Working Document

V10/V10X New Functionality

By CMiC

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New Functionality (Draft)

10_X Functionality Enhancements

This DRAFT Documentation is provided as an overview for New or Enhanced Functionality provided in the V10_X Open Enterprise system. This document currently covers most new features provided up to the patch V10-X-212-05 level.

Important Note

Please be aware that some modifications and enhancements may require licensing, specific configurations and setup, and also may require involvement of CMiC Consulting in order to be utilized as further training may be required. Please contact your Account Manager/Project Manager for more information where needed.

Vendor Prequalification Users

Please be aware that the license file for accessing the Prequal Application and screens is changed with the release of Patch V10-X-008 and clients must obtain an updated license file prior to installation of this patch to ensure their ability to access Prequal. Additionally, Vendor Prequalification also becomes its own specific application with this patch (no accessible via its own URL independent of PM JSP URL). Please contact your PM or Support Representative for details.

Workflow Engine Shutdown and Restarts

The installation of this, and all future Patches, as well as future SVN Hotfixes and Mobile Updates will now shut down the Workflow Engine, however there will no longer be an automated restart of the Workflows. For safety, it is now a manual process that after all/final installations are completed, a validation of invalids is done to ensure that there are no related invalids in the database (WKF_ and OWKF_ objects), that a restart of the Workflow Engine shall be done.

To identify if Workflow Engine is running, run in SQL (as DA user) the following:

```
Start workflow_status.sql;
```

If the Workflow Engine is not started, a message will as:

```
NO ACTIVE WORKFLOW ENGINE.
```

If the Workflow Engine is running, the message will show with output like:

```
WORKFLOW ENGINE ACTIVE (next run in xx minutes)
```

To restart the Workflow Engine, run in SQL (as DA user) the following:

```
Start workflow_startup.sql;
```

NOTE: It is important to ensure that there are no relevant WKF or OWKF invalids BEFORE restarting Workflow Engine.

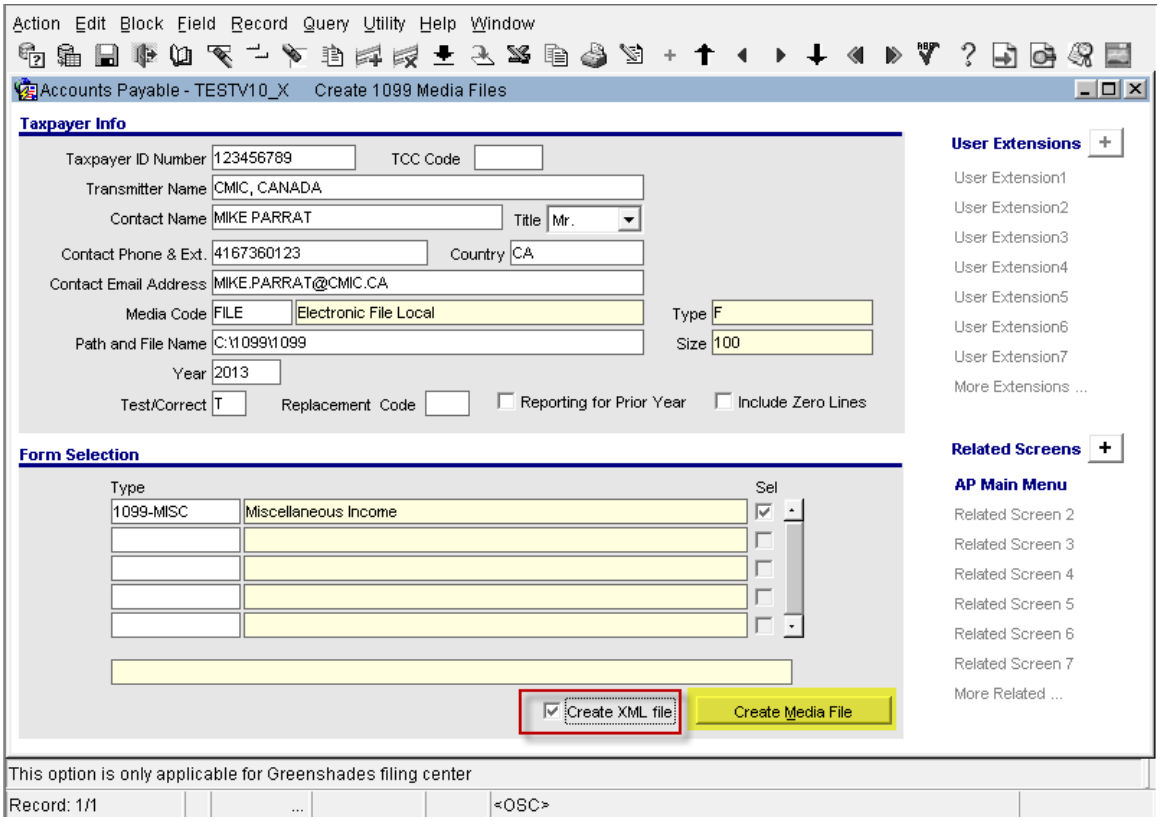
1099

Greenshades© Interface for 1099 reporting (14.92178)

To Create XML file output for 1099 reporting from CMiC for interface with Greenshades© Software for uploading and further processing.

Modifications:

The 'Create 1099 Media Files' program in CMiC is modified with a checkbox 'Create XML file'.

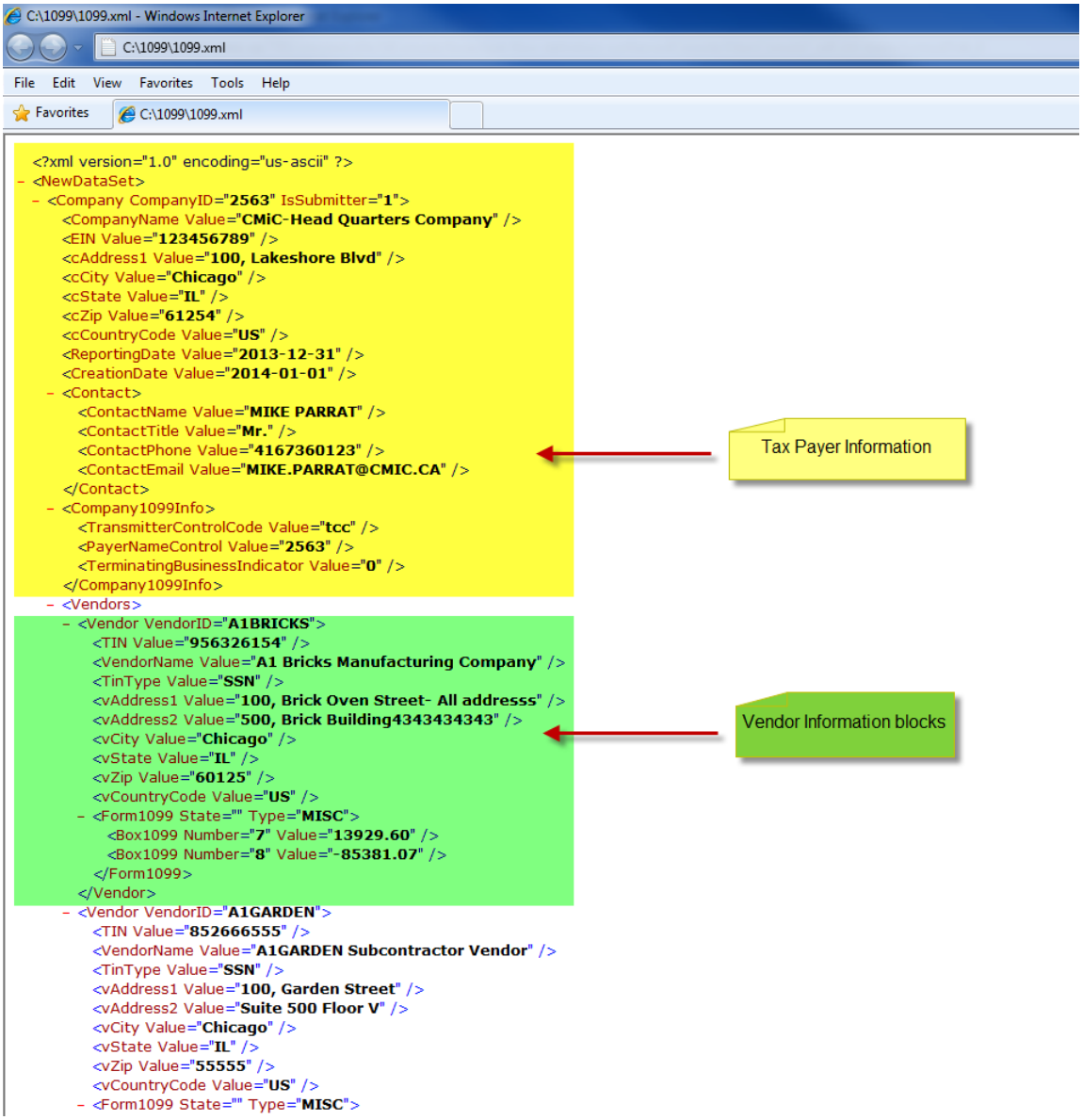


1099 Processing > Create 1099 > Create 1099 Media Files(n1099fil.fmx)

The default value for the flag is un-checked. When checked, an 'XML' file will be generated and saved in the file path location specified in the Tax Payer Information block.

Also added the' Title' and 'Country' fields to the Tax Payer Info block for generating XML output file.

XML File layout



The above sample XML file generated for 1099-MISC shows the Tax Payer Information and series of Vendor blocks for as many vendors included in the 1099 file creation.

Greenshades© Integration for filing 1099

Clients must obtain necessary licensing from Greenshades© to use the software.

There are two ways users may upload the 1099 files to Greenshades for processing/files.

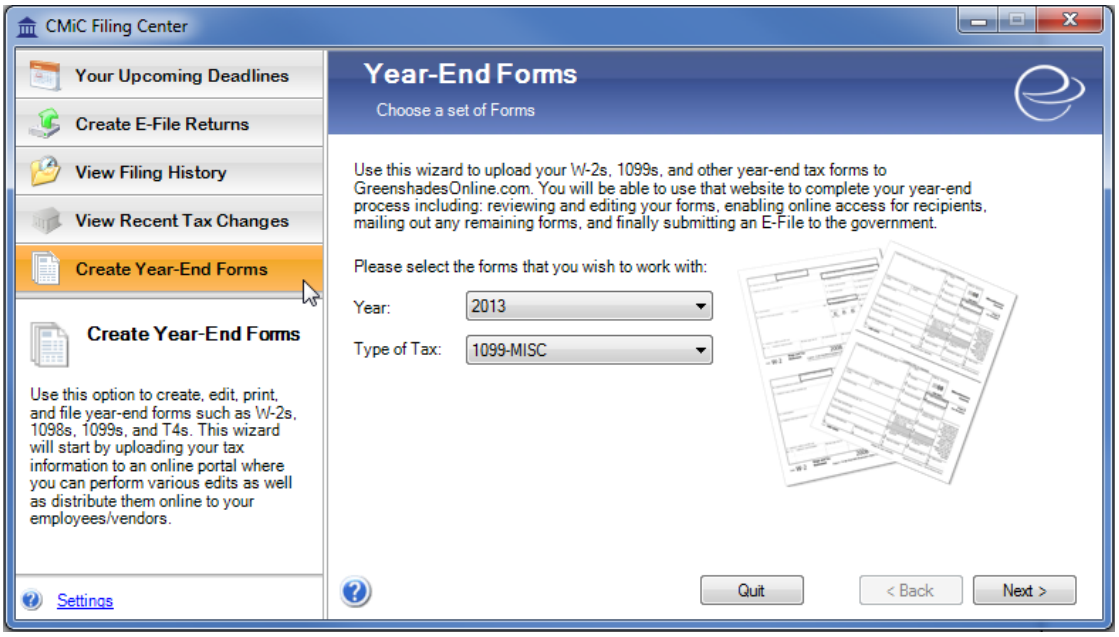
1. Download and install the desktop client Filing Center program from Greenshades©.

This method allows users to upload tax information XML file to the online portal of Greenshades© and allows further processing by edits, distribute to employess/vendors, print and file the year end forms for 1099.

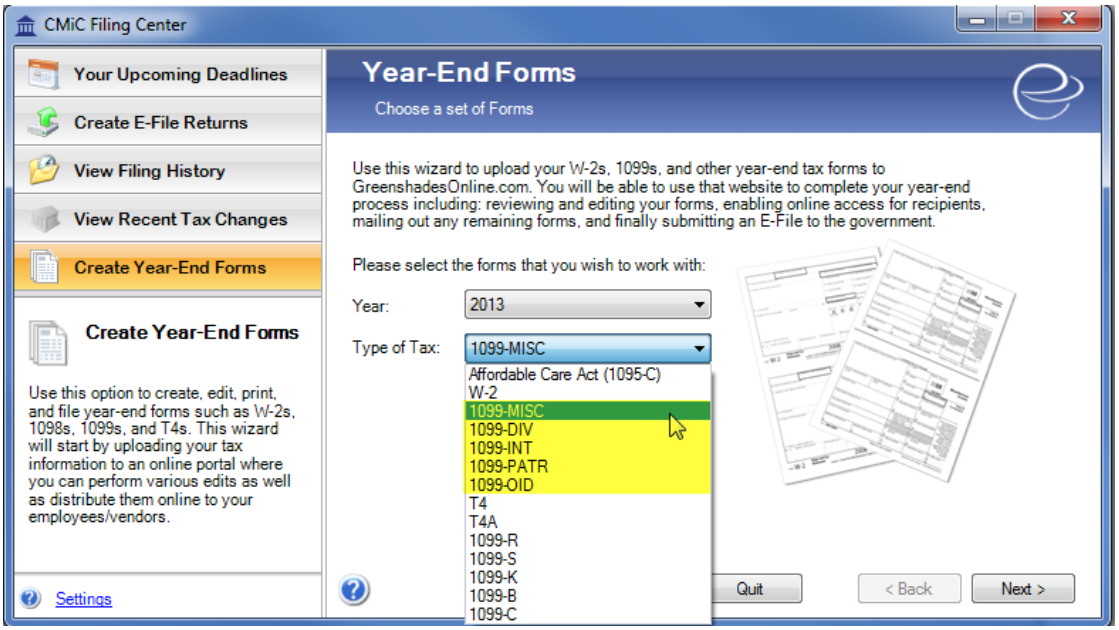
2. Directly Upload the XML file using the Greenshades© Web Application Interface

Use the web page at www.downloadmyform.com to log in and start uploading your Year End forms such as 1099 files and performs further processing as required.

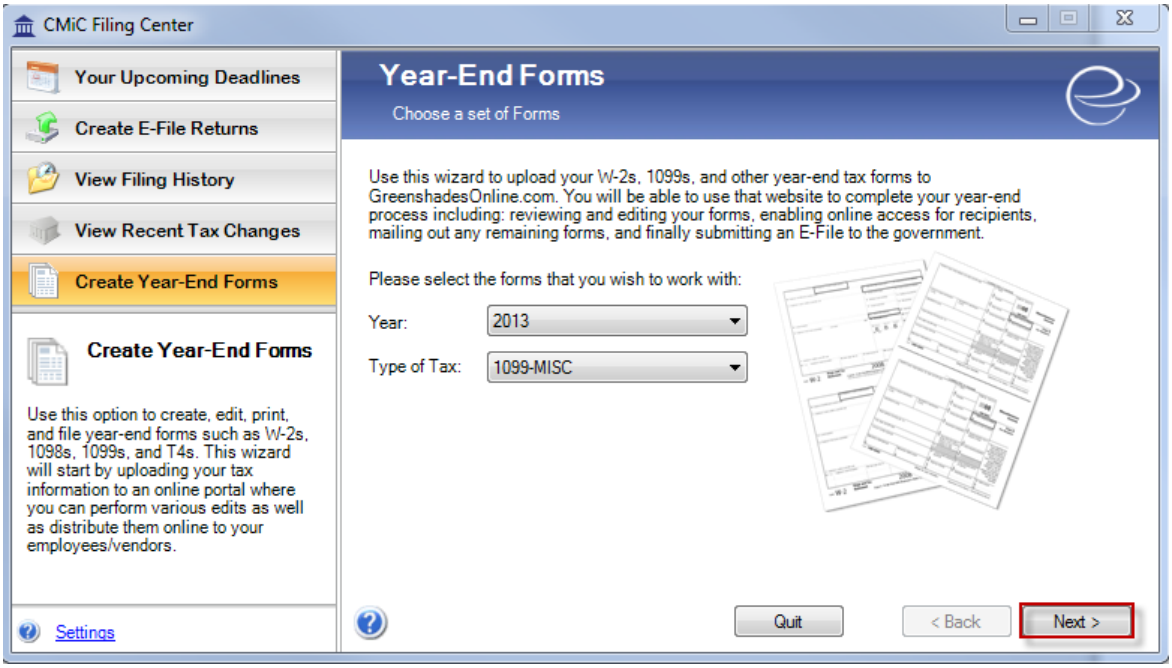
1. Using Filing Center Program for uploading the 1099 XML file

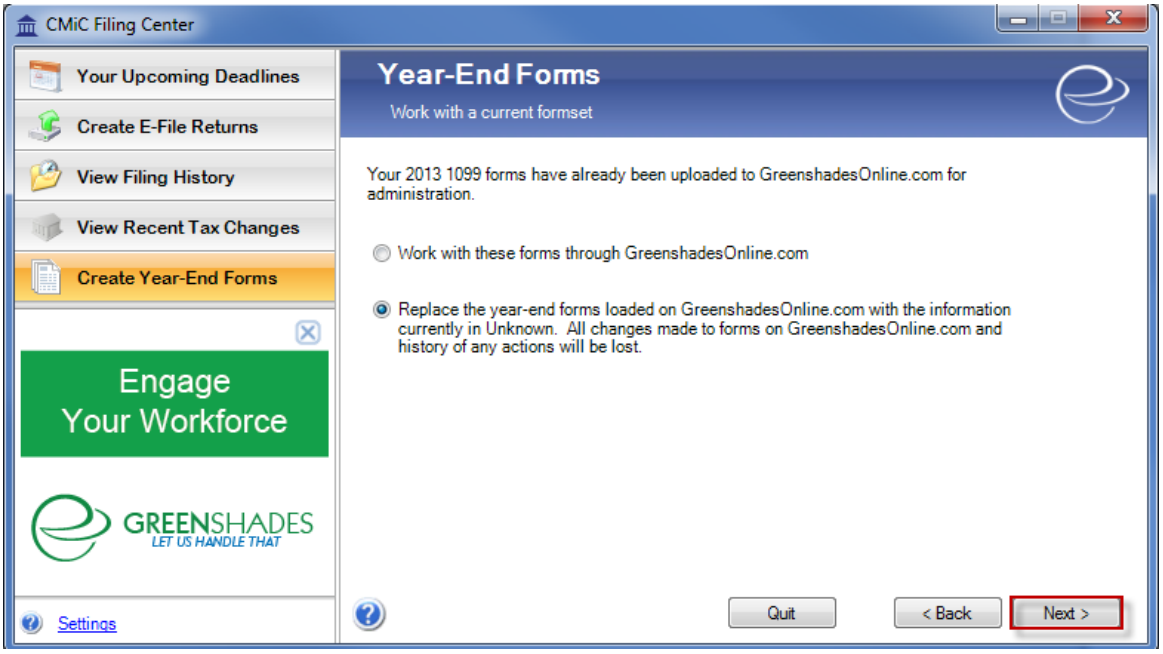


Choose the option 'Create Year-End Forms' from the menu and set the Year and Type of Tax as required.

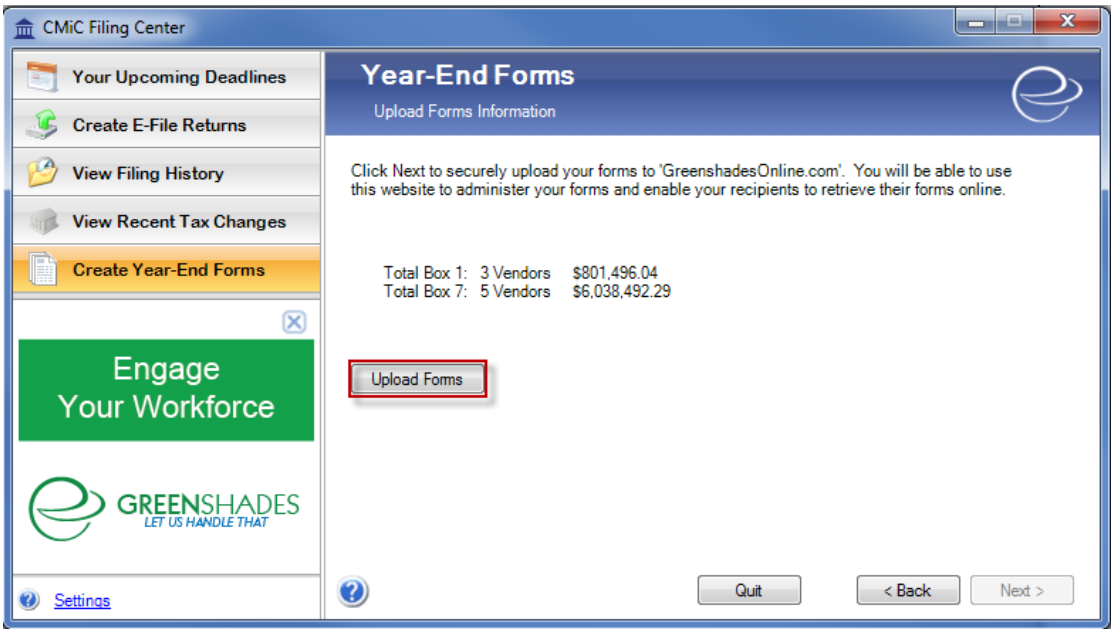


Currently, the 1099 types supported by Greenshades© are 1099-MISC, 1099-DIV, 1099-INT, 1099-PATR, 1099-OID. Users may have to update/check with Greenshades© for any amendments to the same.

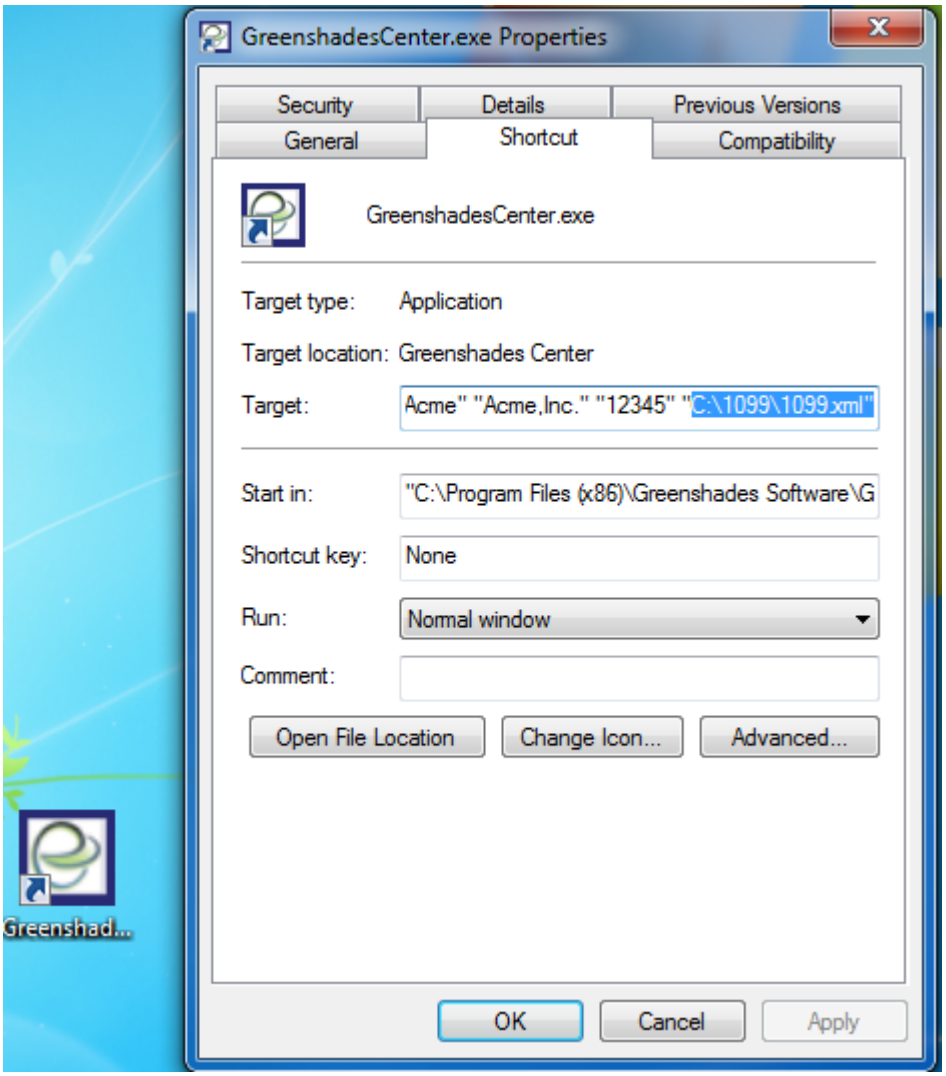




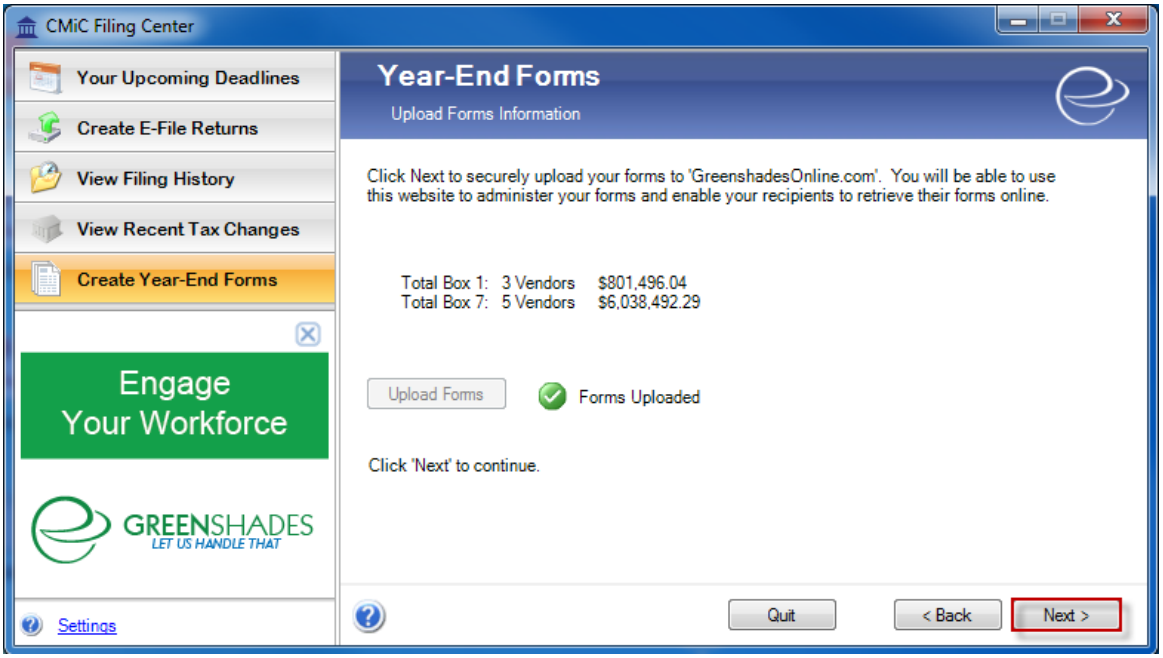
Select the required option whether to continue working on an existing file in the system or Replace with a new upload.

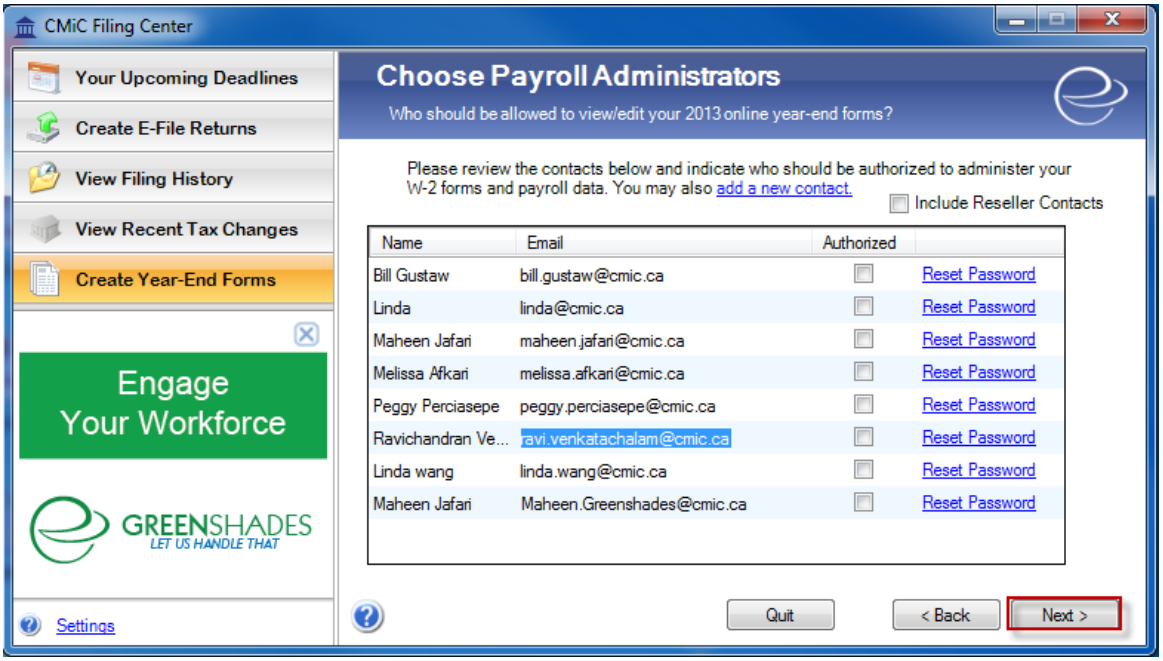


The 'Upload Forms' will upload the xml file from the defined file path and location as shown below.

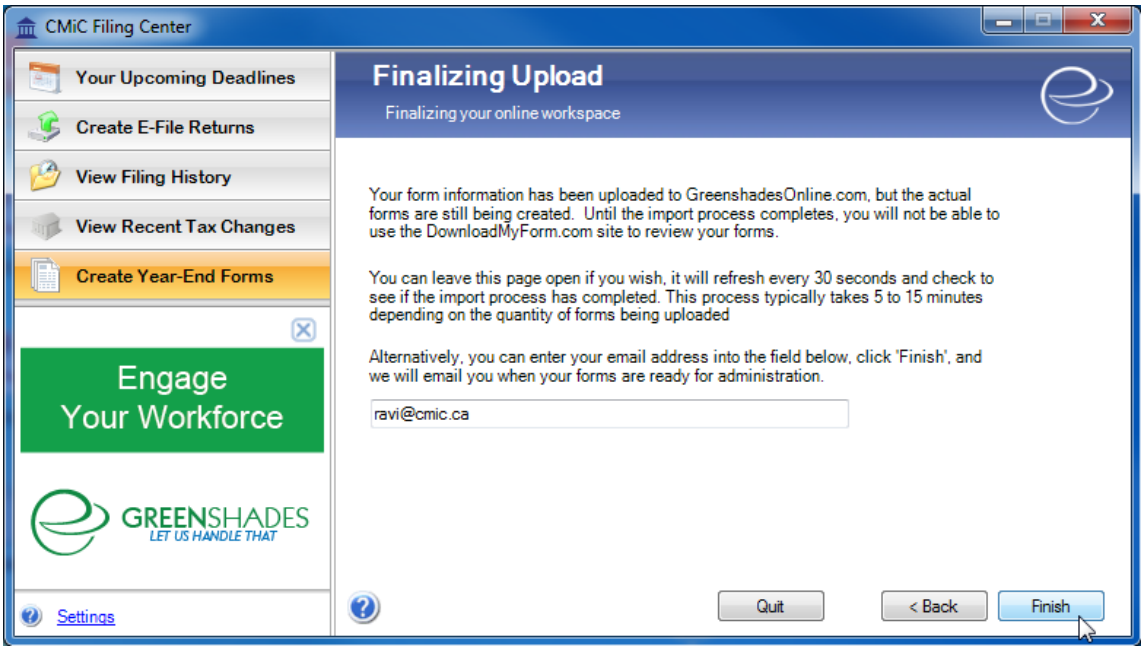


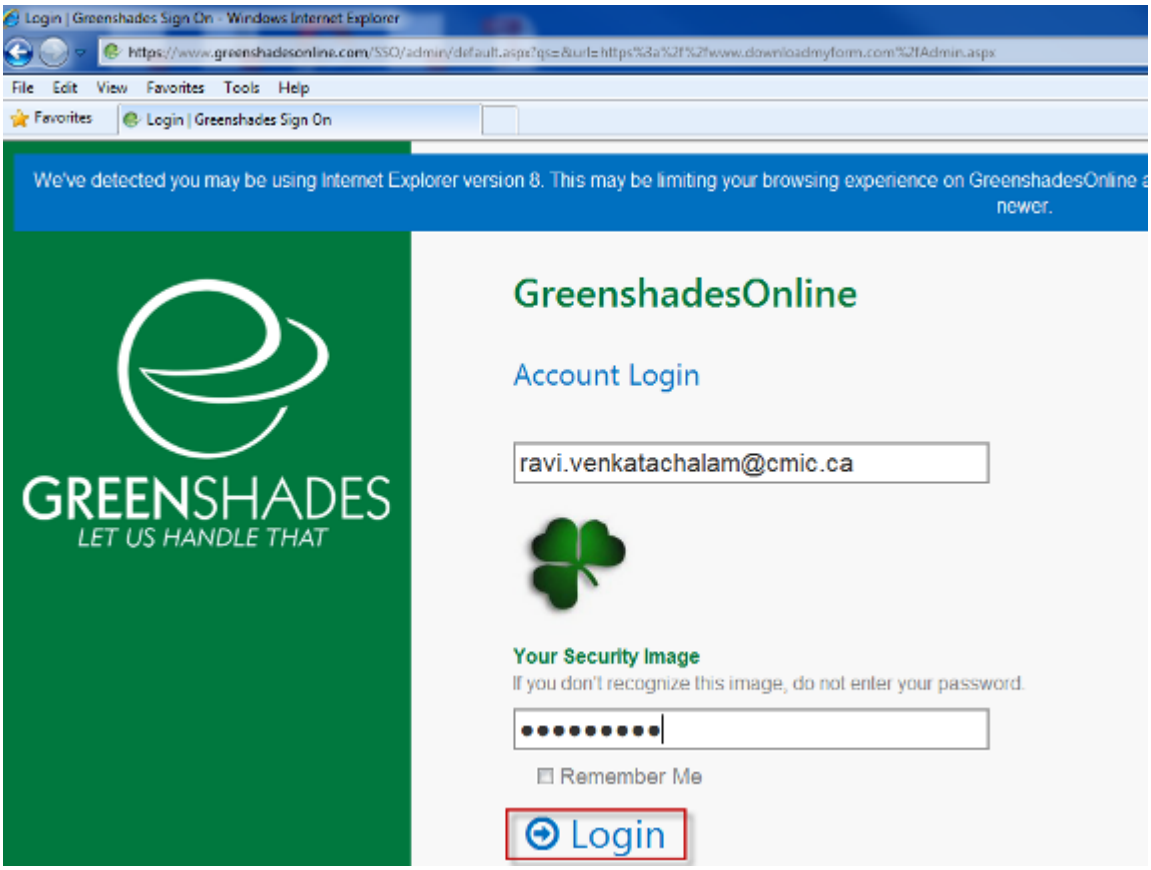
Right click on the 'Greenshades©' icon and set the properties with Target file path and file name as required.



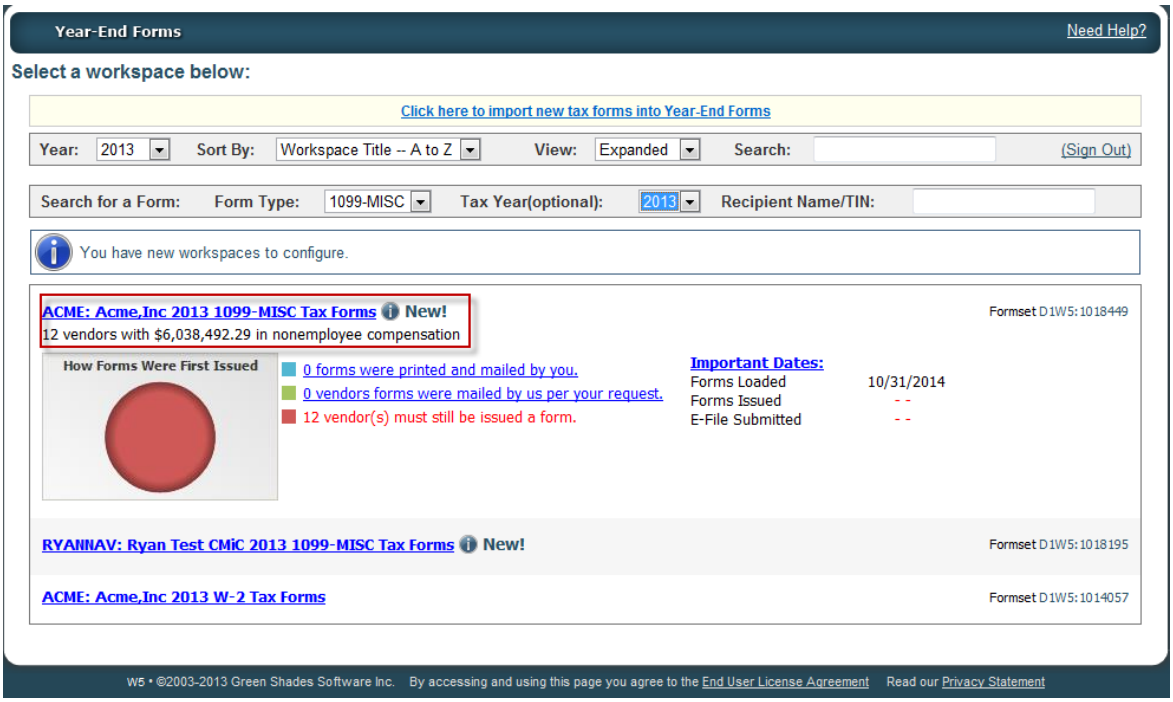


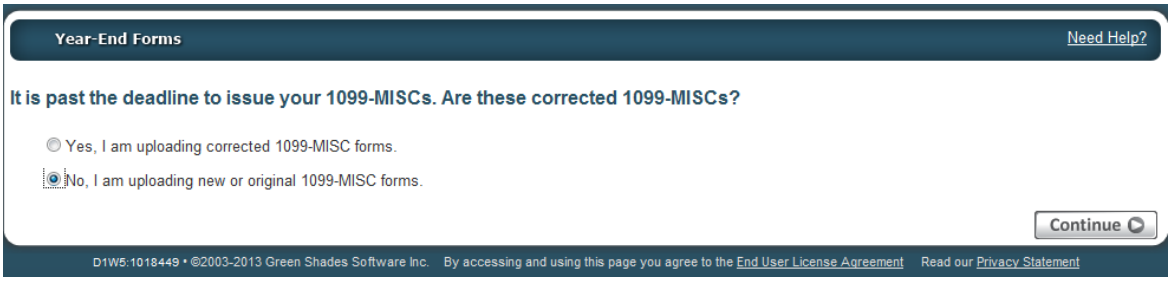
Once successfully uploaded, select the Contact that is authorized to administer the 1099 forms and then proceed.

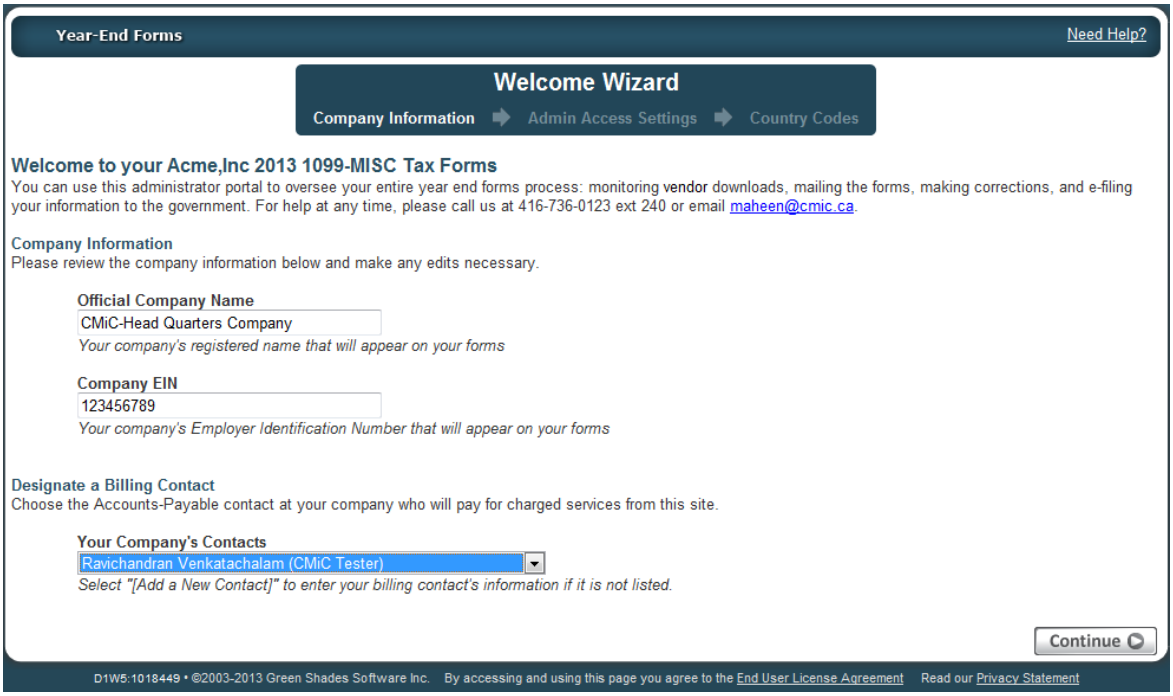


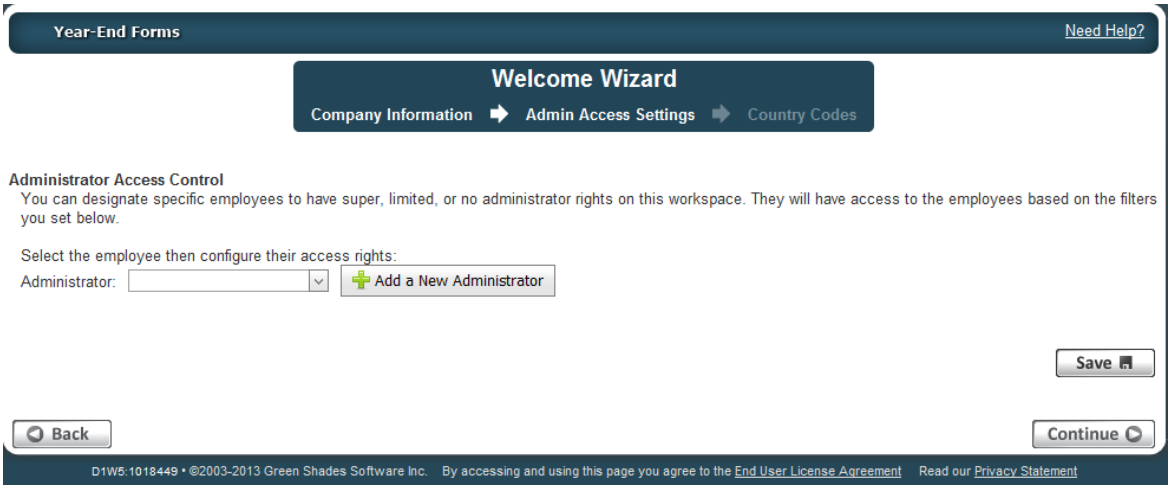


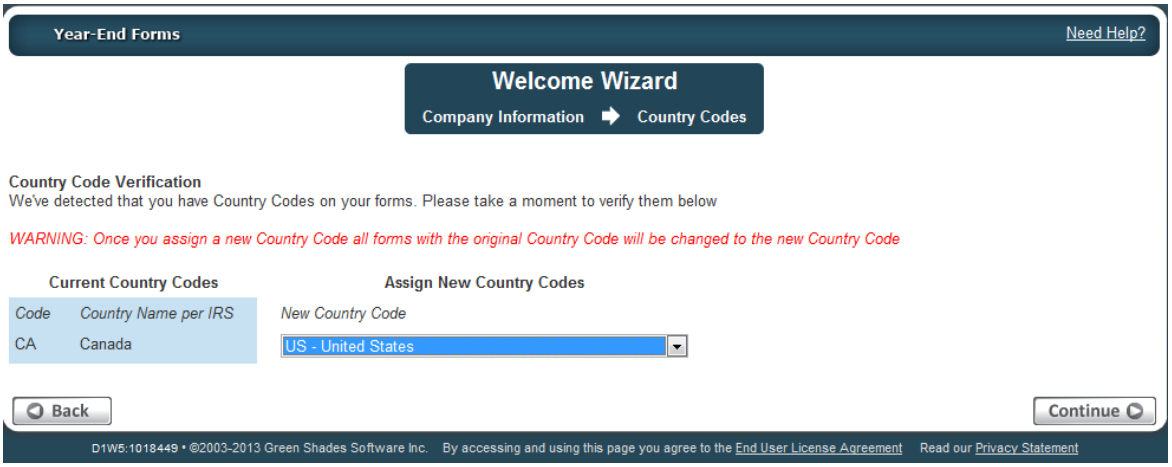
Log in to the web page at www.downloadmyform.com using the user/credentials authorized to administer the 1099 forms.

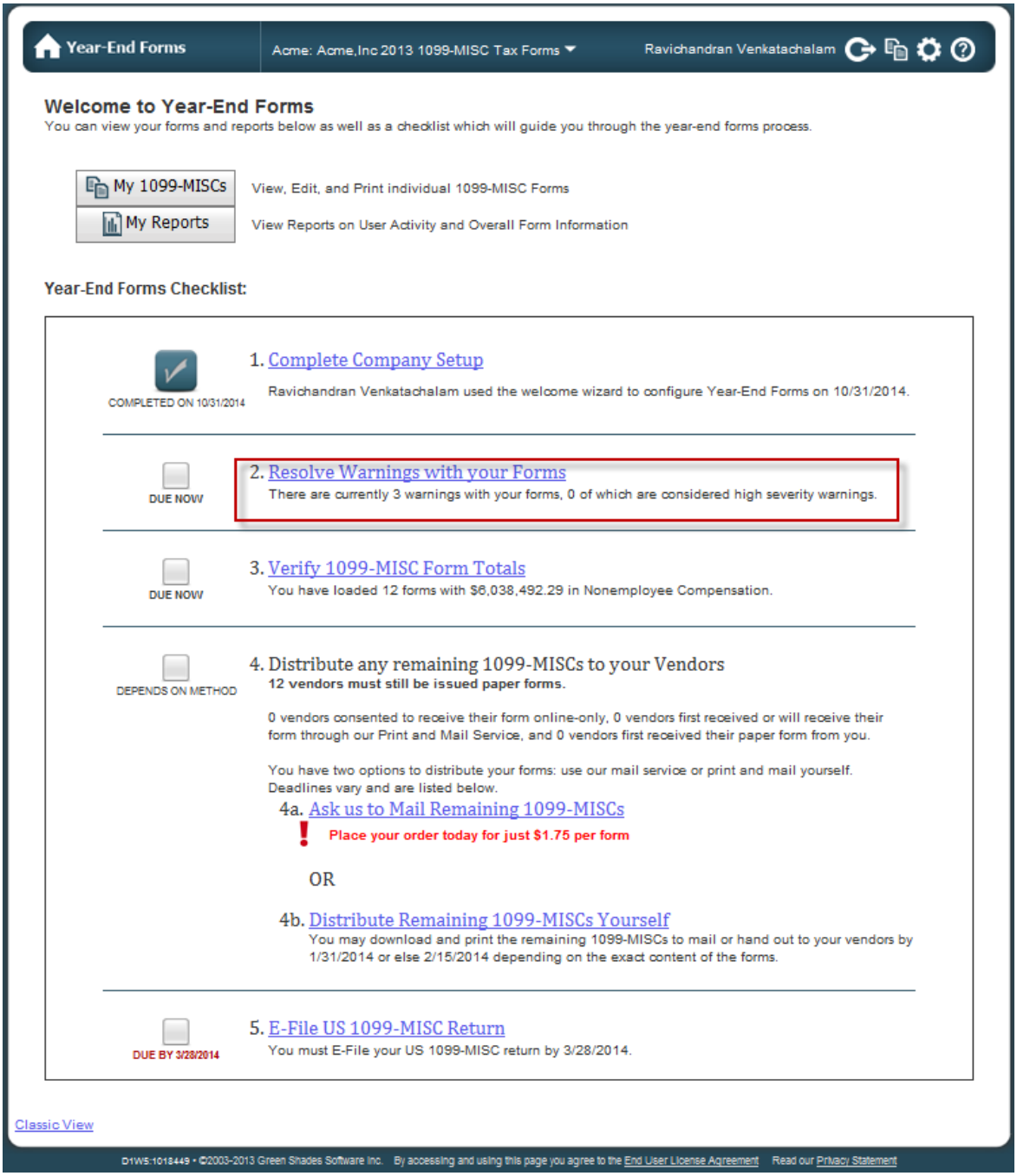

Year-End Forms
Need Help?
Select a workspace below:
Click here to import new tax forms into Year-End Forms
Year: 2013
Sort By: Workspace Title -- A to Z
View: Expanded
Search:
(Sign Out)
Search for a Form:
Form Type: 1099-MISC
Tax Year(optional): 2013
Recipient Name/TIN:
You have new workspaces to configure.
ACME: Acme,Inc 2013 1099-MISC Tax Forms New!
12 vendors with $6,038,492.29 in nonemployee compensation
Formset D1W5:1018449
How Forms Were First Issued
0 forms were printed and mailed by you.
0 vendors forms were mailed by us per your request.
12 vendor(s) must still be issued a form.
Important Dates:
Forms Loaded 10/31/2014
Forms Issued - -
E-File Submitted - -
RYANNAV: Ryan Test CMiC 2013 1099-MISC Tax Forms New!
Formset D1W5:1018195
ACME: Acme,Inc 2013 W-2 Tax Forms
Formset D1W5:1014057
W5 • ©2003-2013 Green Shades Software Inc. By accessing and using this page you agree to the End User License Agreement Read our Privacy Statement


Year-End Forms
Need Help?
It is past the deadline to issue your 1099-MISCs. Are these corrected 1099-MISCs?
Yes, I am uploading corrected 1099-MISC forms.
No, I am uploading new or original 1099-MISC forms.
Continue
D1W5:1018449 • ©2003-2013 Green Shades Software Inc. By accessing and using this page you agree to the End User License Agreement Read our Privacy Statement


Year-End Forms
Need Help?
Welcome Wizard
Company Information
Admin Access Settings
Country Codes
Welcome to your Acme,Inc 2013 1099-MISC Tax Forms
You can use this administrator portal to oversee your entire year end forms process: monitoring vendor downloads, mailing the forms, making corrections, and e-filing your information to the government. For help at any time, please call us at 416-736-0123 ext 240 or email maheen@cmic.ca.
Company Information
Please review the company information below and make any edits necessary.
Official Company Name
CMiC-Head Quarters Company
Your company's registered name that will appear on your forms
Company EIN
123456789
Your company's Employer Identification Number that will appear on your forms
Designate a Billing Contact
Choose the Accounts-Payable contact at your company who will pay for charged services from this site.
Your Company's Contacts
Ravichandran Venkatachalam (CMiC Tester)
Select "[Add a New Contact]" to enter your billing contact's information if it is not listed.
Continue
D1W5:1018449 • ©2003-2013 Green Shades Software Inc. By accessing and using this page you agree to the End User License Agreement Read our Privacy Statement


Year-End Forms
Need Help?
Welcome Wizard
Company Information
Admin Access Settings
Country Codes
Administrator Access Control
You can designate specific employees to have super, limited, or no administrator rights on this workspace. They will have access to the employees based on the filters you set below.
Select the employee then configure their access rights:
Administrator:
Add a New Administrator
Save
Back
Continue
D1W5:1018449 • ©2003-2013 Green Shades Software Inc. By accessing and using this page you agree to the End User License Agreement Read our Privacy Statement


Year-End Forms
Need Help?
Welcome Wizard
Company Information
Country Codes
Country Code Verification
We've detected that you have Country Codes on your forms. Please take a moment to verify them below
WARNING: Once you assign a new Country Code all forms with the original Country Code will be changed to the new Country Code
Current Country Codes
Assign New Country Codes
Code
Country Name per IRS
New Country Code
CA
Canada
US - United States
Back
Continue
D1W5:1018449 • ©2003-2013 Green Shades Software Inc. By accessing and using this page you agree to the End User License Agreement Read our Privacy Statement


Year-End Forms
Acme: Acme,Inc 2013 1099-MISC Tax Forms
Ravichandran Venkatachalam
Welcome to Year-End Forms
You can view your forms and reports below as well as a checklist which will guide you through the year-end forms process.
My 1099-MISCs
View, Edit, and Print individual 1099-MISC Forms
My Reports
View Reports on User Activity and Overall Form Information
Year-End Forms Checklist:
COMPLETED ON 10/31/2014
1. Complete Company Setup
Ravichandran Venkatachalam used the welcome wizard to configure Year-End Forms on 10/31/2014.
DUE NOW
2. Resolve Warnings with your Forms
There are currently 3 warnings with your forms, 0 of which are considered high severity warnings.
DUE NOW
3. Verify 1099-MISC Form Totals
You have loaded 12 forms with $6,038,492.29 in Nonemployee Compensation.
DEPENDS ON METHOD
4. Distribute any remaining 1099-MISCs to your Vendors
12 vendors must still be issued paper forms.
0 vendors consented to receive their form online-only, 0 vendors first received or will receive their form through our Print and Mail Service, and 0 vendors first received their paper form from you.
You have two options to distribute your forms: use our mail service or print and mail yourself. Deadlines vary and are listed below.
4a. Ask us to Mail Remaining 1099-MISCs
Place your order today for just $1.75 per form
OR
4b. Distribute Remaining 1099-MISCs Yourself
You may download and print the remaining 1099-MISCs to mail or hand out to your vendors by 1/31/2014 or else 2/15/2014 depending on the exact content of the forms.
DUE BY 3/28/2014
5. E-File US 1099-MISC Return
You must E-File your US 1099-MISC return by 3/28/2014.
Classic View
D1WS:1018449 • ©2003-2013 Green Shades Software Inc. By accessing and using this page you agree to the End User License Agreement Read our Privacy Statement

PAYER'S federal identification number 12-3456789

RECIPIENT'S identification number 956-32-6154

PAYER'S name, street address, city, state, ZIP code, and telephone no.

CMIC-HEAD QUARTERS COMPANY
100, LAKESHORE BLVD
CHICAGO, IL 61254
4167360123

Account number (see instructions) A1BRICKS

RECIPIENT'S name, street address, city, state, and ZIP code

A1 BRICKS MANUFACTURING COMPANY
100, BRICK OVEN STREET- ALL ADDRESSS
500, BRICK BUILDING4343434343
CHICAGO, IL 60125

1 Rents $

2 Royalties $

3 Other income $

4 Federal income tax withheld $

5 Fishing boat proceeds $

6 Medical and health care payments $

7 Nonemployee compensation $ 13929.60

8 Substitute payments in lieu of dividends or interest $ -85381.07

9 Payer made direct sales of $5,000 or more of consumer products to a buyer (recipient) for resale

10 Crop insurance proceeds $

11 Foreign tax paid $

12 Foreign country or U.S. possession

13 Excess golden parachute payments $

14 Gross proceeds paid to an attorney $

15a Section 409A deferrals $

15b Section 409A income $

16 State tax withheld $

17 State/Payer's state no.

18 State income $

Form 1099-MISC (keep for your records) Department of the Treasury - Internal Revenue Service

Miscellaneous Income

2013

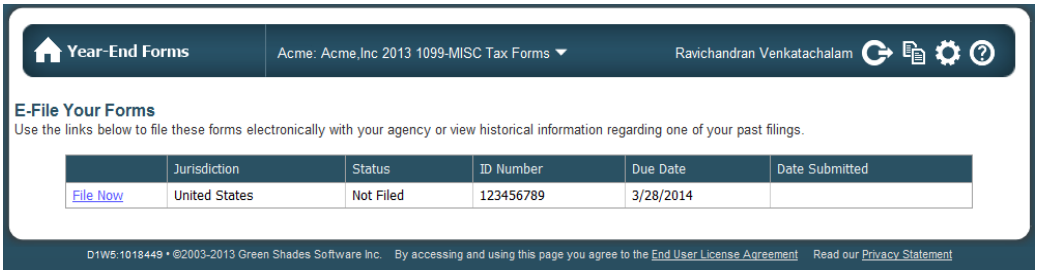
Form 1099-MISC

Copy B For Recipient

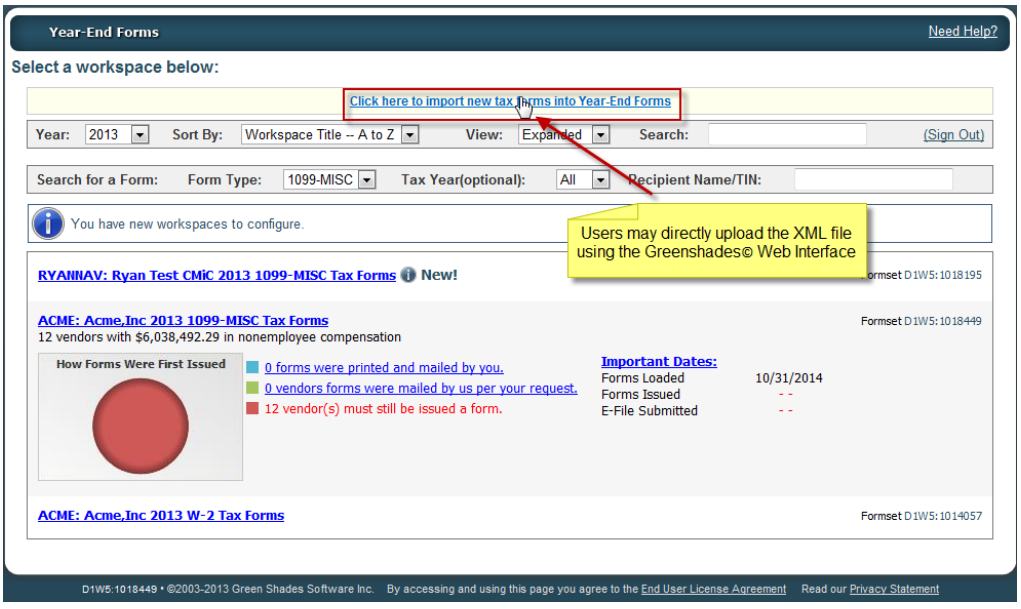
CORRECTED (if checked)

This is important tax information and is being furnished to the Internal Revenue Service. If you are required to file a return, a negligence penalty or other sanction may be imposed on you if this income is taxable and the IRS determines that it has not been reported.

Once edited to resolve the warnings, verified, printed and distributed, users may file the form to the IRS.



2. Directly Upload the XML file using the Greenshades© Web Application Interface



Users may follow on screen instructions for each step to upload an XML file generated by CMIC

Accounts Payable

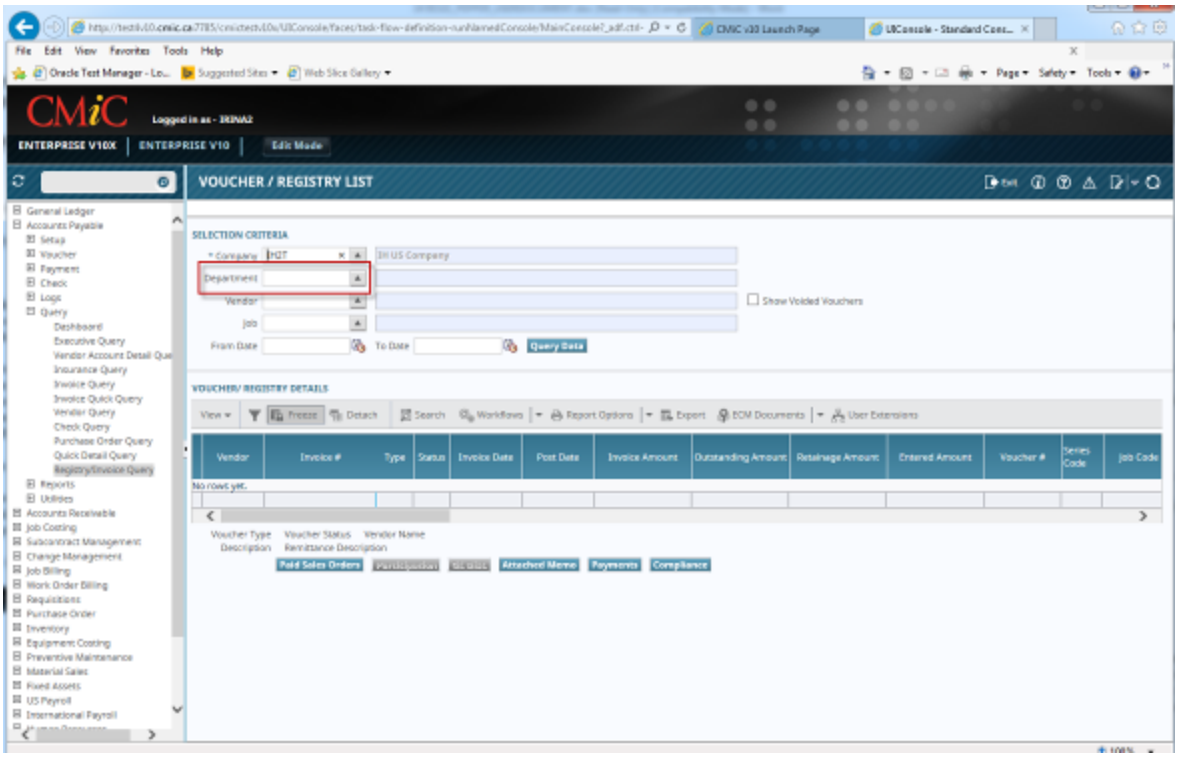
Ability to query AP invoices by Department in Voucher/Registry Query (15.09770)

CMiC has modified the Voucher/Registry List screen: the new Department field has been added to provide a new parameter to the query – Department Code. When this parameter is specified, only vouchers/registered invoices with the same department code on the header will be shown.

CMiC has also introduced additional functionality: either Job or Vendor values must be entered in order for the query to take place.

Department field is added to the Voucher/Registry List

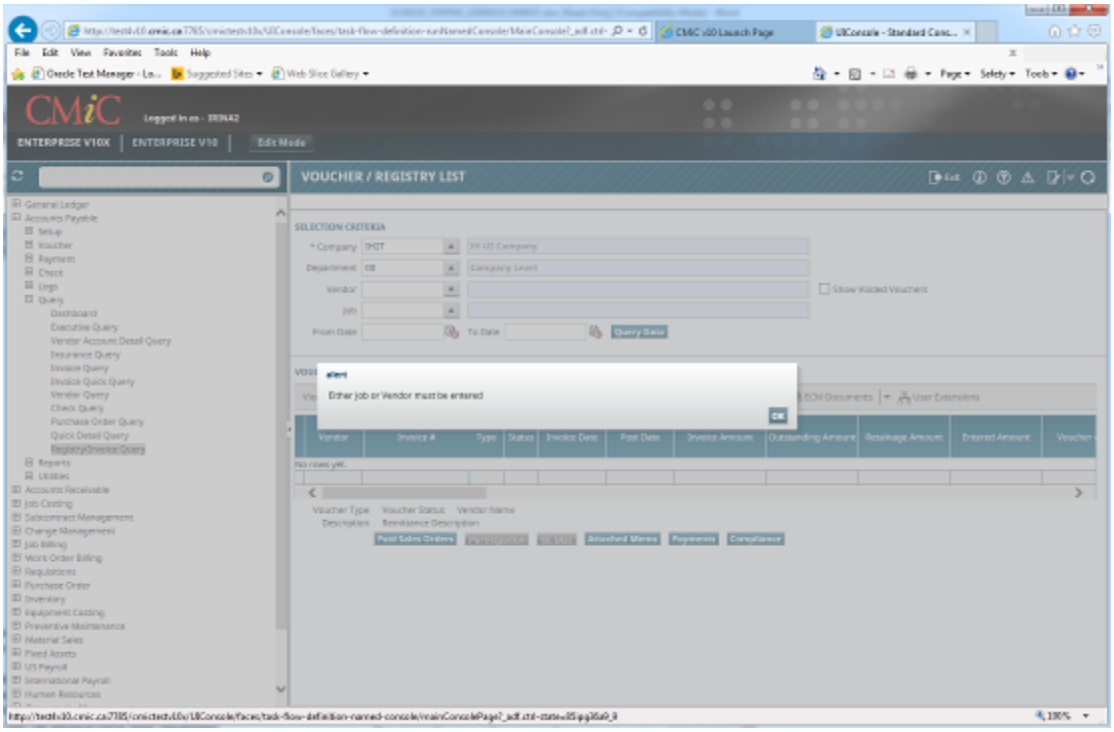
Treeview path for the screen: Account Payable -> Query -> Registry/Invoice Query



If the user enter an existing Department Code into the Department field or select the value from the Department List the program will retrieve all the vouchers and registered invoices that have this department code defined as the Expense Department Code.

Additional Functionality

Either Job or Vendor value must be entered in order for the query to take place. If the user does not enter either Job, or Vendor and press [Query Data] button, the program will issue the following alert:



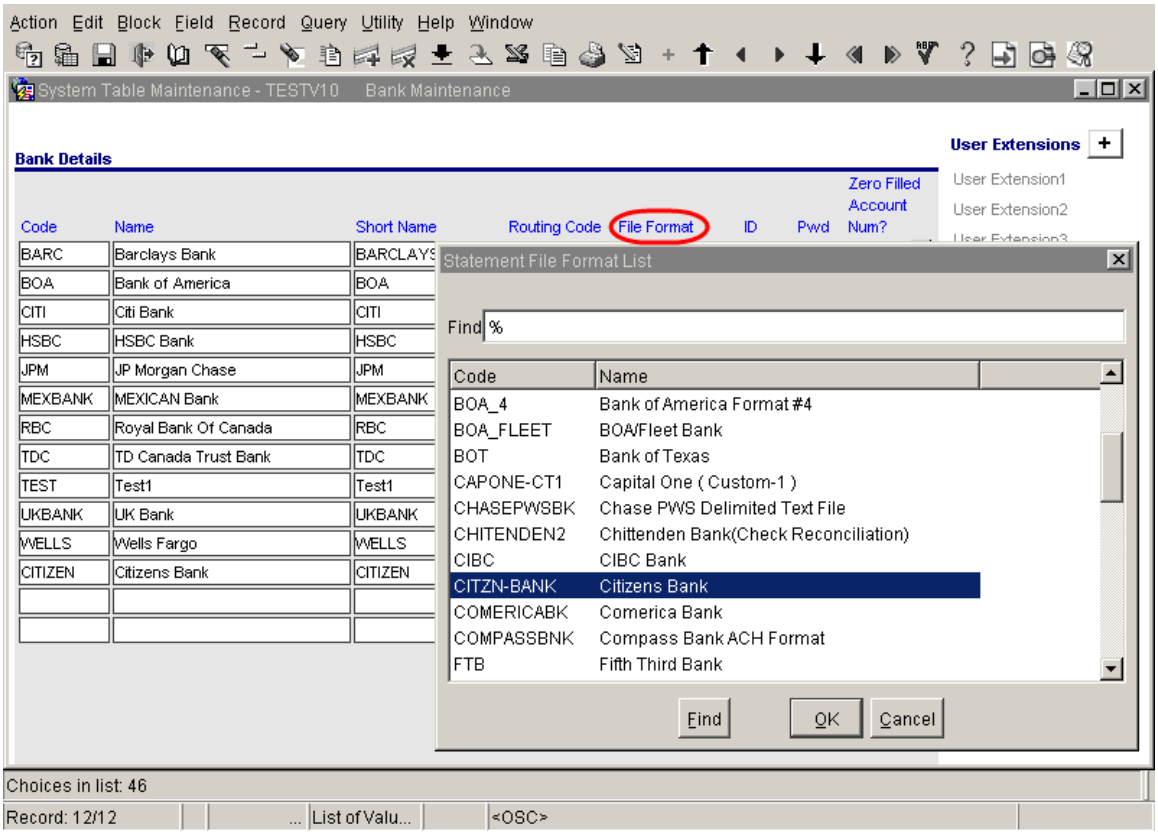
In this case the user has to press OK button on the alert popup window and return to Voucher/Registry List screen to enter the required information.

ACH Formats

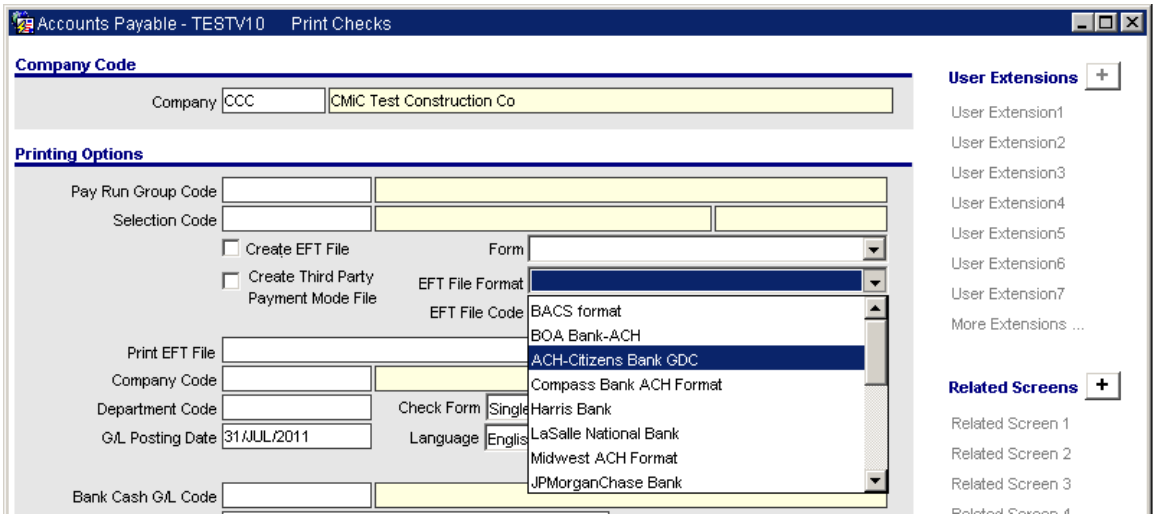
Midwest Bank (08.25002)

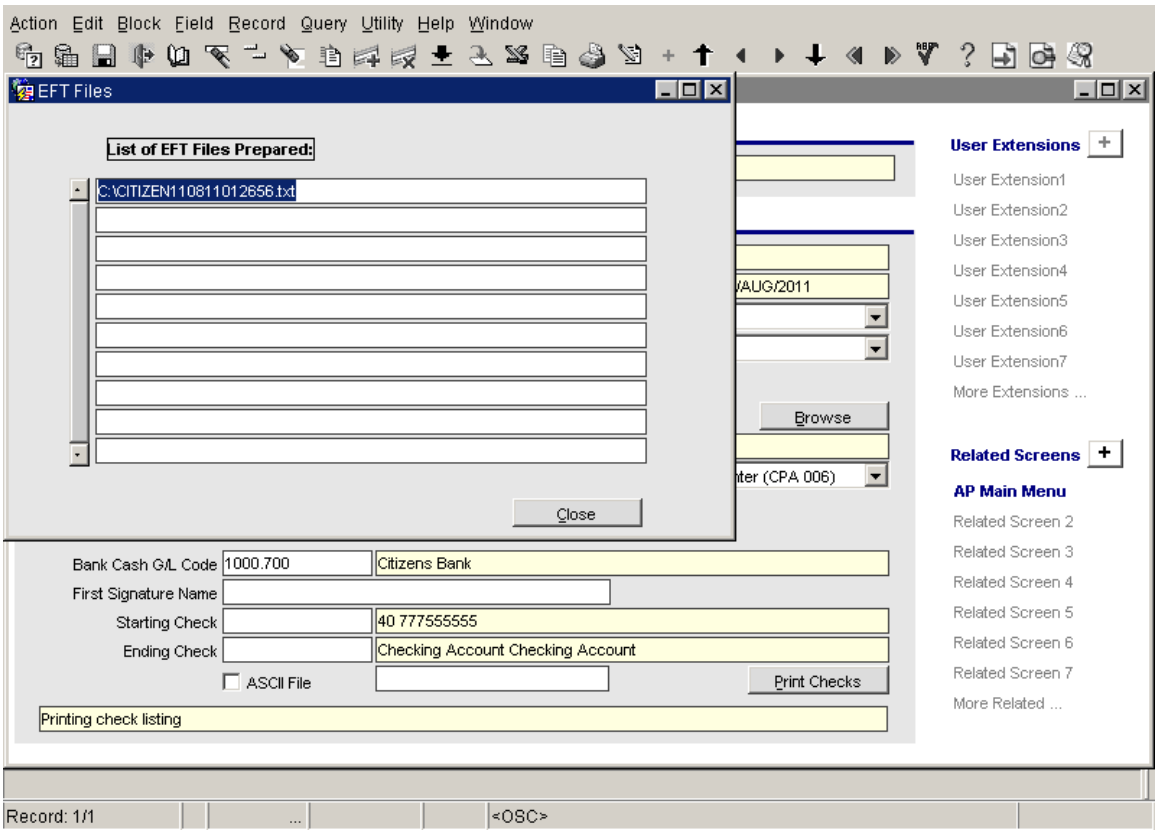
Added new routine for Midwest bank ACH format and adjusted the Midwest Bank format line 6 field placement + using suffix (BPVEN_BANK_ACC_NUM3) for transaction code.

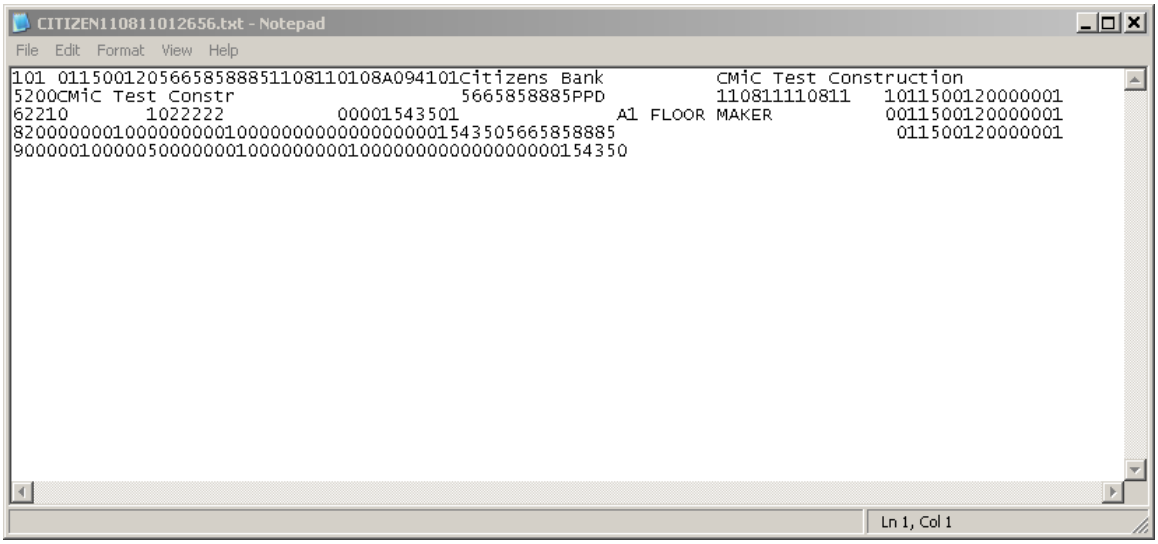
CITIZENS BANK ACH Format (11.57580)



Added ACH Format ‘Citizen’s Bank’ is added to the system and the Check Printing form now has this new option available for selection.



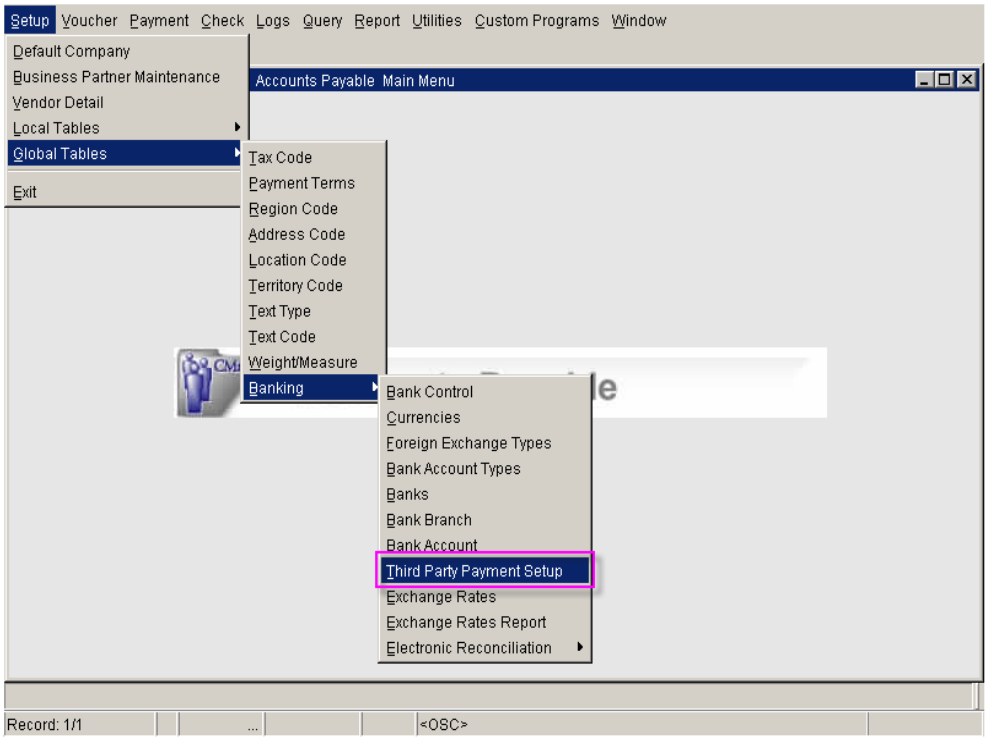




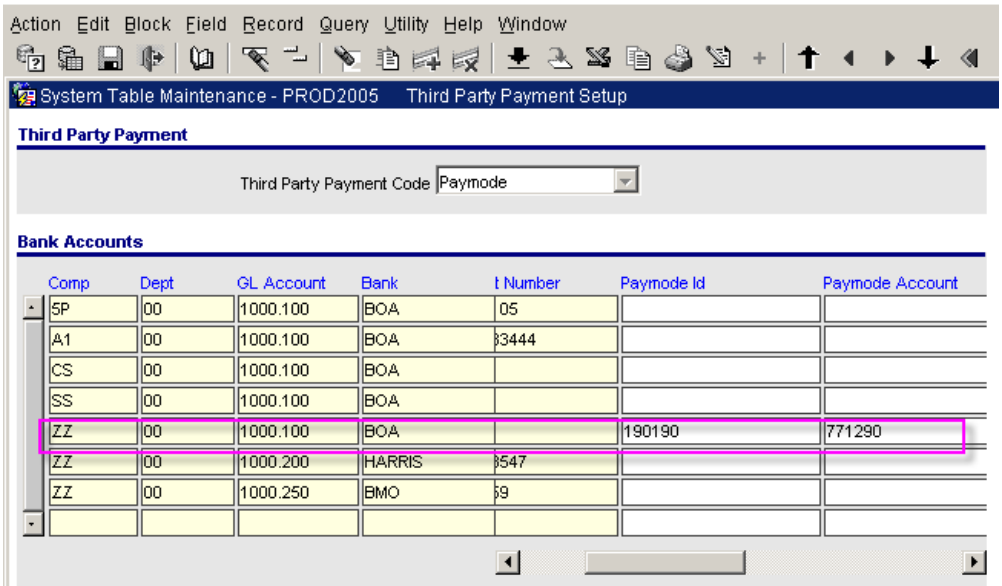
Generation of PayMode ACH File (09.42828)

Third Party Payment Setup - New screen

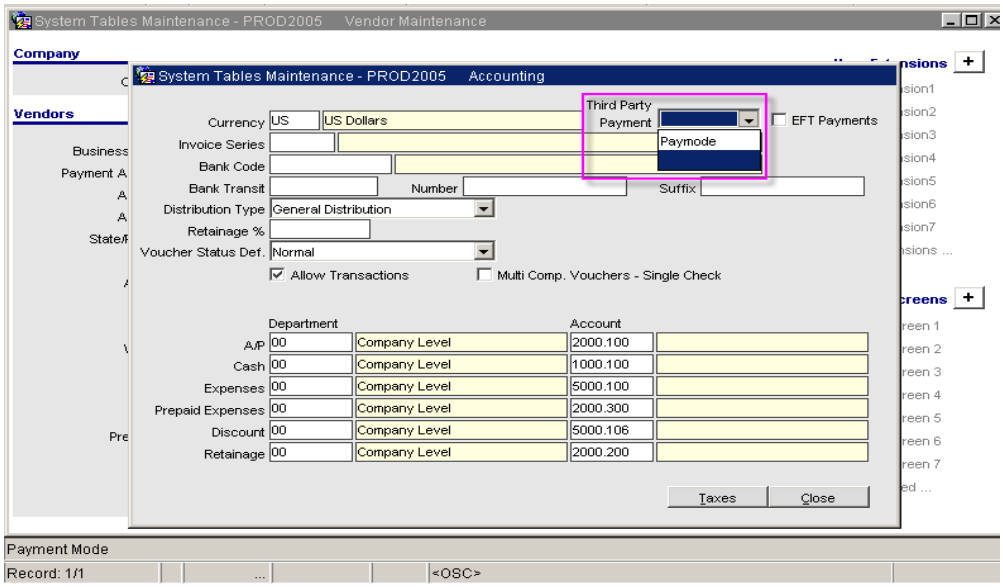
Added the menu item ‘Third Party Payment Setup’ to the Accounts Payable menu:



This menu item accesses the PayMode setup screen which is used to define the PayMode Id and the PayMode Account for the desired bank account(s).

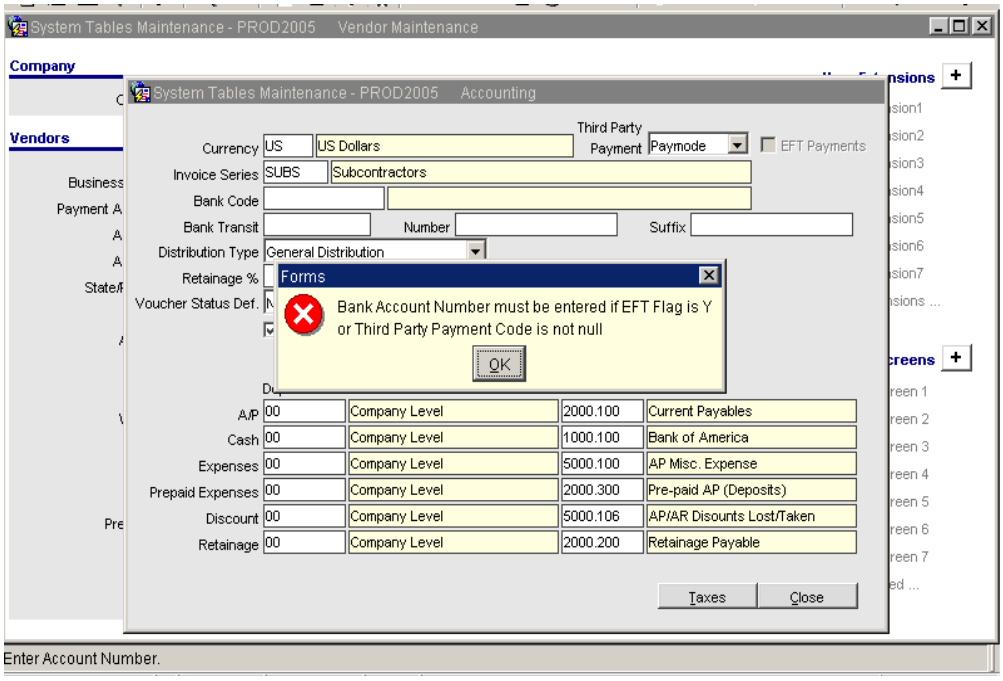


Vendor Maintenance



The Vendor Maintenance – Accounting popup screen has been modified to include the drop-down box '**Third Party Payment**'. The user can either select an option from the Third Party Payment OR select the EFT checkbox OR select neither. When Third Party Payment or EFT is selected, the user needs to also complete the Bank information for the vendor (this must be first filled in at the business partner level).

If the Bank information is not filled in, the following error message will be displayed:



The account code can also be populated with the word '**CARD**' indicating another type of Paymode payment. No other banking information is needed for the vendor in this case.

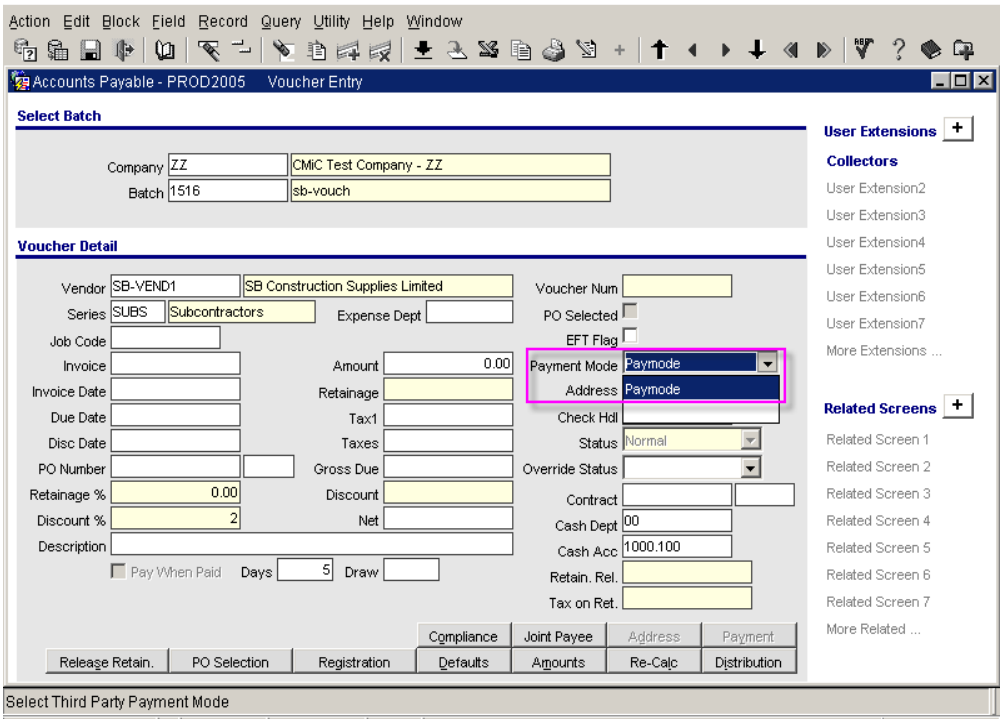
Vendor : SB-VEND5 SB CARD vendor Vendor Deposit Account: CARD

Company Bank Account: 1000.100 Payment # : 90000000155 Date : 18-JAN-2010

No.	Invoice	Inv Date	Description	Invoice Amount	Deduction	Pay
1	SB-CARD1	18-JAN-2010	test	680.00	0.00	680.00
				TOTAL :		680.00

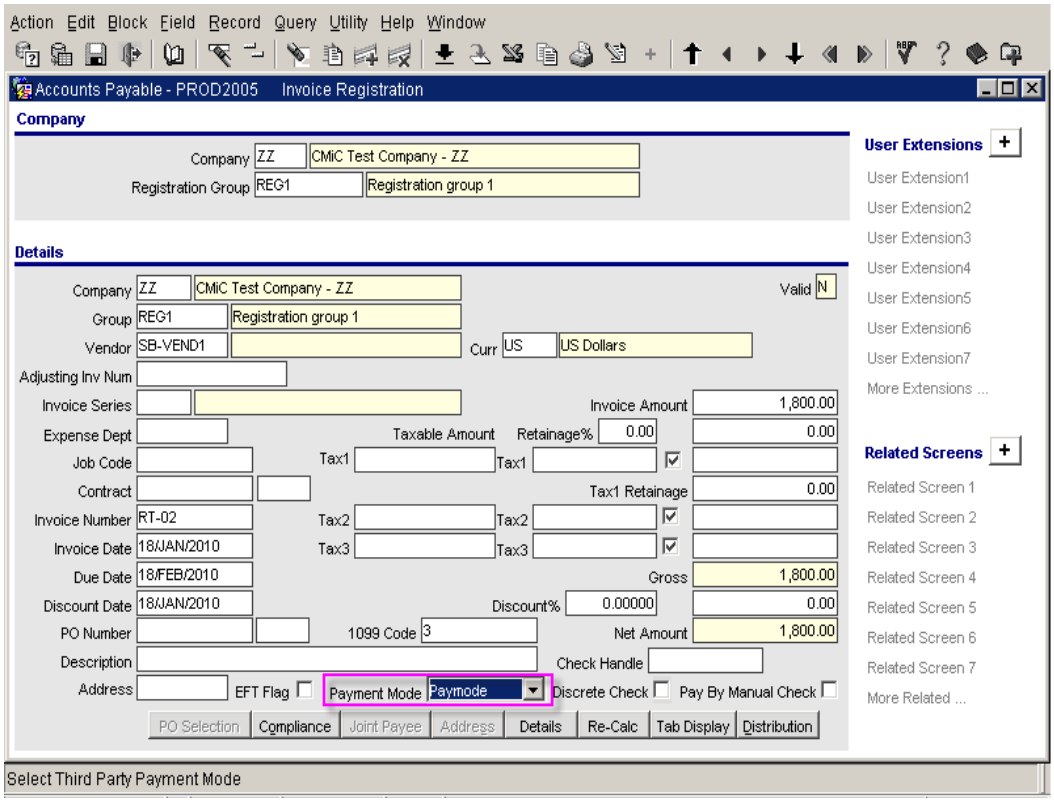
Voucher Entry, Registered Invoice and Adjust Voucher Status

a) Voucher Entry



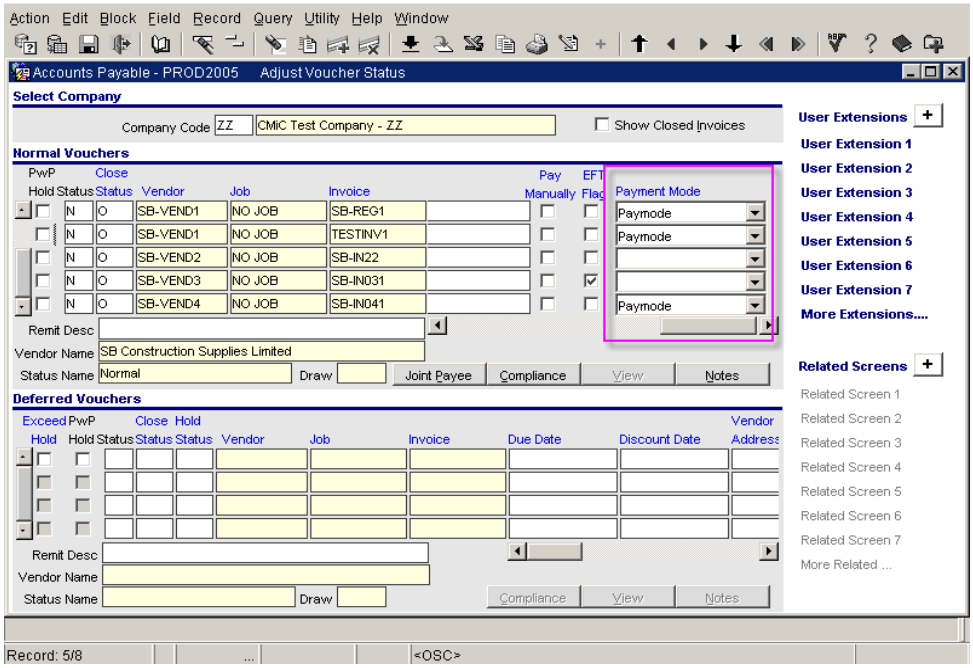
Depending on the Payment Mode set up in the Vendor record, it defaults to the Voucher Entry screen after the vendor is entered. The value can be overridden in this screen.

b) Registered Invoice screen:



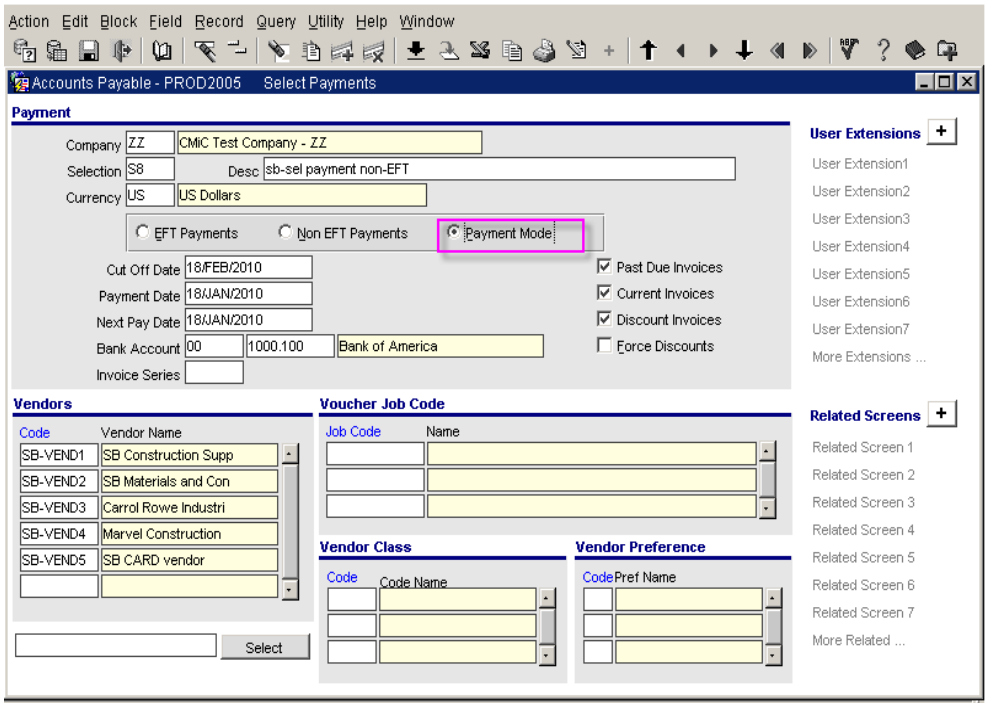
Payment Mode is added to the Registered Invoice (form or tab display) screen.

c) Adjust Voucher Status



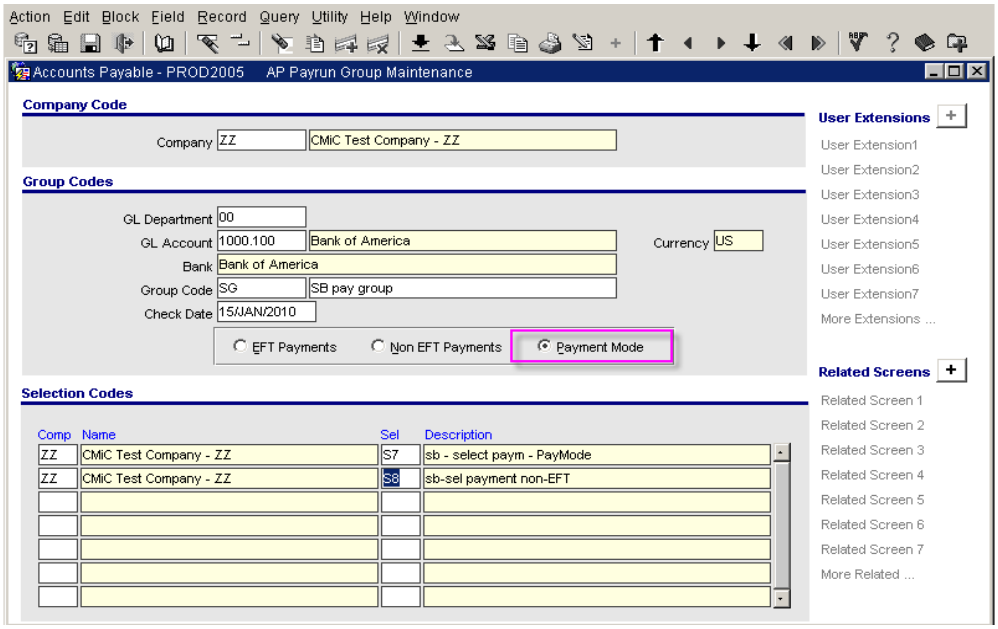
The Payment Mode field has also been added to the Adjust Voucher Status screen. The value can also be overridden here.

Payment Selection



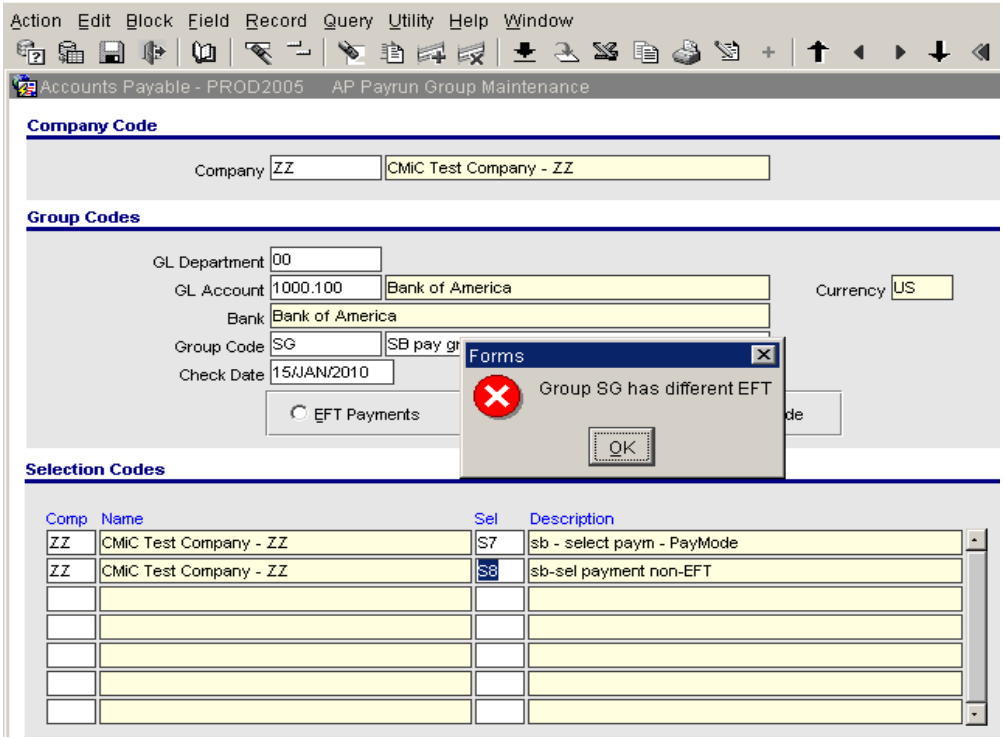
The option 'Payment Mode' has been added and when selected, will only pick up invoices that satisfy the parameters entered as well as having PayMode vendors.

Pay-run Group



Similarly, the Pay run Group screen has been modified to include the 'Payment Mode' option. Only pay selections that are 'Payment Mode' can be included in a Payment Mode group.

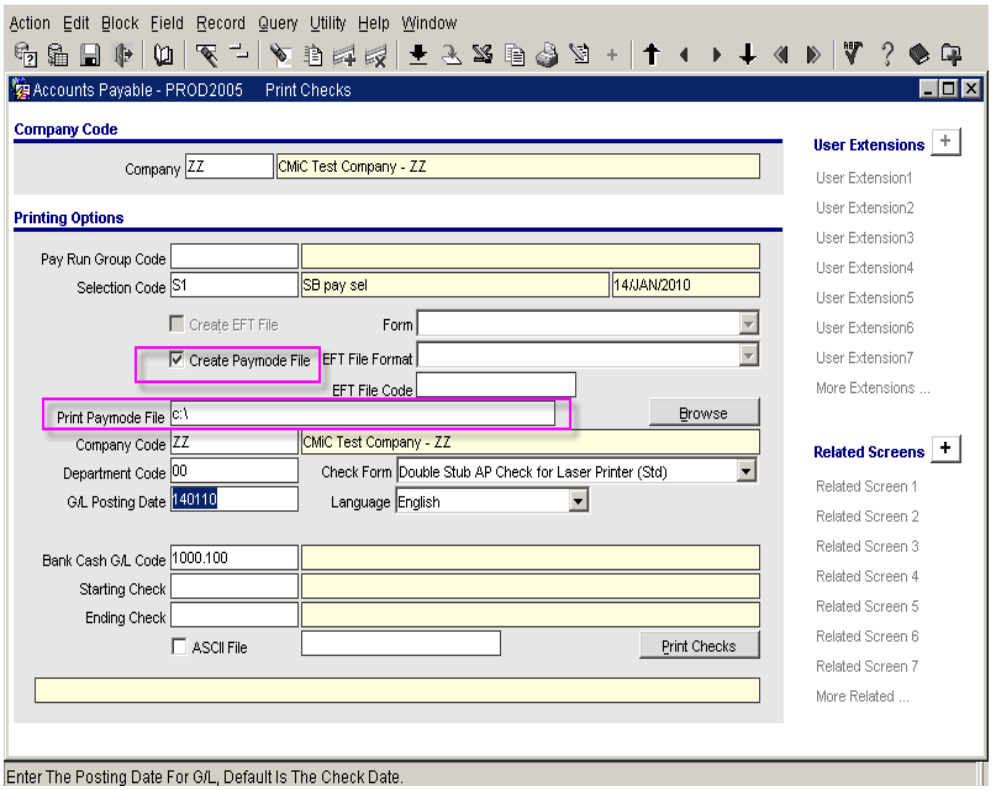
If the user selects a non-payment selection, the following message will be displayed:



Preparing and Printing Checks

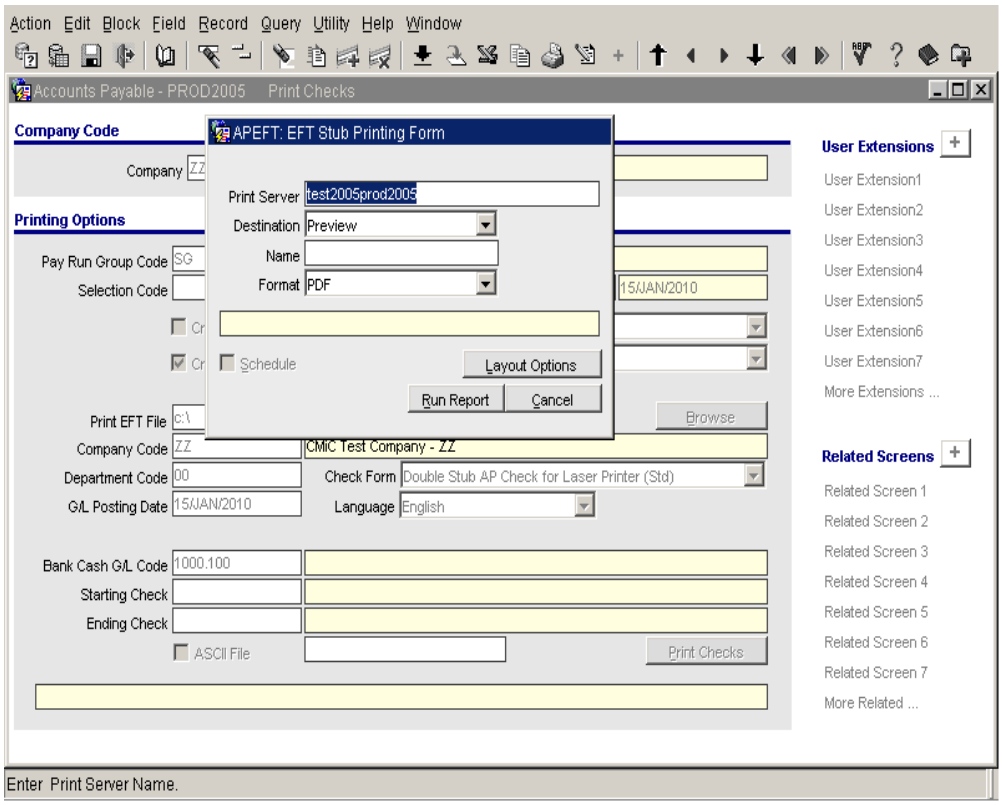
NOTE: When running this new PayMode method or EFT it is advisable to prepare the checks with the '**Use Voucher Bank Acc**' un-checked.

The Check Printing feature has been modified so that if either a PayMode selection or group is entered in the printing options, then the '**Create Paymode File**' checkbox is enabled and the '**Print Paymode File**' label replaces the label for EFT mode.

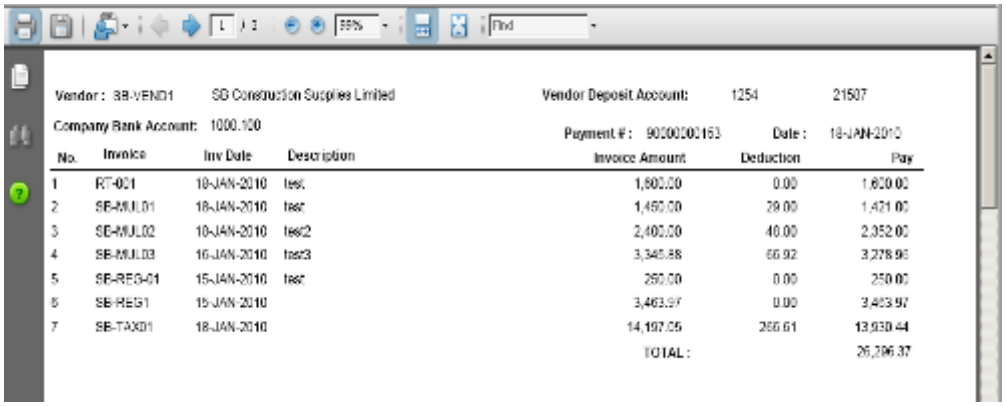


Enter the file path for the PayMode file, and the other appropriate parameters, and click the **[Print Checks]** button.

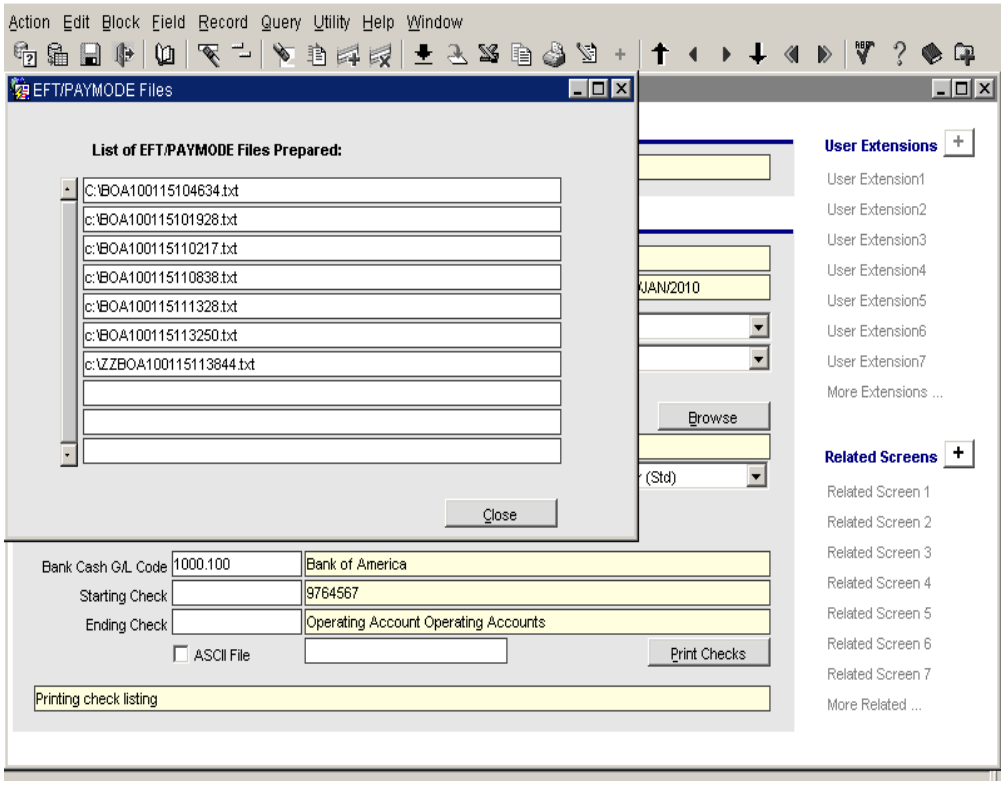
The following screen will be displayed:



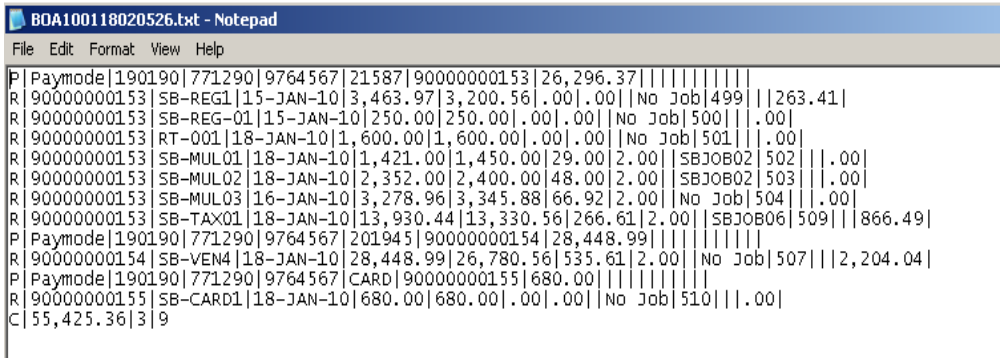
The sample report is shown below:



The Check Draft Report is printed next, after which the popup screen showing the PayMode file generated (pipe delimited) is shown:



Sample of file (pipe-delimited):



EFT Formats

US Bank. (08.23887)

Created a unique EFT file format for US Bank.

Positive Pay File Formats

BOA (CASH PRO) (09.36047)

New BOA positive Pay format (CASH PRO FIXED RECORD FORMAT).

This format will be the same as the standard BOA except with a new field Issued/Voided that will be added between the Date and Payee info.

Northern Trust Bank (09.42052)

Added a new positive pay file format for Northern Trust Bank – "Northern Trust" for AP.

Private Bank (10.44534)

Added a new positive pay file format "PVT-BANK" for Private Bank.

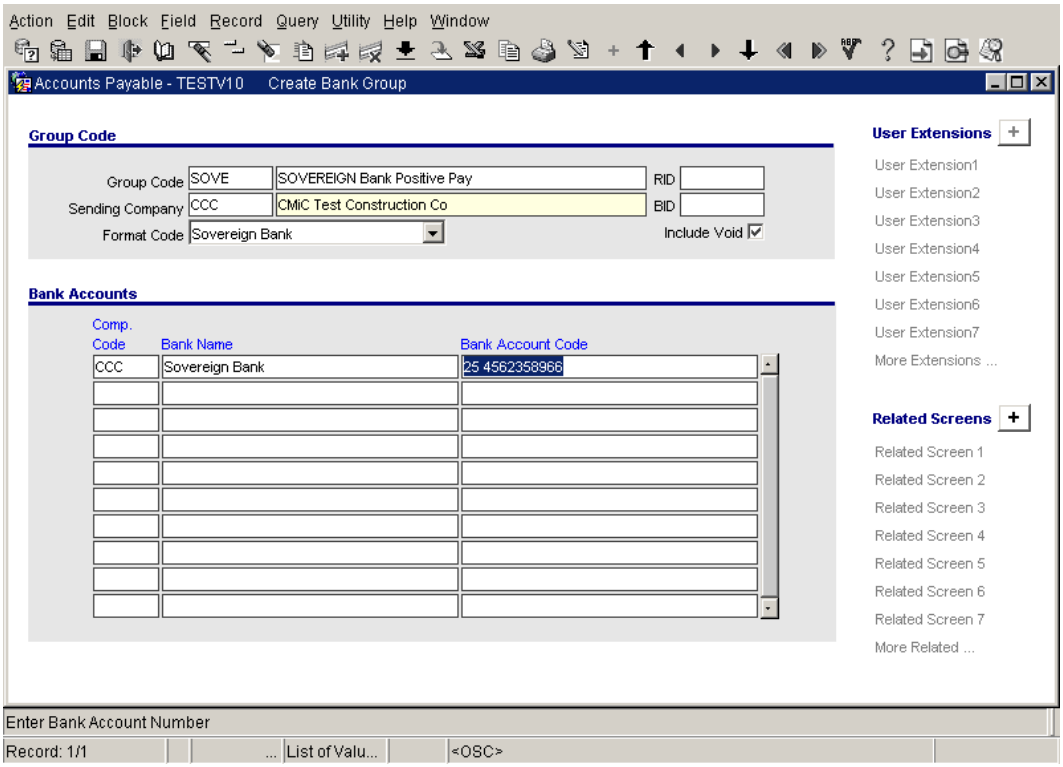
Wachovia Bank (09.35912)

Added a new positive pay file format for Wachovia Bank – "Wachovia First Union" for AP and PY.

Positive Pay Format for United Bank (10.52568)

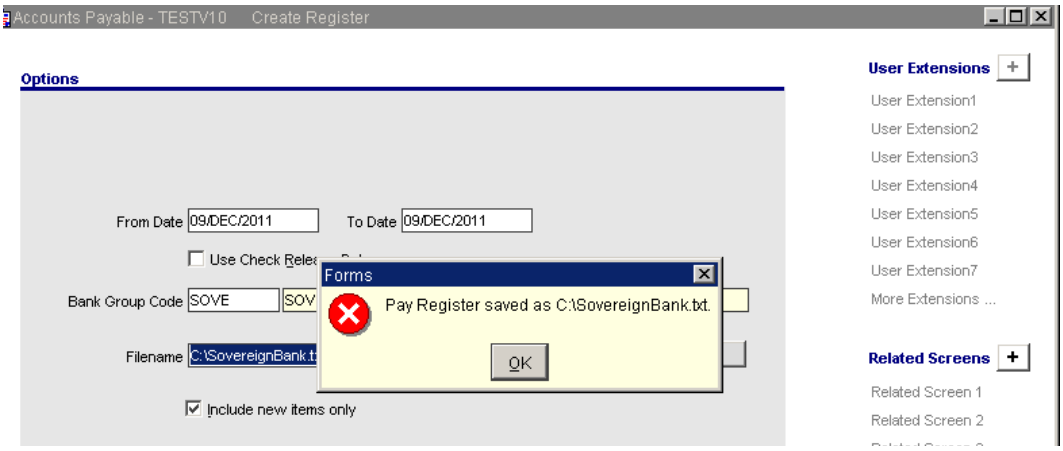
Added new positive pay format (AP and PY) and bank reconciliation format for UNITEDBANK.

Positive Pay File Format for Sovereign Bank (11.60535)



When creating a Bank Group, the Format Code LOV now has Sovereign Bank as an item in the list. Users may select and enter the required bank account information as shown in the screen.

Once a bank group is created, users may create Positive Pay Register by selecting the Bank Group Code for Sovereign Bank and enter a file path with extension '.txt'. The test file



The Text File field layout is shown below

Column/Length		Field	Value / Format	Example
01	01	Record Type	Constant '6'	6
02	01	Status Code	2 = Add Issue 4 = Void Issue	2
03	02	Account Number Length	Constant '17'	17
05	04	Filler	Spaces	
09	04	Bank Number	Constant '3037'	3037
13	10	Filler	Spaces	
23	17	Account Number	Right Justified, Zero Filled, No Dashes.	00000012345678999
40	10	Serial Number (Check Number)	Right Justified, Zero Filled Must be greater than 0 and less than or equal to 9999999999.	0000001001
50	10	Issue Amount	Right Justified, Zero Filled. No decimals, Last two most positions are cents.	0000005055
60	06	Issue Date	YYMMDD	070131
66	15	Payee ID Number	AlphaNumeric, spaces if not used. Optional, Customer defined	OPTIONALFIELD1
81	40	Region/Dept Name	AlphaNumeric, spaces if not used. Optional,Customer defined	OPTIONAL-CUSTOMER-DEFINED-FIELD-2
121	80	Payee Name	AlphaNumeric, Payee Name	ABC Services Company

Combined AP and PY Positive Pay Files (08.29491)

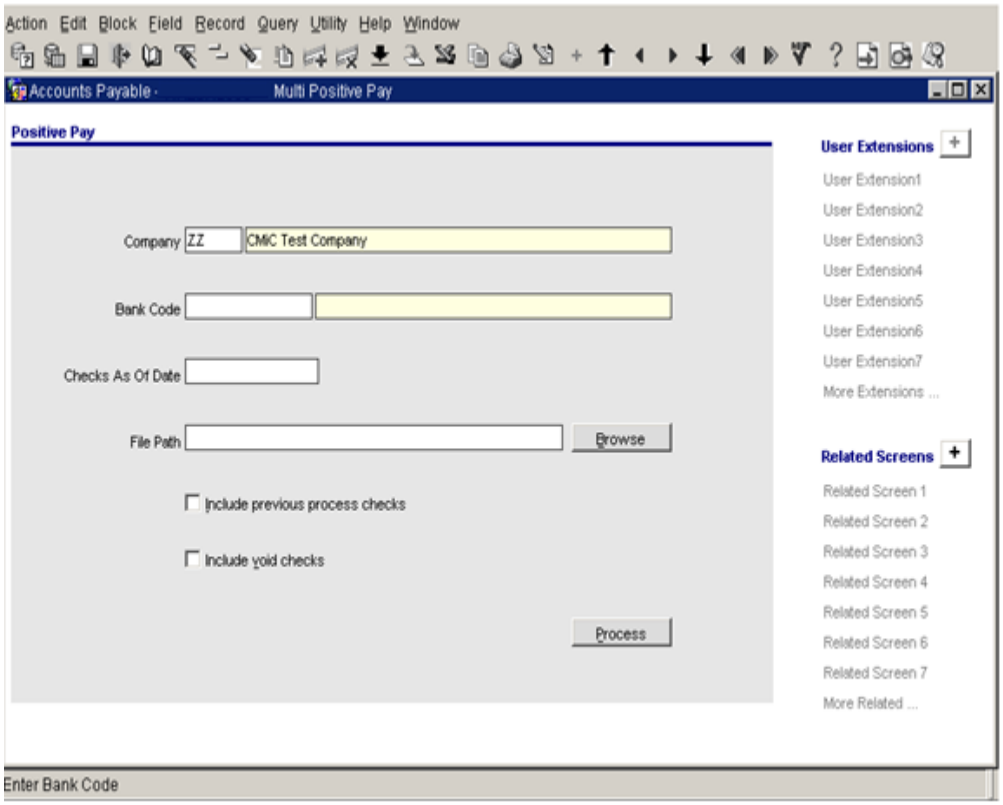
Made a number of changes to accommodate a combined Accounts Payable and Payroll Positive Pay file. The changes are outlined below.

Bank Maintenance

Added fields for the Bank Positive Pay File format and the Bank Positive Pay Output File Name.

Multi-Positive Pay screen

This new screen can be accessed either from AP > Custom Programs or from PY > Custom Programs.



Include Checks As of Date

Checks with a check date or a Void Date up to and including this date will be selected.

File Path

This is the location for the files to reside and must end with a '\' eg. C:\Extracts\

Files will be created with the file name(s) entered in the Bank Maintenance screen field Positive Pay Output File Name for any checks which satisfy the input parameters.

Include previous process checks

This flag is used to indicate that all checks should be included regardless of if they've already been sent.

Include Void Checks

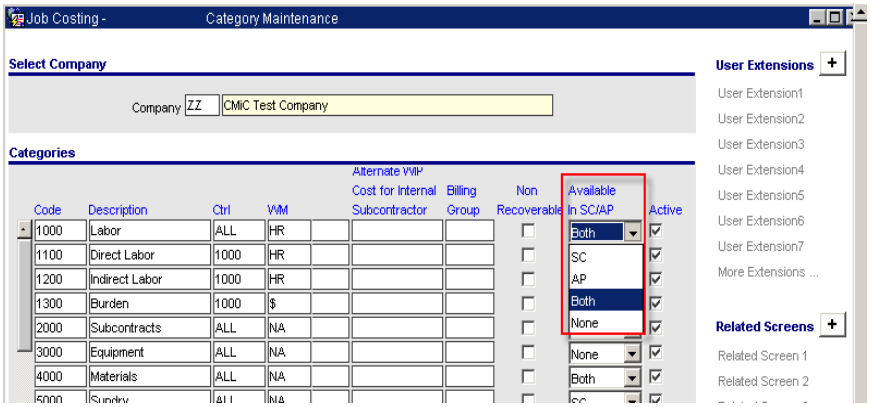
Flag to indicate that void checks should be sent.

Users can run the process by Company Code alone, by Company and Bank Code, by Bank Code alone or with none of these parameters.

If run by Company Code alone or No Company or Bank Code it will create multiple Positive Pay files, one for each bank found and the data may be across companies.

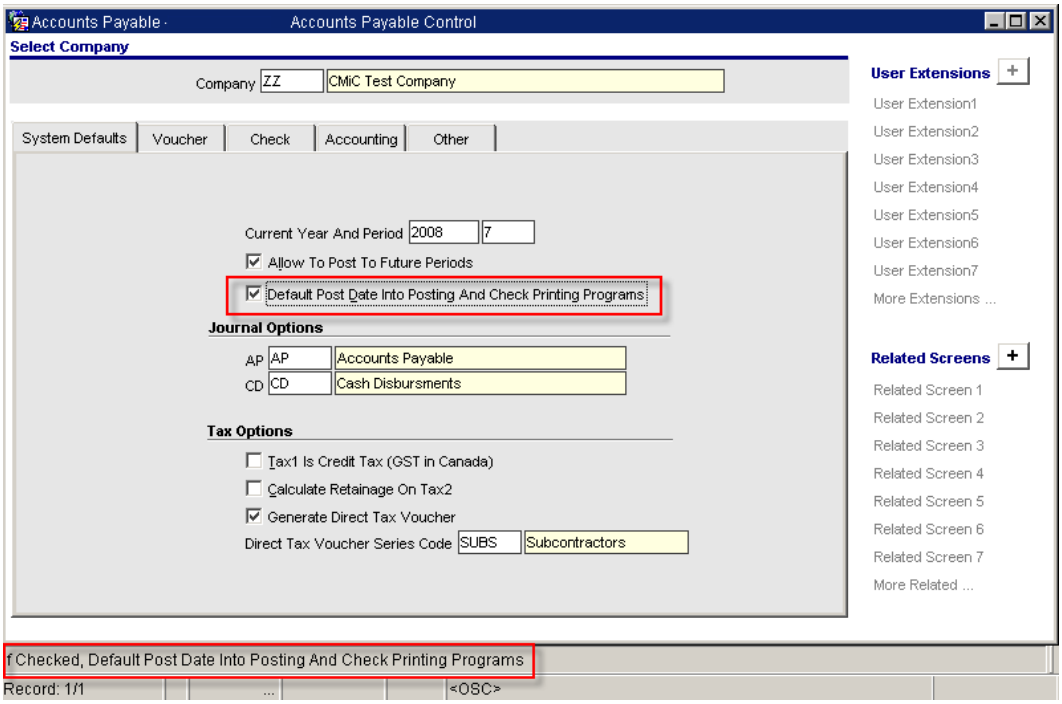
Click the **[Process]** button to initiate the file creation activity. Messages will be displayed as the activity progresses.

Limiting JC Categories in AP and SC (08.23438)



Modification to limit the Categories that may be used with reference to AP/SC Transactions.

Default the Posting Date for AP, AR, SC (08.24433)

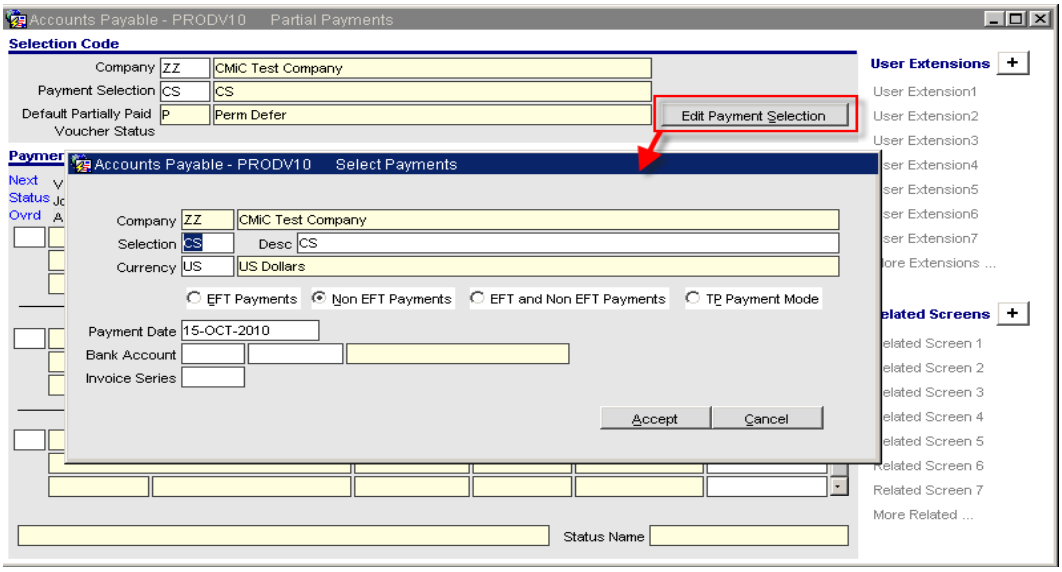


A new flag has been added to the AP and AR Control Files. These flags will indicate if the Posting Date is to default into any AP, AR or SC program that posts an AP Voucher or AR Invoice. (APPST.fmx, ARPST.fmx and SCREQPST.fmx) - By default this flag will be checked - as this is the current functionality of the system.

If this flag is un-checked these AP and SC programs will be changed to show the Current AP period as they currently do, but also the next two open periods as defined by the GL Period table will also be shown in the same format of Period, Starting and Ending Date. There two new rows of data will display directly below the current Period, Starting and Ending date.

The posting date in the AP Void Voucher, Void Check, Print Check and Check Posting programs will not be automatically pre-filled if the flag on the AP control file 'Default Post Date into Voucher Posting Programs' is unchecked.

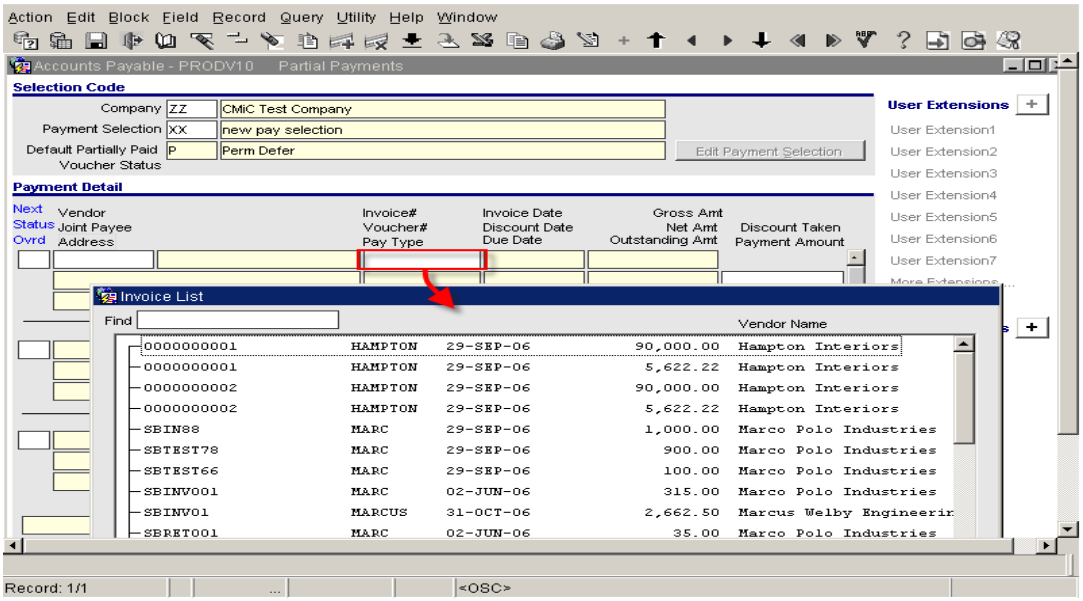
Adding Invoices to a Payment Selection (08.24434)



The **[Edit Payment Selection]** button is only active when the user is in the Payment Selection Code section of the Partial Payments screen. The new popup-screen is used to create a new payment selection or change the selection parameters for an existing payment selection, in order to incorporate additional invoices in the pay selection.

The list of available invoices will be limited by the parameters entered against the Payment Selection Code - except Payment Date. Invoices that are already included in a payment selection will not be shown in the multi-select LOV (list of values) of invoices.

To add an invoice to the selection code, tab (or press 'Enter') to the next available invoice field as shown below. Double-click in the field to access the LOV:



Select the voucher(s) you wish to add and click **[Accept]**. The invoices are brought into the Partial Payment screen.

AP Check First Signature Option (08.23088)

1) A new check box field will be added to the Bank Account "Check Options" window. This new field is labeled:

'**Select First Signature Name during Check Printing Process**'. The default for this field will be unchecked (N).

2) If this new field is checked the 1st signature file name field on the screen will be disabled and a new **[First Signatures]** button will become active. This button will open up a new window that has a table behind it that has two columns - Check Signer Name and File Name. The Check Signer Name is descriptive only and will be used in the LOV in item 3 to help the user select the required signature (as signatures are not always readable) - The check signer name does not print on the check.

3) The Print Check program will be changed as follows only if the '**Use Voucher Bank Account**' is unchecked.

A new field that will be active only if the 'Select First Signature Name during Check Printing Process' field on the bank account is checked. This new field will have an LOV that shows the Check Signer name and File Name. The user will be required to select the First signature required.

Mandatory Invoice Series Code (08.25552)

The Control Files of AP and SC have been changed to have a flag indicating that the invoice series code is mandatory. There is also a default 'Direct Pay Tax Invoice Series Code' added to the AP control file.

The AP Voucher Entry, Invoice Registry and SC Request for Payment screens in Forms have been changed to validate against this new flag.

The Imaging system validation has been changed to validate against this new flag for both SC Pay Requests and Standard Invoice Registry routines.

The JSP enter SC Pay Request have been changed to utilize this new field.

The AP routines that generate Direct Pay Tax invoices will use the new series code from the control file.

Material Sales - The Truckers Payroll tab of the MS Control file have been changed to have a Default Invoice Series code added. This will then be used by the routines that create AP vouchers.

AP Invoice Code Expanded to 20 Characters (08.28977)

Expanded the AP invoice field size from 11-characters, to 20-characters.

PO Line Variance Applied to Overages (09.35856)

Introduced functionality that will check that the PO Line Variance is an **overage** only, thus excluding cases where the PO Line Variance is less than the amount that is set in the AP Control PO Line Variance Allowance amount.

AP Control – Other tab

Added the checkbox "**PO Line Variance Apply To Overages Only**". When checked, only overages to the PO Line Variance Allowance amount will evoke a message, 'under' variances will be allowed.

Stop Invoice when Detail Exceeds Header (09.41280)

AP Control

Added the checkbox: "**Registered Invoice Distribution Cannot Exceed The Invoice Amount**". When checked, the Registered Invoice program does not allow the user to leave the Distribution block and an error message is displayed.

The same applies when the [**Distribution**] button in the Approve Registered Invoice program is pressed and the user enters the Distribution popup screen.

In both cases the user is not allowed to leave the Distribution popup until the amount is corrected.

Copy Employee Vendors Bank Info to Other Companies (10.44728)

Functionality to allow an employee to become a Vendor in a company other than the employee's home company has been introduced.

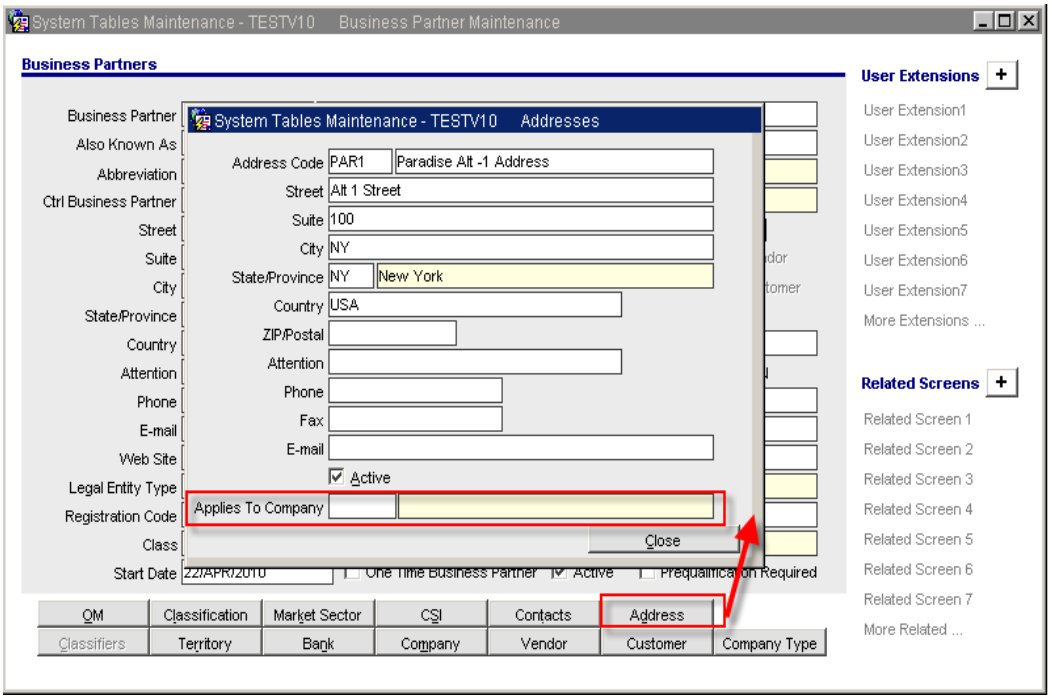
When the user clicks [Process] in the Company popup screen in Business Partner Maintenance, the action will signal the automatic copying of employee vendors' bank information to the company/companies that is/are entered, during copying of the vendor record across companies.

Vendor Field editable in Partial Payment screen (09.36234)

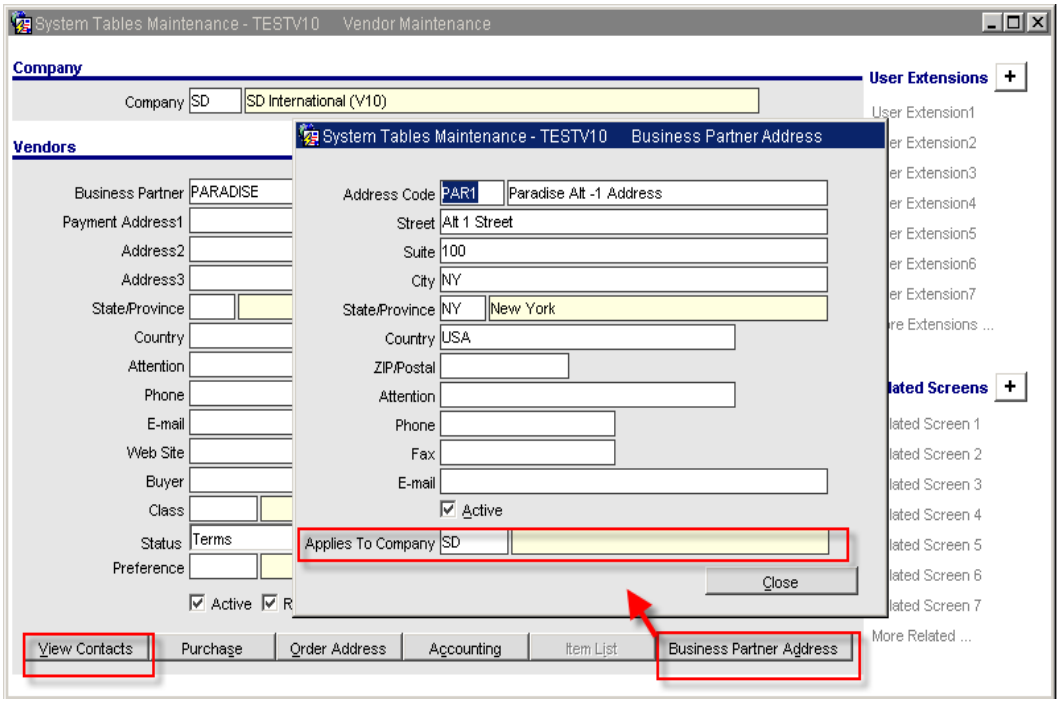
Changes have been made to allow the vendor code field to be enterable. Also, modifications have been made to the LOV query to restrict records based on vendor if not null.

The form will populate the invoice details based on vendor, if the user manually entered the invoice code. If the vendor is null and there is the same invoice against different vendors then the system will pick the first one from the query.

Business Partner Address Codes and Contacts by Company
(10.47030)



Added the '**Applies To Company**' field in the Addresses popup of Business Partners. This field has an LOV which is limited to the companies that the current user has access to. The value selected indicates that this business partner address code is applicable to the Company selected. This company, when assigned, will show in the 'Applies To Company' field of the Vendor and/or Customer record for the business partner as shown below:



Also, the **[View Contacts]** button has been added to the Vendor Maintenance screen. When clicked it will show the standard contacts popup in View mode only and is restricted to display contacts that have an address code associated with the current company as well as any contact associated with the company but not having any address code.

Similarly, in the **JB Contract** and **Subcontract** programs – Alternate address, only the business partner address codes that are assigned to the current company or have no assignment are shown in the LOVs.

Prepare Voucher – Additional Parameters (10.51299)

Applied the following enhancement in relation to Registered Invoices:

Additional parameters for Department Code and Controlling Job have been added on the Invoice Registry - Prepare Voucher launch screen.

Department Code

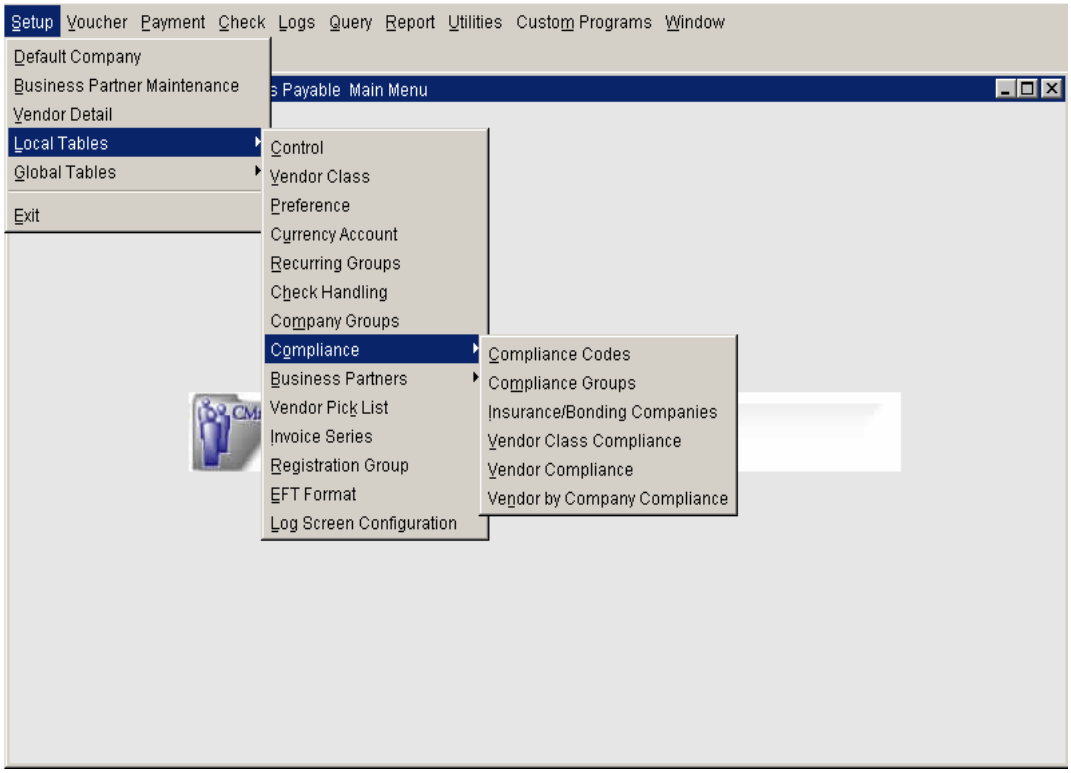
This field will have an LOV and validation that uses Department Security. This field will be used to restrict to registered invoices where the 'Expense Department' on the header of the registered invoice matches the Department entered if the Department Code is not null.

Controlling Job

This field will have an LOV and validation that uses Job Security. The LOV will display only Controlling Jobs. This field will be used to restrict to registered invoices where the Job Code on the header matches the Controlling Job Code entered, or for the Controlling Job if a sub-job was entered on the invoice.

These two work in conjunction with the existing parameters on the screen.

Compliances – Vendor Class and Job Level (10.47033)



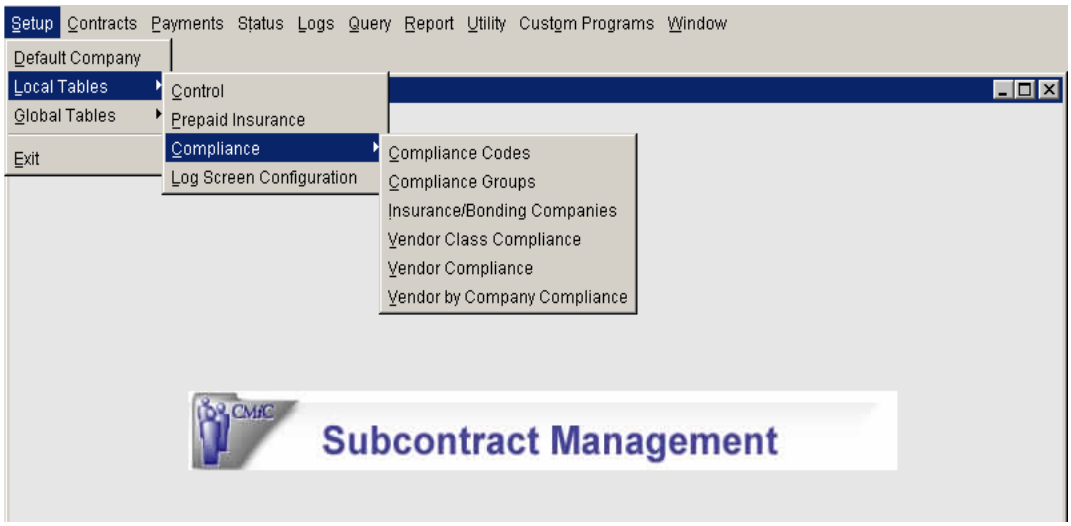
A number of changes have been introduced to allow the specification of compliance codes for VENDOR CLASS, and/or Job level.

Summary of Changes

The setup screens for compliances are found under *Accounts Payable > Setup> Local Tables > Compliance.*

OR

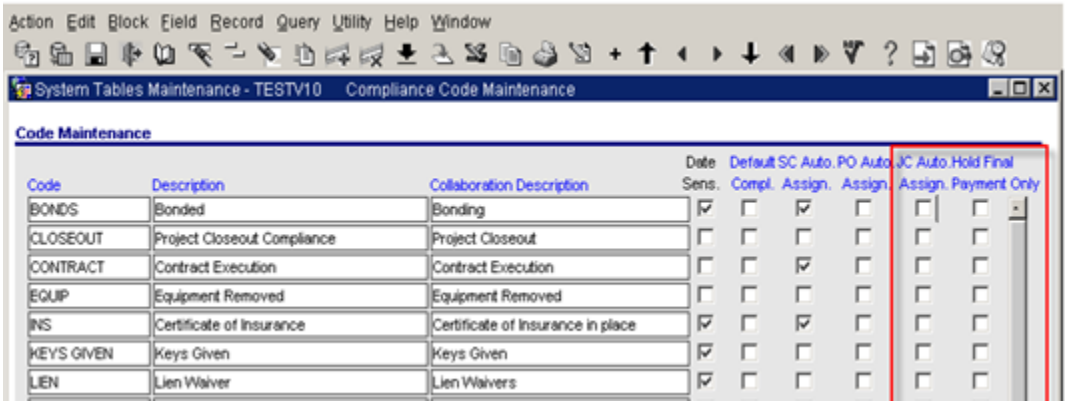
Subcontract Management > Setup > Local Tables > Compliance



1. Compliance Codes Maintenance

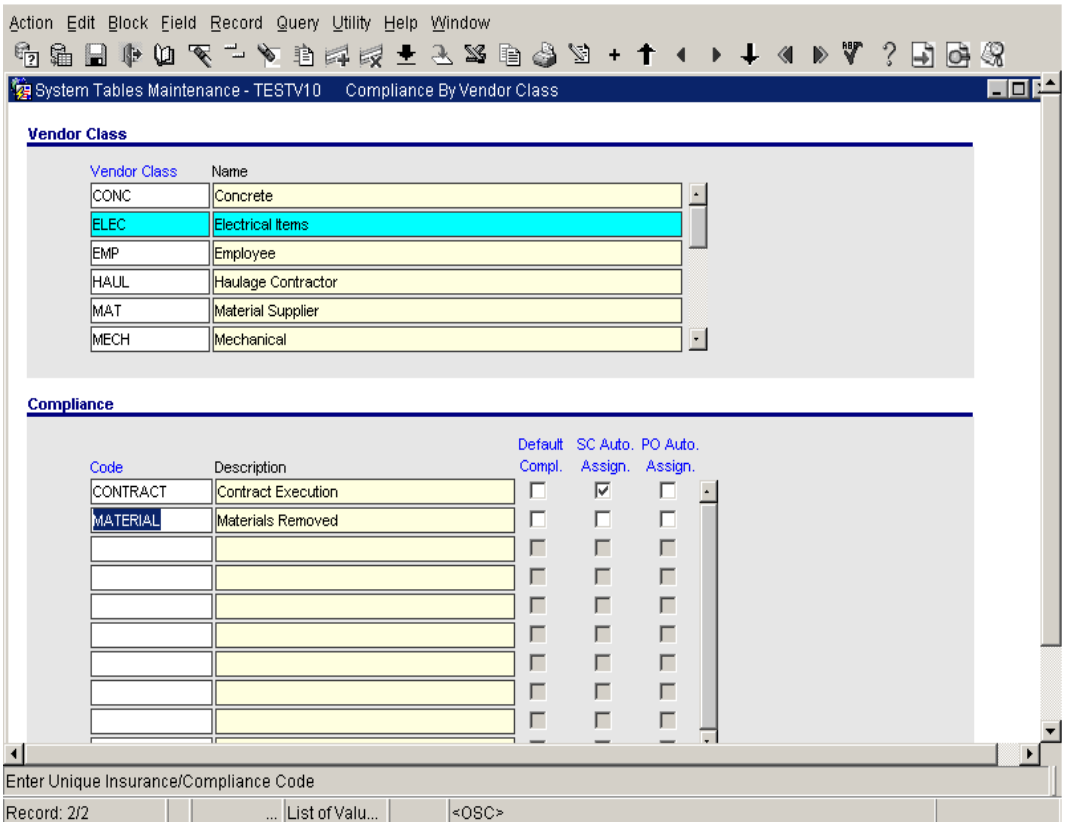
a) Added the 'JC Auto Assign' checkbox to the Compliance Code Maintenance screen. The default value is un-checked. When checked, the particular compliance code is automatically assigned to a controlling job on job creation.

b) Added the 'Hold Final Payment Only' checkbox to the Compliance Code Maintenance screen. The default value is 'un-checked'. When checked, the compliance item will be considered only for a Final Payment Voucher (i.e. the compliance hold will only apply to a voucher that has the 'Final' flag checked as well).



2. Compliance By Vendor Class

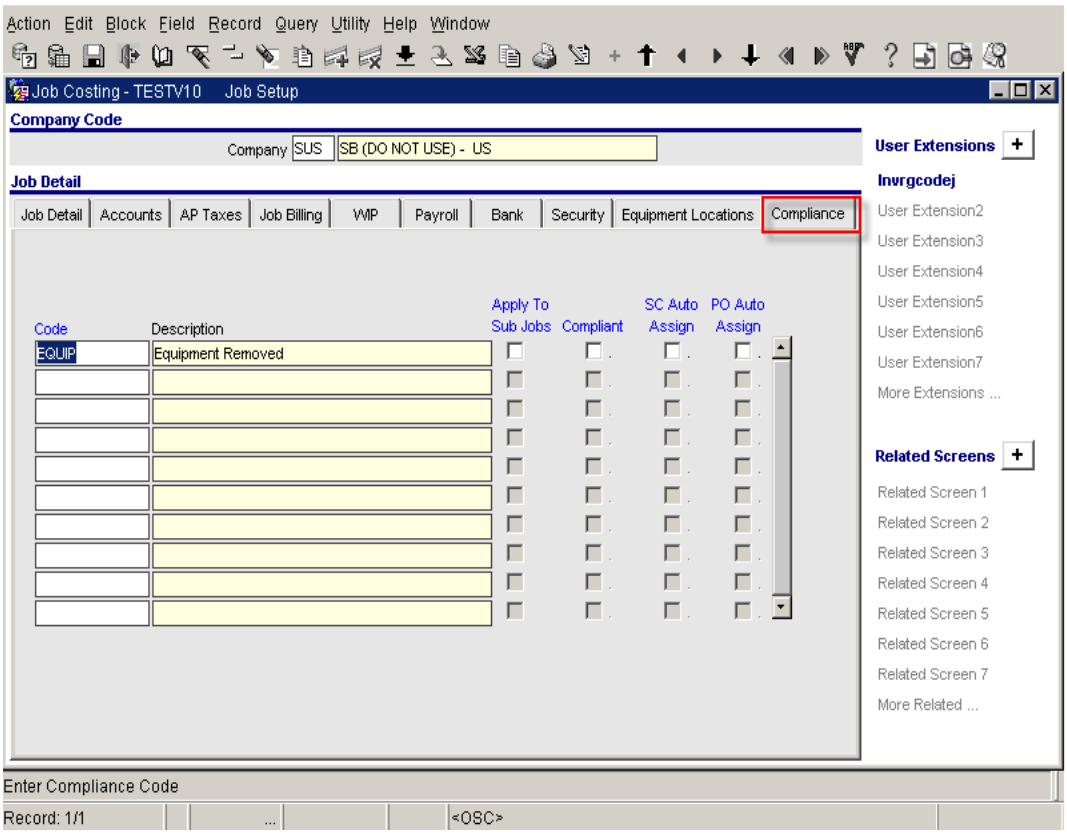
Added a new form for Compliance By Vendor Class:



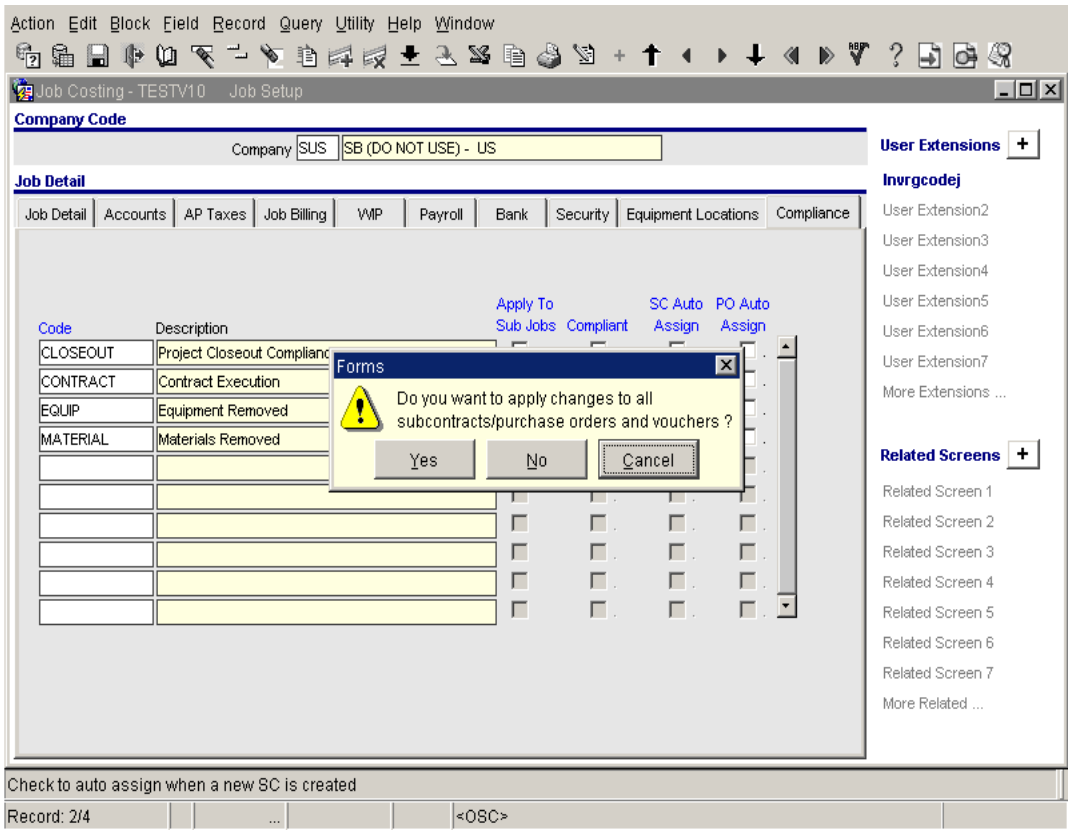
Any compliance code update on the vendor class level will not carry forward to the lower level.

3. Job Setup screen – Compliance tab

Added the Compliance tab to the Job Setup screen.



- Any compliance codes that are checked with '**JC Auto Assign'** will be defaulted in this tab only for controlling jobs.
- Here the user has the option of assigning additional compliance codes to the job as well as indicating whether any or all apply to sub-jobs.
- The compliance code is applied to existing sub-jobs as well as newly created sub-jobs when the 'Apply to sub-jobs' flag is checked. If the compliances are deleted from the controlling job, they are automatically removed from the sub-jobs as well. They cannot be deleted from the sub-jobs individually…it is not allowed.
- Also, any additional assignment that is made against an existing compliance code (eg. SC Auto Assign, Compliant, PO Auto Assign) is applied to the sub-jobs as long as the 'Apply to sub-jobs' flag is checked.
- When changes are made in this tab, a message is displayed asking whether the change should be applied to the subcontracts, purchase orders and vouchers:



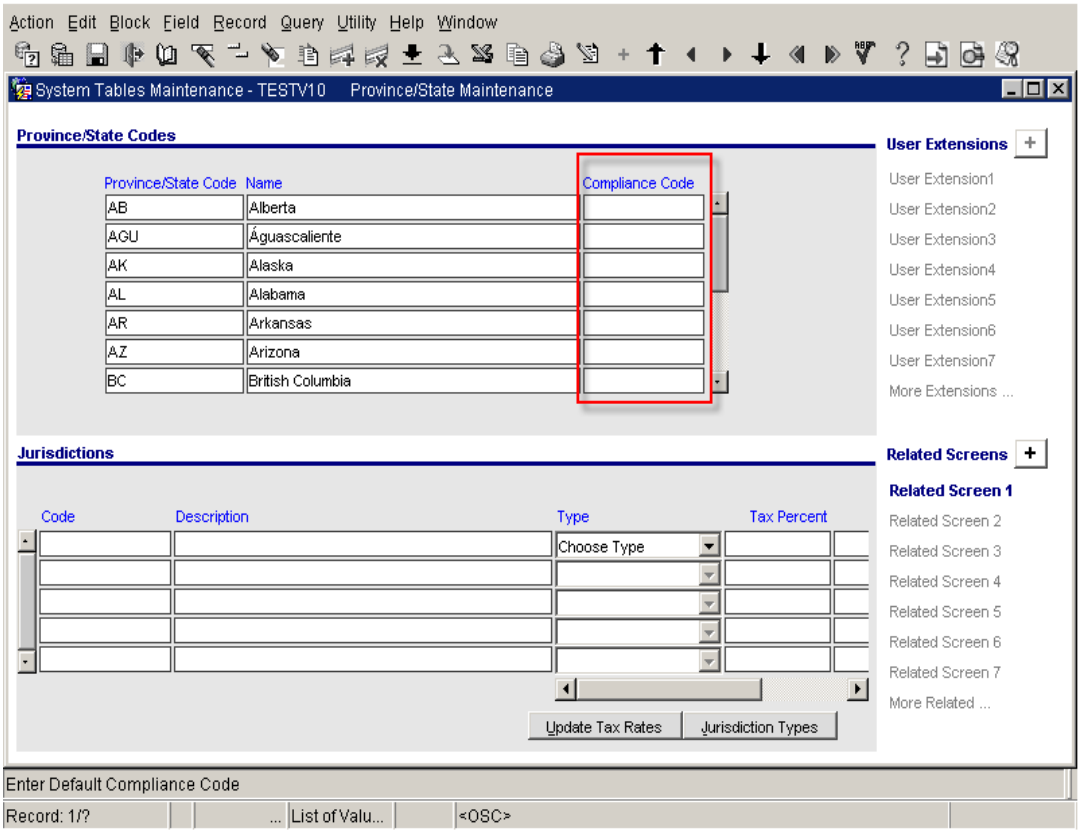
Yes – the changes are saved and applied to all subcontracts/purchase orders and vouchers

No – the changes are saved for the job but not applied to any other records

Cancel – the action is cancelled

4. Global Table – Regions

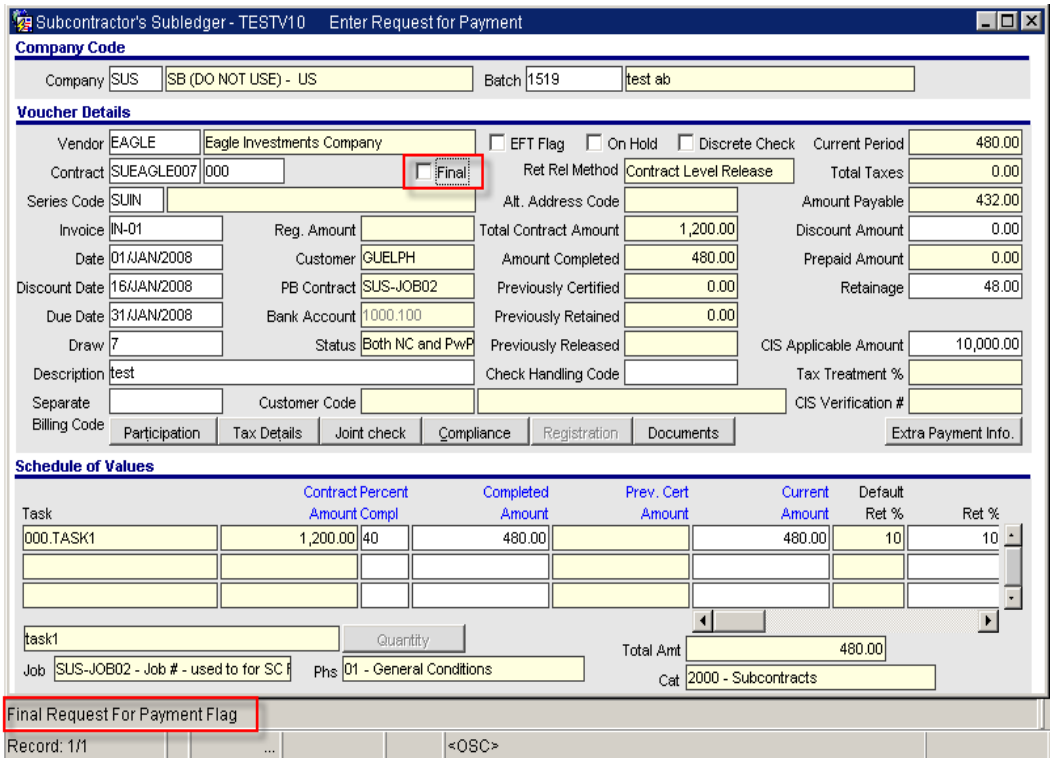
A Compliance column has been added to the Province/State Maintenance screen as shown below. It indicates which Compliance Code is applicable if the Vendor Address State Code does not match the Job Location Code Address State Code. The Subcontract Entry program checks the address and if the State codes do not match, the compliance code assigned to the job region (based on job location) will be added.



The Subcontract Entry program checks the address and if the State codes do not match, the compliance code assigned to the job region (based on job location) will be added.

5. Request For Payment screen – Final flag

The Final flag is added to the screen to indicate whether this pay request is for the final payment.



The flag is automatically updated to ‘checked’ if the Previously Completed plus the Current Pay Request equal the Total Contract Value. The user can override this value.

This flag is used to

a) default into the Print Lien Waivers screen

b) determine if all compliance codes, regardless of the ‘Hold Final Payment Only’ flag should be considered for holding payment.

When a compliance code is marked as ‘Hold Final Payment Only’, it will only be considered on a Final payment voucher.

6. Processing

The hierarchy for applying compliance code is as follows:

1) Job

2) Vendor by company

3) Vendor

4) Vendor Class

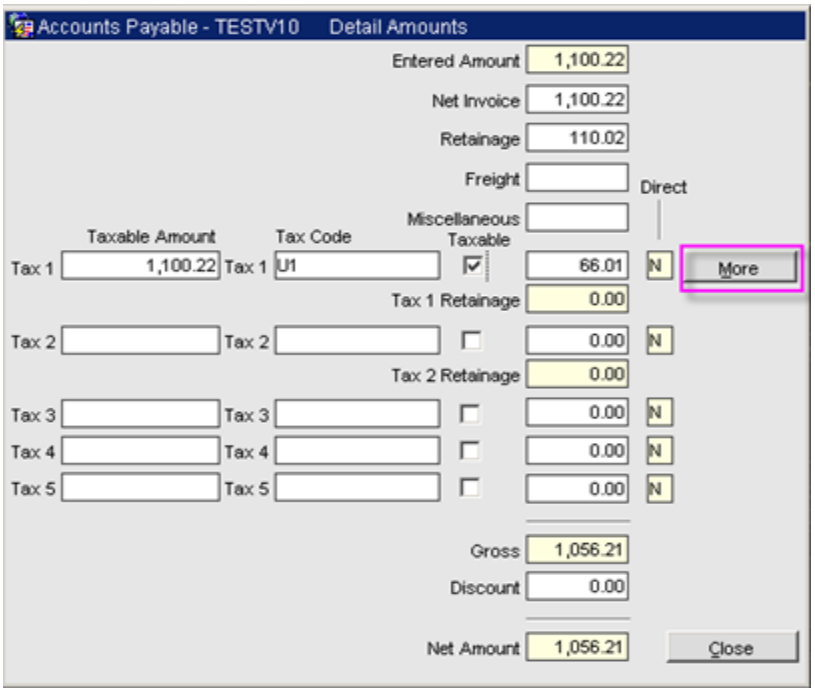
5) Compliance Master

If a compliance code assigned to the contract/pay request is not compliant but the Hold Final Payment Only flag is un-checked, then the voucher will not be considered on payment hold.

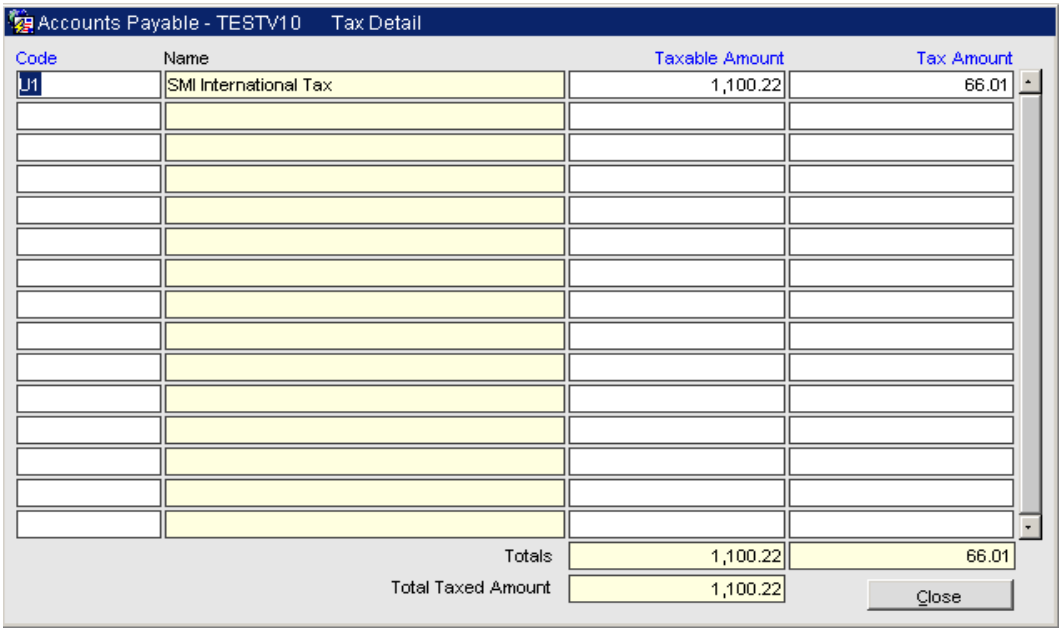
Auto-Populate Check Reconciliation Date(11.58763)

Added a new flag "**Automatically Populate Check Reconciliation Date**" to the AP Control file. The Check Reconciliation date updates the reconciliation date in the Check Posting screen when posting the check run. The Check Release date is also updated with the Check Release date from the Check Posting screen

Voucher Entry - More Tax Details (11.55618)



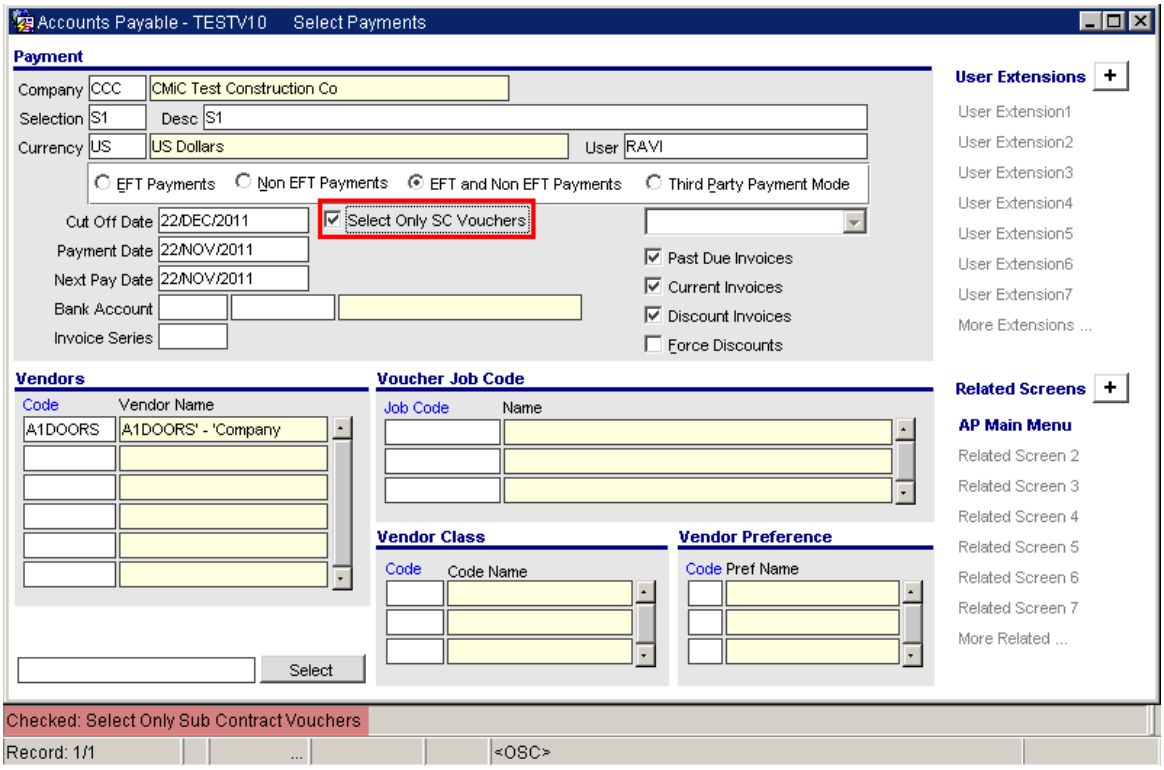
A **[More]** button has been added to the Tax Details pop-up of Voucher Entry, which allows for an unlimited number of tax allocations to be entered against one of the existing tax lines (i.e. Tax1).



The full amount of the tax will be posted to the Accrual Account associated with Tax1, and the detailed list of allocations will be available for reporting purposes at month end when preparing the remittance.

Select Payments – SC Vouchers Only (11.55787)

The Payment Selection screen is modified with the addition of a check box '**Select Only SC Vouchers**'. The default value is un-checked. When checked, the program would select vouchers that are associated with a subcontract.

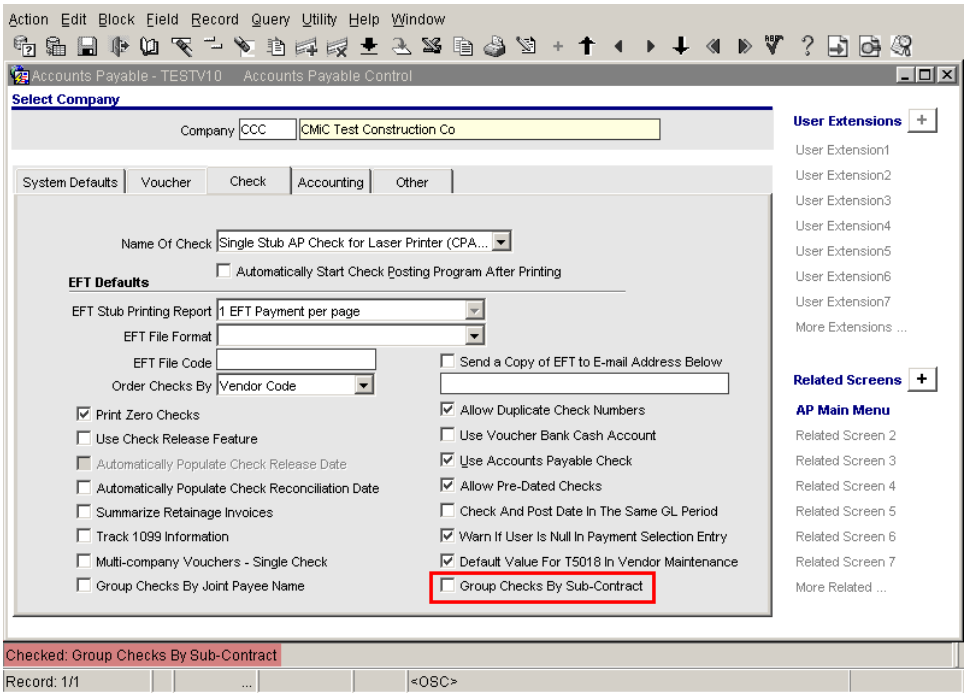


Paysel.fmx

Vouchers created from Subcontract Pay Request Entry, AP Voucher Entry for a subcontract and those created Registered pay requests for subcontracts from imaging system all are considered 'SC Vouchers' because, the Voucher table for these records has the Contract / Change code populated.

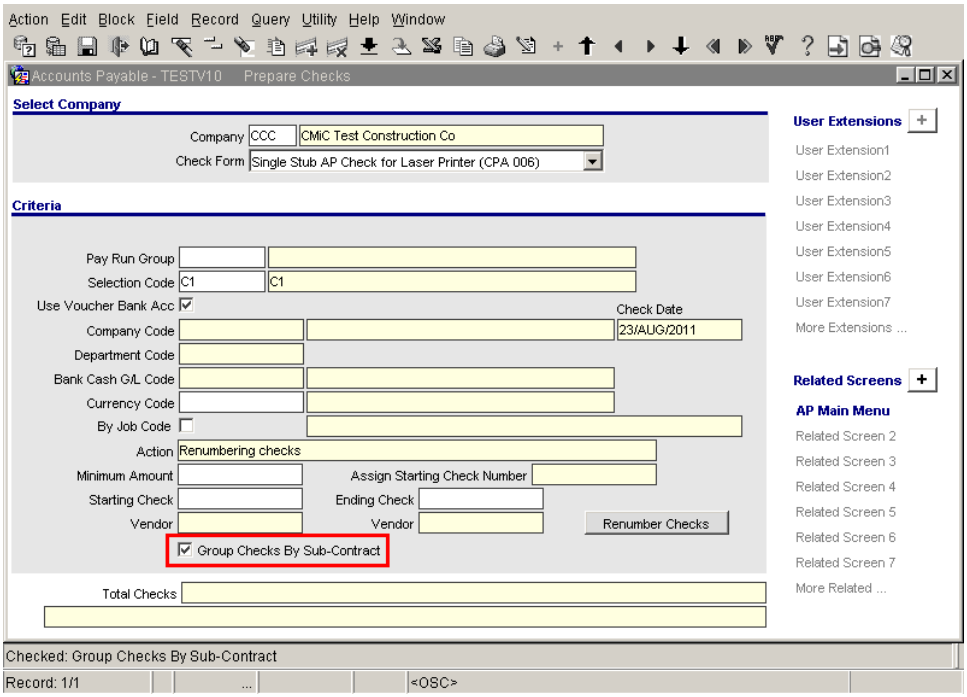
Field Security may be applied to this check box, if required.

Group checks By Sub-Contract (11.58620)



AP Check Preparation program is enhanced to group checks by Subcontract.

A check box ‘Group Checks by Sub-Contract’ is added to the Check tab in AP Control. The default value is un-checked. This value defaults into ‘Group Checks by Sub-Contract’ check box in ‘Prepare Checks’ screen.



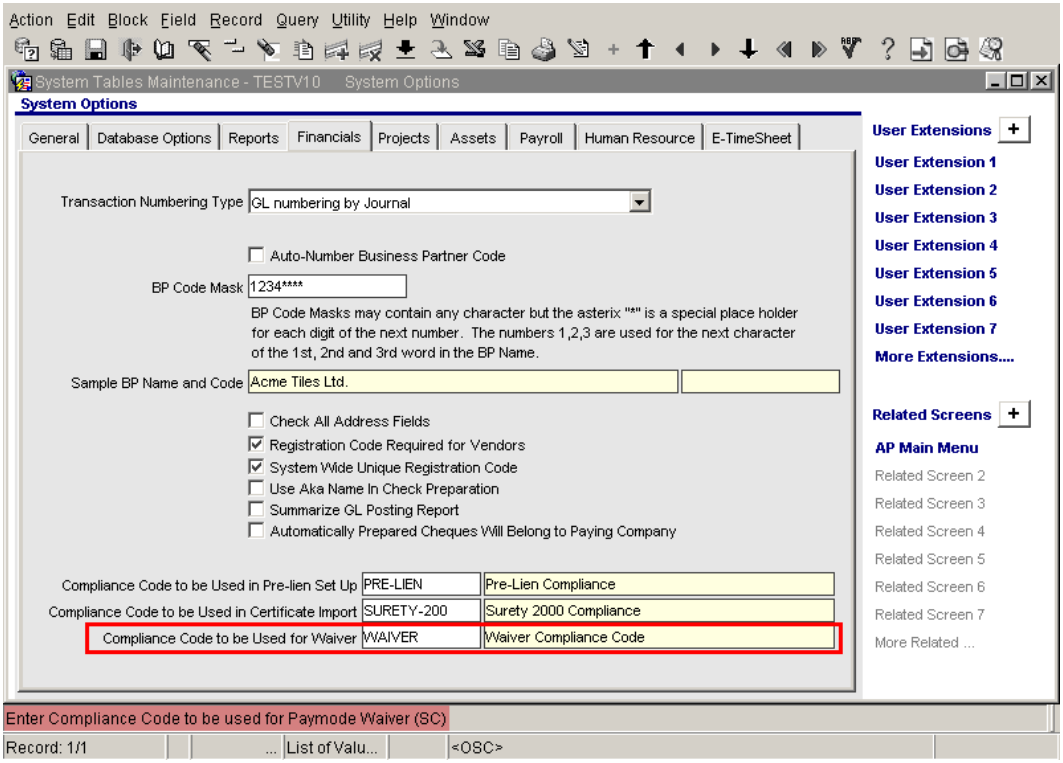
When checked, the checks will be grouped based on the subcontract code on the vouchers.

Users must note that the various other options for grouping checks, such as Vendor file > 'Multi Company Vouchers – Single Check' and 'Discrete Check' are overridden by this flag during check preparation and checks are grouped by Sub-Contract Code only.

Third Party Paymode - BOA Paymode (11.57757)

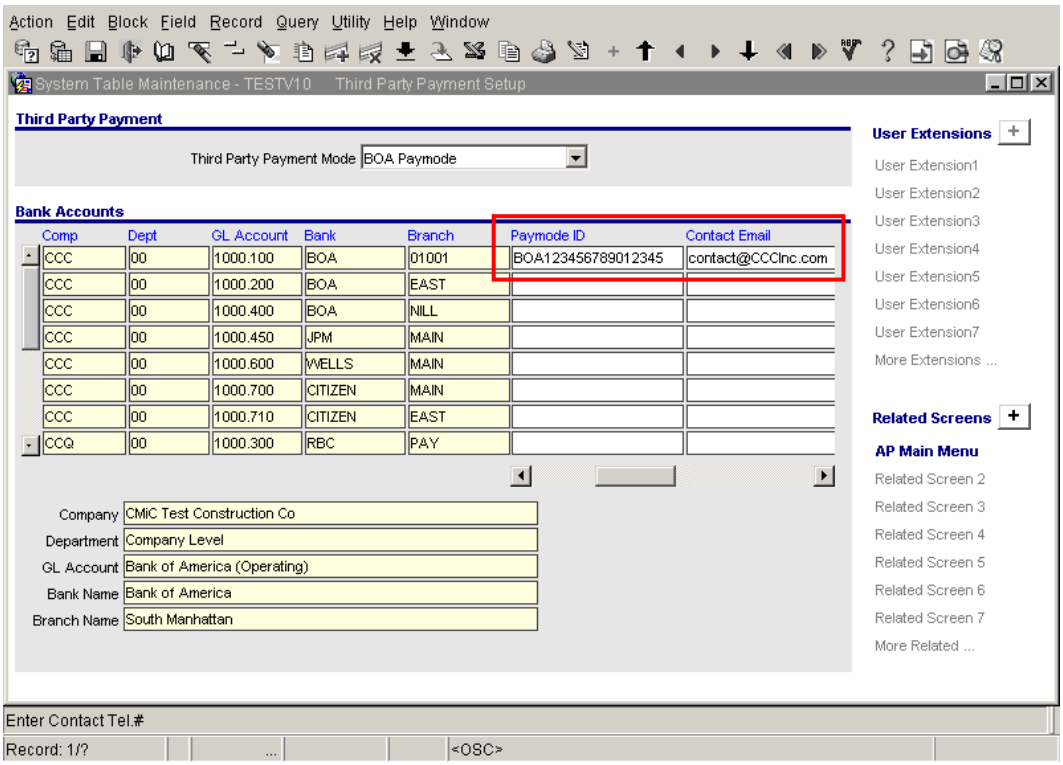
Enhancement to support Paymode Process for Bank of America

Modifications



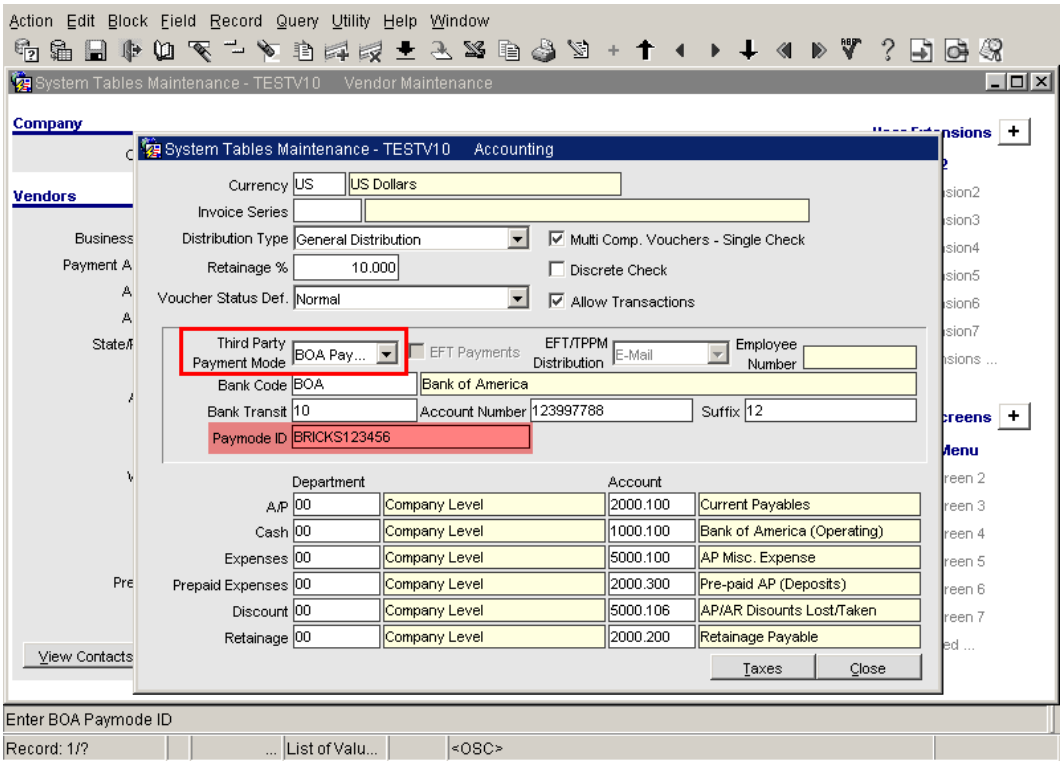
System Options (sysopt.fmx)>Financials Tab

The system options screen is modified with the addition of a field 'Compliance Code to be Used for Waiver'. Users may enter or select a valid compliance code from the list. This compliance code will be used to update the subcontract compliance file during the AP Check posting for BOA Paymode process.

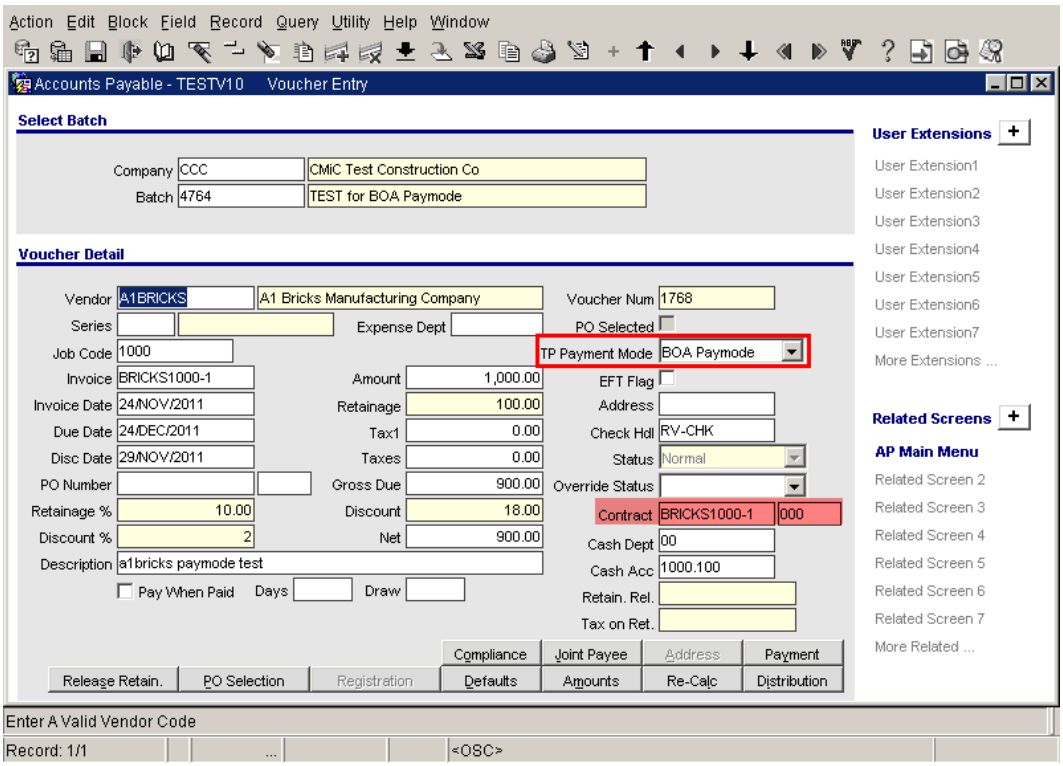


Global Tables>Banking>Third Party Payment Setup

The third party payment setup screen is modified with a additional option of 'BOA Paymode'. Users may maintain the Paymode ID and Contact Information such as Email and Telephone number. It is enough, if an entry is made for a company once.



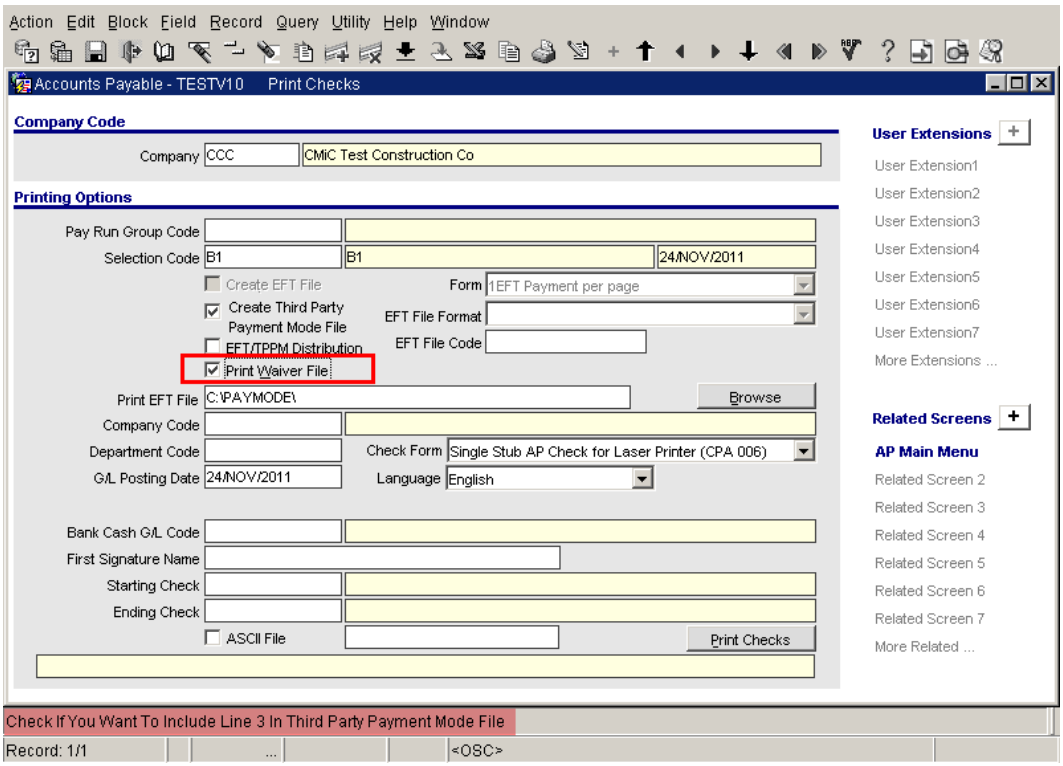
The Vendor Maintenance screen is modified with the addition of the ‘BOA Paymode’ in the Third party Payment Mode drop down list. When selected, the Paymode ID field is enabled and users may enter the Paymode ID as provided by the bank.



Voucher Entry

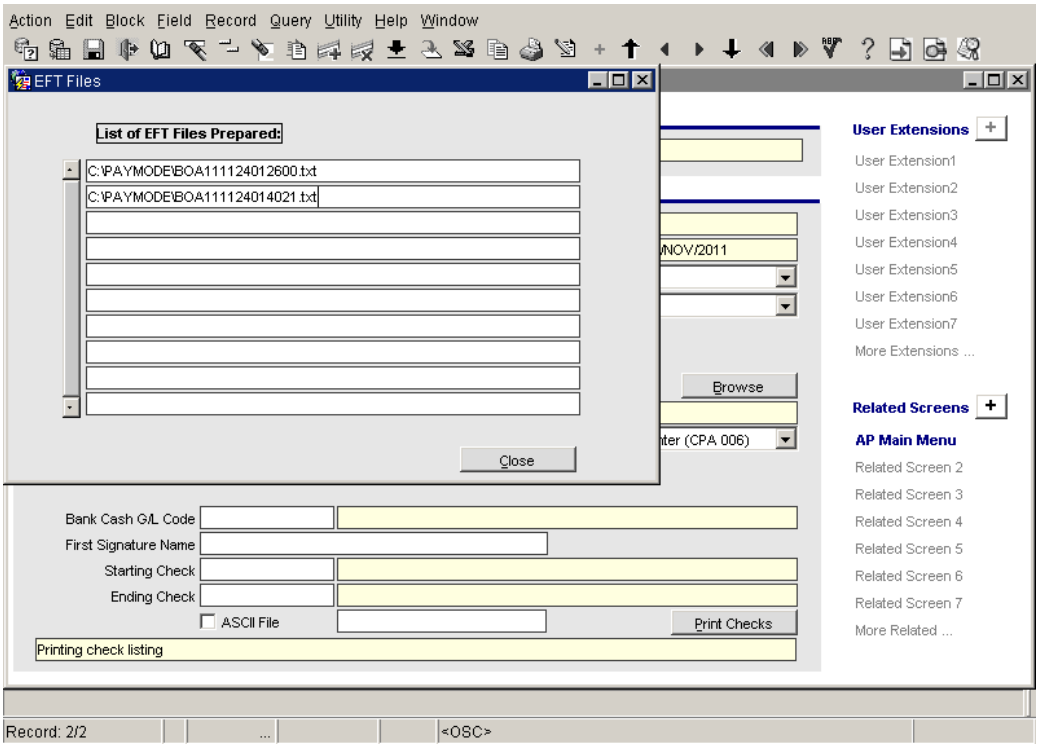
The voucher entry defaults the Paymode from vendor file. Users may select required subcontract from the LOV. If there is no subcontract code then the compliance code will not be inserted into subcontract during check posting.

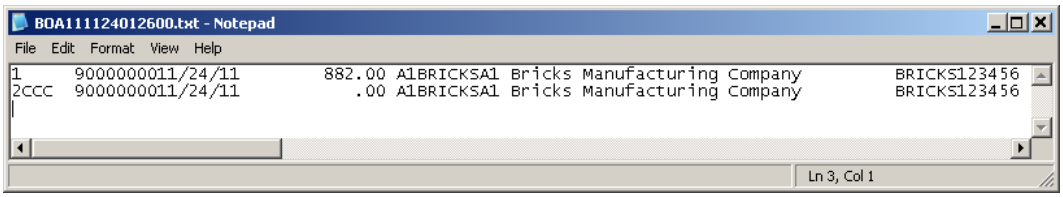
The payment selection screen allows the users to filter the selection based on Third Party Payment Mode option, which is an existing functionality. The 'BOA Paymode' option is available in this list.



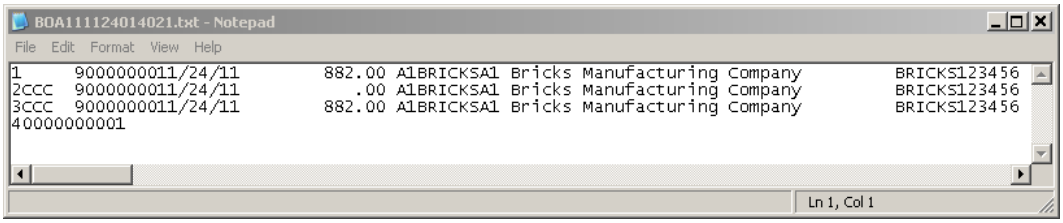
Check Printing Screen

The check printing form defaults the Third Party Paymode selection flag from the payment selection. When this is selected, the EFT related fields are not enterable. Users must enter a valid file path for the output file. A new check box 'print Waiver File' is added to the screen. When selected, Line3 will be added to the outputfile. Once printed, the following popup opens up with the list of text files created.

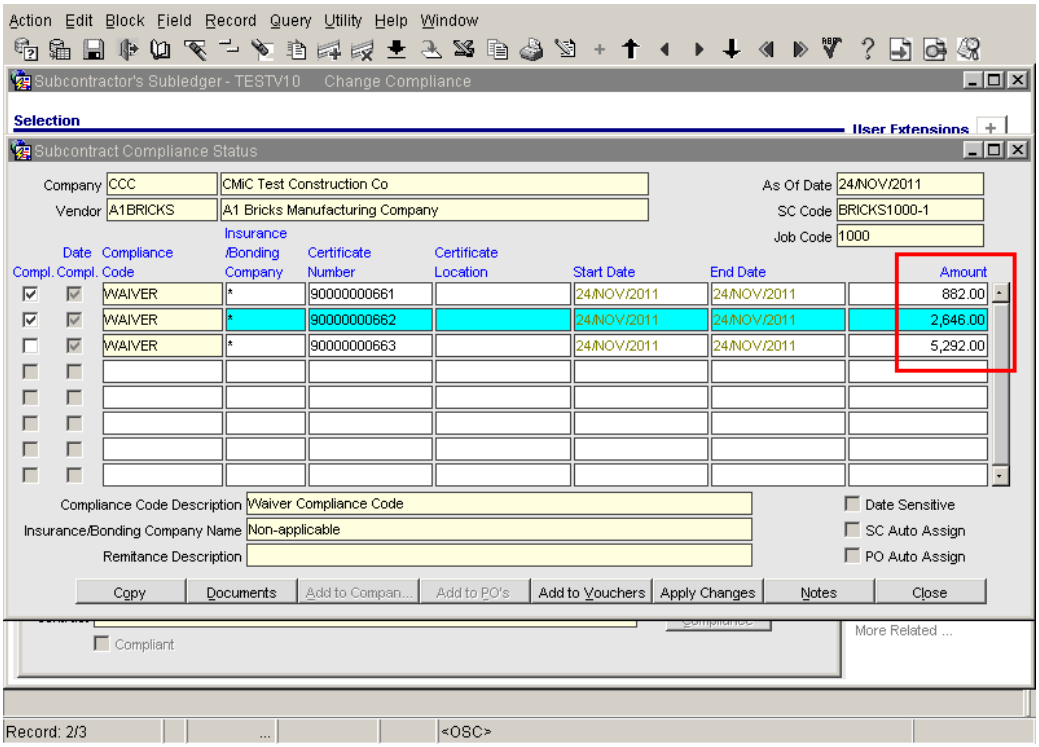




The above shows the text file for BOA Paymode type created by the check printing program (No Waiver option selected during check printing)



The above text file shows Line3 as well because, with Waiver option was selected during check printing.



The Subcontract Compliance Status popup shows the Compliance Code as maintained at System Options is assigned to the subcontract and sets the compliance flag to 'N'

Compliance flag	=	'N'
Date Compliance	=	'Y'
Certificate Number	=	Payment Number
Start Date	=	Check Date
End Date	=	Check Date
Amount	=	Total Payments to Date

NOTE:

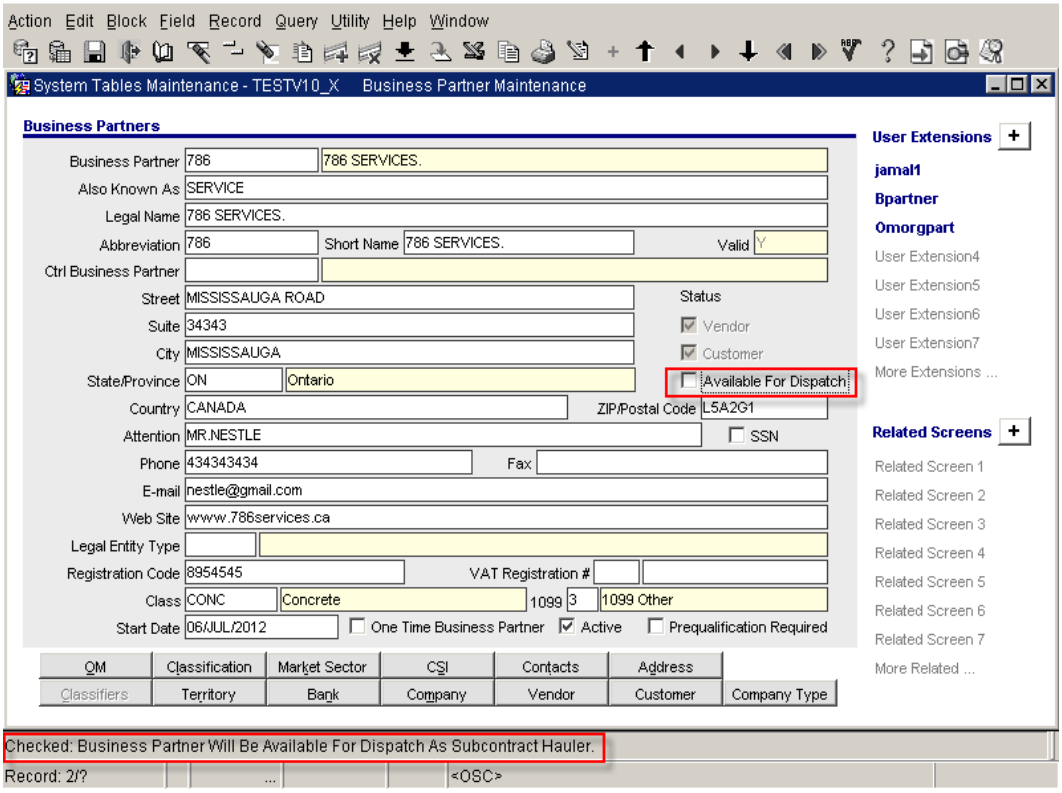
Users must manually update the Compliance flag to 'Y' in order for the voucher for this vendor to be selected for payment again.

Also note that the Date compliance start and end dates are same (check date) the Date compliance will fall off the next day. Users may have to update the End date for all these records in order for the vendor to get paid next time.

The Amount field shows cumulative total of the amount paid up to the current payment.

The vouchers from registry entry and subcontract pay request are also processed for BOA Paymode similar to vouchers entered from voucher entry screen.

Available For Dispatch flag in Business Partner (11.61407)



Added a 'Available For Dispatch' checkbox to the Business Partner Maintenance screen to indicate that the business partner is being used in the Dispatch module as a Subcontractor Hauler.

Modifications to Dispatch (11.61407)

Added the following:

Dispatch Entry:

- The option to select a vendor instead of a driver for Subcontracted Moves

- The ability to schedule this driver regardless of time / resource constraints

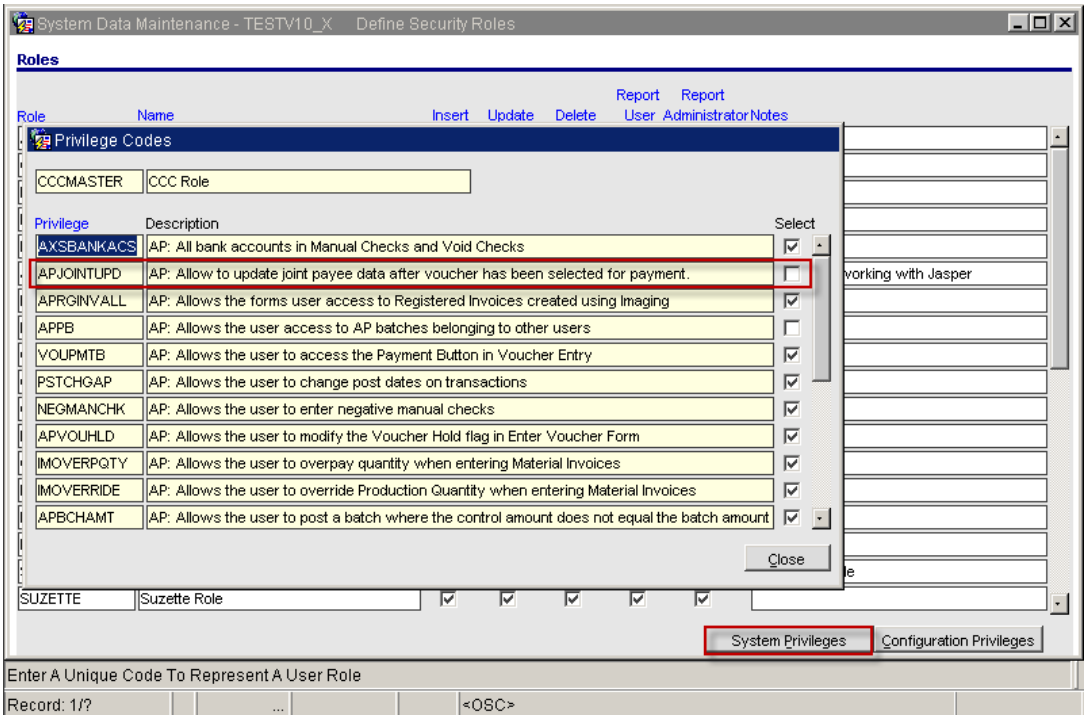
Driver Scheduling:

- Added functionality to select a Subcontractor Hauler instead of a driver for the Heavy/Ad-hoc Moves.
- Added ability to schedule a Subcontractor Hauler regardless of time/resource constraints

Schedule Move Query

- Added Subcontractor Hauler functionality

Privilege to allow update of Joint Payee Info in Adjust Voucher Status Form (12.74154)



A privilege 'APJOINTUPD' is added to the system for AP application. Users may set the flag as 'Y' for specific roles or users in order to allowing the update of joint payee information in adjust voucher status form in a specific scenario.

Existing Functionality:

The Adjust Voucher Status Form does not allow update of Joint Payee Information of a voucher, which is already included in a payment selection. The records are display only. In order to update the vouchers, users have to remove the voucher from pay selection and then update the joint payee information as needed then once again include in the pay selection.

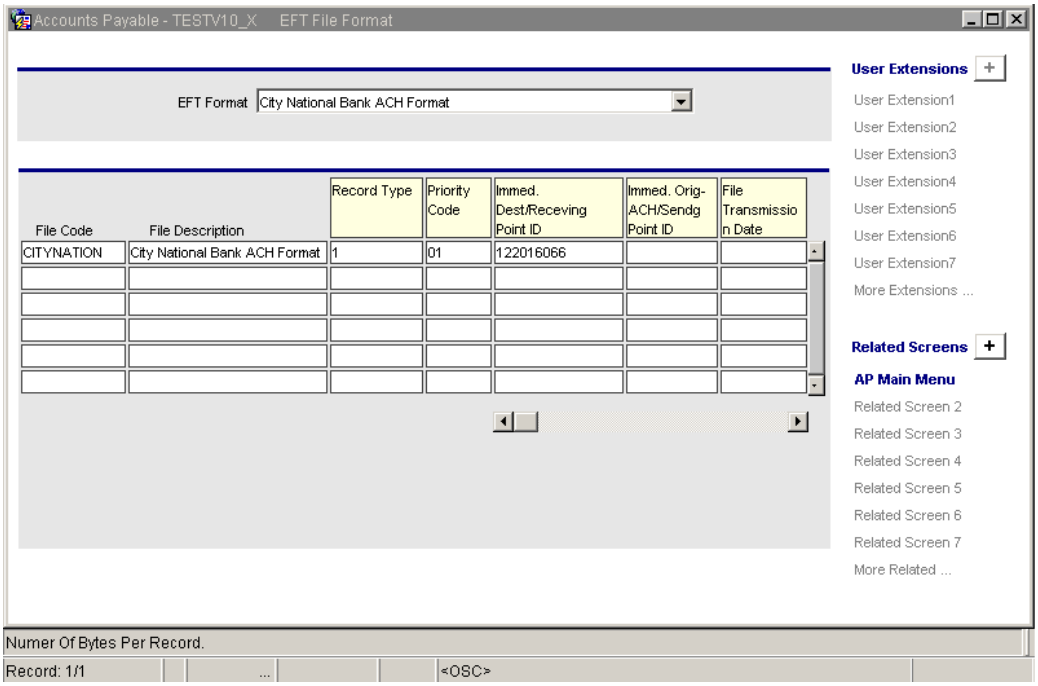
New functionality:

The privilege APJOINTUPD, when set as 'Y', the adjust voucher status form will allow the users update of joint payee information for vouchers which have been already included in a payment selection. Once the Joint Payee information is updated, upon commit, the system will remove the voucher from the payment selection to avoid any possible data issues. Users must re-run the payment selection in order to include the updated vouchers.

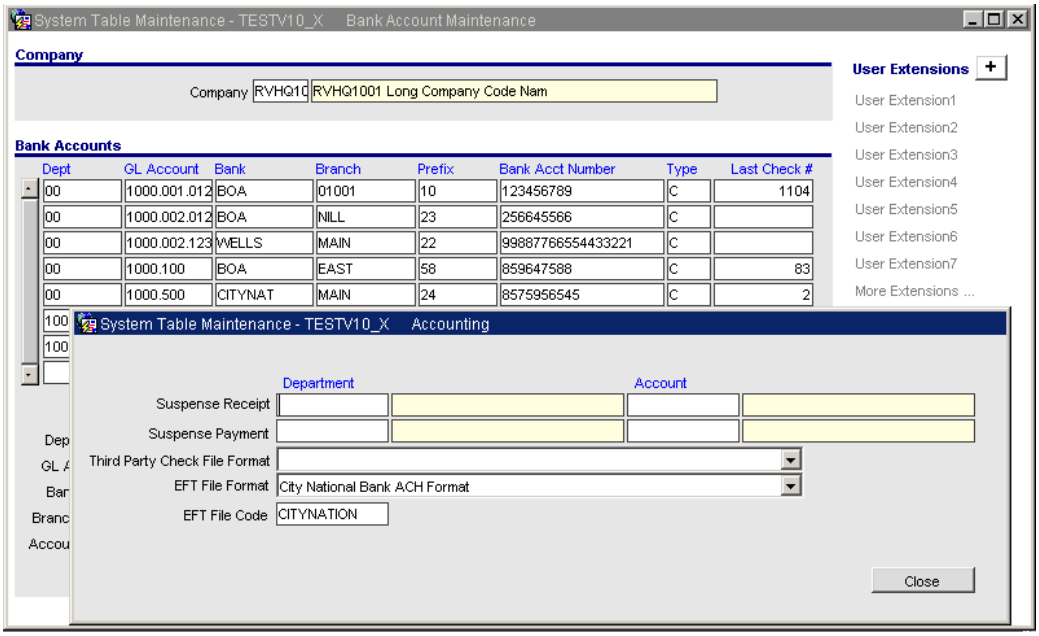
NOTE: Once Checks have been prepared, the adjust voucher status would not allow update of joint payee information for those vouchers, regardless of the new privilege. This is an existing restriction.

City National Bank EFT File Format (12.73796)

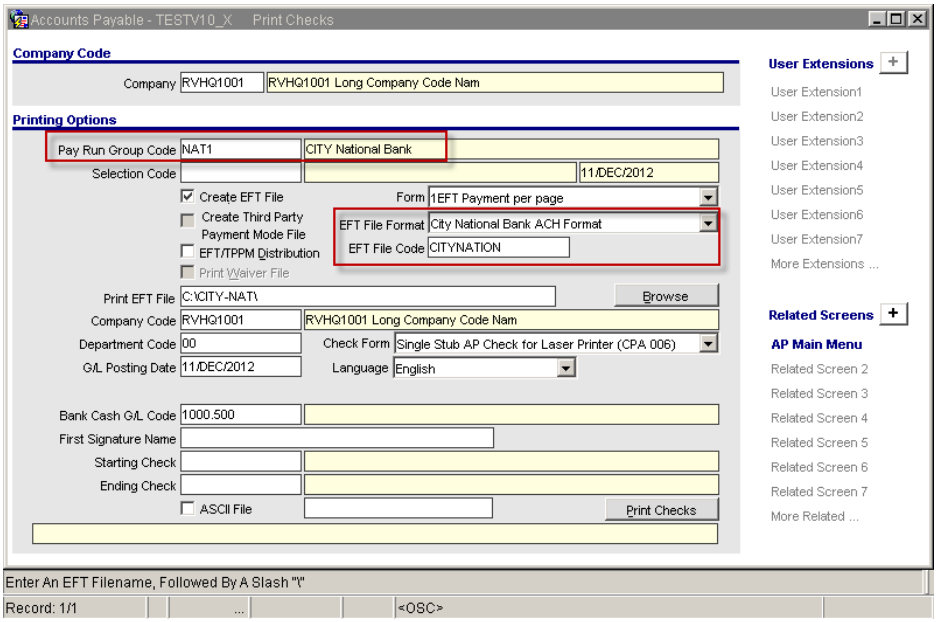
EFT File Format 'City National Bank ACH Format' and a default EFT File Code 'CITYNATION' are added to the banking system in CMiC.



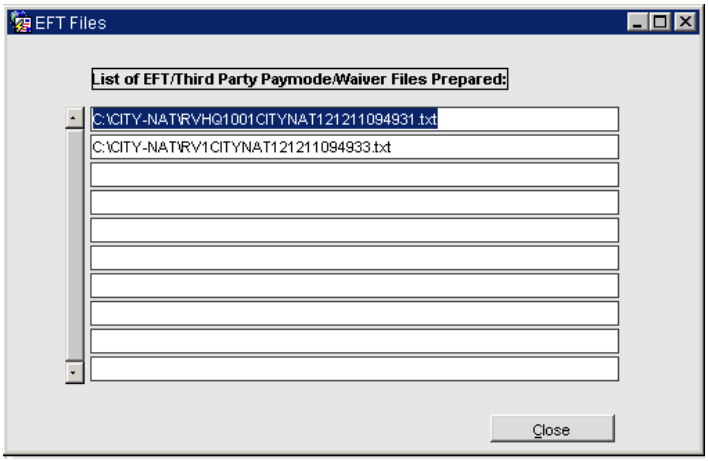
Users may verify the default values assigned for the file code and may customize by creating a new code and populate the values as required.



The EFT file codes may be assigned to the required bank accounts as default values.

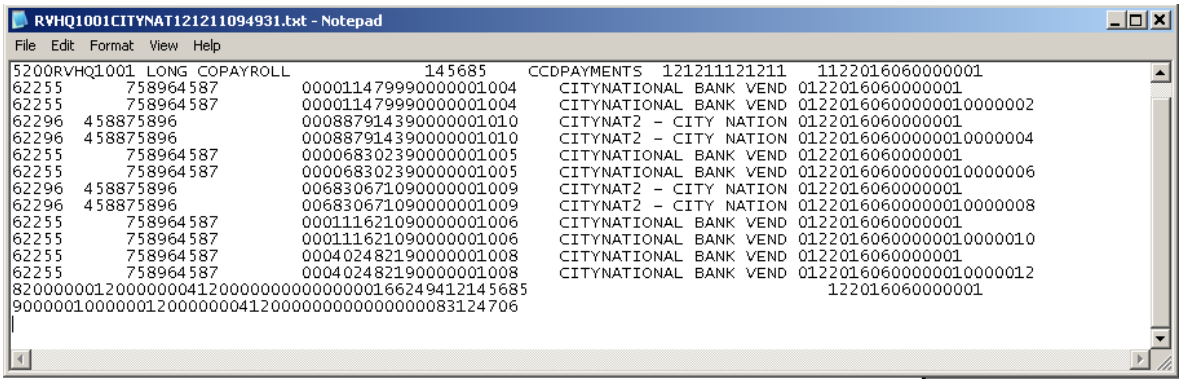


During Check Printing, when selecting a Pay Run group or a selection code, the EFT format values are pre-populated, which may be overridden if required. Specify the Output File destination path as shown.



The List of EFT popup shows the EFT file creation.

The following screen shows a sample EFT file for City National Bank

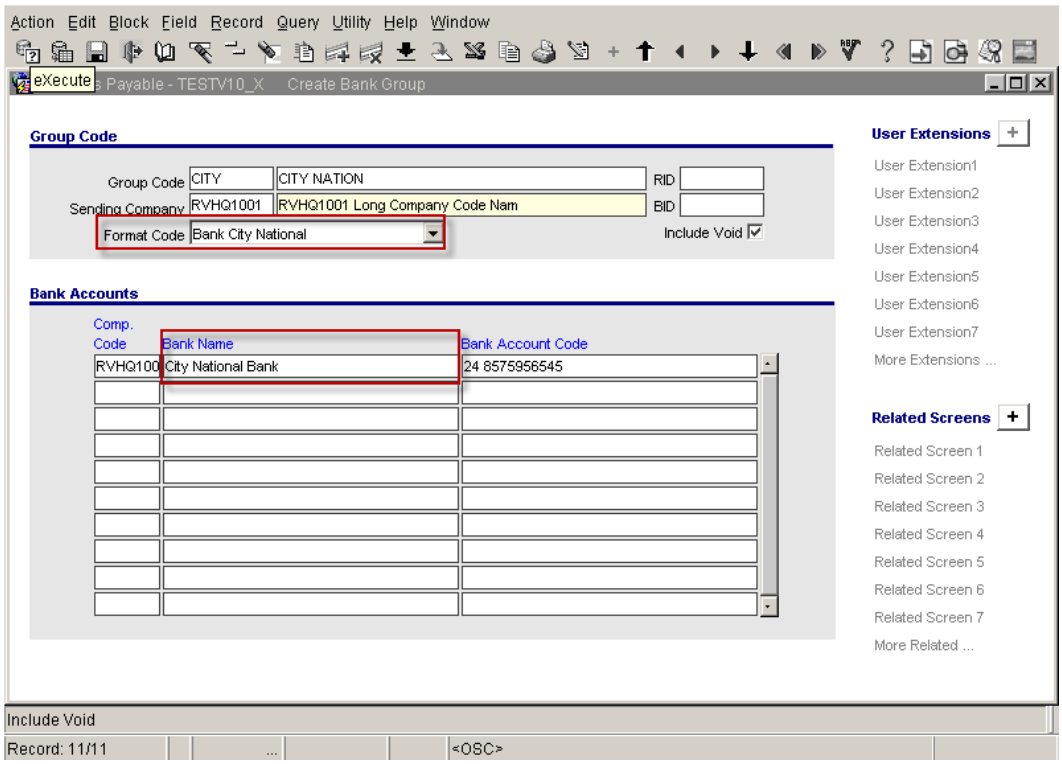


Positive Pay File Format for City National Bank (13.75918)

CMiC AP module is added with 'Positive Pay File Format' for 'City National Bank'.

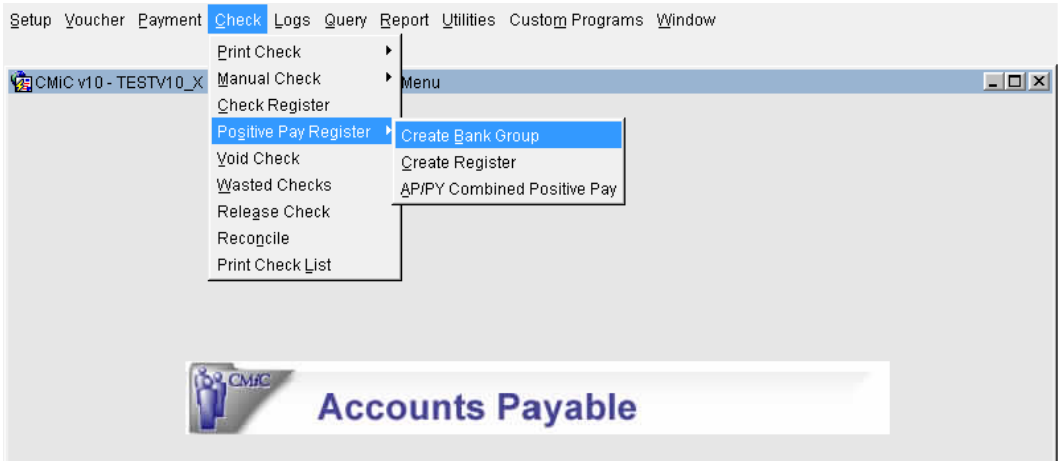
Users may select the option 'Bank City National' from the Format code drop down list in Bank Group Maintenance and assign required bank accounts against the group.

Then 'Create Register' with required date parameters and the output file name



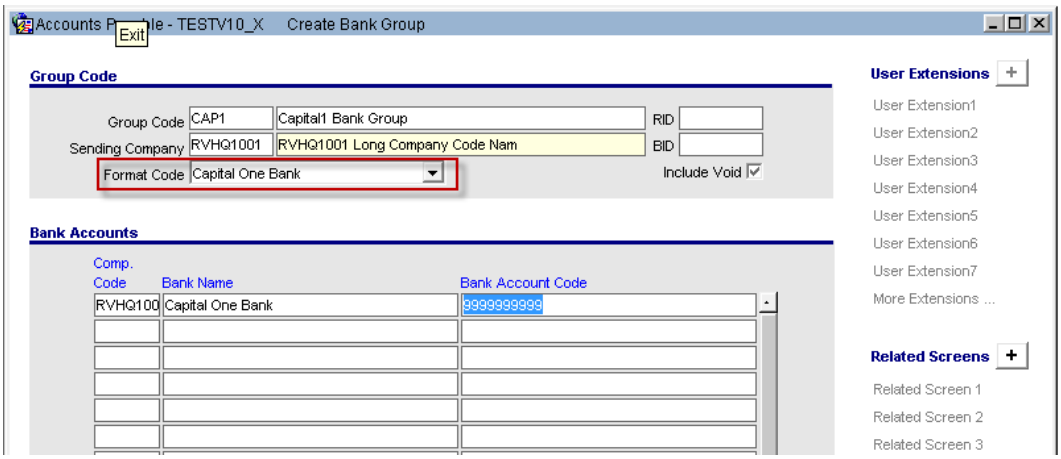
Appospay.fmx

Positive Pay File Format for Capital One Bank (13.79358)

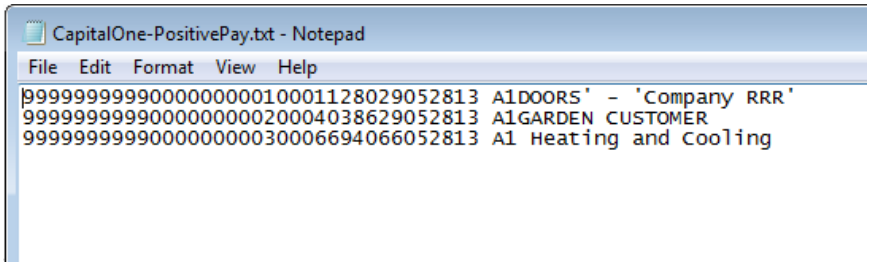


The CMiC AP application now supports Positive Pay File format for Capital One Bank.

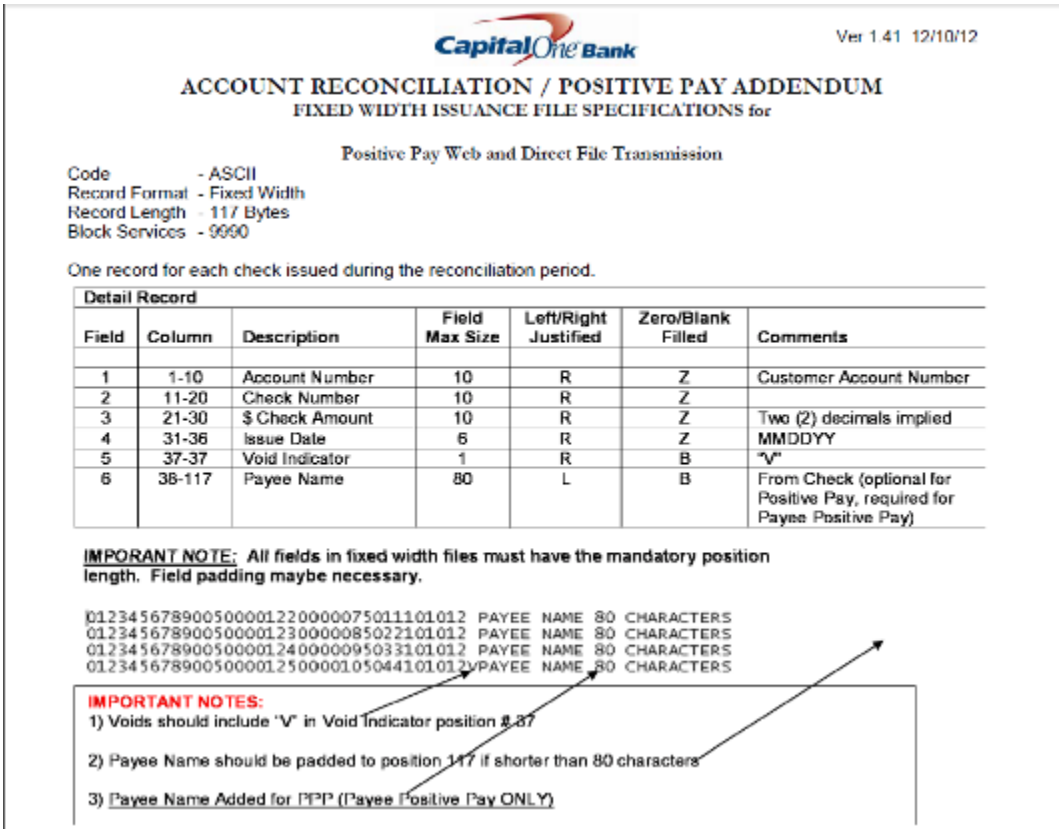
AP>Check>Positive Pay Register>Create Bank Group



The Capital One Bank Format Code is added to the list and available for selection.



This is a sample file generated with Capital One Bank Positive File format



Capital One Bank

Ver 1.41 12/10/12

ACCOUNT RECONCILIATION / POSITIVE PAY ADDENDUM

FIXED WIDTH ISSUANCE FILE SPECIFICATIONS for

Positive Pay Web and Direct File Transmission

Code - ASCII
Record Format - Fixed Width
Record Length - 117 Bytes
Block Services - 9990

One record for each check issued during the reconciliation period.

Detail Record

Field	Column	Description	Field Max Size	Left/Right Justified	Zero/Blank Filled	Comments
1	1-10	Account Number	10	R	Z	Customer Account Number
2	11-20	Check Number	10	R	Z	
3	21-30	$ Check Amount	10	R	Z	Two (2) decimals implied
4	31-36	Issue Date	6	R	Z	MMDDYY
5	37-37	Void Indicator	1	R	B	"V"
6	38-117	Payee Name	80	L	B	From Check (optional for Positive Pay, required for Payee Positive Pay)

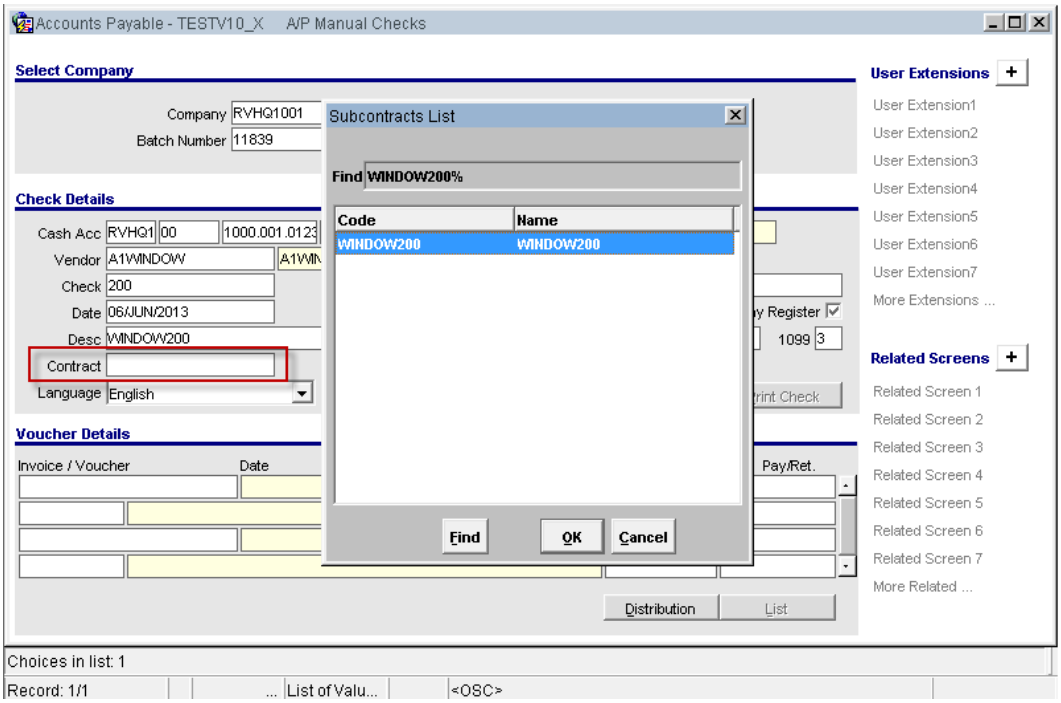
IMPORANT NOTE: All fields in fixed width files must have the mandatory position length. Field padding maybe necessary.

01234567890050000122000007501110101 2 PAYEE NAME 80 CHARACTERS
01234567890050000123000008502210101 2 PAYEE NAME 80 CHARACTERS
01234567890050000124000009503310101 2 PAYEE NAME 80 CHARACTERS
01234567890050000125000010504410101 2VPAYEE NAME 80 CHARACTERS

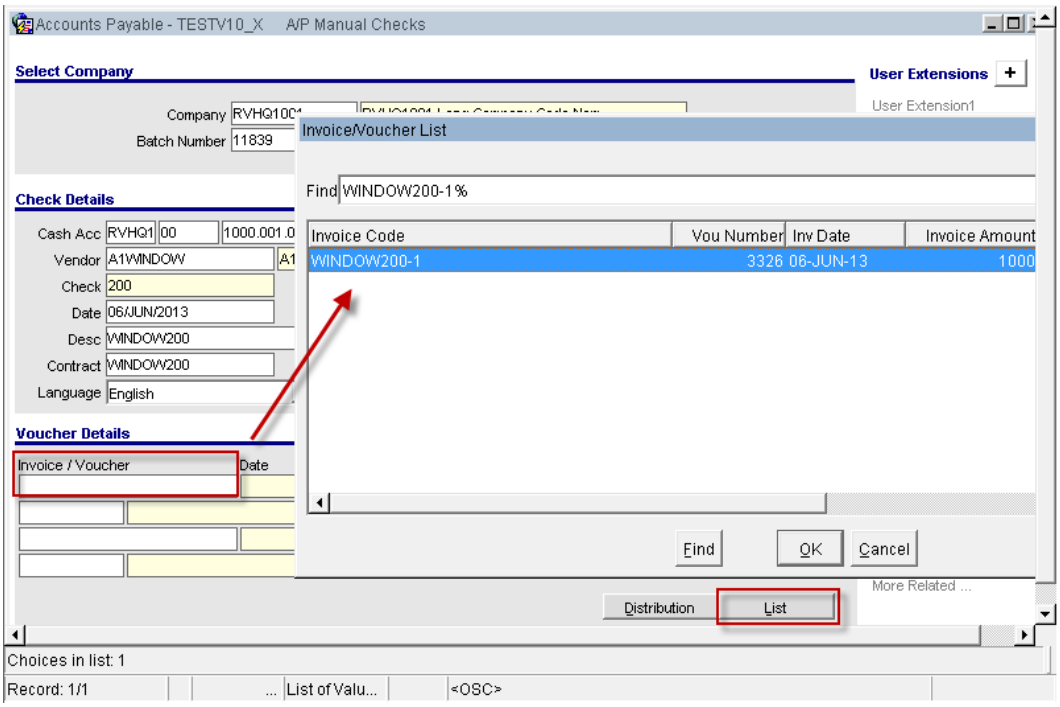
IMPORTANT NOTES:
1) Voids should include 'V' in Void Indicator position # 37
2) Payee Name should be padded to position 117 if shorter than 80 characters
3) Payee Name Added for PPP (Payee Positive Pay ONLY)

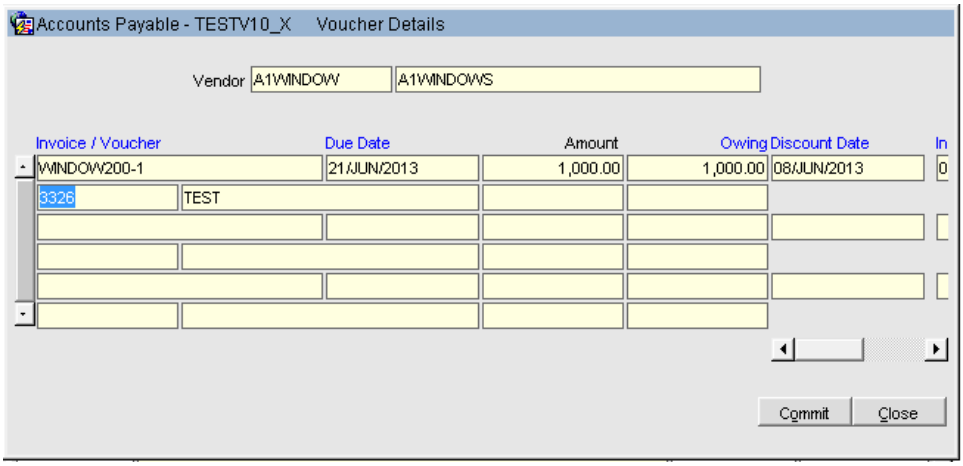
The above screen shows the specifications by the Bank

Manual Check Entry & Posting modifications with 'Waiver' Compliance code (11.57757)

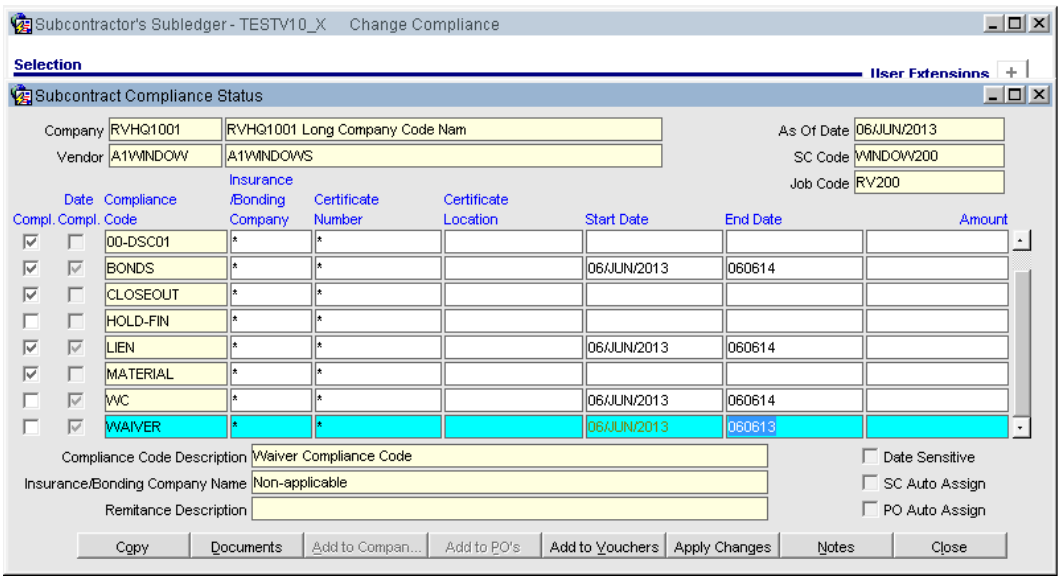


The manual check entry form is modified with the addition of 'Contract' field. Users may manually enter or select a valid subcontract from the list of values. The list is filtered by subcontracts payable through AP only. When a contract is entered, the vouchers associated with the specific subcontract will only be available in the Voucher Details LOV or 'List' popup.





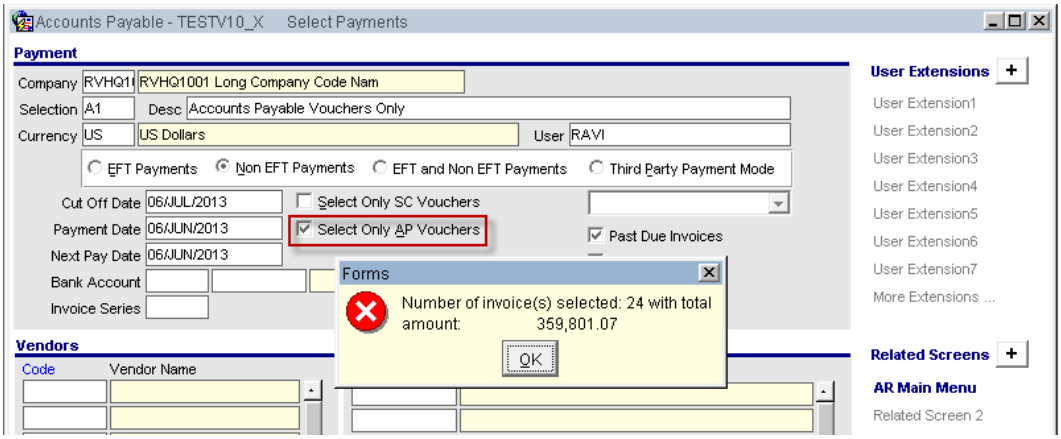
The manual check posting program is modified that, upon posting, the ‘waiver’ Compliance code populated in system options will be used to insert a compliance record against the subcontract.



Also, the automated check posting program is modified to insert a ‘Waiver’ compliance record against the subcontract, when the payment selection has ‘SC Only’ vouchers selected and ‘Group checks by subcontract’ selected during check preparation.

Previously, ‘Paymode’ options in check preparation and posting was mandatory, to insert this waiver compliance record. Now, with this modification, the ‘paymode’ option in check posting is not required to use the ‘waiver’ compliance code.

Payment Selection - Option to Select AP Vouchers Only (13.78847)



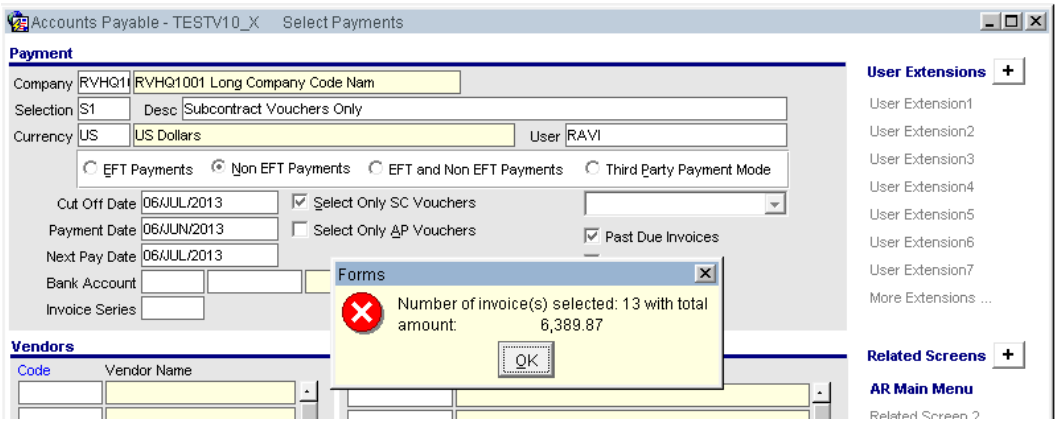
The AP Payment Selection screen is modified with a new filter for selecting only 'AP Invoices'.

Modifications:

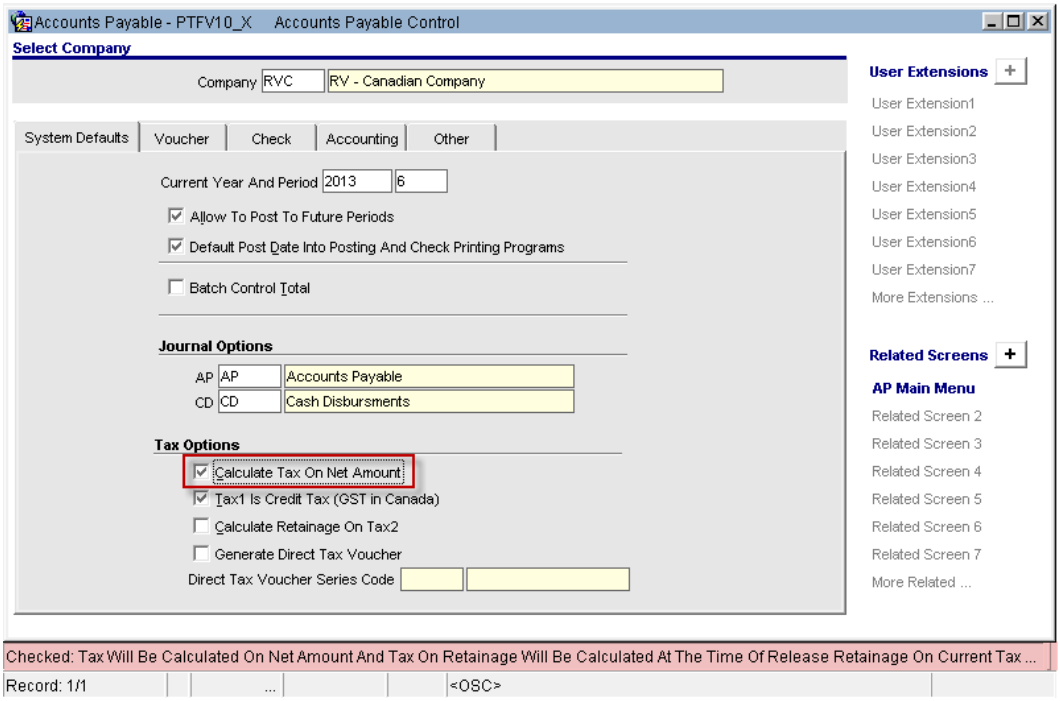
A new check box 'Select Only AP Vouchers' is added to the Payment Selection Screen. The default value is un-checked.

When checked, only the Vouchers entered from AP application will be selected for payment.

This may be checked, only when the other checkbox 'Select Only SC Vouchers' is un-checked.



Calculate Tax on Net Amount (Less of Retention)(12.70966)



The AP/SC applications now allow users to calculate tax on Net Amount less of retention/holdback amount. Upon releasing the retention/holdback, the tax will be calculated at the prevailing tax percentage Modifications:

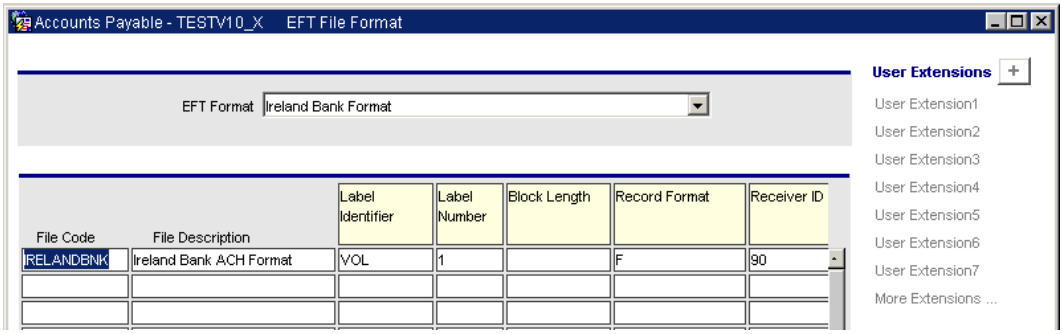
The following are some notable points in this modification.

- AP Control is modified with an additional flag 'Calculate Tax on Net Amount'
- Registry/Voucher/Memo/Recurring Voucher entry forms and the voucher creation packages are modified to calculate tax on the net amount and during release of the retention, the tax will be calculated on the release amount.
- SC Contract Entry and PM Contract entry forms modified to default the AP Control flag value.
- When selected, the contract level Retainage release functionality will NOT be allowed for the specific subcontract.

- Pay Request Entry is modified to calculate taxes only on Net amount.
- This modification is for Credit taxes / non-credit taxes both used by Canadian clients, who may prefer to post the taxes only on net amount and upon release calculate the taxes on the retention release amount.
- During the Retainage release, voucher entry would allow the selection of invoices with only same type of taxes.
- Registered invoices from Imaging - Not applicable at this time. (or NOT tested)
- MS Truckers Payroll / AP Rental Equipment invoice / MS Internal / External material invoice programs are NOT modified/tested at this time.
- Purchase Order distribution form (APPOPICK.fmx) is NOT considered for this modification. The distribution will always have taxes calculated on the Gross amount.

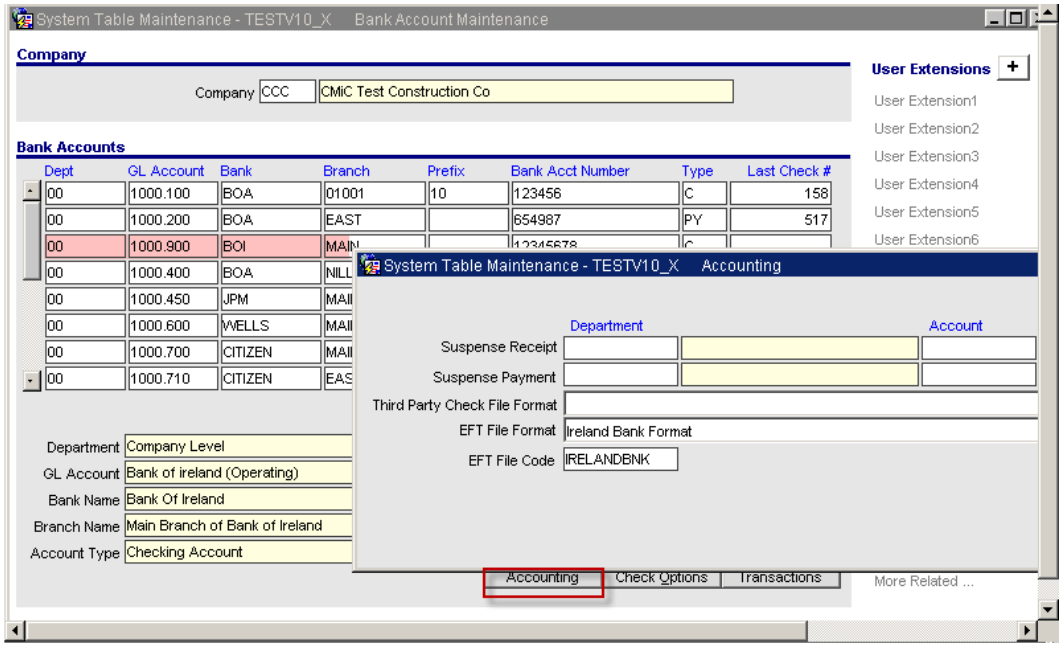
EFT File Format for Ireland Bank (10.46758)

EFT File Format for Ireland Bank is added to the AP system .

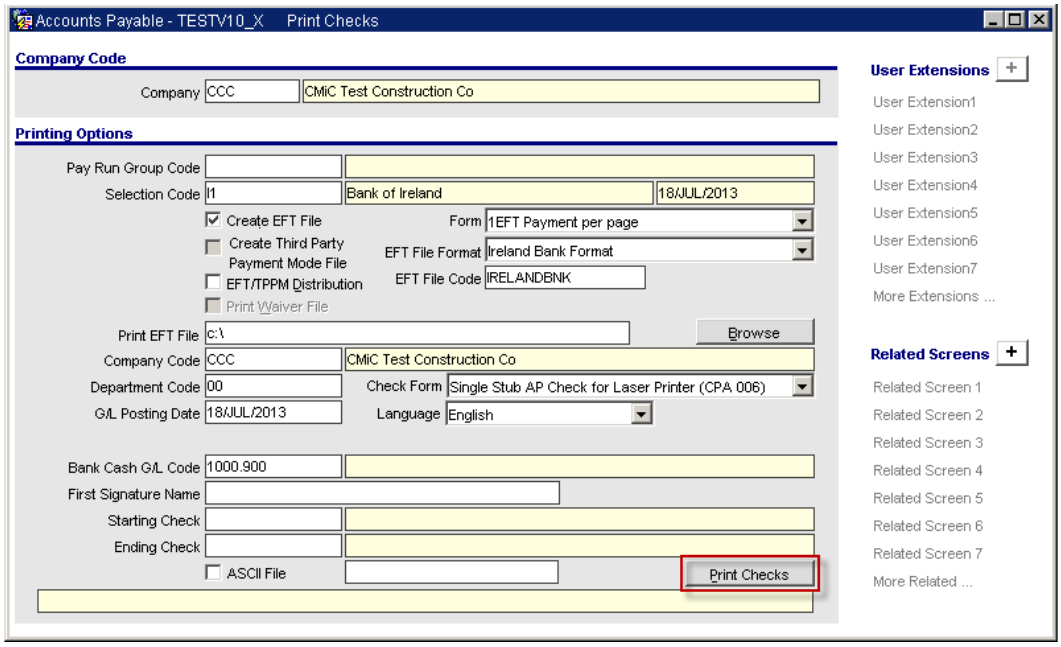


AP > Local Tables > EFT Format

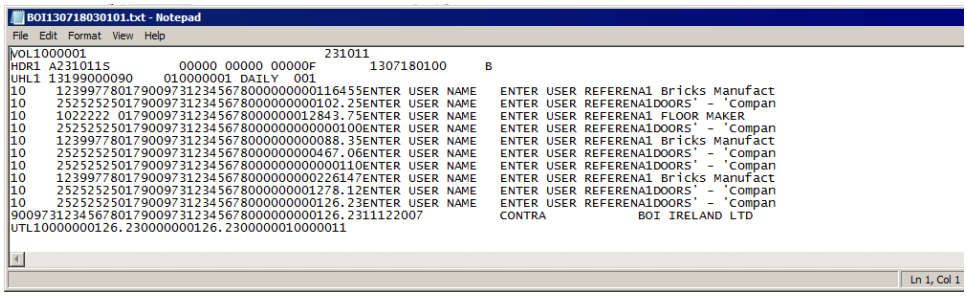
Users have to configure the EFT format for file code 'IRELANDBNK' as per the requirements by the Bank.



Optionally, the Bank Account file may also be assigned with the default EFT File format and the file code.



The EFT File Format and the File Code are either defaulted or users may manually select from the available list. Once Check printing is completed, the ASCII file is created and the file path/name displayed in a popup.



The following are the EFT File Format Specification provided by Ireland Bank

1. Volume Header Label
2. File Header Label
3. User Header Label
4. Data Records
5. Contra record
6. User Trailer Label

EFT Import File Specification

1. Volume Header Label (80 Characters)

Field	Name	Length in Characters	Character Positions	Field Content and Validity Check
1.	Label Identifier	3	1-3	Must be 'VOL'
2.	Label Number	1	4	Must be'1'(numeric)
3.	Volume Serial Number	6	5-10	Can be any six characters
				Blanks are not permitted
				Must not be all zeros
4.	Filler	31	11-41	Should be blank space filled
5.	Owner Identification	6	42-47	Must be an authorised I.D. Number (issued by BOI)
6.	Filler	33	48-80	Should be blank space filled

2. File Header Label (80 Characters)

Field	Name	Length in Characters	Character Positions	Field Content and Validity Check
1.	Label Identifier	3	1-3	Must be 'HDR'
2.	Label Number	1	4	Must be'1'(numeric)
3.	Reserved for further standardization	1	5	Should be blank space
4.	File Identifier	17	6-22	6 Must be 'A'
				7-12 Must be authorised User I.D. Number. Must be same as

				char positions 42-47 on Volume Header Label
				13 Must be 'S'
		9	14-22	Must be blank space filled
5.	Block Length	5	23-27	Must be five zeros.
6.	Filler	1	28	Must be blank space

Field	Name	Length in Characters	Character Positions	Field Content and Validity Check
7.	Begin Extent	5	29-33	Must be five zeros
8.	Filler	1	34	Must be blank space
9.	End Extent	5	35-39	Must be five zeros
10.	Record Format	1	40	Should be blank space or 'F'
11.	Filler	7	41-47	Must be blank space
12.	Creation Date	6	48-53	Must be in the form YYMMDD. Must be less than or equal to the
				PROCESSING DATE* in character positions 5-10 of the user header label
13.	Record Length	4	54-57	Should be'0100'
14.	Filler	5	58-62	Should be blank space
15.	Record Attribute	1	63	Must be B.
16	Filler	17	64-80	Must blank space filled

3. User Header Label (80 Characters)

Field	Name	Length in Characters	Character Positions	Field Content and Validity Check
1.	Label Identifier	3	1-3	Must be 'UHL'
2.	Label Number	1	4	Must be'1'(numeric)
3.	Processing Date	6	5-10	Must in form 'bYYDDD'**, i.e a blank space followed by the
				last two digits of the year and the JULIAN day in the year
4.	Filler	4	11-14	Must be all zeros
5.	Receiver ID	2	15-16	Must be 90 for euro files. Must be 30 for all GBP files.
6.	Filler	4	17-20	Must be blank spaces

	Currency Code	2	21-22	Must be 01 for euro files (or 00 for GBP files)
8.	Filler	6	23-28	Must be all zeros
9.	Work Code	9	29-37	Must be in form '1bDAILYbb'
10.	File Number	3	38-40	Must be all numeric, this must not exceed 968
11.	Filler	40	41-80	Must be blank space filled

4. Data Record (100Characters)

Field	Name	Length in Characters	Character Positions	Field Content and Validity Check
A.	Destination sorting code number	6	1-6	Must be a valid sorting code number allocated in the current list
				of bank branch to be CR/DR
B.	Destination account number to be	8	7-14	Must be all numeric Cr/Dr at the above bank branch
C.	Type of account code	1	15	Zero fill
D.	Transaction Code	2	16-17	Must be one of the permitted transaction codes
E.	Originating sorting code number	6	18-23	Must be sorting code number of one of the User's nominated
				accounts of branch at which User's Nominated account is held
F.	Originating account number of	8	24-31	Must be the account number of one of the user's nominated accounts
G.	Filler	4	32-35	Must be all zeros
H.	Amount in cents/pence.	11	36-46	Must be all numeric, but the characters must NOT all be zeros
				Must be right justified and zero filled
I.	User's Name [1]	18	47-64	May contain alpha-numeric narrative of User's choice
J.	User's Reference No. [2]	18	65-82	Should be Alpha-Numeric
K.	Destination A/C Names	18	83-100	Should be name of account to be Debited/Credited. This field should always be completed

5. Contra Records (100 Characters)

Field	Name	Length in Characters	Character Positions	Field Content and Validity Check
A.	Sorting Code number of the bank	6	1-6	Must be sorting code number of one of user's nominated branch
				at which the nominated accounts account of the user is held and which this
				record is to be directed. MUST be all numeric.
B.	Account number of the user's	8	7-14	Must be the account number of one of the user's nominated
				Accounts at the above bank branch. MUST be all numeric
C.	Type of account code of account	1	15	Must be Zero
D.	Transaction Code	2	16-17	Must be '17' or '99'
E.	Sorting code number of the bank	6	18-23	Must be same as field A above branch at which the nominated
				account of the user is held and to which this record is to be directed
F.	Account number of the User's	8	24-31	Must be the same as field B above
G.	Filler	4	32-35	Must Zero filled
H.	Amount in pence unsigned	11	36-46	Must be all numeric, but the characters must NOT all be zeros.
				Must be right justified and zero filled.
I.	User's Narrative	18	47-64	May contain alpha-numeric narrative of the user's choice
J.	Contra Reference	18	65-82	Must be 'CONTRA' followed by twelve blank spaces
K.	Name of account to which this	18	83-100	Should be equal to the name of the nominated account in which record is to be directed. Must be same as fields E & F above.

6. User Trailer Label (80 Characters)

Field	Name	Length in	Character	Field Content and Validity Check

		Characters	Positions	
1.	Label Identifier	3	1-3	Must be 'UTL'
2.	Label Number	1	4	Must be '1'(numeric)
3.	Monetary total of debit records	13	5-17	Must contain the monetary total (in pence unsigned, right justified and
				zero filled) of the debit records, including Credit contra
4.	Monetary total of Credit records	13	18-30	Must contain the monetary total (in pence unsigned, right justified and
				zero filled) of the credit records, including debit contra
5.	Count of Debit records	7	31-37	Must contain the count (right justified and zero filled) of debit records
				including Credit Contras.
6.	Count of Credit Records	7	38-44	Must contain the count (right justified and zero filled) of Credit records
				including Debit contras.
7.	Filler	36	45-80	Must be blank space filled.

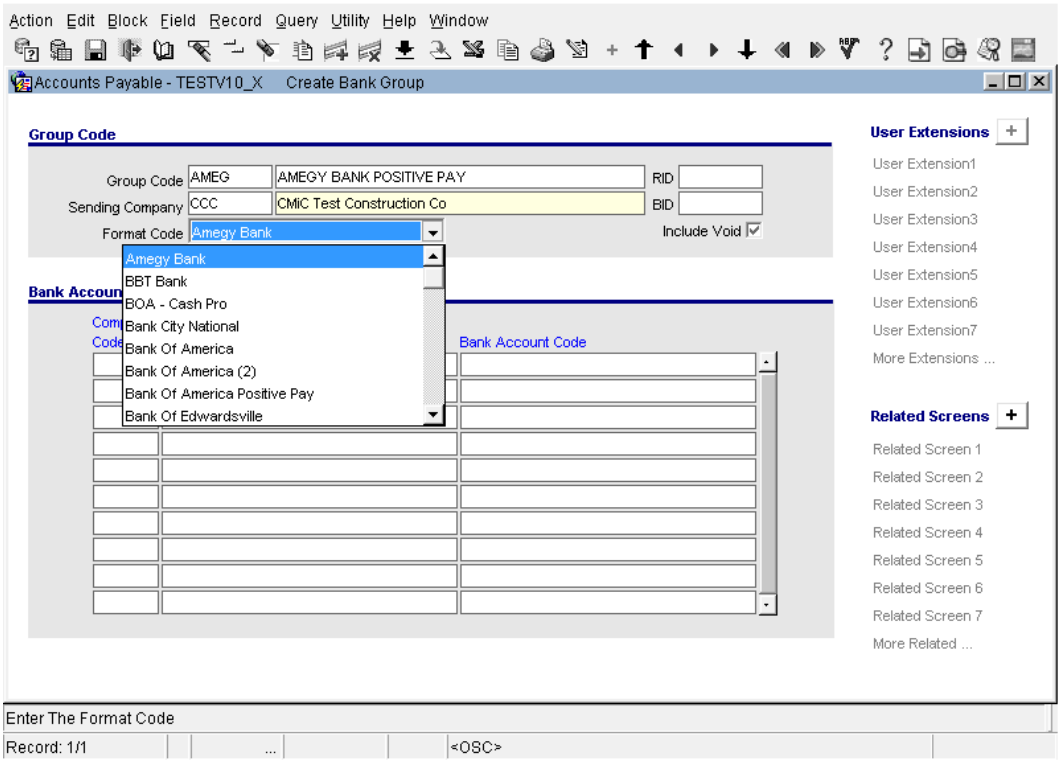
Positive Pay File Format for AMEGY Bank & Bank of Edwardsville

(13.82451)

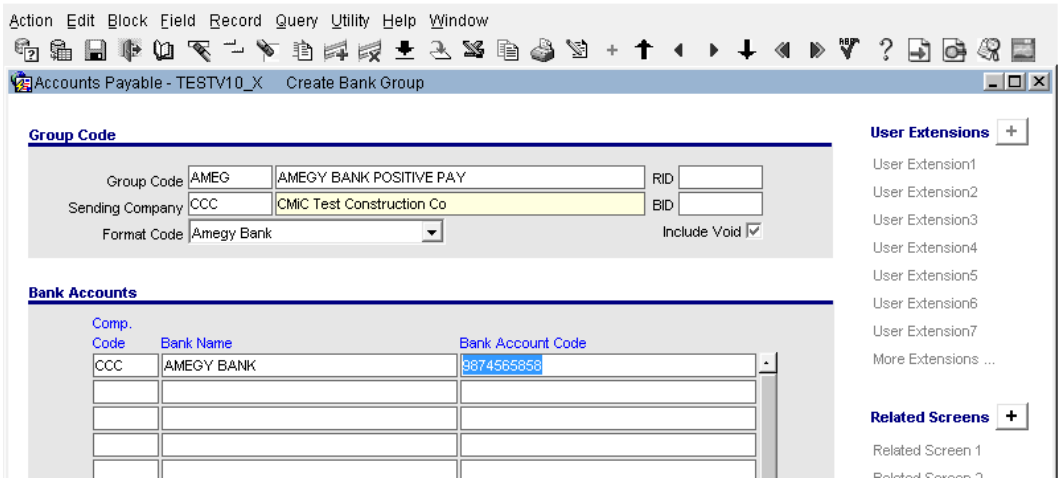
To provide Positive pay file formats for the following Banks:

1. Amegy Bank
2. Bank of Edwardsville

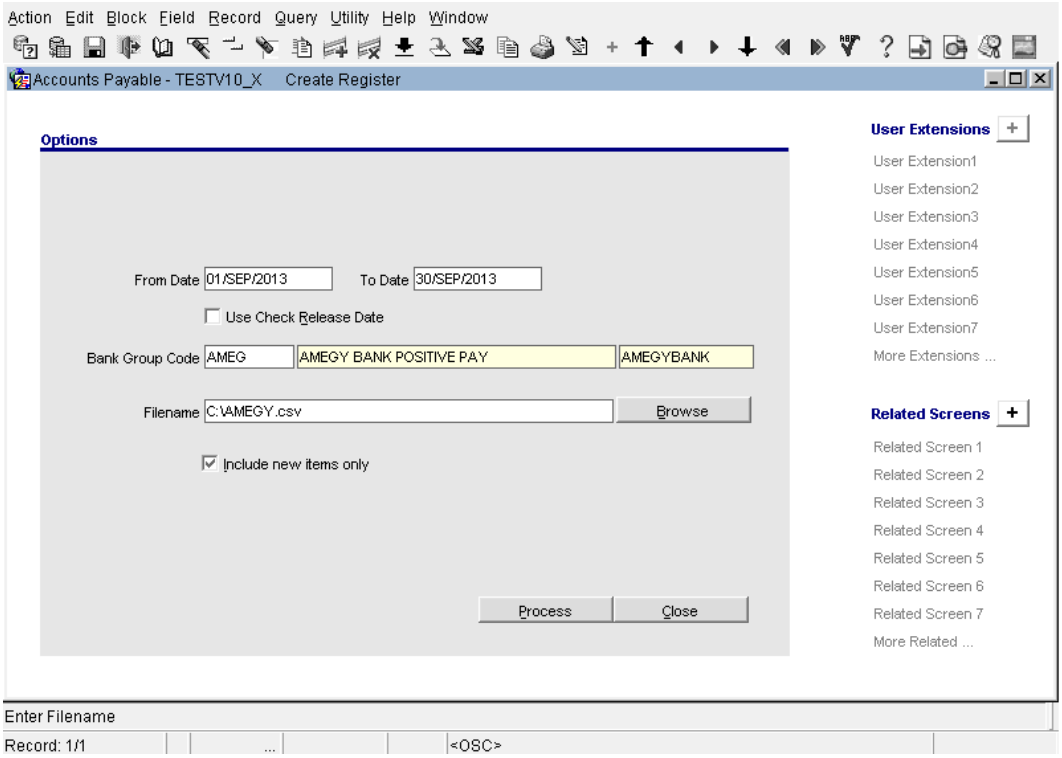
Positive Pay File Format for Amegy Bank



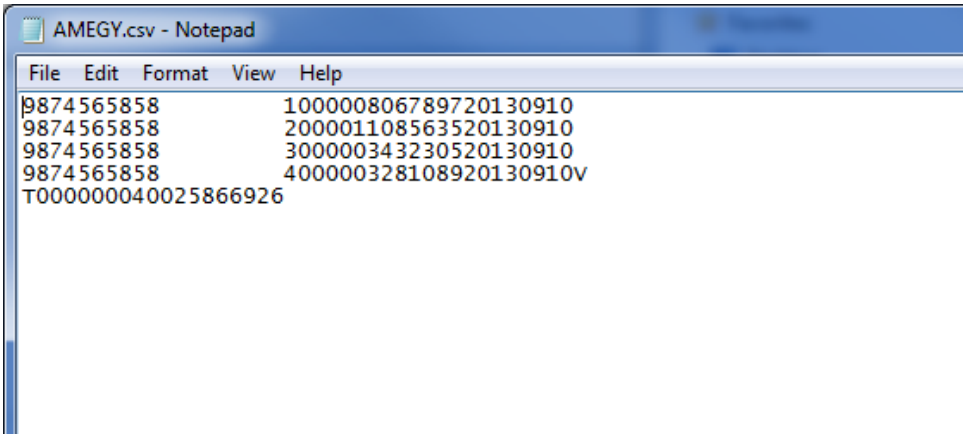
The Bank Group Maintenance Form now has Format Codes for Amegy Bank and Bank of Edwardsville.



Users may create the Bank Group for the specific bank account(s)



Specify the Output file as required and 'Process'.



The above Positive Pay file generated follows the documentation as shown below.

File type: ☐ Comma Delimited ☒ Fixed Field

Field Rank or location (where does this piece of information appear in your file?):

	Notes	Fixed Field	
		Beginning Position	# of characters
Account Number	Pad left with zeros	1	10
Check Number	Pad left with spaces	11	10
Void Code		41	1
Date		33	8
Amount	Pad left with zeros	21	12

Record length – 94 Characters

	Notes	Fixed Field	
		Beginning Positiion	# of Characters
Items	Pad left with zeros	2	8
Issue Amount	Pad left with zeros (Implied decimal in amount)	10	10

Record Length – 19 Row Designator - T

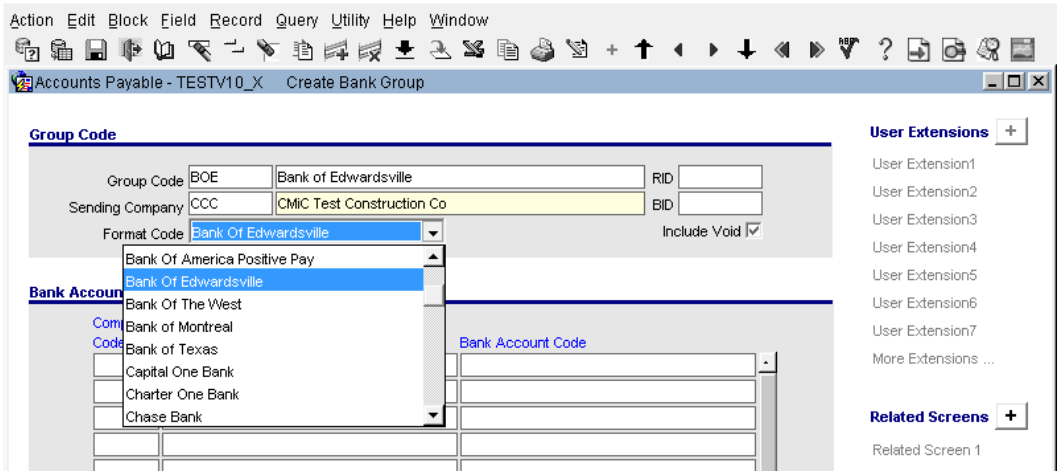
Void Code: What character indicates a voided item in your file? ☒ V ☐ Other __

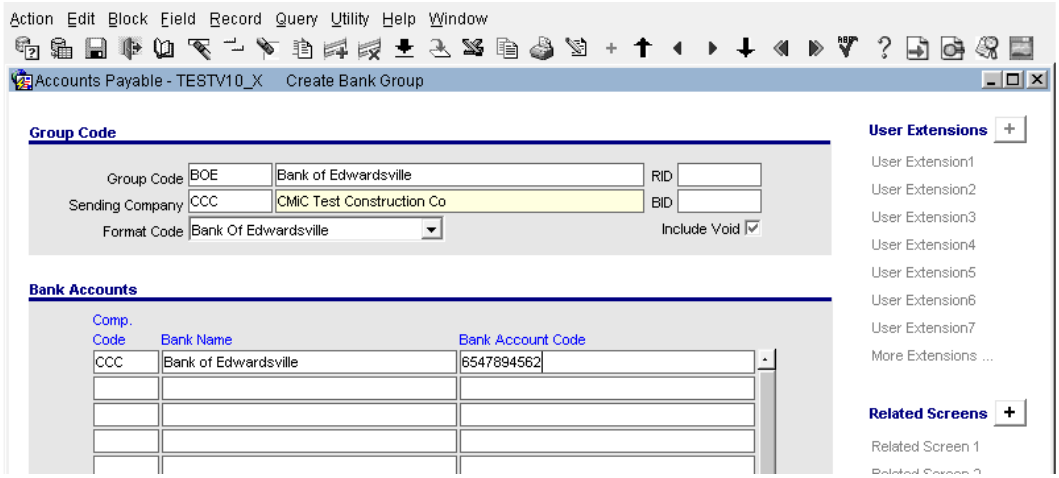
Date Format: (how is your date information formatted? Pick from the selections below. D=Day, M=Month, Y=Year, J=Julian Date)

☒ YYYYMMDD ☐ YYMMDD ☐ MMDDYY ☐ MMDDYYYY

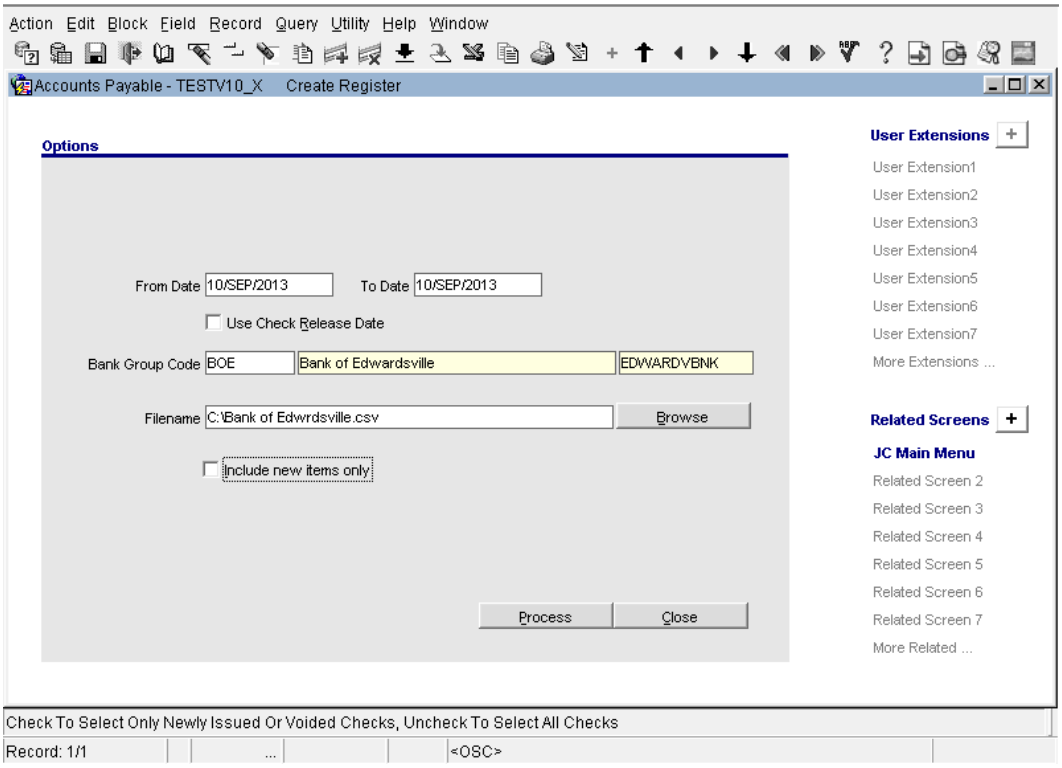
Amount Format: Does your dollar amount field contain a decimal point? ☐ Y ☒ N

Positive Pay File Format for Bank of Edwardsville

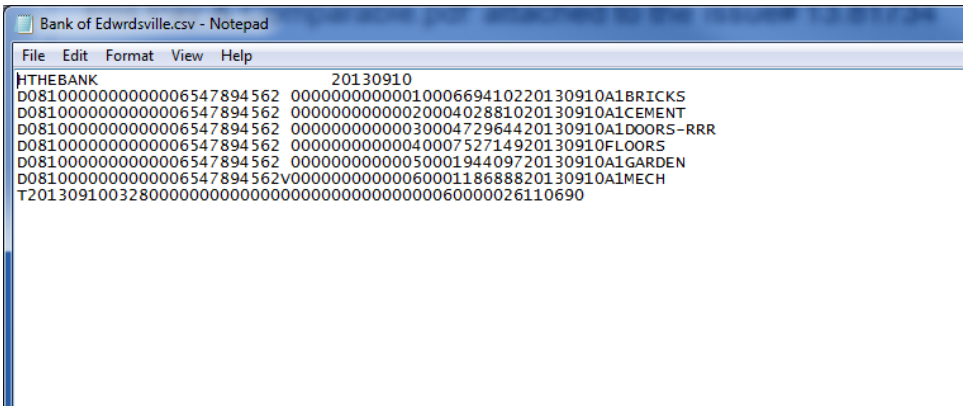




Create Bank Group now has the file format code for Bank of Edwardsville and users may group one or more bank accounts.



Specify the required File Name and File Path.



The above Positive Pay File Format follows the requirements by the Bank

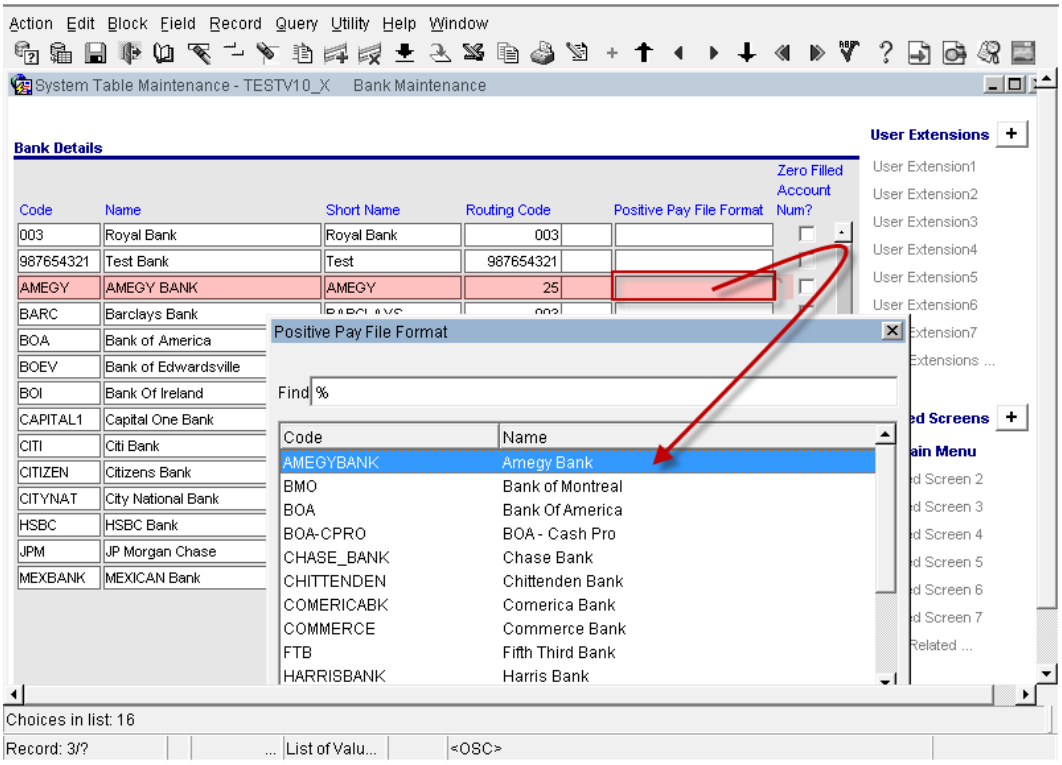
Multi Positive Pay File Format for AMEGY Bank (13.82451)

To provide AP/PY Multi Positive pay file format for Amegy Bank.

Modifications:

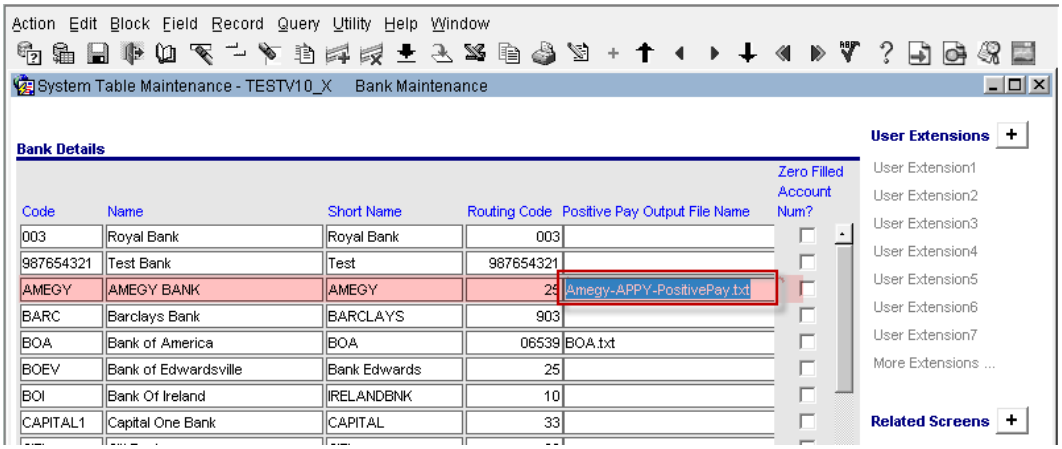
The Following programs are modified for this implementation.

1. Bank Maintenance Form - babank.fmx
2. AP/PY Combined Positive Pay - apmpospay.fmx

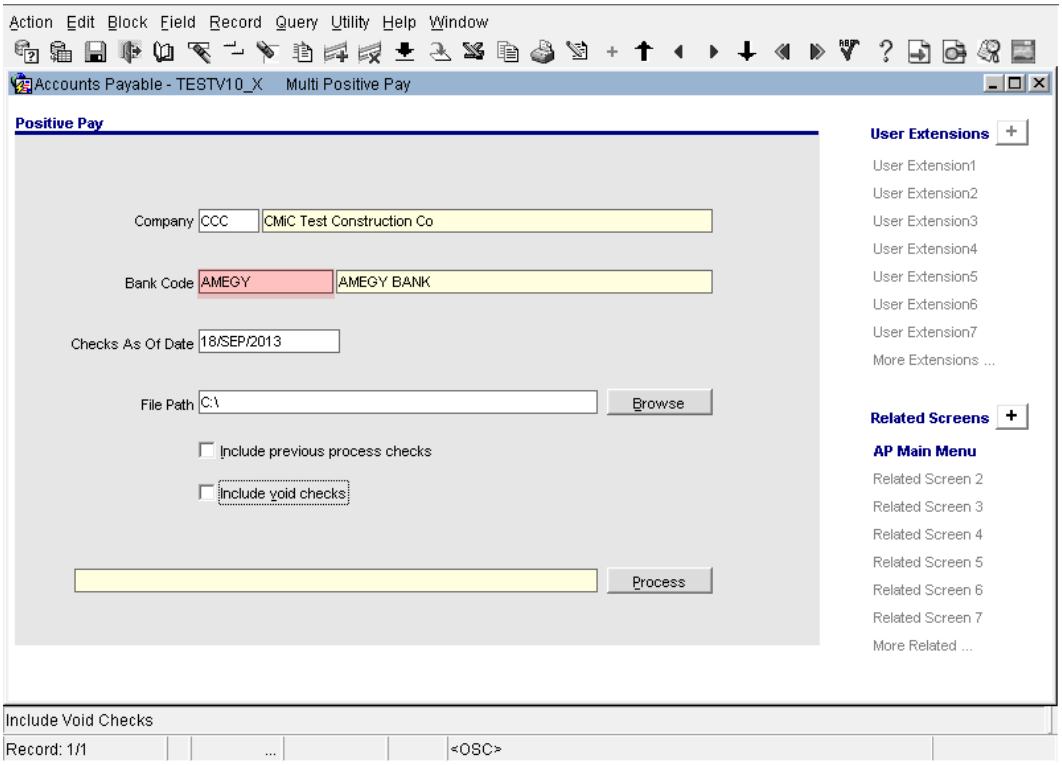


Global Tables > Banking > Banks

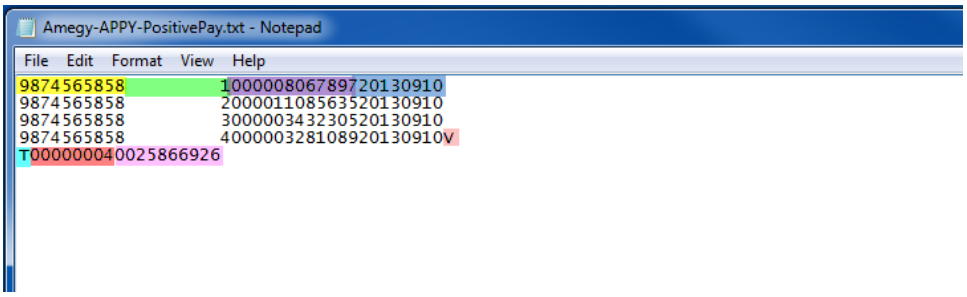
The List of Values for 'Positive Pay File Format Field' now has an entry for Amegy Bank. users have to select this code against the Amegy Bank record.



The Positive Pay Output File Name must be entered as required. The above is an example of a file name entered for testing purposes.



Users have to Select a Company, the Bank Code (Amegy Bank in this case), Checks as of date and the File path as required and press [**Process**].



The above Positive Pay file generated follows the documentation as shown below (Colour Coded for these testing purposes.)

File type: ☐ Comma Delimited ☒ Fixed Field

Field Rank or location (where does this piece of information appear in your file?):

	Notes	Fixed Field	
		Beginning Position	# of characters
Account Number	Pad left with zeros	1	10
Check Number	Pad left with spaces	11	10
Void Code		41	1
Date		33	8
Amount	Pad left with zeros	21	12

Record length – 94 Characters

	Notes	Fixed Field	
		Beginning Positiion	# of Characters
Items	Pad left with zeros	2	8
Issue Amount	Pad left with zeros	10	10
	(Implied decimal in amount)		

Record Length – 19 Row Designator - T

Void Code: What character indicates a voided item in your file? ☒ V ☐ Other __

Date Format: (how is your date information formatted? Pick from the selections below. D=Day, M=Month, Y=Year, J=Julian Date)

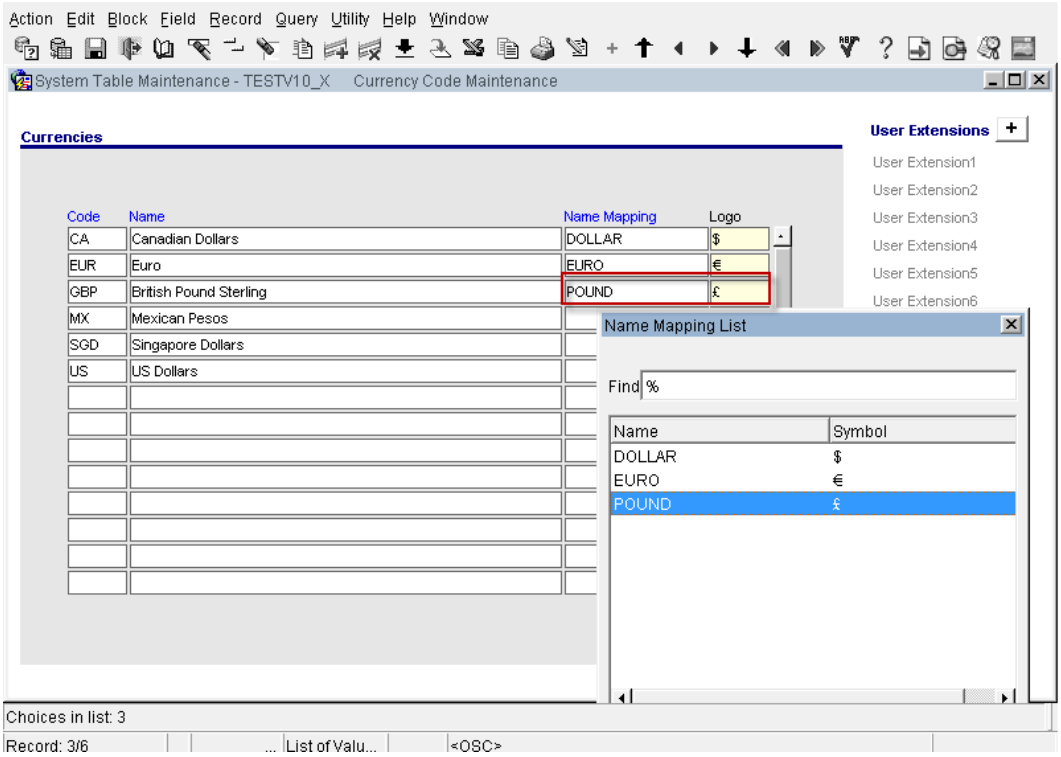
☒ YYYYMMDD ☐ YYMMDD ☐ MMDDYY ☐ MMDDYYYY

Amount Format:

Does your dollar amount field contain a decimal point?

☐ Y ☒ N

Currency Symbol & Check Printing enhancement (13.79869)



Global Tables > Banking > Currency

To provide the ability to assign a currency symbol / wording in currency maintenance, so that the reports such as 'check printing' could be made to read those mapped values and print accordingly.

The Currency Maintenance Table is modified with two additional columns Name Mapping & Logo. CMiC has populated with three of the currencies and symbols viz. DOLLAR,EURO & POUND. With this, users have the ability to mapping the required currency name/symbol against their currency codes.

NOTE: As and when required, CMiC could add more currency names/symbols using a standard script.

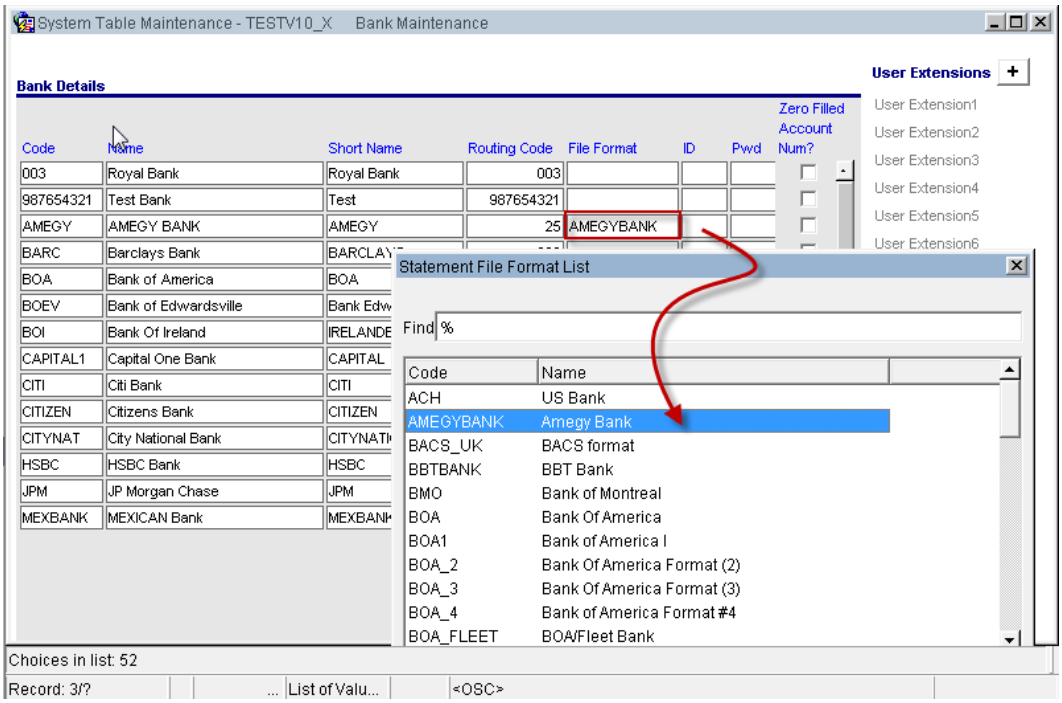


With this modification, the AP Check format APCHECK1 is modified to read the currency name/symbol and print as shown above.

NOTE:

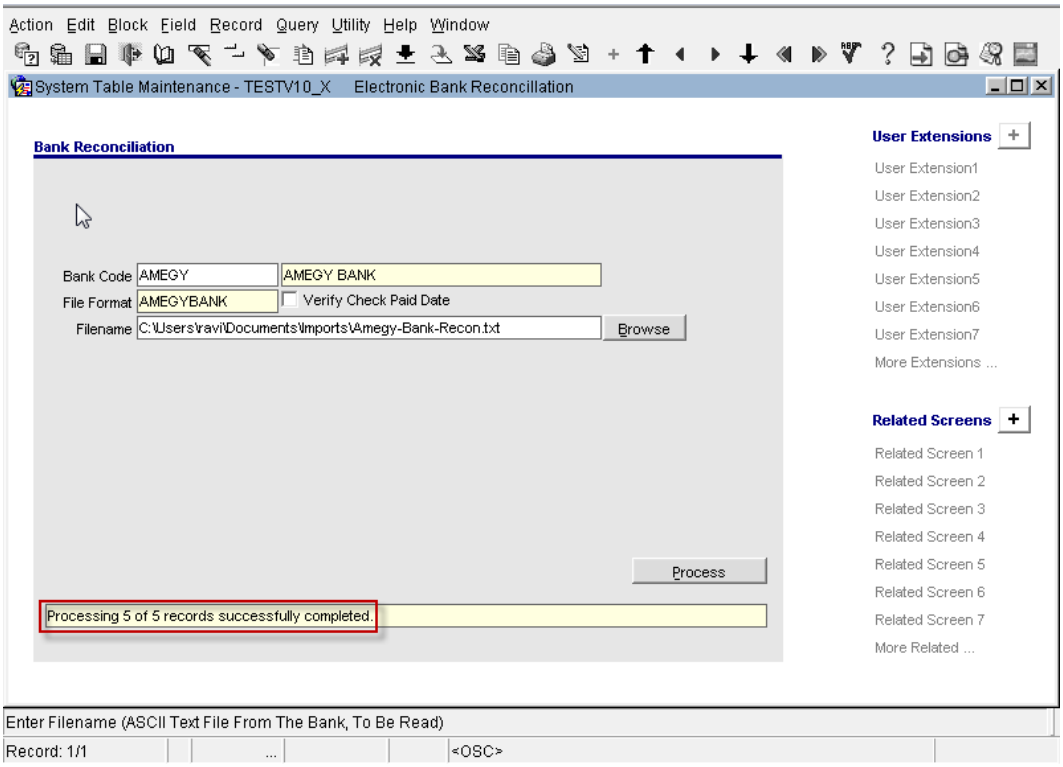
The newly created columns in the currency maintenance may be left blank as well. If so, the existing functionality applies and the APCHECK1.rep would print 'DOLLARS' in the wordings of amount and the symbol '$' in the amount in figures box.

Bank Reconciliation Format for AMEGY Bank (13.82454)



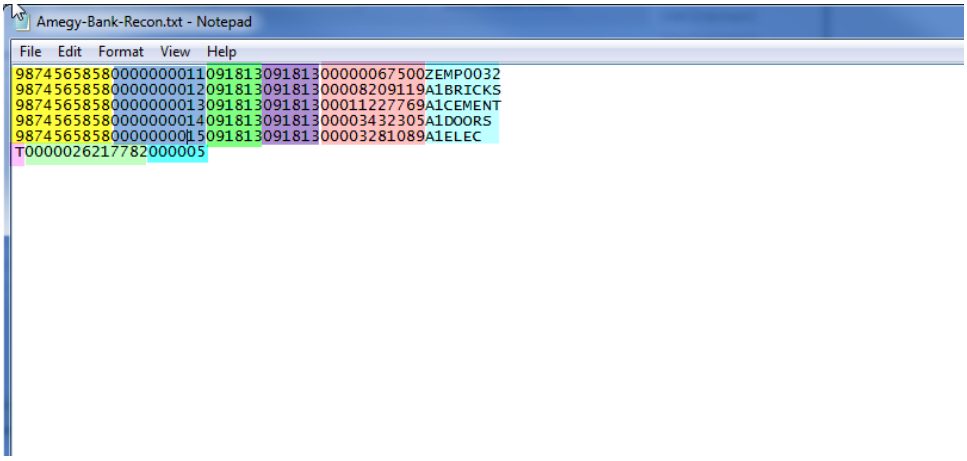
The bank maintenance form is modified to list the Bank Reconciliation Format for 'Amegy Bank' in the File Format field LOV.

Global tables > Banking > Electronic Reconciliation > Bank Reconciliation



The Bank Reconciliation form is modified to read the Amegy Bank Reconciliation File and process accordingly.

Sample File for Amegy Bank



The file follows the Format as specified by the Bank which is shown below.

Fixed Width Data Record Fields	Start Position	Field Length	Standard Output	Sample Data
Account Number	1	10	Numeric	00005555555
Serial Number	11	10	Check number	0000123456
Paid Date	21	6	MMDDYY	010103
Issue Date	27	6	MMDDYY	120302
Amount	33	11	Numeric; no decimal	00000125755
Payee*	44	19	Alphanumeric	JOHN Q DOE

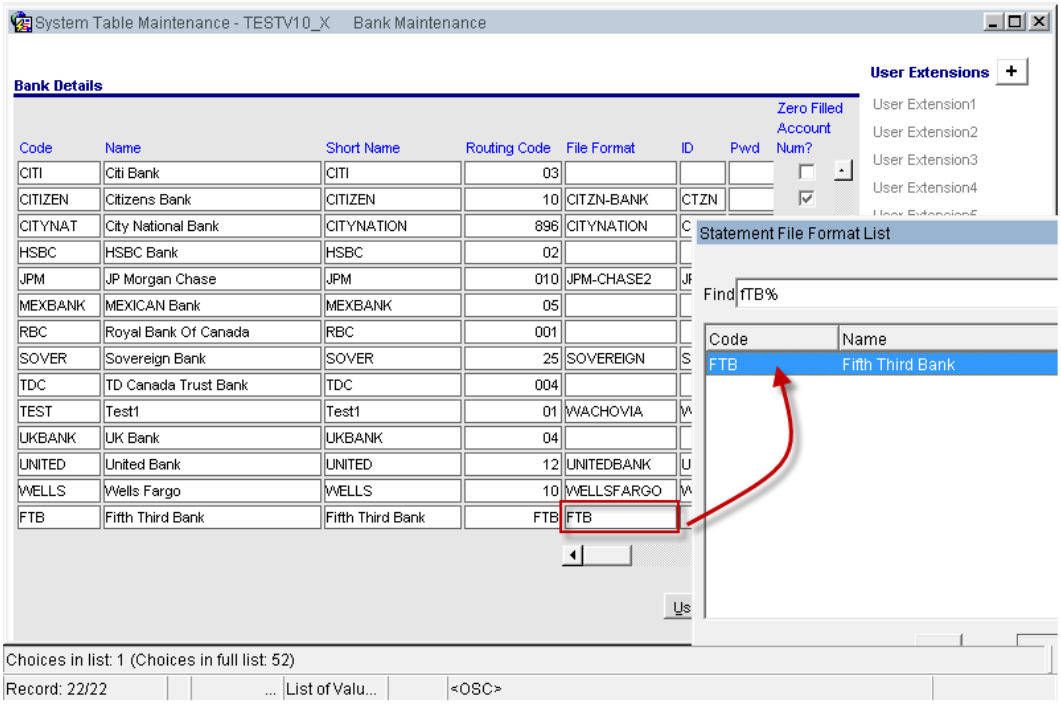
Total Fields	Start Position	Field Length	Standard Output	Sample Data
Total Indicator	1	1	T	T
Total Amount	2	13	Numeric; no decimal	0000099999999
Total Item Count	15	6	Numeric	001234

Payee information obtained from Issue File if provided

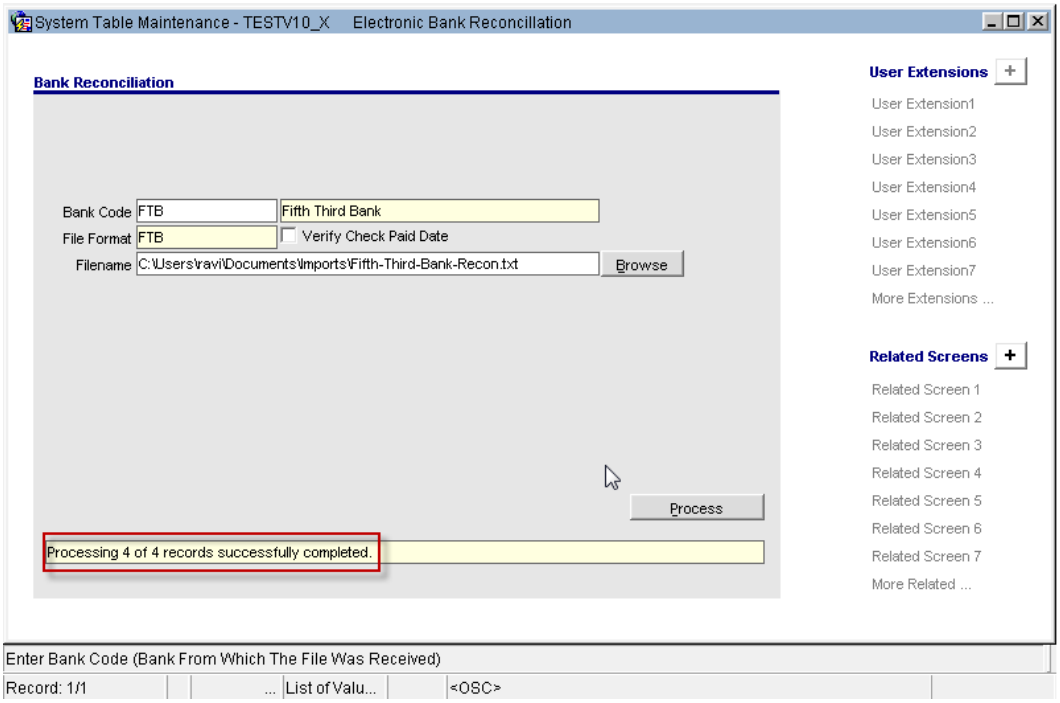
Details for Customization

1. Customized paid files do not include total information.
2. Only Fixed Width format is available. CSV is not available at this time.
3. Amounts do not include decimal points or commas.
4. If payee information is not included in the Issue File, it can not be included in the Paid Item file.
5. Dates can be customized to the following formats:
   YYMMDD YYDDMM MMDDYY MMYYDD DDMMYY DDYYMM
   YYDDD DDDYY YYYYDDD DDDYYYY YYYYMMDD YYYYDDMM
   MMDDYYYY DDMMYYYY
6. Constants can be inserted into the file (such as a status code or GL number).

Bank Reconciliation Format for Fifth Third Bank (13.82454)

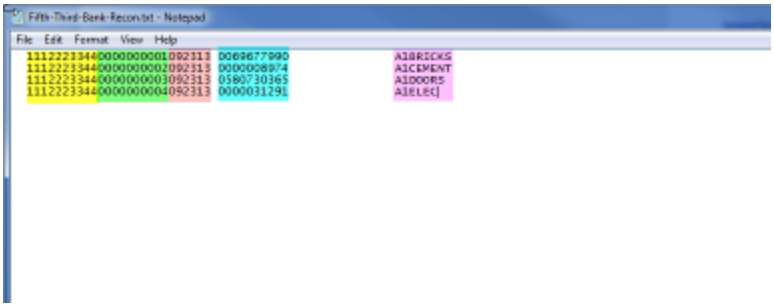


The bank maintenance form is modified to list the Bank Reconciliation Format for 'Fifth Third Bank' in the File Format field LOV.



The Bank Reconciliation form is modified to read the Fifth Third Bank Reconciliation File and process accordingly.

Sample File for Fifth Third Bank



The file follows the Format as specified by the Bank which is shown below.

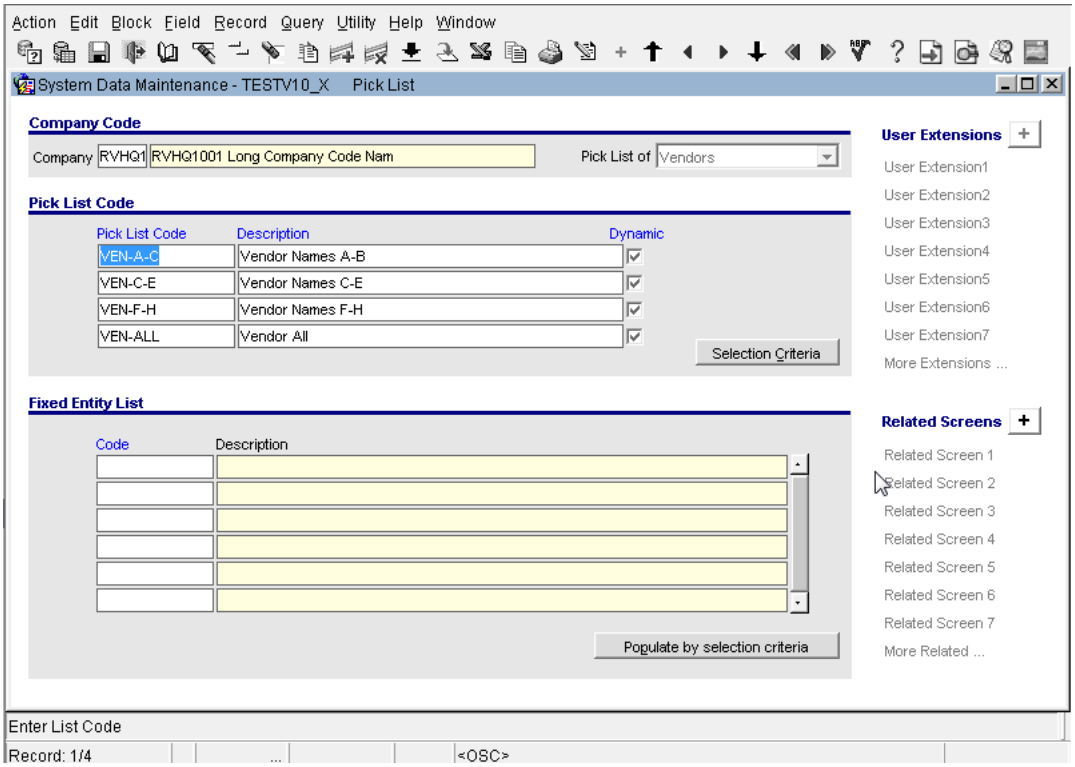
STANDARD TRANSMISSION OUTPUT FILE SPECIFICATION

0000123456780000637534091409 0000040000 16585148
0000123456780000637535091409 0000063672 11457104
0000123456780000637536091409 0000055000 11456931
0000123456780000638361091409 0000111170 16575377
0000123456780000638365091409 0000236448 16584088

Detail Record

	Filler		Account Number		Serial/Check Number		Paid Date of Check		Filler		Amount of Check		Additional Data		Sequence Number/Bank Reference		Filler	
Description	2 spaces		Your Fifth Third Bank Account Number		Serial/Check number contained in the ARP system		Date the check posted to the account		Single Space		Amount of the check		Left Blank		A bank reference field useful for research		Not Used	
Position Beg / End	01	02	03	12	13	22	23	28	29	29	30	39	40	54	55	62	63	80
Format	2 Spaces		Right Justified Zero Filled		Right Justified Zero Filled		MMDDYY		Single Space		Right Justified Zero Filled, Implied Decimal Point, and No Negatives		15 Spaces		Right Justified		Space Filled	
Example			0012345678		0000837534		XX1409				0000040000				16585148			

Vendor pick-list with Vendor Name column (13.81450)



Added 'Vendor Name' to the list of available columns in 'Vendor pick-list' selection criteria.

It may be desired to have vendor pick-list based on the starting alphabet of vendor names to group the vendors for reporting/querying purposes.

The list of columns in the 'selection criteria' popup is modified with the addition of Vendor Name (BPVENDORS)

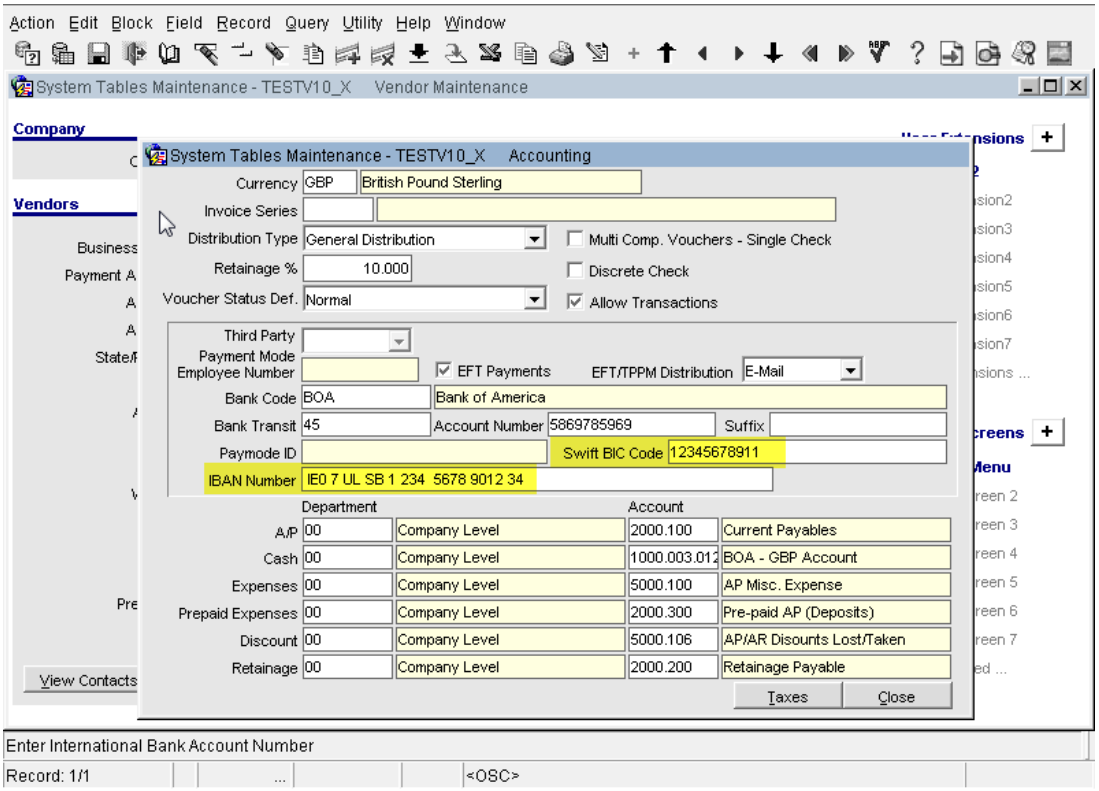
Vendor Maintenance - Bank Account Information (13.82461)

Enhancement made to maintain IBAN# & Swift BIC Code of Vendors and secure them with field security. These new fields may be used in the future for EFT file generation for submission to a North American Bank.

Modifications:

Two new fields IBAN# & Swift BIC Code are added to the Vendor > Accounting Tab

- BPVEN_IBAN_NUM VARCHAR2 (36)
- BPVEN_SWIFT_BIC_CODE VARCHAR2 (11)



Vendor Maintenance > Accounting Tab

Definition - IBAN Number

IBAN is a term, which stands for International Bank Account number which is attached to all accounts in the EU Countries plus Norway, Switzerland, Liechtenstein and Iceland.

The IBAN number consists of up to 34 alphanumeric characters which identifies the country the account belongs to, the account holder's bank and the account number itself.

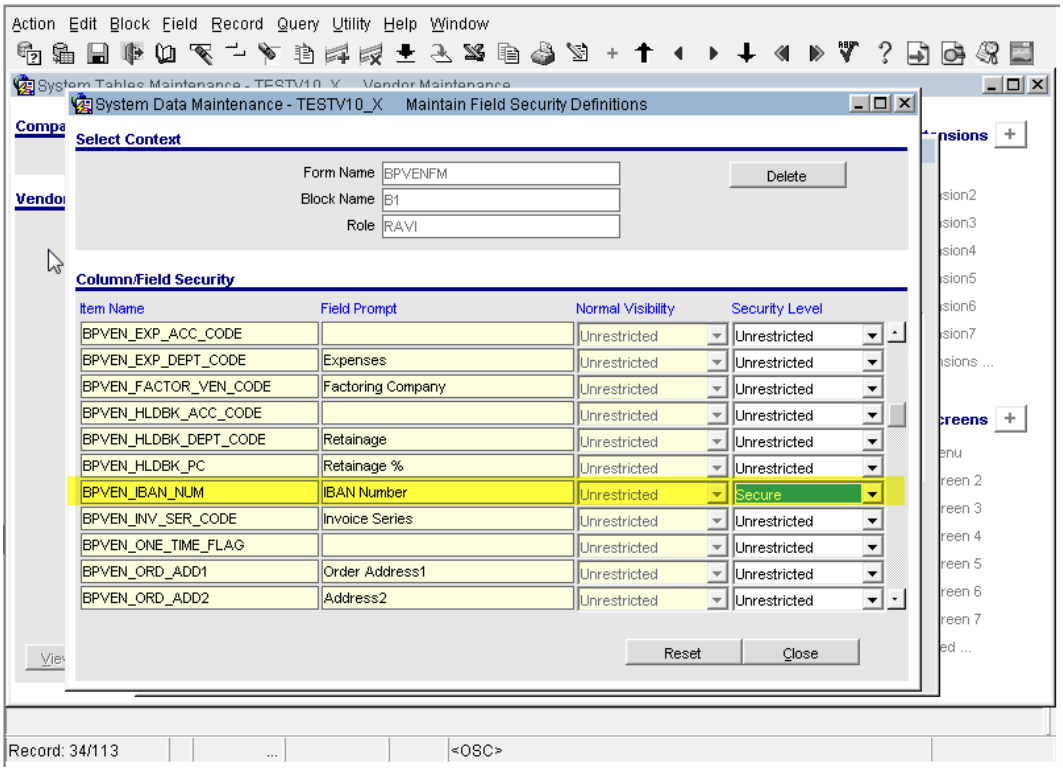
The IBAN should not contain spaces when transmitted electronically; however the IBAN printed on paper is expressed in groups of four characters separated by a single space, the last group being of variable length.

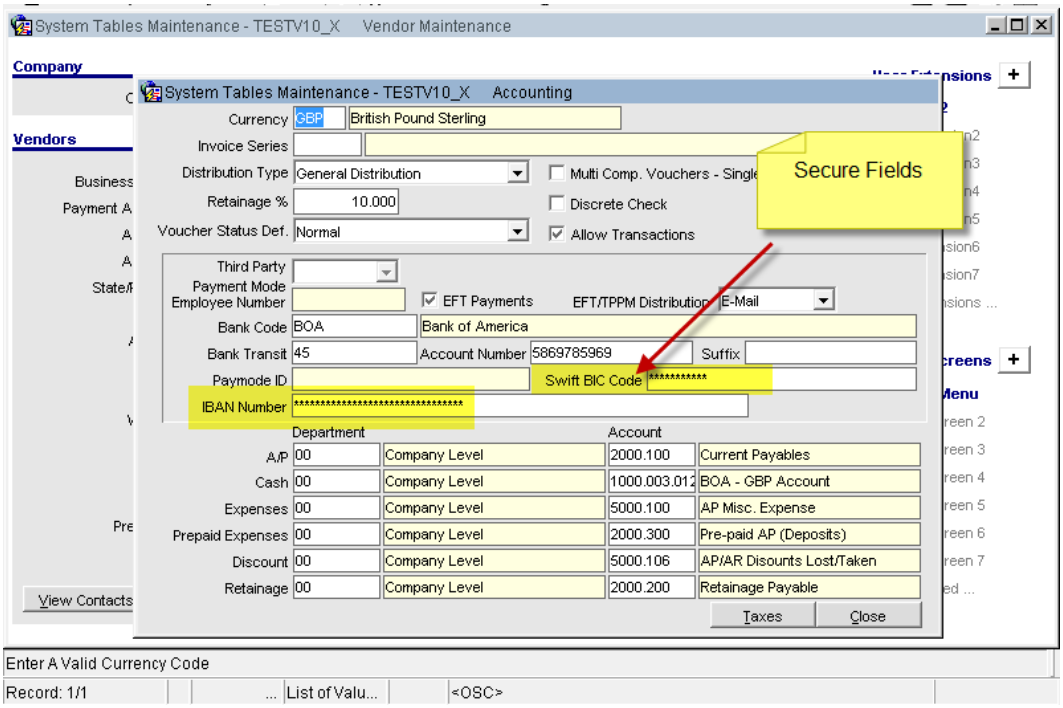
Here is a sample of an IBAN number that relates to the country of Ireland:

IE07 ULSB 1234 5678 9012 34.

Field Security

Field Security may be applied to the newly created fields in order to secure the bank account information. The two column names are BPVEN_IBAN_NUM & BPVEN_SWIFT_BIC_CODE

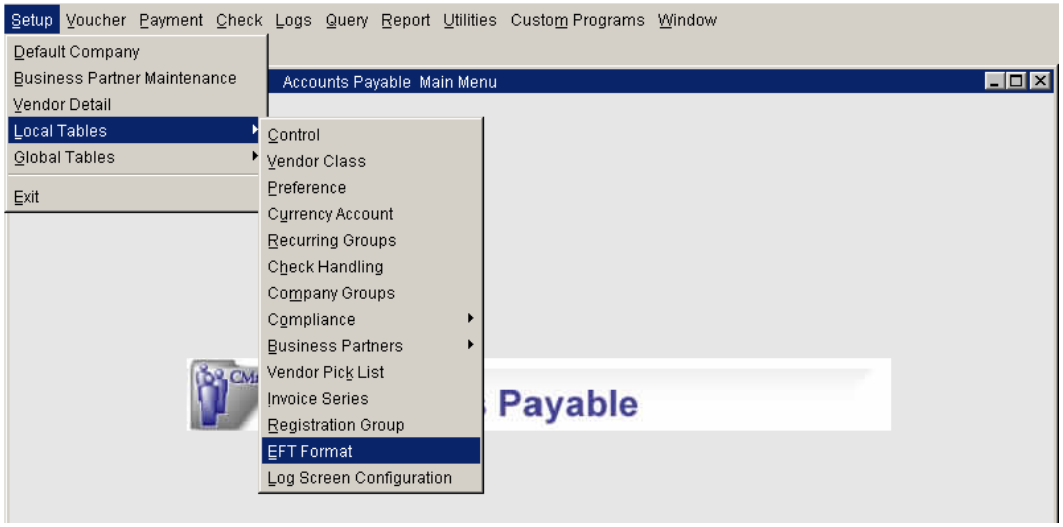




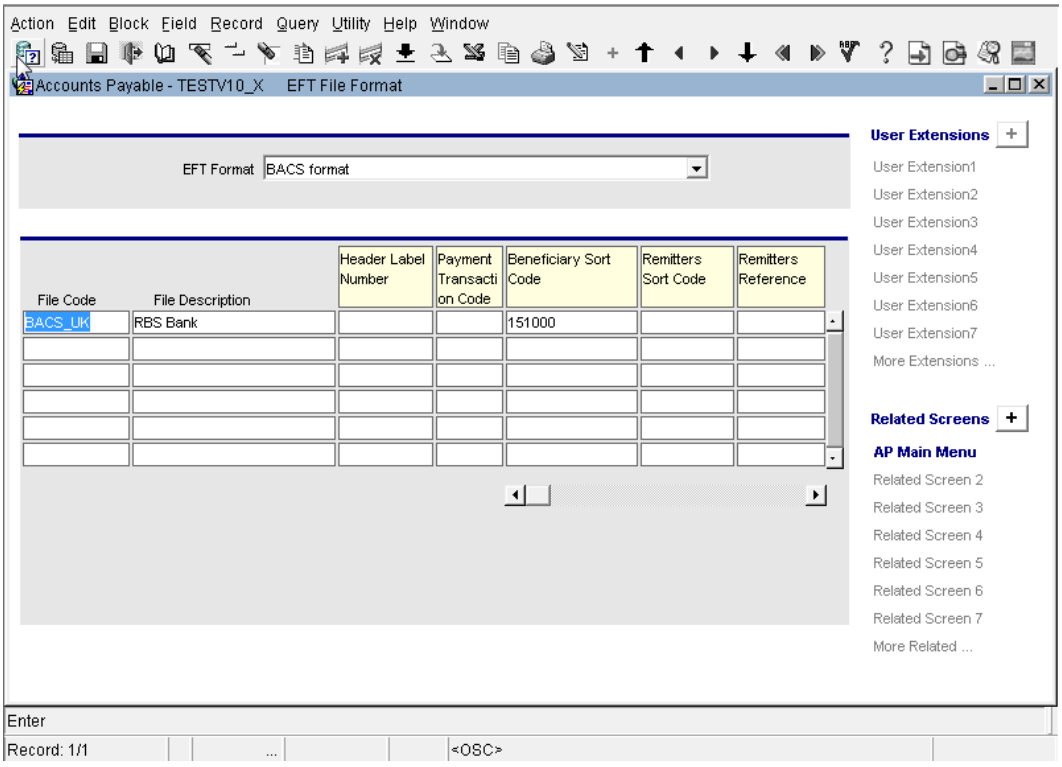
BACS EFT File Format (UK) (10.46758)

To program BACS_UK Bank EFT file format (CSV format) and apply to CMiC Accounts Payable System

EFT File Format Configuration:



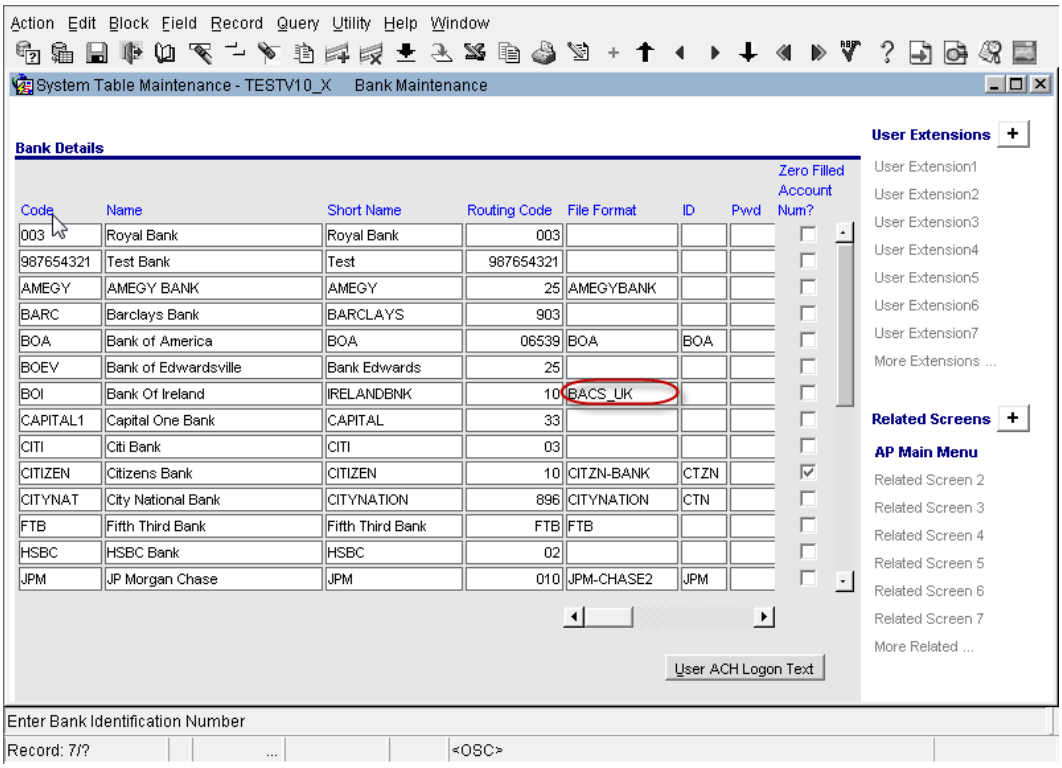
The EFT file Format Configuration screen may be called from AP>Local Tables>EFT Format



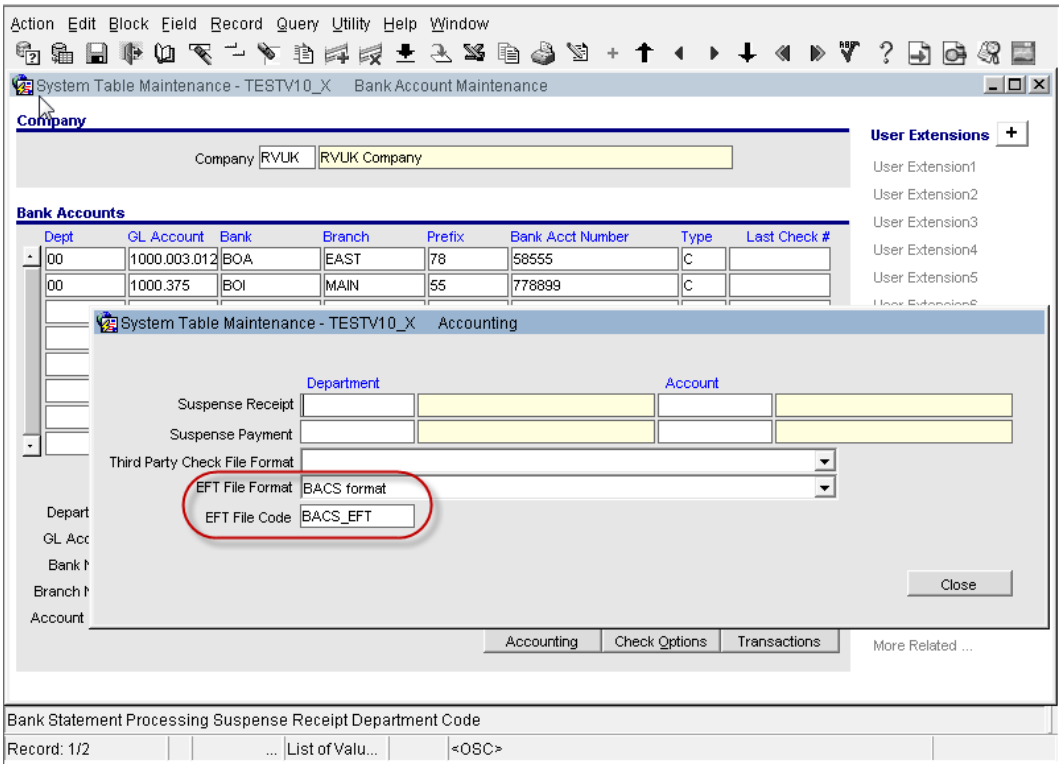
Select the EFT File Format 'BACS Format' and page down for configuration details.

Create a File Code (User Defined EFT File Code), if required. The columns may be left as null in this block.

The beneficiary Sort Code is entered as 151000 and may have to be updated as required by clients. Also, should there be a change in the Sort Code in the future, then users must update this value accordingly.



Users may prefer to select the 'BACS_UK' EFT file format when setting up the Bank in Bank Maintenance Form. This would default as the EFT File format when setting up Bank Accounts under each company.

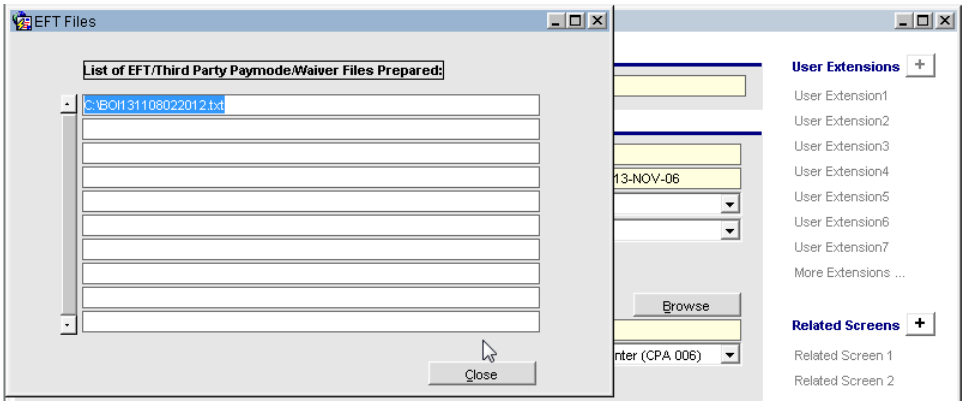


Bank Account Maintenance > Accounting popup, select the required EFT File Format and Code as shown.

These values are defaulted when preparing the EFT file in Check Printing program.

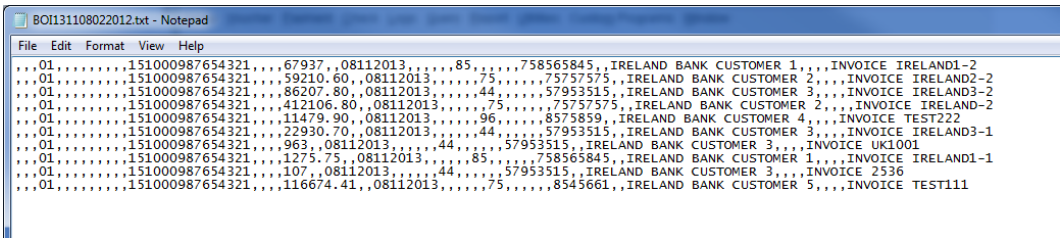
The EFT File Format and the File Code are either defaulted or users may manually select from the available list.

The following example shows that EFT File created

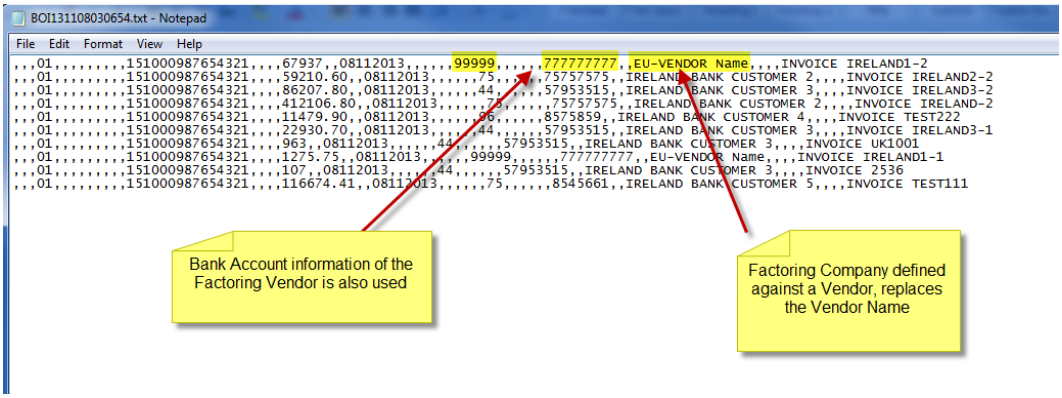


Once 'Check Printing' process is completed, the EFT generation popup opens and specifies the file name with full path of the location of the file.

Users may open the ASCII file (CSV format) and verify the contents, if required.

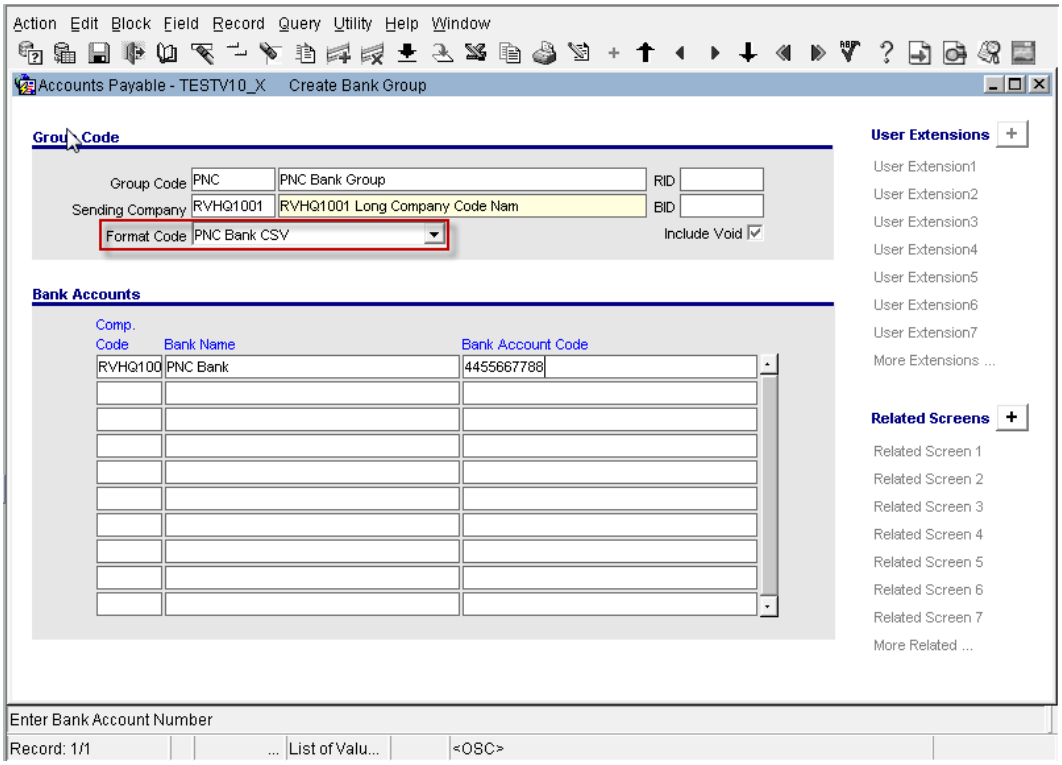


The above Output file is based on the BACS EFT File specifications provided by the customer.



The above screen shows the output file payee name and the payee bank information is drawn from the factoring company assigned in vendor maintenance form.

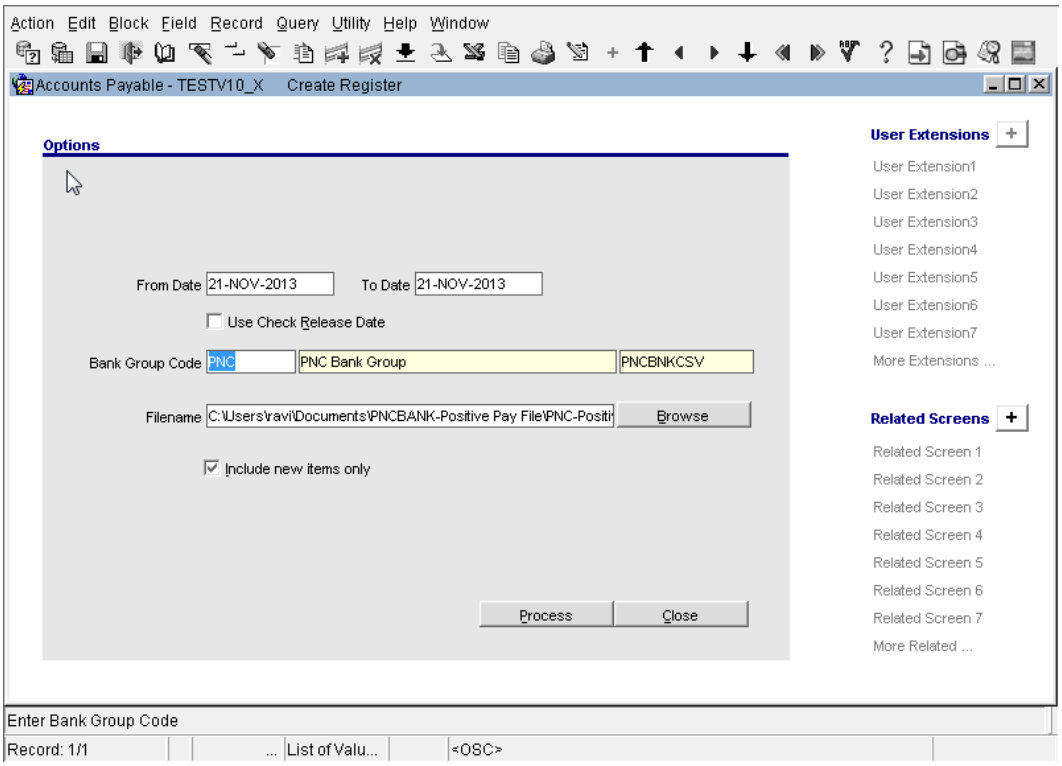
PNC Bank Positive Pay File Format (13.82703)



AP: Positive Pay Register > Create Bank Group

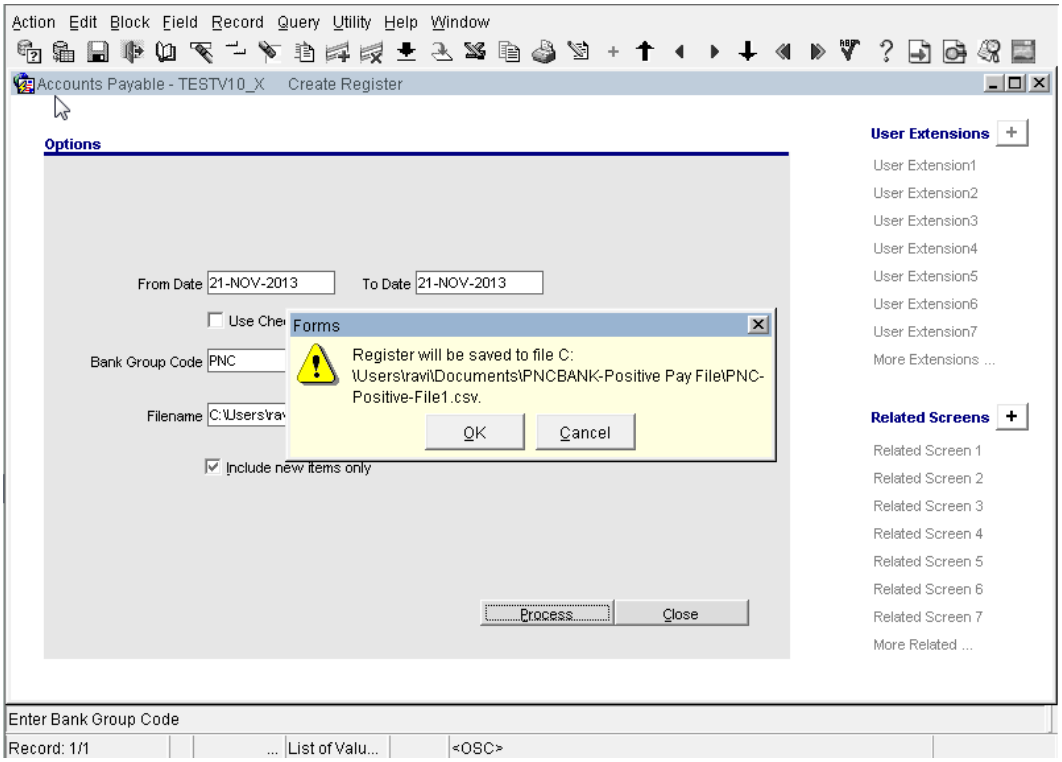
Programming modifications are done to create a new Positive Pay File Format Code as seen in the following screen. Users may select the PNC Bank CSV Format to create a bank group for PNC Bank as required.

Select the Company Code and the PNC Bank Account for the company.

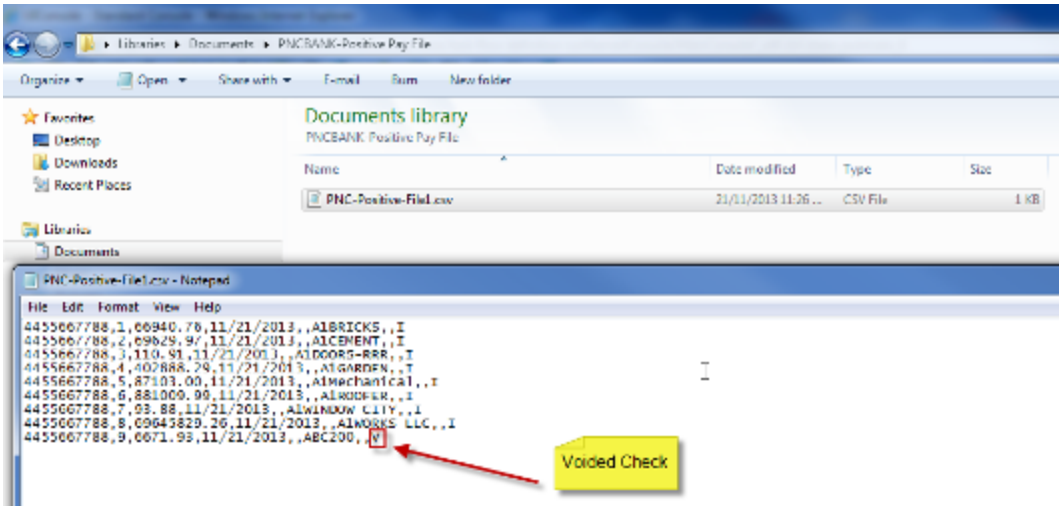


AP: Positive Pay Register > Create Register (appospay.fmx)

The file appospay.fmx is modified to process PNC Bank CSV Format and creates a Positive Pay File.



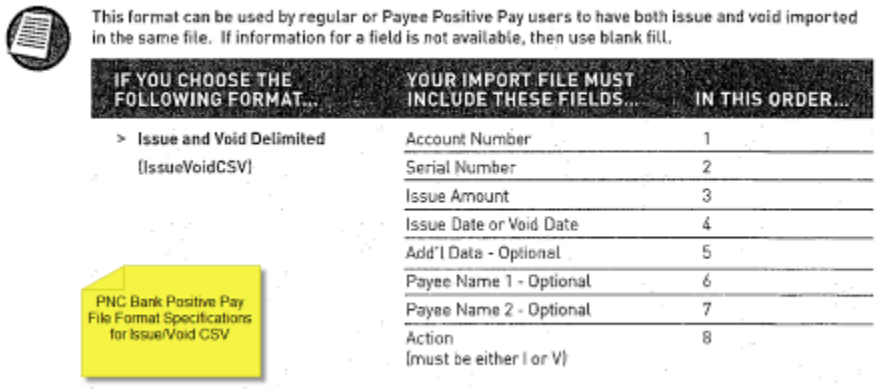
The Positive Pay File for PNC Bank is generated and stored in the specified directory path.



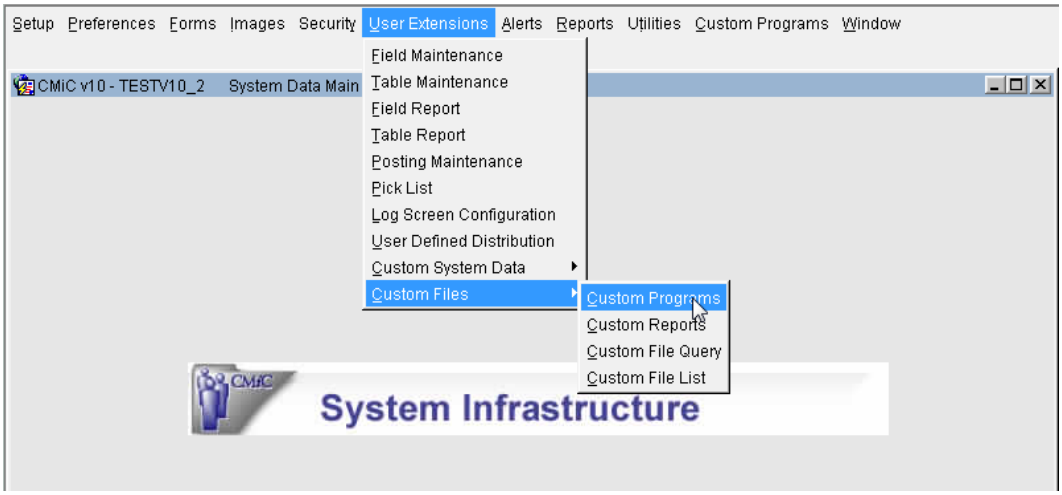
Voided Checks:

The Voided Checks are also handled by the positive pay file as per the specifications.

Specifications:

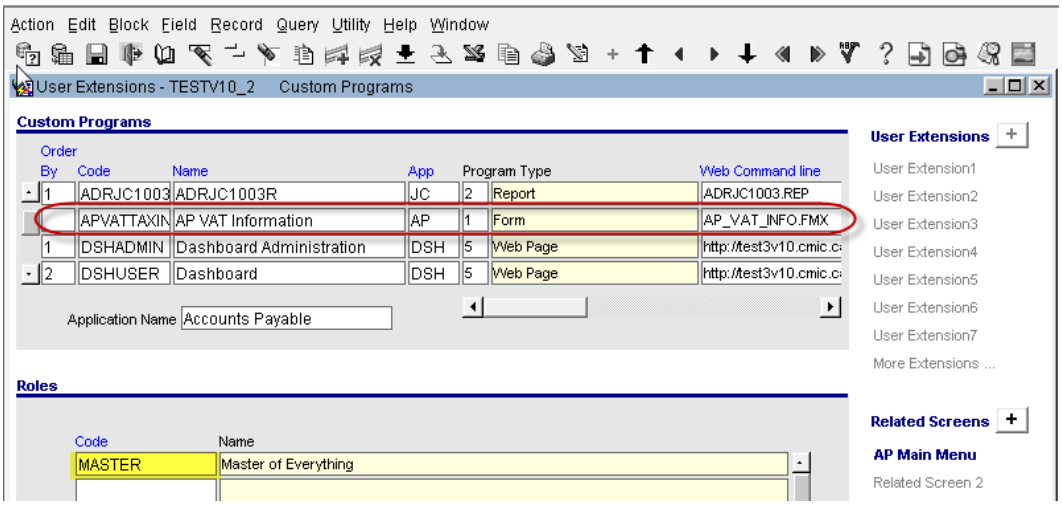


UK Tax VAT File for Online filing of Returns (13.82490)



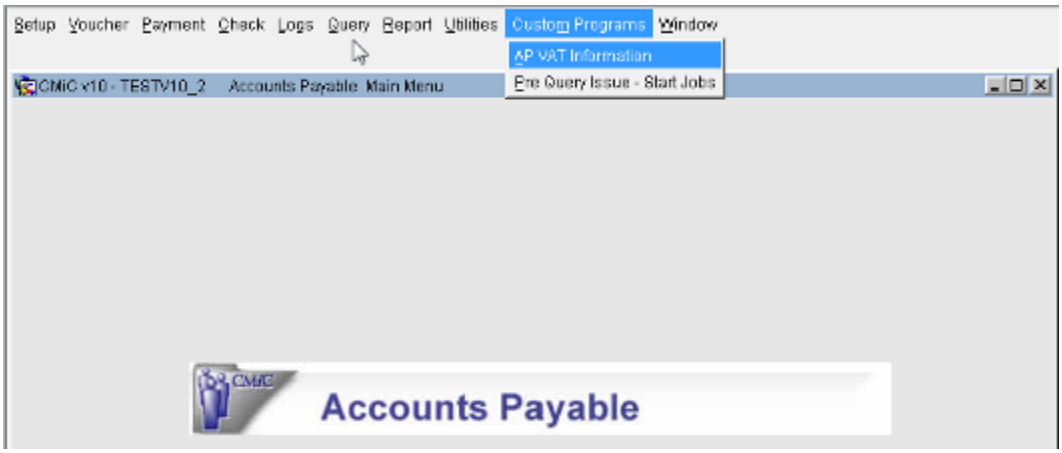
Main Menu > System > User Extensions > Custom Files > Custom Programs

To provide the ability to file VAT Returns online as per the guidelines provided by HMRC-UK. The new form AP_VAT_INFO.fmx allows defining parameters for VAT output file generation. This is not available in the standard menu and users must make an entry in the custom programs definition screen as shown above.



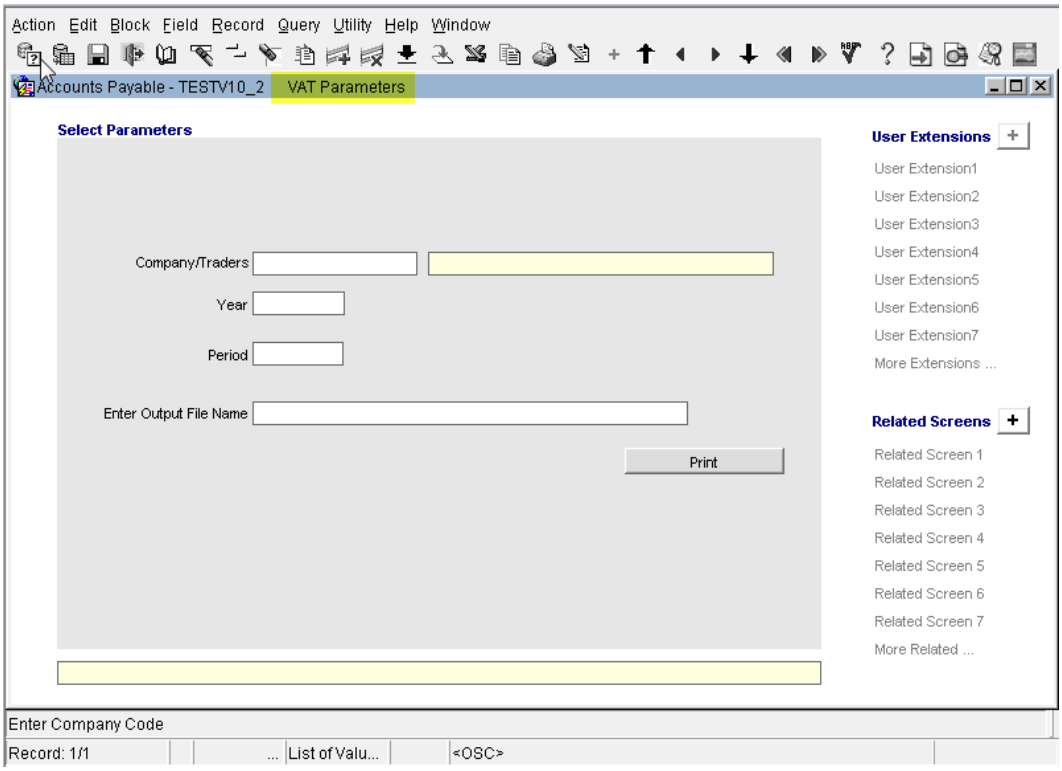
uecstprg.fmx

Insert a new line as shown above. The web Command line must have the exact file name as AP_VAT_INFO.fmx. This program may be added to any application menu. In this example, this is added to AP application. Users must explicitly assign security roles to this custom program, which will ensure that only users of those security groups will have access to the form.



Accounts Payable > Custom Programs

The AP menu in this example shows the AP VAT Information sub menu under custom programs.



AP_VAT_INFO.fmx

Enter the parameters as required.

Company/Traders :	Enter a valid Company Code or select a value from the available list.
Year:	Enter a valid year as 'YYYY'
Period:	Enter a valid period as 'MM'
Enter the Output File Name:	The program pre-populates an output file to a default location as C:\TEMP\VAT_2013_2.csv This may be overridden by the users as desired.

The output file is shown below.



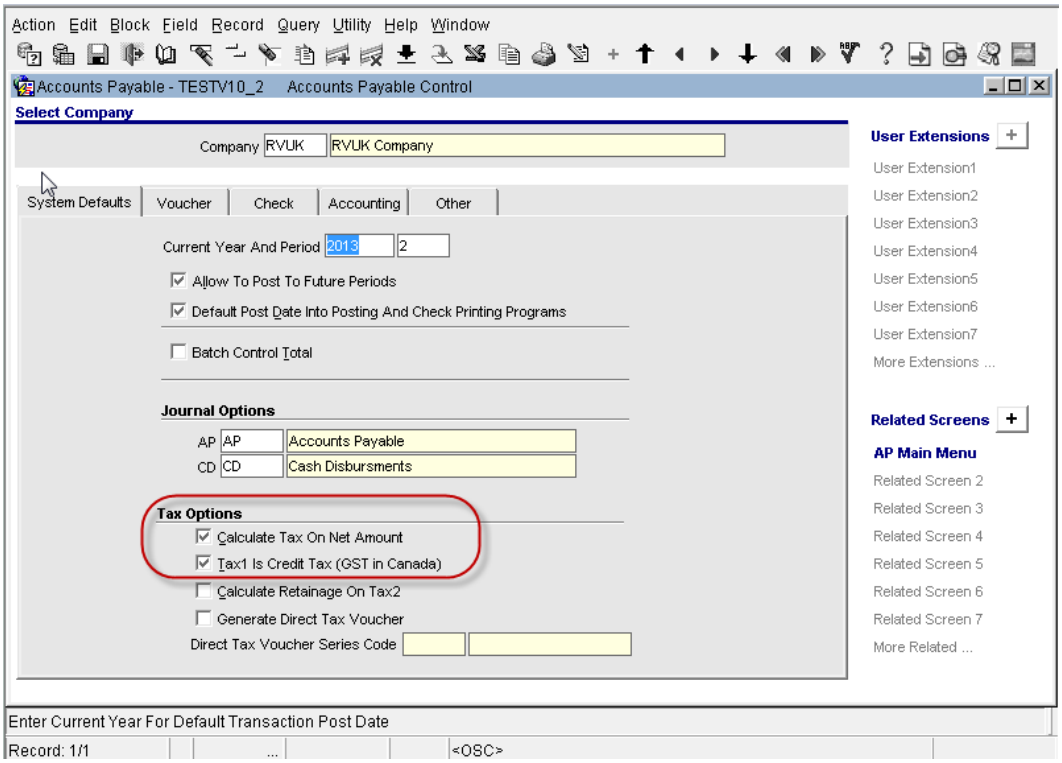
AA1,AA2,AA3,AA4,AA5,AA6,AA7,AA8,AA9,AA10,AA11,AA12,AA13,AA14,AA15

Trader Name,VAT Registration Number (VRN),VAT Period,VAT due on Sales and Outputs,VAT due on EC Acquisitions,Total VAT,VAT reclaimed on Purchases and Inputs,Net VAT,Net Sales and Outputs,Net Purchases and Inputs,Net EC Supplies,Net EC Acquisitions,Amount of Balancing Payment due to HMRC for this VAT Return,Is it Final Return (VAT 193) ?,Trader Email

RVUK,987654321,2013-02,277.2,0,277.2,173.25,103.95,4400,2750,2500,0,,,,

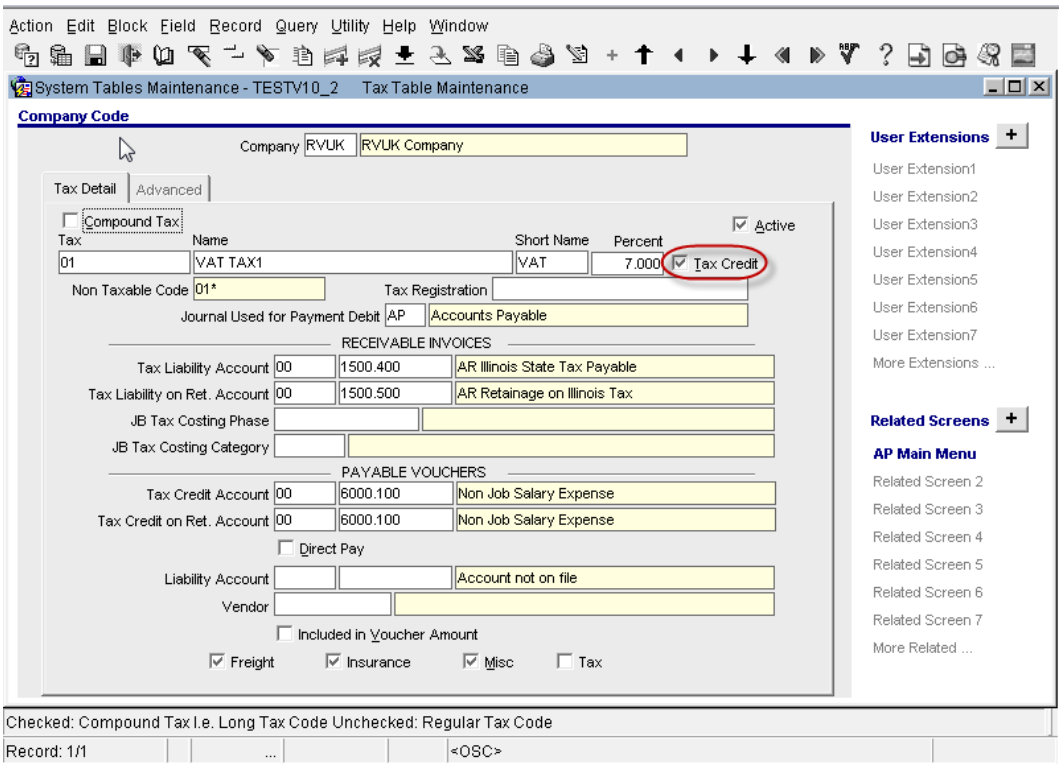
The one line highlighted above is the actual data record that is produced for the purpose of efile submission.

Configuration Requirements:



AP Control File

This is specific to CMiC customers operating from UK. Hence, the AP Control file for 'tax options' must be setup as shown above.

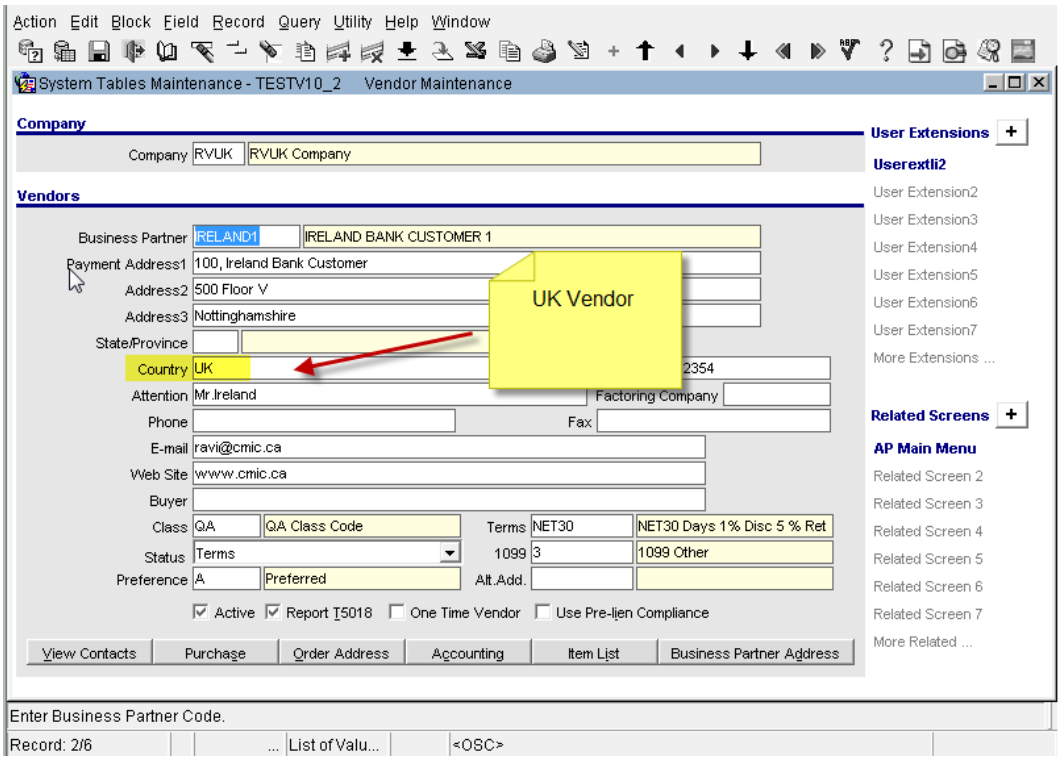


Tax Maintenance

The tax codes must be set up as Credit Tax

IMPORTANT NOTE:

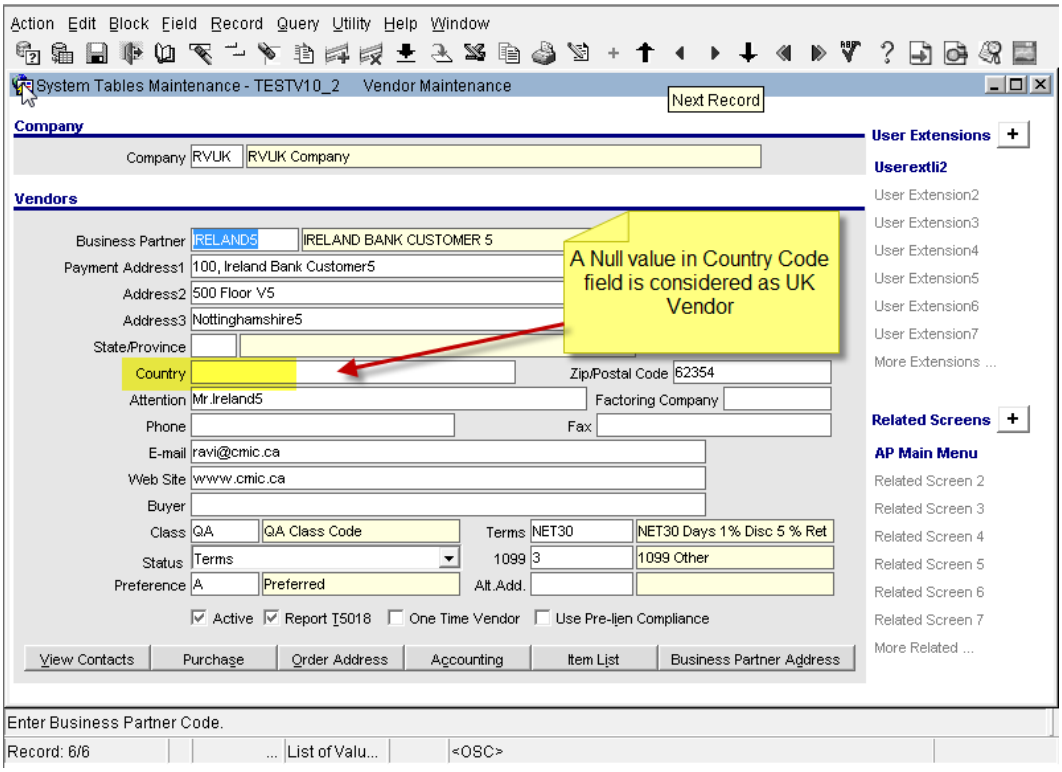
1. The VAT Output file is generated for the posted AP Vouchers/AR Invoices that have credit taxes assigned. Any Non-Credit taxes setup by the users and subsequent use of the non-credit taxes will NOT be included in the VAT output file. It is recommended that users do NOT use both credit and non-credit taxes setup for their AP vouchers/AR invoices

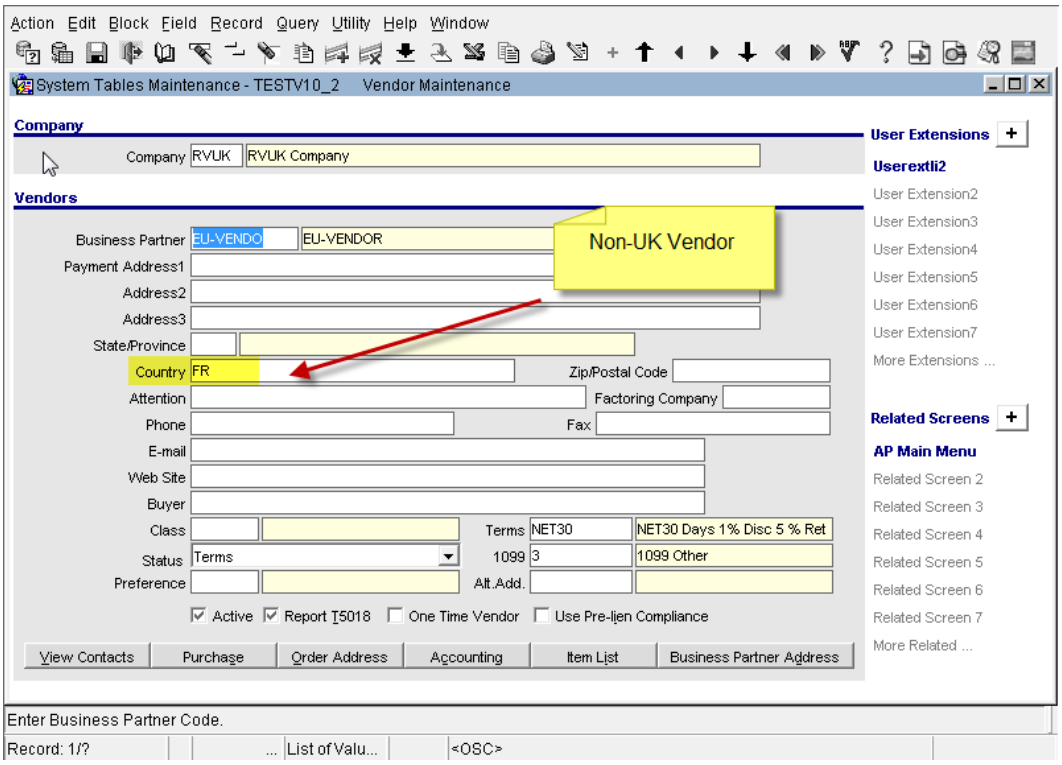


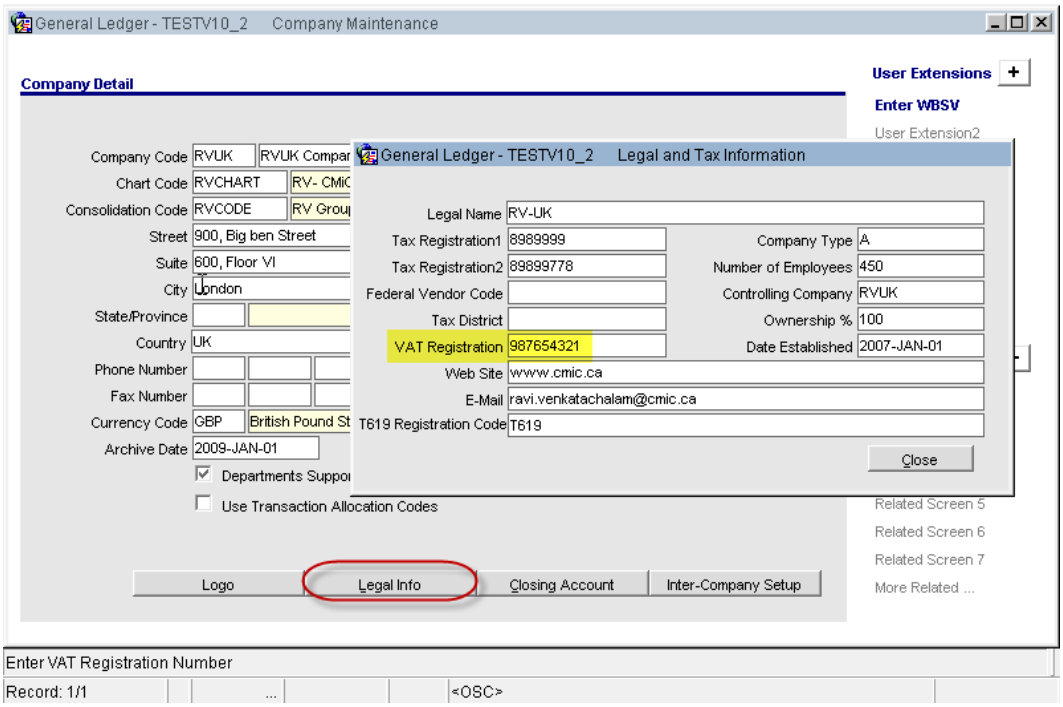
Vendor Maintenance

The vendor maintenance 'Country' field value is the most important column that determines the VAT output file column values.

1. A vendor with country code entered as 'UK' is considered as UK vendor.
2. A vendor with country code left as 'Null' is considered as UK Vendor.
3. A Vendor with any other country code is considered a EU Vendor.


Action Edit Block Field Record Query Utility Help Window
System Tables Maintenance - TESTV10_2 Vendor Maintenance
Next Record
Company
Company RVUK RVUK Company
Vendors
Business Partner IRELAND5 IRELAND BANK CUSTOMER 5
Payment Address1 100, Ireland Bank Customer5
Address2 500 Floor V5
Address3 Nottinghamshire5
State/Province
Country
Zip/Postal Code 62354
Attention Mr.Ireland5
Factoring Company
Phone
Fax
E-mail ravi@cmic.ca
Web Site www.cmic.ca
Buyer
Class QA QA Class Code
Terms NET30 NET30 Days 1% Disc 5 % Ret
Status Terms
1099 3 1099 Other
Preference A Preferred
Alt.Add.
Active Report T5018 One Time Vendor Use Pre-lien Compliance
View Contacts Purchase Order Address Accounting Item List Business Partner Address
A Null value in Country Code field is considered as UK Vendor
User Extensions
Userextli2
User Extension2
User Extension3
User Extension4
User Extension5
User Extension6
User Extension7
More Extensions ...
Related Screens
AP Main Menu
Related Screen 2
Related Screen 3
Related Screen 4
Related Screen 5
Related Screen 6
Related Screen 7
More Related ...
Enter Business Partner Code.
Record: 6/6
List of Valu...
<OSC>


Action Edit Block Field Record Query Utility Help Window
System Tables Maintenance - TESTV10_2 Vendor Maintenance
Company
Company RVUK RVUK Company
Vendors
Business Partner EU-VENDO EU-VENDOR
Payment Address1
Address2
Address3
State/Province
Country FR
Zip/Postal Code
Attention
Factoring Company
Phone
Fax
E-mail
Web Site
Buyer
Class
Terms NET30 NET30 Days 1% Disc 5 % Ret
Status Terms
1099 3 1099 Other
Preference
Alt.Add.
Active Report T5018 One Time Vendor Use Pre-lien Compliance
View Contacts Purchase Order Address Accounting Item List Business Partner Address
Non-UK Vendor
User Extensions
Userextli2
User Extension2
User Extension3
User Extension4
User Extension5
User Extension6
User Extension7
More Extensions ...
Related Screens
AP Main Menu
Related Screen 2
Related Screen 3
Related Screen 4
Related Screen 5
Related Screen 6
Related Screen 7
More Related ...
Enter Business Partner Code.
Record: 1/?
List of Valu...
<OSC>



Company Maintenance > Legal Info > VAT Registration

Output File Column Mapping

			HMRC Guide Columns >	1	2
AA1	**AA2**	**AA3**	**AA4**	**AA5**	
Trader Name	**VAT Registration Number (VRN)**	**VAT Period**	**VAT due on Sales and Outputs**	**VAT due on EC Acquisitions**	
GL Company Code	Company VAT Reg#	Period *'YYYY-MM'*	Total AR Tax amount - Credit Tax - Posted AR Invoices - Not Voided	Hardcoded as '0'	

3	4	5	6	7
AA6	**AA7**	**AA8**	**AA9**	**AA10**
Total VAT	**VAT reclaimed on Purchases and Inputs**	**Net VAT**	**Net Sales and Outputs**	**Net Purchases and Inputs**
(AA4 + AA5)	Total AP Tax Amount - Credit Tax - Posted voucher - Not Voided	(AA6 -AA7)	Total AR Invoice amount	Total AP Voucher amount

8	9	10 (Optional)	11 (Optional)	12 (Optional)

AA11	AA12	AA13	AA14	AA15
Net EC Supplies	Net EC Acquisitions	Amount of Balancing Payment due to HMRC for this VAT Return	Is it Final Return (VAT 193) ?	Trader Email
Non-UK Total AR Amt	Non-UK Total AP Amt	null	null	null
Non-UK Customer will be determined from Business Partner Maint Screen's Country field.	Non-UK Vendor will be determined from Business Partner Maint Screen's Country field.			

Verification of the Example Output File

RVUK,987654321,2013-02,277.2,0,277.2,173.25,103.95,4400,2750,2500,0,,,,

AA1:	RVUK	Company Code
AA2:	987654321	VAT Registration Number
AA3:	VAT Period	2013-02
AA4:	277.20	Total AR Tax Amount
AA5:	0	Hardcoded value '0'
AA6:	277.20	(AA4+AA5)
AA7:	173.25	Total AP Tax Amount
AA8:	103.95	(AA6-AA7)
AA9:	4400.00	Total AR Invoice Amount
AA10:	2750.00	Total AP Voucher Amount
AA11:	2500.00	Non-UK Total AR Amount
AA12:	0.00	Non-UK Total AP Amount
AA13:	Null	Amount of Balancing Payment due to HRMC this VAT Return
AA14:	Null	Is this Final VAT Return?
AA15:	Null	Trader Email

AP Standard EFT File Format (13.80473)

A 'Standard EFT File Format' is programmed and available for users to setup and use the same. The following screens show an example of setup and use. The file Format Specifications are also added at the end of this section.

Standard EFT File Format (STD_EFT)

FILE HEADER RECORD				
Field Name	**Inclusion**	**Contents**	**Length**	**Position**
File Header Record Type Code	M	'1' – EFT Setup	01	01-01
Priority Code	R	'01' – EFT Setup	02	02-03
Immediate Destination	M	b + TTTTAAAAC (Bank Transit / Routing Number) - EFT Setup (b = space)	10	04-13
Immediate Origin	M	b or 1 + TTTTAAAAC da.company.comp_fed_tax1_code(b = space)	10	14-23
File Create/Transmission Date	M	SYSDATE – YYMMDD	06	24-29
File Create/Transmission Time	M	SYSDATE – HHMM	04	30-33
File ID Modifier	M	Uppercase A-Z, Numeric 0-9 – Calculated Value	01	34-34
Record Size	M	'094' – EFT Setup	03	35-37
Blocking Factor	M	'10' – EFT Setup	02	38-39
Format Code	M	'1' – EFT Setup	01	40-40
Immediate Destination Name	M	Bank Name - EFT Setup	23	41-63
Immediate Origin Name	M	Bank Company Name - da.company.comp_name	23	64-86
Reference Code	M	Blank - EFT Setup	08	87-94

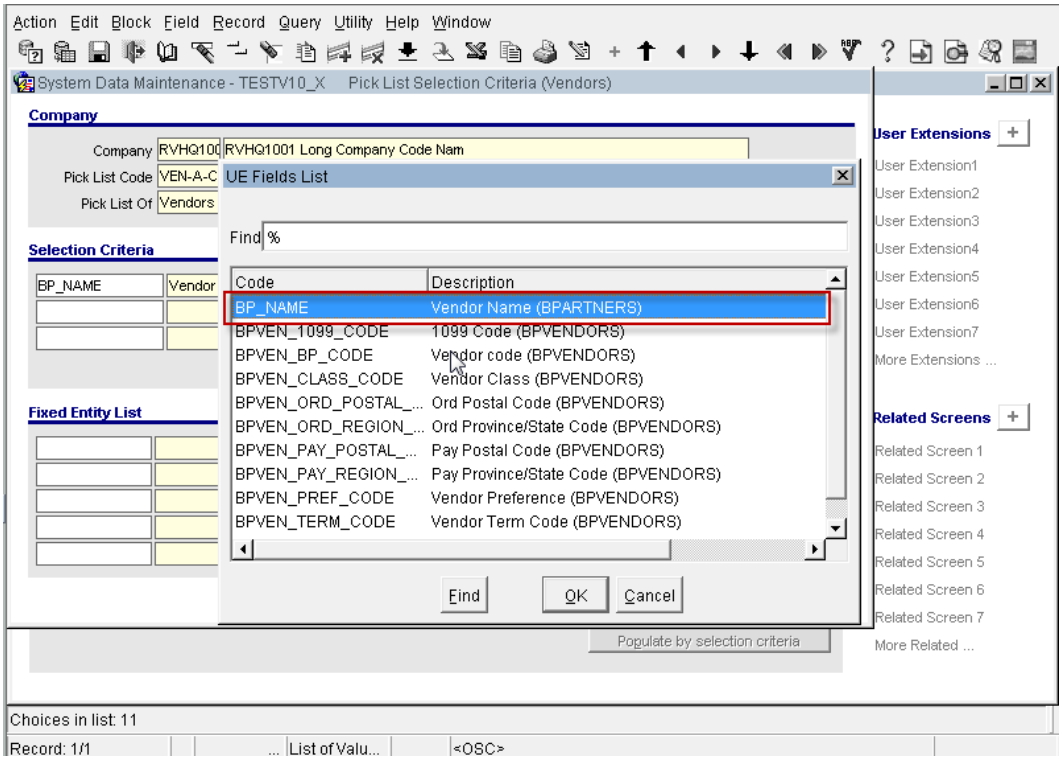
COMPANY/BATCH HEADER RECORD				
Field Name	**Inclusion**	**Contents**	**Length**	**Position**
Batch Header Record Type Code	M	'5' – EFT Setup	01	01-01
Service Class Code	M	'200' – EFT Setup	03	02-04
Company Name	M	Header Company Name – da.company.comp_name	16	05-20
Company Discretionary Data	O	Blank - EFT Setup	20	21-40
Company ID	M	Da.company.comp_fed_tax1_code	10	41-50
Standard Entry Class Code	M	'CCD' - EFT Setup	03	51-53
Company Entry Description	M	Blank - EFT Setup – Need to specify based on Entry class code	10	54-63
Company Descriptive Date	O	Payment Date – da.paysel.ps_pay_date (YYMMDD)	06	64-69
Effective Entry Date	R	Payment Date – da.paysel.ps_pay_date (YYMMDD)	06	70-75
Settlement Date(Julian)	Inserted by ACH operator	Blank	03	76-78
Originator Status Code	M	'1' - EFT Setup	01	79-79
Origination DFI Identification	M	TTTTAAAA (Bank Transit / Routing Number) - EFT Setup	08	80-87
Batch Number	M	Calculated Value	07	88-94

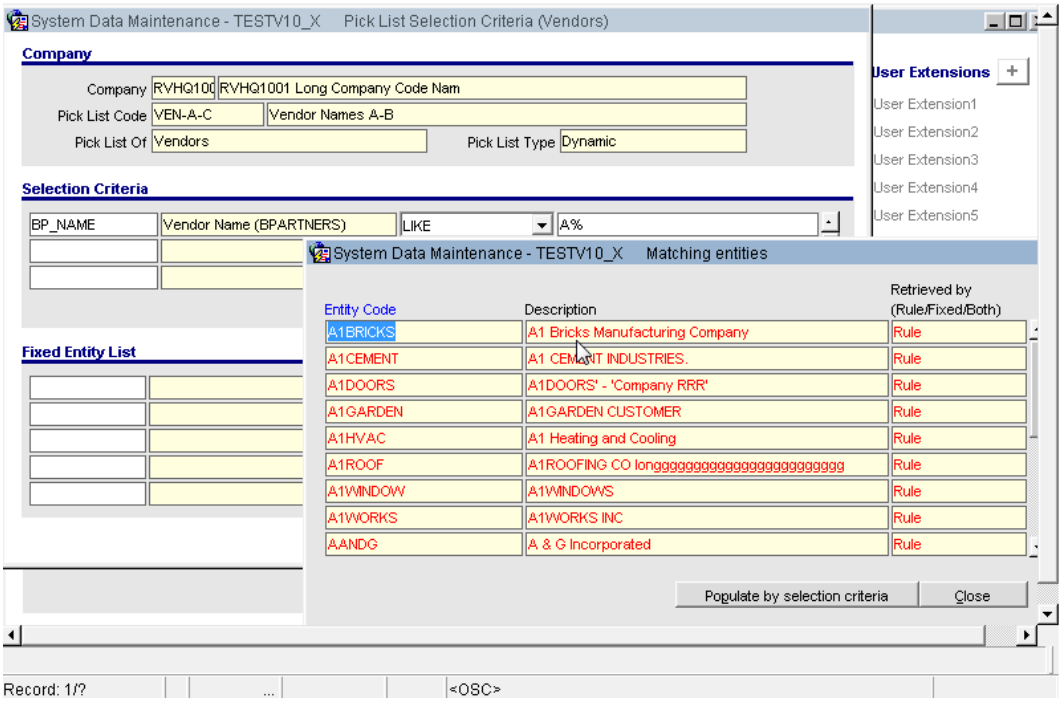
ENTRY DETAIL RECORD				
Field Name	**Inclusion**	**Contents**	**Length**	**Position**
Entry Detail Record Type Code	M	'6' - EFT Setup	01	01-01
Transaction Code	M	'27' - EFT Setup	02	02-03
Receiving DFI Identification	M	TTTTAAAA da.bpvendor_table.bpven_bank_acc_num1 (First four characters) + da.bpvendor_table.bpven_bank_acc_num3 (First four characters)	08	04-11
Check Digit	M	da.bpvendor_table.bpven_bank_acc_num1 (One character from Fourth position)	01	12-12
DFI Account Number	R	da.bpvendor_table.bpven_bank_acc_num2	17	13-29
Amount	M	da.payamt.pa_amt - $$$$$$$$cc	10	30-39
Individual Identification Number	O	da.payamt.pa_chq_num	15	40-54
Individual Name / Receiving Company Name	R	da.bpartner.pb_name	22	55-76
Discretionary Data	O	Blank – EFT Setup	02	77-78
Addenda Record Indicator	M	'0' - EFT Setup – If setup as '1' then show record type '7' and if '0' then not show record type '7'. Record type '7' is optional.	01	79-79
Trace Number	M	8 characters (Bank Transit / Routing Number - EFT setup) + 7 characters Sequence number generated by system.	15	80-94

ADDENDA RECORD				
Field Name	**Inclusion**	**Contents**	**Length**	**Position**
Addenda Record Type Code	M	'7' – EFT Setup	01	01-01
Addenda Type Code	M	'05' – EFT Setup	02	02-03
Payment Related Information	O	Blank – EFT Setup	80	04-83
Addenda Sequence Number	M	Calculated value	04	84-87
Entry Detail Sequence Number	M	Calculated value	07	88-94

COMPANY / BATCH CONTROL RECORD				
Field Name	**Inclusion**	**Contents**	**Length**	**Position**
Batch Control Record Type Code	M	'8' – EFT Setup	01	01-01
Service Class Code	M	'200' – EFT Setup	03	02-04
Entry Addenda Count	M	Calculated value	06	05-10
Entry Hash	M	Calculated value	10	11-20
Total Debit Entry Dollar Amount	M	'0' Always - $$$$$$$$$$cc	12	21-32
Total Credit Entry Dollar Amount	M	Total Credit Batch Total (sum(da.payamt.pa_amt)) - $$$$$$$$$$cc	12	33-44
Company Identification	M	Da.company.comp_fed_tax1_code	10	45-54
Message Authentication Code	O	Blank	19	55-73
Reserved	N/A	Blank	06	74-79
Originating DFI Identification	M	TTTTAAAA (Bank Transit / Routing Number) - EFT Setup	08	80-87
Batch Number	M	Calculated value	07	88-94

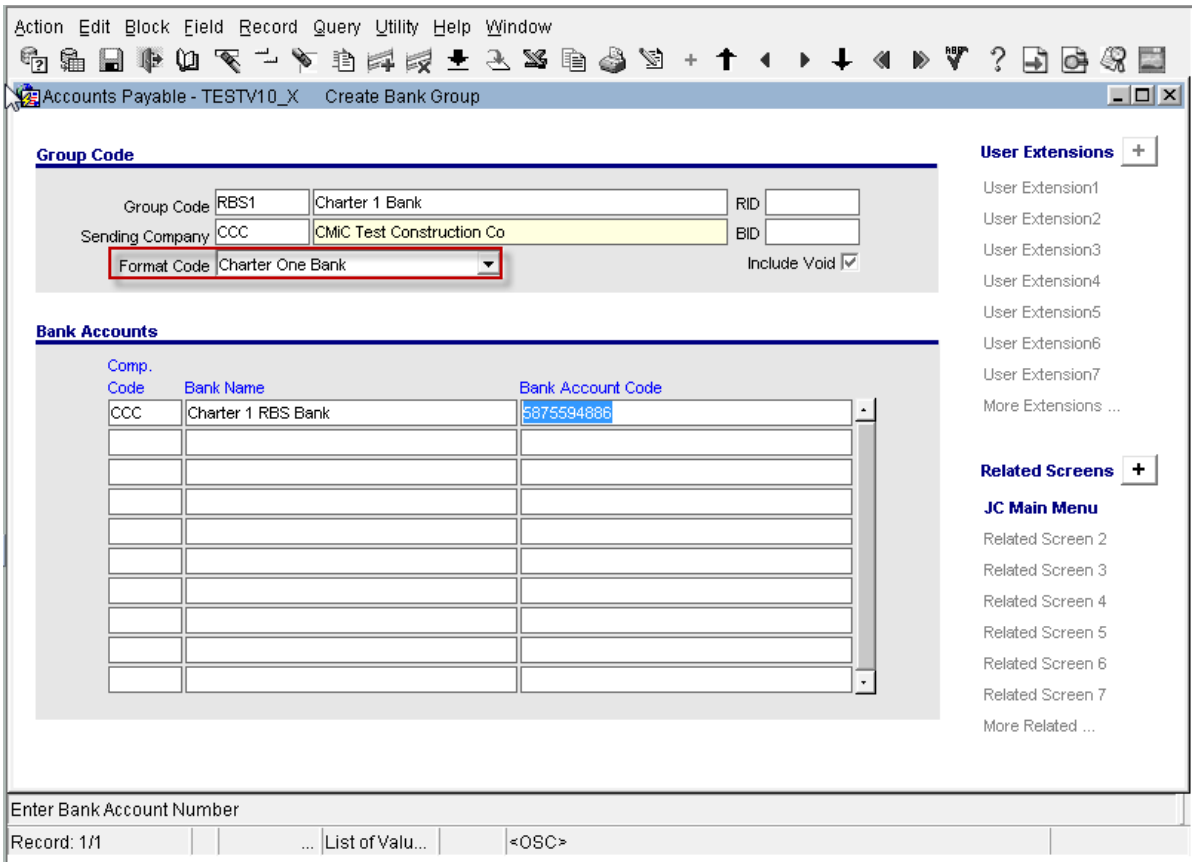
FILE CONTROL RECORD				
Field Name	**Inclusion**	**Contents**	**Length**	**Position**
File Control Record Type Code	M	'9' – EFT Setup	01	01-01
Batch Count	M	Calculated value	06	02-07
Block Count	M	Calculated value	06	08-13
Entry / Addenda Count	M	Calculated value	08	14-21
Entry Hash	M	Calculated value	10	22-31
Total Debit Entry Dollar Amount in File	M	'0' Always - $$$$$$$$$$cc	12	32-43
Total Credit Entry Dollar Amount in File	M	Total Credit File Control Total (sum(da.payamt.pa_amt)) - $$$$$$$$$$cc	12	44-55
Reserved	N/A	Blank – EFT Setup	39	56-94





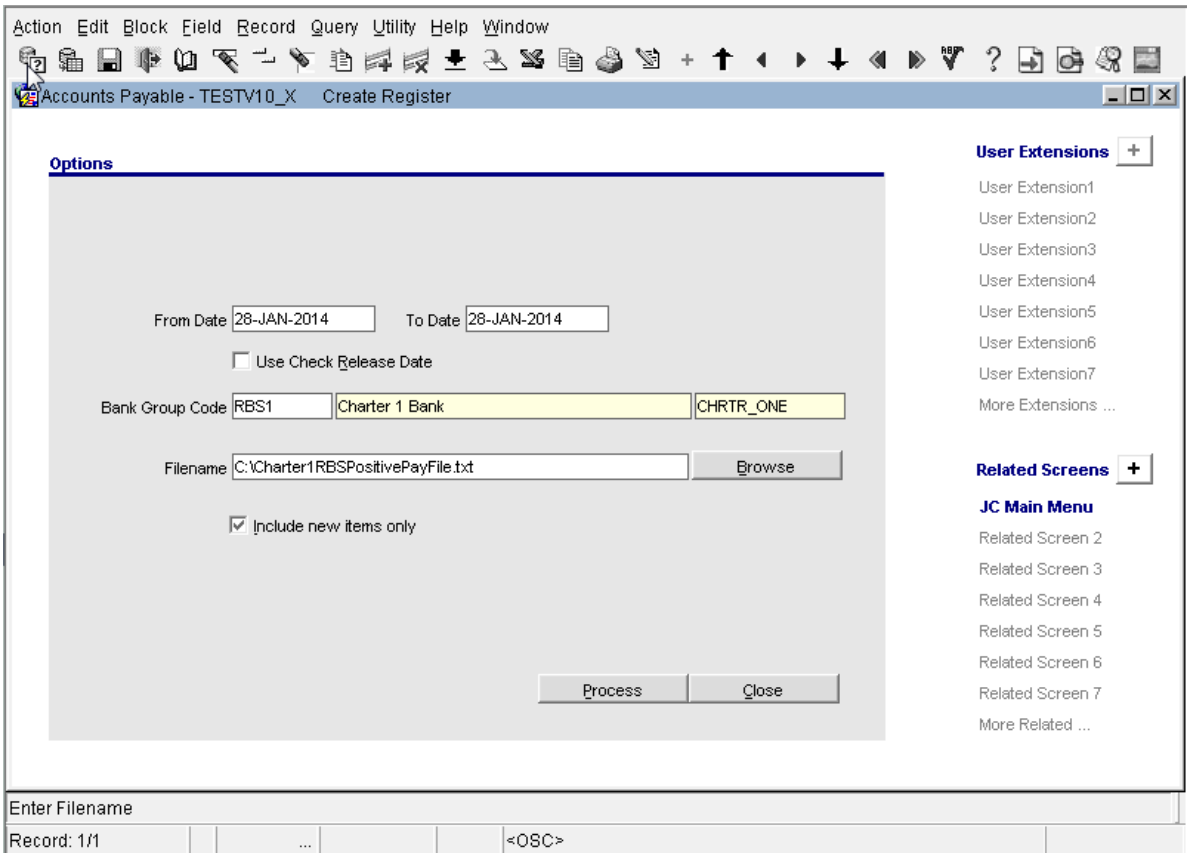
Positive Pay File Format for Charter 1 RBS Bank (13.85870)

To Create AP Positive Pay File Format for Charter 1 RBS Bank as per specification provided.



AP > Check > Positive Pay Register > Create Bank Group

Entries are made in the system and the Charter One Bank format code is available for setup in the 'Create Bank Group' form

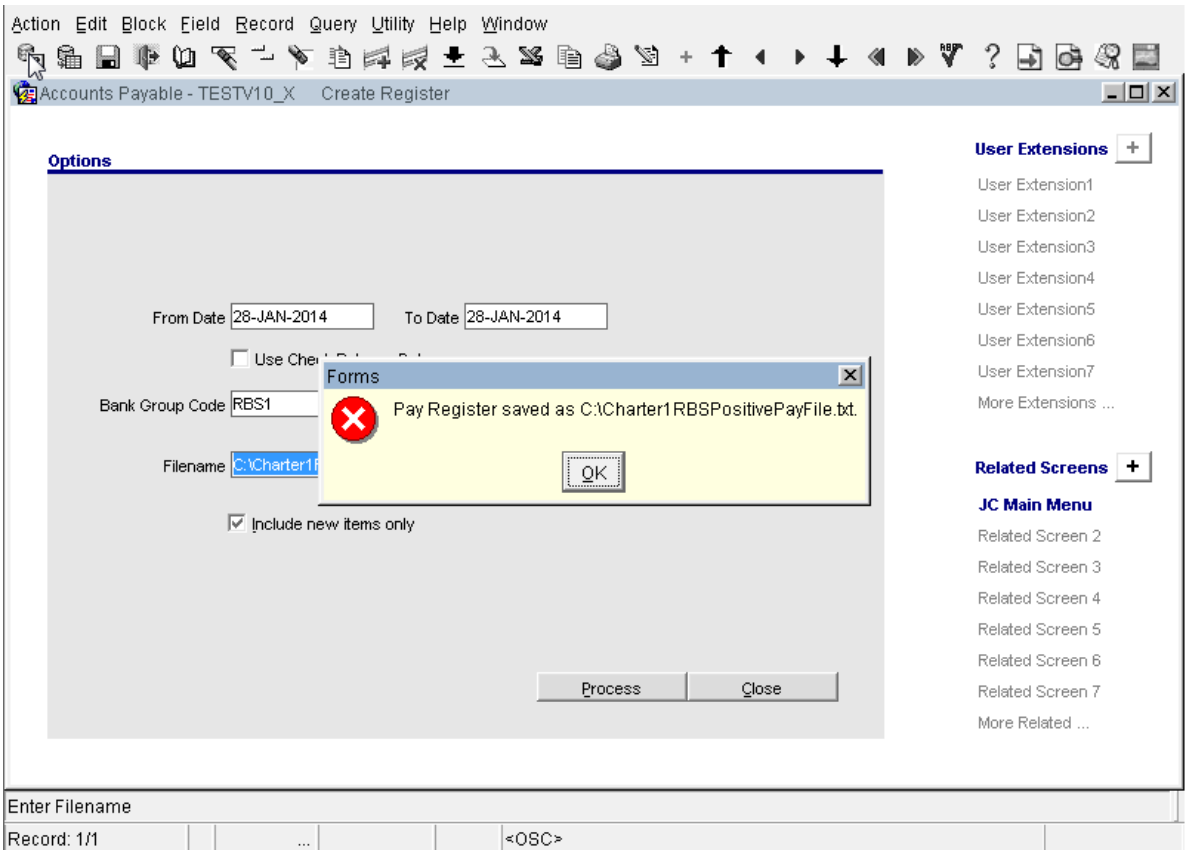


AP> Check > Positive Pay Register > Create register

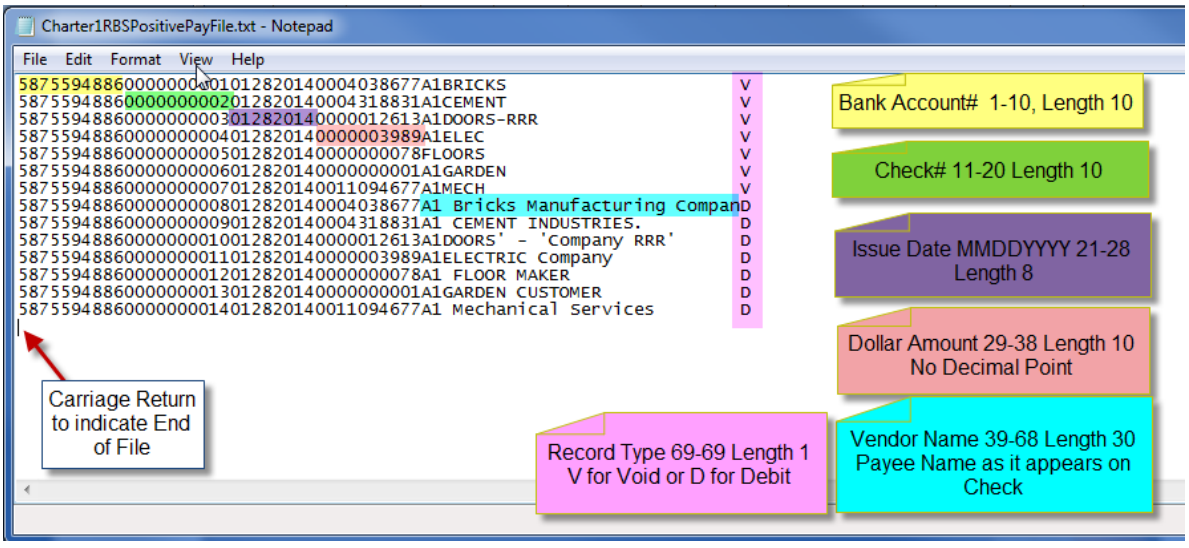
The 'Create Register' program (appospay.fmx) is modified to produce the positive pay file for Charter 1 RBS Bank. Users have to specify the parameters as required and press[Process] button to produce the positive pay file.

The following is the specifications provided for this purpose.

1. Positions 01-10, Length 10, Account Number, right justified, left zero filled
2. Positions 11-20, Length 10, Serial (Check) Number, right justified, left zero filled
3. Positions 21-28, Length 8, Issue Date, MMDDYYYY
4. Positions 29-38, Length 10, Dollar Amount, right justified, left zero filled, omit decimal
5. Positions 39-68, Length 30, Payee Name, left justified with exact contents of the payee line as it appears on the issued check
6. Position 69-69, Length 1, Record Type, V if Void else D (with carriage return after this character to indicate end of file)

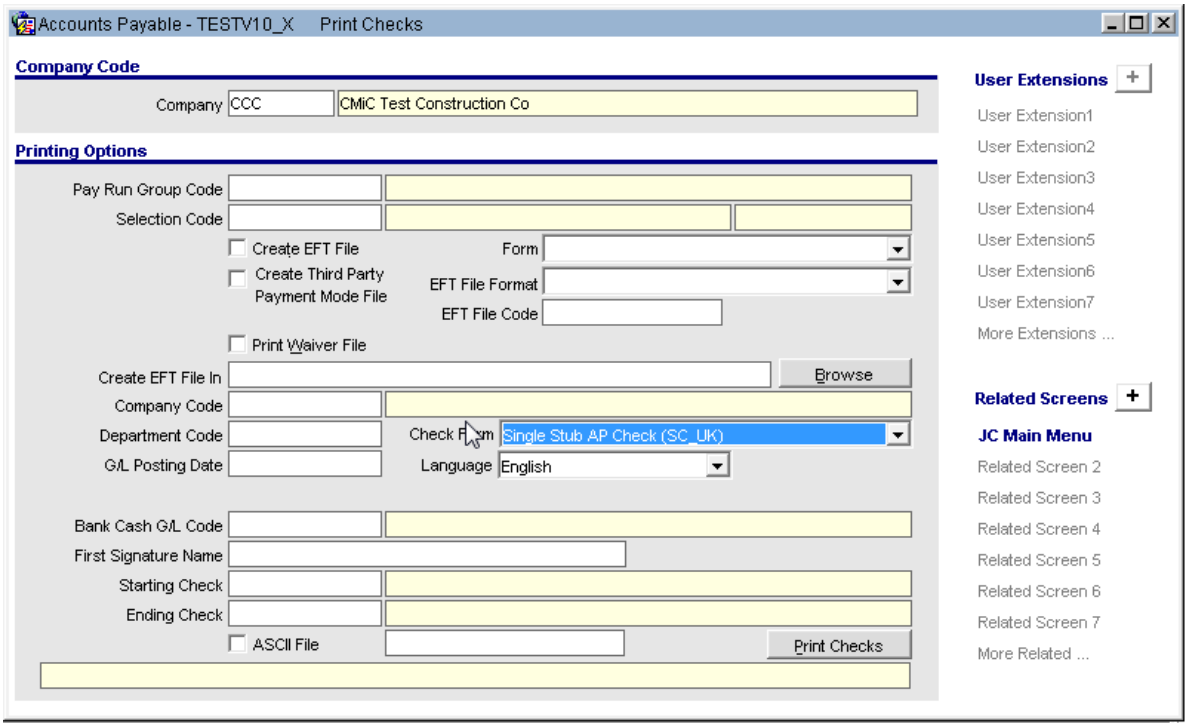


A confirmation message is displayed to the users as shown above.



The above screen shows the output text file with field positions as per the specifications provided.

Check Printing - Single Stub AP Check SC_UK (12.73693)



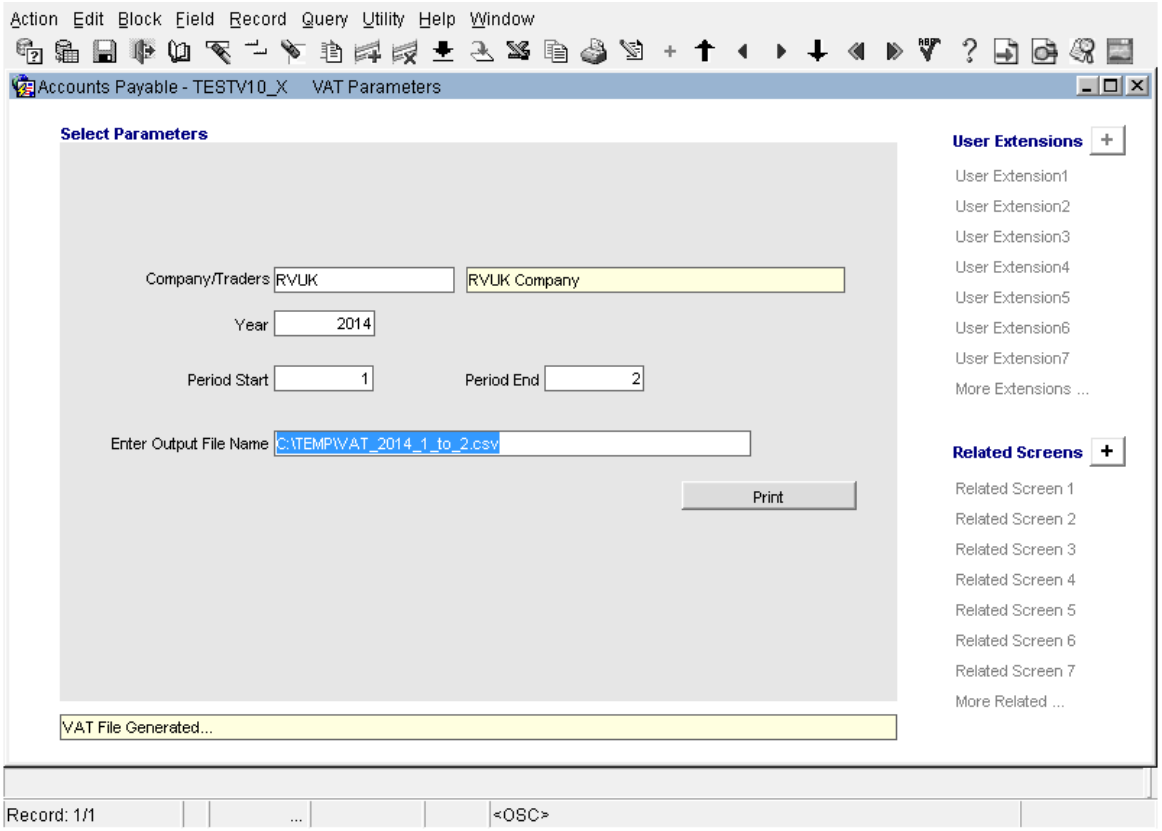
apchqprt.fmx

The Check Printing program is modified that, an entry 'Single Stub AP Check (SC_UK) is available in the check form drop down list. Selecting this option would print the SC320_UK.rep. This is related to Self billing functionality for UK clients.

UK Tax VAT File for Online filing of Returns - Changes (13.82490)

The parameter form for generating UK Tax VAT file is modified with 'Period End' date field.

The initial release of this program was released under the same issue in patch V10-X-11-2.



AP_VAT_INFO.fmx

Enter the parameters as required.

Company/Traders :	Enter a valid Company Code or select a value from the available list.
Year:	Enter a valid year as 'YYYY'
Period Start:	Enter a valid period as 'MM'
Period End:	Enter a valid period as 'MM'
Enter the Output File Name:	The program pre-populates an output file to a default location as C:\TEMP\VAT_2013_1_to_3.csv. This may be overridden by the users as desired.

NOTE:

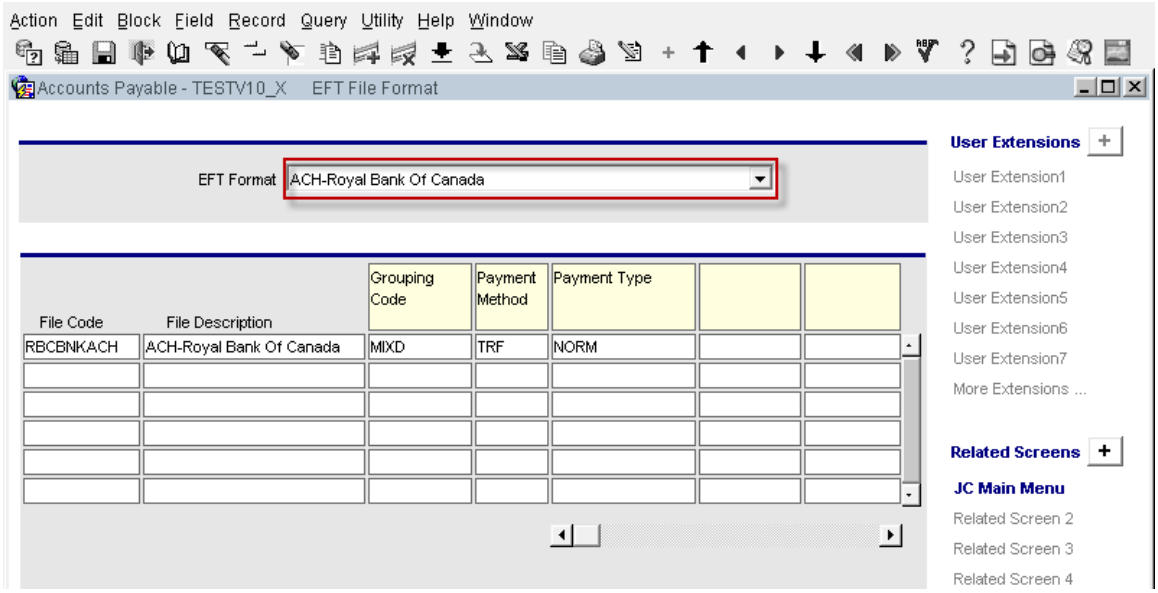
The Period Start and Period End may be entered as same or a range. Accordingly, the data printed will be either for one period or the sum of transactions in the range of period entered. However, the Year and period in the output file as may be noted in the above example will represent the period end upto which the VAT amounts are included.

EFT File Format (XML) for Royal Bank of Canada (13.79769)

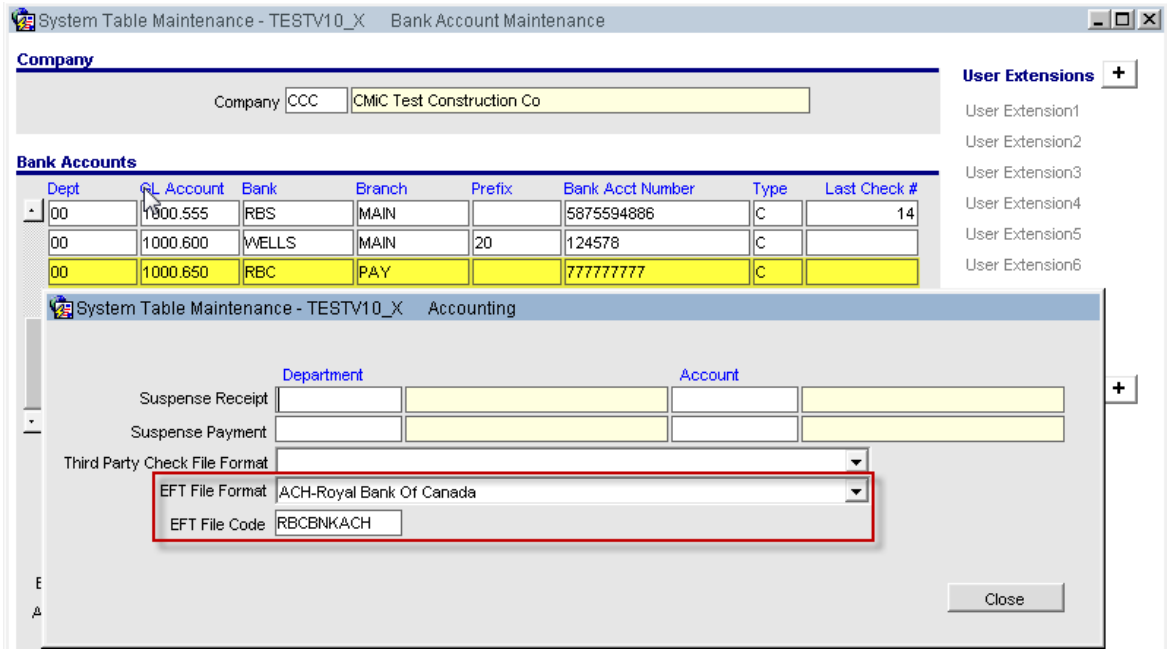
To create EFT (XML) file format for Royal Bank of Canada.

Modifications:

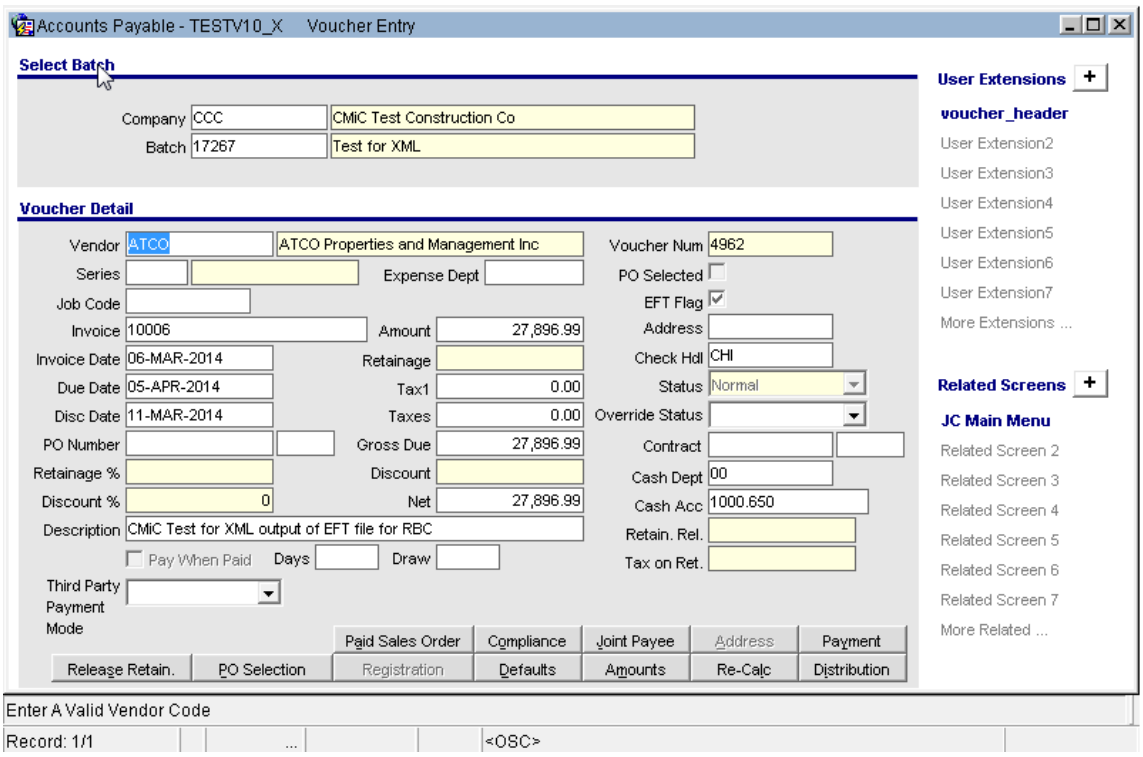
The Check Printing program (apchqprt.fmx) in Accounts payable is modified to print the EFT(XML) file format for RBC - Royal Bank of Canada.



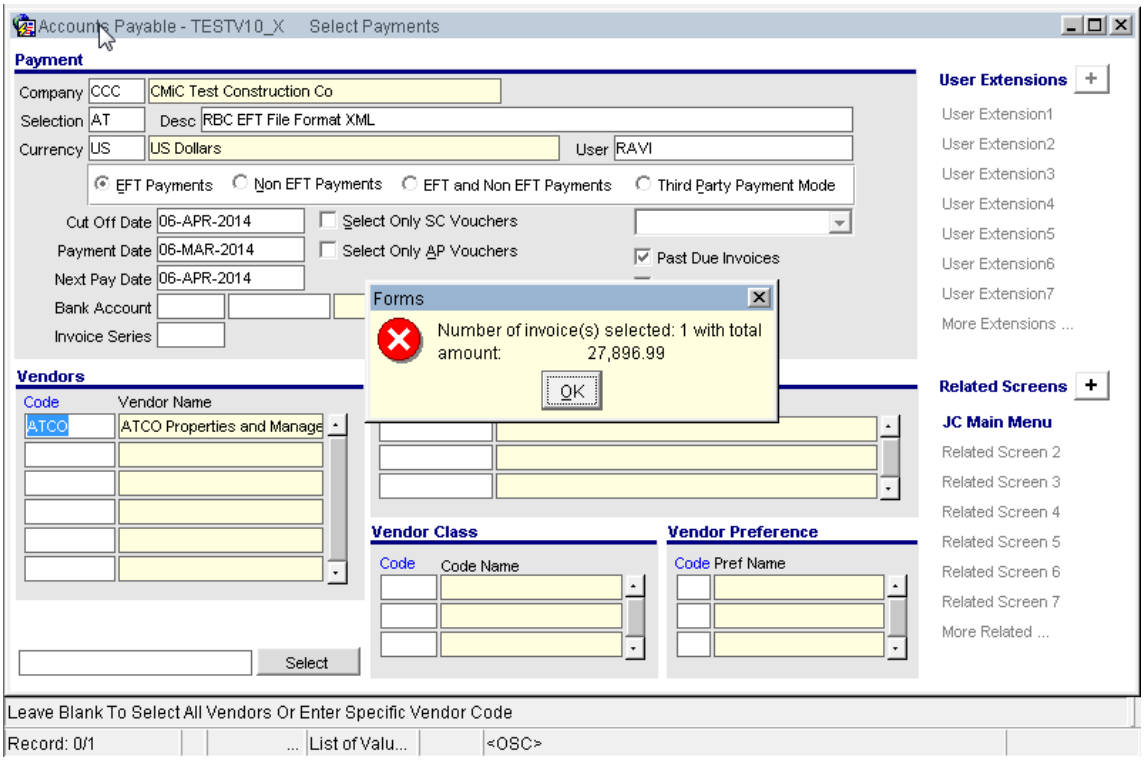
The EFT File format maintenance form has an entry ACH-Royal Bank of Canada and the EFT File code RBCBNKACH. The entries found above are populated by CMiC as required by the specifications by the Bank

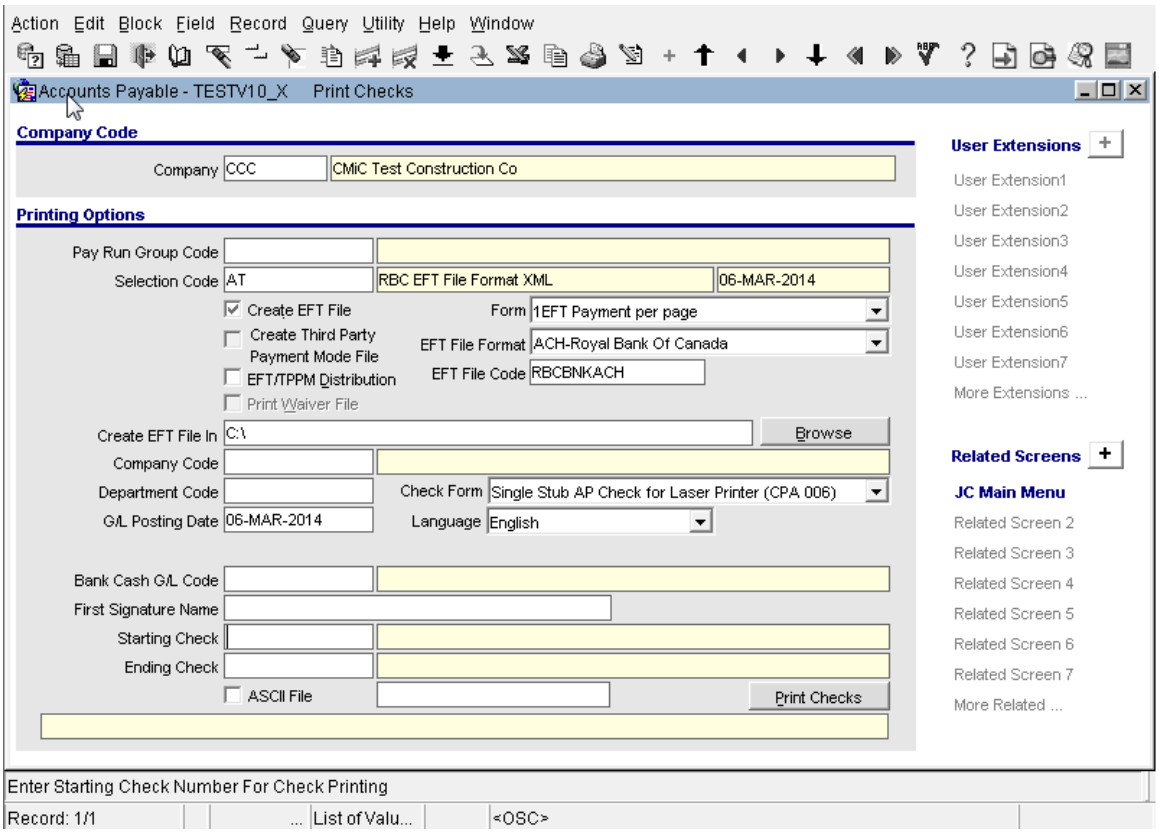


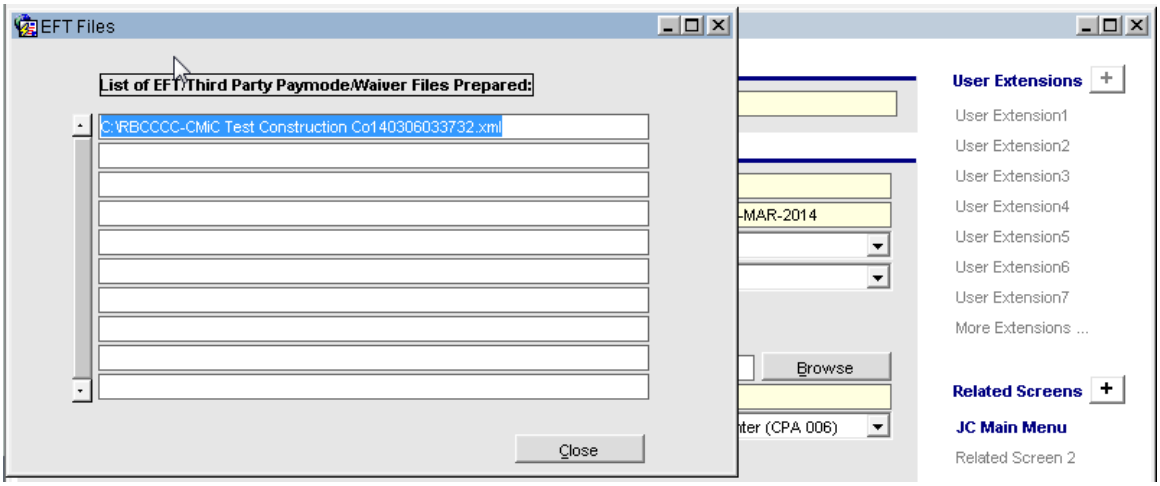
Users may also associate the EFT File Format / Code with the bank account defined for Royal Bank of Canada



The Voucher Entry must have the cash Account associated with the Bank Account defined for Royal Bank of Canada.







The EFT File generated has the name format with prefix of RBC, The Company Code CCC and the Company Name, Date & Time with an extension .xml

The following is the XML file generated as per the specifications provided by Royal Bank of Canada and is an example for only one payment to a vendor. There may be more than one occurance of payments to different vendors within the <PmtInf> tag.

```
- <Document xmlns="urn:iso:std:iso:20022:tech:xsd:pain.001.001.02"
    xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
- <pain.001.001.02>
- <GrpHdr>
  <MsgId>603141130547</MsgId>
  <CreDtTm>2014-03-06T15:37:32Z</CreDtTm>
```

```
<NbOfTxs>1</NbOfTxs>
<CtrlSum>27896.99</CtrlSum>
<Grpg>MIXD</Grpg>
- <InitgPty>
- <Id>
- <OrgId>
<BkPtyId>CCC-CMiC Test C</BkPtyId>
</OrgId>
</Id>
</InitgPty>
</GrpHdr>
- <PmtInf>
<PmtMtd>TRF</PmtMtd>
- <PmtTpInf>
- <SvcLvl>
<Prtry>NORM</Prtry>
</SvcLvl>
</PmtTpInf>
<ReqdExctnDt>2014-03-06</ReqdExctnDt>
- <Dbtr>
<Nm>CMiC Test Construction</Nm>
- <PstlAdr>
<AdrLine>4850 Keele Street Ground Floor</AdrLine>
<PstCd>32410</PstCd>
<TwnNm>Orlando</TwnNm>
<CtrySubDvsn>FL</CtrySubDvsn>
<Ctry>US</Ctry>
</PstlAdr>
- <Id>
- <OrgId>
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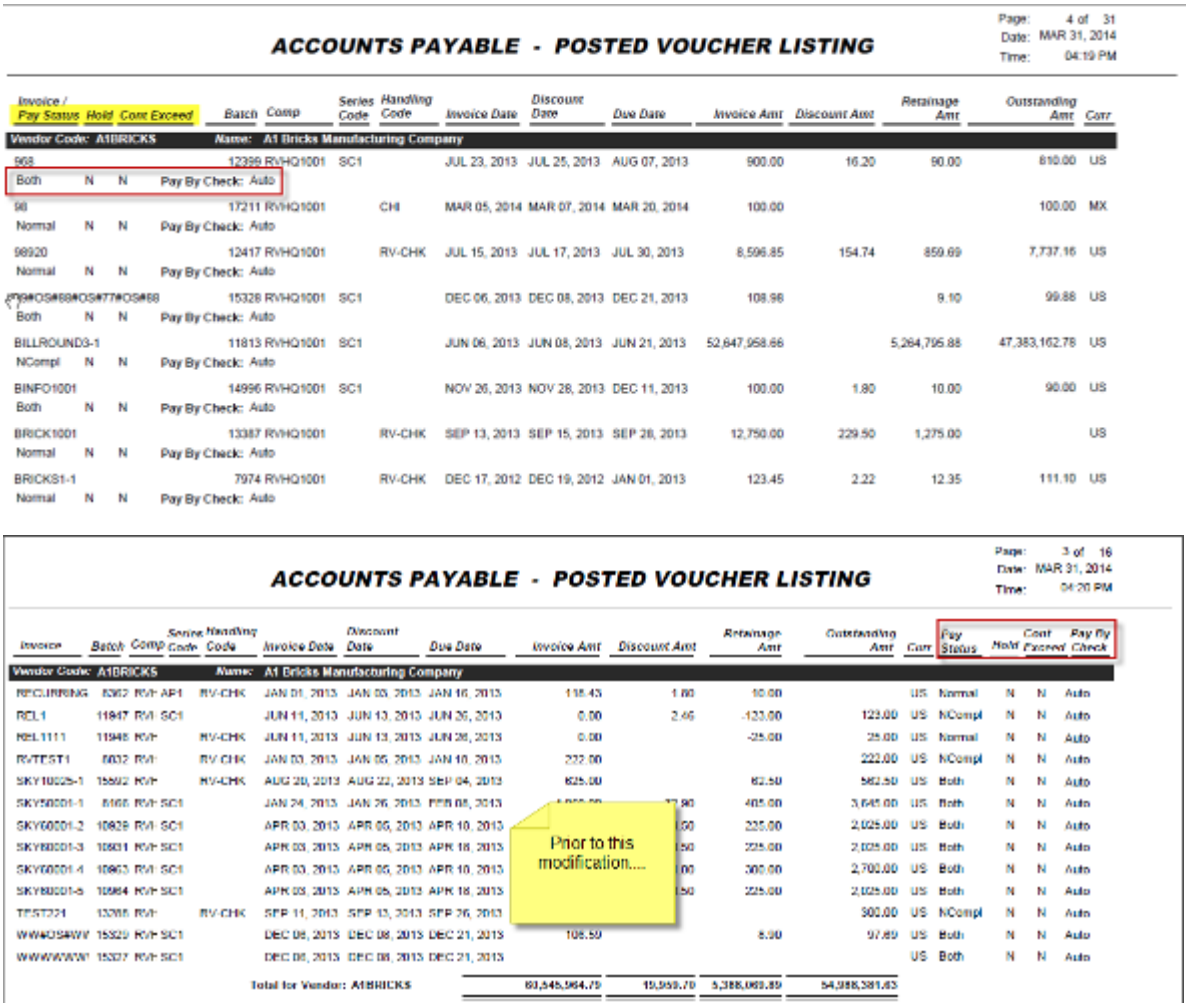
- <PrtryId>
<Id />
</PrtryId>
</OrgId>
</Id>
</Dbtr>
- <DbtrAcct>
- <Id>
- <PrtryAcct>
<Id>777777777</Id>
</PrtryAcct>
</Id>
</DbtrAcct>
- <DbtrAgt>
- <FinInstnId>
- <CmbndId>
- <ClrSysMmbId>
<Id>CACPA000055555</Id>
```

```
    </ClrSysMmbId>
    </CmbndId>
    </FinInstnId>
    </DbtrAgt>
- <CdtTrfTxInf>
- <PmtId>
  <EndToEndId>90000002022</EndToEndId>
    </PmtId>
- <Amt>
  <InstdAmt Ccy="US">27896.99</InstdAmt>
    </Amt>
- <CdtrAgt>
- <FinInstnId>
- <CmbndId>
- <ClrSysMmbId>
  <Id>CACPA000001032</Id>
    </ClrSysMmbId>
  <Nm>Royal Bank Of Canada</Nm>
- <PstlAdr>
  <PstCd>M1S 1S2</PstCd>
  <TwnNm>Toronto</TwnNm>
  <CtrySubDvsn />
  <Ctry>Ca</Ctry>
    </PstlAdr>
    </CmbndId>
    </FinInstnId>
    </CdtrAgt>
- <Cdtr>
  <Nm>ATCO Properties and Management Inc</Nm>
- <PstlAdr>
  <AdrLine>222 Druids Lane</AdrLine>
  <PstCd>456879</PstCd>
  <TwnNm>Chicago</TwnNm>
  <CtrySubDvsn>IL</CtrySubDvsn>
  <Ctry>US</Ctry>
    </PstlAdr>
    </Cdtr>
- <CdtrAcct>
- <Id>
- <PrtryAcct>
  <Id>7585957585</Id>
    </PrtryAcct>
    </Id>
    </CdtrAcct>
    </CdtTrfTxInf>
    </PmtInf>
    </pain.001.001.02>
    </Document>
```

Posted Vouchers List Report (14.88365)

The Posted Vouchers List Report (AP300.rep) is modified to accommodate long column values such as Invoice Codes, company codes etc. The four columns to the right of the report (Status Information) are wrapped around to the second line.



ACCOUNTS PAYABLE - POSTED VOUCHER LISTING

Page: 4 of 31
Date: MAR 31, 2014
Time: 04:19 PM

Invoice / Pay Status	Hold	Cont Exceed	Batch	Comp	Series Code	Handling Code	Invoice Date	Discount Date	Due Date	Invoice Amt	Discount Amt	Retainage Amt	Outstanding Amt	Corr
Vendor Code: A1BRICKS			Name: A1 Bricks Manufacturing Company											
968			12399	RVHQ1001	SC1		JUL 23, 2013	JUL 25, 2013	AUG 07, 2013	900.00	16.20	90.00	810.00	US
Both	N	N	Pay By Check: Auto											
98			17211	RVHQ1001		CHI	MAR 05, 2014	MAR 07, 2014	MAR 20, 2014	100.00			100.00	MX
Normal	N	N	Pay By Check: Auto											
98920			12417	RVHQ1001		RV-CHK	JUL 15, 2013	JUL 17, 2013	JUL 30, 2013	8,596.85	154.74	859.69	7,737.16	US
Normal	N	N	Pay By Check: Auto											
&%&#OS#88#OS#77#OS#88			15328	RVHQ1001	SC1		DEC 06, 2013	DEC 08, 2013	DEC 21, 2013	108.98		9.10	99.88	US
Both	N	N	Pay By Check: Auto											
BILLROUND3-1			11813	RVHQ1001	SC1		JUN 06, 2013	JUN 08, 2013	JUN 21, 2013	52,647,958.66		5,264,795.88	47,383,162.78	US
NCompl	N	N	Pay By Check: Auto											
BINFO1001			14996	RVHQ1001	SC1		NOV 26, 2013	NOV 28, 2013	DEC 11, 2013	100.00	1.80	10.00	90.00	US
Both	N	N	Pay By Check: Auto											
BRICK1001			13387	RVHQ1001		RV-CHK	SEP 13, 2013	SEP 15, 2013	SEP 28, 2013	12,750.00	229.50	1,275.00		US
Normal	N	N	Pay By Check: Auto											
BRICKS1-1			7974	RVHQ1001		RV-CHK	DEC 17, 2012	DEC 19, 2012	JAN 01, 2013	123.45	2.22	12.35	111.10	US
Normal	N	N	Pay By Check: Auto											

ACCOUNTS PAYABLE - POSTED VOUCHER LISTING

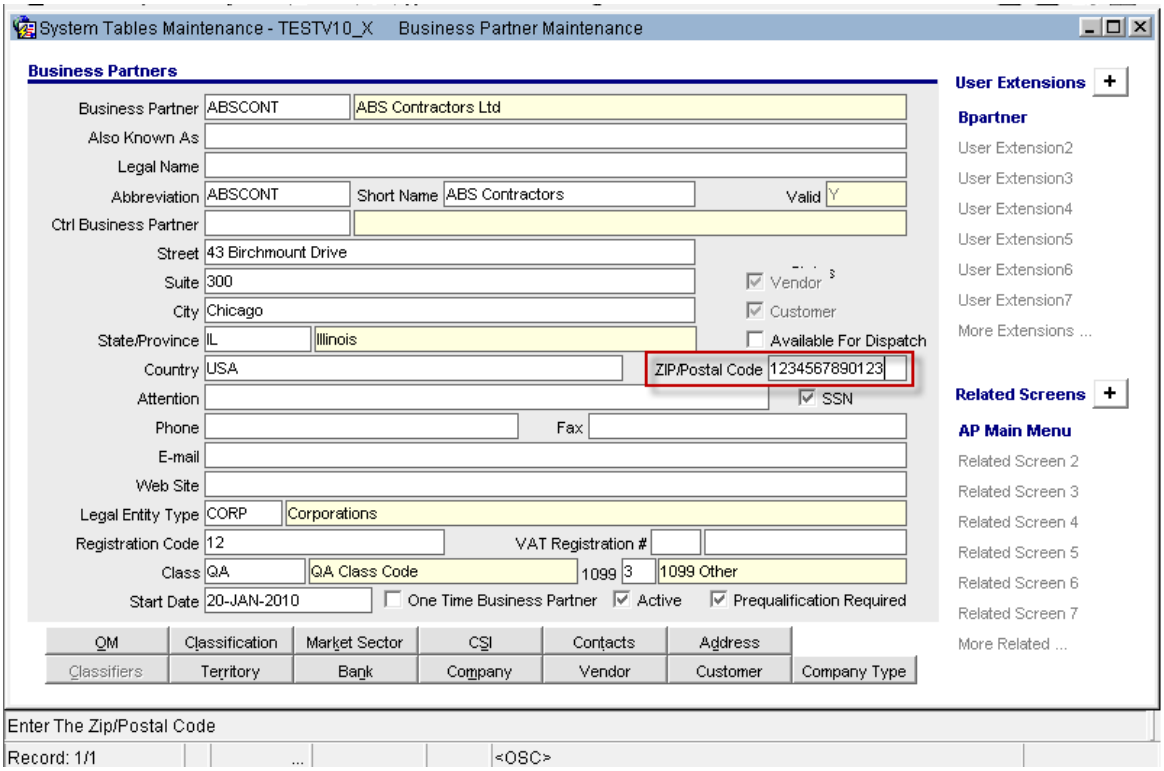
Page: 3 of 16
Date: MAR 31, 2014
Time: 04:20 PM

Invoice	Batch	Comp	Series Code	Handling Code	Invoice Date	Discount Date	Due Date	Invoice Amt	Discount Amt	Retainage Amt	Outstanding Amt	Curr	Pay Status	Hold	Cont Exceed	Pay By Check
Vendor Code: A1BRICKS			Name: A1 Bricks Manufacturing Company													
RECURRING	8362	RVH	AP1	RV-CHK	JAN 01, 2013	JAN 03, 2013	JAN 16, 2013	115.43	1.80	10.00		US	Normal	N	N	Auto
REL1	11847	RVH	SC1		JUN 11, 2013	JUN 13, 2013	JUN 26, 2013	0.00	2.46	-123.00	123.00	US	NCompl	N	N	Auto
REL1111	11948	RVH		RV-CHK	JUN 11, 2013	JUN 13, 2013	JUN 26, 2013	0.00		-25.00	25.00	US	Normal	N	N	Auto
RVTEST1	8002	RVH		RV-CHK	JAN 03, 2013	JAN 05, 2013	JAN 18, 2013	222.00			222.00	US	NCompl	N	N	Auto
SKY10025-1	15502	RVH		RV-CHK	AUG 20, 2013	AUG 22, 2013	SEP 04, 2013	625.00		62.50	562.50	US	Both	N	N	Auto
SKY60001-1	8165	RVH	SC1		JAN 24, 2013	JAN 26, 2013	FEB 05, 2013	[illegible]	[illegible]	405.00	3,645.00	US	Both	N	N	Auto
SKY60001-2	10828	RVH	SC1		APR 03, 2013	APR 05, 2013	APR 18, 2013	[illegible]	[illegible]	225.00	2,025.00	US	Both	N	N	Auto
SKY60001-3	10831	RVH	SC1		APR 03, 2013	APR 05, 2013	APR 18, 2013	[illegible]	[illegible]	225.00	2,025.00	US	Both	N	N	Auto
SKY60001-4	10863	RVH	SC1		APR 03, 2013	APR 05, 2013	APR 18, 2013	[illegible]	[illegible]	300.00	2,700.00	US	Both	N	N	Auto
SKY60001-5	10864	RVH	SC1		APR 03, 2013	APR 05, 2013	APR 18, 2013	[illegible]	[illegible]	225.00	2,025.00	US	Both	N	N	Auto
TEST221	13265	RVH		RV-CHK	SEP 11, 2013	SEP 13, 2013	SEP 26, 2013				900.00	US	NCompl	N	N	Auto
WWWWWW	15329	RVH	SC1		DEC 06, 2013	DEC 08, 2013	DEC 21, 2013	108.50		9.90	97.60	US	Both	N	N	Auto
WWWWWW1	15327	RVH	SC1		DEC 06, 2013	DEC 08, 2013	DEC 21, 2013					US	Both	N	N	Auto
Total for Vendor: A1BRICKS								61,545,964.79	15,959.70	5,388,069.89	54,988,381.63					

Prior to this modification....

Users must be aware that the number of pages required to print the report is doubled due to this modification.

Business Partners Form - Postal Code Field Length (14.87419)



The business partners maintenance form is modified with the postal code field length increased from 12 to 13 characters. The database field length is already 13 characters and this modification is done to avoid truncation errors in the form when displaying the records.

This will be supported by modifying all other necessary programs such as function to copy the addresses, vendor, customer forms, contact maintenance form etc. Also the related project partners/contacts in PMJSP will be modified under the issue CMiCV10# 14.89255

Check Reconciliation Report - Printing Options (14.87150)

The Check reconciliation Report parameter form is modified for additional report type options in order to produce the reports by statement date, representing those checks reconciled in the future as un-reconciled.

The check box 'Reconciled Only' for the field 'Report Type' is modified with a drop down list having three options. The first two options preserve the existing functionality.

1. Non-Reconciled Only (Default Value)

Only Non-Reconciled Checks as of 'Statement Date' are included

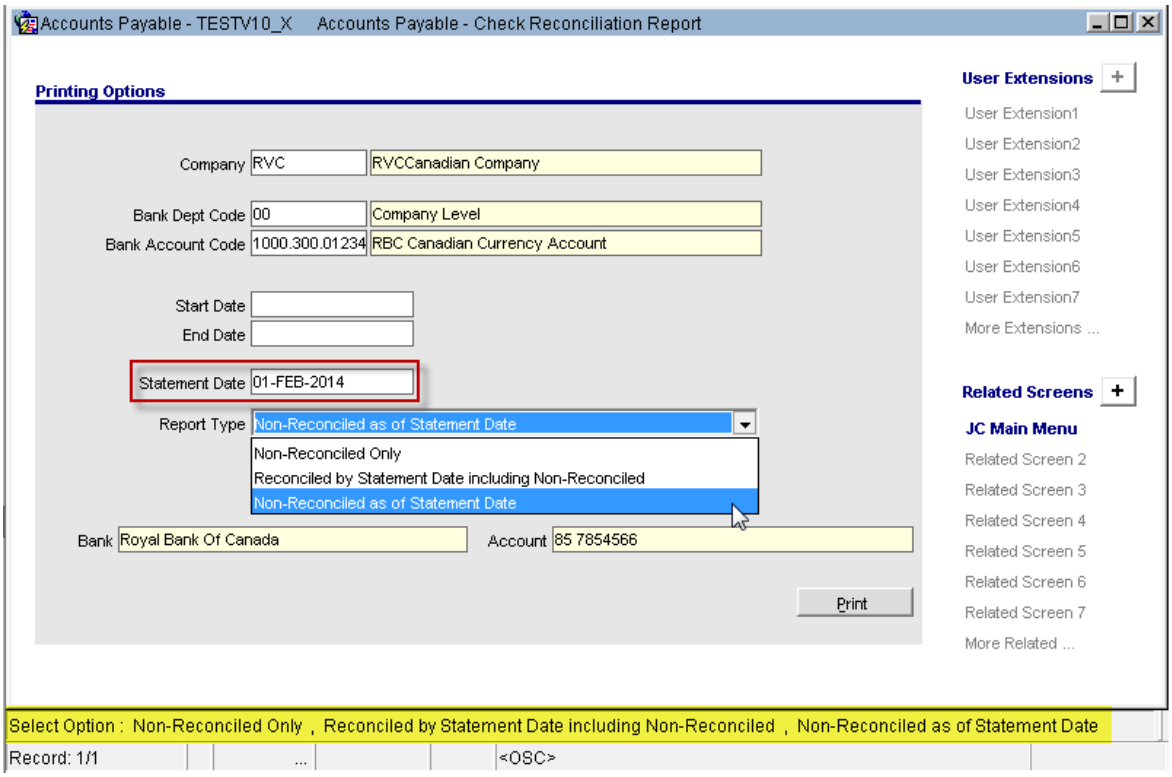
2. Reconciled by Statement Date including Non-Reconciled

Only Reconciled Checks and Non-Reconciled Checks as of 'Statement Date'

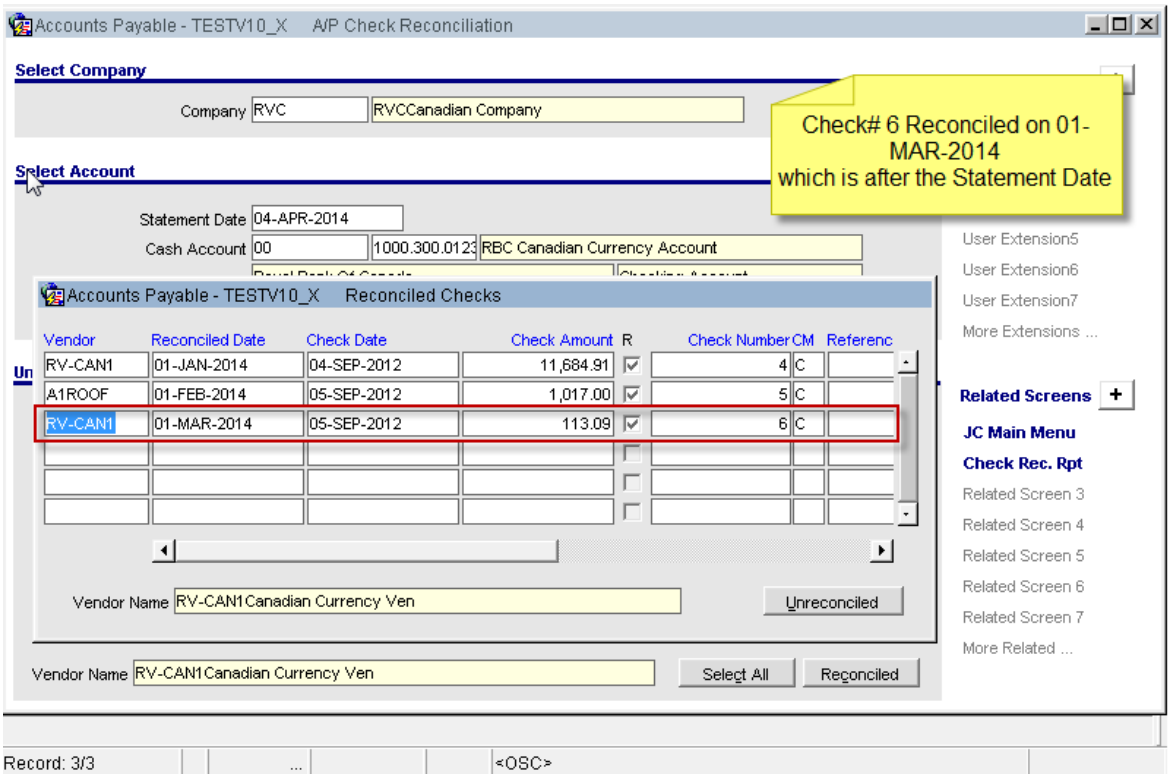
3. Non-Reconciled as of Statement Date

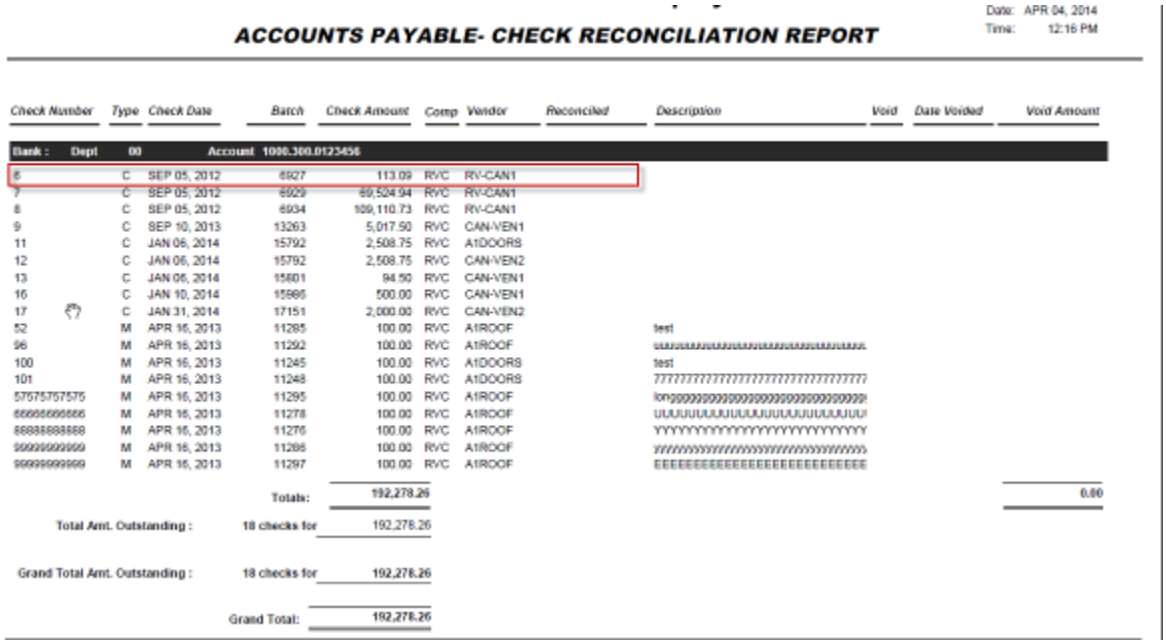
Non-Reconciled Checks as of 'Statement Date' including those checks reconciled in the future and reporting them as Non-Reconciled.

The following screens shows that a check reconciled in a future date will be included in a report of non-reconciled checks as of the 'Statement Date'


Accounts Payable - TESTV10_X Accounts Payable - Check Reconciliation Report
Printing Options
Company RVC RVCCanadian Company
Bank Dept Code 00 Company Level
Bank Account Code 1000.300.01234 RBC Canadian Currency Account
Start Date
End Date
Statement Date 01-FEB-2014
Report Type Non-Reconciled as of Statement Date
Non-Reconciled Only
Reconciled by Statement Date including Non-Reconciled
Non-Reconciled as of Statement Date
Bank Royal Bank Of Canada
Account 85 7854566
Print
User Extensions
User Extension1
User Extension2
User Extension3
User Extension4
User Extension5
User Extension6
User Extension7
More Extensions ...
Related Screens
JC Main Menu
Related Screen 2
Related Screen 3
Related Screen 4
Related Screen 5
Related Screen 6
Related Screen 7
More Related ...
Select Option : Non-Reconciled Only , Reconciled by Statement Date including Non-Reconciled , Non-Reconciled as of Statement Date
Record: 1/1
<OSC>

AP4000.FMX

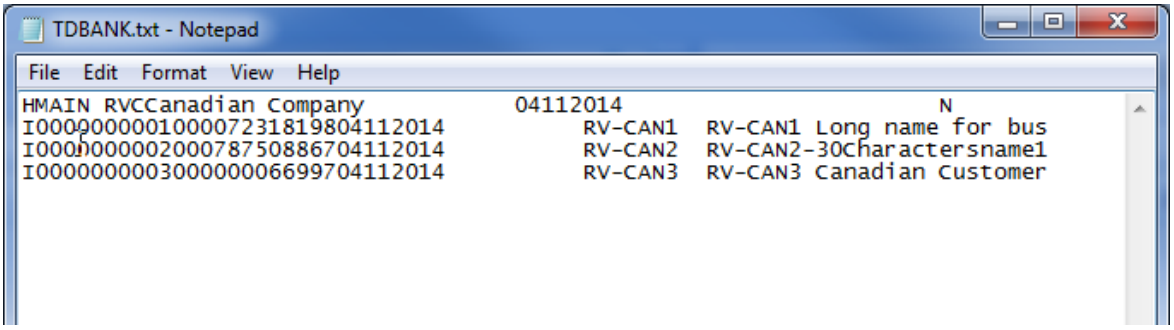

Accounts Payable - TESTV10_X A/P Check Reconciliation
Select Company
Company RVC RVCCanadian Company
Check# 6 Reconciled on 01-MAR-2014 which is after the Statement Date
Select Account
Statement Date 04-APR-2014
Cash Account 00 1000.300.0123 RBC Canadian Currency Account
Accounts Payable - TESTV10_X Reconciled Checks
Vendor Reconciled Date Check Date Check Amount R Check Number CM Referenc
RV-CAN1 01-JAN-2014 04-SEP-2012 11,684.91 4 C
A1ROOF 01-FEB-2014 05-SEP-2012 1,017.00 5 C
RV-CAN1 01-MAR-2014 05-SEP-2012 113.09 6 C
Vendor Name RV-CAN1 Canadian Currency Ven
Unreconciled
Vendor Name RV-CAN1 Canadian Currency Ven
Select All
Reconciled
User Extension5
User Extension6
User Extension7
More Extensions ...
Related Screens
JC Main Menu
Check Rec. Rpt
Related Screen 3
Related Screen 4
Related Screen 5
Related Screen 6
Related Screen 7
More Related ...
Record: 3/3
<OSC>



ACCOUNTS PAYABLE- CHECK RECONCILIATION REPORT

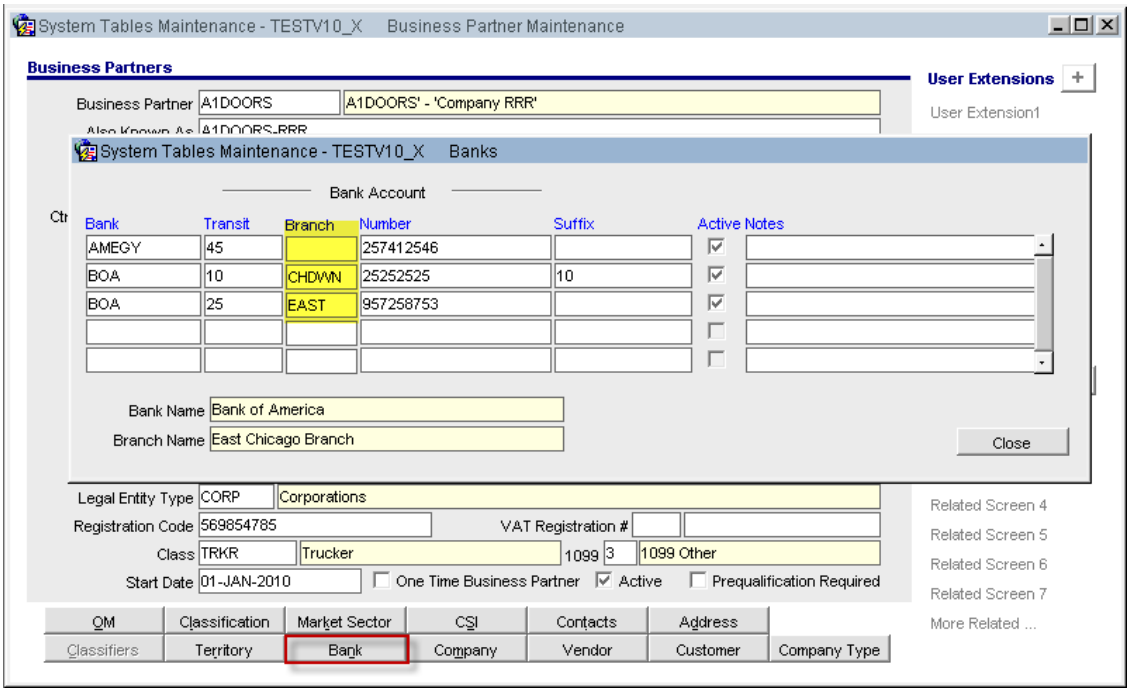
Date: APR 04, 2014
Time: 12:16 PM

Check Number	Type	Check Date	Batch	Check Amount	Comp	Vendor	Reconciled	Description	Void	Date Voided	Void Amount
Bank : Dept 00 Account 1000.300.0123456											
6	C	SEP 05, 2012	6927	113.09	RVC	RV-CAN1					
7	C	SEP 05, 2012	6929	69,524.94	RVC	RV-CAN1					
8	C	SEP 05, 2012	6934	109,110.73	RVC	RV-CAN1					
9	C	SEP 10, 2013	13263	5,017.50	RVC	CAN-VEN1					
11	C	JAN 06, 2014	15792	2,508.75	RVC	A1DOORS					
12	C	JAN 06, 2014	15792	2,508.75	RVC	CAN-VEN2					
13	C	JAN 06, 2014	15801	94.50	RVC	CAN-VEN1					
16	C	JAN 10, 2014	15886	500.00	RVC	CAN-VEN1					
17	C	JAN 31, 2014	17151	2,000.00	RVC	CAN-VEN2					
52	M	APR 16, 2013	11285	100.00	RVC	A1ROOF		test			
96	M	APR 16, 2013	11292	100.00	RVC	A1ROOF		uuuu

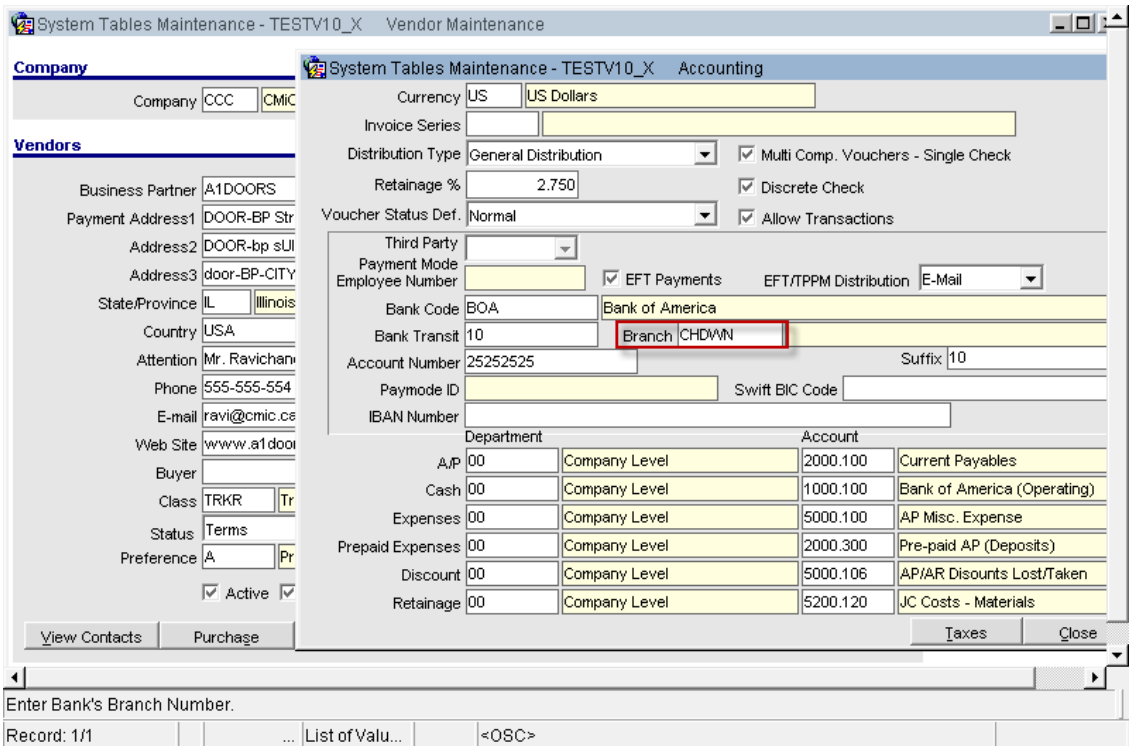


EFD File Format Output for Bank of America (14.89385)

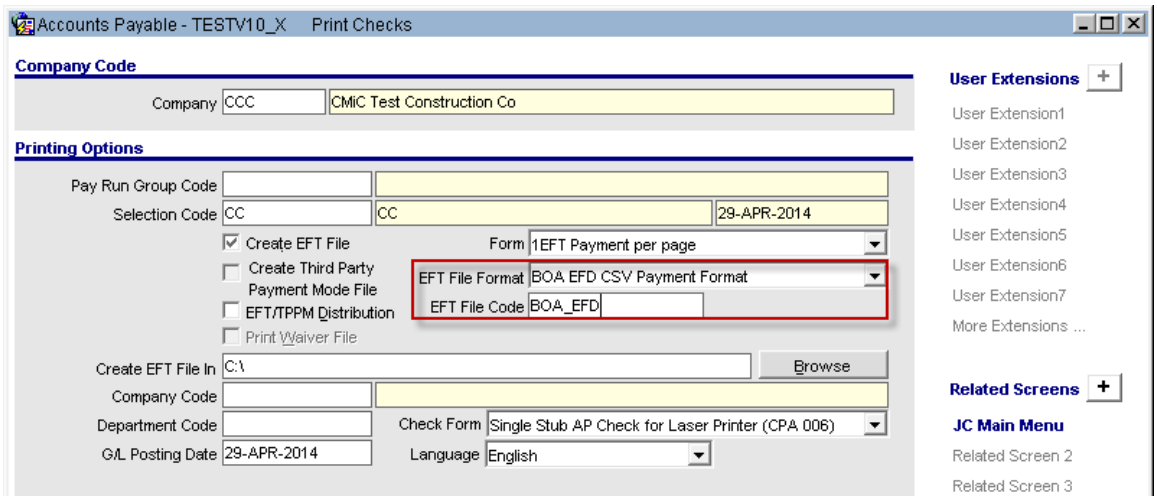
To create an EFD File format for Bank of America. In order to get the 'Receiving Bank' address in the file format, the Business Partners & Vendor forms are modified to allow for entry of bank branch code as shown below.



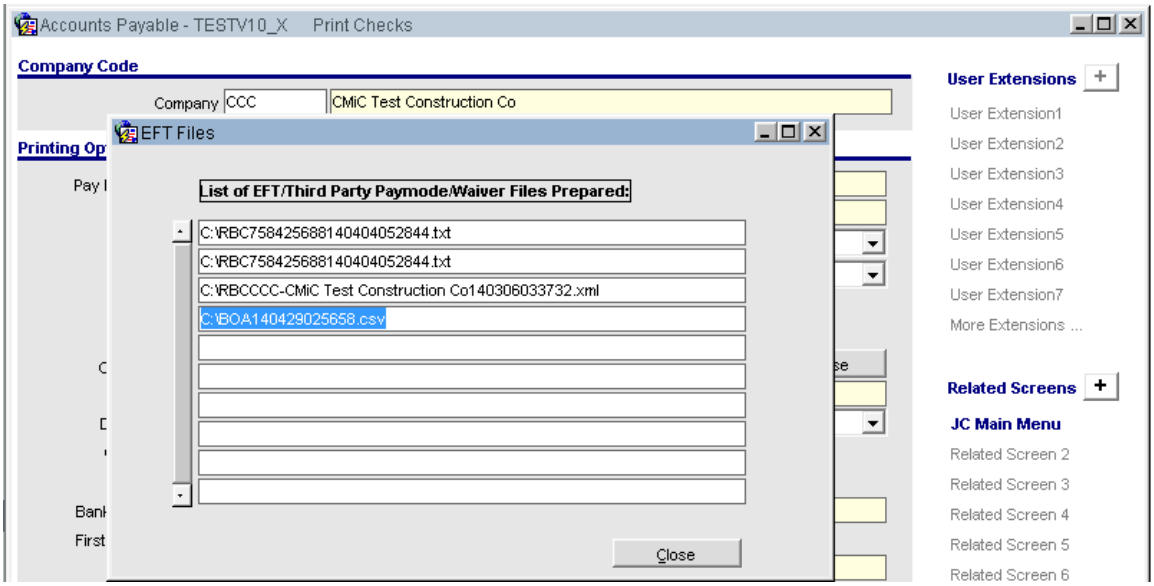
The Business Partner maintenance form is modified by adding 'Branch' column to the 'Banks' popup.



The Vendor Maintenance form is modified with an addition of 'Branch' column to the 'Accounting' popup.



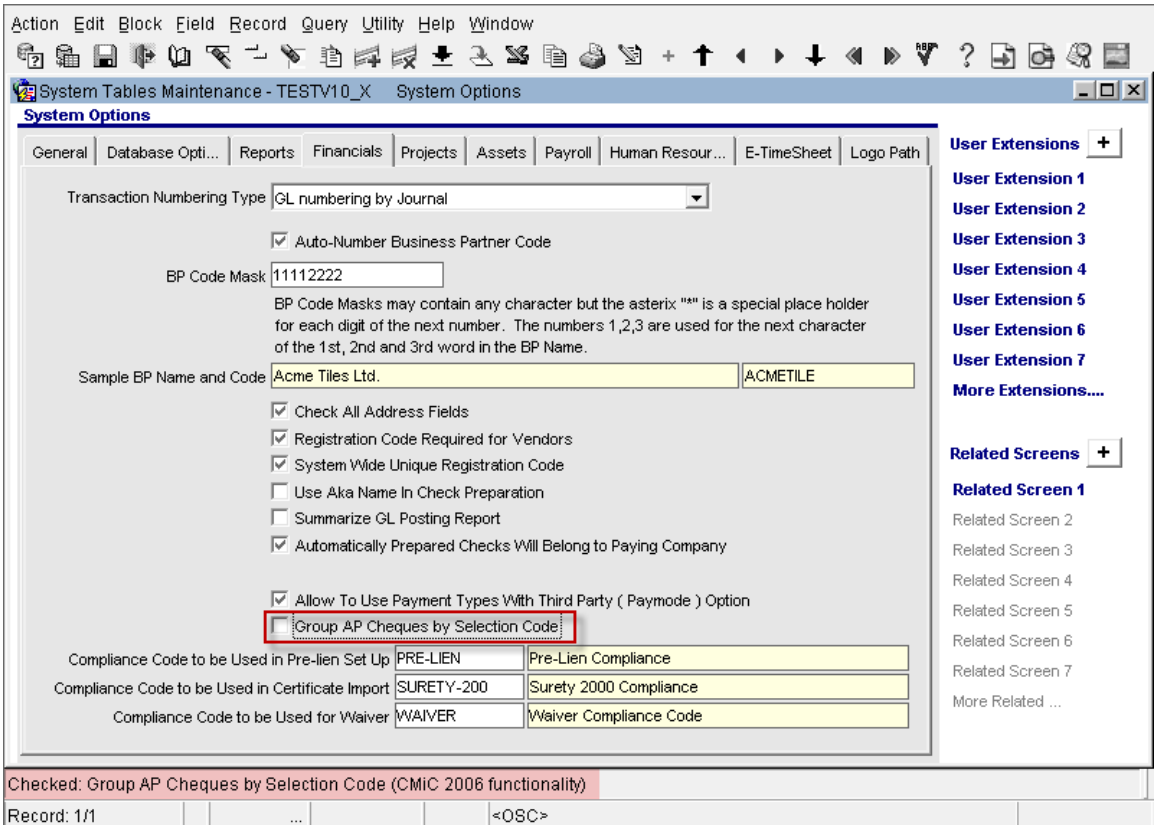
The Check printing form now has an option for EFT File format 'BOA EFD CSV Payment Format' and corresponding EFT File code 'BOA_EFD'





The above file shows the EFD File generated by CMiC as per the design document provided.

Group Checks by Payment Selection Code (14.90511) - (Beta Release)



System Infrastructure > System Options (Sysopt.fmx)

A check box 'Group AP Checks by Selection Code' is added to the 'Financials' tab. The default value is set as 'N' (un-checked). The current functionality is preserved and the check printing will continue to function by following the existing grouping rules set by various flags.

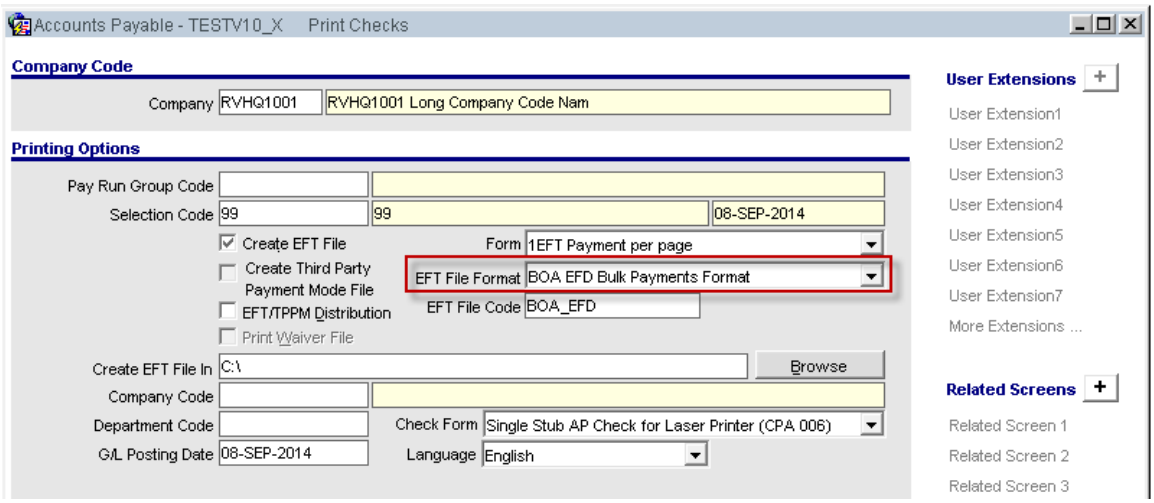
When checked, the AP checks will be printed with grouping by 'payment selection' codes and then applying the other grouping logic as set by the controls. This will be a re-instatement of the functionality from CMiC2006 version of the software.

This is applicable to check printing with 'Payrun Group' where there may be several payment selections from different companies are assigned.

users must also note that, this is a system level option which sets the rule for all companies.

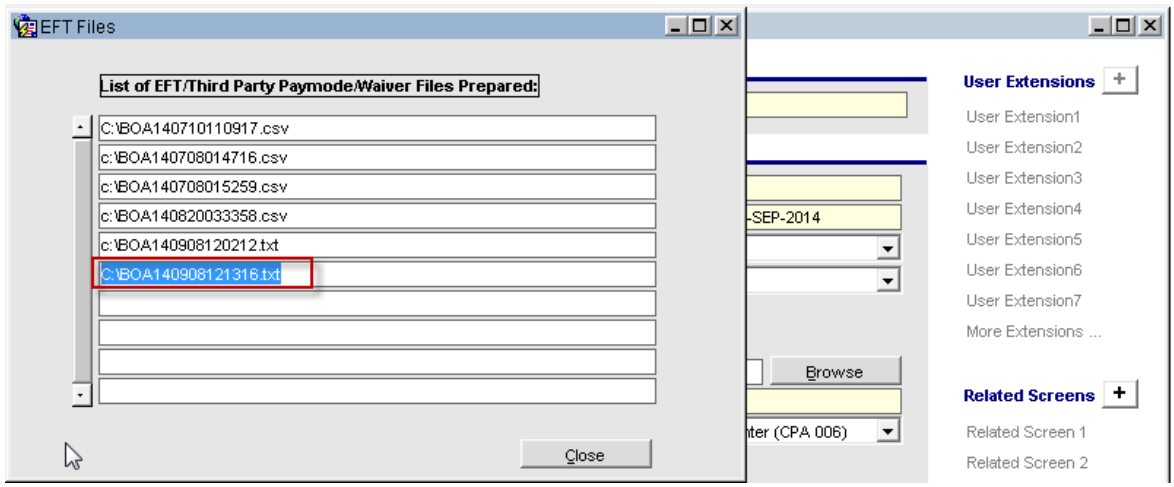
NOTE: This is beta release and the 'checked' status needs more programming to truly group the check printing by payment selections. This will be completed and included in the next patch releases.

BOA EFD File Format updates (14.89385)

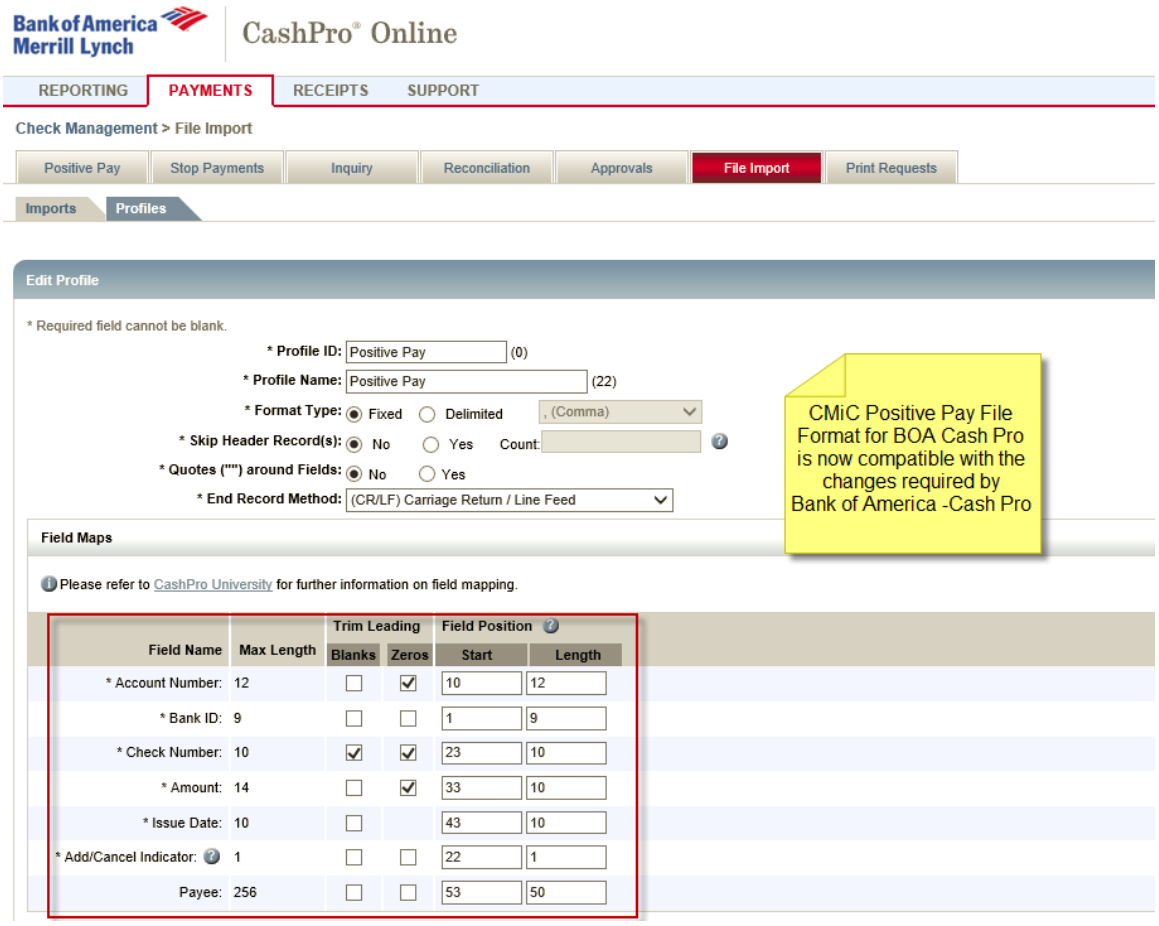


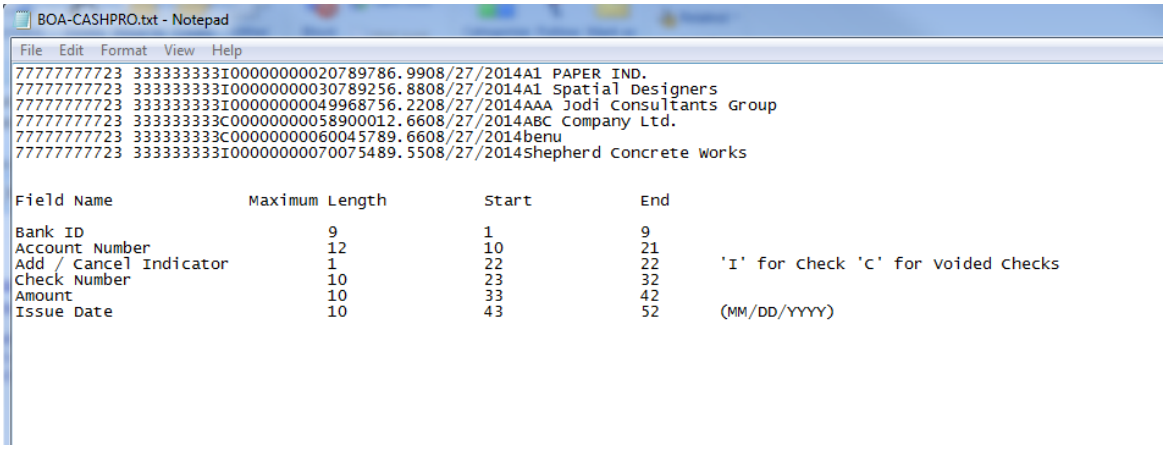
The EFT File Format Name is modified to read as 'BOA EFD Bulk Payments Format' as shown.

Also, the output file extension is changed from .CSV to .TXT to address issues related to opening the file in MS Excel application.



AP/PY Positive Pay File Format for BOA Cash Pro- Updated (14.93329)





Royal Bank of Canada - ACH format modifications (14.92347)

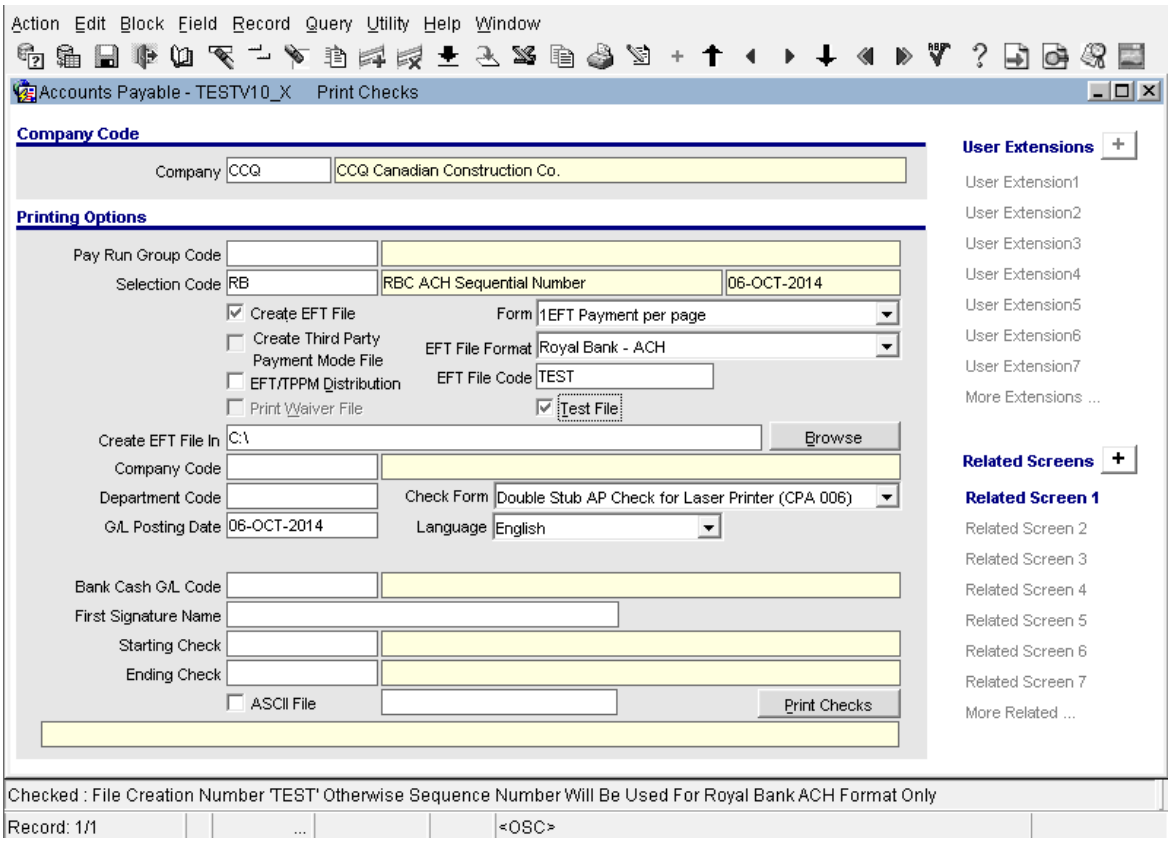
The Payroll Check/EFT Register and AP Check Printing programs are modified to change the naming convention for the files that will be created for Royal Bank - ACH in AP and STD152 -For Royal Bank in Payroll.

The existing ROYAL BANK - ACH format is modified with the 'File Transmission Routing Record' and the 'Header Record' as per the specifications by Royal Bank of Canada.

7. The File Transmission Routing Record (The very first record in the ASCII file shown, will have the Term, 'TEST' for test files and 'PROD' for production files.

8. The Production files submitted to the bank will have a sequential number generated for the file name and will be referenced in the Header Record (The second record in the ASCII file shown).

Accounts Payable:



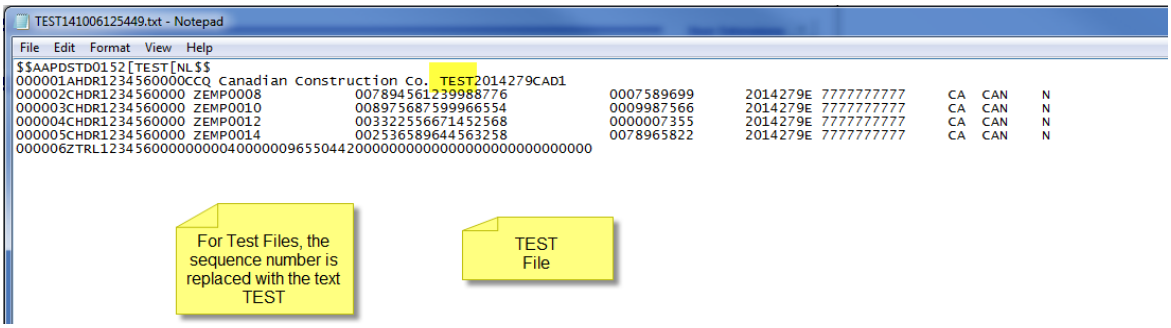
The check printing form in AP (apchqprt.fmx) is modified for the Royal Bank - ACH format specifications.

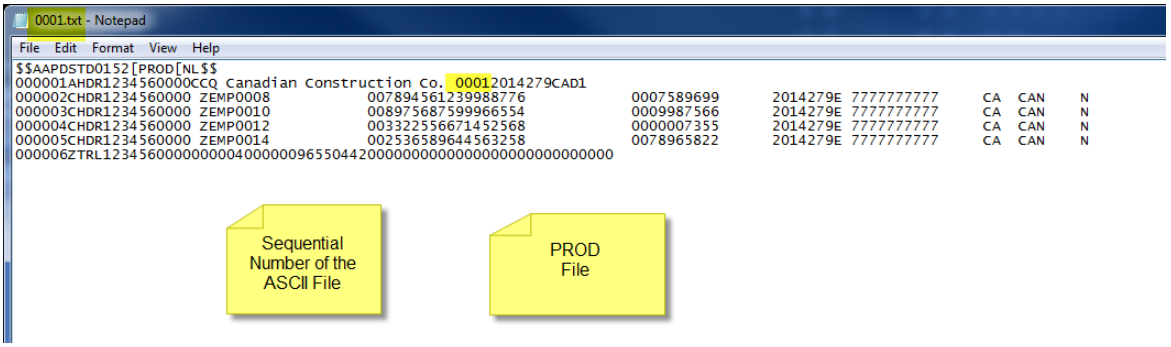
The 'Test' flag when selecting the Royal Bank - ACH may be checked or unchecked to produce the required type of file.

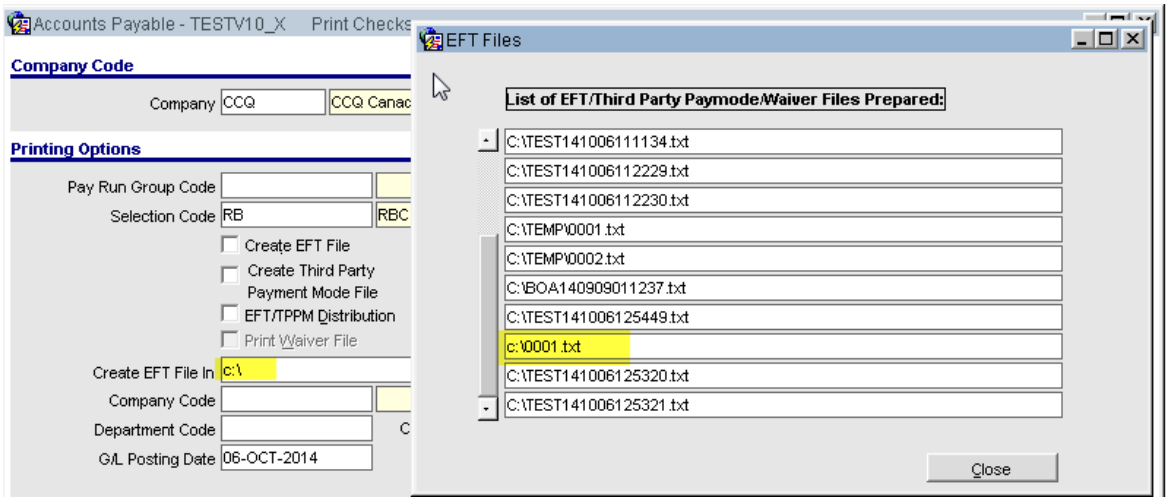
Checked: The EFT file generated will be a TEST and the Transmission Control Record will have the term TEST.

Un-Checked: The Transmission Control Record will have the term 'PROD'. The EFT file with the file name generated being a 4 digit sequential number starting '0000'. The sequential file number will be referenced in the Header record of the ASCII file as well.

The following is an example of the modifications:



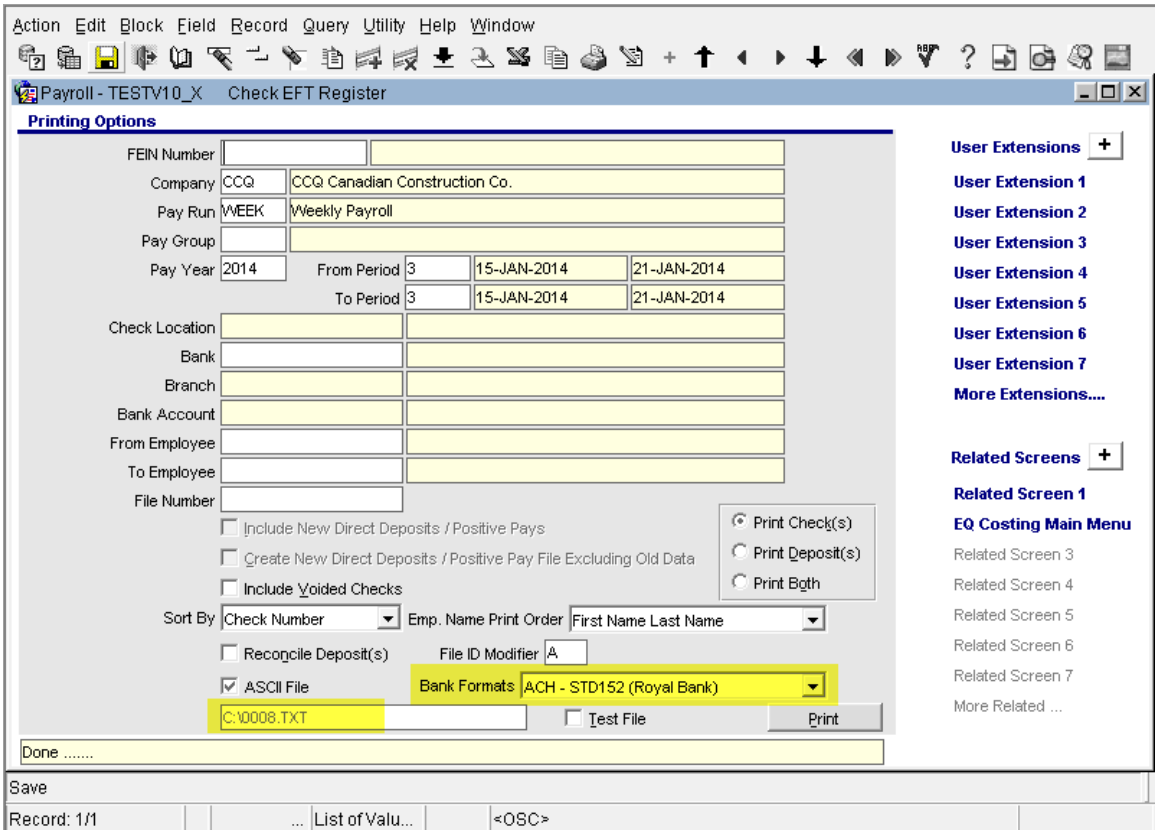




Payroll:

The EFT Check Register Form (py1081.fmx) for the EFT file ACH - STD152 (Royal Bank) format.

When the 'Test' flag is un-checked, the 'PROD' file, when generated will have a 4 digit sequential number as in the case of AP EFT file generation. Users must note that both AP & PY EFT generation programs share the same sequential number series.



Specifications:

The following tables show the Royal Bank specifications for the Header and Transmission Control records.

Header Record

This header record is used to delimit the beginning of each input file and must be the first record on each file.

Field #	Character Position	Field Size	Format	Field Name	Data Requirements
01	01-06	6	N	Record Count	**000001**
02	07-07	1	AN	Record Type	**A**
03	08-10	3	AN	Transaction Code	**HDR**
04	11-20	10	AN	Client Number	10 digit client number as follows: 6 digit client number assigned by RBC and 4 digit subsidiary number assigned by the client. (Where no subsidiary exists insert zeros as the last 4 digits of this field.)
05	21-50	30	AN	Client Name	Mandatory
06	51-54	4	AN	File Creation Number	4 digit number (numeric) to identify this file, must be different from previous 9 numbers submitted for processing. When submitting a test file, the FCN must be **TEST**
07	55-61	7	N	File Creation Date	Julian Date Format **YYYYDDD**
08	62-64	3	AN	Currency Type	Currency of service **CAD or USD**
09	65-65	1	AN	Input Type	**1**
10	66-80	15	AN	Filler	Blank
11	81-86	6	AN	Reserved	Blank
12	87-94	8	AN	Reserved	Blank
13	95-103	9	AN	Reserved	Blank
14	104-149	46	AN	Filler	Blank
15	150-151	2	AN	Filler	Blank
16	152-152	1	AN	Filler	Blank

Appendix 3 – File Transmission Routing Records

Files which are submitted using file transmission services such as Web File Transfer or FTP SSL, will require a routing record which will be the first record in the file. For Dedicated or Private Connectivity solutions such as Connect:Direct, or SWIFTNet File Act, please contact RBC's Client Connectivity Team directly for assistance.

The standard convention of this File Qualifier is as follows:

These header records will accommodate French Characters within the file.

- Test Input with full record length of 152 bytes
  $$AA01STD0152[TEST[NL$$
- Production Input of full record length of 152 bytes
  $$AA01STD0152[PROD[NL$$
- Test Input with full record length of 80 bytes
  $$AA01STD0152[TEST[80$$
- Production Input of full record length of 80 bytes
  $$AA01STD0152[PROD[80$$

Existing Clients may also use the following header records.
These header records will not accommodate French Characters within the file. French Characters may be changed to blanks or other letters.

- Test Input with full record length of 152 bytes
  $$AAPDSTD0152[TEST[NL$$
- Production Input of full record length of 152 bytes
  $$AAPDSTD0152[PROD[NL$$
- Test Input with record broken down into 80 byte segments
  $$AAPDSTD0152[TEST[80$$
- Production Input with record broken down into 80 byte segments
  $$AAPDSTD0152[PROD[80$$

BMO-Harris Bank Positive Pay & Reconciliation Files (14.94691)

Added Positive Pay & Check Reconciliation Formats for BMO-Harris Bank to CMiC Banking/Accounts Payable applications.

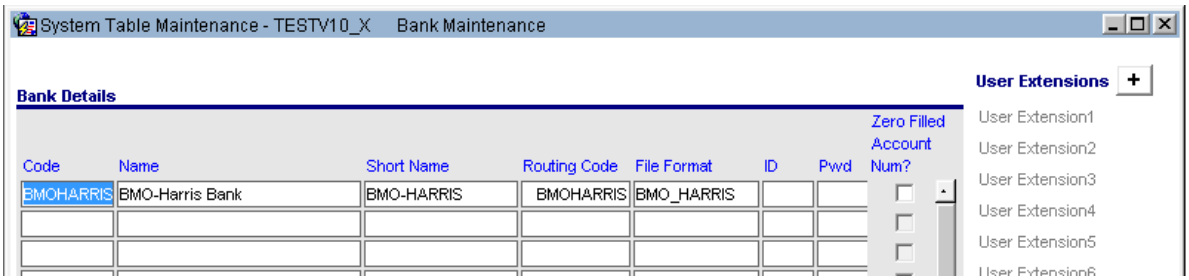
Modifications:

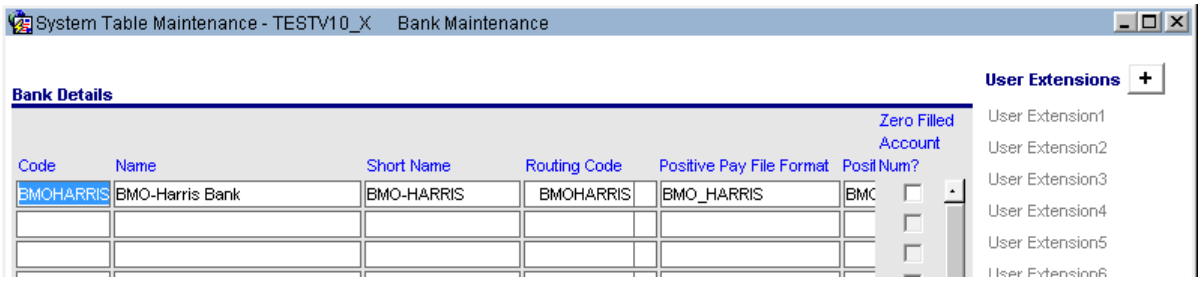
The following programs are modified to implementing this enhancement.

4. Global Tables > Banks > Bank Maintenance (babank.fmx)
5. AP > Check > Positive Pay Register > Create register (appospay.fmx)
6. AP > Check > Positive Pay Register > AP/PY Combined Positive Pay (apmpospay.fmx)
7. Global Tables > Banking >Bank Reconciliation > Bank Reconciliation (bachkrec.fmx)

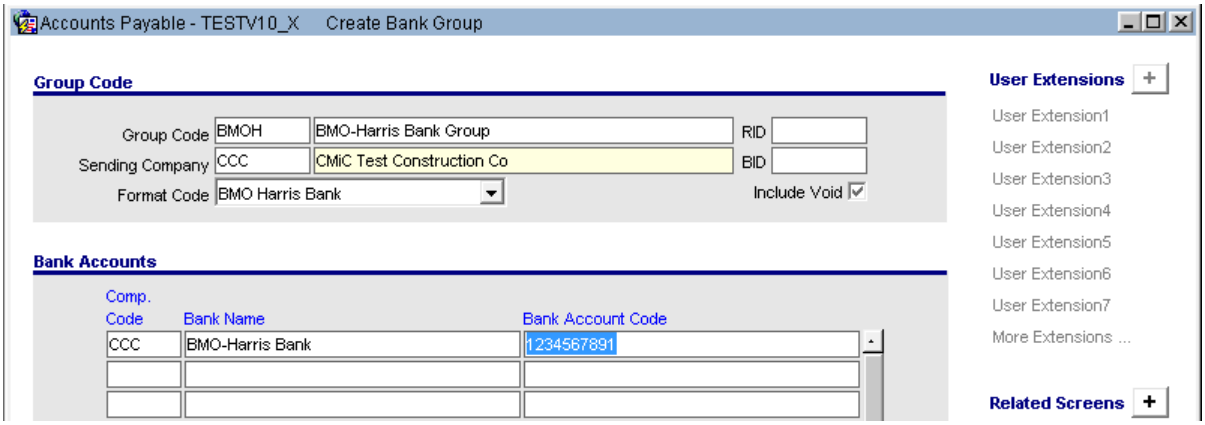
Setup Requirements:

Create a Bank Account for BMO-Harris Bank and assign the File Format value as [BMO_HARRIS] and Positive Pay File Format as [BMO_HARRIS] from the available lists.

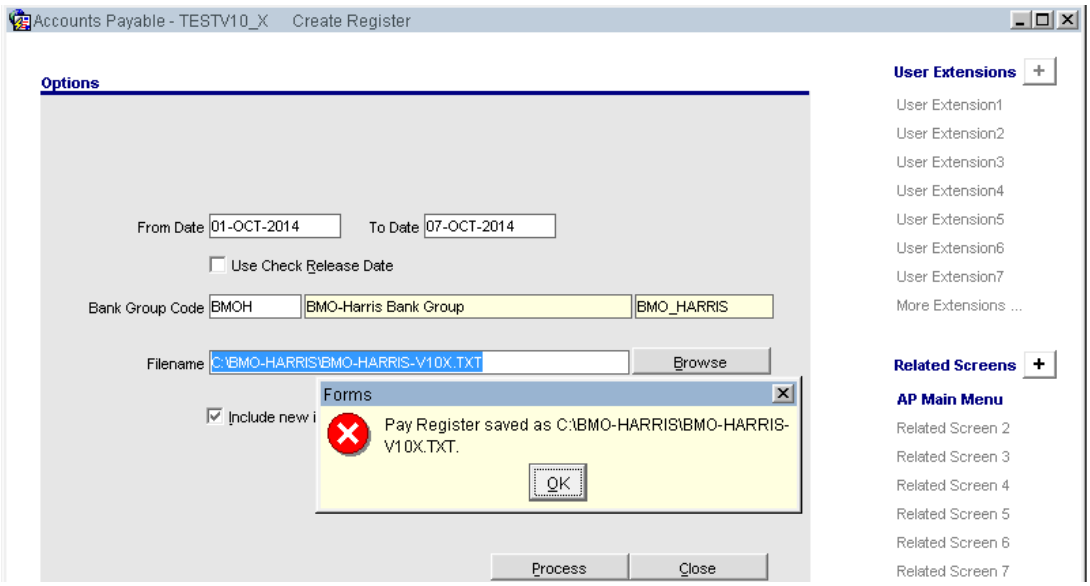




Create Bank Group using format Code [BMO Harris Bank] from the available selection list.



Generate the AP Positive Pay File using the program appospay.fmx



Positive File Layout:

The following is the Positive Pay File Layout for BMO-Harris Bank that will be generated by CMiC.

Service Type	Record Length
Positive Pay	40 (Exclude Payee Name field)

Input Option — Issued Check Record Layout:

Data Record	Record Position Information
1–10	Checking Account Number
11–20	Check Number
21–22	20
23–32	Check Amount (no decimal point)
33–38	Date Issued (MMDDYY)
39–40	00

Trailer Record (Issued Checks):

A total record containing the total issued count and total issued dollar amount is be included at the end of the file.

Record Position	Information
1–10	Checking Account Number
11–20	9999999999
21–22	40
23–32	Total Check Amount (no decimal point)
33–38	Total Issue Count
39–40	00

Input Option — Voided Check Record Layout:

Data Record	Record Position Information
1–10	Checking Account Number
11–20	Check Number
21–22	21
23–32	Check Amount (no decimal point)
33–38	Date Voided (MMDDYY)
39–40	00

Trailer Record (Voided Checks):

A total record containing the total issued count and total issued dollar amount is be included at the end of the file.

Record Position	Information
1–10	Checking Account Number
11–20	9999999999
21–22	43
23–32	Total Check Amount (no decimal point)
33–38	Total Void Count
39–40	00

File Generated by CMiC during Testing:

12345678910000000001200008897899100714 00

12345678910000000002200004378918100714 00

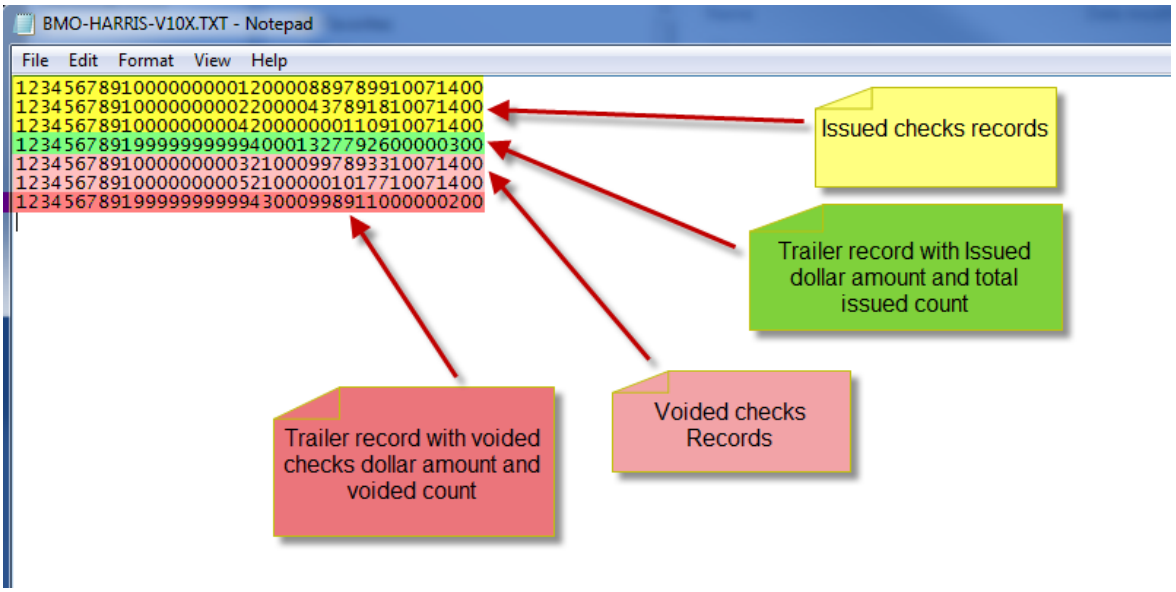
12345678910000000004200000001109100714 00

12345678919999999999400013277926000003 00

12345678910000000003210009978933100714 00

12345678910000000005210000010177100714 00

12345678919999999999430009989110000002 00



CCC - CMiC Test Construction Co

ACCOUNTS PAYABLE CHECK REPORT

Page: 1 of 1
Date: OCT 07, 2014
Time: 12:58 PM

Company: CCC Selection: BM BMO-HARRIS
Currency: US US Dollars
Conversion: 1

Handling Code	Bank Account	Check Num	Vendor Code	Vendor Name	Issued Name	Amount
CHI	1000.775	1	A1BRICKS	A1 Bricks Manufacturing Company	A1 Bricks Manufacturing Company	88,978.09
		2	A1CEMENT	A1 CEMENT INDUSTRIES	A1 CEMENT INDUSTRIES.	43,788.16
		3	A1DOORS	A1DOORS' - 'Company RRR'	A1DOORS' - 'Company RRR'	99,789.33
		4	A1ELEC	A1ELECTRIC Company	A1ELECTRIC Company	11.08
		5	A1FLOOR	A1 FLOOR MAKER	A1 FLOOR MAKER	101.77
					Total:	232,670.36

Company	CCC	Totals:	Checks Issued	5	$232,670.36
Grand Total for	Selection Code BM BMO-HARRIS		Checks Issued	5	$232,670.36

CCC - CMiC Test Construction Co

ACCOUNTS PAYABLE - VOID CHECK REPORT

Page: 1 of 1
Date: OCT 07, 2014
Time: 01:10 PM

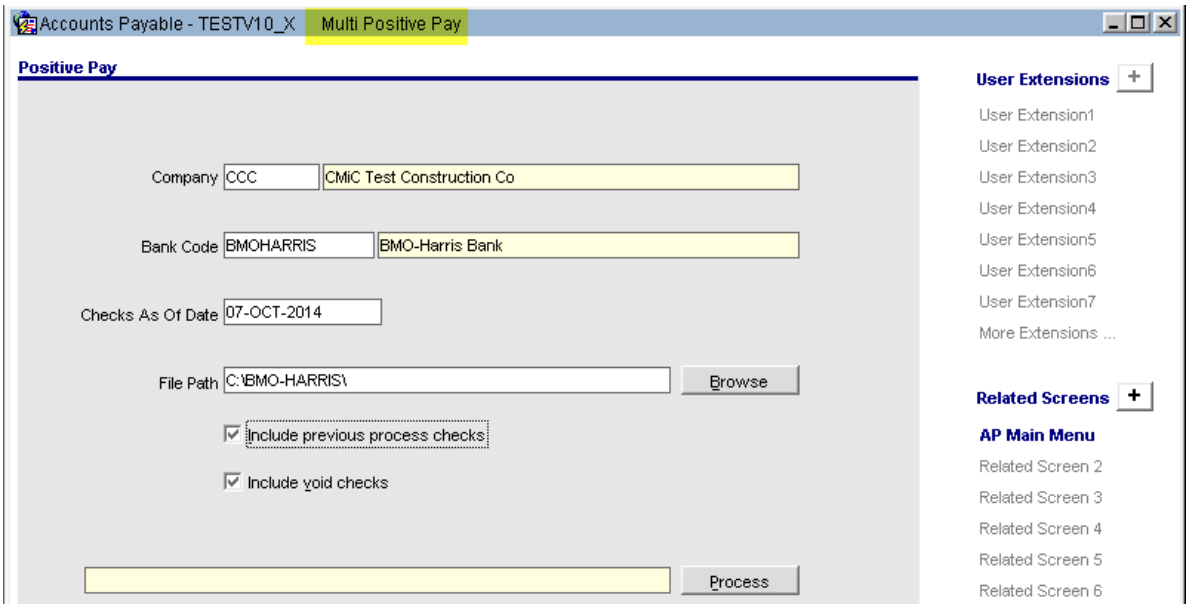
Check Number	Vendor Code	Vendor Name	Check Date	Void Date	Local Amount	Foreign Amount
3	A1DOORS	A1DOORS' - 'Company RRR'	OCT 07, 2014	OCT 07, 2014	99,789.33	99,789.33
5	A1FLOOR	A1 FLOOR MAKER	OCT 07, 2014	OCT 07, 2014	101.77	101.77
				Totals:	99,891.10	99,891.10

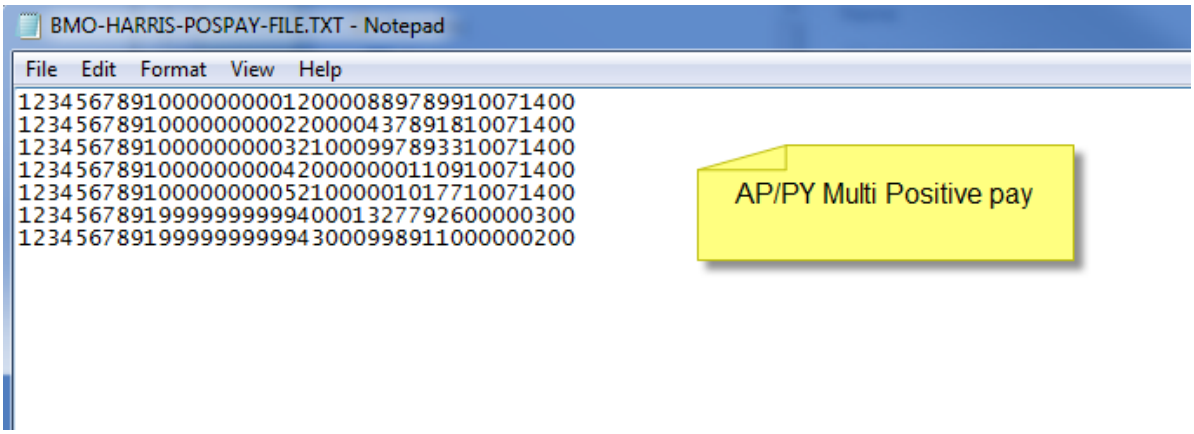
END OF REPORT

Report Parameters

Batch:	22096	Start Vendor:	
Post Date:	OCT 07, 2014	End Vendor:	
Account Code:	1000.775	Run Date:	OCT 07, 2014
Dept. Code:	00	Run Time:	01:10 PM
Start Date:		Operator:	RAVI
End Date:		Report Code:	APCVD

Generate AP/PY Multi Positive Pay File as required, using apmpospay.fmx





BMO-Harris Bank Reconciliation File:

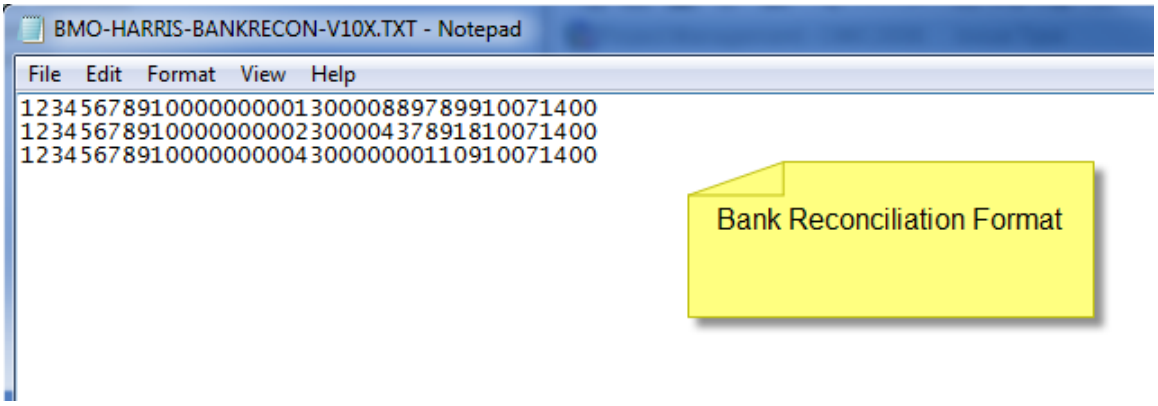
Output Option — Check Paid Layout

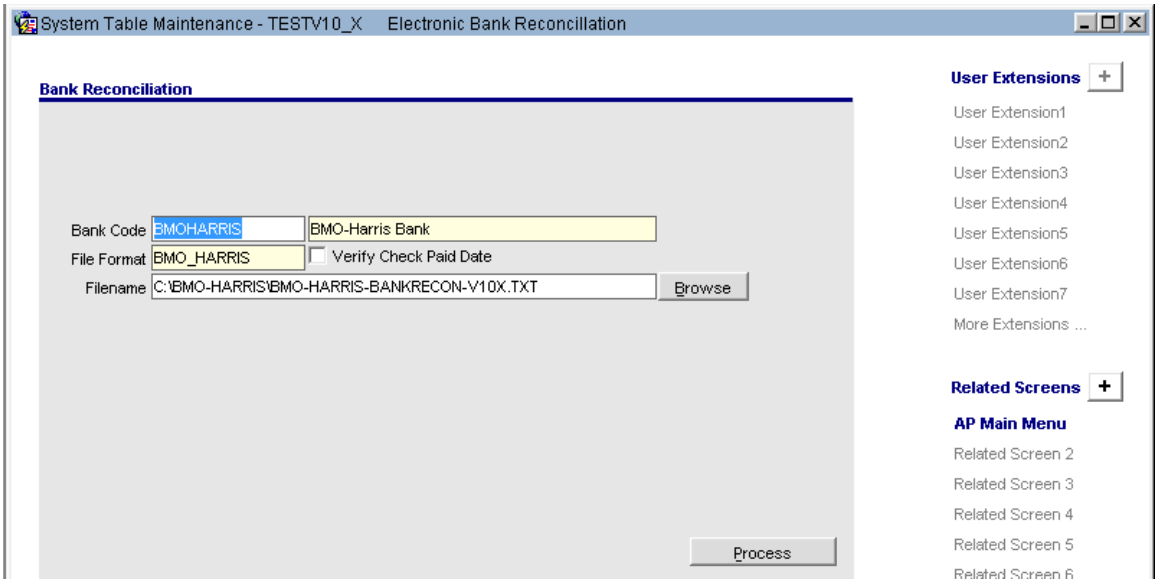
Data Record

Record Position	Information
1–10	Checking Account Number
11–20	Check Number
21–22	30
23–32	Check Amount (no decimal point)
33–38	Date Paid (MMDDYY)

39–40 00

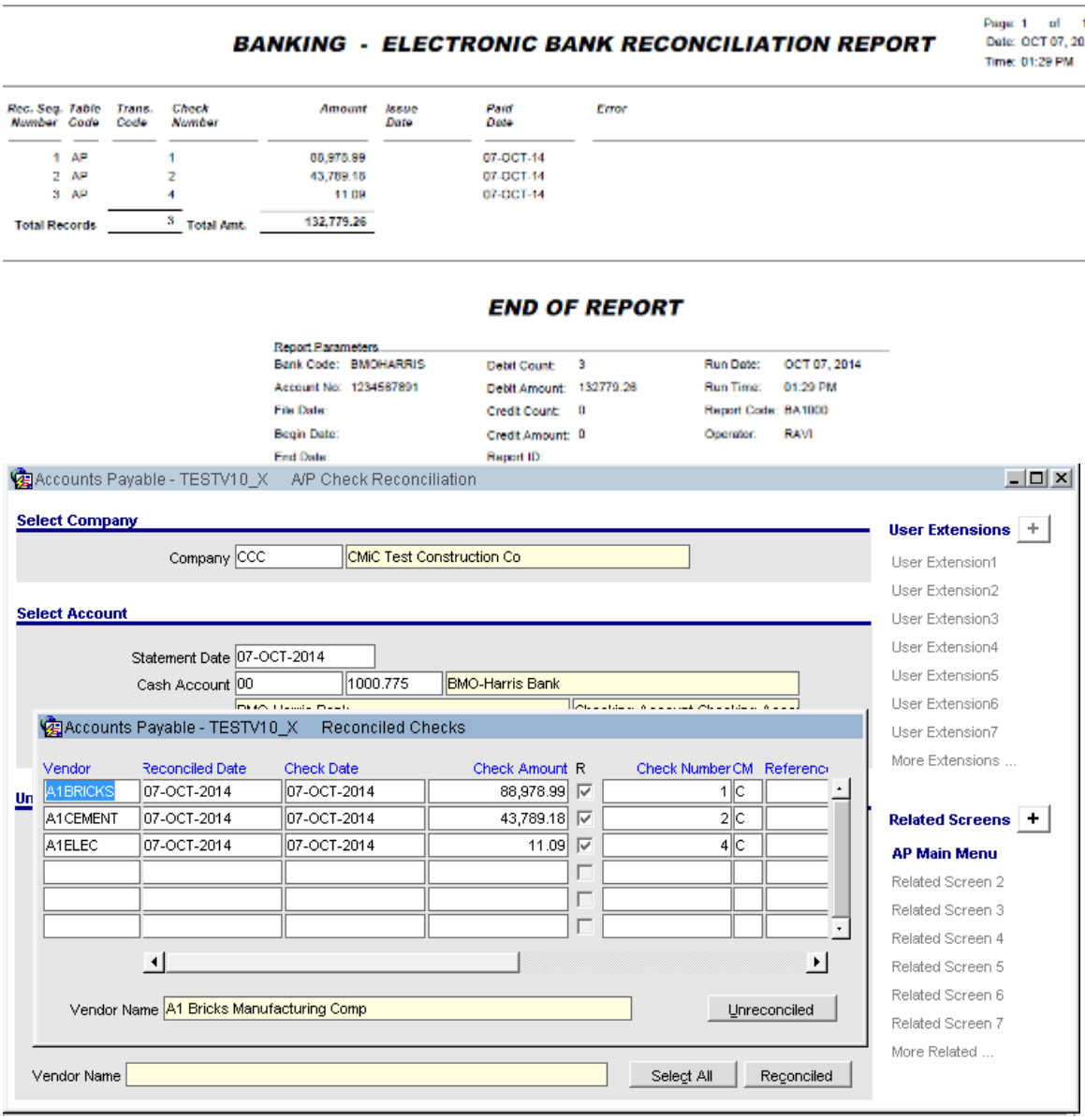
Sample File used in CMiC Testcase:





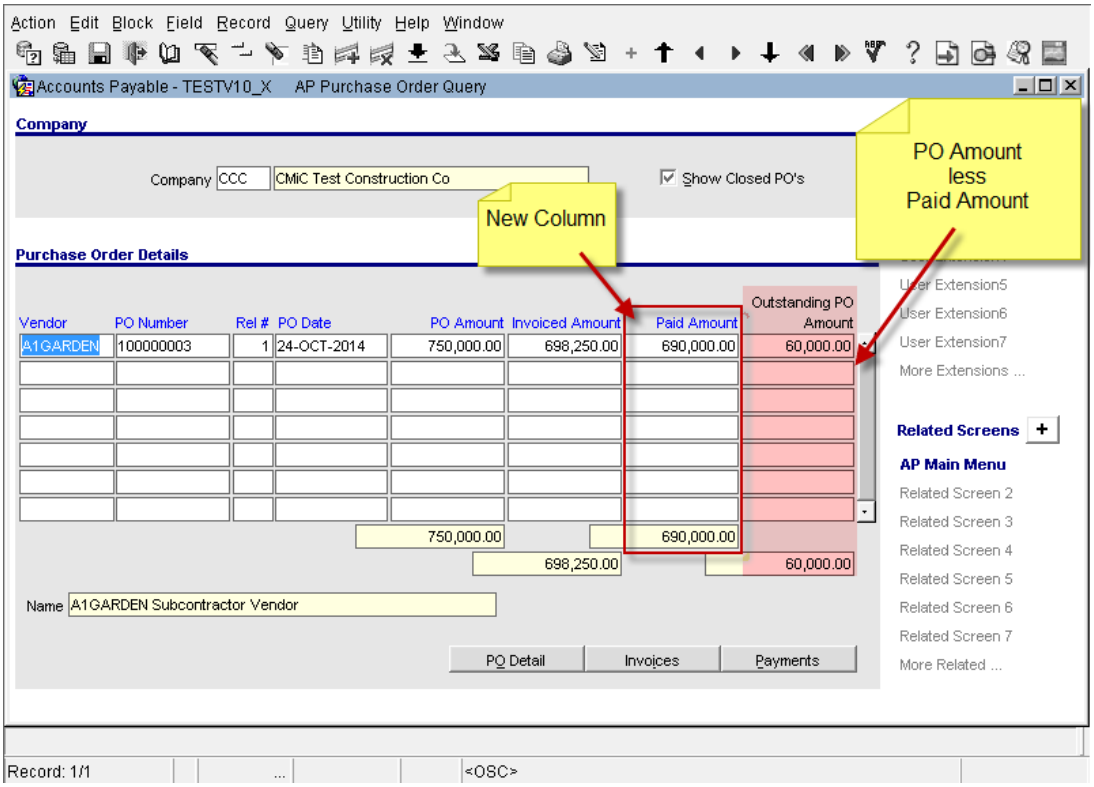
Global Tables > Banking >Bank Reconciliation > Bank Reconciliation (bachkrec.fmx)

Use the Bank Reconciliation Program and select the Bank Statement file, 'Process' and print as required.



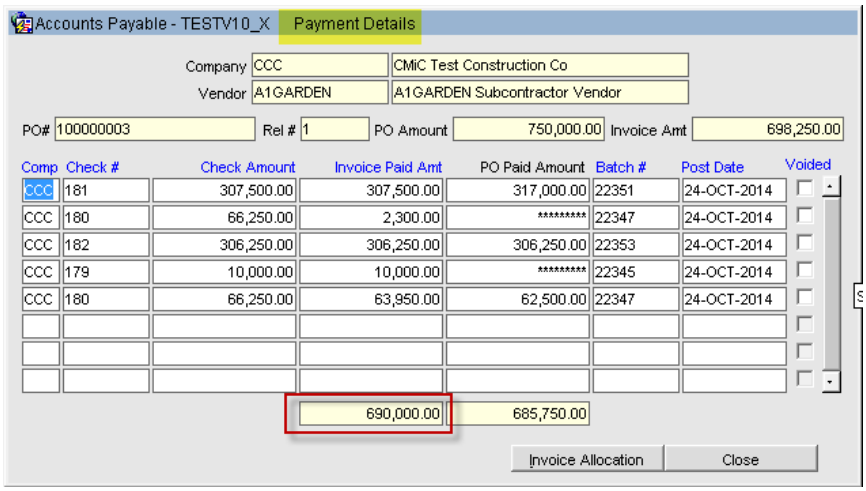
Verify the Checks are reconciled using the AP Check Reconciliation program.

AP Purchase Order Query - Paid Amount Column (14.94734)



AP > Query > PO Query (appoqry.fmx)

The purchase order details section is modified with an additional column 'Paid Amount'. This new column brings forward the 'Invoice Paid' column value found within the 'Payments' popup.



The 'Outstanding PO Amount' column calculation is now modified as PO Amount less Paid Amount.

This is to keep the 'Outstanding PO Amount' to be represented correctly, in cases where there is a variance during voucher entry, with the invoice amount being NOT entirely allocated to the PO receipt details. Also, partial payments on the invoices needs to be accounted for when calculating the Outstanding PO Amount.

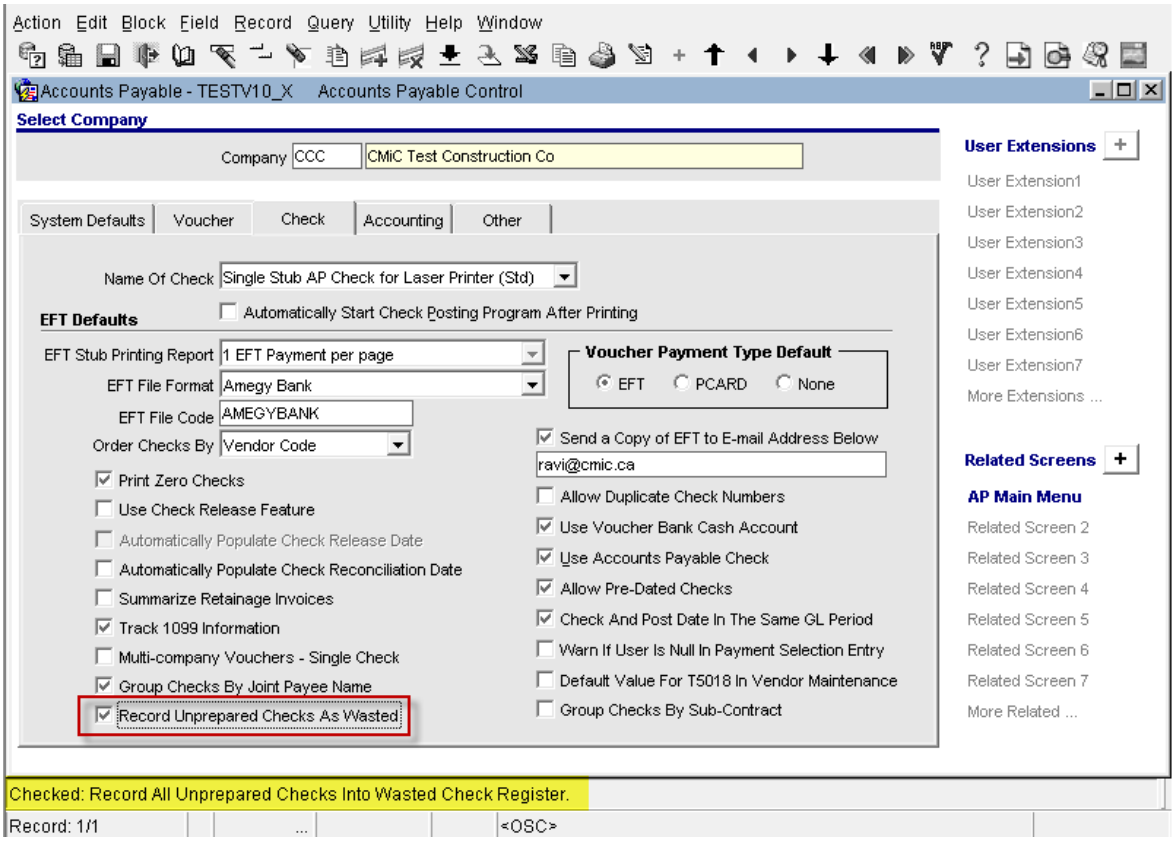
NOTE: Users must be aware that with this change, the Outstanding PO Amount column may have 'Negative' values when the paid amount is in excess of the PO Amount. Also note that, the column totals display fields are staggered in two rows to keep the visibility of large sums.

Un-Prepared Checks recorded in Wasted Checks Register(14.93467)

Enhanced the AP system, to record any 'Un-prepared' check numbers as wasted check numbers in 'Wasted Checks' table. This information may be useful for audit purposes.

Modifications:

AP Control File:



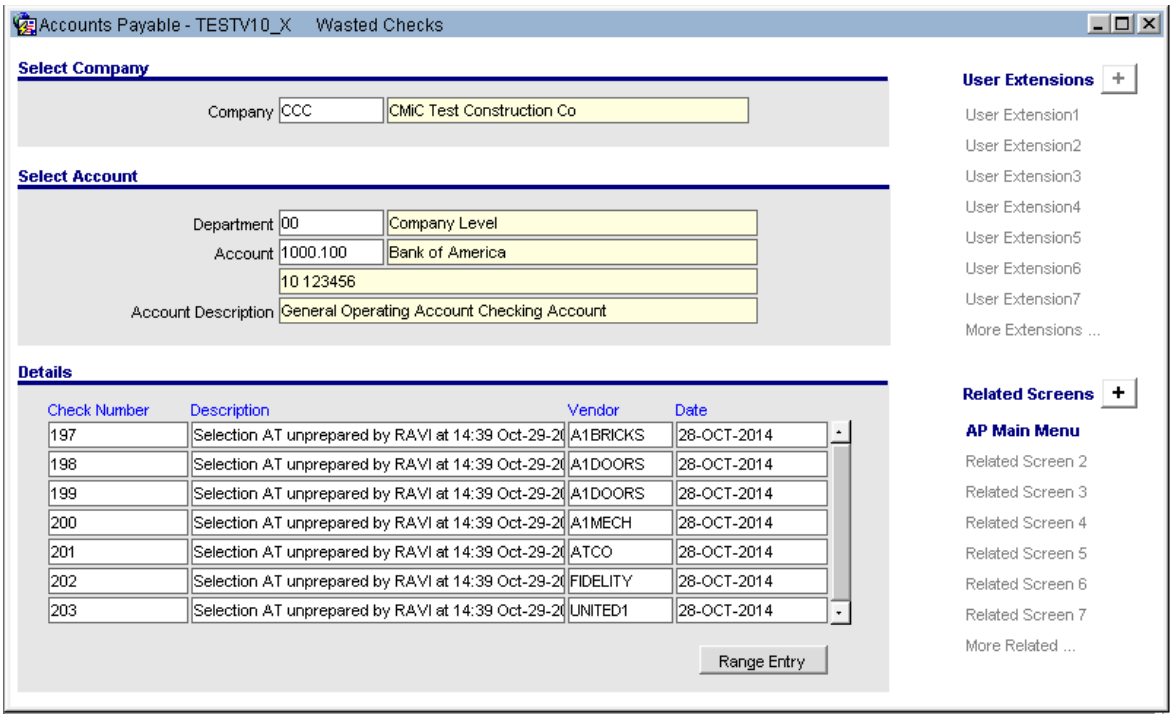
AP Control > Checks Tab

Added a check box 'Record Unprepared Checks As Wasted' in the 'Check' tab of AP Control. The default value is un-checked.

Un-Checked: Existing functionality applies. Any check numbers, skipped due to 'Un-Prepare Checks' performed by users are NOT recorded in the system.

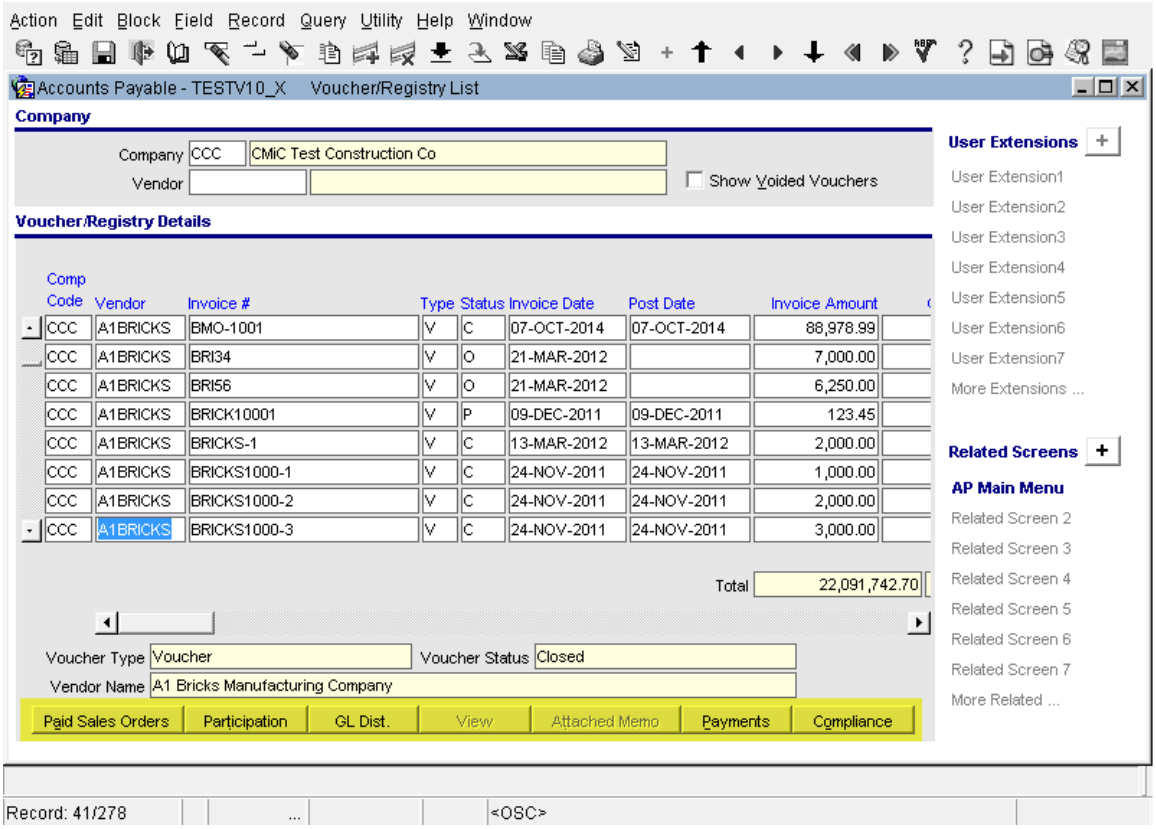
Checked: When using 'Un-Prepare Checks' utility, the check numbers are recorded as 'Wasted Checks', which provided audit details about the missing sequence numbers when using automated check preparation process.

The wasted check description includes the Selection Code, User and Date/Time Unprepared.



AP > Checks > Wasted Checks

Registry / Voucher Query - Buttons to access more info. (14.94673)



AP Registry/Voucher Query (apvouinq.fmx)

Added the 'Button' panel to the registry/Voucher Query screen to access more information as shown in the screen print. This is exactly as found in the 'Voucher Query' screen and now users have the ability to access additional information in this screen as well.

Note that, since this screen displays 'registered Invoices' as well (which are un posted with no actual voucher distribution and no payment information?) , some of the buttons are disabled and NOT accessible.

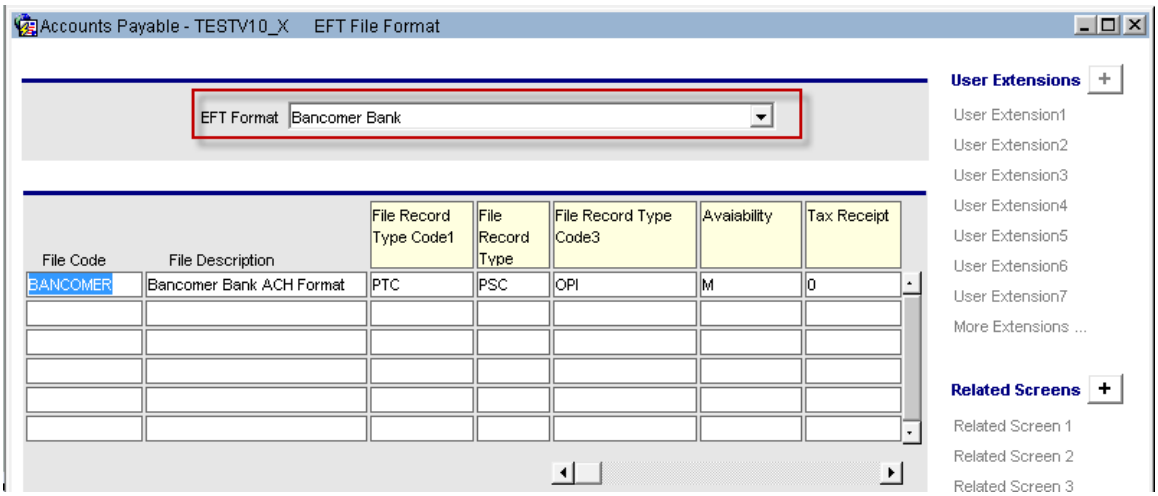
EFT File Format - Bancomer Net Cash (14.93051)

An EFT file format for '**Bancomer Net Cash**' in CMiC Accounts Payable application, so that, vendor payments may be made in countries such as Mexico.

Modifications:

AP EFT File Setup:

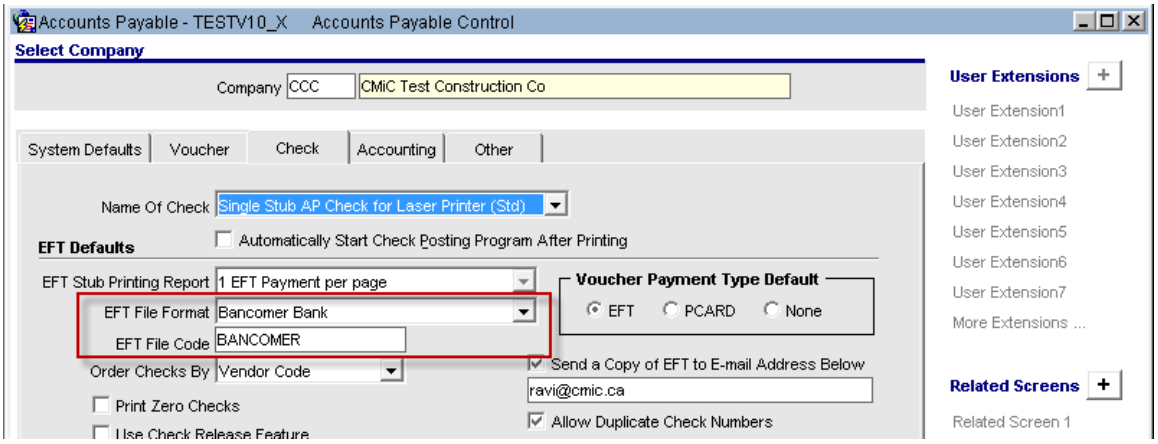
A new EFT file format 'Bancomer Bank' is added to the EFT file format list in AP.



AP>Setup>Local Tables>EFT Format> apeftfm.fmx

The values are pre-populated as per the specification provided and may be further configured by users as required.

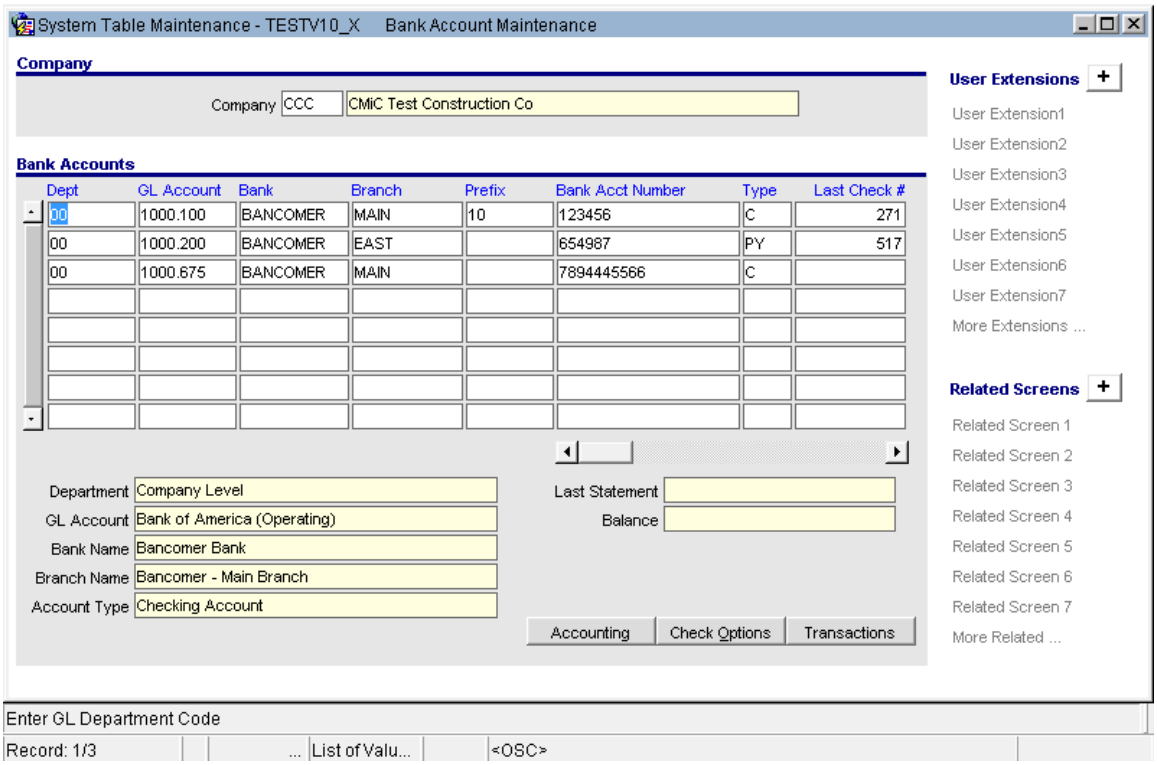
AP Control Setup:



AP>Setup>Local Tables>Control>apctrlfm.fmx

Users may select the EFT File Format and EFT File Code for 'Bancomer Bank', if required. These values will simply default in 'Check Printing' form, which may be overridden as required.

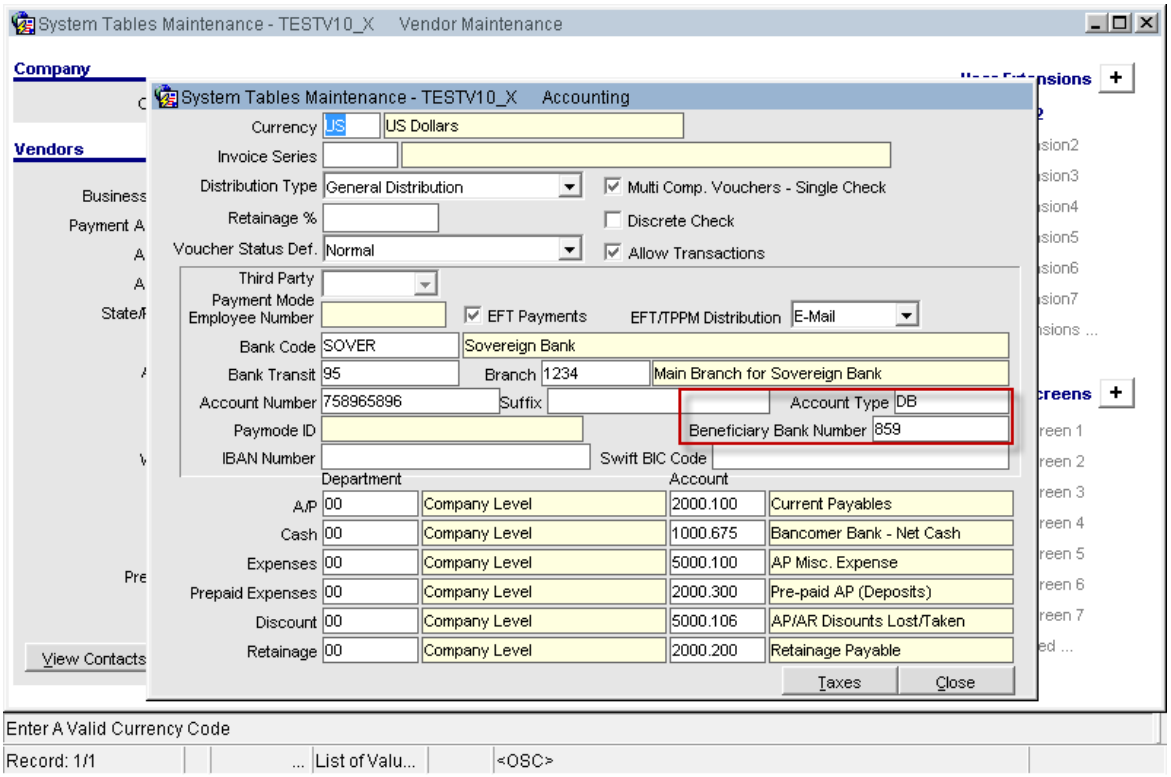
Bank Account Maintenance: (No Changes. For Information Purposes Only!)



AP > Global Tables > Banking > Bank Account Maintenance

Users may have more than one bank account with the 'Bancomer Bank' as shown. These bank accounts known as 'Cash Accounts' in voucher entry may be selected when creating vouchers. This bank accounts may have different bank branches as shown.

Vendor Maintenance:



AP>Setup>Vendor Detail > bpvenfm.fmx

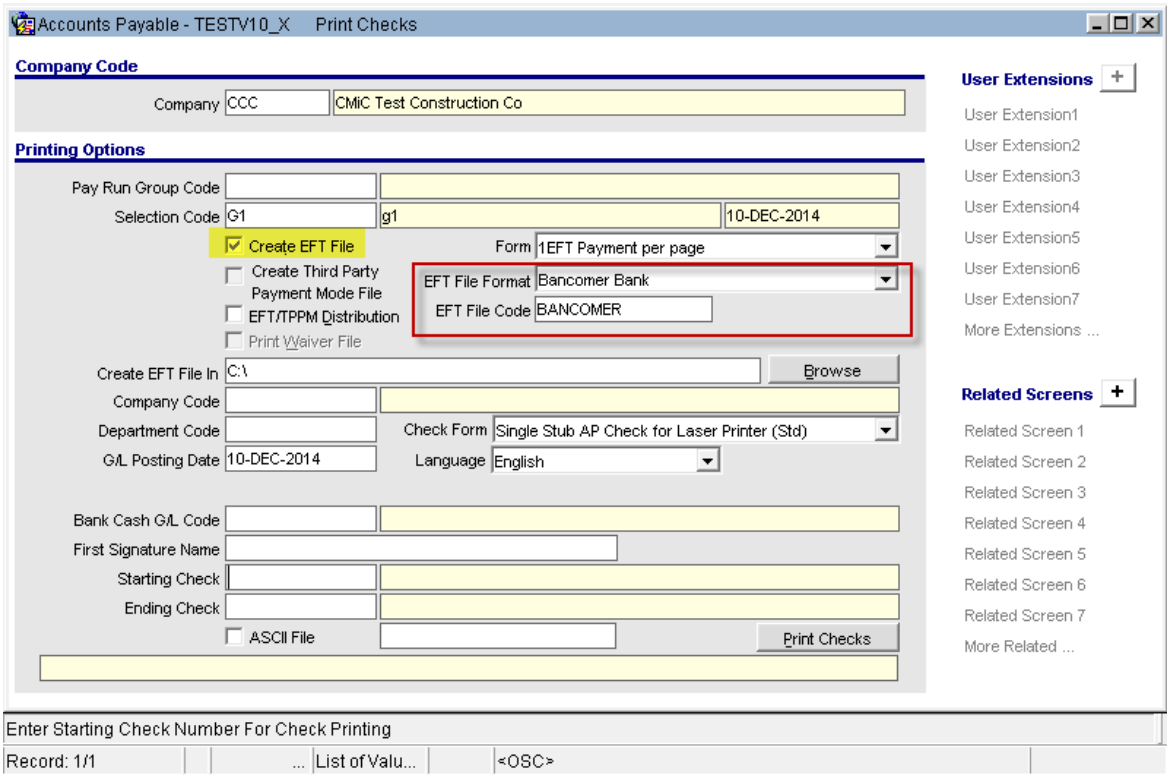
The Vendor Maintenance is modified with two additional fields as shown.

1. Account Type	bpven_acc_type_code	varchar2(2)
2. Beneficiary Bank Number	bpven_beneficiary_bank_num	varchar2(3)

The values set in these fields will be used when preparing the EFT File for 'Bancomer Bank'.

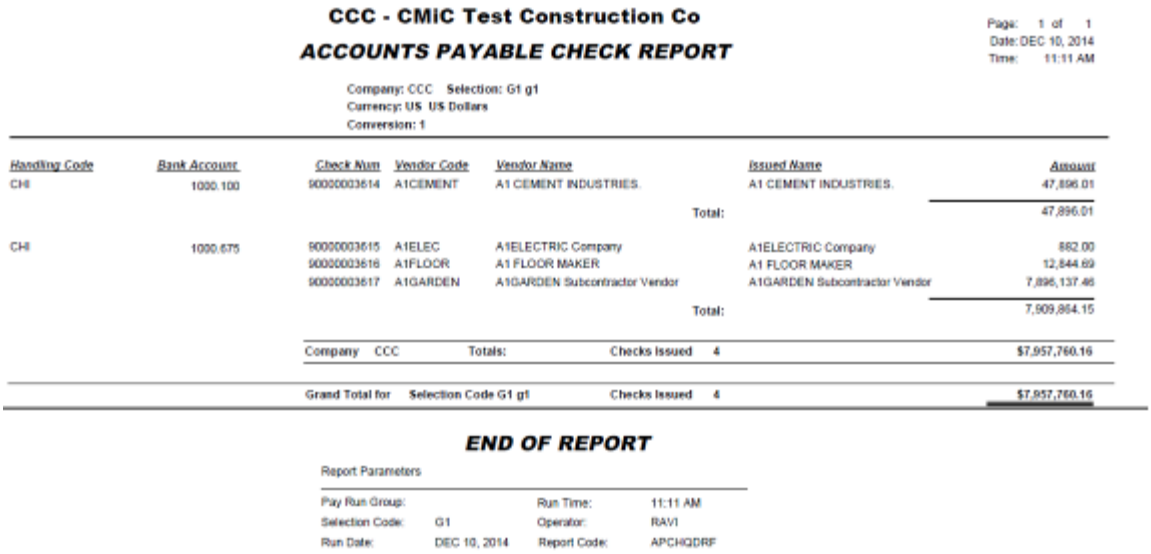
Users must also note that, the use of a Bank Branch in Vendor bank account maintenance fields. This is important that the branch address country code (2 character code such as 'MX', 'US'...etc) is entered for each of those vendors and that will decide the transaction type when the EFT file is printed.

EFT File printing (AP Check Printing):



AP>Check>Print Check > apchqprt.fmx

The AP Check printing program is modified to include the newly created EFT File format for 'Bancomer Bank'.



CCC - CMiC Test Construction Co

ACCOUNTS PAYABLE CHECK REPORT

Page: 1 of 1
Date: DEC 10, 2014
Time: 11:11 AM

Company: CCC Selection: G1 g1
Currency: US US Dollars
Conversion: 1

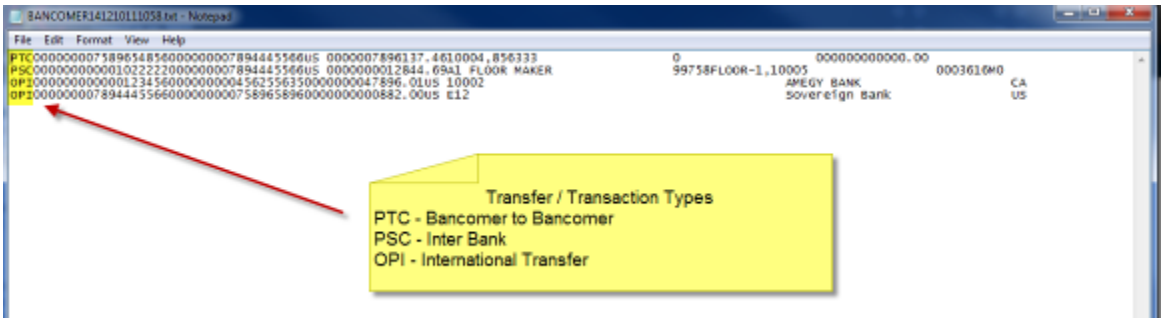
Handling Code	Bank Account	Check Num	Vendor Code	Vendor Name	Issued Name	Amount
CHI	1000.100	90000003614	A1CEMENT	A1 CEMENT INDUSTRIES.	A1 CEMENT INDUSTRIES.	47,896.01
				Total:		47,896.01
CHI	1000.675	90000003615	A1ELEC	A1ELECTRIC Company	A1ELECTRIC Company	862.00
		90000003616	A1FLOOR	A1 FLOOR MAKER	A1 FLOOR MAKER	12,844.69
		90000003617	A1GARDEN	A1GARDEN Subcontractor Vendor	A1GARDEN Subcontractor Vendor	7,896,137.46
				Total:		7,909,864.15
Company CCC		Totals:		Checks Issued 4		$7,957,760.16
Grand Total for Selection Code G1 g1				Checks Issued 4		$7,957,760.16

END OF REPORT

Report Parameters

Pay Run Group:		Run Time:	11:11 AM
Selection Code:	G1	Operator:	RAVI
Run Date:	DEC 10, 2014	Report Code:	APCHQDRF

The check report shows a total of 4 checks prepared for the vendors as shown.



The EFT file generated has the specified number of lines as per the AP Check report.

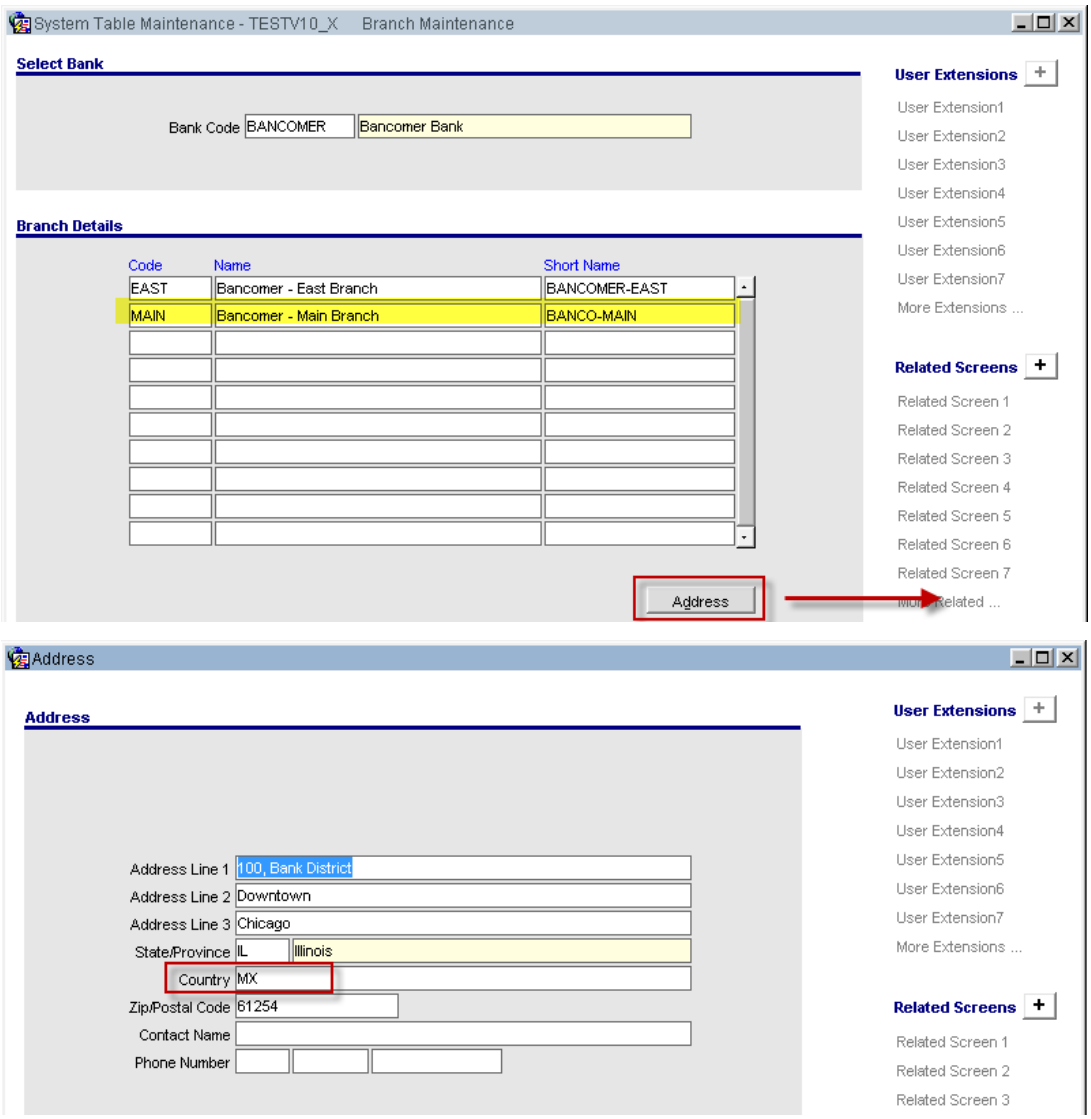
Note that the first 3 characters define the type of transactions as

1.PTC - Bancomer to Bancomer (Bancomer as Bank Code with Branch Address Company Code as 'MX')

2.PSC - Bancomer to Other Banks (Bank Code with Branch Address Country Code as 'MX')

3.OPI - Bancomer to International Banks (Bank Code with Branch Address Country Code like 'US', 'CA'...)

The Country Code is determined from the Bank Branch > Address Code Maintenance Form



The Bank Branch Country Code must be set as a 2 character code and for the Bancomer Cash Accounts it must be set as 'MX'.

These cash accounts in turn will be used in vouchers as cash accounts. Users may have more than one Bancomer Cash Accounts; for example Checking, Payroll etc. Each of those cash accounts must use the same bank code but may have different branch address as required. The country code for all these cash accounts must remain the same as 'MX'.

File Layout Specifications:

Bancomer to Bancomer

Transfers between two accounts at Bancomer.

Field Position	Field Name	Type	Length	Description	Example	CMiC Field Mapping
1	Transaction Code	Alphanumeric	3	Possible Values: TNN = Same Bank Transfer TSC = Inter-Bank Transfer PTC = Same Bank Payment PSC = Inter Bank Payment	PTC	PTC = Default Value for this file type
2	Beneficiary Account	Numeric	18	Account No determined for credit	000000000015463951	DA.BPVENDORS.BPVEN_BANK_ACC_NUM2 - PAYEE'S BANK INFO
3	Orginiator Account	Numeric	18	Account No determined for debit	000000002757324871	DA.BABANKACCT.BAB_ACC_NUYMBER - PAYER'S BANK INFO
4	Transaction Currency	Alphanumeric	3	Possible Values: MXP (MX Pesos) USD (US Dollars) EUR (Euros)	MXP	DA.BPVENDORS.BPVEN_CURR_CODE NOTE: In CMiC we have Currency Code MXN for Mexican Peso as it is the more common symbol, however for Bancomer's Net Cash application it is MXP. We will need to program it so that if the Vendor Currency is MXN that the files is populated with MXP.
5	Transaction Amount	Amount	16	Right justified with zero fill Format ####.DD	0000000000150.35	DA.PAYAMT.PA_PAY_AMT (Check Amount)
6	Payment Reference	Alphanumeric	30	The inforamtion given here will be sent to the account statements of the Originator and the Beneficiary	A67820110406	DA.VOUCHER.VOU_INV_CODE. [If multiple invoices, separate by a comma and fit as many as you can.]
7	Tax Receipt	Numberic	1	Possible Values: 0 = No tax Receipt 1 = With Tax Receipt	1	0 = Default value for this file type. We will not have Tax Receipts
8	Beneficiariy Tax ID (RFC)	Alphanumeric	18	When Tax Receipt is activated, the RFC of the beneficiary must be provided, or otherwise fill with 18 spaces	HEQL830620HDFRMS	18 blank spaces = Default Value for this file type. We will not have Tax Recipts
9	VAT on Amount Paid	Amount	15	When Tax Receipt is activated, VAT on the amount paid is specified, or otherwise zero fill without losing the format #####.dd	000000001234.56	000000000000.00 = Default value for this file type. We will not have Tax Receipts

Interbank Transfers

Bancomer to another Bank within the Country of Mexico

Field Position	Field Name	Type	Length	Description	Example	CMiC Field Mapping
1	Transaction Code	Alphanumeric	3	Transaction Type	PSC	PSC = Default Value for this File Type
2	Beneficiary Account	Numeric	18	Beneficiary Acct #	014180565148394029	DA.BPVENDORS.BPVEN_BANK_ACC_NUM2 - PAYEE'S BANK INFO
3	Orginator Account	Numeric	18	Debit Account Number	000000002757324871	DA.BABANKACCT.BAB_ACC_NUYMBER - PAYER'S BANK INFO
4	Transaction Currency	Alphanumeric	3	Possible Values: MXP (MX Pesos) USD (US Dollars) EUR (Euros)	MXP	DA.BPVENDORS.BPVEN_CURR_CODE NOTE: In CMiC we have Currency Code MXN for Mexican Peso as it is the more common symbol, however for Bancomer's Net Cash application it is MXP. We will need to program it so that if the Vendor Currency is MXN that the files is populated with MXP.
5	Transaction Amount	Amount	16	Right justified and the format is xxxxxxxxxxxxx.xx	0000000000150.35	DA.PAYAMT.PA_PAY_AMT (Check Amount)
6	Beneficiary Name	Alphanumeric	30	Left justified fill in with spaces to complete the 30 letters or digits	ABC Company	DA.BPARTNER_TABLE.BP_LEGAL_NAME
7	Account Type	Numeric	2	CLABE account value = 40 Debit Card = 03	40	NEW FIELD TO BE ADDED TO THE DA.BPVENDORS TABLE
8	Beneficiary Bank Number	Numeric	3	Official BANXICO Number. Check Banxico catalog; last 3 fields used	014	NEW FIELD TO BE ADDED TO THE DA.BPVENDORS TABLE
9	Payment Reference	Alphanumeric	30	The inforamtion given here will be sent to the account statements of the Originator and the Beneficiary	A67820110406	DA.VOUCHER.VOU_INV_CODE. [If multiple invoices, separate by a comma and fit as many as you can.]
10	Numeric Reference	Numeric	7	The inforamtion given here will be sent to the account statements of the Originator and the Beneficiary	0000371	DA.CHEQUE.CHQ_NUM [In CMiC the payment number is 11 digits, truncate to last 7. for example, 900000000371 would become 0000371)
11	Availability	Alphanumeric	1	Possible Value: H = Same day via SPEI Wire Transfer M = Next day via CECOBAN ACH Transfer	H	M = Defualt Value for this File Type
12	Tax Receipt	Numberic	1	Possible Values: 0 = No tax Receipt 1 = With Tax Receipt	1	0 = Default value for this file type. We will not have Tax Receipts
13	Beneficiariy Tax ID (RFC)	Alphanumeric	18	When Tax Receipt is activated, the RFC of the beneficiary must be provided, or otherwise fill with 18 spaces	HEQL830620HDFRMS	18 blank spaces = Default Value for this file type. We will not have Tax Recipts
14	VAT on Amount Paid	Amount	15	When Tax Receipt is activated, VAT on the amount paid is specified, or otherwise zero fill without losing the format #####.dd	000000001234.56	000000000000.00 = Default value for this file type. We will not have Tax Receipts

International Payments (OPI)

Bancomer to Banks outside the Country of Mexico

Field Position	Field Name	Type	Length	Description	Example	CMiC Field Mapping
1	Transaction Code	Alphanumeric	3	Transaction Type	OPI	OPI = Default Value for this File Type
2	Orginator Account	Numeric	18	Debit Account Number	000000025757324871	DA.BABANKACCT.BAB_ACC_NUMBER - PAYER'S BANK INFO
3	Beneficiary Account	Numeric	18	Beneficiary Acct #	014180565148394029	DA.BPVENDORS.BPVEN_BANK_ACC_NUM2 - PAYEE'S BANK INFO
4	Transaction Amount	Amount	16	Right justified and the format is xxxxxxxxxxxxx.xx	0000000000150.35	DA.PAYAMT.PA_PAY_AMT (Check Amount)
5	Transaction Currency	Alphanumeric	3	Possible Values: USD (US Dollars) EUR (Euros) CAD (Candian Dollars) GBP (British Pound) JYO (Japanese Yen [Known as JPY] SEK (Swedish Krona) CHF (Swiss Franc)	EUR	DA.BPVENDORS.BPVEN_CURR_CODE NOTE: The Possible values were the only ones listed on the documentation, there could be other possabilities.
6	Payment Reference	Alphanumeric	50	The inforamtion given here will be sent to the account statements of the Originator and the Beneficiary	A67820110406	DA.VOUCHER.VOU_INV_CODE. [If multiple invoices, separate by a comma and fit as many as you can.]
7	ABA / BIC	Alphanumeric	15	Justify Left , fill in with spaces	NWBKGB2LXXX	DA.BPVENDORS.BPVEN_SWIFT_BIC_CODE
8	Beneficiary Bank	Alphanumeric	30	Justify left, fillin with spaces, the name mujst correspond to the ABA/BIC	National Westminster Bank PLC	DA.BPVENDORS.C_BABANK_BA_NAME
9	Beneficiary Bank Country	Alphanumeric	30	Justify left, fill in with spaces	REINO UNIDO	DA.BPVENDORS.BPVEN_BANK_CODE and read the table field DA.SYSADDRESS.SADDR_COUNTRY. NOTE: Currently we normally put the country's 2 digit abbreviation in this field. Will confirm with Bancomer that this needs to be fully spelled out. If it does, we might need to come up with a solution.
10	Beneficiary Bank Address	Alphanumeric	40	Justiy left, fill in with spaces	145 Oxford St London	DA.BPVENDORS.BPVEN_BANK_CODE and read the table field DA.SYSADDRESS.SADDR_LINE 1, DA.SYSADDRESS.SADDER_LINE2, DA.SYSADDRESS.SADDR_LINE 3.
11	Beneficiary Name	Alphanumeric	30	Justify left, fill in with spaces	Willaim Ford	DA.BPARTNER_TABLE.BP_LEGAL_NAME
12	Beneficiary Address	Alphanumeric	40	Justify left, fill in with spaces	1200 University	DA.BPVENDORS.BPVEN_PAY_ADD1, DA.BPVENDORS.BPVEN_PAY_ADD2
13	Beneficiary Phone Number	Numeric	12	Jusity right, fill in with zeros	013555621361	DA.BPVENDORS.BPVEN_PAY_PHONE

Bank of Hawaii - Positive pay File Format (14.96168)

A positive Pay File Format for Bank of Hawaii is created as per the specification below.

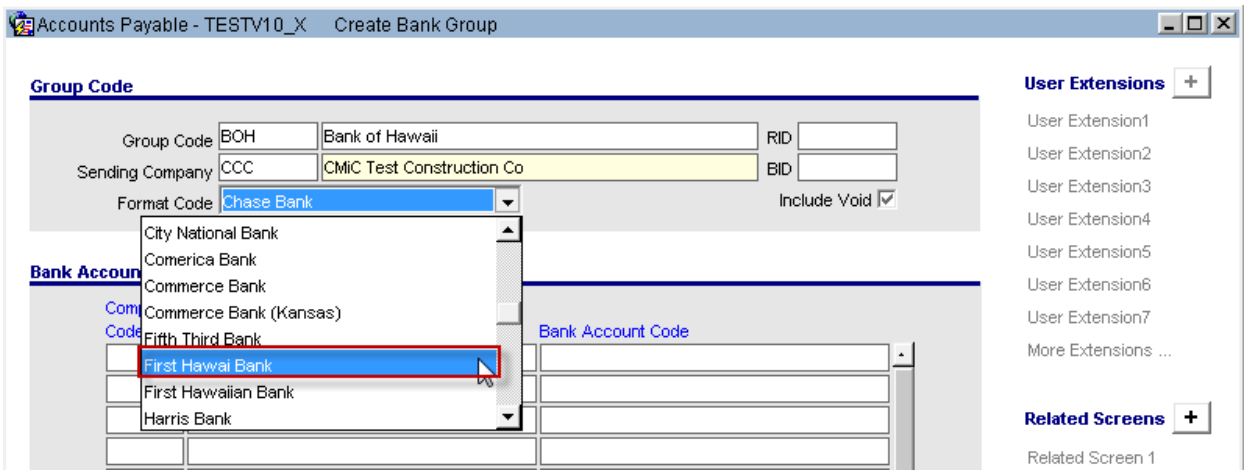
Standard (IIF_001_S)

Field Description	*Positions*	*Length*	*Comments*
Record Type Code	01-01	1	Required: Constant '5'
Check Serial Number	02-11	10	Required: Numeric, Right justified, Zero filled
	12-13	2	Spaces
Amount	14-23	10	Required: Right justified, Zero filled $$$$$$$$CC
Issue Date	24-29	6	Required: Numeric, Zero filled MMDDYY
Account Number	30-39	10	Required: Numeric, Right justified, Zero Filled
Discretionary Data	40-54	15	Optional; Alphanumeric, Left justified, Space Filled
Void Indicator	55-55	1	'V' = Void, ' ' = normal
	56-80	25	Spaces

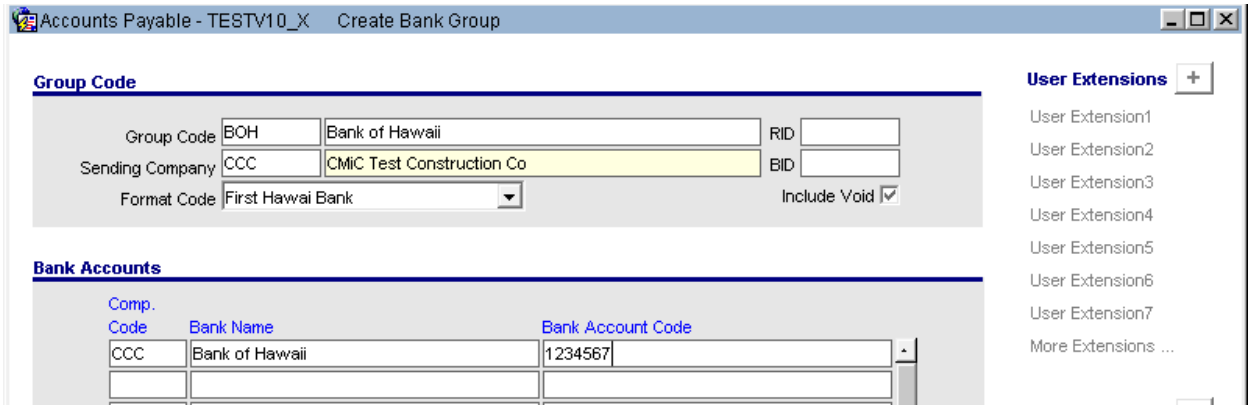
Example:

1. Create a Bank Group for Bank of Hawaii.

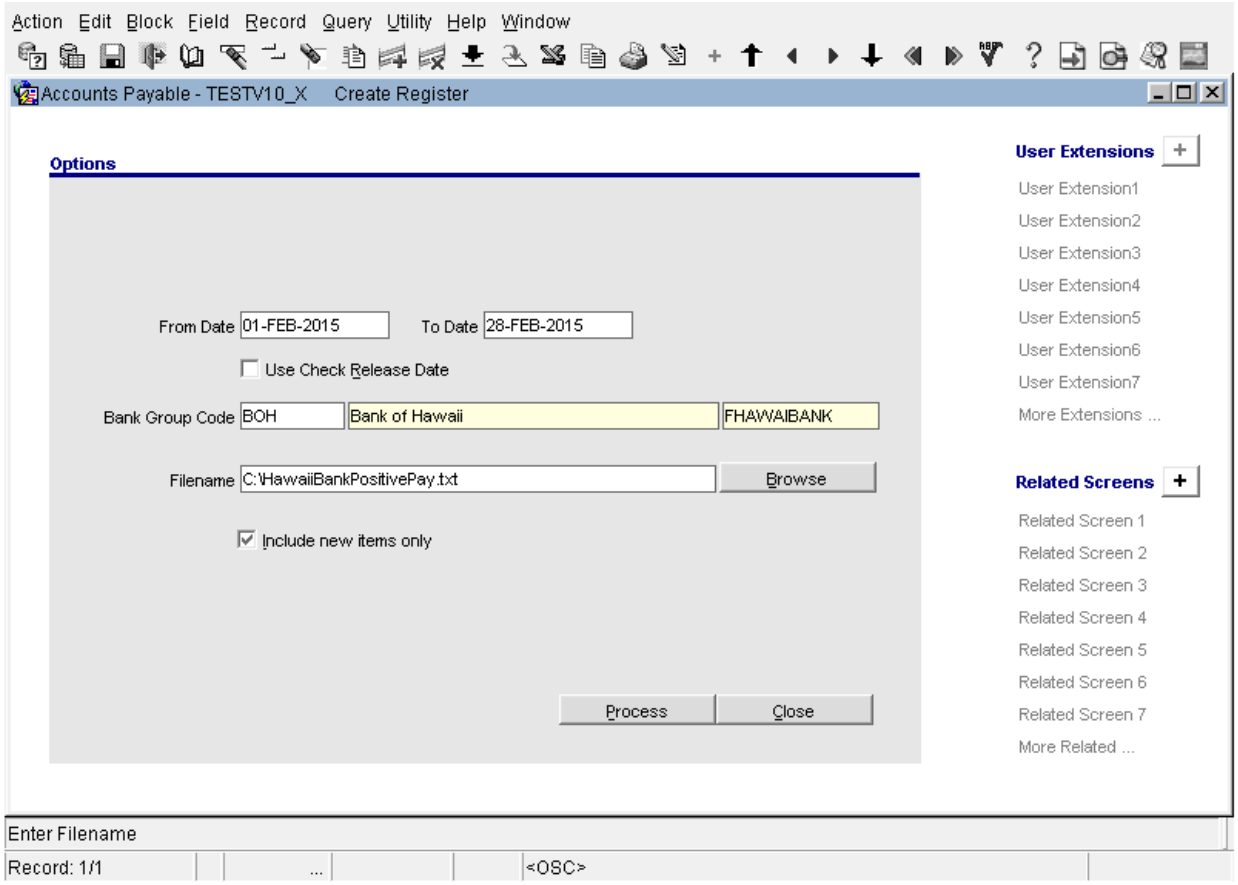
Select the format Code as 'First Hawaii Bank' as highlighted in the screen print.



2. Complete the Bank Group with required Bank Code, Bank Name and Account Code.

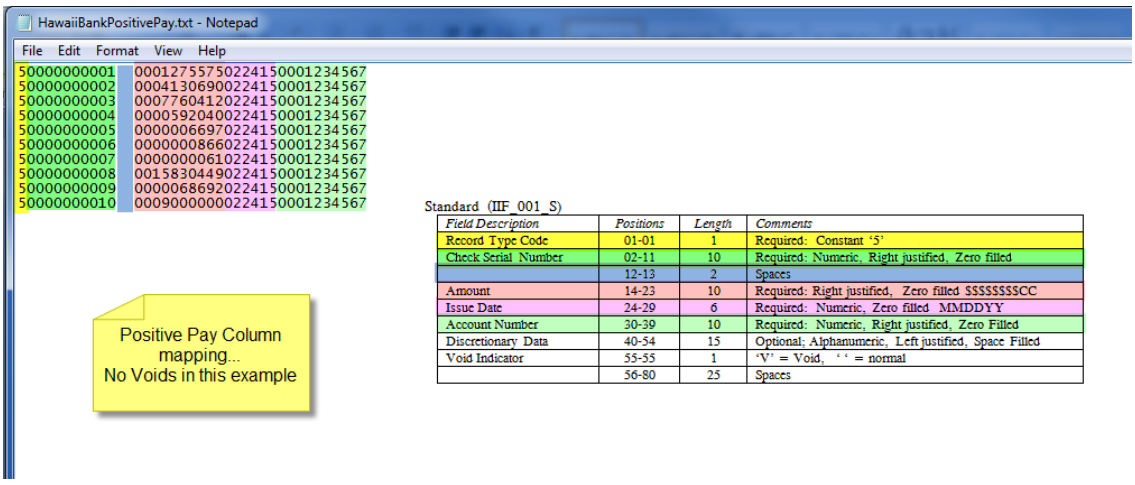


3.Open the 'Create Register' program and specify the parameters as shown and 'Process'



4. The generated file format will be as follows.

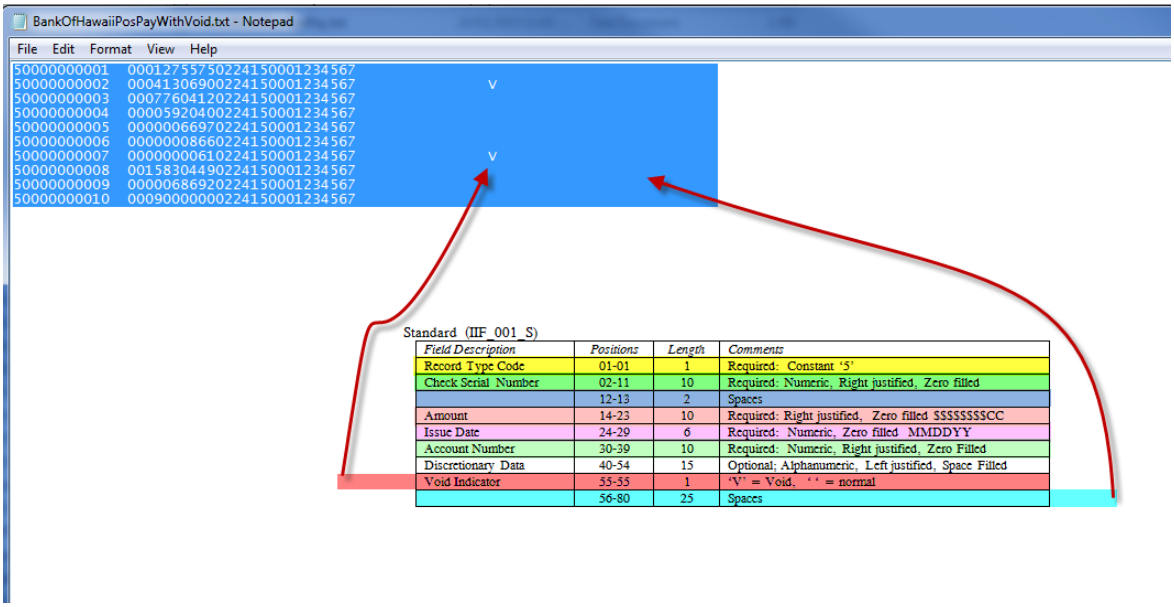
a) Positive Pay File Format with no Voids:



Standard (IIF_001_S)

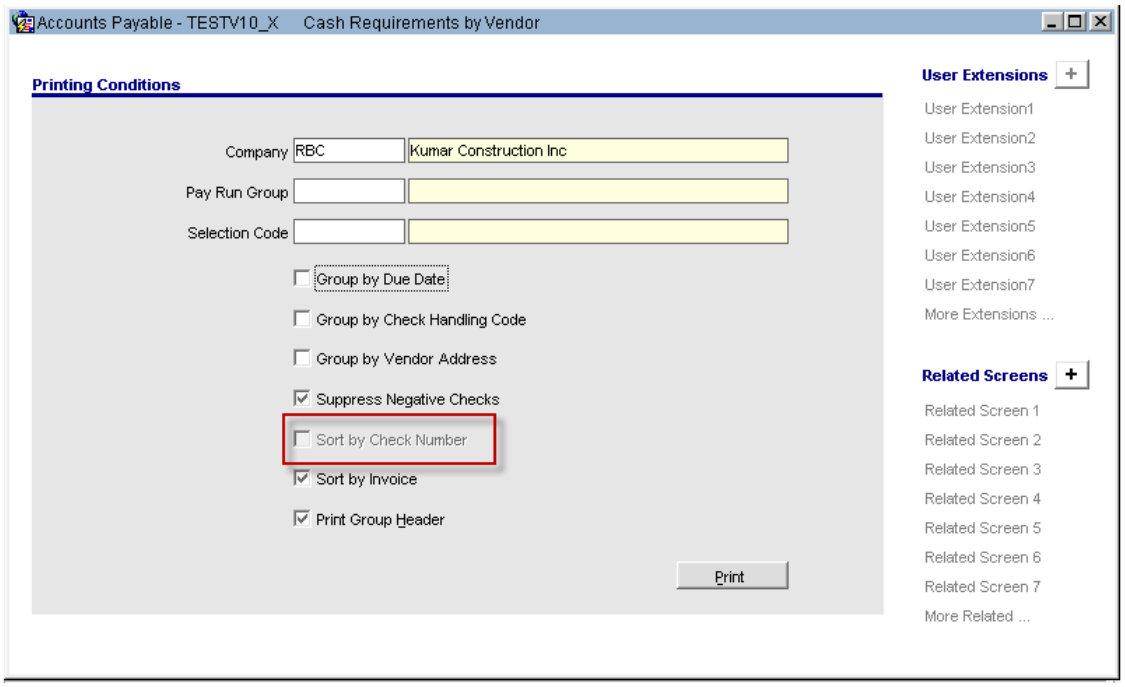
Field Description	*Positions*	*Length*	*Comments*
Record Type Code	01-01	1	Required: Constant '5'
Check Serial Number	02-11	10	Required: Numeric, Right justified, Zero filled
	12-13	2	Spaces
Amount	14-23	10	Required: Right justified, Zero filled $$$$$$$$CC
Issue Date	24-29	6	Required: Numeric, Zero filled MMDDYY
Account Number	30-39	10	Required: Numeric, Right justified, Zero Filled
Discretionary Data	40-54	15	Optional; Alphanumeric, Left justified, Space Filled
Void Indicator	55-55	1	'V' = Void, ' ' = normal
	56-80	25	Spaces

b) Positive Pay File Format with Voided checks:



Cash Requirement Report by Vendor (14.97647)

A flag is added to the 'Cash Requirement by Vendor Screen' to provide a functionality to print the report in the same order as checks are printed and appears on Accounts Payable Check Report.



Account Payable>Reports>Cash Requirement>By Vendor

Modification:

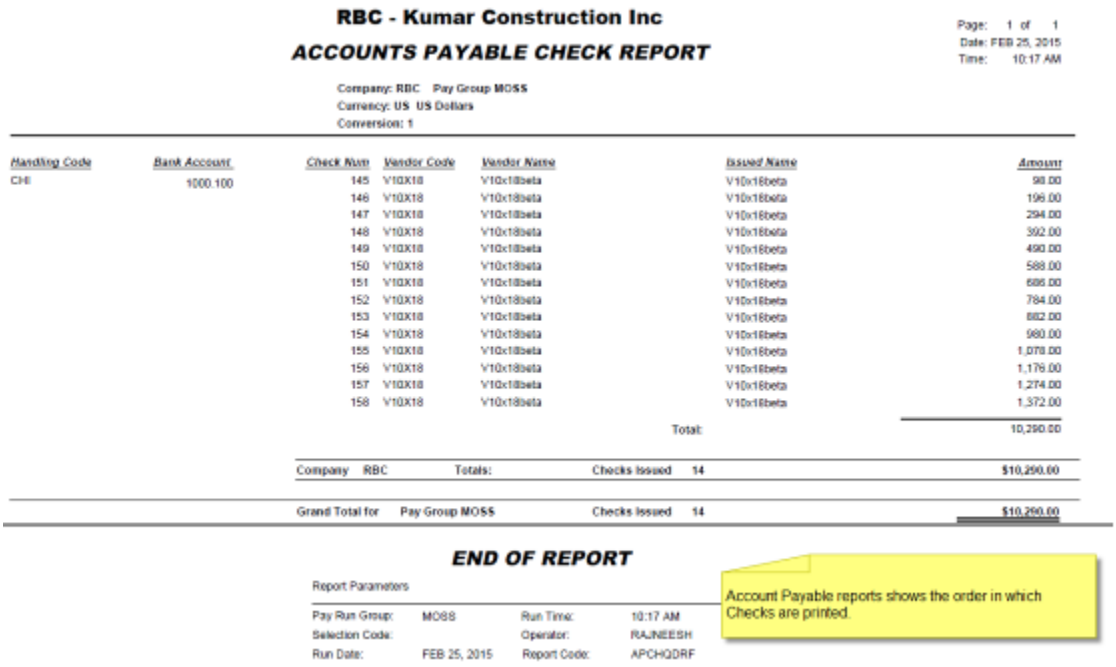
A flag 'Sort by Check Number' is added to Cash Requirement by Vendor parameter screen.

The flag is enabled only when checks are already prepared for a pay run group or pay selection code.

By default the flag is set (N), reports print invoices on the basis of name, which is existing functionality.

When set as 'Y', the report comes in the same order as it appears on AP check report.

For Example, the following screens show the report with/without setting the Flag "ON".



RBC - Kumar Construction Inc

ACCOUNTS PAYABLE CHECK REPORT

Page: 1 of 1
Date: FEB 25, 2015
Time: 10:17 AM

Company: RBC Pay Group MOSS
Currency: US US Dollars
Conversion: 1

Handling Code	Bank Account	Check Num	Vendor Code	Vendor Name	Issued Name	Amount
CHI	1000.100	145	V10X18	V10x18beta	V10x18beta	98.00
		146	V10X18	V10x18beta	V10x18beta	196.00
		147	V10X18	V10x18beta	V10x18beta	294.00
		148	V10X18	V10x18beta	V10x18beta	392.00
		149	V10X18	V10x18beta	V10x18beta	490.00
		150	V10X18	V10x18beta	V10x18beta	588.00
		151	V10X18	V10x18beta	V10x18beta	686.00
		152	V10X18	V10x18beta	V10x18beta	784.00
		153	V10X18	V10x18beta	V10x18beta	882.00
		154	V10X18	V10x18beta	V10x18beta	980.00
		155	V10X18	V10x18beta	V10x18beta	1,078.00
		156	V10X18	V10x18beta	V10x18beta	1,176.00
		157	V10X18	V10x18beta	V10x18beta	1,274.00
		158	V10X18	V10x18beta	V10x18beta	1,372.00
				Total:		10,290.00

Company RBC Totals: Checks Issued 14 $10,290.00

Grand Total for Pay Group MOSS Checks Issued 14 $10,290.00

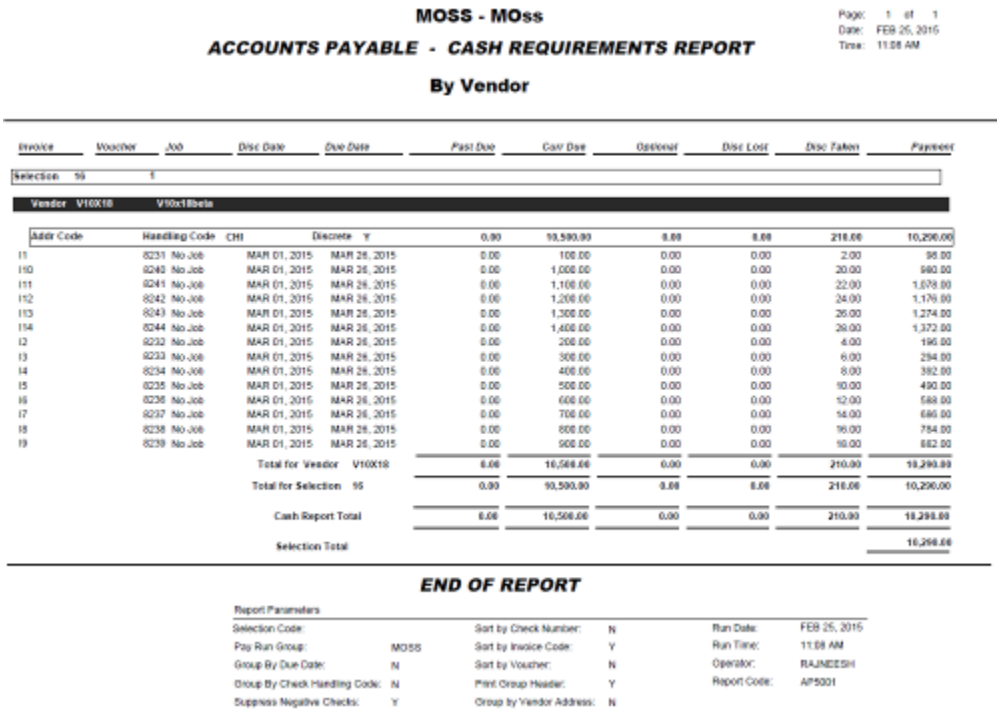
END OF REPORT

Report Parameters

Pay Run Group:	MOSS	Run Time:	10:17 AM
Selection Code:		Operator:	RAJNEESH
Run Date:	FEB 25, 2015	Report Code:	APCHQDRF

Account Payable reports shows the order in which Checks are printed.

Account Payable report showing the order in which checks are printed.



MOSS - MOss

ACCOUNTS PAYABLE - CASH REQUIREMENTS REPORT

By Vendor

Page: 1 of 1
Date: FEB 25, 2015
Time: 11:08 AM

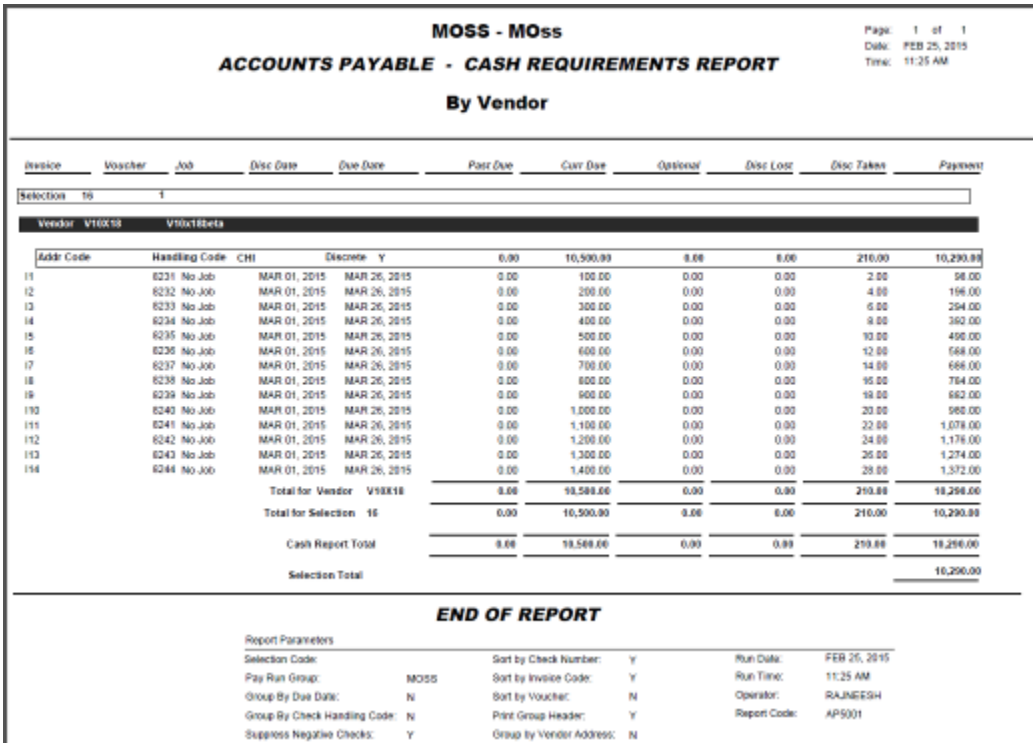
Invoice	Voucher	Job	Disc Date	Due Date	Past Due	Curr Due	Optional	Disc Lost	Disc Taken	Payment
Selection 55	1									
Vendor V10X18	V10x18beta									
Addr Code	Handling Code CHI		Discrete Y		0.00	10,500.00	0.00	0.00	210.00	10,290.00
I1	8231 No Job	MAR 01, 2015	MAR 26, 2015		0.00	100.00	0.00	0.00	2.00	98.00
I10	8240 No Job	MAR 01, 2015	MAR 26, 2015		0.00	1,000.00	0.00	0.00	20.00	980.00
I11	8241 No Job	MAR 01, 2015	MAR 26, 2015		0.00	1,100.00	0.00	0.00	22.00	1,078.00
I12	8242 No Job	MAR 01, 2015	MAR 26, 2015		0.00	1,200.00	0.00	0.00	24.00	1,176.00
I13	8243 No Job	MAR 01, 2015	MAR 26, 2015		0.00	1,300.00	0.00	0.00	26.00	1,274.00
I14	8244 No Job	MAR 01, 2015	MAR 26, 2015		0.00	1,400.00	0.00	0.00	28.00	1,372.00
I2	8232 No Job	MAR 01, 2015	MAR 26, 2015		0.00	200.00	0.00	0.00	4.00	196.00
I3	8233 No Job	MAR 01, 2015	MAR 26, 2015		0.00	300.00	0.00	0.00	6.00	294.00
I4	8234 No Job	MAR 01, 2015	MAR 26, 2015		0.00	400.00	0.00	0.00	8.00	392.00
I5	8235 No Job	MAR 01, 2015	MAR 26, 2015		0.00	500.00	0.00	0.00	10.00	490.00
I6	8236 No Job	MAR 01, 2015	MAR 26, 2015		0.00	600.00	0.00	0.00	12.00	588.00
I7	8237 No Job	MAR 01, 2015	MAR 26, 2015		0.00	700.00	0.00	0.00	14.00	686.00
I8	8238 No Job	MAR 01, 2015	MAR 26, 2015		0.00	800.00	0.00	0.00	16.00	784.00
I9	8239 No Job	MAR 01, 2015	MAR 26, 2015		0.00	900.00	0.00	0.00	18.00	882.00
	Total for Vendor V10X18				0.00	10,500.00	0.00	0.00	210.00	10,290.00
	Total for Selection 55				0.00	10,500.00	0.00	0.00	210.00	10,290.00
	Cash Report Total				0.00	10,500.00	0.00	0.00	210.00	10,290.00
	Selection Total									10,290.00

END OF REPORT

Report Parameters

Selection Code:		Sort by Check Number:	N	Run Date:	FEB 25, 2015
Pay Run Group:	MOSS	Sort by Invoice Code:	Y	Run Time:	11:08 AM
Group By Due Date:	N	Sort by Voucher:	N	Operator:	RAJNEESH
Group By Check Handling Code:	N	Print Group Header:	Y	Report Code:	AP500I
Suppress Negative Checks:	Y	Group by Vendor Address:	N		

Cash Requirement report by vendor when Flag is set to "N".



MOSS - MOss

ACCOUNTS PAYABLE - CASH REQUIREMENTS REPORT

By Vendor

Page: 1 of 1
Date: FEB 25, 2015
Time: 11:25 AM

Invoice	Voucher	Job	Disc Date	Due Date	Past Due	Curr Due	Optional	Disc Lost	Disc Taken	Payment
Selection 16 1										
Vendor V10X10 V10x10beta										
Addr Code	Handling Code	CHI		Discrete Y	0.00	10,500.00	0.00	0.00	210.00	10,290.00
I1	6231 No Job		MAR 01, 2015	MAR 26, 2015	0.00	100.00	0.00	0.00	2.00	98.00
I2	6232 No Job		MAR 01, 2015	MAR 26, 2015	0.00	200.00	0.00	0.00	4.00	196.00
I3	6233 No Job		MAR 01, 2015	MAR 26, 2015	0.00	300.00	0.00	0.00	6.00	294.00
I4	6234 No Job		MAR 01, 2015	MAR 26, 2015	0.00	400.00	0.00	0.00	8.00	392.00
I5	6235 No Job		MAR 01, 2015	MAR 26, 2015	0.00	500.00	0.00	0.00	10.00	490.00
I6	6236 No Job		MAR 01, 2015	MAR 26, 2015	0.00	600.00	0.00	0.00	12.00	588.00
I7	6237 No Job		MAR 01, 2015	MAR 26, 2015	0.00	700.00	0.00	0.00	14.00	686.00
I8	6238 No Job		MAR 01, 2015	MAR 26, 2015	0.00	800.00	0.00	0.00	16.00	784.00
I9	6239 No Job		MAR 01, 2015	MAR 26, 2015	0.00	900.00	0.00	0.00	18.00	882.00
I10	6240 No Job		MAR 01, 2015	MAR 26, 2015	0.00	1,000.00	0.00	0.00	20.00	980.00
I11	6241 No Job		MAR 01, 2015	MAR 26, 2015	0.00	1,100.00	0.00	0.00	22.00	1,078.00
I12	6242 No Job		MAR 01, 2015	MAR 26, 2015	0.00	1,200.00	0.00	0.00	24.00	1,176.00
I13	6243 No Job		MAR 01, 2015	MAR 26, 2015	0.00	1,300.00	0.00	0.00	26.00	1,274.00
I14	6244 No Job		MAR 01, 2015	MAR 26, 2015	0.00	1,400.00	0.00	0.00	28.00	1,372.00
			Total for Vendor V10X10		0.00	10,500.00	0.00	0.00	210.00	10,290.00
			Total for Selection 16		0.00	10,500.00	0.00	0.00	210.00	10,290.00
			Cash Report Total		0.00	10,500.00	0.00	0.00	210.00	10,290.00
			Selection Total							10,290.00

END OF REPORT

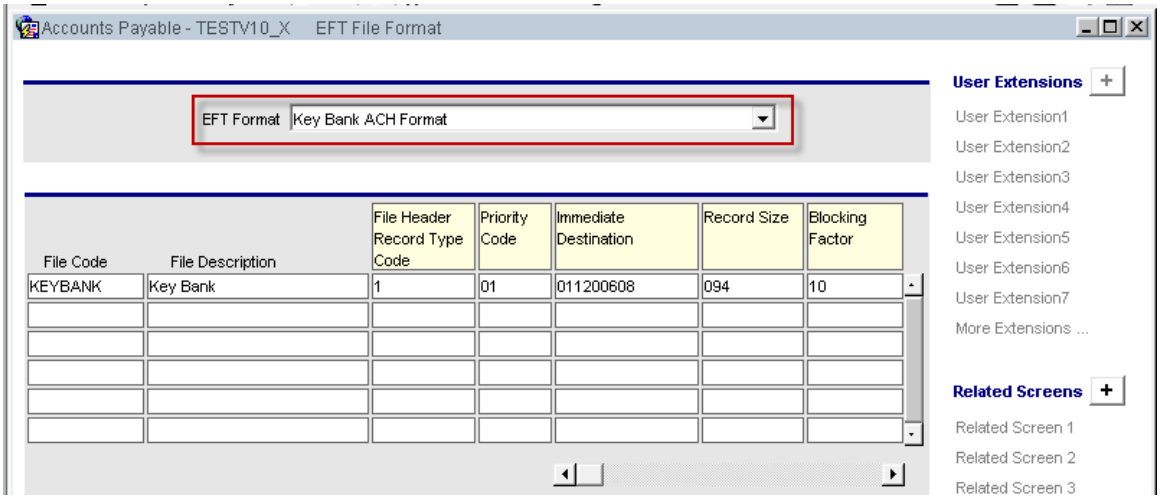
Report Parameters

Selection Code:		Sort by Check Number:	Y	Run Date:	FEB 25, 2015
Pay Run Group:	MOSS	Sort by Invoice Code:	Y	Run Time:	11:25 AM
Group By Due Date:	N	Sort by Voucher:	N	Operator:	RAJNEESH
Group By Check Handling Code:	N	Print Group Header:	Y	Report Code:	AP5001
Suppress Negative Checks:	Y	Group by Vendor Address:	N		

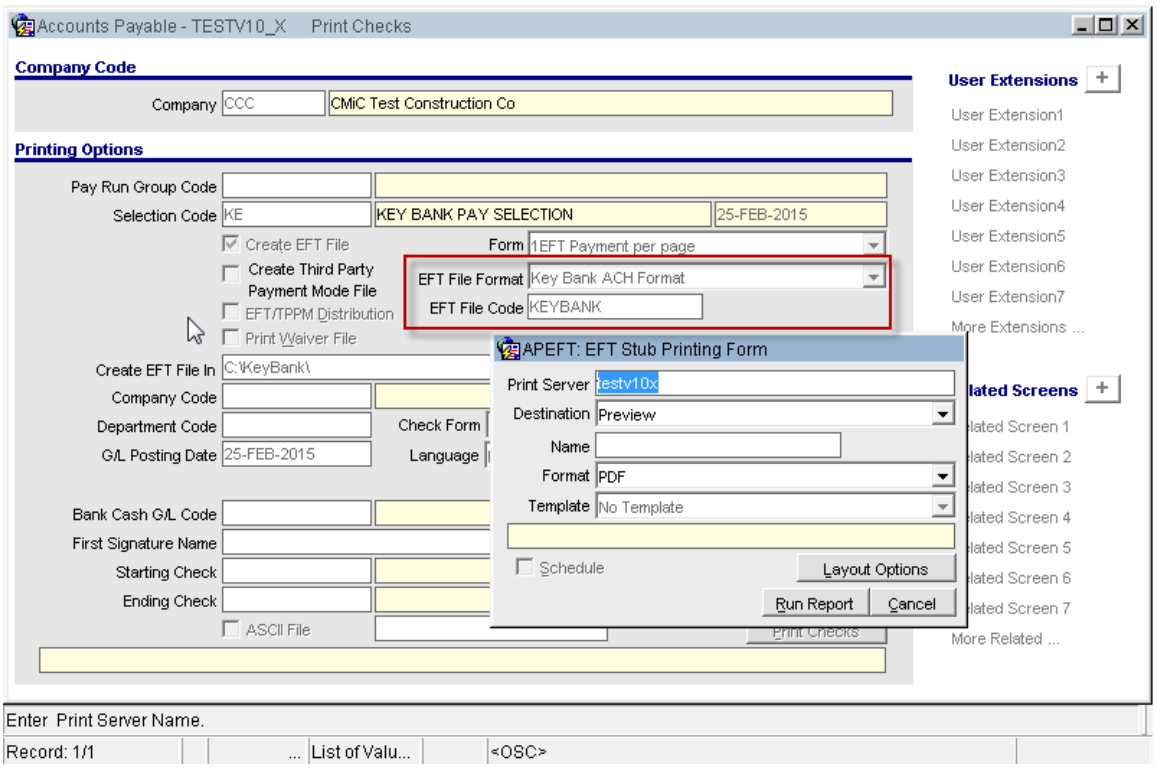
Cash Requirement report by vendor when Flag is set to "Y".

Key Bank EFT & Positive Pay File Formats (15.00931)

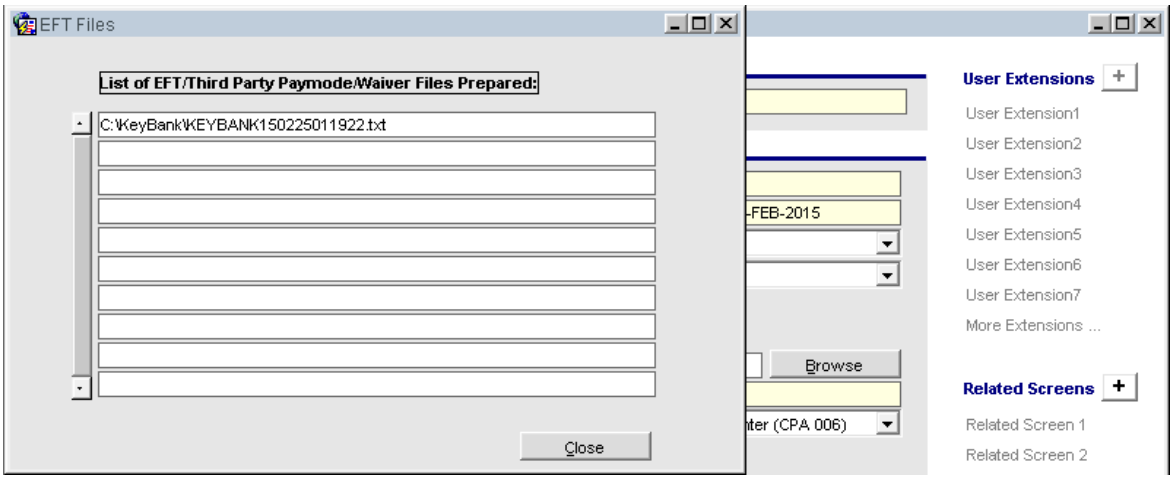
AP EFT File for Key Bank:

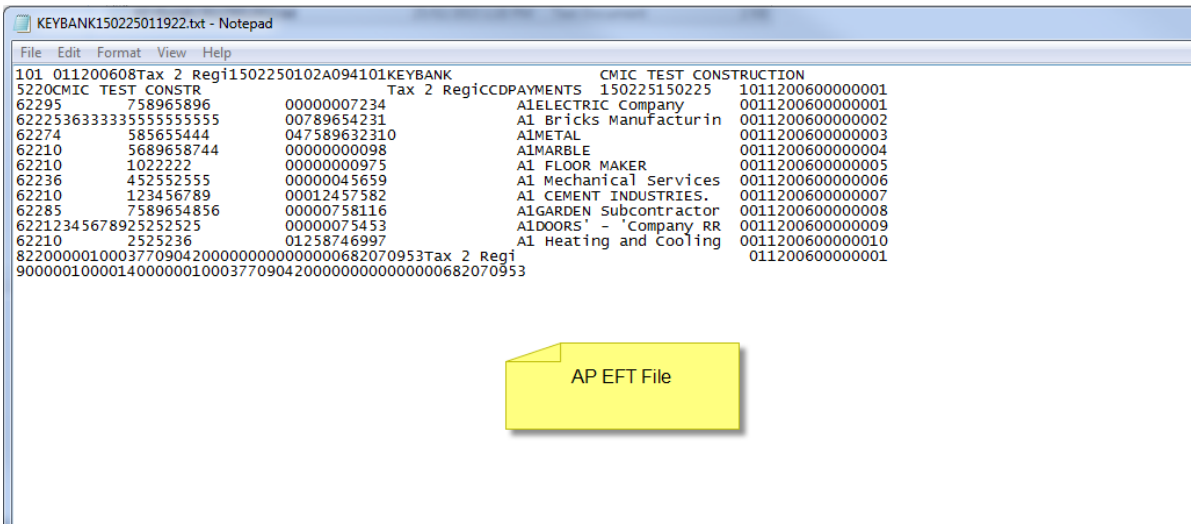


The EFT Format has an entry 'Key Bank ACH Format' and the values are pre-populated as required at present. Users may update the same when required.

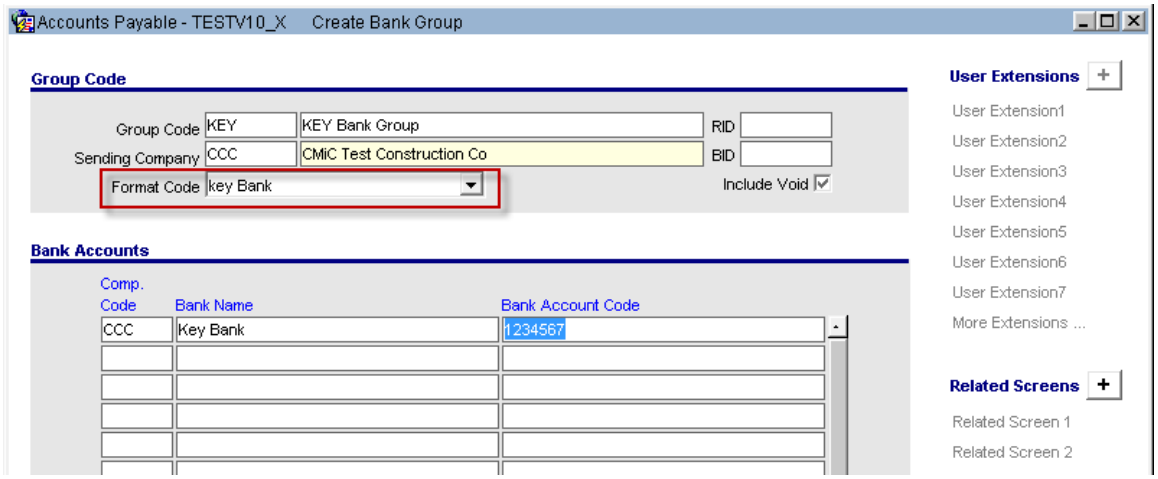


The 'Print Checks' program has the EFT File Format and EFT File Code and generates a file as shown.

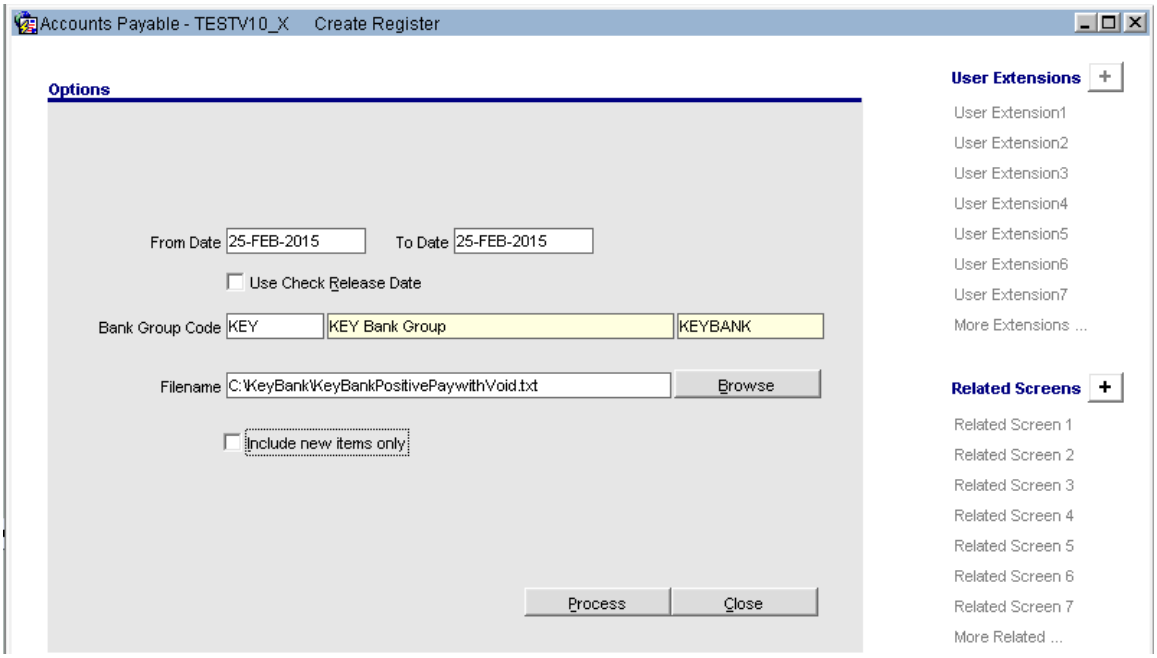




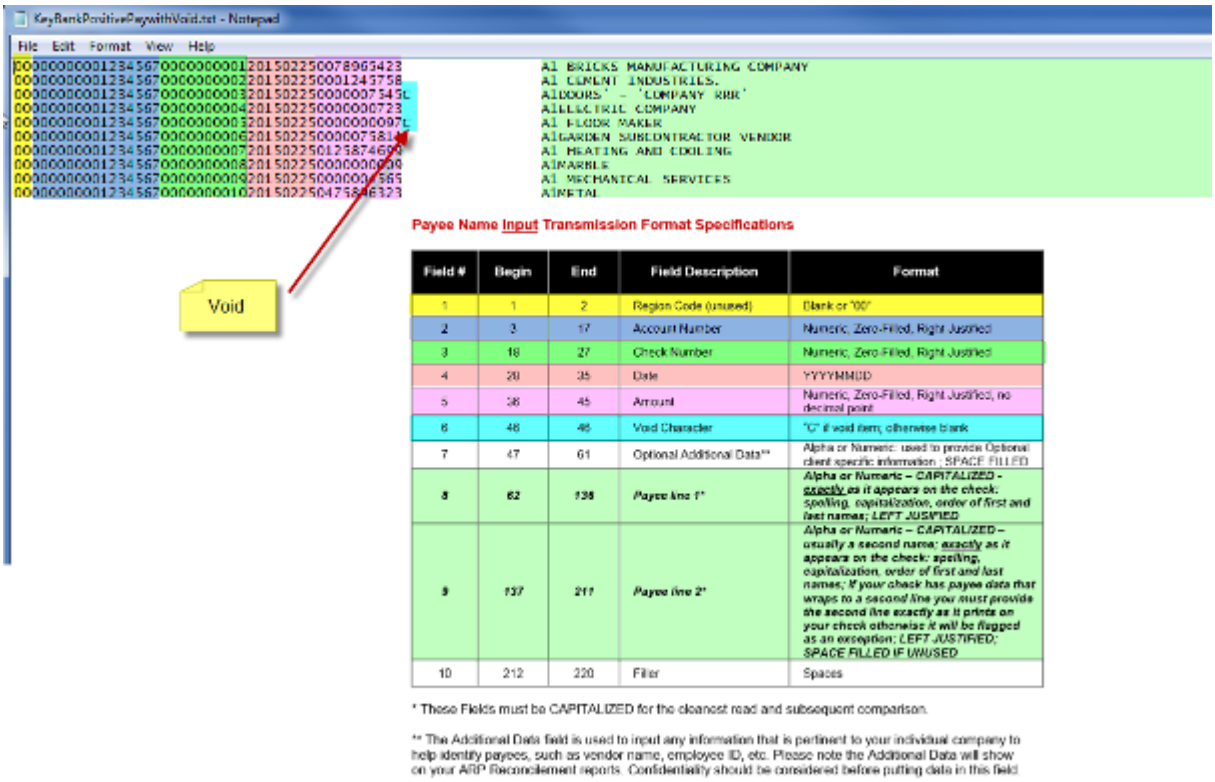
AP Positive Pay File:



Create a Bank Group with Format Code 'Key Bank' and assign the Company Code and Key Bank Account as shown.



Create Register for the specific Key Bank Group and provide the file name and path as shown.

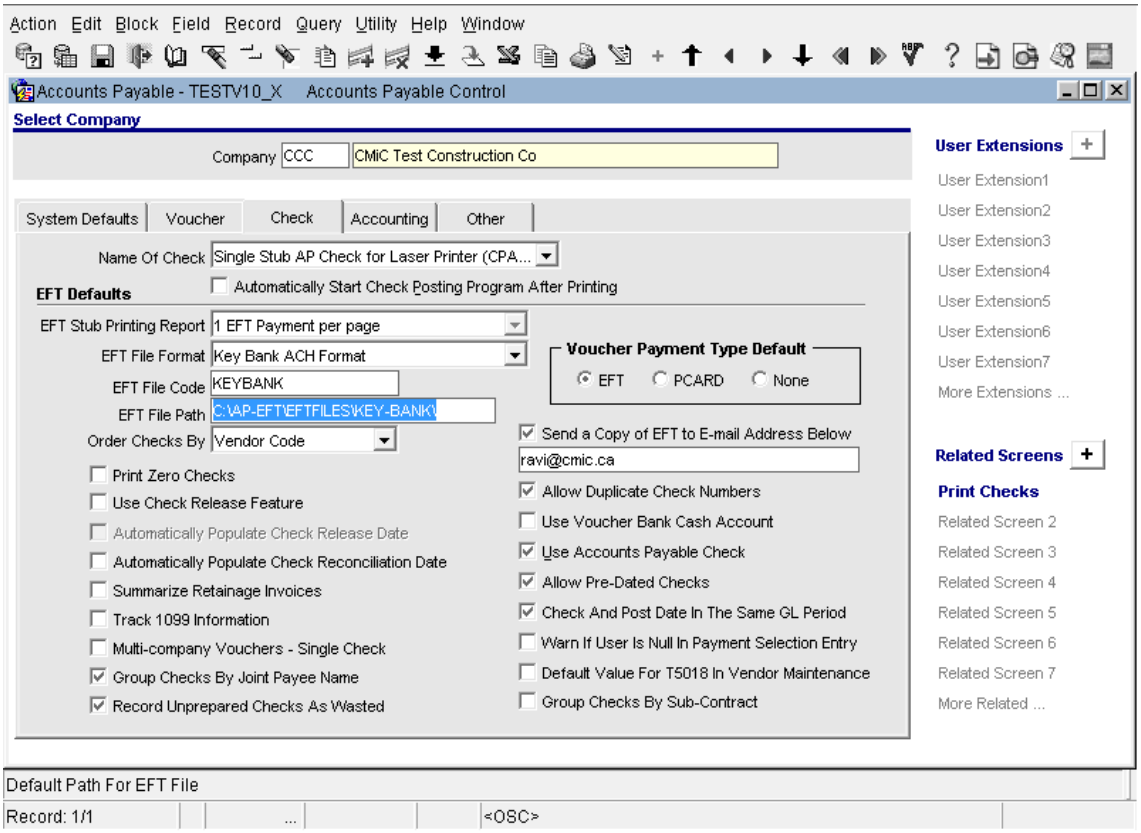


Field #	Begin	End	Field Description	Format
1	1	2	Region Code (unused)	Blank or "00"
2	3	17	Account Number	Numeric, Zero-Filled, Right Justified
3	18	27	Check Number	Numeric, Zero-Filled, Right Justified
4	28	35	Date	YYYYMMDD
5	36	45	Amount	Numeric, Zero-Filled, Right Justified, no decimal point
6	46	46	Void Character	"C" if void item, otherwise blank
7	47	61	Optional Additional Data**	Alpha or Numeric: used to provide Optional client specific information ; SPACE FILLED
8	62	136	*Payee line 1**	*Alpha or Numeric – CAPITALIZED - exactly as it appears on the check: spelling, capitalization, order of first and last names; LEFT JUSTIFIED*
9	137	211	*Payee line 2**	*Alpha or Numeric – CAPITALIZED – usually a second name; exactly as it appears on the check: spelling, capitalization, order of first and last names; If your check has payee data that wraps to a second line you must provide the second line exactly as it prints on your check otherwise it will be flagged as an exception; LEFT JUSTIFIED; SPACE FILLED IF UNUSED*
10	212	220	Filler	Spaces

* These Fields must be CAPITALIZED for the cleanest read and subsequent comparison.

** The Additional Data field is used to input any information that is pertinent to your individual company to help identify payees, such as vendor name, employee ID, etc. Please note the Additional Data will show on your ARP Reconcilement reports. Confidentiality should be considered before putting data in this field.

AP Control - Default File Path for EFT (14.95220)

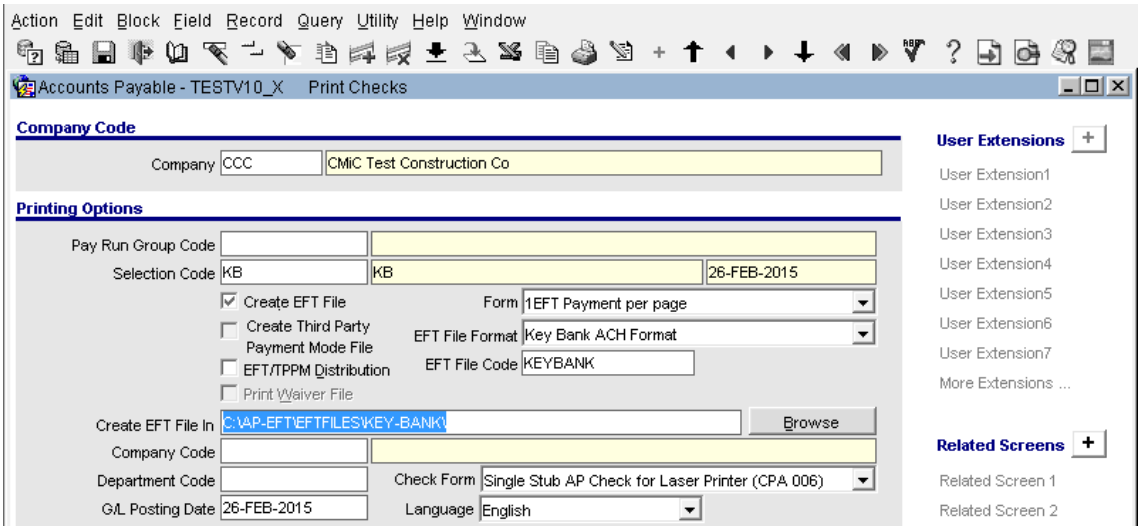


AP Control File > Check Tab

The 'EFT File Path' field is added to the 'Check' tab of AP Company Control Form.

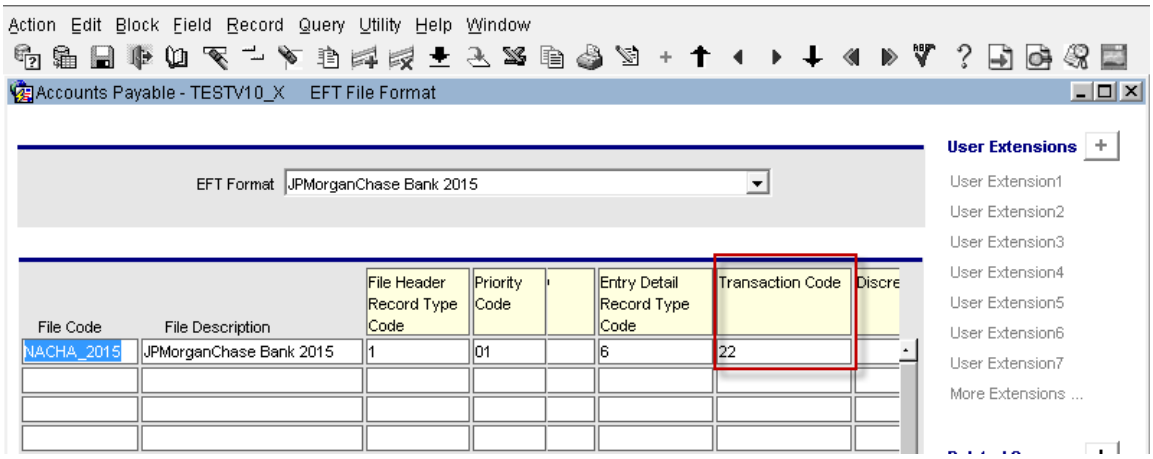
Users may enter a default file path as required by each company. The field may also be left as null.

During Check printing, when users select the 'EFT' flag, the EFT related information is defaulted from the company control file. The value for the file path is also defaulted as shown below.



JP Morgan Chase Bank 2015 - EFT Format (15.01637)

An EFT File Format 'JP Morgan Chase Bank 2015' created to use Vendor Accounts > Suffix field to accommodate new requirement for transaction codes 22 or 32 to reflect different types of accounts vendor may be using.

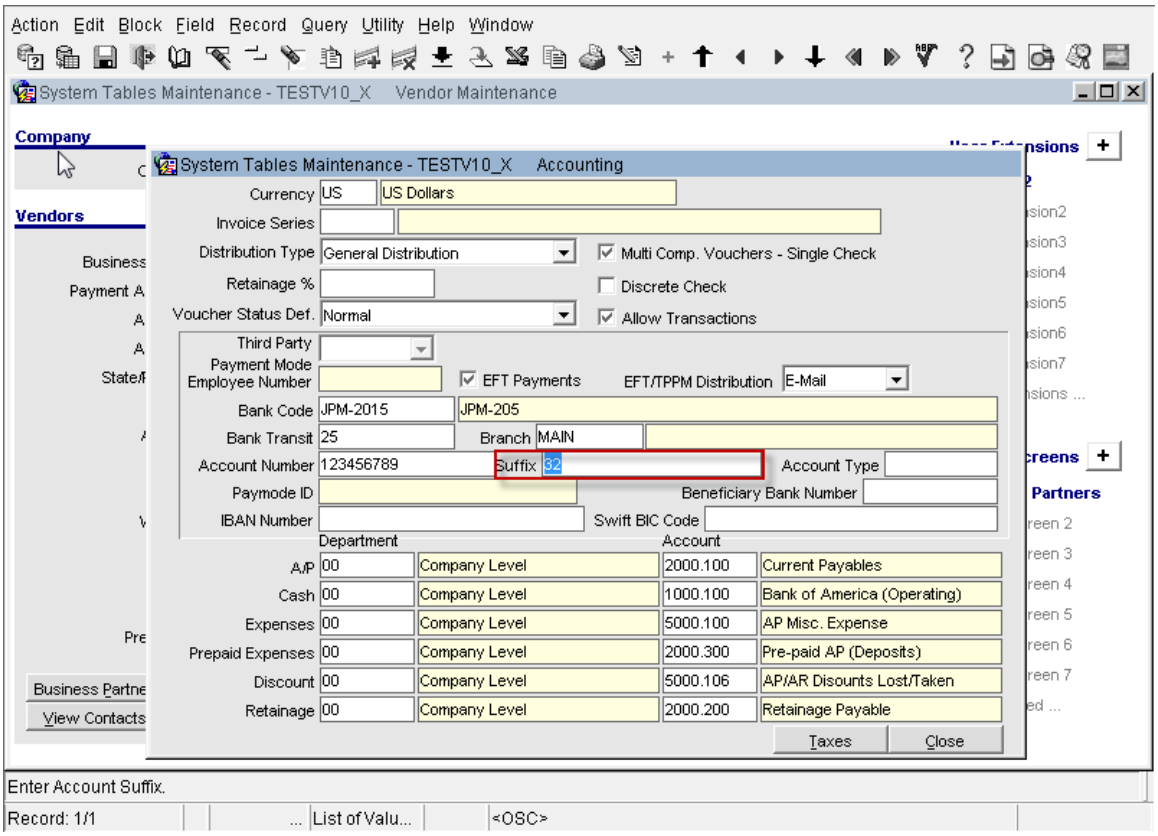


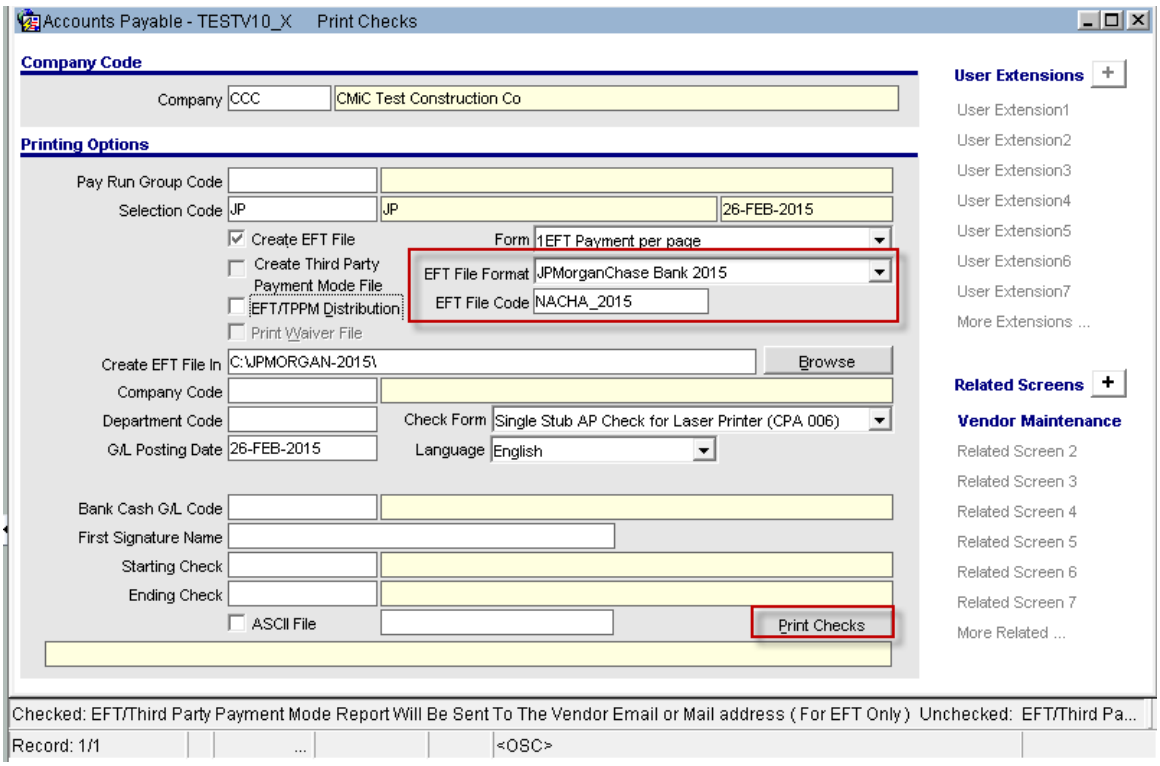
EFT File format

The EFT File Format 'JPMorganChase Bank 2015' is created and a File Code NACHA_2015 is inserted with pre-defined values. The default value for transaction Code may be set as either 22 or 32, depending upon the vendor account type they will be using mostly..

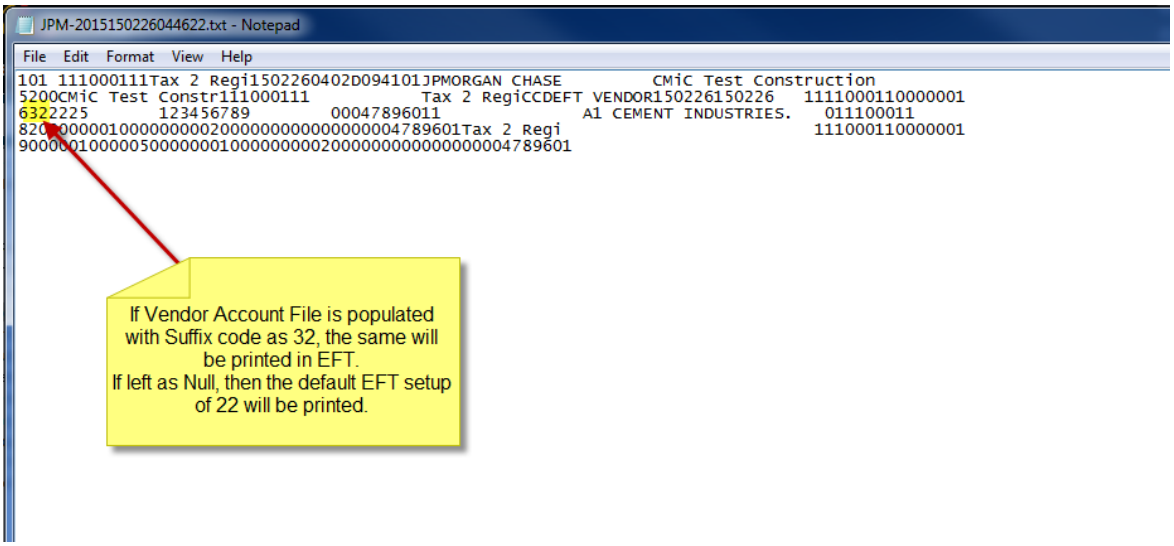
In vendor maintenance, the suffix code field may be populated by users to reflect whether the account type is 22 or 32 for payment purposes.

During check printing the EFT file generation program would look for the Vendor Account Suffix field value and use the same. If not found, then the EFT Format code default value will be used.





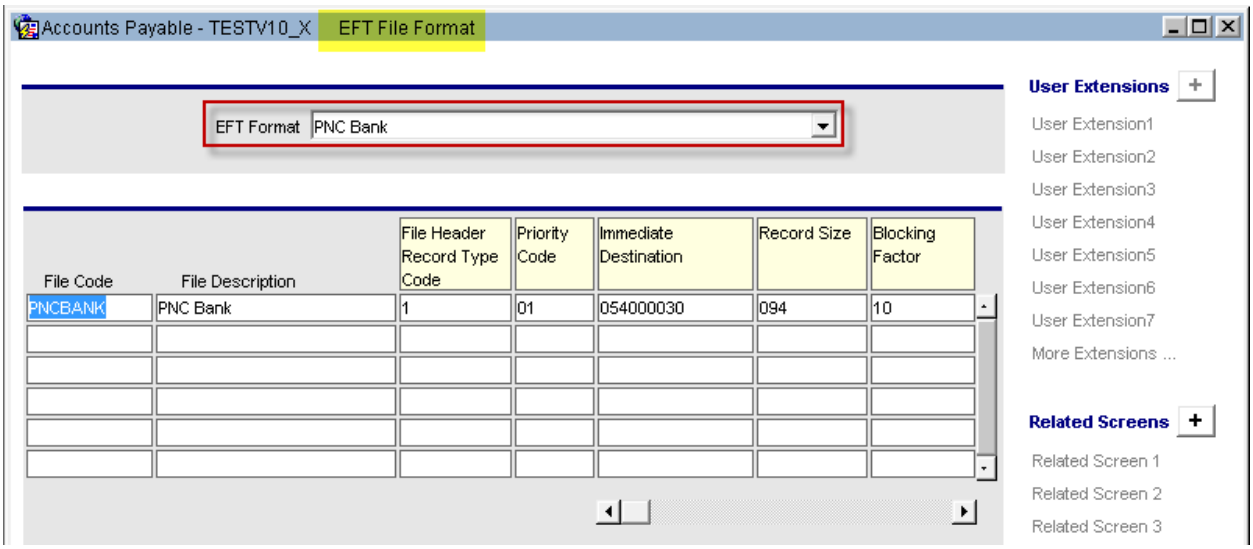
In this example, the Vendor Account File is populated with Suffix code as 32 and hence the detail record second and third numbers are printed as 32(shown below).



EFT File Format for PNC Bank (15.01585)

EFT File format for PNC Bank is added to the Accounts Payable application

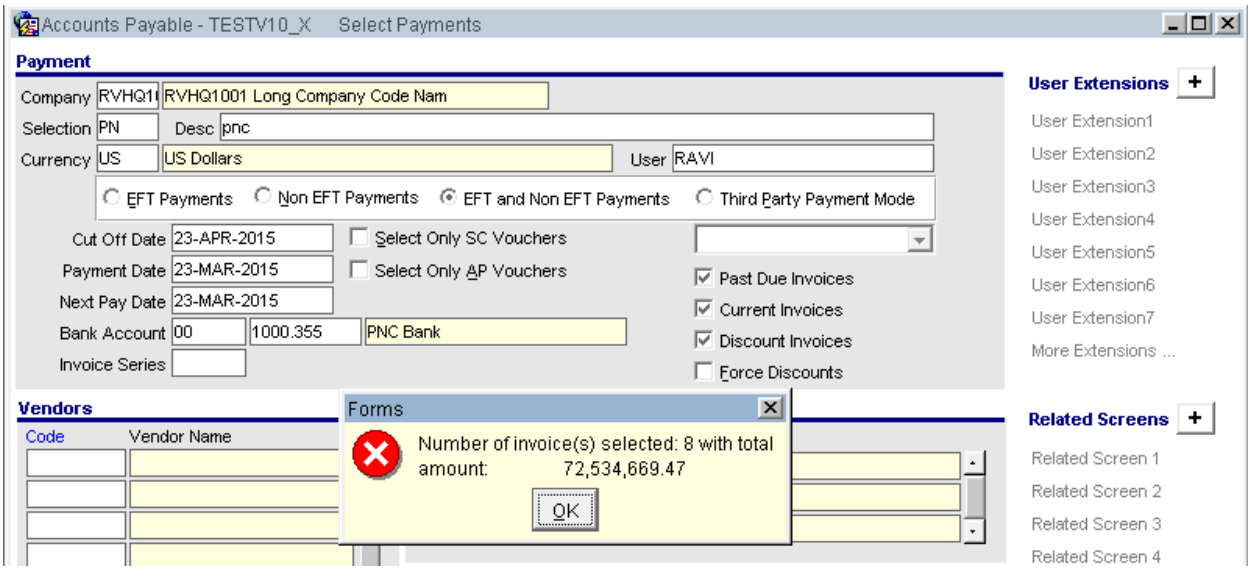
Modifications



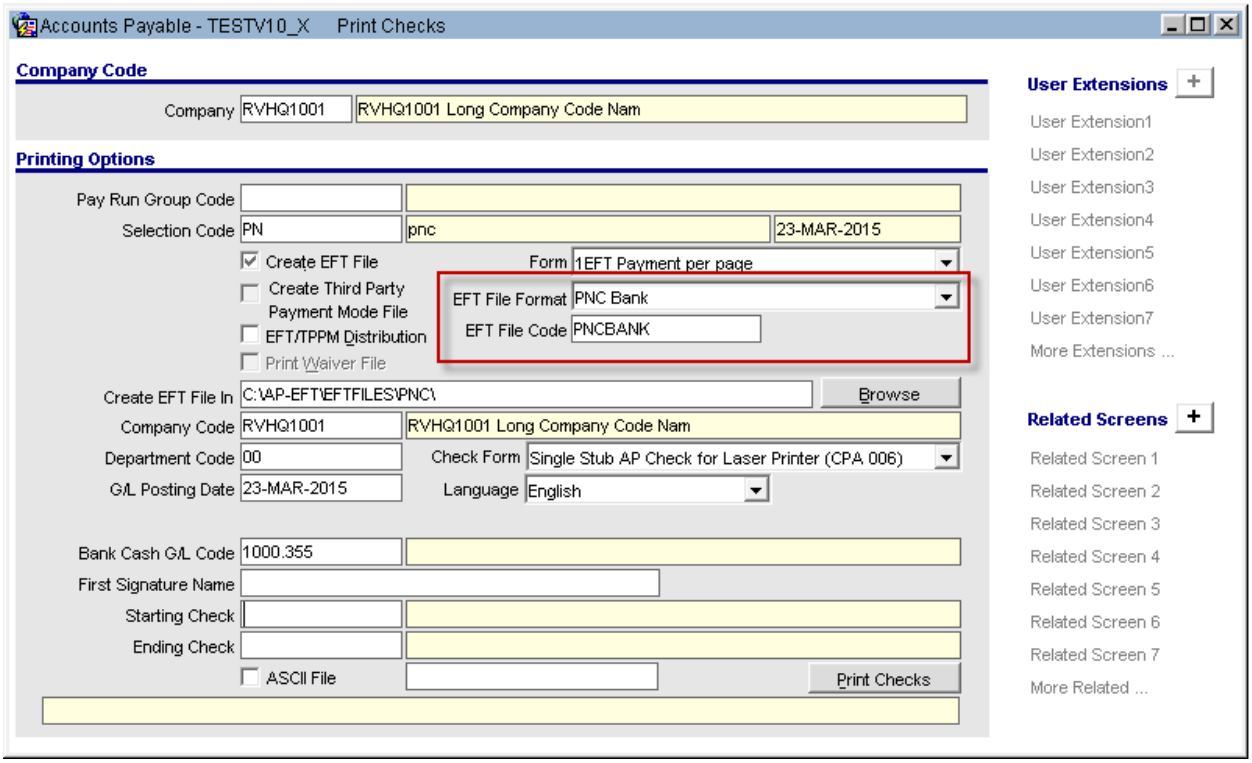
AP > Local Tables > EFT File Format

The EFT File Format maintenance screen has the entry PNC Bank and the default File code 'PNCBANK' is created by CMiC. Users may adjust the values as required.

The following example shows the generation of the EFT file for PNC Bank.

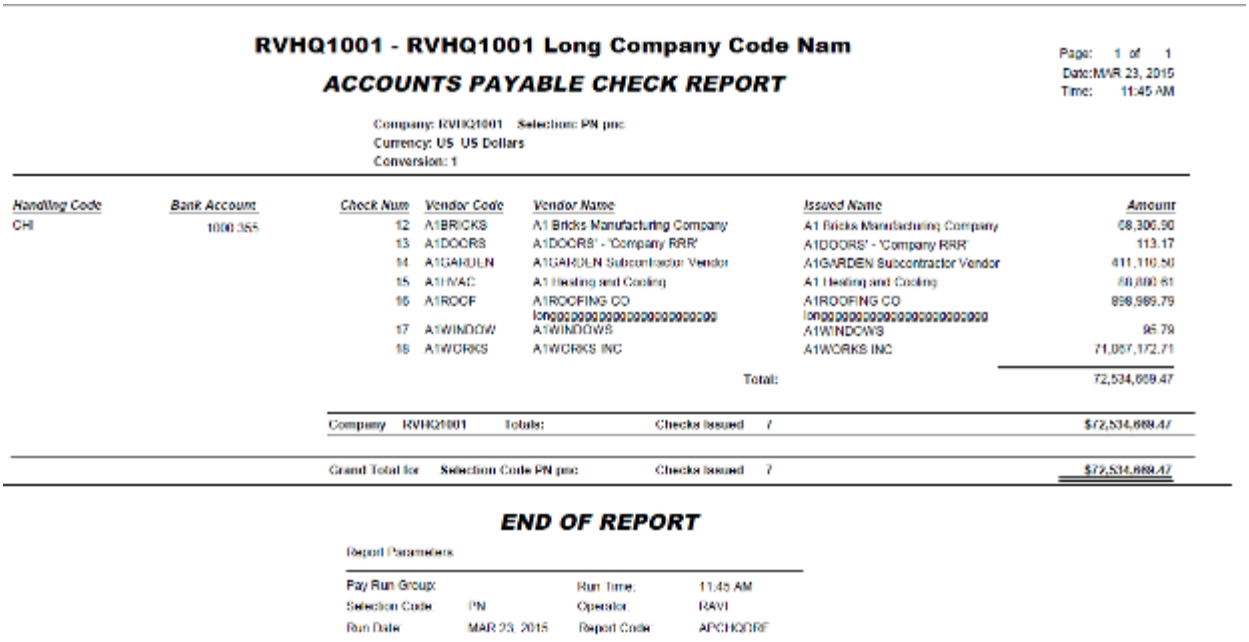


AP > Payment / Select Payment



AP > Check > Print Check > Print Checks

The Check Printing program has the EFT File Format PNC Bank and the associated File code 'PNCBANK'.



RVHQ1001 - RVHQ1001 Long Company Code Nam

ACCOUNTS PAYABLE CHECK REPORT

Page: 1 of 1
Date: MAR 23, 2015
Time: 11:45 AM

Company: RVHQ1001 Selection: PN pnc
Currency: US US Dollars
Conversion: 1

Handling Code	Bank Account	Check Num	Vendor Code	Vendor Name	Issued Name	Amount
CHI	1000 355	12	A1BRICKS	A1 Bricks Manufacturing Company	A1 Bricks Manufacturing Company	68,306.90
		13	A1DOORS	A1DOORS' - 'Company RRR'	A1DOORS' - 'Company RRR'	113.17
		14	A1GARDLN	A1GARDLN Subcontractor Vendor	A1GARDEN Subcontractor Vendor	411,110.50
		15	A1HVAC	A1 Heating and Cooling	A1 Heating and Cooling	60,000.61
		16	A1ROOF	A1ROOFING CO long000000000000000000000	A1ROOFING CO long000000000000000000000	896,989.79
		17	A1WINDOW	A1WINDOWS	A1WINDOWS	95.79
		18	A1WORKS	A1WORKS INC	A1WORKS INC	71,057,172.71
					Total:	72,534,669.47

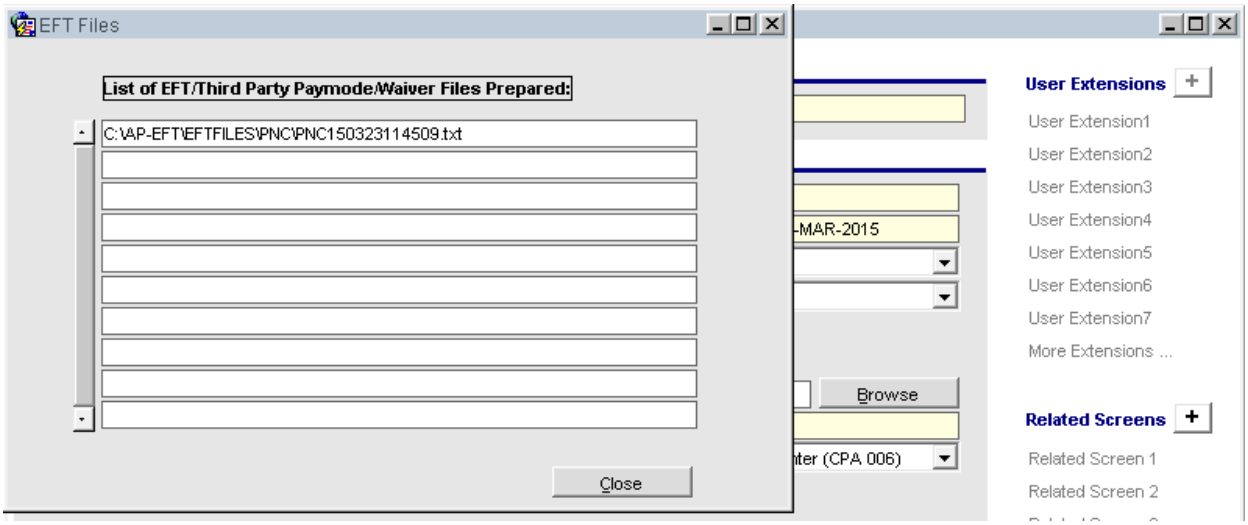
Company	RVHQ1001	Totals:	Checks Issued	7	$72,534,669.47
Grand Total for	Selection Code PN pnc		Checks Issued	7	$72,534,669.47

END OF REPORT

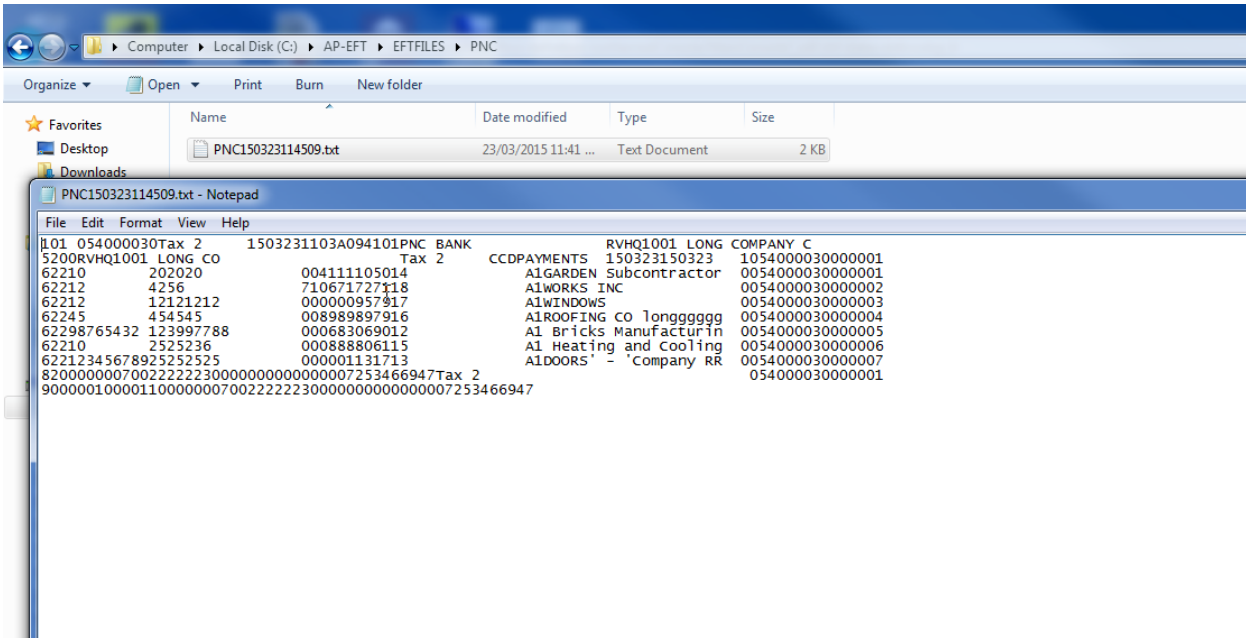
Report Parameters

Pay Run Group:		Run Time:	11:45 AM
Selection Code:	PN	Operator:	RAVI
Run Date:	MAR 23, 2015	Report Code:	APCHQDRF

Checks & drafts Report



The ASCII file created by CMiC



Specifications

The following are the specifications provided by the PNC Bank.

FILE HEADER RECORD

Field	1	2	3	4	5	6	7	8	9	10	11	12	13
Data Element Name	Record Type Code	Priority Code	Immediate Destination	Immediate Origin	File Create or Transmission Date	File Create or Transmission Time	File ID Modifier	Record Size	Blocking Factor	Format Code	Immediate Destination Name	Immediate Origin Name	Reference Code
Field Inclusion Requirement	M	R	M	M	M	M	M	M	M	M	M	M	M
Contents	'1'	Numeric	b TTTTAAAAC	b or 1 + tax ID	YYMMDD	HHMM	UPPER CASE A-Z, NUMERIC 0-9	'094'	'10'	'1'	Alphameric	Alphameric	Alphameric
Length	1	2	10	10	6	4	1	3	2	1	23	23	8
Position	01-01	02-03	04-13	14-23	24-29	30-33	34-34	35-37	38-39	40-40	41-63	64-86	87-94

COMPANY/BATCH HEADER RECORD

Field	1	2	3	4	5	6	7	8	9	10	11	12	13
Data Element Name	Record Type Code	Service Class Code	Company Name	Company Discretionary Data	Company ID	Standard Entry Class Code	Company Entry Description	Company Descriptive Date	Effective Entry Date	Settlement Date (Julian)	Originator Status Code	Originating DFI ID	Batch Number
Field Inclusion Requirement	M	M	M	O	M	M	M	O	R	Inserted by ACH Operator	M	M	M
Contents	'5'	Numeric	Alphameric	Alphameric	Alphameric	Alphameric	Alphameric	Alphameric	YYMMDD	Numeric	Alphameric	TTTTAAAA	Numeric
Length	1	3	16	20	10	3	10	6	6	3	1	8	7
Position	01-01	02-04	05-20	21-40	41-50	51-53	54-63	64-69	70-75	76-78	79-79	80-87	88-94

ENTRY DETAIL RECORD

Field	1	2	3	4	5	6	7	8	9	10	11
Data Element Name	Record Type Code	Transaction Code	Receiving DFI Identification (PNC performs a mod 10 check on TR nbrs.)	Check Digit	DFI Account Number	Amount	Individual Identification Number	Individual Name/ Receiving Company Name	Discretionary Data	Addenda Record Indicator	Trace Number
Field Inclusion Req.	M	M	M	M	R	M	O	R	O	M	M
Contents	'6'	Numeric	TTTTAAAA	Numeric	Alphameric	$$$$$$$$cc	Alphameric	Alphameric	Alphameric	Numeric	Numeric
Length	1	2	8	1	17	10	15	22	2	1	15
Position	01-01	02-03	04-11	12-12	13-29	30-39	40-54	55-76	77-78	79-79	80-94

COMPANY/BATCH CONTROL RECORD

Field	1	2	3	4	5	6	7	8	9	10	11
Field Name	Record Type Code	Service Class Code	Entry Addenda Count	Entry Hash	Total Debit Entry Dollar Amount	Total Credit Entry Dollar Amount	Company Identification	Message Authentication Code	Reserved	Originating DFI Identification	Batch Number
Field Inclusion Requirement	M	M	M	M	M	M	M	O	N/A	M	M
Contents	'8'	Numeric	Numeric	Numeric	$$$$$$$$$cc	$$$$$$$$$cc	Alphameric	Blank	Blank	TTTTAAAA	Numeric
Length	1	3	6	10	12	12	10	19	6	8	7
Position	01-01	02-04	05-10	11-20	21-32	33-44	45-54	55-73	74-79	80-87	88-94

FILE CONTROL RECORD

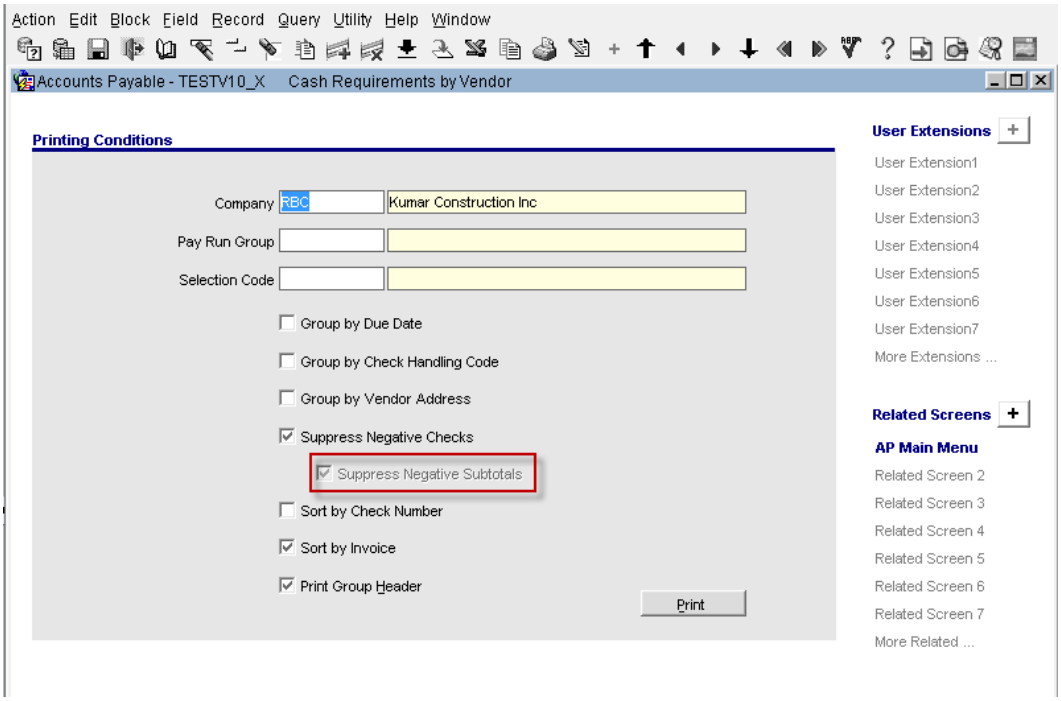
Field	1	2	3	4	5	6	7	9
Field Name	Record Type Code	Batch Count	Block Count	Entry/ Addenda Count	Entry Hash	Total Debit Entry Dollar Amount in File	Total Credit Entry Dollar Amount in File	Reserved
Field Inclusion Requirement	M	M	M	M	M	M	M	N/A
Contents	'9'	Numeric	Numeric	Numeric	Numeric	$$$$$$$$$cc	$$$$$$$$$cc	Blank
Length	1	6	6	8	10	12	12	39
Position	01-01	02-07	08-13	14-21	22-31	32-43	44-55	56-94

NOTE: THIS MODIFICATION IS ALSO APPLICABLE TO ADF VERSION AS WELL.

Cash Requirement Report Changed (15.03009)

New Flag ‘Suppress Negative Subtotals’ added to prevent negative subtotals.

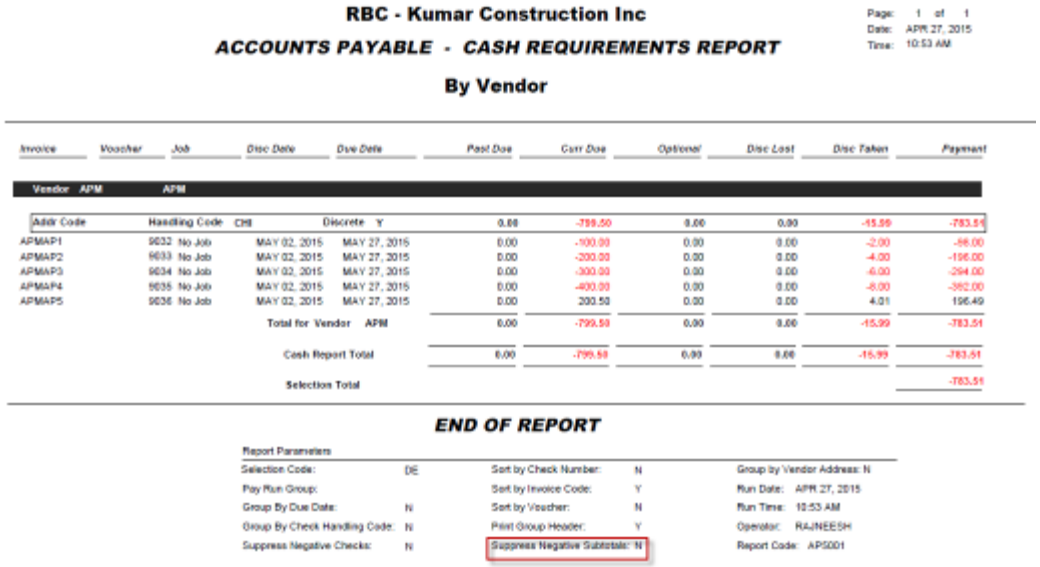
Modifications



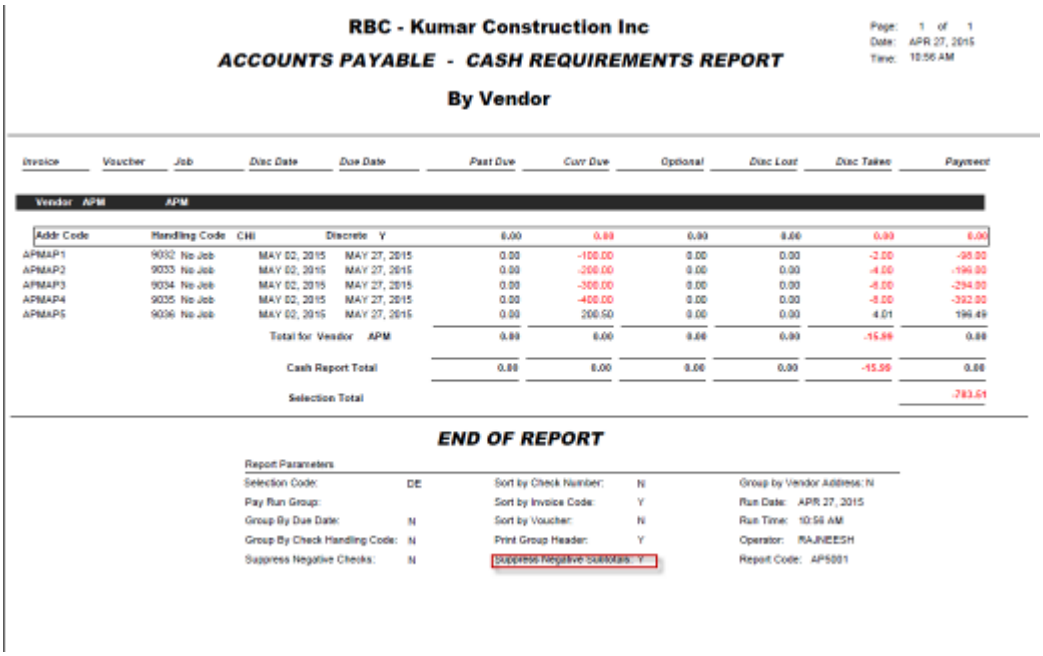
AP > Reports > Cash Requirement Report by vendor

A flag 'Suppress Negative Subtotals' with default value Y is added to Cash Requirement by Vendor parameter screen.

If unchecked (N) - report will show negative subtotals and will include them in totals as shown below.



If flag is set as Y, negative subtotals will be suppressed as shown in report below.



RBC - Kumar Construction Inc

ACCOUNTS PAYABLE - CASH REQUIREMENTS REPORT

By Vendor

Page: 1 of 1
Date: APR 27, 2015
Time: 10:56 AM

Invoice	Voucher	Job	Disc Date	Due Date	Past Due	Curr Due	Optional	Disc Lost	Disc Taken	Payment
Vendor APM			APM							
Addr Code	Handling Code	Chk		Discrete Y	0.00	0.00	0.00	0.00	0.00	0.00
APMAP1	9032 No Job		MAY 02, 2015	MAY 27, 2015	0.00	-100.00	0.00	0.00	-2.00	-98.00
APMAP2	9033 No Job		MAY 02, 2015	MAY 27, 2015	0.00	-200.00	0.00	0.00	-4.00	-196.00
APMAP3	9034 No Job		MAY 02, 2015	MAY 27, 2015	0.00	-300.00	0.00	0.00	-6.00	-294.00
APMAP4	9035 No Job		MAY 02, 2015	MAY 27, 2015	0.00	-400.00	0.00	0.00	-8.00	-392.00
APMAP5	9036 No Job		MAY 02, 2015	MAY 27, 2015	0.00	200.50	0.00	0.00	4.01	196.49
			Total for Vendor APM		0.00	0.00	0.00	0.00	-15.99	0.00
			Cash Report Total		0.00	0.00	0.00	0.00	-15.99	0.00
			Selection Total							-783.51

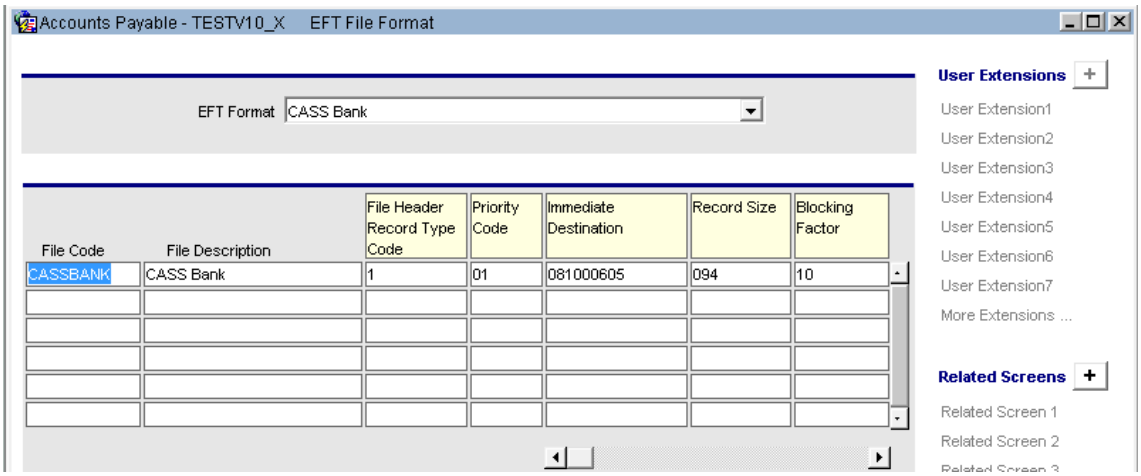
END OF REPORT

Report Parameters

Selection Code:	DE	Sort by Check Number:	N	Group by Vendor Address:	N
Pay Run Group:		Sort by Invoice Code:	Y	Run Date:	APR 27, 2015
Group By Due Date:	N	Sort by Voucher:	N	Run Time:	10:56 AM
Group By Check Handling Code:	N	Print Group Header:	Y	Operator:	RAJNEESH
Suppress Negative Checks:	N	Suppress Negative Summaries:	Y	Report Code:	APS001

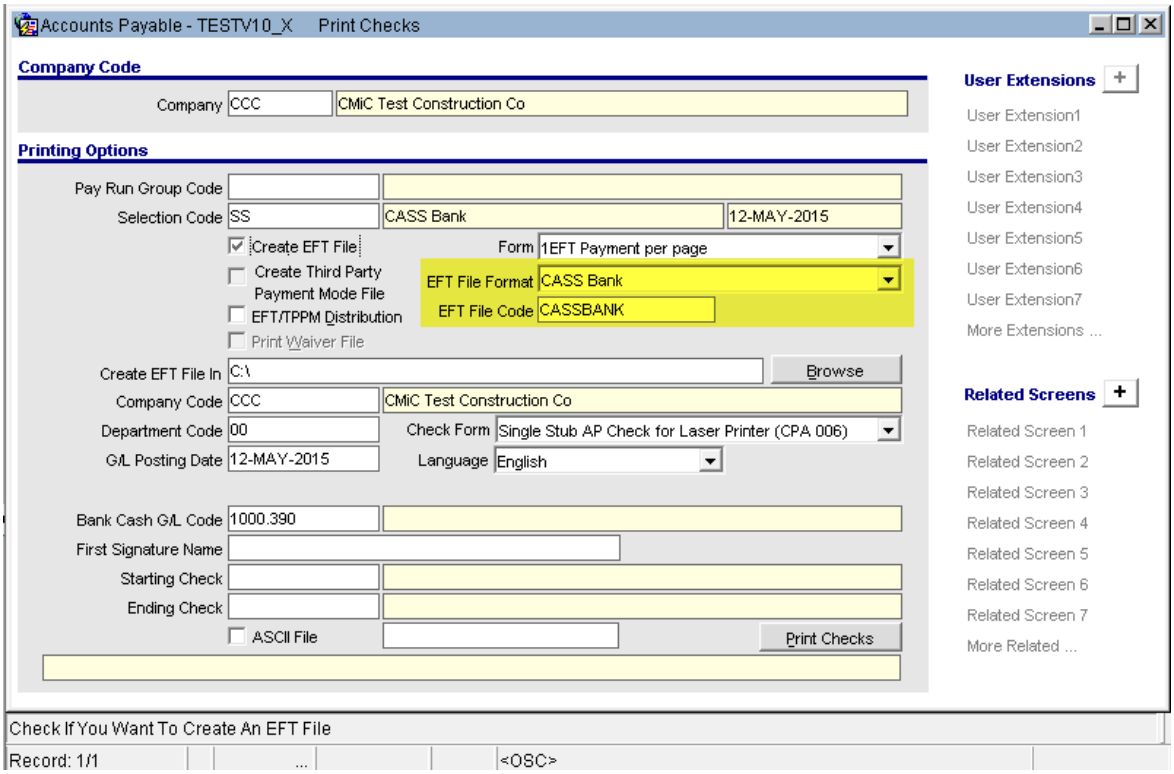
EFT File Format for CASS Bank (15.02992)

Add CASS Bank EFT File format as per NACHA specific ations.



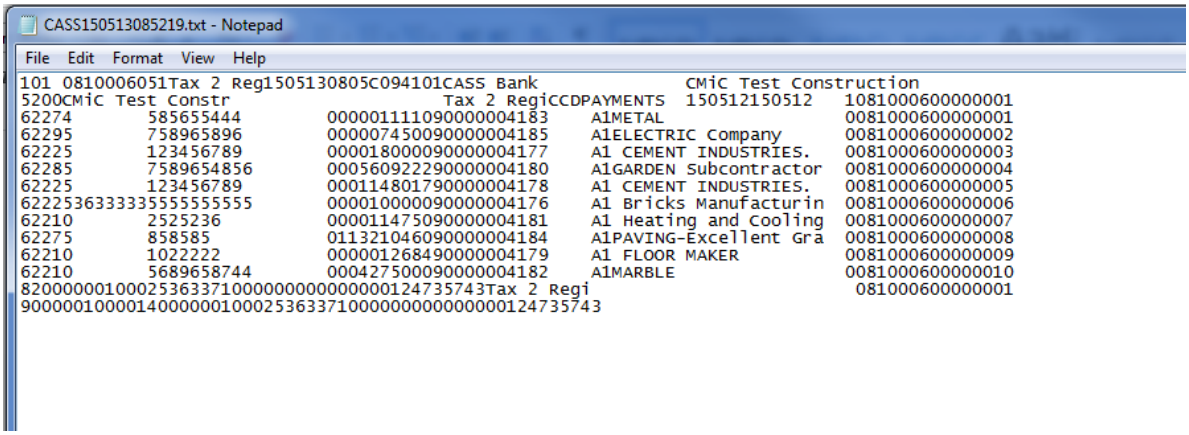
AP>Local Tables>EFT Set Up

The EFT Setup form in AP has an entry for CASS Bank and a File Code is inserted with specific values as required by the customer. This may be overridden as required by the clients, if need be.



AP > Checks >Print Checks

Users may select the EFT option and the EFT File format for CASS Bank to produce the required ASCII file.



ACH Input File Structure used for CASS Bank format

The NACHA format is composed of 94 character records. All records and fields are required, except the record 7 - Entry Detail Addenda Record that is optional.

No.	Record Title	Record Type Code
1	File Header Record - This record includes your company name and company number. It also designates the immediate destination of the entries contained within the file.	1
2	Batch Header Record - This record indicates the effective entry date (the date you request the deposits/debits to be settled). In addition, this record identifies your company and provides an entry description for the credit and debits in this batch.	5
3	Entry Detail Record - This record contains the information necessary to post a deposit to/withdrawal from an account, such as recipient's name, account number, dollar amount of the payment.	6
4	Entry Detail Addenda Record - This record is *optional*. This record contains additional information relating to the prior entry detail record. It is primarily used for CCD+ and CTX, which are corporate to corporate transactions.	7
5	Batch Control Total - This record appears at the end of each batch and contains totals for the batch.	8
6	File Control Record - This record provides a final check on the data submitted. It contains block and batch count(s) and totals for each type of entry.	9

File Header Record

Field	1	2	3	4	5	6	7	8	9	10	11	12	13
Data Element Name	Record Type Code	Priority Code	Immediate Destination	Immediate Origin	File Creation Date	File Creation Time	File ID Modifier	Record Size	Blocking Factor	Format Code	Immediate Destination Name	Immediate Origin Name	Reference Code
Field Inclusion Requirement	M	R	M	M	M	O	M	M	M	M	O	O	O
Contents	'1'	'01'	081020505 b071000303	1+TaxID NNNNNNNNN	YYMMDD	HHMM	Upper Case A-Z Numeric 0-9	'094'	'10'	'1'	LaSalle Bank N.A.	Your Company Name	Alpha-Numeric
Length	1	2	10	10	6	4	1	3	2	1	23	23	8
Position	01-01	02-03	04-13	14-23	24-29	30-33	34-34	35-37	38-39	40-40	41-63	64-86	87-94

Field Name	Entry Information	Field Name	Entry Information
1. Record Type Code	The code identifying the File Header Record is 1.	8. Record Size	Number of bytes per record. Enter '094.'
2. Priority Code	The lower the number, the higher processing priority. Currently, only 01 is used.	9. Blocking Factor	Block at 10.
3. Immediate Destination	LaSalle Bank N.A. or Standard Federal Bank's transit routing number preceded by a blank: 081000625 LaSalle and 072000805 for Standard Federal	10. Format code	Currently there is only one code. Enter 1.
4. Immediate Origin	Your 10-digit company number. The use of an IRS Federal Tax Identification Number as a company identification is recommended. Otherwise, 1+TaxID create a unique number for your company	11. Immediate Destination Name	Enter LaSalle Bank or Standard Federal Bank
5. File Creation Date	The date you created the input file	12. Immediate Origin Name	Your company's name, up to 23 characters.
6. File Creation Time	Time of day you created the input file. This field is used to distinguish between input files if you submit more than one per day.	13. Reference Code	Optional field you may use to describe input file for internal accounting purposes.
7. File ID Modifier	Code to distinguish among multiple input files. Label the first (or only) file 'A', and continue in sequence (A-Z). If more than one file is delivered, they must have different modifiers.		

Batch Header Record

Field	1	2	3	4	5	6	7	8	9	10	11	12	13
Data Element Name	Record Type Code	Service Class Code	Company Name	Company Discretionary Data	Company Identification	Standard Entry Class Code	Company Entry Description	Company Descriptive Date	Effective Entry Date	Settlement Date (Julian)	Originator Status Code	Originating DFI Identification	Batch Number
Field Inclusion Requirement	M	M	M	O	M	M	M	O	R	Inserted by ACH Operator	M	M	M
Contents	'5'	NNN	Alpha-Numeric	Alpha-Numeric	NNNNNNNNN	Alpha	Alpha-Numeric	Alpha-Numeric	YYMMDD	Blanks	'1'	07100050	Numeric
Length	1	3	16	20	10	3	10	6	6	3	1	8	7
Position	01-01	02-04	05-20	21-40	41-50	51-53	54-63	64-69	70-75	76-78	79-79	80-87	88-94

08100060

Field Name	Entry Information	Field Name	Entry Information
1. Record Type Code	The code identifying the Batch Header record is 5.	8. Company Descriptive Date	The date you choose to identify the transactions. This date may be printed on the participants' bank statement by the Receiving Financial Institution.
2. Service Class Code	Identifies the type of entries in the batch: 200 - ACH Entries Mixed Debits and Credits 220 - ACH Credits Only 225 - ACH Debits Only	9. Effective Entry Date	Date transaction are to be posted to the participants' account.
3. Company Name	Your company name, up to 16 characters. This name may appear on the receivers' statements prepared by the Receiving Financial Institution.	10. Reserved	Leave this field blank.
4. Discretionary Data	For your company's internal use, if desired. No specific format is required.	11. Originator Status Code	Enter "1". This identifies LaSalle/Standard Federal as a depository financial institution, which is bound by the rules of the ACH.
5. Company Identification	Your 10-digit company number. Identical to the number in field 4 of the File Header Record, unless multiple companies/divisions are provided in one transmission.	12. Originating Financial Institution	Enter LaSalle's routing transit number or Standard Federal's transit routing number. 08100060
6. Standard Entry Class	Identifies the entries in the batch. Common standard entry class codes are PPD (Prearranged Payments and Deposit entries) for consumer items, CCD (Cash Concentration and Disbursement entries), CTX (Corporate Trade Exchange entries) for corporate transactions, TEL (Telephone initiated entries), and WEB (Authorization received via the Internet).	13. Batch Number	Number batches sequentially.
7. Company Entry Description	Your description of the transaction. This may be printed on the receivers' bank statement by the Receiving Financial Institution. (i.e. Payroll)		

PPD Entry Detail Record

Field	1	2	3	4	5	6	7	8	9	10	11
Data Element Name	Record Type Code	Transaction Code	Receiving DFI Identification	Check Digit	DFI Account Number	Amount	Individual Identification Number	Individual Name	Discretionary Data	Addenda Record Indicator	Trace Number
Field Inclusion Requirement	M	M	M	M	R	M	O	R	O	M	M
Contents	'6'	Numeric	TTTTAAAA	Numeric	Alpha-Numeric	$$$$$$$$cc	Alpha-Numeric	Alpha-Numeric	Alpha-Numeric	Numeric	Numeric
Length	1	2	8	1	17	10	15	22	2	1	15
Position	01-01	02-03	04-11	12-12	13-29	30-39	40-54	55-76	77-78	79-79	80-94

Field Name	Entry Information	Field Name	Entry Information
1. Record Type Code	The code identifying an Entry Detail Record is 6.	5. DFI Account Number	Receiver's account number at their financial institution. Left justify.
2. Transaction Code	Two digit code identifying the account type at the receiving financial institution: 22 - Deposit destined for a Checking Account 23 - Prenotification for a checking credit 24 - Zero dollar with remittance into Checking Account 27 - Debit destined for a Checking Account 28 - Prenotification for a checking debit 29 - Zero dollar with remittance into Checking Account 32 - Deposit destined for a Savings Account 33 - Prenotification for a savings credit 34 - Zero dollar with remittance into Savings Account 37 - Debit destined for a Savings Account 38 - Prenotification for a Savings debit 39 - Zero dollar with remittance into Savings Account	6. Amount	Transaction amount in dollars with two decimal places. Left zero fill if necessary. Enter 10 zeros for prenotes.
		7. Individual Identification Number	Receiver's identification number. This number may be printed on the receiver's bank statement by the Receiving Financial Institution.
		8. Individual Name	Name of receiver.
		9. Discretionary Data	For your company's internal use if desired. No specific format is required.
		10. Addenda Record Indicator	If there is no addenda accompanying this transaction enter "0". If addenda is accompanying the transaction enter "1".
3. Receiving DFI Identification	Transit routing number of the receiver's financial institution.	11. Trace Number	The Bank will assign a trace number. This number will be unique to the transaction and will help identify the transaction in case of an inquiry.
4. Check Digit	The ninth digits of the receiving financial institutions transit routing number.		

Batch Control Record

Field	1	2	3	4	5	6	7	8	9	10	11
Data Element Name	Record Type Code	Service Class Code	Entry / Addenda Count	Entry Hash	Total Debit Entry Dollar Amount	Total Credit Entry Dollar Amount	Company Identification	Message Authentication Code	Reserved	Originating DFI Identification	Batch Number
Field Inclusion Requirements	M	M	M	M	M	M	R	O	N/A	M	M
Contents	'8'	Numeric	Numeric	Numeric	$$$$$$$$$cc	$$$$$$$$$cc	NNNNNNNNNN	Blank	Blank	08100060	Numeric
Length	1	3	6	10	12	12	10	19	6	8	7
Position	01-01	02-04	05-10	11-20	21-32	33-44	45-54	55-73	74-79	80-87	88-94

Field Name	Entry Information	Field Name	Entry Information
1. Record Type Code	The code identifying the Batch Control Record is 8.	7. Company Identification.	This should match the company identification number used in the corresponding batch header record, field 5.
2. Service Class Code	Identifies the type of entries in the batch: 200 - ACH Entries Mixed Debits and Credits 220 - ACH Credits Only 225 - ACH Debits Only	8. Message Authentication Code	This is an optional field. Please leave this field blank.
3. Entry / Addenda Count	Total number of entry detail and addenda records processed within the batch. This field requires six positions; right justify and use leading zeros.	9. Reserved	This field is reserved for Federal Reserve use. Please leave this field blank.
4. Entry Hash	Total of all positions 4-11 on each 6 record (Detail). Only use the final 10 positions in the entry.	10. Originating Financial Institution ID	Enter LaSalle's routing number [illegible] standard Federal's transit routing number 08100060
5. Total Debit Entry Dollar Amount	Dollar totals of debit entries within the batch. If none, zero fill the field.	11. Batch Number	Number of the batch associated with this control record.
6. Total Credit Entry Dollar Amount	Dollar totals of credit entries within the batch. If none, zero fill the field.		

File Control Record

Field	1	2	3	4	5	6	7	8
Data Element Name	Record Type Code	Batch Count	Block Count	Entry / Addenda Count	Entry Hash	Total Debit Entry Dollar Amount in File	Total Credit Entry Dollar Amount in File	Reserved
Field Inclusion Requirement	M	M	M	M	M	M	M	N/A
Contents	'9'	Numeric	Numeric	Numeric	Numeric	$$$$$$$$$cc	$$$$$$$$$cc	Blank
Length	1	6	6	8	10	12	12	39
Position	01-01	02-07	08-13	14-21	22-31	32-43	44-55	56-94

Field Name	Entry Information	Field Name	Entry Information
1. Record Type Code	The code for the File Control Record is 9.	5. Entry Hash	Total of all positions 4-11 on each 6 record (Detail). Only use the final 10 positions in the entry.
2. Batch Count	The total number of batch header records in the file.	6. Total Debit Entry Dollar Amount in File	Dollar totals of debit entries within the file. If none, zero fill the field.
3. Block Count	The total number of physical blocks on the file, including the File Header and File Control records.	7. Total Credit Entry Dollar Amount in File	Dollar totals of credit entries within the file. If none, zero fill the field.
4. Entry / Addenda Count	Total number of entry detail and addenda records on the file.	8. Reserved	Leave this field blank.

Positive Pay File Format for BB&T Bank (15.00982)

A positive Pay File Format for BB&T Bank is programmed with the "NORTHTRUST" Bank format as the base.

Modifications:

1. The positive pay file will print the Payee Name, if defined on the voucher or else Vendor Name will be printed.

2. The Account Number field is increased from 10 characters to 13 characters.

3. The Payee Name is increased from 20 to 40 characters.

BB&T Positive Pay File Format Specifications

General Information

Record Size = 80

Record format = FB

For numeric fields, right justify and zero fill

DETAIL RECORD

Field No.	Position	Length	Characteristics	Description
001	001-001	001	Alpha-Numeric Pic X	Constant Value = 'C'
002	002-004	003	Numeric Pic 9(3)	Bank Number
003	005-006	002	Numeric Pic 9(2)	Filler Value '00'
004	007-019	013	Numeric Pic 9(13)	Account Number
005	020-020	001	Alpha-Numeric Pic X	Filler-Spaces
006	021-021	001	Alpha-Numeric Pic X	Transaction Type R = Register V = Void
007	022-022	001	Alpha-Numeric Pic X	Action Indicator A = Add D = Delete
008	023-023	001	Alpha-Numeric	Filler-Spaces
009	024-033	010	Numeric Pic 9(10)	Check Serial Number
010	034-043	010	Numeric Pic 9(8)V99	Check Amount
011	044-049	006	Numeric Pic 9(6)	Issue Date (MMDDYY)
012	050-089	040	Alpha-Numeric Pic X(20)	User Information
013	090-103	014	Alpha-Numeric	Filler-Spaces

The following examples show that the Positive Pay File Format is available in Brank Group Maintenance Form in Accounts Payable application and that the file generated conforms to the specification provided.

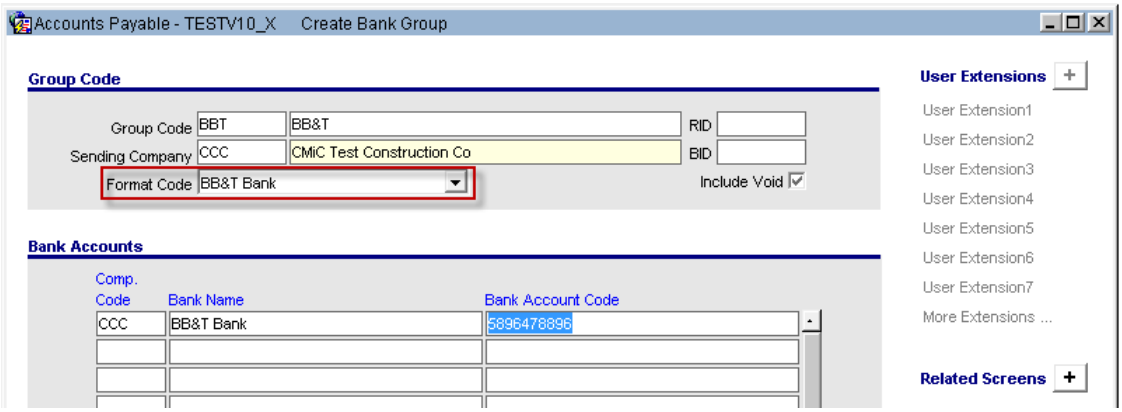
CCC - CMiC Test Construction Co

ACCOUNTS PAYABLE CHECK REPORT

Page: 1 of 2
Date: MAY 19, 2015
Time: 01:39 PM

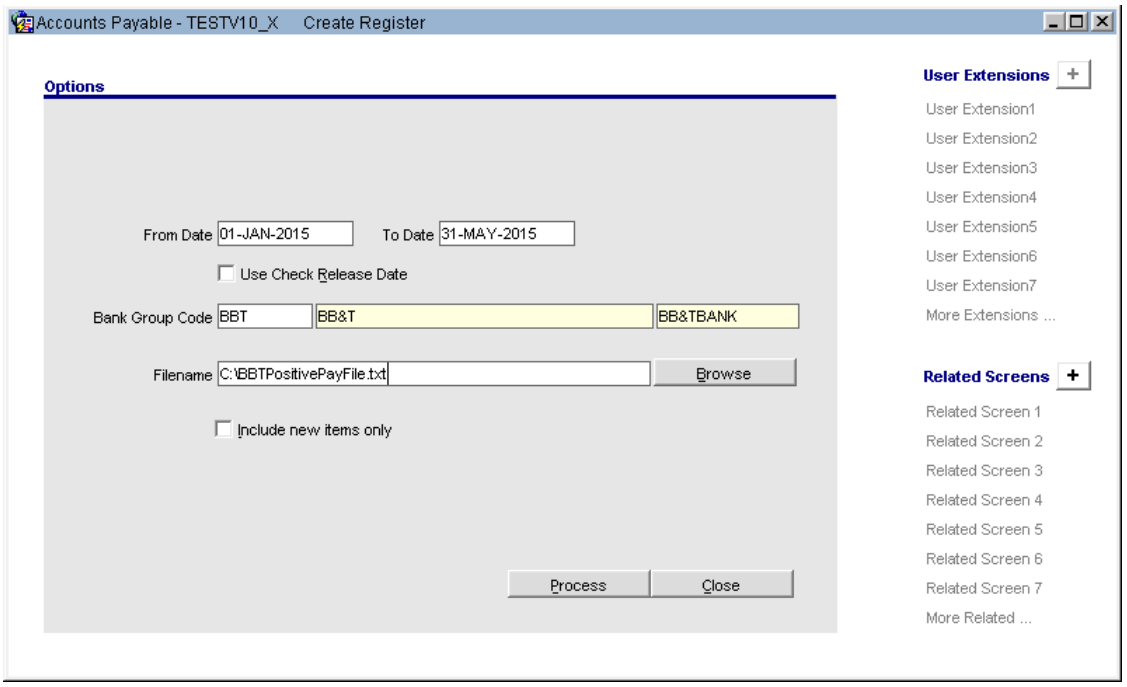
Company: CCC Selection: BB BB&T bank
Currency: US US Dollars
Conversion: 1

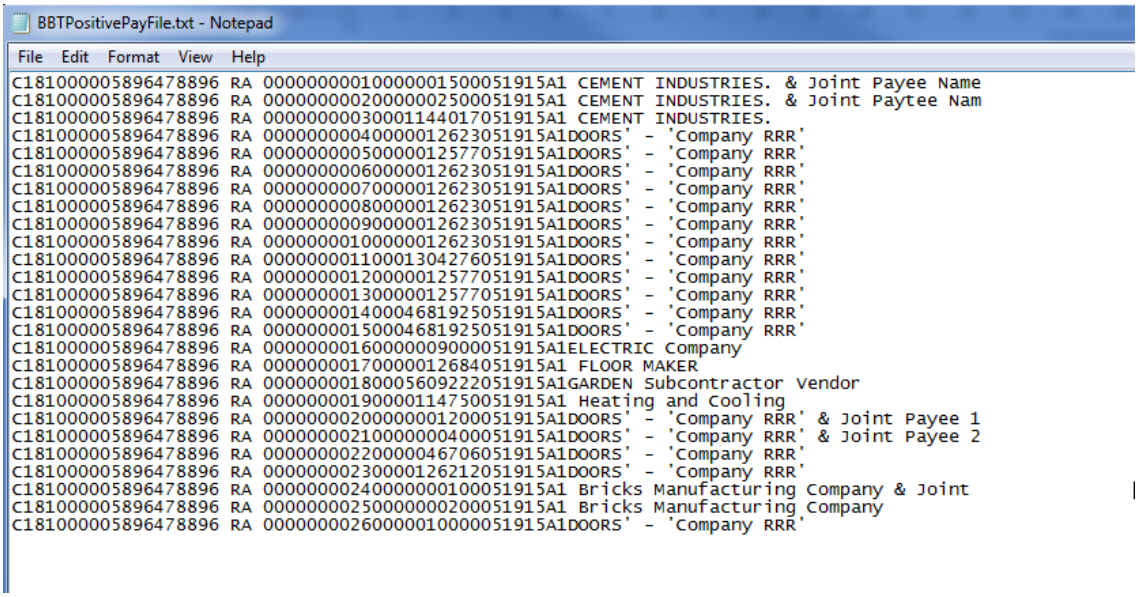
Handling Code	Bank Account	Check Num	Vendor Code	Vendor Name	Issued Name	Amount
CHK	1000.275	1	A1CEMENT	A1 CEMENT INDUSTRIES. & Joint Payee Name2	A1 CEMENT INDUSTRIES. & Joint Payee Name2	15.00
		2	A1CEMENT	A1 CEMENT INDUSTRIES. & Joint Payee Name3	A1 CEMENT INDUSTRIES. & Joint Payee Name3	25.00
		3	A1CEMENT	A1 CEMENT INDUSTRIES.	A1 CEMENT INDUSTRIES.	11,440.17
		4	A1DOORS	A1DOORS' - 'Company RRR'	A1DOORS' - 'Company RRR'	126.23
		5	A1DOORS	A1DOORS' - 'Company RRR'	A1DOORS' - 'Company RRR'	125.77
		6	A1DOORS	A1DOORS' - 'Company RRR'	A1DOORS' - 'Company RRR'	126.23
		7	A1DOORS	A1DOORS' - 'Company RRR'	A1DOORS' - 'Company RRR'	126.23
		8	A1DOORS	A1DOORS' - 'Company RRR'	A1DOORS' - 'Company RRR'	126.23
		9	A1DOORS	A1DOORS' - 'Company RRR'	A1DOORS' - 'Company RRR'	126.23
		10	A1DOORS	A1DOORS' - 'Company RRR'	A1DOORS' - 'Company RRR'	126.23
		11	A1DOORS	A1DOORS' - 'Company RRR'	A1DOORS' - 'Company RRR'	13,042.76
		12	A1DOORS	A1DOORS' - 'Company RRR'	A1DOORS' - 'Company RRR'	125.77
		13	A1DOORS	A1DOORS' - 'Company RRR'	A1DOORS' - 'Company RRR'	125.77
		14	A1DOORS	A1DOORS' - 'Company RRR'	A1DOORS' - 'Company RRR'	46,819.25
		15	A1DOORS	A1DOORS' - 'Company RRR'	A1DOORS' - 'Company RRR'	46,819.25
		16	A1ELEC	A1ELECTRIC Company	A1ELECTRIC Company	90.00
		17	A1FLOOR	A1 FLOOR MAKER	A1 FLOOR MAKER	126.84
		18	A1GARDEN	A1GARDEN Subcontractor Vendor	A1GARDEN Subcontractor Vendor	56,092.22
		19	A1HVAC	A1 Heating and Cooling	A1 Heating and Cooling	1,147.50
				Total:		176,752.68
RV-CHK	1000.275	20	A1DOORS	A1DOORS' - 'Company RRR' & Joint Payee 1	A1DOORS' - 'Company RRR' & Joint Payee 1	12.00
		21	A1DOORS	A1DOORS' - 'Company RRR' & Joint Payee 2	A1DOORS' - 'Company RRR' & Joint Payee 2	4.00
		22	A1DOORS	A1DOORS' - 'Company RRR'	A1DOORS' - 'Company RRR'	467.06
		23	A1DOORS	A1DOORS' - 'Company RRR'	A1DOORS' - 'Company RRR'	1,262.12
				Total:		1,745.18
	1000.275	24	A1BRICKS	A1 Bricks Manufacturing Company & Joint Payee Name	A1 Bricks Manufacturing Company & Joint Payee Name	1.00
		25	A1BRICKS	A1 Bricks Manufacturing Company	A1 Bricks Manufacturing Company	2.00
		26	A1DOORS	A1DOORS' - 'Company RRR'	A1DOORS' - 'Company RRR'	100.00
				Total:		103.00



Users must select the File Format Code as <u>'BB&T Bank'</u> from the available list.

Note that there is another format names 'BBT Bank' which follows a different file layout and should NOT be used for testing this issue.





Back Charges Voucher Enhancement (Beta) (14.92529)

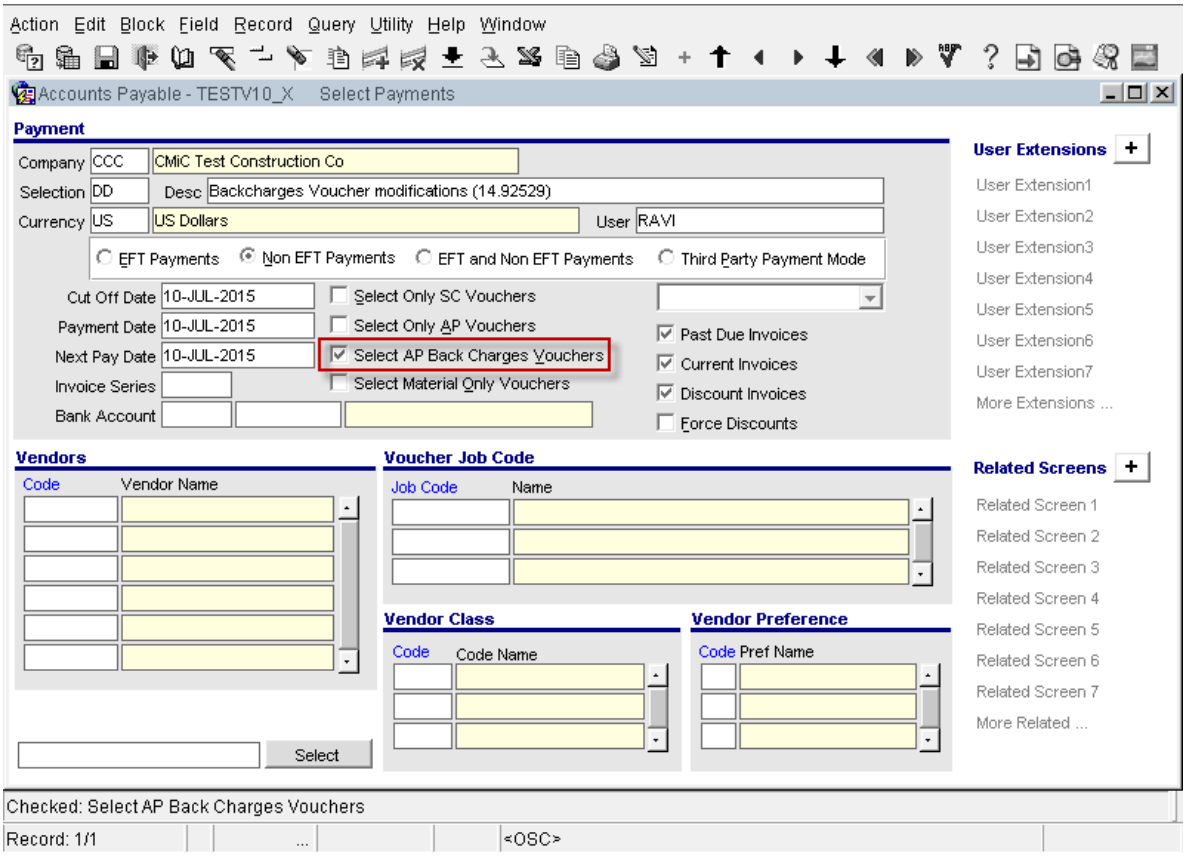
Often Construction Companies may charge back subcontractors for expenses like housing (i.e. for providing housing for subcontractor employees). This may be a standard industry practice in countries like Singapore.

Back charge is the amount that is charged back to the subcontractor when they submit an invoice for work done. This charge is normally for expenses the general contractor charges back to the subcontractor.

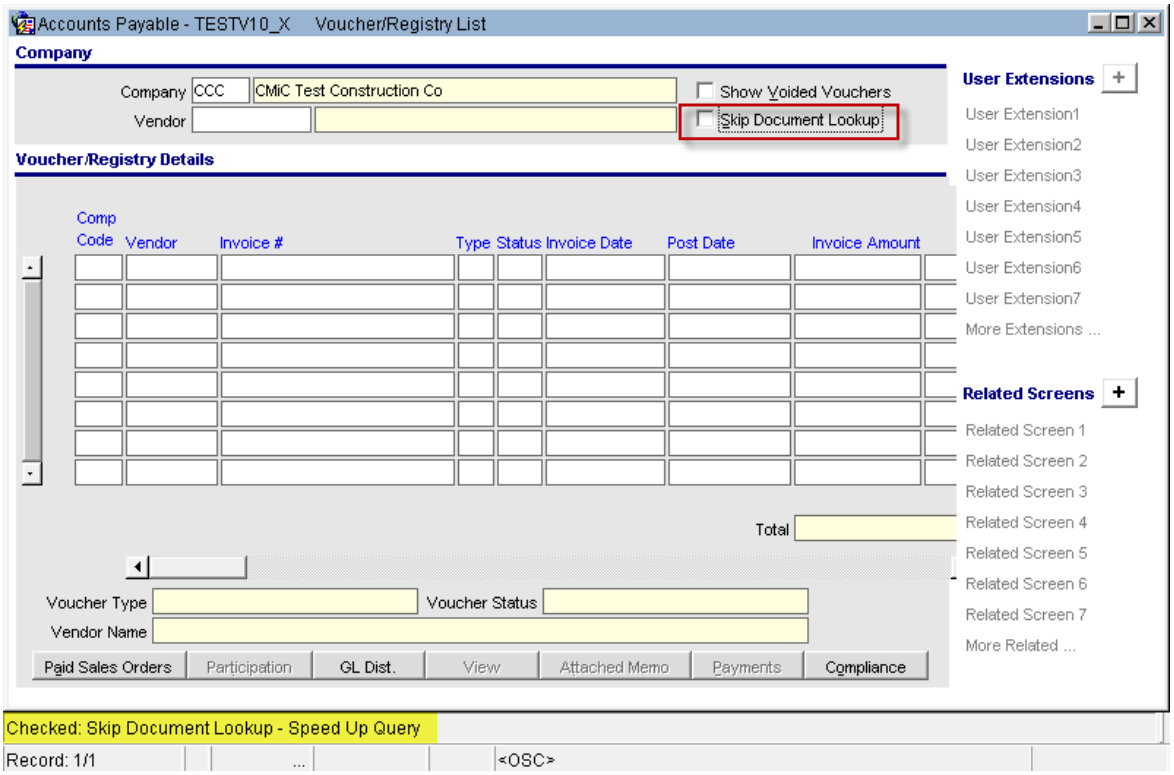
Back charges do NOT reduce the overall subcontract value. Also, deductive PCIs may not be an appropriate mechanism for this requirement. Hence this modification.

This is an ongoing development and the only visible change for end users is the payment selection form where there is a new check box ‘Select AP Back Charges Vouchers’ is added to explicitly select those vouchers. Currently the vouchers may only be created from a custom flysheet in imaging application and pushed through to voucher entry for further processing.

This flysheet is NOT available by default and users may contact CMiC support for further details.



Registry/Voucher Query – Skip Document Lookup (15.06585)



APVOUINQ.FMX

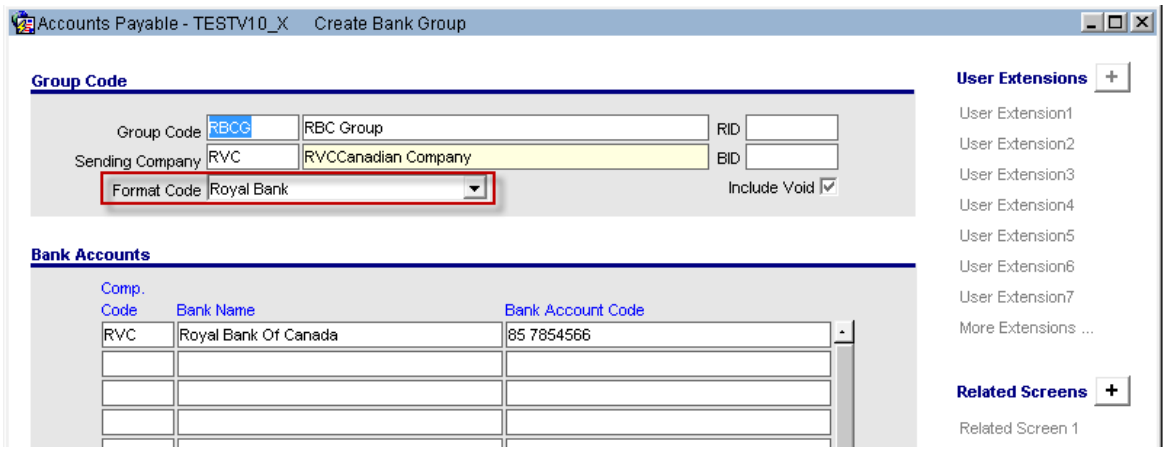
The Registry/Voucher Query form is modified with the addition of a check box 'Skip Document Lookup' in the header block. The default value is un-checked.

When checked, the form would skip the attached documents if any and query only for the registry/voucher details. This is introduced to improve the performance of the query when there are a large number of vouchers with attachments.

Royal Bank of Canada – Positive Pay File Format (14.89091)

Added Royal Bank of Canada Positive Pay File Format to CMiC AP application.

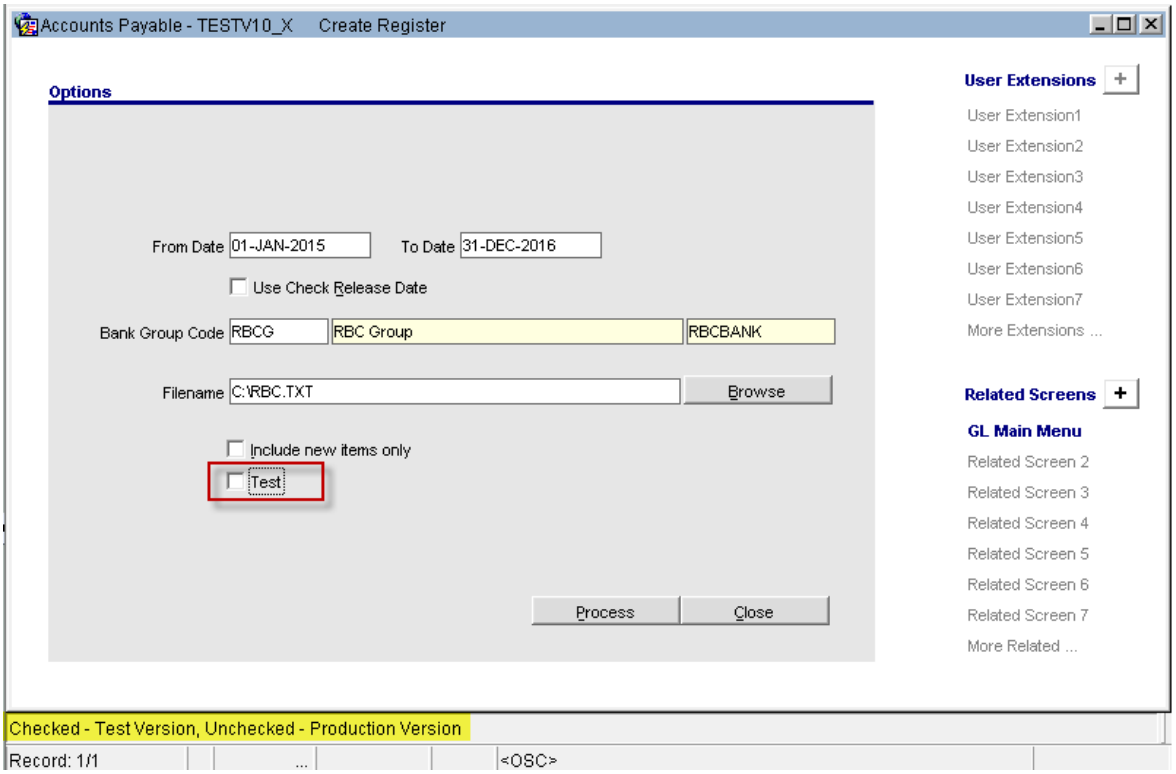
The Bank Group Maintenance 'Format Code' list has an entry for Royal Bank and users may create a bank group for their RBC accounts. Users must maintain the Bank Id in Bank maintenance form in order for this format to work.



AP > Check > Create Register > Create Bank Group

The 'Create register' Form is modified with a new field 'Test', which comes up for this RBC bank group. Checked: Test Version of the positive pay file will be produced.

Un-Checked: Production version of the file will be produced. The default value is un-checked.



The following specifications are taken from RBC Payee Match Standard Input File Format, Version 1.9

1.0 Communication Information

The following information is required when sending to RBC. This will direct the file to the appropriate application for processing.

Testing:

ASCII files: $$LW00PMFF[ATEST$$
EBCDIC files: $$LW00PMFF[BTEST$$

Production:

ASCII Files $$LW00PMFF$$
EBCDIC Files $$LW00PMFFE$$

2.0 Record Layout Details

- **Empty/null files:** Empty/null files are not allowed
- **Field Attributes:** Alphanumeric fields are left justified trailing blanks and numeric fields are right justified leading zeroes unless otherwise stated in the document
- **Email Address:** Maximum length is 27 characters. Must be distribution email address.
- **Record Count:** This field is used as a counter beginning with 0001 and incrementing by one for each subsequent record.
- **Rejection of Files:** If errors are found in the file upon receipt an error file will be generated and sent to the client for download.
- **Cheque Issuance Service:** When using the Cheque Issuance Service, the Payee Name and Address information must be placed in the fields identified in the Transaction Record **(Service provided by RBC)**.
- **Payee Name and Address Information**: Transaction Record Fields 16-25, only characters in the Printable ASCII Character Set per the Appendix Tables in the Cheque Requirements Client Guide are allowed.
- **Payee Name Field:** Mandatory for all service types and at least one byte of data is required
- **Cheque Remittance Data Record:** This record is optional but if present Record Identifier must contain the value "R".

2.1 Record Layout Structure

Please note null/empty files are not allowed.

File Header Record	*-One Occurrence per file*
Batch Header Record	*-Repeats once per Transit/Branch/Account and may occur multiple times in one file*
Transaction Record	*-Repeats multiple times to report entries on the same account above*
Cheque Remittance Data Record	*-Cheque Issuance Only) repeats multiple times to print stub information*
Batch Trailer Record	*-Repeats once per Transit/Branch/Account and may occur multiple times in one file*
File Trailer Record	*-Repeats once per file*

3.0 Payee Match Record Layout - PLEASE NOTE NULL/EMPTY FILES ARE NOT ALLOWED

3.1 File Header Record -One per File

Field No.	Start Position	End Position	Field Size	Req'd	Format	Field Name	Comments
1	1	1	1	**M**	AN	Record Identifier	Value: **A**
2	2	8	7	**M**	N	Record Count	Begins with "0000001"
3	9	12	4	**M**	N	File Number	File number must not be duplicated. Will be represented in the e-mail confirmation back to the client.
4	13	21	9	**M**	AN	Client Number	Used to identify client and will be provided by RBC. Min/Max 9 characters
5	22	29	8	**M**	N	File Creation Date	Format YYYYMMDD
6	30	694	665	**M**	AN	FILLER	Blank Fill

3.2 Batch Header Record -One per Transit/Branch/Account number

Field No.	Start Position	End Position	Field Size	Req'd	Format	Field Name	Comments
1	1	1	1	**M**	AN	Record Identifier	Value: **B**
2	2	8	7	**M**	N	Record Count	Increments from previous record.
3	9	12	4	**M**	N	Batch Sequence Number	Begins with "0001" and increments by one per batch within one file
4	13	17	5	**M**	AN	Transit/Branch Number	
5	18	22	5	**M**	AN	Reserved for account numbers greater than 7	Blank Fill. (*Applies only to Services other than Disbursement Auditor (Positive Pay)*)
6	23	29	7	**M**	AN	Bank Account Number	Accounts greater then 7 overflow the beginning of the account in field #5 above and left justify
7	30	32	3	**M**	AN	Currency	CAD or USD.
8	33	41	9	M	AN	SRF number	Mandatory only for Cheque Issuance. (Service provided by RBC)
9	42	93	52	**M**	AN	FILLER	
10	94	98	5	**M**	N	Financial Institution Number	Right Justified zero fill. Value = 00003
11	99	102	4	**M**	N	Service Type Indicator	Value: 0001 = DA(Positive Pay) Only 0002 = Payee Match only 0003 = Payee Match/DA(Positive Pay) 0004 = Payee Match/Cheque Issuance 0005 = Payee Match/DA(Positive Pay)/Cheque Issuance 0006 = Cheque Issuance/DA(Positive Pay) 0007 = Cheque Issuance Only **(Service provided by RBC)**
12	103	694	592	**M**	AN	FILLER	Blank Fill

3.3 Transaction Record - Multiple Occurrence

Field No.	Start Position	End Position	Field Size	Req'd?	Format	Field Name	Comments
1	1	1	1	**M**	AN	Record Identifier	Value: **C**
2	2	8	7	**M**	N	Record Count	Increments from previous record.
3	9	11	3	**M**	N	Transaction Code	**Value:** 300 = Issued Cheque 310 = Stop Payment Removal (DA/Positive Pay Only) 311 = Stop Payment (DA/Positive Pay Only) 490 = Void Cheque (DA/Positive Pay Only) 515 = Inquiry (DA/Positive Pay Only) 516 = Inquiry with photocopy (DA/Positive Pay Only)
4	12	16	5	**M**	AN	Transit/Branch Number	
5	17	21	5	**M**	AN	Reserved for account # greater than 7	Blank Fill. (*Applies only to Services other than Disbursement Auditor(Positive Pay)*)
6	22	28	7	**M**	AN	Bank Account Number	Accounts greater then 7 overflow the beginning of the account in field #5 above and left justify
7	29	32	4	**M**	N	Reserved for cheque # greater than 8	Zero Fill. (*Applies only to Services other than Disbursement Auditor(Positive Pay)*)
8	33	40	8	**M**	N	Cheque Number	Cheque Serial # greater then 8 overflow the beginning of the serial # in field #7 above
9	41	50	10	**M**	N(2)	Cheque Amount	Implied two decimals
10	51	69	19	O	AN	Client Reference	Blank fill if not used
11	70	77	8	O	AN	Trace Number	Blank fill if not used
12	78	85	8	**M**	**DT**	Issue Date	Format : YYYYMMDD
13	86	99	14	O	AN	Vendor Number	Blank fill if not used
14	100	100	1	O	AN	Country Code	*Value:* "**1**" = Canada "**2**" = USA "**3**" = International *(Cheque Issuance Only)*
15	101	103	3	O	AN	Distribution Code	*Value:* "**000**" = Mail; "**999**" = Return to Sender *(Cheque Issuance Only)*
16	104	163	60	**M**	AN	Payee Name 1	Left justified, trailing spaces *(Cheque Issuance Only - Max 35 Characters)*
17	164	223	60	O	AN	Payee Name 2	Left justified, trailing spaces
18	224	283	60	O	AN	Payee Name 3	Left justified, trailing spaces
19	284	343	60	O	AN	Address Line 1	Left justified, trailing spaces *(Only Address Line 1/Address Line 2 Max 35 Characters ea. are available for Cheque Issuance)*
20	344	403	60	O	AN	Address Line 2	Left justified, trailing spaces *(Only Address Line 1/Address Line 2 Max 35 Characters ea. are available for Cheque Issuagnce)*
21	404	463	60	O	AN	Address Line 3	Left justified, trailing spaces
22	464	523	60	O	AN	Address Line 4	Left justified, trailing spaces *(City/State/Province/Country Max 35 Char. combined are available in Cheque Issuance) e.g. Toronto ON CA*
23	524	583	60	O	AN	Address Line 5	Left justified, trailing spaces *(Postal Code required for the Cheque Issuance)*
24	584	643	60	O	AN	Address Line 6	Left justified, trailing spaces
25	644	694	51	O	AN	Address Line 7	Left justified, trailing spaces

3.4 Cheque Remittance Data (Cheque Issuance Only- service provided by RBC)

Field No.	Start Position	End Position	Field Size	Req'd?	Format	Field Name	Comments
1	1	1	1	**M**	AN	Record Identifier	Value: **R**
2	2	8	7	**M**	N	Record Count	Increments from previous record.
3	9	12	4	**M**	N	Reserved for cheque numbers greater than 8.	Zero Fill. *(Applies only to Services other than Disbursement Auditor(Positive Pay))*
4	13	20	8	**M**	N	Cheque Number	Cheque Serial # greater then 8 overflow the beginning of the serial # in field #3 above with zero fill.
5	21	44	24	O	AN	Invoice Number	
6	45	54	10	O	N(2)	Gross Amount	Implied two decimals. Must be signed to report negative values. Example: -000000123 = negative amount $1.23
7	55	64	10	O	N(2)	Net Amount	Implied two decimals. Must be signed to report negative values. Example: -000000123 = negative amount $1.23
8	65	74	10	O	N(2)	Discount Amount	Implied two decimals. Must be signed to report negative values. Example: -000000123 = negative amount $1.23
9	75	82	8	M	DT	Invoice Date	Format YYYYMMDD
10	83	117	35	O	AN	Description on Stub	Reported on Cheque stub
11	118	152	35	O	AN	Description on Stub	Reported on Cheque stub
12	153	187	35	O	AN	Description on Stub	Reported on Cheque stub
13	188	217	30	O	AN	Reference Information on Stub	Reported on Cheque stub/Reference field
14	218	241	24	O	AN	Memo field on Cheque	Reported on Memo field of cheque
15	242	694	453	**M**	AN	FILLER	Blank Fill

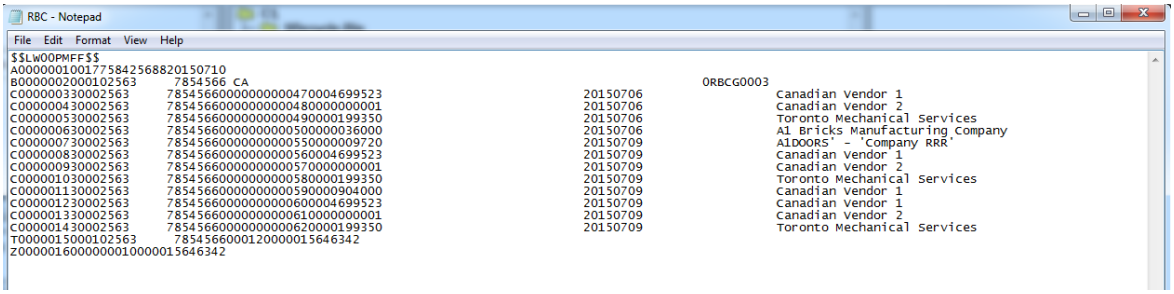
3.5 Batch Trailer Record - One per Transit/Branch/Account Number

Field No.	Start Position	End Position	Field Size	Req'd?	Format	Field Name	Comments
1	1	1	1	**M**	AN	Record Identifier	Value: **T**
2	2	8	7	**M**	N	Record Count	Increments from previous record.
3	9	12	4	**M**	N	Batch Sequence Number	Same as Batch Header Record
4	13	17	5	**M**	AN	Transit/Branch Number	
5	18	22	5	**M**	AN	Reserved for account numbers greater than 7	Blank Fill. *(Applies only to Services other than Disbursement Auditor(Positive Pay))*
6	23	29	7	**M**	AN	Bank Account Number	Accounts greater then 7 overflow the beginning of the account in field #5 above and left justify
7	30	37	8	**M**	N	Total Number Transaction Records	
8	38	50	13	**M**	N(2)	Total Dollar Amt. Transaction Record	
9	51	58	8	**O**	N	Total Number Remittance Data Records	Only applies if Remittance Records are used. If not required zero fill
10	59	71	13	**O**	N(2)	Total Dollar Amt. Remittance Data Records	Only applies if Remittance Records are used. If not required zero fill
11	72	694	623	**M**	AN	FILLER	Blank Fill

3.6 File Trailer Record - One per File

Field No.	Start Position	End Position	Field Size	Req'd?	Format	Field Name	Comments
1	1	1	1	**M**	AN	Record Identifier	Value: **Z**
2	2	8	7	**M**	N	Record Count	Increments from previous record.
3	9	16	8	**M**	N	Total Number of Batches	
4	17	29	13	**M**	N(2)	Total Dollar Amount in all batches	Implied two decimals
5	30	694	665	**M**	AN	FILLER	Blank Fill

The following is a sample file generated from CMiC



Business Partner AKA name fields (14.95789)

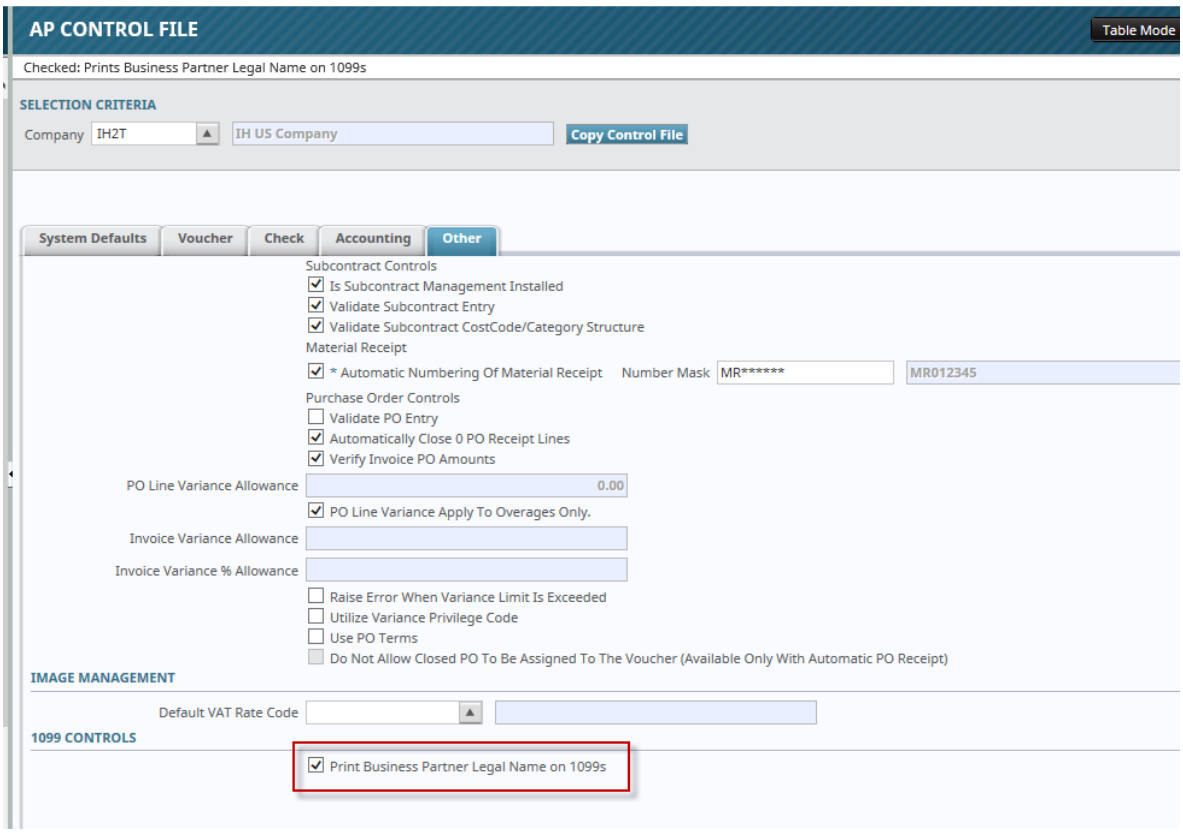
CMiC has introduced a new flag "Print Business Partner Legal Name" on AP Control File. This flag allows the users to choose whether AKA Name or Business Partner Legal Name will be printed on 1099s Reports.

If this flag is unchecked the system will print the 1099s Reports as before using both Business Partner Name as well as AKA Name in the following fashion:

- If the SSN box is unchecked then the system will use the Business Partner Name as the 1st line followed by AKA name on 1099 Reports.
- If the SSN box is unchecked and AKA Name does not exist then the system will use the Business Partner Name on 1099 Reports.
- If the SSN box is checked then the system will use AKA Name as the 1st line followed by the Business Partner Name on 1099 Reports.

Modifications:

The new flag "Print Business Partner Legal Name" is located on the Other tab of AP Control File:



New functionality:

If the flag “Print Business Partner Legal Name” is checked on the AP Control File then, while printing 1099 Report, the system will replace the 1st line with Business Partner Legal Name (or empty line if Business Partner Legal Name is not entered).

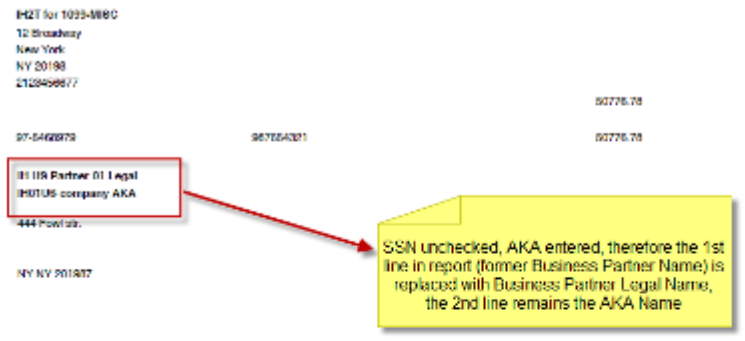
For the Business Partners above the 1099s Report will print the following:

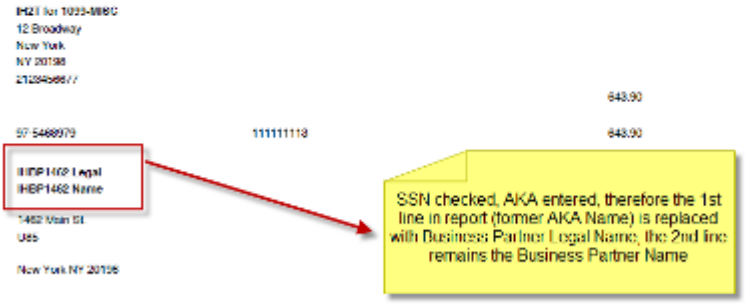
- If the SSN box is unchecked then the system will use the Business Partner Legal Name as the 1st line followed by AKA name on 1099 Reports.
- If the SSN box is checked then the system will use the Business Partner Legal Name as the 1st line followed by the Business Partner Name on 1099 Reports.
- If the SSN box is unchecked and AKA Name is not entered then the system will use the Business Partner Legal Name as the 1st line and the 2nd line remains empty on 1099 Reports.

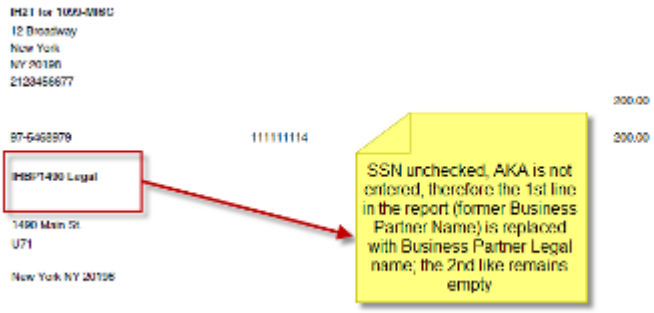
Example:

- Business Partner IH01US has SSN flag unchecked; AKA Name entered (“IH01US company AKA”); Legal Name is “IHUS Partner 01 Legal”.
- Business Partner IHBP1490 has SSN flag unchecked and no AKA Name entered; Legal Name is “IHBP1490 Legal”.
- Business Partner IHBP1462 has SSN flag checked and AKA Name entered (in this case AKA Name is mandatory). AKA Name is “IHBP1462 AKA”, Legal Name is “IHBP1462 Legal”.

The 1099s Report will print the following:







Invoice Series Code on Adjust Voucher Status (15.12502)

CMiC has modified the Adjust Voucher Status Program to add the display only Invoice Series Code and Discount Amount fields from the Voucher Header populated as a column on both Normal Vouchers and Deferred Vouchers Tabs.

AP Invoice Date and Posting date on Same Date (16.14829)

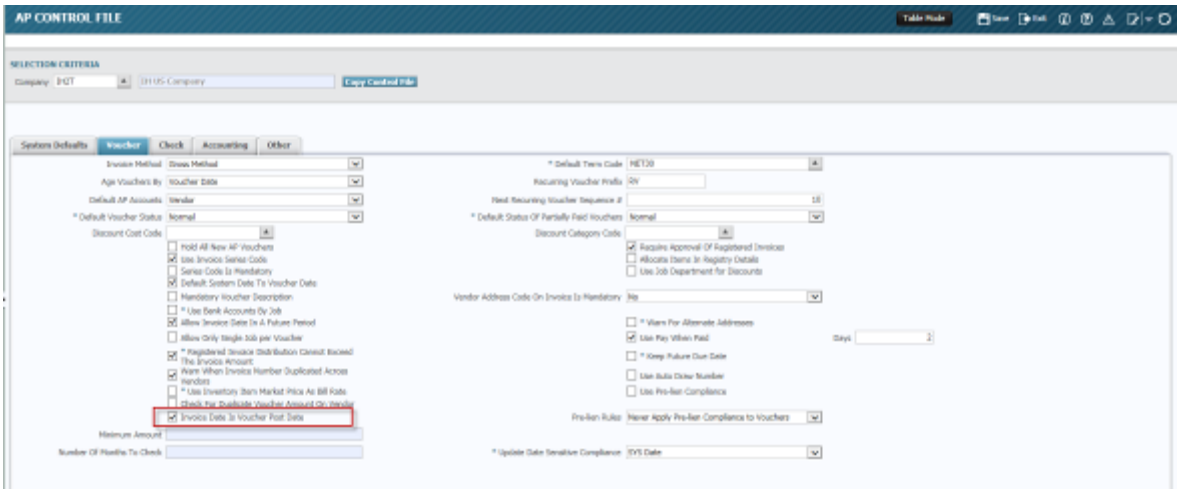
The AP Invoice Posting program has been modified to use the Invoice Date as the Voucher Posting Date (the Date of Record) based on the AP Control File flag “Invoice Date Is Voucher Post Date”. The system will prevent the posting if the Invoice Date is in a closed period.

This new functionality is available to all invoices regardless if they were manually entered, or came through the imaging system or from the Invoice Register. If the flag “Invoice Date Is Voucher Post Date” is unchecked the system works as before: it uses the Batch Posting Date as the official Date of Record.

NOTE: No other transaction types, such as Debit/Credit Notes, Manual Checks, or Invoice Adjustments have been modified to alter the Date of Record in such a way. They all continue to use the Date of Record as associated with the Batch.

Setting:

In order to set up the system to use the Invoice Date as the Voucher Posting Date the user first should check the flag “Invoice Date Is Voucher Post Date” in AP Control File:



New functionality summary:

The AP Invoice Posting program has been modified. The new flag “Invoice Date Is Voucher Post Date” has been introduced to AP Control File.

If the flag “Invoice Date Is Voucher Post Date” is checked the system will use the Invoice Date as the Voucher Posting Date (the Date of Record). The system will validate the Invoice Date and prevent the posting if the Invoice Date is in a closed period.

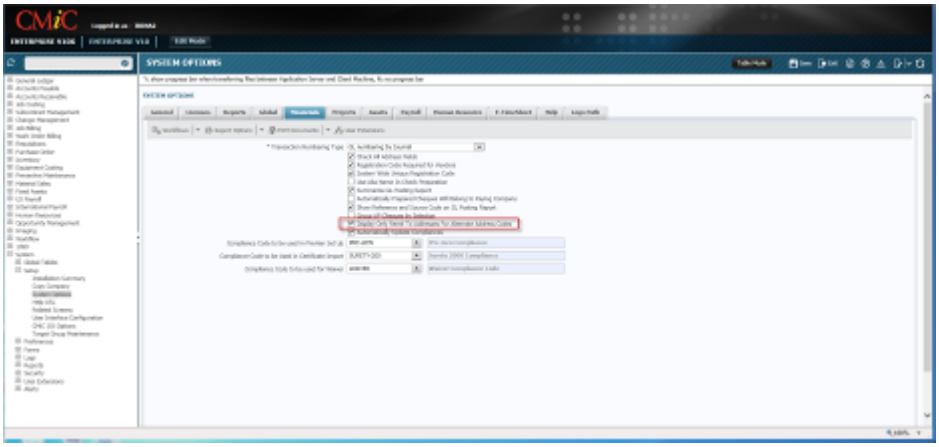
If the flag “Invoice Date Is Voucher Post Date” is unchecked the system works as before: it uses the Batch Posting Date as the official Date of Record.

Limit the Alternate Address selection for AP (15.11860)

CMiC has added a new flag in System Options “Display Only Remit To Addresses For Alternate Address Codes”. When this flag is checked the AP Voucher Entry, AP Recurring Entry, AP Invoice Registry, Enter Subcontract/Change Order would validate the List of Values for Alternate Addresses and display only the Alternate Addresses that are marked as "Remit To".

Settings and Examples:

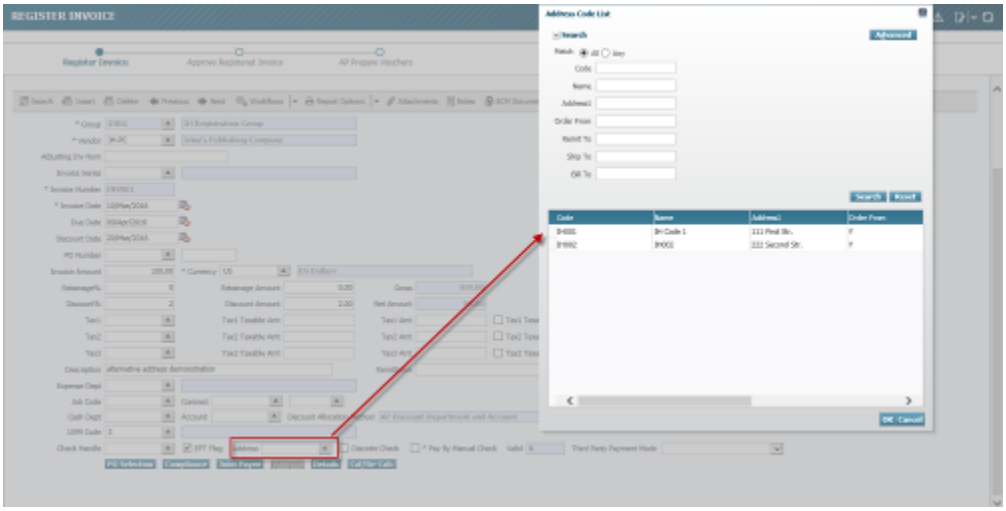
1. In order to activate this new functionality the user has to check the flag “Display Only Remit To Addresses For Alternate Address Codes”. The flag could be found in System -> Setup -> System Option -> Financials Tab).



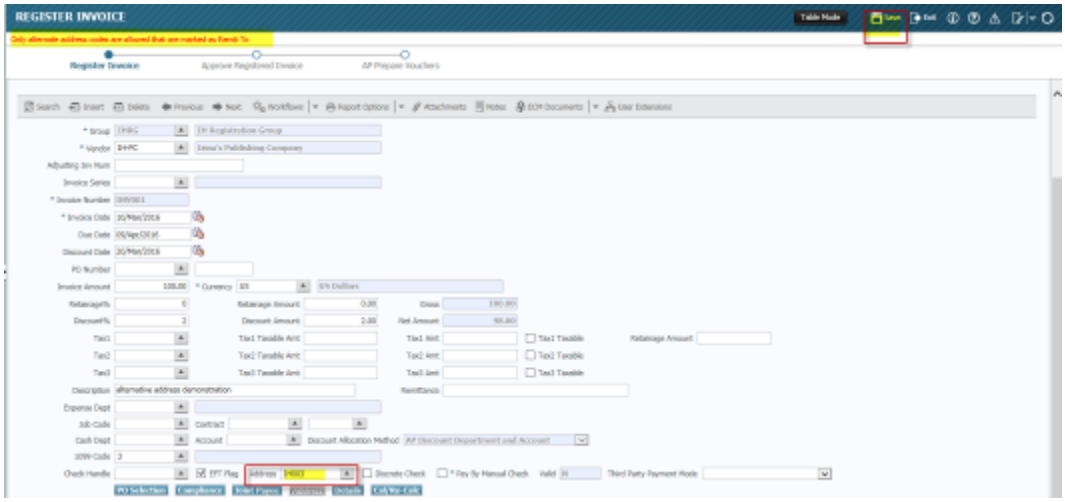
2. The Business Partner IH-PC has been selected to demonstrate the new functionality. The Business Partner IH-PC settings include 4 alternate addresses. For this example alternate addresses with Address Codes IH001, IH002 have the “Remit To” flag checked while the alternate addresses with Address Codes IH003, IH004 have this flag unchecked.

Register Invoice screen:

A Register Invoice INV001 has been created for the Vendor IH-PC. In accordance with the System Option settings (paragraph 1) the Address Code LOV for the Register Invoice shows only the Address Codes IH001, IH002 which have the “Remit To” flag checked (see below).



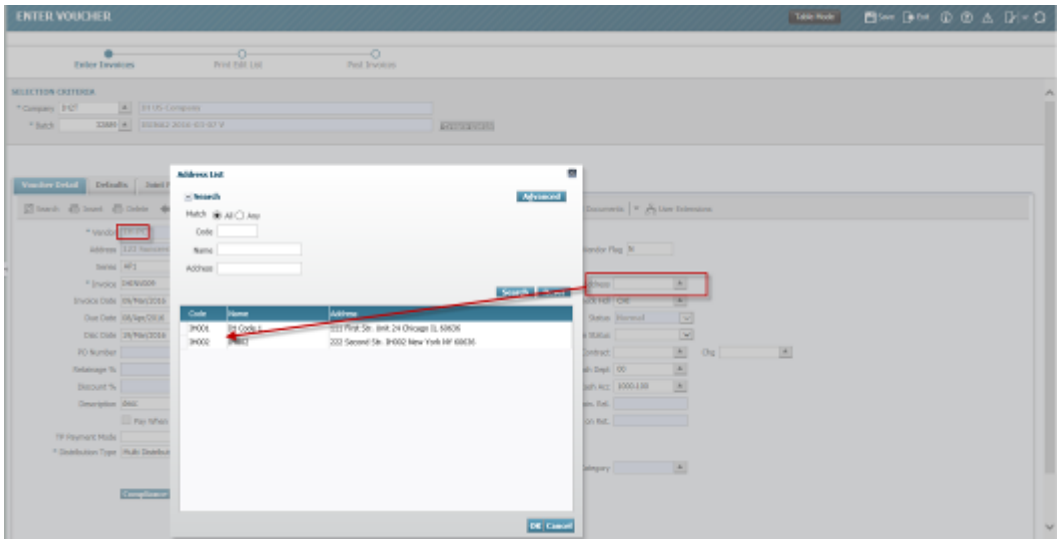
If the user manually types in any of the existing alternate address codes that do not have the “Remit To” flag checked (such as IH003 or IH004 for this example) and try to save the record the system will issue the validation error: “Only alternate address codes are allowed that are marked as Remit To”:



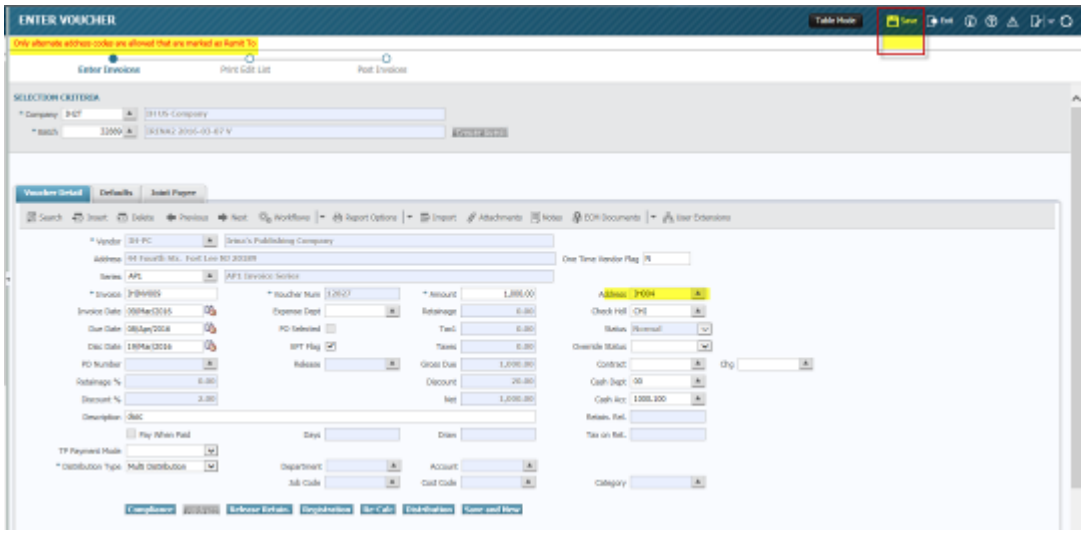
The same functionality will be shown for AP Voucher Entry, AP Recurring Entry, and Enter Subcontract / Change Order further in this document.

Enter Voucher screen:

A sample invoice IHINV009 has been created for the Vendor IH-PC. According to the System Option Settings (paragraph 1) the Address Code LOV shows only the Address Codes IH001, IH002 which are marked as “Remit To”.

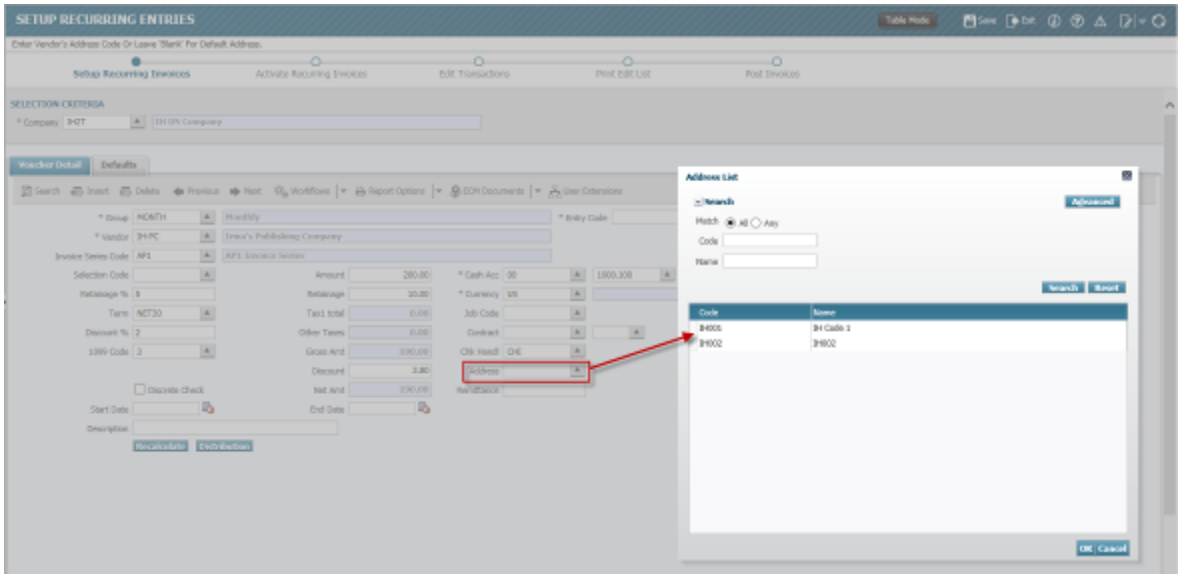


If the user types in an existing alternate address code that is not marked as “Remit To” (such as IH003 or IH004 for this example) and attempts to save the record the system will issue the validation error: “Only alternate address codes are allowed that are marked as Remit To”:

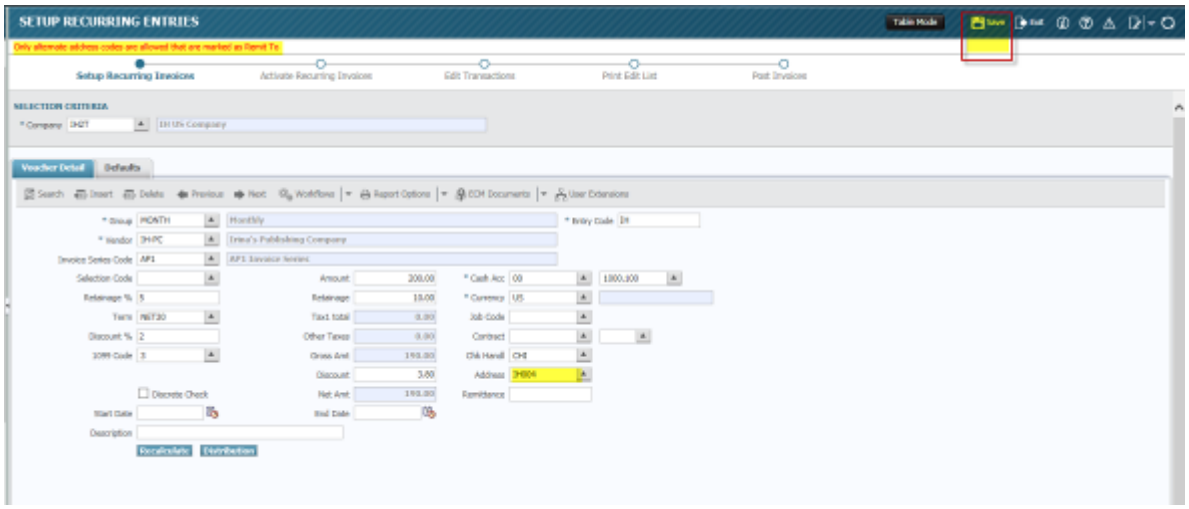


Setup Recurring Entries screen:

A sample Recurring Invoice has been created for the Vendor IH-PC. According to the System Option Settings (paragraph 1) the Address Code LOV shows only the Address Codes IH001, IH002 which are marked as “Remit To”.

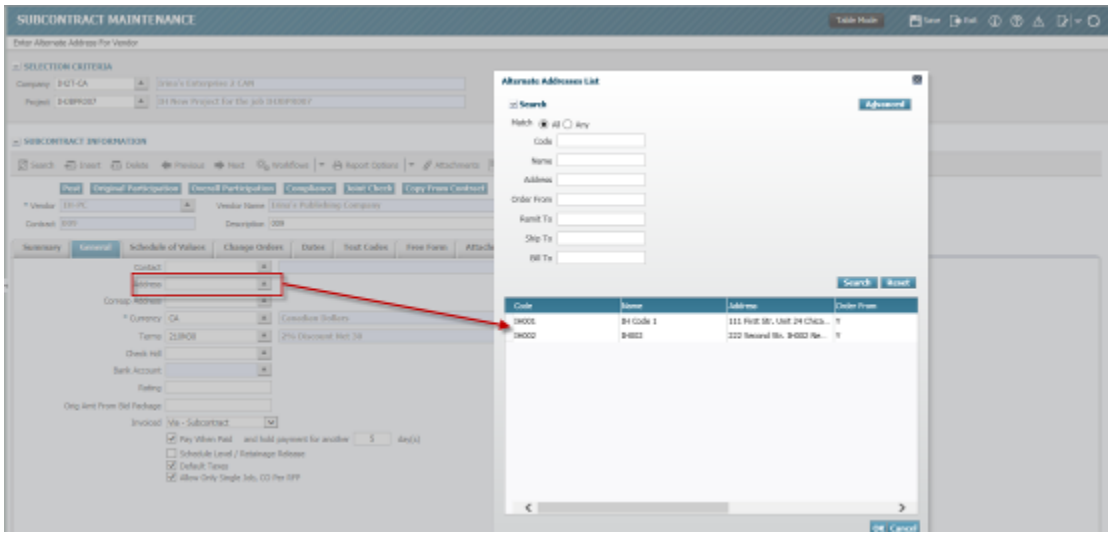


The print screen below demonstrates the validation error occurred when the user had tried to save a record with typed-in existing alternate address that is not marked as “Remit To” (“IH004” in this example).



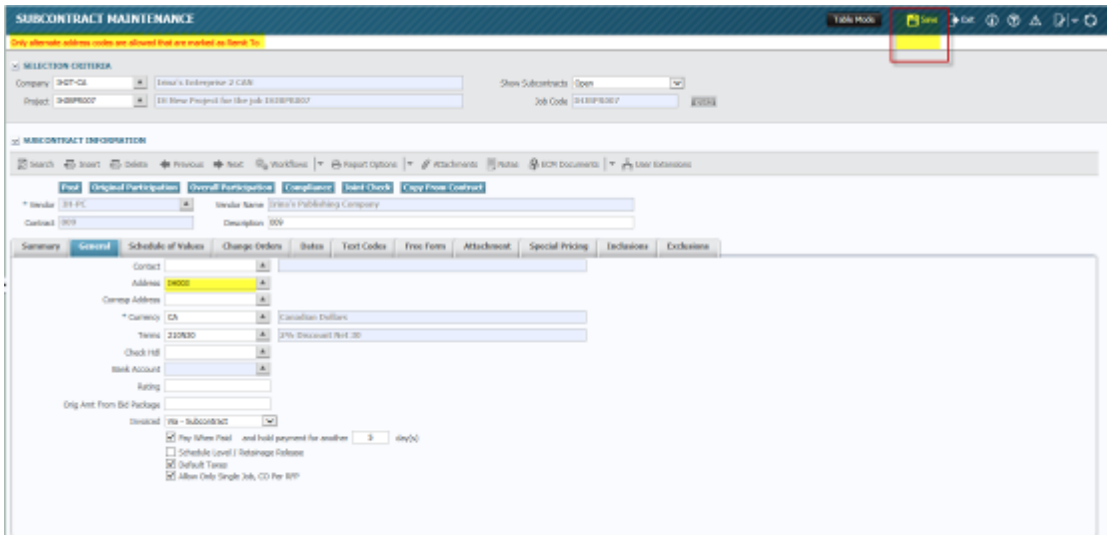
Subcontract Maintenance screen:

A sample subcontract 009 has been created for the Vendor IH-PC. As in the previously described screens the Address Code LOV shows only the Address Codes IH001, IH002 which are marked as “Remit To” in accordance with the System Option settings (see the paragraph 1).



NOTE: This alternate address LOV limitation is not applicable for the Corresp. Address LOV (the field Corresp. Address locates right below the field Address on the picture above). LOV for the Corresp. Address will show all four Address Codes: IH001, IH002, IH003, and IH004.

The print screen below shows the validation error when the user had tried to save a record with an existing alternate address that is not marked as “Remit To” (“IH003” in this example).



New Functionality Summary:

CMiC has added a new flag in System Options “Display Only Remit to Addresses for Alternate Address Codes”. When this flag is checked the AP Voucher Entry, AP Recurring Entry, AP Invoice Registry, Enter Subcontract/Change Order would validate the List of Values for Alternate Addresses and display only the Alternate Addresses that are marked as "Remit To".

In addition to the existing LOV validation the system will add one more: if the user types in an existing alternate address code that is not marked as “Remit To” and attempts to save the record the system will issue the validation error: “Only alternate address codes are allowed that are marked as Remit To”:

New EFT Format for RBC (15.03984)

CMiC has created a new EFT file format for RBC to match the following specifications:

Header: (Total fields = 39; Total length of header record = 891)

#	Field Name	Req	Start Position	Length	Format	Comments
1	Tag	M	1	1	AN	“H” for header
2	Payment Type	M	2	1	AN	A FEDI Only — Financial EDI pay only (No Remittance Delivery) B FEDI with EDI Remit — Financial EDI pay/EDI remittance C FEDI with Fax Remit — Financial EDI pay/fax remittance D FEDI with eMail Remit — Financial EDI pay/eMail remittance E PDS with Optional Remittance — ACH Direct Deposit (PDS) (Remittance Delivery Optional-Payments Outside Canada ONLY) F PDS with Fax Remit — ACH Direct Deposit pay/fax remittance (PDS) G PDS with eMail Remit — ACH Direct Deposit pay/eMail remittance (PDS) H PDS Payroll — ACH Direct Deposit Payroll (No Remittance Delivery) I PAD with Optional Remittance — ACH Personally Approved Debits (PAD) (Remittance Delivery Optional-Payments Outside Canada ONLY) J PAD with Fax — ACH Personally Approved Debits/fax remittance (PAD) K PAD with eMail — ACH Personally Approved Debits/email remittance (PAD) L CHQ — Cheque M CHQ/DA — Cheque/Disbursement Auditor N CHQ/DA/PM — Cheque/Disbursement Auditor/Payee Match O DA — Disbursement Auditor P Wires Only — Wires pay only (No Remittance Delivery) Q Wires with Fax — Wires with Fax R Wires with eMail — Wires with eMail S Payee Match — Payee Match T Payee Match/CHQ — Payee Match/Cheque Issuance U Payee Match/DA — Payee Match/DA V Fax Only — FAX Remittance Only W eMail Only — eMail Remittance Only **Mandatory that field is input in UPPERCASE LETTERS**

3	**Payment Amount**	**M**	**3**	**15***	**N RJ/ZF**	(Services A,B,C,D,P,Q,R,S,V,W default = 15) (including decimal point and 2 decimal places 999999999999.99) (Services = E,F,G,H,I,J,K,L,M,N,O,T,U) Max for ACH PDS/PAD = 11 including decimal point and 2 decimal places (99999999.99) Max for Cheque, DA = 11 including decimal point and 2 decimal places (99999999.99)
4	**Payment Date**	**M**	**18**	**8**	**Date**	CCYYMMDD
5	**Cheque/Trace/ Payment Number**	**M**	**26**	**30***	**AN LJ/SF**	Max for Services A, B, C, D, V, W default = 30 Max for ACH PDS/PAD = 15 (Services = E, F, G, H, I, J, K) Max for Wires = 8 numeric (Services = P, Q, R) Max for Cheques/Payee Match/DA = 8 (Services = L, M, N, O, S, T, U)

6	**Reference Information**	**O**	**56**	**30***	**AN LJ/SF**	Payment information at header level for FEDI, Fax or Email (Services A,B,C,D,V) Cheques - for memo information on the face of the cheque. (Max = 24) (Services = L,M,N,T) Wires - to report Bank to Bank information 1st Occurrence. The 2nd occurrence is located at position 709 for 35 characters. **Note:** Used to report payment detail information.
7	**Currency (Originator)**	**O**	**86**	**3**	**AN LJ/SF**	Currency of originator's account (debit account) "CAD" or "USD"
8	**Source Bank/Branch Number**	**O**	**89**	**9**	**AN**	Format: 000300002 (must be an RBC account) 0003 = bank number 00002 = branch number - All 9 characters must be filled. **Mandatory** - If NOT using the vendor database
9	**Source Bank Account Number**	**O**	**98**	**7**	**AN**	All Royal Bank accounts are 7 digits. All 7 characters must be filled. **Mandatory** - If NOT using the vendor database
10	**Vendor ID**	**O**	**105**	**15***	**AN LJ/SF**	**Mandatory** - If using the vendor database (Min = 2)
11	**Vendor Name**	**M**	**120**	**60***	**AN LJ/SF**	Max for ACH PDS/PAD = 35 (Services = E, F, G, H, I, J, K) Max for Cheque Issuance = 35 (Services = L,M,N,T) Max for Wires = 35 (Services = P, Q, R) Max for Remittance Fax/email = 35 (Service V, W) Max for Payee Match = 35 (Services = T) Max for Payee Match = 60 (Services = S, U)
12	**Additional Vendor Name**	**O**	**180**	**60**	**AN LJ/SF**	**Payee Match Only or Payee Match/DA** (Services = S,U) **Note:** Not applicable for Payee Match/Cheque Issuance (Service = T)
13	**Vendor Address Line 1**	**O**	**240**	**55***	**AN LJ/SF**	**Mandatory** – Max = 35* ACH PDS/PAD outside Canada (Services = E,F,G,H,I,J,K) *NOTE: P.O Boxes are not acceptable, this field must include full street address.* **Mandatory** - Cheque Issuance when Delivery Option = 000 Max = 35* (Services = L,M,N) **Mandatory** – Max for Wires = 35* (Services P, Q, R) **Mandatory** – Max for Payee Match = 55 (Services = S, U) **Mandatory** – Max for Payee Match = 35* (Services = T)

#	Field Name	Req	Start Position	Length	Format	Comments
14	**Vendor Address Line 2 /** **OR** **GSAN (ACH)**	**O**	**295**	**55***	**AN LJ/SF**	**Optional** - Cheque Issuance when Delivery Option = 000 Max = 35 (Services = L,M,N,T) **Optional** – Max for Payee Match = 35 (Services = T, U) Max for Payee Match = 55 (Services = S) **Optional** - ACH GSAN Max = 10 (Services = E,F,G,H,I,J,K)
15	**Vendor Address Line 3 /** **OR** **Short Name (ACH)**	**O**	**350**	**55***	**AN LJ/SF**	**Optional** - Cheque Issuance when Delivery Option = 000 Max = 35* (Services = L,M,N,T) **Optional** – Max for Payee Match = 35* (Services = T, U) Max for Payee Match = 55 (Services = S) **Optional** - Max for ACH Short Name = 15* (Domestic ACH Payments) Max for ACH Short Name = 35* (Cross Border ACH Payments) (Services = E,F,G,H,I,J,K)
16	**Vendor City**	**O**	**405**	**30***	**AN LJ/SF**	**Mandatory** – ACH PDS/PAD outside Canada (Services = E,F,G,H,I,J,K) **Mandatory** – Max for Wires = 20* (Services = P,Q,R) **Mandatory** – Payee Match (Services = N,S,T,U) **Mandatory** - Cheque Issuance when Delivery Option = 000 (Services = L,M,N,T)
17	**Vendor Province/State**	**O**	**435**	**2**	**AN LJ/SF**	**Mandatory** – ACH PDS/PAD outside Canada (Services = E,F,G,H,I,J,K) **Mandatory** – Wires, Payee Match (Services = N,P,Q,R,S,T,U) **Mandatory** - Cheque Issuance when Delivery Option = 000 (Services = L,M,N,T)
18	**Vendor Postal Code/Zip Code**	**O**	**437**	**15***	**AN LJ/SF**	**Mandatory** – ACH PDS/PAD outside Canada (Services = E,F,G,H,I,J,K) **Mandatory** – Wires, Payee Match (Services = N,P,Q,R,S,T,U) **Mandatory** - Cheque Issuance when Delivery Option = 000 (Max = 9*) (Services = L,M,N,T) For U.S. Zip Codes do not include the '-', numbers only
19	**Vendor Country Code**	**O**	**452**	**2**	**AN LJ/SF**	**Mandatory** - Wires, Payee Match (Services = N,P,Q,R,S,T,U) **Mandatory** - Cheque Issuance when Delivery Option = 000 (Services = L,M,N,T) **Mandatory** - ACH PDS/PAD outside Canada (Services = E,F,G,H,I,J,K)
20	**Vendor Contact Name**	**O**	**454**	**35**	**AN LJ/SF**	**Mandatory** - Fax or email remittances (Services = C, D, F, G, J,K,Q,R,V,W)
21	**Vendor Fax Number**	**O**	**489**	**15**	**AN LJ/SF**	**Mandatory** - Fax remittances (Services = C, F, J,Q,V) Format: 9051231234 - no "-" or "( )"
22	**Vendor Email Address**	**O**	**504**	**80**	**AN LJ/SF**	**Mandatory** - Email remittances (Services = D,G,K, R, W) Format: john.smith@abccompany.com

23	**Remittance Language**	O	584	1	AN	E = English, F = French, Blank = bilingual
24	**Vendor Bank/Branch Number**	O	585	9	AN RJ/ZF	For Canadian Banks - 0003 bank number (4) 00002 branch number (5) For US Banks - ABA routing number (9) Not Required for Cheque, DA, Payee Match (Services = L,M,N,O,S,T,U,V,W) **Mandatory** - If NOT using the vendor database
25	**Vendor Bank Account Number / IBAN #**	O	594	35	AN LJ/SF	Not Required for Cheque, DA, Payee Match (Services = L,M,N,O,S,T,U,V,W) **Mandatory** - If NOT using the vendor database
26	**Cheque Issuance Delivery Options/ OR** **ACH PDS/PAD Outside Canada Transaction Code**	O	629	3	AN RJ/SF	**Mandatory** (Services = L,M,N,T) "000" = Mail Cheque to Payee "999" = Return Cheque to Originating Client **Mandatory** - ACH PDS/PAD outside of Canada – add Transaction code. (Services = E,F,G,H,I,J,K) *ACH-PDS – Payment outside Canada* DCC = Demand Credit PDC = Savings Credit *ACH-PAD – Payment outside Canada* DCD = Demand Debit PDD = Savings Debit
27	**D/A and Payee Match Transaction Code/ OR** **ACH PDS/PAD Outside Canada Transaction Type**	O	632	3	AN RJ/SF	**Mandatory** - (Services = M,N,O,S,T,U) 300 Issued Cheque ANY OTHER CHANGES OR QUERIES TO DA CHEQUES SHOULD BE DONE VIA RBC EXPRESS. **Mandatory** - ACH PDS/PAD outside of Canada – add Transaction Type code (Services = E,F,G,H,I,J,K) ANN (Annuity) BUS (Business/Commercial) DEP (Deposit) LOA (Loan) MIS (Miscellaneous) MOR (Mortgage) PEN (Pension) RLS (Rent/Lease) SAL (Salary/Payroll) TAX (Tax) WEB (Internet Initiated Transaction) **Optional** - ACH PDS/PAD inside Canada – add CPA Transaction code (Services = E,F,G,H,I,J,K) **Refer to CPA website for details. http://www.cdnpay.ca**
28	**Currency (Receiver)**	O	635	3	AN LJ/SF	Currency of receiver's account (credit account) **Mandatory** for Wire Payments (Services = P,Q,R) **Mandatory** for ACH Currency Conversion (Services = E, F,G,H,I,J,K)
29	**Currency Conversion Code**	O	638	1	AN LJ/SF	**Mandatory** for Wire Payments Only (Services = P,Q,R) "1" = No currency conversion required "2" = Currency conversion required
30	**Special Instructions 1**	O	639	35	AN LJ/SF	Used for cheque printing (Cheque stub descriptive message) (Services = L,M,N,T) 1st occurrence For Wires to report Bank to Bank information **OR** For Wires to provide Branch to Branch information (RBC to RBC payments) (Services = P,Q,R) 1st occurrence **Mandatory If Applicable** **-** ACH PDS/PAD outside of Canada – Correspondent Bank Name (Services = E,F,G,H,I,J,K) *NOTE: This field is mandatory if Correspondent Bank other than RBC is used.*

#	Field Name	Req	Start Position	Length	Format	Comments
31	**Special Instructions 2**	O	674	35	AN LJ/SF	Used for cheque printing (Cheque stub descriptive message) (Services = L,M,N) 2nd occurrence For Wires to report Bank to Bank information (Services = P,Q,R) 2nd occurrence **Mandatory If Applicable -** ACH PDS/PAD outside of Canada – Correspondent Bank ID Qualifier (2) / Bank/Branch Country Code (3) ○ **National Clearing System** = 01 ○ **BIC =** 02 ○ **IBAN** = 03 (Services = E,F,G,H,I,J,K) *NOTE: This field is mandatory if Correspondent Bank other than RBC is used.*
32	**Special Instructions 3**	O	709	35	AN LJ/SF	Used for cheque printing (Cheque stub descriptive message) (Services = L,M,N) 3rd Occurrence For Wires to report Bank to Bank information (Services = P, Q, R) 2nd occurrence. The 1st occurrence is located at position 56 for 30 characters. **Note:** Used to report payment detail information. Only available for Bank to Bank wires. **Mandatory If Applicable -** ACH PDS/PAD outside of Canada – Correspondent Bank Routing Number (Max = 34) (Services = E,F,G,H,I,J,K) *NOTE: This field is mandatory if Correspondent Bank other than RBC is used.*
33	**Vendor Bank Name OR** **Originator Bank Name / Country Code**	O	744	35	AN LJ/SF	**Mandatory** for Wires outside of Canada (Services = P,Q,R) **Mandatory If Applicable -** ACH PDS/PAD outside of Canada – Originator Bank Name (32) / Country Code (3) (Services = E,F,G,H,I,J,K) *NOTE: This field is mandatory if Originator Bank if different than RBC.*
34	**Vendor Bank Address Line 1 OR** **Originator Bank Routing Number / Qualifier**	O	779	35	AN LJ/SF	**Mandatory** for Wires outside of Canada (Services = P,Q,R) **Mandatory If Applicable -** ACH PDS/PAD outside of Canada – Originator Bank Routing Number (34) / Qualifier (1) ○ **National Clearing System** = 1 ○ **BIC =** 2 ○ **IBAN** = 3 (Services = E,F,G,H,I,J,K) *NOTE: This field is mandatory if Originator Bank if different than RBC.*
35	**Vendor Bank Address Line 2**	O	814	35	AN LJ/SF	Optional for Wires outside of Canada (Services = P,Q,R)
36	**Vendor Bank City**	O	849	30*	AN LJ/SF	**Mandatory** for Wires outside of Canada (Max = 18) (Services = P,Q,R)

#	Field Name	Req	Start Position	Length	Format	Comments
37	**Vendor Bank Province/State**	O	879	2	AN LJ/SF	**Mandatory** for Wires outside of Canada (Services = P,Q,R)
38	**Vendor Bank Postal Code/Zip Code**	O	881	9	AN LJ/SF	**Mandatory** for Wires outside of Canada (Services = P,Q,R)
39	**Vendor Bank Country Code**	O	890	2	AN LJ/SF	**Mandatory** for Wires (Services = P,Q,R) **Mandatory** for ACH PDS/PAD outside Canada (Services = E, F,G,H,I,J,K)

Record Format:

DETAIL RECORD:

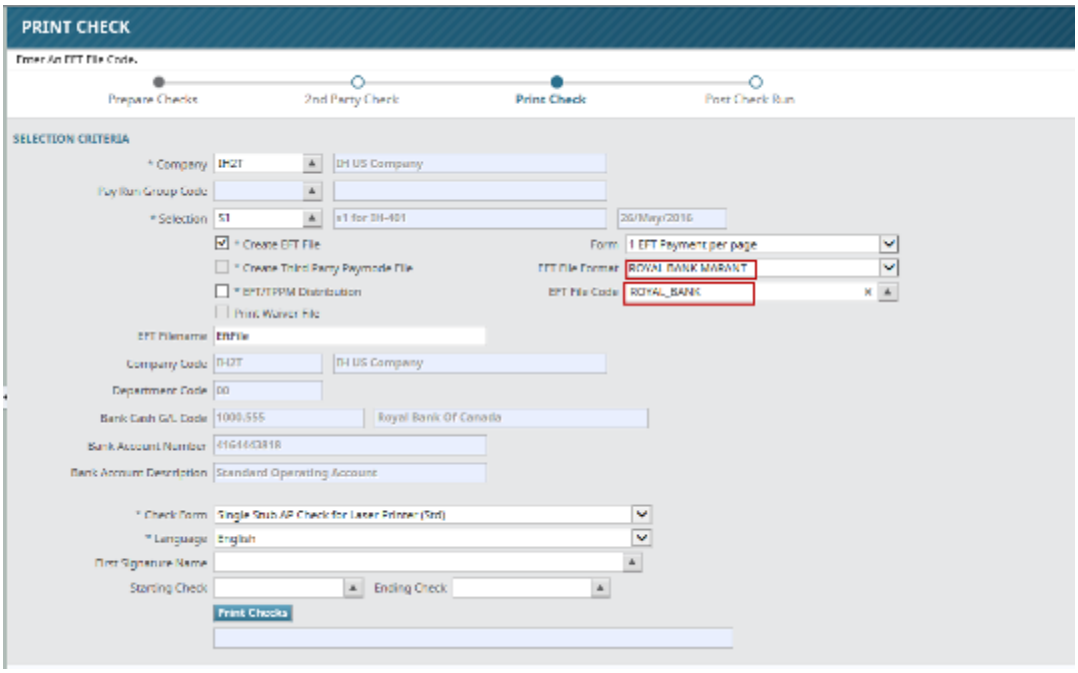
Detail records are NOT required for: Pay Only Transactions, Disbursement Auditor or Payee Match {Services A, H, O, P, S, U}

Detail records are OPTIONAL for: Services E, I

#	Field Name	Req	Start Position	Length	Format	Comments
1	**Tag**	M	1	1	AN	"D" for detail
2	**Reference Number**	O	2	24	AN LJ/SF	ACH PDS/PAD outside of Canada – optional remittance information passed to the ACH addenda record (Services = E,I) ACH PDS outside of Canada – US Tax Payments ONLY (Services = E) = TAX
3	**Reference Description**	O	26	30	AN LJ/SF	ACH PDS/PAD outside of Canada – optional remittance information passed to the ACH addenda record (Services = E,I) Not applicable for cheques, use Reference Information field for cheques.
4	**Invoice Date**	O	56	8	Date	CCYYMMDD
5	**Net Amount**	O	64	15	N RJ/ZF	999999999999.99 **Note:** Max for cheque printing is 10 **Note:** To indicate a credit note use a hyphen, i.e. $5.00 credit note is: -00000000005.00
6	**Gross Amount**	O	79	15	N RJ/ZF	999999999999.99 **Note:** Max for cheque printing is 10
7	**Discount Amount**	O	94	15	N RJ/ZF	999999999999.99 **Note:** Max for cheque printing is 9
8	**Reference Information**	O	109	80	AN LJ/SF	Cheque Issuance Description (Services = L, M, N, T) Max =30 ACH PDS outside of Canada – US Tax Payments ONLY (Services = E) Refer to the NACHA Web site for the free publication of the **Tax Payment (TXP) Banking Convention - A Guide for Formatting Electronic Tax Payments** available at the following URL http://www.nacha.org/c/_content.cfm/AID/753

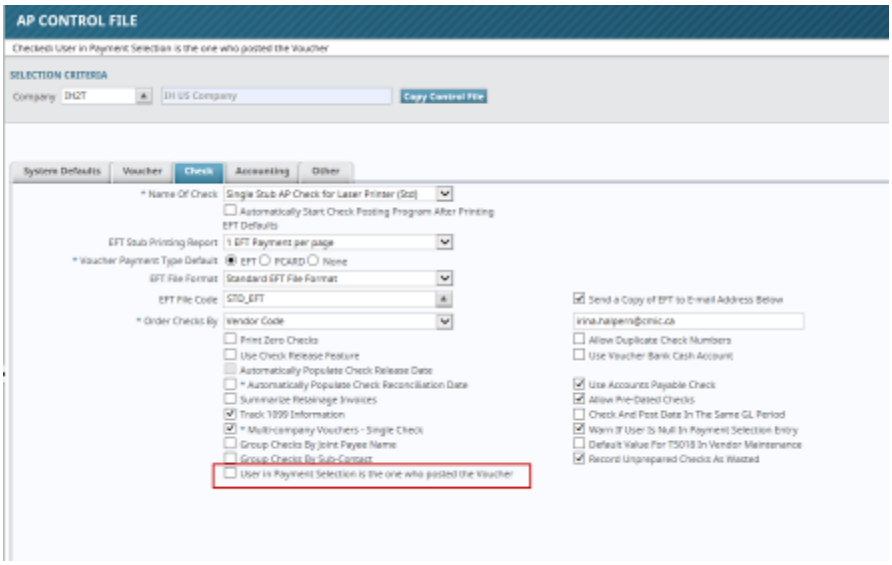
Total fields in detail record = 8, Total length of detail record = 188

The new Royal Bank EFT File Format is named as ROYAL BANK MARANT; the new EFT File Code is ROYAL_BANK as shown on the print screen below:



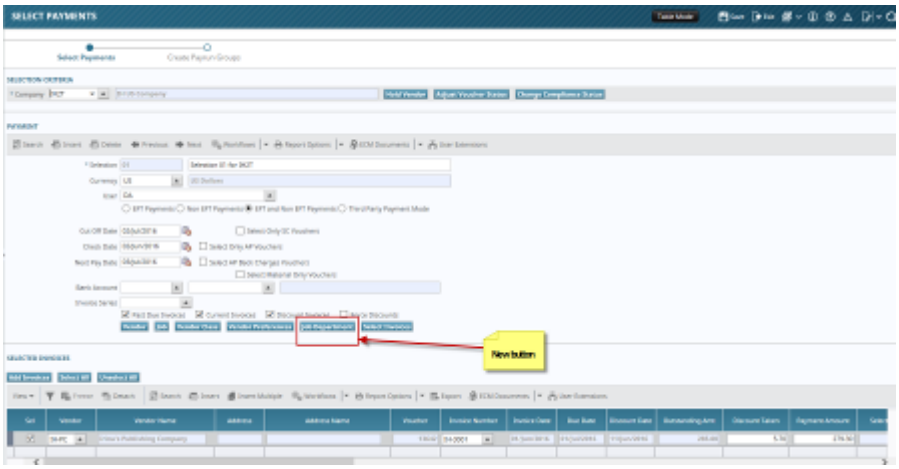
AP: Select Payment Enhancement (#16.16218)

CMiC has modified the AP Control File to have a new flag "User in Payment Selection is the one who posted the Voucher".



If the new AP Control flag in is checked, then the program will select vouchers that are *posted* by the User specified for that Payment Selection. If the flag is unchecked, then the program will behave as before – the program will select vouchers that are *created* by the User specified for that Payment Selection.

CMiC has modified The AP Payment Selection program to have new selection criteria for Job Department; the new button **Job Department** has been added to Select Payment screen.



If the Job Department is specified, then the program will select only the vouchers that have a Job Distribution and the Job has the Default Department specified for that Payment Selection.

PNC Bank Purchase Card File - Test Case (16.18664)

A new Purchase Card (PCard) for PNC Bank has been set up. New EFT format to be used with the card has been created based on the specifications provided by PNC Bank (each line of the file will contain the following fields; each field is separated by a comma):

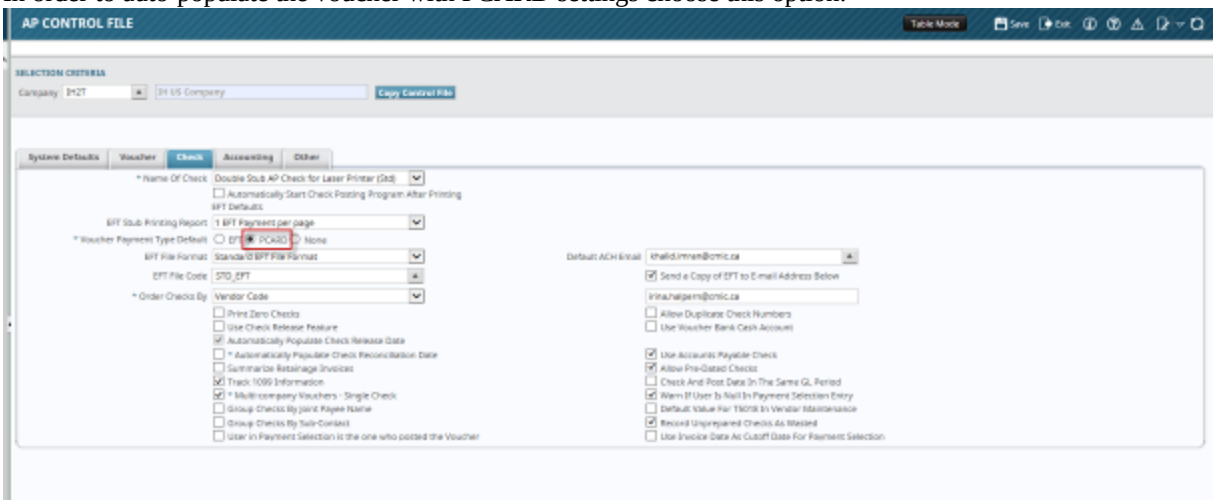
Field Name	Maximum	Field Type	Required	Notes

	Field Length		Y/N	
Merchant Code	50	A	Y	Vendor ID
Invoice Number	50	A	Y	Merchant Invoice Number
Invoice Date	10	D	Y	mm/dd/yyyy
Invoice Amount	14	N	Y	The Invoice Amount represents the total charged amount. Net Amount.
Tax Amount	14	N	N	
Discount Amount	14	N	N	
Freight Amount	14	N	N	
Client Payment Code	50	A	N (preferred)	Usually a unique identifier, e.g. check number
Client Reference Number	50	A	N	
Description	500	A	N	
UDF 1 Label	50	A	N	File can include up to 4 UDFs (User Defined Fields)
UDF 1 Value	50	User Defined (A, N, or D)	N	File can include up to 4 UDFs (User Defined Fields)
UDF 2 Label	50	A	N	File can include up to 4 UDFs (User Defined Fields)
UDF 2 Value	50	User Defined (A, N, or D)	N	File can include up to 4 UDFs (User Defined Fields)
UDF 3 Label	50	A	N	File can include up to 4 UDFs (User Defined Fields)
UDF 3 Value	50	User Defined (A, N, or D)	N	File can include up to 4 UDFs (User Defined Fields)
UDF 4 Label	50	A	N	File can include up to 4 UDFs (User Defined Fields)
UDF 4 Value	50	User Defined (A, N, or D)	N	File can include up to 4 UDFs (User Defined Fields)

Settings and Examples:

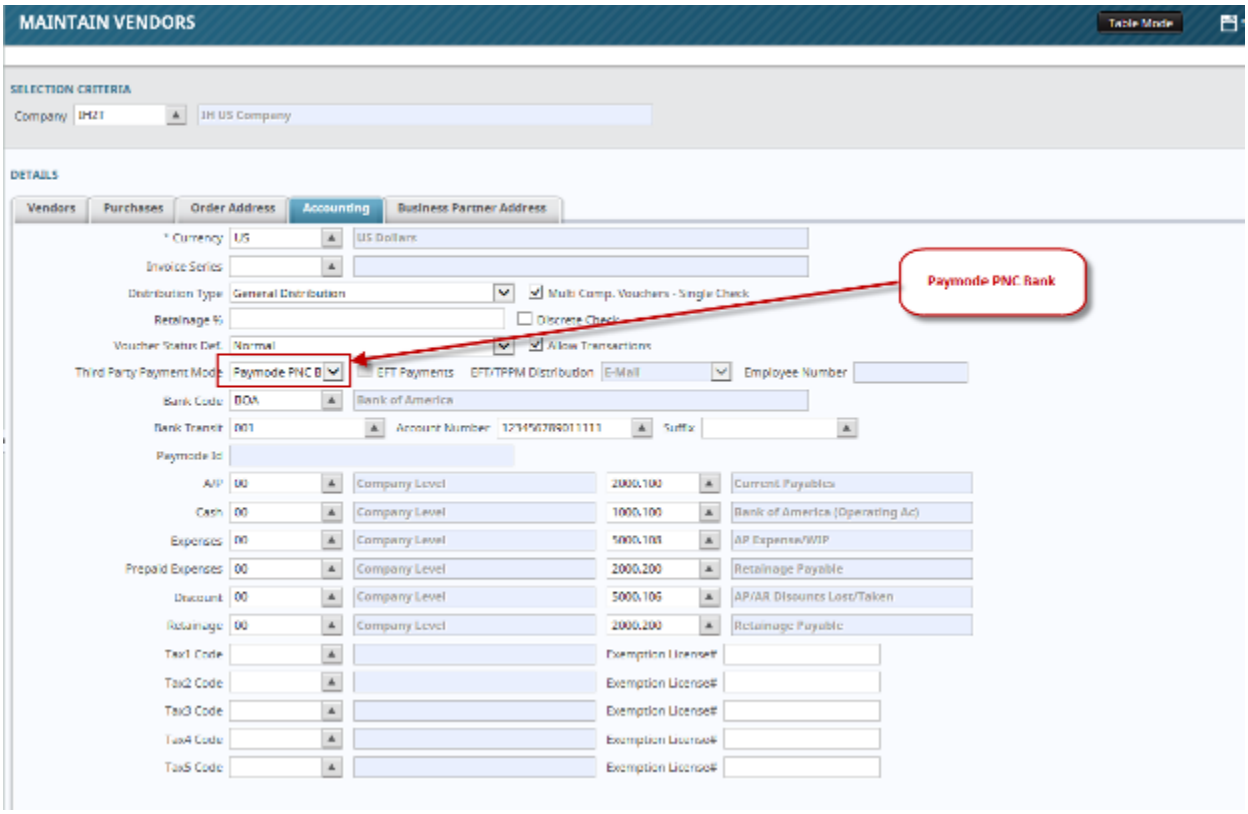
1. AP Control File setting:

In order to auto-populate the voucher with PCARD settings choose this option:

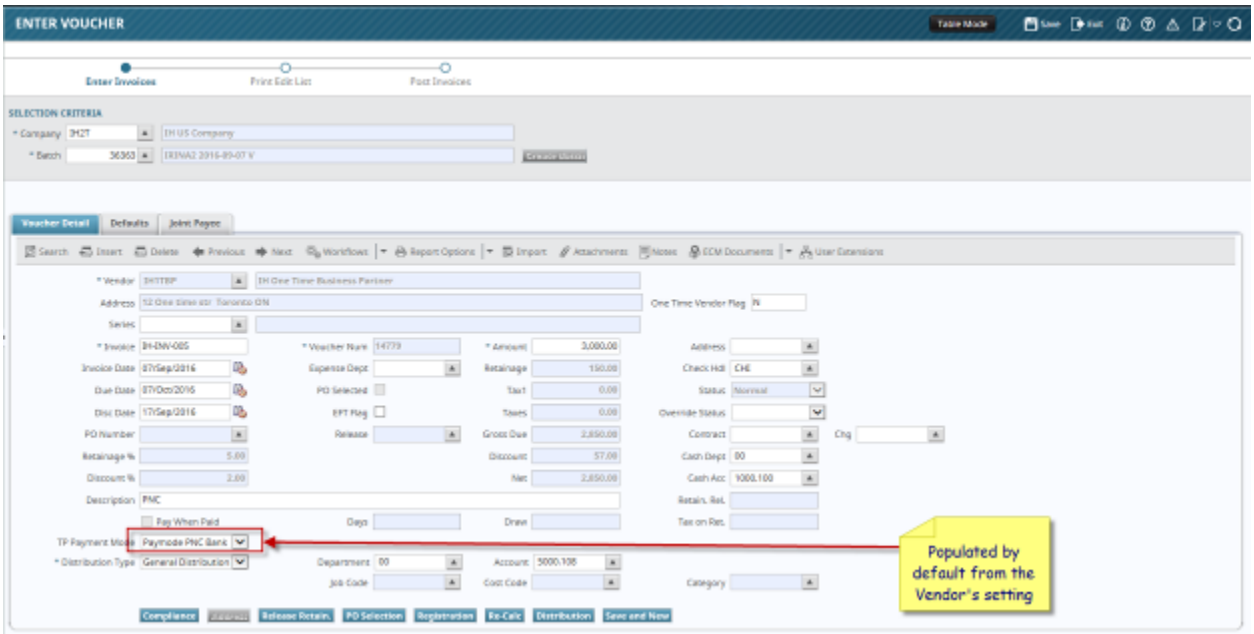


NOTE: This choice is not mandatory; the user also can choose "None" as an option – and manually adjust the settings on the Print Check screen.

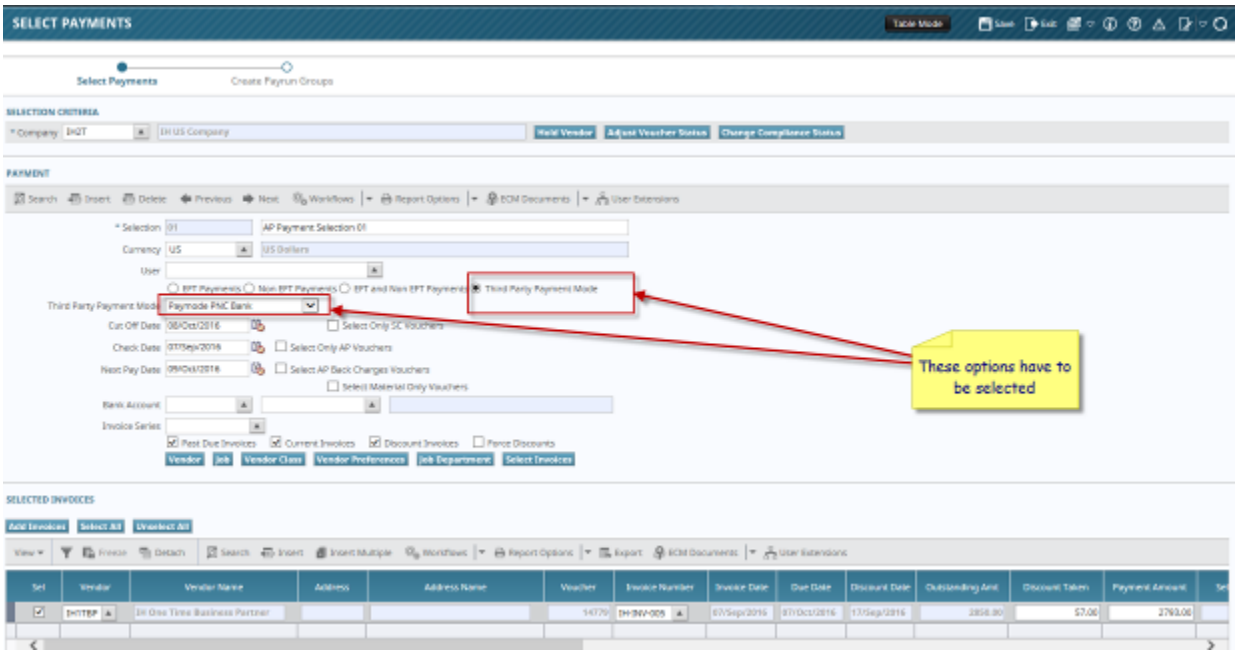
2. Vendor settings:



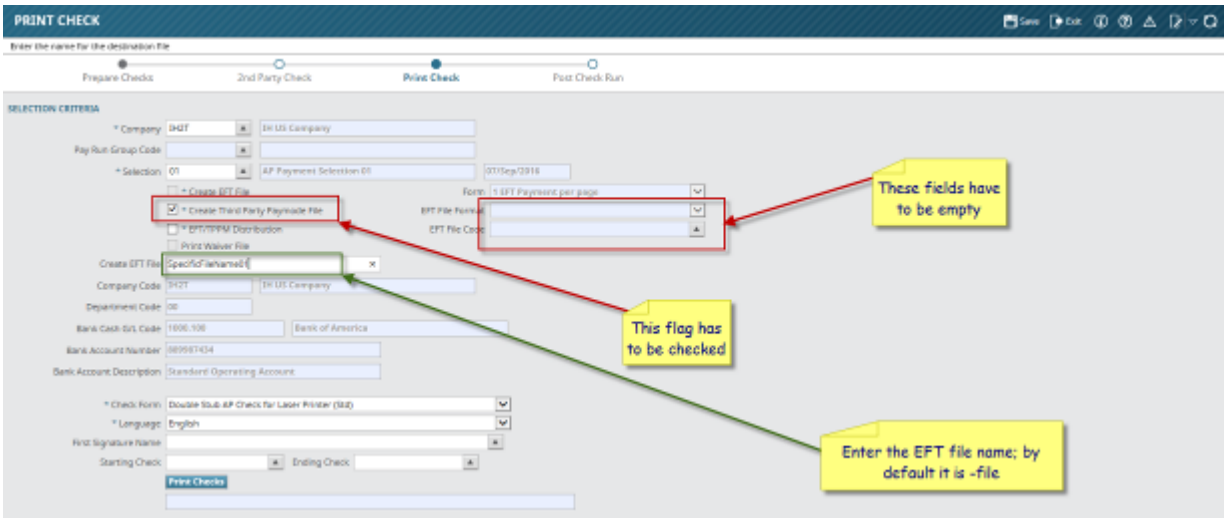
3. Create a Voucher:



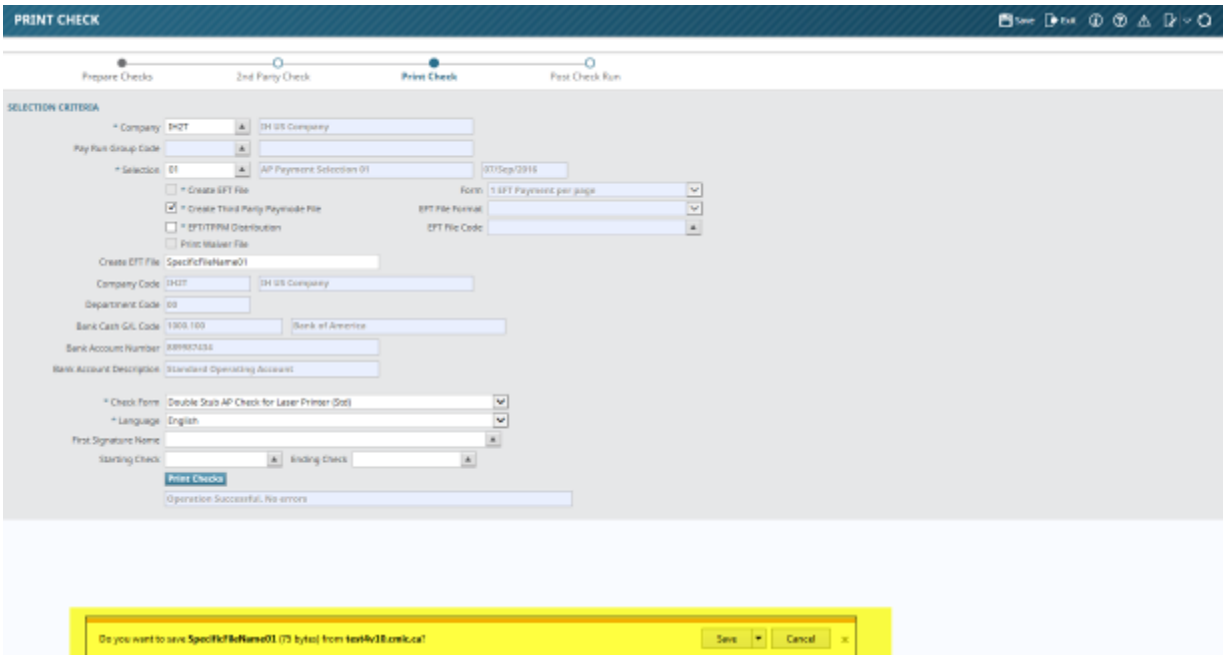
4. Payment selection:



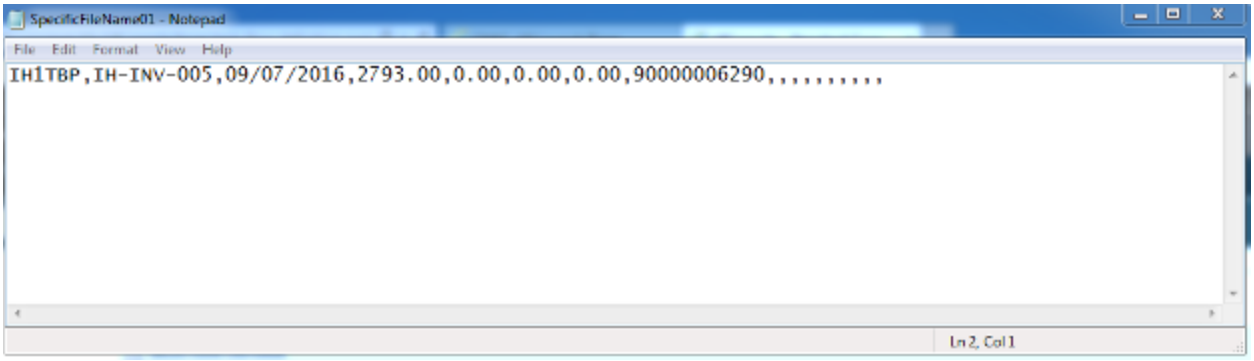
5. Prepare Checks; Print Checks



6. Upon pressing Print Checks button, the following message will appear:



7. The output EFT file looks like:



It is created according to the provided Active Pay Simple File Spec.

Summary:

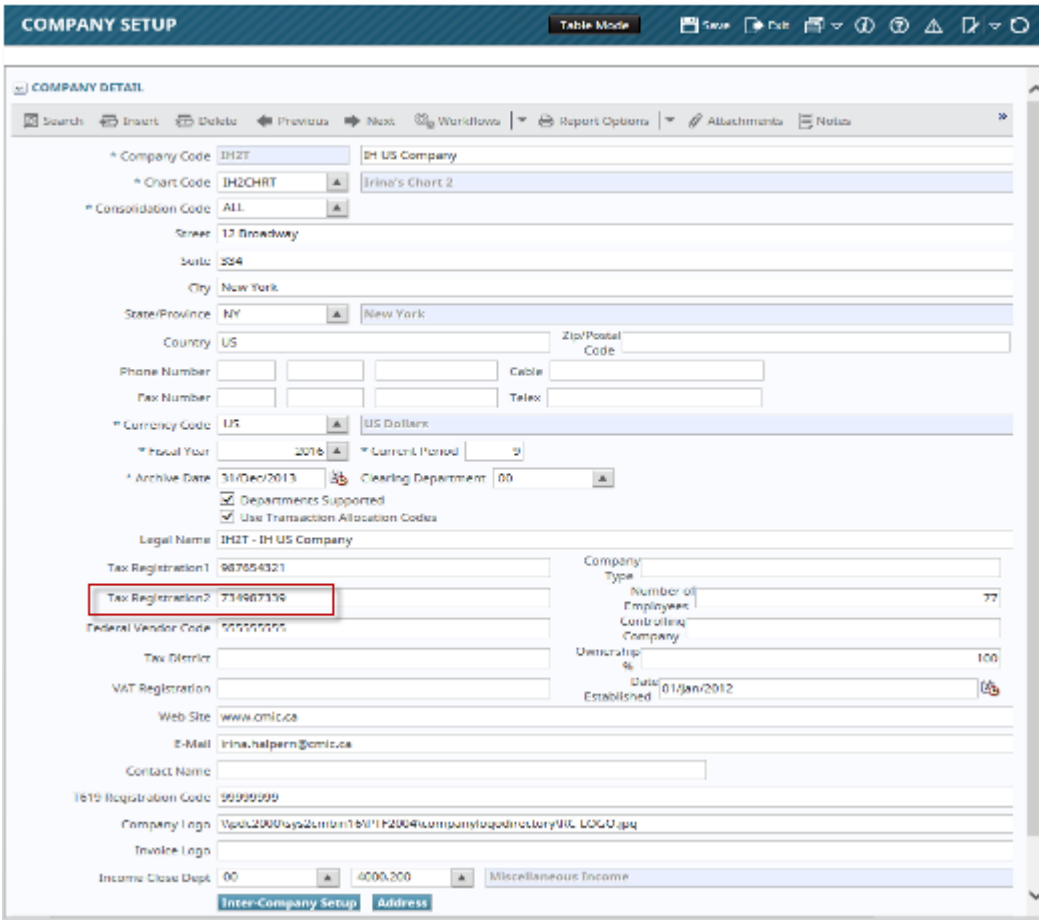
A new EFT Format for PNC Bank to be used with PCard functionality has been created based on the format provided by PNC.

The EFT Harris Bank Format adjustment: eliminate prefix 1 for the Company ID (16.24632)

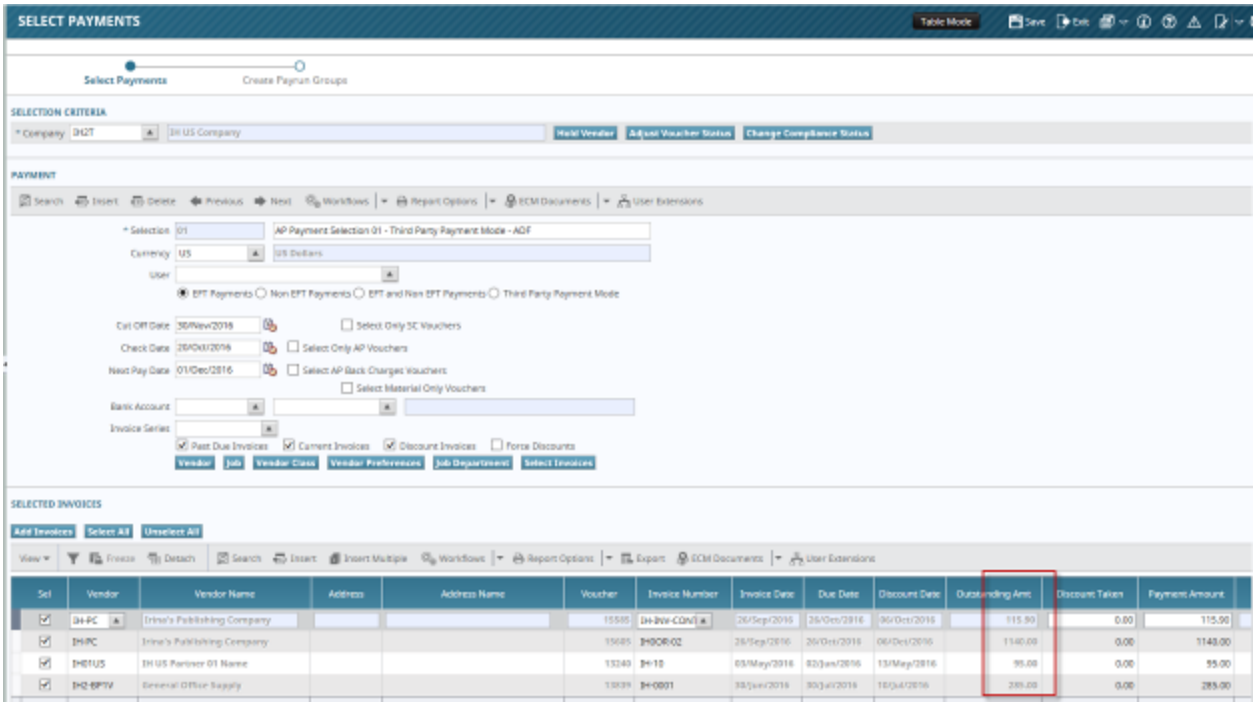
CMiC has created a new EFT Format for Harris Bank (Harris Bank 2). This format is the same as the existing Harris Bank format, but without the prefix 1 before Company ID.

Settings and Examples:

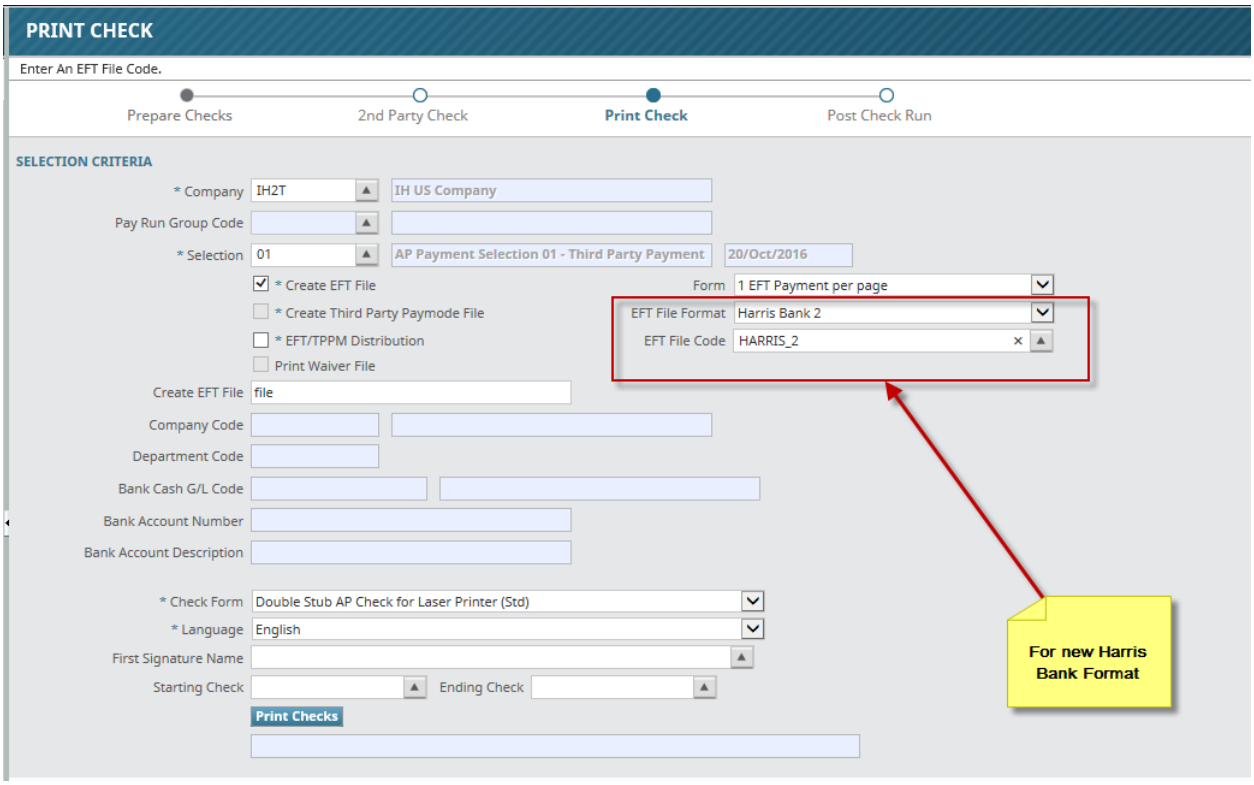
1. Set Company ID (Company ID is populated from Tax Registration2 field):



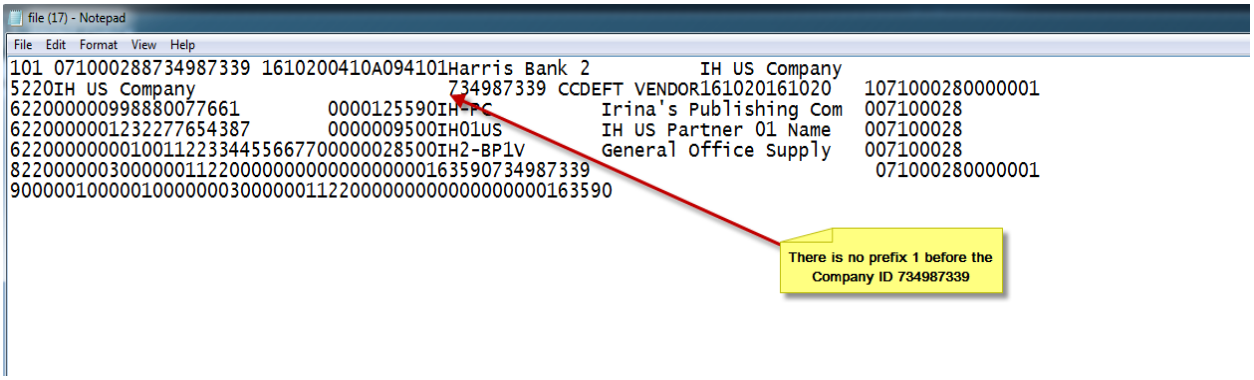
2. Select Payments:



3. Prepare and Print the Check:



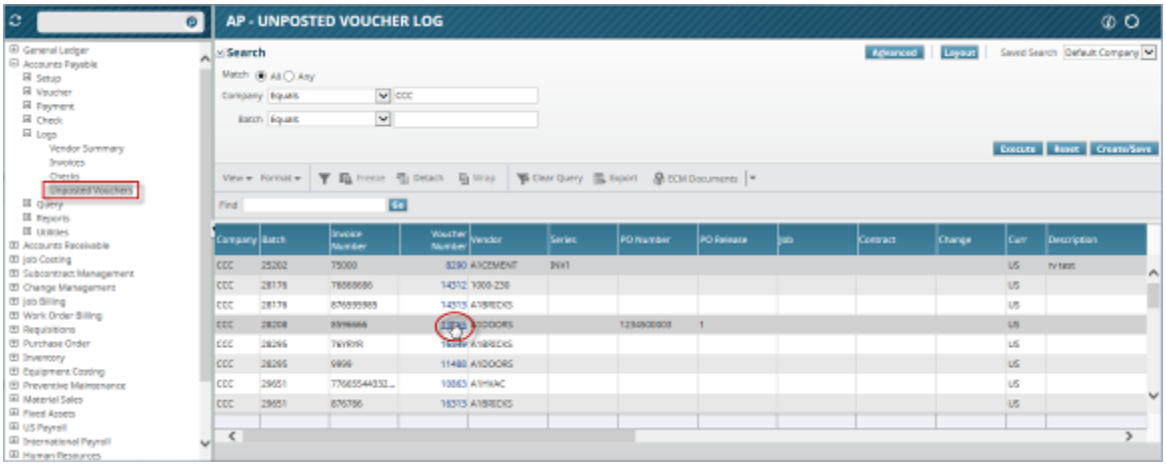
EFT file has been created:



Summary:

A new EFT Format for Harris Bank has been created. This format is based on the existing Harris Bank format; the only difference between these 2 formats is that in the new format the prefix 1 before Company ID is eliminated.

AP – Unposted Vouchers Log (16.20116)



Converted the AP Vouchers log from Enterprise forms to ADF.

This program is added to the Console treeview under AP application. When the program is invoked, the users AP default log on company code is populated.

The 'Unposted Voucher log' allows users to click on the 'Voucher Number', to open the voucher in the 'Voucher Entry' program for review or updates if required.

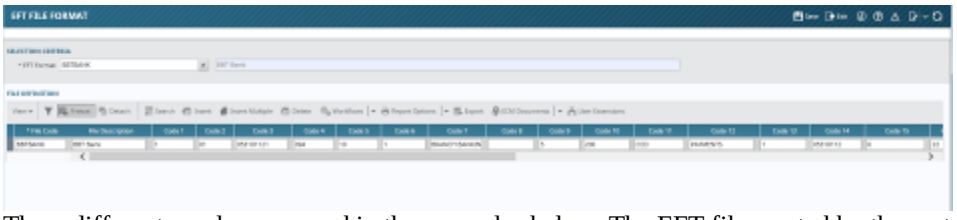
AP Payments via ACHEFT (16.23404)

Overview:

CMiC has created a new EFT Format for BB&T Bank per the specification attached to the issue.

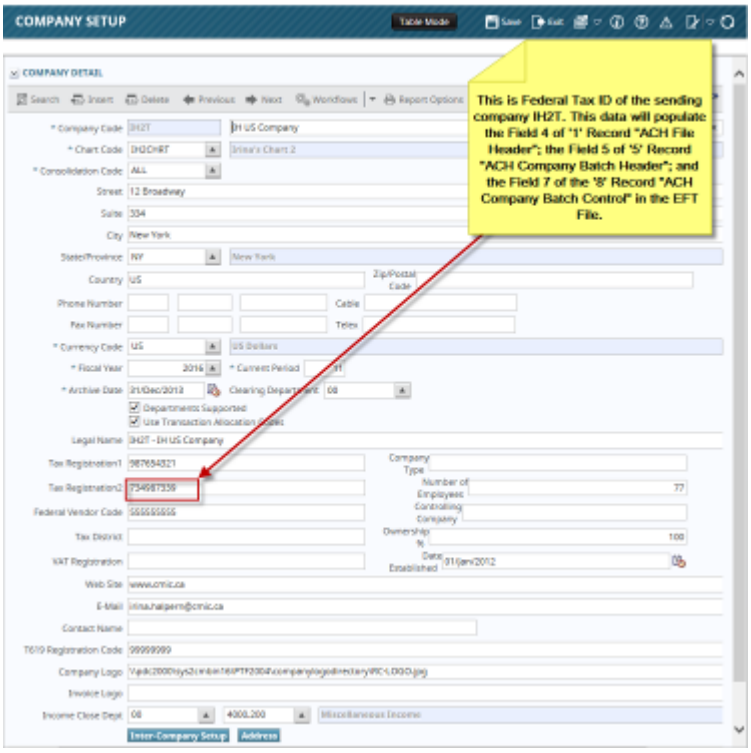
Settings and Examples:

New EFT Format for BB&T Bank has been created:

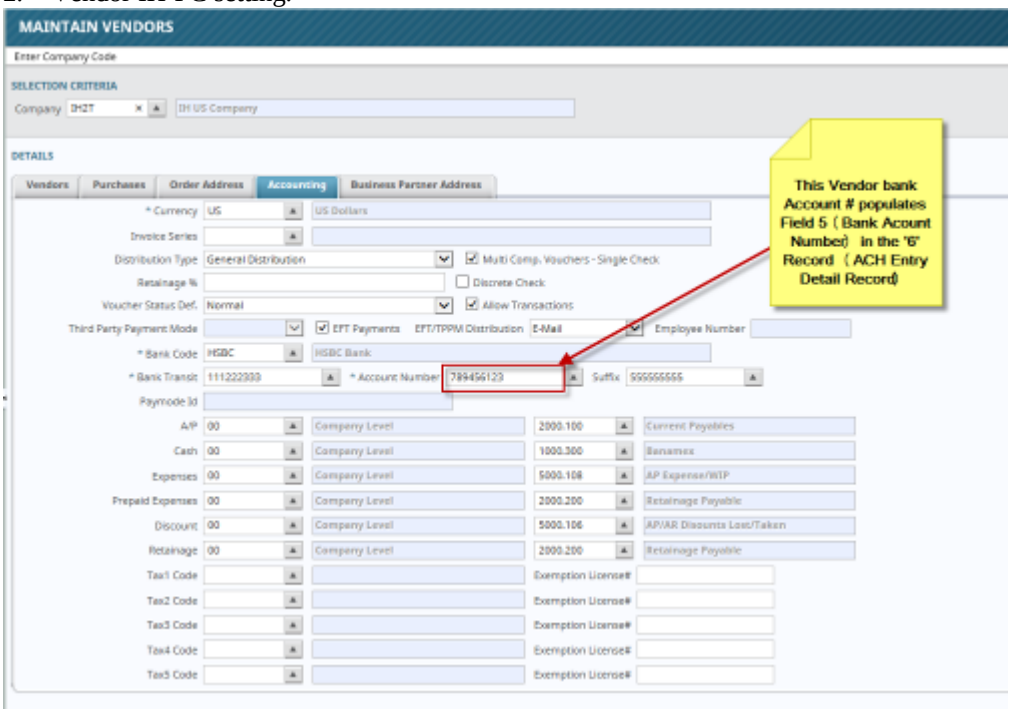


Three different vendors are used in the examples below. The EFT file created by the system is populated with data from the company and vendors' settings.

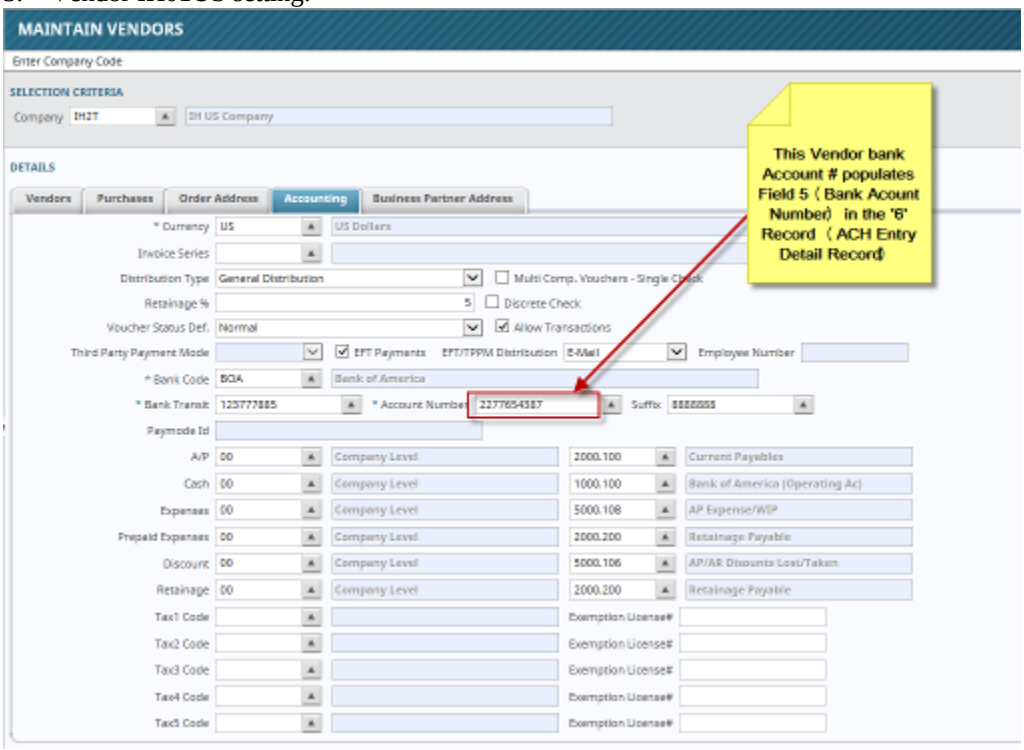
1. Company IH2T setting:



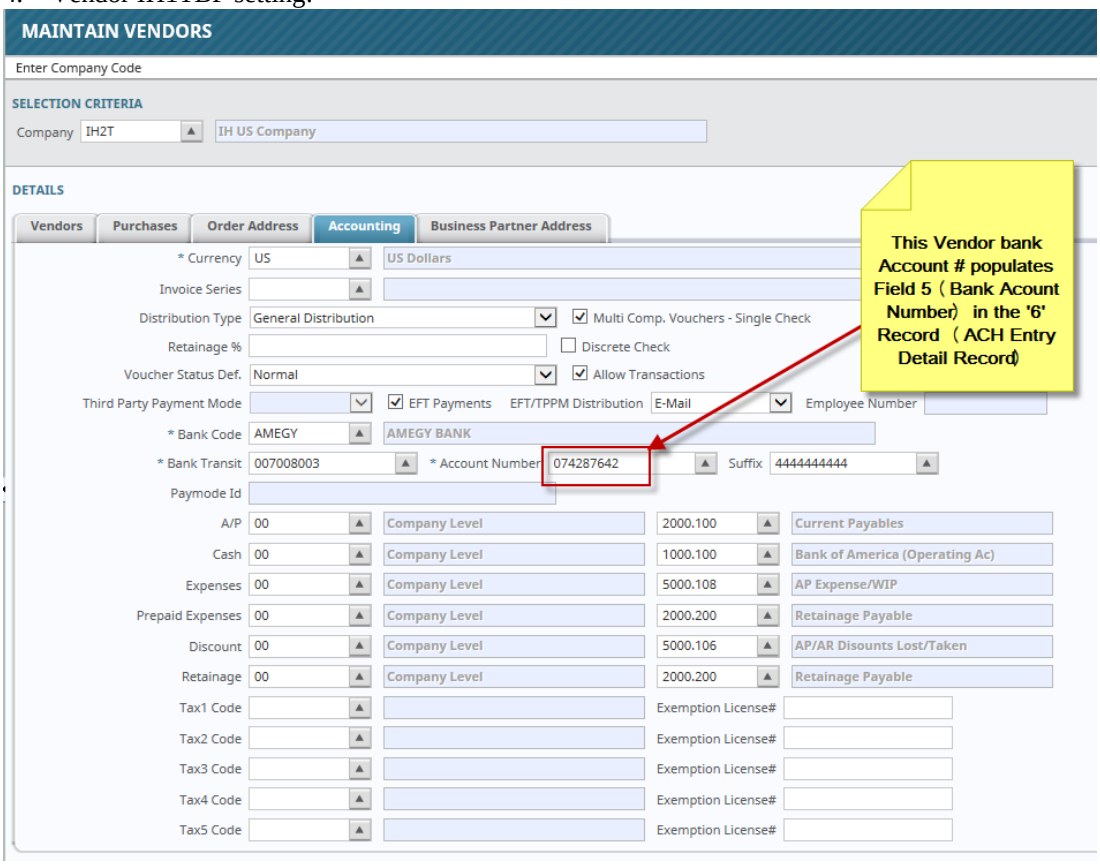
2. Vendor IH-PC setting:



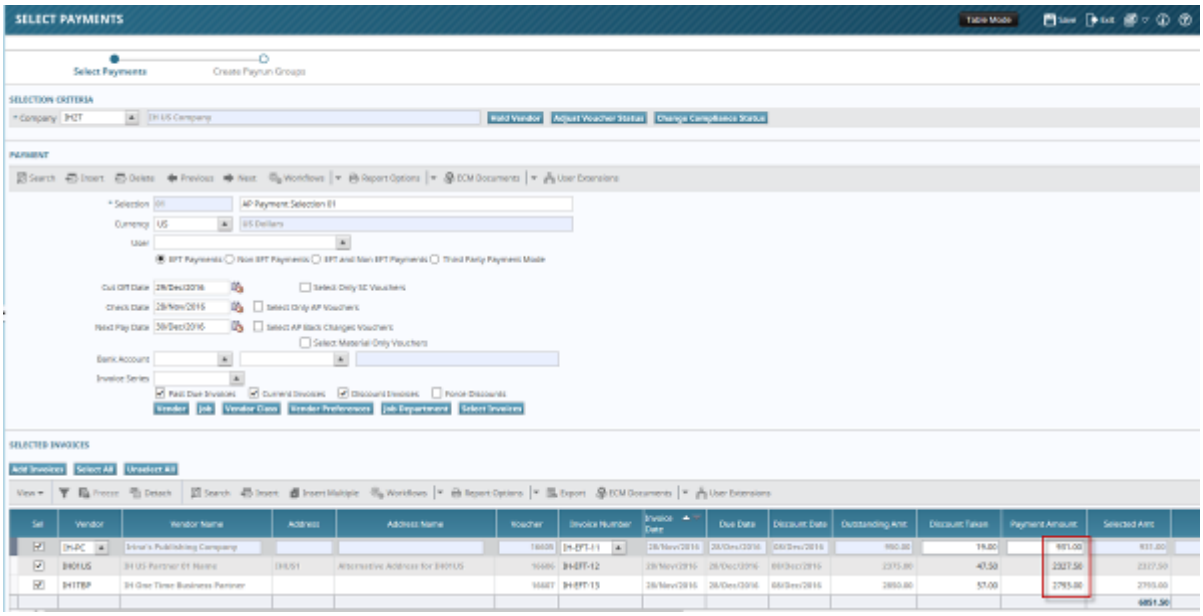
3. Vendor IH01US setting:



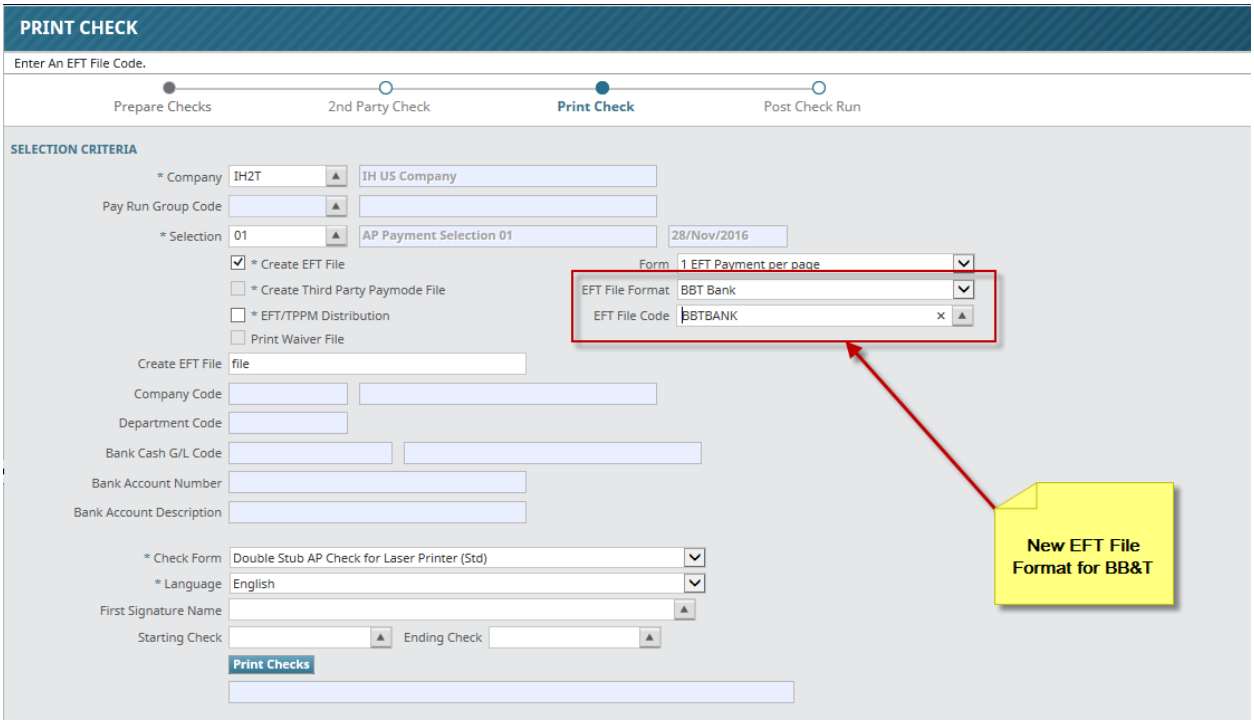
4. Vendor IH1TBP setting:



Three vouchers for the vendors above have been selected for the payment:



Print Check:



Checks stubs:

5675 Hunt Street Suite 500
Chicago, IL 60601 USA
Vendor IH-PC Irina's Publishing Company

The Check # populates the Field 7 "Individual ID Number" of "6" Record "ACH Entry Detail"

#.: 90000006933 Inv Date Nov 28, 2016

No.	Invoice	Inv Date	Description	Invoice Amount	Deduction	Pay
1	IH-EFT-11	Nov 28, 2016	BB&T EFT format 01	1,000.00	69.00	931.00
				Total:		931.00

5675 Hunt Street Suite 500
Chicago, IL 60601 USA
Vendor IH01US IH US Partner 01 Name

#.: 90000006934 Inv Date Nov 28, 2016

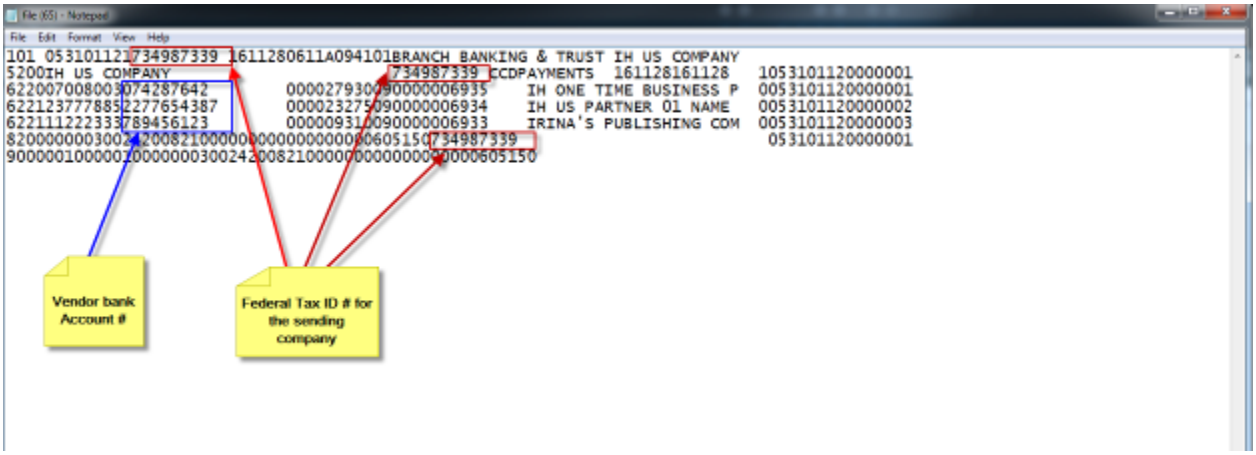
No.	Invoice	Inv Date	Description	Invoice Amount	Deduction	Pay
1	IH-EFT-12	Nov 28, 2016	BB&T EFT Format 02	2,500.00	172.50	2,327.50
				Total:		2,327.50

5675 Hunt Street Suite 500
Chicago, IL 60601 USA
Vendor IH1TBP IH One Time Business Partner

#.: 90000006935 Inv Date Nov 28, 2016

No.	Invoice	Inv Date	Description	Invoice Amount	Deduction	Pay
1	IH-EFT-13	Nov 28, 2016	BB&T EFT Format 03	3,000.00	207.00	2,793.00
				Total:		2,793.00

EFT File has been created:



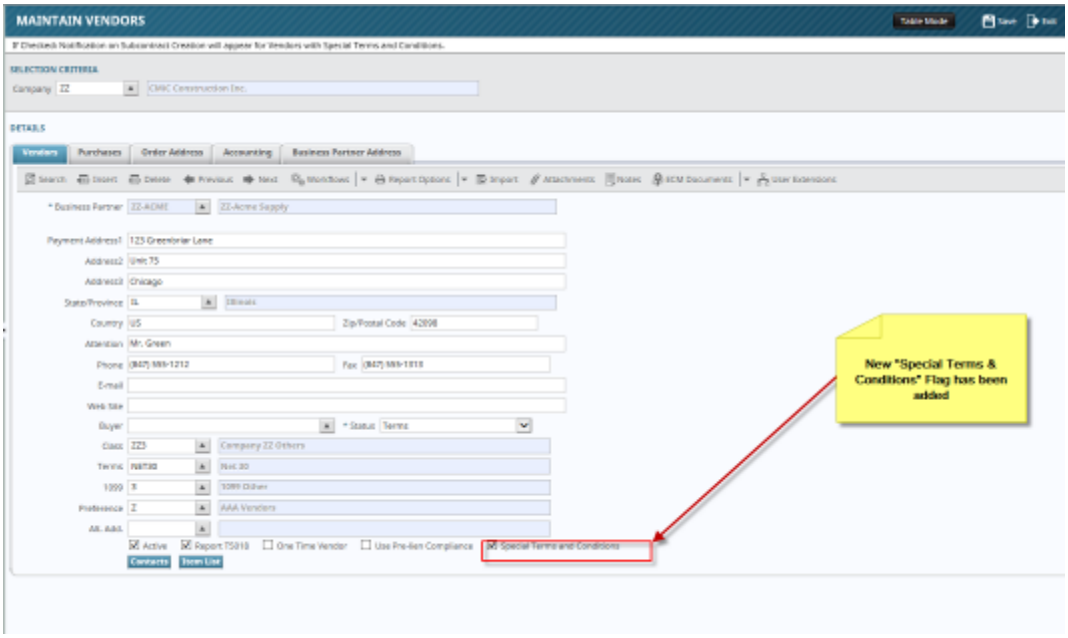
The created EFT file is consistent with the specification provided.

Summary:

CMiC has created a new EFT Format for BB&T Bank according to the specification attached to the issue.

Special Terms & Conditions Flag - Vendor Level (16.21149)

CMiC has added a new Flag (checkbox) labeled “Special Terms & Conditions” to the Maintain Vendor screen. The flag is used only for the purpose of custom functionality.



The new Compass Bank EFT file for PCard (16.22151)

Overview:

CMiC has created a new Compass Bank EFT File for PCard processing per customer requirements.

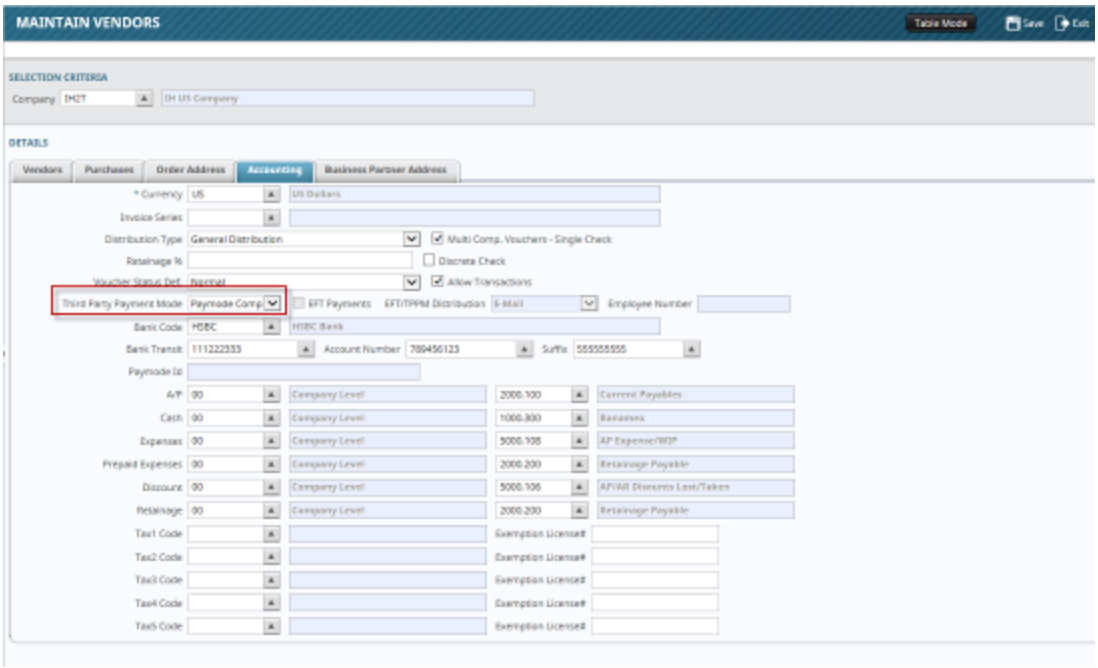
Settings and Examples:

According to the requirements, each record in the CSV file should have the following format:

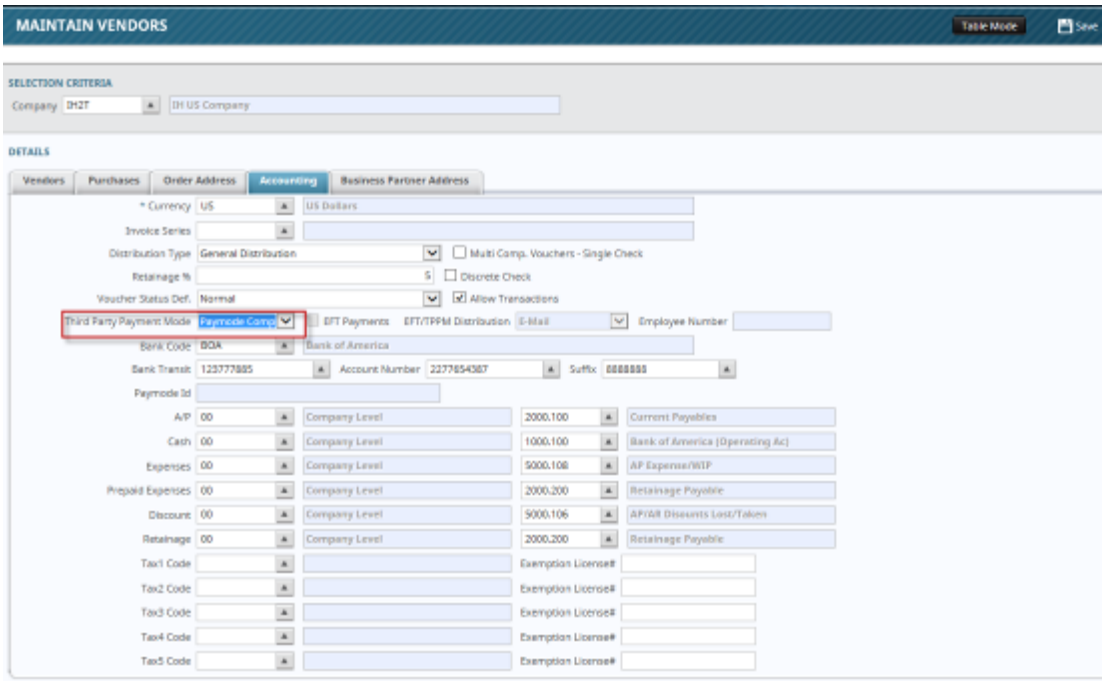
Vendor ID (up to 255 characters)	Invoice # (up to 50 chars)	Invoice Date (MM/DD/YYYY)	InvoiceAmount (up to 10 chars, decimal point included)	User Defined Field 1 Label (UDF1 Label) set as TOTALPAY ()	UFD1 value (voucher total pay)	UDF2 Label set as COMPANYCODE	UDF2 value (Company Code)	UDF3 Label set as COMPANYNAME	UDF3 value (Company Name)	UDF4 Label set as CHECKNUM	UDF4 value (Check Number)	UDF5 Label set as BANKACCT	UDF5 value (Bank Account Number)	UDF6 Label set as VOUCHERNUM	UDF6 value (Voucher Number)	UDF7 Label set as JOBCODE	UDF7 value (Job Code)

NOTE: The CVS file does not have a Header row; the records are created only for the positive check amount.

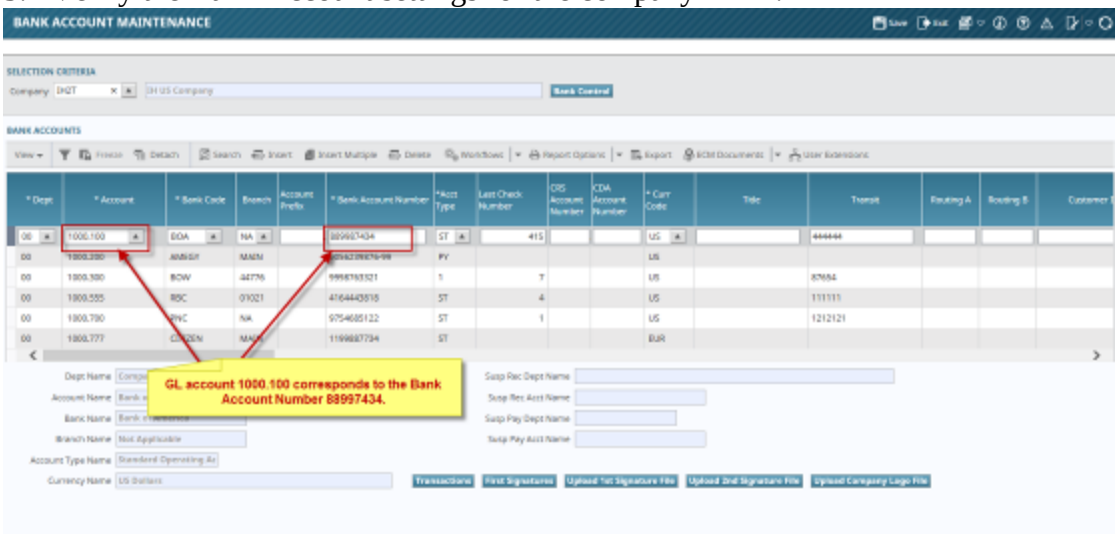
1. Set up Vendor IH-PC for Third Party Payment with Compass Bank:



2. Set up Vendor IH01US for Third Party Payment with Compass Bank:

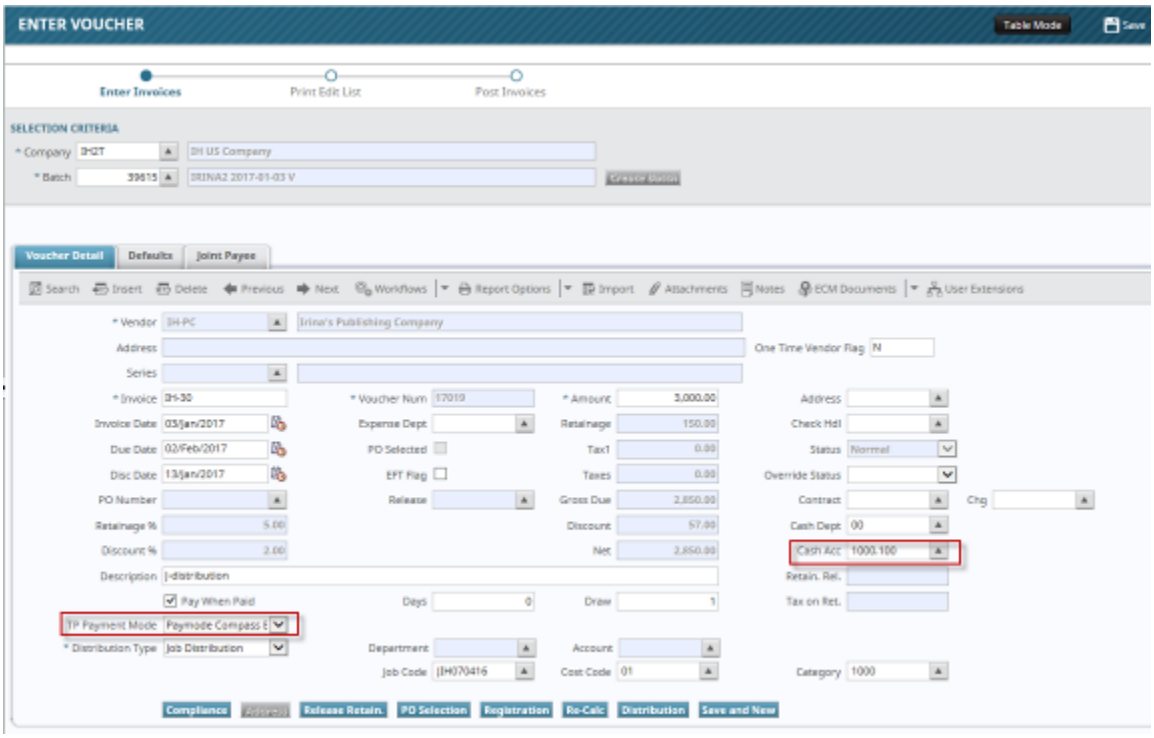


3. Verify the Bank Account settings for the company IH2T:

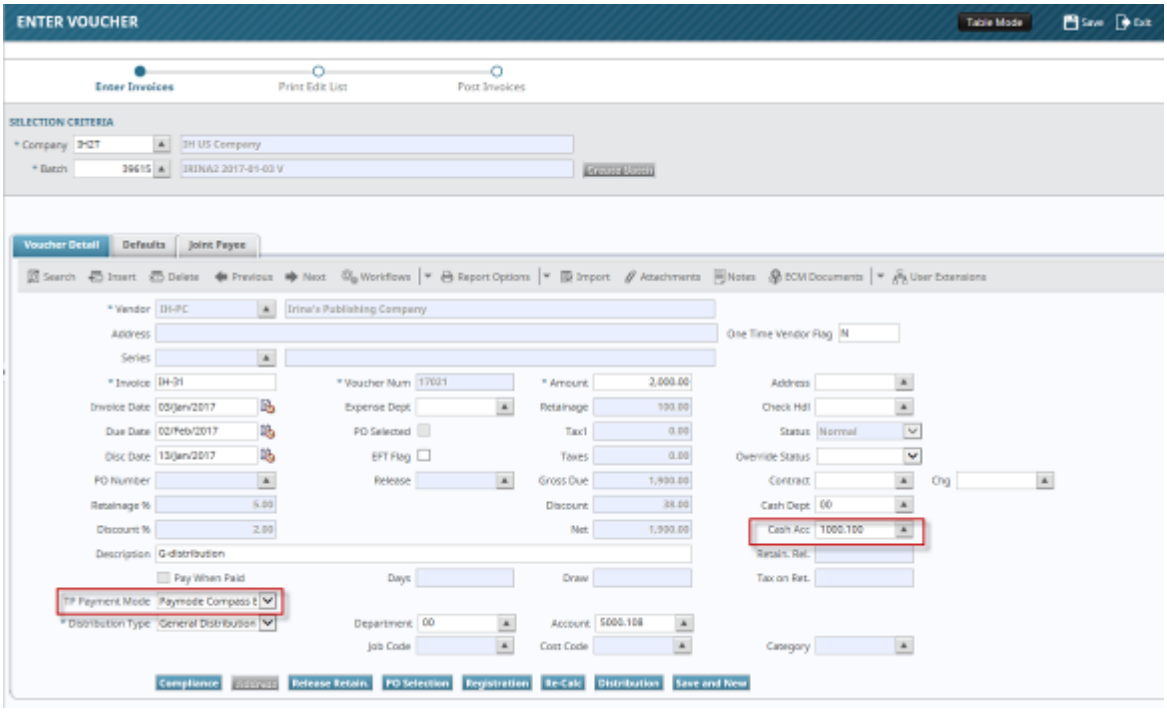


4. Create 3 vouchers (one for the vendor IH-PC and two – for IH01US):

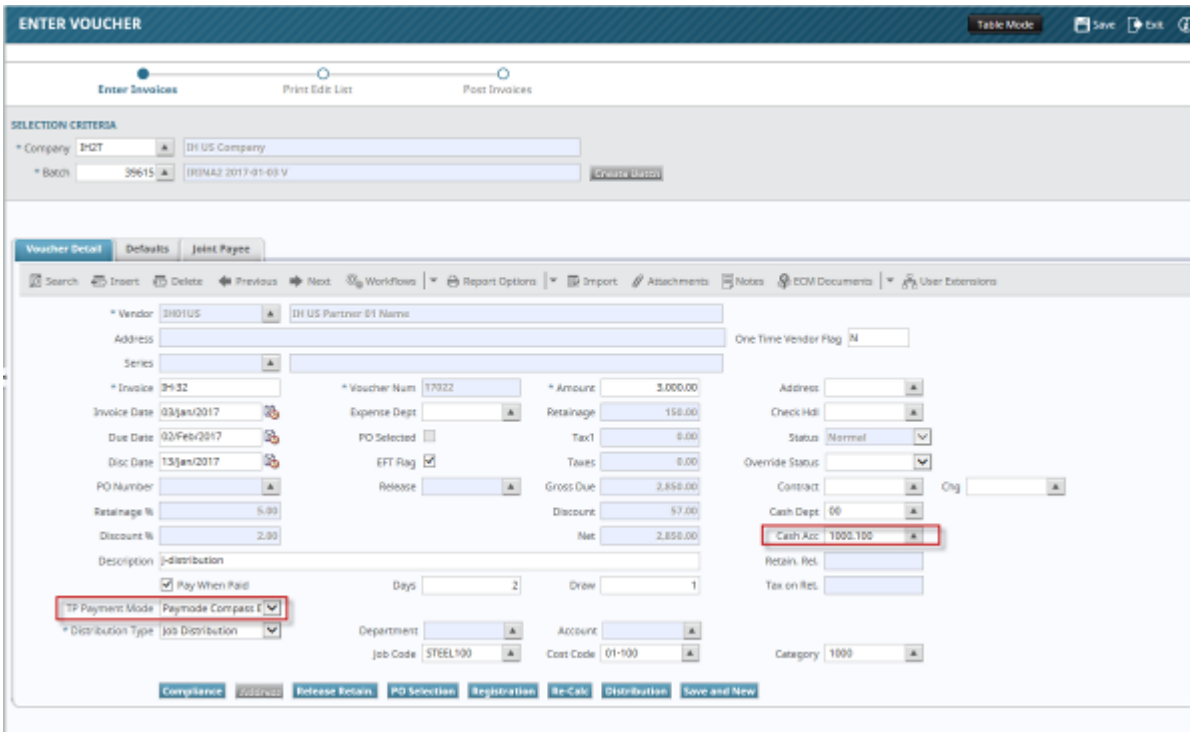
    a.


ENTER VOUCHER
Table Mode
Save
Enter Invoices
Print Edit List
Post Invoices
SELECTION CRITERIA
* Company
IH US Company
* Batch
IRINA2 2017-01-03 V
Voucher Detail
Defaults
Joint Payee
Search
Insert
Delete
Previous
Next
Workflows
Report Options
Import
Attachments
Notes
ECM Documents
User Extensions
* Vendor
Irina's Publishing Company
Address
One Time Vendor Flag
Series
* Invoice
* Voucher Num
* Amount
Invoice Date
Expense Dept
Retainage
Due Date
PO Selected
Tax1
Disc Date
EFT Flag
Taxes
PO Number
Release
Gross Due
Retainage %
Discount
Discount %
Net
Description
Pay When Paid
Days
Draw
TP Payment Mode
* Distribution Type
Job Distribution
Department
Account
Job Code
Cost Code
Address
Check Hdl
Status
Override Status
Contract
Chg
Cash Dept
Cash Acc
Retain. Rel.
Tax on Ret.
Category
Compliance
Release Retain.
PO Selection
Registration
Re-Calc
Distribution
Save and New

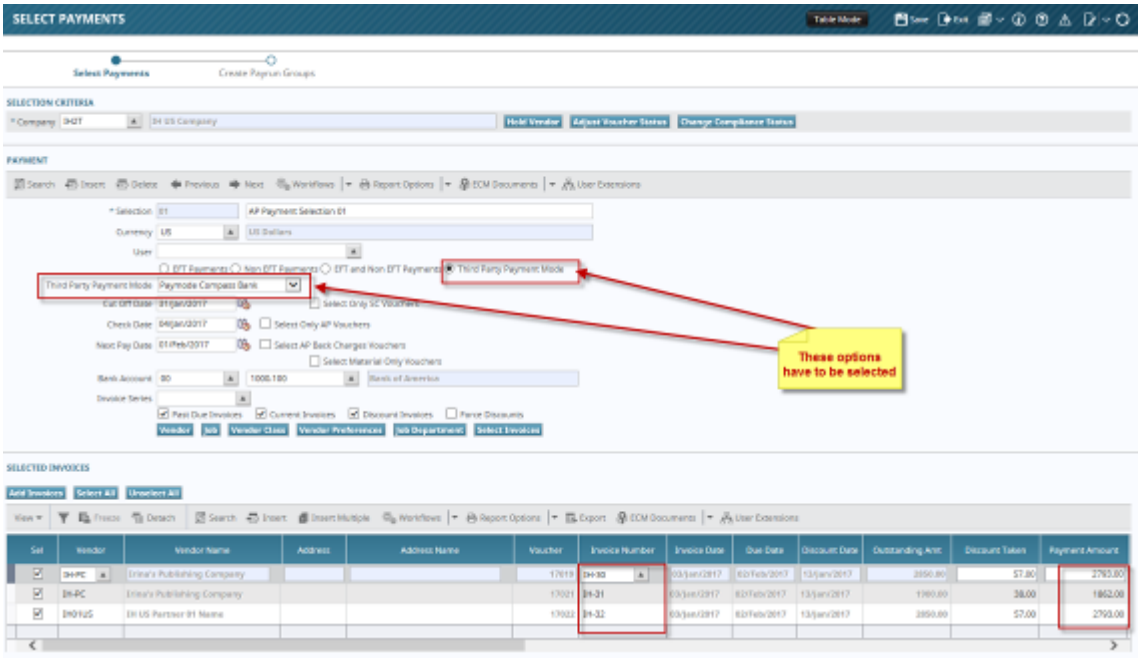
b.


ENTER VOUCHER
Table Mode
Save
Exit
Enter Invoices
Print Edit List
Post Invoices
SELECTION CRITERIA
* Company
IH US Company
* Batch
IRINA2 2017-01-03 V
Voucher Detail
Defaults
Joint Payee
Search
Insert
Delete
Previous
Next
Workflows
Report Options
Import
Attachments
Notes
ECM Documents
User Extensions
* Vendor
Irina's Publishing Company
Address
One Time Vendor Flag
Series
* Invoice
* Voucher Num
* Amount
Invoice Date
Expense Dept
Retainage
Due Date
PO Selected
Tax1
Disc Date
EFT Flag
Taxes
PO Number
Release
Gross Due
Retainage %
Discount
Discount %
Net
Description
Pay When Paid
Days
Draw
TP Payment Mode
* Distribution Type
General Distribution
Department
Account
Job Code
Cost Code
Address
Check Hdl
Status
Override Status
Contract
Chg
Cash Dept
Cash Acc
Retain. Rel.
Tax on Ret.
Category
Compliance
Release Retain.
PO Selection
Registration
Re-Calc
Distribution
Save and New

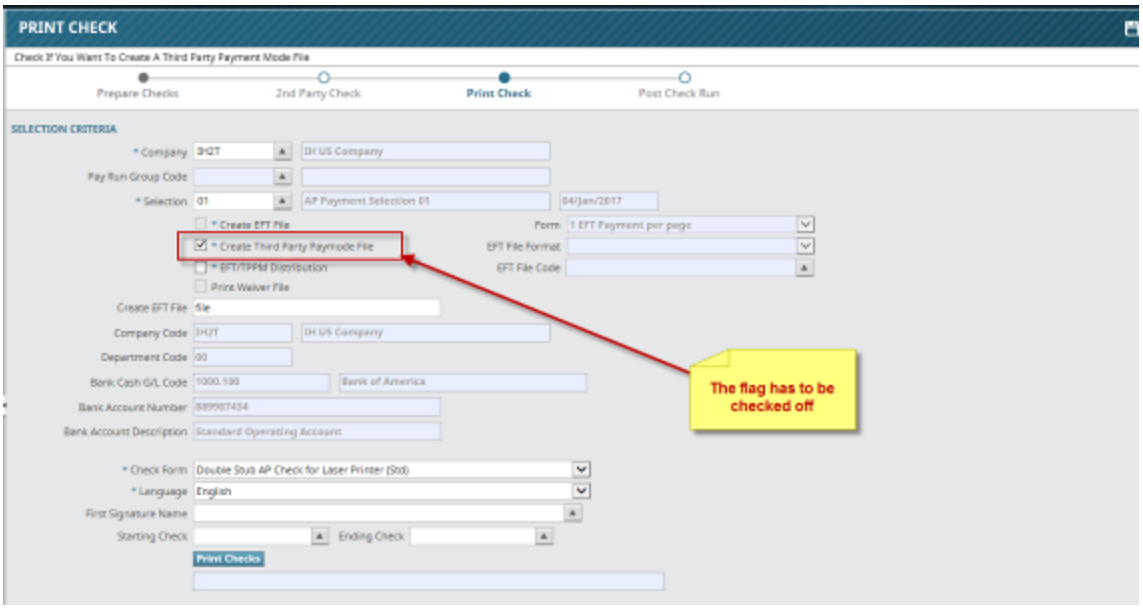
c.



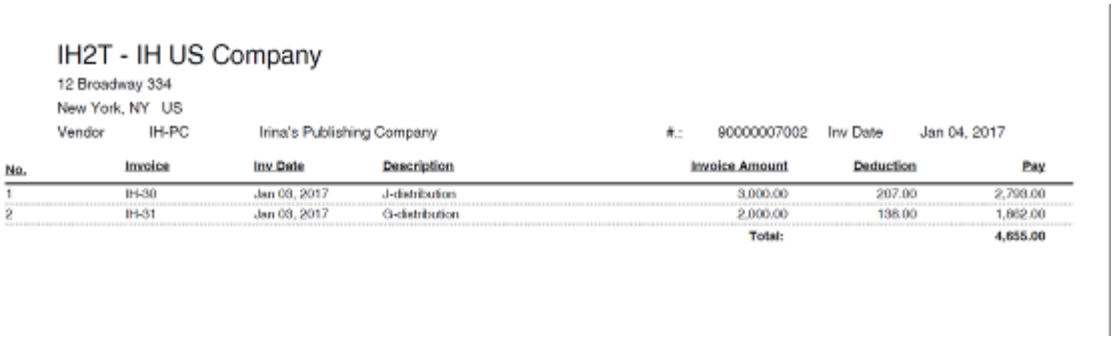
5. Select Payment:



6. Prepare Check and then Print the Check:



7. Check stubs:



IH2T - IH US Company

12 Broadway 334

New York, NY US

Vendor IH-PC Irina's Publishing Company #.: 90000007002 Inv Date Jan 04, 2017

No.	Invoice	Inv Date	Description	Invoice Amount	Deduction	Pay
1	IH-30	Jan 03, 2017	J-distribution	3,000.00	207.00	2,793.00
2	IH-31	Jan 03, 2017	G-distribution	2,000.00	138.00	1,862.00
				Total:		4,655.00



IH2T - IH US Company

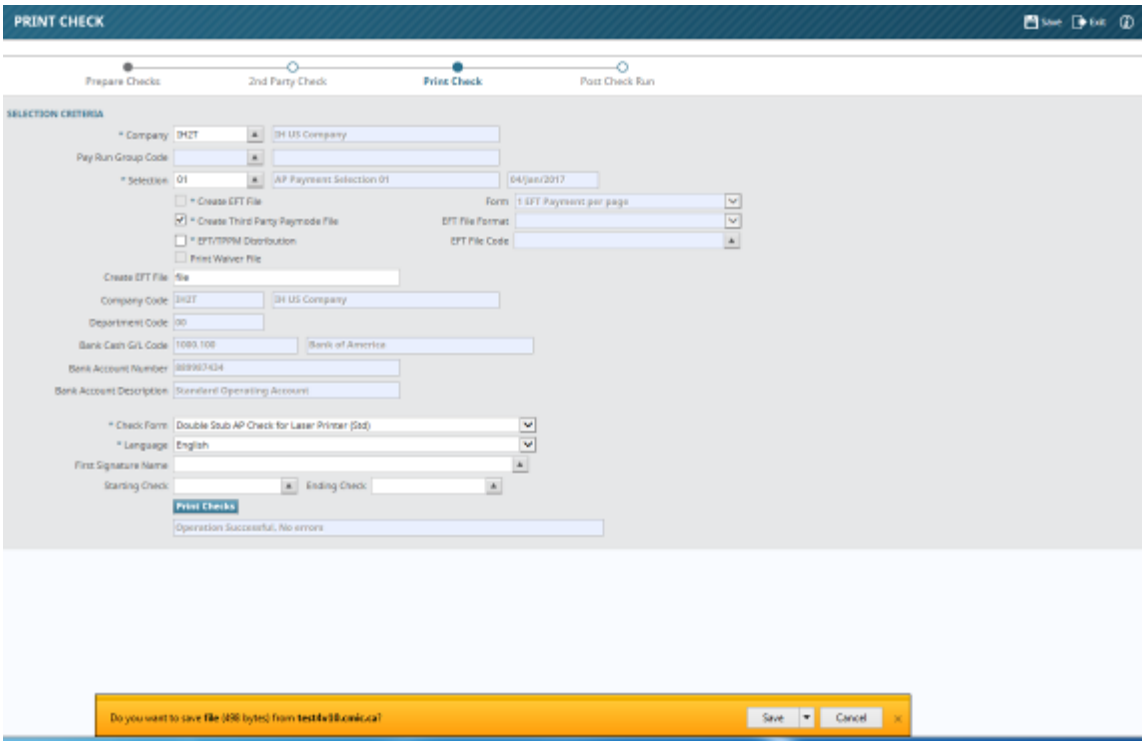
12 Broadway 334

New York, NY US

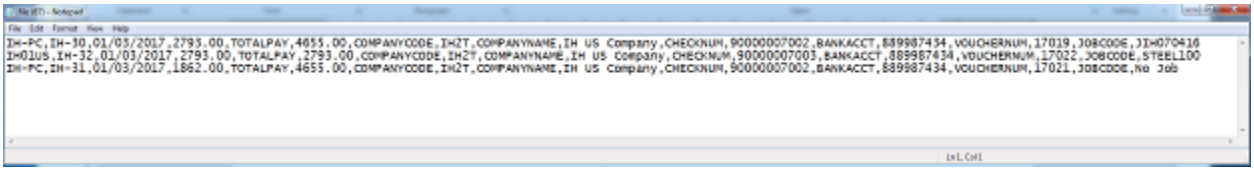
Vendor IH01US IH US Partner 01 Name #.: 90000007003 Inv Date Jan 04, 2017

No.	Invoice	Inv Date	Description	Invoice Amount	Deduction	Pay
1	IH-32	Jan 03, 2017	J-distribution	3,000.00	207.00	2,793.00
				Total:		2,793.00

The Third Party Paymode File has been prepared:



The CSV File has been created:



The file is created according to the specification provided by the customer.

Summary:

A new Compass Bank EFT File for PCard processing has been created per specification provided by the customer.

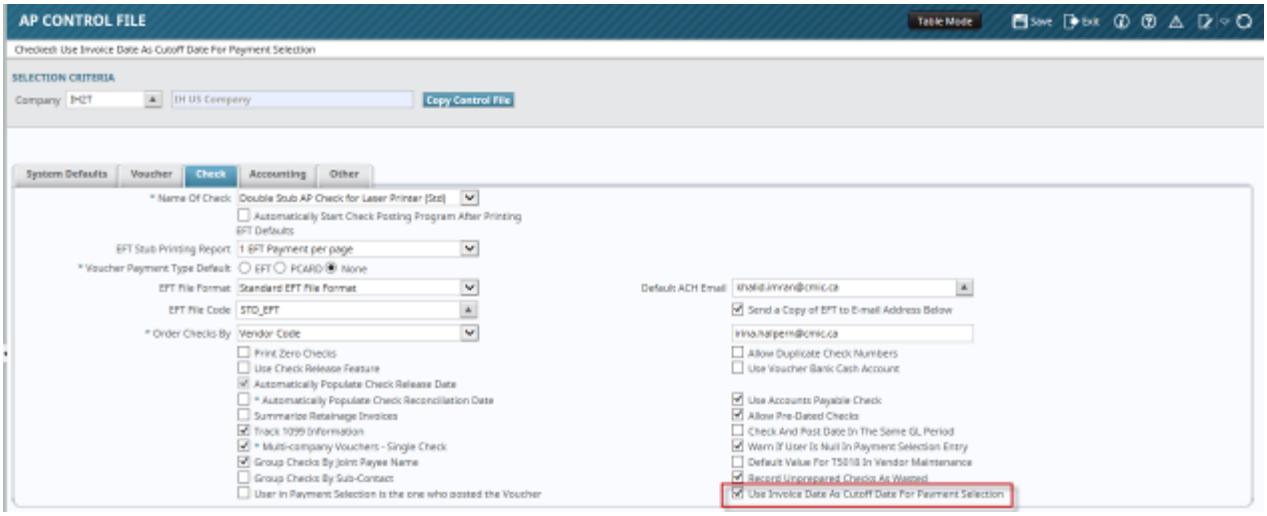
Cut-Off Date to be Sole Payment Selection Criteria (16.23474)

Overview:

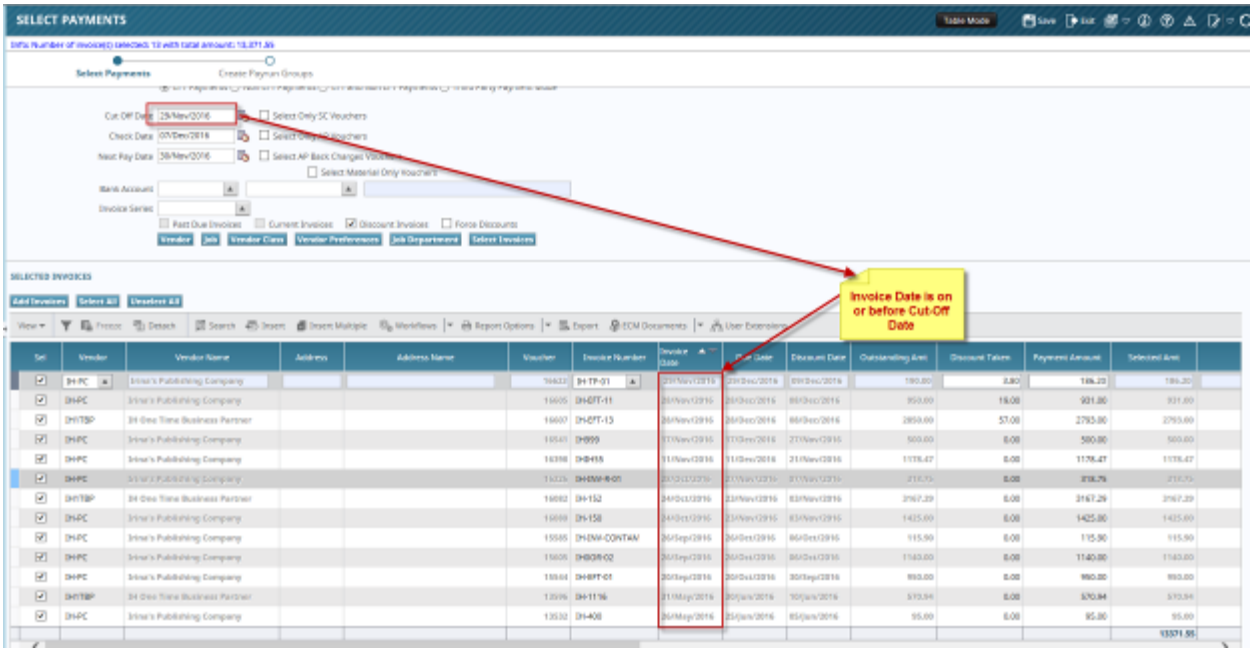
The existing AP Control file flag "Use Invoice Date As Cut-off Date For Payment Selection" is used for this functionality. When this flag is checked, then the Payment Date and Next Pay Date fields are ignored for payment selection purposes, and payment selection is solely based on the Cut Off Date field (used as invoice date); i.e. ONLY invoices on or before the Cut Off Date would be included in the selection process regardless of the Payment Date and Next Pay Date.

Settings and Examples:

1. Check off the flag “Use Invoice Date as Cut-off Date for payment selection” in AP Control file:



Create a Payment Selection:



Only the invoices with the Invoice Date equal or early than Select Payments Cut-Off Date are included in the selected.

Summary:

The AP Control file flag "Use Invoice Date As Cut-off Date For Payment Selection" is used to alter the Selection Payments procedure: if the flag is checked, the payment selection will include ONLY the invoices that have the Invoice Date on or before the Select Payments Cut Off Date. If the flag "Use Invoice Date As Cut-off Date For Payment Selection" is unchecked, the Select Payments program functions as before.

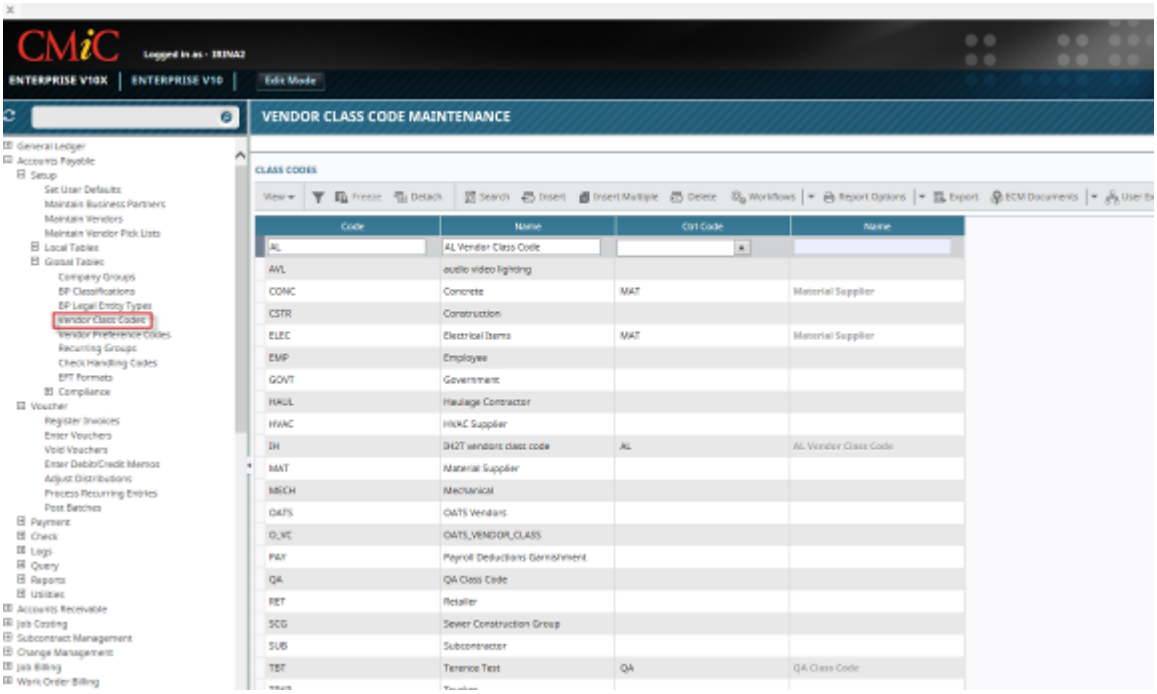
Adding Vendor Class List to the Check Register Report AP2600
(16.26578)

Overview:

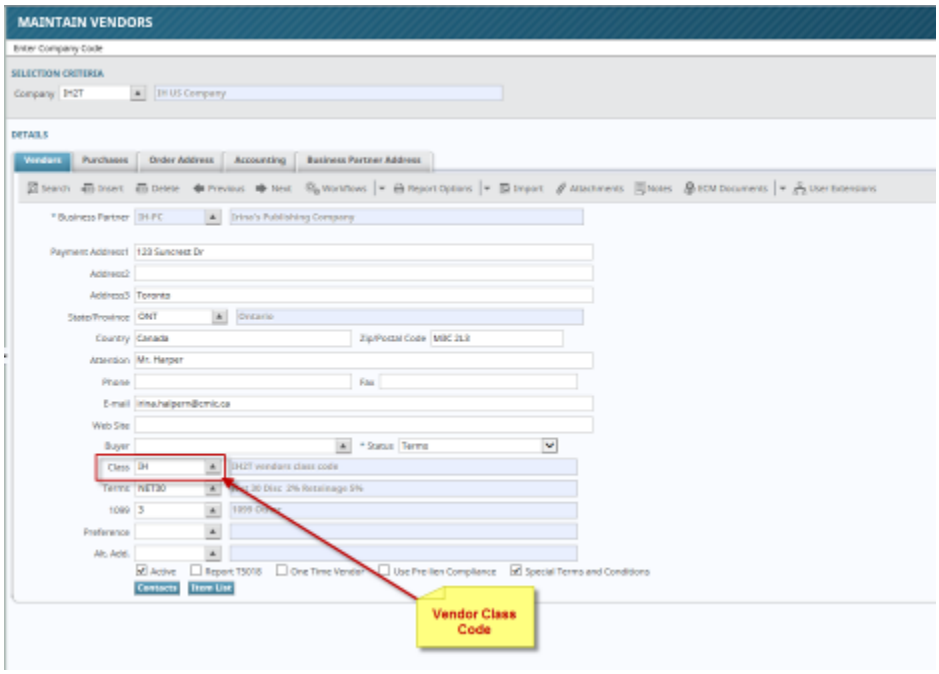
CMiC has modified AP Check Register Report (AP2600) and add a new parameter Vendor Class. The From and To Vendor List has been also modified to be populated only by the Vendors that are part of the class, if the Vendor Class is entered.

Settings and Examples:

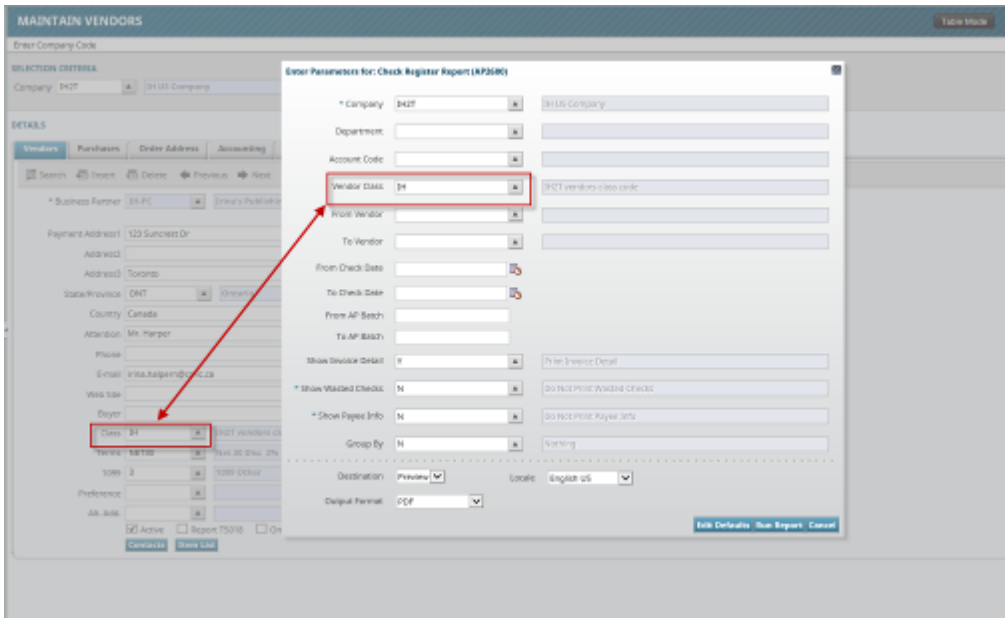
1. Vendor Class Codes are defined on Vendor Class Maintenance screen (Account Payable -> Global Tables -> Vendor Class Codes):



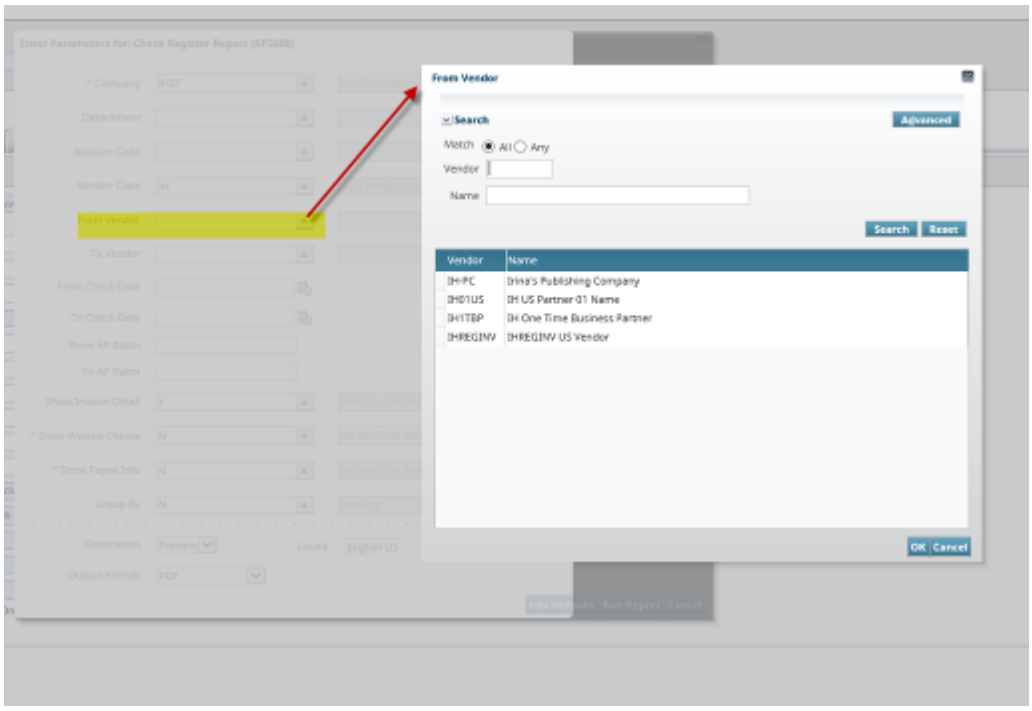
2. Maintain Vendors screen has the Class field for the Vendor; this filed is optional –the Class Code could be selected from the List or could be left blank. In the screenshot below the Vendor IH-PC is set up to belong to the class IH:



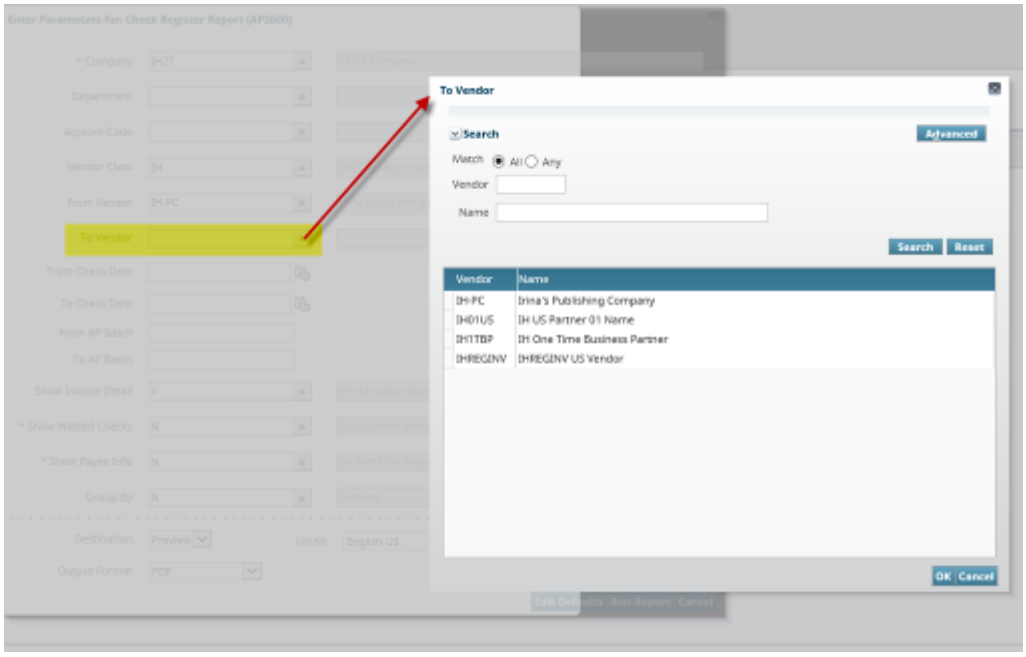
3. Check Register Report (Account Payable -> Reports -> Check Register Report) has a new field Vendor Class. In the screenshot below the Vendor Class field is populated with the Vendor Class Code IH.



4. If the Vendor Class is Entered, the List “From Vendor” and the List “To Vendor” should be populated only with the vendors that have Class field on the Maintain Vendors screen populated with the same Vendor Class Code as Vendor Class field on the Enter Parameter for: Check Register Report (AP2600) Form. In the screenshot below the List “From Vendor” is comprised only of the vendors that belong to the class IH:



5. The same vendors populate the List “To Vendor”:



Summary:

The new parameter Vendor Class has been added to AP Check Register Report (AP2600). If Vendor Class Code is entered, then the Lists “From Vendor” and “To Vendor” are populated only by the Vendors that belong to that Class, in other words, only those vendors that have the field Class on their Maintain Vendors screen populated with the same Class Code.

BMO Harris File Format (16.27015)

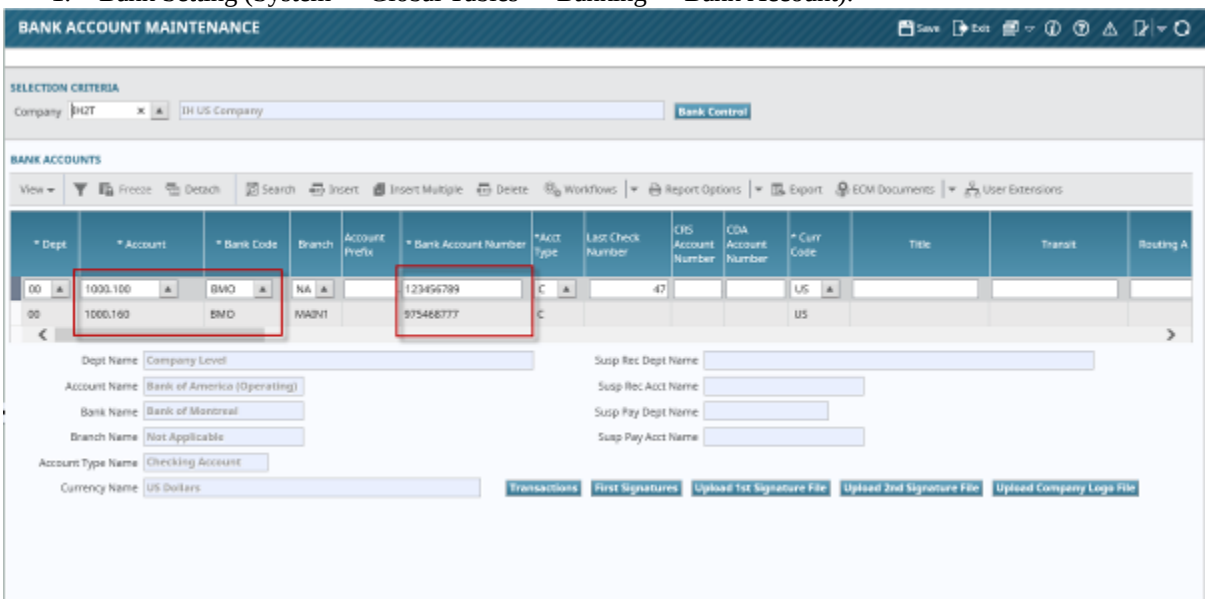
Overview:

CMiC has created a new EFT Format for BMO Harris Bank.

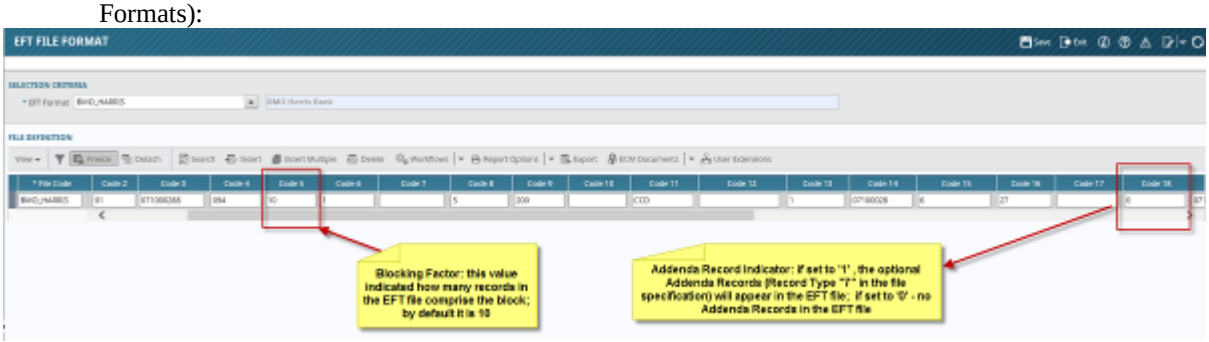
Settings and Examples:

In the example described in this document, the system creates an EFT file that includes the payments coming from 2 different cash accounts (GL account 1000.100 corresponds to the Bank Account 123456789; GL account 1000.160 corresponds to the Bank Account 975468777) for the sending company IH2T; as the result the EFT file will have 2 blocks.

1. Bank Setting (System -> Global Tables -> Banking -> Bank Account):



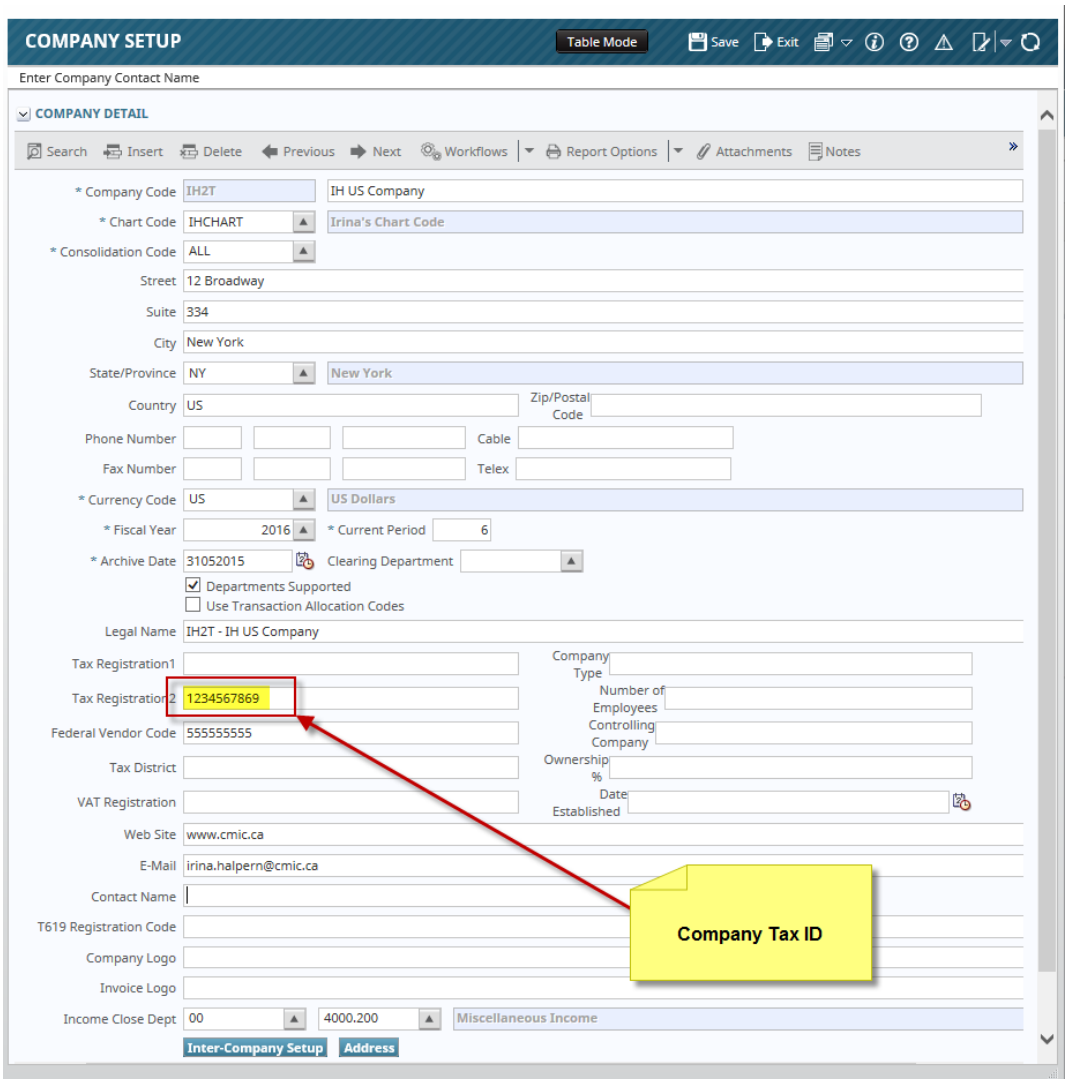
2. EFT Format Setting for the new format BMO_HARRIS (Account Payable -> Setup -> Global Tables -> EFT Formats):



NOTE: The value in the column Code 5 defines how many records will be in the EFT file block (by default it is set to be 10 – as per file specification provided); the value in the column Code 18 defines if the addenda records will be included in the EFT file (by default it is set to be 0 – no addenda records).
From the Company setup (General Ledger -> Setup -> Company Setup -> Company Detail

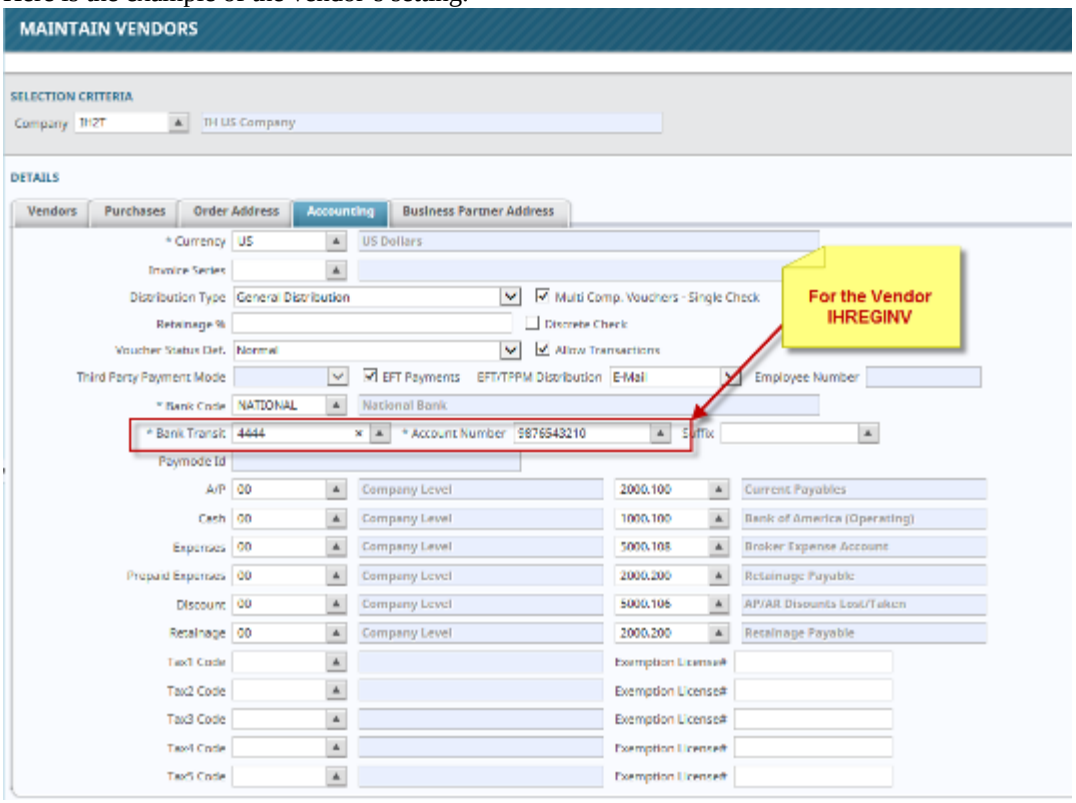
1. From the Company setup (General Ledger -> Setup -> Company Setup -> Company Detail button) the system takes Company Tax Id (please see the screenshot below).

NOTE: To comply with the EFT file specification, the 10-digit Company Tax ID must have the first character as '1'.

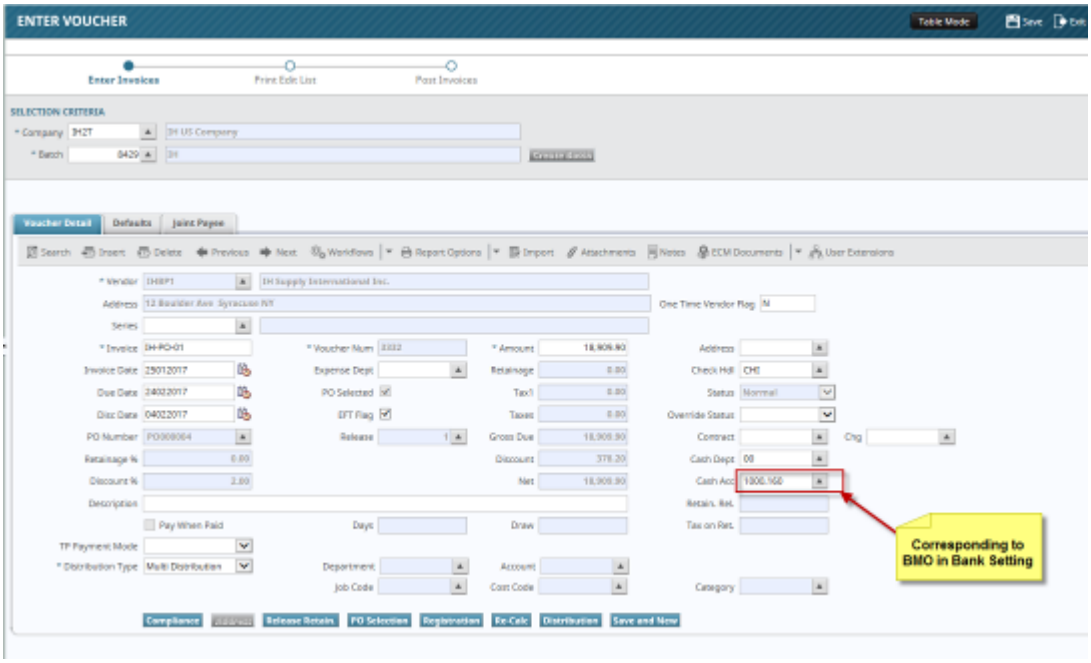


The vouchers used in the example are created for the Vendors IHBP1, IHREGINV, IHBP113, IHBP2711, and IHBP5965. The system uses the Bank Transit and Account Number information from the vendors' settings to create fields 3, 4, and 5 in the Entry Detail Record (Record Type '6') in the EFT file.

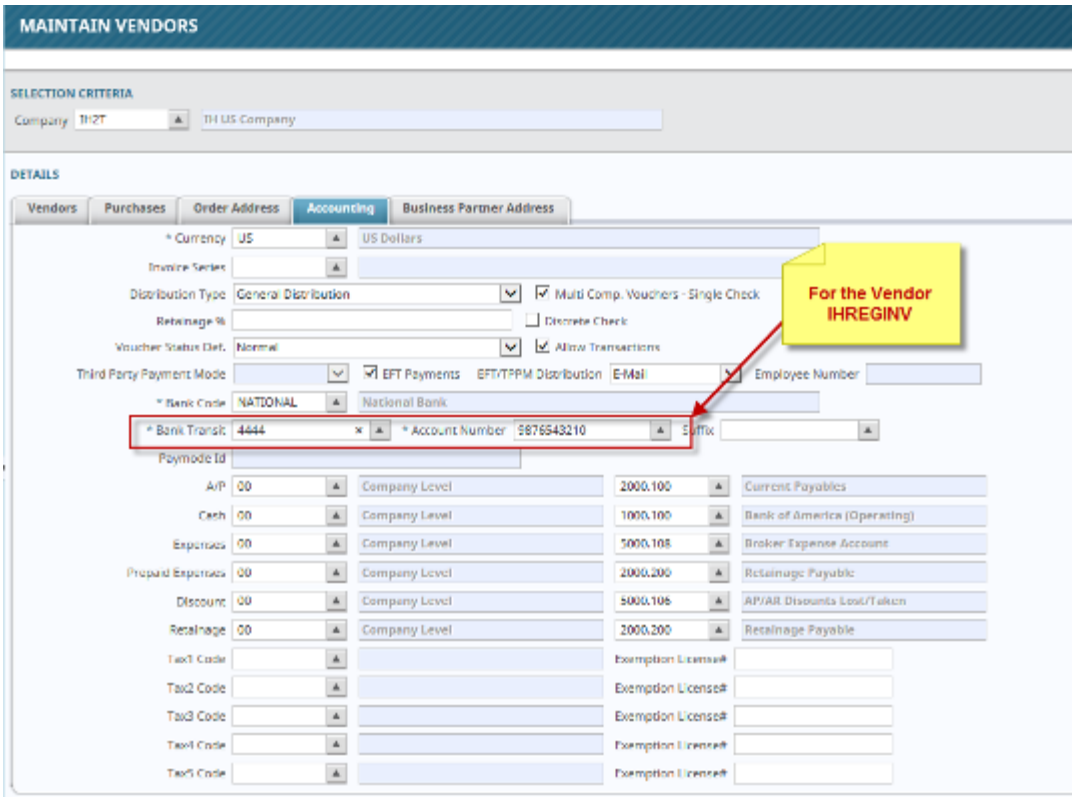
Here is the example of the vendor's setting:



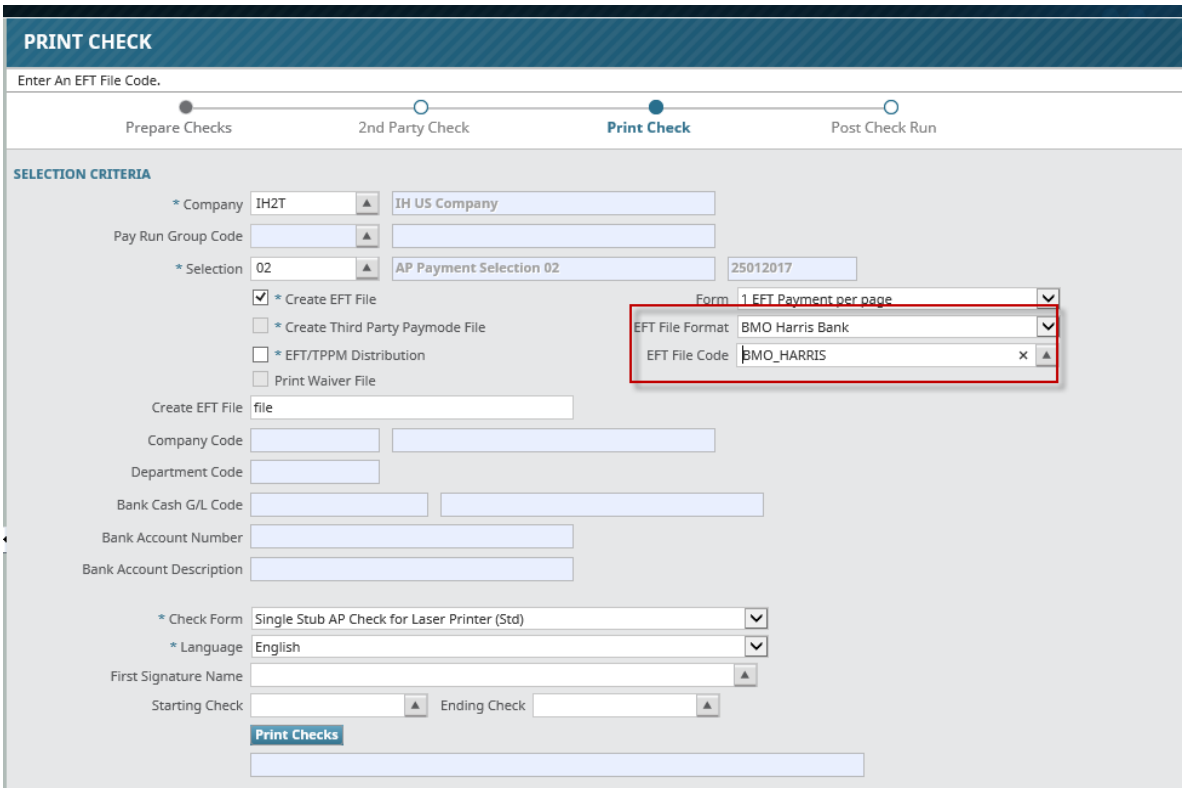
The vouchers included in the EFT have been created using two different cash accounts for the paying company IH2T (GL 1000.100 and GL 1000.160) to demonstrate that the resulting EFT file will have 2 blocks. Below is the example of one of the vouchers created:



The following payments have been selected to create BMO Harris File format EFT file:

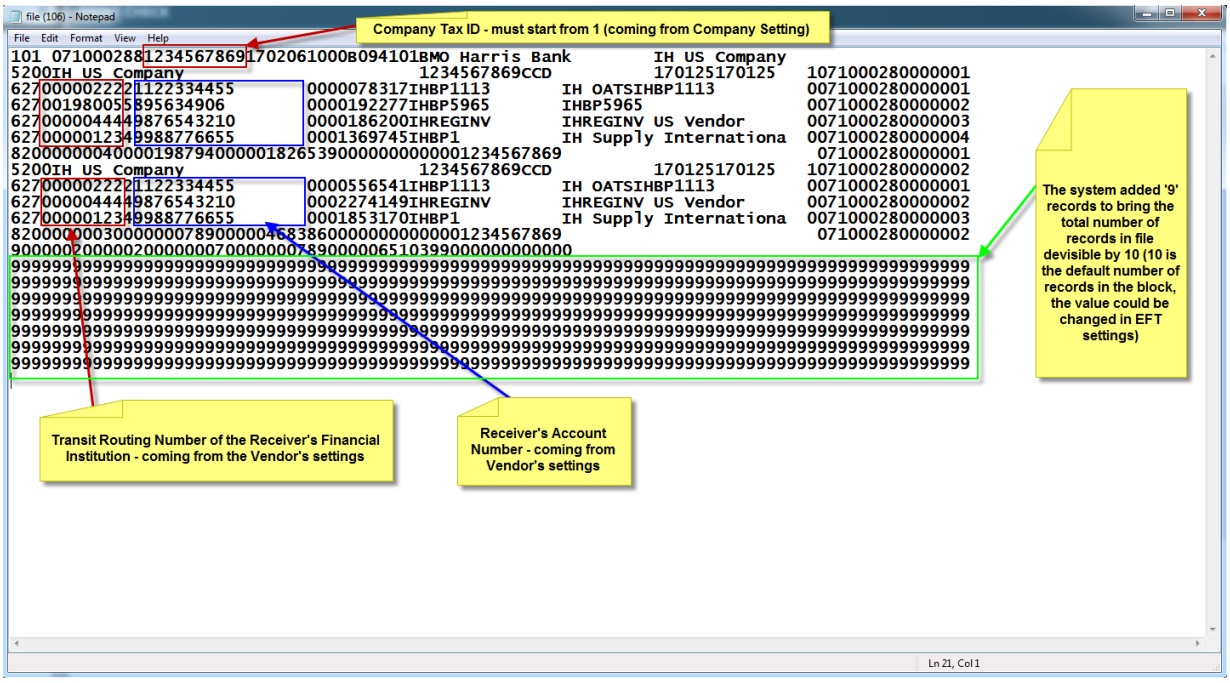


After preparing the checks, the Print Check screen should have The EFT File Format field set BMO Harris Bank (the selection is available in the field LOV), and EFT File Code field should be set as BMO_HARRIS:



Below is the EFT file created.

NOTE: The file does not have optional Entry Detail Addenda Records in accordance with the EFT Format Setting (the value in the Code 18 column is set as '0').



Summary:

The new EFT Format for BMO Harris Bank has been created in accordance with the file specifications provided by the customer.

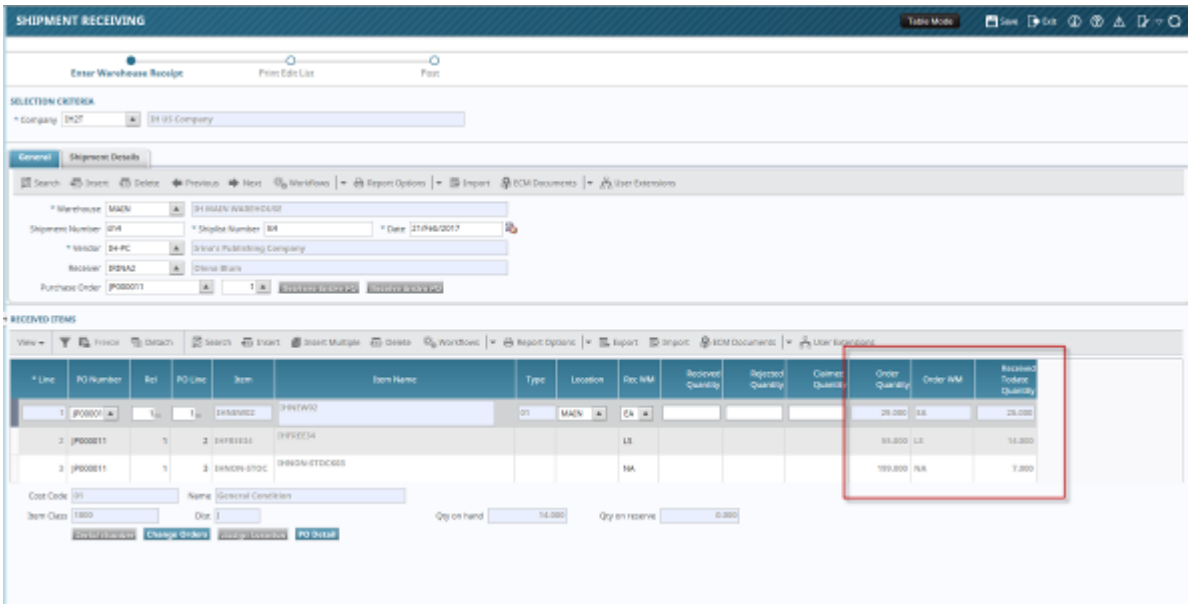
Add the Order Quantity, WM, and Received-To-Date fields to the Warehouse Receipt (16.26532)

Overview:

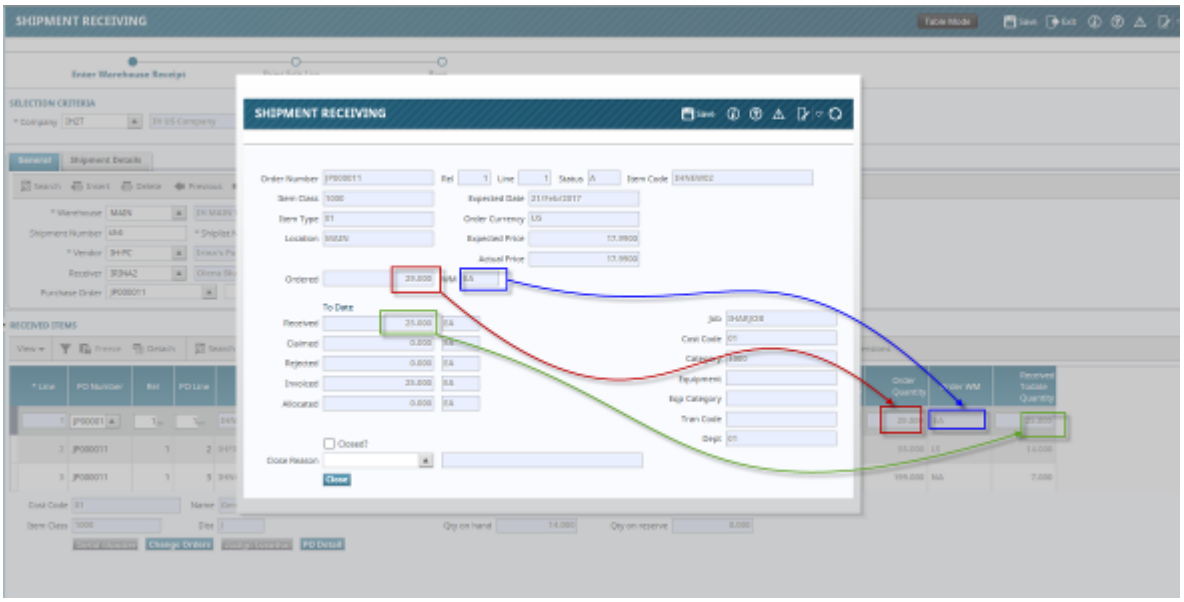
CMiC has modified the PO Warehouse Receipt program and add three display only fields (Ordered Qty, WM and Received To Date). These fields will display the corresponding data from PO Details. By default, the fields are not visible. The user should make them visible through the Lite Editor.

Settings and Example:

Below is the example of the Warehouse receipt for the existing Purchase Order JP000011 (after making all three hidden fields visible):



To verify the information displayed, click PO Detail button and compare the data:



All required information has been displayed correctly.

Summary:

Three display only fields (Ordered Qty, WM and Received ToDate) that display the corresponding information from PO Details have been added to the PO Warehouse Receipt program.

Compass Bank PCard Beck format change (17.30744)

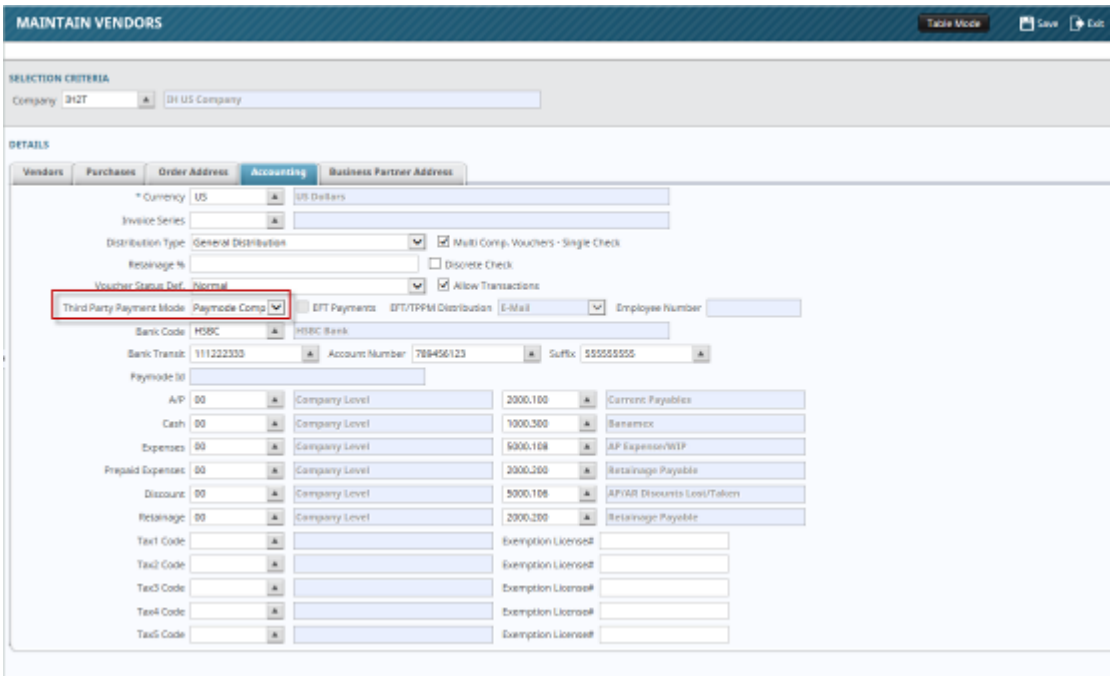
Overview:

CMiC has modified PCard format for Compass Bank as following:

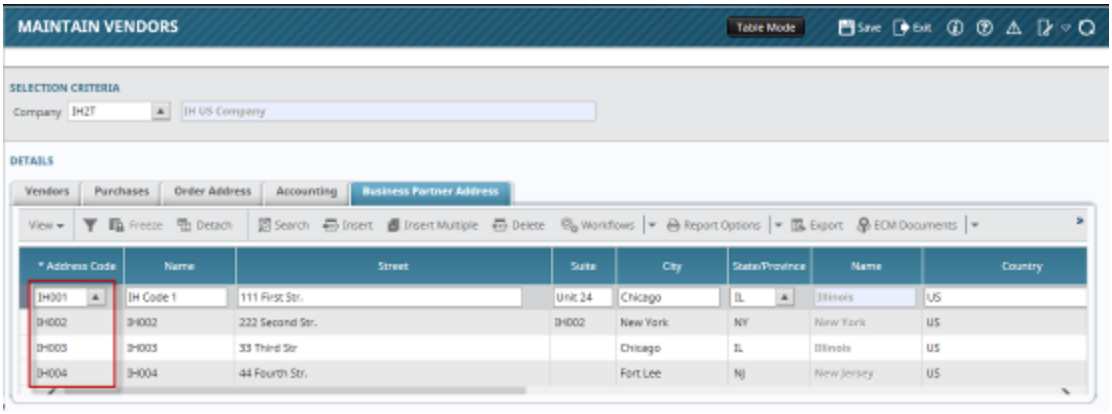
1. Instead of the Vendor Code, the corresponding field in the CSV file will be populated with the concatenation of the Vendor Code and Vendor Address Code (with no spaces);
2.
3. Vendor Address Code will also be used in grouping to calculate the Total Pay amount.

Settings and Examples:

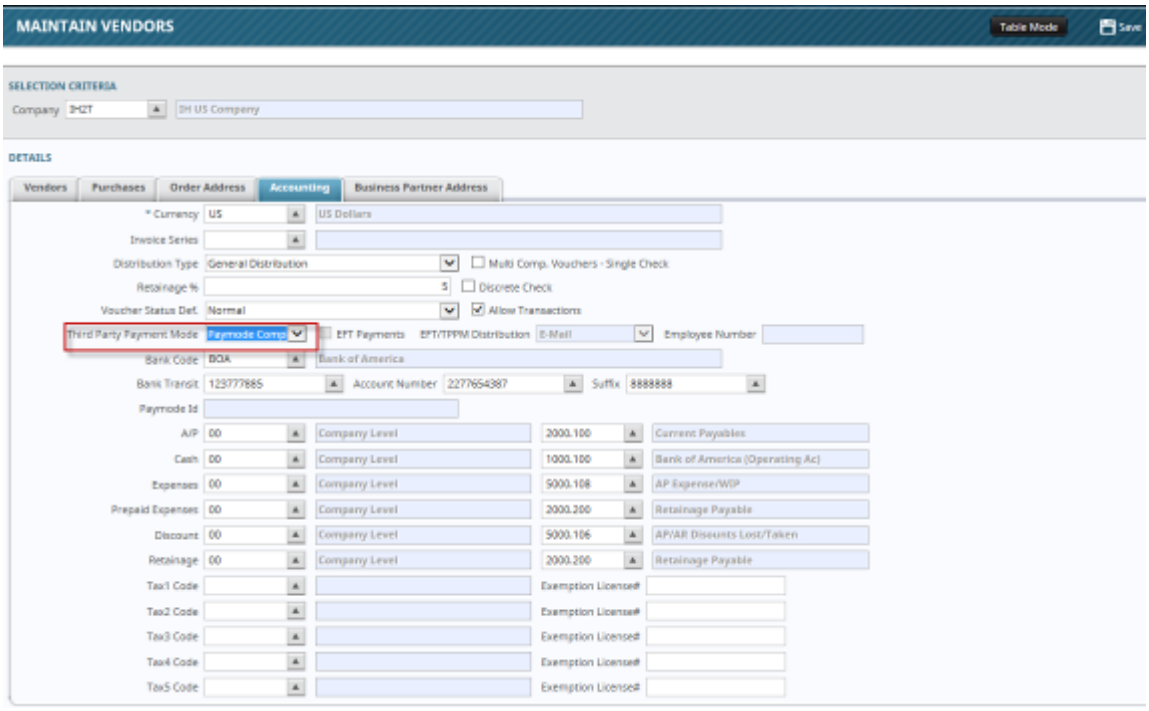
8. Set up the vendor IH-PC for Third Party Payment with Compass Bank:



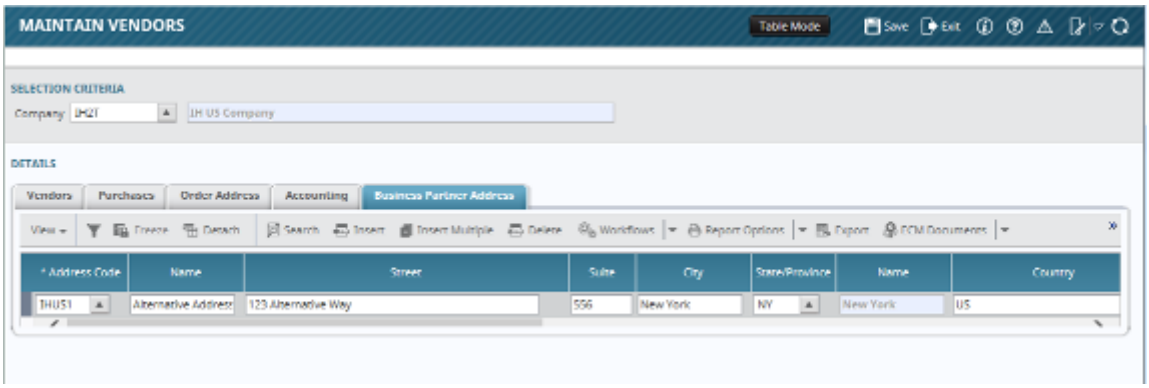
9. The vendor IH-PC has 4 vendor address codes set up:



10. Set up Vendor IH01US for Third Party Payment with Compass Bank:

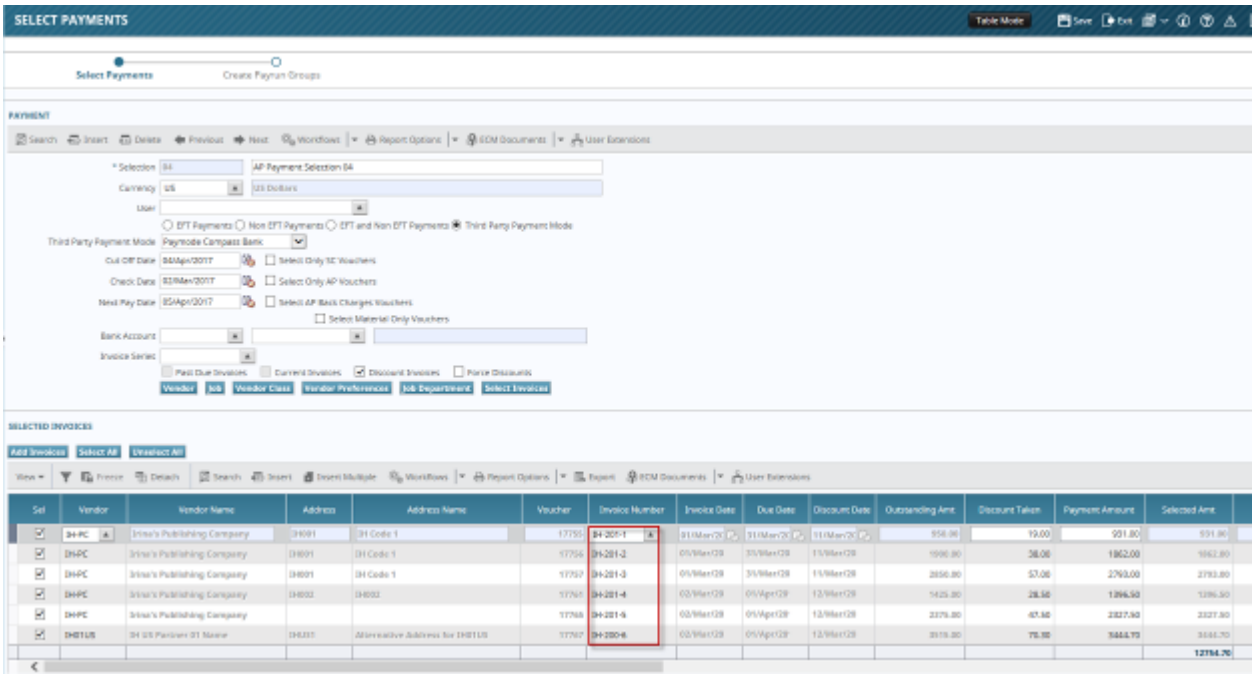


11. The vendor IH01US has the vendor address code IHUS1:

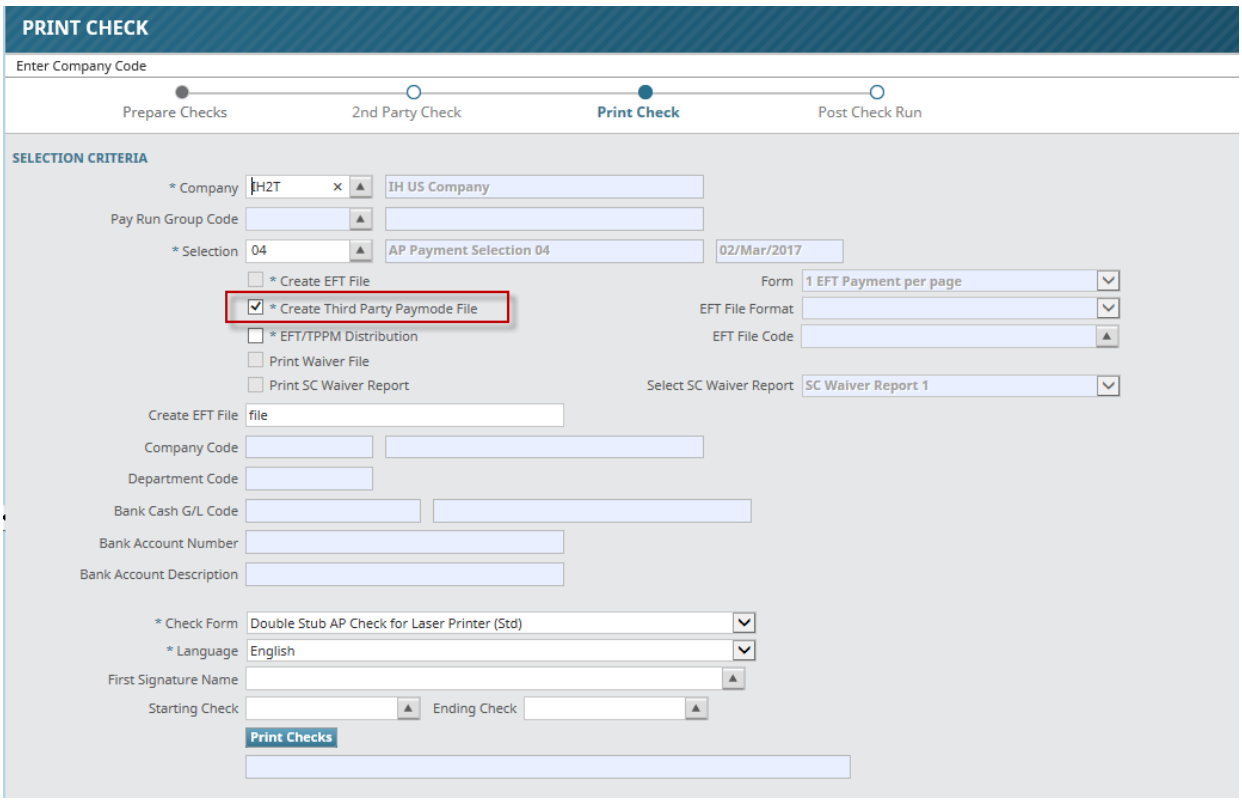


12. The following vouchers have been created to demonstrate the new functionality:
    a. Three vouchers for the vendor IH-PC with the vendor address code IH001;
    b. One voucher for the vendor IH-PC with the vendor address code IH002;
    c. One voucher for the vendor IH-PC without the vendor address code;
    d. One voucher for the vendor IH01US with the vendor address code IHUS1.

13. The following Payment Selection has been created:



14. Prepare checks (four checks were prepared for the selection code above), and print the checks:



15. The following four Check Stubs have been printed.

NOTE: The system has grouped three vouchers for the same vendor (IH-PC) with the same vendor address code (IH001) into one check #90000007236 (see paragraphs a. below); the voucher for the same vendor (IH-PC) and different vendor address code (IH002) comprises a different check #90000007237 (see paragraphs b.); the voucher for the same vendor (IH-PC) with no vendor address code will form a separate check #90000007238 (see paragraphs c.); and the voucher for the different vendor (IH01US) will also make a separate check #90000007239 (paragraphs d.):

a.

IH2T - IH US Company
12 Broadway 334
New York, NY US
Vendor IH-PC Irina's Publishing Company #.: 90000007236 Inv Date Mar 02, 2017

No.	Invoice	Inv Date	Description	Invoice Amount	Deduction	Pay
1	IH-201-1	Mar 01, 2017	address IH001	1,000.00	69.00	931.00
2	IH-201-2	Mar 01, 2017	address IH001	2,000.00	138.00	1,862.00
3	IH-201-3	Mar 01, 2017	address IH001	3,000.00	207.00	2,793.00
				Total:		5,586.00

b.

IH2T - IH US Company
12 Broadway 334
New York, NY US
Vendor IH-PC Irina's Publishing Company #.: 90000007237 Inv Date Mar 02, 2017

No.	Invoice	Inv Date	Description	Invoice Amount	Deduction	Pay
1	IH-201-4	Mar 02, 2017	address IH002	1,500.00	103.50	1,396.50
				Total:		1,396.50

c.

IH2T - IH US Company
12 Broadway 334
New York, NY US
Vendor IH-PC Irina's Publishing Company #.: 90000007238 Inv Date Mar 02, 2017

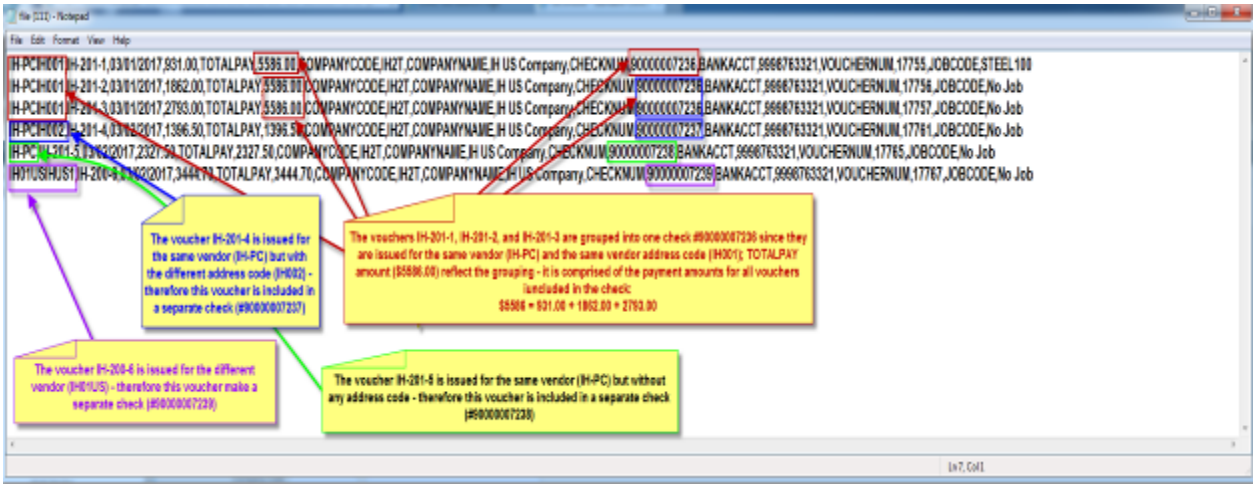
No.	Invoice	Inv Date	Description	Invoice Amount	Deduction	Pay
1	IH-201-5	Mar 02, 2017	no address	2,500.00	172.50	2,327.50
				Total:		2,327.50

d.

IH2T - IH US Company
12 Broadway 334
New York, NY US
Vendor IH01US IH US Partner 01 Name #.: 90000007239 Inv Date Mar 02, 2017

No.	Invoice	Inv Date	Description	Invoice Amount	Deduction	Pay
1	IH-200-6	Mar 02, 2017	different vendor IH01US	3,700.00	255.30	3,444.70
				Total:		3,444.70

The following CSV File has been created:



The file is created according to the customer's requirements:

a. Instead of the vendor code, the file includes the concatenation of the vendor code and the vendor address code;
b. The vendor address code has been included into the grouping conditions; TOTALPAY field reflects the grouping: the value shown is comprised of the payment amounts for all the vouchers included in the group.

Summary:

The existing Compass Bank EFT File for PCard format has been modified to include the vendor address:

a. The vendor code in the file is replaced with concatenation of the vendor code and the address code;
b. The vendor address code is included into the join criteria as well as in the grouping condition to retrieve and information and calculate the Total Pay amount.

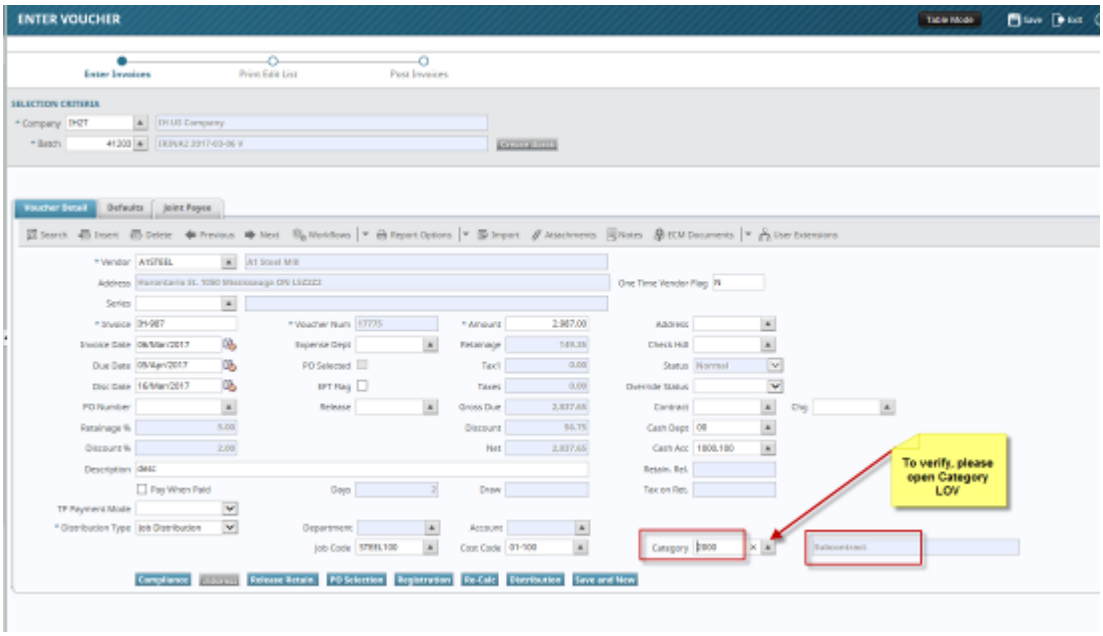
Add Category Description on the Voucher Header (17.30248)

Overview:

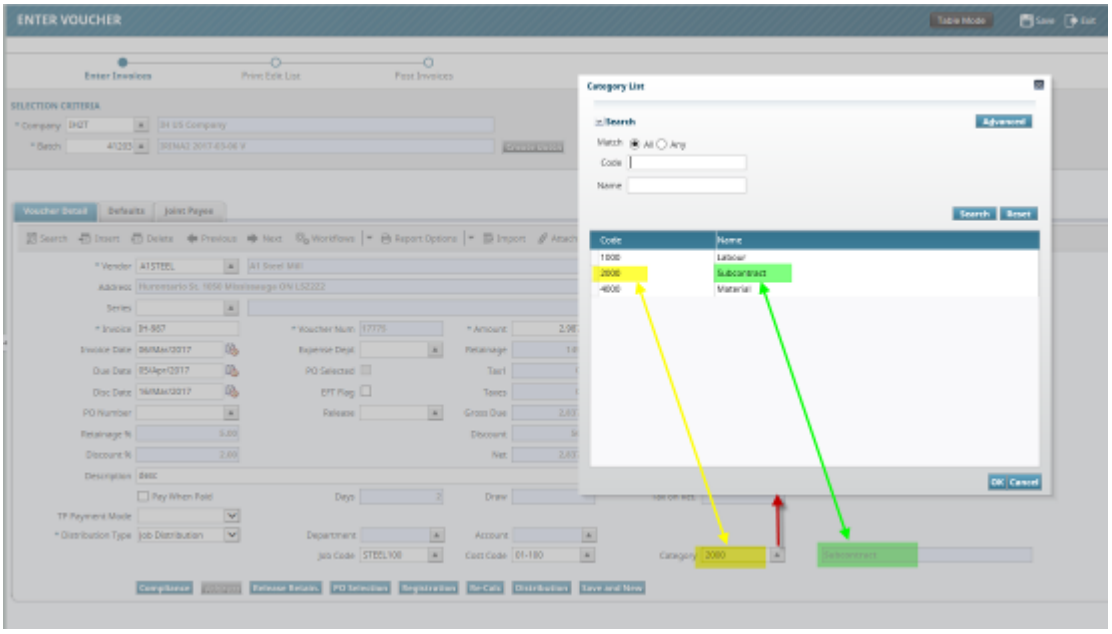
CMiC has modified AP - Enter Voucher screen and added a new field for Category Description. This new field will be read only and hidden by default. The user should add this field via Lite-Editor to make it visible.

Settings and Examples:

1. Below is the example of the Voucher IH-987, created after making the hidden field Category Name visible). The voucher has Job Distribution Type to verify the proper display of the Category Name:



2. To verify the displayed information above, please open Category LOV and compare the data:



All required information has been displayed correctly.

Summary:

New display only field Category Name has been successfully added to the Enter Voucher screen. The field is hidden by default; the user has to use the Lite-Editor to make the field Category Name visible.

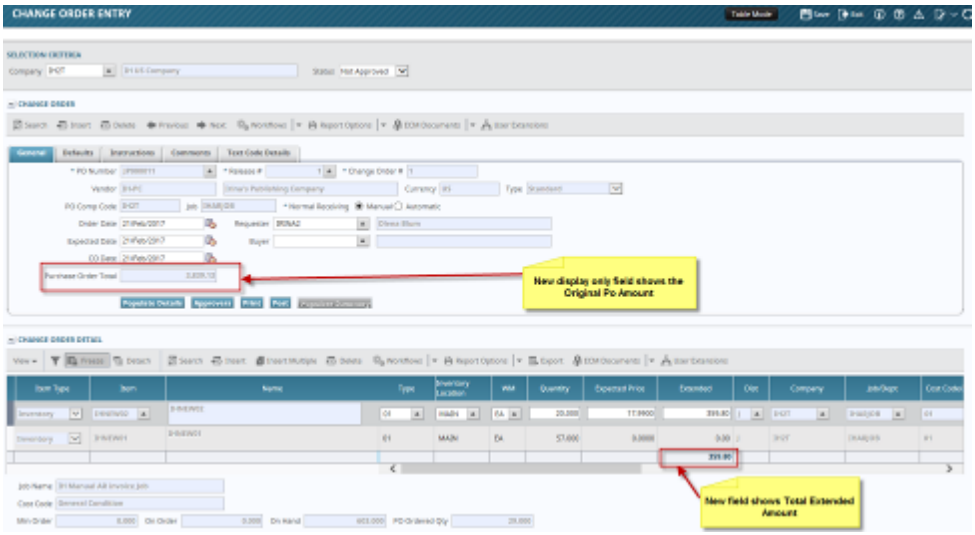
POCOENT screen is missing totals (17.30089)

Overview:

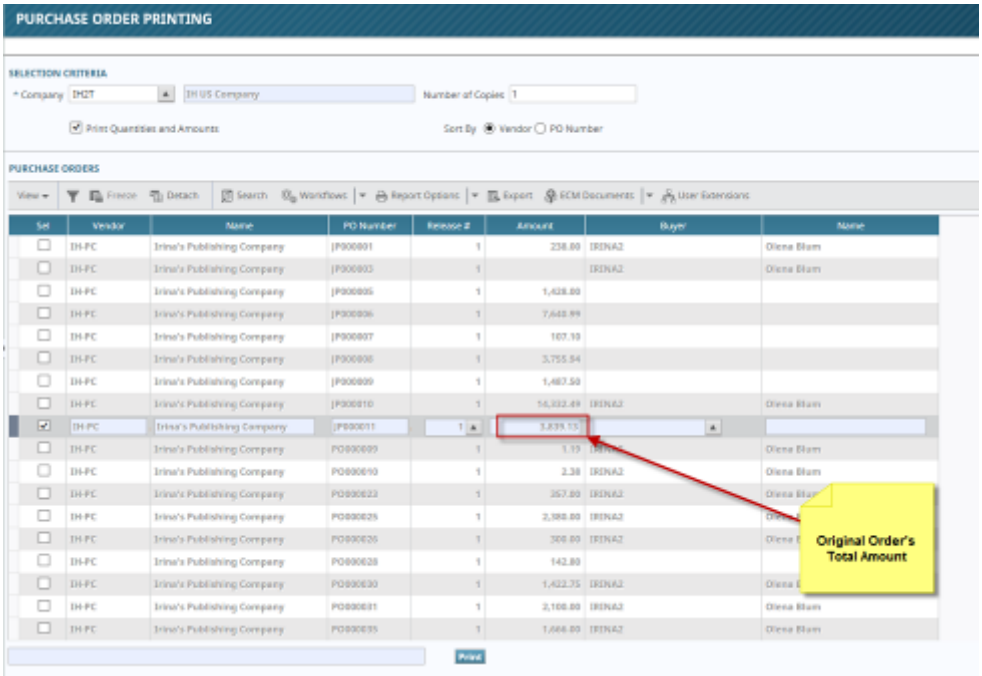
CMiC has modified the ADF PO Change Order Entry program and add 2 new fields. The first field “Purchase Order Total” is to be located on the header block and will display the Original PO Amount (this field is display only and cannot be modified). The second field displays as a total for an Extended (Amount) column on the bottom block.

Settings and Examples:

1. Enter a Change Order (CO) for the existing Purchase Order (PO) (Purchase Order -> Change Order -> Enter Change Order). The screenshot below demonstrates the two need fields added to the screen.



2. To verify the Original PO Amount for PO JP000011 (Purchase Order -> Change Orders -> Print Original PO):



The verification proves that the Purchase Order Total field on the Change Order Entry (see Paragraph 1) displays the Original Order Total Amount ($3,839.13) correctly.

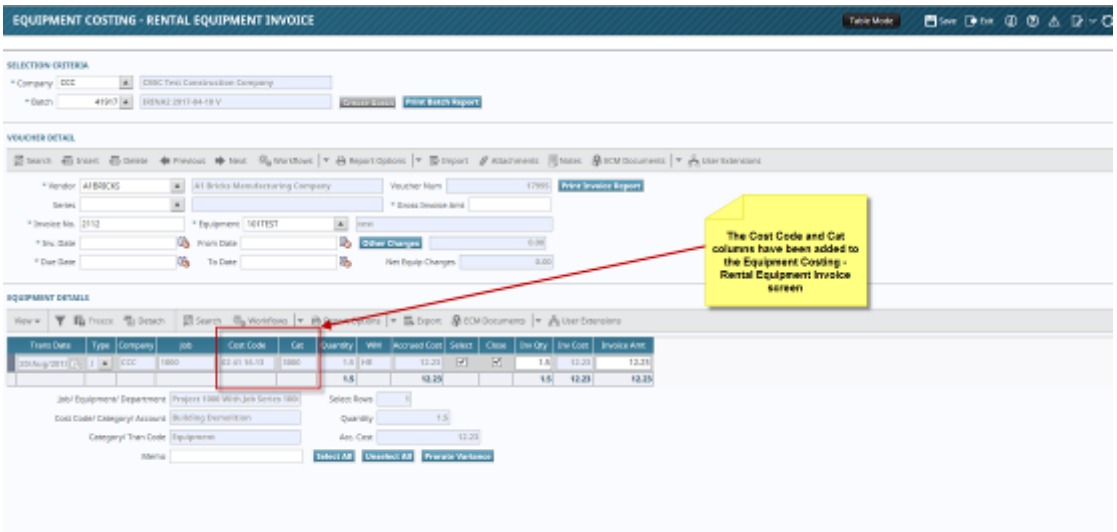
Summary:

ADF PO Change Order Entry program has been modified to display 2 new fields: display only field “Original PO Amount “, located in the Header block of the CO; and the total for extended amount, located in the Detail block of the CO.

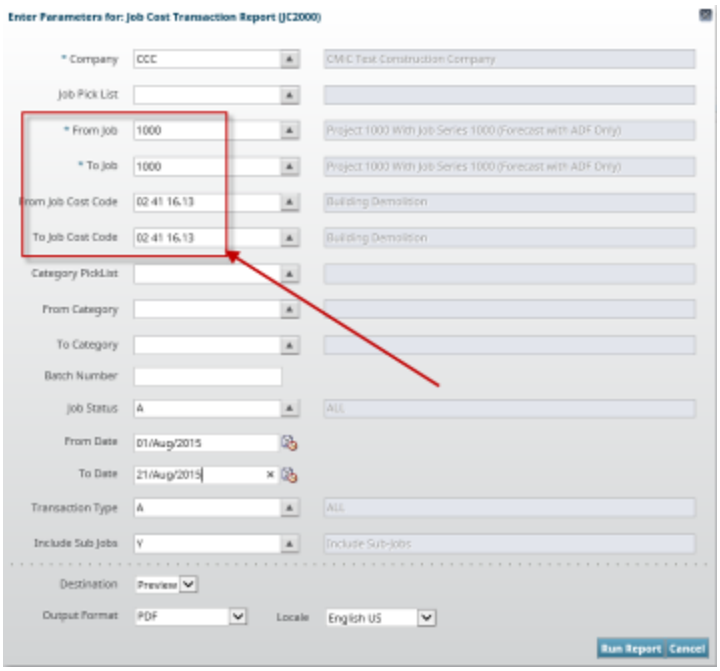
Add actual Cost Codes column to EC Rental Equipment Invoice (17.29512)

Overview:
CMiC will modify the EC Rental Equipment Invoice program and add the Cost Code and Category to the program beside Job Code field. These new fields will be display only

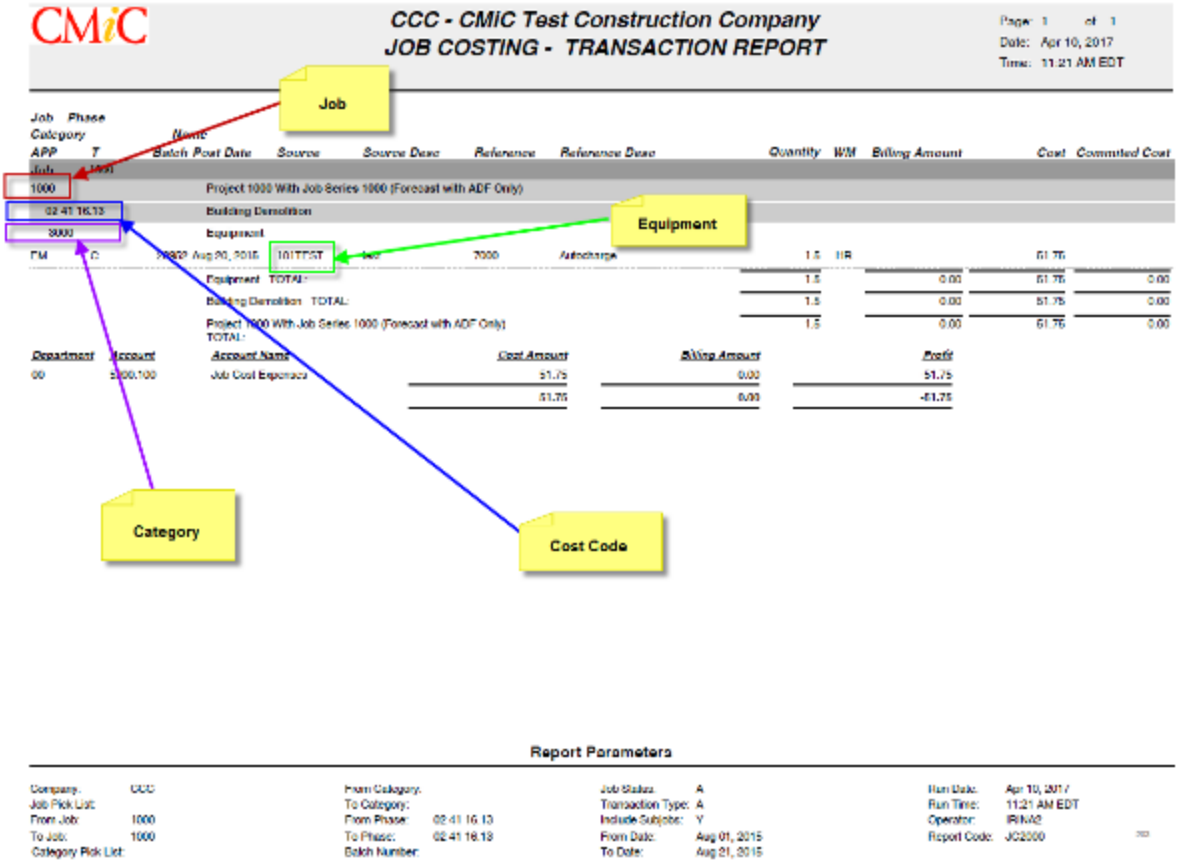
Settings and Examples:
1. EC > Rental Equipment Invoice > Enter Invoice -> Equipment Details:



2. To verify the data displayed in the new columns, we can cross-reference with the Job Cost Transaction Report (JC2000) (Job Costing -> Reports -> Job Cost Transaction Report):



The report data is identical to the one displayed in the Equipment Detail Section of Equipment Costing – Rental Equipment Invoice screen (refer to Paragraph 1):



Summary:

The EC Rental Equipment Invoice program has been successfully modified by adding two new display only columns to the Equipment Details section: Cost Code and Category (Cat) located beside Job Code (Job) field.

New Multi-Positive Pay Format for Bank Of America (17.31889)

Overview:

CMiC has created a new Bank of America(CashPro) Multi-Positive pay format (AP / PY Combined) as per Sample File provided by the customer.

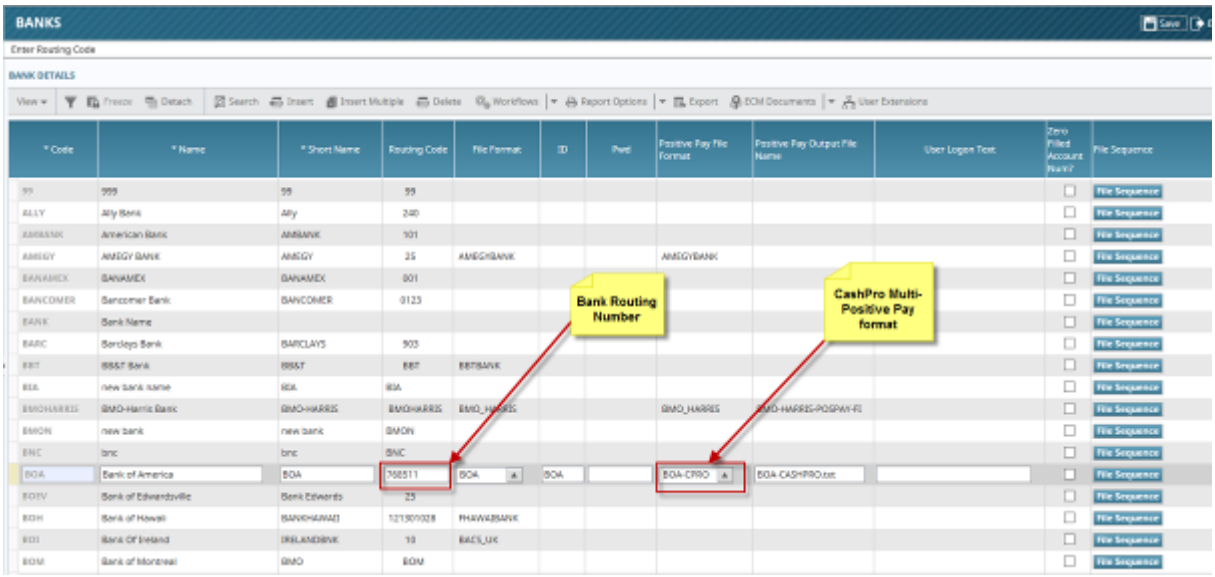
Settings and Examples:

1. The New Bank of America(CashPro) Multi-Positive pay format is outlined as following:

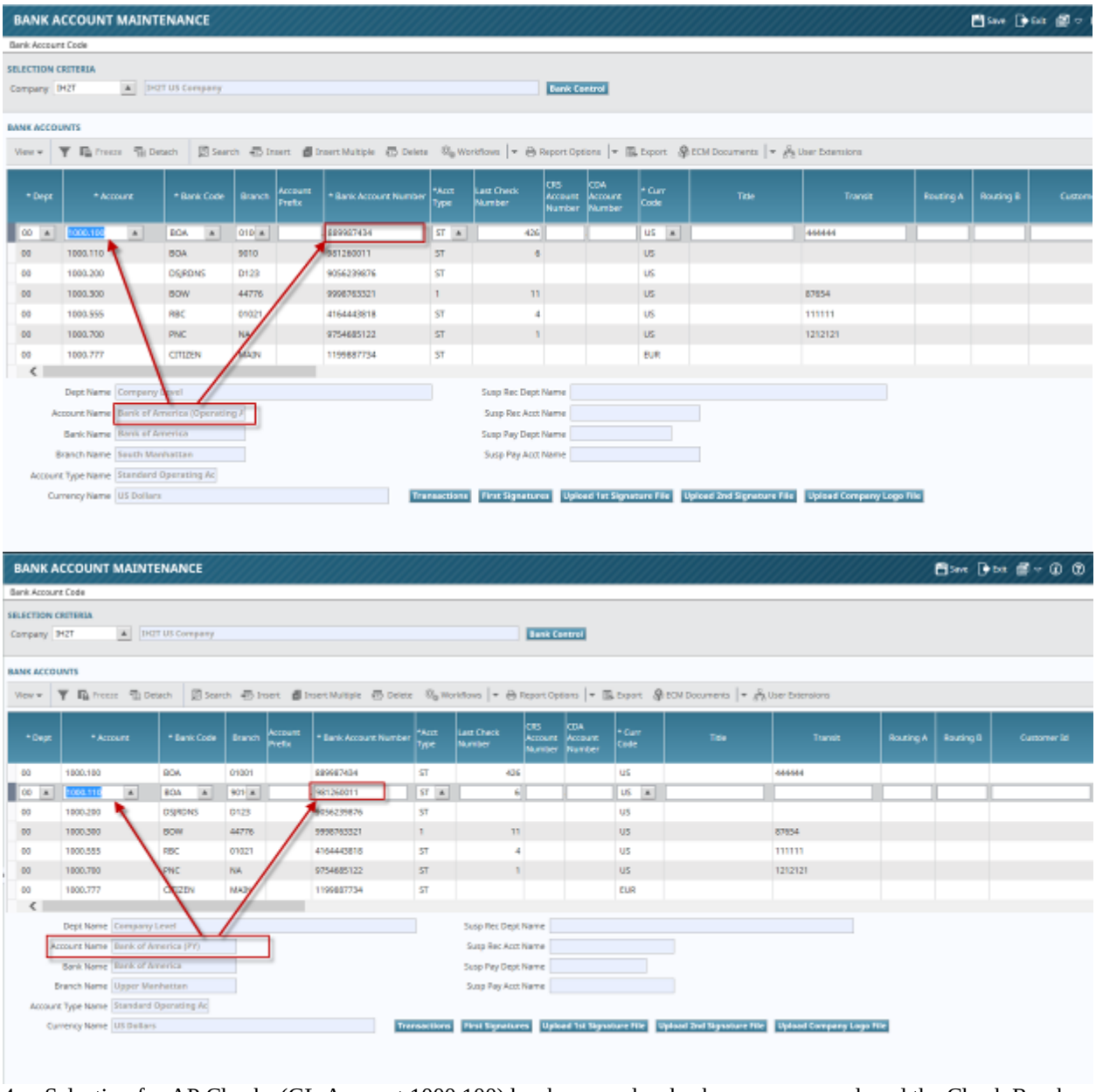
   Account Number, Routing Number, Issue Indicator, Check Number, Amount, Date, Payee Name.

   NOTES: Issue Indicator is "I"; The Amount should contain a decimal; The Date format should be "MM/DD/YYYY"; The Payee Name should have no commas.

2. Bank Routing Number is set up on Bank Screen (System -> Global Tables -> Banking -> Banks):



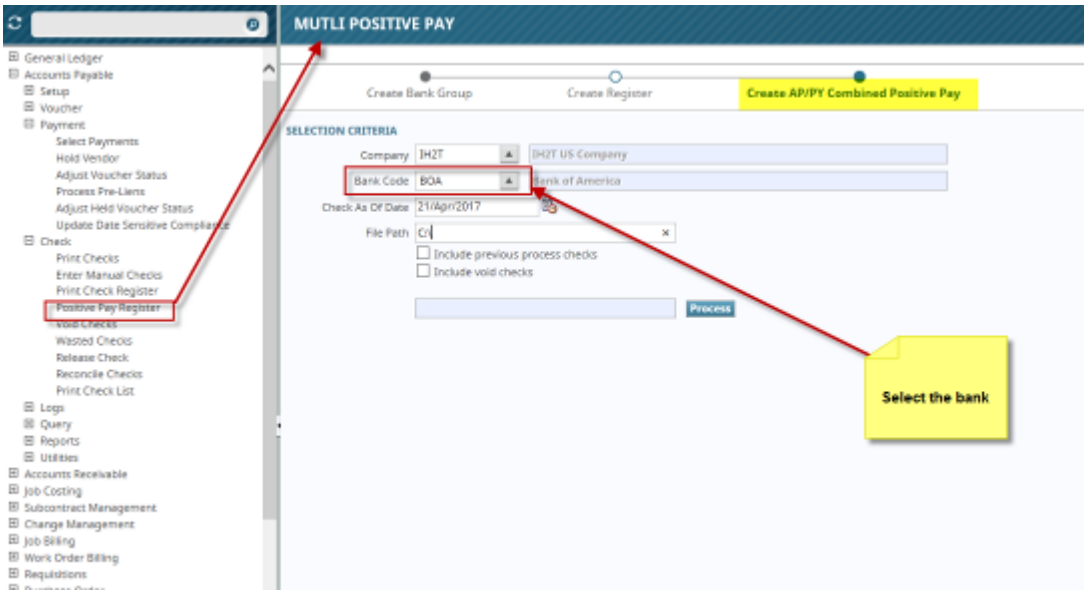
3. Bank Accounts (Operating and PY) are set up on the Bank Account Maintenance Screen (System -> Global Tables -> Banking -> Bank Account):



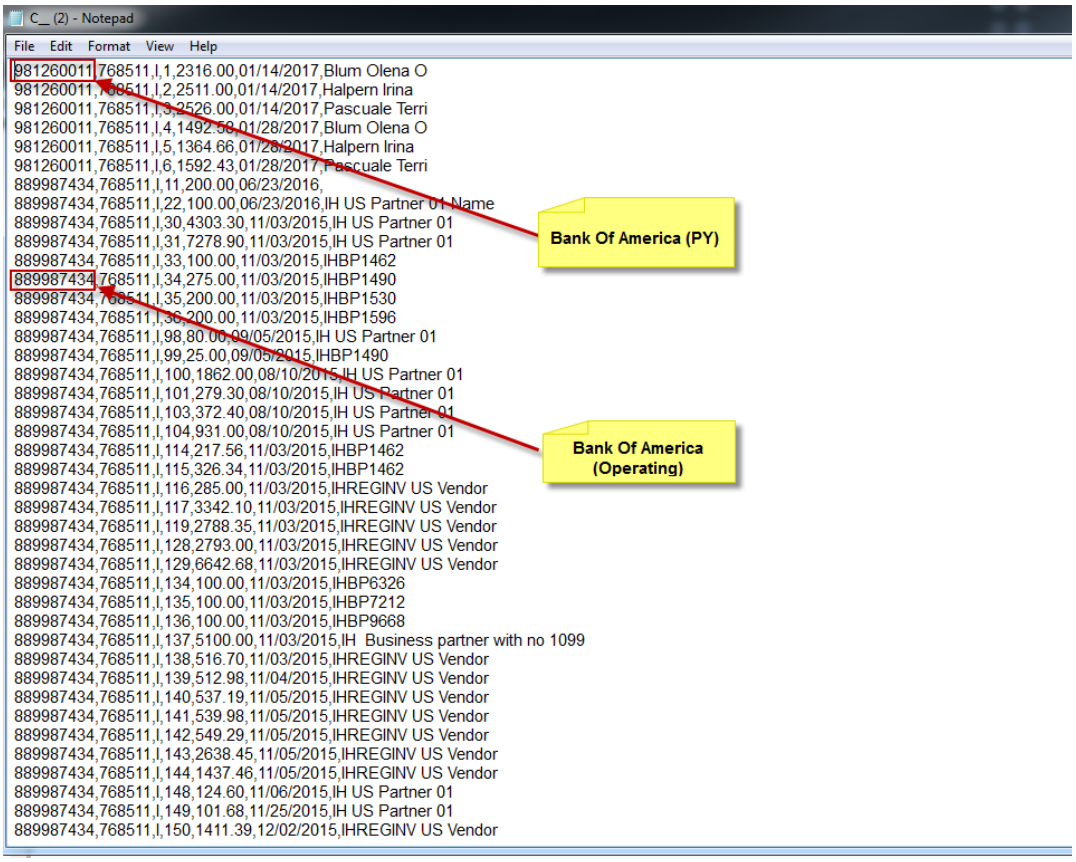
4. Selection for AP Checks (GL Account 1000.100) has been made, checks were prepared, and the Check Run has been posted; PY checks have been prepared.

5. Create AP/PY Combined Positive Pay file: (Account Payable -> Check -> Positive Pay Register -> Create AP/PY Combined Positive Pay).

NOTE: The file will include **ALL** the AP checks as well as PY checks prepared in the system that are related to the Bank Of America (BOA).



The AP/PY Combined Positive Pay file is created according to the specification:



Summary:

CMiC has created a new Bank of America(CashPro) Multi-Positive pay format (AP / PY Combined) as per Sample File provided by the customer.

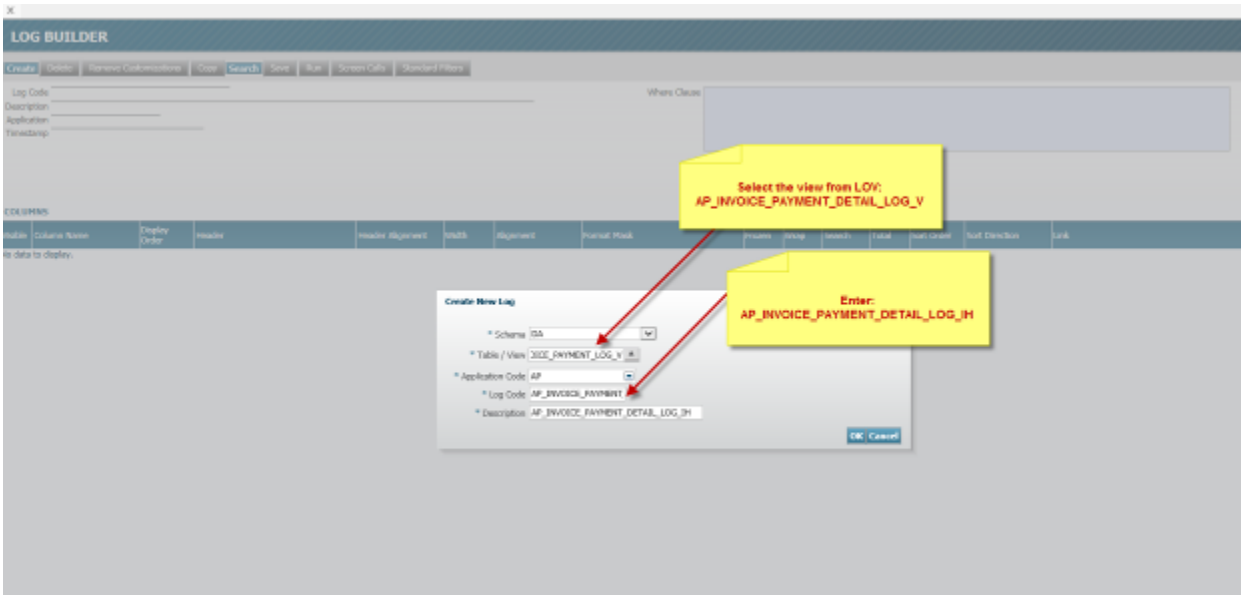
Added Check Date column to AP_INVOICE_PAYMENT_LOG_V (17.33536)

Overview:

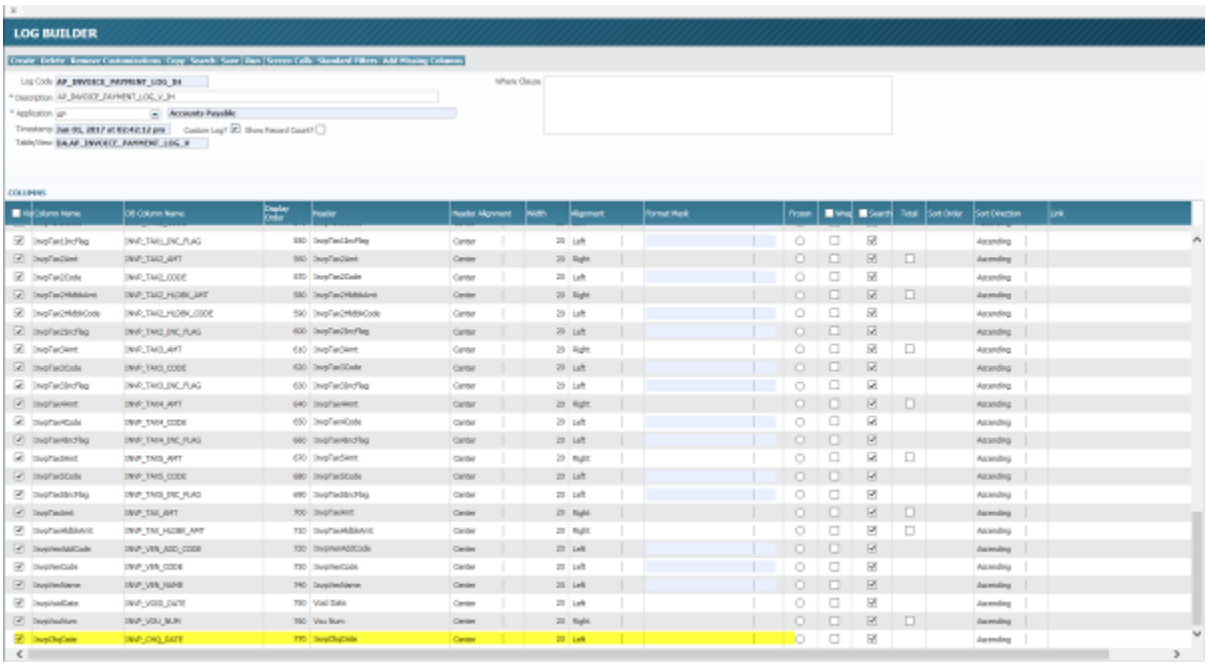
CMIC has modified the system log builder view "DA.AP_INVOICE_PAYMENT_LOG_V" in ADF to add new field "Check Date".

Settings and Examples:

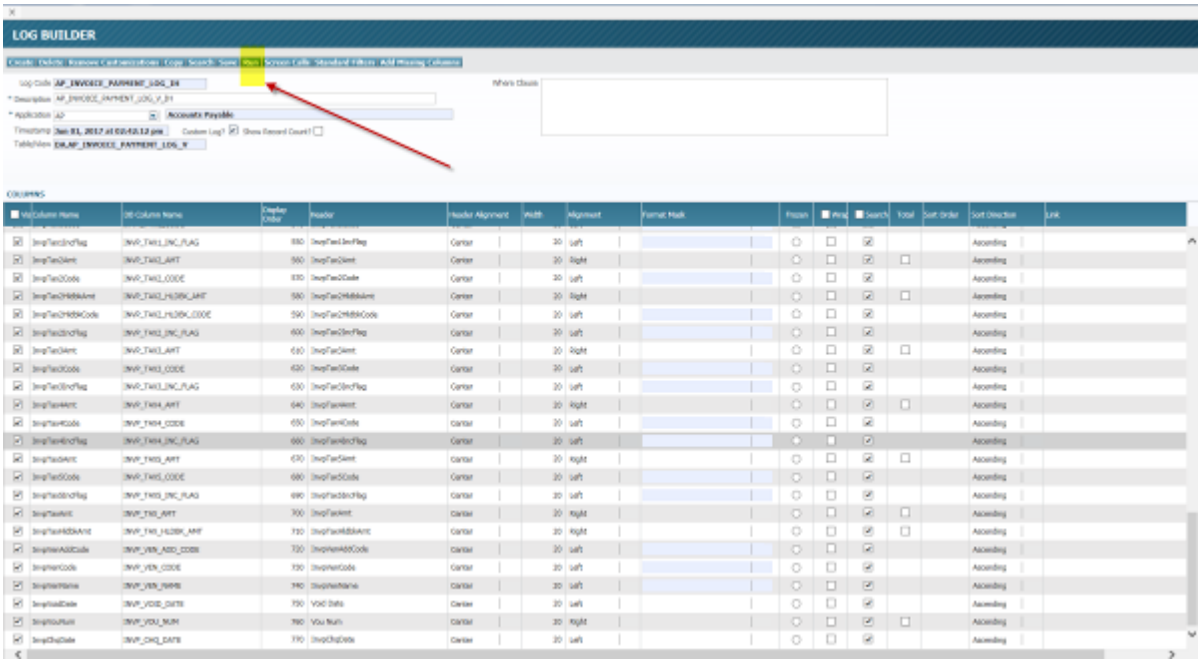
1. Access the LOG Builder (System -> Logs -> Log Builder) and create a new LOG AP_INVOICE_PAYMENT_DETAIL_LOG_IH (any other name could be used) based on the view AP_INVOICE_PAYMENT_DETAIL_LOG_V:



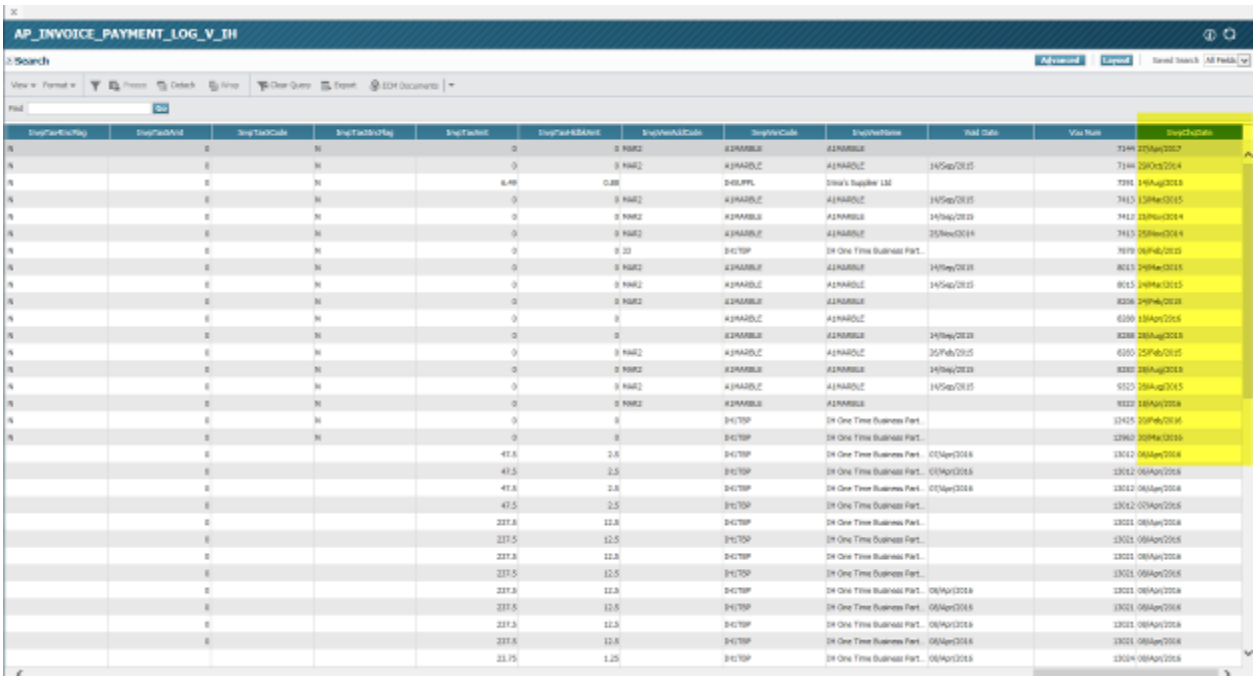
2. The List of the Columns for the view DA.AP_INVOICE_PAYMENT_LOG_V is displayed; the new column INVP_CHQ_DATE has been added to the view:



3. Select the required columns and Click Run icon (in the example below all columns are selected):



4. The new LOG AP_INVOICE_PAYMENT_LOG_IH has been created. The new column INVP_CHQ_DATE has been added to the LOG:



Summary:

The system log builder view "DA.AP_INVOICE_PAYMENT_LOG_V" in ADF has been modified: the new column "Check Date" (InvpChqDate) is created to enable the user to add "Check Date" column to the LOG.

JP Morgan Chase Positive Pay for AP (combined) (16.28178)

Overview:

CMiC has created a new Positive Pay Format (AP & PY Combined) for JP Morgan Chase Bank per the document attached. This format will be available on the Combined Positive Pay screen. This format corresponds to the PWS Delimited Text File (PWS Comma Separated Value) in the specification provided by the customer.

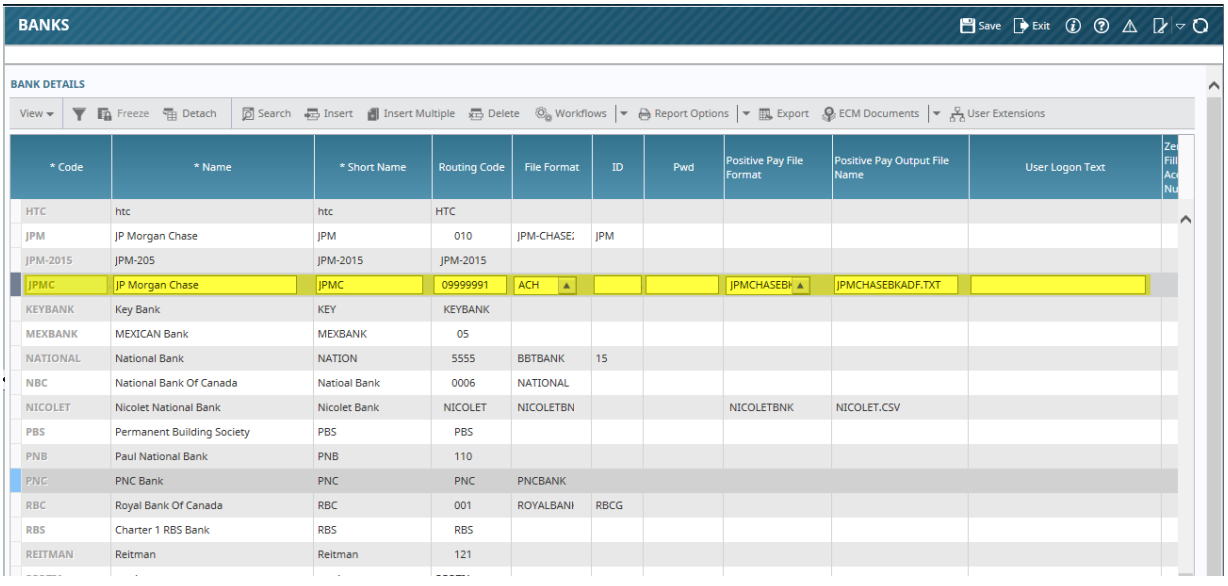
Settings and Examples:

6. The New Positive Pay Format (AP & PY Combined) for JP Morgan Chase has the following fields:

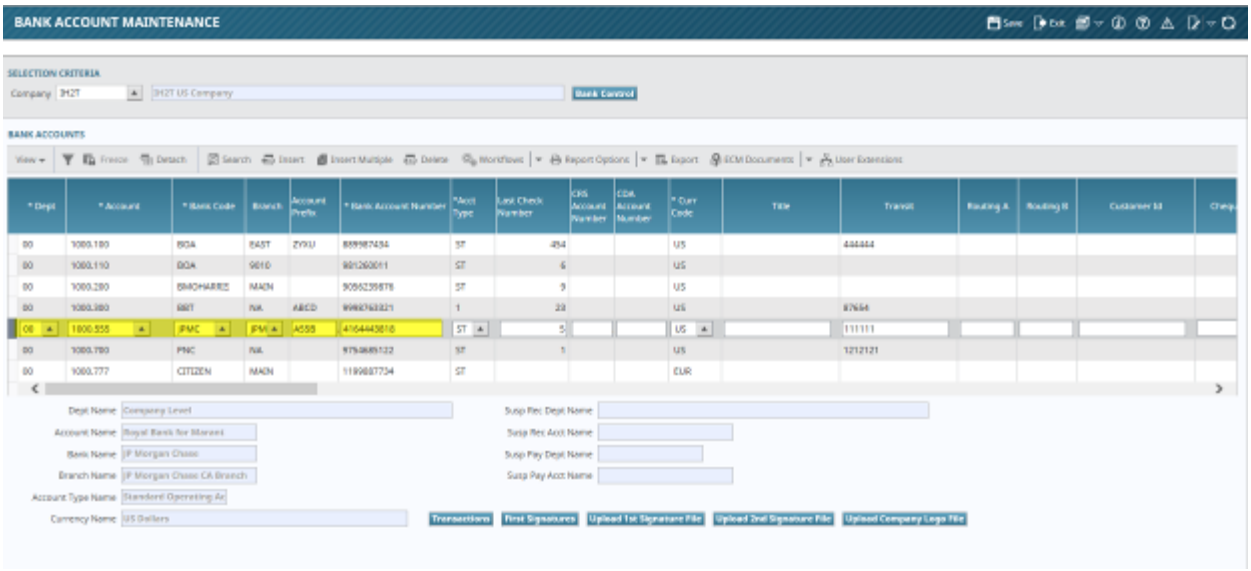
PWS Delimited Text File (PWS Comma Separated Value)

Column Name	Length	Field Description	Valid Values
Transaction Indicator	1	Indicates the check type	I = Issue, C = Cancel, S = Stop, R = Revoke Stop, or 1 = Issue, 2 = Cancel, 3 = Stop, 4 = Revoke Stop
Account Number	17	Account number check was issued against	
Check Number	10	Check number issued	
Check Date	6	Date the check was issued	MMDDYY.
Check Amount	11	Amount of check	11 digits (including decimal point and two-cent digits) are the maximum amount. An amount that does not include the decimal point and two-digit cents will be considered a whole number. **Maximum dollar limit that will be accepted is $99,999,999.99.**
Narratives	30	Additional information pertaining	
Payee 1	40	First payee name on check	
Payee 2	40	Second payee name on check	

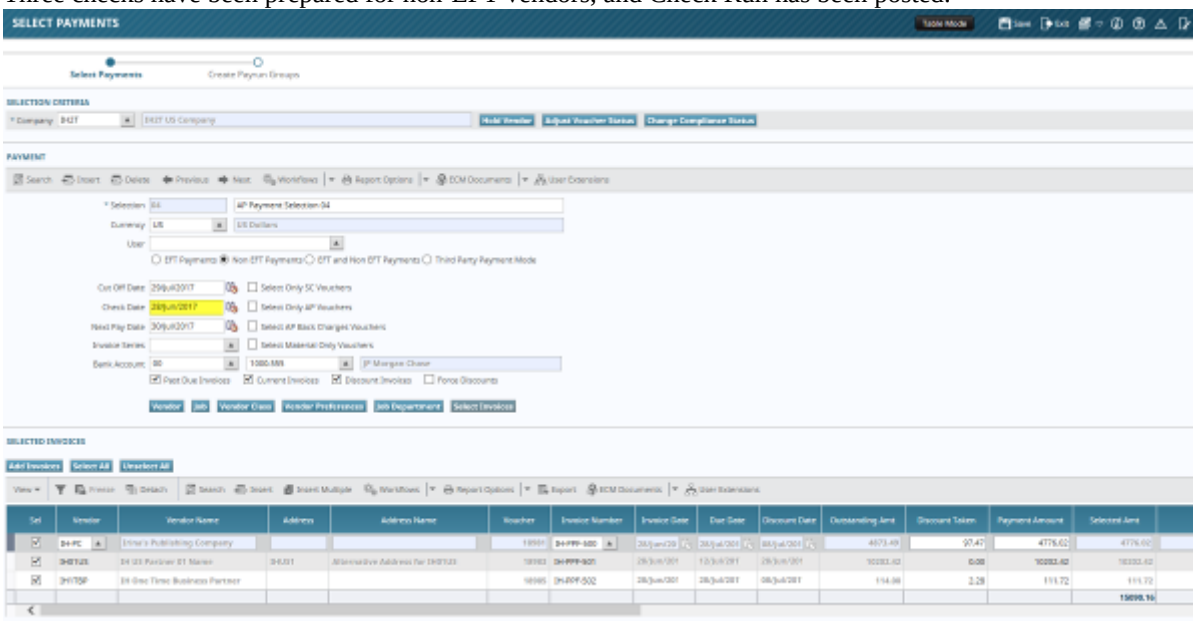
7. New Positive Pay Format (JPMCHASEBK) should be entered in the column “Positive Pay File Format” for the selected bank, and the output file name (JPMCHASEBKADF.TXT) should be entered in the column “Positive Pay Output File Name” for the same bank on the Bank Maintenance screen (System -> Global Tables -> Banking -> Banks) as shown on the two screenshots below.

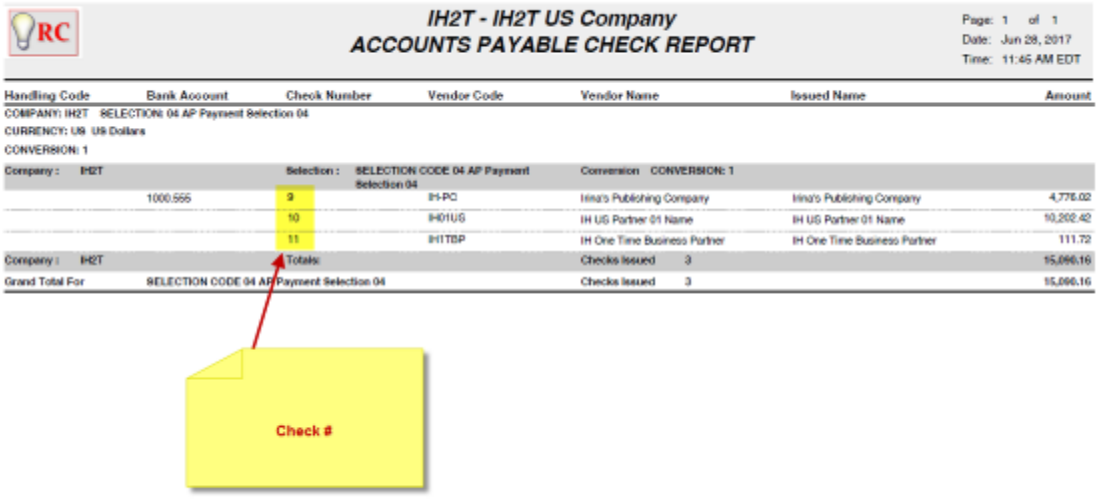


8. Bank Accounts are set up on the Bank Account Maintenance Screen (System -> Global Tables -> Global Tables -> Banking -> Bank Account):



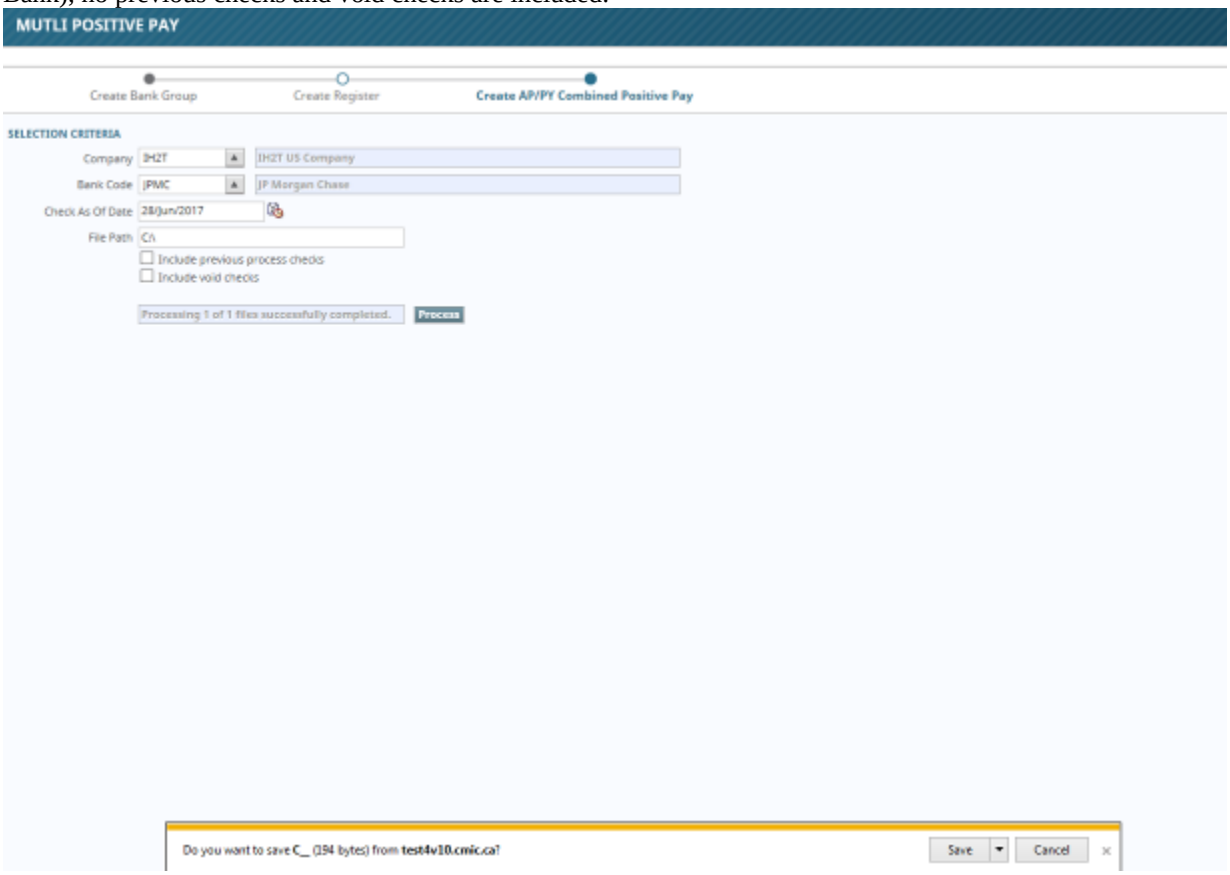
Three checks have been prepared for non-EFT vendors, and Check Run has been posted:



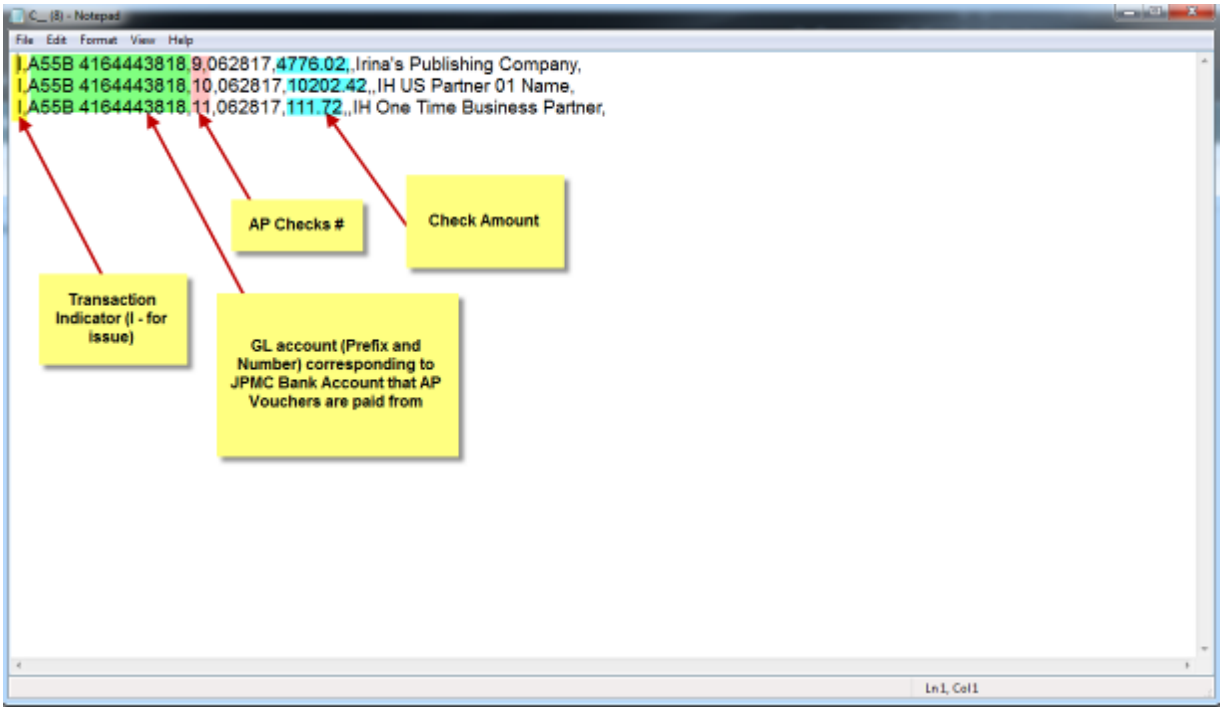


9. Create AP/PY Combined Positive Pay file:

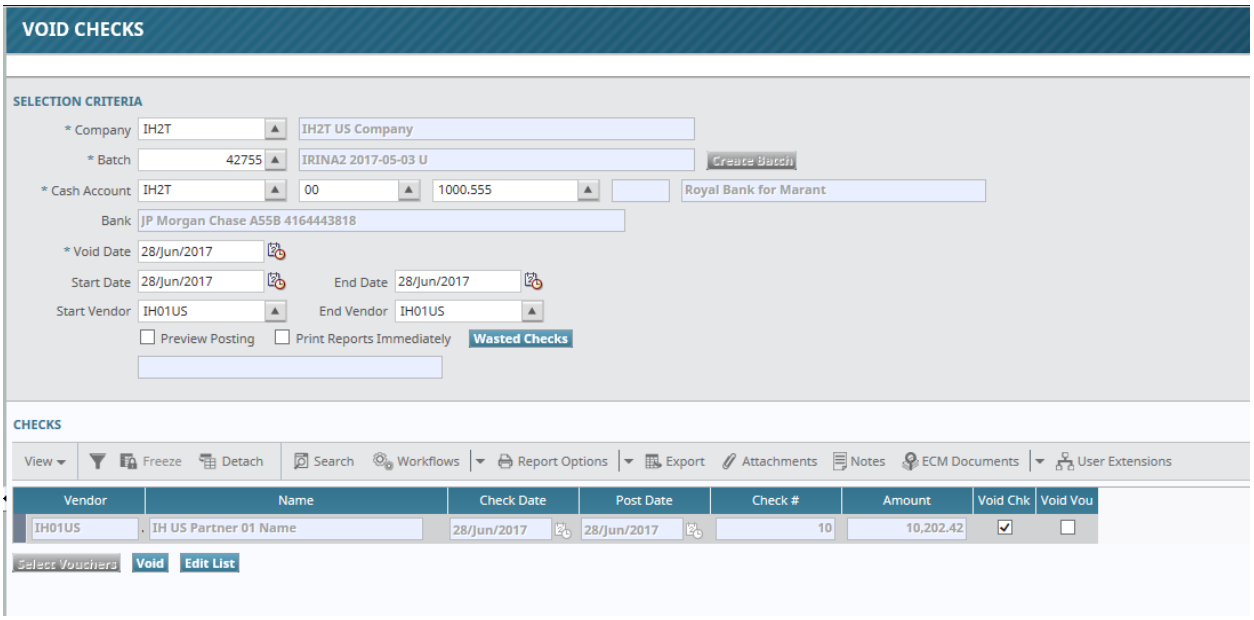
NOTE: The file will include both AP checks and PY checks prepared in the system related to the specified bank (JPMC Bank), no previous checks and void checks are included:



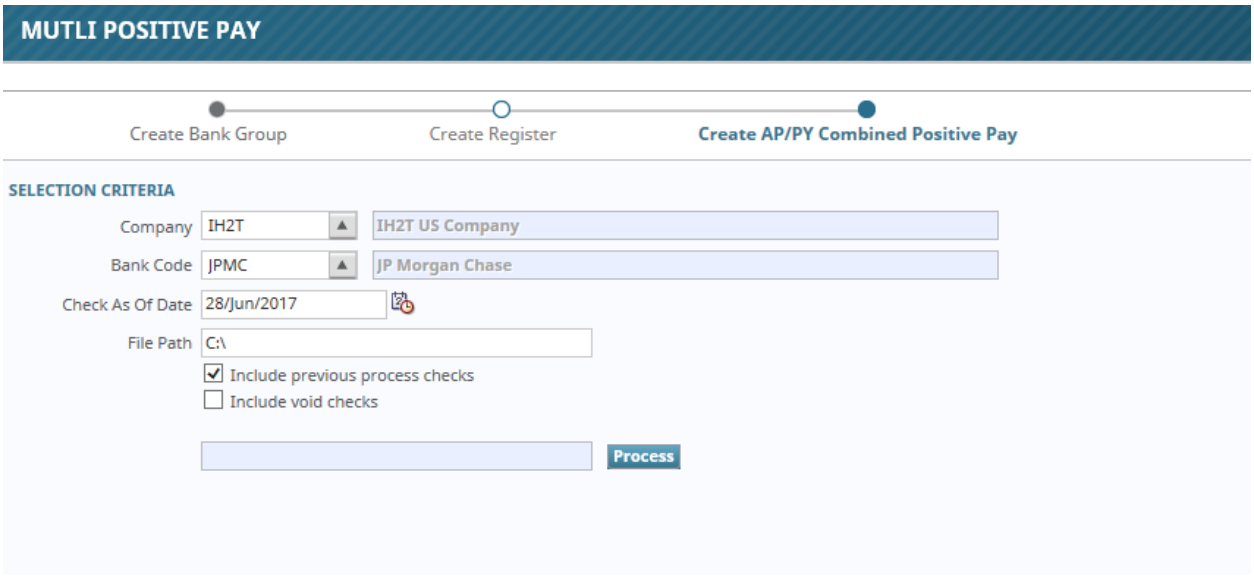
The New Positive Pay Format (AP & PY Combined) for JP Morgan Chase file has been created according to the specification provided:



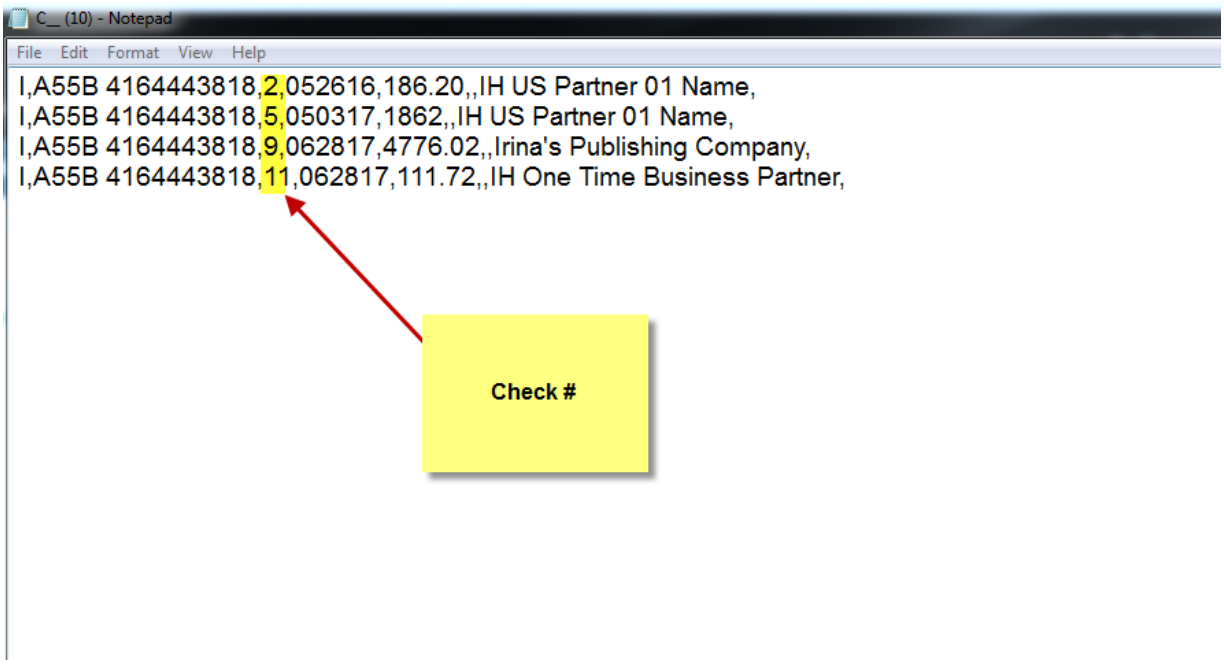
10. To verify void check functionality for The Positive Pay File, void the check #10 for the vendor IH01US:



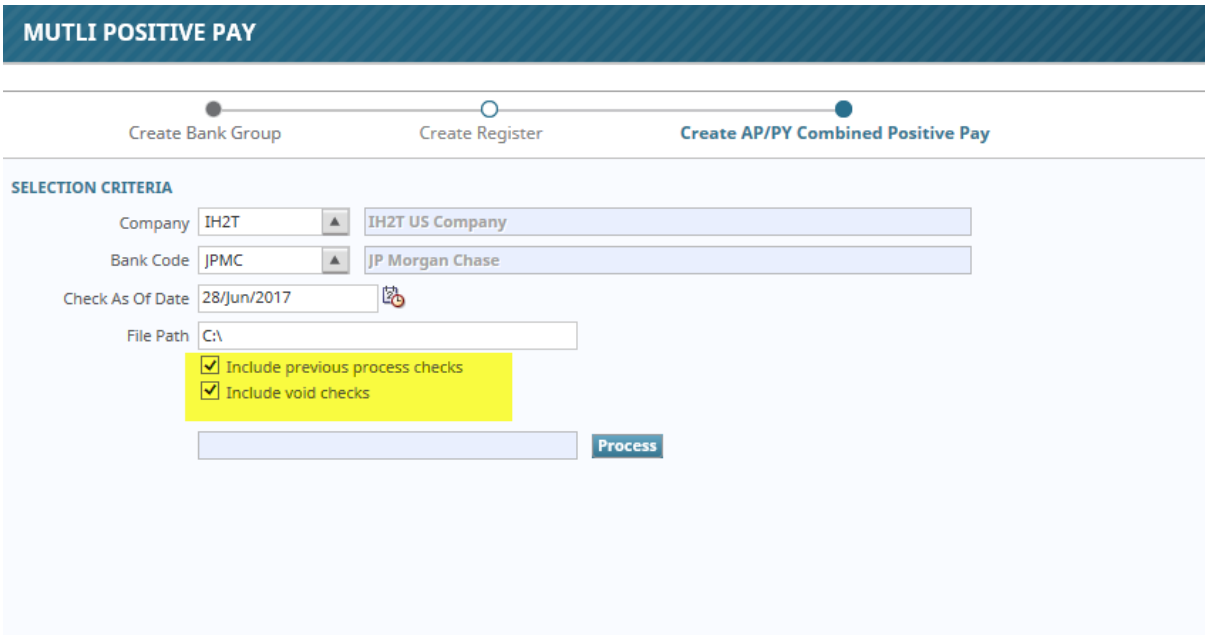
11. Re-create the Positive Pay File (AP & PY Combined) for JP Morgan Chase Bank; include previous process checks, but do not include void checks:



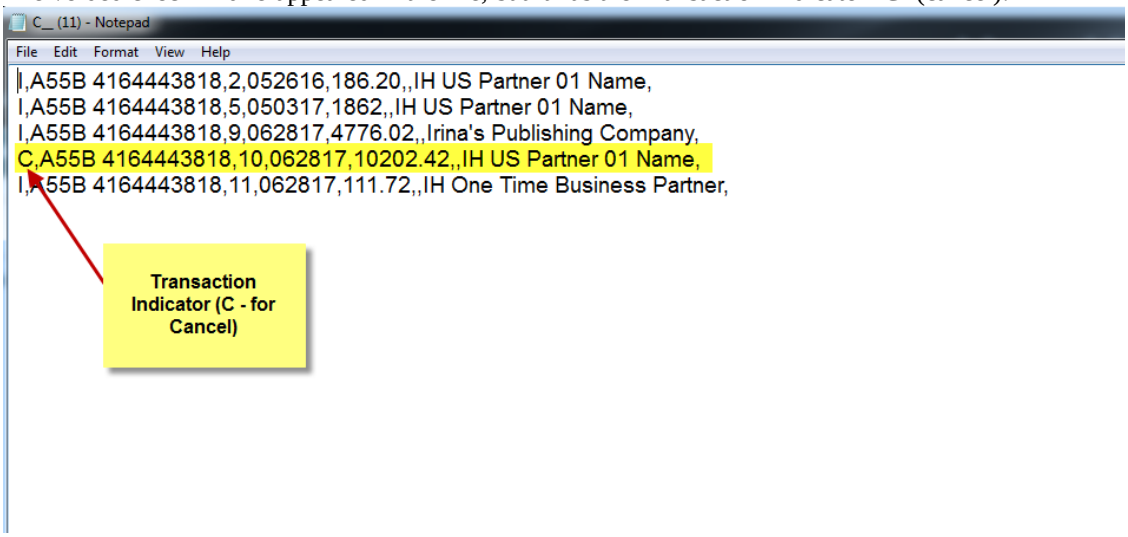
NOTE: The Positive Pay File (AP & PY Combined) will include the checks that have been previously processed. The voided check # 10 is not included in the file:



12. Re-create the Positive Pay File (AP & PY Combined) for JP Morgan Chase Bank again; this time include previous process checks AND void checks:



The voided check #10 re-appeared in the file; but it has the Transaction Indicator 'C' (cancel):



The functionality works correctly.

Summary:

A new Positive Pay Format (AP & PY Combined) for JP Morgan Chase Bank has been created per the document attached. This format will be available on the Combined Positive Pay screen. This format is consistent with the PWS Delimited Text File (PWS Comma Separated Value) described in the specification provided by the customer.

New Multi Positive Pay format for CashPro (17.30516)

Overview:

CMiC has created a new Multi Positive Pay format (AP / PY Combined) as per CashPro sample file provided by the customer.

Settings and Examples:

1. Multi Positive Pay format for CashPro provided by the customer:

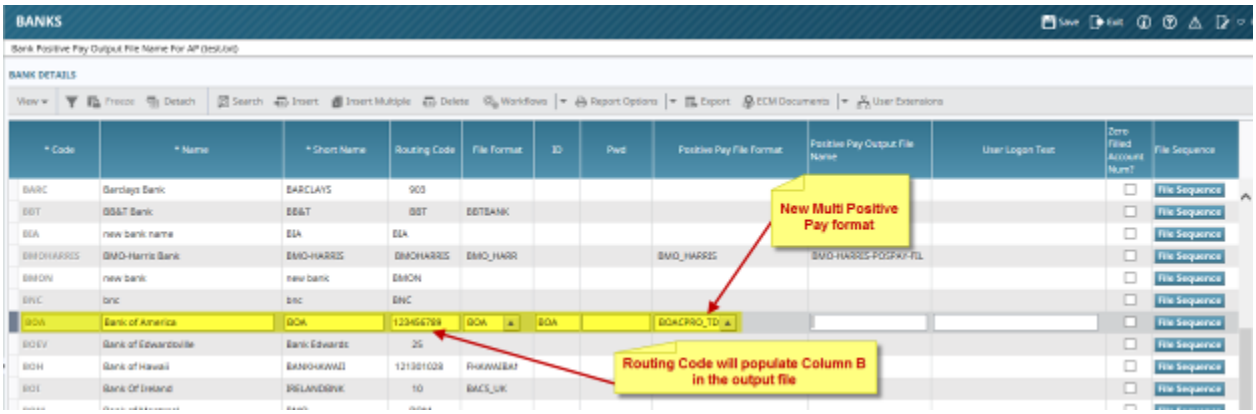
Column A	Column B	Column C	Column D	Column E	Column F	Column G

Column A: Account Number (max length is 12 characters)
Column B: ABA (Routing) Code (9 characters). The Routing Code is populated from the column "Routing Code" on Bank Maintenance screen
Column C: Check Number (max length is 10 characters)
Column D: Dollar Amount – should not contain any commas.
Column E: Issued Date in the format MM/DD/YYYY (10 characters)
Column F: Add or Cancel Indicator (I = issued check, C = cancelled) (1 character)
Column G: Payee Names – the payee names must match the payee names on the issued checks (First Name, Middle Initial, Last Name)

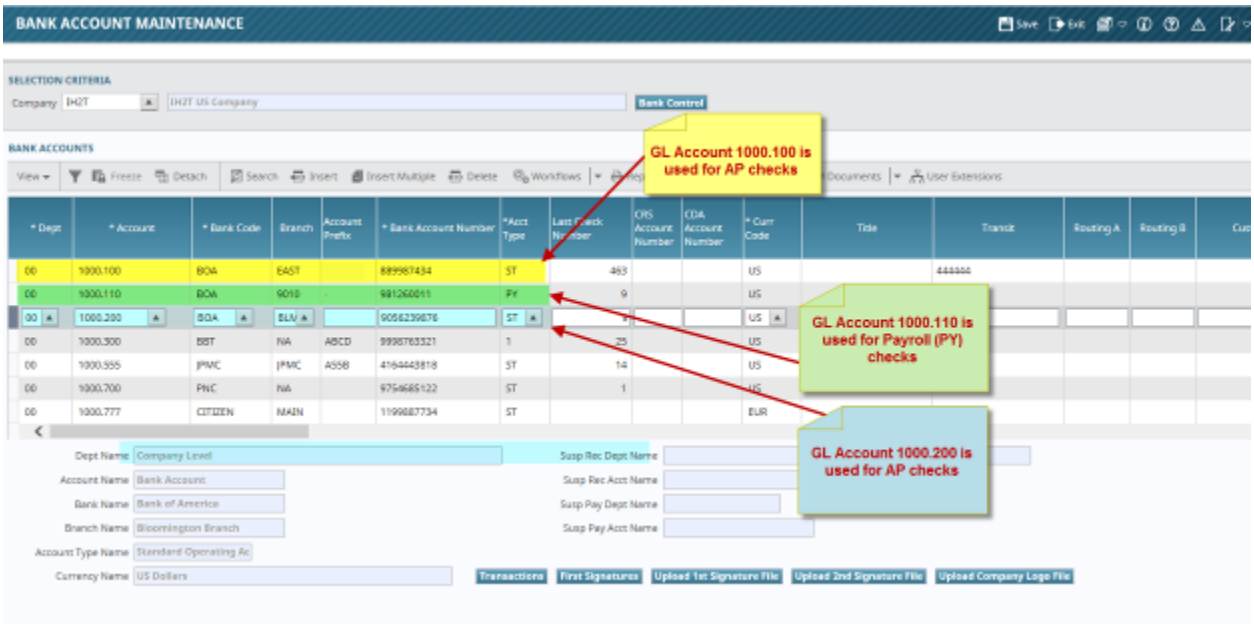
2. The CashPro Multi Positive Pay format (BOACPRO_TD) should be entered in the column "Positive Pay File Format" on the BANKS screen (System -> Global Tables -> Banking -> Banks) for the bank that will be utilizing this format. The output filename (containing only Alpha or Numeric characters) should be entered in the column "Positive Pay Output File Name".

   In the screenshot below, the Bank of America (BOA) is set to use BOACPRO_TD Multi Positive Pay Format and output file name "BOACASHPROTD.TXT"

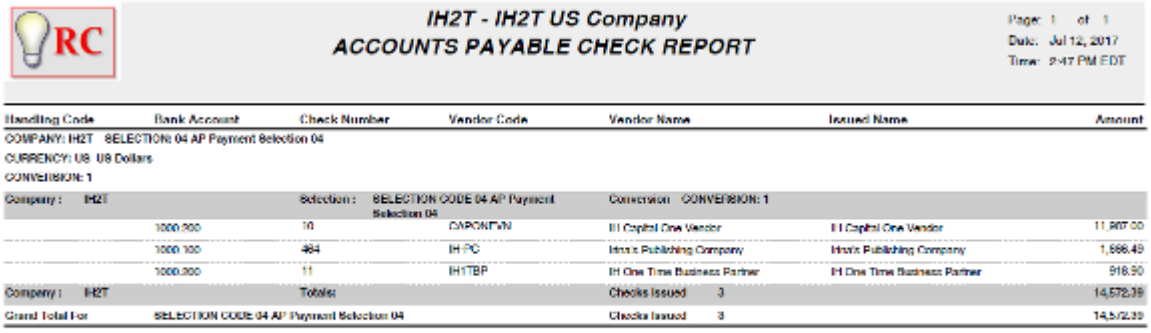
   NOTE: The User can utilize any other file name he finds suitable.



3. Bank Accounts for the Company are set up on the Bank Account Maintenance Screen (System -> Global Tables -> Banking -> Bank Account). In the setup below, the Company ZZ has three accounts for the Bank of America (BOA): two accounts to be used for issuing of AP checks (889987434 and 9056239876); and one account for creating PY Checks (981260011):



4. The following 3 AP Checks have been prepared; two checks are paid from the Cash Account 1000.200, and one – from the Cash Account 1000.100:

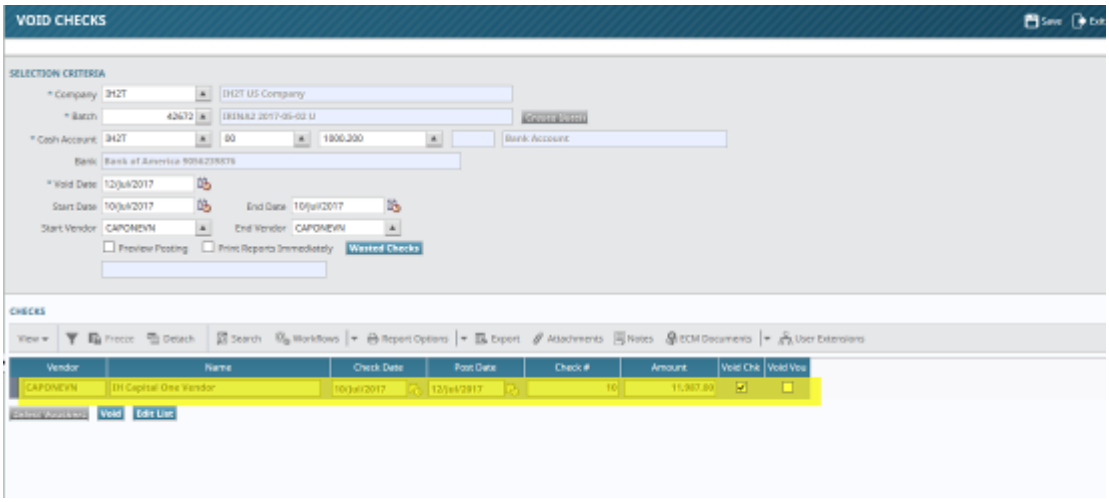


IH2T - IH2T US Company
ACCOUNTS PAYABLE CHECK REPORT

Page: 1 of 1
Date: Jul 12, 2017
Time: 9:47 PM EDT

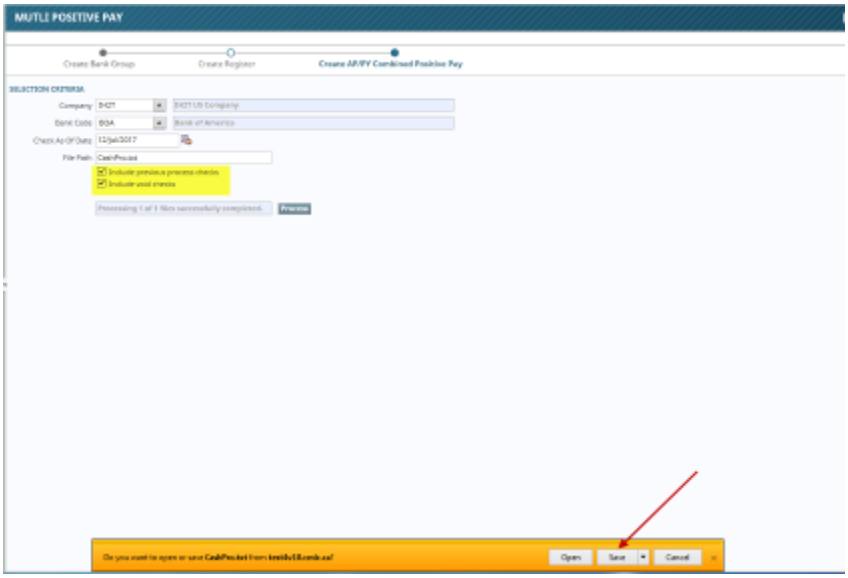
Handling Code	Bank Account	Check Number	Vendor Code	Vendor Name	Issued Name	Amount
COMPANY: IH2T SELECTION: 04 AP Payment Selection 04						
CURRENCY: US US Dollars						
CONVERSION: 1						
Company : IH2T		Selection : SELECTION CODE 04 AP Payment Selection 04		Conversion CONVERSION: 1		
	1000.200	10	CAPONEVN	IH Capital One Vendor	IH Capital One Vendor	11,997.00
	1000.100	484	IH PC	Hink Publishing Company	Hink Publishing Company	1,666.49
	1000.200	11	IH1TBP	IH One Time Business Partner	IH One Time Business Partner	918.90
Company : IH2T		Totals:		Checks Issued 3		14,572.39
Grand Total For	SELECTION CODE 04 AP Payment Selection 04			Checks Issued 3		14,572.39

5. Void AP Check #10 (for the Vendor CAPONEVN):

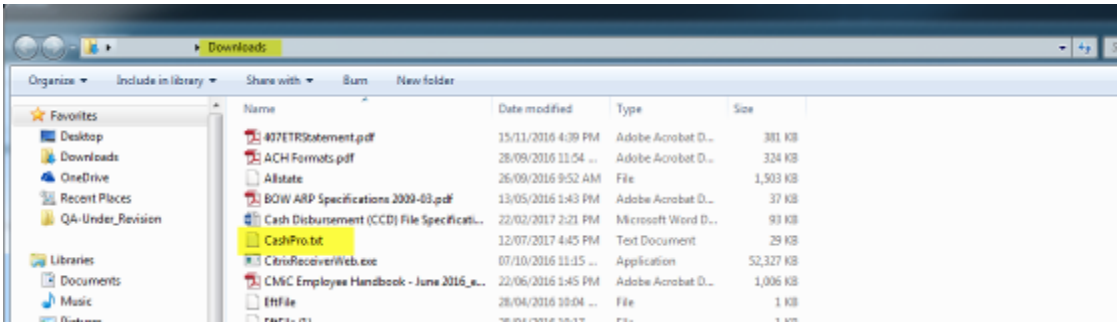


6. Create CashPro Multi Positive Pay format (AP / PY Combined) including previously processed and void checks (Accounts Payable -> Check -> Positive Pay Register):

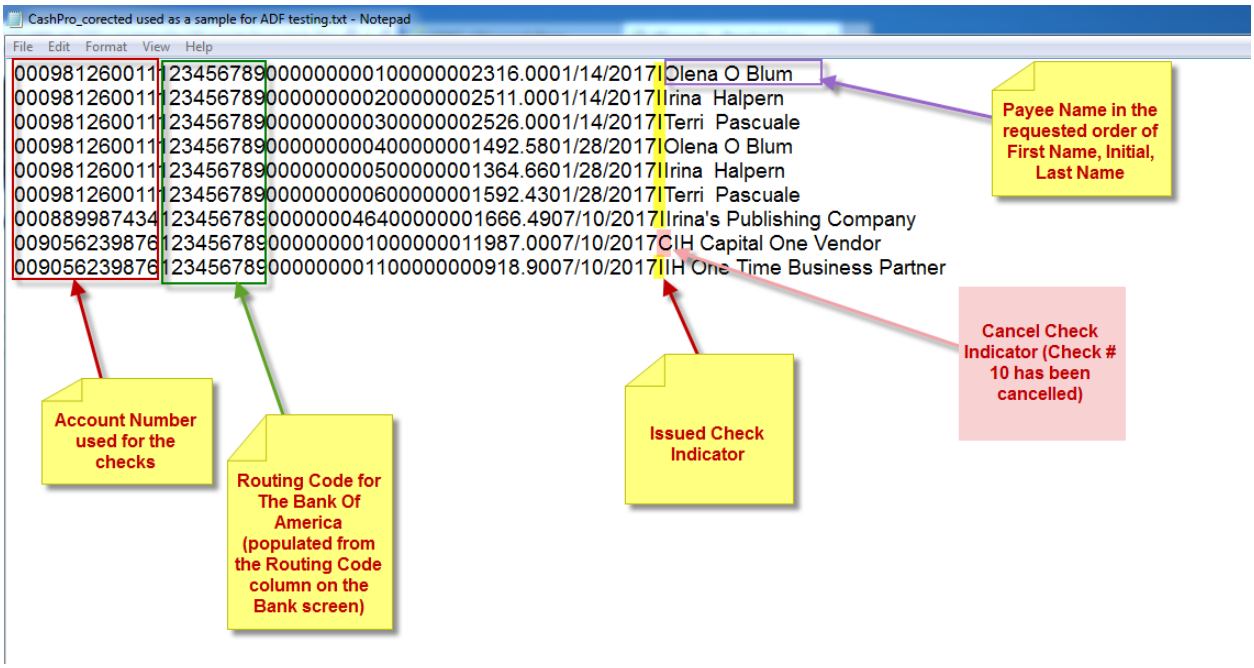
NOTE: The file will include the AP checks as well as PY checks prepared in the system using Bank of America (BOA) accounts.



If the button Save is pressed, the output file will be stored in the Downloads directory:



A new CashPro Multi-Positive Pay format (AP/PY Combined) file has been created.



Summary:

CMiC has created a new Multi Positive Pay format (AP / PY Combined) as per CashPro sample file provided by the customer.

Ability To Control the defaulting of Invoice Detail distribution type from Vendor setup (17.37661)

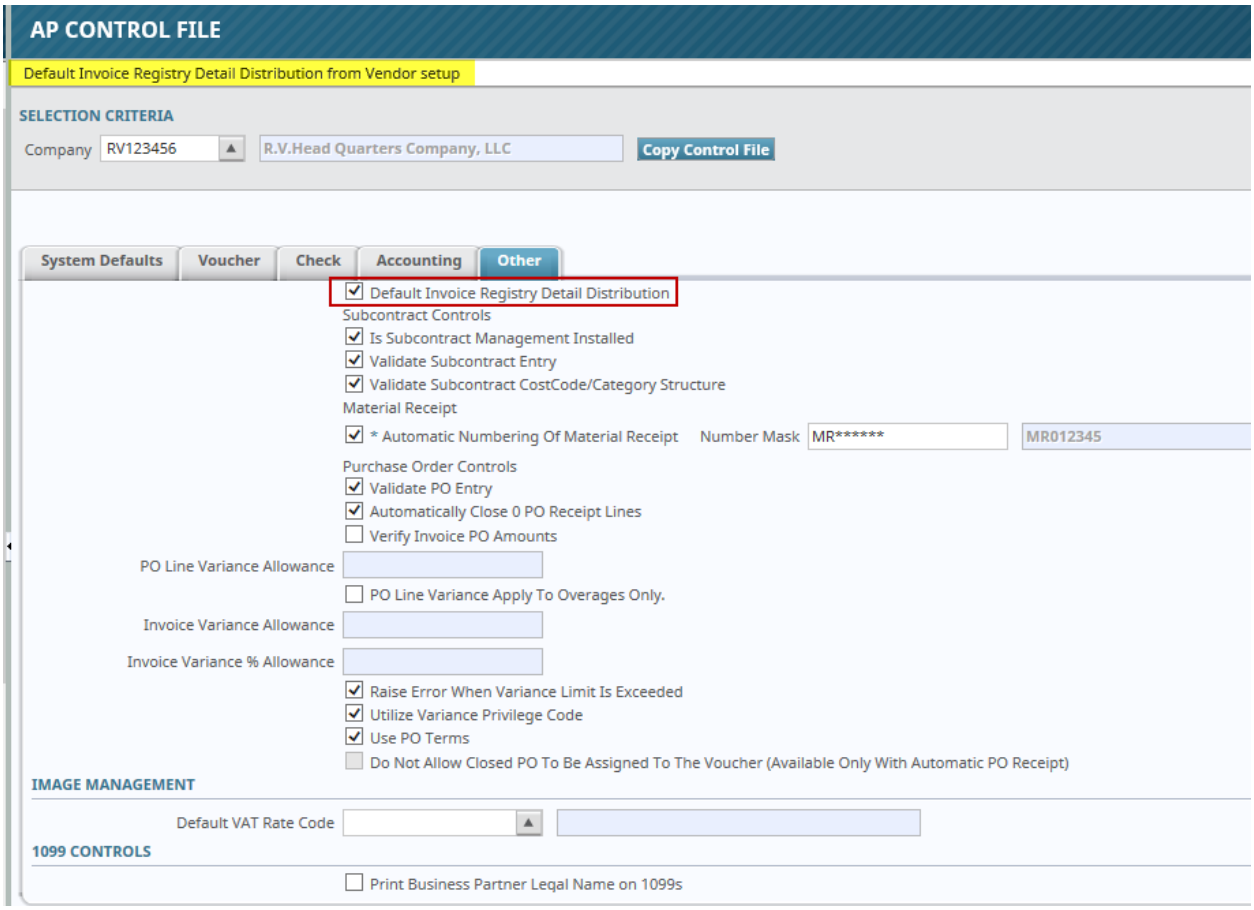
Overview:

Ability to control the defaulting of the distribution type, Job/Dept/WO/Eqp & CostCode/Acc/WI/Compon fields in Invoice Registry Entry > Invoice Details pop-up

Modifications:

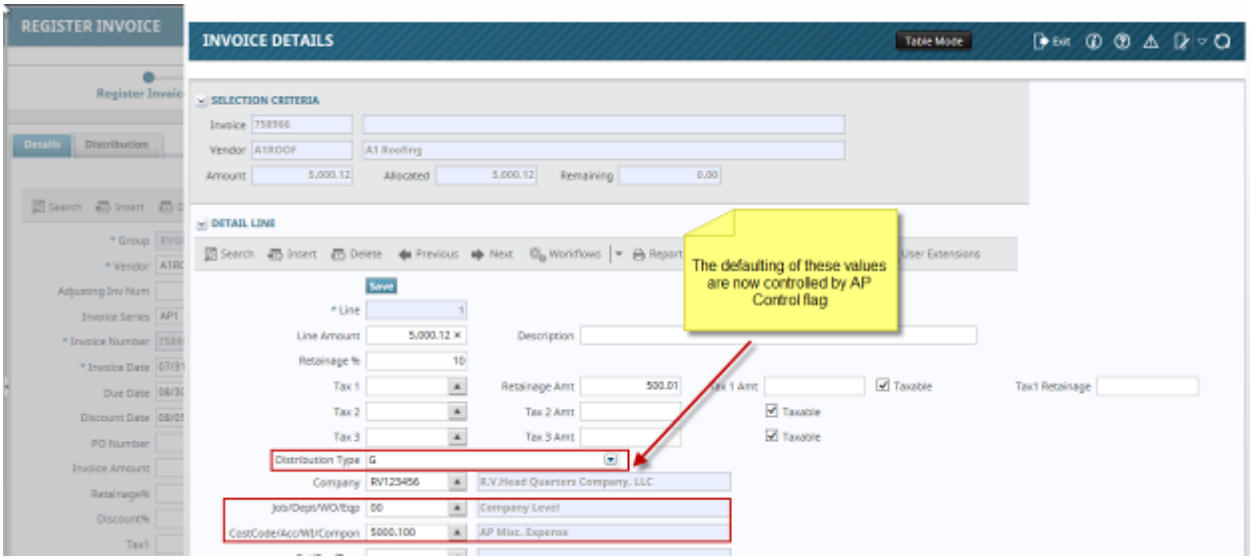
Added a checkbox ‘Default Invoice registry Detail Distribution’ to AP Control > Others tab.

The default value is set as ‘Y’ for all clients to preserve existing functionality.



When Checked (Y), then the Invoice Detail pop-up screen in Register Invoice Entry screen, the distribution type and the related Dept/Account fields will default from the Vendor setup scree.

When Un-Checked (N), then the distribution type and the related fields will be null.



Business Partner Maintenance Privileges (17.42528)

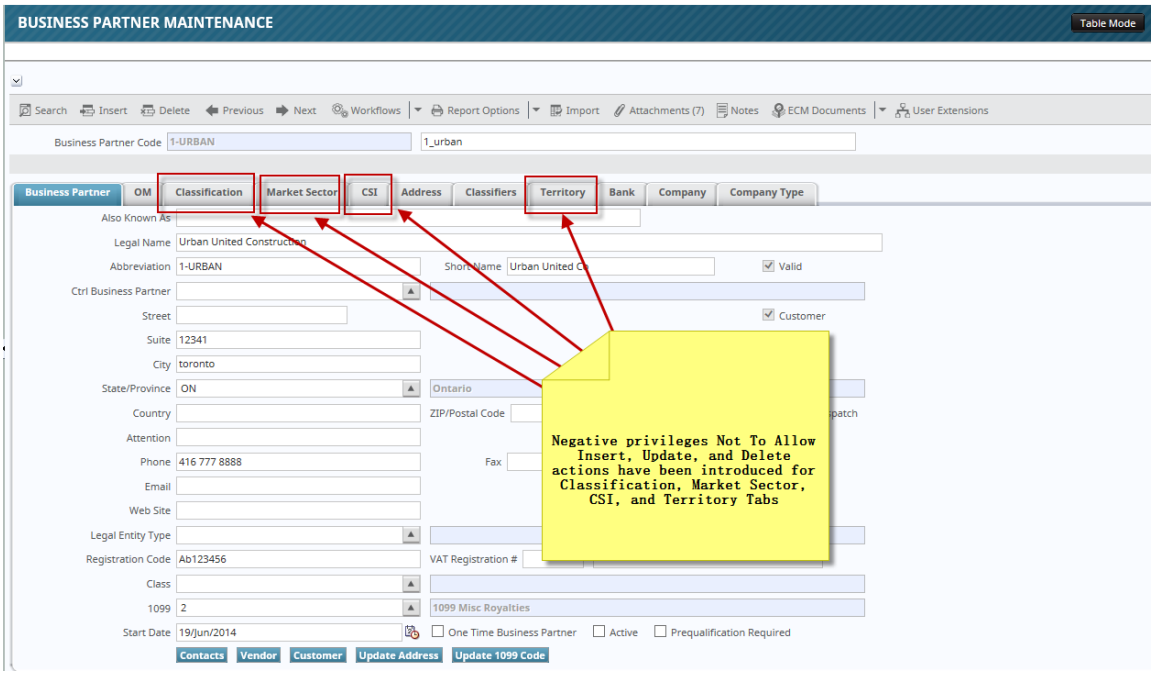
In ADF environment CMIC has created the following 12 new system privileges for Business Partner program for 4 tabs (Classification, Market Sector, Territory, and CSI). By default, all the privileges are unchecked. The user will need to check each privilege at user level in order *not to allow* them to insert, update and delete.

For Classification Tab:
1. Do Not Allow To Insert Classification Record On Business Partner
2. Do Not Allow To Update Classification Record On Business Partner
3. Do Not Allow To Delete Classification Record On Business Partner

For Market Sector Tab:
1. Do Not Allow To Insert Market Sector Record On Business Partner
2. Do Not Allow To Update Market Sector Record On Business Partner
3. Do Not Allow To Delete Market Sector Record On Business Partner

For Territory Tab:
1. Do Not Allow To Insert Territory Record On Business Partner
2. Do Not Allow To Update Territory Record On Business Partner
3. Do Not Allow To Delete Territory Record On Business Partner

For CSI Tab:
1. Do Not Allow To Insert CSI Record On Business Partner
2. Do Not Allow To Update CSI Record On Business Partner
3. Do Not Allow To Delete CSI Record On Business Partner



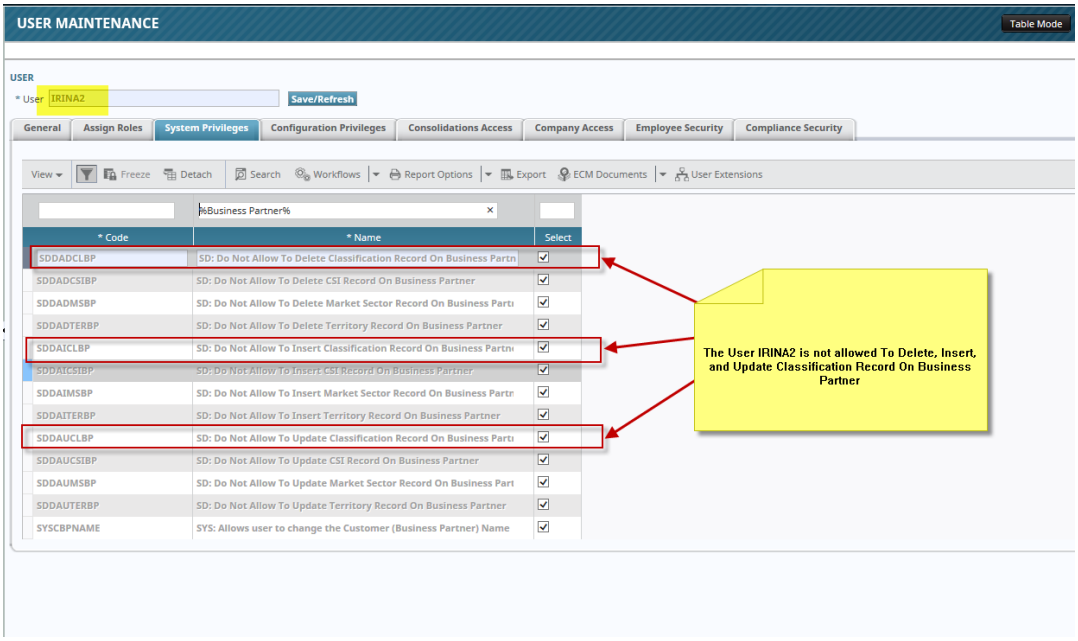
Settings and Examples:

The new functionality will be demonstrated below only for the Tab "Classification" since the program behaves similarly for the Classification, Market Sector, CSI, and Territory Tabs.

1. Treeview Path: System -> Security -> User -> User Maintenance -> System Privileges Tab

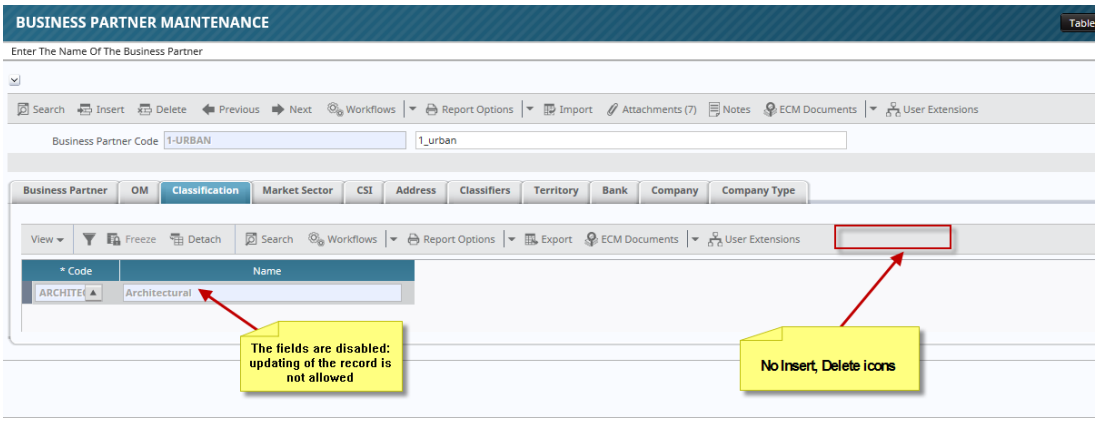
The screenshot below displays system privileges for the user IRINA2. All negative privileges for Classification, Market Sector, Territory, and CSI have been checked for the user *not to allow* the user to Delete, Insert, and Update the records in these Tabs on the Business Partner Maintenance screen.

For example, as highlighted below three negative privileges are checked for the Classification Tab: the user is Not allowed to Insert, Delete, and update Classification on Business Partner:

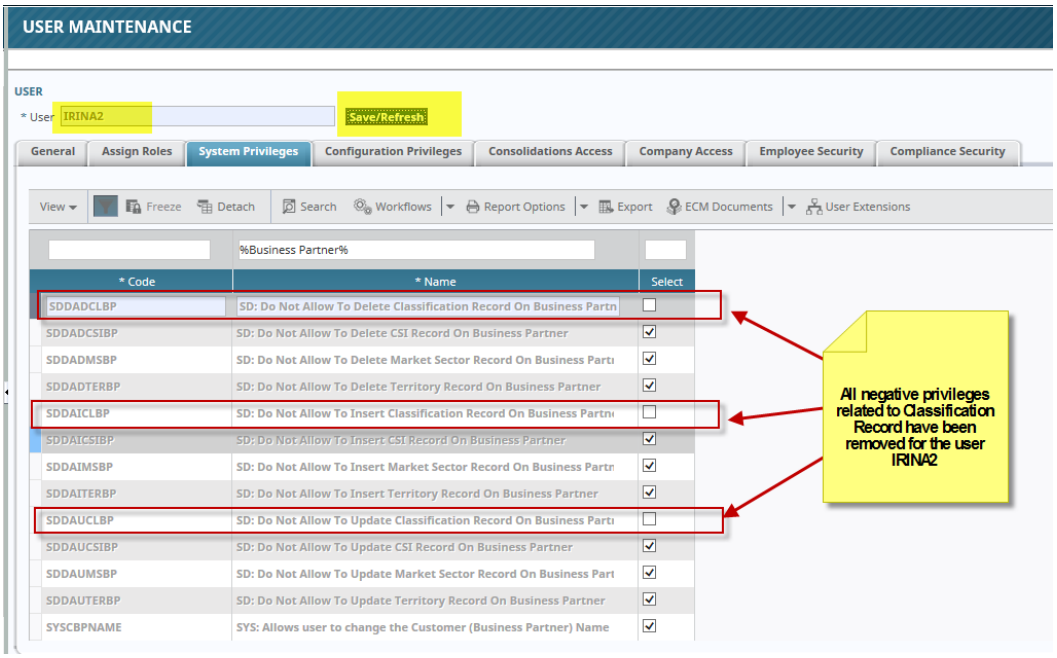


2. As the result of the negative privileges above, when the user IRINA2 opens the Classification Tab on Business Partner Maintenance screen, the Insert and Delete icons on the toolbar will not be available for the user.

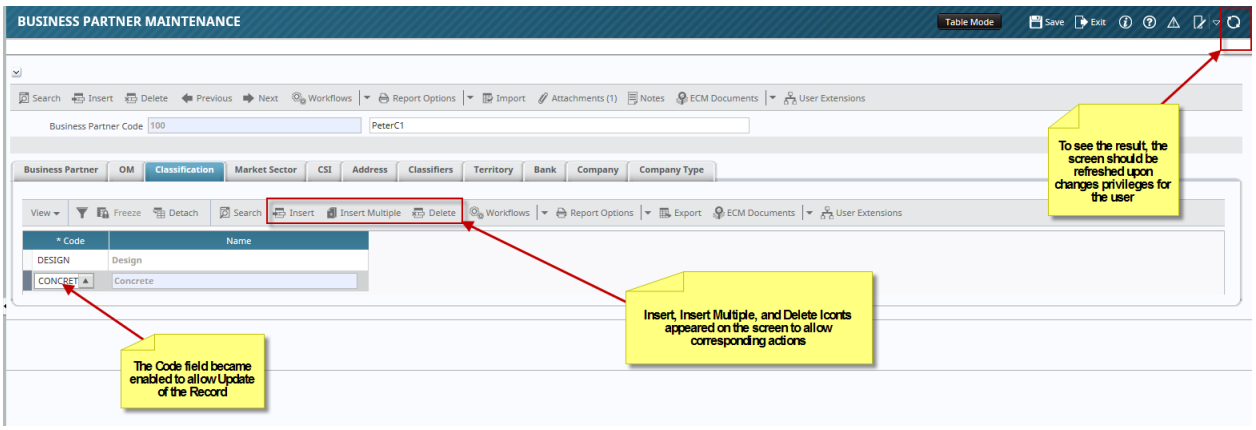
   Also, the existing record(s) will be disabled in accordance with the user's negative privilege Not To Allow To Update Classification Record On Business Partner:



3. Uncheck all negative privileges related to Classification Record on Business Partner for the user and Save/Refresh. As the result the user should be allowed to Delete, Insert, and Update Classification Record on Business Partner.



4. Upon changing the privileges for the user, the screen should be refreshed. Then the icons Insert, Insert Multiple, and Delete will appear on the toolbar of the Business Partner Maintenance, Classification Tab. The Code field of the existing record becomes enabled to allow the user to Update the record.



Summary:

Twelve new system privileges for Business Partner program for 4 tabs (Classification, Market Sector, Territory, and CSI) have been created. By default, all the privileges are unchecked. The user will need to check each privilege at user level in order *not to allow* them to insert, update and delete.

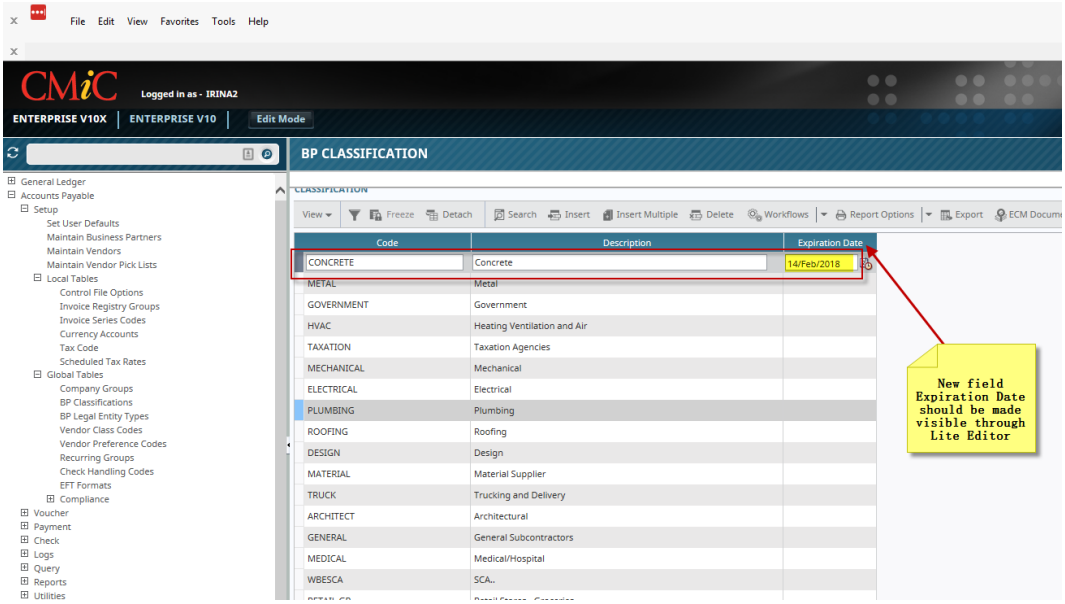
Expiration Date added to the BP Classification screen (18.48072)

CMIC has modified the Business Partner program to add the Expiration Date field to the BP Classification screen next to the "Description" field. This is an input date field and there is no validation on this field. By default, this new field is hidden; the user should make the field visible by using Lite Editor.

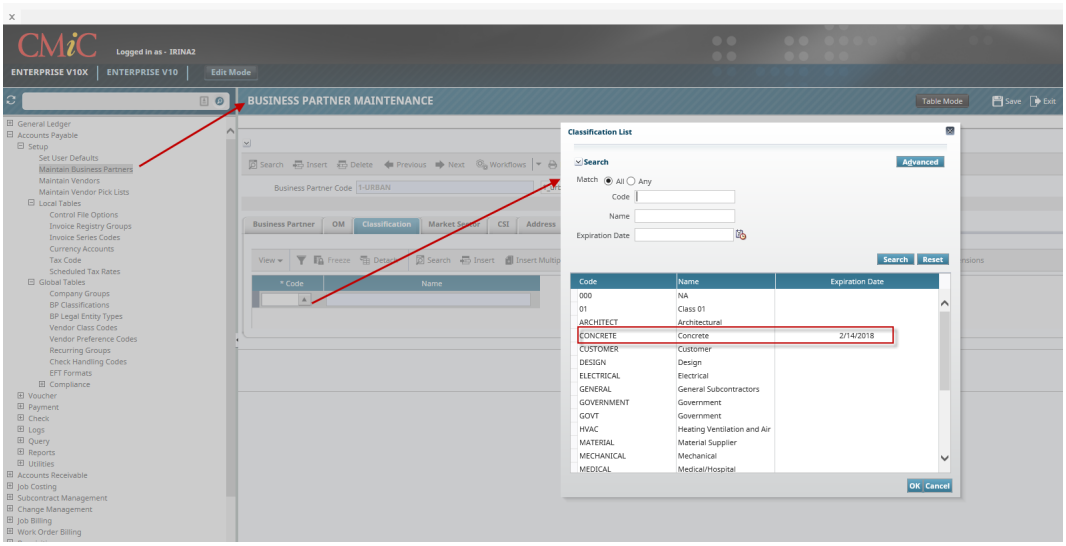
Setting and Examples:

1. Treeview Path to reach BP Classification program: Account Payable -> Setup -> Global Tables -> BP Classifications.

   In the screenshot below the BP Classification code CONCRETE is set to have the Expiration Date February 14, 2018. There is no validation on the field.



2. When a new Classification Record is being added to a Business Partner (Account Payable -> Maintain Business Partners -> Classification tab), the List Of Values for Classification Code displayed in popup window “Classification List” will include the Code with its Expiration Date:



Summary:

The new Expiration Date field has been added to the BP Classification screen next to the "Description" field. This is an input date field with no validation. By default, this new field is hidden; the user should make the field visible by using Lite Editor.

Capture GST on Manual Check (16.21443)

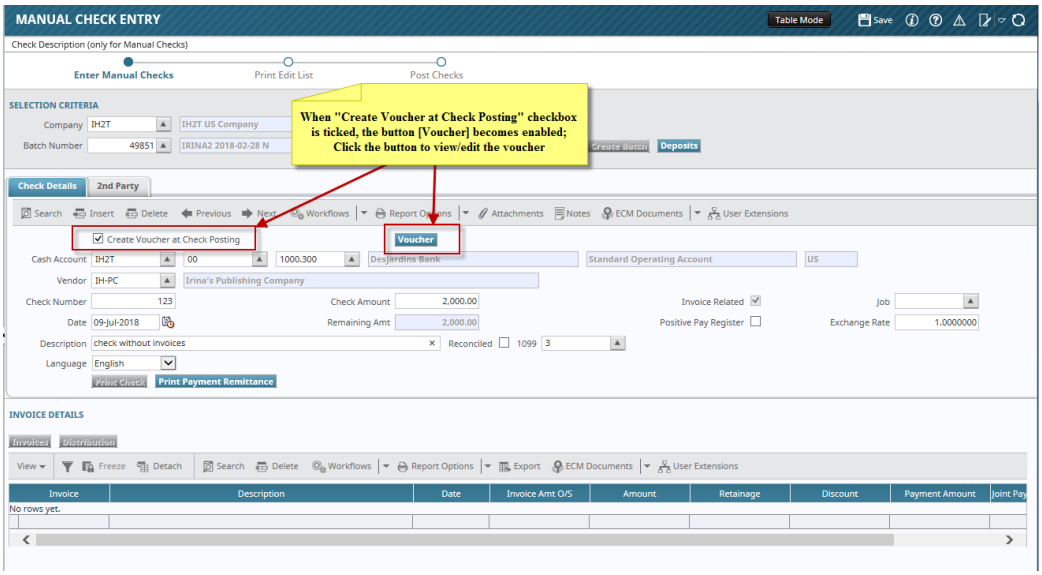
CMiC has modified Manual Check Entry program to add new fields “Create Voucher at Check Posting” checkbox, [Voucher] button, and [Print Payment Remittance] button on the Check Details Tab of the Manual Check Entry screen to enable the user to create a voucher associated with the manual check being entered.

Treeview Path: Account Payable -> Check -> Enter Manual Checks

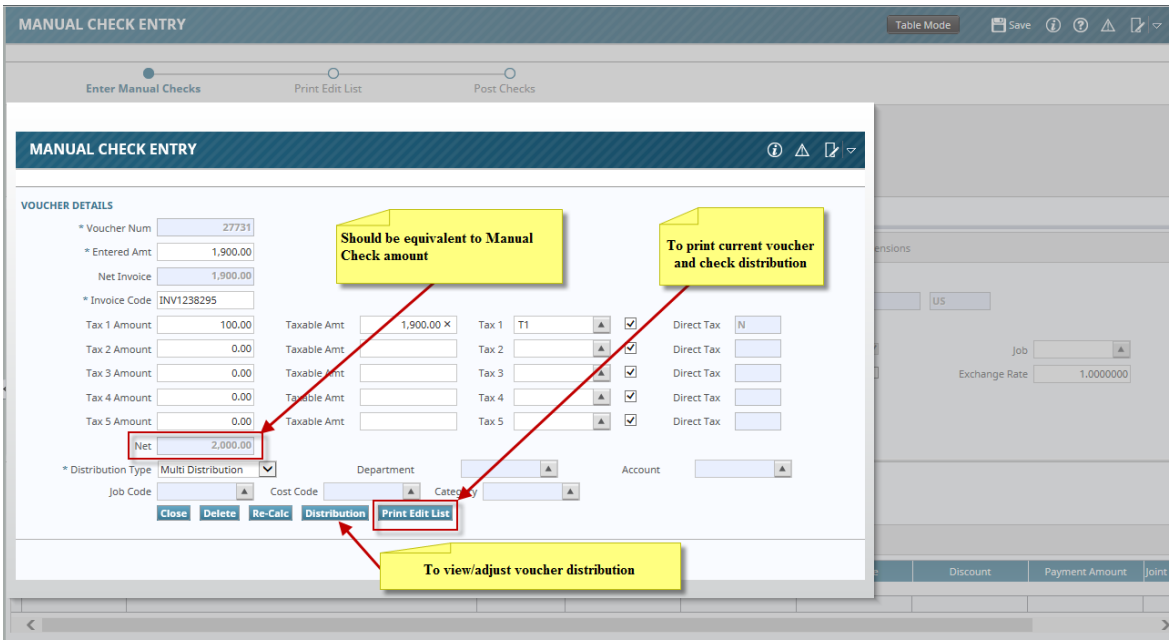
Settings and examples:

1. The new check box “Create voucher at check posting”, the buttons “Voucher” and “Print Remittance” are hidden by default and should be made visible by using Lite Editor.

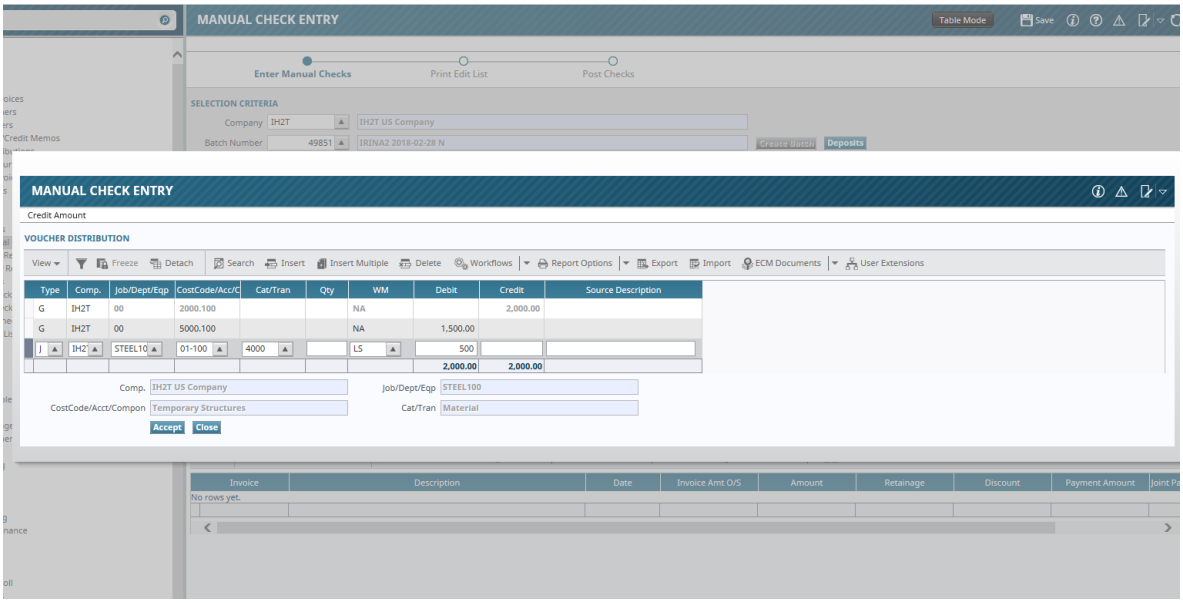
2. Upon become visible the button [Voucher] is disabled by default. To enable the button [Voucher] the user should check off the check box [Create Voucher at Check Posting].



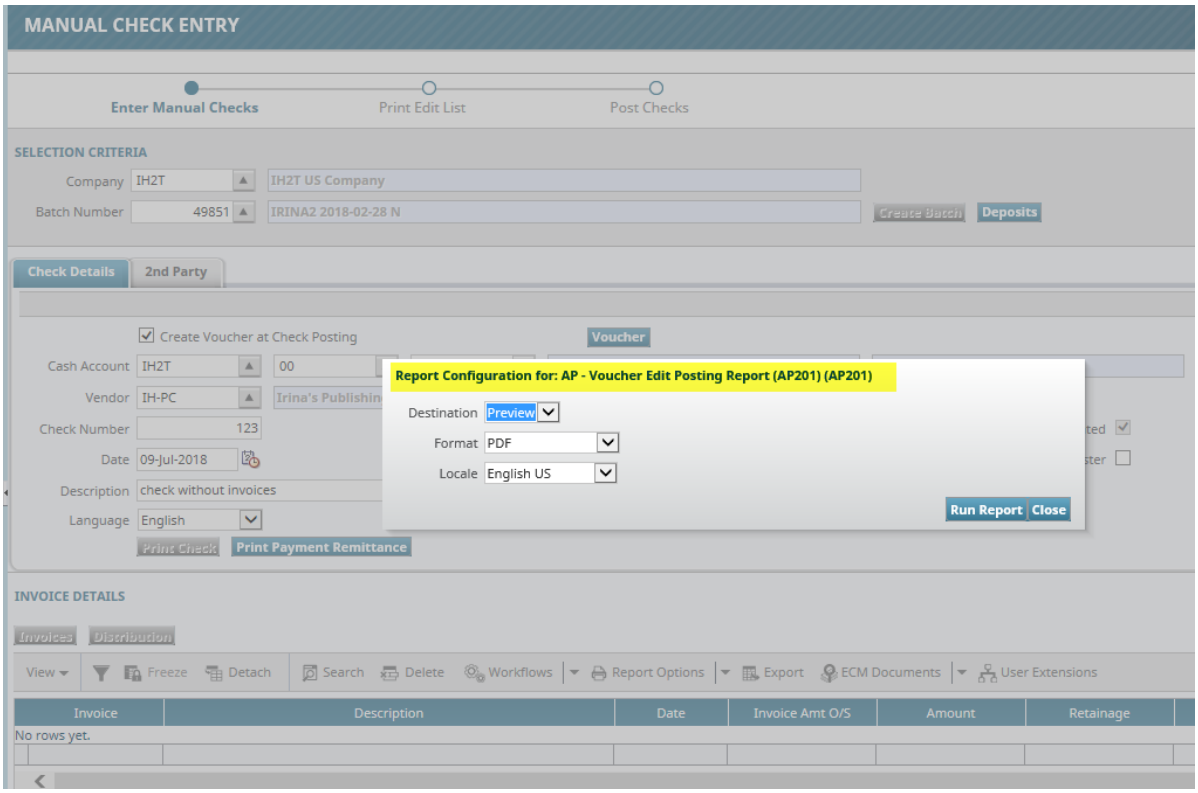
3. To enter Voucher Details the user should click on the button [Voucher] to retrieve a pop-up window titled “Manual Check Entry”. The user should make sure that the entered amounts on the screen will correspond to the Manual Check amount (in this example the Check Amount is $2,000.00 – refer to the screenshot above).



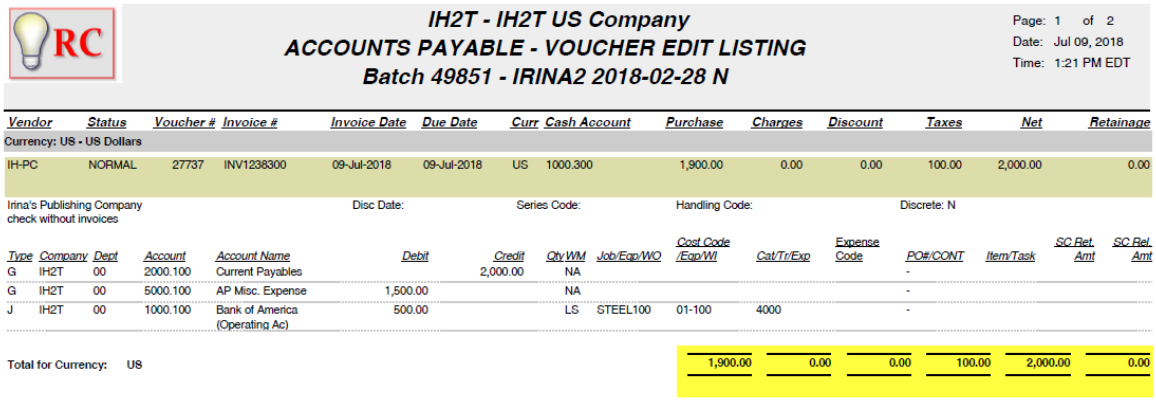
3.1. When the button [Distribution] is clicked the new pop-up window with voucher distribution details will appear. In the screenshot below the Distribution has been modified to add J-distribution line.



3.2. When the button [Print Edit List] is clicked the Voucher Posting Report (AP201) will be printed.



The report contains the distribution *of the newly created voucher pertaining to the manual check* as well as GL Summary:



IH2T - IH2T US Company
ACCOUNTS PAYABLE - VOUCHER EDIT LISTING
Batch 49851 - IRINA2 2018-02-28 N

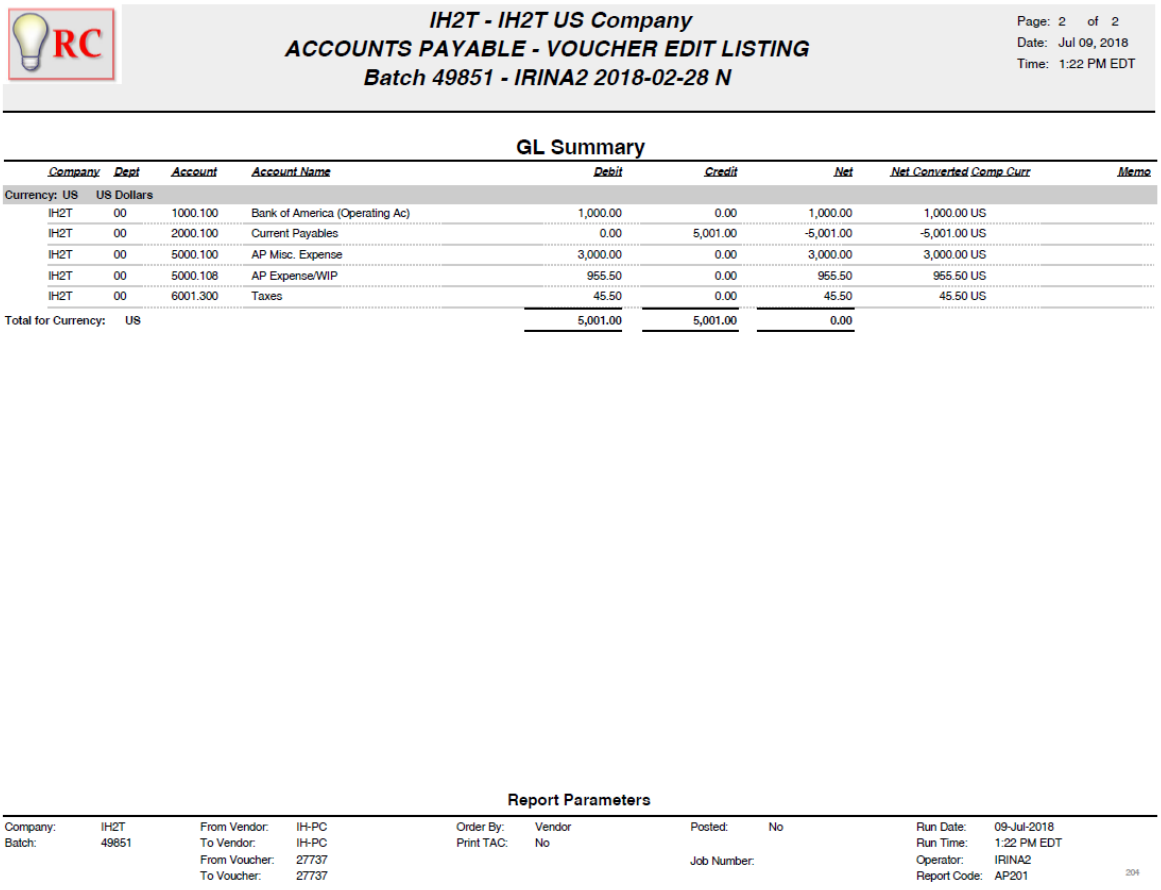
Page: 1 of 2
Date: Jul 09, 2018
Time: 1:21 PM EDT

Vendor	Status	Voucher #	Invoice #	Invoice Date	Due Date	Curr	Cash Account	Purchase	Charges	Discount	Taxes	Net	Retainage
Currency: US - US Dollars													
IH-PC	NORMAL	27737	INV1238300	09-Jul-2018	09-Jul-2018	US	1000.300	1,900.00	0.00	0.00	100.00	2,000.00	0.00

Irina's Publishing Company
check without invoices
Disc Date:
Series Code:
Handling Code:
Discrete: N

Type	Company	Dept	Account	Account Name	Debit	Credit	Qty WM	Job/Eqp/WO	Cost Code /Eqp/Wl	Cat/Tr/Exp	Expense Code	PO#/CONT	Item/Task	SC Ret. Amt	SC Rel. Amt
G	IH2T	00	2000.100	Current Payables		2,000.00	NA					-			
G	IH2T	00	5000.100	AP Misc. Expense	1,500.00		NA					-			
J	IH2T	00	1000.100	Bank of America (Operating Ac)	500.00		LS	STEEL100	01-100	4000		-			

Total for Currency: US	1,900.00	0.00	0.00	100.00	2,000.00	0.00



IH2T - IH2T US Company
ACCOUNTS PAYABLE - VOUCHER EDIT LISTING
Batch 49851 - IRINA2 2018-02-28 N

Page: 2 of 2
Date: Jul 09, 2018
Time: 1:22 PM EDT

GL Summary

Company	Dept	Account	Account Name	Debit	Credit	Net	Net Converted Comp Curr	Memo
Currency: US	US Dollars							
IH2T	00	1000.100	Bank of America (Operating Ac)	1,000.00	0.00	1,000.00	1,000.00 US	
IH2T	00	2000.100	Current Payables	0.00	5,001.00	-5,001.00	-5,001.00 US	
IH2T	00	5000.100	AP Misc. Expense	3,000.00	0.00	3,000.00	3,000.00 US	
IH2T	00	5000.108	AP Expense/WIP	955.50	0.00	955.50	955.50 US	
IH2T	00	6001.300	Taxes	45.50	0.00	45.50	45.50 US	
Total for Currency: US				5,001.00	5,001.00	0.00		

Report Parameters

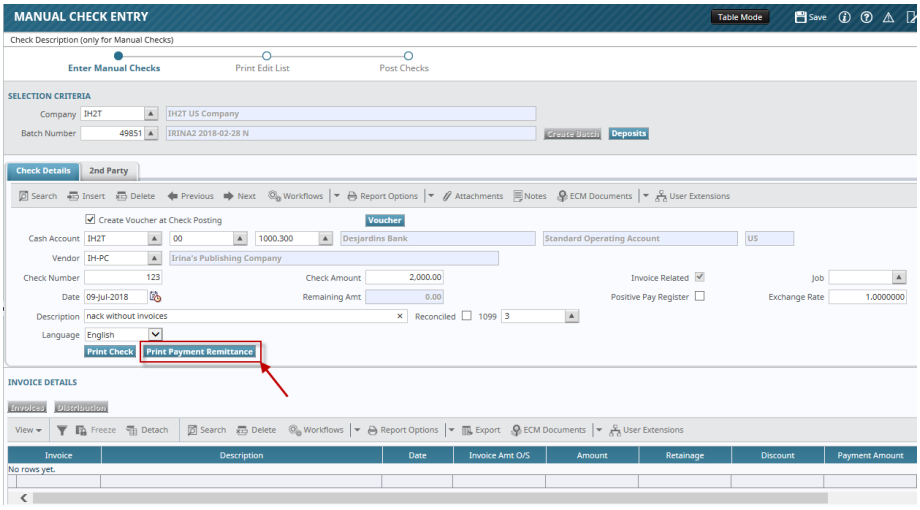
Company:	IH2T	From Vendor:	IH-PC	Order By:	Vendor	Posted:	No
Batch:	49851	To Vendor:	IH-PC	Print TAC:	No		
		From Voucher:	27737			Job Number:	
		To Voucher:	27737				

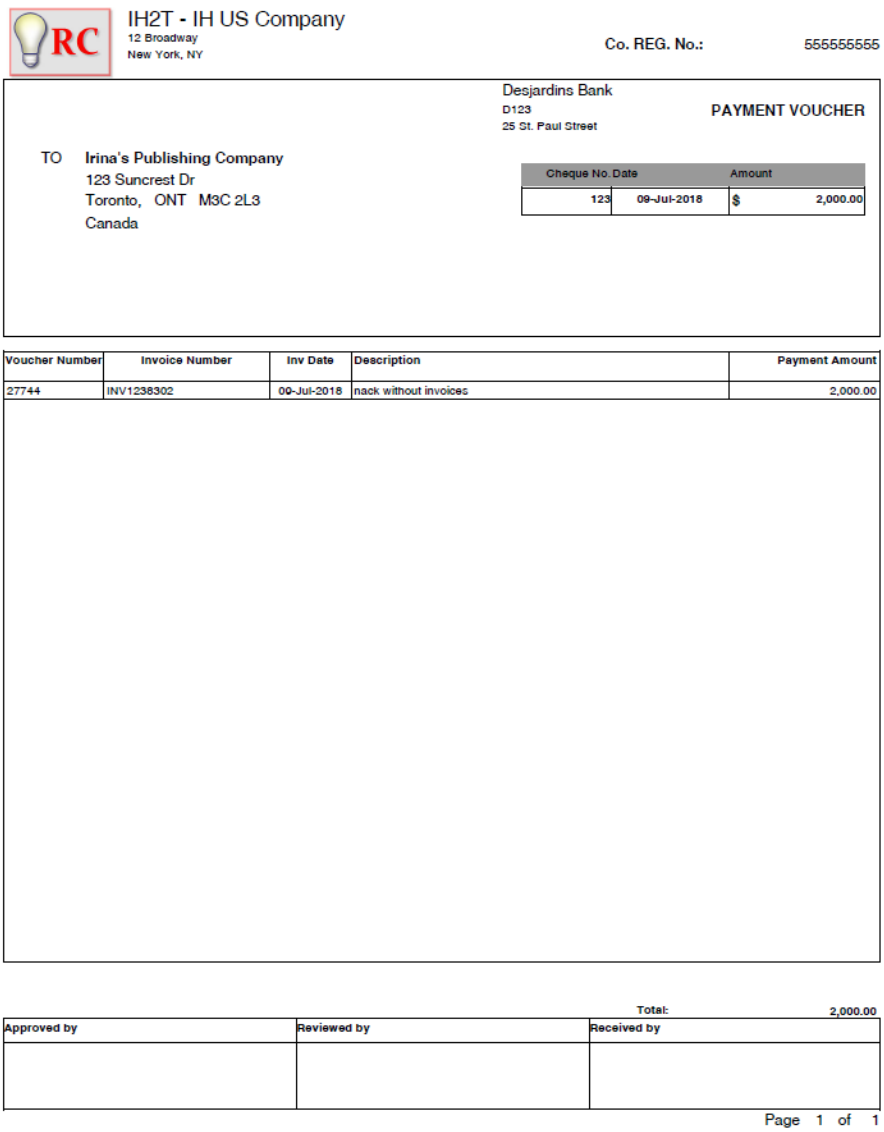
Run Date:	09-Jul-2018
Run Time:	1:22 PM EDT
Operator:	IRINA2
Report Code:	AP201

204

When all report windows are closed, the system returns to the initial Manual Check Entry screen.

4. The button [Print Payment Remittance] in the "Manual Check Entry" screen invokes AP-Check Stub:





IH2T - IH US Company
12 Broadway
New York, NY

Co. REG. No.: 555555555

Desjardins Bank
D123
25 St. Paul Street

PAYMENT VOUCHER

TO Irina's Publishing Company
123 Suncrest Dr
Toronto, ONT M3C 2L3
Canada

Cheque No.	Date	Amount
123	09-Jul-2018	$ 2,000.00

Voucher Number	Invoice Number	Inv Date	Description	Payment Amount
27744	INV1238302	09-Jul-2018	nack without invoices	2,000.00

Total: 2,000.00

Approved by	Reviewed by	Received by

Page 1 of 1

Summary:

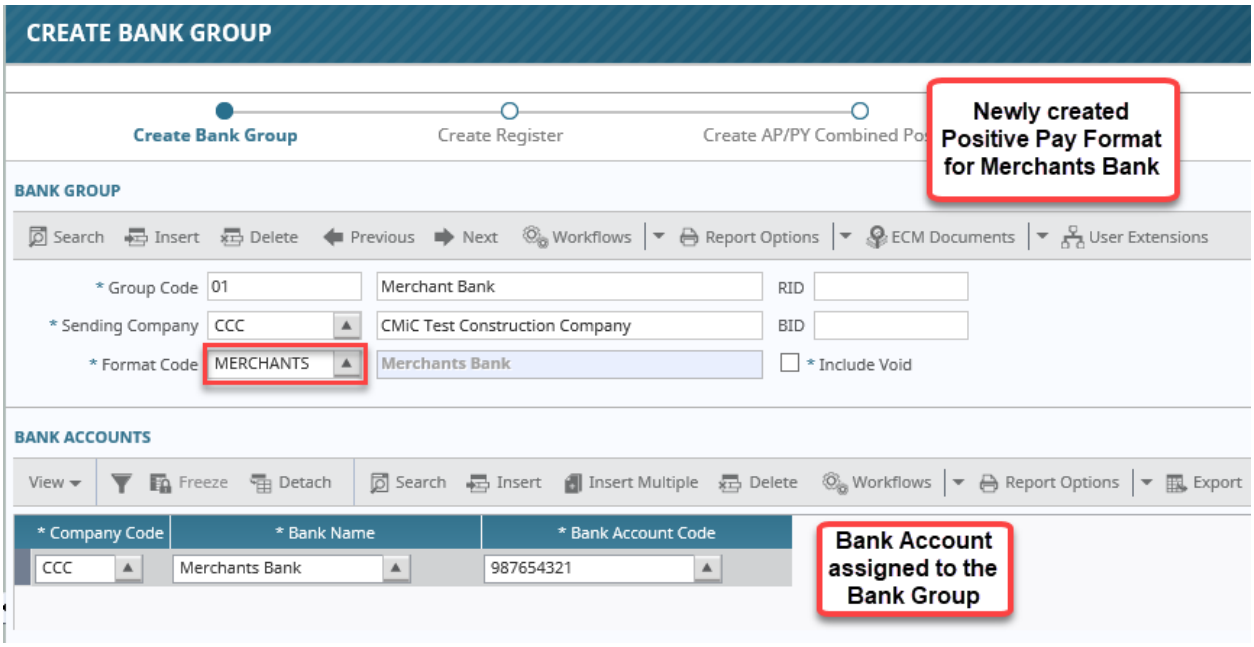
CMiC has modified Manual Check entry program to give the user an opportunity to create a voucher associated with the manual check being entered. New fields “Create Voucher at Check Posting” checkbox, [Voucher] and [Print Payment Remittance] buttons have been added on the Check Details Tab of the “Manual Check Entry” screen.

The newly added fields are hidden by default and should be made visible by using Lite Editor.

Positive Pay File Format for Merchants Bank (18.65449)

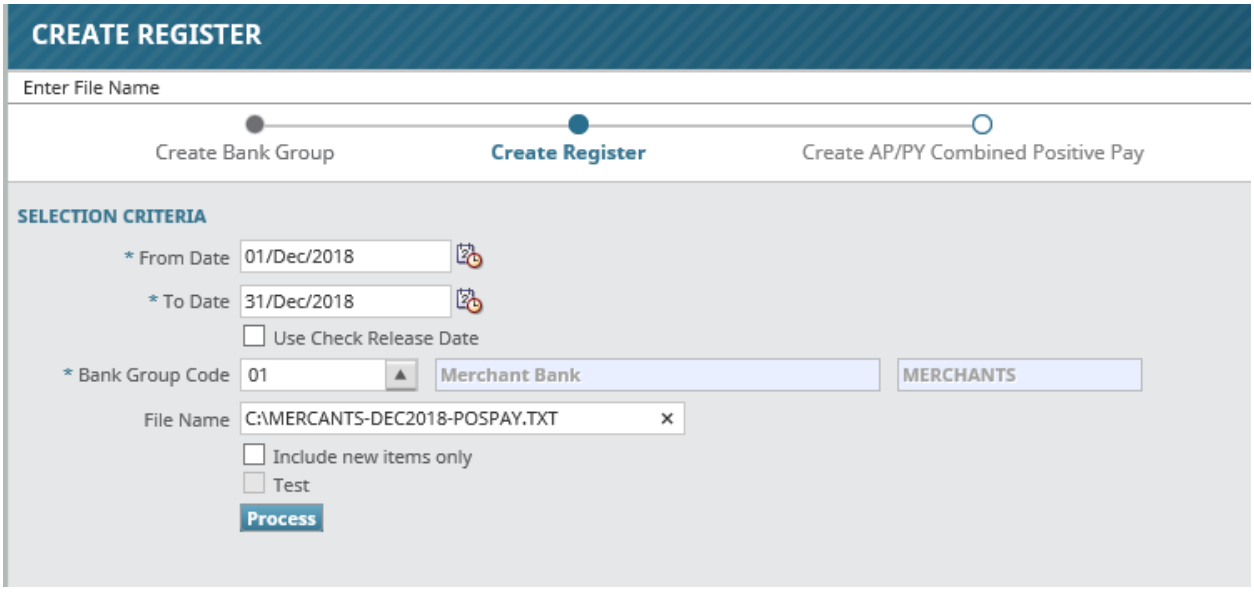
CMiC has created a new AP Positive Pay Format for Merchants Bank (Merchants) as per the specifications.

Create a Bank Group for the Positive Pay File Format ‘Merchants’ and assign the bank account identified for Merchants Bank.



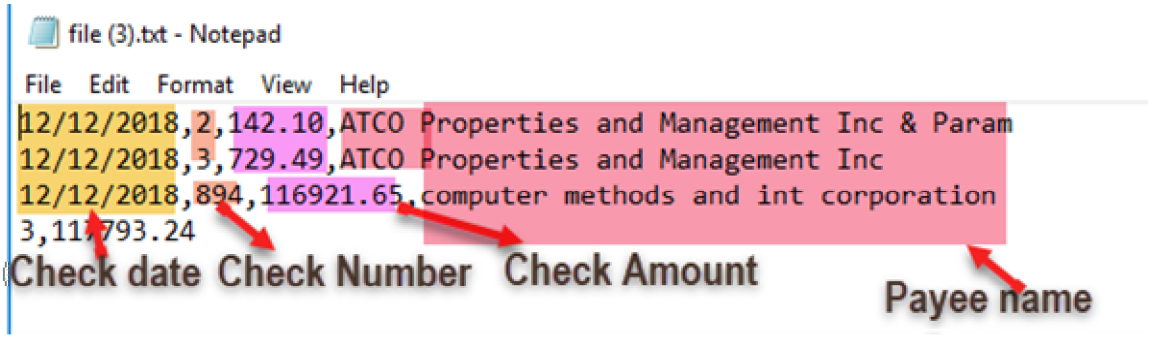
Create the Positive Pay Register:

Users may specify the date range and only the checks that are issued/posted during this period will be included into the Register. Also, specify the Bank Group Code for Merchants Bank and check the flag is only the newly posted checks must be included.



Click [**Process**] button to prepare the Positive Pay File and Save to the destination.

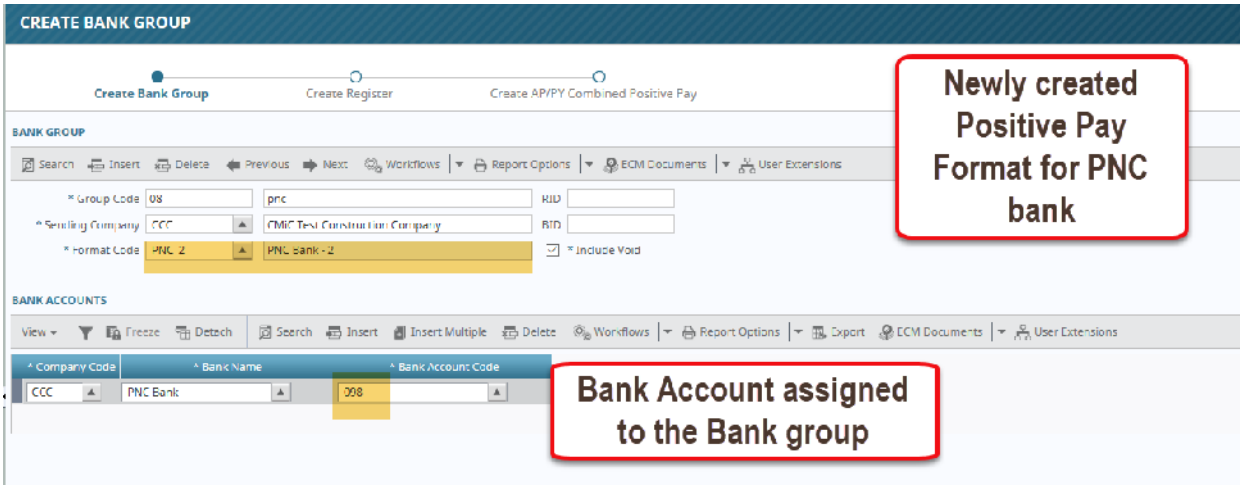
The following Positive Pay file has been created according to the specification provided (please, see the ADDENDUM to the current document).



Positive Pay File Format for PNC Bank (17.44096)

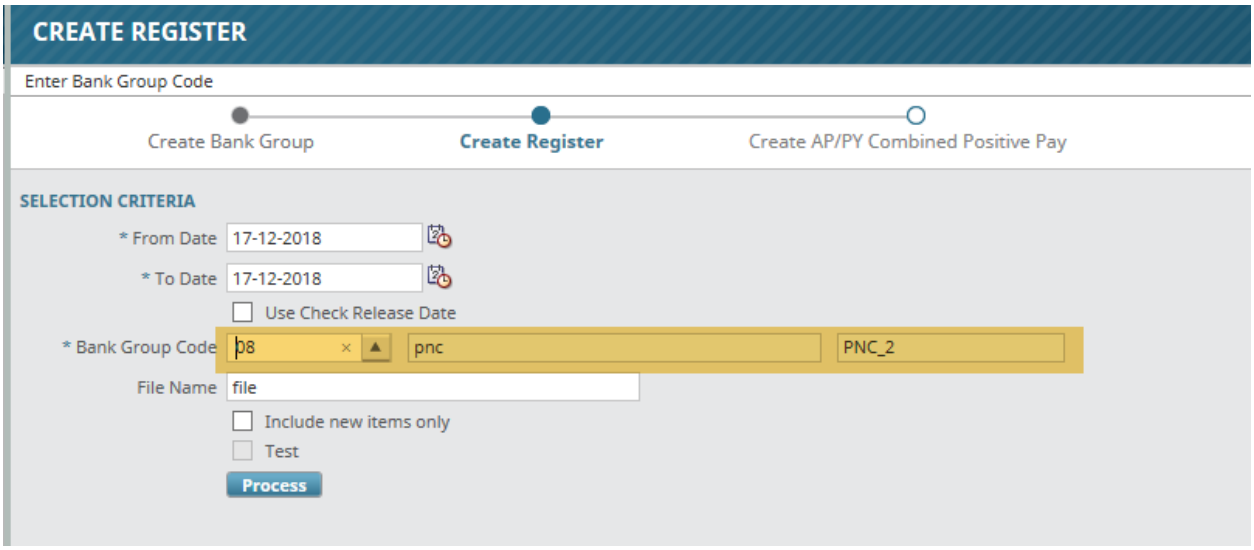
CMiC has created a new AP Positive Pay Format for PNC Bank (PNC_2) as per the specifications.

Create a Bank Group for the Positive Pay File Format 'PNC_2' and assign the bank account identified for PNC Bank.



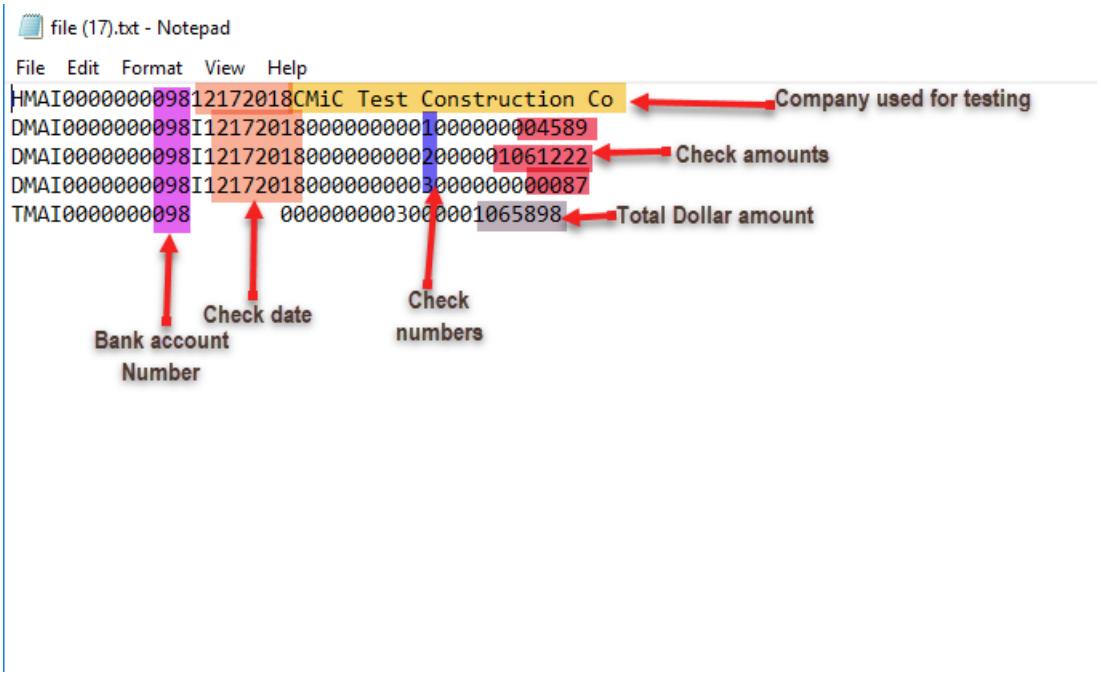
Create the Positive Pay Register:

Users may specify the date range and only the checks that are issued/posted during this period will be included into the Register. Also, specify the Bank Group Code for PNC Bank and check the flag is only the newly posted checks must be included.



Click [**Process**] button to prepare the Positive Pay File and Save to the destination.

The following Positive Pay file has been created according to the specification provided (please, see the ADDENDUM to the current document).

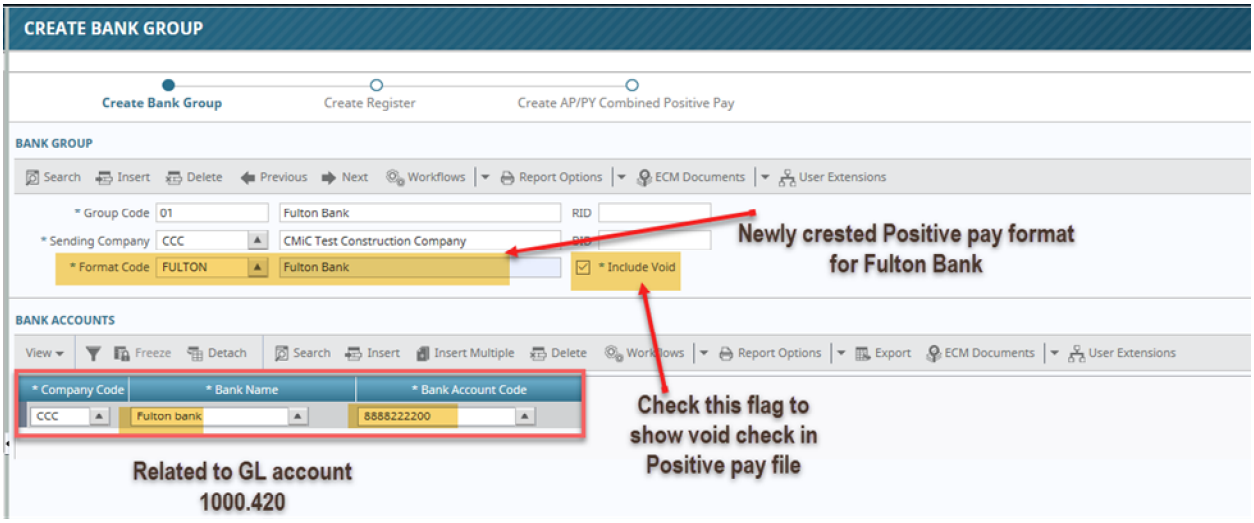


Positive Pay File Format for Fulton Bank (18.68267)

CMiC has created a new AP Positive Pay Format for Fulton Bank (FULTON) as per the specification provided by the customer (for the details please refer to ADDENDUM of the current document).

Modifications:

Create a Bank Group with the new Format FULTON and assign the Company & the Bank Account identified for Fulton Bank.

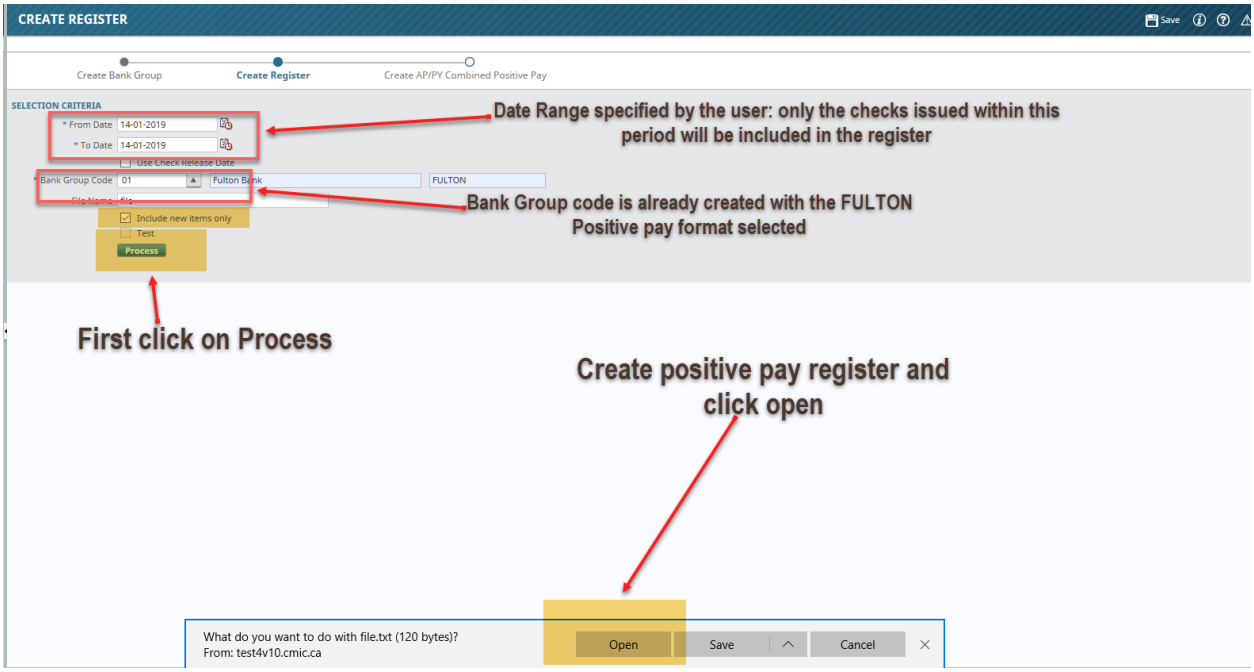


Create the Register (next node on the process train on the top of the screen.

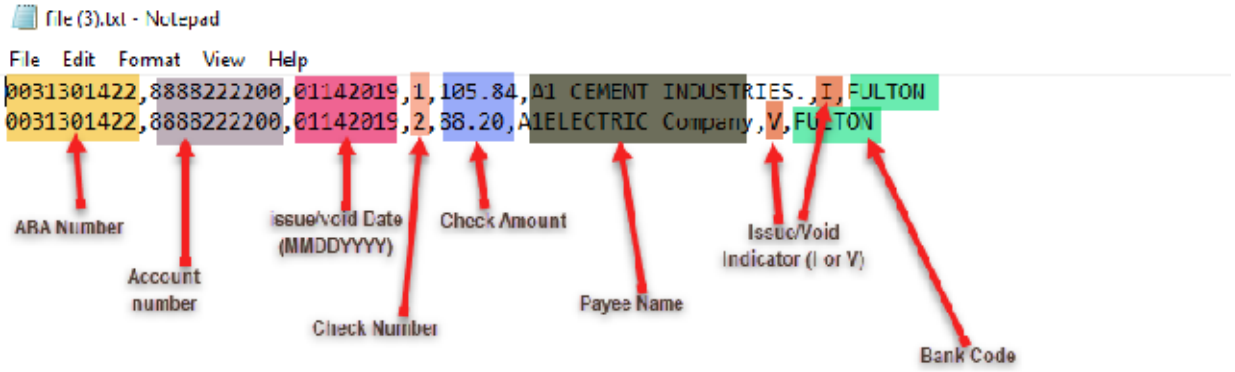
Users may specify the specific date range: only the checks that are issued during this period will be included in the Register;

Select the Bank Group Code for FULTON Positive Pay Format.

The flag "Include new items only" indicates whether to include new items only or all the checks issued with this bank account.



The following Positive Pay file has been created according to the specification provided (See ADDENDUM to the current document). It includes 2 checks:



Selection Criteria of Register/Invoice Query screen to have Invoice Number Field (19.76623)

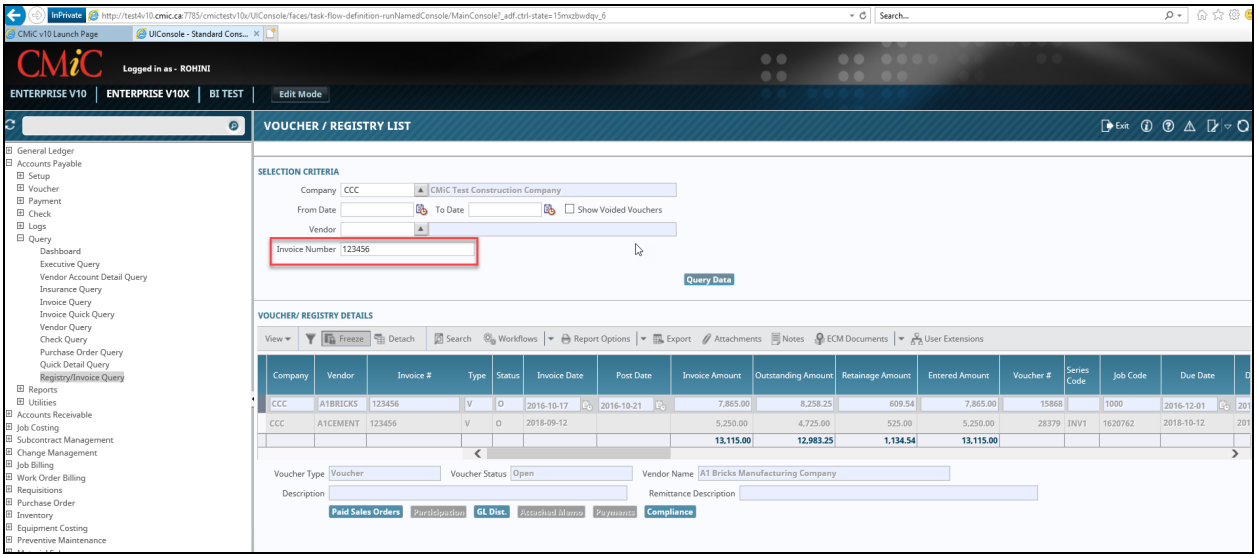
AP Register/Invoice Query screen will have a new field “Invoice Number” for selection criteria on header.

This new field is hidden by default. Can be added using lite editor.

Invoice Number field is not case sensitive for searching records.

New field searches with wildcard characters as well.

Below screenshot shows the newly added “Invoice Number” field in TestV10_X. Querying with just the Invoice number gives specific details of only those invoices which matches the invoice number from various vendors having same invoice number.



Added a new field “Invoice Number” in selection criteria of Register/Invoice Query screen.

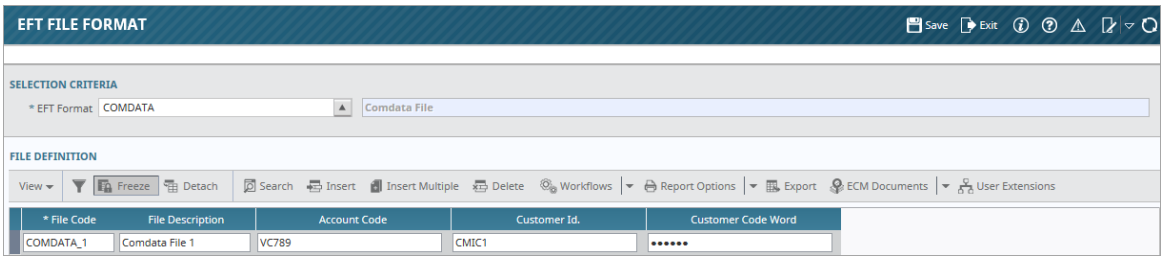
COMDATA Integration with CMiC Accounts Payable (19.70011)

Overview: Comdata check processing functionality integrated in CMiC Accounts Payable module.

Prerequisites: The following prerequisites are required prior to using Comdata:

- CMiC Comdata license. Please contact a CMiC Account Manager for more information.
- Comdata account or need to be an existing Comdata user.

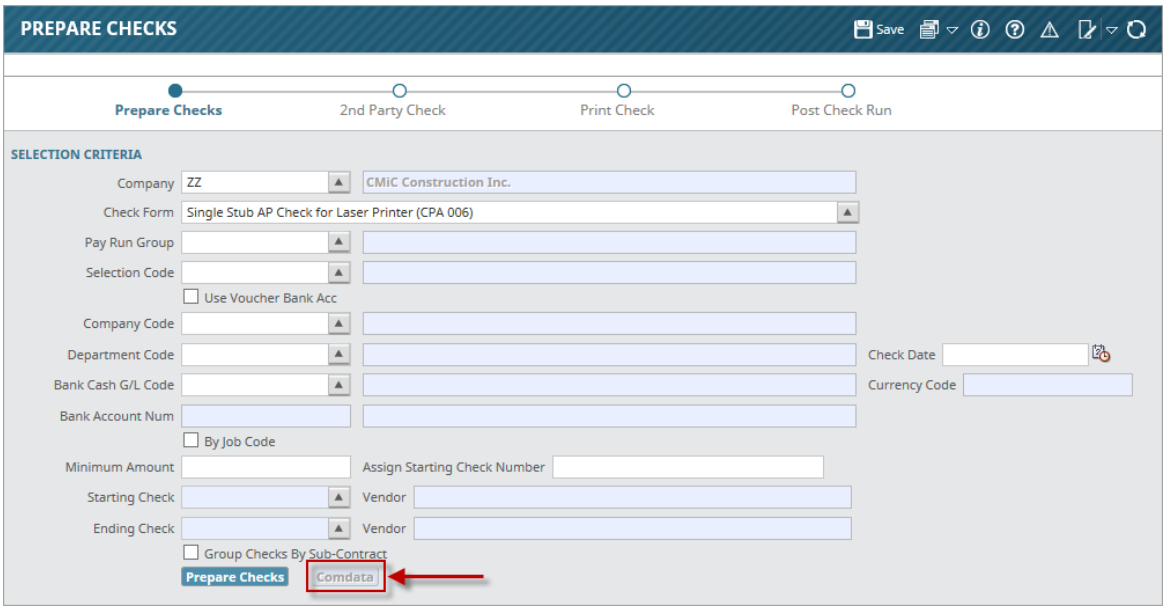
Set Up EFT File Format



Pgm: APEFTFM – EFT File Format; standard Treeview path: Accounts Payable > Setup > Global Tables > EFT Formats

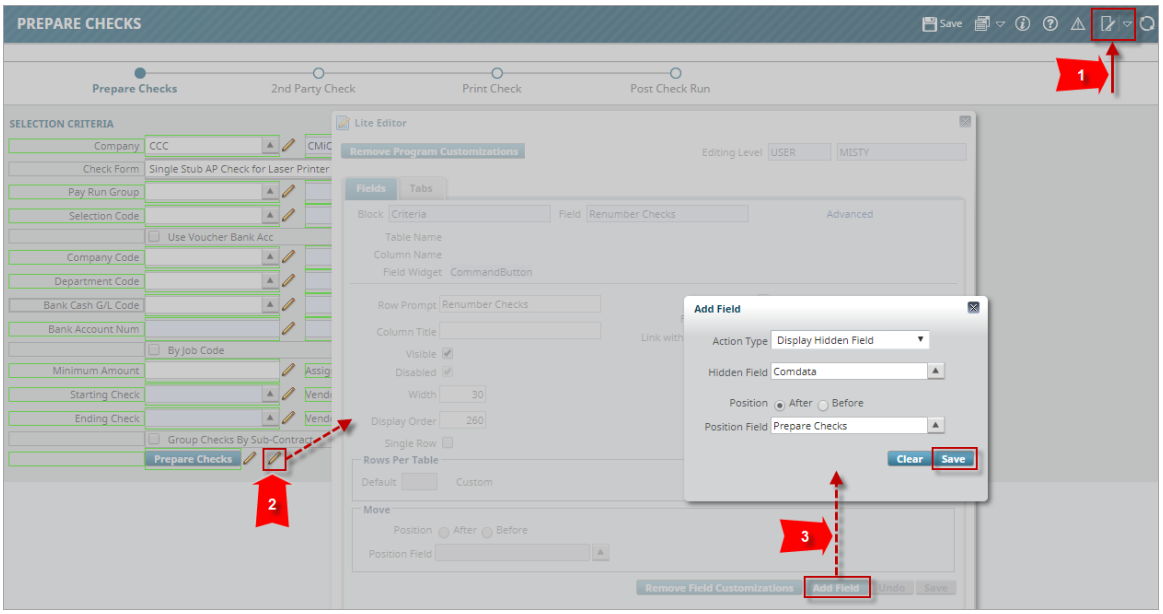
Use the EFT File Format screen to set up the Electronic File Transfer (EFT) format for the banks from which EFT payments will be made. In the Selection Criteria section of the screen, select "COMDATA" in the EFT Format drop-down menu. In the File Definition section, enter the bank-specific EFT file format details in the File Code and File Description fields to specify the record layout required by the bank. The Account Code, Customer Id, and Customer Code Word fields are user-defined.

Display [Comdata] Button on Prepare Checks Screen using Lite Editor



Pgm: APCHQPRE – Prepare Checks; standard Treeview path: Accounts Payable > Check > Print Checks – [Comdata] button

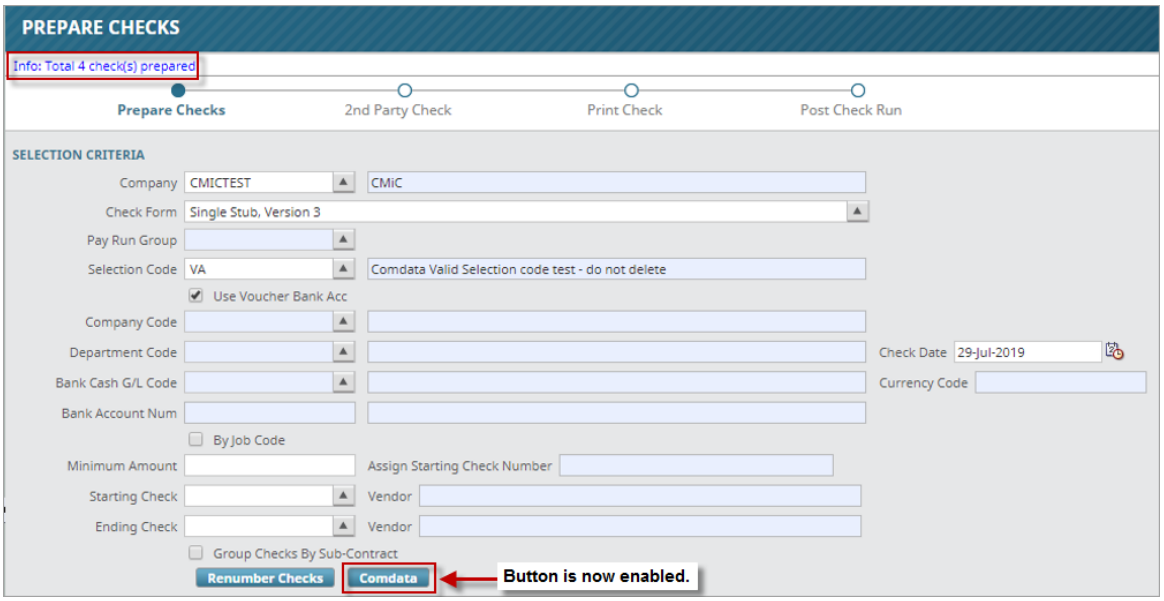
The [**Comdata**] button is located on the Prepare Checks screen in the Accounts Payable module and by default it is hidden. This button is made visible using Lite Editor.



Displaying the [Comdata] button on the Prepare Checks screen using Lite Editor

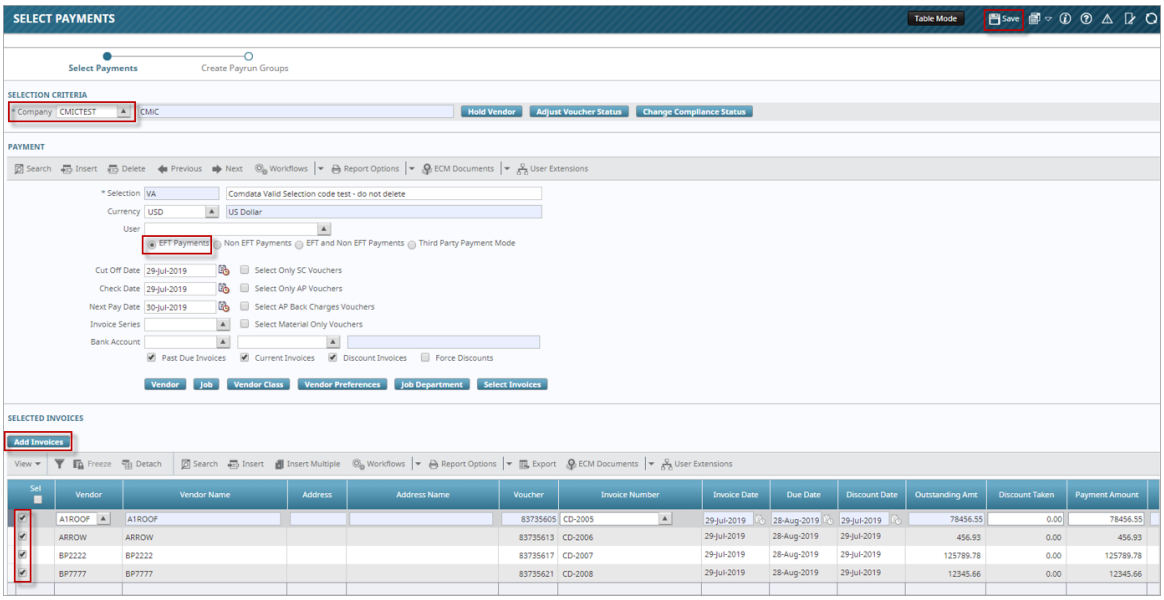
After making the [**Comdata**] button visible on the Prepare Checks screen, checks can be prepared for a pay run group or a selection code. Both methods are described in the sections that follow. The main difference between the two methods is the procedure to be followed in Steps 1-2. The rest of the procedure to be followed in Steps 3-5 is the same for both methods.

The [**Comdata**] button becomes enabled once the checks are prepared and the 'EFT Payments' radio button is enabled in the Select Payments screen. The 'EFT Payments' radio button is discussed in more detail in the next section.



Preparing Checks for a Selection Code

Step 1: Create Payment Selection Code and Select Payments

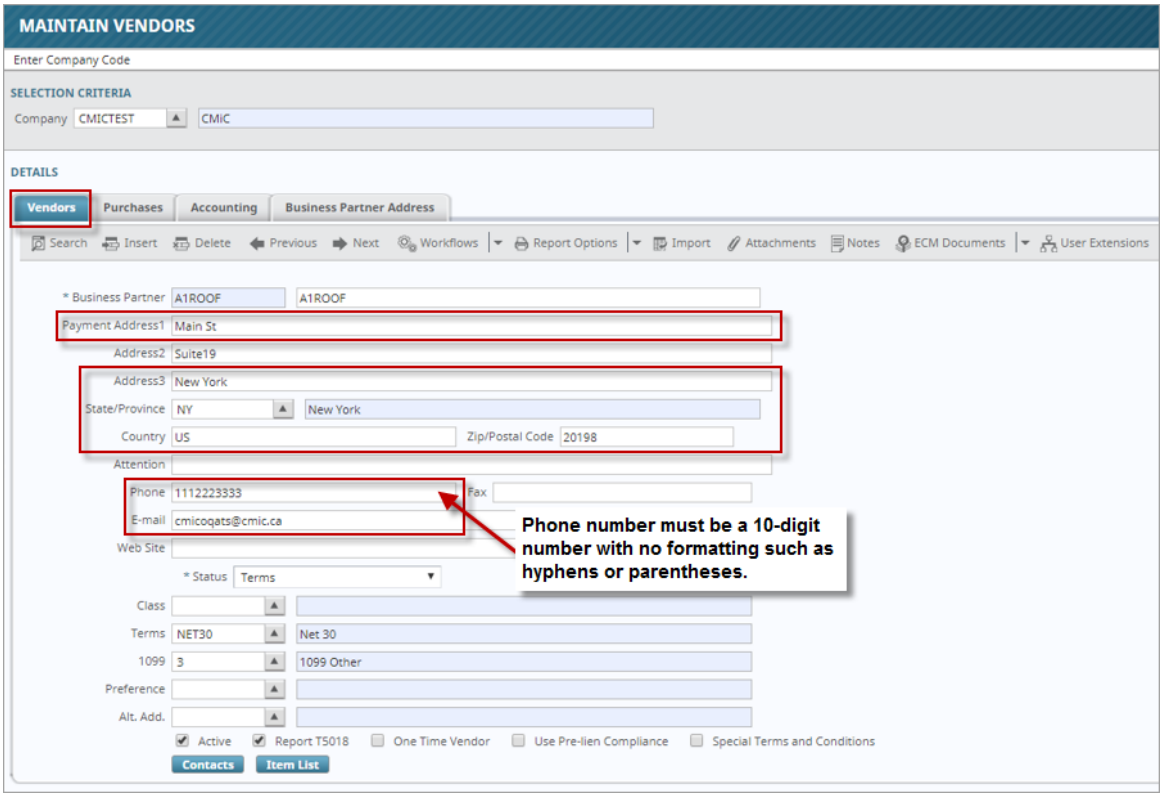


Pgm: PAYSEL – Select Payments; standard Treeview path: Accounts Payable > Payment > Select Payments

Use the Select Payments screen to create a one-time payment selection code. Select the 'EFT Payments' radio button and specify any other criteria by which to select invoices associated with the payment selection code. Click the [**Add Invoices**] button on the Select Payments screen to display the list of matching invoices and select which invoices to associate to the payment selection code. When finished, click on [**Save**].

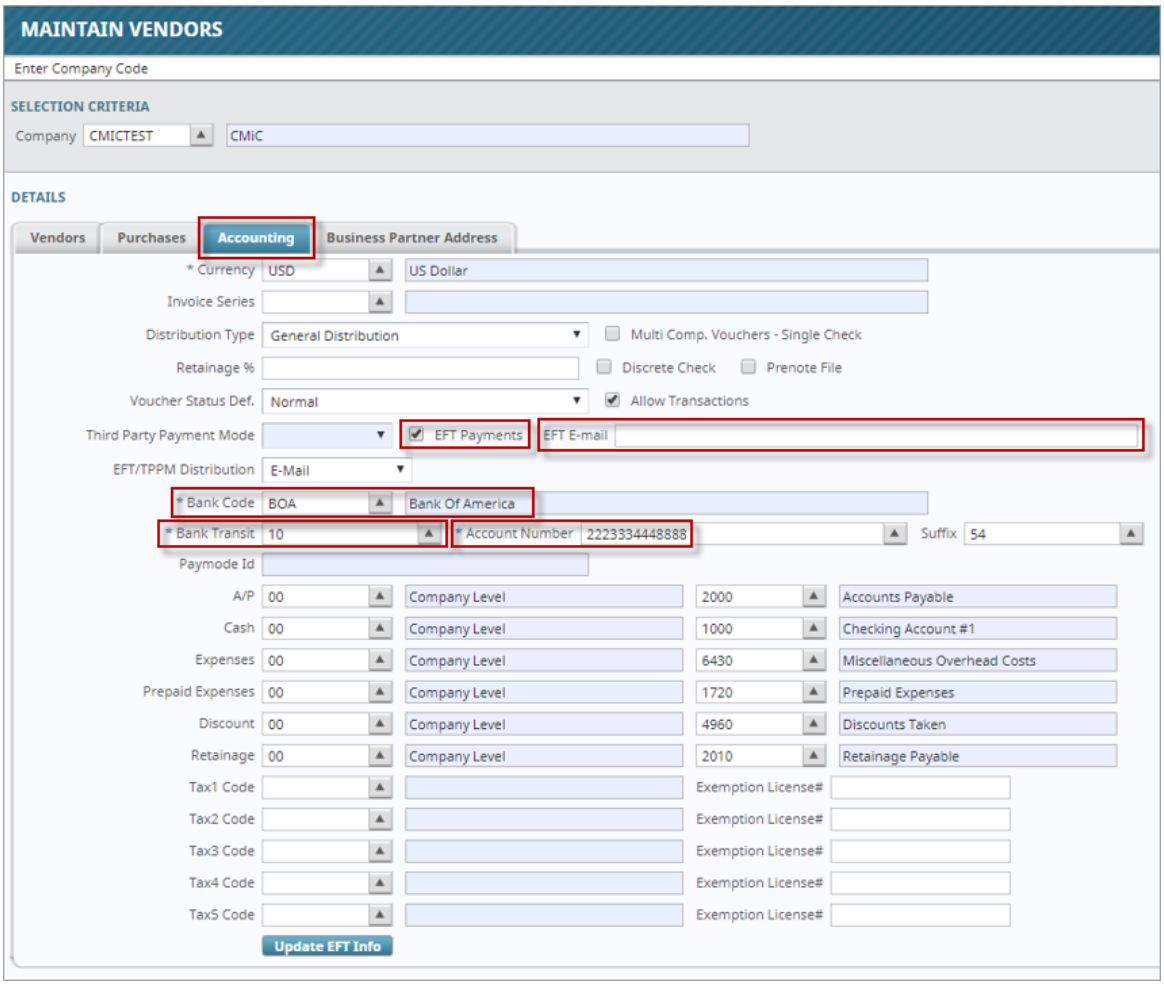
Vendor information for the invoices selected under the selection code in the Select Payments screen defaults from the Maintain Vendors screen. For records to be validated in the Comdata screen, mandatory information must be entered for vendors in the Vendors tab and the Accounting tab of the Maintain Vendors screen.

The mandatory fields to be completed in the Vendors tab are shown in the screenshot below.



Pgm: BPVENFM – Maintain Vendors; standard Treeview path: Accounts Payable > Setup > Maintain Vendors – Vendors tab

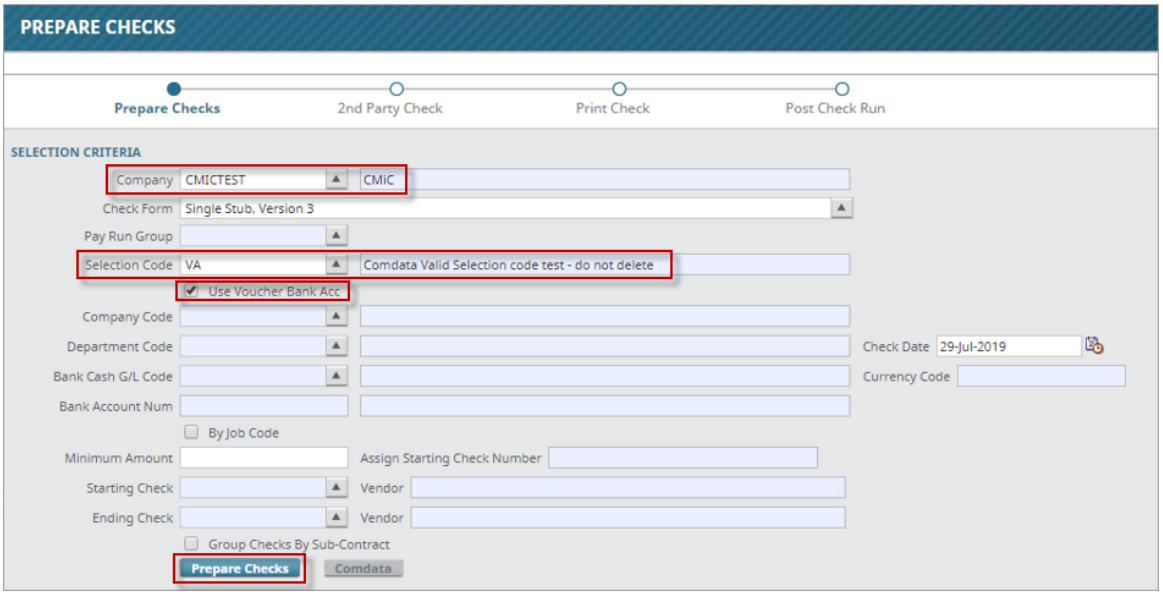
The mandatory fields to be completed in the Accounting tab are shown in the screenshot below.



Pgm: BPVENFM – Maintain Vendors; standard Treeview path: Accounts Payable > Setup > Maintain Vendors – Accounting tab

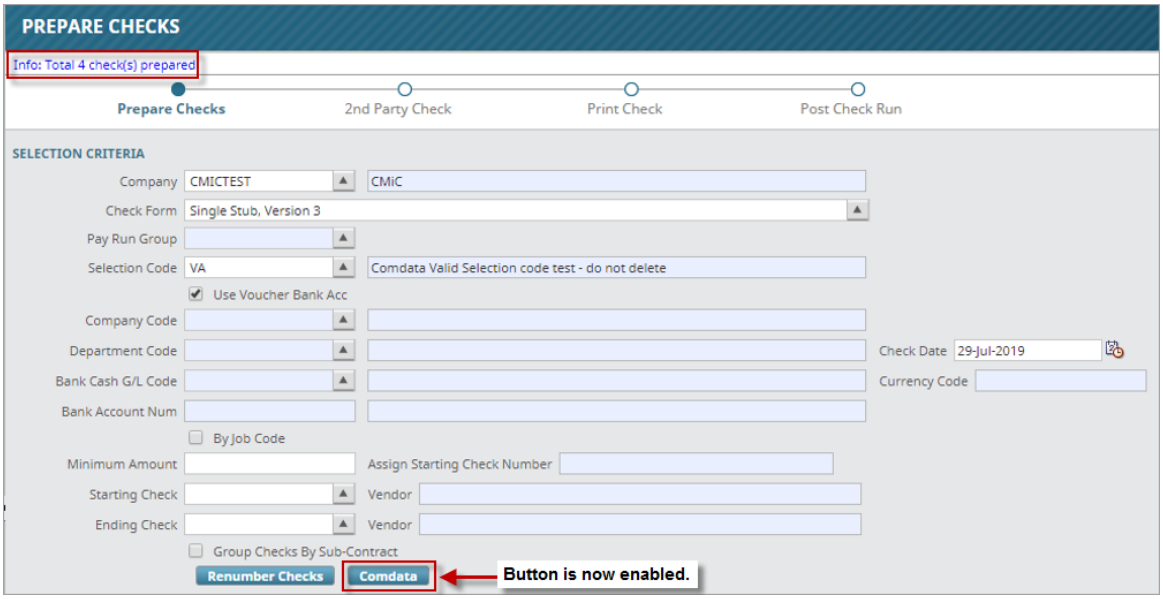
Although banking details are not requested or processed by Comdata, when the 'EFT Payments' radio button is selected on the Select Payments screen, a vendor's bank account details must also be completed in the Maintain Vendors screen. A valid bank account number can be entered in the Account Number field, or a dummy account number can be entered (e.g. #999999).

Step 2: Generate Comdata Payment/Request File



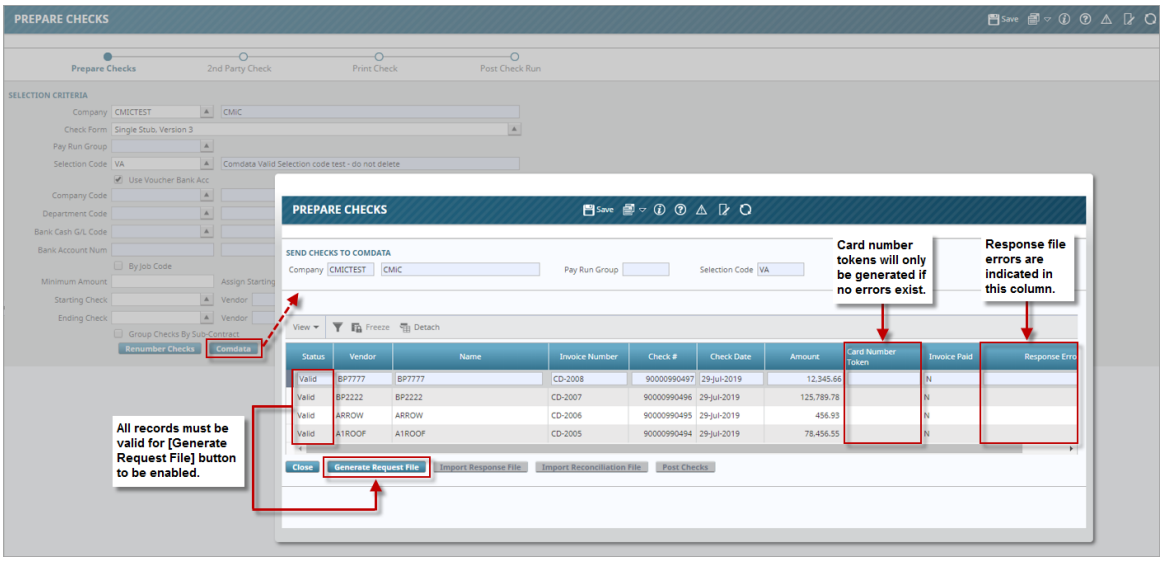
Pgm: APCHQPRE – Prepare Checks; standard Treeview path: Accounts Payable > Check > Print Checks

On the Prepare Checks screen, enter/select the company and selection code, and check the 'Use Voucher Bank Acc' checkbox. Click on the [**Prepare Checks**] button.



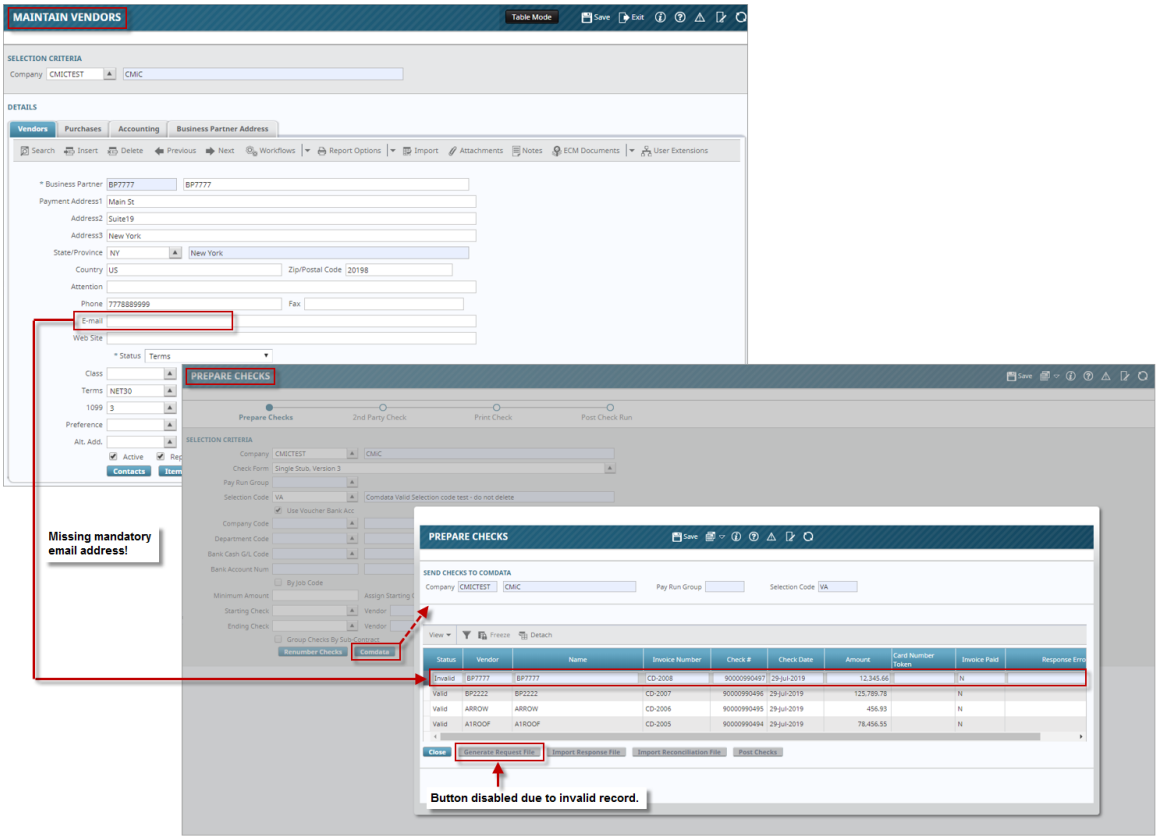
The [**Prepare Checks**] button changes to [**Renumber Checks**]. A message appears at the top of the screen to indicate the total number of checks prepared and the [**Comdata**] button becomes enabled.

Click on the [**Comdata**] button to launch a pop-up window to initiate the payment/request file generation process.

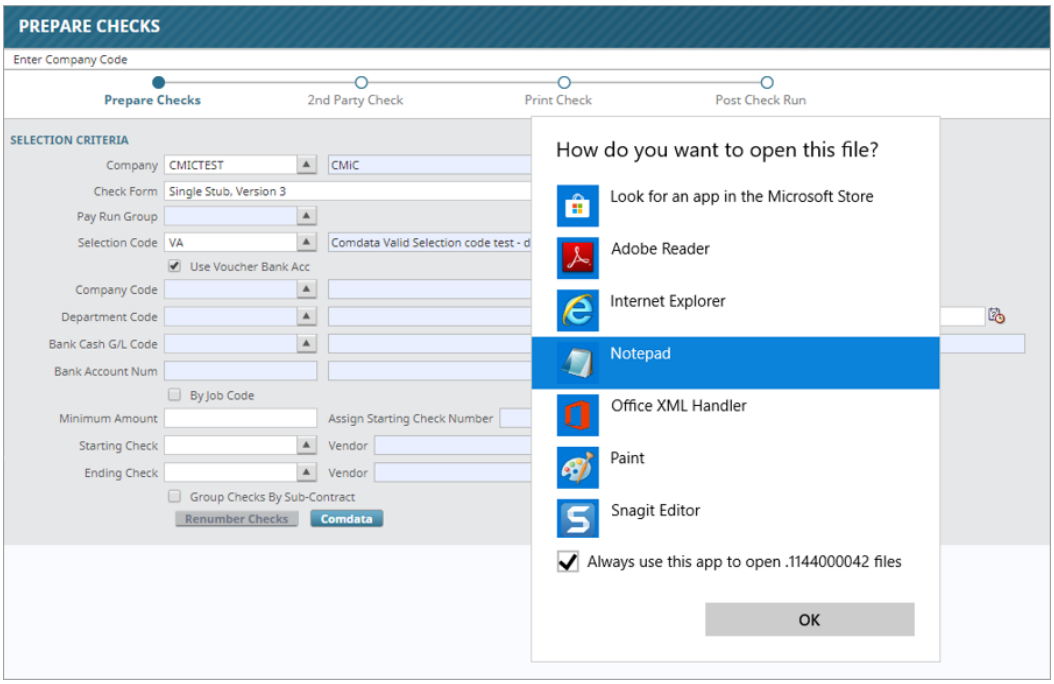


Pop-up window launched from [Comdata] button on Prepare Checks screen

All records must be valid in the Status column for the [**Generate Request File**] button to be enabled. If mandatory fields are not entered properly in the Maintain Vendors screen, as discussed in the previous step, the [**Generate Request File**] button will not be enabled, as shown in the example below.

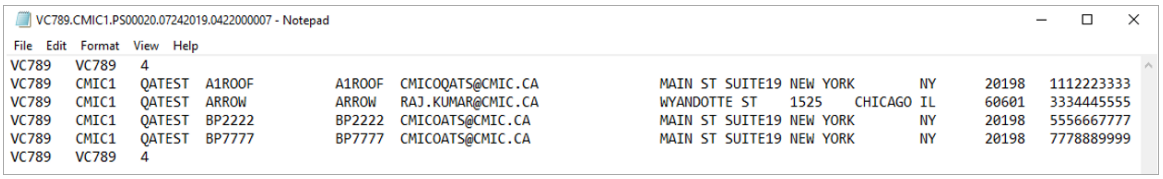


Once all records are valid in the pop-up window, click on the [Generate Request File] button to generate the payment/request file.



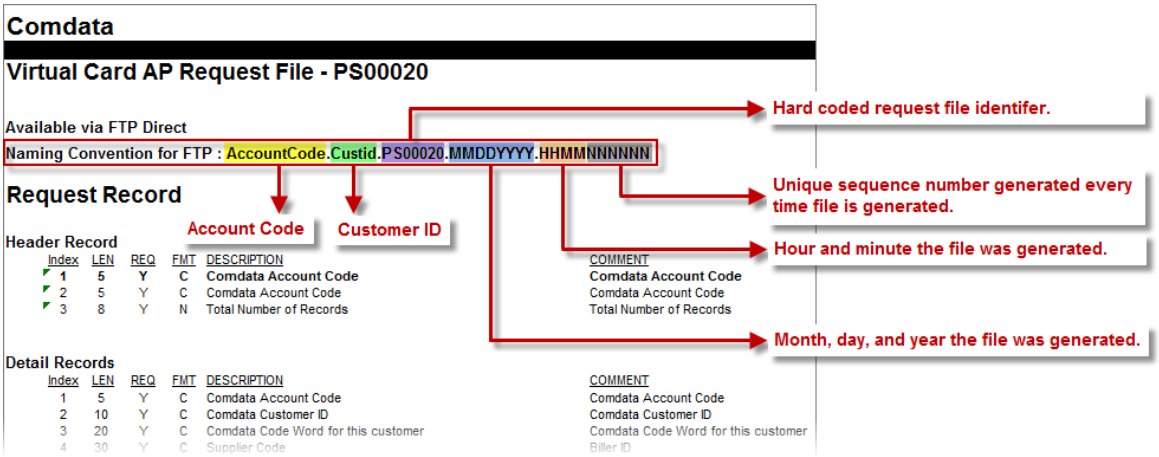
A pop-up window is launched, prompting the user to select in which program to open the payment/request file. After the payment/request file is generated, the file needs to be placed on Comdata's FTP server.

The following screenshot shows an example of the payment/request file open in Notepad.



Example of Payment/Request File in Notepad

The payment/request file is a tab delimited text file, which follows a specific pre-defined naming convention, as outlined in the Comdata Virtual Card AP-PS20-PS21 spreadsheet. The graphic below shows an example of the naming convention.



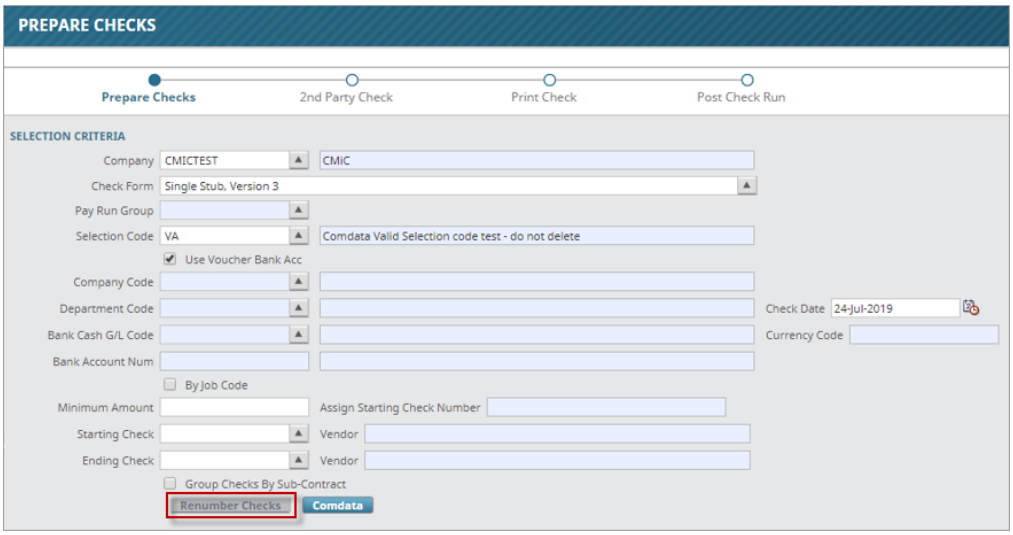
The account code and customer ID are defined on the EFT File Format screen.

NOTE: The payment/request file will only be generated if all entries under the code are valid.

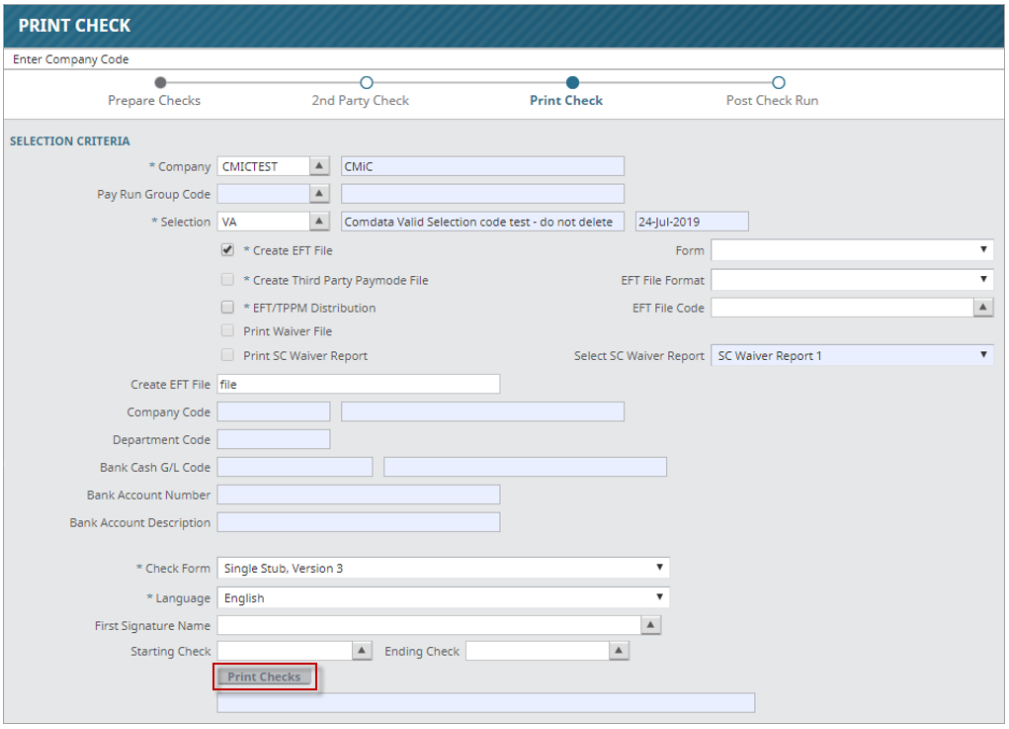
Once the payment/request file is generated, the system links the selection code with Comdata processing.

When the code is linked to Comdata, the following three buttons become disabled, as shown in the following screenshots:

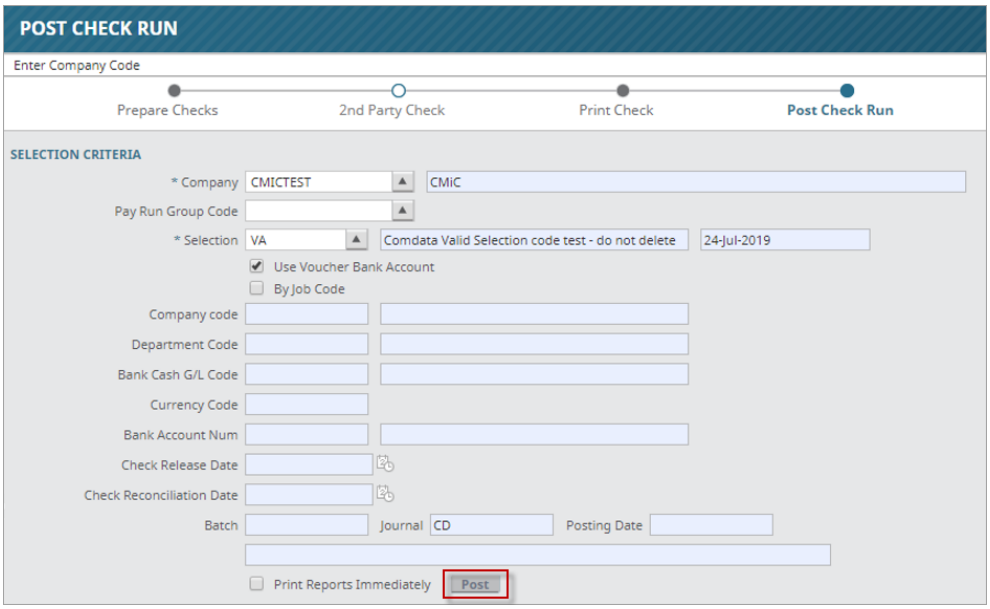
- [**Renumber Checks**] button on the Prepare Checks screen



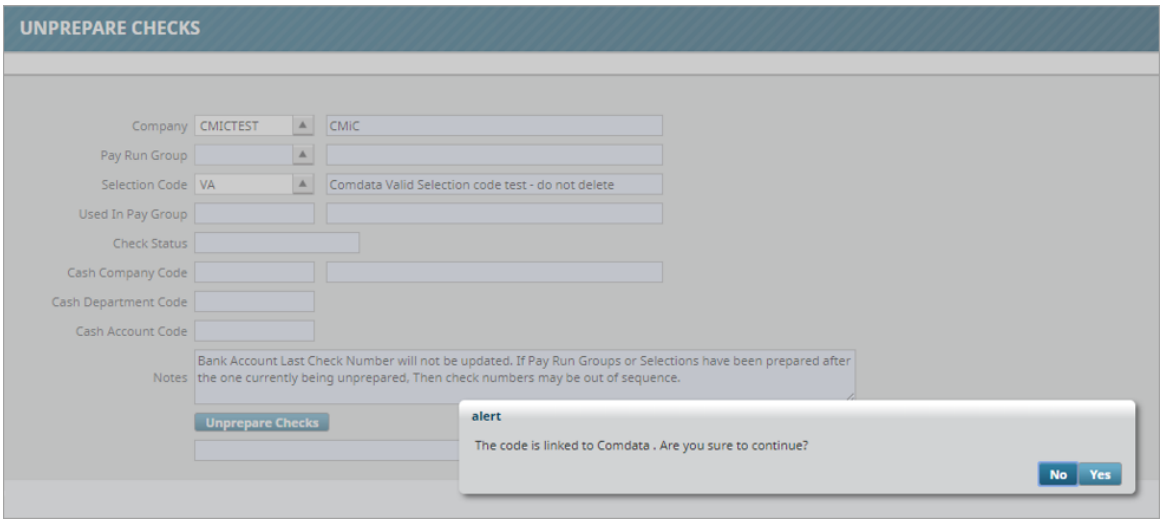
- [**Print Checks**] button on the Print Checks screen



- [**Post**] button on the Post Check Run screen



Once the [**Generate Request File**] button is clicked, if the user attempts to unprepare the checks on the Unprepare Checks screen, an alert will be issued, as shown in the screenshot below.



Pgm: APUNPRE – Unprepare Checks; standard Treeview path: Accounts Payable > Utilities > Unprepare Checks

Step 3: Import and Process Comdata Check Numbers

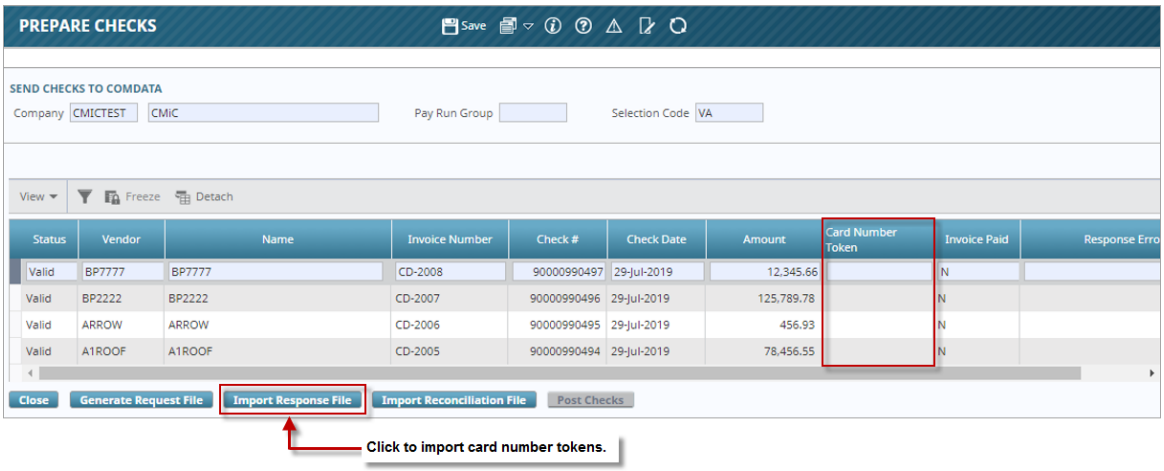
After successfully generating the payment/request file, the user will receive a response file containing card number tokens from Comdata's FTP server. This file needs to be imported and processed.

Click on the [**Comdata**] button on the Prepare Checks screen.

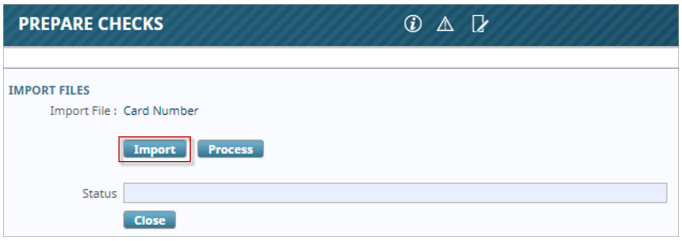
When the selection code is linked to Comdata, the [**Import Response File**] button and the [**Import Reconciliation File**] button become enabled in the pop-up window launched from the [**Comdata**] button on the Prepare Checks screen.

NOTE: The [**Post Checks**] button is still disabled.

Click the [**Import Response File**] button to import and process the response file containing the card number tokens.

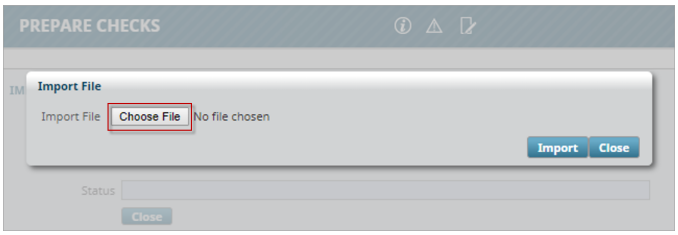


Another pop-up window will appear to import the file. Click on the [**Import**] button.

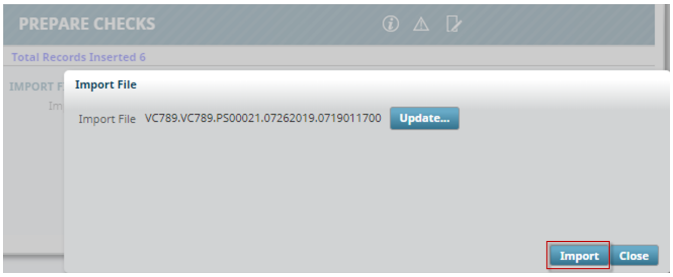


Pop-up window launched from [Import File Check Number] button

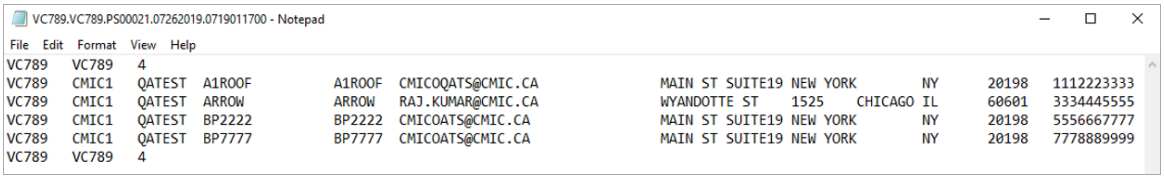
Click on the [**Choose File**] button and browse to select the file to import.



Click the [**Import**] button to import the file.



The following screenshot shows an example of the response file open in Notepad.



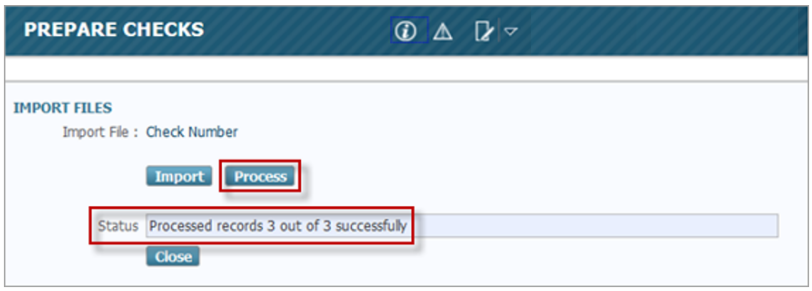
Example of response file containing Comdata check numbers in Notepad

The response file containing the card number tokens is a tab delimited text file, which follows the response file naming convention PS00021:

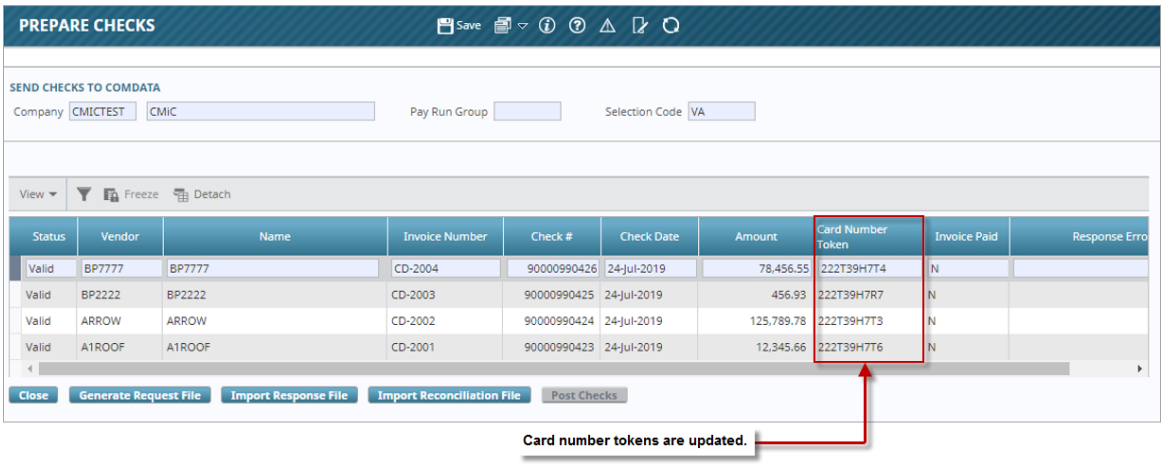
ACCOUNTCODE.ACCOUNTCODE.PS00021.MMDDYYYY.HHMMNNNNNN

For example: VC789.VC789.PS00021.07262019.0719011700

Click on the [**Process**] button to process the file.



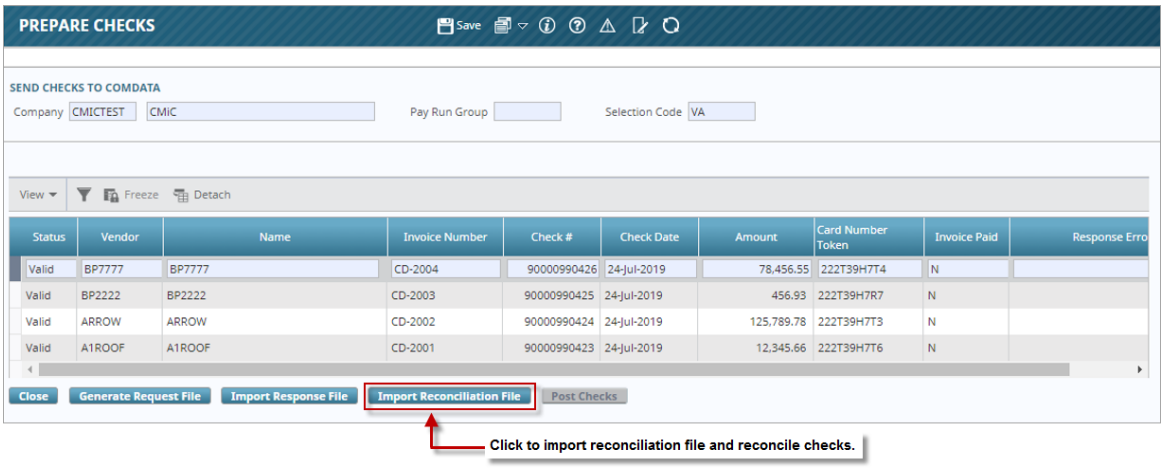
Once processing is complete, card number tokens will be updated.



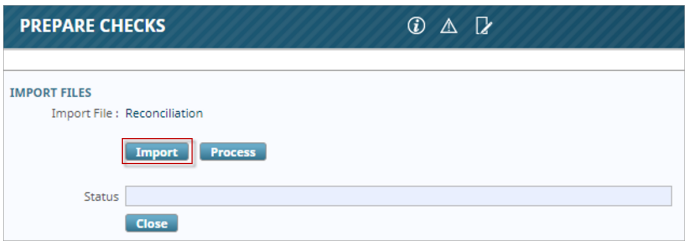
Step 4: Import and Process Reconciliation File

After the card number tokens have been processed, the next step is to import the reconciliation file from Comdata's FTP server and process it.

Click on the [**Import Reconciliation File**] button in the pop-up window launched from the [**Comdata**] button on the Prepare Checks screen to import the reconciliation file and reconcile the checks.

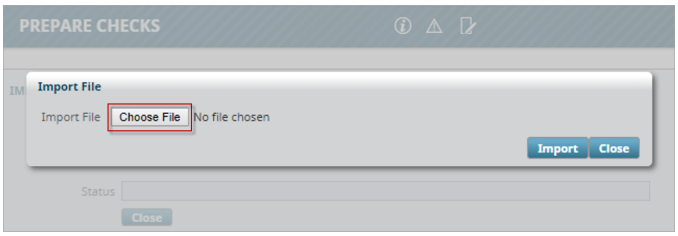


Another pop-up window will appear to import the file. Click on the [**Import**] button.

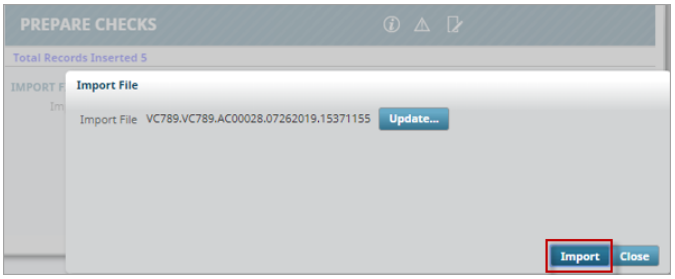


Pop-up window launched from [Import File Check Number] button

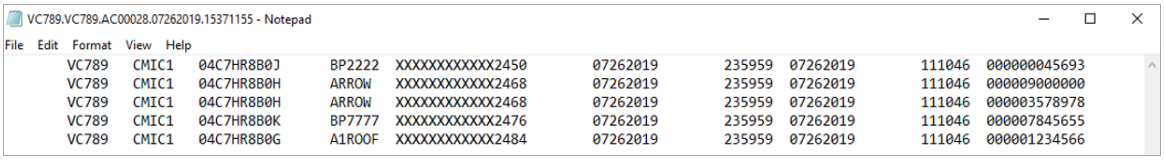
Click on the [**Choose File**] button and browse to select the file to import.



Click the [**Import**] button to import the file.



The following screenshot shows an example of the reconciliation file open in Notepad.



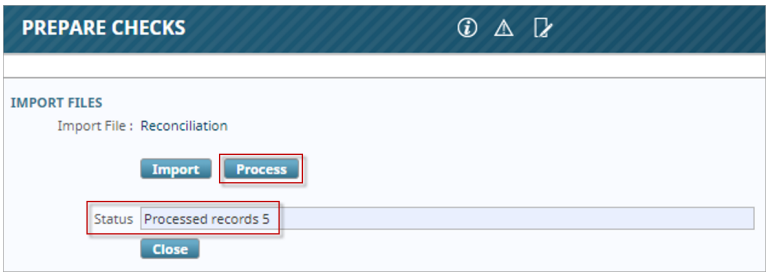
Example of reconciliation file in Notepad

The reconciliation file is a tab delimited text file, which follows the reconciliation file naming convention AC00028:

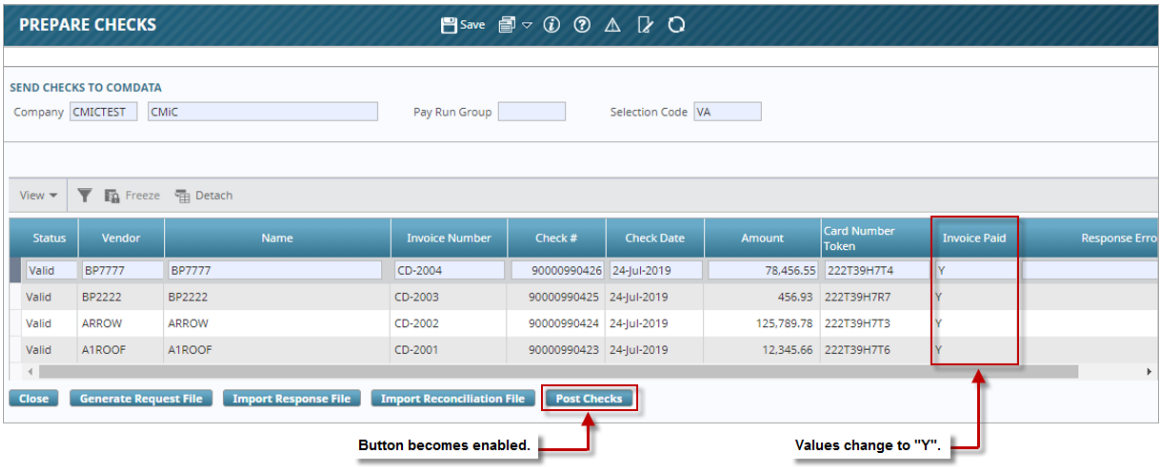
ACCOUNTCODE.ACCOUNTCODE.AC00028.MMDDYYYY.HHMMNNNNNN

For example: VC789.VC789.AC00028.07262019.15371155

Click on the [**Process**] button to process the file.



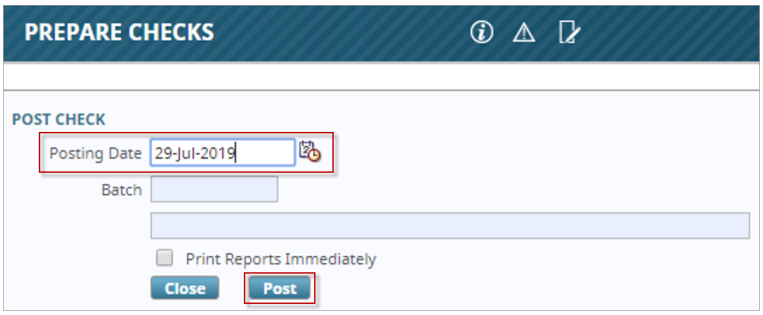
After reconciliation is complete, the values in the Invoices Paid column update from “N” to “Y” and the [**Post Checks**] button becomes enabled.



Step 5: Post Checks

When all checks under the selection code are reconciled and all rows in the column have been updated to “Y”, the [**Post Checks**] button becomes enabled so checks can be posted.

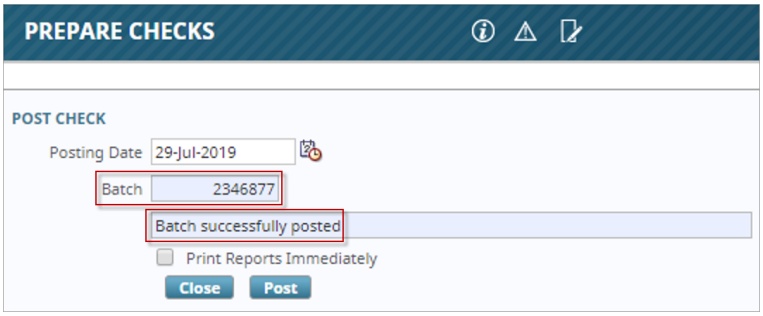
Click on the [**Post Checks**] button to launch a pop-up window to post checks.



Pop-up window launched from [Post Checks] button

Enter the posting date and check the ‘Print Reports Immediately’ checkbox (optional).

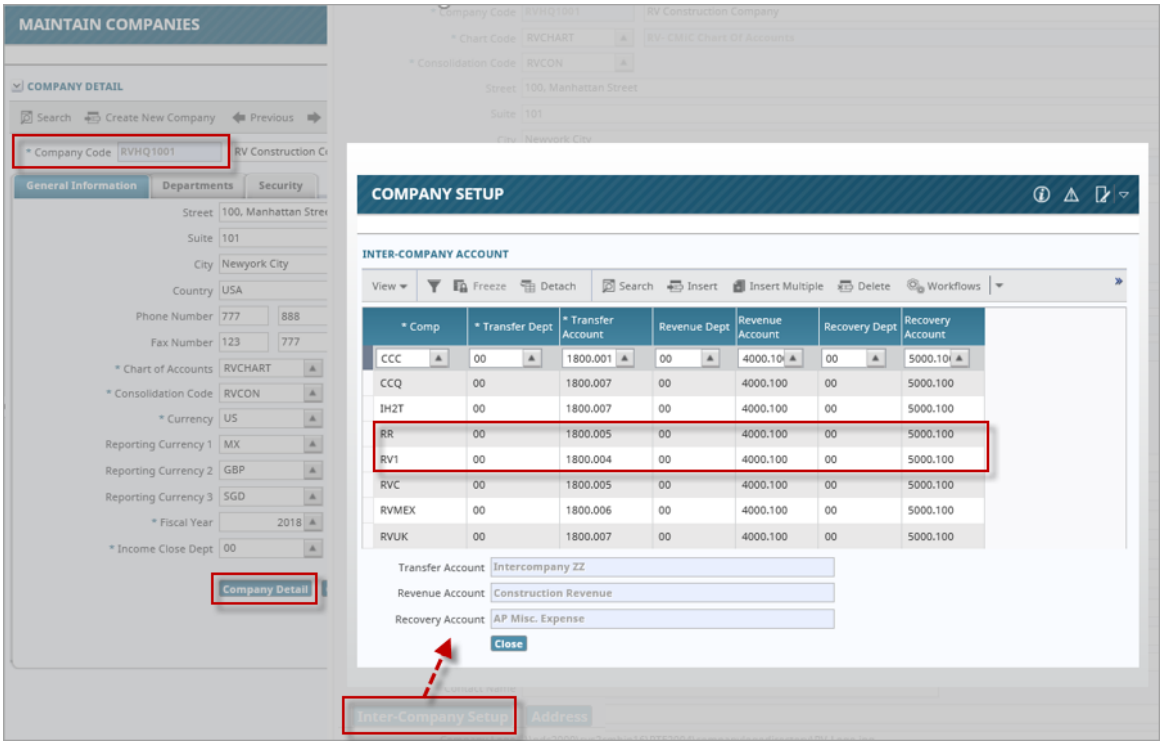
On successful posting, the system will return the batch number and reports to print, if the 'Print Reports Immediately' box is checked.



Preparing Checks for a Pay Run Group

The main difference between preparing checks for a selection code, as opposed to preparing checks for a pay run group, is the procedure to be followed in Steps 1-2. The rest of the procedure to be followed in Steps 3-5 is the same for both methods.

Step 1: Select Payments and Create Pay Run Group



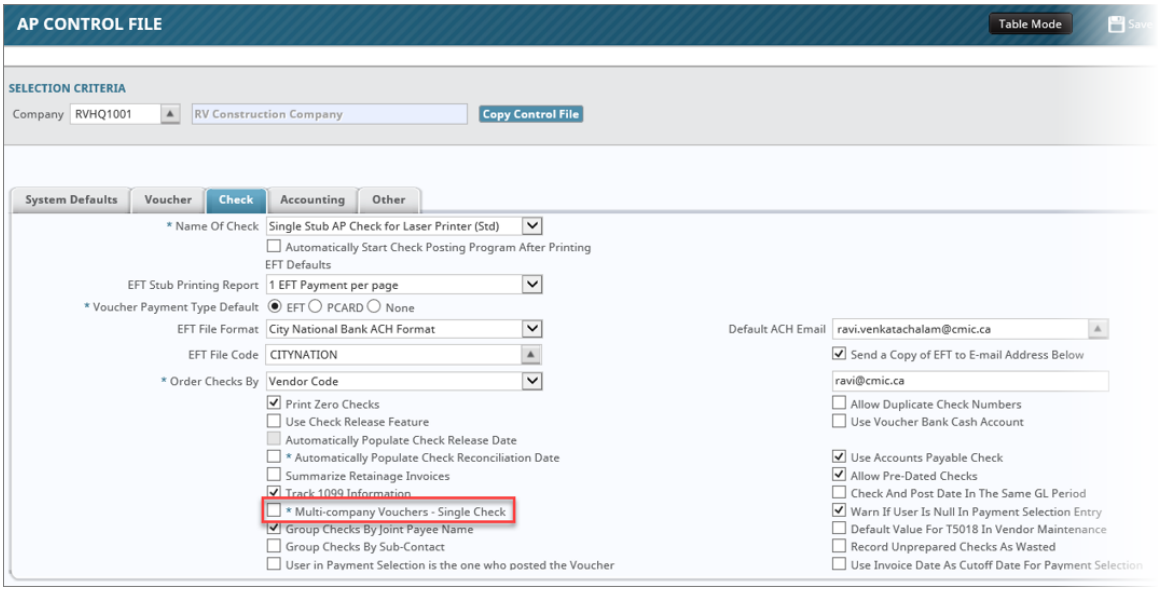
Pop-up window launched from [Inter-Company Setup] button on the Maintain Companies screen; standard Treeview path: General Ledger > Setup > Company Setup

Pay run groups are used to group and pay posted vouchers associated with different payment selection codes of companies in the system using a single company's bank account. If preparing checks for a pay run group, inter-company account setup is required.

In the screenshot above, the parent company "RVHQ1001" has inter-company accounts set up for two of its subsidiary companies, "RR" and "RV1", so that it can prepare checks for vendors under all three companies.

NOTE: All the companies under the pay run group must use the same chart of accounts.

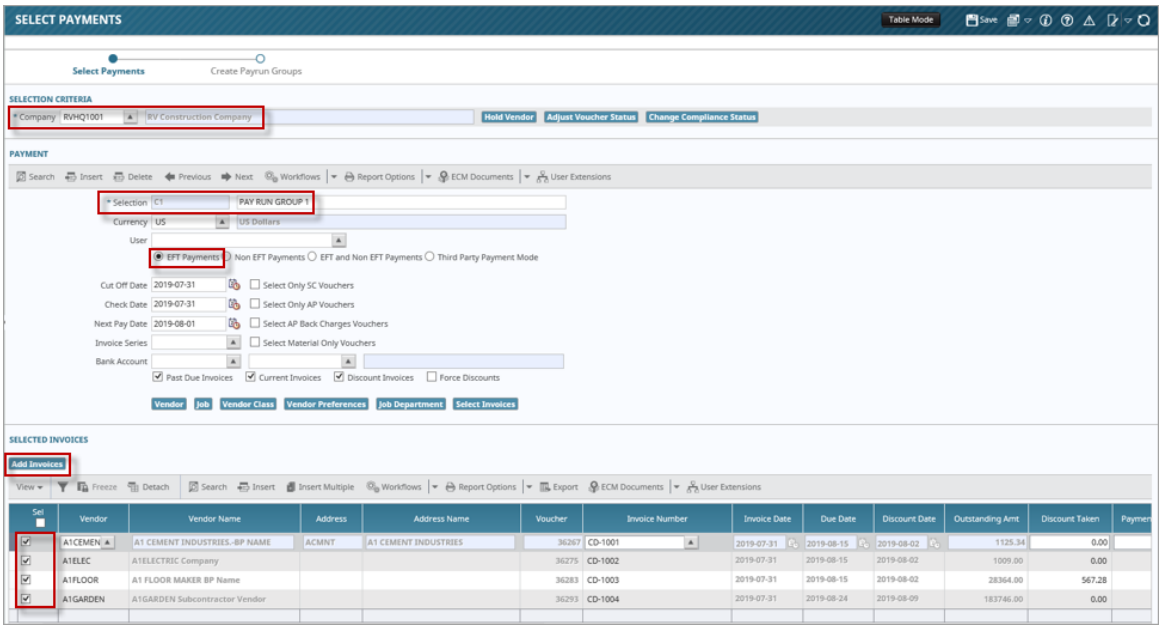
In addition, the parent company must have the 'Multi-company Vouchers – Single Check' checkbox unchecked on the Check tab of the AP Control File, as shown in the screenshot below.



Pgm: APCTRLFM – AP Control File; standard Treeview path: Accounts Payable > Setup > Local Tables > Control File Options – Check tab

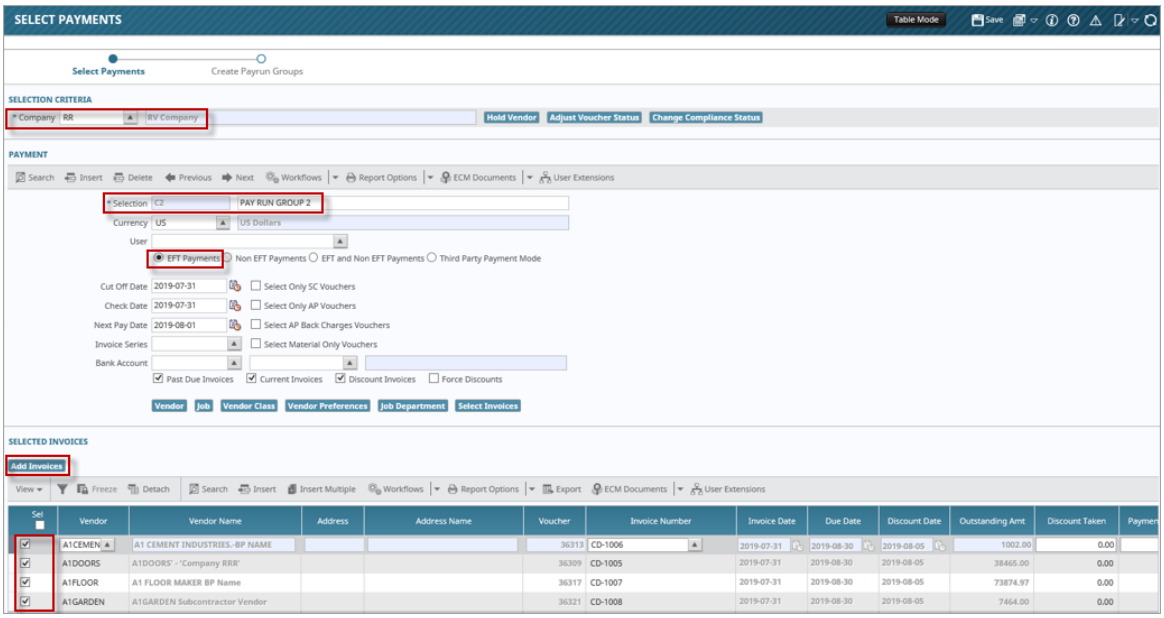
As shown in the following screenshots, selection codes have been set up for the three companies:

- Selection code C1 for company RVHQ1001.
- Selection code C2 for company RR.
- Selection code C3 for company RV1.



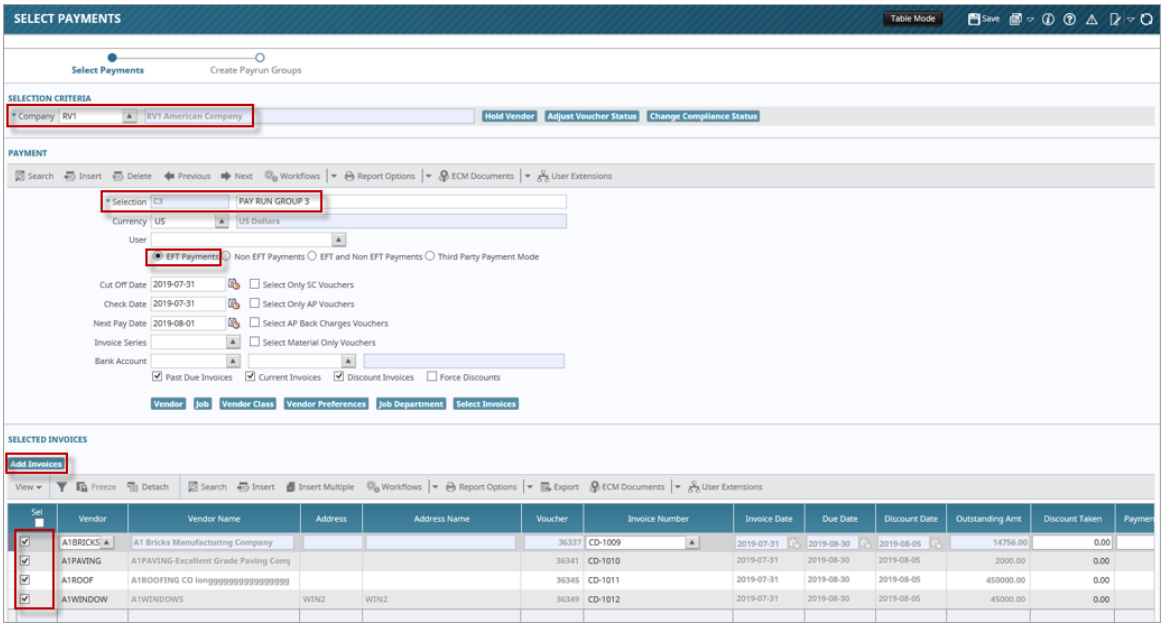
Pgm: PAYSEL – Select Payments; standard Treeview path: Accounts Payable > Payment > Select Payments

Selection code C1 was created for the parent company RVHQ1001 and invoices have been selected for four vendors.



Pgm: PAYSEL – Select Payments; standard Treeview path: Accounts Payable > Payment > Select Payments

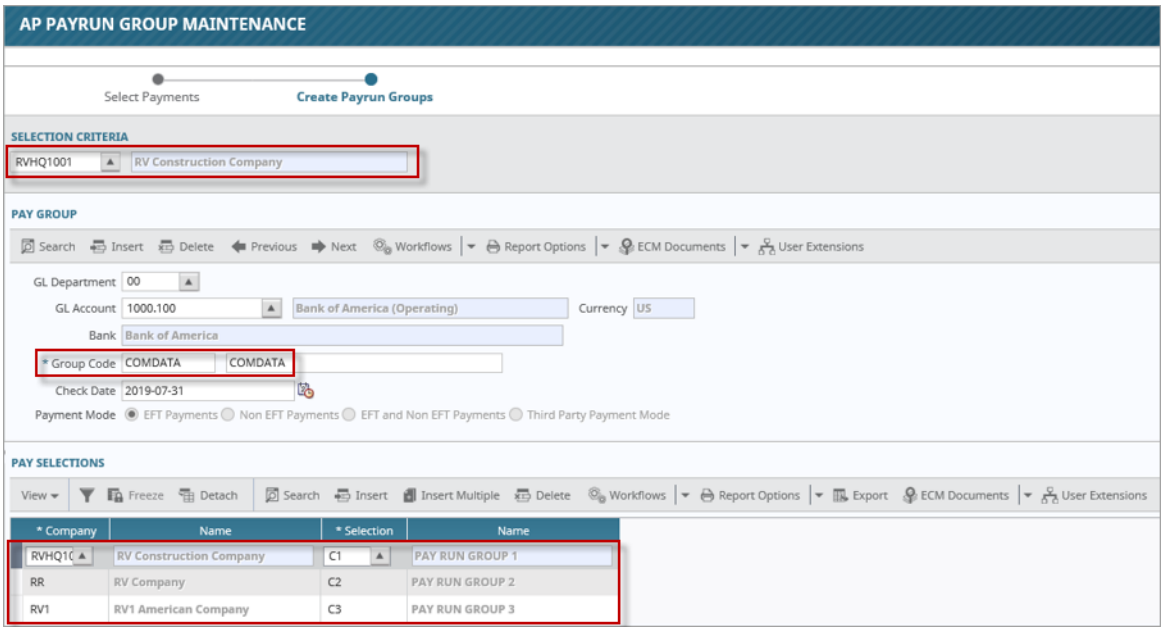
Selection code C2 was created for the subsidiary company RR and invoices have been selected for four vendors.



Pgm: PAYSEL – Select Payments; standard Treeview path: Accounts Payable > Payment > Select Payments

Selection code C3 was created for subsidiary company RV1 and invoices have been selected for four vendors.

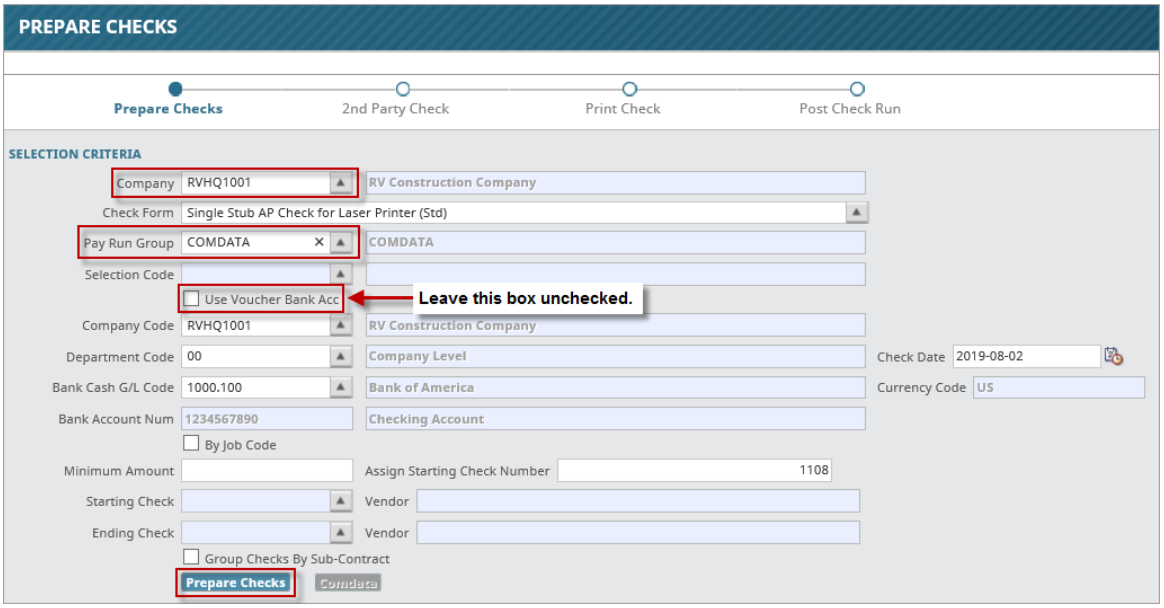
Once the selection codes have been created with the associated invoices to be paid, a pay run group can be created to group and pay the invoices from the three companies.



Pgm: PASELGRP – AP Payrun Group Maintenance; standard Treeview path: Accounts Payable > Payment > Select Payments

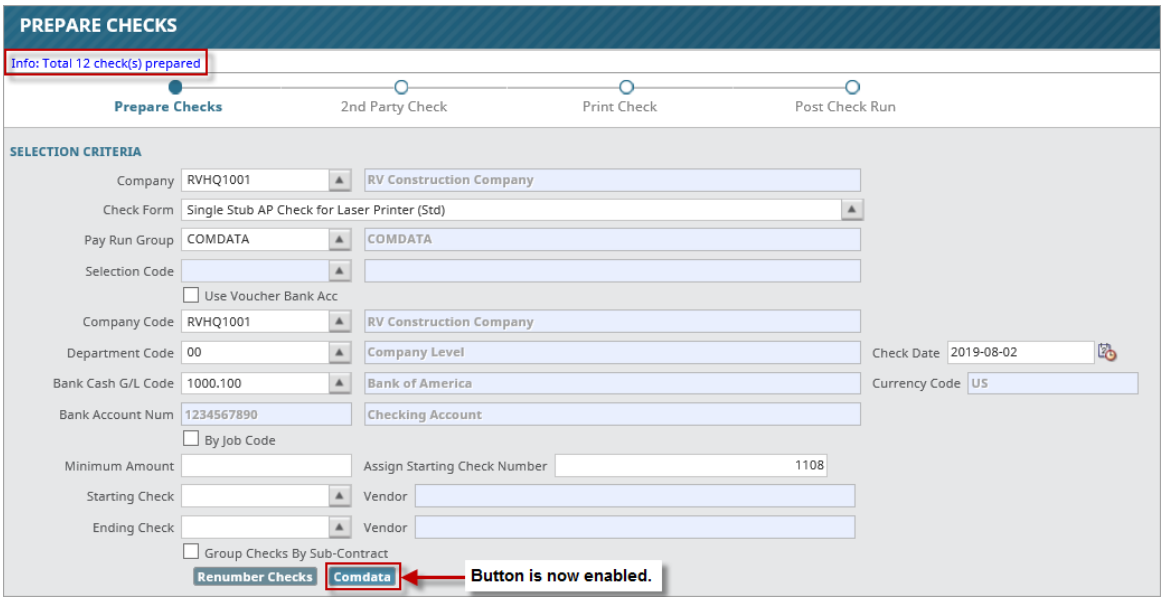
On the AP Payrun Group Maintenance screen, create a group code and associate the payment selection codes. In the screenshot above, a group code "COMDATA" was created for the parent company "RVHQ1001" to include selection codes "C1", "C2", and "C3".

Step 2: Generate Comdata Payment/Request File



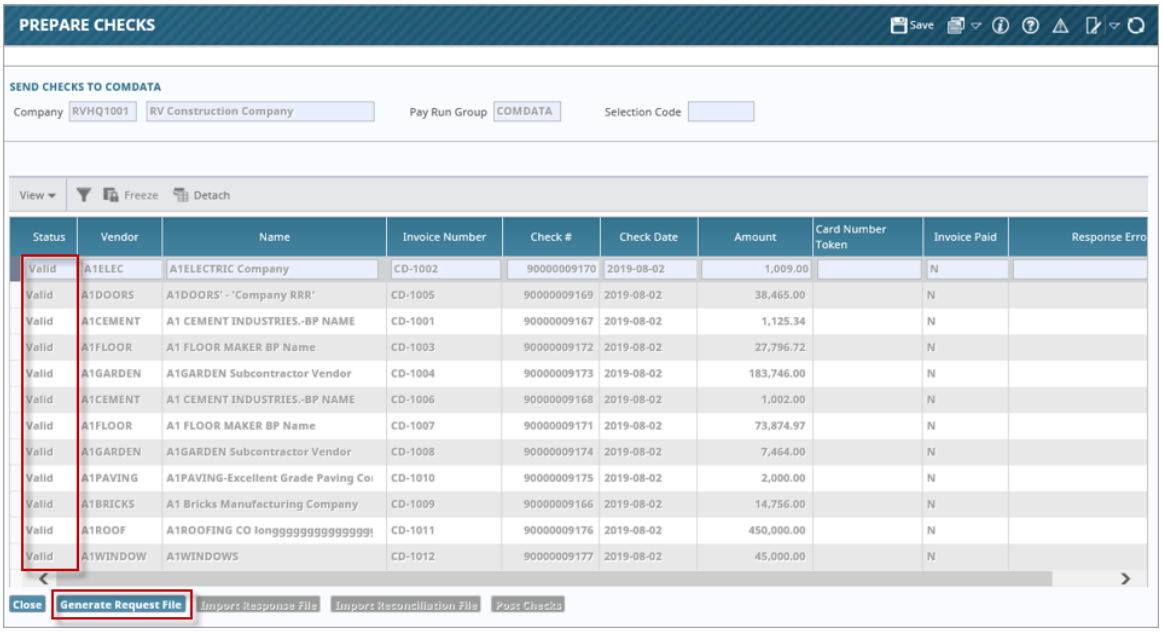
Pgm: APCHQPRE – Prepare Checks; standard Treeview path: Accounts Payable > Check > Print Checks

On the Prepare Checks screen, enter/select the company and pay run group, and leave 'Use Voucher Bank Acc' unchecked. Click on the [**Prepare Checks**] button.



The [**Prepare Checks**] button changes to [**Renumber Checks**]. A message appears at the top of the screen to indicate the total number of checks prepared and the [**Comdata**] button becomes enabled.

Click on the [**Comdata**] button to launch a pop-up window to initiate the payment/request file generation process.



Pop-up window launched from [Comdata] button on Prepare Checks screen

All records must be valid in the Status column for the [**Generate Request File**] button to be enabled.

Once all records are valid in the pop-up window, click on the [**Generate Request File**] button to generate the payment/request file.

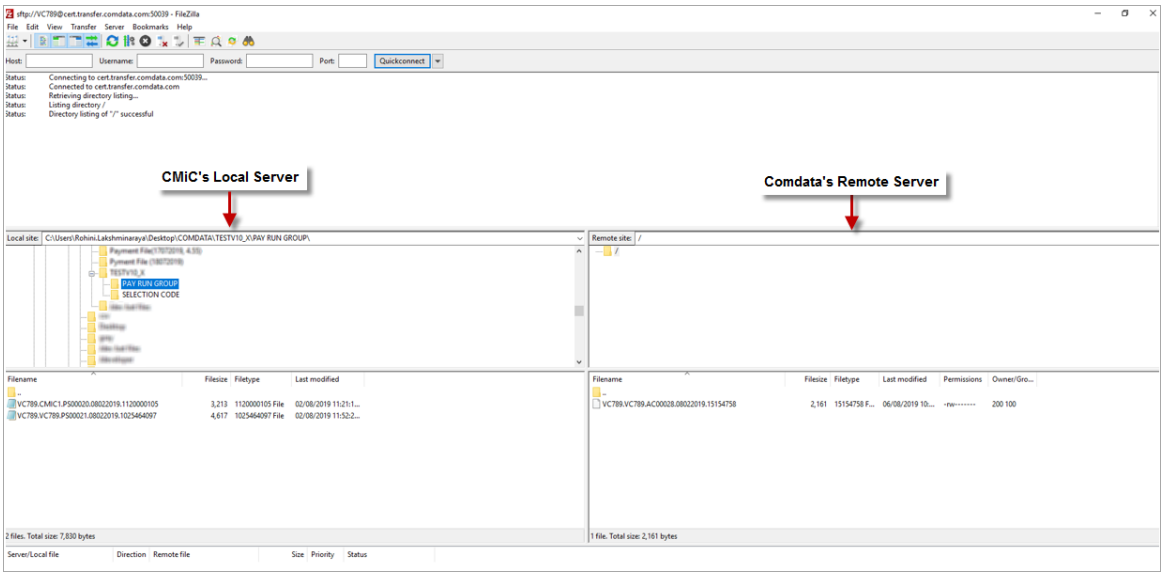
A pop-up window is launched, prompting the user to select in which program to open the payment/request file.

The procedure from this point forward is the same as that for preparing checks for a selection code.

Steps 3 – 5: Follow Steps 3 – 5 in Preparing Checks for a Selection Code

Follow Steps 3 - 5 in *Preparing Checks for a Selection Code* section in this quick guide as the procedures for both methods are the same.

Transferring Files Between CMiC and Comdata



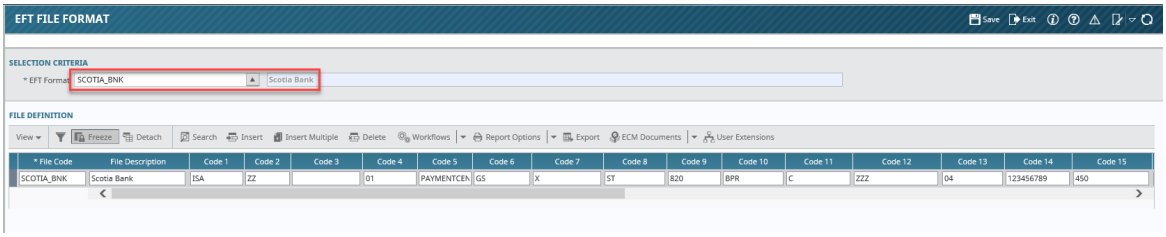
Example of FTP window used to transfer files from CMiC's local server to Comdata's remote server

File Transfer Protocol (FTP) is used for transferring files from CMiC's local server to Comdata's remote server. Users log in to the FTP server using credentials provided by Comdata.

Request files are placed in a folder allocated by Comdata to CMiC. Response and reconciliation files are retrieved from the same folder.

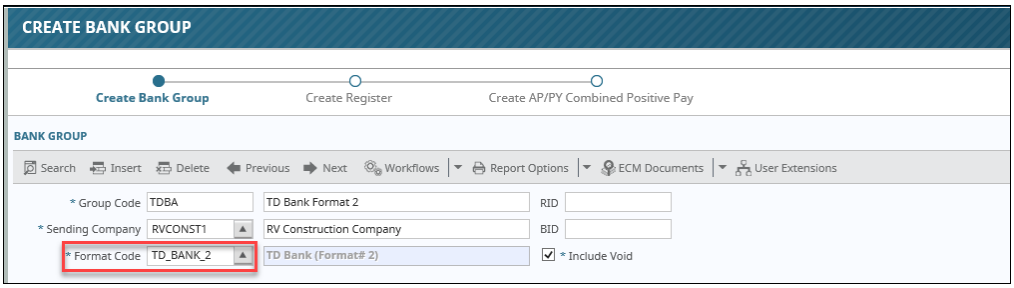
EFT Format for Scotia Bank (16.18300)

Created EFT Format for Scotia Bank (SCOTIA_BNK)



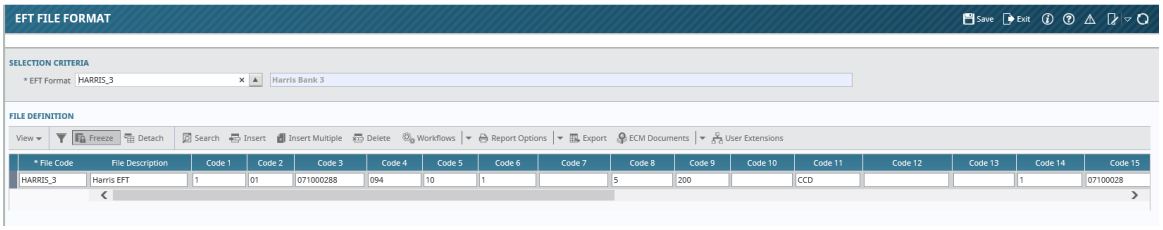
Positive Pay File Format for TD Bank (19.70031)

Created Positive Pay File Format for TD Bank [(TD_BANK_2), TD Bank (Format# 2)]



EFT Format for Harris Bank (19.71463)

Created EFT Format for Harris Bank (HARRIS_3)



This format is simply a copy of existing Harris Bank format with one modification.

On record # 6 field "Transaction code", the value will be first read from vendor setup "Suffix" field, and then from EFT setup. In order to achieve this, users must manually setup suffix field in Business partners & Vendor maintenance programs.

ACH, Positive Pay & Bank Recon. formats for BMO HARRIS bank (19.72821)

Created ACH, Positive Pay & bank Reconciliation formats for BMO HARRIS Bank (BMOHARRIS2)

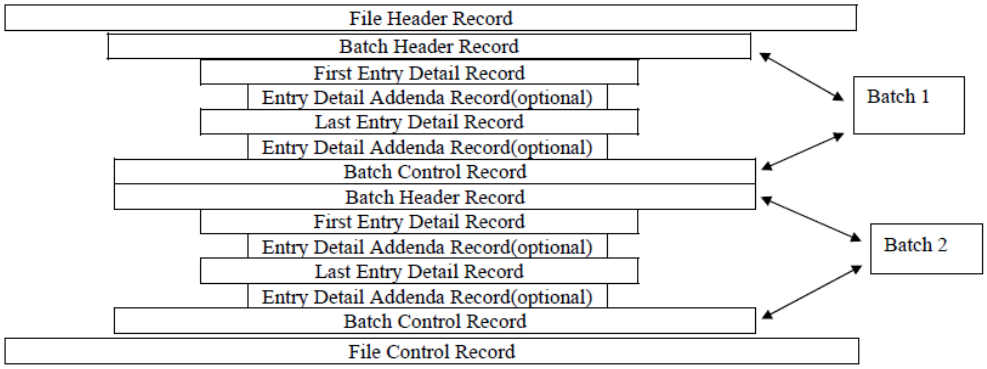
ACH -EFT File Format

BMOHARRIS2 – (BMO Harris Bank – NACHA Format 2)

The following is the BMO Harris Bank File Layout for ACH.

BMO Harris Bank

The basic record layout for ACH files is detailed below.



BMO Harris Bank

- File Header Record – The File Header Record designates physical file characteristics and identifies the immediate origin and destination of the entries contained within the file. In addition, this record includes date, time, and file identification fields that can be used to identify the file.

Field	1	2	3	4	5	6	7	8	9	10	11	12	13
Data Element Name	Record Type Code	Priority Code	Immediate Destination	Immediate Origin	File Creation Date	File Creation Time	File id Modifier	Record Size	Blocking Factor	Format Code	Immediate Destination Name	Immediate Origin Name	Reference Code
Field Inclusion Requirement	M	R	M	M	M	O	M	M	M	M	O	O	O
Contents	"1"	"01"	071000288	Alphanumeric	YYMMDD	HHMM	Upper Case A-Z Numeric 0-9	"094"	"10"	"1"	Alphameric	Alphameric	Alphameric
Length	1	2	10	10	6	4	1	3	2	1	23	23	8
Position	01 - 01	02 - 03	04 – 13	14 – 23	24 – 29	30 – 33	34 – 34	35 – 37	38 – 39	40 – 40	41 – 63	64 – 86	87 - 94

Field Name	Entry Information	Field Name	Entry Information
1. Record Type Code	The Code identifying the Header Record	8. Record Size	The Record Size Field indicates the number of characters contained in Each record
2. Priority Code	"01" is the value	9. Blocking Factor	The Blocking Factor defines the number of physical records within a block (a block is 940 characters)
3. Immediate Destination	Immediate Destination – ACH or Receiving Point Identification Number	10. Format Code	This field identifies a code to allow for future format variations
4. Immediate Origin	Immediate Origin – Sending Point or ACH Identification Number Company Tax id Preceded by a "1"	11. Immediate Destination Name	This field contains the name of the ACH Operator or receiving point for which that file is destined
5. File Creation Date	Transmission (File Creation) Date	12. Immediate Origin Name	This field contains the name of the ACH Operator or sending point that is sending the file
6. File Creation Time	Transmission (File Creation) Time		
7. File id Modifier	Only Upper Case A – Z or 0 – 9	13. Reference Code	This field is reserved for Company

BMO Harris Bank

- Company/Batch Header Record – The Company/Batch Header Record contains the Transit Routing /ABA Number of the Originating Depository Financial Institution (ODFI) for settlement, routing of returns, and other control purposes. In addition, the Company/Batch Header Record can indicate the intended effective date of all transactions within the batch.

Field	1	2	3	4	5	6	7	8	9	10	11	12	13
Data Element Name	Record Type Code	Service Class Code	Company Name	Company Discretionary Data	Company Identification	Standard Entry Class Code	Company Entry Description	Company Descriptive Date	Effective Entry Date	Settlement Date(Julian)	Originator Status Code	Originating DFI Identification	Batch Number
Field Inclusion Requirement	M	M	M	O	M	M	M	O	R	O	M	M	M
Contents	"5"	Numeric	Alphanumeric	Alphanumeric	Alphanumeric	Alphanumeric	Alphanumeric	Alphanumeric	YYMMDD	Blank	"1"	"07100028"	Numeric
Length	1	3	16	20	10	3	10	6	6	3	1	8	7
Position	01 - 01	02 - 04	05 – 20	21 – 40	41 – 50	51 – 53	54 – 63	64 – 69	70 – 75	76 – 78	79 – 79	80 – 87	88 - 94

Field Name	Entry Information	Field Name	Entry Information
1. Record Type Code	The Code identifying the Company/Batch Record	7. Company Entry Description	Purpose of ACH(i.e. Payroll, Dues)
2. Service Class Code	200 = Mixed Credits & Debits 220 = Credits only 225 = Debits only	8. Company Descriptive Date	The date you choose to identify the transaction or the date when file is transmitted for processing
3. Company Name	Your company name	9. Effective Entry Date	Date transactions are to be posted to the participant's account
4. Company Discretionary Data	For your company's internal use	10. Settlement Date(Julian)	Leave field blank
5. Company Identification	The Company Identification is an Alphanumeric code used to identify the Originator	11. Originator Status Code	Enter value of "1"
6. Standard Entry Class Code	Identifies the types of entries in the batch PPD(Prearranged Payments and Deposit) CCD(Cash Concentration and Disbursement) CTX(Corporate Trade Exchange)	12. Originating DFI Identification	Enter value "07100028" this is BMO Harris Bank's routing number
		13. Batch Number	Number batches sequentially

BMO Harris Bank

- Entry Detail Record – The Entry Detail Record contains the information necessary to post a deposit to/withdrawal from an account and should include the recipient's name, account number, routing number and dollar amount of the payment. For PPD and TEL entries.

Field	1	2	3	4	5	6	7	8	9	10	11
Data Element Name	Record Type Code	Transaction Code	Receiving DFI Identification	Check Digit	DFI Account Number	Amount	Individual Identification Number	Individual Name	Discretionary Data	Addenda Record Indicator	Trace Number
Field Inclusion Requirement	M	M	M	M	R	M	O	R	O	M	M
Contents	"6"	Numeric	Numeric	Numeric	Alphanumeric	Numeric	Alphanumeric	Alphanumeric	Alphanumeric	Numeric	Numeric
Length	1	2	8	1	17	10	15	22	2	1	15
Position	01 - 01	02 - 03	04 - 11	12 - 12	13 - 29	30 - 39	40 - 54	55 - 76	77 - 78	79 - 79	80 - 94

Field Name	Entry Information	Field Name	Entry Information
1. Record Type Code	The Code identifying the Entry Detail Record	7. Individual Identification Number	Receiver's identification number (i.e. Employee#, SS#)
2. Transaction Code	Two digit code identifying the account type 22 = Credit to Checking Account 23 = Credit Prenote to Checking Account 27 = Debit to Checking Account 28 = Debit Prenote to Checking Account 32 = Credit to Savings Account 33 = Credit Prenote to Savings Account 37 = Debit to Savings Account 38 = Debit Prenote to Savings Account	8. Individual Name	Name of receiver
3. Receiving DFI Identification	Transit routing number of the receiver's financial institution	9. Discretionary Data	For your company's internal use
4. Check Digit	The ninth digit of the receiver's financial institution	10. Addenda Record Indicator	Enter value "0" if no addenda accompanying entry detail record Enter value "1" if addenda included
5. DFI Account Number	Receiver's account number	11. Trace Number	First 8 digits of trace number is 07100028. Last 7 digits, use unique sequential numbering scheme per entry detail record(ie: 071000280000001)
6. Amount	Transaction amount For prenotes, enter 10 zeroes in the amount field		

BMO Harris Bank

- Entry Detail Record – The Entry Detail Record contains the information necessary to post a deposit to/withdrawal from an account and should include the recipient's name, account number, routing number and dollar amount of the payment. For WEB entries.

Field	1	2	3	4	5	6	7	8	9	10	11
Data Element Name	Record Type Code	Transaction Code	Receiving DFI Identification	Check Digit	DFI Account Number	Amount	Individual Identification Number	Individual Name	Payment Type Code	Addenda Record Indicator	Trace Number
Field Inclusion Requirement	M	M	M	M	R	M	O	R	R	M	M
Contents	"6"	Numeric	Numeric	Numeric	Alphanumeric	Numeric	Alphanumeric	Alphanumeric	Alphanumeric	Numeric	Numeric
Length	1	2	8	1	17	10	15	22	2	1	15
Position	01 - 01	02 - 03	04 - 11	12 - 12	13 - 29	30 - 39	40 - 54	55 - 76	77 - 78	79 - 79	80 - 94

Field Name	Entry Information	Field Name	Entry Information
1. Record Type Code	The Code identifying the Entry Detail Record	7. Individual Identification Number	Receiver's identification number (i.e. Employee#, SS#)
2. Transaction Code	Two digit code identifying the account type 22 = Credit to Checking Account 23 = Credit Prenote to Checking Account 27 = Debit to Checking Account 28 = Debit Prenote to Checking Account 32 = Credit to Savings Account 33 = Credit Prenote to Savings Account 37 = Debit to Savings Account 38 = Debit Prenote to Savings Account	8. Individual Name	Name of receiver
		9. Payment Type Code	Value "S" for Single Entry Payment Value "R" for Recurring Payments
3. Receiving DFI Identification	Transit routing number of the receiver's financial institution	10. Addenda Record Indicator	Enter value "0" if no addenda accompanying entry detail record Enter value "1" if addenda included
4. Check Digit	The ninth digit of the receiver's financial institution	11. Trace Number	First 8 digits of the trace number is 07100028. Last 7 digits, use unique sequential numbering scheme per entry detail record (i.e. 071000280000001)
5. DFI Account Number	Receiver's account number		
6. Amount	Transaction amount For prenotes, enter 10 zeroes in the amount field		

BMO Harris Bank

- Entry Detail Record – The Entry Detail Record contains the information necessary to post a deposit to/withdrawal from an account and should include the recipient's name, account number, routing number and dollar amount of the payment. For CCD entries.

Field	1	2	3	4	5	6	7	8	9	10	11
Data Element Name	Record Type Code	Transaction Code	Receiving DFI Identification	Check Digit	DFI Account Number	Amount	Identification Number	Receiving Company Name	Discretionary Data	Addenda Record Indicator	Trace Number
Field Inclusion Requirement	M	M	M	M	R	M	O	R	O	M	M
Contents	"6"	Numeric	Numeric	Numeric	Alphanumeric	Numeric	Alphanumeric	Alphanumeric	Alphanumeric	Numeric	Numeric
Length	1	2	8	1	17	10	15	22	2	1	15
Position	01 - 01	02 - 03	04 - 11	12 - 12	13 - 29	30 - 39	40 - 54	55 - 76	77 - 78	79 - 79	80 - 94

Field Name	Entry Information	Field Name	Entry Information
1. Record Type Code	The Code identifying the Entry Detail Record	7. Identification Number	Receiver's identification number (i.e. TIN#)
2. Transaction Code	Two digit code identifying the account type 22 = Credit to Checking Account 23 = Credit Prenote to Checking Account 27 = Debit to Checking Account 28 = Debit Prenote to Checking Account 32 = Credit to Savings Account 33 = Credit Prenote to Savings Account 37 = Debit to Savings Account 38 = Debit Prenote to Savings Account	8. Receiving Company Name	Name of receiver
		9. Discretionary Data	For your company's internal use
3. Receiving DFI Identification	Transit routing number of the receiver's financial institution	10. Addenda Record Indicator	Enter value "0" if no addenda accompanying entry detail record Enter value "1" if addenda included
4. Check Digit	The ninth digit of the receiver's financial institution	11. Trace Number	First 8 digits of trace number is 07100028. Last 7 digits, use unique sequential numbering scheme per entry detail record(i.e. 071000280000001)
5. DFI Account Number	Receiver's account number		
6. Amount	Transaction amount For prenotes, enter 10 zeroes in the amount field		

BMO Harris Bank

- Entry Detail Record – The Entry Detail Record contains the information necessary to post a deposit to/withdrawal from an account and should include the recipient's name, account number, routing number and dollar amount of the payment. For CTX entries.

Field	1	2	3	4	5	6	7	8	9	10	11	12	13
Data Element Name	Record Type Code	Transaction Code	Receiving DFI Identification	Check Digit	DFI Account Number	Amount	Identification Number	Number of Addenda Records	Receiving Company Name/ID Number	Reserved	Discretionary Data	Addenda Record Indicator	Trace Number
Field Inclusion Requirement	M	M	M	M	R	M	O	M	R	N/A	O	M	M
Contents	"6"	Numeric	Numeric	Numeric	Alphanumeric	Numeric	Alphanumeric	Numeric	Alphanumeric	Blank	Alphanumeric	Numeric	Numeric
Length	1	2	8	1	17	10	15	4	16	2	2	1	15
Position	01 - 01	02 – 03	04 – 11	12 - 12	13 – 29	30 – 39	40 – 54	55 – 58	59 – 74	75 – 76	77 – 78	79 – 79	80 – 94

Field Name	Entry Information	Field Name	Entry Information
1. Record Type Code	The Code identifying the Entry Detail Record	7. Identification Number	Receiver's identification number (i.e. TIN#)
2. Transaction Code	Two digit code identifying the account type 22 = Credit to Checking Account 23 = Credit Prenote to Checking Account 27 = Debit to Checking Account 28 = Debit Prenote to Checking Account 32 = Credit to Savings Account 33 = Credit Prenote to Savings Account 37 = Debit to Savings Account 38 = Debit Prenote to Savings Account	8. Number of Addenda Records	The number of addenda records accompanying the CTX entry detail record
		9. Receiving Company Name/ ID Number	Name or receiver
		10. Reserved	Leave field blank
3. Receiving DFI Identification	Transit routing number of the receiver's financial institution	11. Discretionary Data	For your company's internal use
4. Check Digit	The ninth digit of the receiver's financial institution	12. Addenda Record Indicator	Enter value "0" if no addenda accompanying entry detail record Enter value "1" if addenda included
5. DFI Account Number	Receiver's account number		
		13. Trace Number	First 8 digits of trace number is 07100028. Last 7 digits, use unique sequential numbering scheme per entry detail record(ie: 071000280000001)
6. Amount	Transaction amount For prenotes, enter 10 zeroes in the amount field		

BMO Harris Bank

- Entry Detail Addenda Record – The Entry Detail AddendaRecord is optional. This record contains the additional information(such as invoice number, purchase order number) relating to the prior Entry Detail Record. It is primarily used for CCD+ and CTX entries. For CCD+ entries, only one addenda record should be included to the accompanying the related Entry Detail Record. For CTX entries, up to 9,999 addenda records are allowed to be included to the related Entry Detail Record.

Field	1	2	3	4	5
Data Element Name	Record Type Code	Addenda Type Code	Payment Related Information	Addenda Sequence Number	Entry Detail Sequence Number
Field Inclusion Requirement	M	M	O	M	M
Contents	"7"	"05"	Alphanumeric	Numeric	Numeric
Length	1	2	80	4	7
Position	01 - 01	02 - 03	04 - 83	84 - 87	88 - 94

Field Name	Entry Information	Field Name	Entry Information
1. Record Type Code	The Code identifying the File Control Record	3. Payment Related Information	This field contains additional information associated with the payment. The information can be in ANSI or UN/EDIFACT format.
2. Addenda Type Code	Two digit code identifying the type of information contained in the addenda record 02- Used for the POS, MTE and SHR Standard Entry Class. Addenda is used for terminal location Information 05- Used for CCD, CTX and PPD Standard Entry Class. Addenda normally include invoice number, purchase order number and/or additional payment related information	4. Addenda Sequence Number	This number is consecutively assigned to each addenda record. The first addenda sequence number must always be a "1"
		5. Entry Detail Sequence Number	This number is the same as the last 7 digits of the related Entry Detail Record

BMO Harris Bank

- Company/Batch Control Record – The Company/Batch Control Record contains the counts, hash totals and total dollar controls for the preceding detail entries within the indicated batch.

Field	1	2	3	4	5	6	7	8	9	10	11
Data Element Name	Record Type Code	Service Class Code	Entry/Addenda Count	Entry Hash	Total Debit Entry Dollar Amount	Total Credit Entry Dollar Amount	Company Identification	Reserved	Reserved	Originating DFI	Batch Number
Field Inclusion Requirement	M	M	M	M	M	M	R	O	N/A	M	M
Contents	"8"	Numeric	Numeric	Numeric	Numeric	Numeric	Alphanumeric	Blank	Blank	"07100028"	Numeric
Length	1	3	6	10	12	12	10	19	6	8	7
Position	01 - 01	02 - 04	05 - 10	11 - 20	21 - 32	33 - 44	45 - 54	55 - 73	74 - 79	80 - 87	88 - 94

Field Name	Entry Information	Field Name	Entry Information
1. Record Type Code	The Code identifying the Company/Batch Control Record	7. Company Identification	This should match the company identification number used in the corresponding batch header record
2. Service Class Code	200 = Mixed Credits & Debits 220 = Credits only 225 = Debits only	8. Reserved	Leave field blank
3. Entry/Addenda Count	Total number of entry and addenda records processed within the batch	9. Reserved	Leave field blank
4. Entry Hash	Sum of Receiving DFI field for all detail entry records within the batch. Add values in position 4-11 on all '6' records	10. Originating DFI	Enter value "07100028" this is BMO Harris Bank's routing number
5. Total Debit Entry Dollar Amount	Dollar Totals of debit entries within the batch	11. Batch Number	This number should be the same to the corresponding company/batch header record
6. Total Credit Entry Dollar Amount	Dollar Totals of credit entries within the batch		

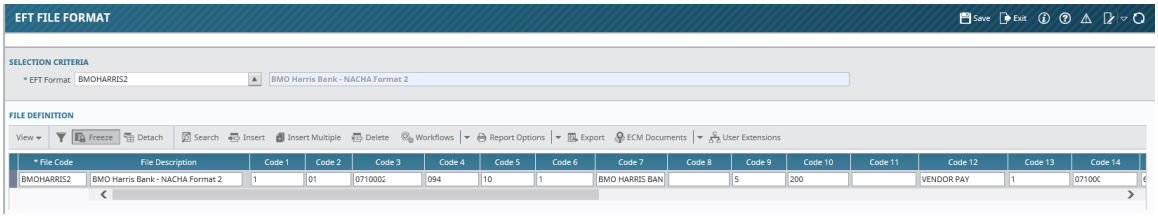
BMO Harris Bank

- File Control Record – The File Control Record contains the dollar, entry and hash total accumulation from the Company/Batch Control Records in the file. It also contains counts of the number of blocks and the number of batches within the file.

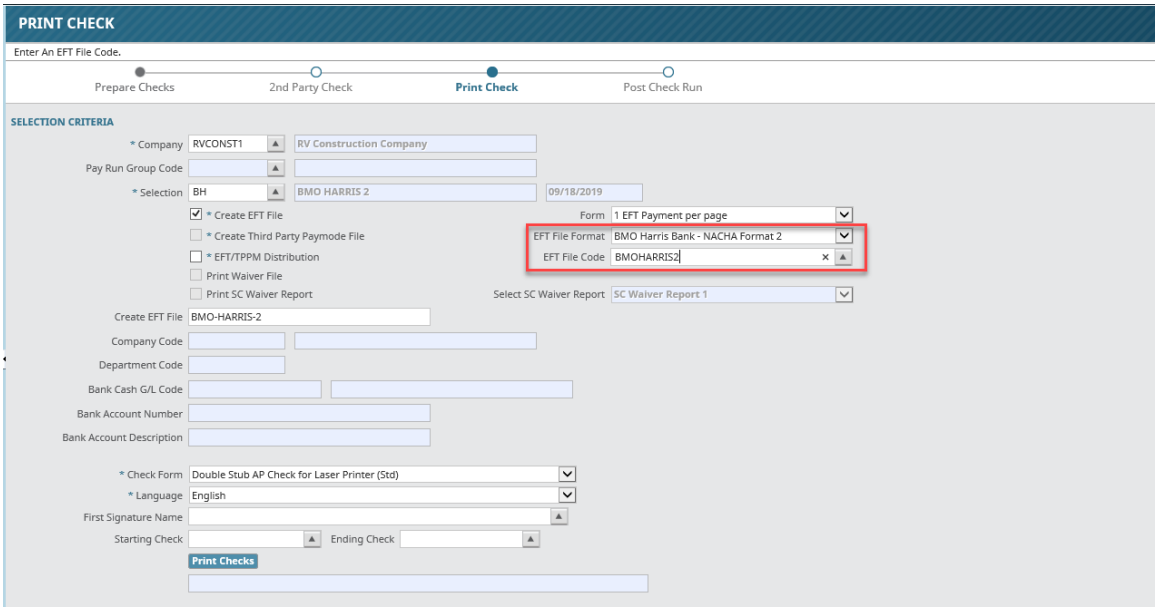
Field	1	2	3	4	5	6	7	8
Data Element Name	Record Type Code	Batch Count	Block Count	Entry/Addenda Count	Entry Hash	Total Debit Entry Dollar Amount in File	Total Credit Entry Dollar Amount in File	Reserved
Field Inclusion Requirement	M	M	M	M	M	M	M	N/A
Contents	"9"	Numeric	Numeric	Numeric	Numeric	Numeric	Numeric	Blank
Length	1	6	6	8	10	12	12	39
Position	01 - 01	02 - 07	08 - 13	14 - 21	22 - 31	32 - 43	44 - 55	56 - 94

Field Name	Entry Information	Field Name	Entry Information
1. Record Type Code	The Code identifying the File Control Record	6. Total Debit Entry Dollar Amount in File	Dollar Totals of debit entries within the file
2. Batch Count	The total number of batch header records in the file	7. Total Credit Entry Dollar Amount in File	Dollar Totals of credit entries within the file
3. Block Count	The total number of physical blocks in the file 940 characters = 1 block Or every 10 records/lines = 1 block	8. Reserved	Leave field blank
4. Entry/Addenda Count	Total number of entry detail and addenda records in file		
5. Entry Hash	Sum of all Entry Hash field for all company/batch control records within the file Add values in position 11-20 on all '8' records		

The following screens show the ACH (EFT) File set up and generation in CMiC during AP Check Printing.



AP>Global Tables > EFT Formats



BMO-HARRIS-2.txt - Notepad

File Edit Format View Help

```
101 071000288141526341519091809 59A094101BMO HARRIS BANK        RV CONSTRUCTION COMPANY
5200RV CONSTRUCTION                    1415263415CCDVENDOR PAY190918190918   1071000280000001
6227777     78965           000114801790000002343    A1BLOCK BP NAME         1071000280000001
70556456              RV                                                          00010000001
6226688     96587           000001000090000002344    A1 CARPENTRY CO         1071000280000002
705TP00000704                                                                   00010000002
6227777     78965           000092032690000002342    A1BLOCK BP NAME         1071000280000003
7054000-1             rv test                                                   00010000003
6221234     858585          000019206990000002345    A1DOORS BP NAME         1071000280000004
705DOOR300-5          Job RISK-TEST1 Cont DOOR300 CO 000                        00010000004
8200000080000023476000000000000000022704121415263415                          071000280000001
900000100000200000080000023476000000000000000002270412
999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999
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Positive Pay File Format – BMO HARRIS Bank

Specifications from the Bank

Payee Positive Pay Service—Standard Issued Check Record Layout

Detail Record

Record Size	194	Record Format	Fixed block	Numeric Fields	Right justify and zero fill

Field		Positions	Length	Description
Detail Record	001	001-001	1	Constant Value = C
	002	002-004	3	Bank Number *
	003	005-006	2	Filler - zeros
	004	007-016	10	Account Number*
	005	017-017	1	Filler – blank/space
	006	018-018	1	Transaction Type: R=Register, V = Void / Cancel
	007	019-019	1	Action Indicator: A = Add, D = Delete
	008	020-020	1	Filler – blank/space
	009	021-030	10	Check Serial Number
	010	031-040	10	Check Amount
	011	041-046	6	Issue Date (MMDDYY)
	012	047-066	20	User Information
	013	067-194	128	Payee**

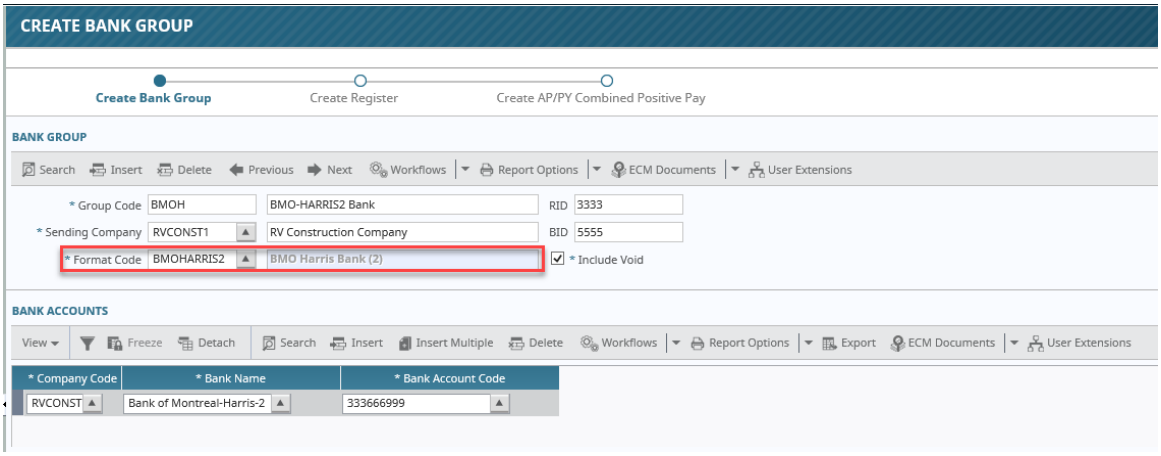
(*) Bank Number and Account Number should be verified with BMO Harris Bank Implementation Specialist.

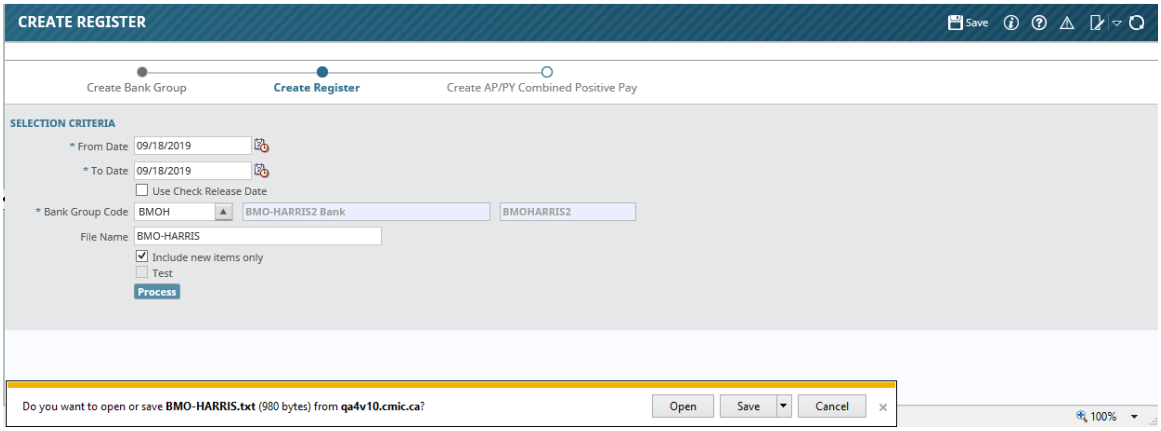
(**) Payee Name field is left justified. Field can truncate at the end of the payee name, there is no requirement to fill to maximum field length.

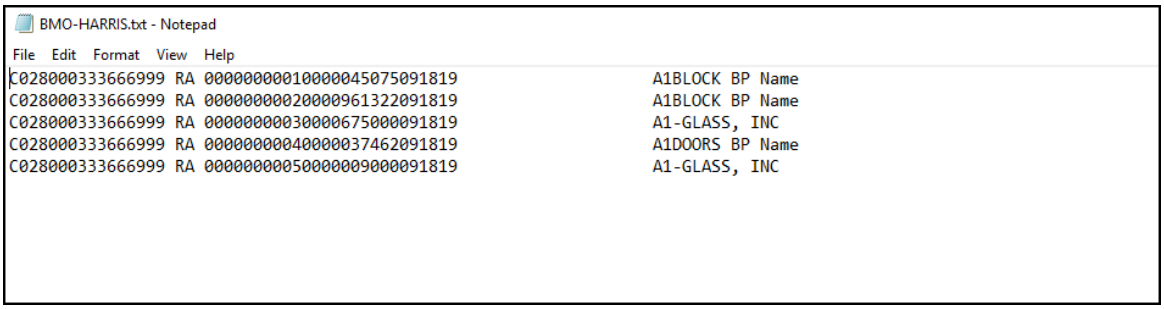
Using the variable data inputs in record positions 018 and 019, the standard check issue file format can cover the four following types of check issue activities:

Input to positions 18 and 19	Transaction Action	Definition
RA	Register Add	Adds item as an outstanding issued check
RD	Register Delete	Removes the item as an outstanding issued check
VA	Void Add	Indicates that an outstanding item is now "voided/cancelled" and should not be paid.
VD	Void Delete	Used to delete the "void/cancel" status on an issued item. Item becomes a valid issued check once again, and will be processed by the system if presented.

The following screen shows the Set Up / Positive Pay File generated from CMiC.







Bank Reconciliation Format

BMO HARRIS Bank

Output Option—Paid Item (Check) File: Format A

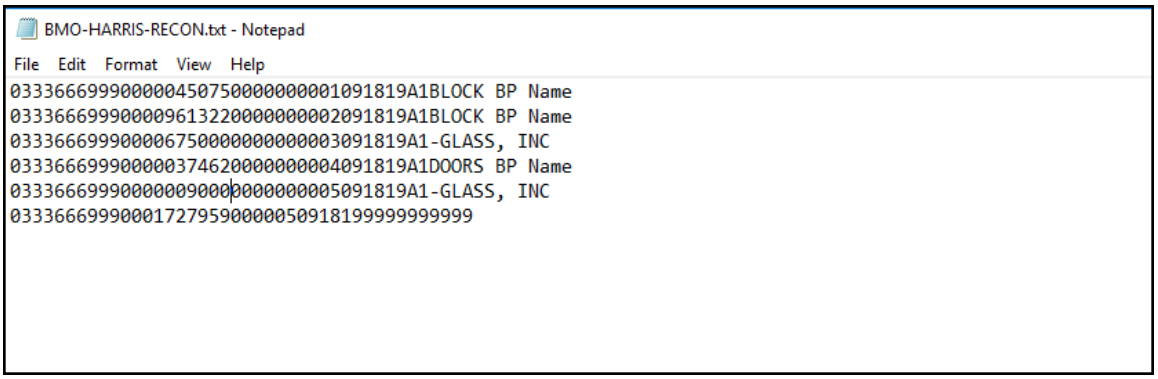
This format is used to communicate paid check transactions presented to the account during the cycle. Format A is the standard output file format for the checks paid file. Other checks paid file formats are available, so please confirm with your Treasury Management Implementation Specialist if you have any questions regarding which format to use.

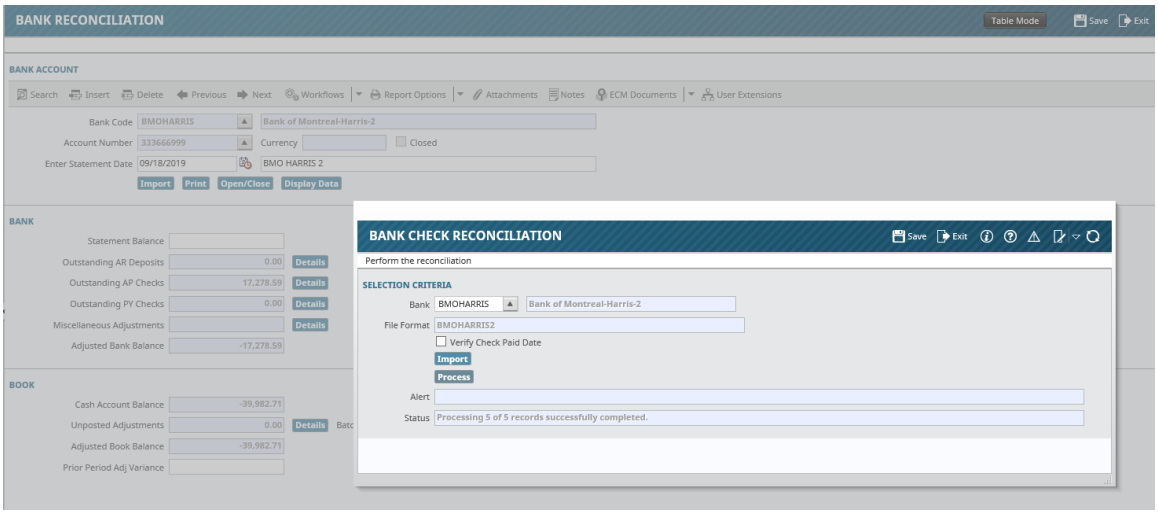
Detail and Trailer Record

Record Size	56	Record Format	Fixed width	Numeric Fields	Right justify and zero fill

Field		Positions	Length	Description
Detail Record	001	001 - 010	10	Account Number
	002	011 - 020	10	Check Amount
	003	021 - 030	10	Check Serial Number
	004	031 - 036	6	Date Paid (MMDDYY)
	005	037 - 056	20	Customer Information
Trailer Record	006	001 - 010	10	Account Number
	007	011 - 020	10	Total Amount
	008	021 -026	6	Total Item Count
	009	027 - 032	6	Processing Date (MMDDYY)
	010	033 - 042	10	Filler-Nines(9)
	011	043 -056	14	Filler-Blanks/Spaces

The following file from BMO HARRIS Bank is imported into CMiC and shows the successful reconciliation of the payments processed.





Pos Pay, ACH & Bank Recon. file formats for CITI Bank (19.70918)

Overview:

To create new ACH, Positive Pay and Bank Reconciliation file formats for CITI Bank.

Modifications:

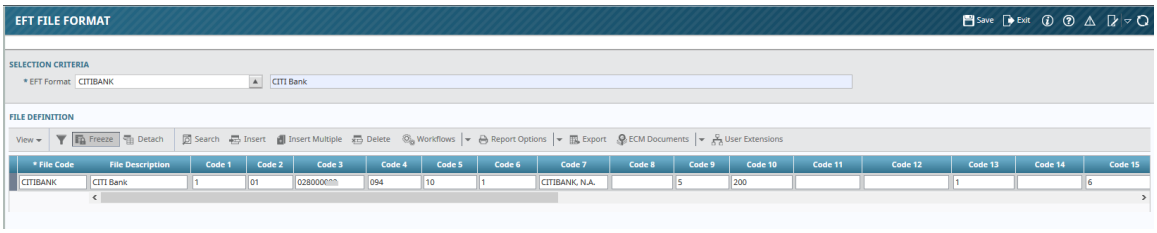
The following programs are modified to include CITI Bank in the ACH, positive pay file creation and the bank reconciliation programs

1. apchqprt.pb - Added new ACH format CITIBANK
2. appospay.pb - Added new Positive Pay format CITIBANK
3. GT_BACHKREC.pb - Added new Bank Reconciliation format CITIBANK

Users must setup necessary Banking Information for Citi Bank. The Payable entries must have the cash account associated with the Citi Bank.

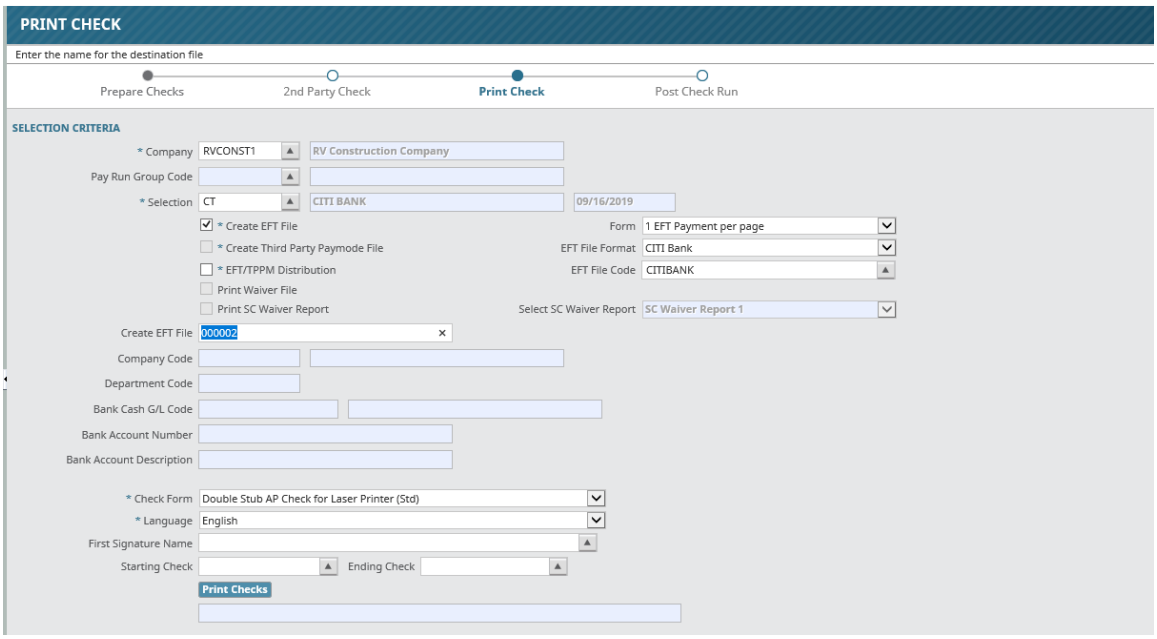
1. ACH File:

The following screen shows the ACH/EFT file format layout. The column fields must be updated by the user according to Banker's instruction.



Once a Payment selection is created using EFT Payments, Checks can be prepared using the same Payment Selection Code.

The following screen shows the check preparation and ACH/EFT file generation.



Financials>AP>Check>Print Check screen

Screenshot below shows the Generated EFT File:

000002.txt - Notepad

File Edit Format View Help

```
101 028000082141526341519091610l4A094101CITIBANK, N.A.         RV CONSTRUCTION COMPANY
5200RV CONSTRUCTION                    1415263415CCD         190916190916   1        0000001
6227777     78965           000002340190000002329    A1BLOCK BP NAME         1        0000001
705154                 desc                                                234.01 00010000001
6227777     78965           000033750090000002330    A1BLOCK BP NAME         1        0000002
705263                 1                                                 3,375.00 00010000002
6226688     96587           000001131790000002332    A1 CARPENTRY CO         1        0000003
705C899                Test                                                113.17 00010000003
6226688     96587           000114756790000002333    A1 CARPENTRY CO         1        0000004
705CAR1001             CAR1001                                          11,475.67 00010000004
6221234     858585          000011250090000002335    A1DOORS BP NAME         1        0000005
705D768                D                                                 1,125.00 00010000005
6221234     858585          000001000090000002336    A1DOORS BP NAME         1        0000006
70527594               27594                                               100.00 00010000006
6221234     858585          000010000090000002334    A1DOORS BP NAME         1        0000007
705D9001               D9001                                             1,000.00 00010000007
6226688     96587           000004104090000002331    A1 CARPENTRY CO         1        0000008
705745585              456                                                 410.40 00010000008
820000001600000393200000000000000000017833251415263415                             0000001
900000100000200000016000003932000000000000000001783325
```

The following file format shows the EFT specification document provided by CITI Bank.

ACH Format Specifications for Confirmation File Header Record

Field	Position	Length	Contents	Data Element Name/Comments
1	01-01	1	1	Record Type Code
2	02-03	2	01	
3	04-13	10	bTTTTAAAAC	Immediate Destination *See Note #1*
4	14-23	10	bTTTTAAAAC	Immediate Origin *Note #2*
5	24-29	6	YYMMDD	File Creation Date
6	30-33	4	HHMM	File Creation Time
7	34-34	1	Upper Case A-Z; Numeric 0-9	File I.D. Modifiers *See Note #3*
8	35-37	3	094	Record Size
9	38-39	2	10	Blocking Factor
10	40-40	1	1	Format Code
11	41-63	23	Alphanumeric	Immediate Destination *See Note #4*
12	64-86	23	Alphanumeric	Immediate Origin Name *See Note #5*
13	87-94	8	Alphanumeric	Reference Code

ACH Format Specifications for Confirmation File Batch Header Record

Field	Position	Length	Contents	Data Element Name/Comments
1	01-01	1	5	Record Type Code
2	02-04	3	200	Service Class Code
3	05-20	16	Alphanumeric	Company Name of Batch *See Note #1*
4	21-40	20	Alphanumeric	Company Discretionary Data *See Note #2*
5	41-50	10	nnnnnnnnnn	Company Identification *See Note #3*
6	51-53	3	Alphanumeric	Standard Entry Class *See Note #4*
7	54-63	10	Alphanumeric	Company Entry Description *See Note #5*
8	64-69	6	Alphanumeric	Company Descriptive Date
9	70-75	6	YYMMDD	Effective Entry Data *See Note #6*
10	76-78	3	Blank	Settlement Date/Inserted by ACH Operator
11	79-79	1	1	Originator Status Code
12	80-87	8	TTTTAAAA	Originating DFI *See Note #7*
13	88-94	7	Numeric	Batch Number/Incremental

ACH Format Specifications for Confirmation File Detail Record

Field	Position	Length	Contents	Data Element Name/Comments
1	01-01	1	6	Record Type Code
2	02-03	2	Numeric	Transaction Code *See Note #1*
3	04-11	8	Alphanumeric	Receiving DFI/ID *See Note #2*
4	12-12	1	Numeric	Check Digit/Ninth Digit of T/R#
5	13-29	17	Alphanumeric	DFI Account Number *See Note #3*
6	30-39	10	$$$$$$$$cc	Amount/Decimal Point Assumed
7	40-54	15	Alphanumeric	Individual I.D. Number
8	55-76	22	Alphanumeric	Individual Name
9	77-78	2	Blank	Discretionary Data
10	79-79	1	Numeric	Addenda Record Indicator *See Note #4*
11	80-94	15	Numeric	Trace Number *See Note #5*

ACH Format Specifications for Confirmation File Addenda Record

Field	Position	Length	Contents	Data Element Name/Comments
1	01-01	1	7	Record Type Code
2	02-79	78	Alphanumeric	*See Note #1*
3	80-94	15	Alphanumeric	*See Note #2*

ACH Format Specifications for Confirmation File Batch Control/ Trailer Record

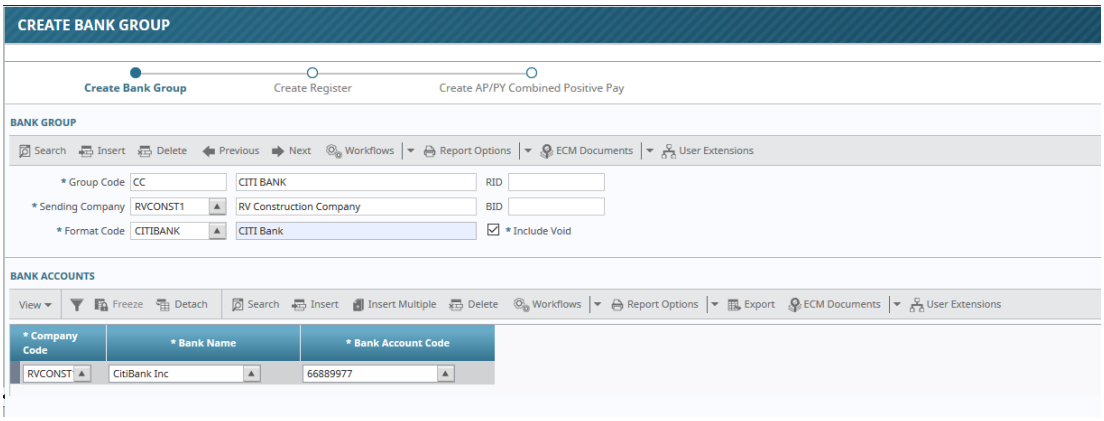
Field	Position	Length	Contents	Data Element Name/Comments
1	01-01	1	8'	Record Type Code
2	02-04	3	Numeric	Service Class Code
3	05-10	6	Numeric	Entry/Addenda Count
4	11-20	10	Numeric	Entry Hash
5	21-32	12	$$$$$$$cc	Total Debit Entry Dollar Amount in batch
6	33-44	12	$$$$$$$cc	Total Credit Entry Dollar Amount in batch
7	45-54	10	Alphanumeric	Company Identification
8	55-73	19	Alphanumeric	Message Authentication Code
9	74-79	6	Blank	Reserved
10	80-87	8	TTTTAAAA	Originating DFI ID *See Note #1*
11	88-94	7	Numeric	Batch Number/Incremental

ACH Format Specifications for Confirmation File Control/Trailer Record

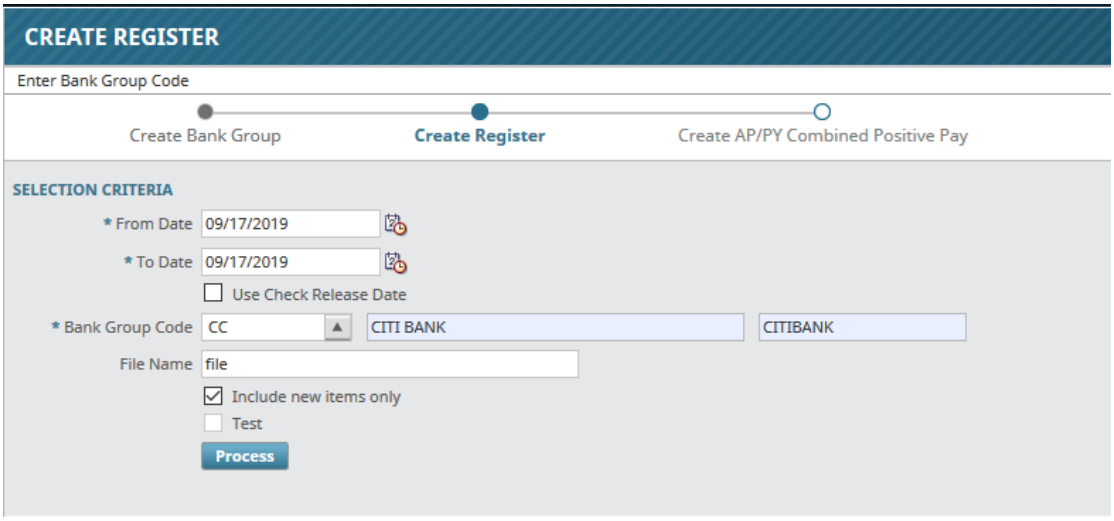
Field	Position	Length	Contents	Data Element Name/Comments
1	01-01	1	9	Record Type Code
2	02-07	6	Numeric	Batch Count
3	08-13	6	Numeric	Block Count
4	14-21	8	Numeric	Entry/Addenda Count
5	22-31	10	Numeric	Entry Hash
6	32-43	12	$$$$$$$$cc	Total Debit Entry Dollar Amount in File
7	44-55	12	$$$$$$$$cc	Total Credit Entry Dollar Amount in File
8	56-94	39	Blank	Reserved

2. Positive Pay File:

The following screens show the positive pay file format layout.



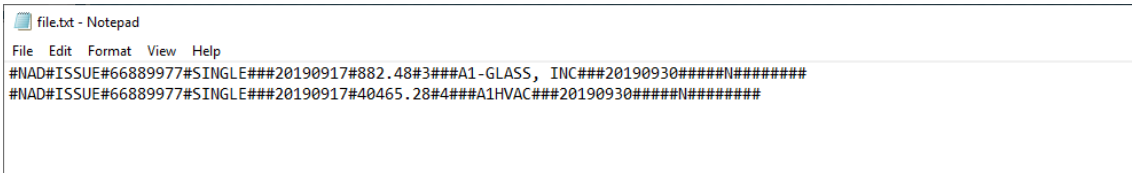
Financials>AP>Check>Positive Pay Register screen– TRAIN (Create Bank Group)



Financials>AP>Check>Positive Pay Register screen – TRAIN (Create Register)

Users have to Select the From & To Date, the Bank Group Code (CC in this case), and the File name and press [Process].

The following screen shows the Positive Pay file generated.



The following file format shows the Positive Pay specification document provided by CITI Bank.

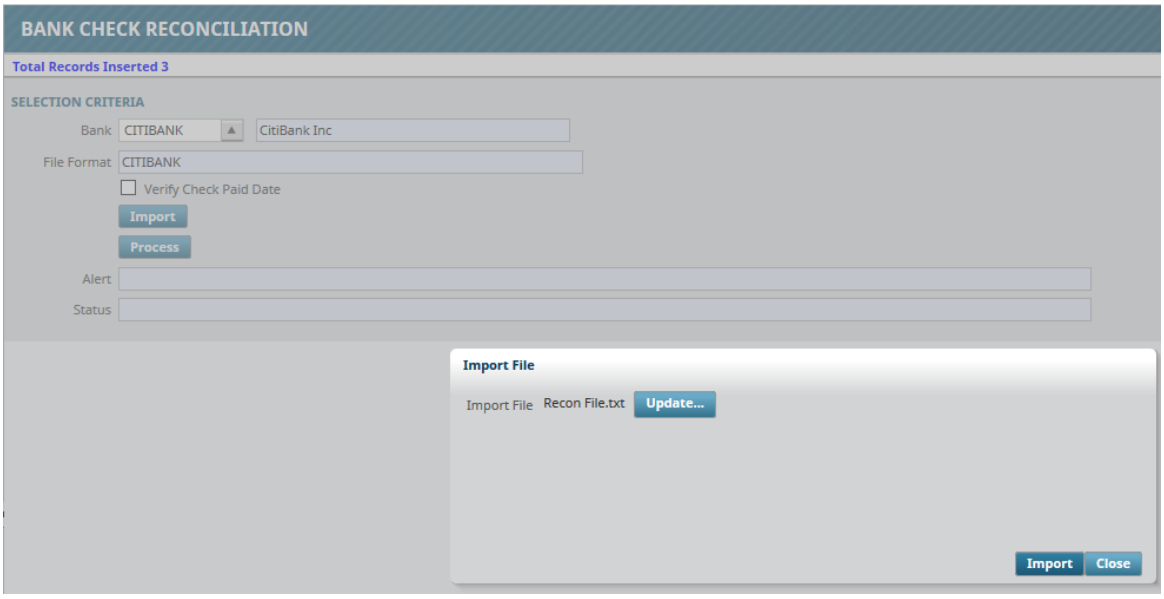
M/O/N Legend: M = Mandatory, O = Optional, N = Not used/Not applicable (do not use)
Note – Fields with no value and Place Holder fields must be delimited with a # symbol if any subsequent field contains data

Field Seq.	CitiDirect Field Name	M/O/N	Max Field Size/Type	Business Rules
1	Placeholder	M	-	Field must be delimited by a # symbol
2	Payment Method	M	3X	Value "NAD" should be passed. This field will not be mapped.
3	Service Request Type	M	5X	Applicable values are: STOP – Stop Check ISSUE – Add Issuance VOID – Void Issuance
4	Account Number	M	10X	
5	Single / Range	M	6X	Default “SINGLE”
6	Account Currency	N	3X	Customer need not pass value for this field. It will be augmented based on the account number.
7	Account Name	N	35X	Customer need not pass value for this field. It will be augmented based on the account number.
8	Issue date	M	8X	Mandatory & Applicable for Add Issuance. Format: YYYYMMDD
9	Check Amount	M	9.2X	Mandatory & Applicable for Add Issuance & Stop Check. Length will be up to 8.2. If length of the amount field exceeds 8.2, L2 error.
10	Check serial number	M	12X	Mandatory for NA Disbursements - Add Issuance, Void Issuance & Stop Check. Length will be supported up to 12X.
11	Plan Number	O	10X	Applicable only for Add Issuance.
12	Additional Data	O	45X	Applicable only for Add Issuance. Length will be supported up to 30X. Otherwise, L2 error.
13	Issued Payee Name 1	O	60X	Applicable only for Add Issuance.
14	Issued Payee Name 2	O	60X	Applicable only for Add Issuance.
15	FSI	O	5X	Not applicable
16	Rule-off Date	M	8X	Applicable only for Add Issuance. Format: YYYYMMDD Convert to Date rule apply
17	Placeholder	O	1x	
18	Placeholder	O	35x	
19	Placeholder	O	5x	
20	Stop	N	1X	Not applicable
21	Void Date	O	1X	Applicable ONLY for Void Issuance. Applicable values are "Y" & "N". Default = N.
22	Placeholder	O	12X	
23	Placeholder	O	35X	
24	Cents Compare	O	1X	Applicable only for Stop Check. Applicable values are "Y" & "N". Default = Y
25	Void	O	1X	Applicable only for Stop Check. Applicable values are "Y" & "N". Default = N
26	Placeholder	O	1X	
27	Comments	O	50X	Applicable only for Stop Check.
28	Payee	O	25X	Applicable only for Stop Check.

```
#NAD#ISSUE#38822465#SINGLE###20101215#111.11#147258###DONALD THE DUCK#FLORIDA##20101231############ End of File
```

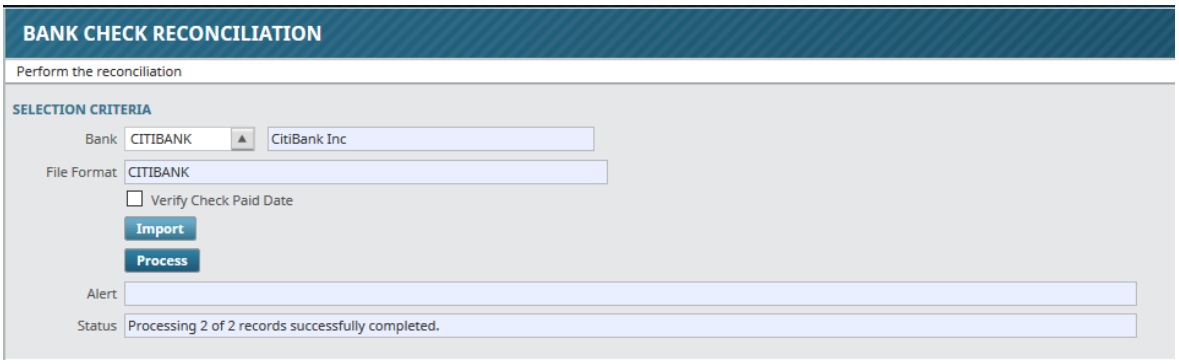
3. Bank Reconciliation

The following screen shows importing the Reconciliation file



System>Global Tables>Banking>Electronic Reconciliation>Bank Reconciliation

The following screen shows the processing of Recon File.



System>Global Tables>Banking>Electronic Reconciliation>Bank Reconciliation

The following screen shows the Reconciliation File.



The above Reconciliation File created follows the Bank specification documentation as shown below.

Record Length 80

ACCOUNT DETAIL RECORD

Field	Start	Size	Contents	Comments
1	01	02	Space Fill	
2	03	10	Check Number	Right justified, zero filled
3	13	05	Space Fill	
4	18	10	Account Number	Right justified, zero filled
5	28	11	Check Amount	Right justified, zero filled
6	39	06	Paid Date	MMDDYY
7	45	01	Output Constant	P = Paid O = Outstanding S = Stop M = Match Paid V = Voids W = PWI's
8	46	06	Issue Date	MMDDYY
9	52	29	Space Fill	

Note: The standard file contains only one type of output and one bank account.
If you would like to receive more than one type of output (i.e. Match Paid and Outstanding) or if you would like to receive more then one bank account on a single transmission file, then this will require the need for programming by Citi.

TRAILER RECORD

Field	Start	Size	Contents	Comments
1	01	01	Trailer Indicator	'T' For a Single account OR 'T' & 'F' for Multi account
2	02	10	Trailer Item Count	Count of all detail records. Right justified, zero filled
3	12	11	Trailer Amount	Sum of all detail records. Right justified, zero filled
4	23	58	Space Fill	

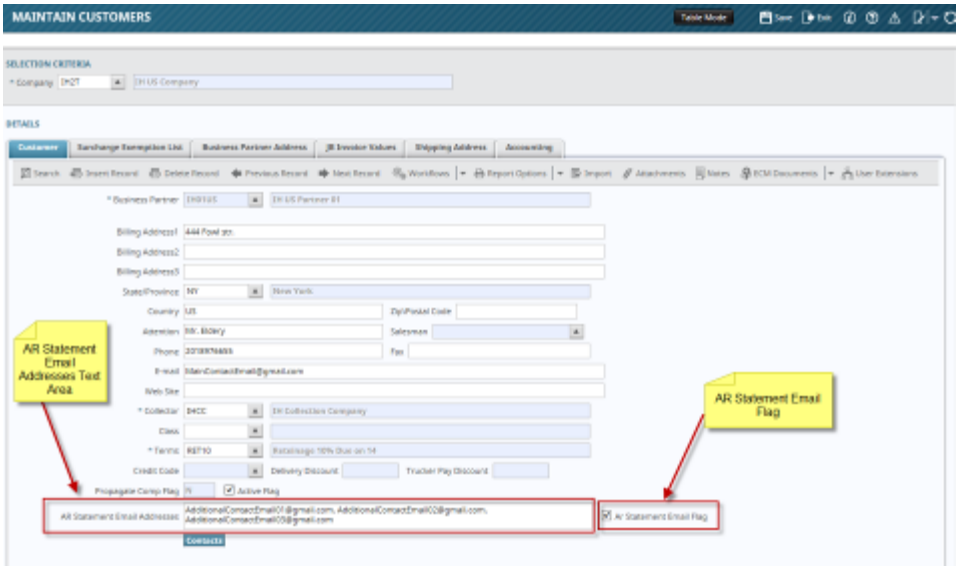
Note: Trailer records and format deviations are not part of our standard file layout, however can be accommodated per request. This will require the need for programming by Citi.

Accounts Receivable

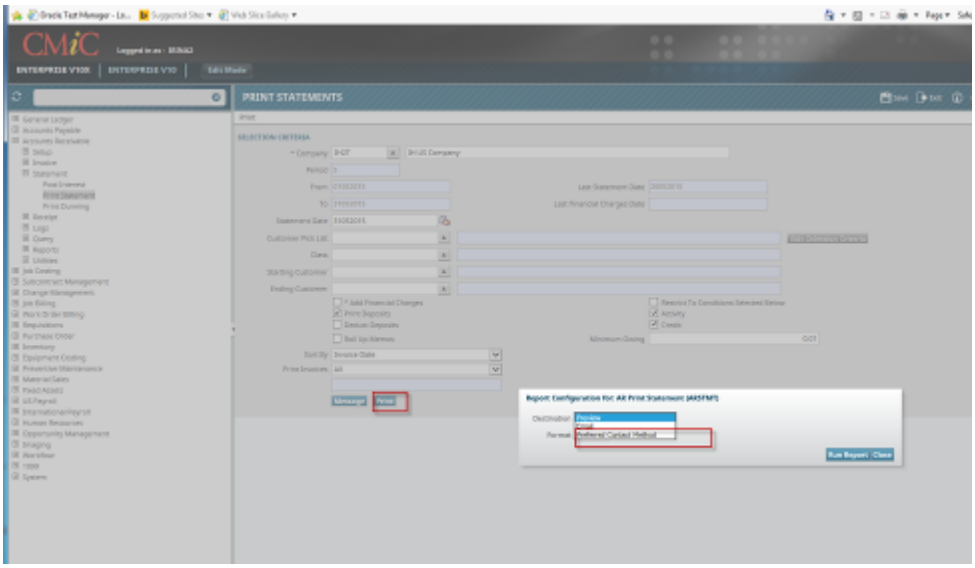
Send AR Statements to multiple customers at once (15.05946)

In addition to the existing E-mail field on the Maintain Customers screen CMiC has added two new fields: Check Box “AR Statement Email Flag” and Text Area “AR Statement Email Addresses” that is used to for entering multiple email addresses (coma separated).

These two fields are analyzed and used by the system when the user chooses to send the AR Statement to multiple email addresses at once.



The additional option Preferred Contact Method has been added to Destination Drop-Down Menu on “Report Configuration for: AR Print Statement (ARSTMT)” for Print Statement screen:

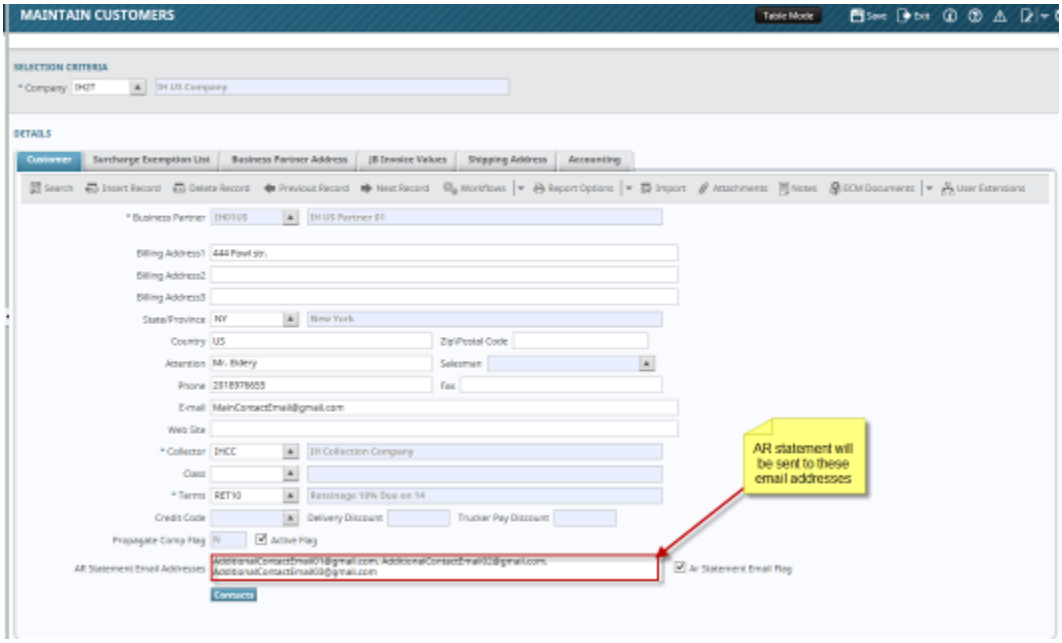


New Functionality

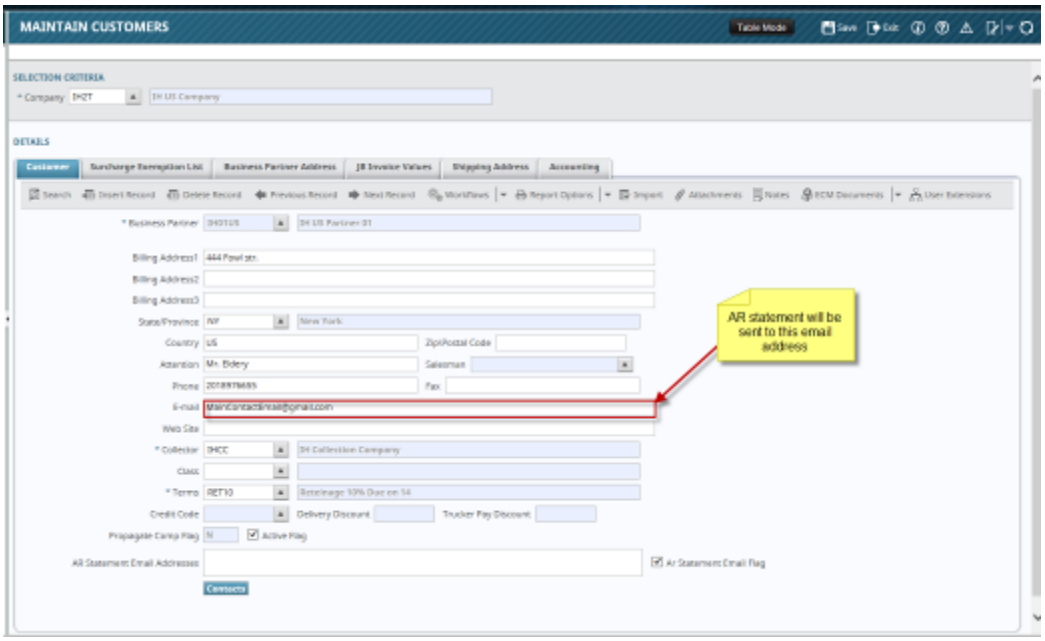
When the user presses [Print] button on the Account Receivable -> Statement -> Print Statement screen, the "Report Configuration for: AR Print Statement (ARSTMT)" pop-up window appears. In order to use new email functionality the user should select "Preferred Contact Method" option from the Destination Drop-Down menu and press [Run Report] button.

The system will analyze the "AR Statement Email Flag" from the Account Receivable -> Setup -> Maintain Customers screen:

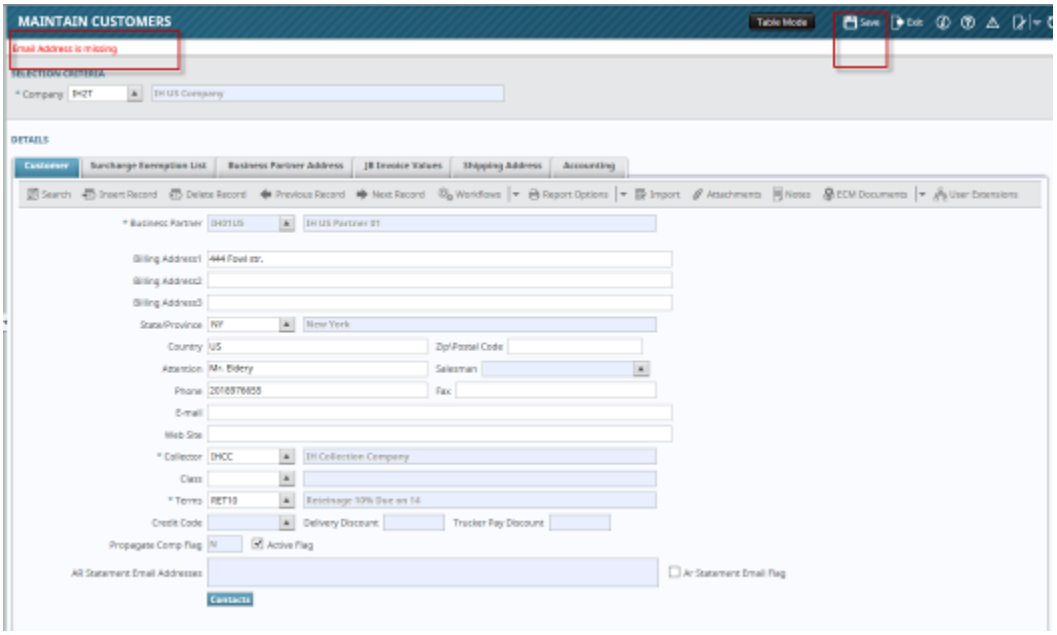
If the Flag is checked and the Text Area is not empty, the statement will be sent to the email addresses located the Text Area; the email address in the E-mail field will be ignored:



If the Flag is checked and the Text Area is empty the statement will be sent to the address located in the E-mail field:



If the Flag is checked and both Text Area and E-mail the user will not be able to save this information: the system will raise the error after the user presses [**Save**] button.



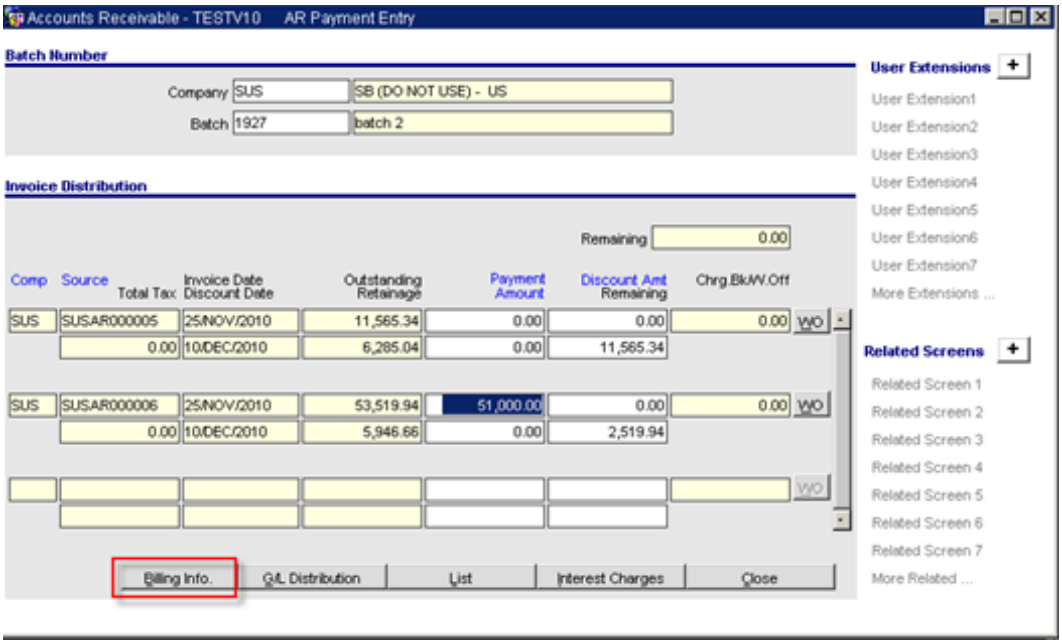
If the Flag is not checked the system will print AR statement in regular fashion.

Cash Receipt at Bill Code level (10.48761)

Made changes to show Billing Information on the AR Cash Receipt screen for any applicable lines.

When the user clicks the [**Invoice**] button, the Invoice Distribution screen is displayed.

Clicking the [**List**] button will show any invoices associated with the customer. When the invoices are pulled in, the **[Billing Info.]** button will be enabled for any invoices that are Job Billing invoices:



Click the [**Billing Info**] button to see the job billing amounts for the invoice.

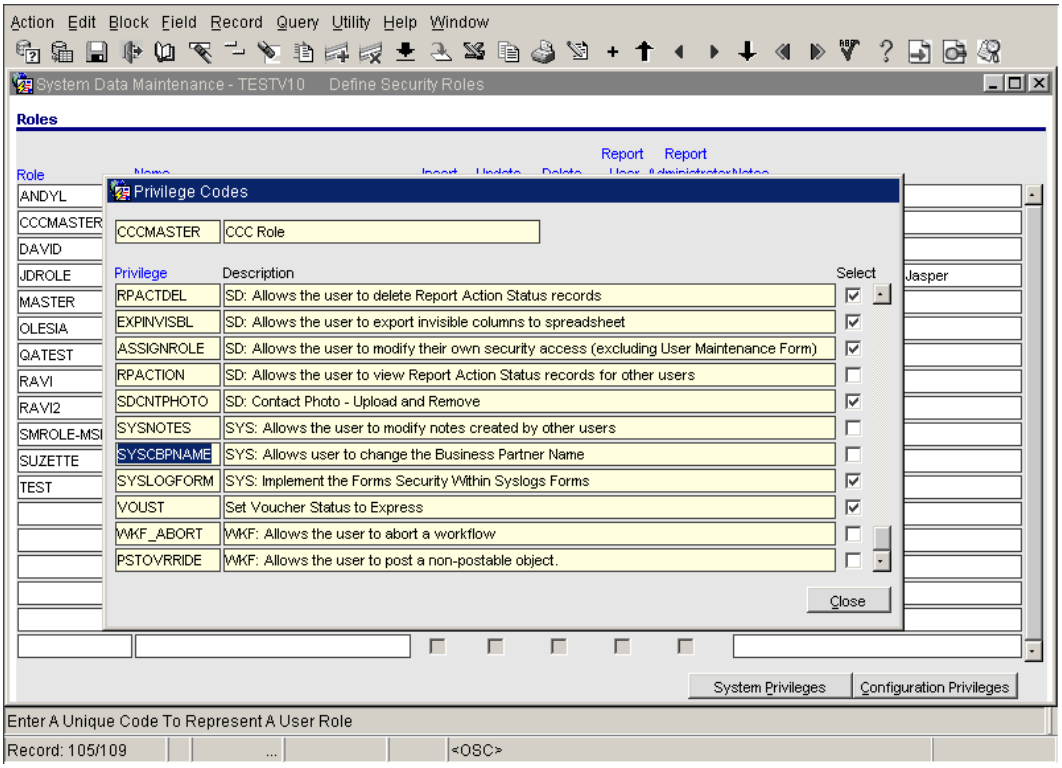
The Payment Amount is distributed to the Billcodes from top to bottom, to the extent of the Outstanding Amount that can be covered.

AR Invoice Payment History By Job (11.55908)

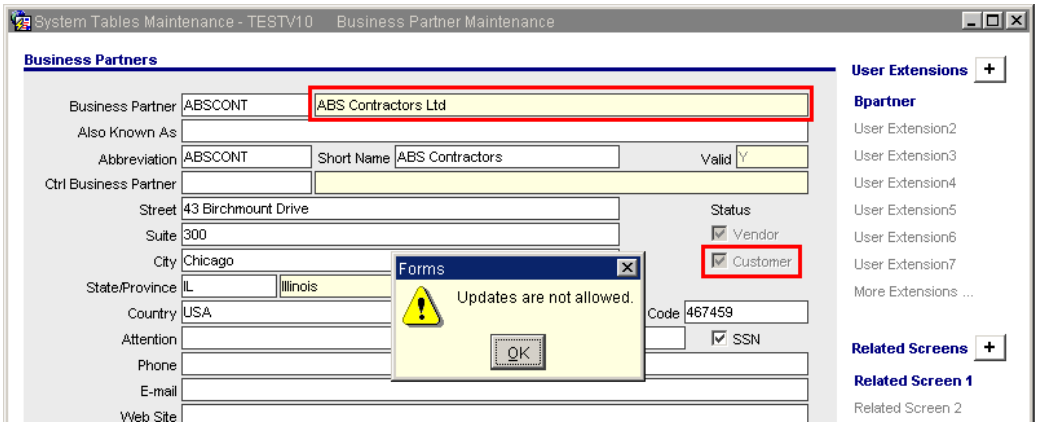
Added new option under reports AR Invoice Payment History by Job. This is a report similar to CMiC's AR Billing & Payment Status Report. The following are the changes:

- Removed Date Due info.,
- Added check #,
- Changed Outstanding Amount to read Balance Due.
- Requisition is Draw #.
- The report is only run for active jobs.

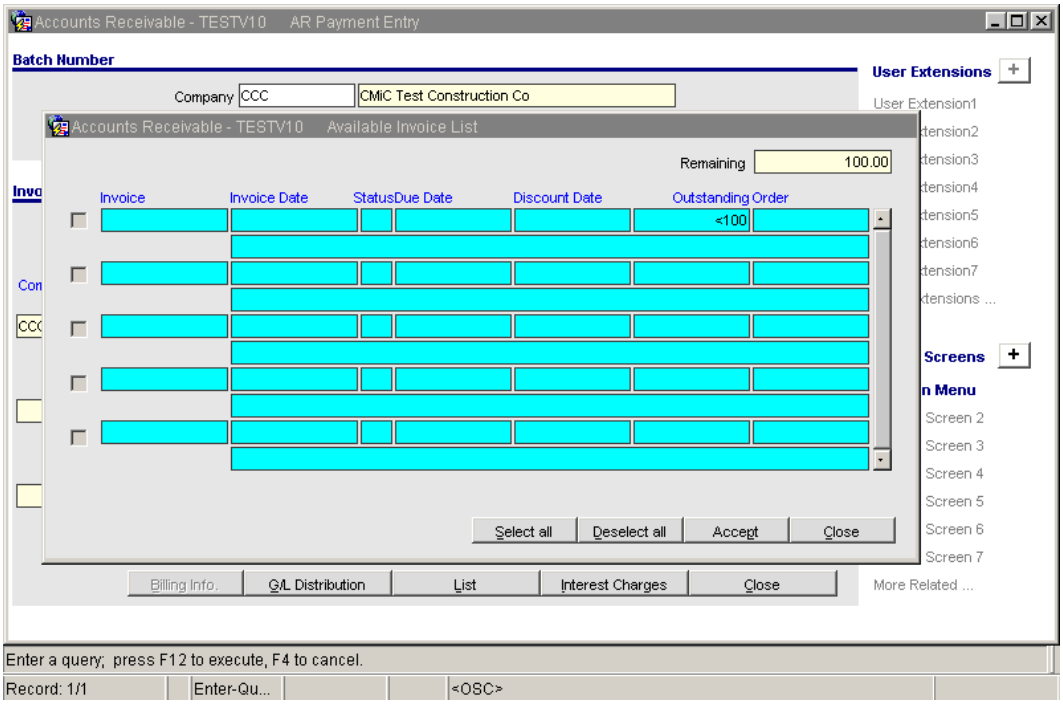
Restrict ability to change Business Partner name (11.55363)



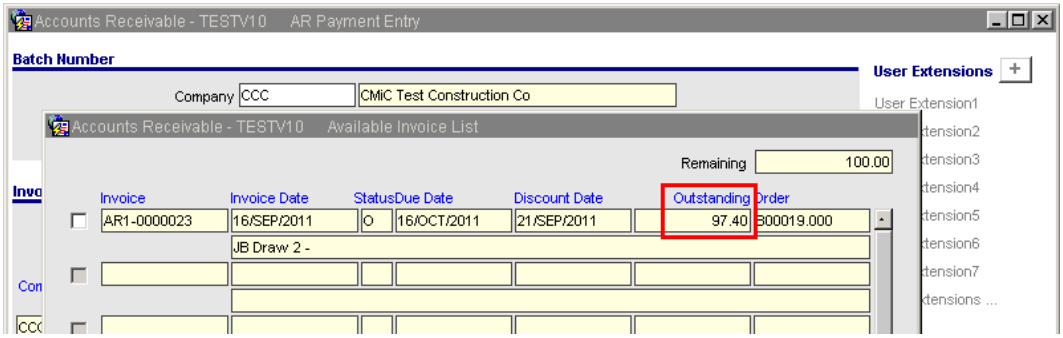
A privilege SYSCBPNAME is added to the privilege codes in system tables. Users will not be allowed to update the business partner name, when the business partner is defined as a customer in one or more companies. The default is un-checked. Only those users, with this privilege checked, will be allowed to update all business partner names. These changes effect enterprise forms only. The Opportunity Management and Project Management (JSP) applications continue to have the existing functionality.

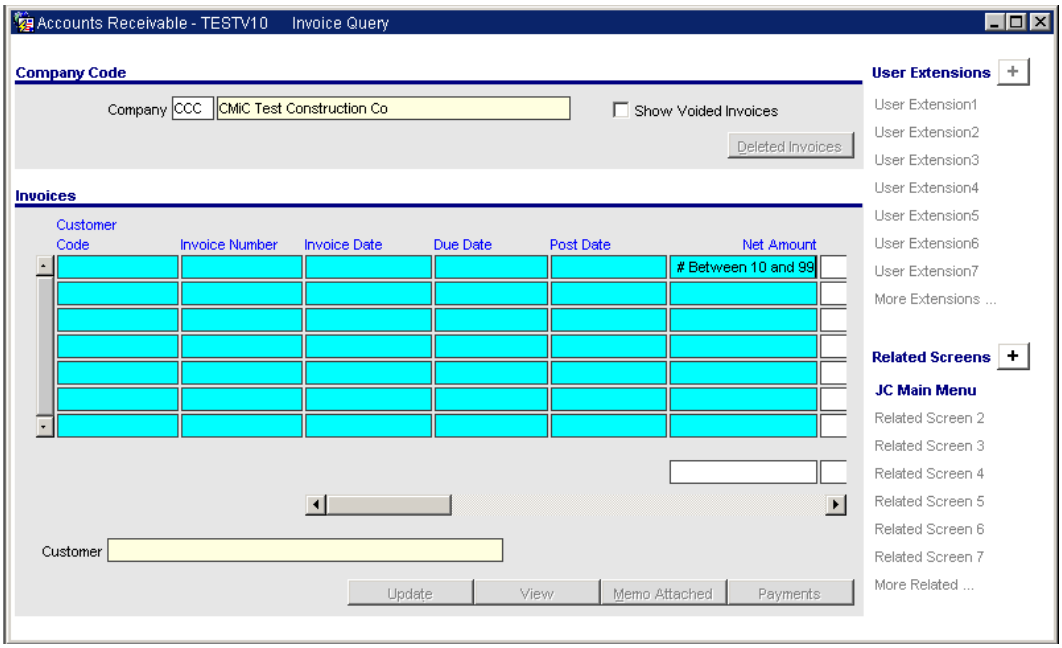


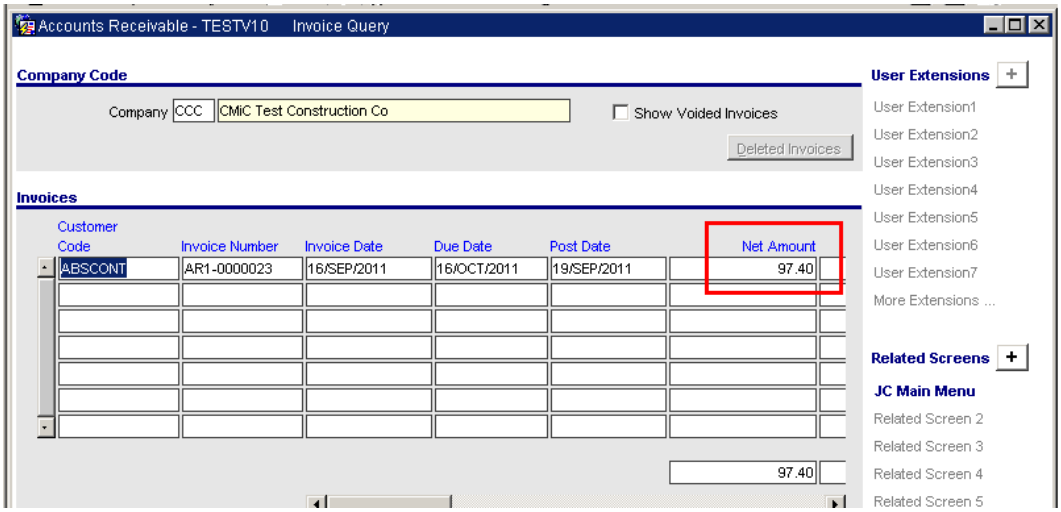
Receipt Entry & Invoice Query: Query by Amounts (11.60917)



Functionality in AR payments entry screen and AR Invoice Query screen to search by outstanding amounts. Also ability to do a dollar amount range search is incorporated with this modification.





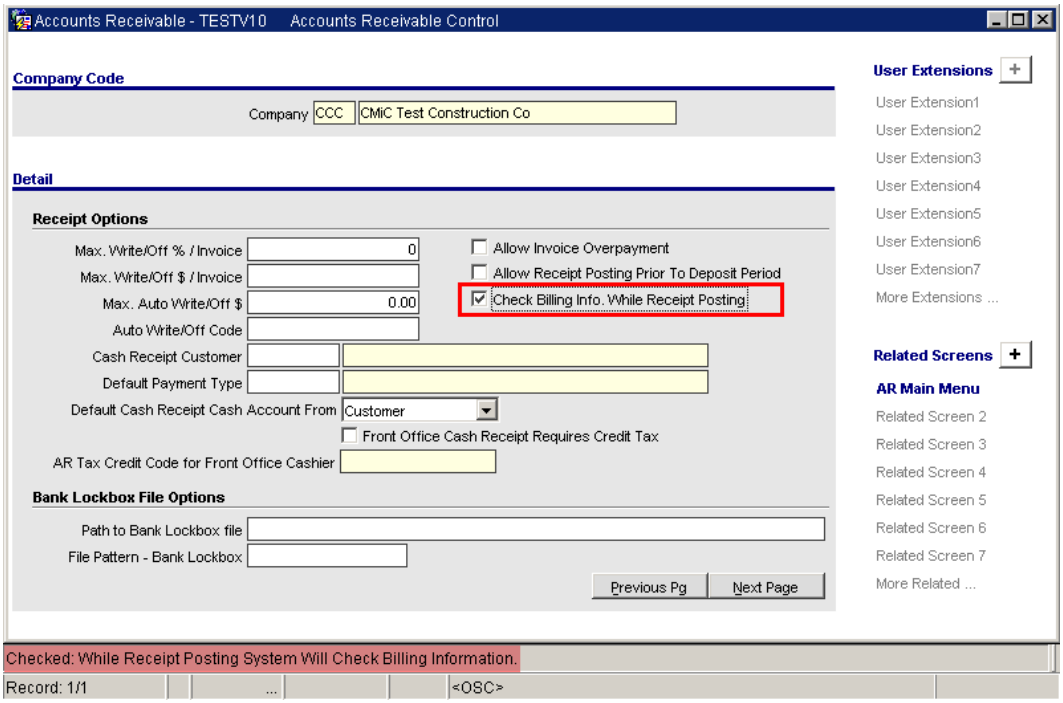


The following columns are available for query by amount or amount range:

- Net Amount and Outstanding Amount in Invoice Query screen
- Outstanding Amount in Available Invoice List Screen

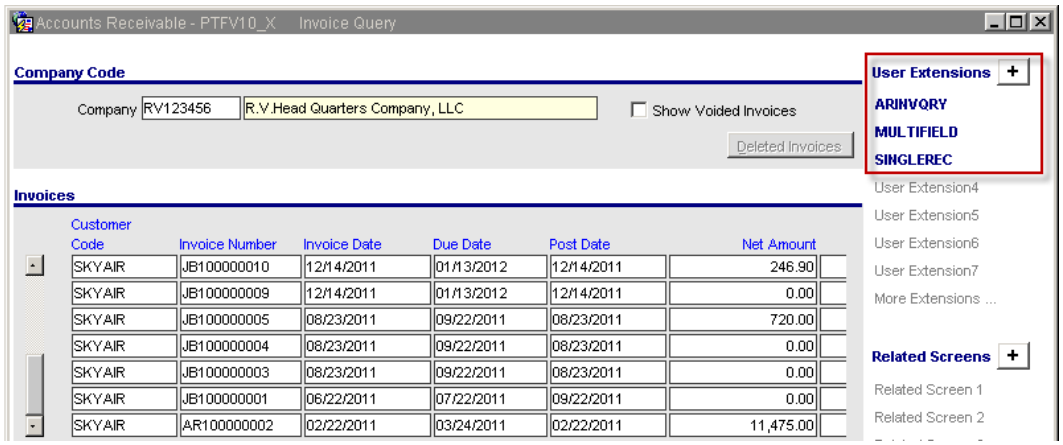
To query these items, click on the field in **query mode** and type the condition for search.

Check the Billing Info during Receipt Posting (11.63601)



The AR Control is modified with the addition of a check box '**Check Billing Info. While Receipt Posting**'. The default is un-checked. When checked, posting program would validate for billing information and if not found a valid message is issued and posting is rolled back. In order to successfully post the Payment Receipt, users have to re-visit the receipt entry batches and create necessary billing information.

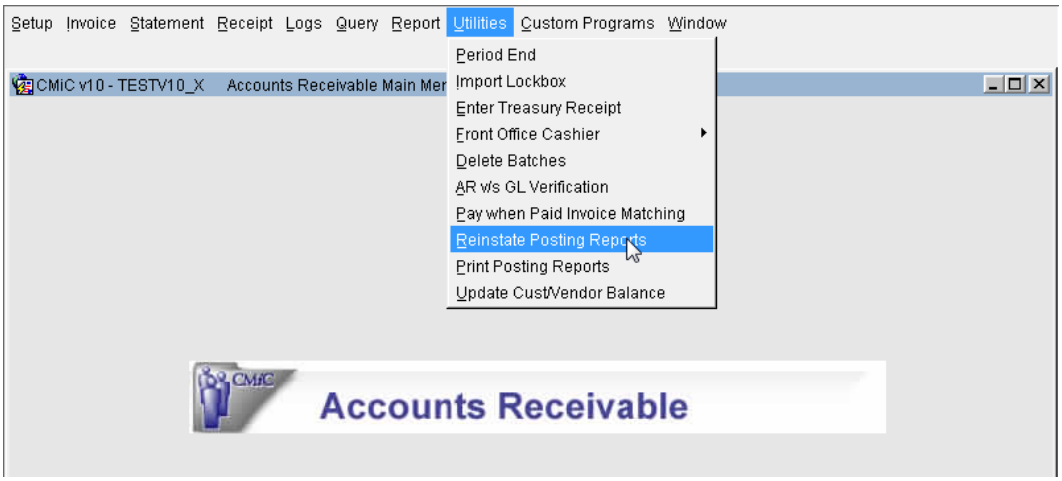
AR Invoice Query – User Extension Functionality (12.75080) Re-instated



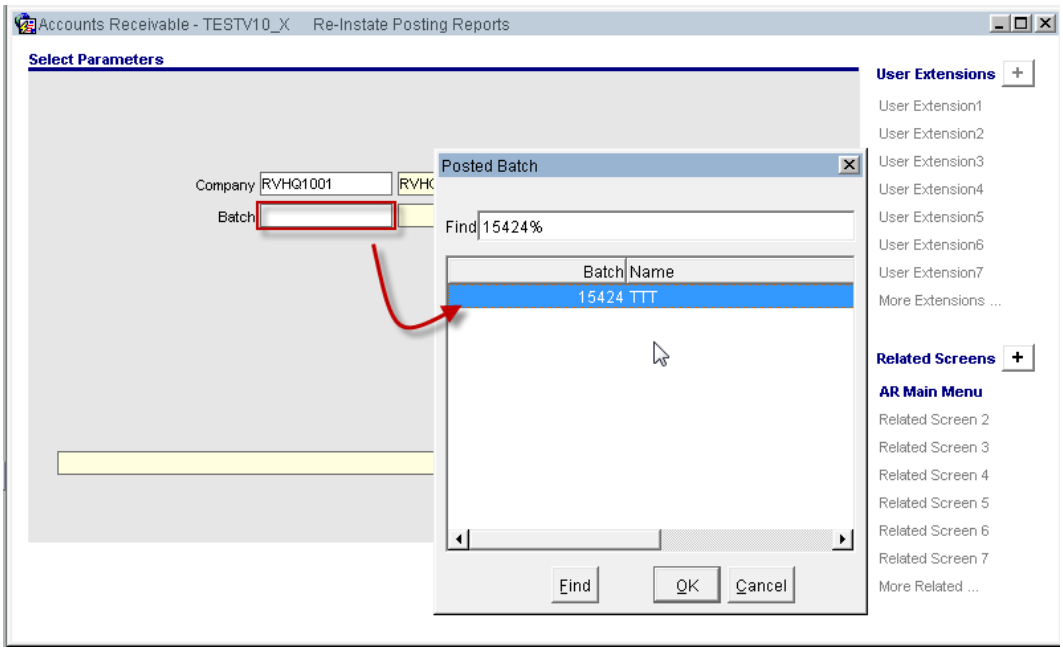
User Extensions functionality is re-instated in AR Invoice Query Form.

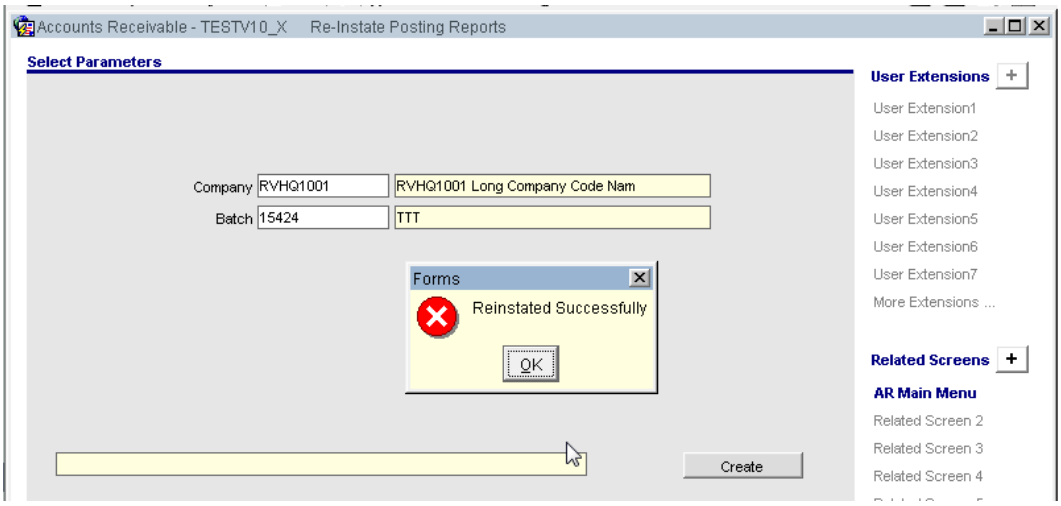
Re-Instate Posting Reports Utility (12.75237)

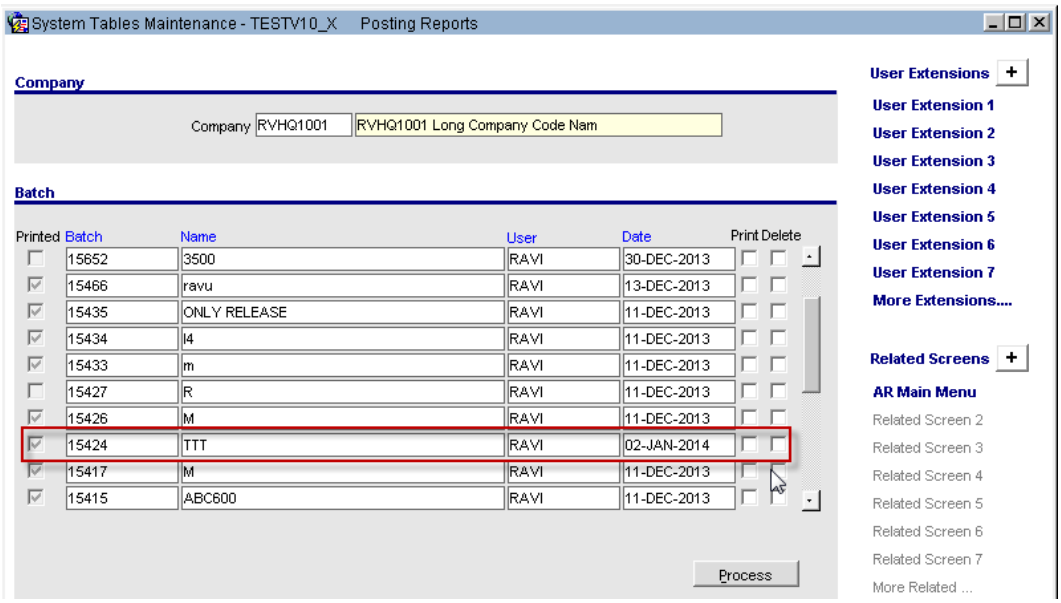
The AR > Utility menu is added with the 'Reinstate Posting Reports' menu. This is a standard CMiC utility that allows users to re-instate the posting reports, if they are found missing in the 'Print Posting Reports' utility for reasons such as network disconnection before the action is completed, etc.



AR Menu > Utilities > Reinstate Posting Reports (armisbch.fmx)





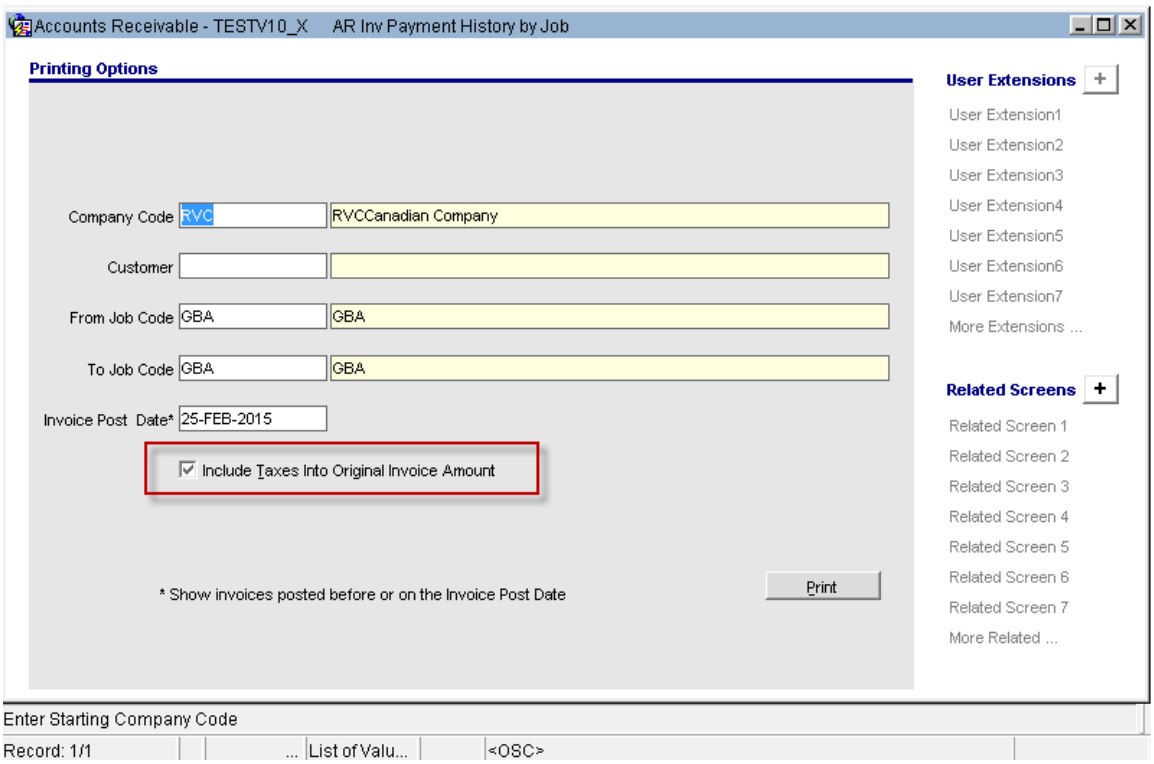


The above screen shows the batch number is re-instated and available for re-printing again.

NOTE: The program can be called from the tree view menu as well.

AR Invoice Payment History by Job Report- Flag to add taxes to invoice amount (14.96770)

A flag is added to the 'AR Invoice Payment history by job Screen' to provide a functionality to add taxes to the invoice amount in the report.



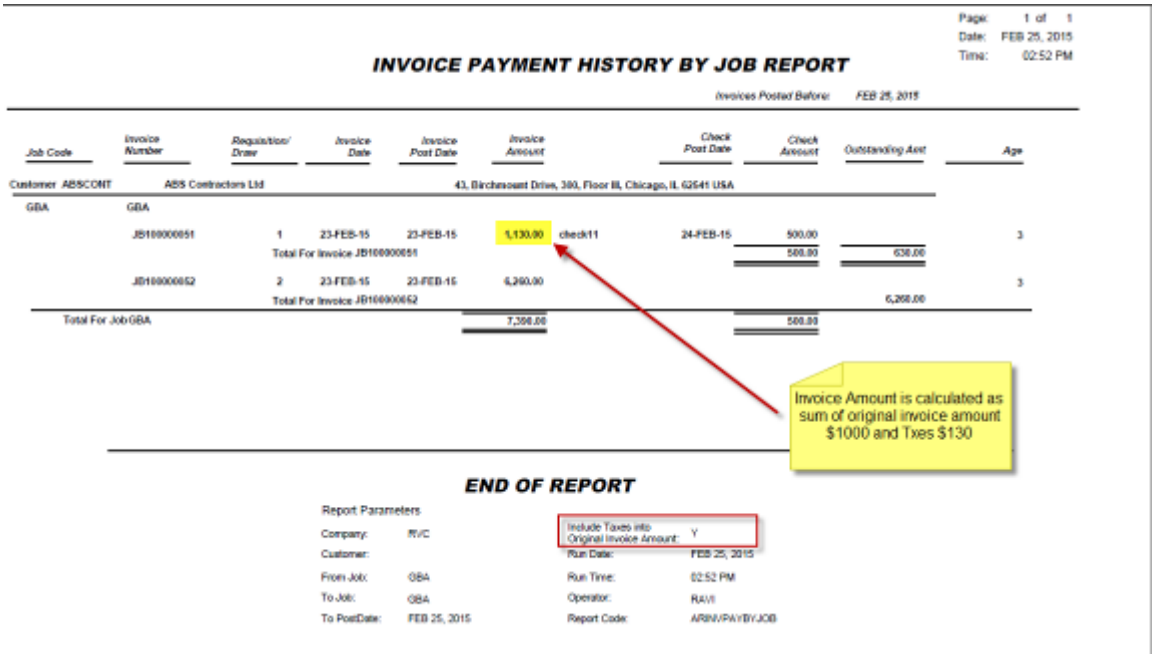
AR Invoice Payment history by job Screen (arinvpaybyjob.fmx)

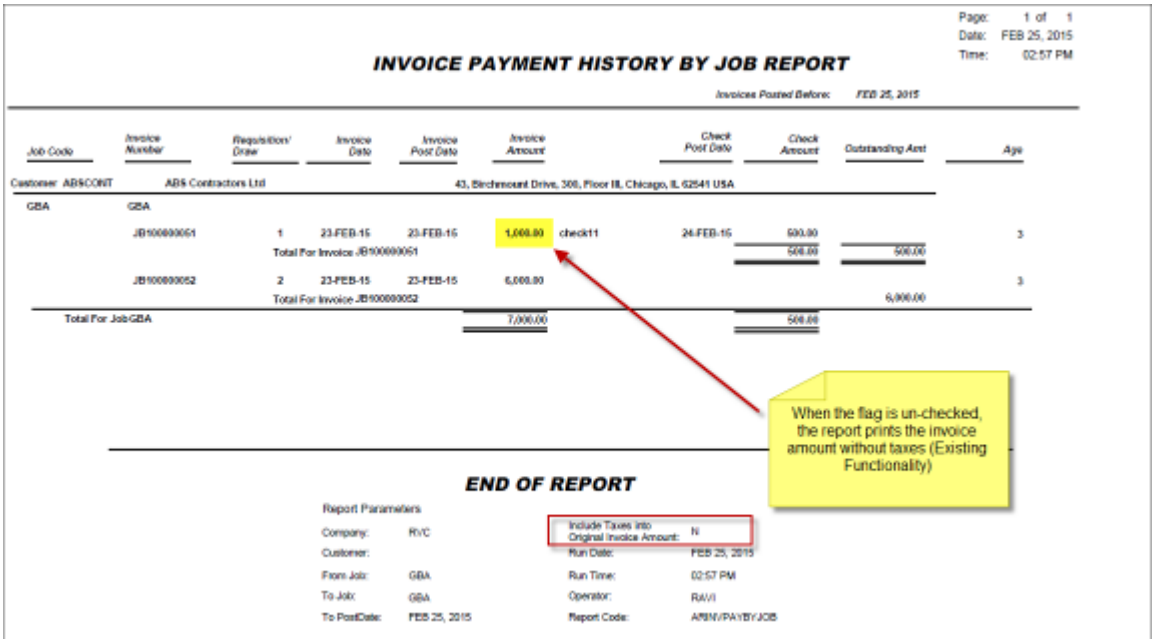
Modification:

A flag 'Include Taxes in Original Invoice Amount' is added to AR Inv Payment history by job parameter screen. The default value of this flag is set as 'N' and the report prints the invoice amount excluding taxes, which is the existing functionality.

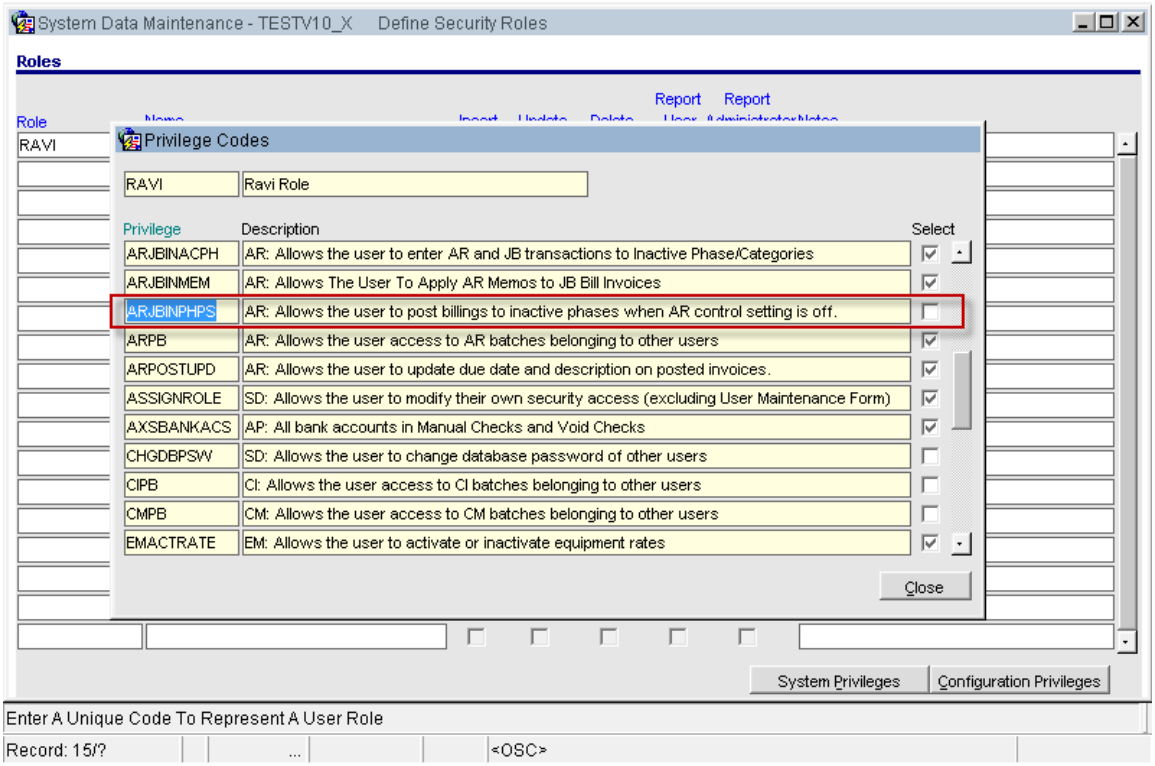
When set as 'Y', the report prints with the invoice amount including taxes.

For Example, the following screen shows the report with credit taxes included in the invoice amount.


Page: 1 of 1
Date: FEB 25, 2015
Time: 02:52 PM
INVOICE PAYMENT HISTORY BY JOB REPORT
Invoices Posted Before: FEB 25, 2015
Job Code
Invoice Number
Requisition/ Draw
Invoice Date
Invoice Post Date
Invoice Amount
Check Post Date
Check Amount
Outstanding Amt
Age
Customer ABSCONT ABS Contractors Ltd 43, Birchmount Drive, 300, Floor III, Chicago, IL 62641 USA
GBA GBA
JB100000051 1 23-FEB-15 23-FEB-15 1,130.00 check11 24-FEB-15 500.00 630.00 3
Total For Invoice JB100000051 500.00
JB100000052 2 23-FEB-15 23-FEB-15 6,260.00 3
Total For Invoice JB100000052 6,260.00
Total For Job GBA 7,390.00 500.00
Invoice Amount is calculated as sum of original invoice amount $1000 and Txes $130
END OF REPORT
Report Parameters
Company: RVC
Customer:
From Job: GBA
To Job: GBA
To PostDate: FEB 25, 2015
Include Taxes into Original Invoice Amount: Y
Run Date: FEB 25, 2015
Run Time: 02:52 PM
Operator: RAVI
Report Code: ARINVPAYBYJOB


Page: 1 of 1
Date: FEB 25, 2015
Time: 02:57 PM
INVOICE PAYMENT HISTORY BY JOB REPORT
Invoices Posted Before: FEB 25, 2015
Job Code
Invoice Number
Requisition/ Draw
Invoice Date
Invoice Post Date
Invoice Amount
Check Post Date
Check Amount
Outstanding Amt
Age
Customer ABSCONT ABS Contractors Ltd 43, Birchmount Drive, 300, Floor III, Chicago, IL 62641 USA
GBA GBA
JB100000051 1 23-FEB-15 23-FEB-15 1,000.00 check11 24-FEB-15 500.00 500.00 3
Total For Invoice JB100000051 500.00
JB100000052 2 23-FEB-15 23-FEB-15 6,000.00 3
Total For Invoice JB100000052 6,000.00
Total For Job GBA 7,000.00 500.00
When the flag is un-checked, the report prints the invoice amount without taxes (Existing Functionality)
END OF REPORT
Report Parameters
Company: RVC
Customer:
From Job: GBA
To Job: GBA
To PostDate: FEB 25, 2015
Include Taxes into Original Invoice Amount: N
Run Date: FEB 25, 2015
Run Time: 02:57 PM
Operator: RAVI
Report Code: ARINVPAYBYJOB

Privilege to post to in-active phases during AR/JB invoice posting (15.00997)



System > Role Maintenance > System Privileges

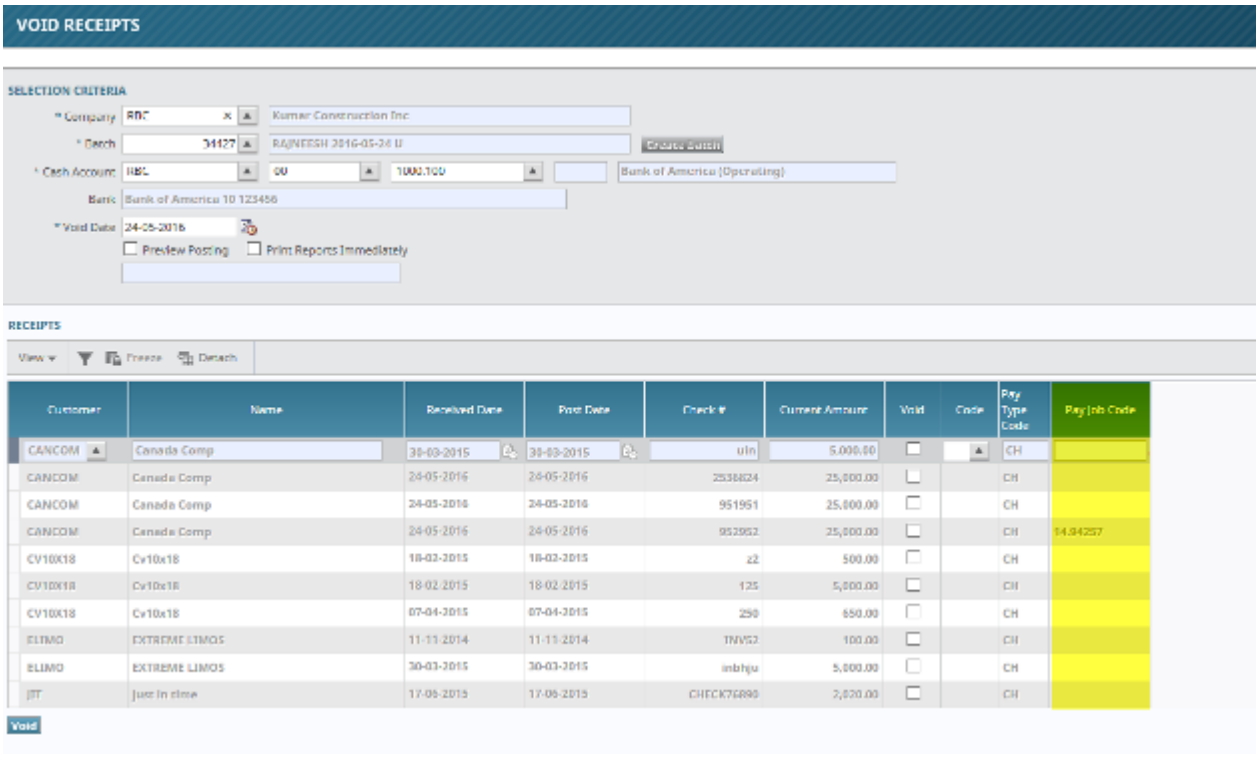
A privilege 'ARJBINPHPS' is added to the system and the default value is un-checked.

When AR Control flag ‘Allow posting to Inactive phases / Categories’ is un-checked (set as ‘N’), then during AR / JB Invoice posting, the program checks for the user level privilege 'ARJBINPHPS' and if checked, allows to post to in-active phases/categories.

NOTE: This privilege takes effect, only when the AR Control flag ‘Allow posting to Inactive phases / Categories’ is un-checked (Set as ‘N’).

Added New Column on AR Void Receipt Screen (16.19648)

New column “Pay Job Code” is added to AR Void Receipt Screen so that User could single out correct receipt by looking at the job it got distributed to if the check number, amount ,Post Date etc. are same. The job code comes from the AR receipt header.



Pay Job Code Column added to AR Void Receipts Screen

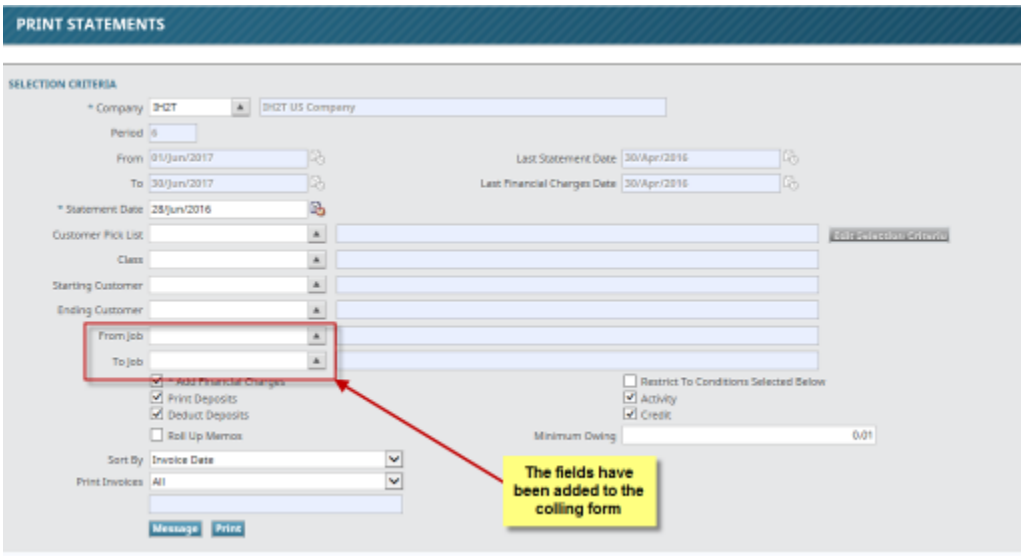
Quote for Adding Job Parameters to AR Print Statements (17.32644)

Overview:

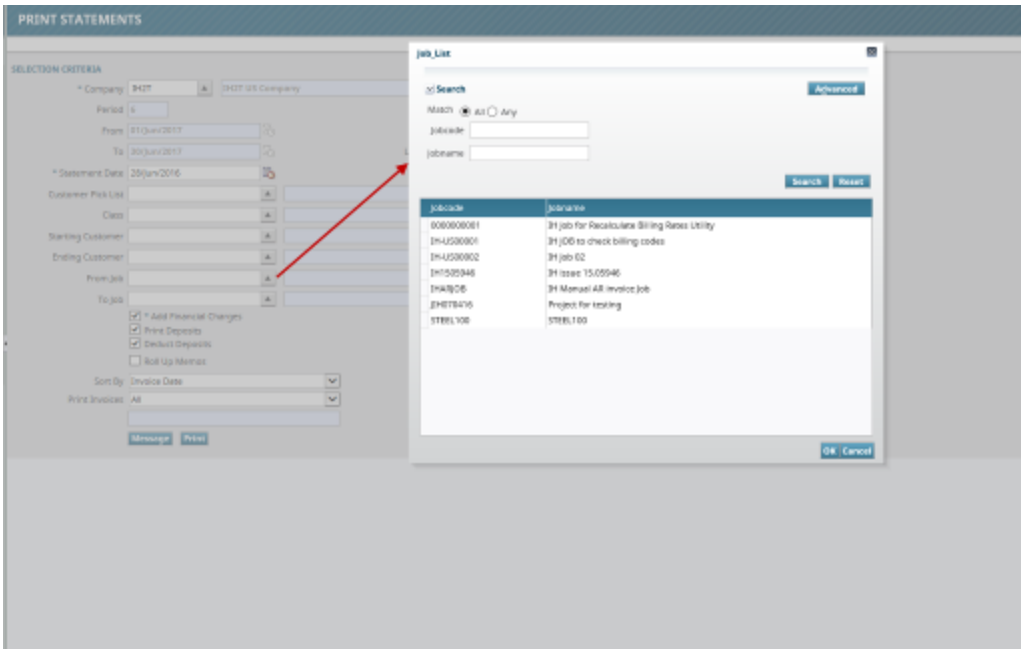
CMiC has modified the existing AR Statement Report and add two new parameters – From Job and To Job – to the calling form and the report. If the customer range is provided, then the Job list will display the jobs that are associated with the Starting and/or Ending Customer parameters; if the Customer Pick List is provided, then the Job List will display only the jobs that related to the customers in the specified Pick List; otherwise the List of Values will display all jobs.

Settings and Examples:

1. The new fields “From Job” and “To Job” have been added to AR Statement Report:

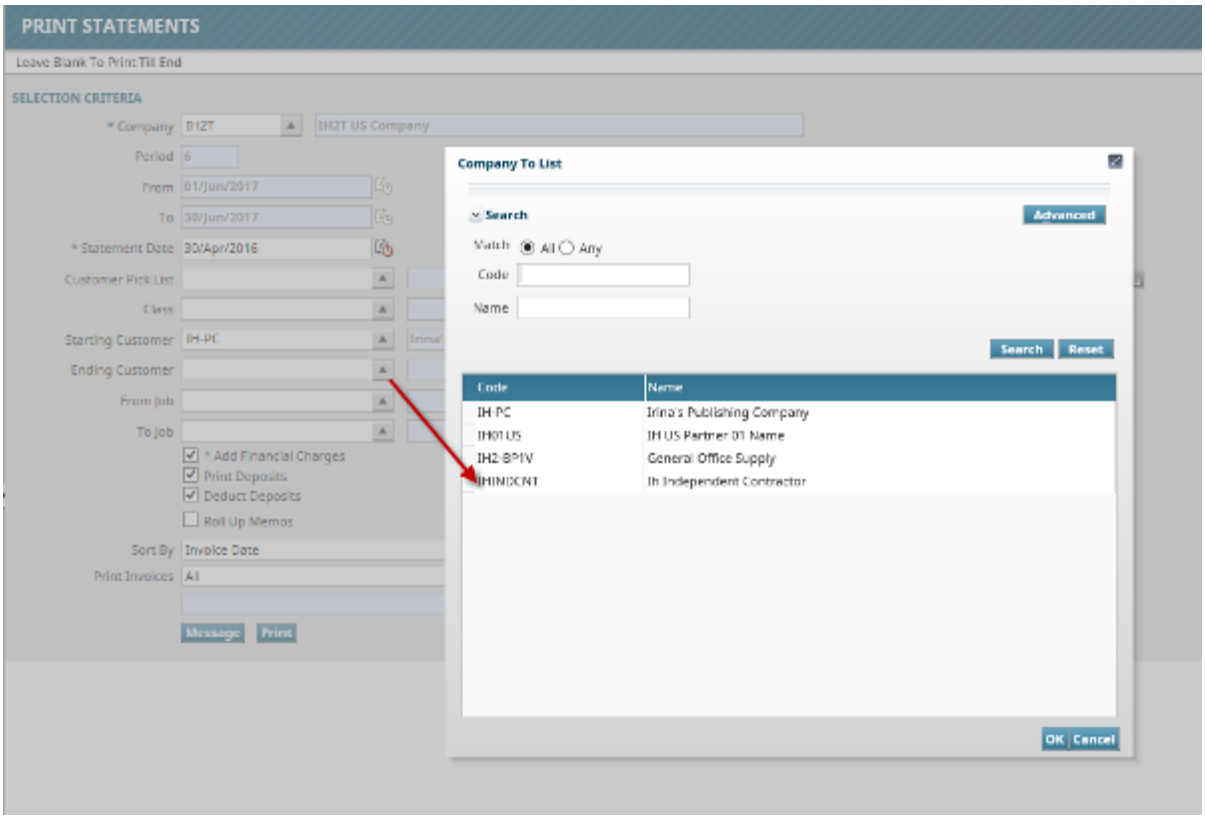


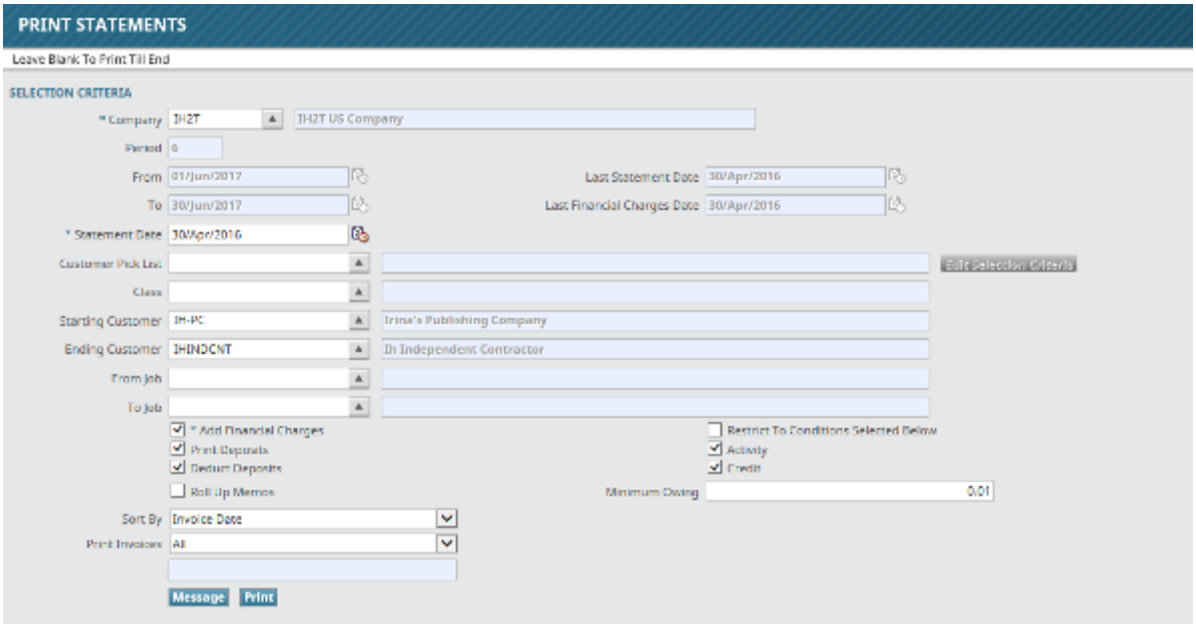
2. If the fields Customer Pick List and Starting Customer, and Ending Customer are left empty, the “From Job” and “To Job” LOVs will display the complete list of job available for the selected company (in the example, it is the company IH2T):



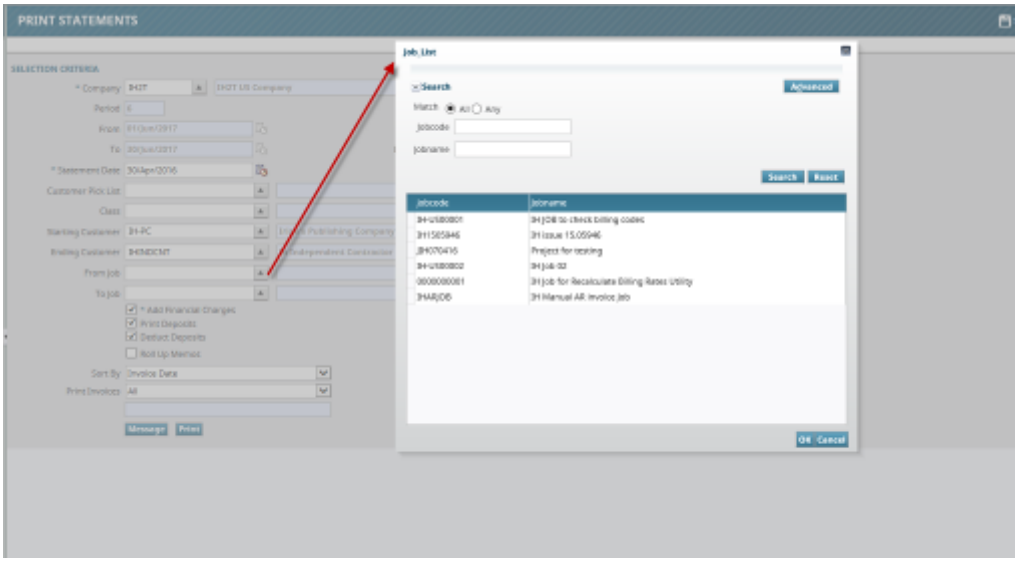
3. The Customer range could be represented either by entering the value in the Customer Pick List field or by specifying Starting and Ending Customers.

3.1. The example below demonstrates the case when Starting and Ending Customers are entered (from the customer IH-PC to the customer IHINDCNT):

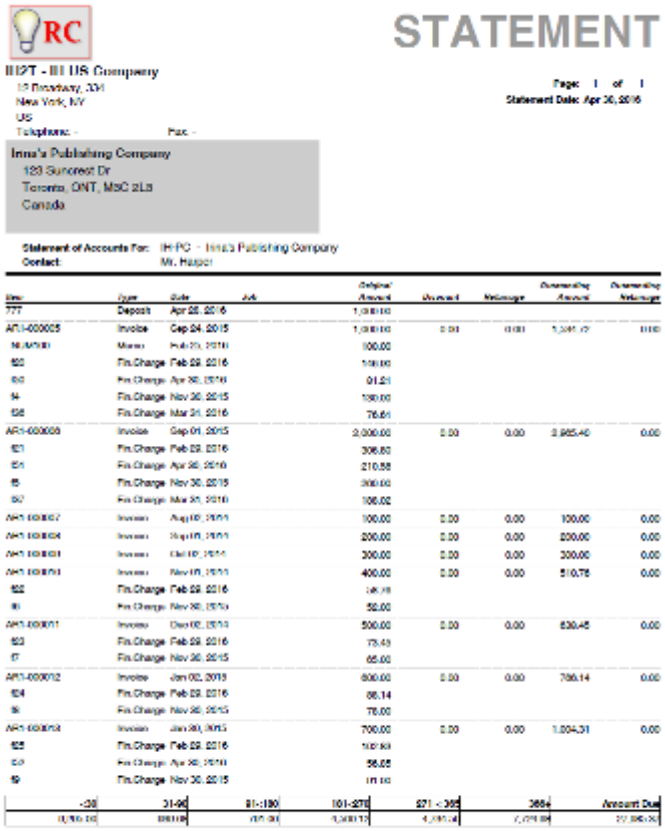




In this case “From Job” and “To Job” LOV will include all jobs related to the specified set of customers (IH-PC, IH01US, IH2-BIV, IHINDCNT):



The resulting STATEMENT will include the data related to the specified set of customers (IH-PC, IH01US, IH2-BIV, IHINDCNT):



STATEMENT

II2T - II US Company
10 Broadway, XXI
New York, NY
US
Telephone: -
Fax: -

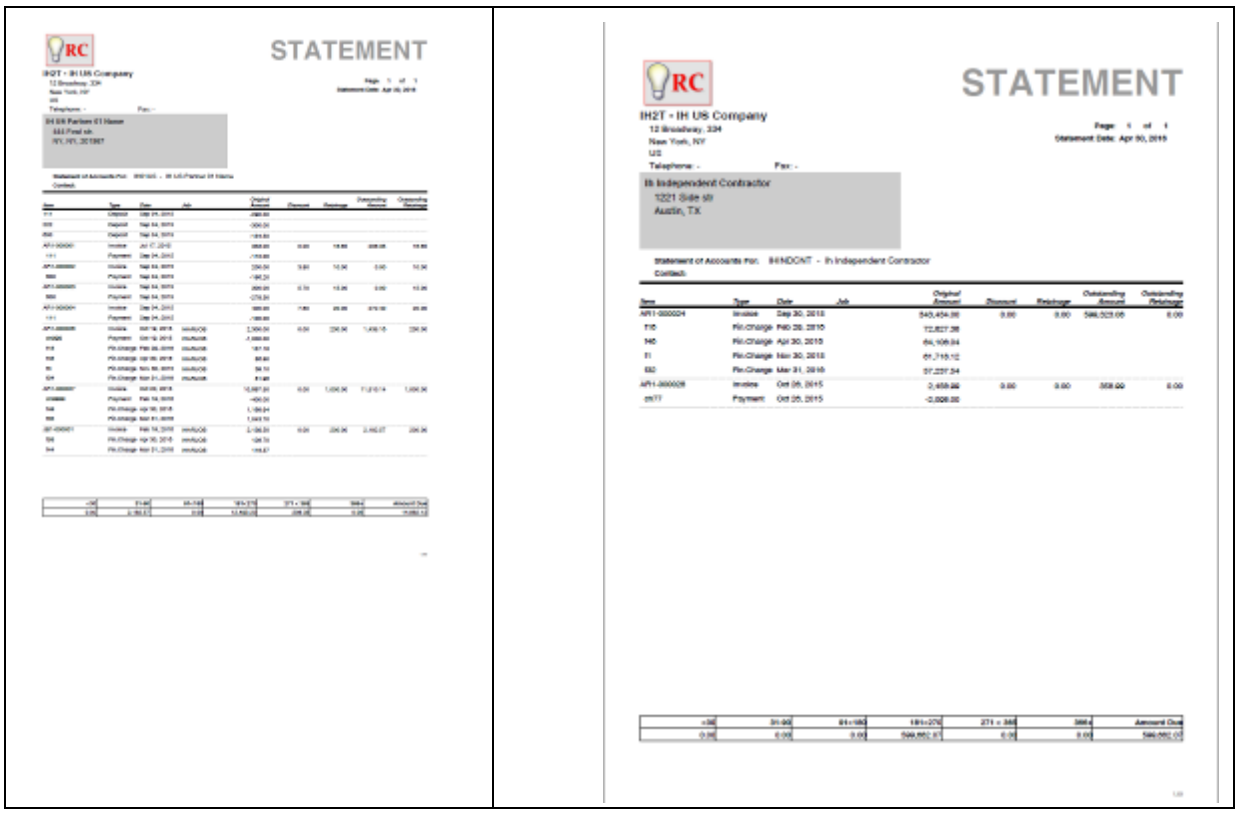
Page: 1 of 1
Statement Date: Apr 30, 2016

Inna's Publishing Company
123 Suncrest Dr
Toronto, ONT, M5C 2L8
Canada

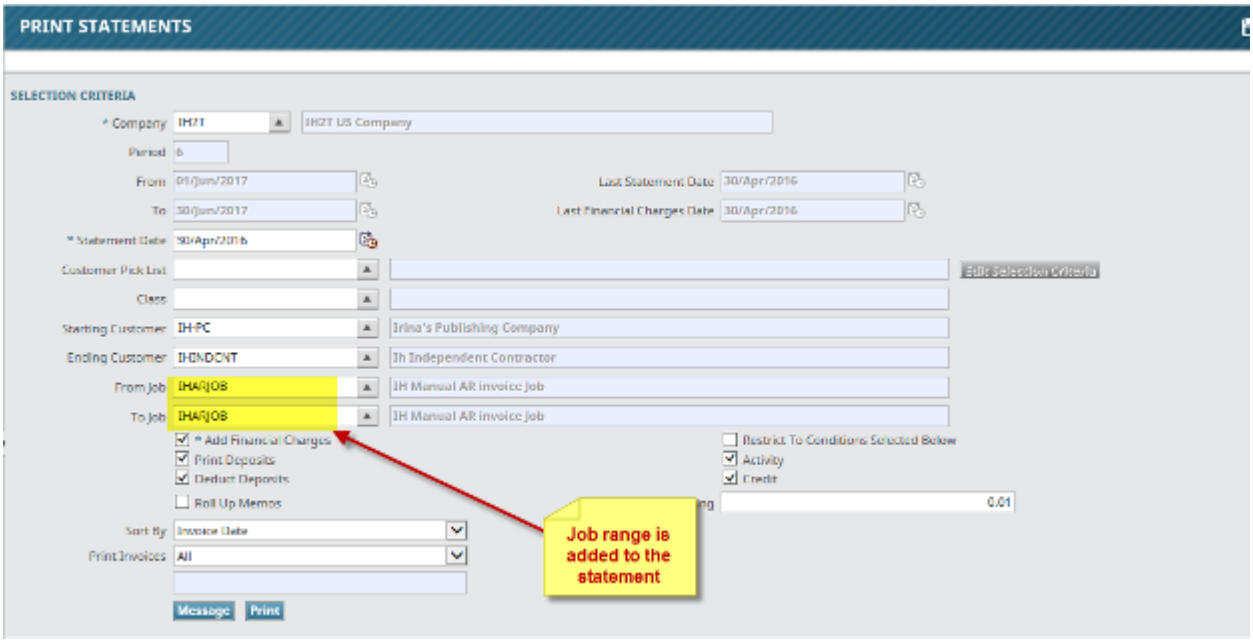
Statement of Accounts For: IH-PC - Inna's Publishing Company
Contact: Mr. Harper

Item	Type	Date	Job	Original Amount	Discount	Retainage	Outstanding Amount	Outstanding Retainage
777	Deposit	Apr 28, 2016		1,000.00				
AR1-000005	Invoice	Sep 04, 2015		1,000.00	0.00	0.00	1,000.00	0.00
[illegible]	Memo	Feb 29, 2016		100.00				
160	Fin.Charge	Feb 29, 2016		100.00				
150	Fin.Charge	Apr 30, 2016		91.21				
14	Fin.Charge	Nov 30, 2015		100.00				
156	Fin.Charge	Mar 31, 2016		76.61				
AR1-000008	Invoice	Sep 01, 2015		2,000.00	0.00	0.00	2,985.40	0.00
161	Fin.Charge	Feb 29, 2016		306.80				
151	Fin.Charge	Apr 30, 2016		210.58				
15	Fin.Charge	Nov 30, 2015		300.00				
157	Fin.Charge	Mar 31, 2016		100.02				
AR1-000007	Invoice	Aug 05, 2015		100.00	0.00	0.00	100.00	0.00
AR1-000004	Invoice	Sep 05, 2015		200.00	0.00	0.00	200.00	0.00
AR1-000001	Invoice	Oct 05, 2015		300.00	0.00	0.00	300.00	0.00
AR1-000001	Invoice	Nov 05, 2015		400.00	0.00	0.00	510.78	0.00
162	Fin.Charge	Feb 29, 2016		10.78				
10	Fin.Charge	Nov 30, 2015		50.00				
AR1-000011	Invoice	Dec 05, 2015		500.00	0.00	0.00	630.45	0.00
163	Fin.Charge	Feb 29, 2016		75.43				
17	Fin.Charge	Nov 30, 2015		65.00				
AR1-000012	Invoice	Jan 02, 2015		600.00	0.00	0.00	786.14	0.00
164	Fin.Charge	Feb 29, 2016		86.14				
18	Fin.Charge	Nov 30, 2015		76.00				
AR1-000014	Invoice	Jan 30, 2015		700.00	0.00	0.00	1,004.31	0.00
165	Fin.Charge	Feb 29, 2016		100.93				
147	Fin.Charge	Apr 30, 2016		56.65				
19	Fin.Charge	Nov 30, 2015		111.00				

-30	31-90	91-180	181-270	271 - 365	366+	Amount Due
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]



In case when “From Job” and “To Job” fields are entered (see the screenshot below), the Statement will include only the transactions with the job code(s) that belongs to the specified job range:



STATEMENT

IH2T - IH US Company
12 Broadway, 334
New York, NY
US
Telephone: - Fax: -

Page: 1 of 1
Statement Date: Apr 30, 2016

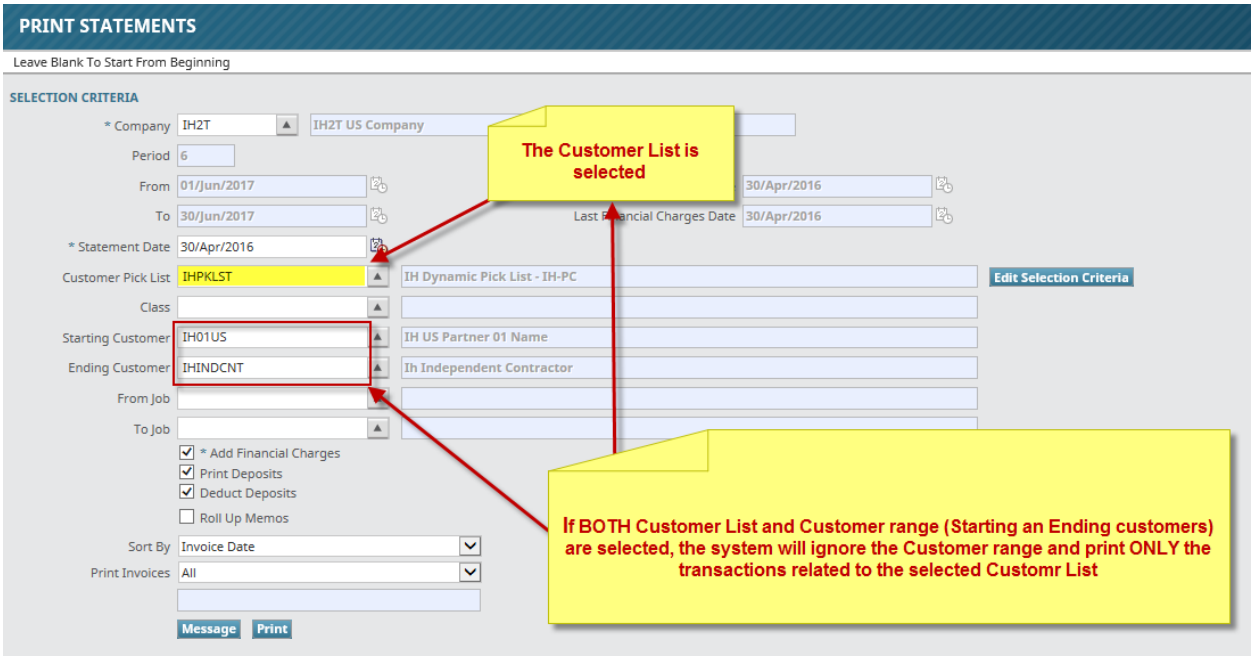
IH US Partner 01 Name
444 Fowl str.
NY, NY, 201987

Statement of Accounts For: IH01US - IH US Partner 01 Name
Contact:

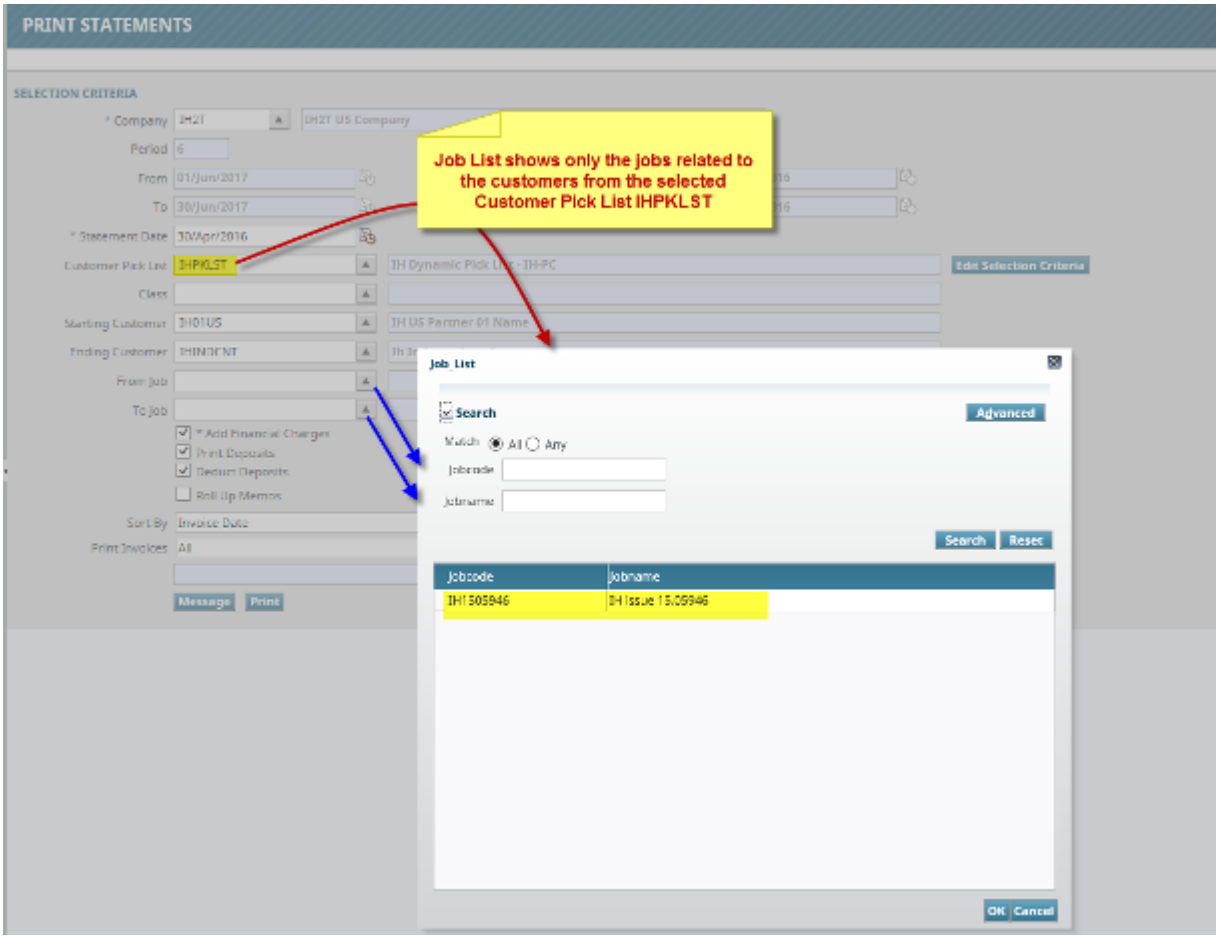
Item	Type	Date	Job	Original Amount	Dicoount	Retainage	Outstanding Amount	Outstanding Retainage
AR1-000026	Invoice	Oct 19, 2015	IHARJOB	2,300.00	0.00	230.00	1,435.16	230.00
ch999	Payment	Oct 19, 2015	IHARJOB	-1,000.00				
f18	Fin.Charge	Feb 29, 2016	IHARJOB	157.18				
f48	Fin.Charge	Apr 30, 2016	IHARJOB	86.90				
f3	Fin.Charge	Nov 30, 2015	IHARJOB	39.10				
f34	Fin.Charge	Mar 31, 2016	IHARJOB	81.98				
JB1-000001	Invoice	Feb 19, 2016	IHARJOB	2,139.50	0.00	200.00	2,182.57	200.00
f58	Fin.Charge	Apr 30, 2016	IHARJOB	126.70				
f44	Fin.Charge	Mar 31, 2016	IHARJOB	116.37				

3.2. The example below demonstrates the case when Customer Pick List is entered.

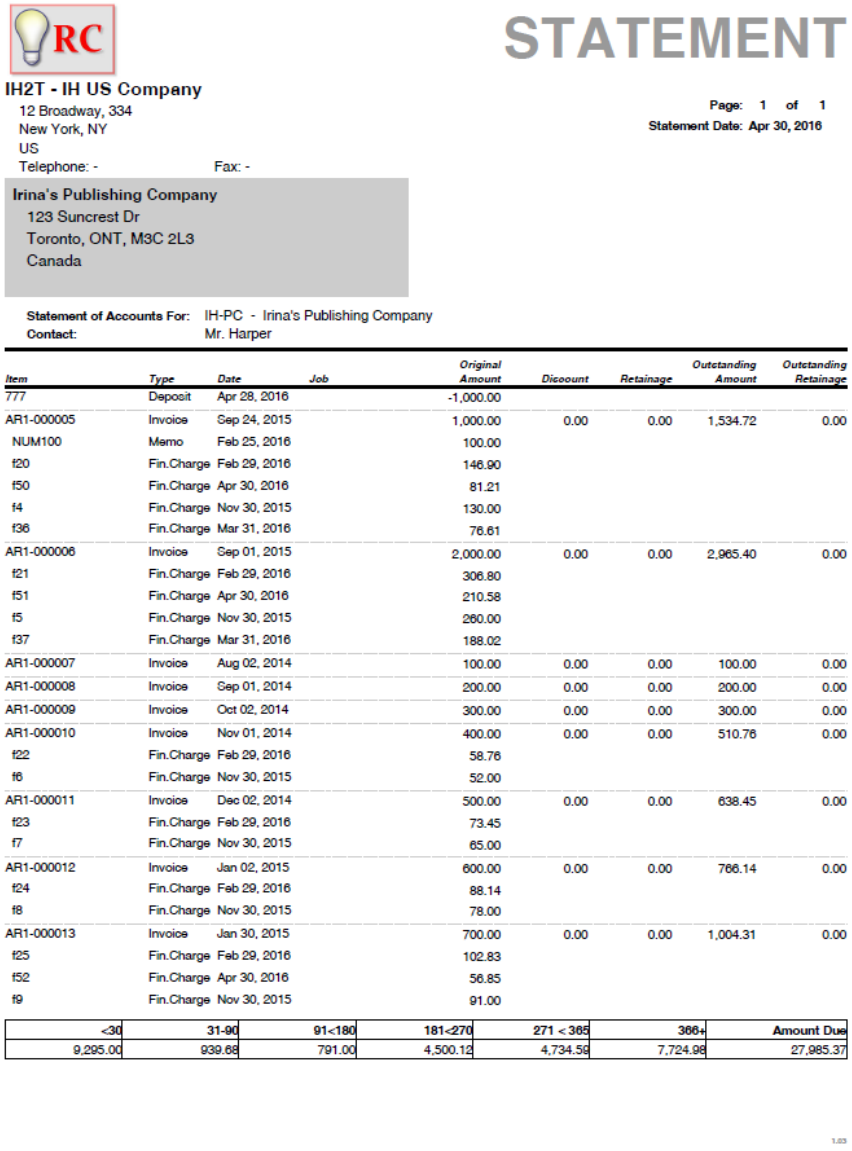
NOTE: The Customer Pick List IHPKLST consists of the only customer IH-PC.



NOTE: If BOTH Customer List and Customer range (Starting an Ending customers) are selected, the system will ignore the Customer range and print **only the transactions related to the selected Customer List**. Also, the "From Job" and "To Job" LOVs (List of Values) will display **only the jobs related to the customers from the selected List.**



In this case the Statement will print only the transactions related to the customer(s) included in the Customer List IHPKLST. In this example, the List IHPKLST contains the only customer IH-PC:



RC

STATEMENT

IH2T - IH US Company
12 Broadway, 334
New York, NY
US
Telephone: - Fax: -

Page: 1 of 1
Statement Date: Apr 30, 2016

Irina's Publishing Company
123 Suncrest Dr
Toronto, ONT, M3C 2L3
Canada

Statement of Accounts For: IH-PC - Irina's Publishing Company
Contact: Mr. Harper

Item	Type	Date	Job	Original Amount	Discount	Retainage	Outstanding Amount	Outstanding Retainage
777	Deposit	Apr 28, 2016		-1,000.00				
AR1-000005	Invoice	Sep 24, 2015		1,000.00	0.00	0.00	1,534.72	0.00
NUM100	Memo	Feb 25, 2016		100.00				
f20	Fin.Charge	Feb 29, 2016		146.90				
f50	Fin.Charge	Apr 30, 2016		81.21				
f4	Fin.Charge	Nov 30, 2015		130.00				
f36	Fin.Charge	Mar 31, 2016		76.61				
AR1-000006	Invoice	Sep 01, 2015		2,000.00	0.00	0.00	2,965.40	0.00
f21	Fin.Charge	Feb 29, 2016		306.80				
f51	Fin.Charge	Apr 30, 2016		210.58				
f5	Fin.Charge	Nov 30, 2015		260.00				
f37	Fin.Charge	Mar 31, 2016		188.02				
AR1-000007	Invoice	Aug 02, 2014		100.00	0.00	0.00	100.00	0.00
AR1-000008	Invoice	Sep 01, 2014		200.00	0.00	0.00	200.00	0.00
AR1-000009	Invoice	Oct 02, 2014		300.00	0.00	0.00	300.00	0.00
AR1-000010	Invoice	Nov 01, 2014		400.00	0.00	0.00	510.76	0.00
f22	Fin.Charge	Feb 29, 2016		58.76				
f6	Fin.Charge	Nov 30, 2015		52.00				
AR1-000011	Invoice	Dec 02, 2014		500.00	0.00	0.00	638.45	0.00
f23	Fin.Charge	Feb 29, 2016		73.45				
f7	Fin.Charge	Nov 30, 2015		65.00				
AR1-000012	Invoice	Jan 02, 2015		600.00	0.00	0.00	766.14	0.00
f24	Fin.Charge	Feb 29, 2016		88.14				
f8	Fin.Charge	Nov 30, 2015		78.00				
AR1-000013	Invoice	Jan 30, 2015		700.00	0.00	0.00	1,004.31	0.00
f25	Fin.Charge	Feb 29, 2016		102.83				
f52	Fin.Charge	Apr 30, 2016		56.85				
f9	Fin.Charge	Nov 30, 2015		91.00				

<30	31-90	91<180	181<270	271 < 365	366+	Amount Due
9,295.00	939.68	791.00	4,500.12	4,734.59	7,724.98	27,985.37

Summary:

The existing AR Statement Report has been modified: two new parameters – From Job and To Job – have been added to the calling form and the report. The List of Values for the new job fields will display the following:

1. If the customer range is provided, then the Job list will display only the jobs that are associated with the Starting and/or Ending Customer parameters;
2. If the Customer Pick List is provided, then the Job List will display only the jobs that related to the customers in the specified Pick List;
3. If the Starting Customer, Ending Customer, and Customer Pick List fields are left blank, the List of Values for the job fields will display all jobs available in the company.

Bank Reconciliation Bank info vs CMiC info (17.45247)

CMIC has modified the following ADF programs by adding the new fields Batch, Batch Total, and a new check box Select All/Unselect All:

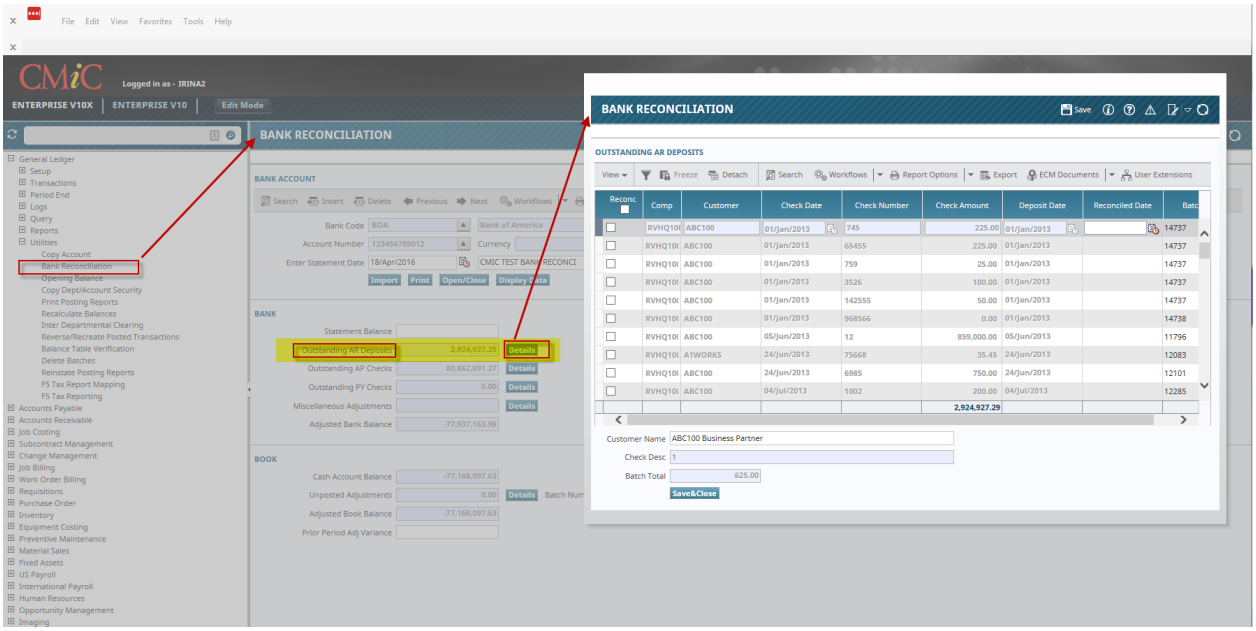
- Outstanding AR Deposits (Popup Screen that appears upon clicking on the corresponding button [Details])
- Outstanding AP Checks (Popup Screen that appears upon clicking on the corresponding button [Details])
- Outstanding PY Checks (Popup Screen that appears upon clicking on the corresponding button [Details])

NOTE: The new fields Batch and Batch Total are hidden by default. If required, the user should make it visible by using Lite Editor on the corresponding screen.

Settings and Examples:

Treeview Path: General Ledger -> Utilities -> Bank Reconciliation.

From the main “Bank Reconciliation” screen the user can retrieve the “Bank Reconciliation” pop-up window that shows outstanding AR Deposits by clicking the button [Details] that locates on the same line as “Outstanding AR Deposits” label (see the screenshot below).

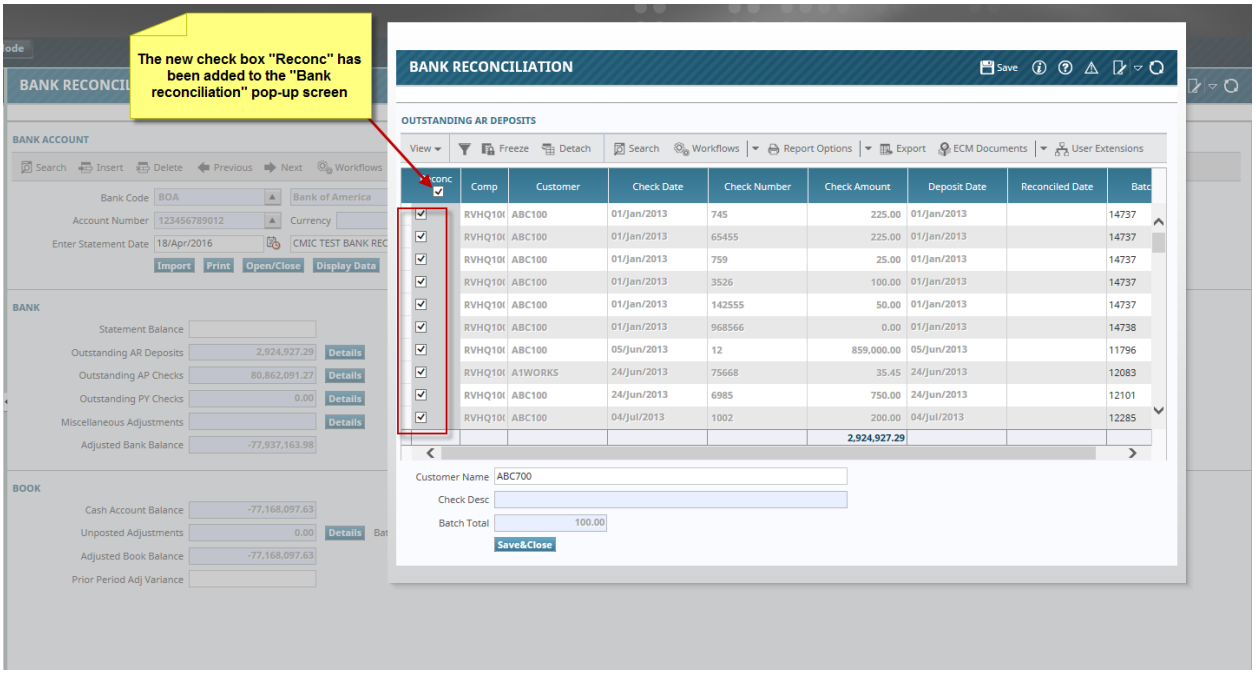


Similarly, to retrieve the “Bank Reconciliation” pop-up window related to that shows outstanding AP Checks, the user should click the button [Details] that locates on the same line as “Outstanding AP Checks” label; and to retrieve the “Bank Reconciliation” pop-up window that displays outstanding PY (Payroll) Checks the user should click on the button [Details] that locates on the same line as “Outstanding PY Checks” label.

The new functionality works similarly in the “Bank Reconciliation” pop-up window for Outstanding AR deposits, Outstanding AP Checks, and Outstanding PY Checks.

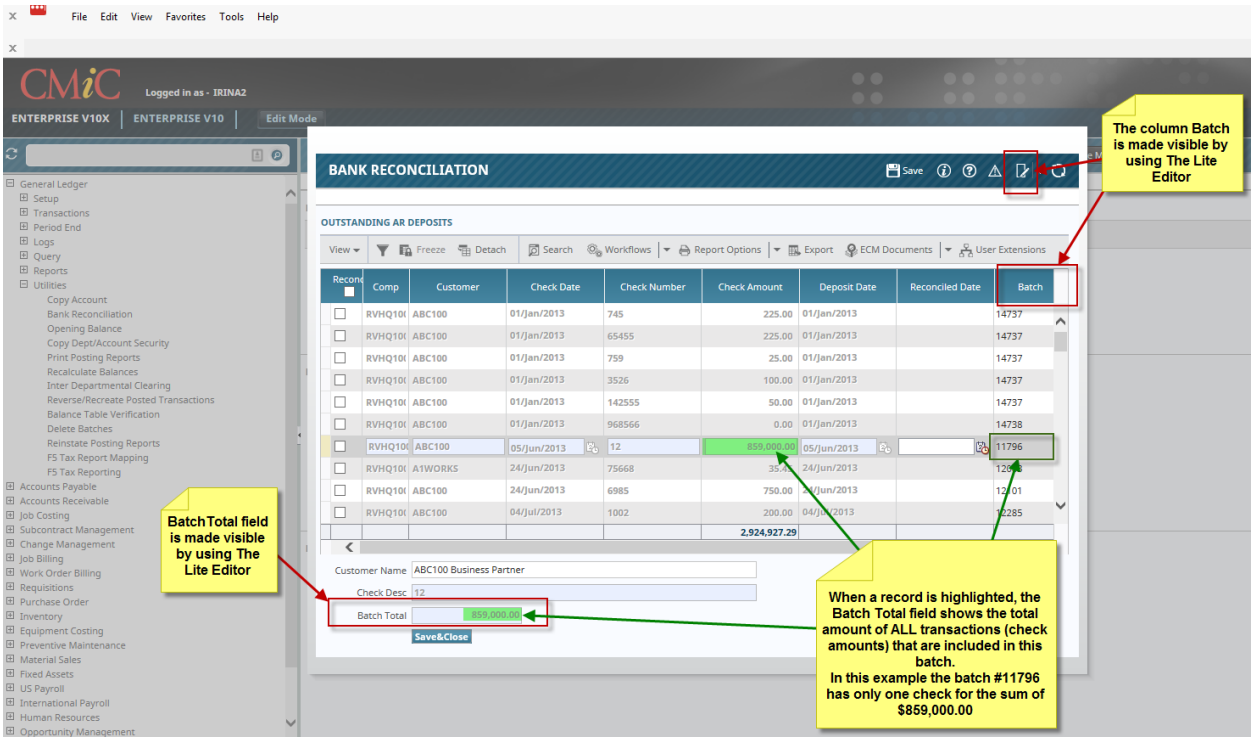
Below the new functionality is shown for Outstanding AR deposits as an example for all pop-up windows mentioned above:

1. The new check box "Reconc" has been added to the "Bank reconciliation" pop-up screen. When this box is checked/unchecked, all records on the window will be also checked/unchecked:

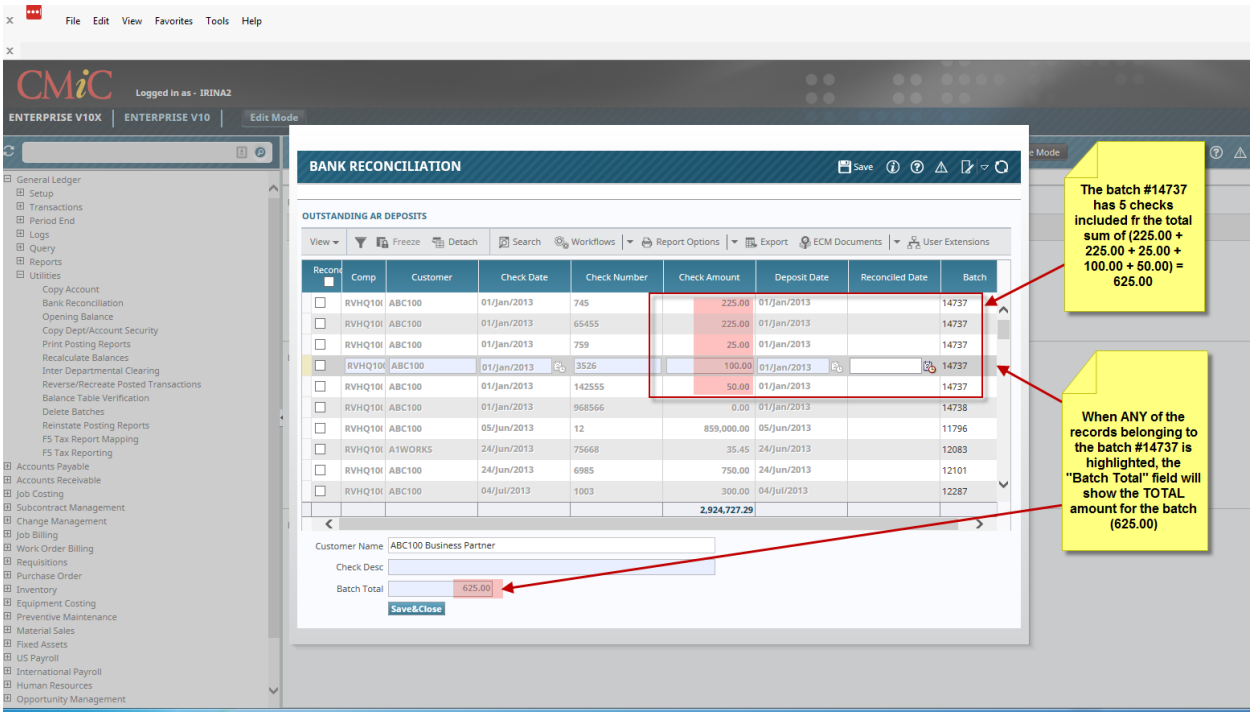


2. “Batch Total” functionality:

2.1. The example below illustrates how the new functionality works when the highlighted record is the only record for a batch. In the screenshot below the batch #11796 has only one record for the sum $859,000.00; and this sum $859,000.00 is displayed as a batch total in the “Batch Total” field:



2.2. The example below illustrates how the new functionality works when the highlighted record is one of the many records belonging to the same batch. In the screenshot below the batch #14737 has 5 records for the total sum of (225.00 + 225.00 + 25.00 + 100.00 + 50.00) = 625.00. When ANY of the records belonging to the batch #14737 is highlighted, the "Batch Total" field will show the TOTAL amount for the batch (625.00):



Summary:

The following ADF programs have been modified:

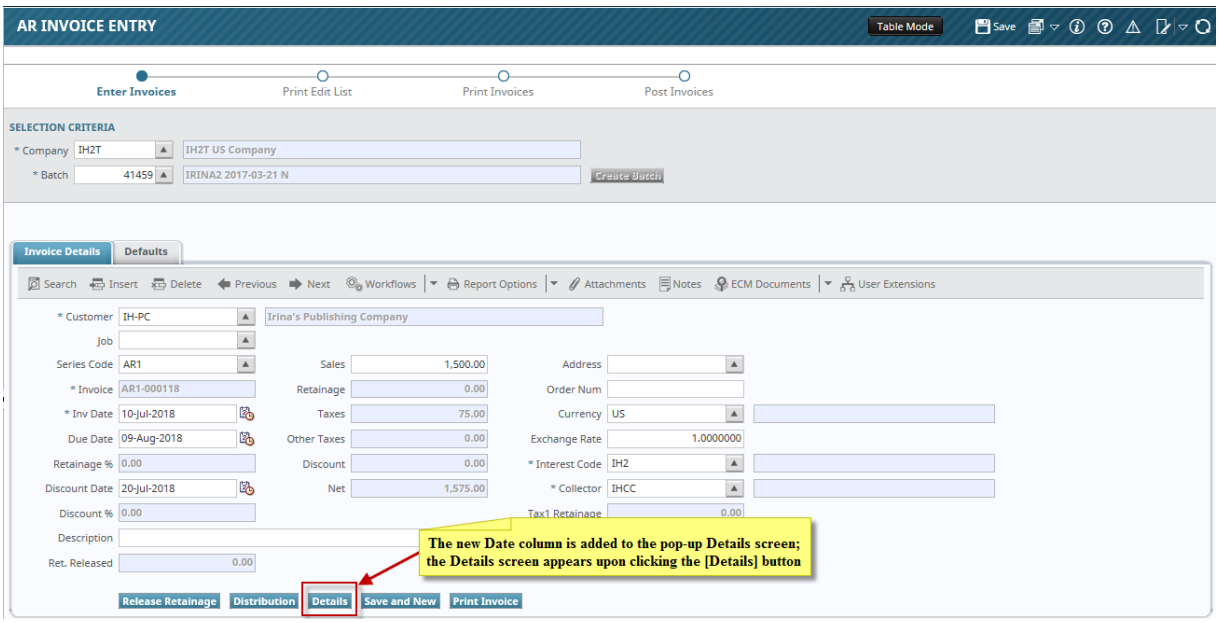
- Outstanding AR Deposits (Popup Screen that appears upon clicking on the corresponding button [Details])
- Outstanding AP Cheques (Popup Screen that appears upon clicking on the corresponding button [Details])
- Outstanding PY Cheques (Popup Screen that appears upon clicking on the corresponding button [Details]).

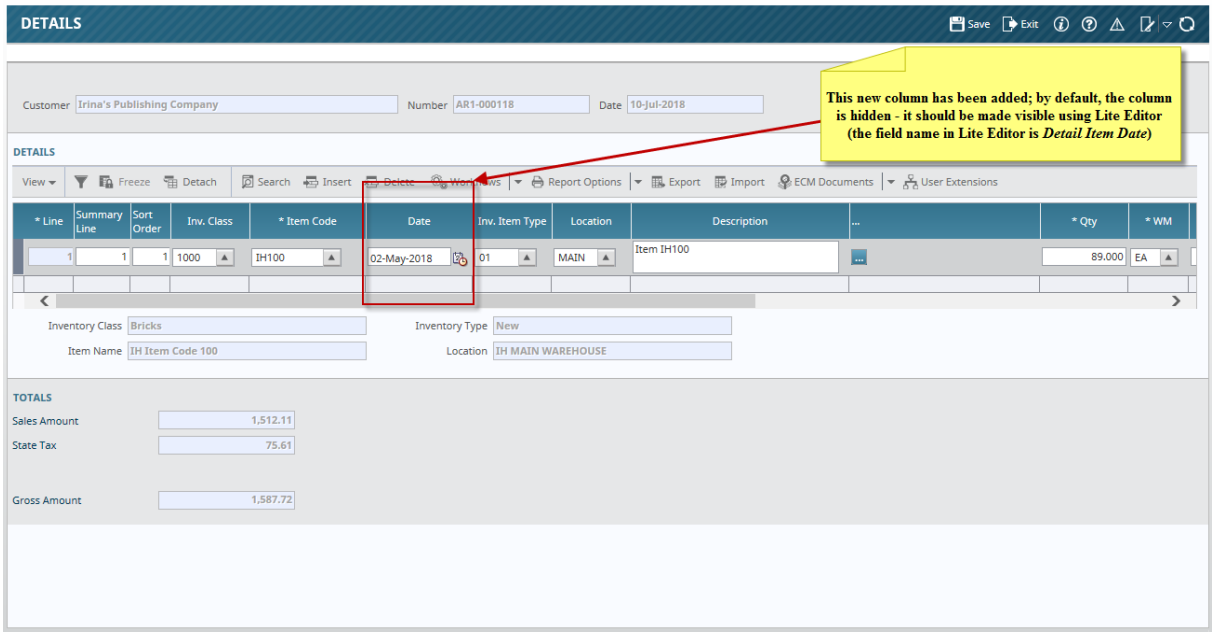
The new fields Batch, Batch Total Amount, and a new check box Select All/Unselect All have been added to each of the pop-up screens above. By default, the fields Batch and Batch Total are hidden and should be made visible by using Lite Editor on the corresponding screen.

Add a Date column on the AR Invoice (18.56098)

New Date Column has been added on the 'Details' popup in the AR Invoice Entry screen (pop-up Details screen), as a new column. By default, this new Date column will be hidden and not required.

Treeview Path: Account Receivable -> Invoice -> Enter Invoice




DETAILS
Save
Exit
Customer
Irina's Publishing Company
Number
AR1-000118
Date
10-Jul-2018
This new column has been added; by default, the column is hidden - it should be made visible using Lite Editor (the field name in Lite Editor is Detail Item Date)
DETAILS
View
Freeze
Detach
Search
Insert
Delete
Report Options
Export
Import
ECM Documents
User Extensions
* Line
Summary Line
Sort Order
Inv. Class
* Item Code
Date
Inv. Item Type
Location
Description
...
* Qty
* WM
1
1
1
1000
IH100
02-May-2018
01
MAIN
Item IH100
89.000
EA
Inventory Class
Bricks
Inventory Type
New
Item Name
IH Item Code 100
Location
IH MAIN WAREHOUSE
TOTALS
Sales Amount
1,512.11
State Tax
75.61
Gross Amount
1,587.72

Banking

Bank Reconciliation for Sovereign Bank (11.61850)

CMiC has modified the Bank Reconciliation Form to read the format for Sovereign Bank.

The following is the output file format from the Sovereign Bank that will be read by Bank reconciliation form (bachkrec.fmx).

Header Record (type 5)

Column	Length	Field	Value
01	01	Record Type	Must be '5'
02	10	Origin	Constant 'FISERV'
12	06	Date	yymmdd
18	04	Bank Number	
22	17	Account Number	Right Justified, Zero Filled
39	37	Filler	Spaces
76	04	Organization Code	
80	04	Filler	Spaces
84	37	Filler	Spaces

Detail Record (type 6)

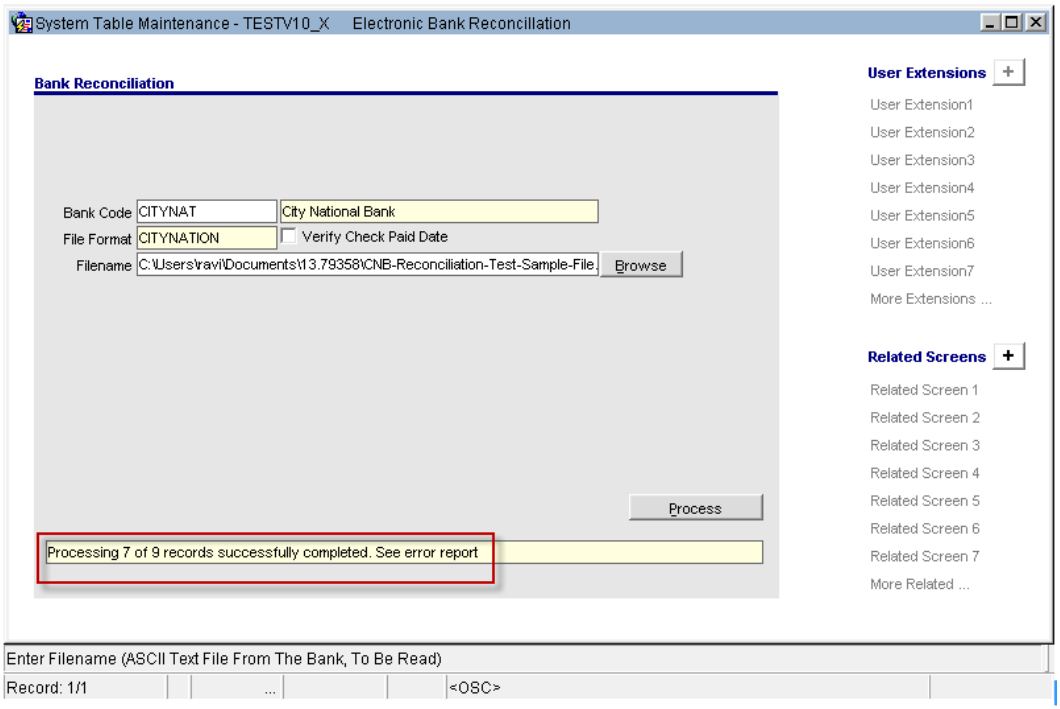
Column	Length	Field	Value
01	01	Record Type	Must be '6'
02	01	Status Code	0 = Paid
			1 = Issued Only
			3 = Stop Only
			5 = Issued and Paid
			6 = Issued and Stopped
			8 = Voided
03	06	Date	Issue Date if Status Code = 1,5,6
			Void Date if Status Code = 8
			yymmdd
09	04	Bank Number	
13	17	Account Number	Right Justified, Zero Filled
30	10	Serial (Check) Number	Right Justified, Zero Filled
			0000000001 through 9999999999

40	10	Amount	Right Justified, Zero Filled. No decimals, Last two most positions are cents.
50	06	Date	Paid Date if Status Code = 0,5 Stop Date if Status Code = 3,6 yymmdd
56	10	Filler	Spaces
66	15	Customer defined	AlphaNumeric. Optional, spaces if not used.
81	40	Payee Name	Optional, spaces if not used.

Totals Record (type 8)

Column	Length	Field	Value
01	01	Record Type	Must be '8'
02	10	Number of Paid Items	Right Justified, Zero Filled
12	10	Amount of Paid Items	Right Justified, Zero Filled. No Decimals.
22	10	Number of Outstanding	Right Justified, Zero Filled Issued Items
32	10	Amount of Outstanding	Right Justified, Zero Filled. Issued Items. No decimals.
42	17	Account Number	Right Justified, Zero Filled
59	17	Filler	Spaces
76	04	Organization Code	
80	04	Bank Number	
84	37	Filler	Spaces

Bank Reconciliation Format for City National Bank(13.79358)



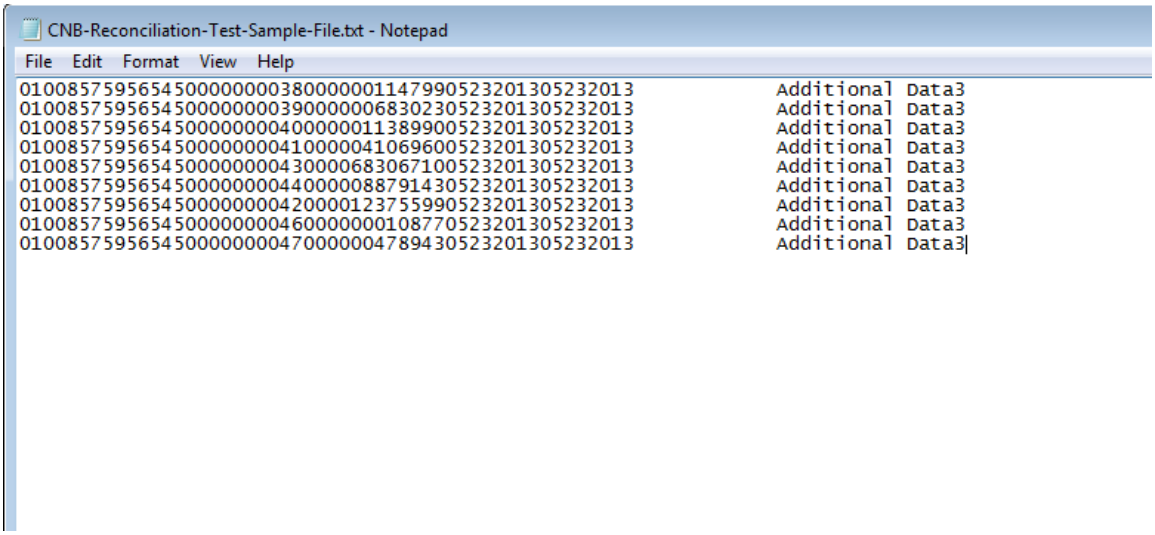
Added new Bank Reconciliation format for the City National Bank. The Bank reconciliation File Format is as listed in the following table

Field Position	Length	Contents/format	Name
01-02	2	01	Record Code
03-14	12	Numeric	Account Number**
15-24	10	Numeric	Serial Number**
25-36	12	$$$$$$$$$$¢¢	Amount
37-44	8	MMDDYYYY	Paid Date
45-52	8	MMDDYYYY	Issue Date
53-64	12	Numeric	Item Reference Number**
65-79	15	Alpha/Numeric	Additional Data

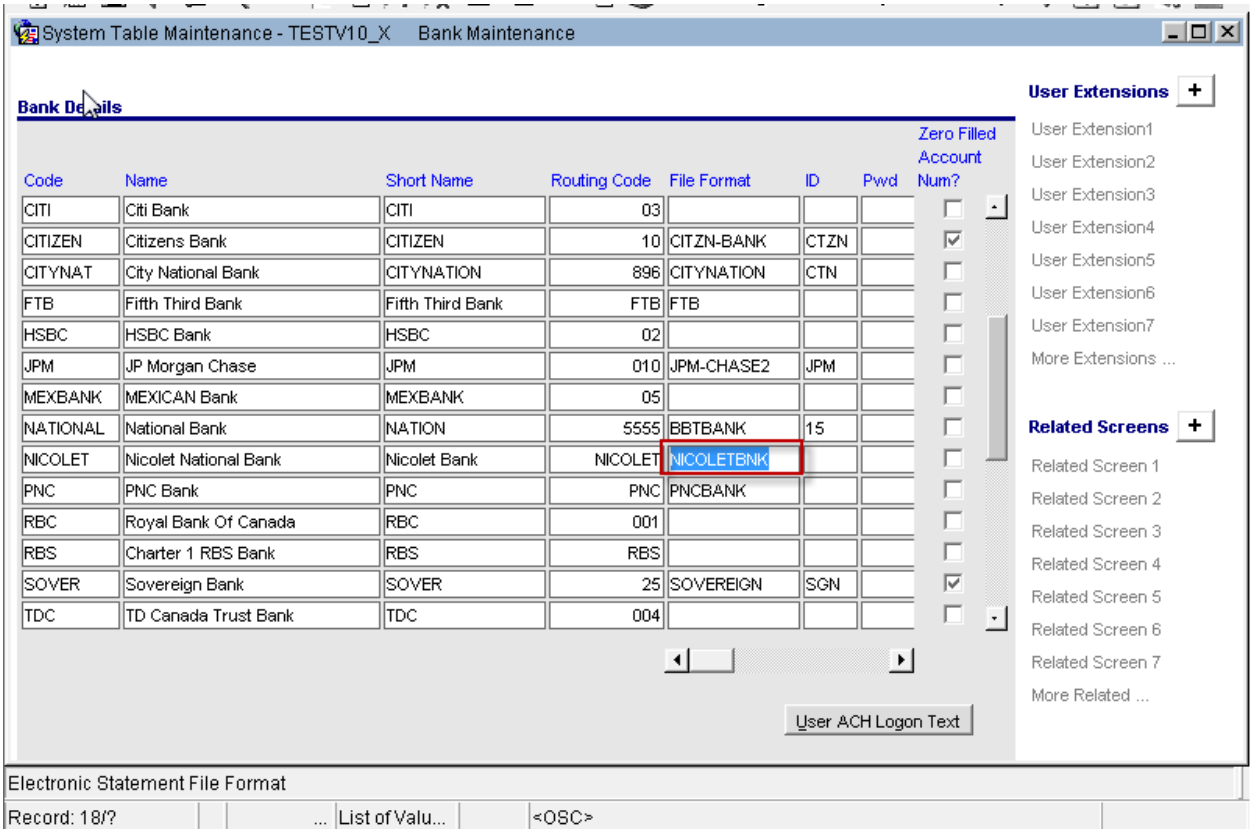
80-80	1	Numeric	Record Type 1=Paid-No-Issue 2=Outstanding 3=Reconciled 4=Stopped 5=Canceled 6=Misc. Credit 7=Misc. Debit 8=Deposit

** = Right Justified

The following is a sample text file

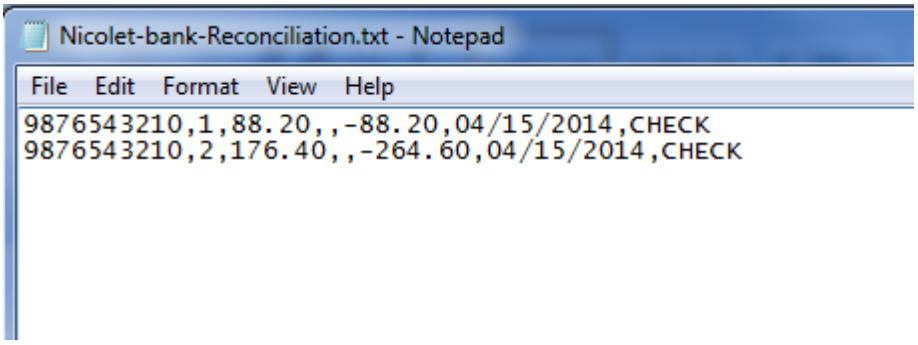


Bank Reconciliation format for Nicolet National Bank (13.82701)

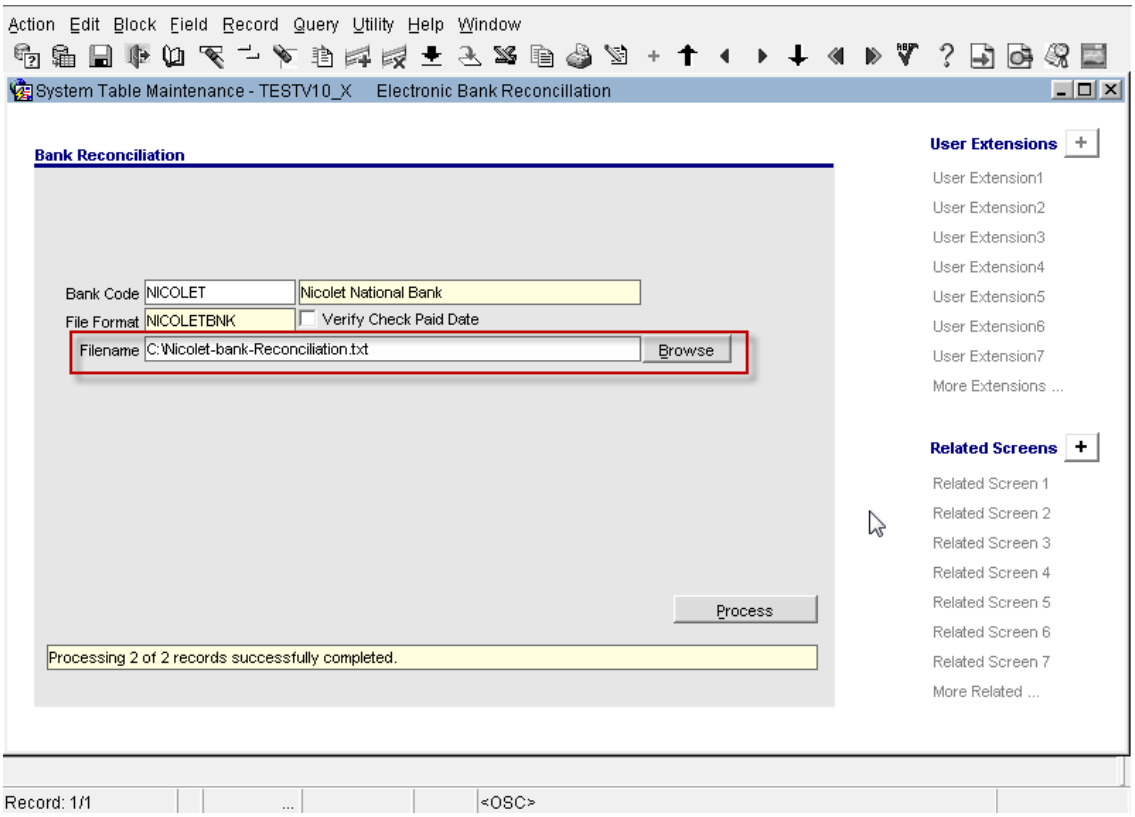


Bank Reconciliation format for Nicolet National Bank is programmed with this modification. Added a new Bank reconciliation format 'NICOLETBNK' to the banking application. This can be assigned to the appropriate bank in Bank Maintenance form.

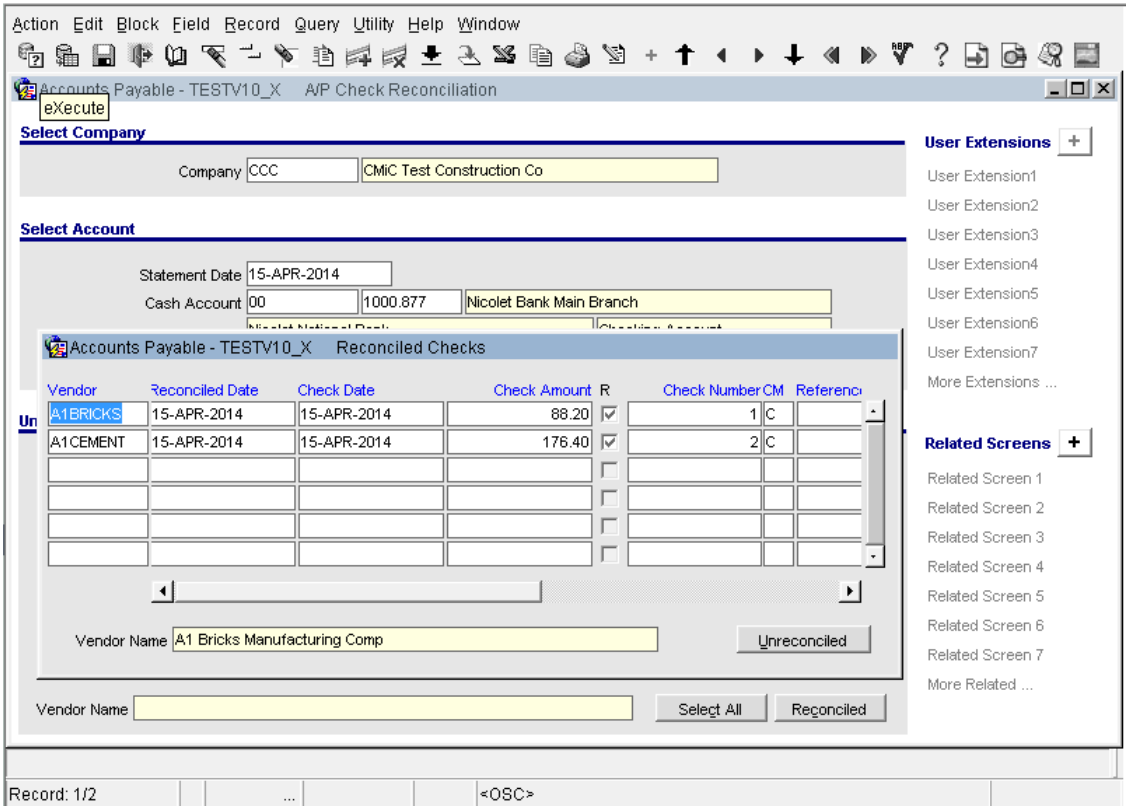
The Statement File in ASCII format received from the Nicolet National Bank may be imported and the checks will be automatically reconciled by the process.



The above is a sample file used for the testing purposes.



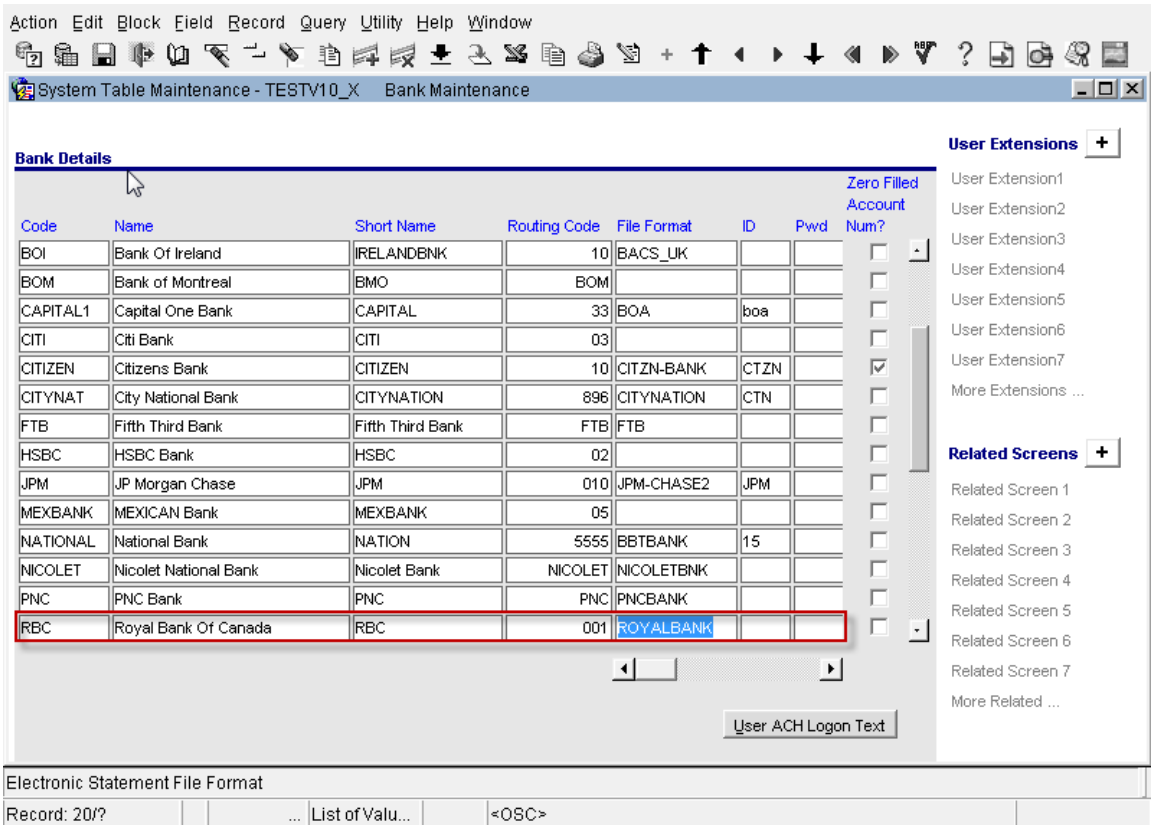
The Bank Reconciliation form is modified to process the Statement from Nicolet National Bank and the display field at the bottom provides the processing information.



The A/P Check reconciliation form shows the checks reconciled successfully.

Bank Reconciliation Format for Royal Bank of Canada (13.82699)

Added a new Bank reconciliation format 'ROYALBANK' (Royal Bank of Canada) to the banking application. This can be assigned to the appropriate bank in Bank Maintenance form.

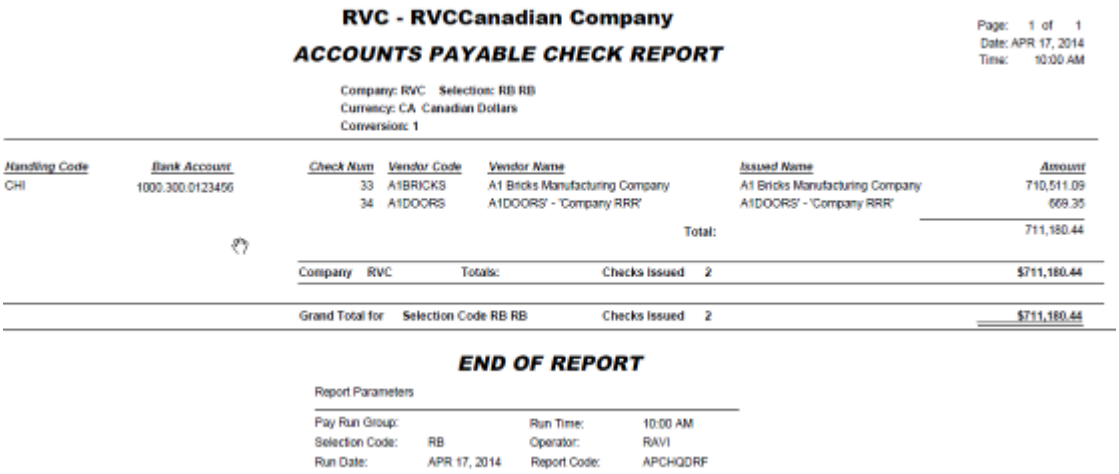


The 'Business Account Transaction Report (Standard Format) Export File Layout' as provided by RBC Express® Import/Export File Guide dated November 2010 on page 27 is given under.

Business Account Transaction Report (Standard Format) Export File Layout

FIELD NAME	LENGTH	FIELD TYPE	COMMENTS
Bank	8	Numeric	• RBC Financial Institution Number (00000003)
Branch	5	Numeric	• RBC transit/branch number where the account is maintained.
Account Number	9	Numeric	• Business Deposit Account number
Effective Date	8	Numeric	• Format YYYYMMDD • Effective date of the transaction
Posting Date	8	Numeric	• Format YYYYMMDD • Posting date of the transaction
Group Number	3	Numeric	• Number assigned that identifies the group to which this account belongs (if applicable). • If no groups are created, defaults to all zeros.
Sub-group Number	3	Numeric	• Number assigned that identifies the sub-group to which this account belongs (if applicable). • If no groups are created, defaults to all zeros.
Currency	3	Alpha Numeric	• Currency of the account
Debit / Credit Indicator	1	Numeric	• Indicates whether the transaction is a Debit or Credit: • Debit = 0; Credit = 1
Transaction Code	5	Numeric	• DDA transaction code (See Appendix 1)
Serial Number	13	Numeric	• Transaction serial number
Description	2 x 20	Alpha Numeric	• Text description of the transaction. (2 lines of 20 characters each.)
Amount	(10)9.99	Numeric	• Amount of the transaction
Immediate Availability	(10)9.99	Numeric	• Zero fill
One Day Availability	(10)9.99	Numeric	• Zero fill
Two or More Days Availability	(10)9.99	Numeric	• Zero fill

The CMiC ROYALBANK reconciliation format uses this format to import the statement from the bank and reconciles the checks accordingly.



RVC - RVCCanadian Company

ACCOUNTS PAYABLE CHECK REPORT

Page: 1 of 1
Date: APR 17, 2014
Time: 10:00 AM

Company: RVC Selection: RB RB
Currency: CA Canadian Dollars
Conversion: 1

Handling Code	Bank Account	Check Num	Vendor Code	Vendor Name	Issued Name	Amount
CHI	1000.300.0123456	33	A1BRICKS	A1 Bricks Manufacturing Company	A1 Bricks Manufacturing Company	710,511.09
		34	A1DOORS	A1DOORS' - 'Company RRR'	A1DOORS' - 'Company RRR'	669.35
					Total:	711,180.44

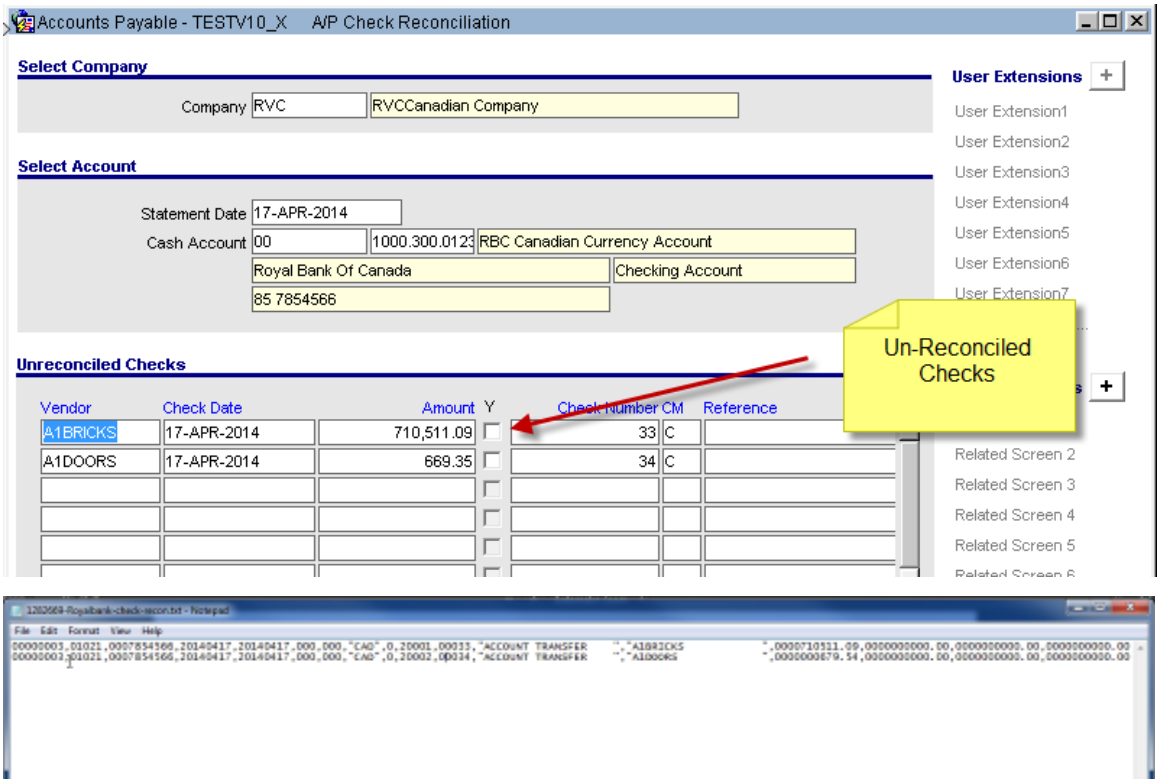
Company RVC	Totals:	Checks Issued	2	$711,180.44
Grand Total for	Selection Code RB RB	Checks Issued	2	$711,180.44

END OF REPORT

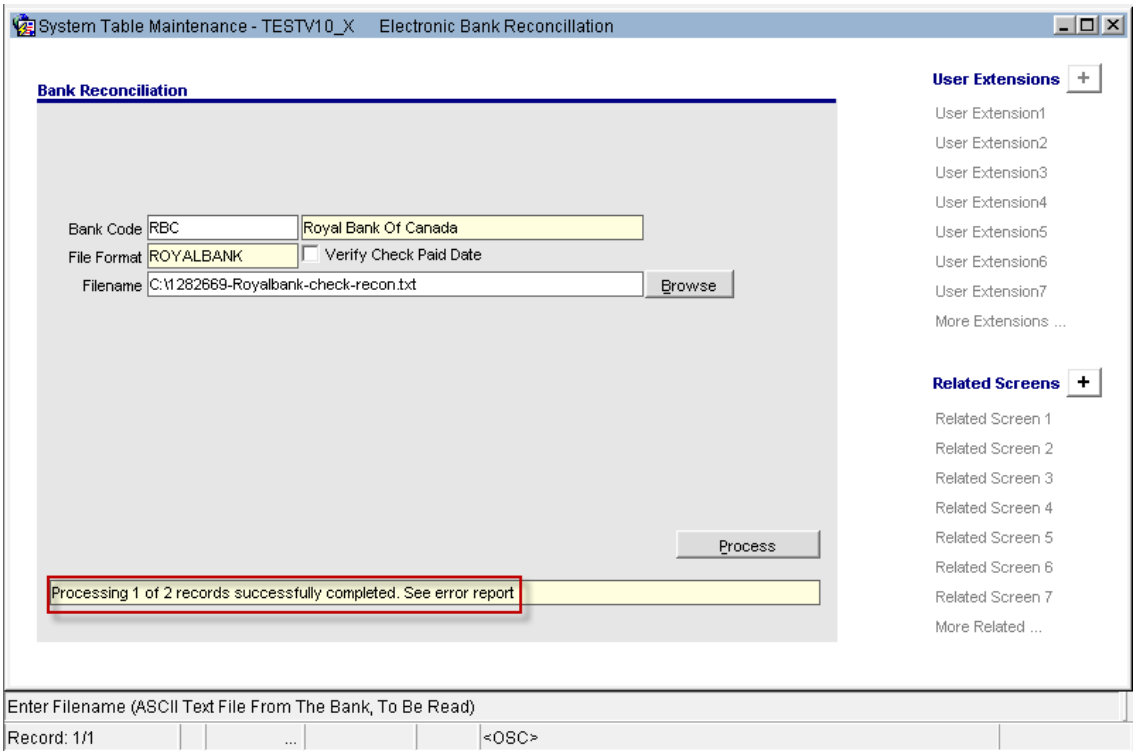
Report Parameters

Pay Run Group:		Run Time:	10:00 AM
Selection Code:	RB	Operator:	RAVI
Run Date:	APR 17, 2014	Report Code:	APCHQDRF

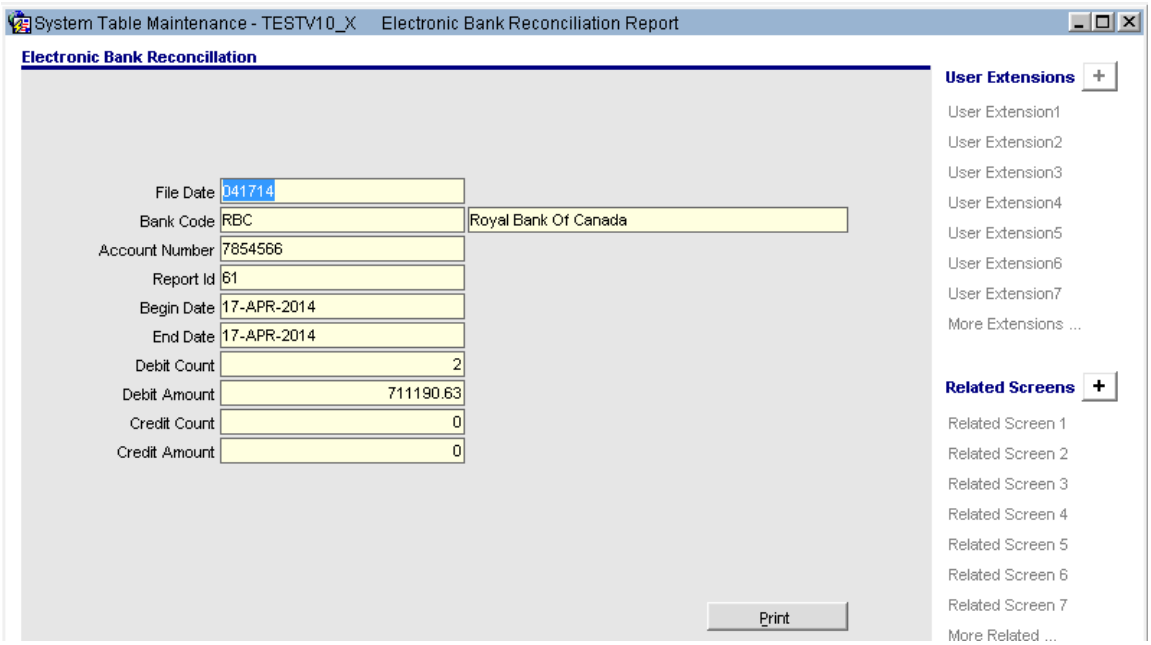
The AP Check report shows the checks issued to vendors using Royal Bank Account.



The above screen shows a sample file created to emulate a Royal Bank statement that will be used to verify successful reconciliation within CMiC Banking application.



The Bank Reconciliation form is modified to process the Statement from Royal Bank of Canada and the display field at the bottom provides the processing information.



The Reconciliation Report may be printed to review the errors for further actions.

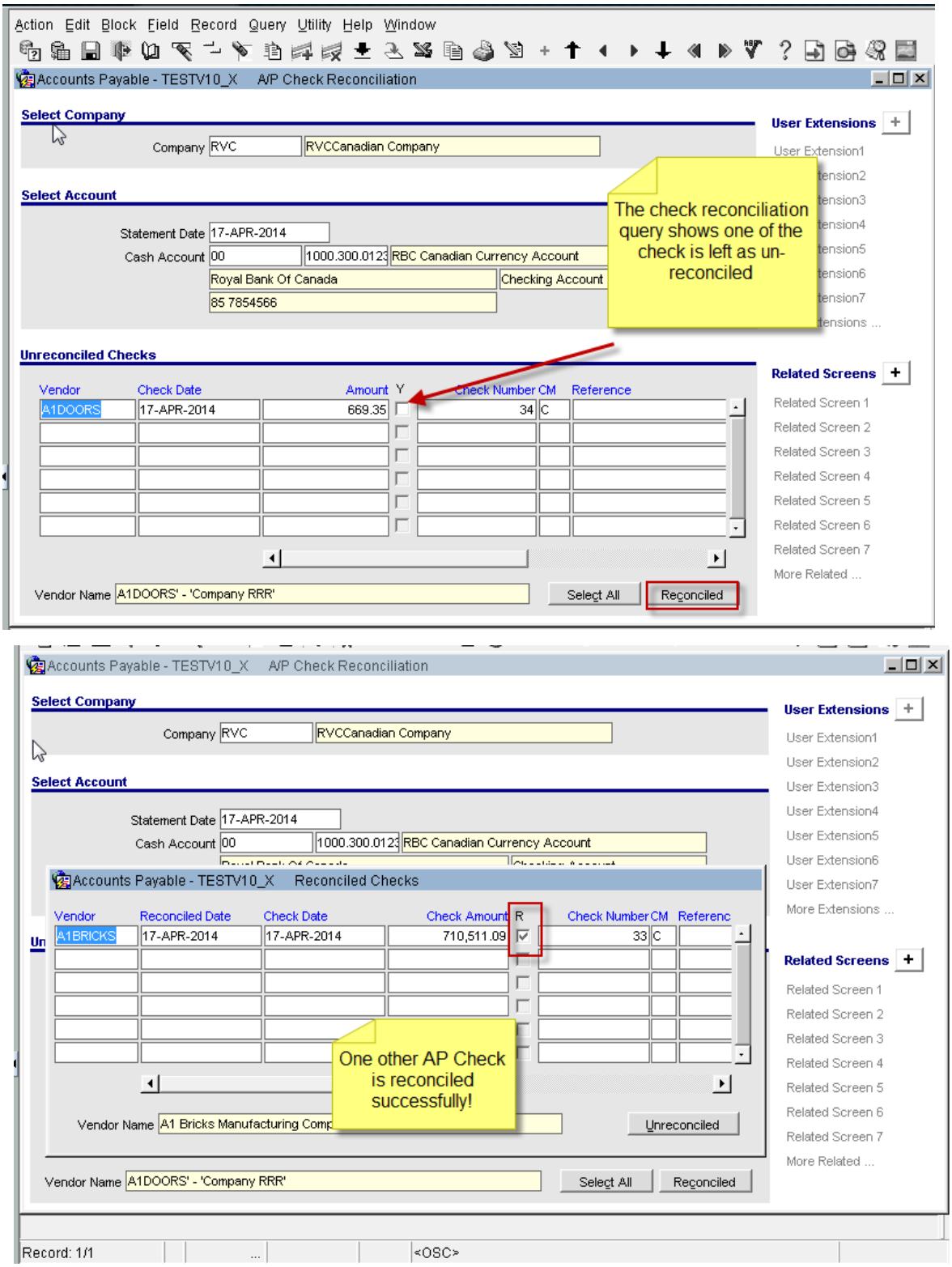
BANKING - ELECTRONIC BANK RECONCILIATION REPORT

Rec. Seq. Number	Table Code	Trans. Code	Check Number	Amount	Issue Date	Paid Date	Error
0	AP		33	710,511.09		17-APR-14	
1	AP		34	679.54		17-APR-14	Check amount 669.35 does not match bank amount 679.54
Total Records		2	Total Amt.	711,190.63			

END OF REPORT

Report Parameters

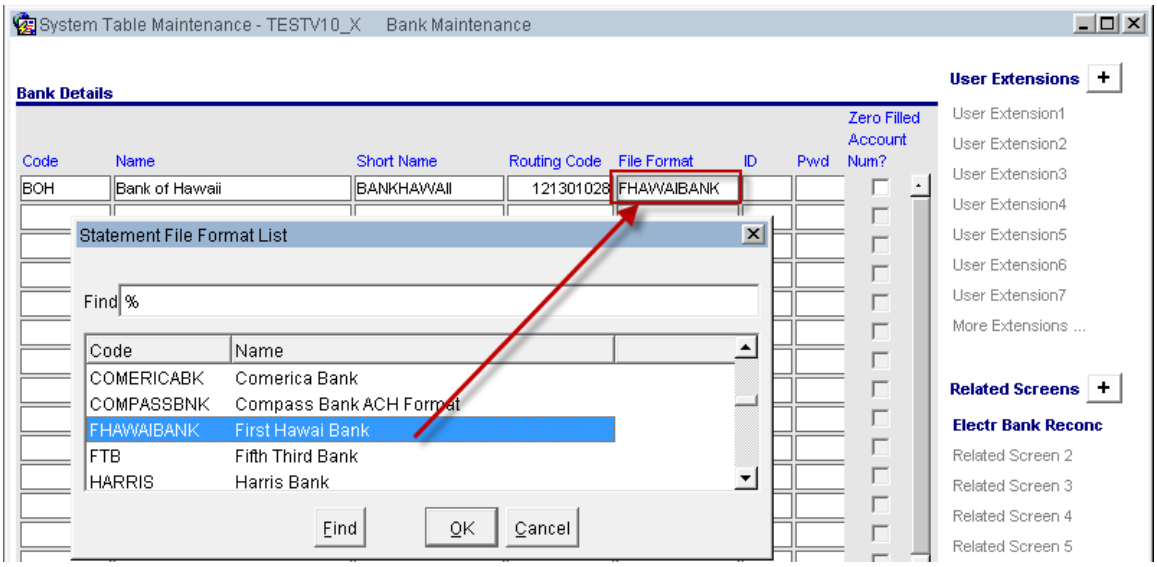
Bank Code:	RBC	Debit Count:	2	Run Date:	APR 17, 2014
Account No:	7854566	Debit Amount:	711190.63	Run Time:	10:08 AM
File Date:	APR 17, 2014	Credit Count:	0	Report Code:	BA1000
Begin Date:	APR 17, 2014	Credit Amount:	0	Operator:	RAVI
End Date:	APR 17, 2014	Report ID:	61		



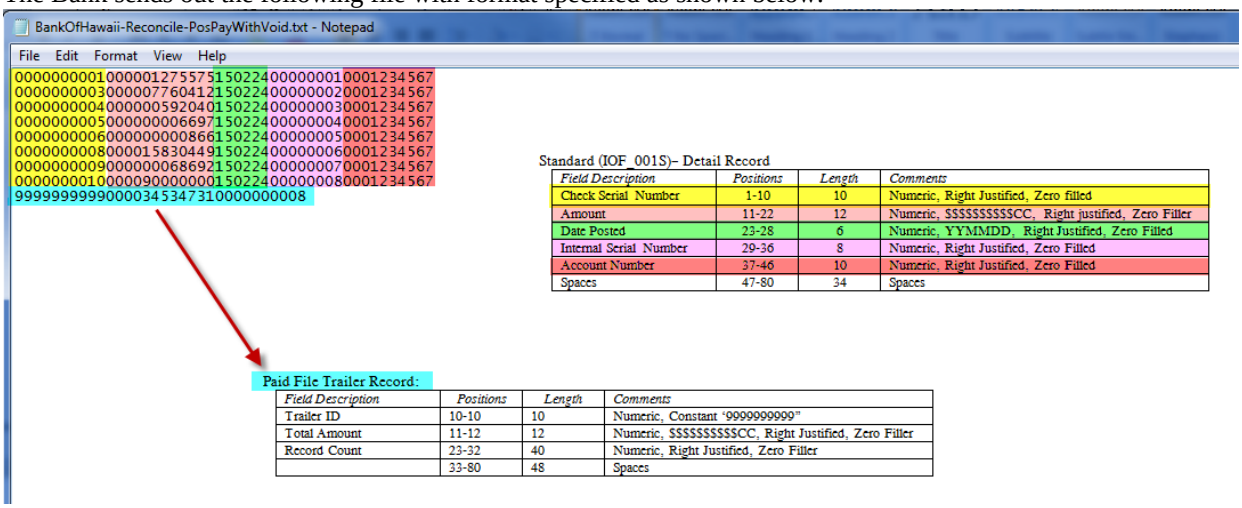
The A/P Check reconciliation form shows the checks reconciled successfully.

Bank of Hawaii - Bank Reconciliation Format (14.96168)

A bank reconciliation format **FHAWAIBANK** is available in the 'Bank Maintenance' form. users have to select the same against the required Bank of Hawaii record.



The Bank sends out the following file with format specified as shown below.

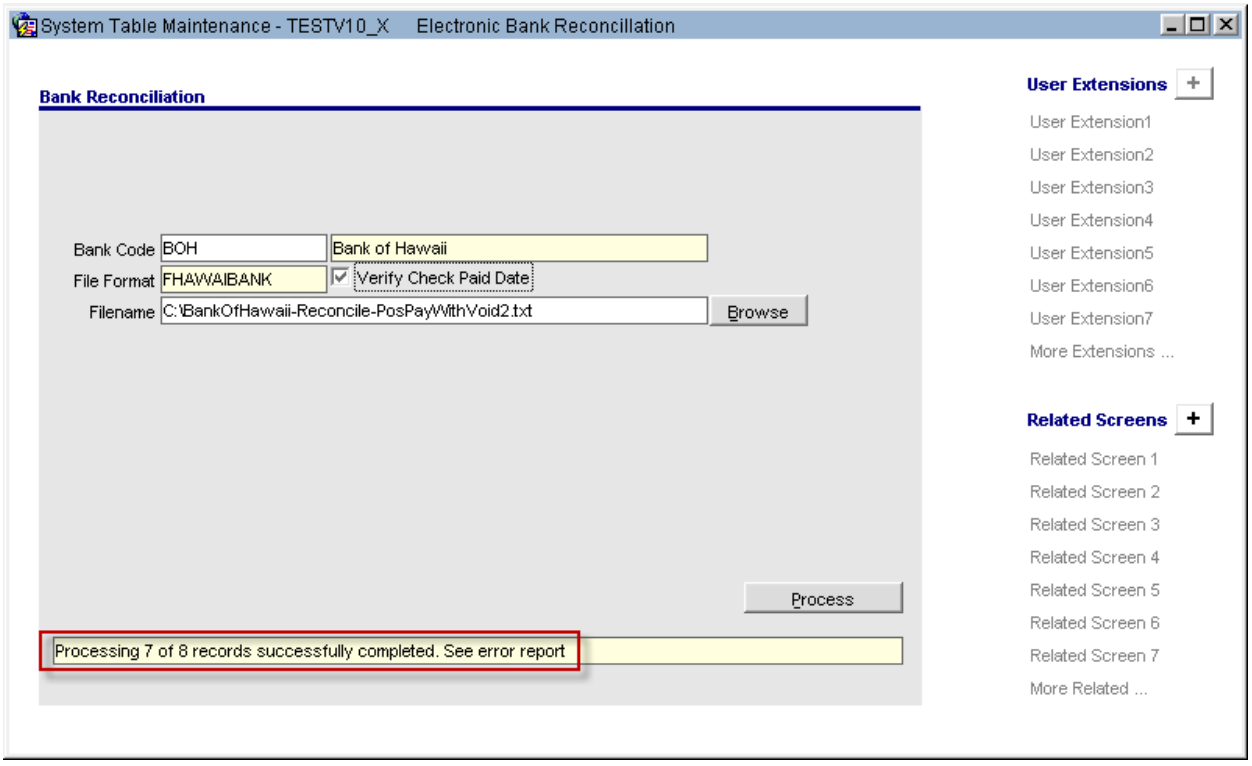


Standard (IOF_001S)– Detail Record

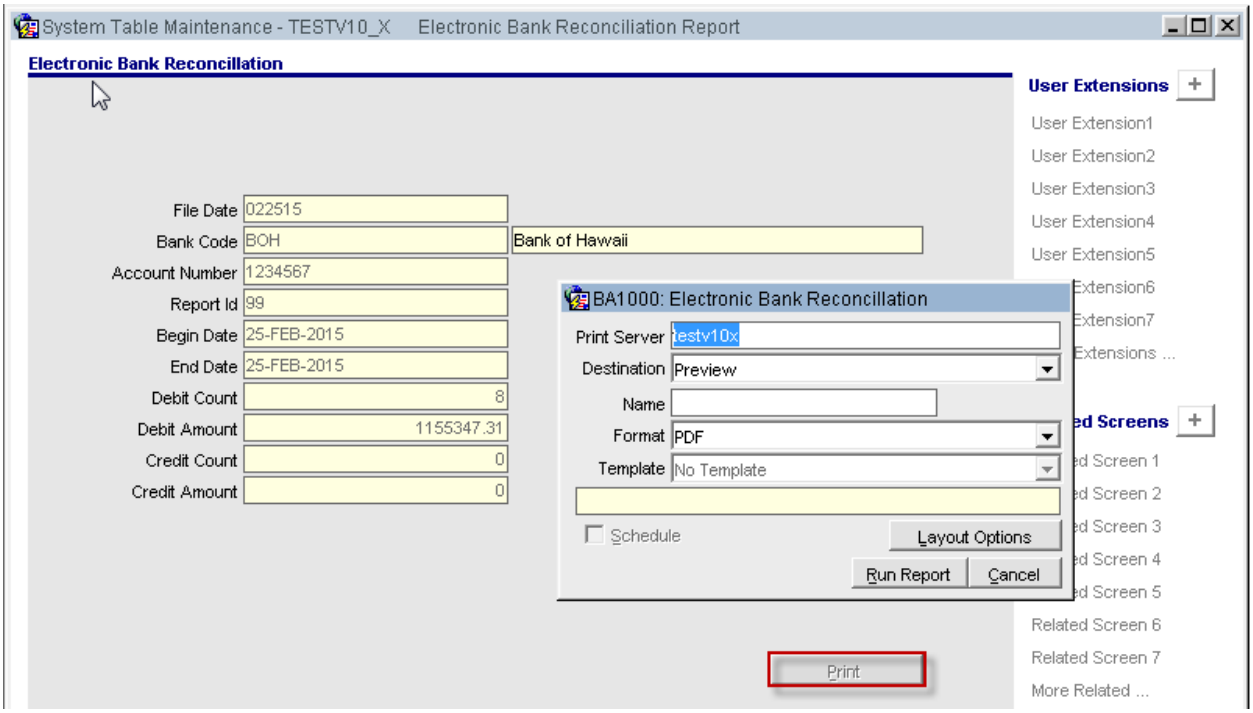
Field Description	*Positions*	*Length*	*Comments*
Check Serial Number	1-10	10	Numeric, Right Justified, Zero filled
Amount	11-22	12	Numeric, $$$$$$$$$$CC, Right justified, Zero Filler
Date Posted	23-28	6	Numeric, YYMMDD, Right Justified, Zero Filled
Internal Serial Number	29-36	8	Numeric, Right Justified, Zero Filled
Account Number	37-46	10	Numeric, Right Justified, Zero Filled
Spaces	47-80	34	Spaces

Paid File Trailer Record:

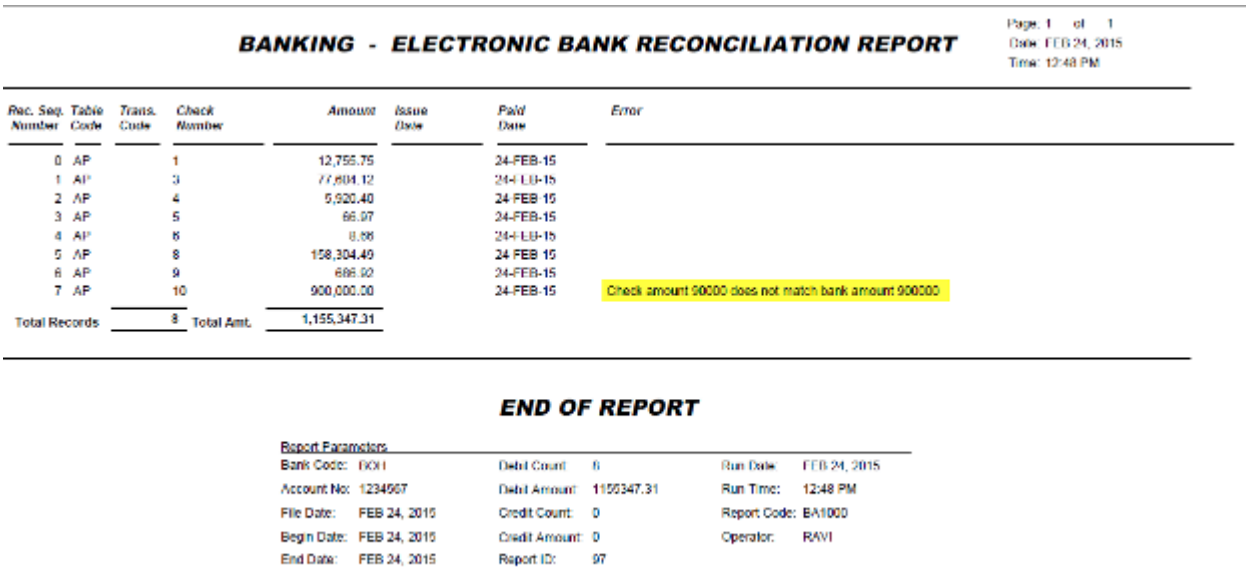
Field Description	*Positions*	*Length*	*Comments*
Trailer ID	10-10	10	Numeric, Constant '9999999999'
Total Amount	11-12	12	Numeric, $$$$$$$$$$CC, Right Justified, Zero Filler
Record Count	23-32	40	Numeric, Right Justified, Zero Filler
	33-80	48	Spaces



Once processed, the processing message displays the number of records successfully reconciled.



Users may also print the 'Reconciliation Report' to verify for any error messages.



BANKING - ELECTRONIC BANK RECONCILIATION REPORT

Page: 1 of 1
Date: FEB 24, 2015
Time: 12:48 PM

Rec. Seq. Number	Table Code	Trans. Code	Check Number	Amount	Issue Date	Paid Date	Error
0	AP		1	12,755.75		24-FEB-15	
1	AP		3	77,604.12		24-FEB-15	
2	AP		4	5,920.40		24-FEB-15	
3	AP		5	66.97		24-FEB-15	
4	AP		6	8.66		24-FEB-15	
5	AP		8	158,304.49		24-FEB-15	
6	AP		9	666.92		24-FEB-15	
7	AP		10	900,000.00		24-FEB-15	Check amount 90000 does not match bank amount 900000
Total Records		8	Total Amt.	1,155,347.31			

END OF REPORT

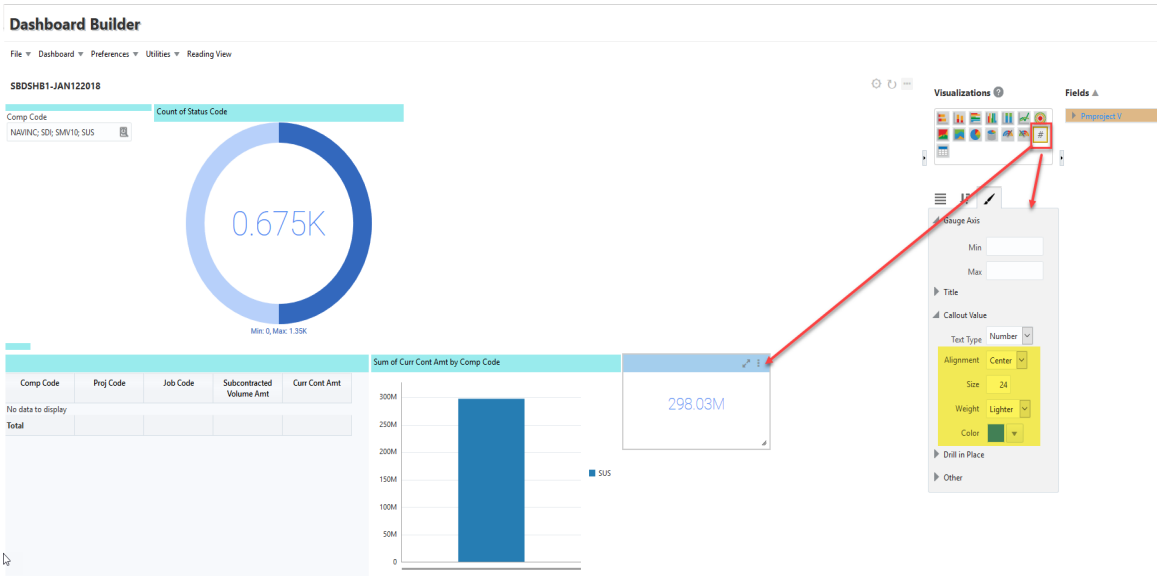
Report Parameters

Bank Code:	BOI	Debit Count:	6	Run Date:	FEB 24, 2015
Account No:	1234567	Debit Amount:	1155347.31	Run Time:	12:48 PM
File Date:	FEB 24, 2015	Credit Count:	0	Report Code:	BA1000
Begin Date:	FEB 24, 2015	Credit Amount:	0	Operator:	RAVI
End Date:	FEB 24, 2015	Report ID:	97		

If required, the reconciled checks may be verified in AP > Checks>Reconcile form for the recociliation date as well.

BI Dashboard

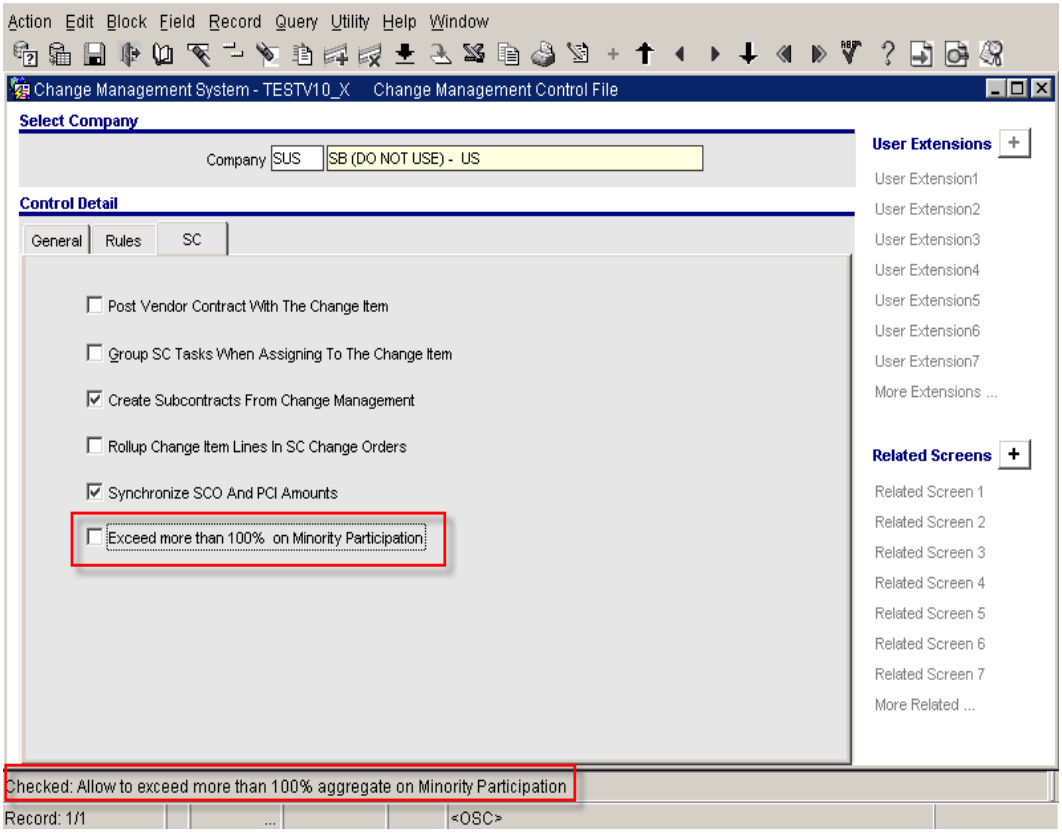
Gauge (Number) Visualization (16.16221-885)



Added a new visualization: Gauge (Number). It is a gauge without the status indicator. Also added the following properties for the callout value: alignment, size, weight and color.

Change Management

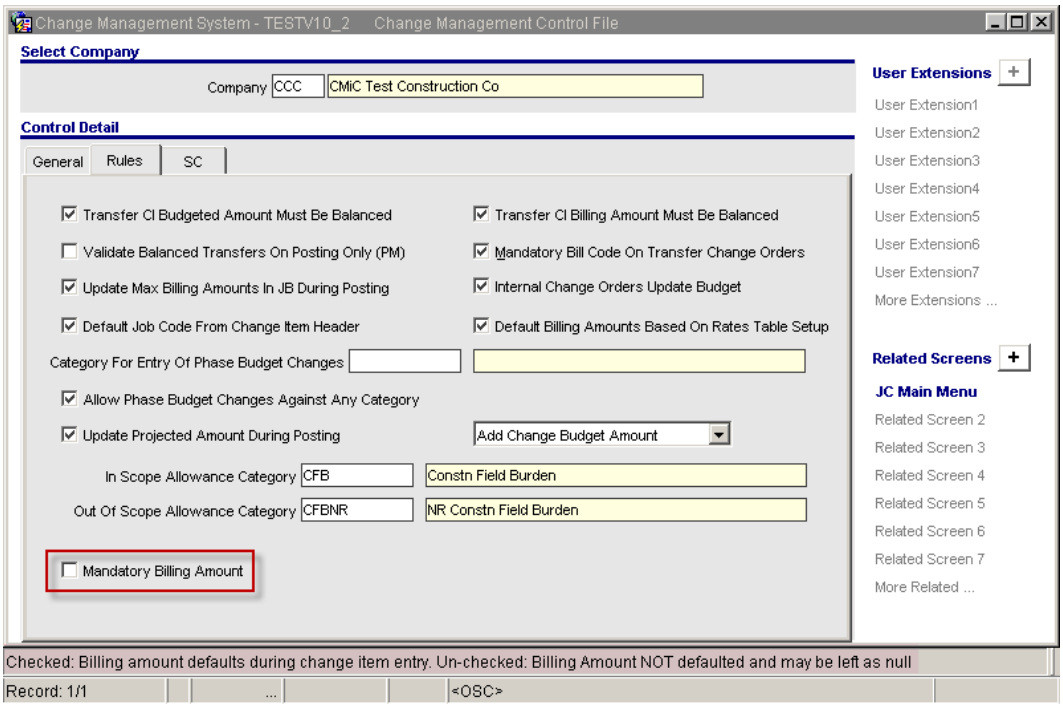
Minority Participation of more than 100% on aggregate (12.66906)



Added the flag '**Exceed more than 100% on Minority Participation**' to the SC tab of the Change Management Control File. By default the flag is un-checked (to retain previous functionality). When checked, the **Aggregate %** for Minority Participation can surpass 100%, but an individual line should still only allow a maximum of 100%.

This change is not applicable to JSP.

Change Item Entry - Billing Amount validation changes (12.73154)



CM Control File

The Control file is modified with the addition of 'Mandatory Billing Amount' check box under the rules tab. The default value is checked. All existing CM control files will be updated to be set as 'Y' as well.

When checked, during change item entry, the billing amount column value is mandatory and is defaulted with the budget amount (existing functionality), ie. External, Transfer and Original Budget Change Orders require a billing amount is entered. Users may override the billing amount which will be preserved as well. Assigning a subcontract entry will also populate the value.

When un-checked, the billing amount column is NOT defaulted with an amount and not required as well. Users are allowed to leave it as null or override with an amount if required.

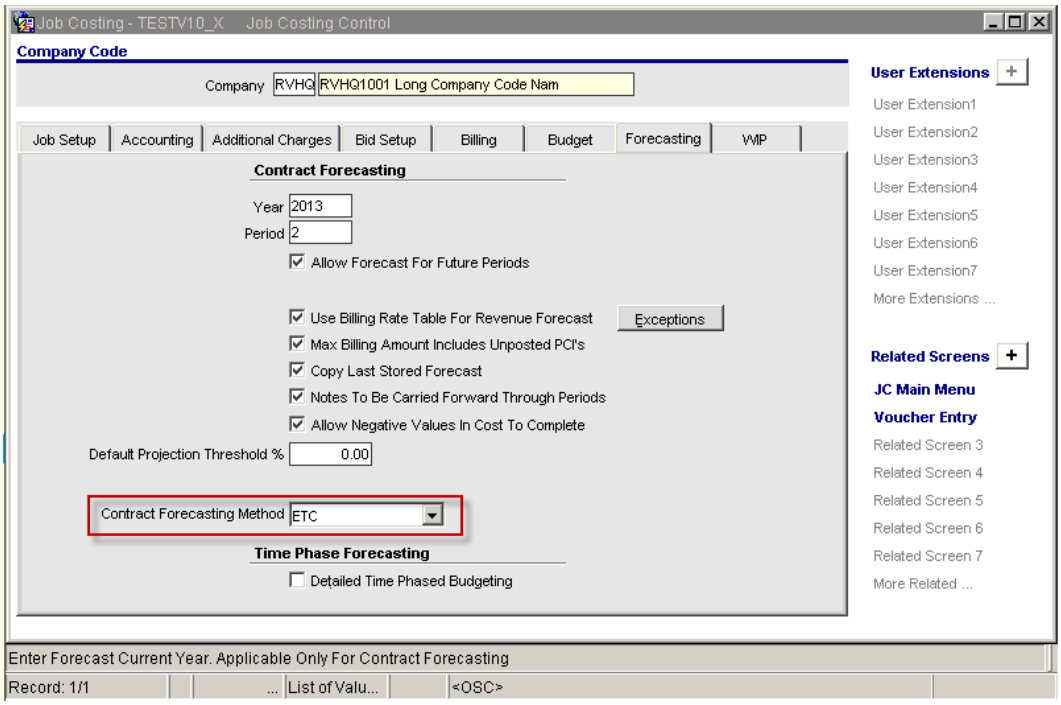
The modifications apply to both CM and PM versions of the form (cmchgfm.fmx & pmchgfm.fmx)

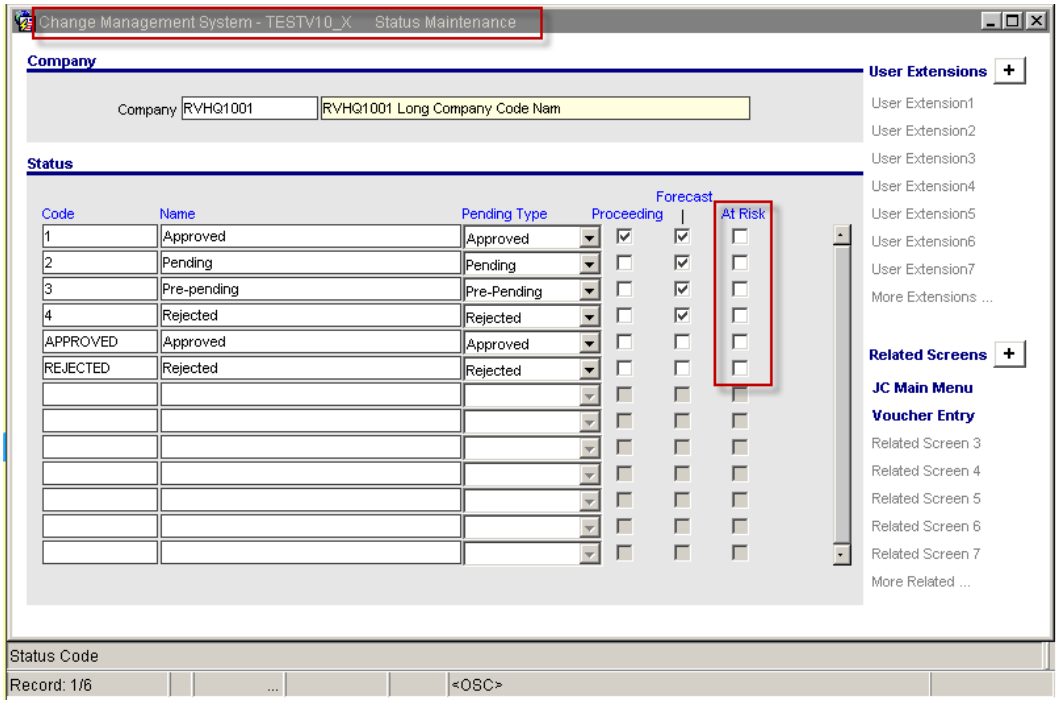
Currently this modification applies to enterprise forms version only. The JSP & ADF versions will be updated in future patch releases.

Change order Status Code – At Risk column (12.74434)

The Change Order Status Maintenance is modified with the addition of 'At Risk' column, which in turn is visible, only when the JC Control file > Forecasting Tab > Contract Forecasting method is set as 'ETC'. Any Change order with a status which is flagged as "Included Forecast" and "At Risk" will be included in the following columns on the ETC Forecasting screen

1. Risk Pending Included Amount 2. Risk Amended Included Amount





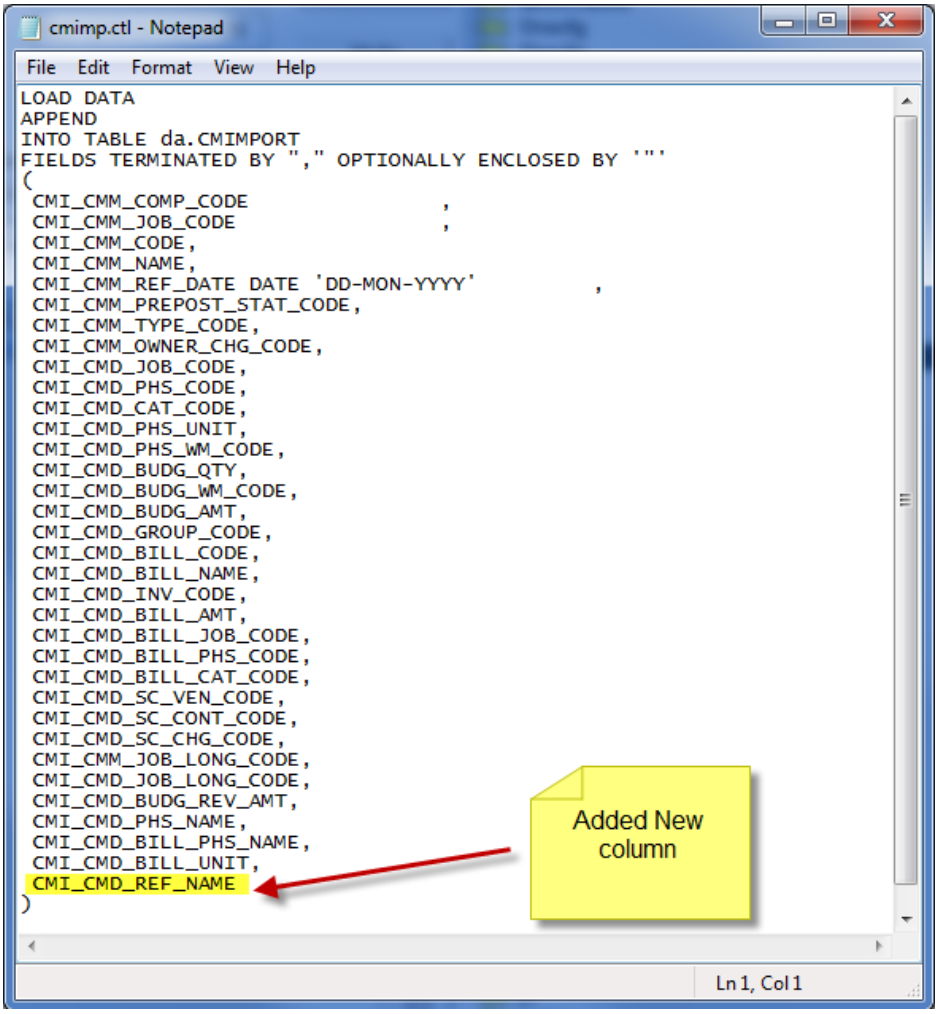
NOTE: This modification affects only the ADF version of the Forecasting screen ‘ETC’

Change Order Import Utility with a new column (13.84008)

To add the Reference Name field CMI_CMD_REF_NAME to the Change Order Import programs, so that, users will be able to populate the Long Description column in the Change Order Entry details section directly via import.

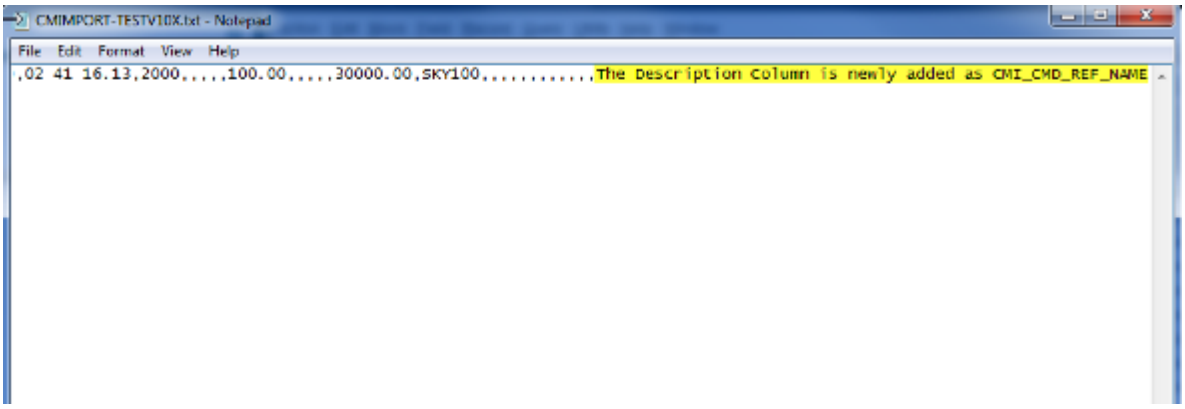
Modifications:

The Change Order Import Control file, the Change Order Import Utility form & the package body are modified to work with the additional column CMI_CMD_REF_NAME

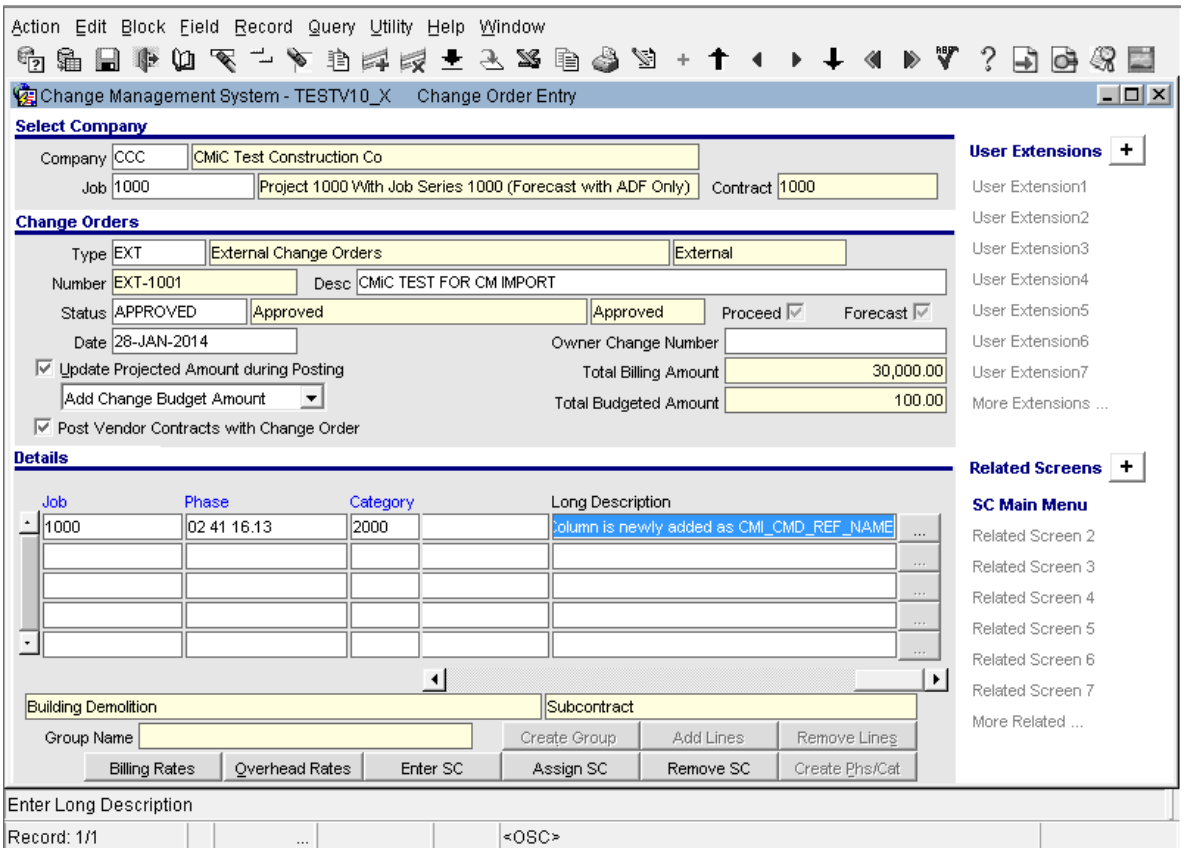


CMIMP.ctl file

The Control File layout shows the newly added column



Sample Text File for Import



Change Order Entry Form

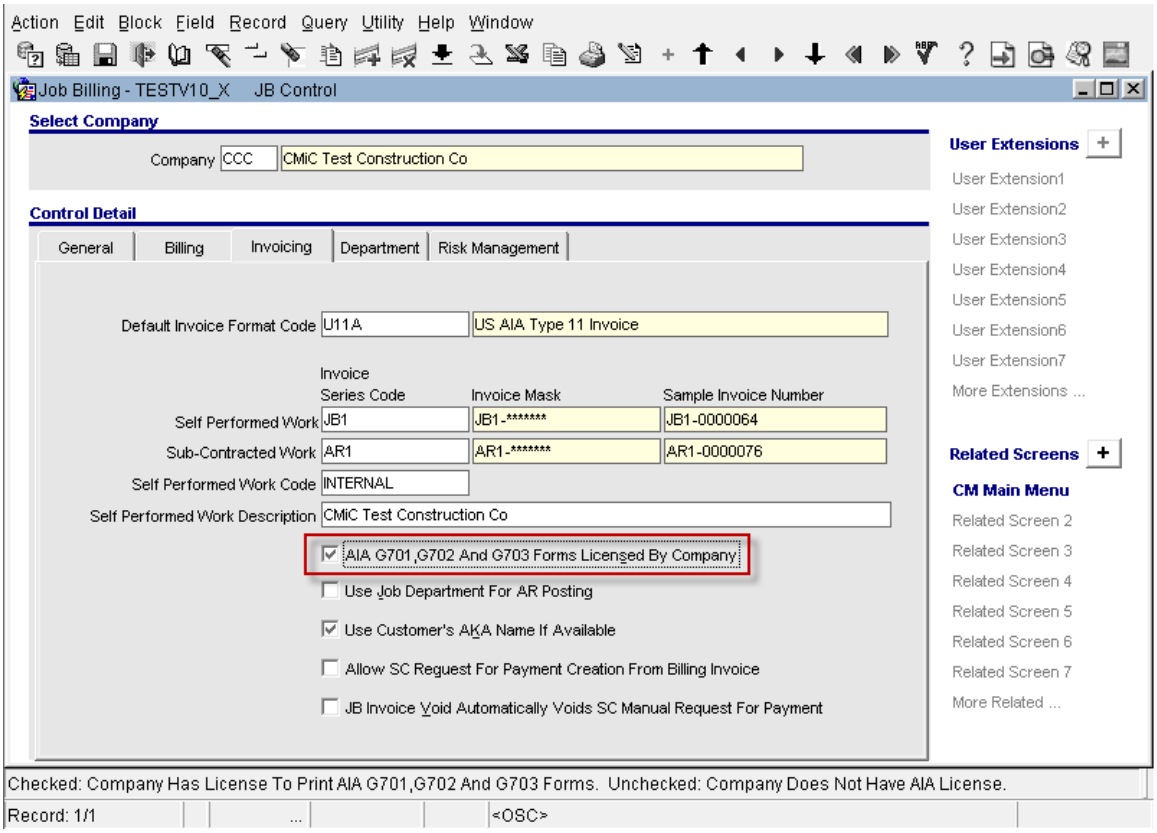
The Change Order Entry form shows the 'Long Description' column with the value that was imported using the newly created import column. CMI_CMD_REF_NAME

Owner Change Order Document (G701 Report) (14.86344)

Added 'Owner Change Order Document' (or AIA® Document G701™ Change Order when licensed) report for use in Change / Project Management applications .

Modifications:

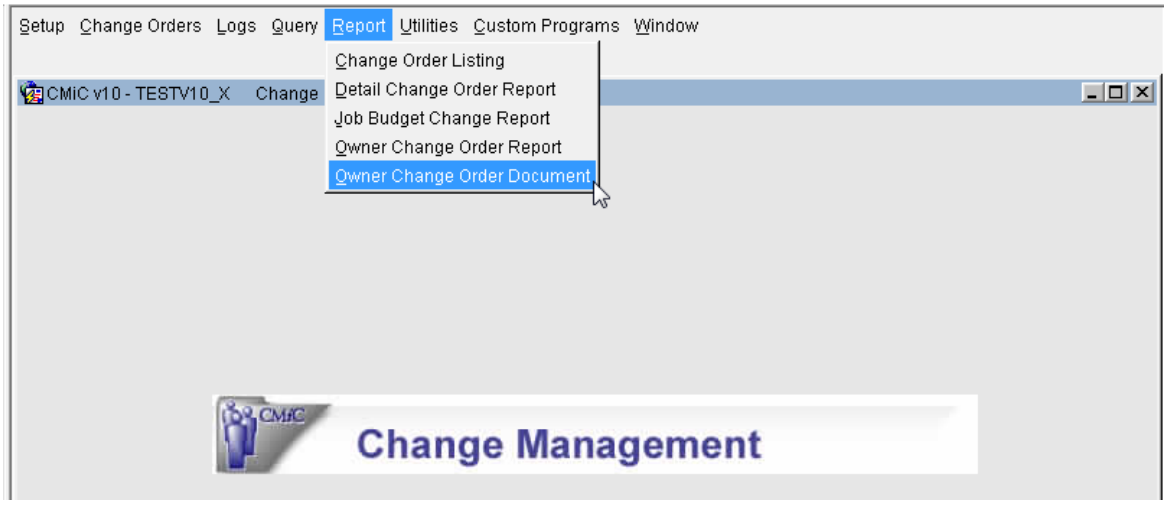
JB Control File



Job Billing Control File > *Invoicing Tab*

The flag related to AIA reports is amended to read as 'AIA G701, G702 and G703 Forms licensed by Company'. This flag value, when set as 'Y', identifies the Company as licensed to print the mentioned AIA reports and prints the G701. When a company is NOT licensed, then the report prints a Owner Change Order document without any reference to AIA and the related legal terms.

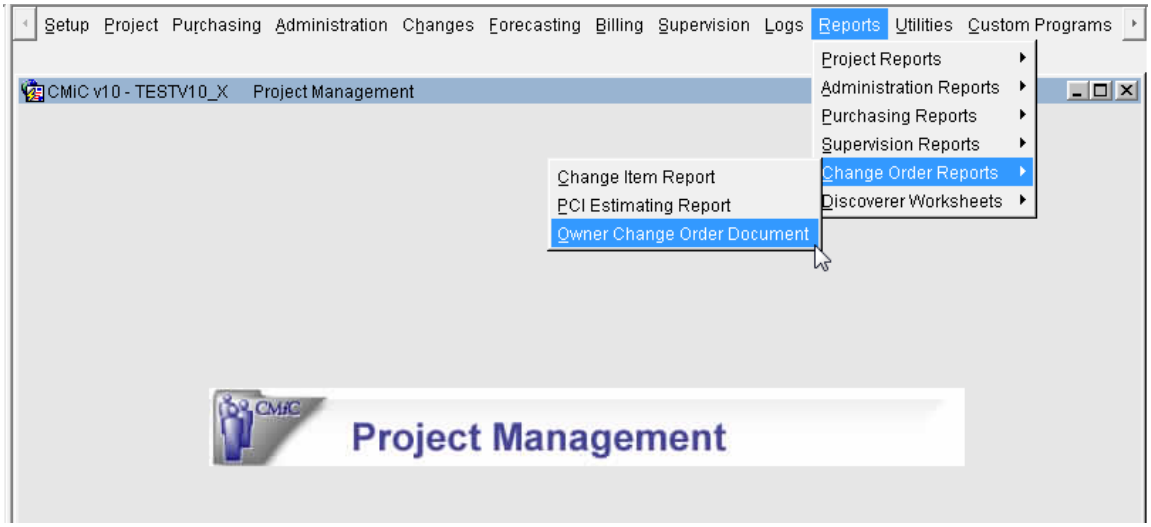
Change Management Menu



CM > Reports > Owner Change Order Document (pmg701.fmx)

The Change Management Menu is modified with the addition of a new report 'Owner Change Order Document' as shown.

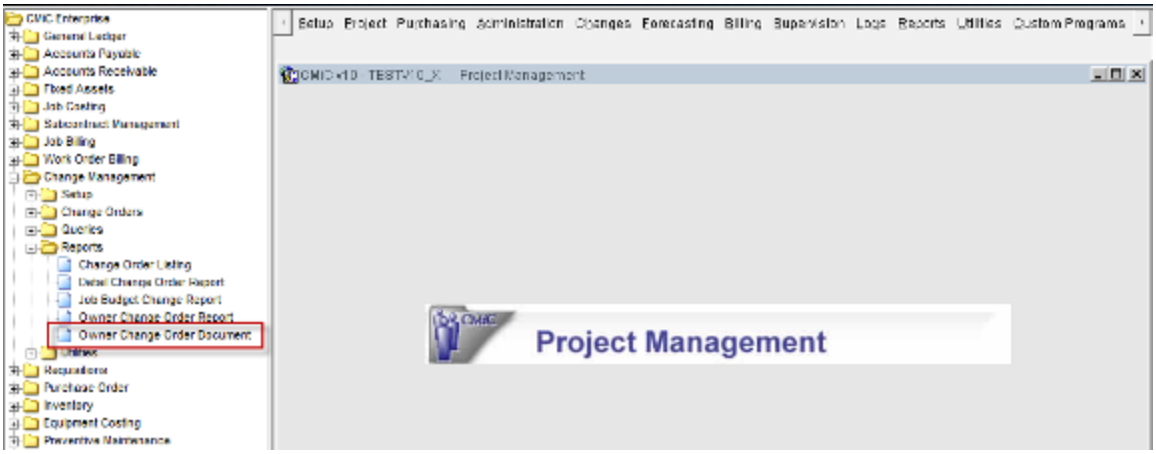
Project Management Menu



PM > Reports > Change Order Reports > Owner Change Order Document (pmg701.fmx)

Similarly, the Project Management Menu is modified with the addition of a new report 'Owner Change Order Document' as shown.

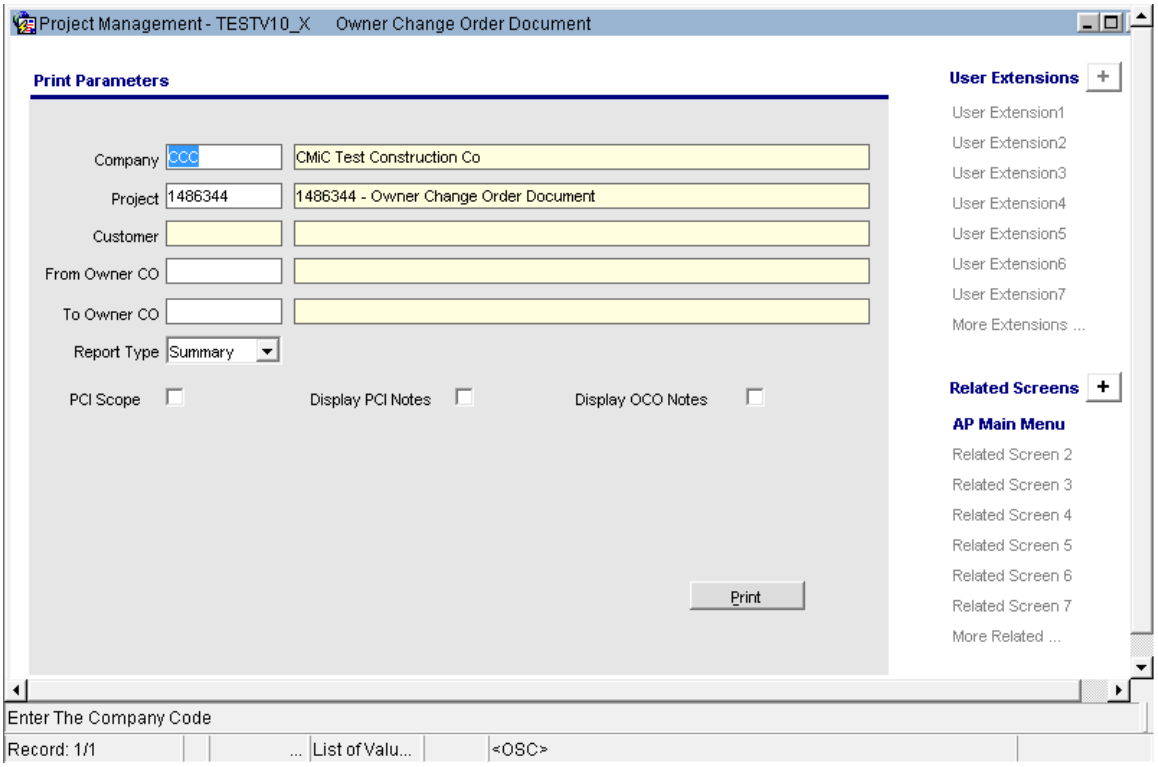
CMiC Standard tree view Menu



Standard Tree View Menu

The Standard Tree View Menu is modified with the new report under Change Management > Reports application.

Owner Change Order Document Report Launch Form



pmg701.fmx

The report launch form opens with the default user log on company and project code from the calling application, either CM or PM. The default report type is 'Summary' and the options to print the 'notes' are un-checked.

Company

Enter or select a valid company code from the Company List LOV. The program defaults user's CM/PM logon Company Code. Company Role Security applies.

Project

Enter or select a valid Project Code from the available LOV. The program defaults user's default CM/PM logon project code. Project Security applies.

Customer

Display only field. defaults the customer code from the project.

From Owner CO

Enter or select a 'From' Change order Code or leave blank to specify all.

To Owner CO

Enter or select a 'To' Change order Code or leave blank to specify all.

Report Type

Select an option 'Summary' or 'Detail' as the Report Type.

PCI Scope

Default value is unchecked.

Checked: Prints the PCI Scope Description.

Un-Checked: Prints PCI Description.

Display PCI Notes

Default value is unchecked.

Checked: Prints the PCI Notes. Only Open Notes will be printed in descending sort order.

Un-Checked: PCI Notes NOT printed.

Display OCO Notes

Default value is unchecked.

Checked: Prints the OCO Notes. The single OCO Note will be printed at the end of the last PCI information.

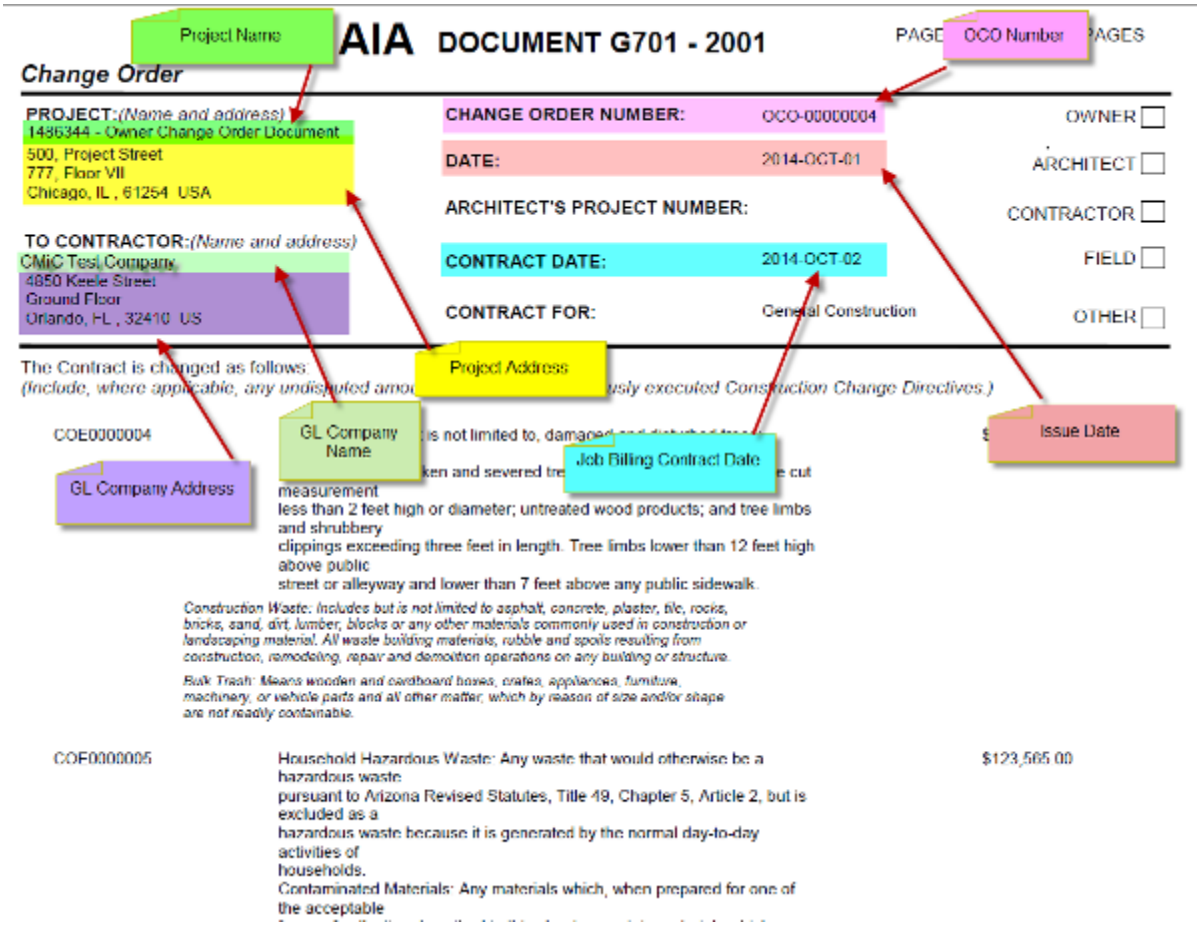
Un-Checked: OCO Notes NOT printed.

Report Column Mapping:

Name	User Interface	CMiC Table	Column Name
PROJECT:			
Project Name	Project Maintenance	PMPROJECT_TABLE	PMP_PROJ_NAME
Project Address	Project Maintenance	PMPROJECT_TABLE	PMP_ADD_LINE1 PMP_ADD_LINE2 PMP_ADD_LINE3 PMP_ REGION_CODE PMP_POSTAL_CODE PMP_COUNTRY_CODE
TO CONTRACTOR:			
Company Name	GL Company Maintenance	COMPANY	COMP_NAME
Company Address	GL Company Maintenance	COMPANY	COMP_ADD1 COMP_ADD2 COMP_ADD3 COMP_REGION_CODE COMP_POSTAL_CODE COMP_COUNTRY
CHANGE ORDER NUMBER:			
Change Order Number	Owner Change Order Entry	CMOWNCHGNUM	CMOCN_CODE
DATE:			
Issued Date	Owner Change Order Entry	MOWNCHGNUM	CMOCN_ISSUED_DATE
ARCHITECT'S PROJECT NUMBER:			
			Blank
CONTRACT DATE:			
Billing Contract Date	JB Contract Entry	JBCONT	JBC_CONT_DATE

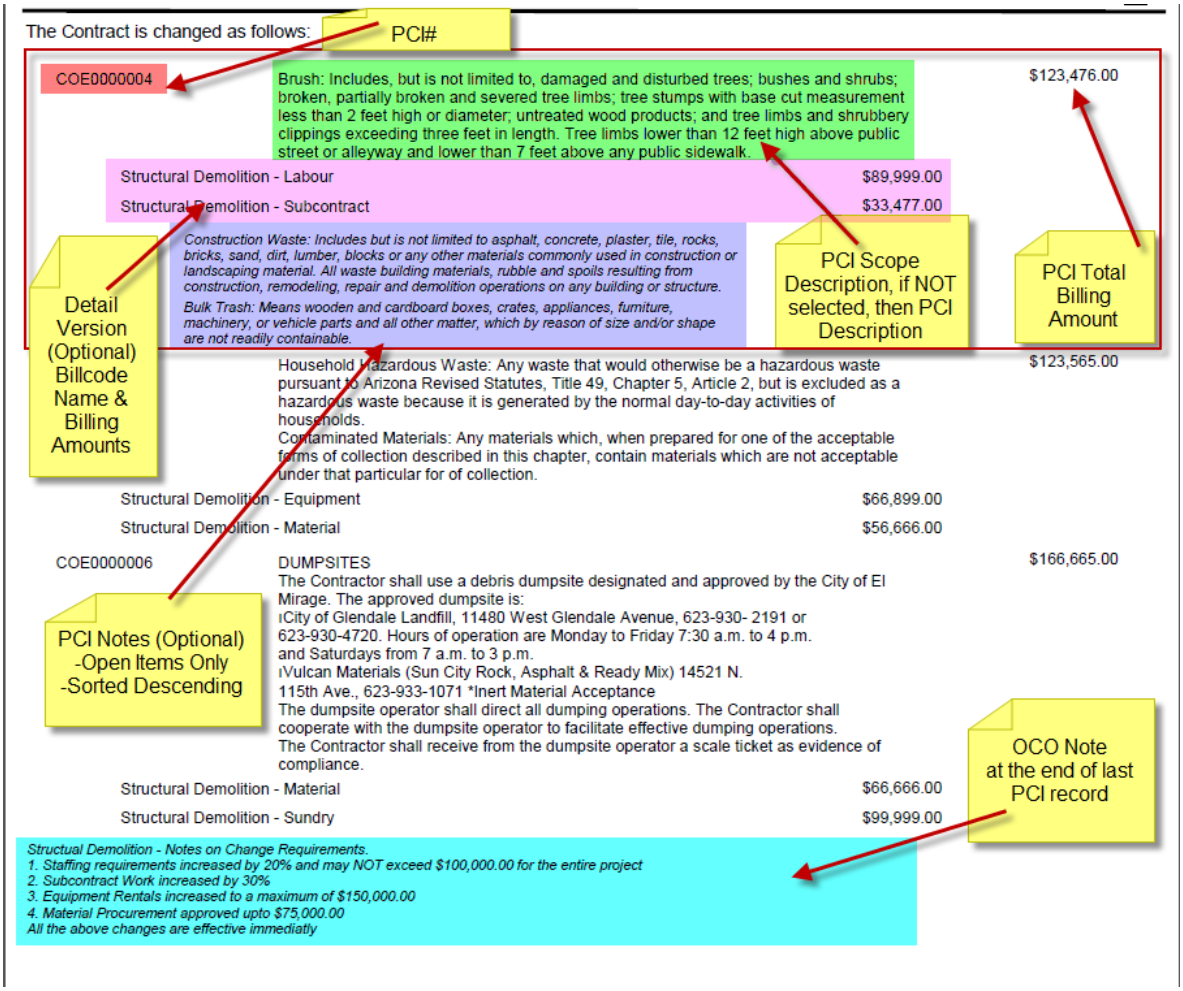
CONTRACT FOR:			
			General Construction (Hardcoded value)

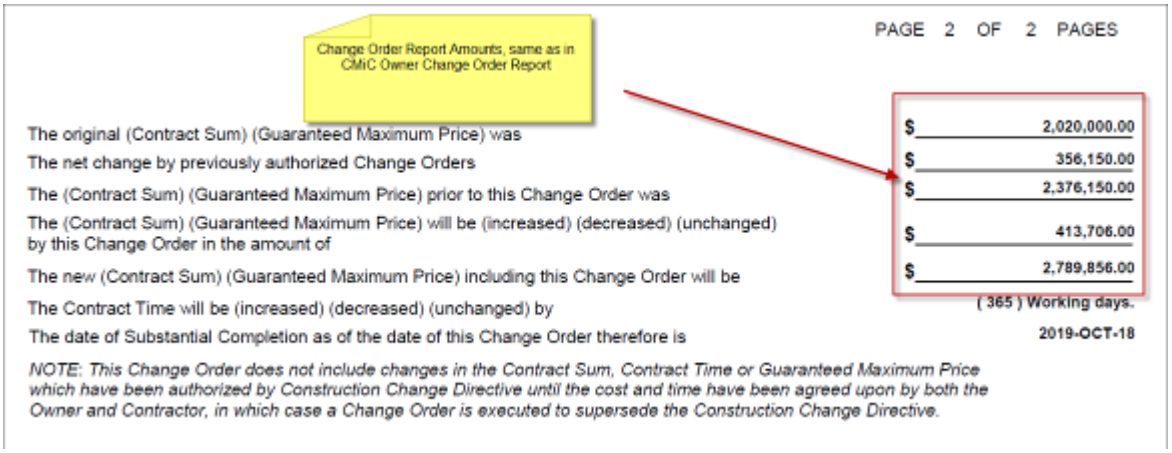
Change Order Header Section



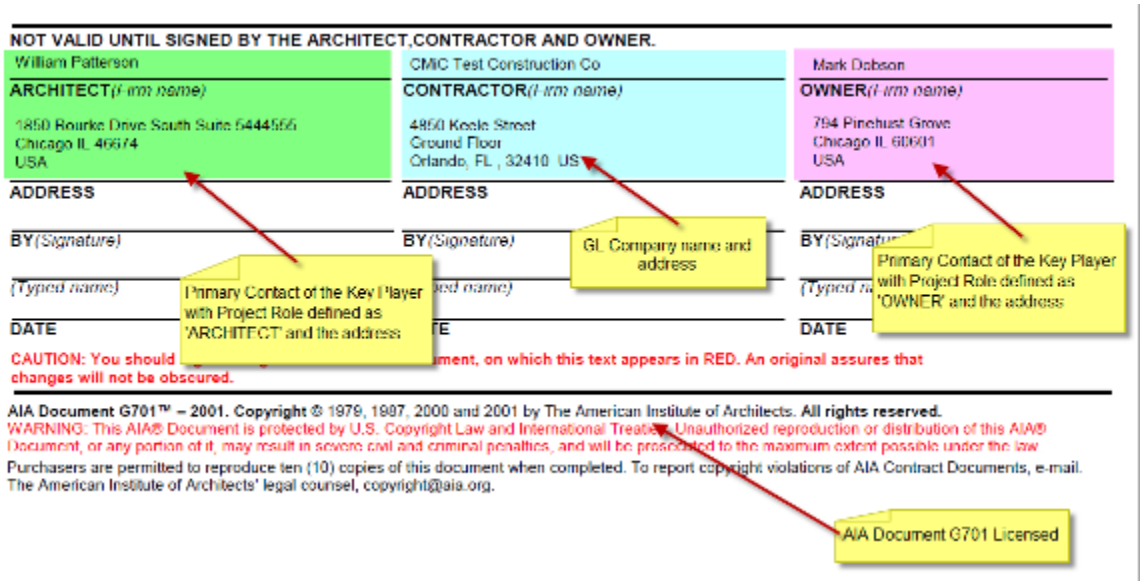
NOTE: THE AIA DOCUMENT G701-2001 TITLE WILL NOT BE PRINTED, WHEN A COMPANY IS NOT LICENSED AND THE JB CONTROL FLAG IS UN-CHECKED

Change Order Details Section





Change Order Footer (Signature) Section



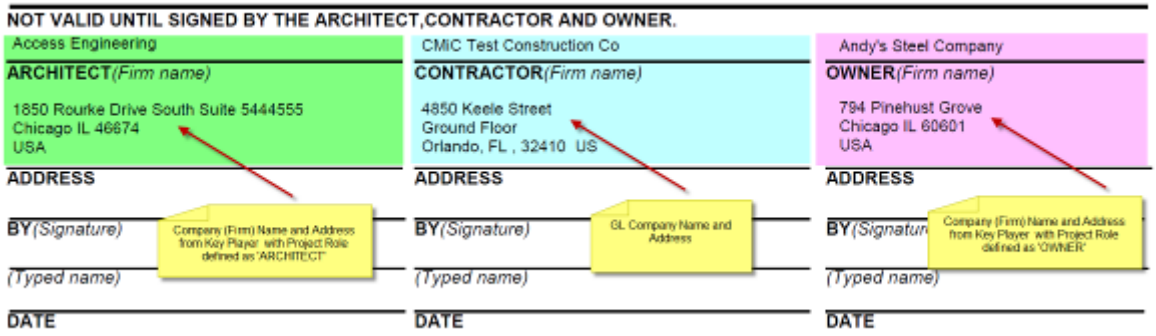
NOTE: THE AIA DOCUMENT G701-2001 LEGAL INFORMATION WILL NOT BE PRINTED, WHEN A COMPANY IS NOT LICENSED AND THE JB CONTROL FLAG IS UN-CHECKED

Revision Notes:

PMG701.REP Ver 1.5 Date: 18-Nov-2014

Description of Changes:

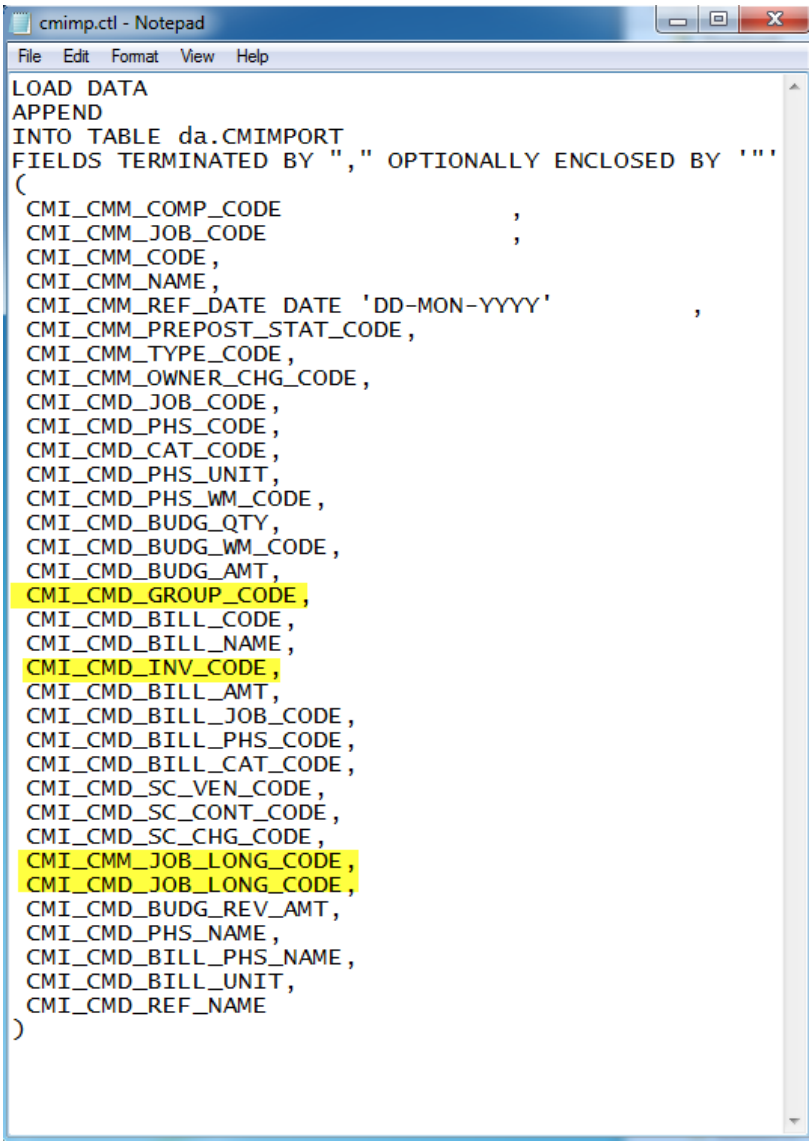
As per customer's request, the report footer (Signature) section is modified as shown below. Instead of Primary key player's name & address, the Firm Name & Address is printed now.



Re Added Columns to CM Import CTL file (16.19173)

Modifications:
The columns which were removed under 15.09495 are re added to the cmimp.ctl file.
Following Columns are re added:

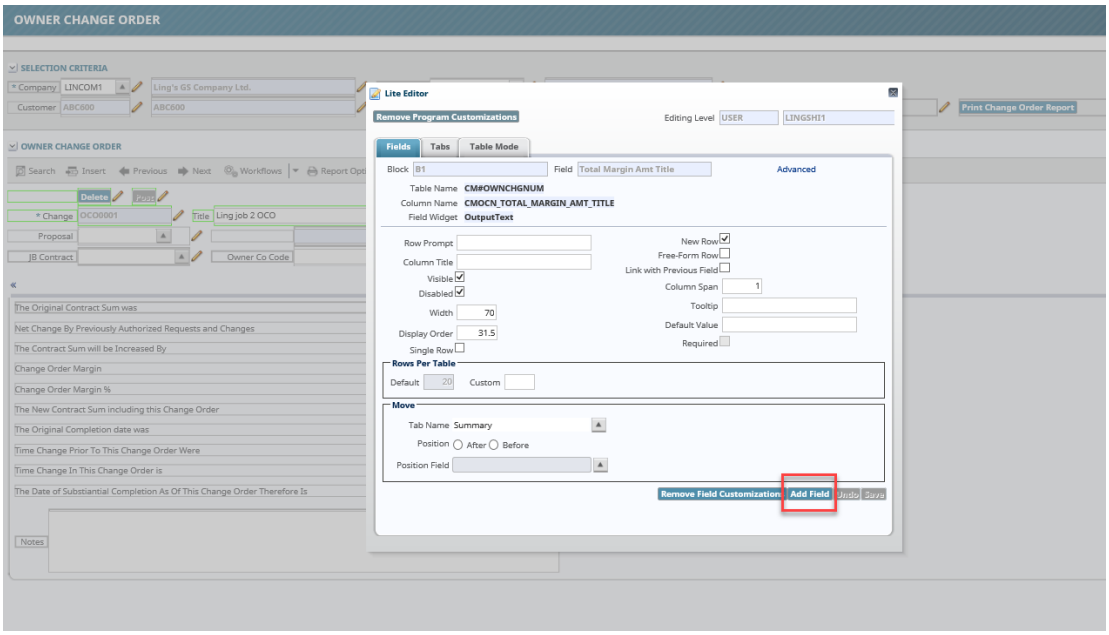
- CMI_CMD_GROUP_CODE
- CMI_CMD_INV_CODE
- CMI_CMM_JOB_LONG_CODE
- CMI_CMD_JOB_LONG_CODE



OCO JSP 18.57278 Enhancement for PMCHGFM Lite Editor in ADF

(19.79664)

Add 2 new columns (Total Margin Amount and Margin %) to Owner Change Order screen (invisible by default and to be added using Lite Editor) as what was done in issue 18.57278 for JSP Owner Change Order screen.



The Calculation is the same way as issue 18.57278

Example of 1 OCO with 2 PCI's:

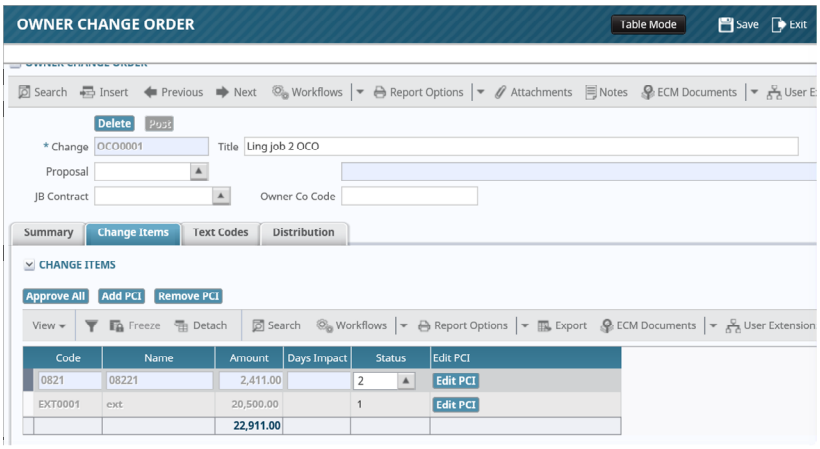
PCI 1 = 20500 (billing) - 12500 (budgeted) = 8000

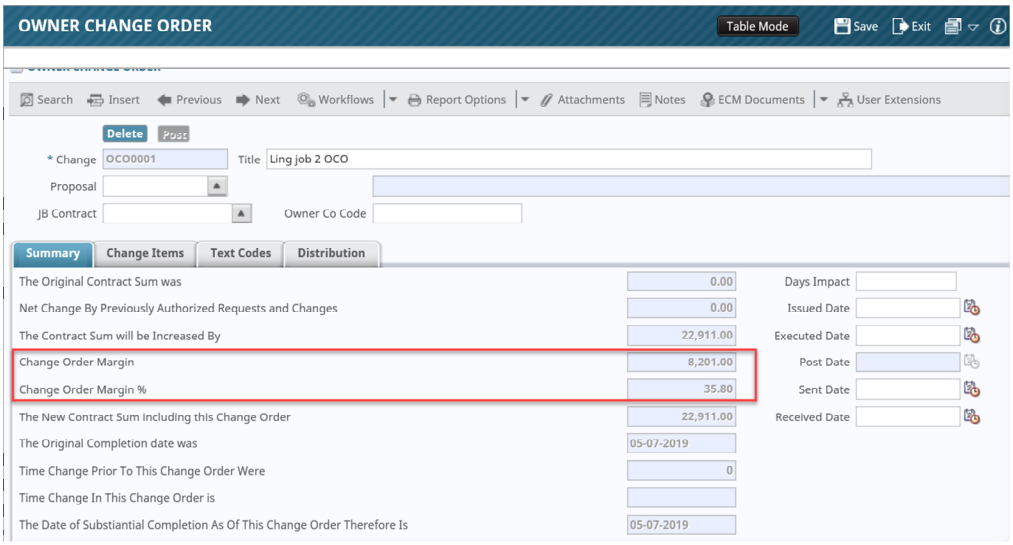
PCI 2 = 2411 (billing) - 2210 (budgeted) = 201

Final Margin and Margin %

Total Margin Amount = $8201 (8000 + 201)

Margin % = 35.8% (8201 / 22911)

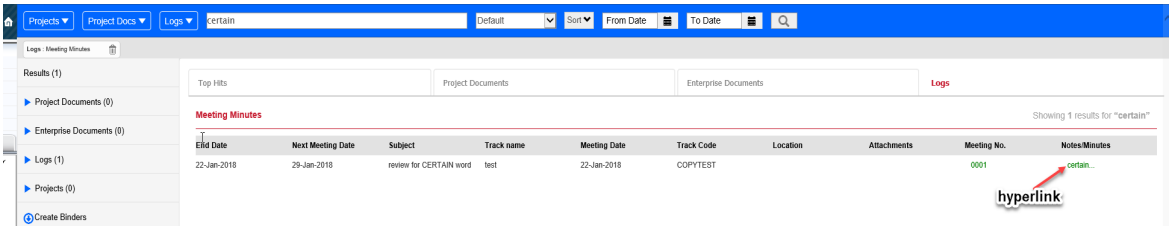




CMiC Search

Added ability to search Notes of Meeting Minutes (18.55612)

Added the ability to search the notes (agenda items) of Meeting Minutes to the CMiC Search program.



We have provided a column Notes/Minutes in the Meeting Minutes Log of CMiC Search, in which we show the string the user is searching for and present it as a hyperlink to go to the Meeting which contains those Notes and Minutes.

Dispatch

Moving Equipment Without Changing Status (11.65086)

- Dispatchers will be able to move a piece of equipment without going through the step of making a piece of equipment available. A popup will be provided that says 'This piece is currently [**x**] status on, are you sure? [**Yes**] or [**No**]' if yes is clicked the piece is then soft allocated to the new job.
- If the move conflicts with a future soft allocation, there should be a warning stating: 'Equipment is scheduled to move to Job [**X**] on Date [**Y**]'. The user will acknowledge the message by pressing the [**OK**] button and manually fix the conflict.

E-Time

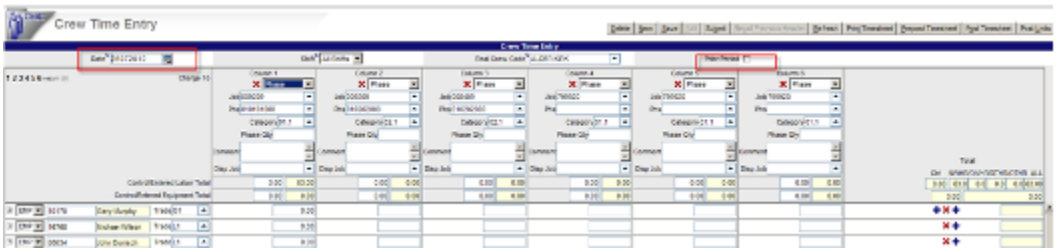
Crew Code as part of JC Transactions (09.31913)

- JC Detail table changed to include a "Crew" field
- Payroll Time sheet posting changed to insert the "Crew" code into JCDETAIL
- Payroll Time sheet voiding changed to deal with Crew Code
- Payroll Labor Transfer changed to include the Crew Code Field
- JC transaction entry - added Crew Code to detail section
- JC Posting - include crew code when posting to JCDETAIL
- EC Time Entry – added Crew Code to Time entry

Equipment Hours same as Employee on Crew Timesheet (09.40158)

In Crew Timesheet, changes have been made to have employee equipment assigned the same amount of time as the employee for NW (normal working hours). This assignment is done 'behind the scenes'.

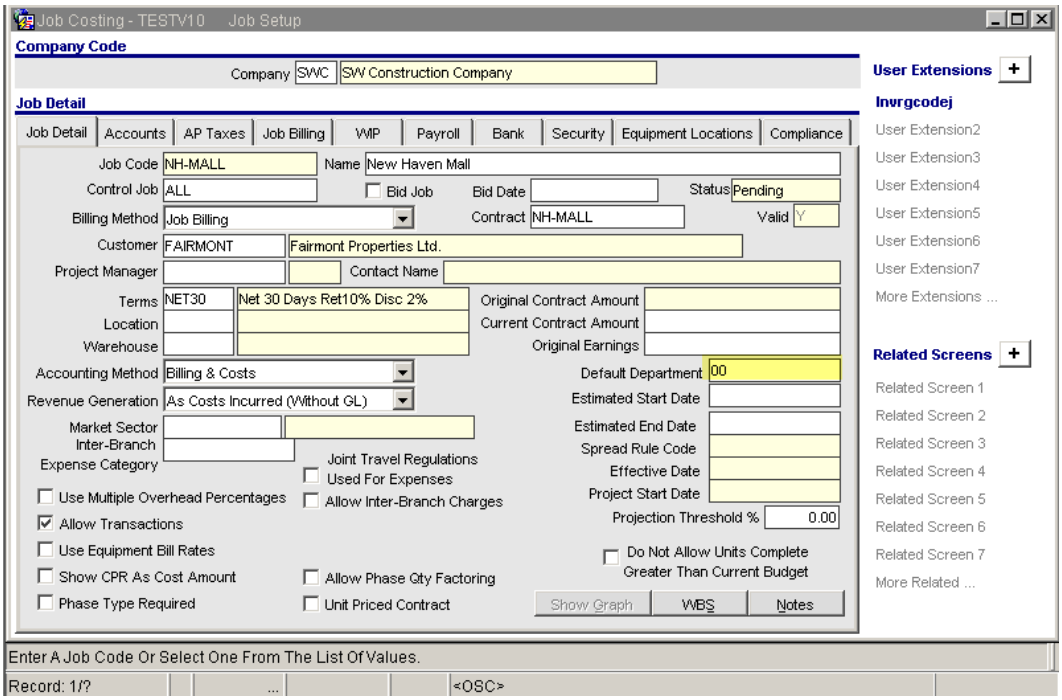
Crew and Mechanic Time – Overtime Processing for Prior Period (10.50772)



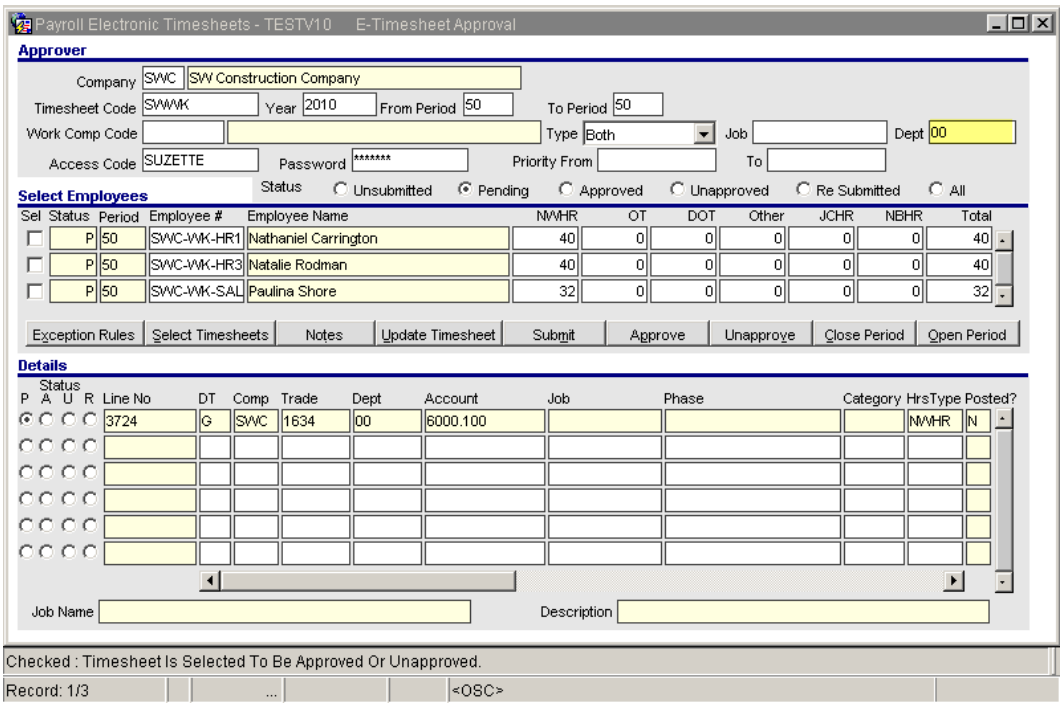
Added a 'Prior Period' flag to the header of the Crew and Mechanic timesheet screens to indicate if the timesheet is for a prior period, when using overtime rules. The default for this flag is 'un-checked'. The Over-Time processing routines will automatically exclude any timesheet where this new field = Y (this includes posted or un-posted timesheets).

Department Filter to the E-time Approval Screen (10.51479)

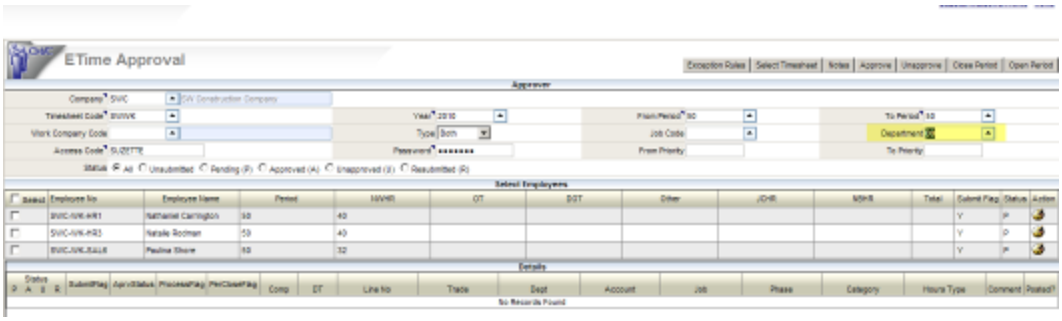
Added a Department Filter to the E-Time Approval screens. If a Department Code is entered, it will limit the Employee Section to only those employees with a timesheet where the Department Code matches the specified criteria. The Department Code applies to the department the job belongs to for J-lines and the department of a G-line.



The department code on the job will be used to determine the timesheets that are displayed based on a given criteria.



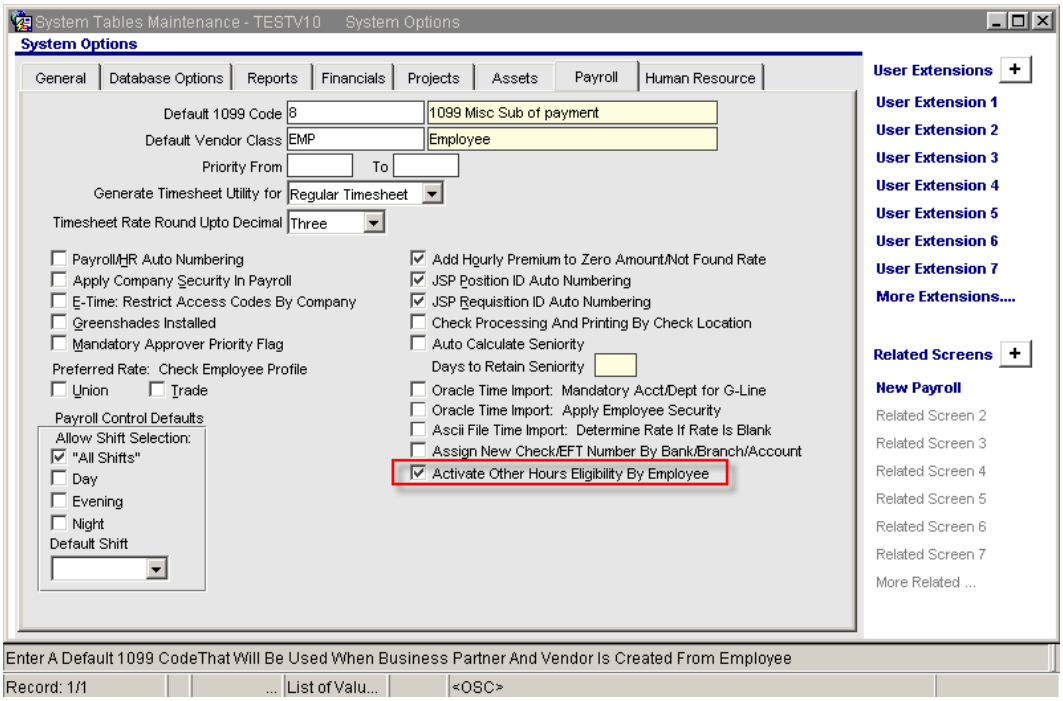
Timesheets entered against G-lines with the Department Code specified in the Approval screen, and timesheets against the job with the Department code specified will be displayed in E-Time Approval.



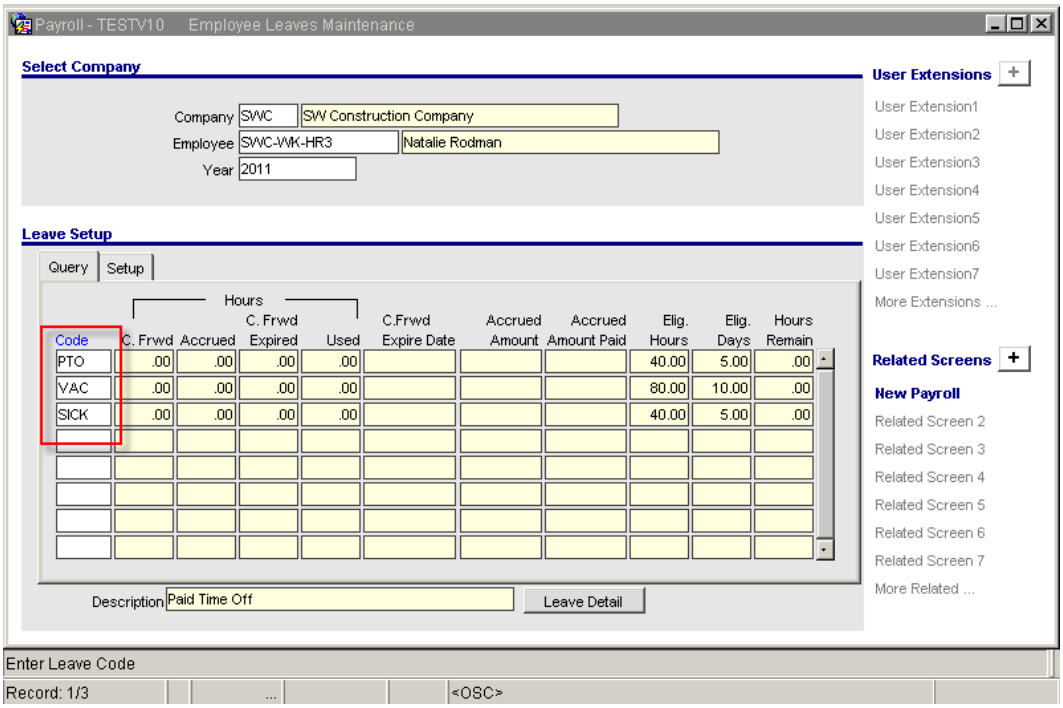
Similarly, the timesheets that satisfy the Department criteria will be displayed in JSP E-time Approval.

Leave (hour type) by employee in E-time (11.55131)

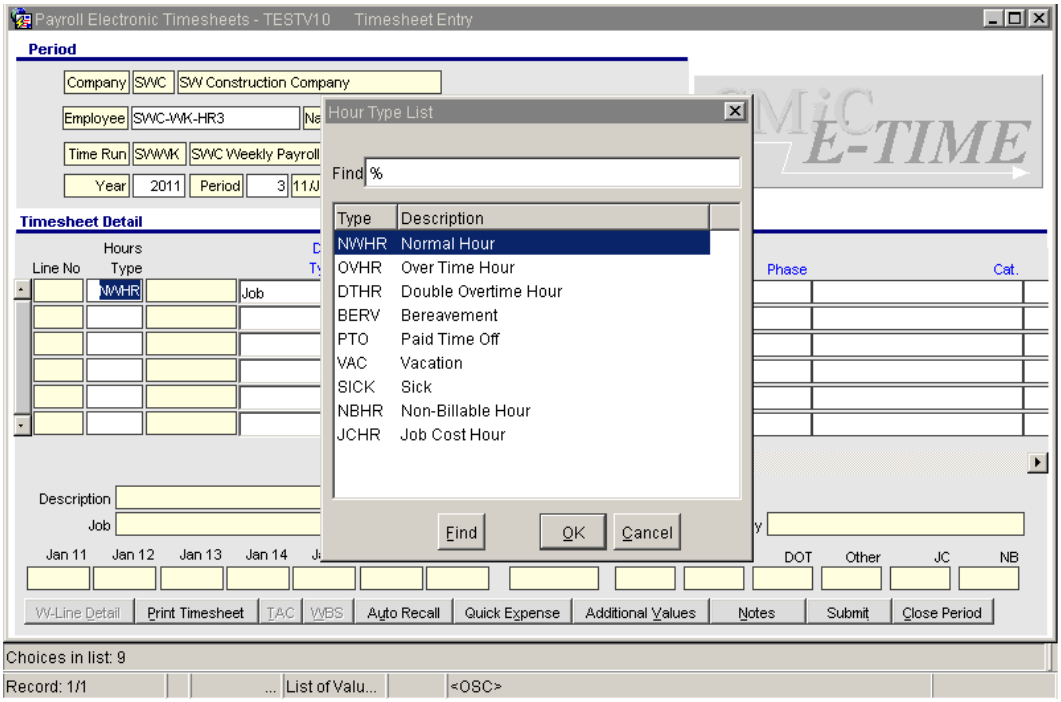
E-time entry screens have been modified to restrict Other Hours – Leave Hours based on the employee's eligibility.



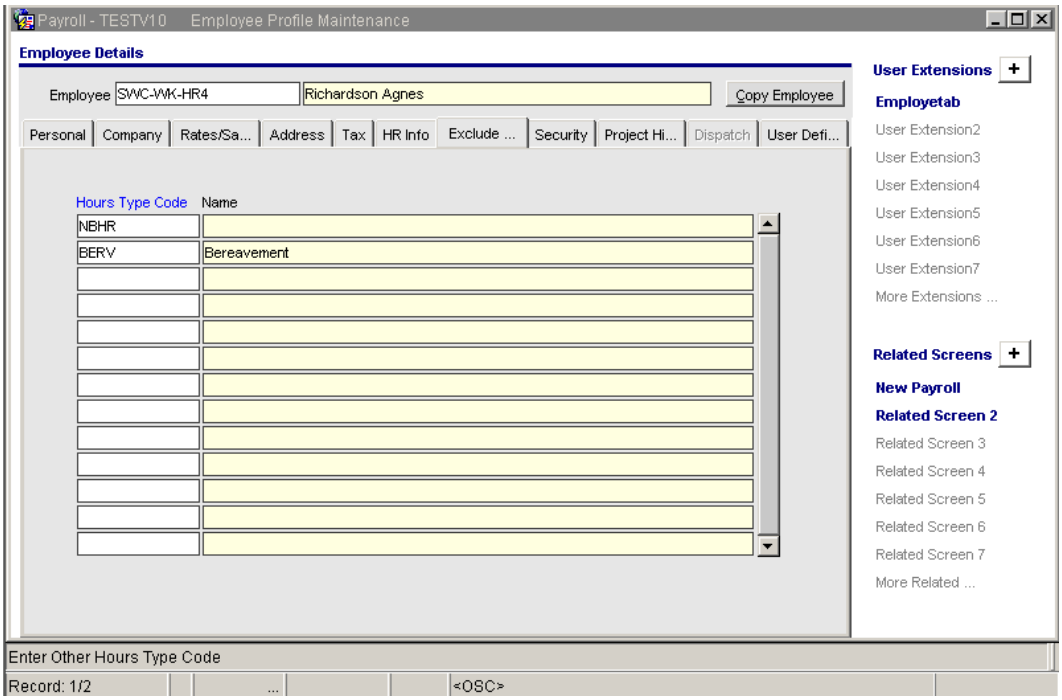
The functionality must first be activated by checking the "Activate Other Hours Eligibility By Employee" flag in System Options.



The list of values in e-time and the validation have been modified based on employee Leaves by year.



The Leaves displayed in the E-time entry Hours Type LOV are Leaves that the employee is eligible for.



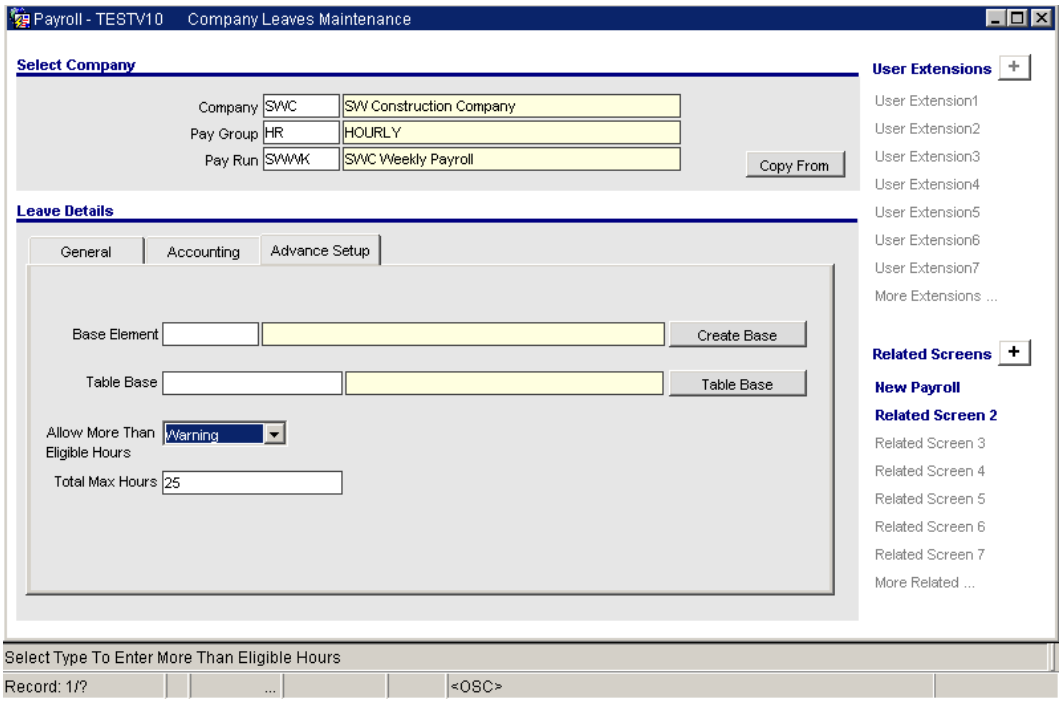
A new tab “Exclude Other Hours” has been added to the Employee Profile. This tab allows users to restrict the hours specified for the employee in e-timesheets. These are Other Hours set up in the Hour Types screen that are not associated with a Leave code.

The Exclude Other Hours tab by default will be empty which means employees can see all Other Hours type, However once the “Other” hours are specified on the employee profile, the e-timesheet will “EXCLUDE” those hours in the e-timesheets list of values. This tab will not include Leave hours.

“JCHR” and “NBHR” will also be considered as Other Hours and may be excluded by specifying them on the Exclude tab. As per current functionality “NBHR” and “JCHR” hours are available for all employees when company control flag is checked.

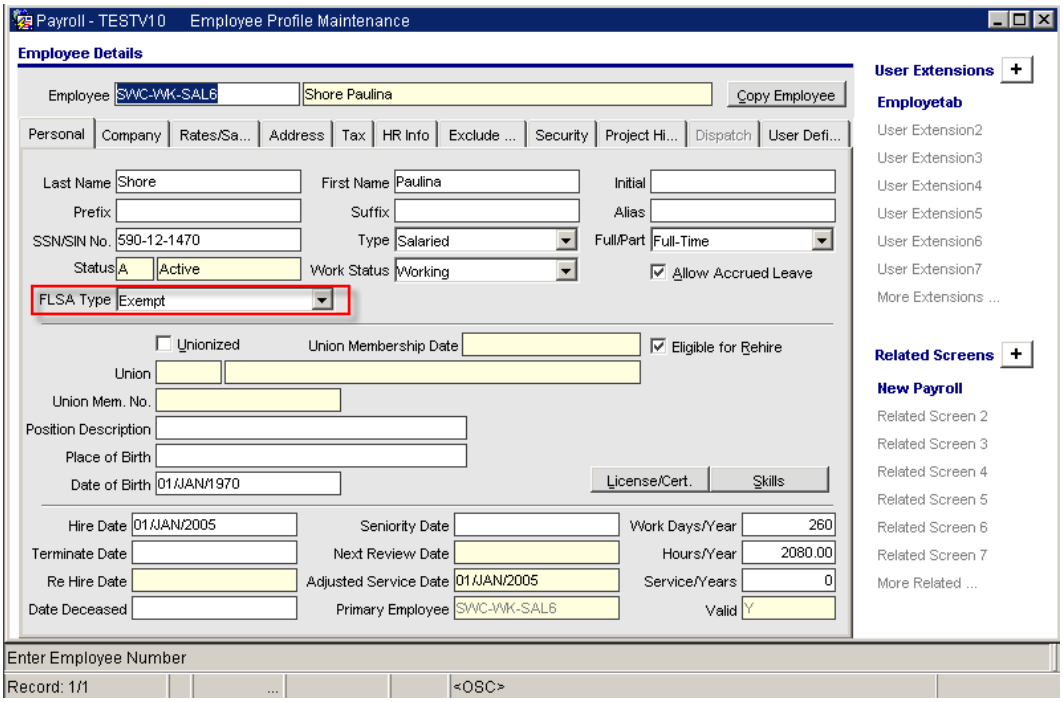
Allow More Than Eligible Hours (11.55132)

Changes have been made to the Company Leaves Maintenance screen to allow users to setup the maximum hours that can be entered for leaves in e-timesheets. The number of leave hours allowed in the timesheet will be the value entered in the Max Hours field on the Advance tab in addition to the employee’s eligible hours. The Company level leave setup screen has been modified to add the Company Control option on Company Leave level. This facilitates the setting of the option by Leave code.



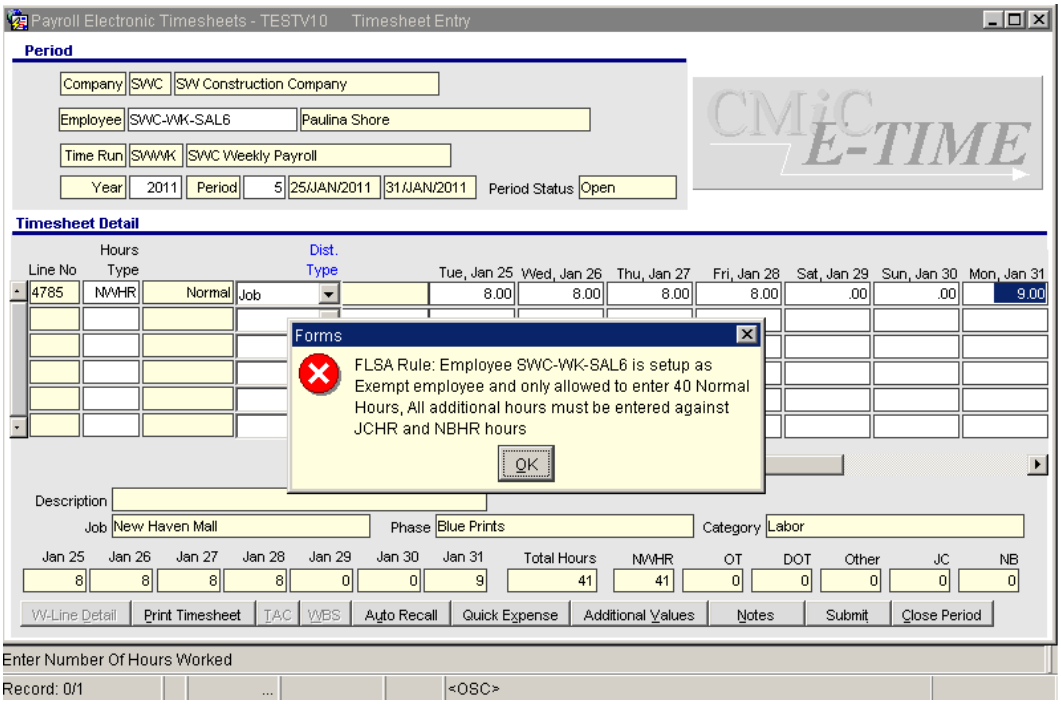
The “Allow More Then Eligible Hours” will be given to the user by leave code and the value will default from the company level. When user chooses option “Warning” and “Yes”, the next field “Total Max Hours” will be available to the user to specify the Max hours. The NULL value will be considered as unlimited hours. When the user chooses option “No” the max hours will be considered as ZERO hours.

Part-Time Exempt Employees (11.55145)



A new field “FLSA Type” has been added to the Employee Profile for Exempt or Non-exempt employees. The default value for the new drop down is “Non-Exempt”. The drop-down is also added to the Employment History screen.

The new flag is used in all CMiC timesheets to validate the employee as exempt or non-exempt.



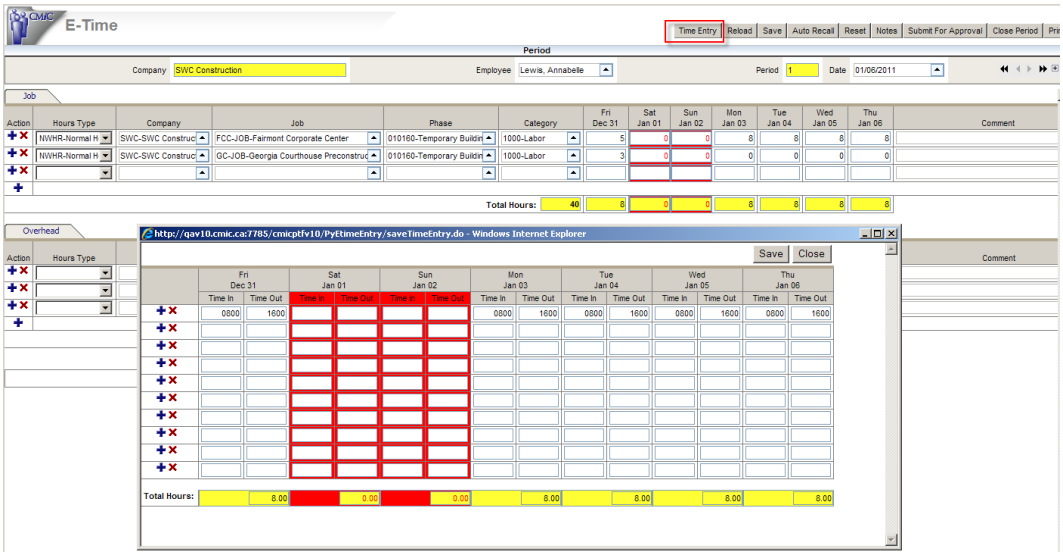
If the employee is setup as “Exempt” employee on profile then timesheets will validate the hours based on the employee pay run frequency. When the employee belongs to the weekly pay run then the timesheet will not allow the user to enter more then 40 hours a week. The timesheet entry screen includes ALL hours worked in order to verify the total number of hours.

If the timesheet is entered for more than 40 hours for a weekly payrun, the user will get a message that the employee is setup as Exempt and is not allowed to enter more than 40 Normal Working Hours.

Additional Hours must be entered as JCHR or NBHR.

The salary adjustment screen is also modified to validate the employee’s hours based on the FLSA type. The adjustment screen will also NOT allow user to enter any hours other then Normal, Job Cost and Non-billable hours. Overtime and Double-Overtime hours should not be allowed for exempt employees.

Allow E-time Entry by Start and End Time (11.55133)

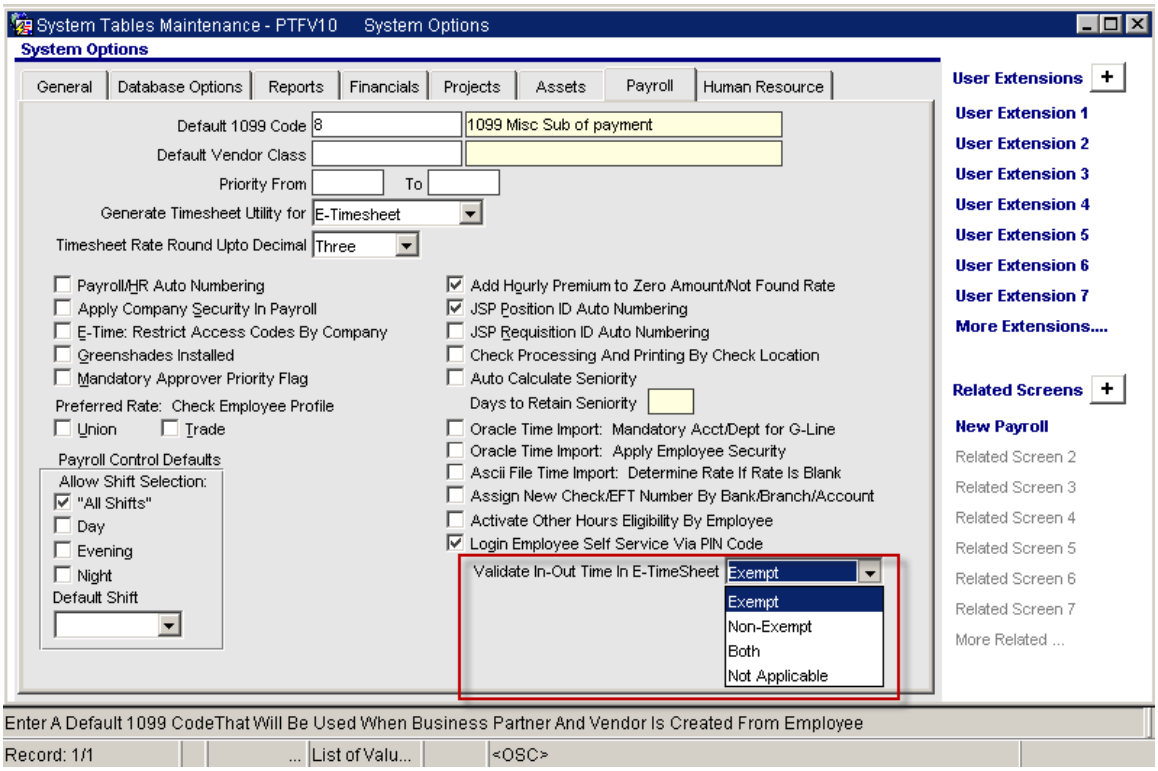


A new screen has been added to enter time in and time out for exempt employees in JSP E-time Entry.

First, enter the Hours Type and Job/Overhead information and save. The edit icon should appear after saving and the user can click on this icon to enter the timesheet details. Once entered, the timesheet can be saved and submitted. Hours worked are calculated automatically from the details entered. For exempt, weekly employees, only 40 NWHR is allowed. Additional hours must be entered as JCHR or NBHR.

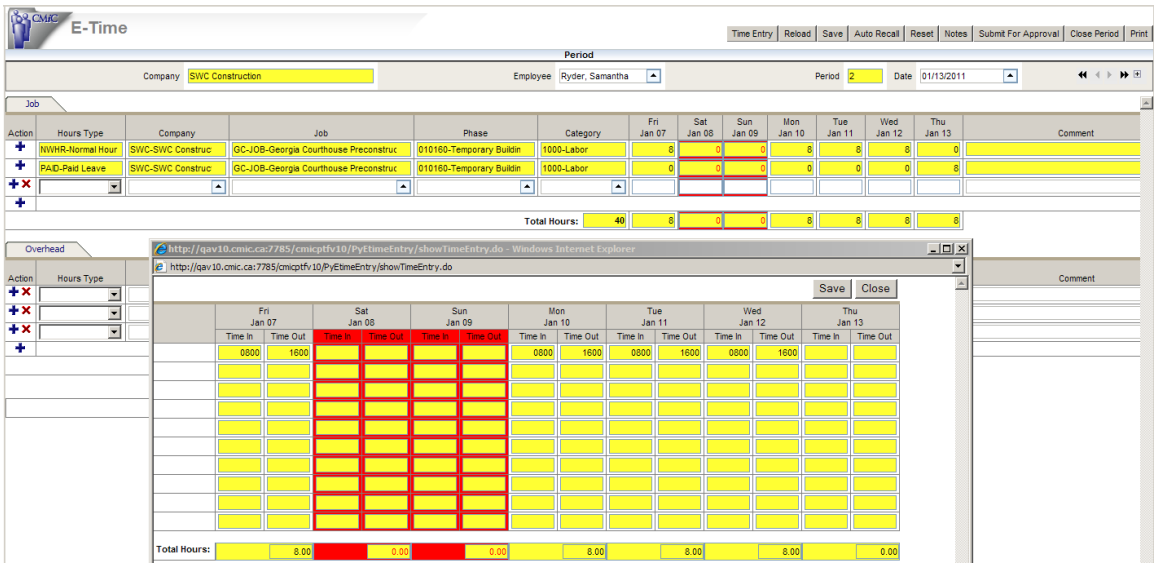
Timesheets can be entered with start and end times for non-exempt employees. When the Time Entry button is pressed, the user may enter the start and end times. The totals for times entered in the Time Entry pop-up must be equal to the total in the main e-timesheet entry screen before the timesheet can be submitted.

Timesheet Entry In-Out Times (11.59023)



Added the "Validate In-Out Time In Etimesheet" drop down list in System Data -> System Options to make In-Out times mandatory for the type of employee (FLSA type) selected. The options are Exempt, Non-Exempt, Both and Not Applicable. The default is "Not Applicable". The FLSA Type is found on the Personal tab of the Employee Profile.

The user may select the FLSA Type in System Options.



If In-Out times are required, the Time Entry button will be displayed for time entry. In-Out times cannot be entered for Other hours. Once the totals per day are equal to the hours in the e-timesheet entry screen, the timesheet can be submitted.

E-Timesheet Modifications (12.65414)

CMiC added the following new functionalities to the E-timesheet module:

(I) Stop e-time user to submit timesheet until minimum work week hours are entered

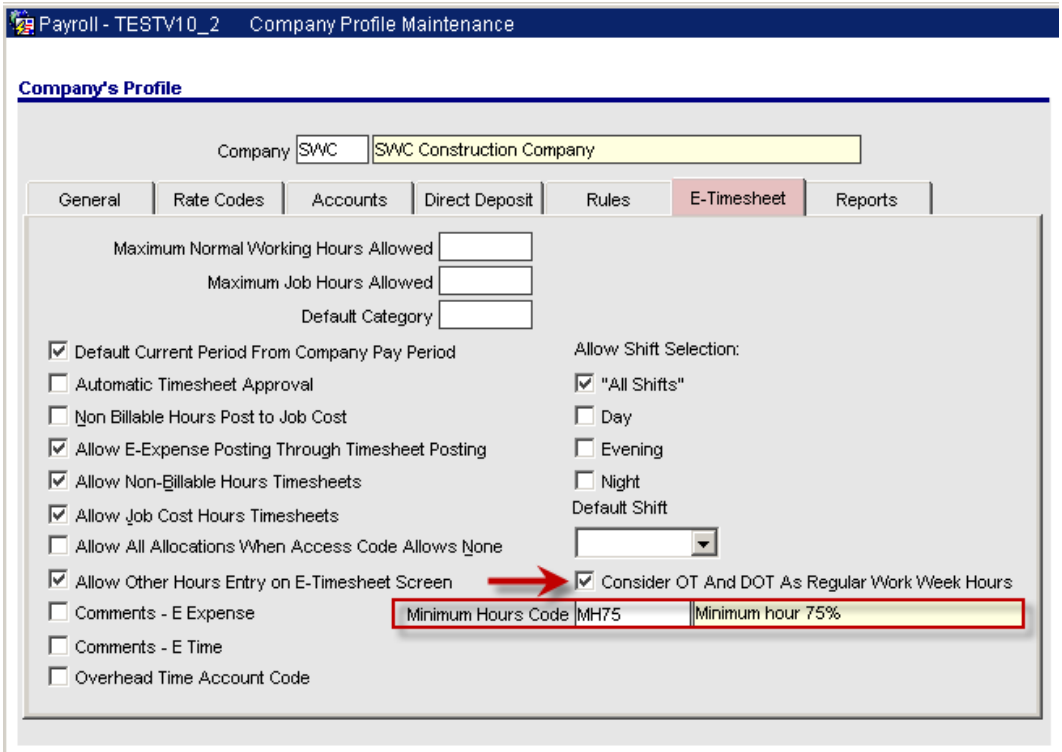
(II) Allow payroll to close the e-timesheet period for e-time users

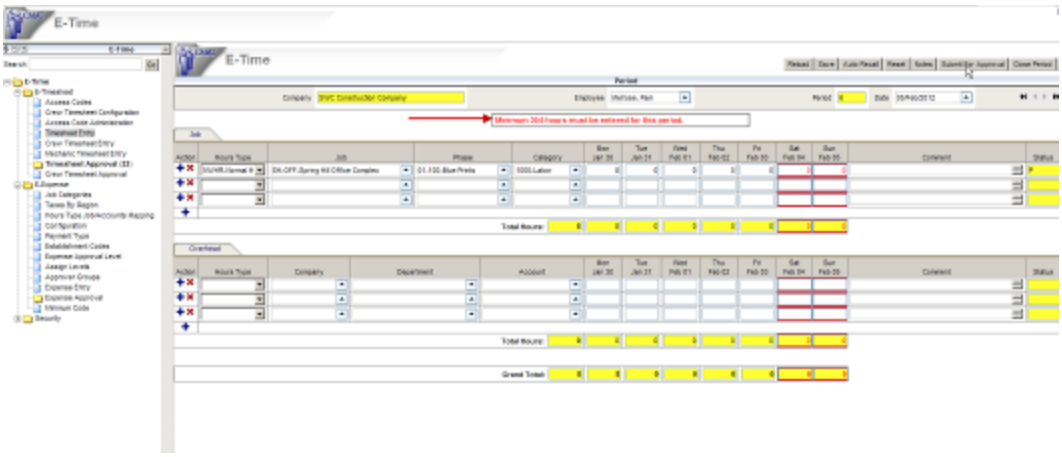
(III) Stop accessing hierarchy by e-time approver

Modifications:

(I) Stop e-time user to submit timesheet until minimum work week hours are entered

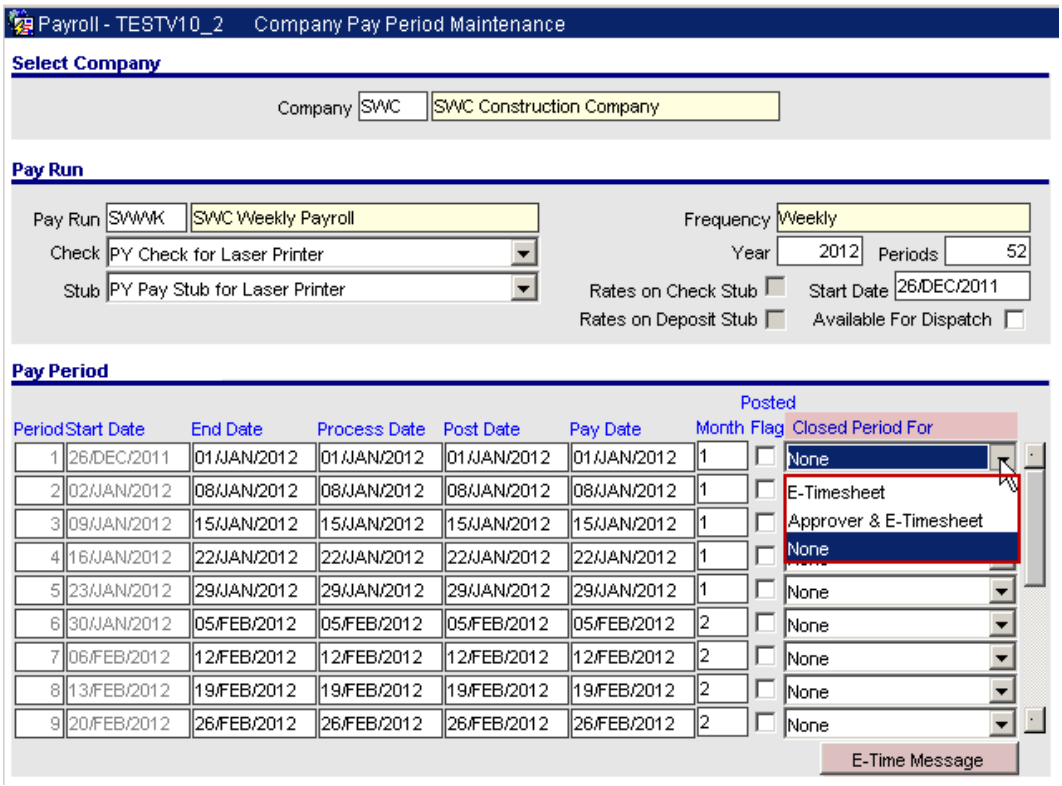
CMiC added 'Minimum Hours Code' on Company Profile Maintenance screen under e-timesheet tab. The e-timesheet entry screen will consider the 'Minimum Hours Code' from the employee profile and if the code is null then it will take the Minimum Hours Code from the Company Control. A new rule is also added on company control to consider the "Overtime" and "Double Overtime" as regular work week hours. The default value for the flag will be un-checked.

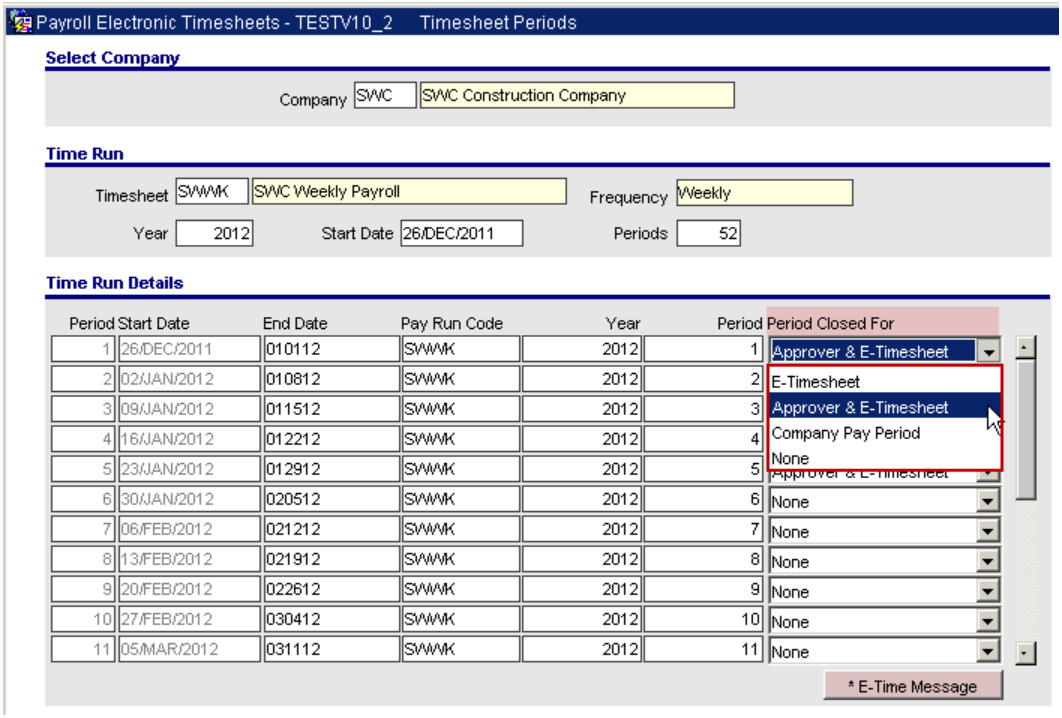


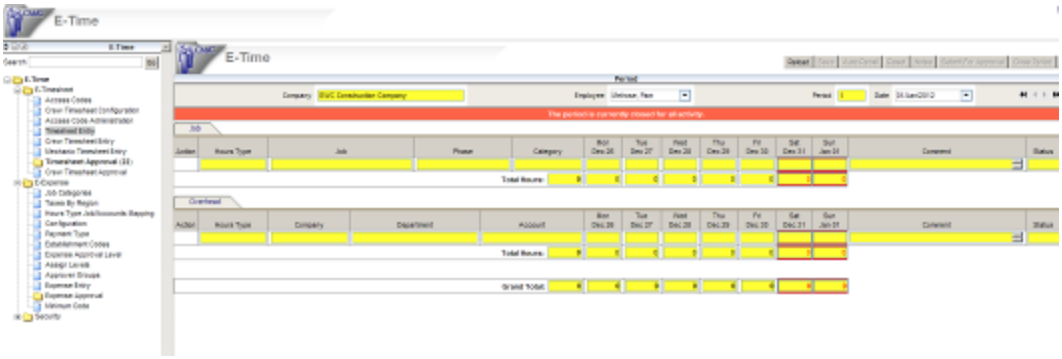


(II) Allow payroll to close the e-timesheet period for e-time users

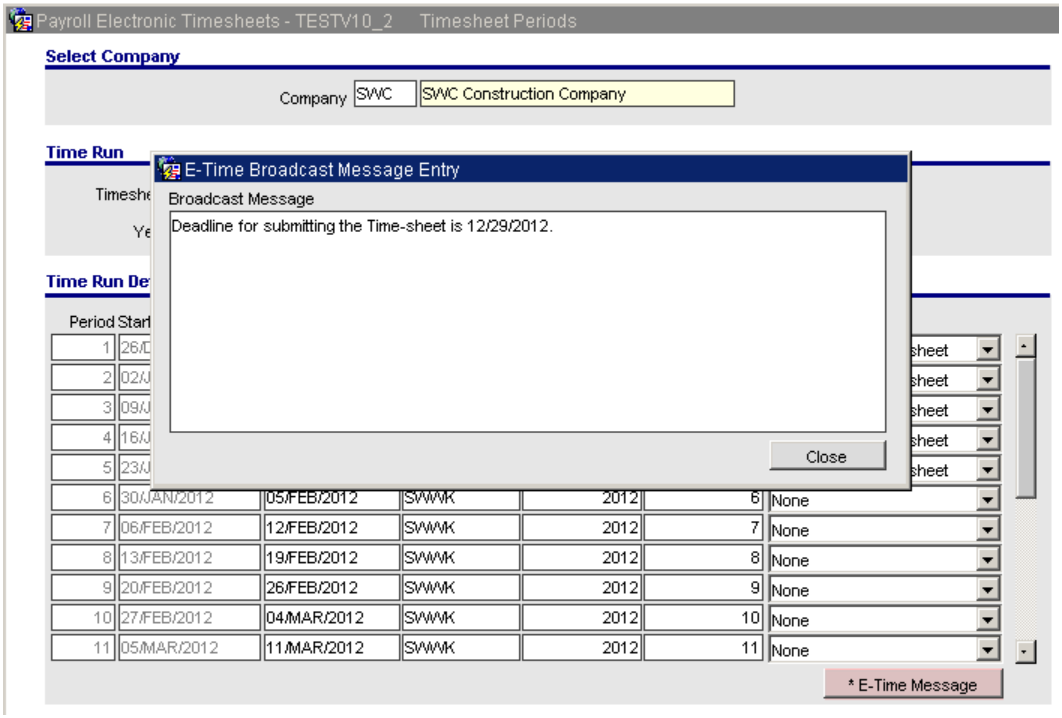
CMiC added a new drop-down menu option 'Closed Period For' on 'Timesheet Periods Setup' and 'Company Pay Period' screens. The new option will allow users to close the period for either only the 'E-Timesheet' or both 'Approver & E-Timesheet' and also for the 'Company Pay Period' from the 'Timesheet Periods' screen.

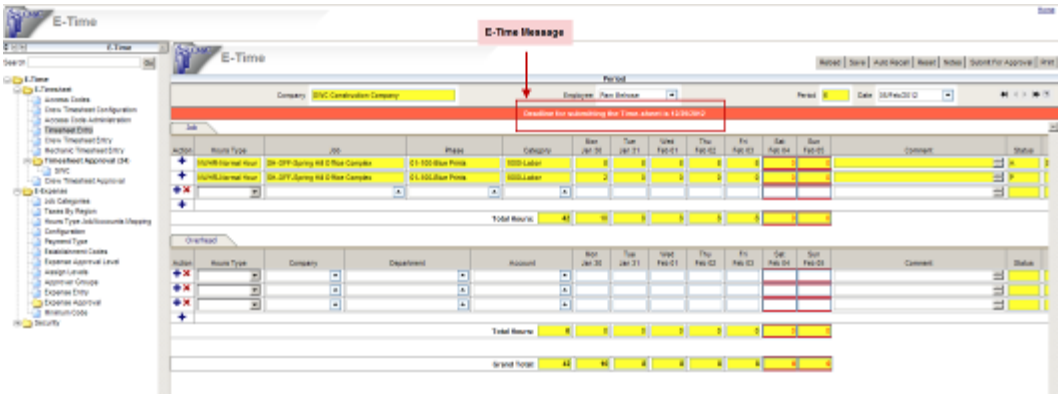




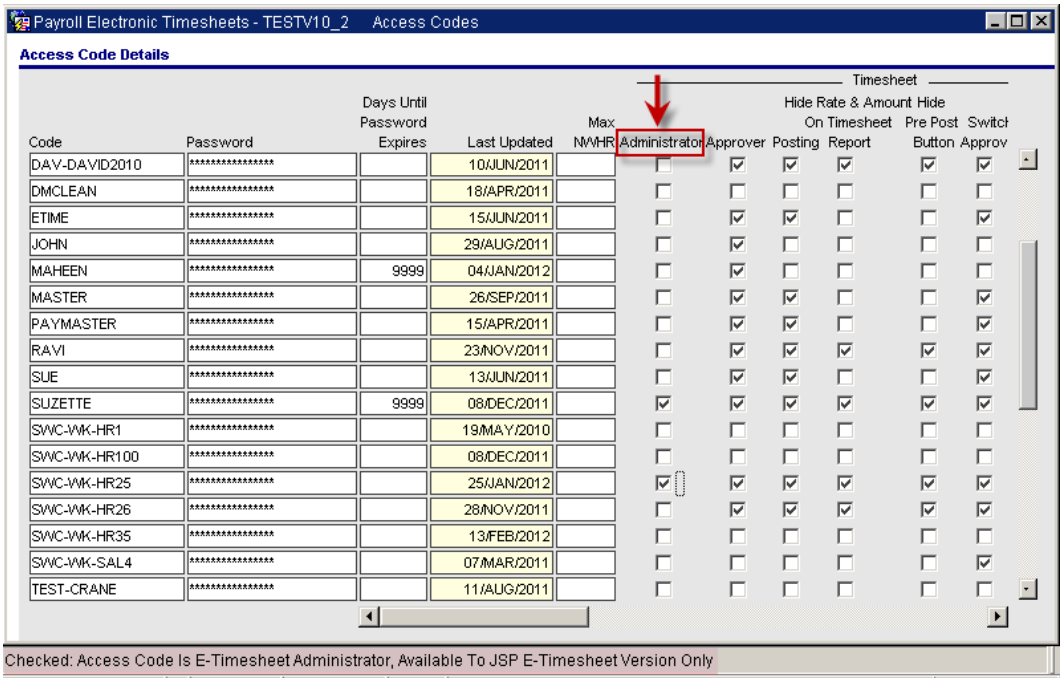


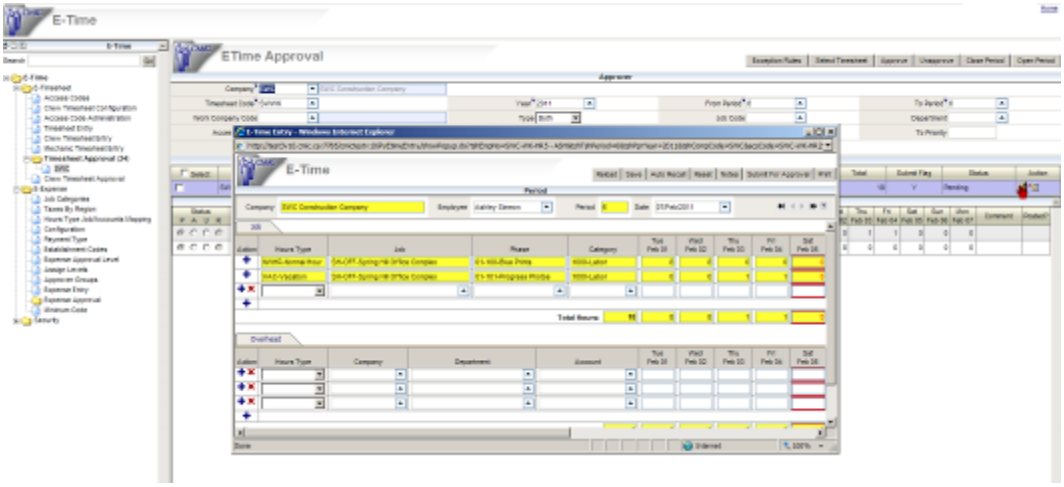
CMiC also added a new 'E-Time Message' button on the 'Timesheet Periods Setup' and 'Company Pay Period' screens. The new option facilitates payroll users to broadcast message to all e-timesheet employees (JSP e-time only). Payroll group can enter messages such as deadline for entering a timesheet or the period closing date for their e-time users.



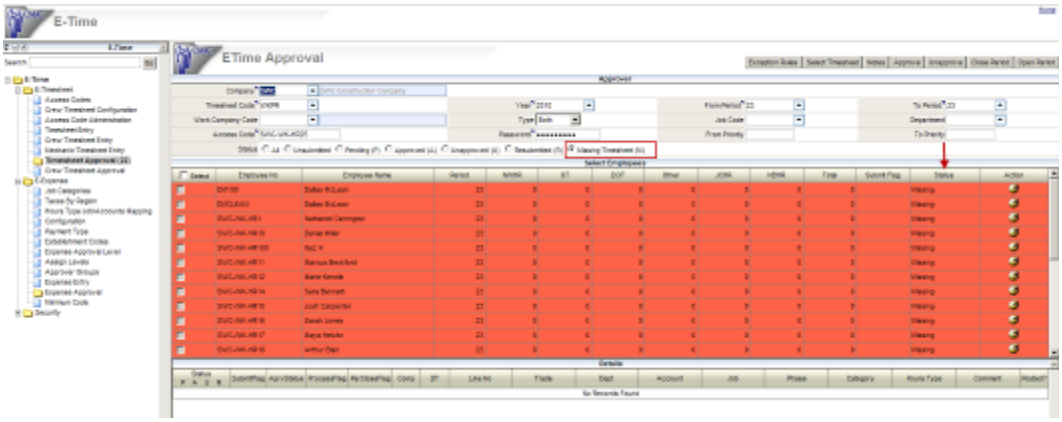


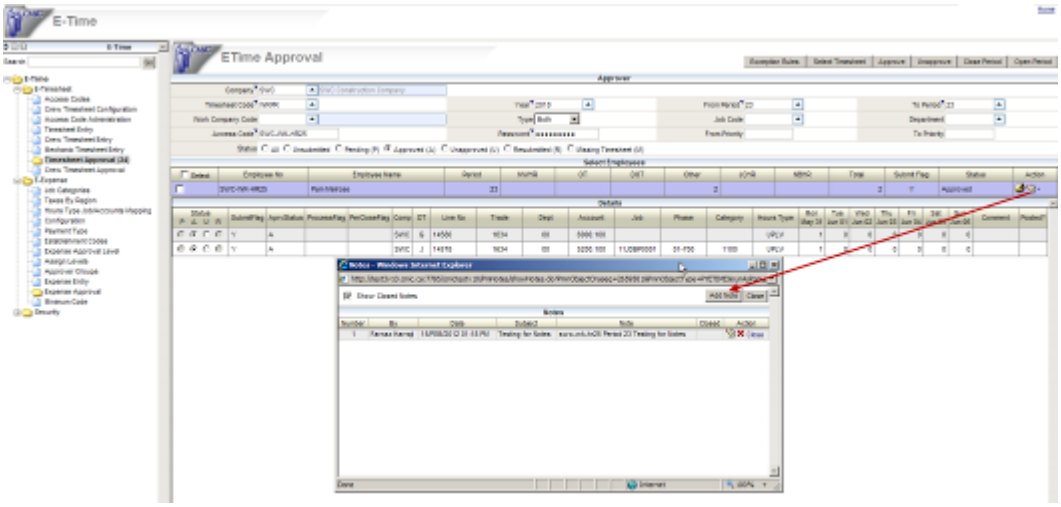
A new ‘Administrator’ privilege is added on the Access Code Setup screen. The ‘Administrator’ can access a time-sheet for a closed period from the ‘Time-sheet Approval’ screen and can make changes, approve or disapprove the time-sheet.





CMiC also introduced a new “option” on JSP e-timesheet approval screen called “Missing Timesheet”. The option will only display those employees who do not have any timesheet based on the company, pay run, year and period information provided on approval header. Also the “Notes” button is moved from header to employee’s timesheets summary level and a “*” will display on the button if there is any existing Notes.

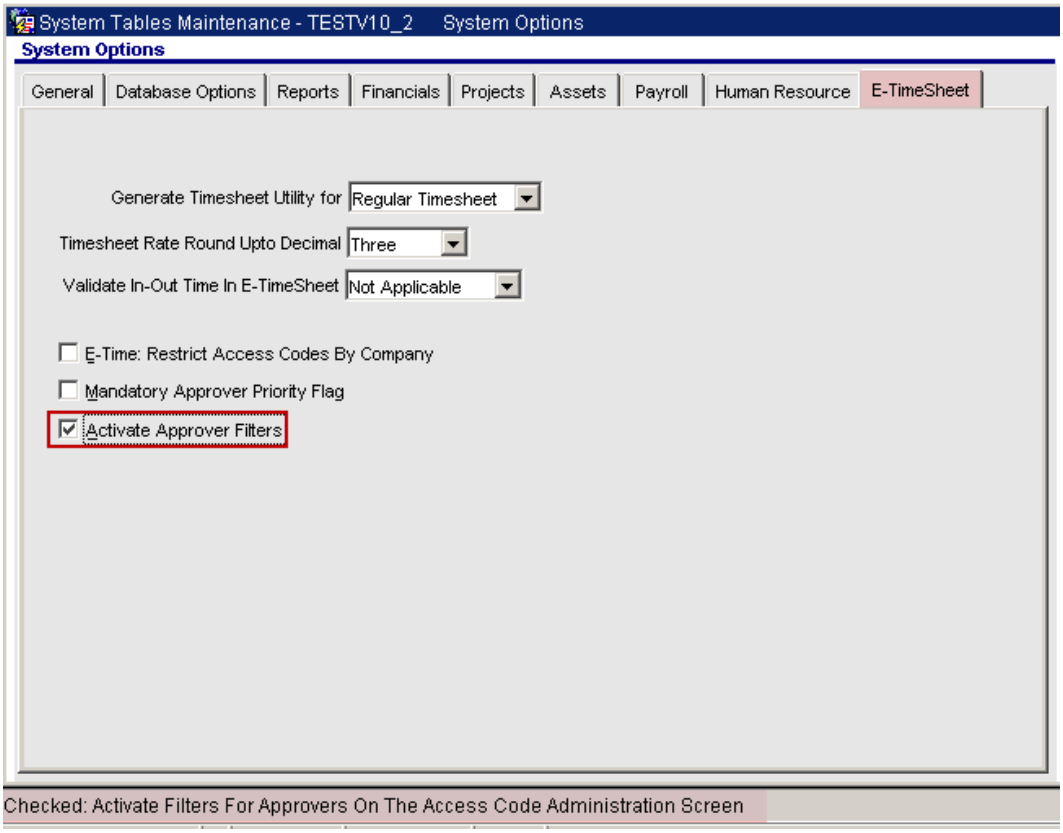


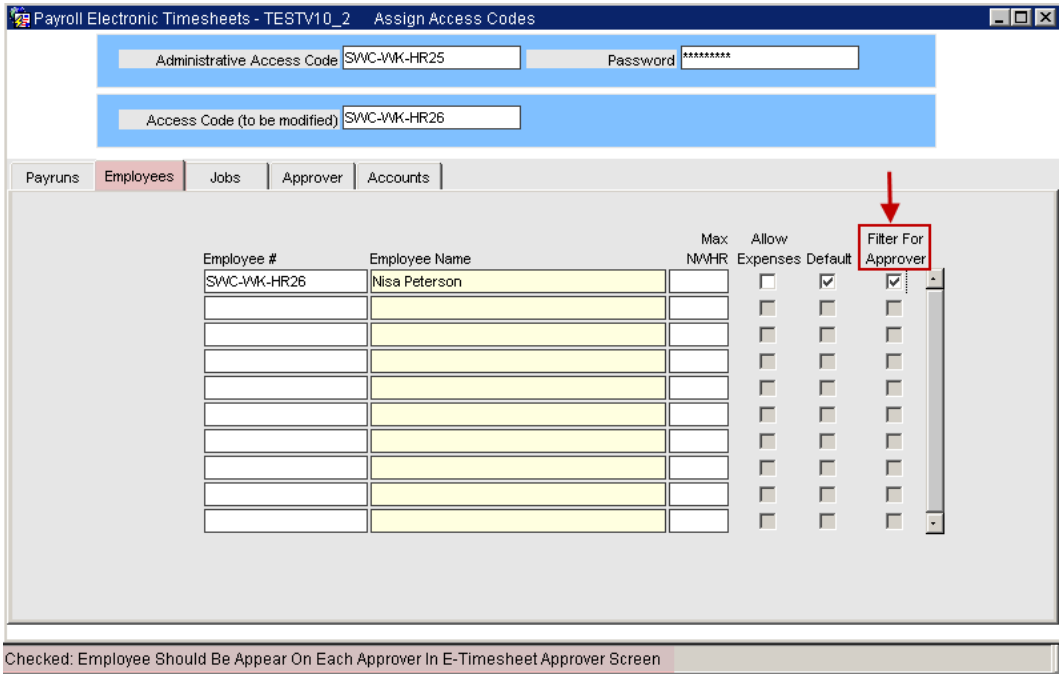


(III) Stop accessing hierarchy by e-time approver

CMiC added a new flag in System Options under the 'E-Timesheet' tab called 'Activate Approver Filters". CMiC also added a new 'Filter for Approver' flag on the 'Access Code Administration' screen under employee tab.

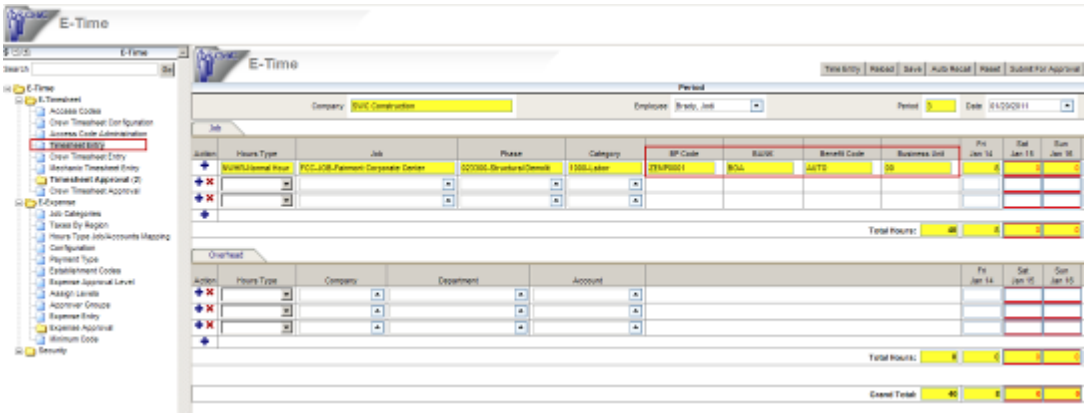
Users can check the flag on system option to activate the new functionality. Once the functionality is activated users can go to each approver setup and check all employees who should be appear for each approver in E-timesheet approver screen.

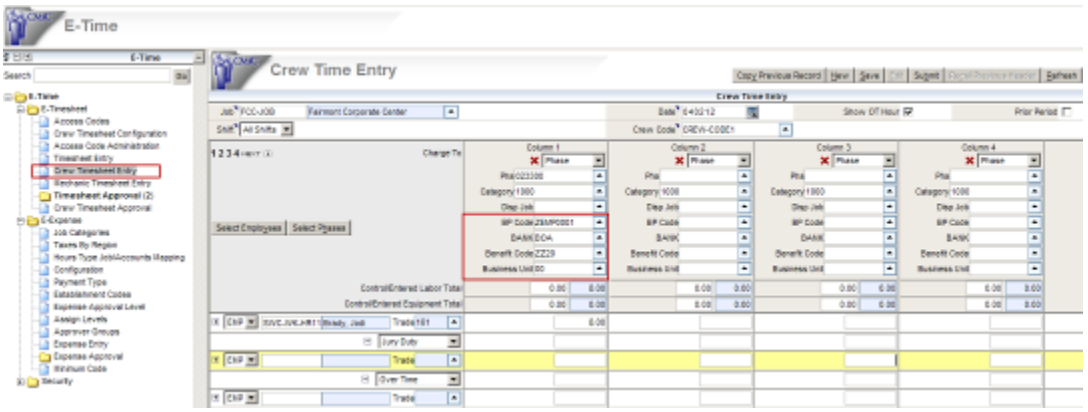

System Tables Maintenance - TESTV10_2 System Options
System Options
General
Database Options
Reports
Financials
Projects
Assets
Payroll
Human Resource
E-TimeSheet
Generate Timesheet Utility for
Regular Timesheet
Timesheet Rate Round Upto Decimal
Three
Validate In-Out Time In E-TimeSheet
Not Applicable
E-Time: Restrict Access Codes By Company
Mandatory Approver Priority Flag
Activate Approver Filters
Checked: Activate Filters For Approvers On The Access Code Administration Screen

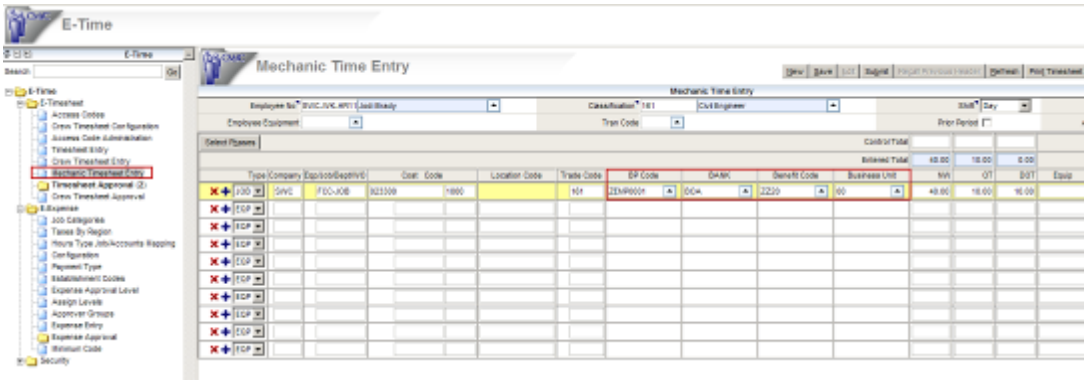

Payroll Electronic Timesheets - TESTV10_2 Assign Access Codes
Administrative Access Code
SWC-WK-HR25
Password
Access Code (to be modified)
SWC-WK-HR26
Payruns
Employees
Jobs
Approver
Accounts
Employee #
Employee Name
Max NWHR
Allow Expenses
Default
Filter For Approver
SWC-WK-HR26
Nisa Peterson
Checked: Employee Should Be Appear On Each Approver In E-Timesheet Approver Screen

WBS Codes in E-Time (11.62590)

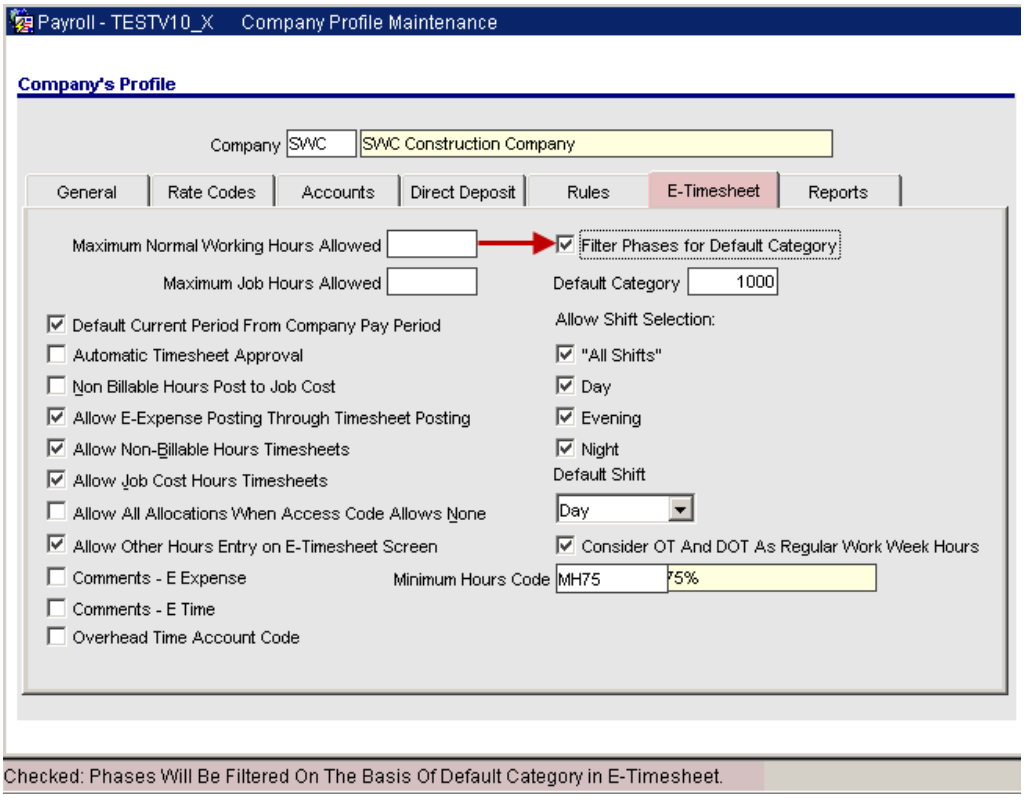
CMiC enhanced the E-time application in order to be able to select/enter WBS Codes within the ‘Timesheet Entry’, ‘Crew Timesheet Entry’ and ‘Mechanic Timesheet Entry’ JSP screens.







Filter E-timesheet Phases Default Category (12.69783)



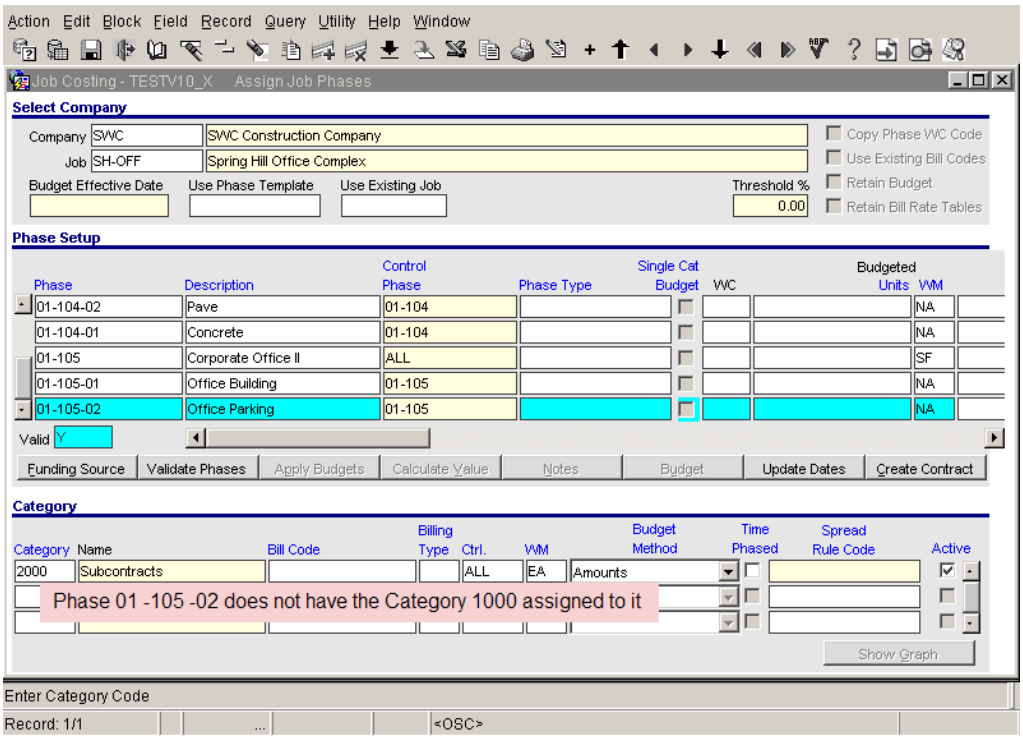
CMIC modified the E-timesheet programs to allow users to filter phase LOV to only those phases that have the default category which is specified on the company's Control File.

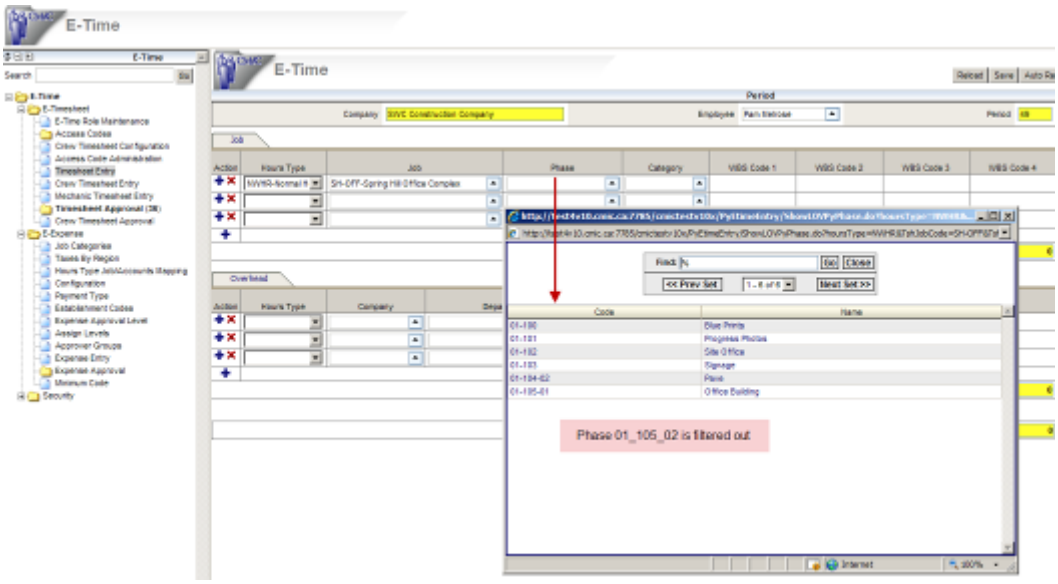
Modifications:

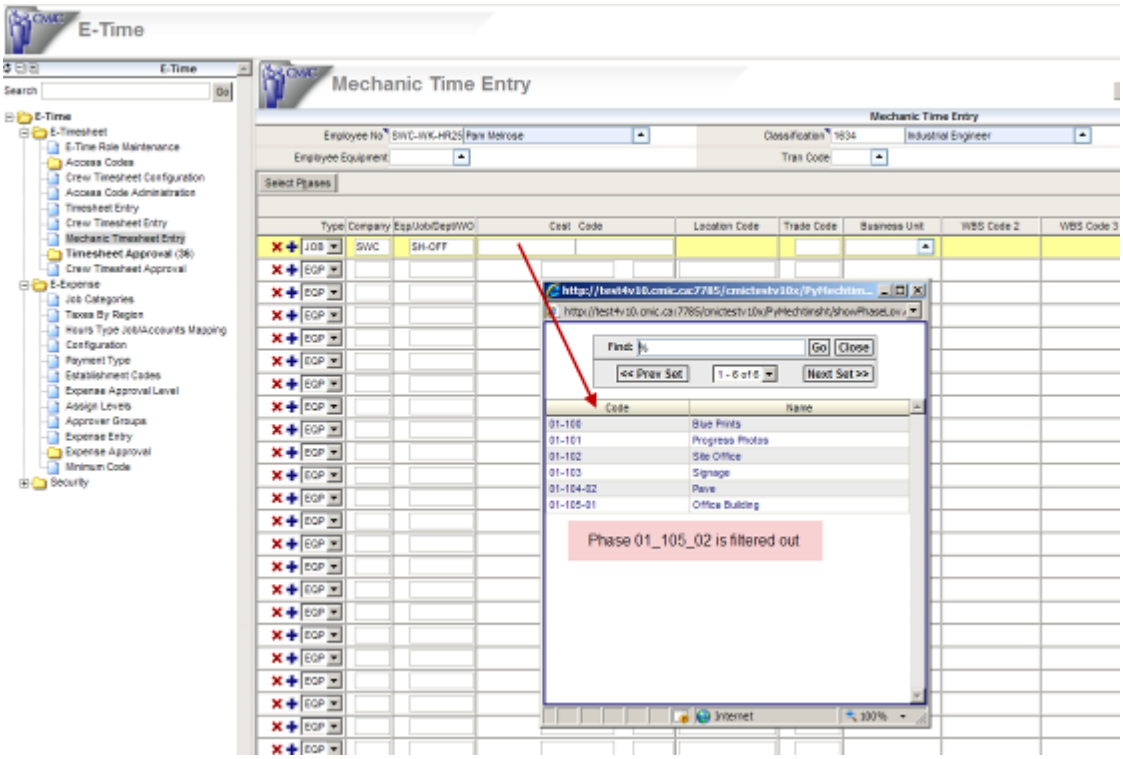
CMiC added a new flag on the E-timesheet tab of the company control called "Filter Phases for Default Category". When the new flag is checked then "default category" will become mandatory.

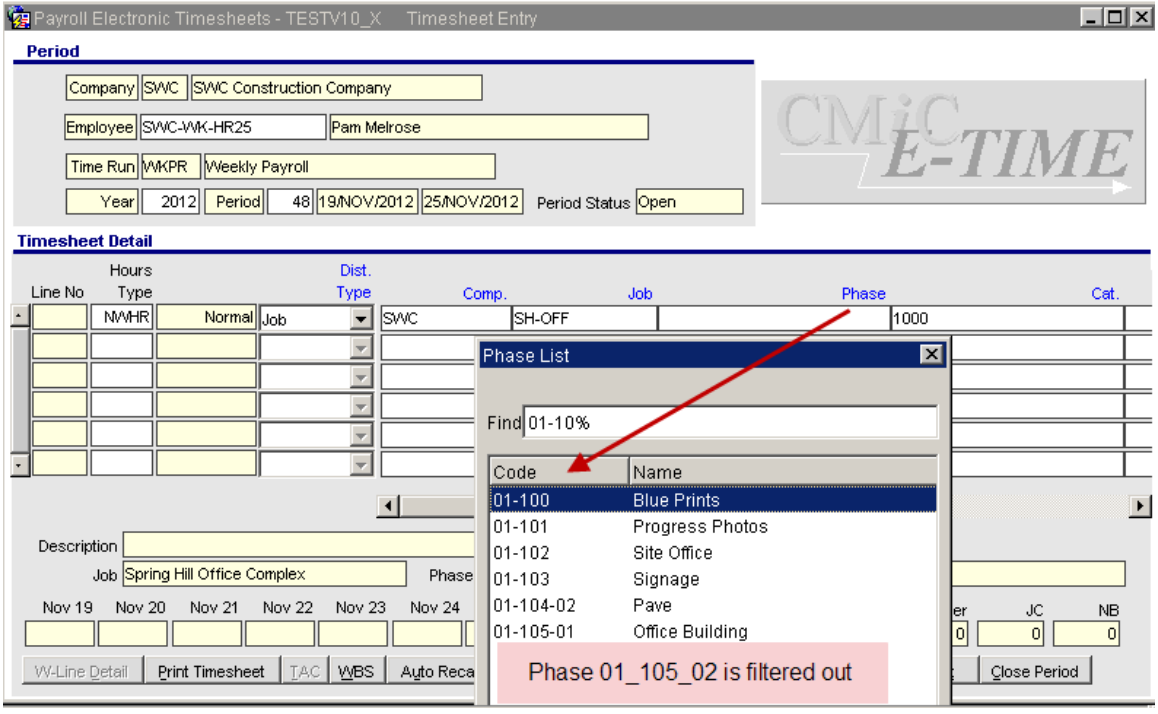
CMiC modified Timesheet Entry and Mechanic Timesheet Entry programs to filter and display phases for which they have the 'default category', specified on the Payroll Control, assigned under JC setup. Also as a per-existing functionality e-timesheet will default the category for user.

The following screens show this new functionality.

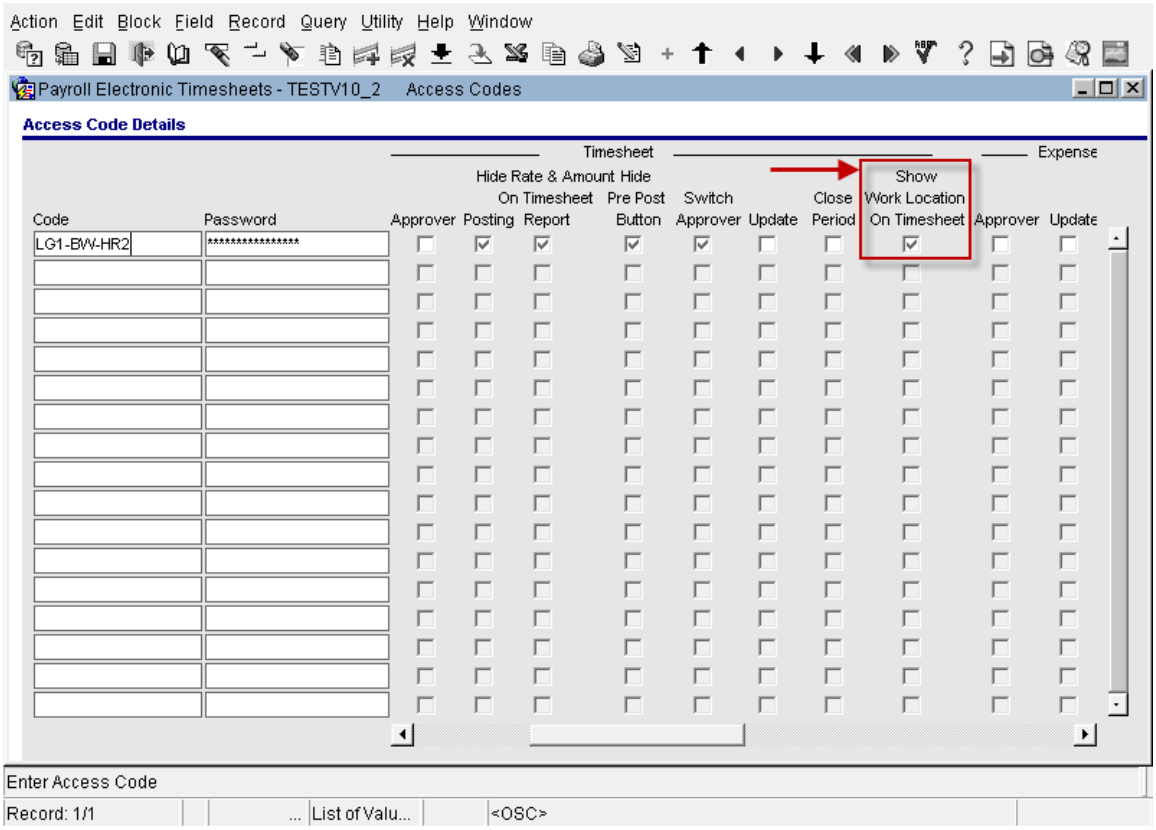

Action Edit Block Field Record Query Utility Help Window
Job Costing - TESTV10_X Assign Job Phases
Select Company
Company SWC SWC Construction Company
Job SH-OFF Spring Hill Office Complex
Budget Effective Date
Use Phase Template
Use Existing Job
Threshold % 0.00
Copy Phase WC Code
Use Existing Bill Codes
Retain Budget
Retain Bill Rate Tables
Phase Setup
Phase Description Control Phase Phase Type Single Cat Budget WC Budgeted Units VM
01-104-02 Pave 01-104 NA
01-104-01 Concrete 01-104 NA
01-105 Corporate Office II ALL SF
01-105-01 Office Building 01-105 NA
01-105-02 Office Parking 01-105 NA
Valid Y
Funding Source Validate Phases Apply Budgets Calculate Value Notes Budget Update Dates Create Contract
Category
Category Name Bill Code Billing Type Ctrl. VM Budget Method Time Phased Spread Rule Code Active
2000 Subcontracts ALL EA Amounts
Phase 01 -105 -02 does not have the Category 1000 assigned to it
Show Graph
Enter Category Code
Record: 1/1
<OSC>


E-Time
E-Time
Phase 01_105_02 is filtered out


E-Time
Mechanic Time Entry
Phase 01_105_02 is filtered out


Payroll Electronic Timesheets - TESTV10_X
Timesheet Entry
Period
Company SWC SWC Construction Company
Employee SWC-WK-HR25 Pam Melrose
Time Run WKPR Weekly Payroll
Year 2012 Period 48 19/NOV/2012 25/NOV/2012 Period Status Open
CMiC E-TIME
Timesheet Detail
Line No
Hours Type
Dist. Type
Comp.
Job
Phase
Cat.
NWHR Normal Job SWC SH-OFF 1000
Phase List
Find 01-10%
Code
Name
01-100 Blue Prints
01-101 Progress Photos
01-102 Site Office
01-103 Signage
01-104-02 Pave
01-105-01 Office Building
Phase 01_105_02 is filtered out
Description
Job Spring Hill Office Complex
Phase
Nov 19 Nov 20 Nov 21 Nov 22 Nov 23 Nov 24
W-Line Detail
Print Timesheet
TAC
WBS
Auto Reca
Close Period

E-timesheet Work Location field privilege (14.86966)

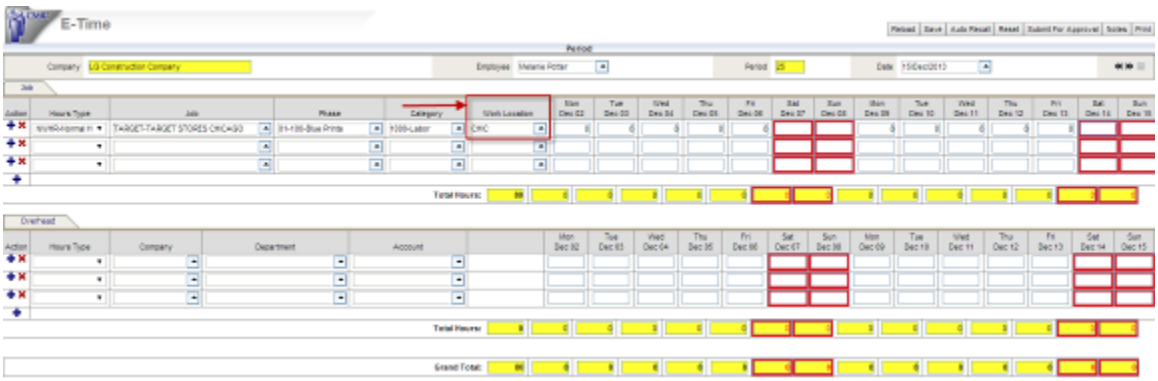


CMiC introduced a new privilege on the Access Code table to allow users to see newly added work location field. If the login Access Code on e-timesheet CHECKED then e-timesheet will display the work location column, otherwise it will be hidden on e-timesheet.

Example:

An Access Code "LG1-BW-HR2" has been given a new privilege "Show Work Location on Timesheet" to allow user to see work location field.

When user “LG1-BW-HR2” goes to Payroll E-timesheet to enter the working hours, he will be able to see “Work Location” field on the screen and able to query this field.



Field Security to E-timesheet Approval Fields (14.91521)

CMiC has modified the E-timesheet Approval screen to add field security to the following fields:

1. DT -Data Type
2. Line No
3. Trade
4. Dept

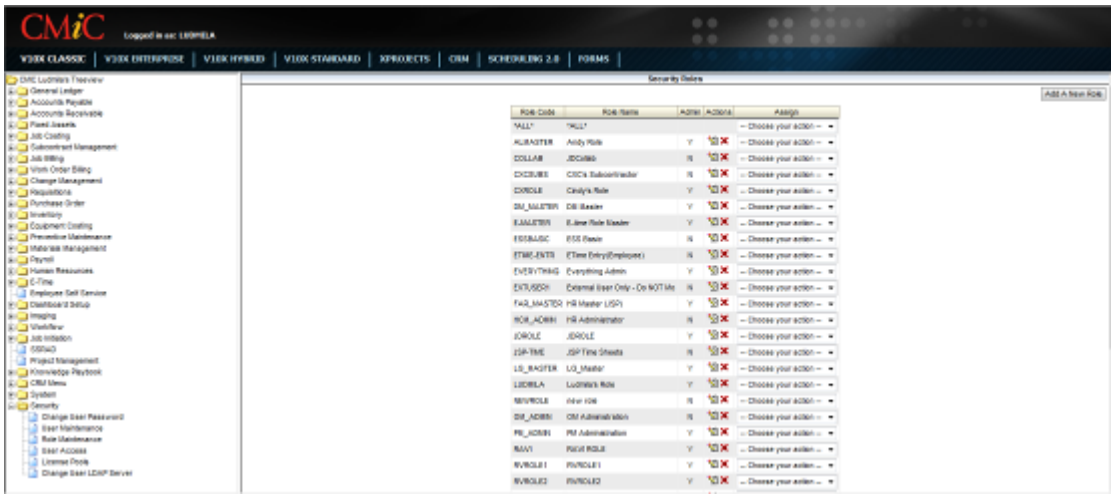
Two new display fields have been added to the Timesheet Approval screen to display Job and Phase description. In addition to adding these fields, CMiC also added field security on both fields.

CMiC added two check boxes in the System Options to allow users to hide WBS codes for Projects and TAC codes for overhead lines on the E-timesheet Entry Screen. The user will be able to select both or none. The E-timesheet screen is modified to take these options onto account and hide/show WBS/TAC fields accordingly.

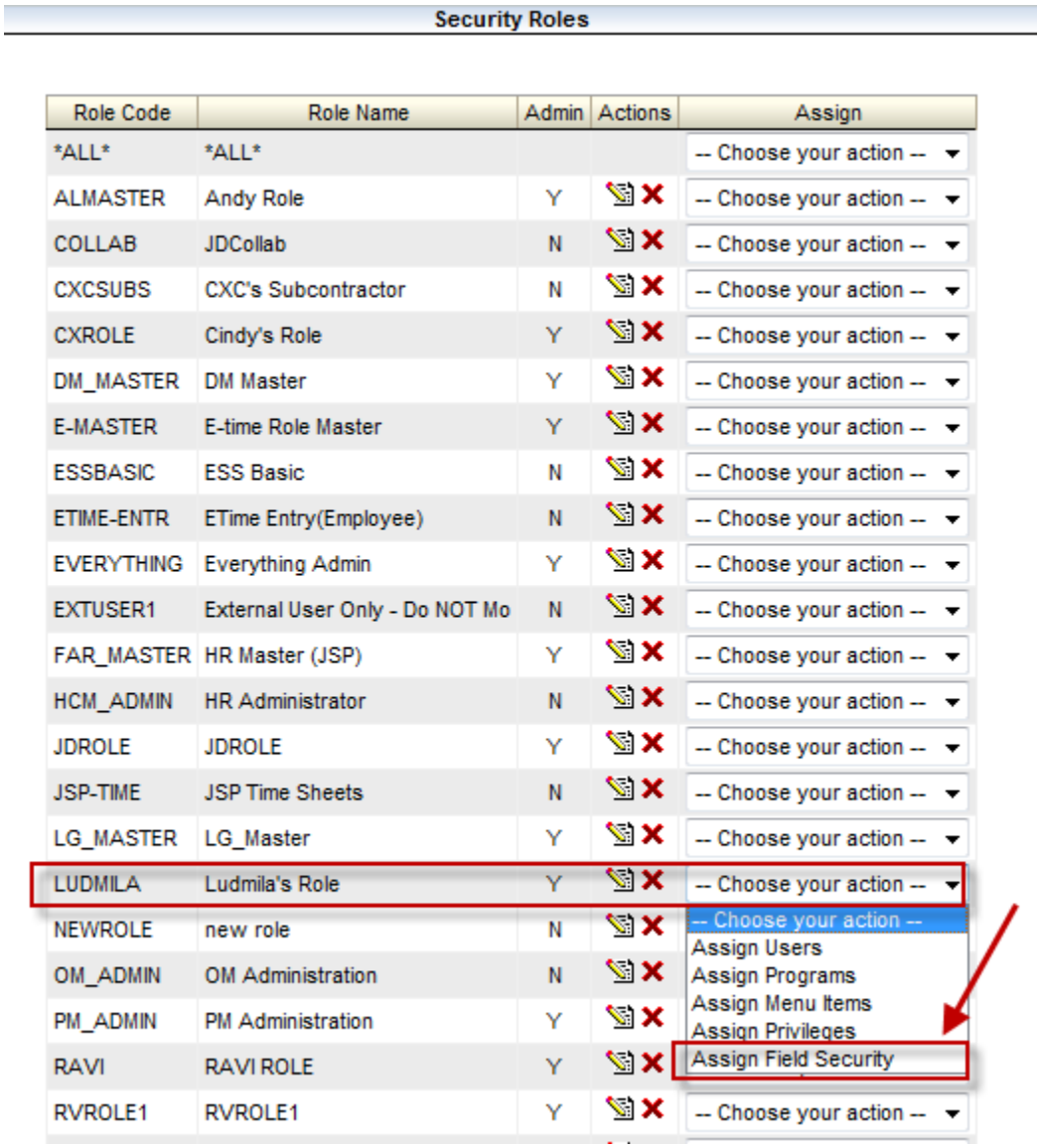
Modifications:

1. *Addition of field securities on the E-timesheet Approval screen for the fields: Data type, Line No, Trade, Dept , Job Description, Phase Description*

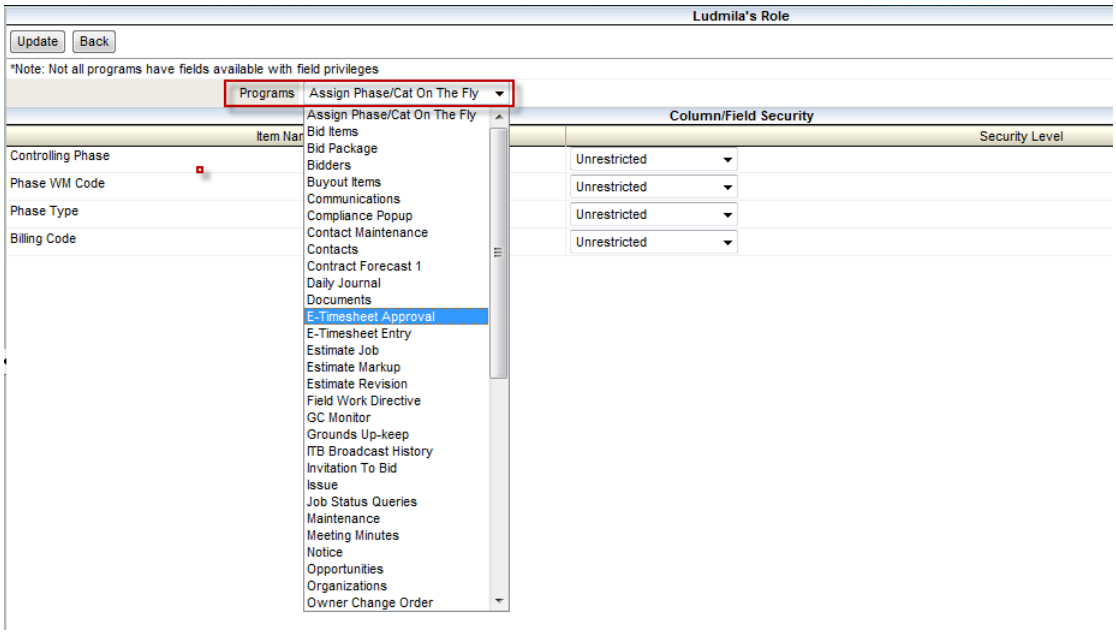
    - Go to the Treeview menu -> Security-> Role Maintenance



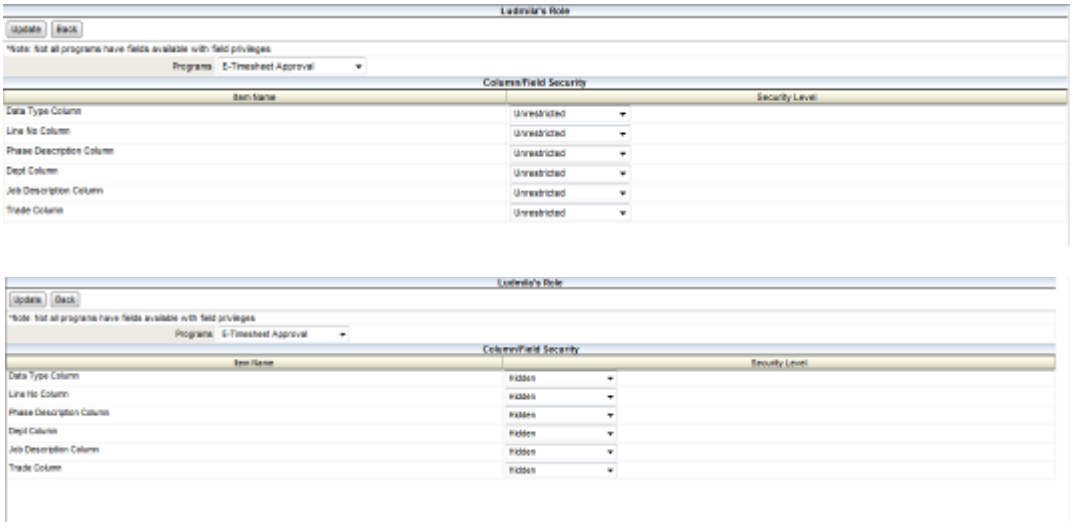
    - Select "Assign Field Security" for the role assigned to a user from the drop down menu.



- Select " E-timesheet Approval" from the Programs drop down menu.

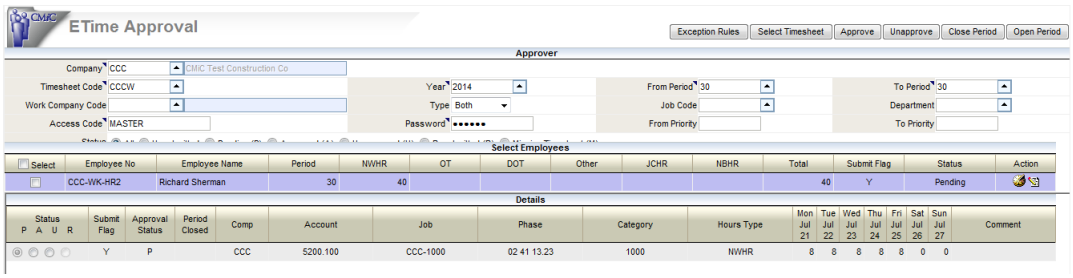


- Change Field Security for desired fields from "Unrestricted" to "Hidden" and click [Update].

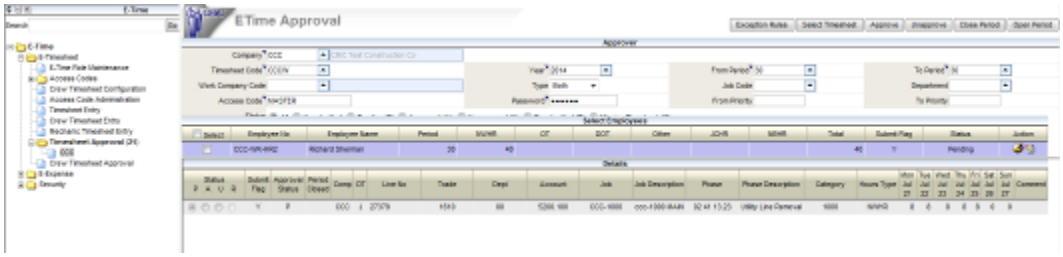


- Verify on the E-timesheet Approval screen that all hidden fields are not displayed on the screen. The Screenshot#1 and Screenshot#2 is shown to demonstrate to a user, how it looked before the fields were hidden and after.

  Screenshot#1

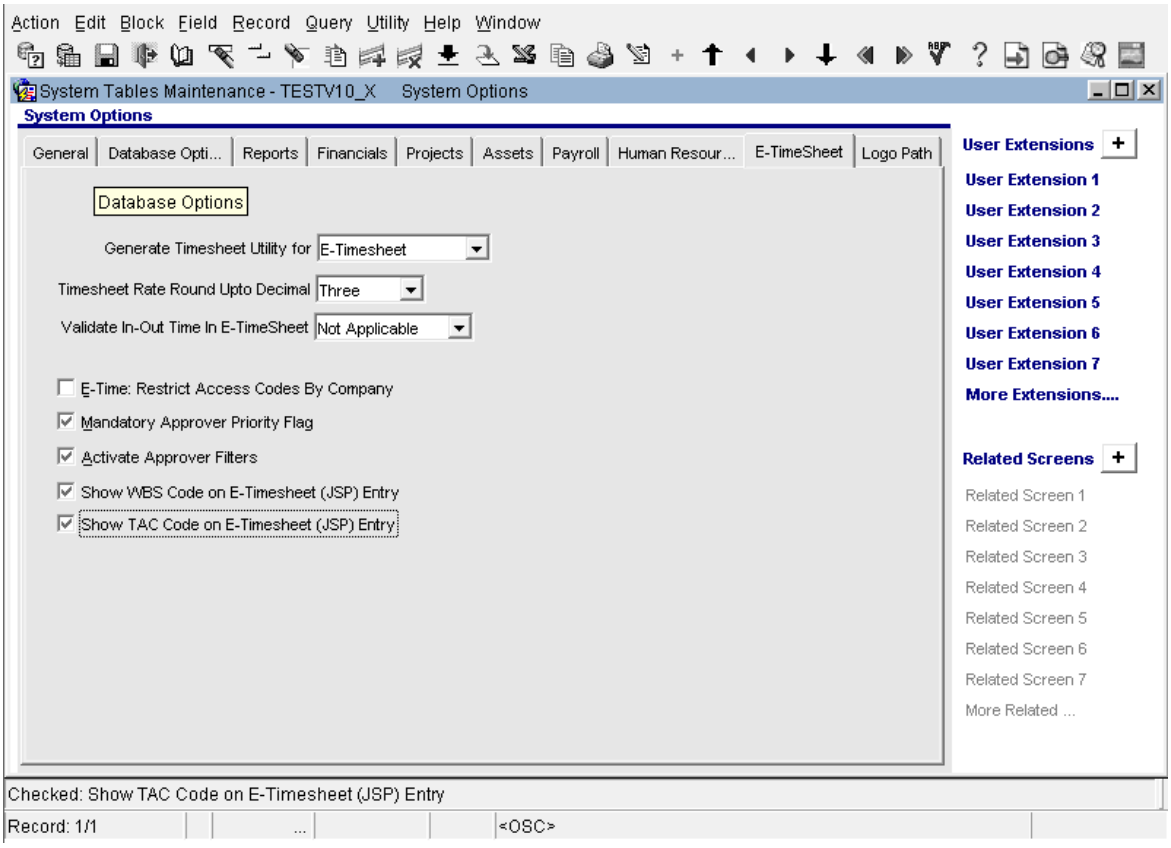


Screenshot#2



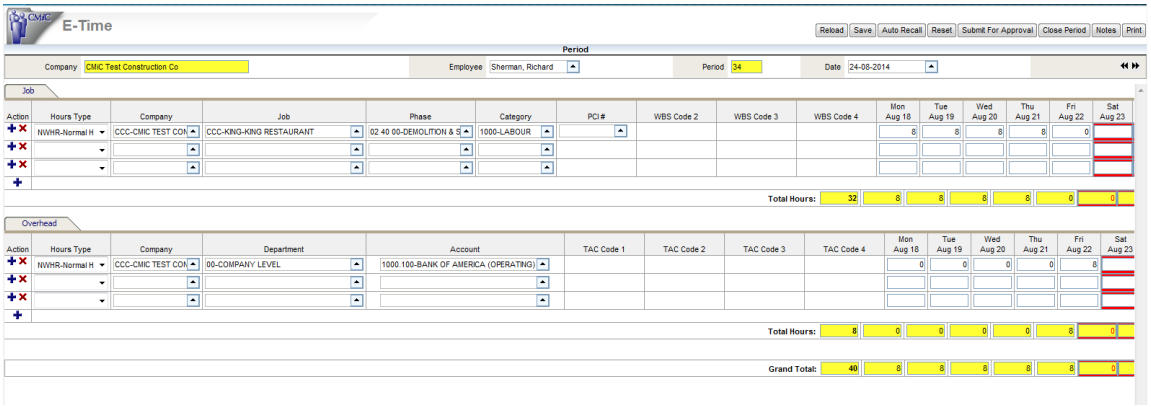
2. *Addition of the Field security for the WBS codes and TAC codes fields in E-timesheet entry screen.*

- Go to the Main menu->System-> System Options->E-timesheet tab. There are two new checkboxes added to the E-timesheet tab. In order to hide/show TAC and WBS codes from the E-timesheet entry screen, user can uncheck/check these checkboxes.

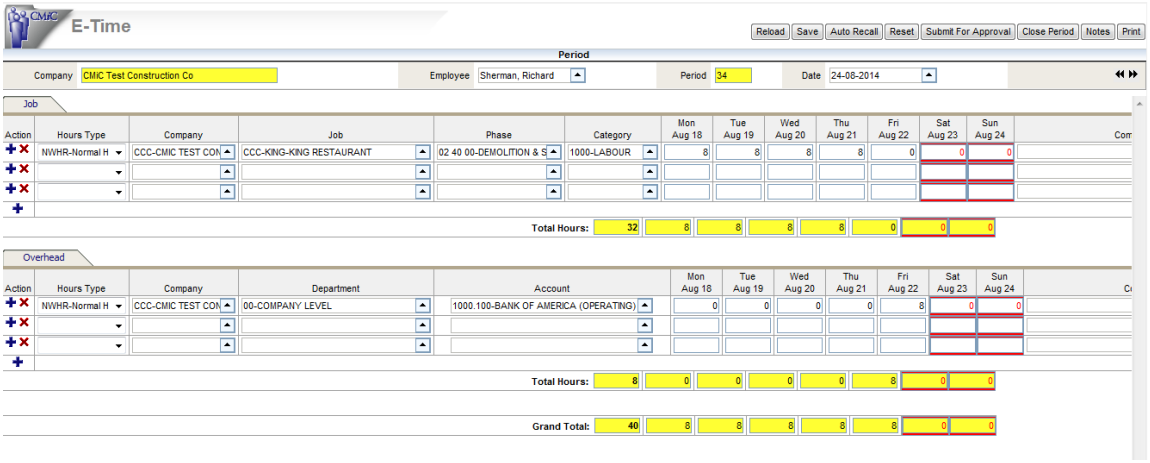


- For example, the Screenshot#3 displays WBS/TAC codes. And Screenshot#4 doesn't display WBS/TAC codes as a result of unchecked checkboxes in the System Options/E-timesheet tab.

Screenshot#3



Screenshot#4



Electronic Content Management

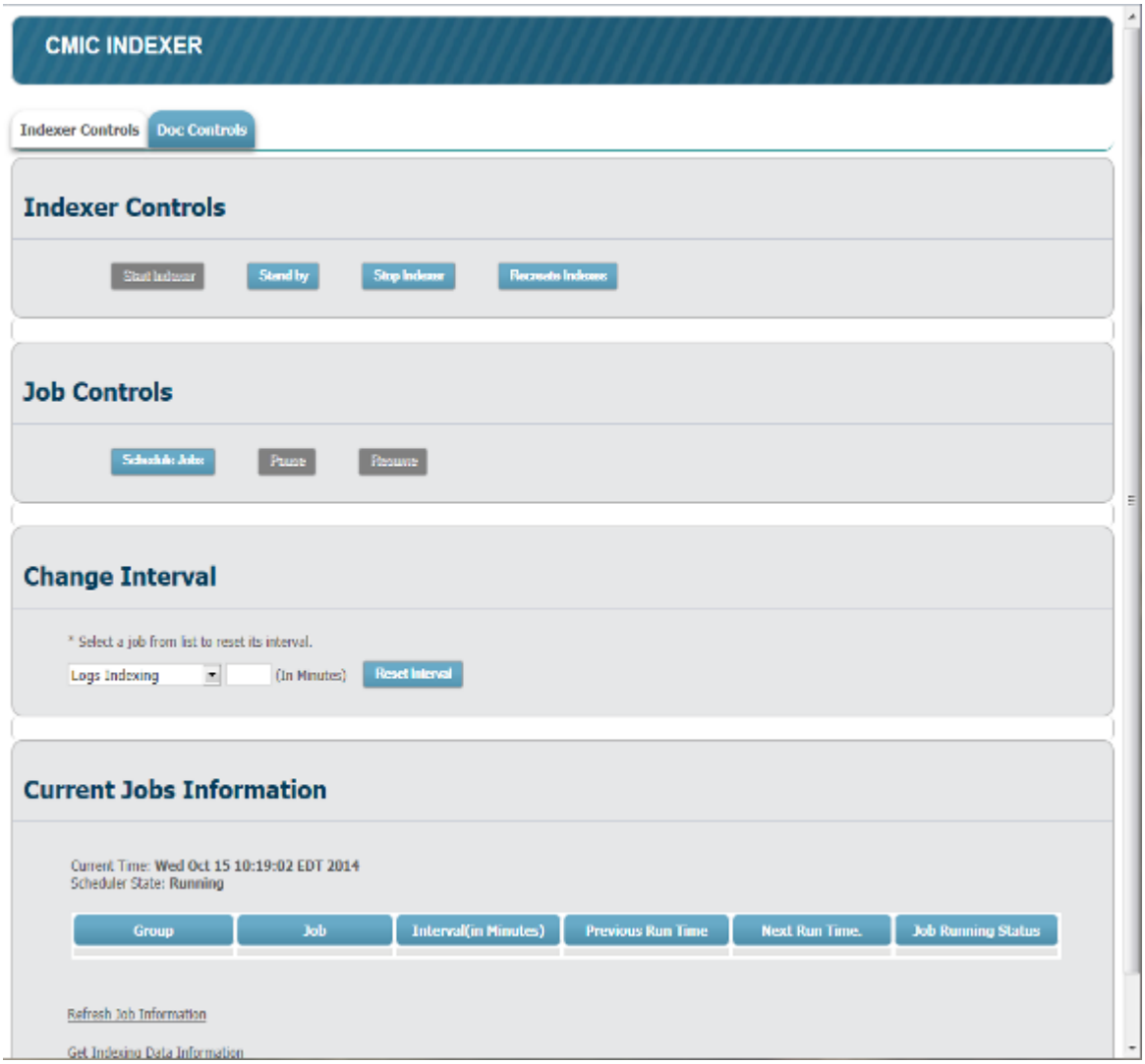
Enhanced CMiC Indexer (14.95206)

Changes have been made to enhance the user interface of the CMiC Indexer.

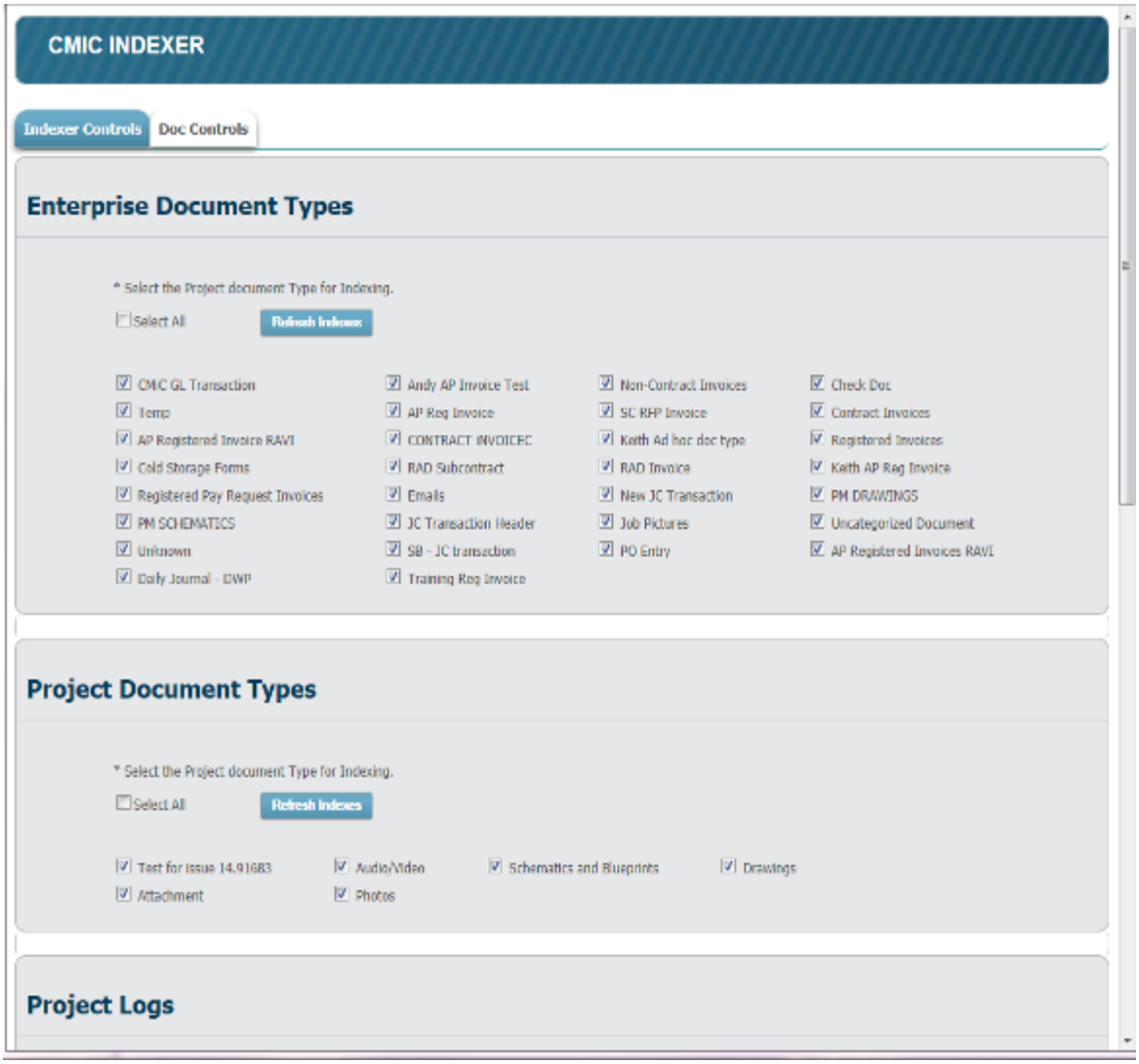
The Indexer screen is now separated into two tabs: Indexer Controls and Document Controls.

The Indexer Controls tab is the main ab from which the indexer is executed and monitored. The Document Controls tab is used to select the Document Types and Project Logs that are to be re-indexed. This action is expected to be carried out prior to starting the indexer.

Indexer Controls:



Document Controls:



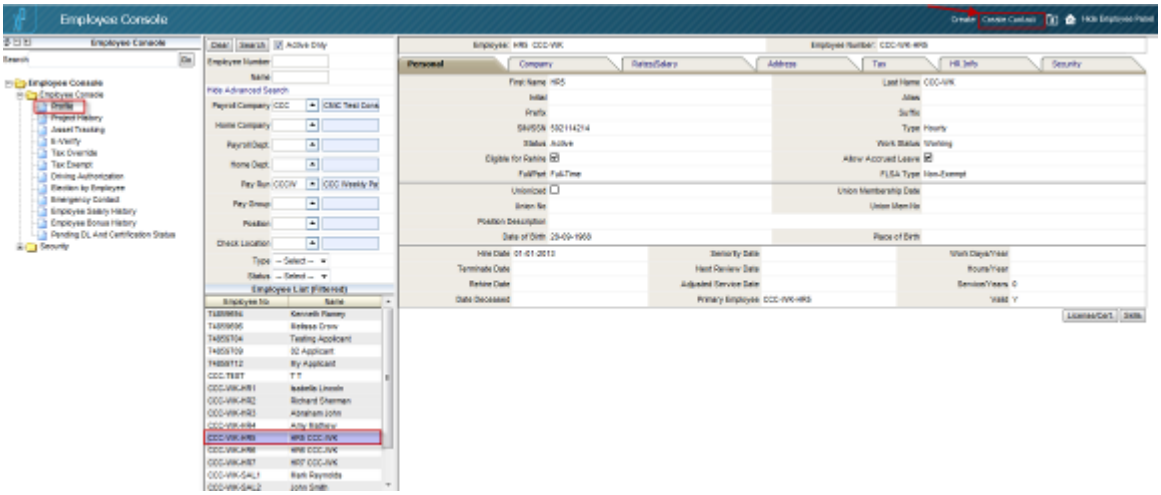
UDF Metadata Upload for ECM Explorer (18.58559)

CMiC has created a web service to support uploading of User Defined Fields (UDF) metadata for documents in ECM Explorer.

Employee Console

Addition of a new button on the JSP/Forms Employee Profile (14.89725)

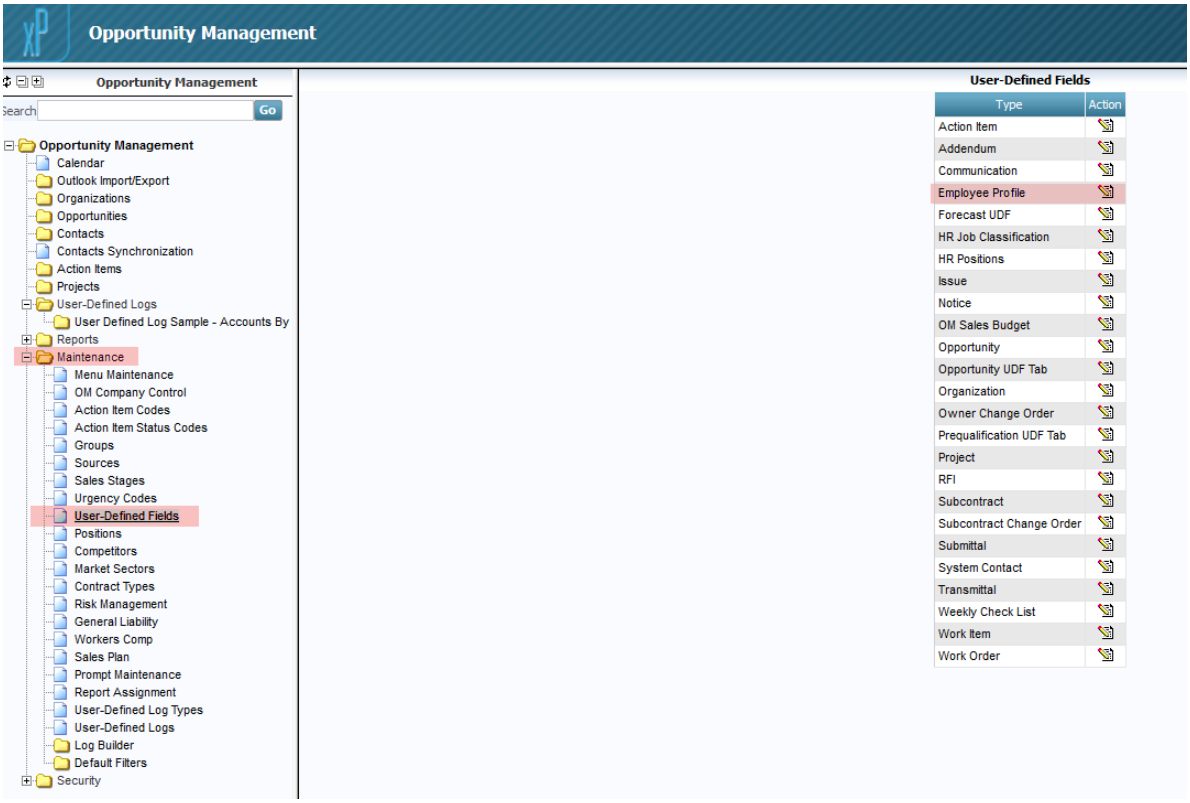
CMiC added a new button on the JSP/Forms Employee Profile called "**Create Contact**". Once a new employee is created, the user will be able to press this button for those employees who require a contact code in CMiC and the system will create a NEW contact code for that employee, using his First Name, Last Name and Payroll Company Code.



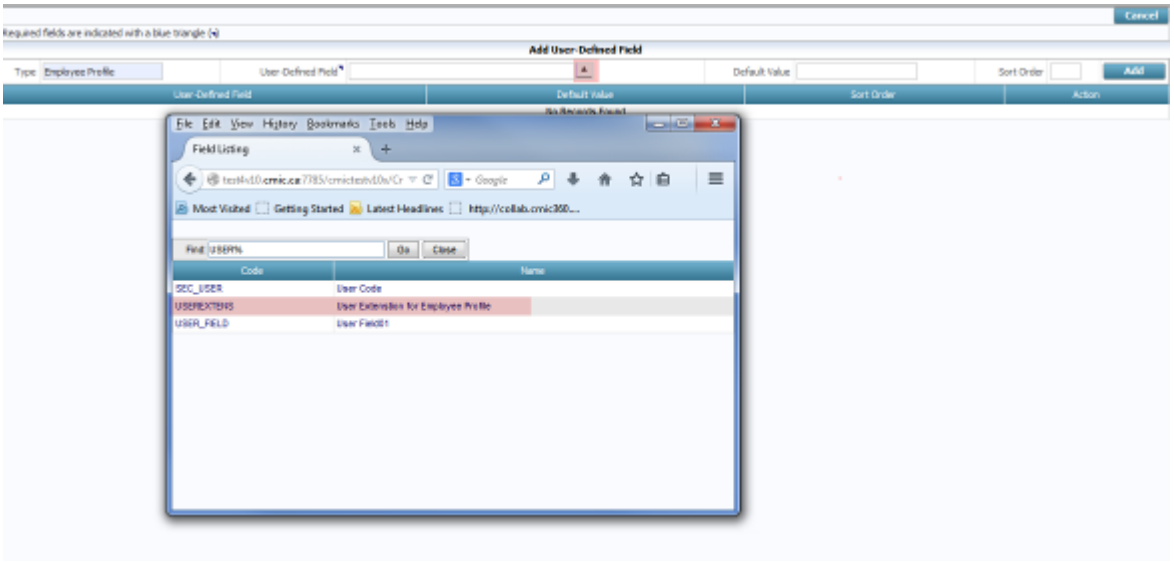
Addition of the User Extension tab to Employee Profile (14.95588)

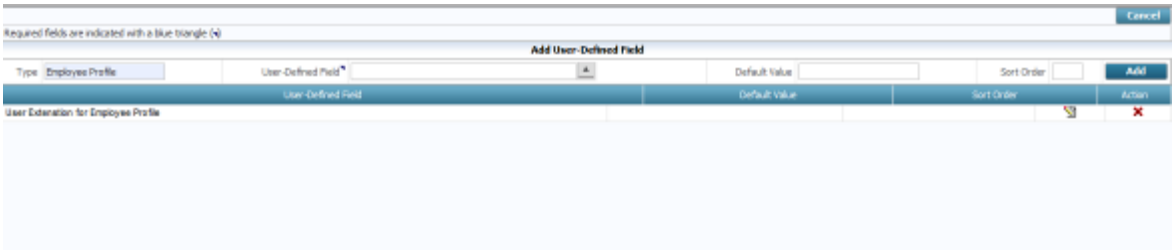
CMiC modified Employee Console JSP program called Employee Profile to add User Extension tab. User Extension tab displays User Defined fields which are setup in forms under the System-> User Extension menu.

1. In order to setup User Extensions user should go to Opportunity Management program-> Maintenance->User Defined fields->Select Employee Profile and click on this [ ] button.

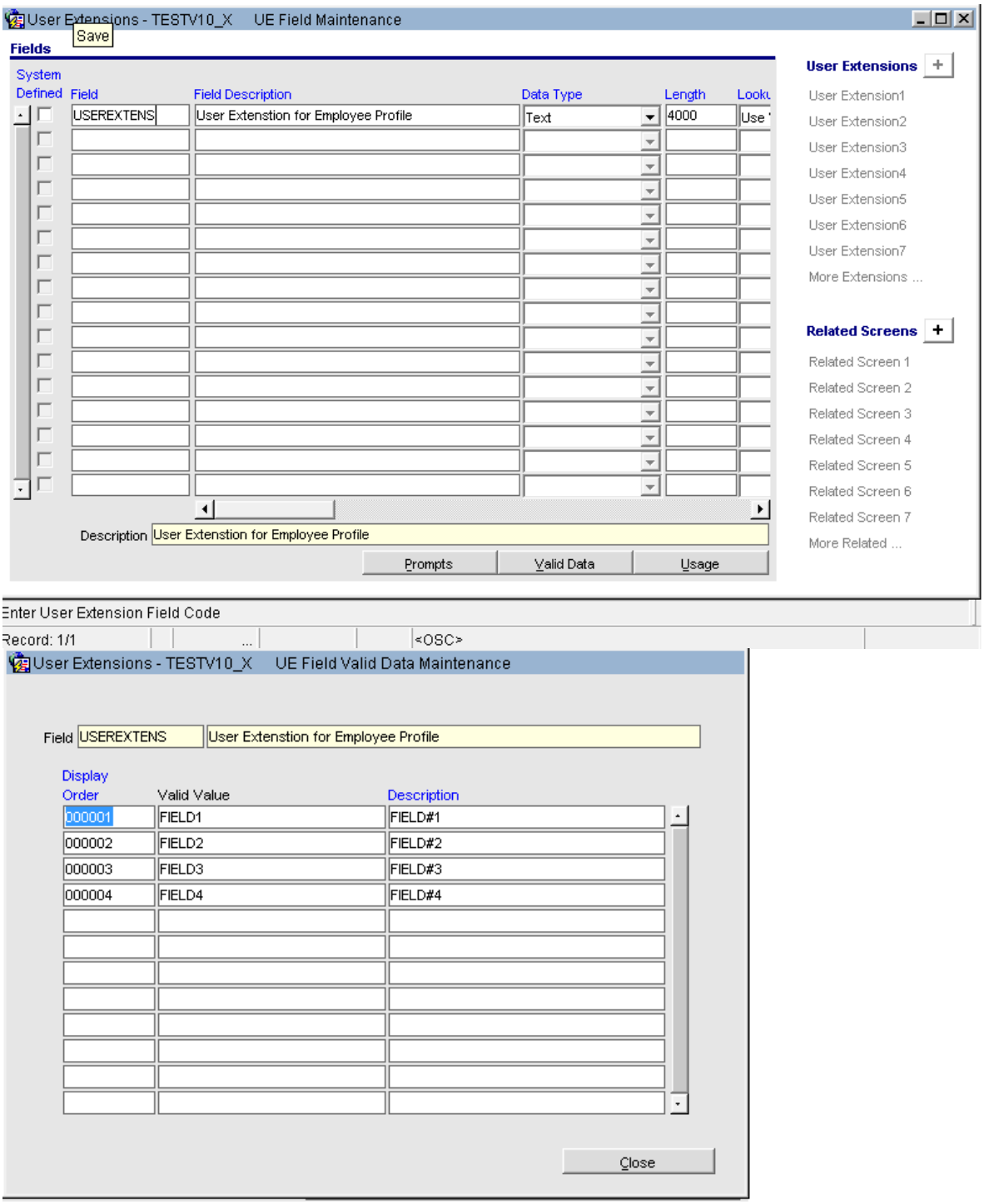


2. When a new screen opens, select desired User Defined Field from the LOV, setup Default Value (optional) and Sort Order (optional) and click [**Add**].

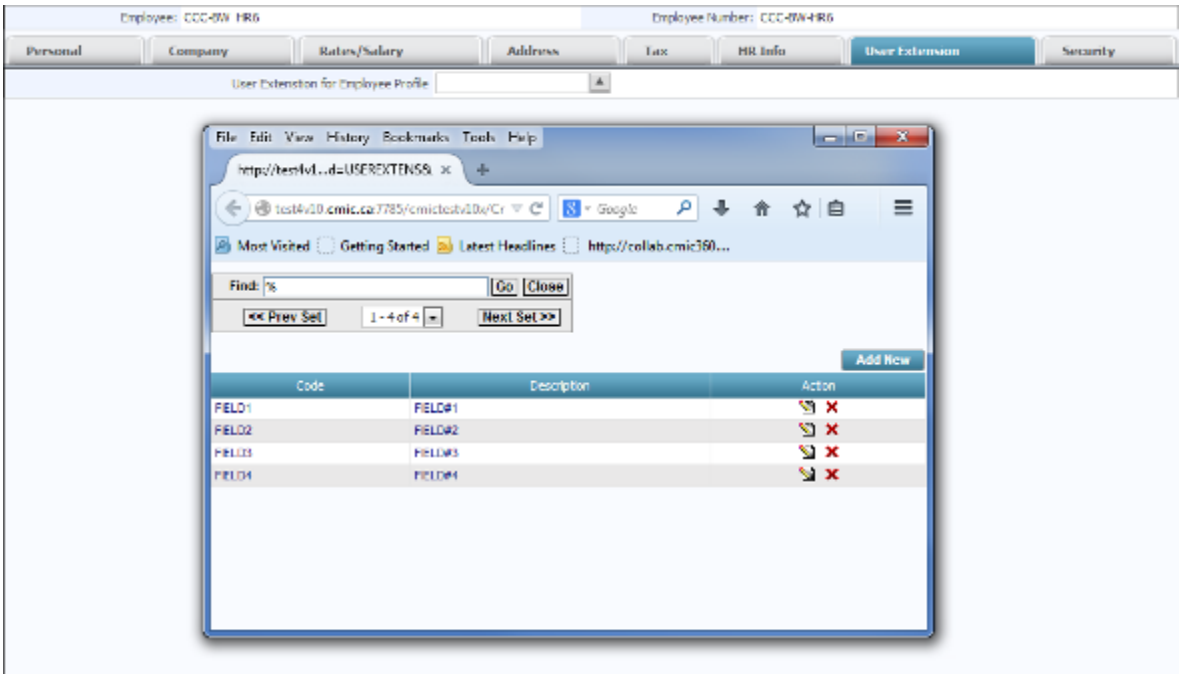


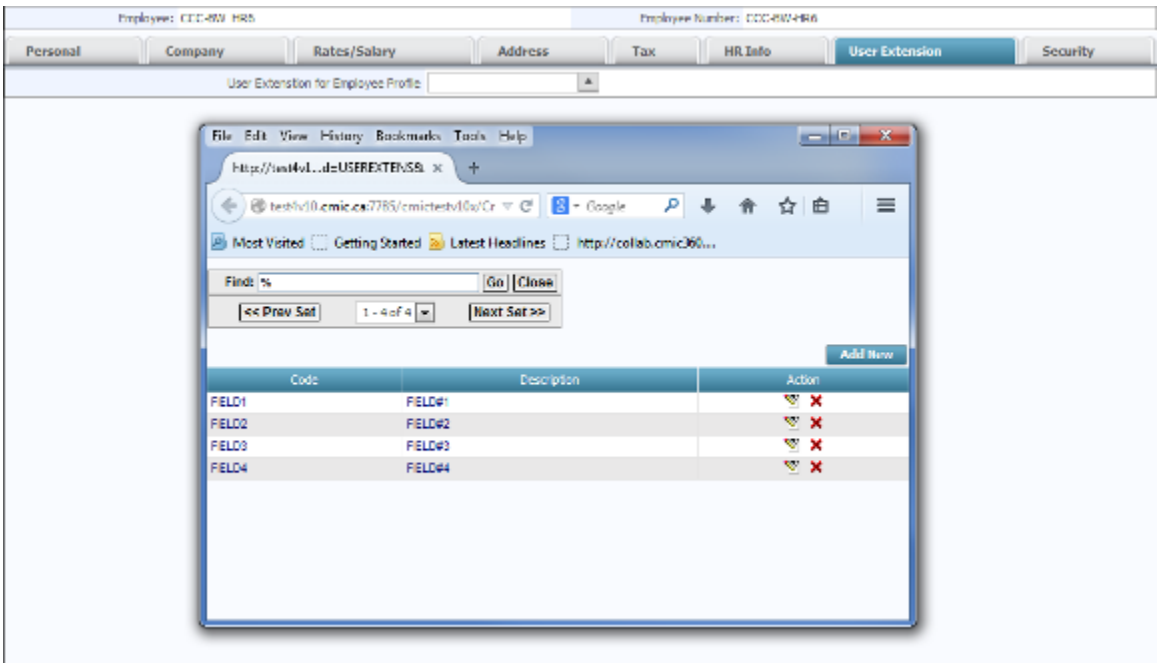


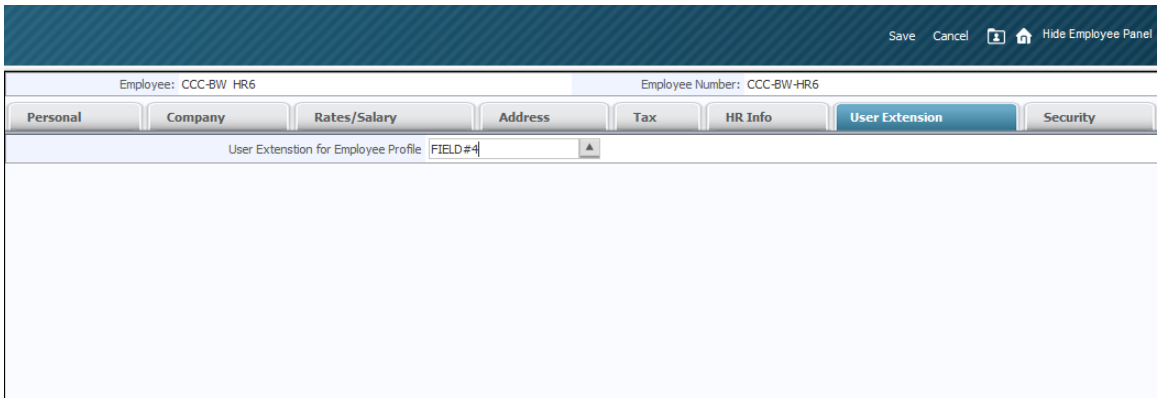
3. A user defined field named " User Extensions For Employee Profile" was created with 4 options of LOV under this user defined field.



4. When a user creates a new employee and goes to User Extenstions tab, a user defined field which was setup previously for the Employee Profile is displayed with an option to select from available LOV.


Personal
Company
Rates/Salary
Address
Tax
HR Info
User Extension
Security
User Extension for Employee Profile
File Edit View History Bookmarks Tools Help
Most Visited
Getting Started
Latest Headlines
Find:
Go
Close
<< Prev Set
Next Set >>
Add New
Code
Description
Action
FIELD1
FIELD#1
FIELD2
FIELD#2
FIELD3
FIELD#3
FIELD4
FIELD#4

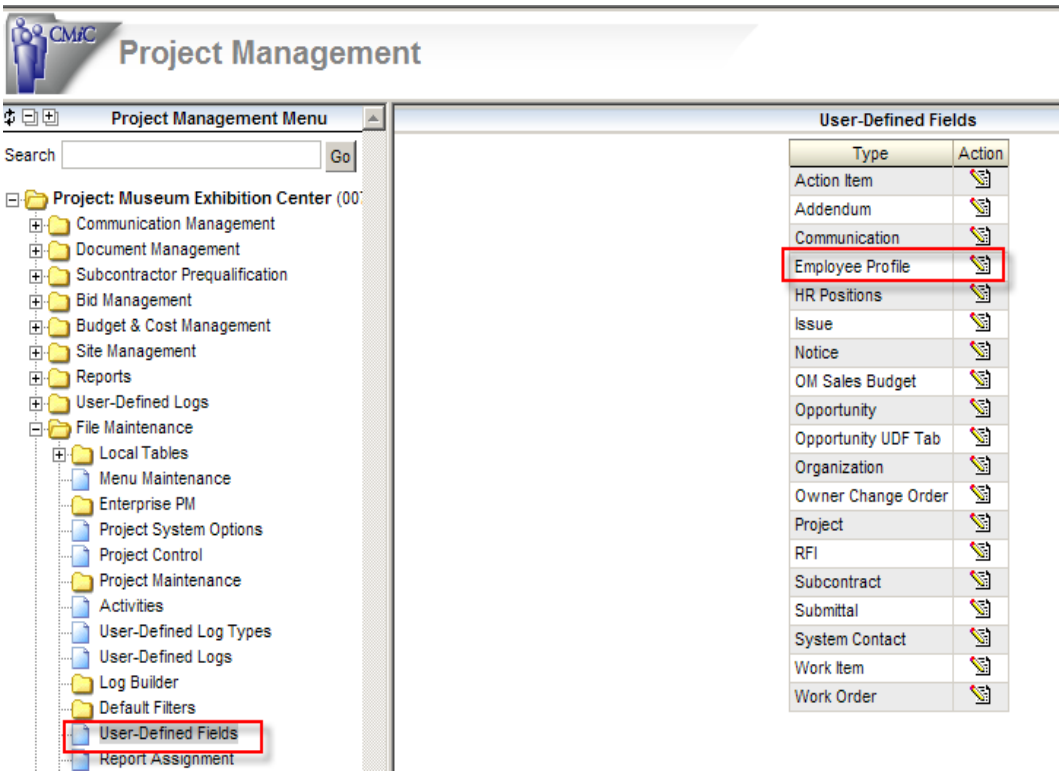

Personal
Company
Rates/Salary
Address
Tax
HR Info
User Extension
Security
User Extension for Employee Profile
File Edit View History Bookmarks Tools Help
Most Visited
Getting Started
Latest Headlines
Find:
Go
Close
<< Prev Set
Next Set >>
Add New
Code
Description
Action
FIELD1
FIELD#1
FIELD2
FIELD#2
FIELD3
FIELD#3
FIELD4
FIELD#4


Save
Cancel
Hide Employee Panel
Employee: CCC-BW HR6
Employee Number: CCC-BW-HR6
Personal
Company
Rates/Salary
Address
Tax
HR Info
User Extension
Security
User Extenstion for Employee Profile
FIELD#4

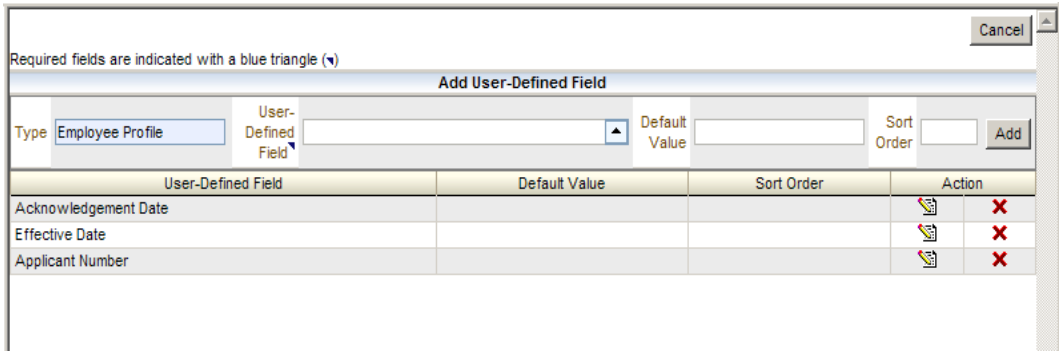
Employee Self Service

HR Information – User Defined Fields (10.47009)

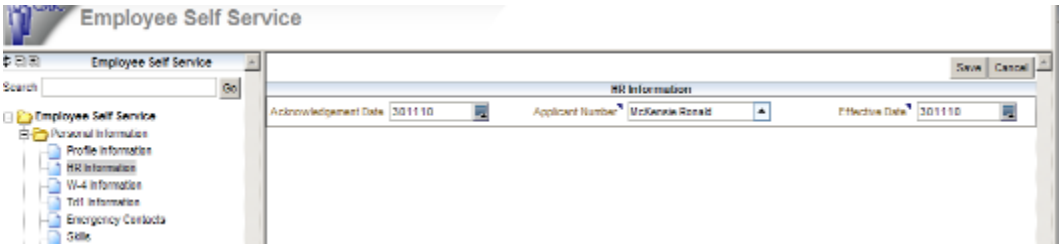
The User Defined Fields (UDFs) are first defined in the Project Management – User Defined Fields program (Type = Employee Profile). This definition is NOT project-specific:



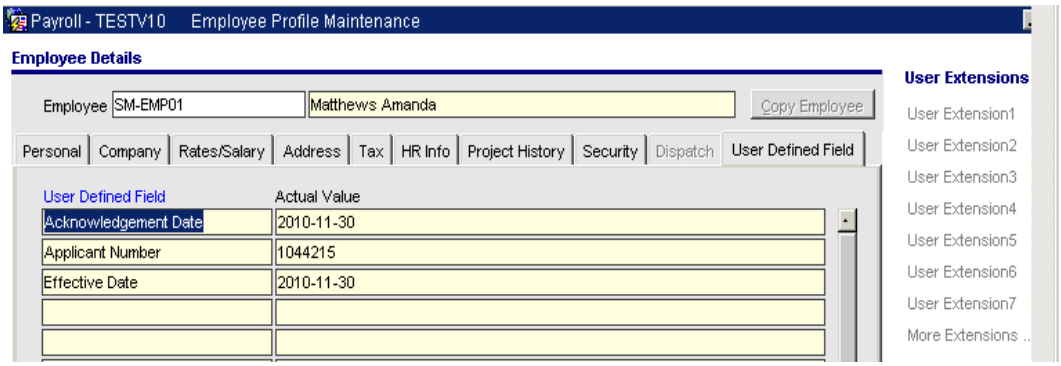
Click the icon to get the definition screen:



Once the fields are defined, they will be available in the Employee Self Service - HR Information screen to be populated:



They will also be displayed in the Forms Employee Profile – User Defined Fields tab, as display-only:



Employee Disciplinary Action in Employee Self Service and HCM (10.47012)

Added the Discipline History program to HCM as well as Employee Self Service. This is analogous to the HR Forms version of Discipline Tracking.

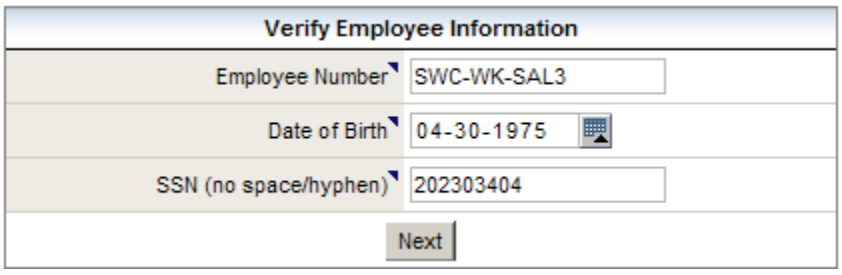
See details under Human Capital Management section of this document.

HR Self Service Registration Process (11.58126)

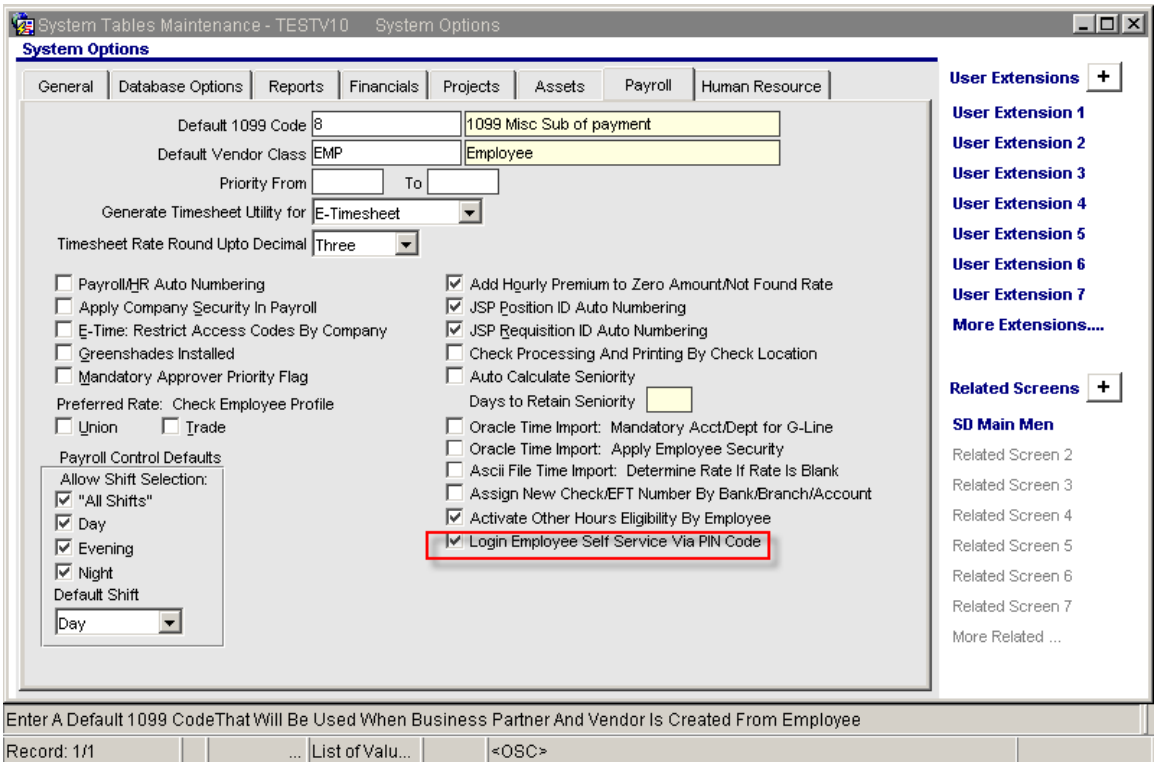
A new flag has been added to System Options to allow registration in Employee Self Service with a PIN. The employee may choose to register with a PIN or register with their SSO only.

The login process will be based on the new flag introduced on system option. When the new flag is checked then self service adds an additional security layer and confirms the employee number and pin code in order to login Self service after the single sign on.

When the flag is NOT checked then the system allows users to login with only single sign on and ignores the employee number and pin code.

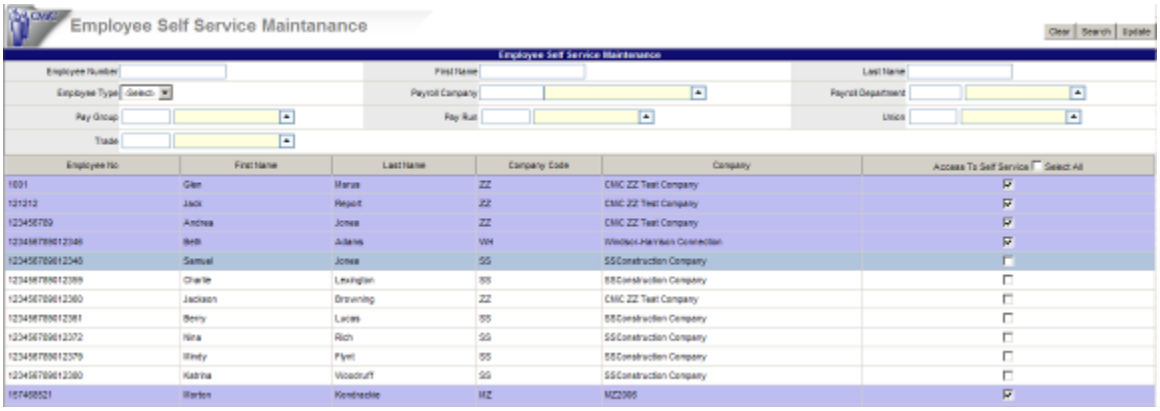


HR Self Service Registration Process (11.58126)



When the “Login Employee Self Service Via PIN Code” flag in System Options is checked, an additional security layer is added to Self Service to confirm the employee’s PIN code in order to login to Employee Self Service after the Single Sign On. When the flag is not checked, the system allows users to login with only the Single Sign On and ignores the PIN code.

When registering for Employee Self Service, the employee will be required to create a PIN code if the “Login Employee Self Service Via PIN Code” flag in System Data -> Setup -> System Options is checked. If it is not checked, the employee will not be required to create a PIN code.



The following steps apply to employees that are not CMIC users.

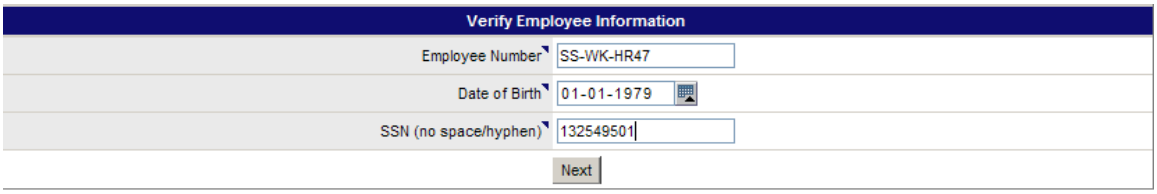
The employee’s email address must be specified on the Address tab of the Employee Profile. A role with code ESSBASIC must be created in Role Maintenance and the Programs, Menu Items, etc. applicable to Employee Self-Service must be checked.

The next step is to provide the employee with access to the ESS application so that they can register. This is done in the Employee Self Service Maintenance screen which is found in Human Capital Management (HCM).

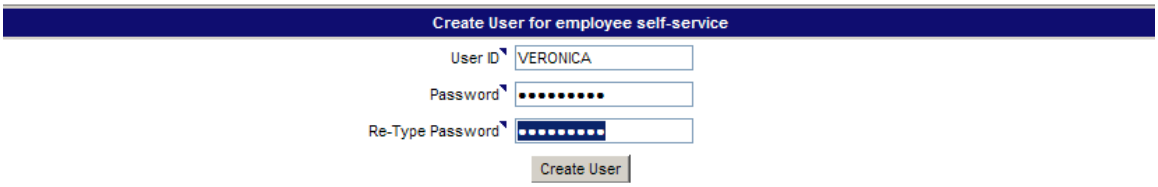
Check the "Access to Self Service" flag beside the employee's name and press the **[Update]** button to provide access to ESS.

```
Dear Veronica Drew,
  You have been granted access to CMIC Employee Self-Service. Please click the following link to register yourself.
http://wintest2006.cmic.ca:7779/cmicoc4jtest2006/SdMenu/essRegisterPage.do
Sincerely,
  The CMIC Employee Self-Service Team
```

An email will be sent to the employee indicating that they have been granted access to ESS, and a link will be provided for registration.



Upon clicking on the link to register, the screen above will be displayed. Enter the Employee Number, Date of Birth and SSN and press **[Next]**.



For employees who are not CMIC users, the screen above will be displayed for creating the non-enterprise user. Enter the User ID and password and press the **[Create User]** button.

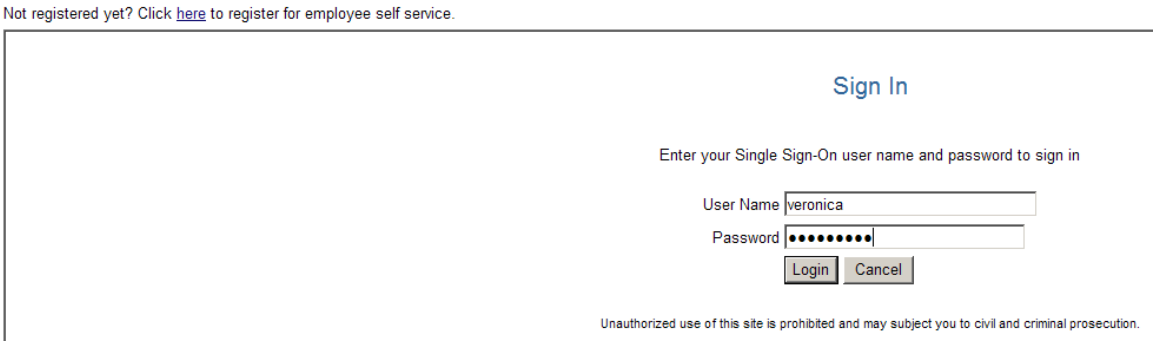
Registration success! A new user ID and a temporary PIN has been created and sent to your registered email.
Click here to login to employee self-service.

A non-enterprise user will be created so that the user may login to ESS from the link in the screen above. The user will be assigned to role ESSBASIC.

```
Dear Veronica Drew,
  Welcome to CMIC Employee Self-Service!
  A user has been created for employee self service.
  User ID:VERONICA  Password:Veronica1
  Your temporary PIN is POu9KxhQ, it is valid until 2011-05-19.
 Please click the following link to login.
  http://wintest2006.cmic.ca:7779/cmicoc4jtest2006/SdMenu/?appCode=SSE
Sincerely,
  The CMIC Employee Self-Service Team
```

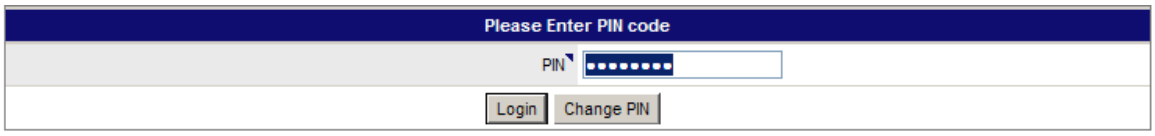
An email will also be sent to the employee with their User ID, Password and temporary PIN. If the System Options flag "Login Employee Self Service Via PIN Code" is checked, the employee will be required to create a PIN code.

If the flag is not checked, the employee will not be required to create a PIN code and the temporary PIN will not be included in the email. The user may log in using the link in the email.

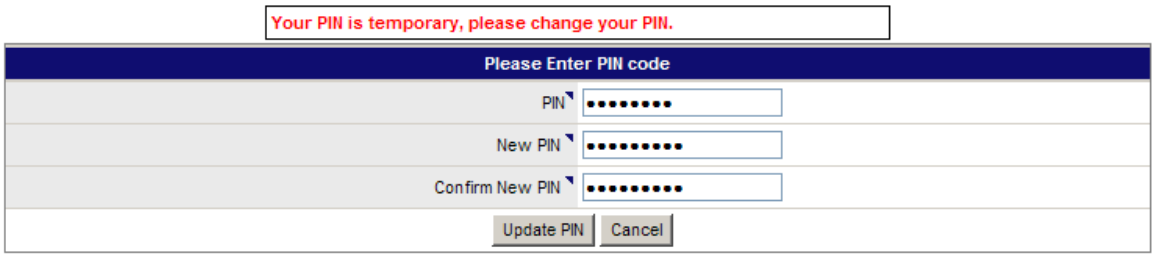


The employee will then be required to enter their Single Sign On username and password. If the "Login Employee Self Service Via PIN code" flag in System Options is checked, proceed with the steps below.

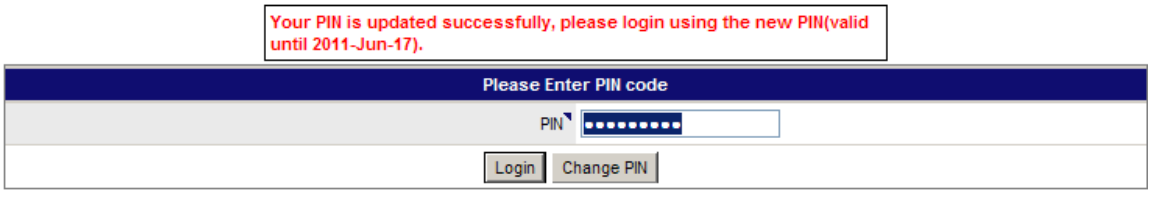
If the flag is not checked, the employee will now have access to their personal information in Employee Self Service.



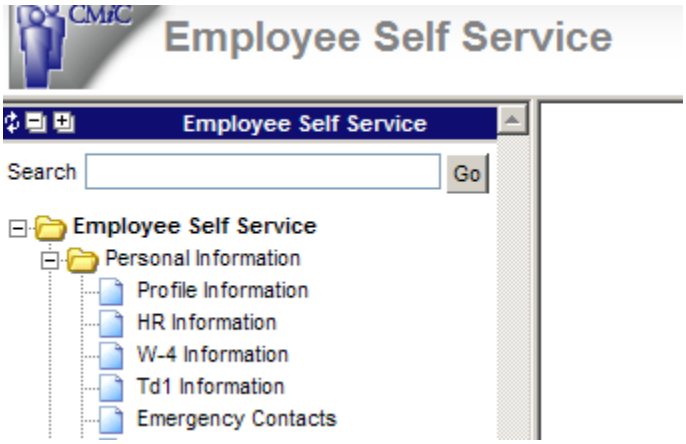
Enter the Temporary PIN provided in the email and press the **[Login]** button.



Then, update your PIN and press the **[Update PIN]** button.



Then, enter the new PIN and press **[Login].**



The user will be logged in to ESS and will be able to access their personal information.

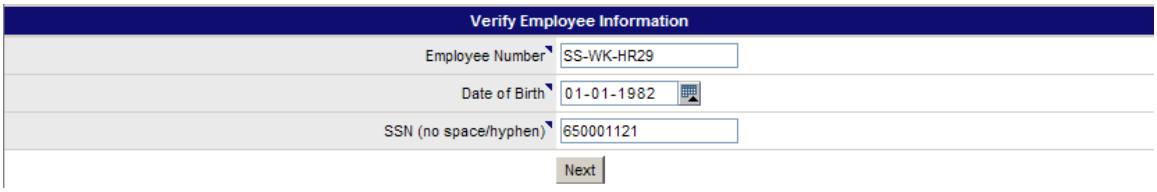
The following steps apply to employees that are CMIC users:

Employees that are CMIC users but are not yet registered in ESS must be assigned to any Employee Self-Service role in Role Maintenance before registering.

The email address of the employee must be specified on the Address tab of the Employee Profile. Then, they should be provided access to Employee Self Service by checking the "Access to Self Service" flag for the employee in Employee Maintenance in HCM and pressing **[Update]**.

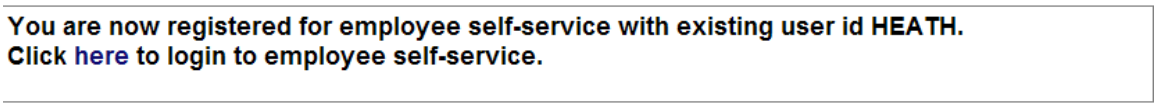
```
Dear Heath Windsor,
  You have been granted access to CMIC Employee Self-Service. Please click the following link to register yourself.
http://wintest2006.cmic.ca:7779/cmicoc4jtest2006/SdMenu/essRegisterPage.do
Sincerely,
  The CMIC Employee Self-Service Team
```

An email will be sent to the employee's email address specified on the Employee Profile. Next, click on the Employee Self Service link from the email or from the treeview and register.



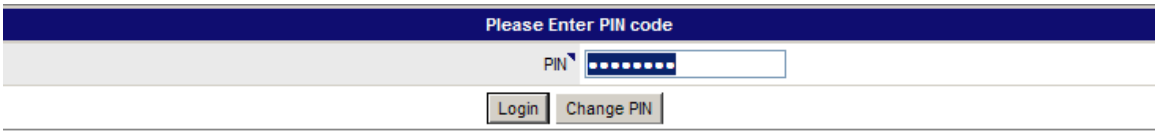
Upon entering the Employee Number, Date of Birth and SSN, an email will be sent to the employee with the temporary PIN and a link to the registration screen if the "Login Employee Self Service Via PIN Code" flag is checked in System Options. Then, proceed with the steps below.

If the flag is not checked, the employee may click on "here" in the message displayed to access their personal information in Employee Self Service and they will not be required to create a PIN code.

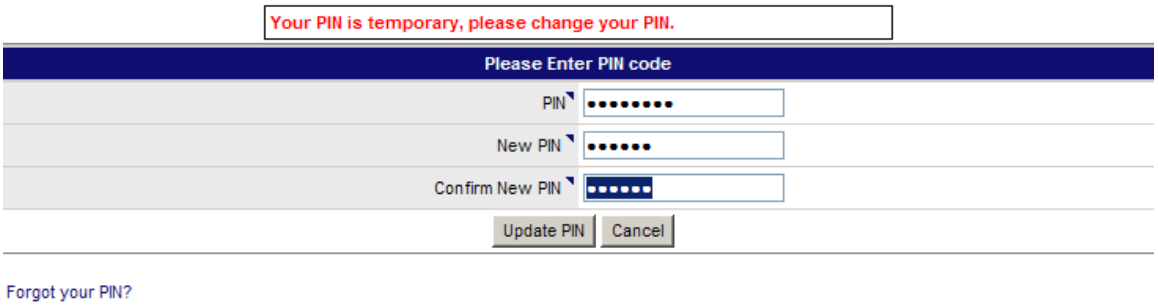


```
Dear Heath Windsor,
  Welcome to CMIC Employee Self-Service!
  You are now registered for employee self-service with existing user id HEATH.
  Your temporary PIN is GgT3imCi, it is valid until 2011-05-20.
  Please click the following link to login.
  http://wintest2006.cmic.ca:7779/cmicoc4jtest2006/SdMenu/?appCode=SSE
Sincerely,
  The CMIC Employee Self-Service Team
```

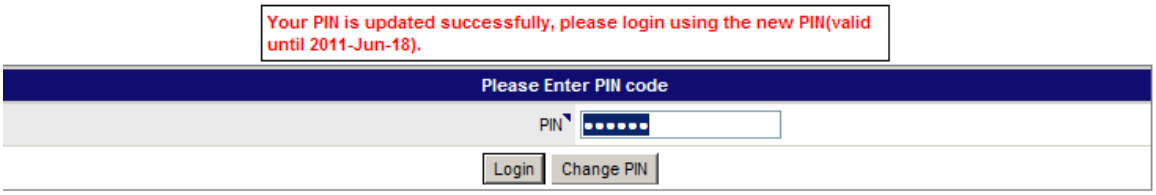
Click on the link in the email or “here” in the screen above.



Enter the temporary PIN and press the **[Login]** button.



The employee will be required to enter a new PIN. Press **[Update PIN]** after entering the new PIN.

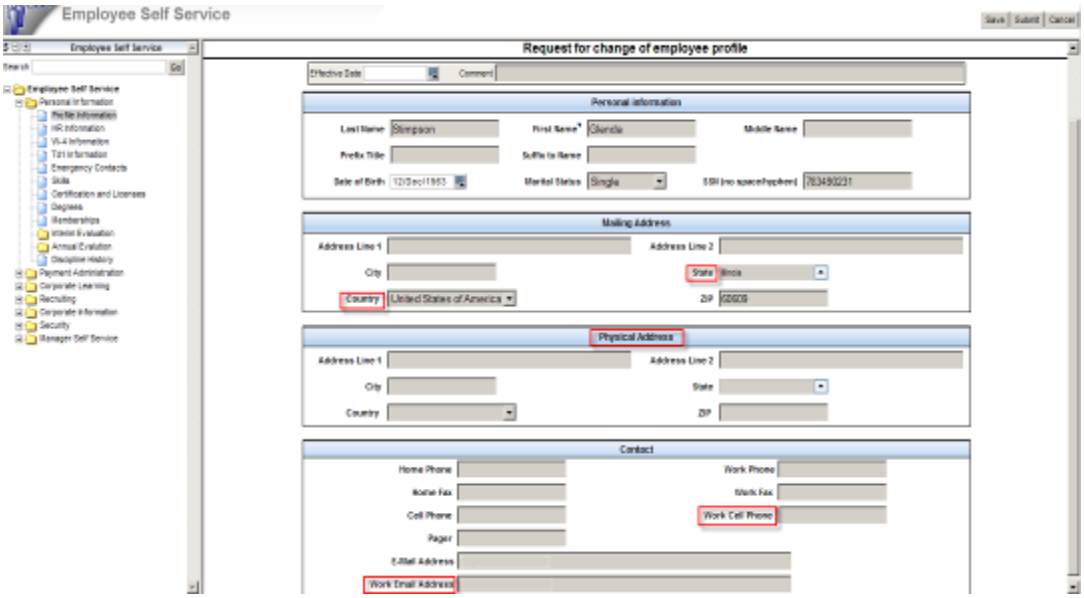


The PIN will be updated. Enter the new PIN and press the **[Login]** button.



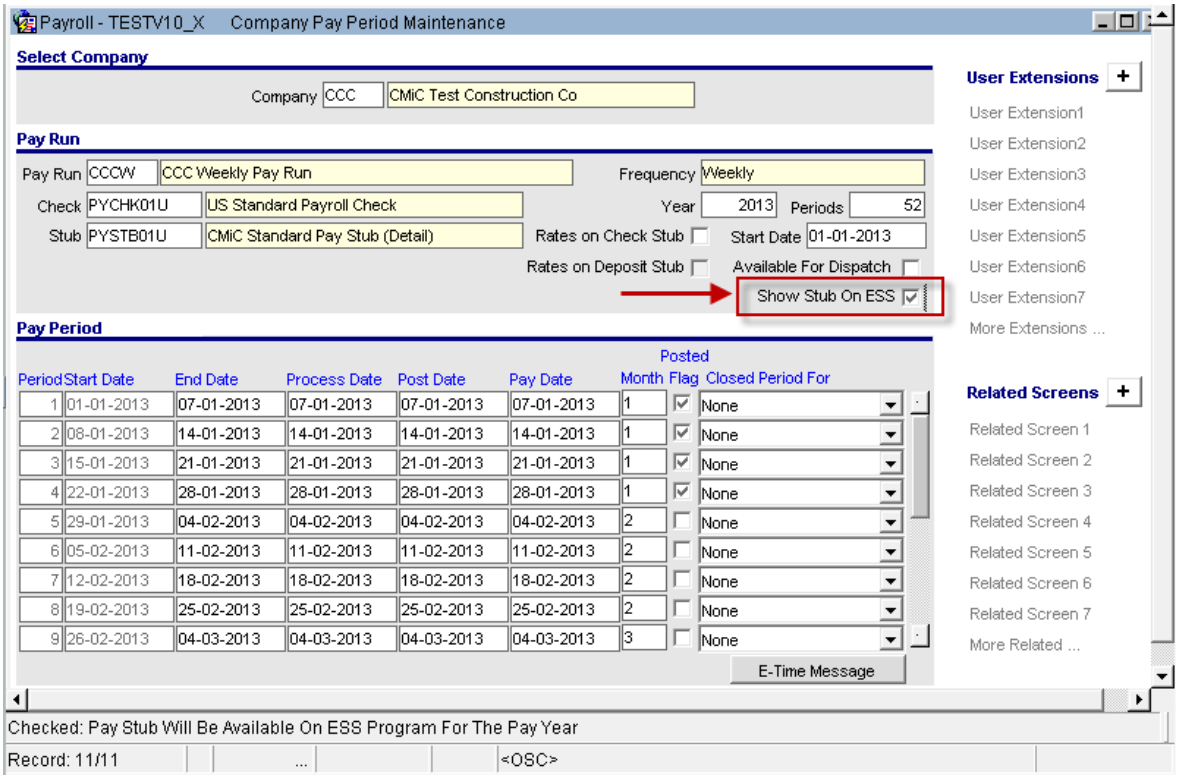
The employee will now able to access their personal information in the Employee Self Service screen.

Profile Information - Additional Fields (12.69301)



Added fields for State, Country, Physical Address, Work Cell Phone, Work Email Address.

ESS: Stub Printing Modifications



CMiC added a new flag on Company Pay period to allow users to make stub available on ESS program for previous year or current year.

The flag has been added on pay period header to turn off the stub printing for entire year for specific payroll year so the old pay stub will be hidden from ESS program to avoid long LOV. When the flag is checked CMiC will print stub for that year only. The application also considers the PAY DATE for current period. If the system date is equal or lower to the check date then the stub will be available on ESS pay stub printing screen.

Enterprise Content Management

CMIC Search and Indexing (13.85920)

Search and Indexing components are being added to the ECM Outlook feature. Some programming was released in a previous patch as well as this patch. There is still on-going development to be released in future patches. Below is an outline of how to launch and use CMiC Search and Indexer.

These features are currently compatible with IE 9 and IE 10 browsers using Windows 7.

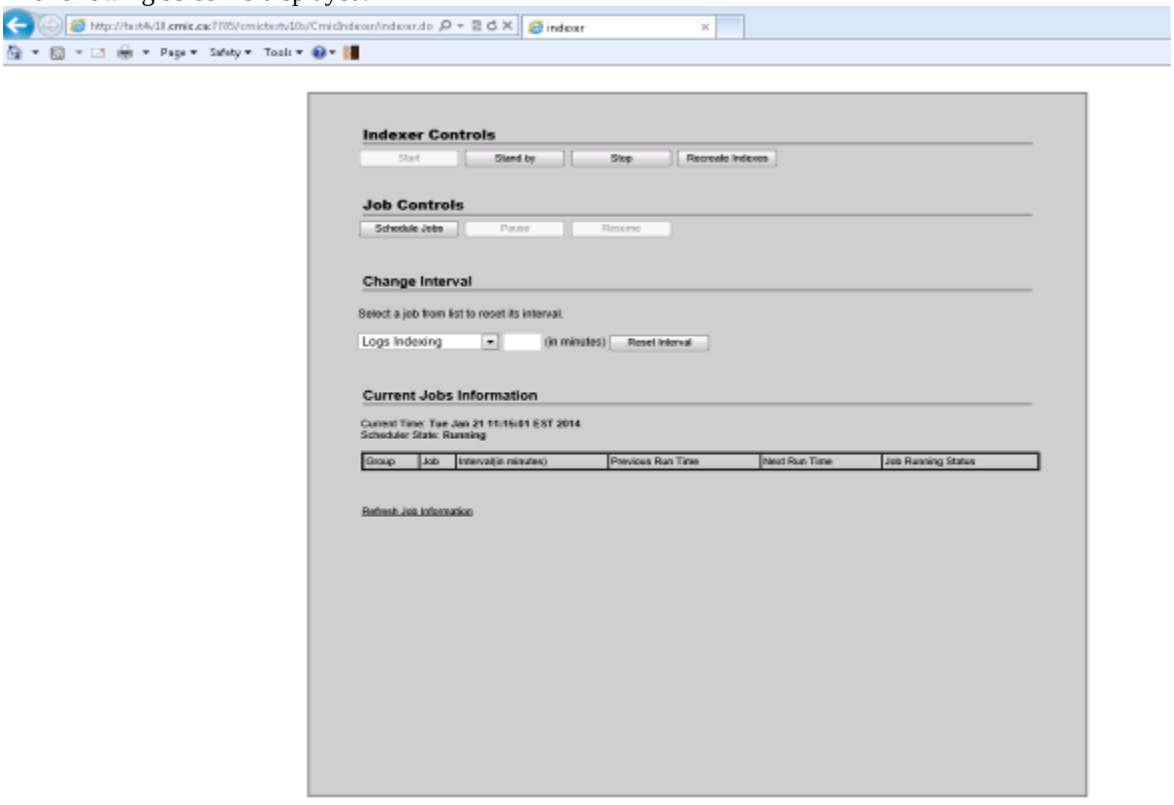
CMIC Indexer

The Indexer is useful in rebuilding indexes when changes have been made to the database structure, and also to improve search performance.

Launch the Indexer by typing the following url in a new browser session or manually add it to the tree-view.

http://<SERVER>:<PORT>/cmic<ENVIRONMENT>/CmicIndexer/indexer.do

The Single Sign-On screen is displayed for user log in. Enter your login credentials.
The following screen is displayed:

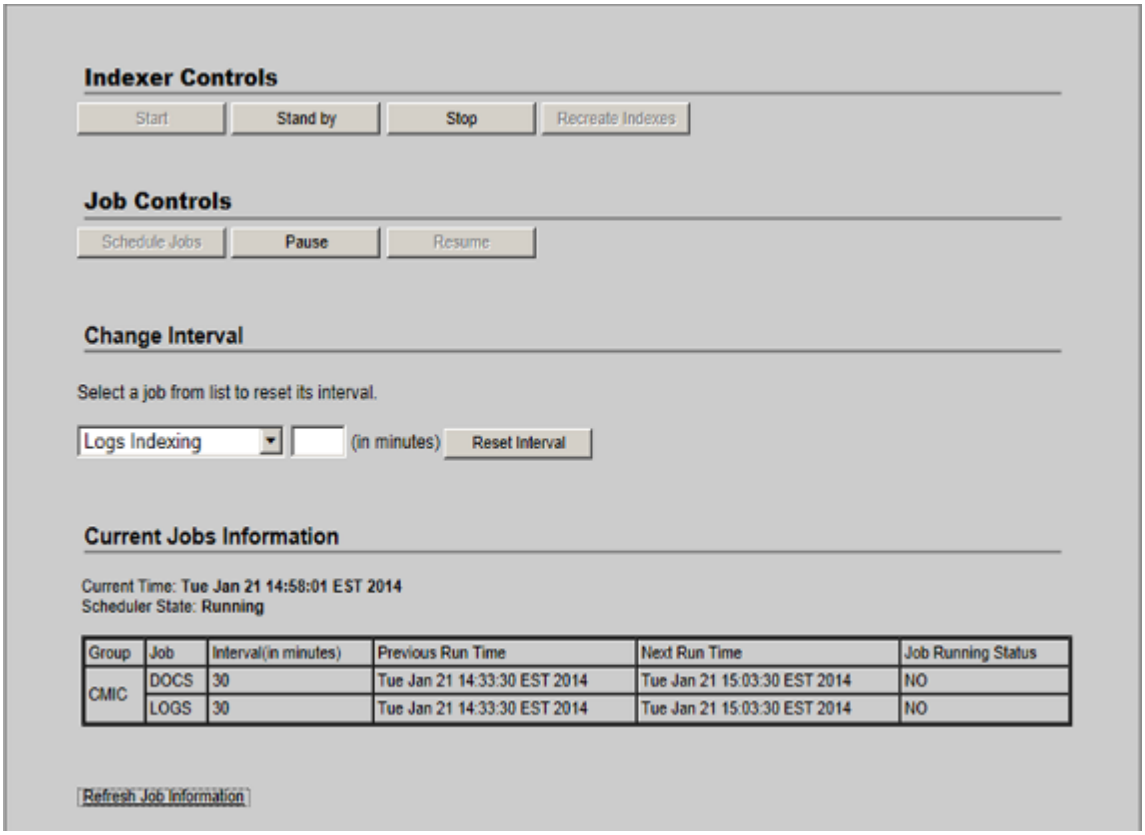


Click the **[Start]** button to initiate the indexing procedure. The '**Current Jobs Information**' section will display the current status of the process.

Click the '**Refresh Job Information**' link to see the latest status of the indexing procedure.

You can use the **[Stop]** button to stop the indexing procedure at any time.

When the Indexer has finished running the running status changes from ‘YES’ to ‘NO’:



CMiC Search

Launch CMiC Search by typing the following url in a new browser session or manually add it to the tree-view.

http://<SERVER>:<PORT>/cmic<ENVIRONMENT>/CMiCSearch/CMiCSearch.do

The Single Sign-On screen is displayed for user log in. Enter your login credentials.

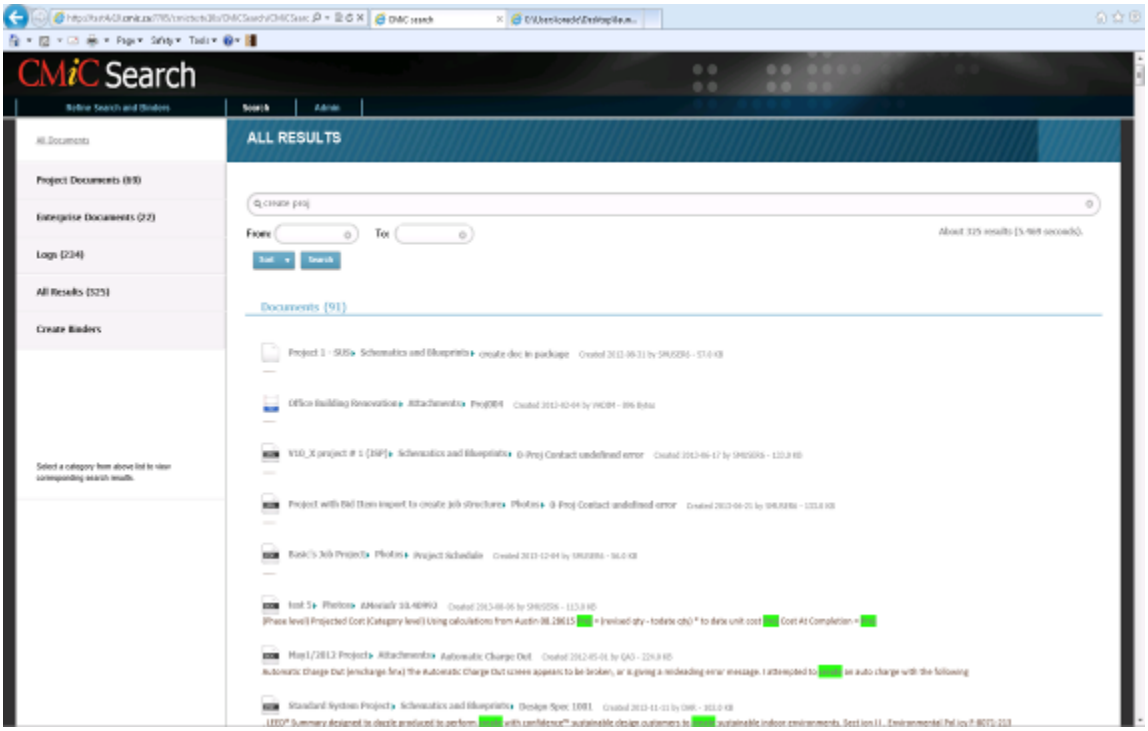
The following screen is displayed:



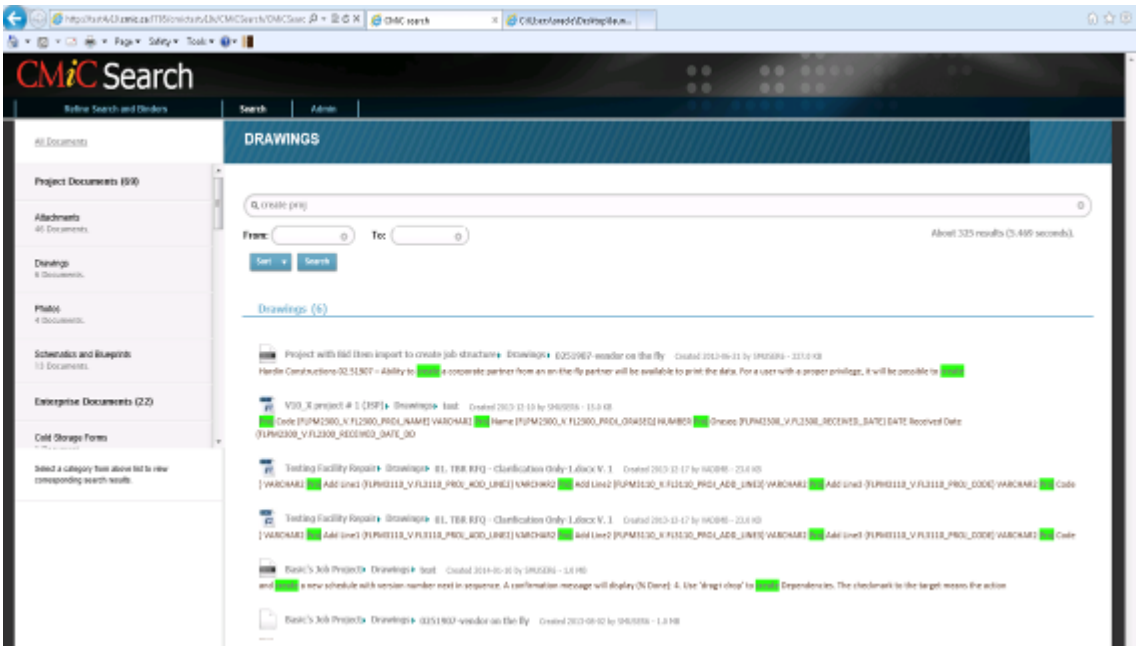
Enter the text to search beside the magnifying glass icon and press the 'Enter' key or click on the **[Search]** button. **DO NOT USE THE TAB KEY at this time as it is non-functional for this feature.**

Search results (if any) will be distributed appropriately to the four sections shown in the left column of the display: Project Documents, Enterprise Documents, Logs and All Results.

For Example, if the search string 'create proj' is entered, the results would show:



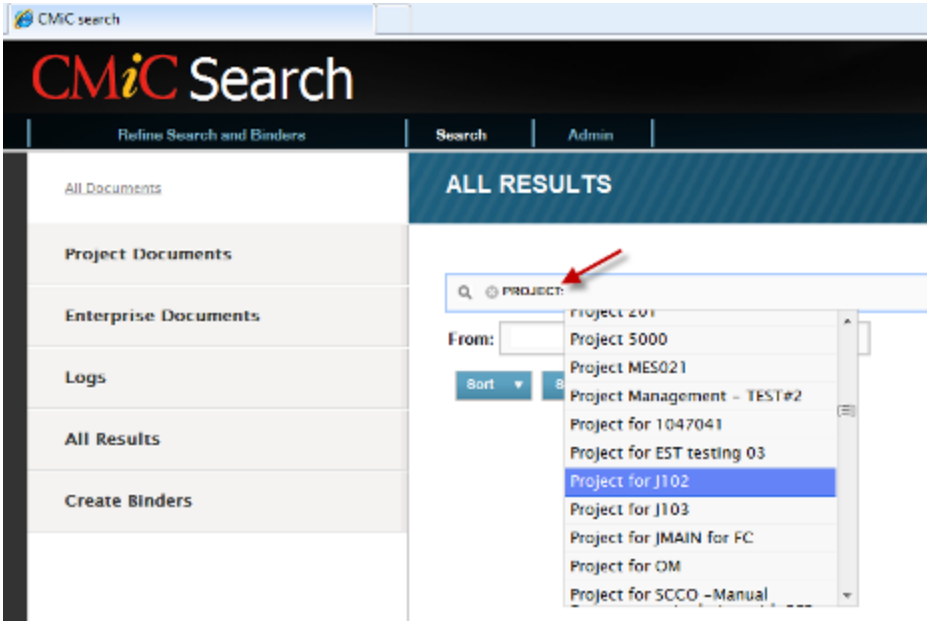
Clicking on the button for each category will give a further breakdown by document type or log type, and will show the records found for that type:



Clicking on a document icon allows you to 'Download' i.e. open the image, and clicking on the text beside the document icon gives you 'More Information', i.e. open up the record in JSP or Enterprise (Imaging).

Search Parameters

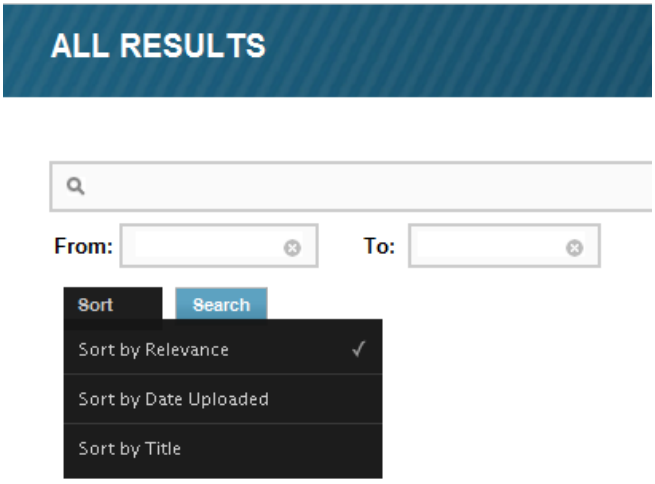
Search parameters are currently set up for **project** and **log**. If the word 'project' (or part thereof) or 'log' (or part thereof) is typed as a search string, CMiC Search will display a list of projects or logs from which the user can select the following text string to search.



Date parameters can also be entered. Click in the date fields (From and To) to get the calendar popup from which dates can be selected.

Sorting

Search results are presented '**Sorted by Relevance**', by default. The user can change the sort order to either of two other options: **Sort by Date Uploaded** and **Sort by Title**:

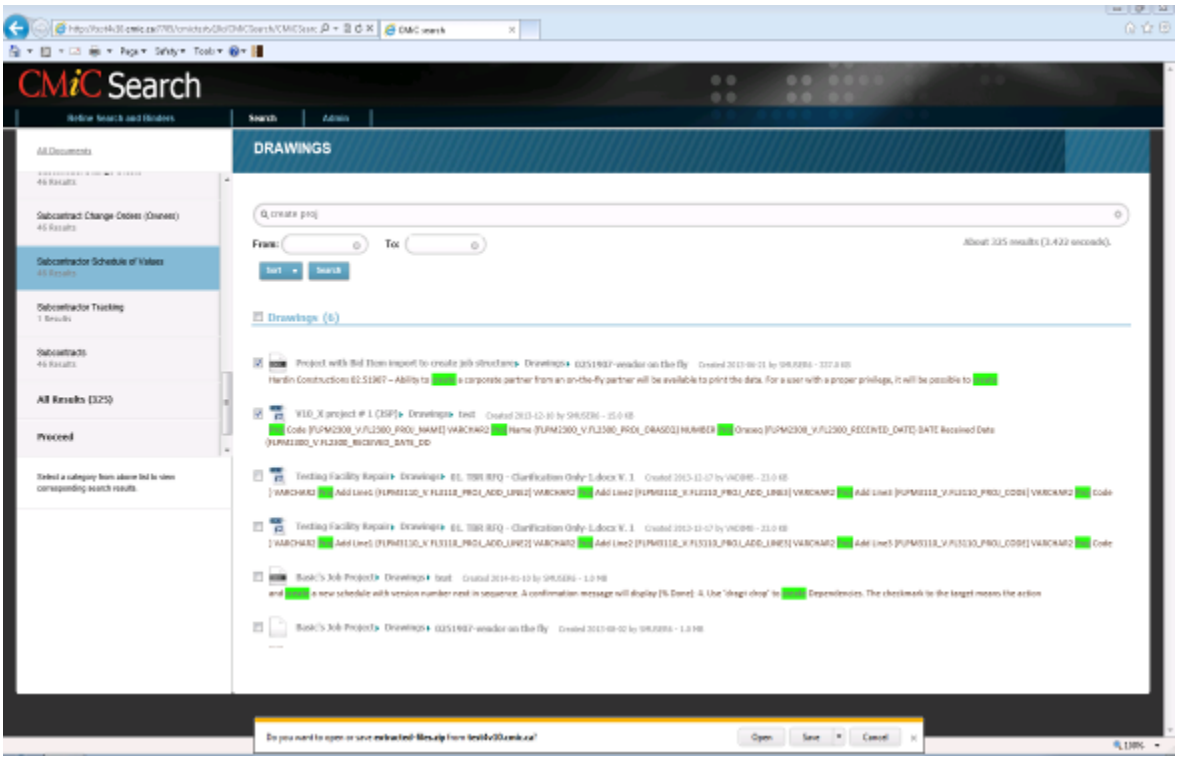


Creating Binders

This feature allows the user to create a zip file from a number of user selected document attachments, from search results.

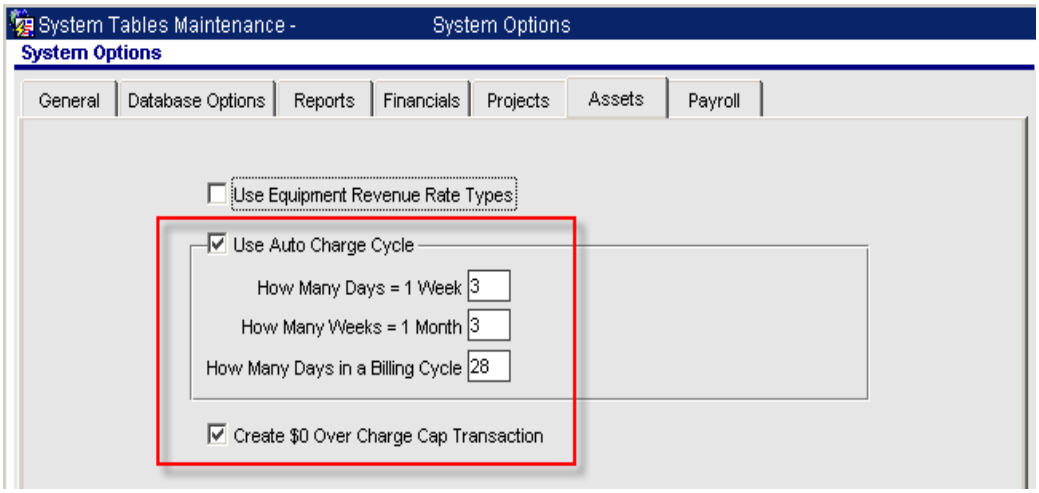
The [Create Binders] button is applicable to Project Documents and Enterprise Documents. If the user is in any of these types at one of the lower levels and click the [Create Binders] button, checkboxes will be displayed to the left of every record in the search results for that document type. In addition, the Create Binders button has switched to the [Proceed] button.

Select one or more records and click [Proceed]. You will be asked whether you want to open or save the extracted files:

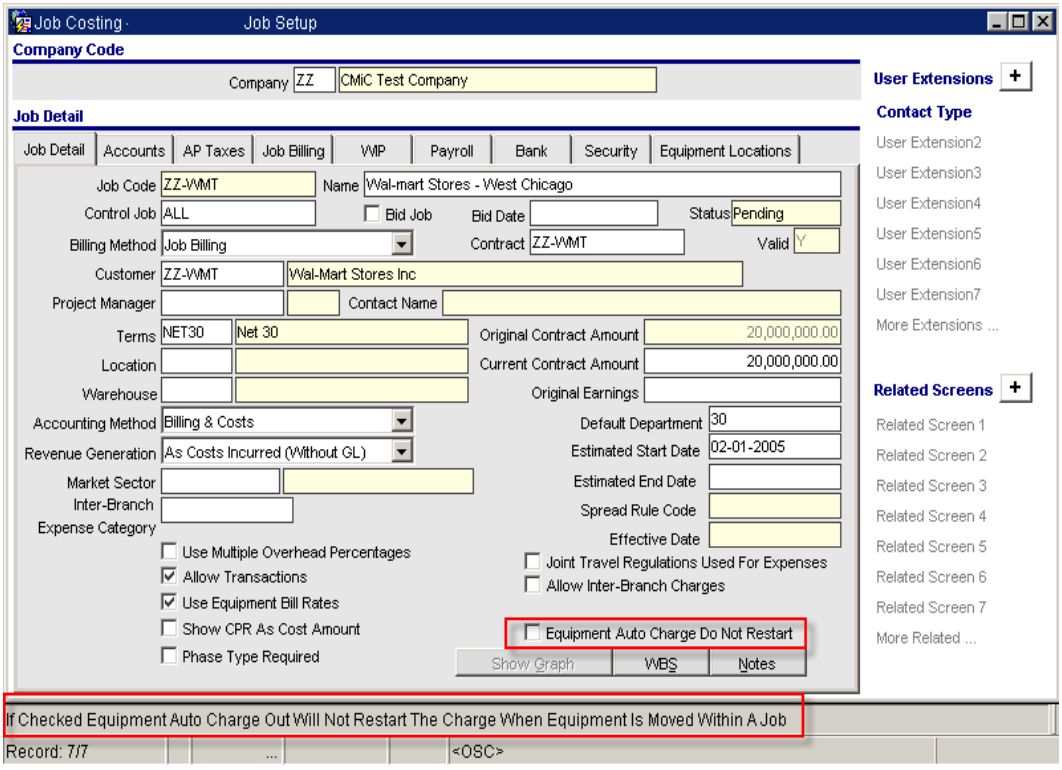

CMiC Search
DRAWINGS
All Documents
Subcontract Change Orders (Owner)
Subcontractor Schedule of Values
Subcontractor Tracking
Subcontracts
All Results (325)
Proceed
From:
To:
Drawings (6)

Equipment Costing

Flexible Auto-Charge based on System Options (08.23634)



This uses the following JC flag as well:



Home Location Transfer for Equipment (09.31294)

These changes allow the user to change the home location for accounting purposes so that transactions are allocated against another General Ledger department.

It is accessed via ***EC*** > ***Utilities*** > ***Home Location Transfer***

First create a batch for the transfer transactions then supply the details in the 'Selection' area of the screen. Once the entries are made and saved, they can be posted using the '**Home Location Transfer Post**' menu item.

An Edit Listing screen is also available to print an edit list of posted or un-posted transactions.

Ability to post EC Auto Charges by Hours not Days (09.41253)

Introduced a new Equipment Costing Control File flag: "**Post Auto-Charge in Hours**". Hours are based on the conversion defined in the WM table.

Equipment Rates for Home Location and Job/Equipment Class (09.32223)

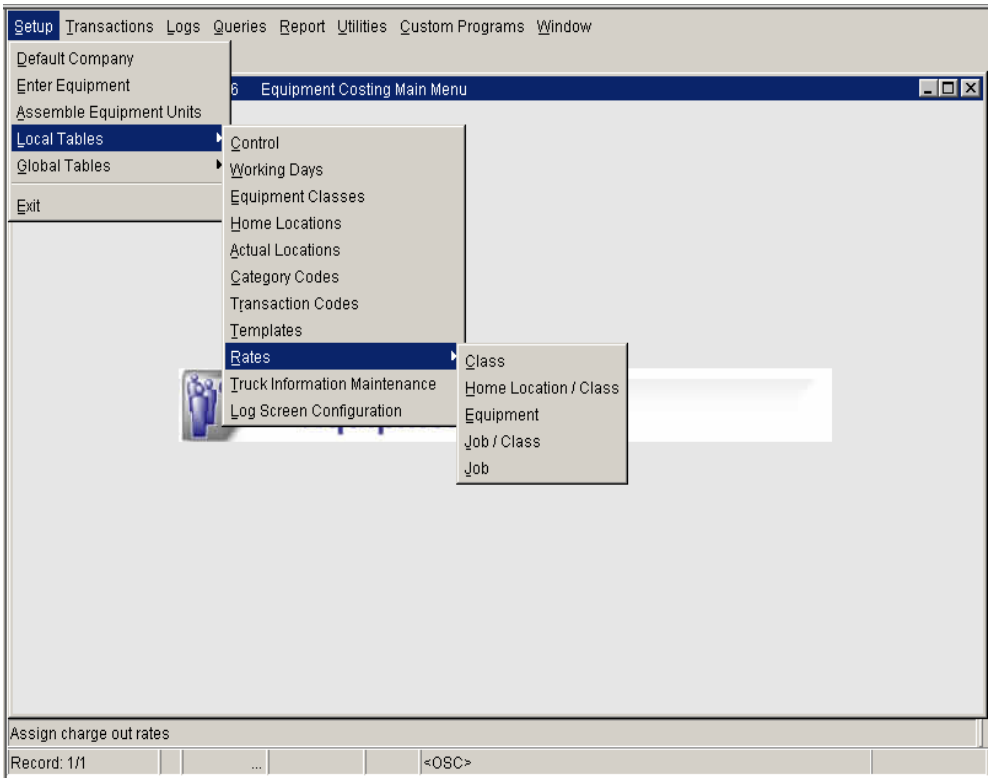
Added the ability to set up rates by

- Home Location
- Job and Class

Summary of Changes

Added two menu items to the ***Equipment*** > ***Local Tables*** > ***Rates*** sub-menu:

Home Location/Class and Job/Class:



The hierarchy for retrieving rates is:

(Highest level): Equipment Class

Equipment Home Location & Class

Equipment

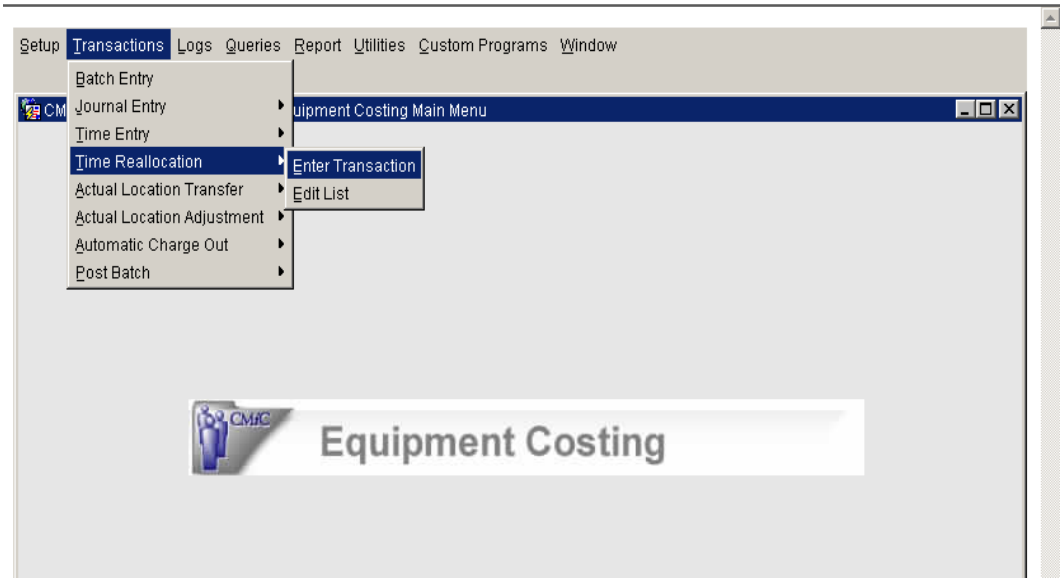
Equipment Class & Job

Equipment & Job (Lowest level).

Equipment Time Reallocation (09.37759)

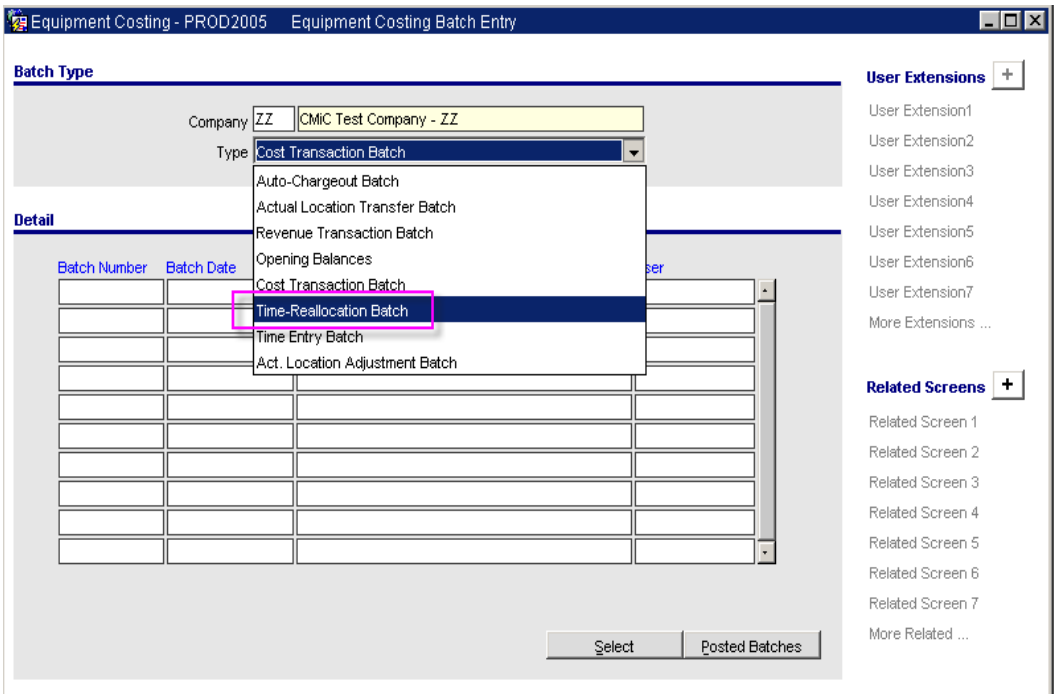
Introduced the ability to choose the job/phase/category that the equipment time credit is posted to instead of having just the default home location account for the equipment. The changes involved are described below.

1. Added the menu item '**Time Reallocation**' to the *Equipment Costing* > *Transactions* menu:

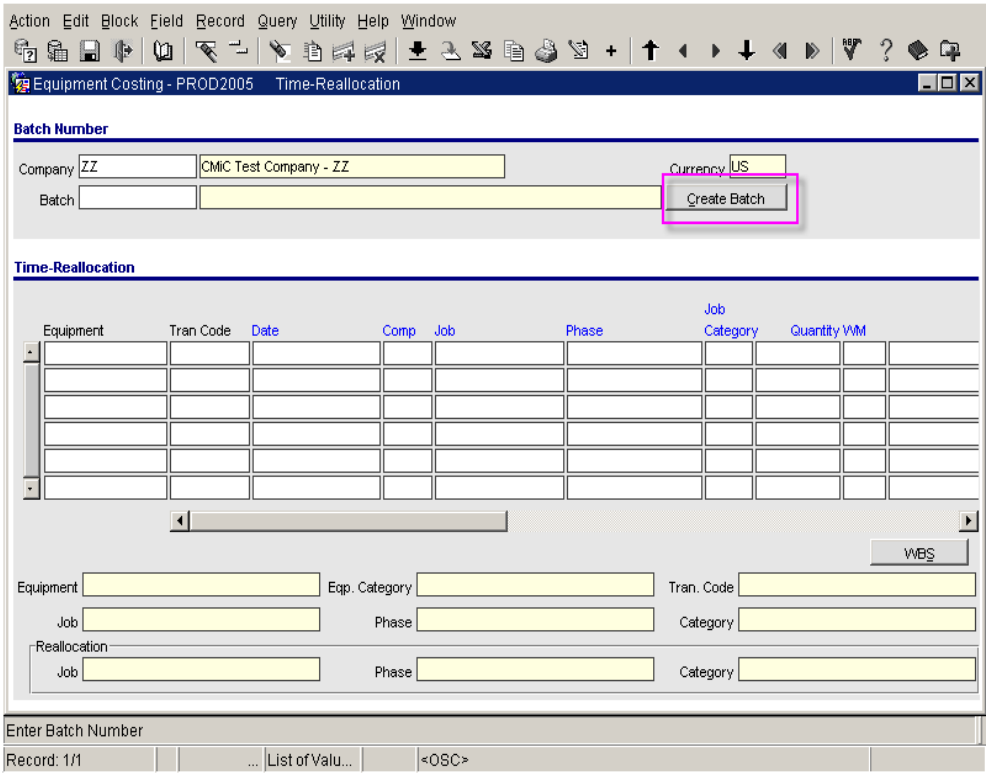


a) Creating the Reallocation Batch type

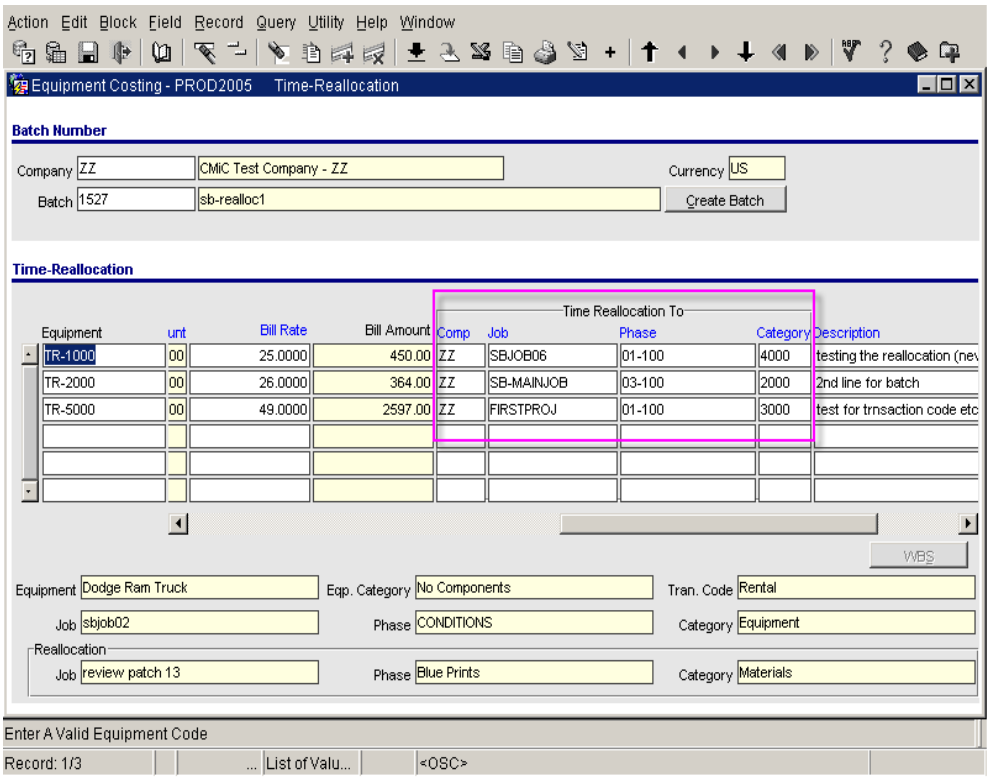
This can be done via the Batch Entry screen:



Or, within the new screen by using the **[Create Batch]** button:



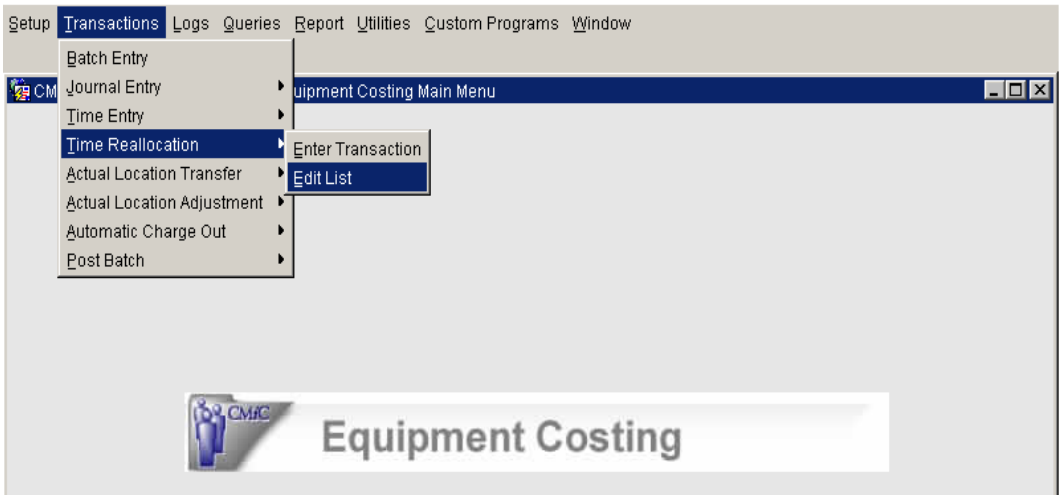
The new **Time Reallocation** screen is basically a copy of the Time Entry screen with the four fields highlighted in the print below added:

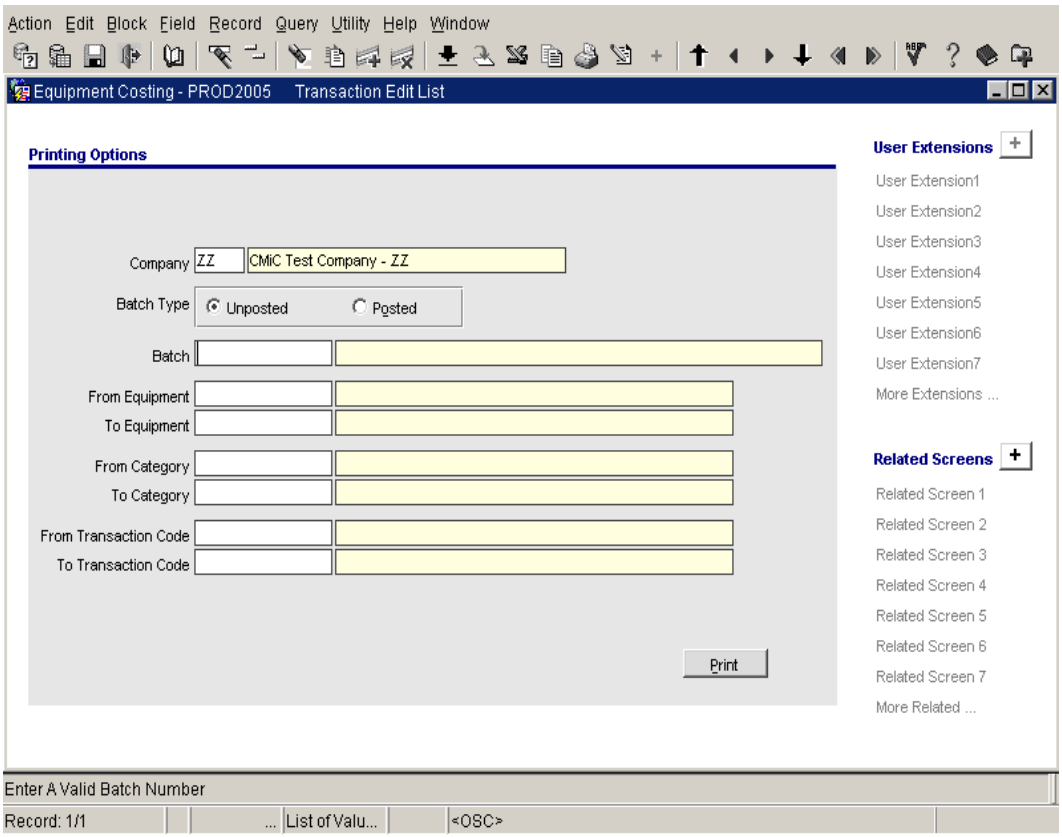


These new fields default from the actual location of the piece of equipment as per the date of the transaction being entered. The user can delete or change the values in these fields.

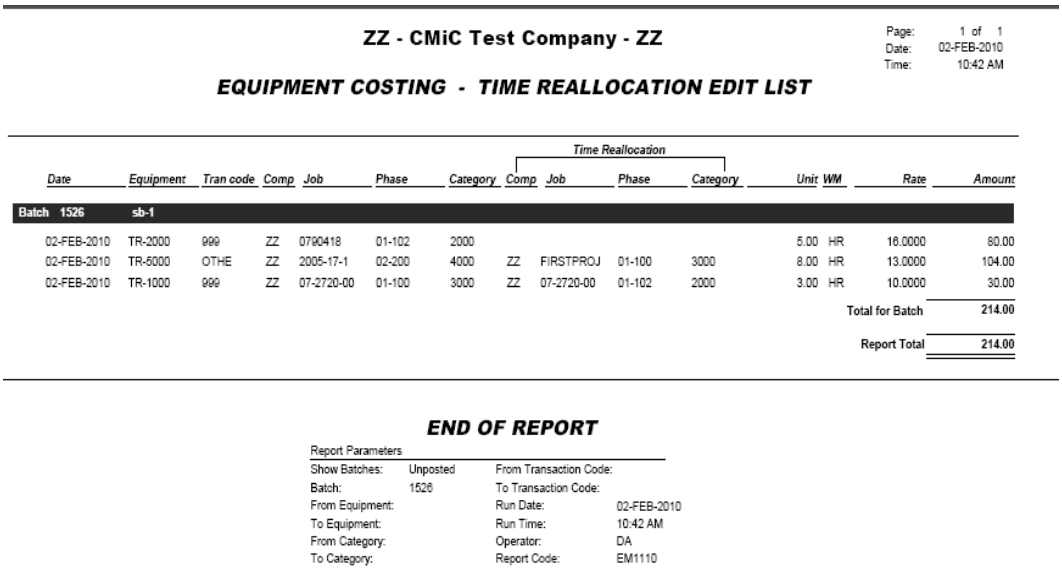
2. Time Reallocation Edit Listing

The Reallocation Edit Listing screen has been created to allow the user to print an edit list of the transactions before or after posting:





Enter/select the values for the report and click **[Print].**



ZZ - CMiC Test Company - ZZ

Page: 1 of 1
Date: 02-FEB-2010
Time: 10:42 AM

EQUIPMENT COSTING - TIME REALLOCATION EDIT LIST

							Time Reallocation							
Date	Equipment	Tran code	Comp	Job	Phase	Category	Comp	Job	Phase	Category	Unit	WM	Rate	Amount
Batch 1526 sb-1														
02-FEB-2010	TR-2000	999	ZZ	0790418	01-102	2000					5.00	HR	16.0000	80.00
02-FEB-2010	TR-5000	OTHE	ZZ	2005-17-1	02-200	4000	ZZ	FIRSTPROJ	01-100	3000	8.00	HR	13.0000	104.00
02-FEB-2010	TR-1000	999	ZZ	07-2720-00	01-100	3000	ZZ	07-2720-00	01-102	2000	3.00	HR	10.0000	30.00
													Total for Batch	214.00
													Report Total	214.00

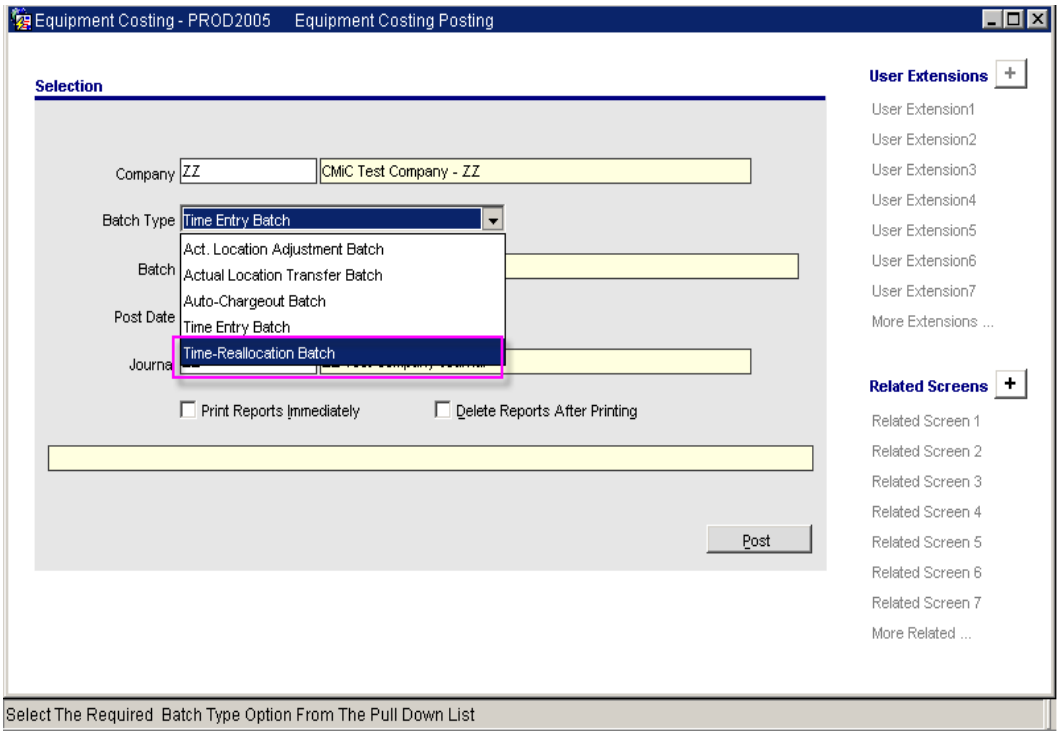
END OF REPORT

Report Parameters

Show Batches:	Unposted	From Transaction Code:	
Batch:	1526	To Transaction Code:	
From Equipment:		Run Date:	02-FEB-2010
To Equipment:		Run Time:	10:42 AM
From Category:		Operator:	DA
To Category:		Report Code:	EM1110

Posting the Reallocation Batch

Select batch type '**Time Reallocation Batch**' from the drop-down list and then the batch number.



The posting programs and routines have been modified to handle the Time Reallocation batch type. When the new fields are filled in, the posting procedure Credits the Company/Job/Phase/Category entered. If no value is in the fields, then the equipment timesheet will post as it currently does, crediting the home location department and account.

Sample Posting Reports:

ZZ - CMiC Test Company - ZZ

EQUIPMENT COSTING - POSTING REPORT

Page: 1 of 1
Date: 02-FEB-2010
Time: 10:43 AM

Category	Trans Code	Post Date	Ref Date	Src	Source Code	Ref Code	Unit	WM	Amount
Equipment TR-1000 Dodge Ram Truck									
ALL	999	02-FEB-2010	02-FEB-2010	EM	ZZ 07-2720-00	01-102	-3.00	HR	-30.00
ALL	999	02-FEB-2010	02-FEB-2010	EM	ZZ 07-2720-00	01-100	3.00	HR	30.00
						Total for Equipment	TR-1000		.00
Equipment TR-2000 Dodge Ram Truck									
ALL	999	02-FEB-2010	02-FEB-2010	EM	ZZ 0790418	01-102	5.00	HR	80.00
						Total for Equipment	TR-2000		80.00
Equipment TR-5000 Truck 5000 Series									
ALL	OTHE	02-FEB-2010	02-FEB-2010	EM	ZZ 2005-17-1	02-200	8.00	HR	104.00
ALL	OTHE	02-FEB-2010	02-FEB-2010	EM	ZZ FIRSTPROJ	01-100	-8.00	HR	-104.00
						Total for Equipment	TR-5000		.00
						Report Total			80.00

END OF REPORT

Report Parameters

Batch Number: 1526
Report Code: EM101
Job Number: 1063817
Run Date: 02-FEB-2010
Run Time: 10:43 AM
Operator: DA

ZZ - CMiC Test Company - ZZ

JOB COSTING - JC POSTING REPORT

Page: 1 of 1
Date: 02-FEB-2010
Time: 10:45 AM

Co	T	Dept	Account	Job	Phase	Cat	Source Code	Reference Code	Ref Date	Post Date	Batch	Src PO/SC	WM	Quantity	Amount
ZZ	C	00	5200.100	07-2720-00	01-100	3000	TR-1000	999	02-FEB-2010	02-FEB-2010	1526	EM	HR	3.00	30.00
ZZ	C	00	5200.100	07-2720-00	01-102	2000	TR-1000	999	02-FEB-2010	02-FEB-2010	1526	EM	HR	-3.00	-30.00
												Total for Job	07-2720-00		.00
ZZ	C	00	5200.100	0790418	01-102	2000	TR-2000	999	02-FEB-2010	02-FEB-2010	1526	EM	HR	5.00	80.00
												Total for Job	0790418		80.00
ZZ	C	00	5200.100	2005-17-1	02-200	4000	TR-5000	OTHE	02-FEB-2010	02-FEB-2010	1526	EM	HR	8.00	104.00
												Total for Job	2005-17-1		104.00
ZZ	C	CM	5200.100	FIRSTPROJ	01-100	3000	TR-5000	OTHE	02-FEB-2010	02-FEB-2010	1526	EM	HR	-8.00	-104.00
												Total for Job	FIRSTPROJ		-104.00
												Total for Company	ZZ		80.00
												Total for Currency	US		80.00

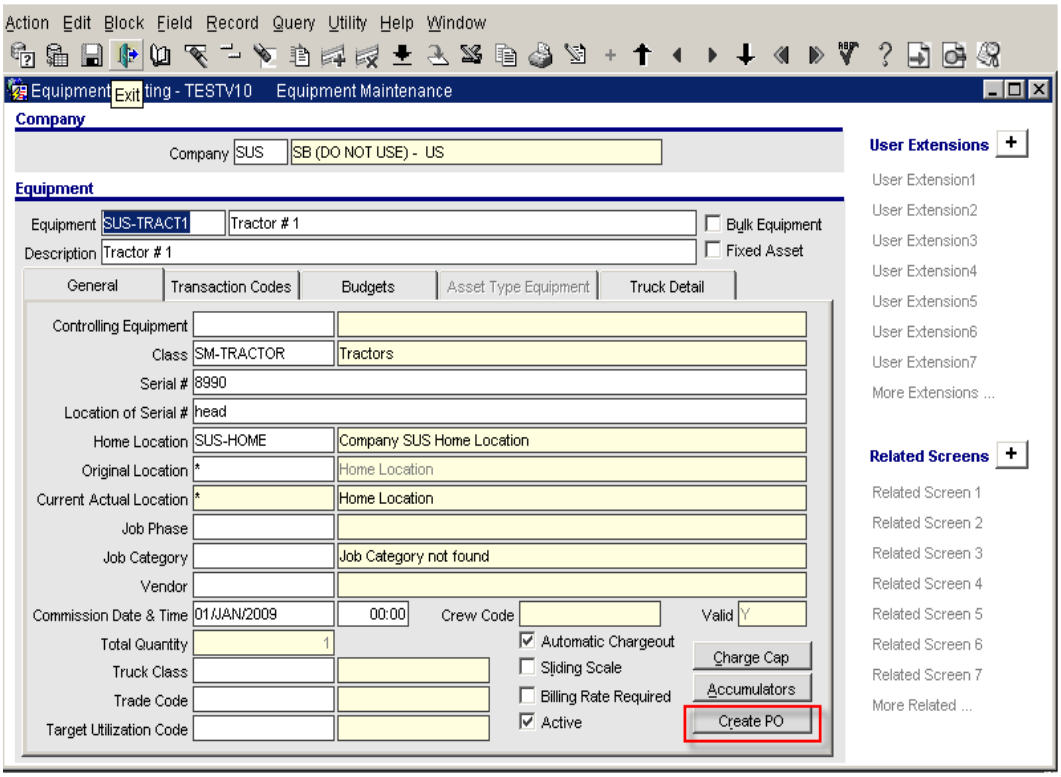
END OF REPORT

Report Parameters

Batch Number:	1526	Run Date:	02-FEB-2010
Report Code:	JC705	Run Time:	10:45 AM
Posted with Overheads:	Y	Operator:	DA

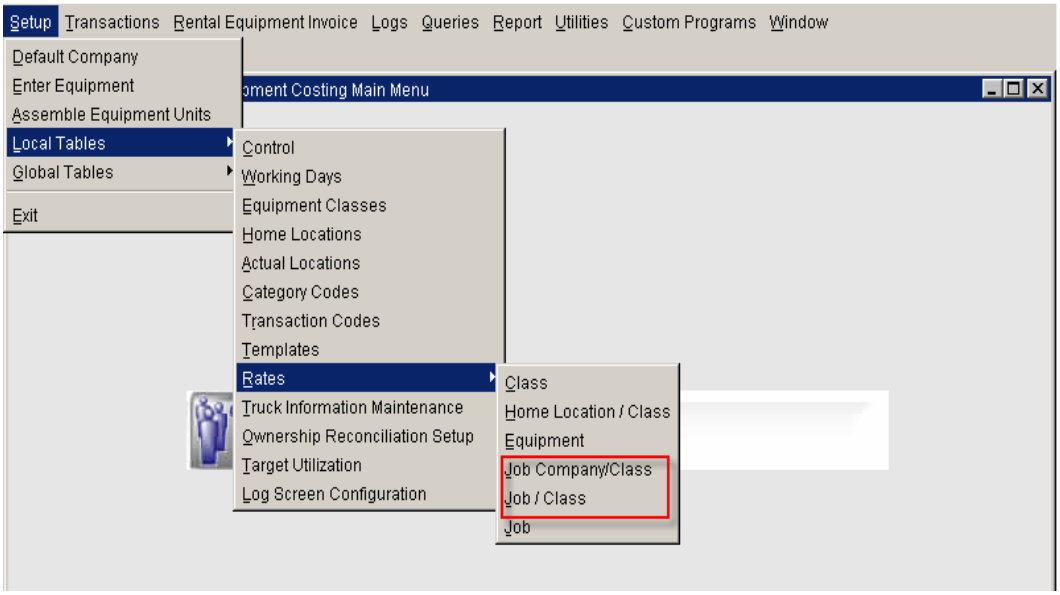
Launching Purchase Order Entry from Equipment Maintenance

(10.53339)



Added a **[Create PO]** button to the General tab of the Equipment Maintenance screen. This button allows the Purchase Order Entry screen to be launched from the Equipment Maintenance screen, using the equipment home company to default as the purchase order company.

Company/Job Specific Class Rates for Equipment (10.52953)



Summary of changes

1. Added the two menu items to the Equipment Rates menu:
   - Job Company/Class
   - Job/Class

   Example of which form to use for which scenario:

Class	Job Co.	Job	Form to use
CL1	*	*	Class (already exist) – rates by class across all companies and all jobs
CL1	10	*	Class/Company (new form) – rates by class for specific company and all jobs in that company
CL1	10	10101	Class/Job (new form) – rates by class for a specific company and job

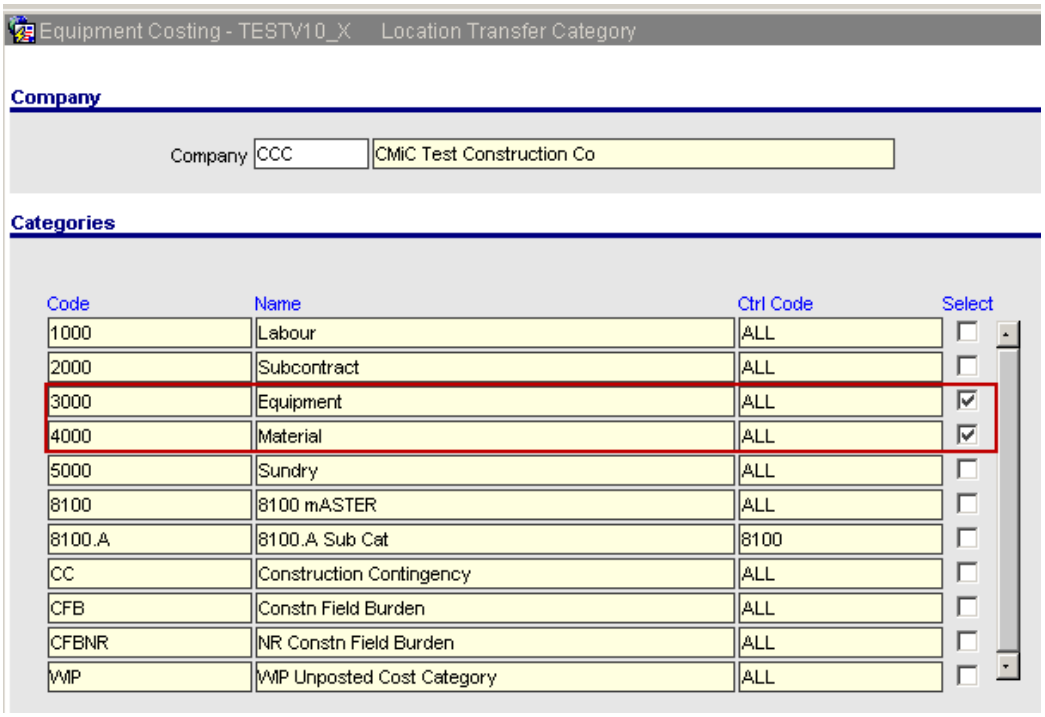
   Also modified the [Override Allocation] popup to include the Job Company:

2. The **[View Rates]** screen has also been modified to show the rates according to the level that they are being picked up from.

Job Category Restriction in Location Transfer Forms (12.71959)

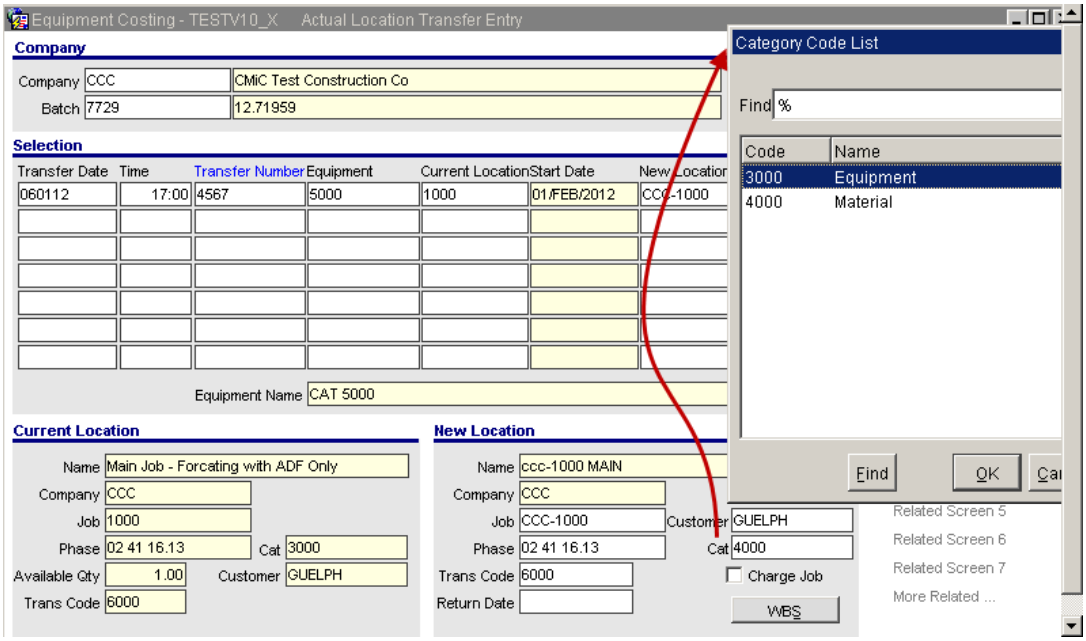
CMIC added a new screen under the Transactions à Actual Location Transfer menu. The new screen is called "Location Transfer Category" and displays all the categories setup in job costing application under the specific header company. This screen will facilitate users with selecting the categories to limit for equipment transfers only.

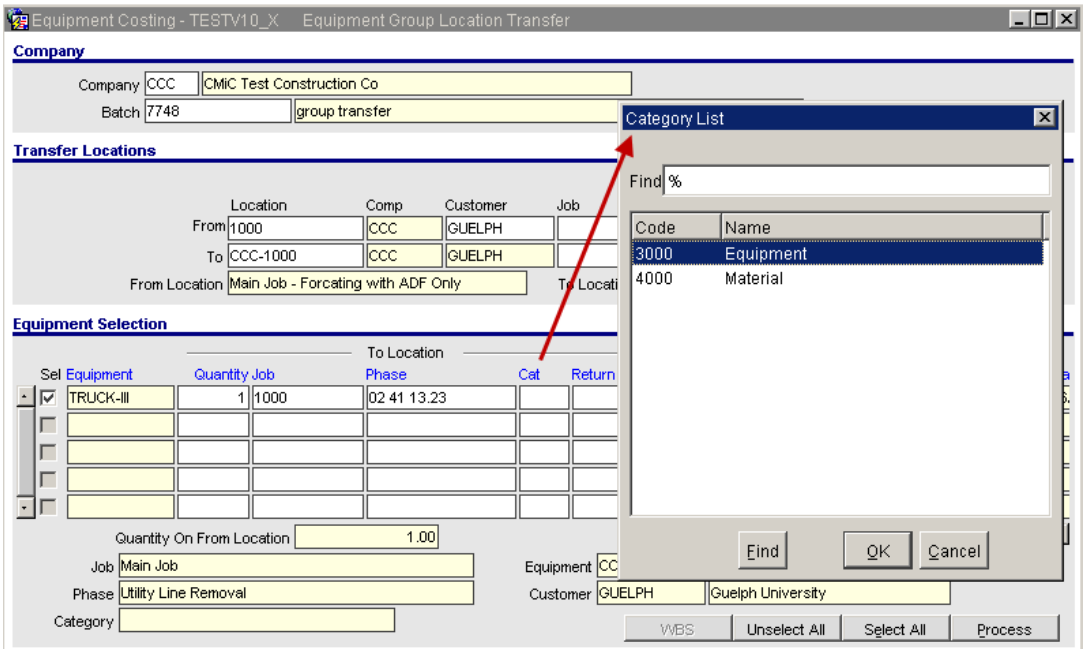




The "Actual" and "Group" location transfer screens are modified to restrict the phase LOV when restricted categories are setup on a Phase. Also the categories LOV is modified to only display the ones selected in the ‘Location Transfer category’ screen.

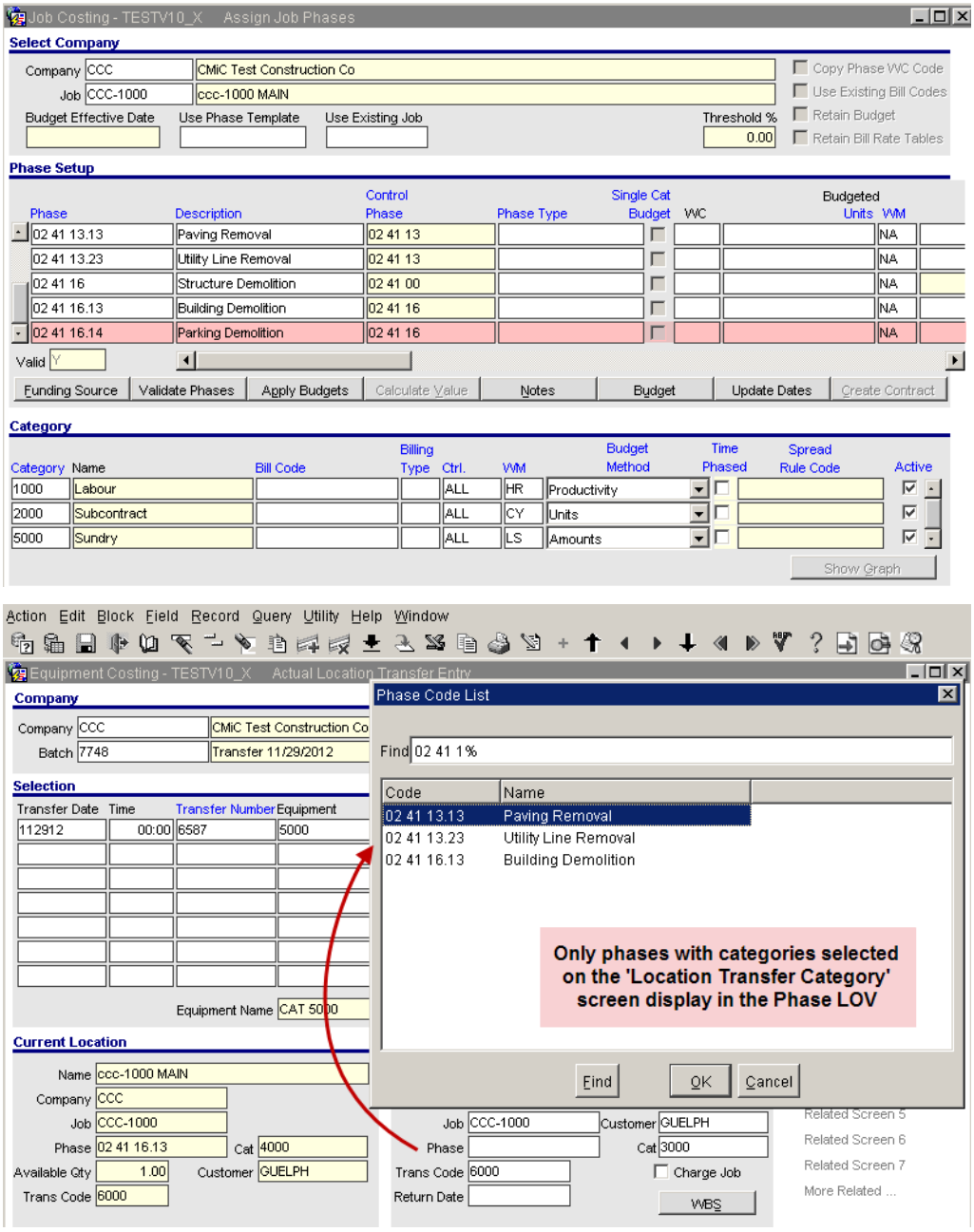
Category LOV





Phase LOV

Phase 02 41 16.14 does not have categories 3000 and 4000, therefore it will not show on the LOV for phase.



NOTE: The Category Restriction is a Company Level Setup. When Categories are selected under a company, the restriction applies to the jobs under this company during location transfer / group location transfer entry. The transfers screens allow the entry of locations of other companies and hence jobs that belong to the location company. Users must repeat the set up of restricted categories under each company as required.

Equipment Location Transfer - Future date validations (13.81540)

The Actual Location Transfer /Group Location Transfer forms currently validate for the transfer date and warn the users that the date is in the future. However, there is no hard stop and users are free to enter the required date of transfer.

There is a possibility that, users may make mistakes in the entry and the year of transfer may be in the far future due to typographic errors. This may result in the inability of the equipment being moved to another location or charging jobs. This is addressed with the following modifications.

Modifications:

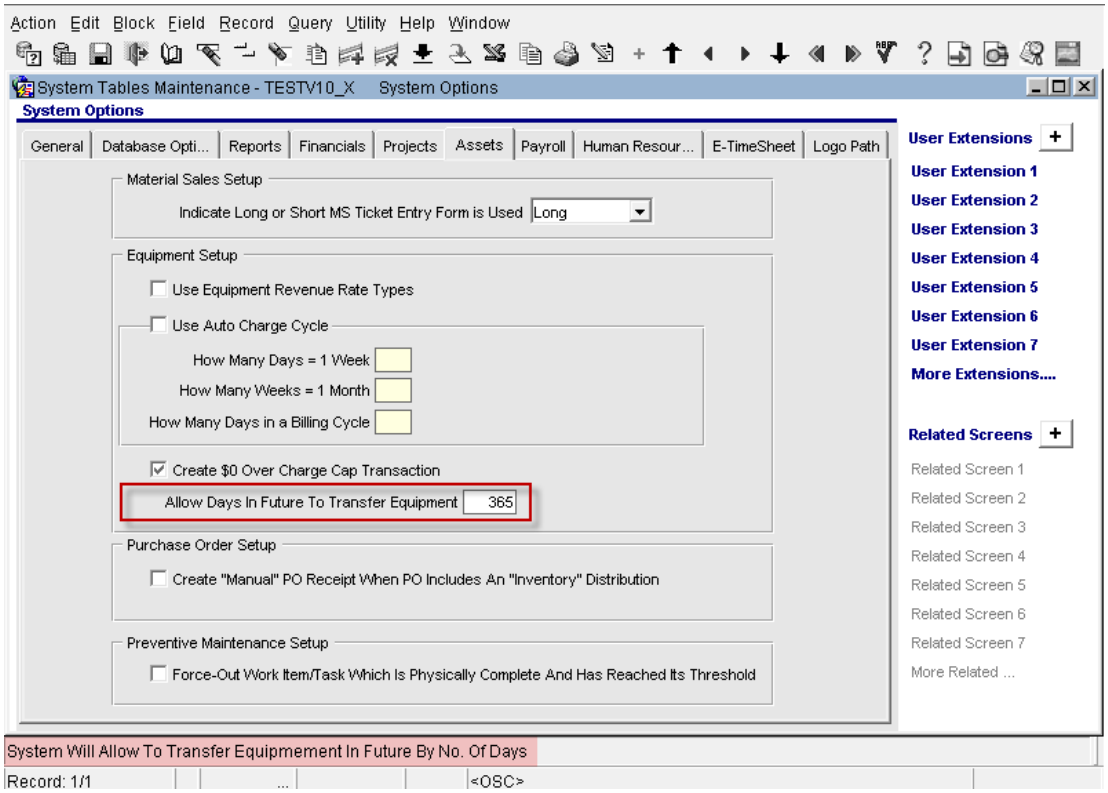
The implementation:

1. Provide a System Options field to set the maximum allowable number days that may be entered as a future transfer date for any equipment within CMiC system.

2. Modify the Actual Location & Group Location transfer Entry screens to validate for the transfer date against this value set in system options.

3.Keep the existing warning message for 'Transfer Date in the Future'.

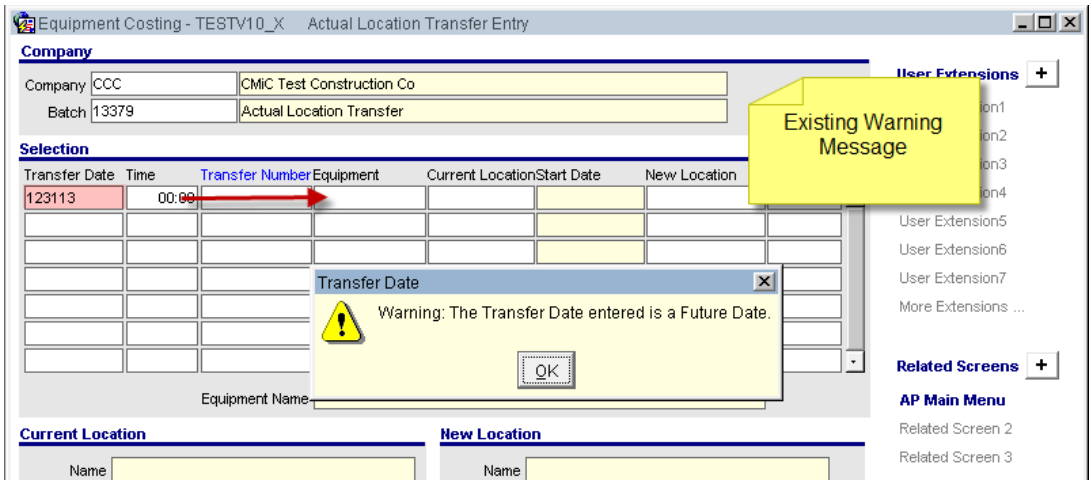
4.Prevent the entry of transfer date in the future, if exceeding the limit with a hard stop.

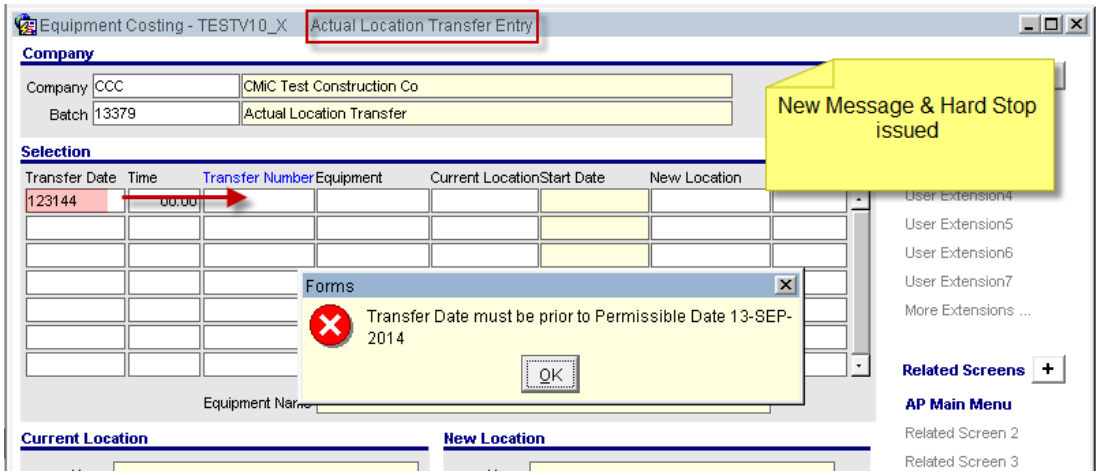


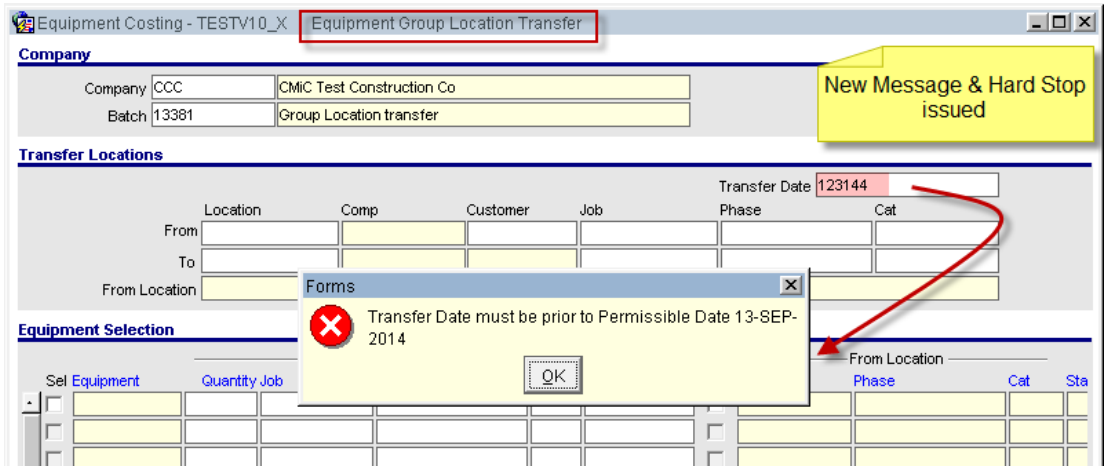
The System Options > Assets tab is modified with an addition of a field 'Allow Days In Future To Transfer Equipment' for defining the number of days.

The default value is 365 and may be overridden by users. This is a 'Not Null' field, and hence, users have to enter a valid positive integer in this field.

The following screens show the validations when a future date is entered in Actual Location Transfer Entry and Group Location Transfer Entry Forms.







NOTE: All existing databases are updated with a value of '365' in the system options database column , which may be overridden by users as required.

Equipment Job/Class Rate 'Copy' button(13.79142)

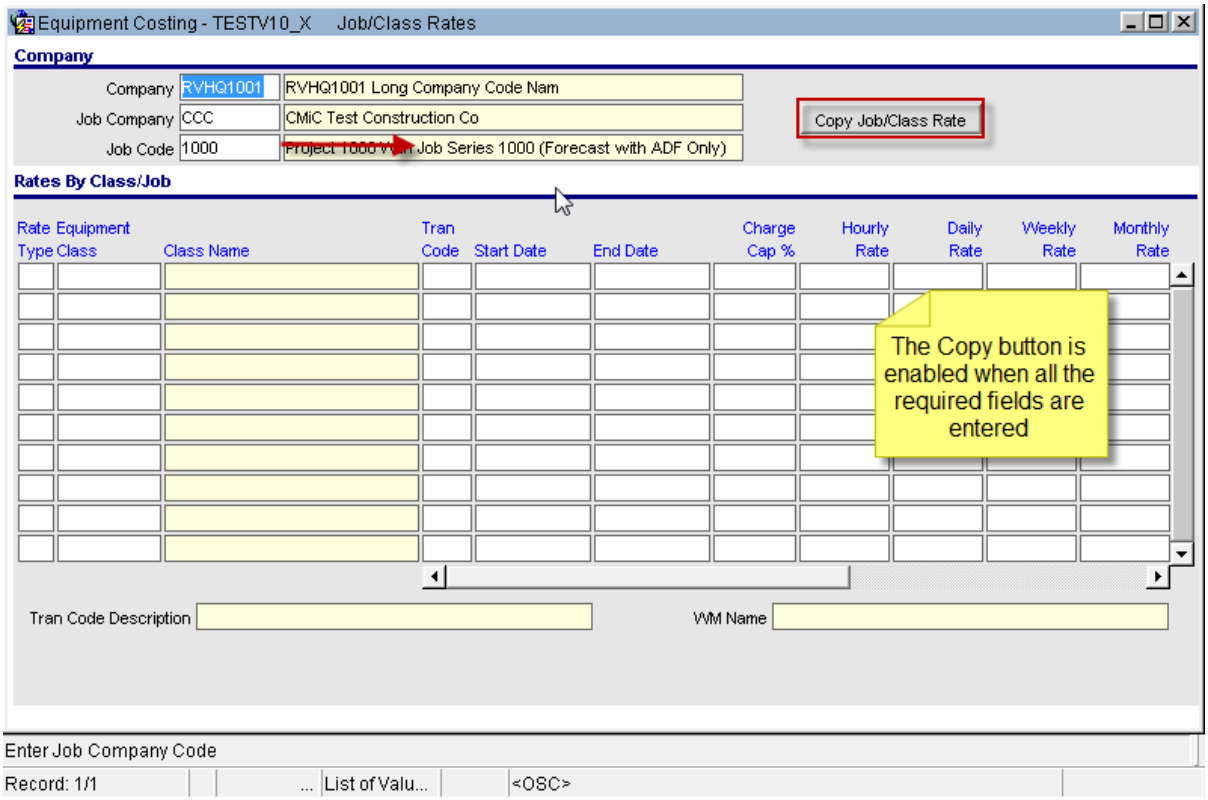
To provide 'Copy' button in Job/Class Rates Screen *(Non-Revenue Rate Type Only)*

Modifications:

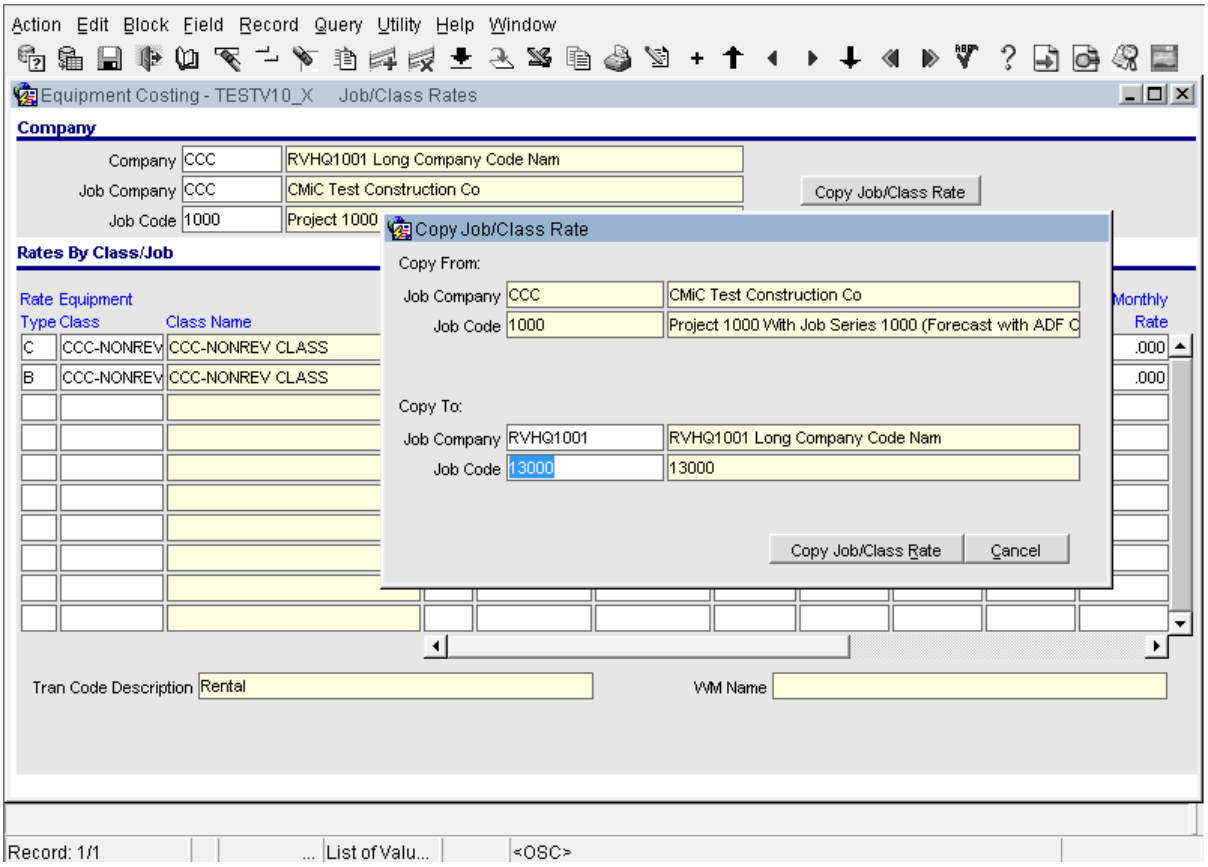
The Job/Class Rate screen 'emclassjobrate.fmx' is modified as follows:

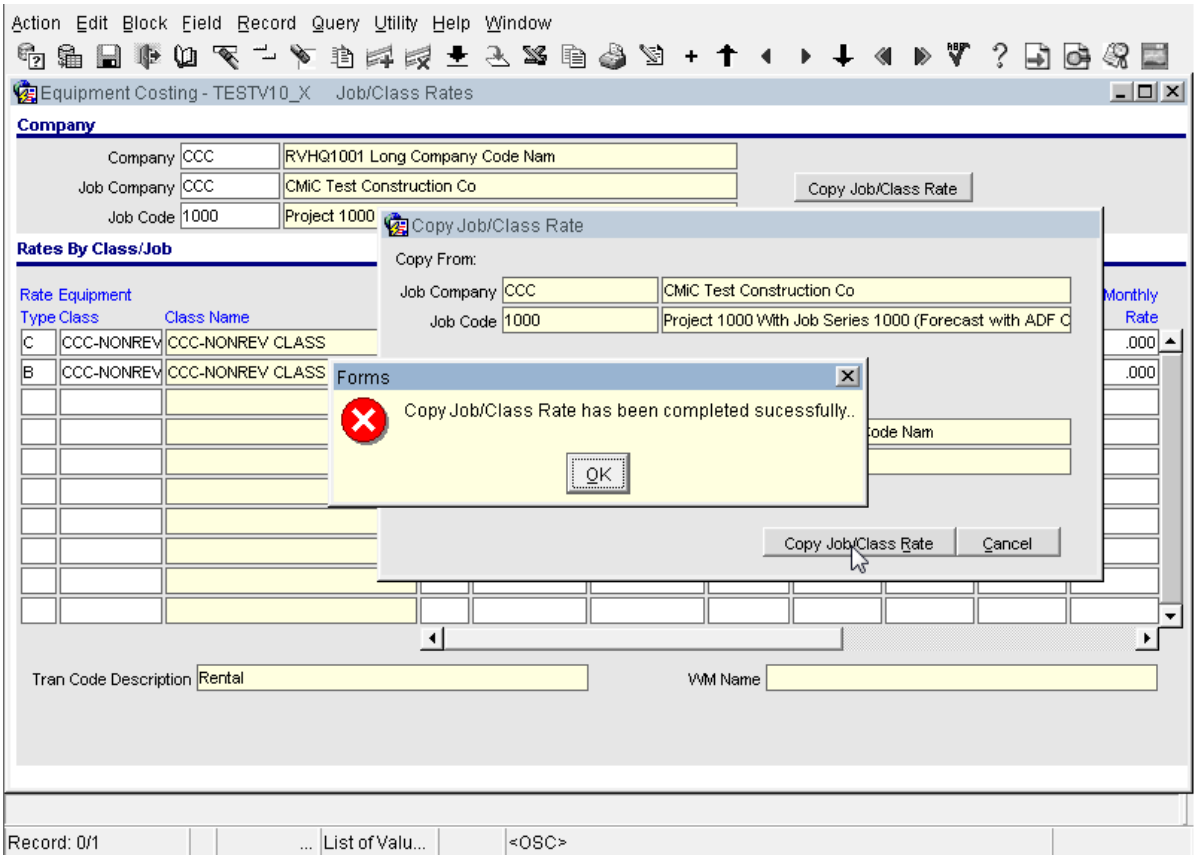
1. Added "Copy Job/Class Rate" Button in the header block. This button is enabled when all three fields in the header block; Company, Job Company and Job Code are populated.

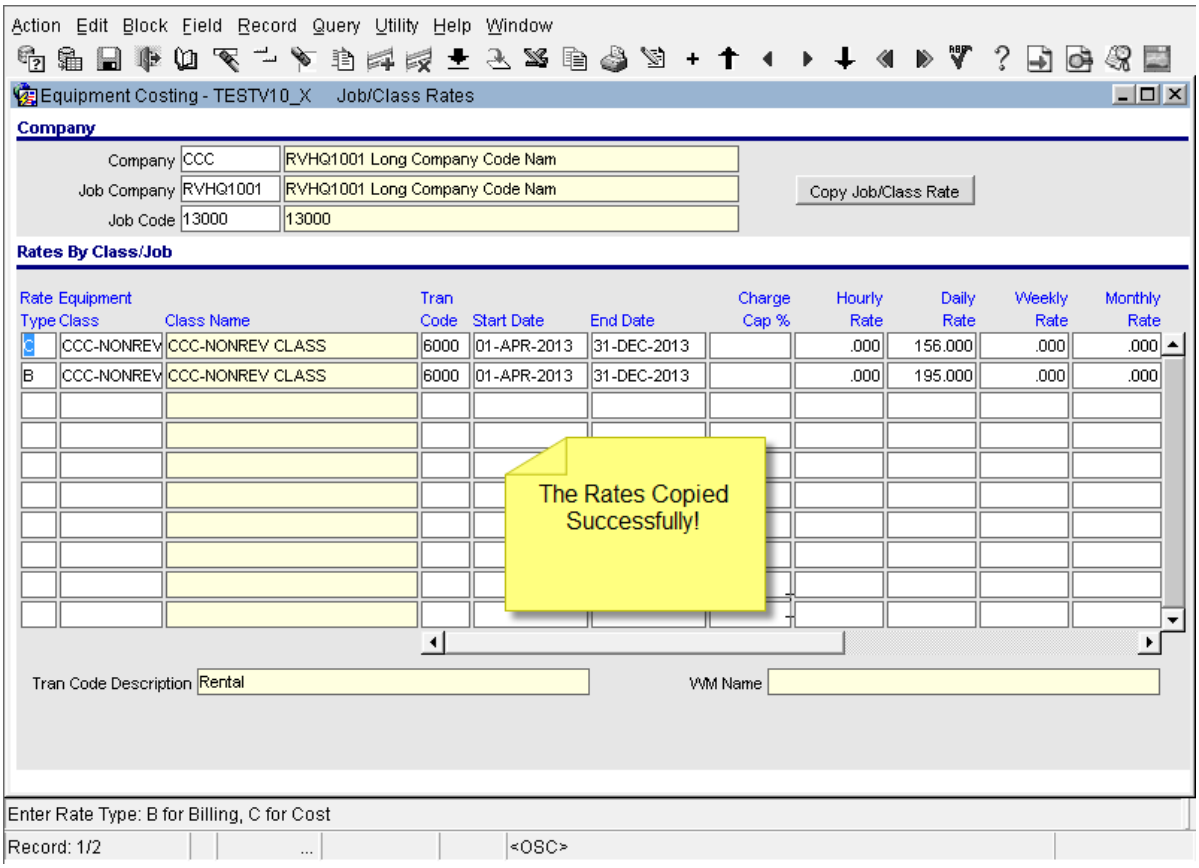
2. Copy all the Job/Class Rate records 'From' Job Company / Job Code to another 'To' Job Company/Job Code. If there are already rates setup in the 'To' Company/Job, the records will be added to the existing set of records.



emclassjobrate.fmx


Action Edit Block Field Record Query Utility Help Window
Equipment Costing - TESTV10_X Job/Class Rates
Company
Company CCC RVHQ1001 Long Company Code Nam
Job Company CCC CMiC Test Construction Co
Job Code 1000 Project 1000
Copy Job/Class Rate
Rates By Class/Job
Rate Type
Equipment Class
Class Name
Monthly Rate
C CCC-NONREV CCC-NONREV CLASS .000
B CCC-NONREV CCC-NONREV CLASS .000
Copy Job/Class Rate
Copy From:
Job Company CCC CMiC Test Construction Co
Job Code 1000 Project 1000 With Job Series 1000 (Forecast with ADF C
Copy To:
Job Company RVHQ1001 RVHQ1001 Long Company Code Nam
Job Code 13000 13000
Copy Job/Class Rate
Cancel
Tran Code Description Rental
WM Name
Record: 1/1
List of Valu...
<OSC>


Action Edit Block Field Record Query Utility Help Window
Equipment Costing - TESTV10_X Job/Class Rates
Company
Company CCC RVHQ1001 Long Company Code Nam
Job Company CCC CMiC Test Construction Co
Job Code 1000 Project 1000
Copy Job/Class Rate
Rates By Class/Job
Rate Type
Equipment Class
Class Name
Monthly Rate
C CCC-NONREV CCC-NONREV CLASS .000
B CCC-NONREV CCC-NONREV CLASS .000
Copy Job/Class Rate
Copy From:
Job Company CCC CMiC Test Construction Co
Job Code 1000 Project 1000 With Job Series 1000 (Forecast with ADF C
Forms
Copy Job/Class Rate has been completed sucessfully..
OK
Copy Job/Class Rate
Cancel
Tran Code Description Rental
WM Name
Record: 0/1
List of Valu...
<OSC>



Auto Charge-Out functionality enhancements (13.77914)

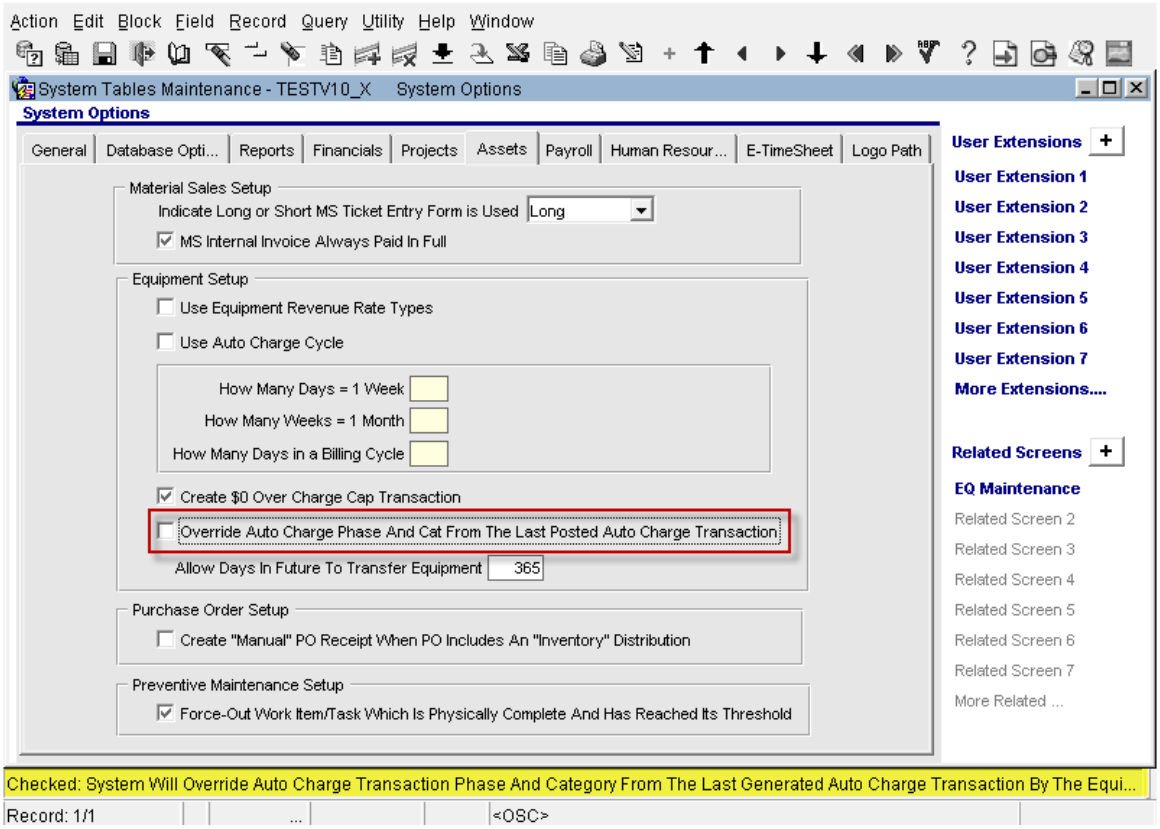
The 'Auto charge-out' program is modified to create transactions for a job/phase/category, based on the last posted auto charge out transactions for the same equipment/job combination if exists, otherwise the (existing functionality) job/phase/category from the location history will be used.

Current Functionality:

When creating auto charge transactions, the current functionality allows users to update the phase or Category code for the job using the auto charge-out review program. However, users must override the same phase or category every time during auto charge generation, since the default functionality picks up the phase and Category from the actual location transaction history table.

Modified Functionality:

The 'System Options' form > Assets tab is modified with a flag 'Override auto charge phase and cat from the last posted auto charge transaction'. The default value is 'un-checked'.

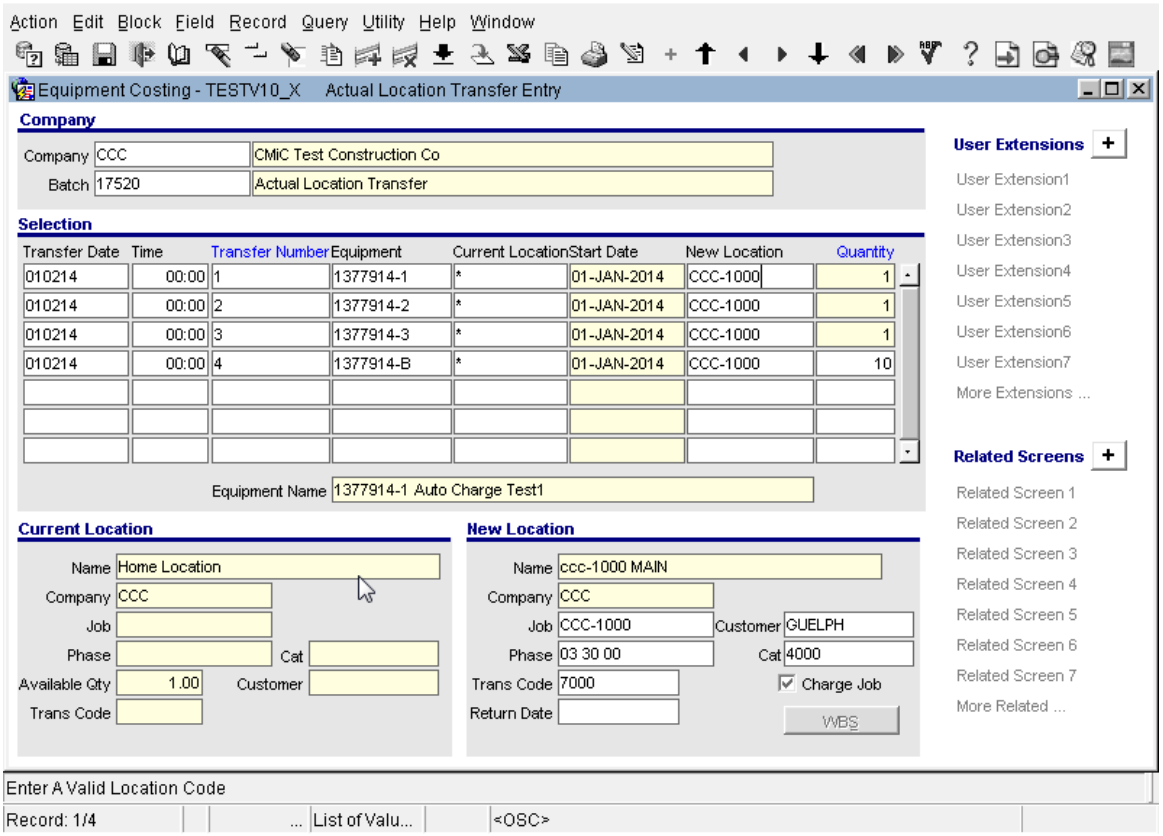


System Options > Assets > 'SYS_EM_AC_PHS_CAT_PICK_LAST' check box

When checked, during auto charge-out creation, the program will use the phase and category from the last posted transactions of the equipment for the same job, if exists.

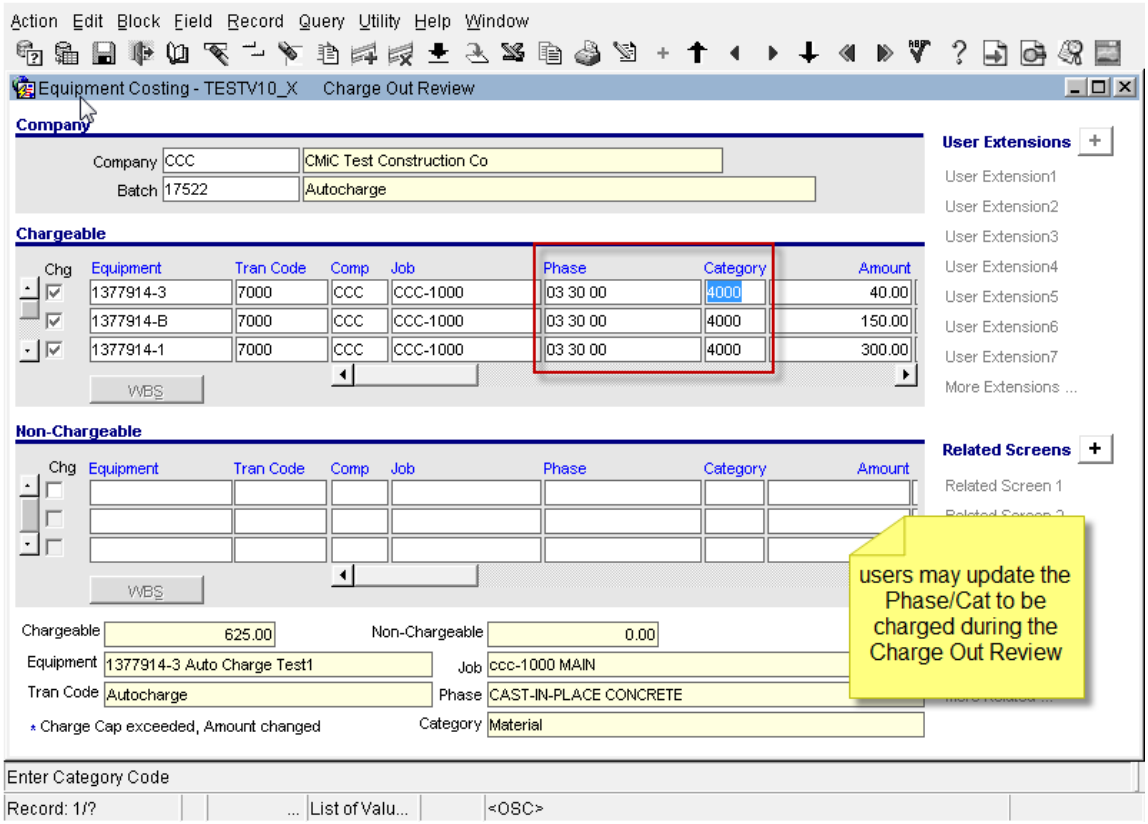
When there are no last posted auto charge-out transactions for the same equipment/job combination, then the existing functionality applies, where the phase/category from the equipment location history table posted during actual location transfer is used to generate auto charge-out transactions..

The following example illustrates the new functionality, when the system options flag is checked.



EC>Actual Location Transfer Entry

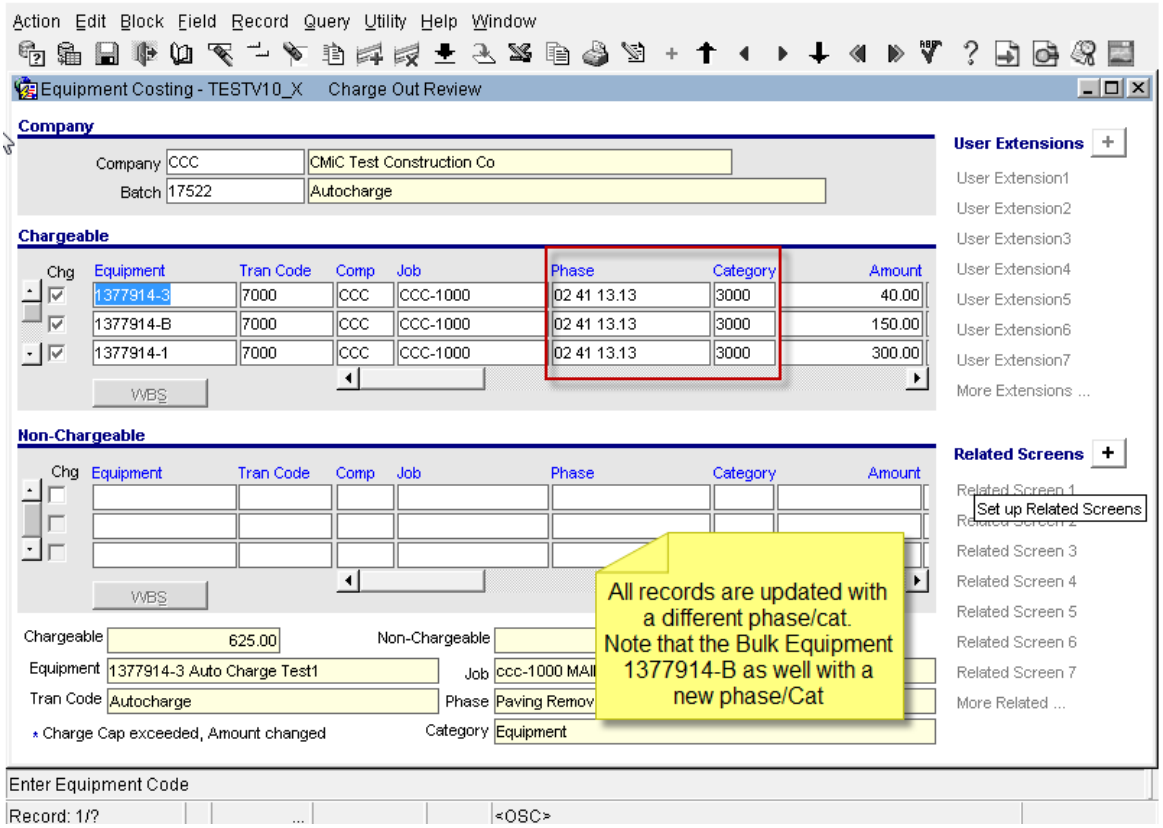
The listed Equipment are transferred to a new location with a job/phase/category combination.



EC> Auto Charge-Out Review program

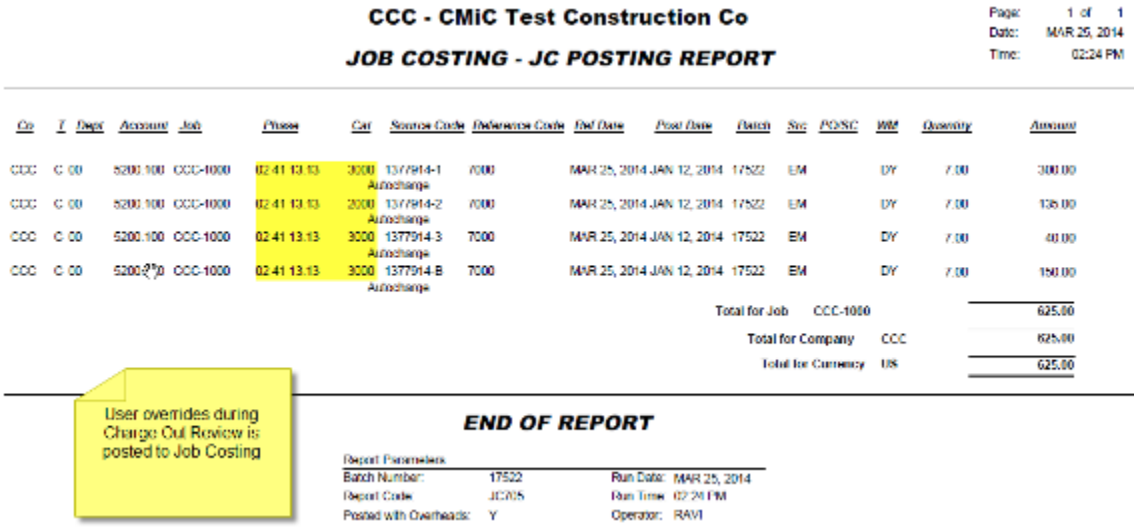
The auto charge-out program generates the transactions using the job/phase/category from the equipment location history table.

Assuming there are no previously posted auto charge-out transactions for the same equipment/job combination, the system by default picked up the phase/category from the equipment location history table.



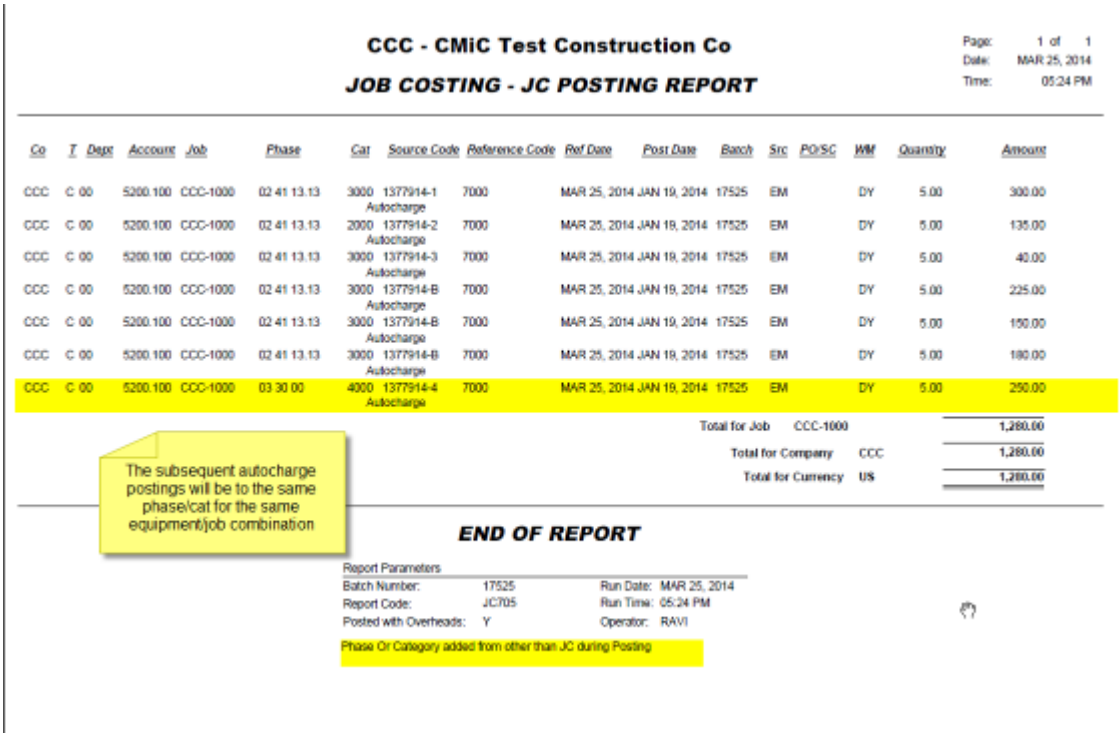
EC> Auto Charge-Out Review program

As auto charge-out review program allows users to override the phase/category values for the same job, the above example shows that the phase/category for all transaction records are updated with a different combination than the default values.



Once the auto charge-out batch is posted, the posted transactions will provide the phase/category combination when the next charge-out is generated by the users, as long as the equipment are NOT transferred to a different location.

The following posting report shows the subsequent auto charge-out posting for the listed equipment.



CCC - CMiC Test Construction Co

JOB COSTING - JC POSTING REPORT

Page: 1 of 1
Date: MAR 25, 2014
Time: 05:24 PM

Co	T	Dept	Account	Job	Phase	Cat	Source Code	Reference Code	Ref Date	Post Date	Batch	Src	PO/SC	WM	Quantity	Amount
CCC	C	00	5200.100	CCC-1000	02 41 13.13	3000	1377914-1 Autocharge	7000	MAR 25, 2014	JAN 19, 2014	17525	EM		DY	5.00	300.00
CCC	C	00	5200.100	CCC-1000	02 41 13.13	2000	1377914-2 Autocharge	7000	MAR 25, 2014	JAN 19, 2014	17525	EM		DY	5.00	135.00
CCC	C	00	5200.100	CCC-1000	02 41 13.13	3000	1377914-3 Autocharge	7000	MAR 25, 2014	JAN 19, 2014	17525	EM		DY	5.00	40.00
CCC	C	00	5200.100	CCC-1000	02 41 13.13	3000	1377914-B Autocharge	7000	MAR 25, 2014	JAN 19, 2014	17525	EM		DY	5.00	225.00
CCC	C	00	5200.100	CCC-1000	02 41 13.13	3000	1377914-B Autocharge	7000	MAR 25, 2014	JAN 19, 2014	17525	EM		DY	5.00	150.00
CCC	C	00	5200.100	CCC-1000	02 41 13.13	3000	1377914-B Autocharge	7000	MAR 25, 2014	JAN 19, 2014	17525	EM		DY	5.00	180.00
CCC	C	00	5200.100	CCC-1000	03 30 00	4000	1377914-4 Autocharge	7000	MAR 25, 2014	JAN 19, 2014	17525	EM		DY	5.00	250.00

Total for Job CCC-1000 1,280.00
Total for Company CCC 1,280.00
Total for Currency US 1,280.00

The subsequent autocharge postings will be to the same phase/cat for the same equipment/job combination

END OF REPORT

Report Parameters
Batch Number: 17525 Run Date: MAR 25, 2014
Report Code: JC705 Run Time: 05:24 PM
Posted with Overheads: Y Operator: RAVI

Phase Or Category added from other than JC during Posting

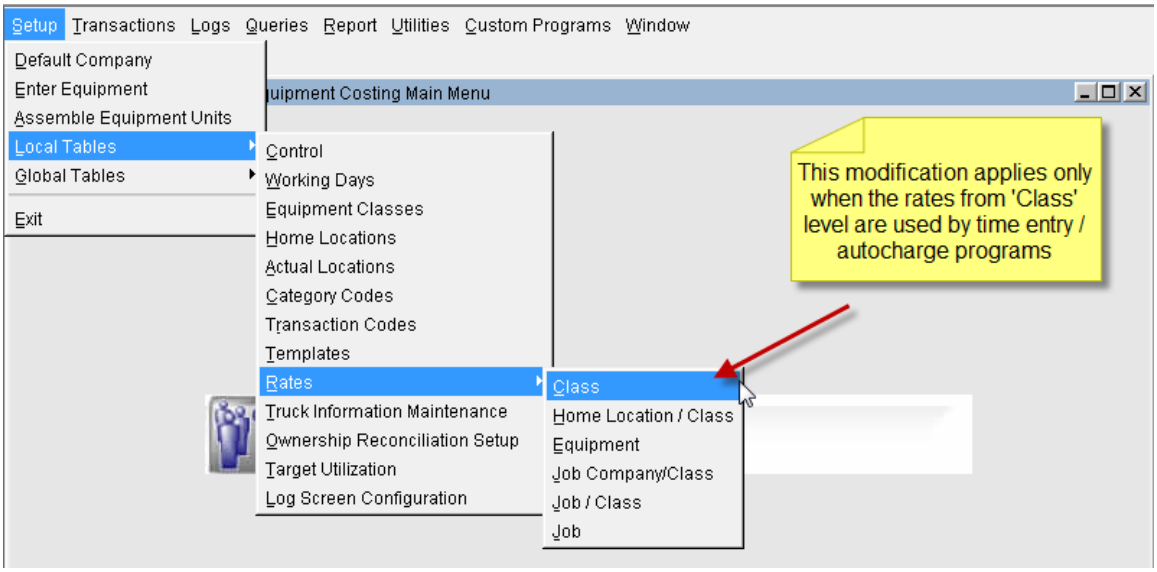
The above report shows that there are three records of auto charge-out for equipment 1377914-B. This is because the bulk equipment quantity was transferred to the job and not necessarily to the same phase/category combination. Since the system found a record of last posted auto charge-out for the equipment, all three records will be posted to the same phase/category combination.

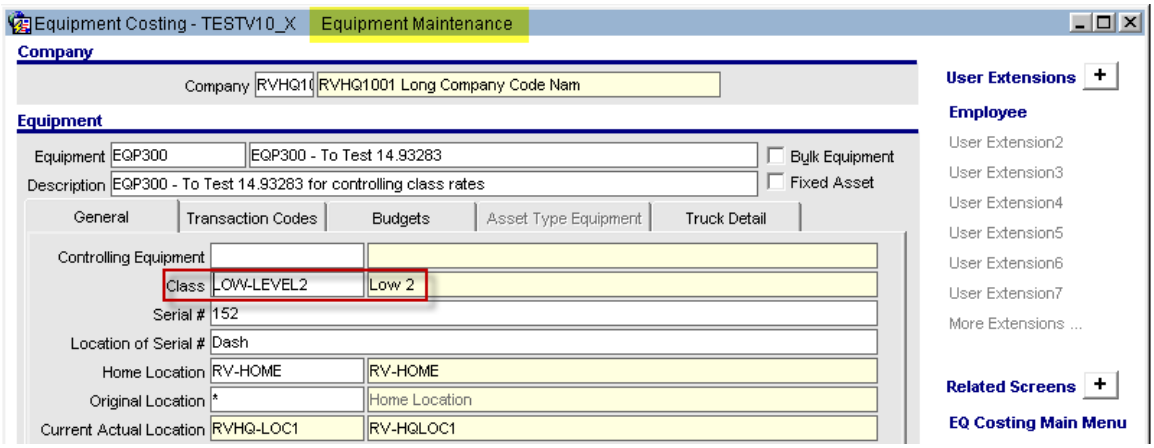
NOTE: This functionality applies to '28 Day Auto Charge-Out Cycle' feature as well.

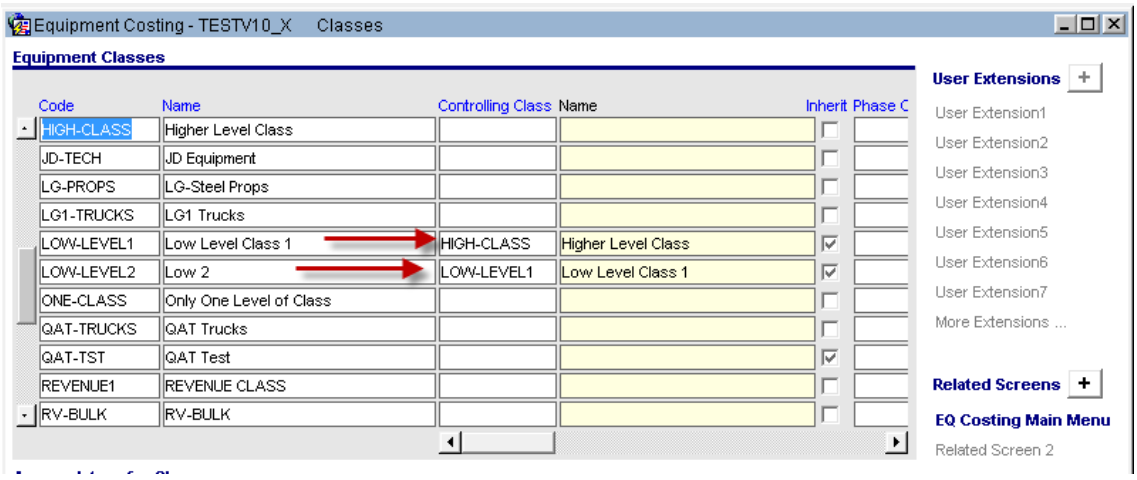
'Controlling Class' rates now considered for time entry/auto-charge calculations (14.93283)

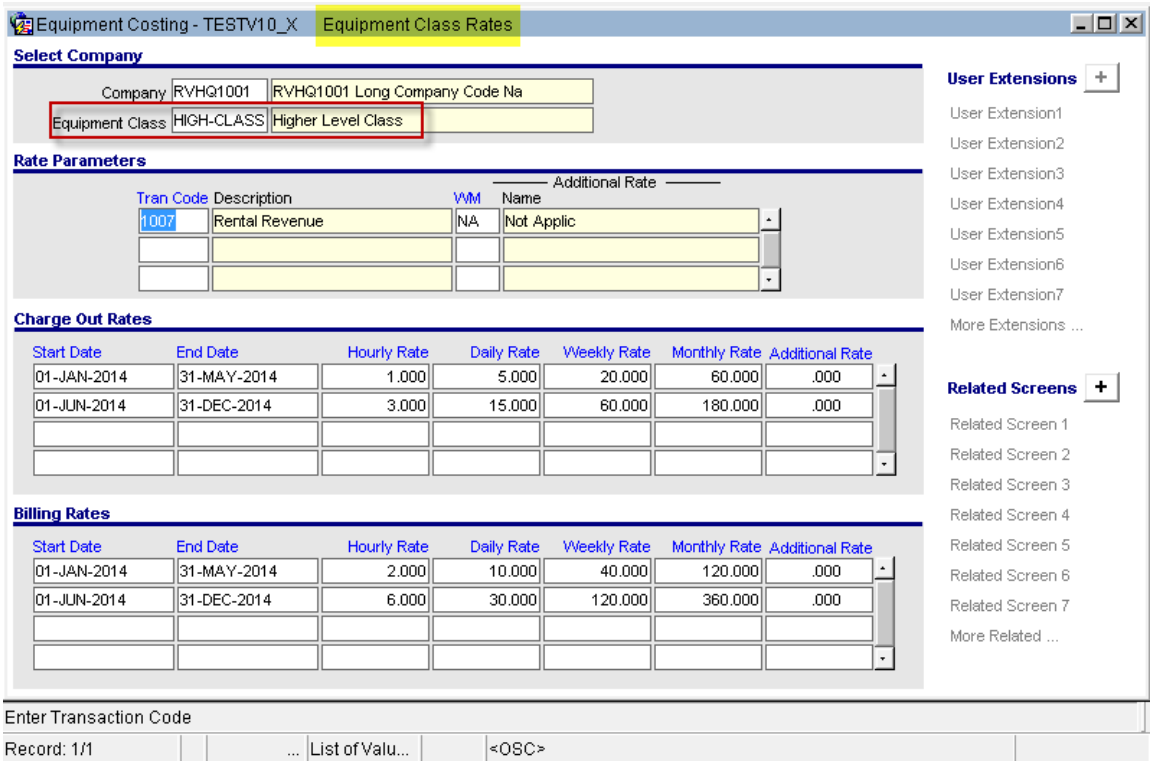
When an equipment is set to use 'Class' level rates, but the equipment class itself does NOT have the rates setup, then the programming packages henceforth, will inherit charge/billing rates from controlling class levels when available.

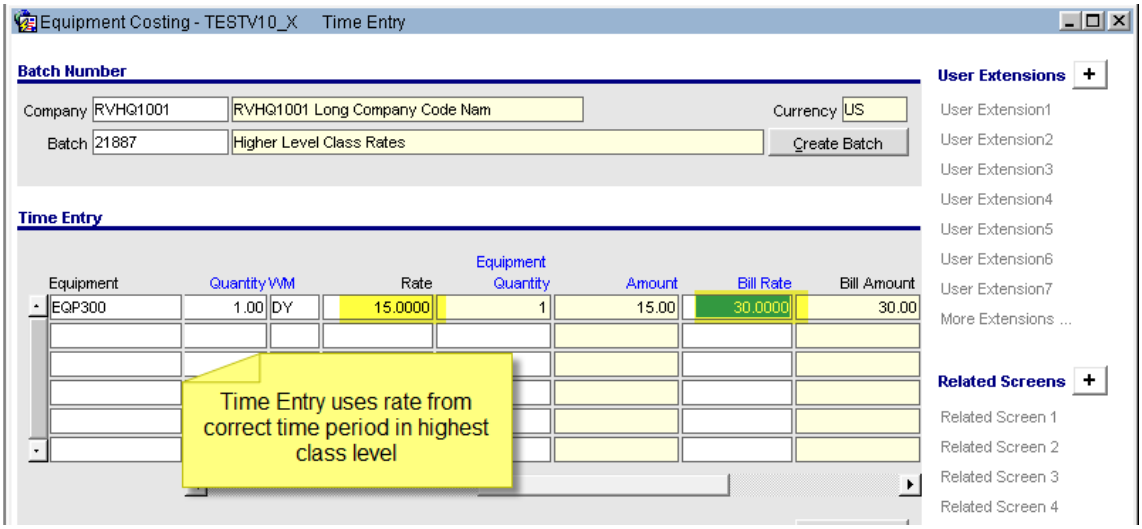
The following screens illustrate how the rates set up at controlling class level is being used in various programs.

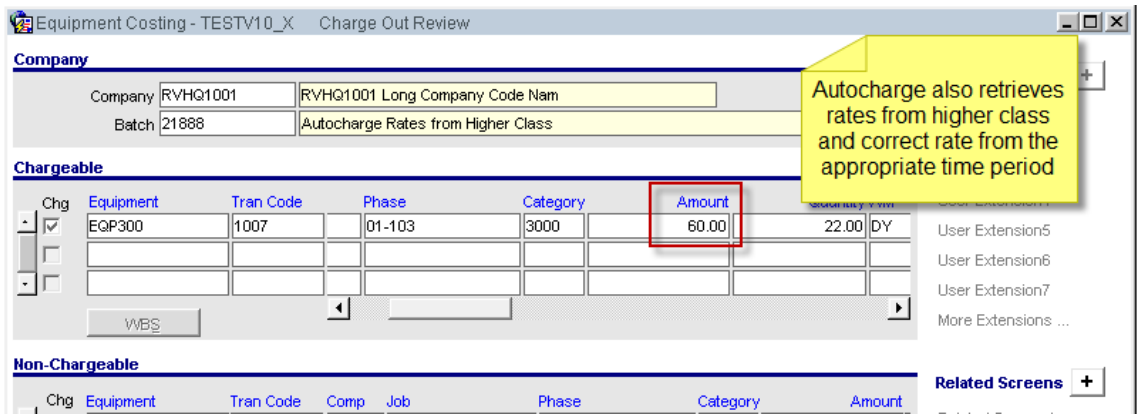

Setup Transactions Logs Queries Report Utilities Custom Programs Window
Default Company
Enter Equipment
Assemble Equipment Units
Local Tables
Global Tables
Exit
uipment Costing Main Menu
Control
Working Days
Equipment Classes
Home Locations
Actual Locations
Category Codes
Transaction Codes
Templates
Rates
Truck Information Maintenance
Ownership Reconciliation Setup
Target Utilization
Log Screen Configuration
Class
Home Location / Class
Equipment
Job Company/Class
Job / Class
Job
This modification applies only when the rates from 'Class' level are used by time entry / autocharge programs


Equipment Costing - TESTV10_X
Equipment Maintenance
Company
Company RVHQ10 RVHQ1001 Long Company Code Nam
Equipment
Equipment EQP300 EQP300 - To Test 14.93283
Bulk Equipment
Description EQP300 - To Test 14.93283 for controlling class rates
Fixed Asset
General
Transaction Codes
Budgets
Asset Type Equipment
Truck Detail
Controlling Equipment
Class LOW-LEVEL2 Low 2
Serial # 152
Location of Serial # Dash
Home Location RV-HOME RV-HOME
Original Location * Home Location
Current Actual Location RVHQ-LOC1 RV-HQLOC1
User Extensions
Employee
User Extension2
User Extension3
User Extension4
User Extension5
User Extension6
User Extension7
More Extensions ...
Related Screens
EQ Costing Main Menu


Equipment Costing - TESTV10_X
Classes
Equipment Classes
Code
Name
Controlling Class
Name
Inherit
Phase C
HIGH-CLASS Higher Level Class
JD-TECH JD Equipment
LG-PROPS LG-Steel Props
LG1-TRUCKS LG1 Trucks
LOW-LEVEL1 Low Level Class 1 HIGH-CLASS Higher Level Class
LOW-LEVEL2 Low 2 LOW-LEVEL1 Low Level Class 1
ONE-CLASS Only One Level of Class
QAT-TRUCKS QAT Trucks
QAT-TST QAT Test
REVENUE1 REVENUE CLASS
RV-BULK RV-BULK
User Extensions
User Extension1
User Extension2
User Extension3
User Extension4
User Extension5
User Extension6
User Extension7
More Extensions ...
Related Screens
EQ Costing Main Menu
Related Screen 2


Equipment Costing - TESTV10_X
Equipment Class Rates
Select Company
Company RVHQ1001 RVHQ1001 Long Company Code Na
Equipment Class HIGH-CLASS Higher Level Class
Rate Parameters
Additional Rate
Tran Code Description WM Name
1007 Rental Revenue NA Not Applic
Charge Out Rates
Start Date End Date Hourly Rate Daily Rate Weekly Rate Monthly Rate Additional Rate
01-JAN-2014 31-MAY-2014 1.000 5.000 20.000 60.000 .000
01-JUN-2014 31-DEC-2014 3.000 15.000 60.000 180.000 .000
Billing Rates
Start Date End Date Hourly Rate Daily Rate Weekly Rate Monthly Rate Additional Rate
01-JAN-2014 31-MAY-2014 2.000 10.000 40.000 120.000 .000
01-JUN-2014 31-DEC-2014 6.000 30.000 120.000 360.000 .000
User Extensions
User Extension1
User Extension2
User Extension3
User Extension4
User Extension5
User Extension6
User Extension7
More Extensions ...
Related Screens
Related Screen 1
Related Screen 2
Related Screen 3
Related Screen 4
Related Screen 5
Related Screen 6
Related Screen 7
More Related ...
Enter Transaction Code
Record: 1/1
List of Valu...
<OSC>


Equipment Costing - TESTV10_X
Time Entry
Batch Number
Company RVHQ1001 RVHQ1001 Long Company Code Nam
Currency US
Batch 21887 Higher Level Class Rates
Create Batch
Time Entry
Equipment Quantity WM Rate Equipment Quantity Amount Bill Rate Bill Amount
EQP300 1.00 DY 15.0000 1 15.00 30.0000 30.00
Time Entry uses rate from correct time period in highest class level
User Extensions
User Extension1
User Extension2
User Extension3
User Extension4
User Extension5
User Extension6
User Extension7
More Extensions ...
Related Screens
Related Screen 1
Related Screen 2
Related Screen 3
Related Screen 4


Equipment Costing - TESTV10_X
Charge Out Review
Company
Company RVHQ1001 RVHQ1001 Long Company Code Nam
Batch 21888 Autocharge Rates from Higher Class
Autocharge also retrieves rates from higher class and correct rate from the appropriate time period
Chargeable
Chg Equipment Tran Code Phase Category Amount
EQP300 1007 01-103 3000 60.00 22.00 DY
WBS
Non-Chargeable
Chg Equipment Tran Code Comp Job Phase Category Amount
User Extensions
User Extension5
User Extension6
User Extension7
More Extensions ...
Related Screens

Summary:

- This modification applies to when using the 'Class' level rates only.
- When retrieving rates from other levels of hierarchy such as Job Company/Class, the system would function as before. The rates must be determined at the equipment class level and NOT at the higher controlling class level.
- This modification applies to both Revenue and Non-Revenue rate type methods (System Options > Assets Tab > Use Equipment Revenue Rate Types flag (Y/N).
- This modification applies to, both standard and 28Day Auto-charge functionality.
- The Time Entry programs are also modified to work for considering the controlling class level rates.
- The Actual location adjustment Undo/Create function will also use this modification.

Ability to Copy Equipment Class Revenue Rates (**15.01986**)

The Equipment Class Revenue Type Detail screen in ADF is modified with the addition of a button in the header block to copy the equipment class rates along with allocation overrides if any, from one company to another.

The pre-requisite for a full copy is that, the target company must also have the same transaction codes and the Revenue Types defined with Revenue Allocation for 'Target Company'. If the target company does NOT have all transaction codes or Revenue allocation, then only those matching in both source and target companies will be copied over.

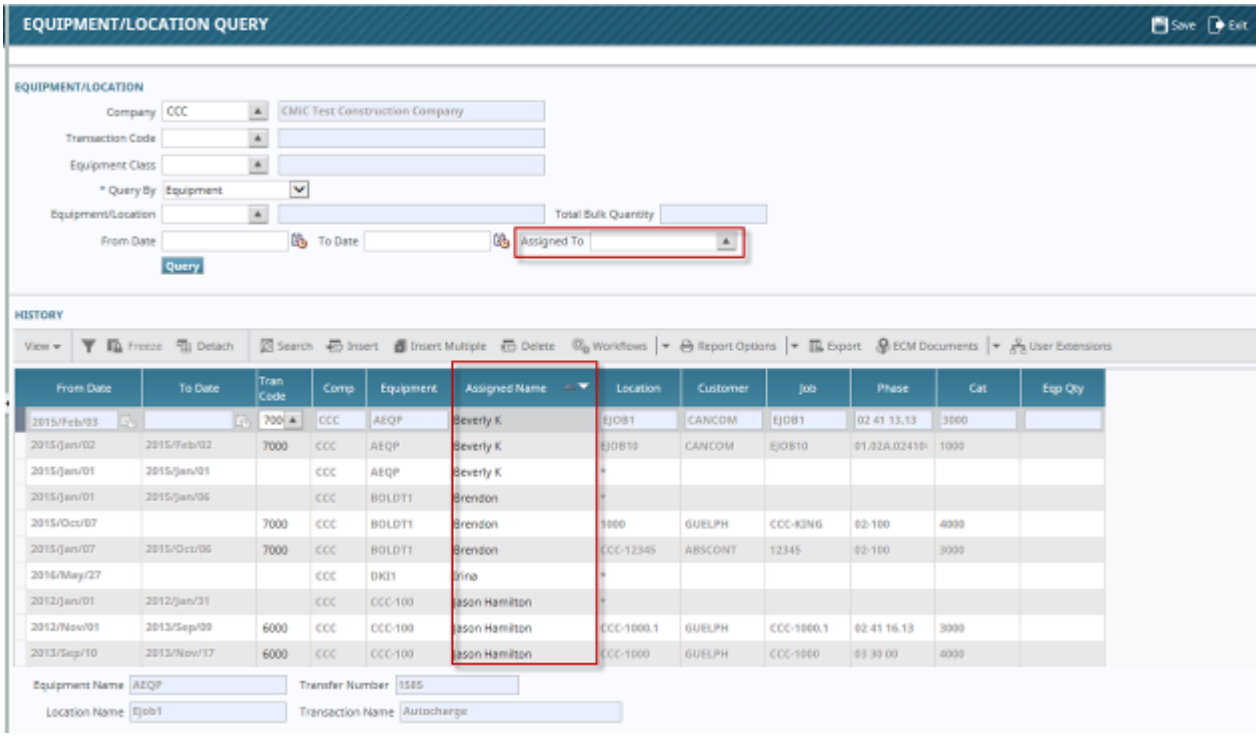
Users must note that, if there are any rates that is 'in-active' then they will NOT be copied over. 'As of Date' all those 'active' rate definitions will be copied over.

Equipment Location Query – Added 'Assigned To' field (16.27056)

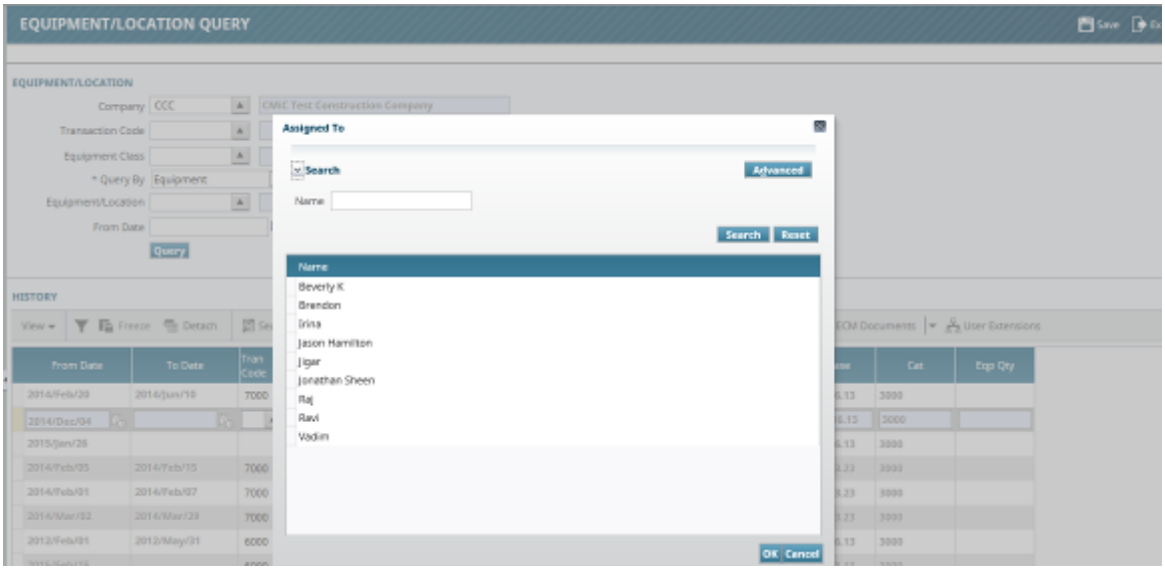
The Equipment Location Query is modified with a parameter field 'Assigned To' in the header block.

This allows users to quickly find the location history of one or more equipment, assigned to a specific individual.

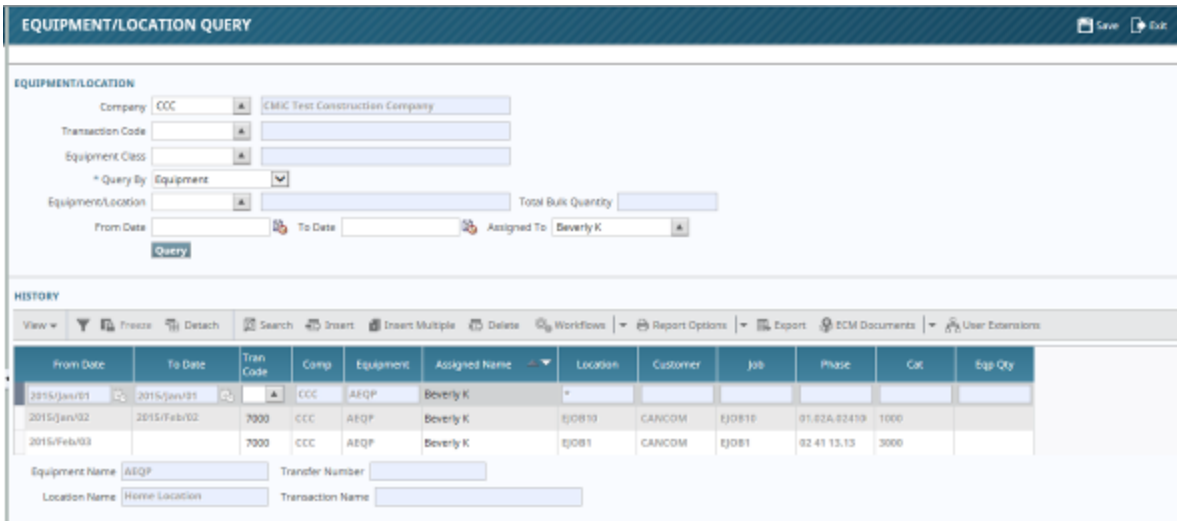
The LOV displays the unique 'assigned To' values from the Equipment maintenance table. Also, the History Details block now has a new column 'Assigned To' as well.



Equipment/Location Query



The LOV displays all distinct ‘Assigned To’ names found in equipment maintenance table under this company. Users may select any one value and click [**OK**] to close the popup and then ‘Query’ to display the filtered records.



To query for all records including those without any 'Assigned To' values, users have to clear the value in the paramter field and then re-query.

Add Job name, City, and State to Equipment queries (16.27059)

Overview:

CMiC has modified the Equipment Actual Location Transfer, Group Transfer Selection, Equipment/ Location Query and Location Tracking Query Screens to have Job Name, City and State added as new standard fields. City and State fields will be populated from the PM Project (Address Tab) tied either to a Sub-Job or Controlling Job.

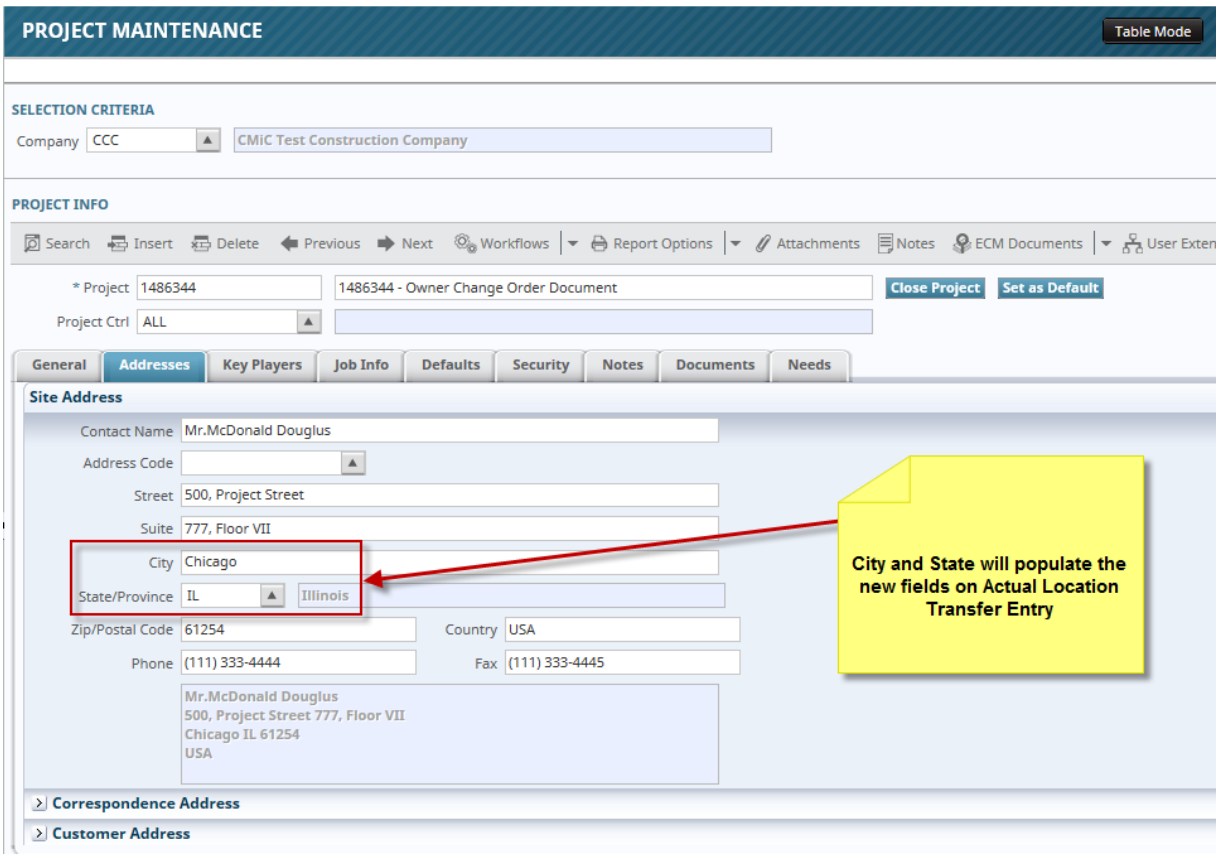
NOTE:

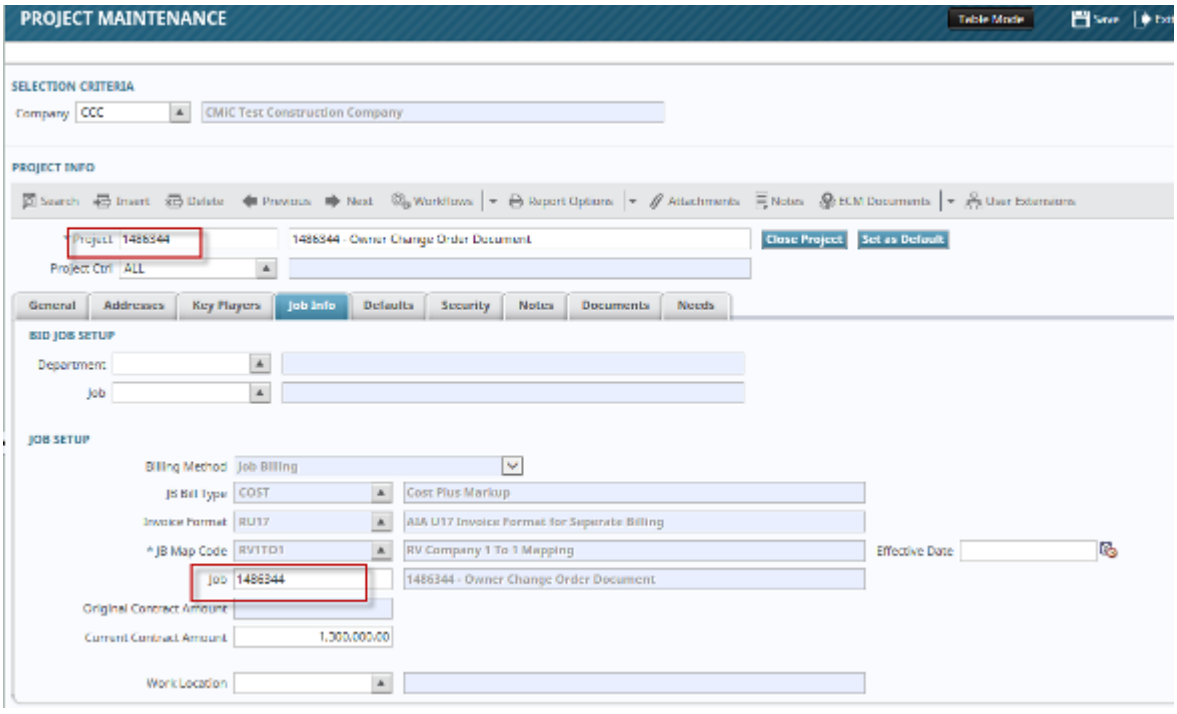
When a sub-job is used for the transfer, the system will look for the Controlling job linked to the sub-job. If the Controlling job is associated with a project, the system will populate City and State fields from the Project settings (Address Tab); otherwise these fields will not be populated.

When a job is used for the transfer, the same rule will apply: if the job itself is tied to a project then the system will populate City and State fields from the Project settings; if the job is not associated with a project, these fields will not be populated.

Settings and Examples:

1. Below is the project 1486344 associated with the job 1486344. The Address tab content shows the City as "Chicago" and the States as "Illinois".

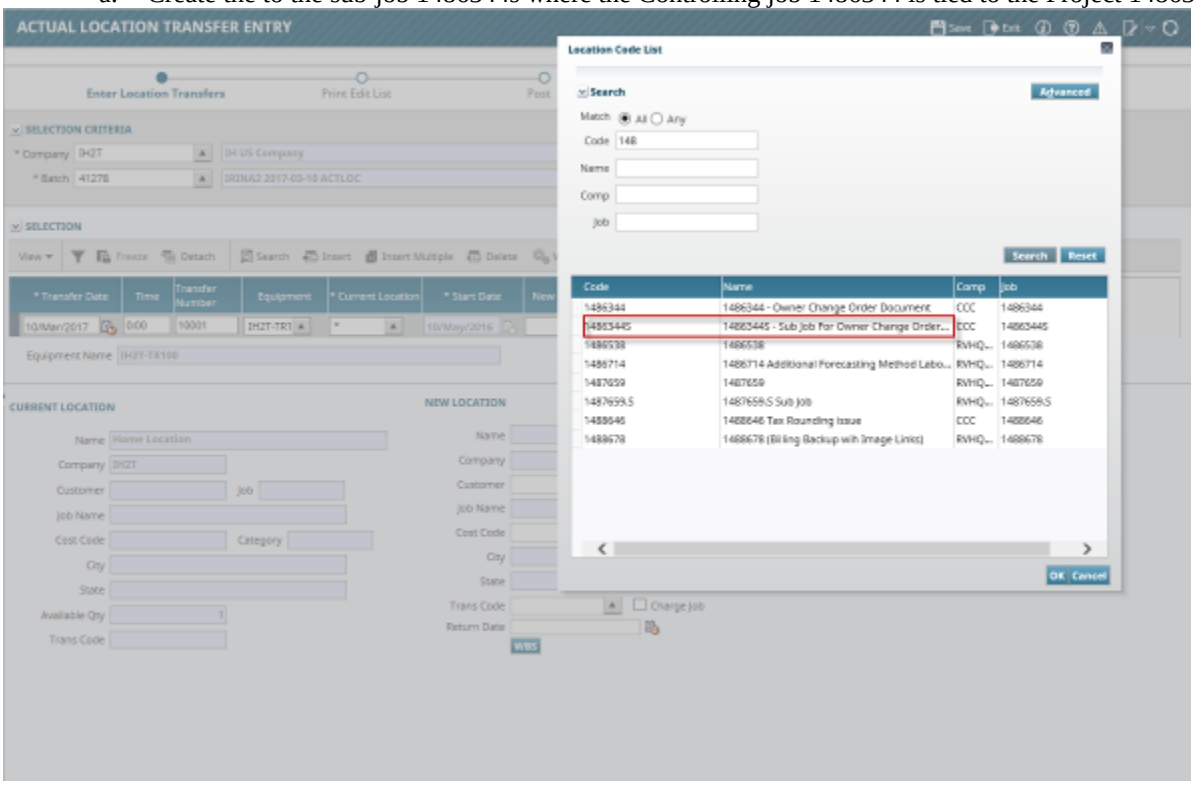




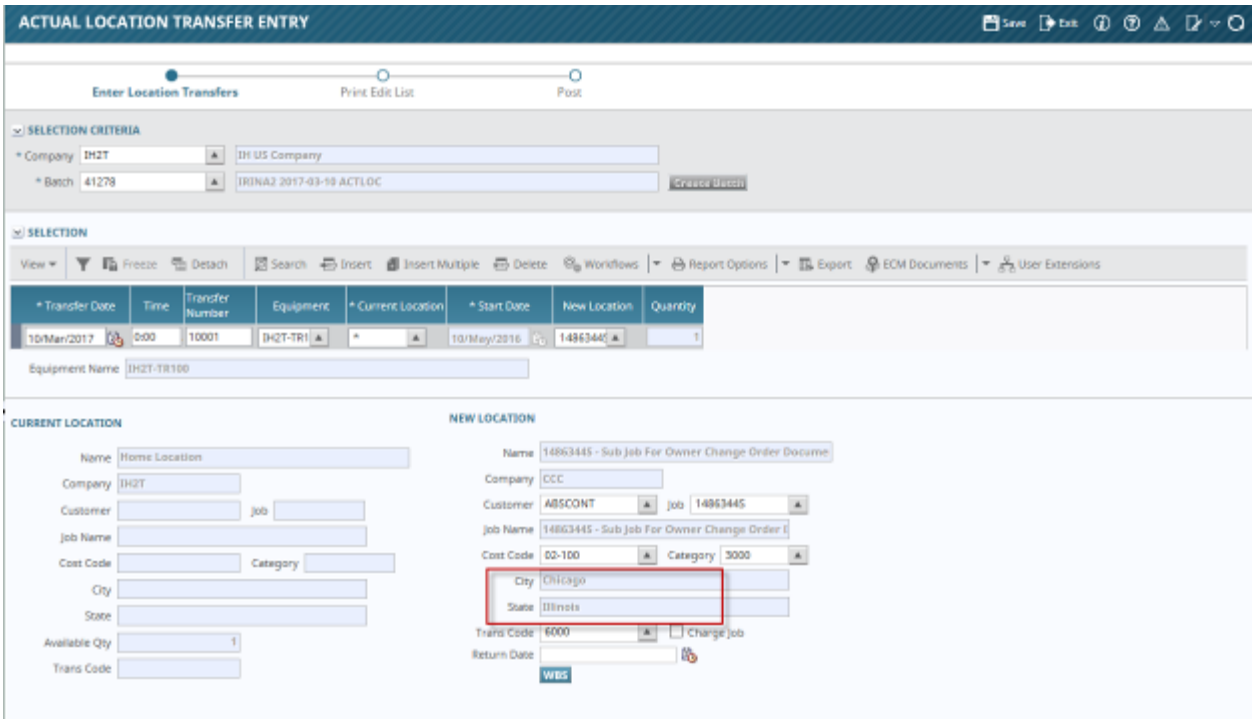
The job 1486344 is the Controlling job for the sub-job 1486344s.

2. **Equipment Actual Location Transfer (**Equipment Costing -> Transactions -> Actual Location Transfer -> Enter Transfer Transactions):

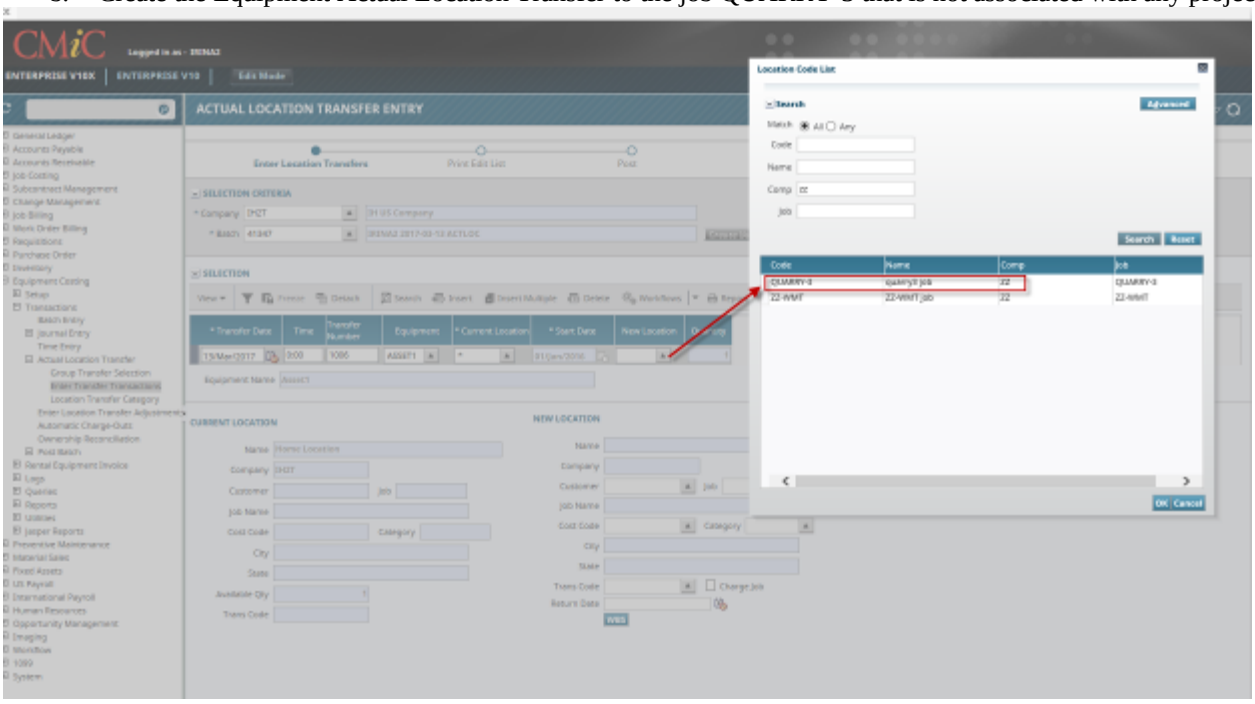
    a. Create the to the sub-job 1486344s where the Controlling job 1486344 is tied to the Project 1486344.



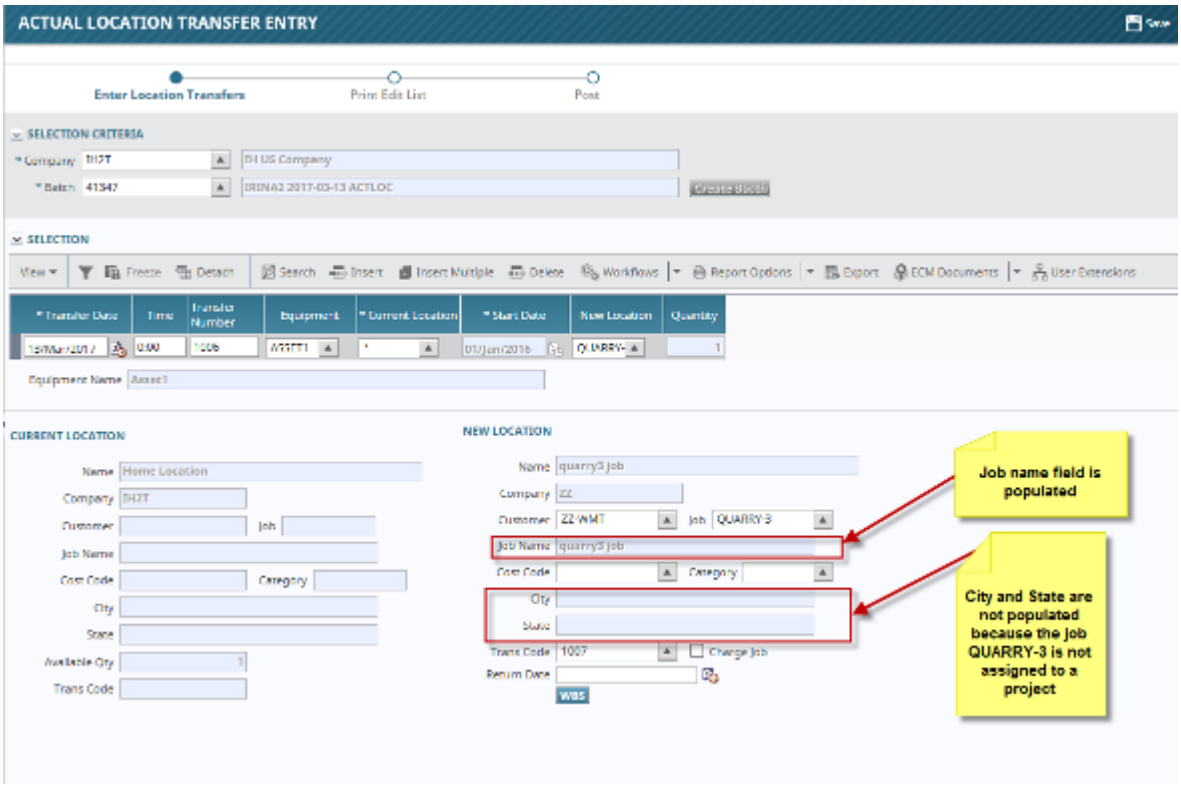
As shown on the screen print below, the added fields Job Name, City, and State are automatically populated. The values for the fields City and State are retrieved from the Address Tab of the Project 1486344; the field Job Name will be populated for any job regardless whether it is connected to a project.



b. Create the Equipment Actual Location Transfer to the job QUARRY-3 that is not associated with any project.

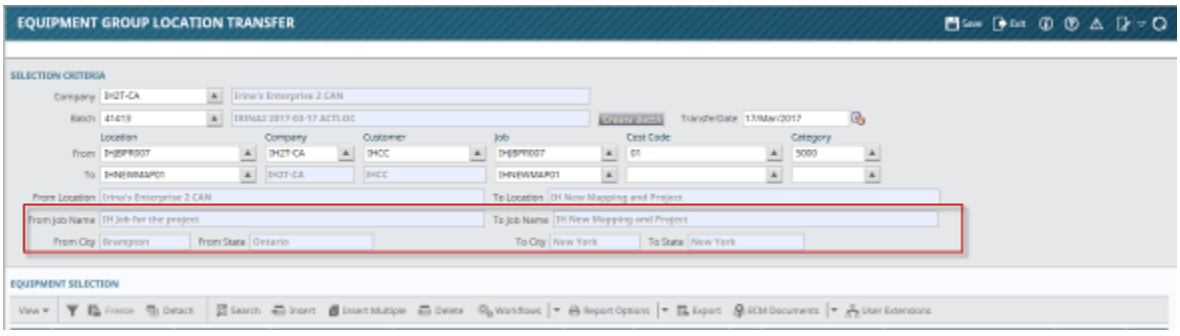


As shown on the screen print below, the fields City, and State are not populated since the job QUARRY-3 is not associated with any project. The field Job Name will be populated for any job regardless whether it is connected to a project.



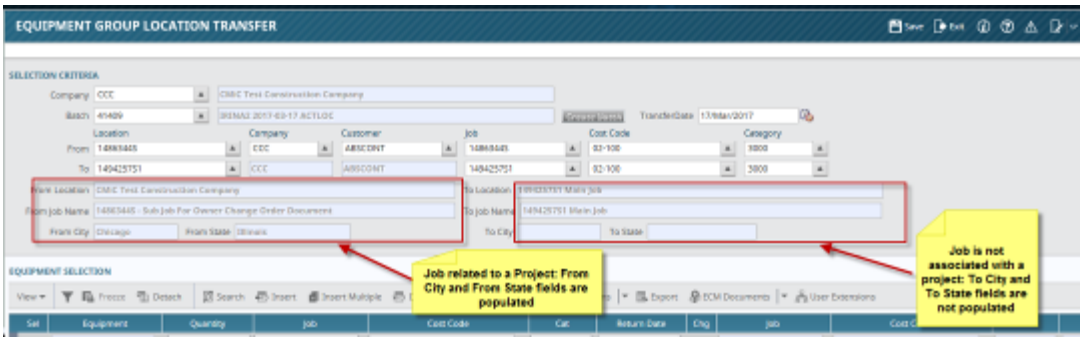
3. **Equipment Group Location Transfer (**Equipment Costing -> Transactions -> Actual Location Transfer -> Group Transfer Selection):

    a. Create Equipment Group Location Transfer From one sub-job associated with a Project to another job associated with a different Project:



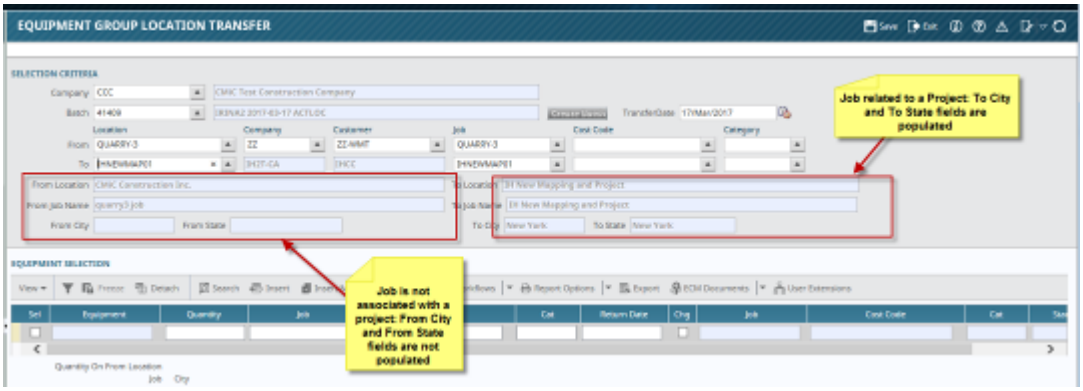
As shown on the screenshot above, the fields From City, From State, To City, To State are automatically populated with the values from the Address Tab of the corresponding projects. The fields From Job Name and To Job Name will be populated for any job regardless whether it is connected to a project.

    b. Create Equipment Group Location Transfer From the sub-job associated with a Project to a job that is not tied to a project:

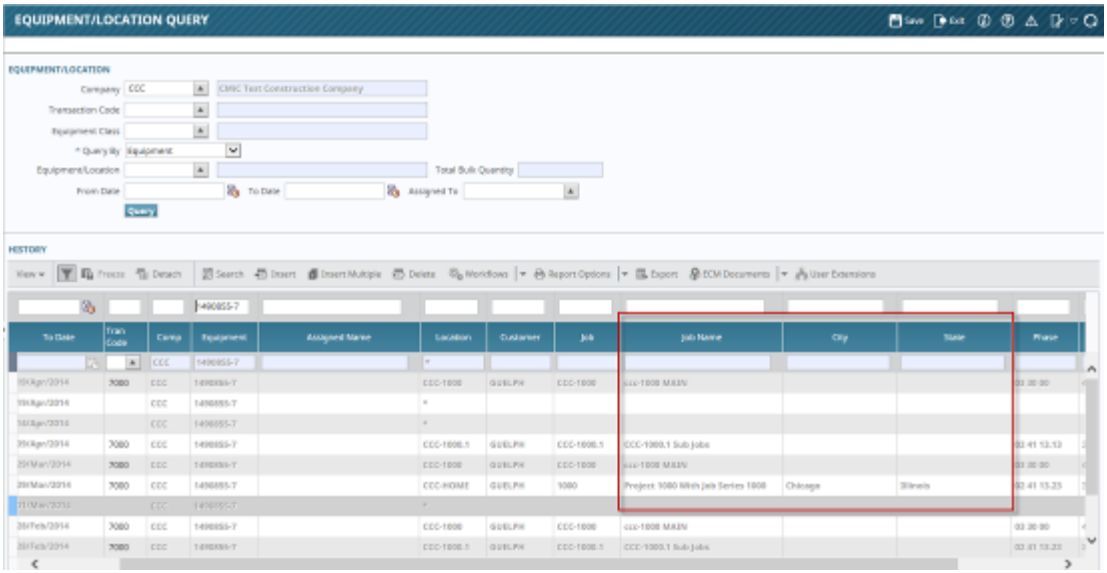


As shown on the screenshot above, only the fields From City, From State, To City, To State are automatically populated with the values from the Address Tab of the corresponding projects. The fields From Job Name and To Job Name will be populated for any job regardless whether it is connected to a project.

a. Create Equipment Group Location Transfer From the job that is not tied to a project to the sub-job associated with a Project to a job that is not tied to a project:

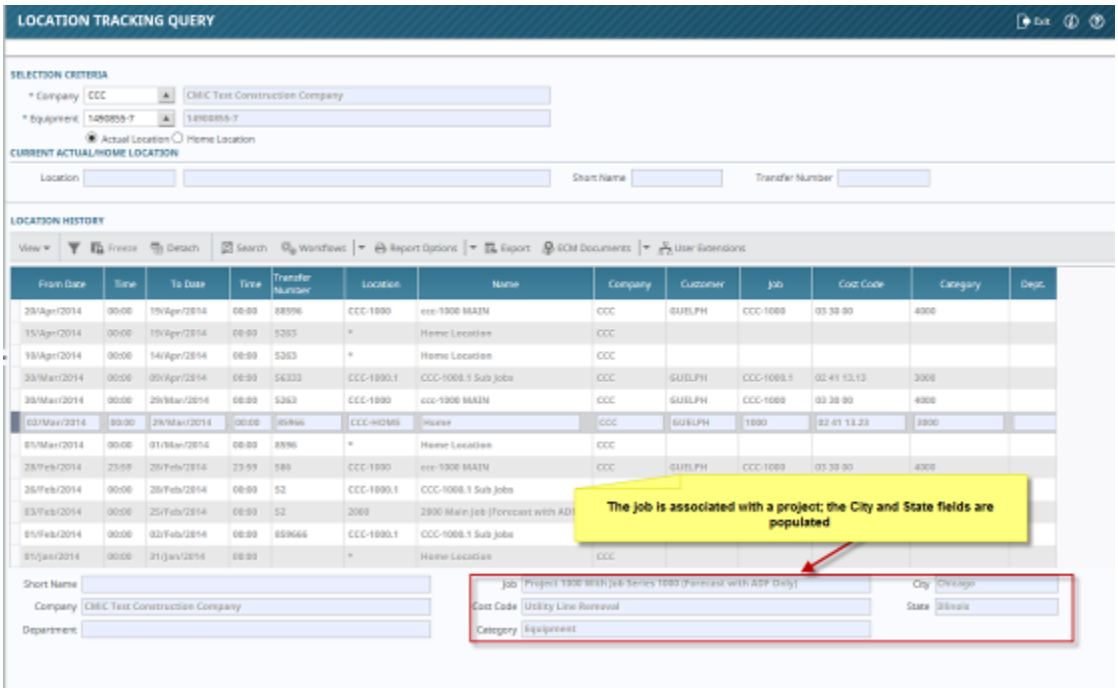


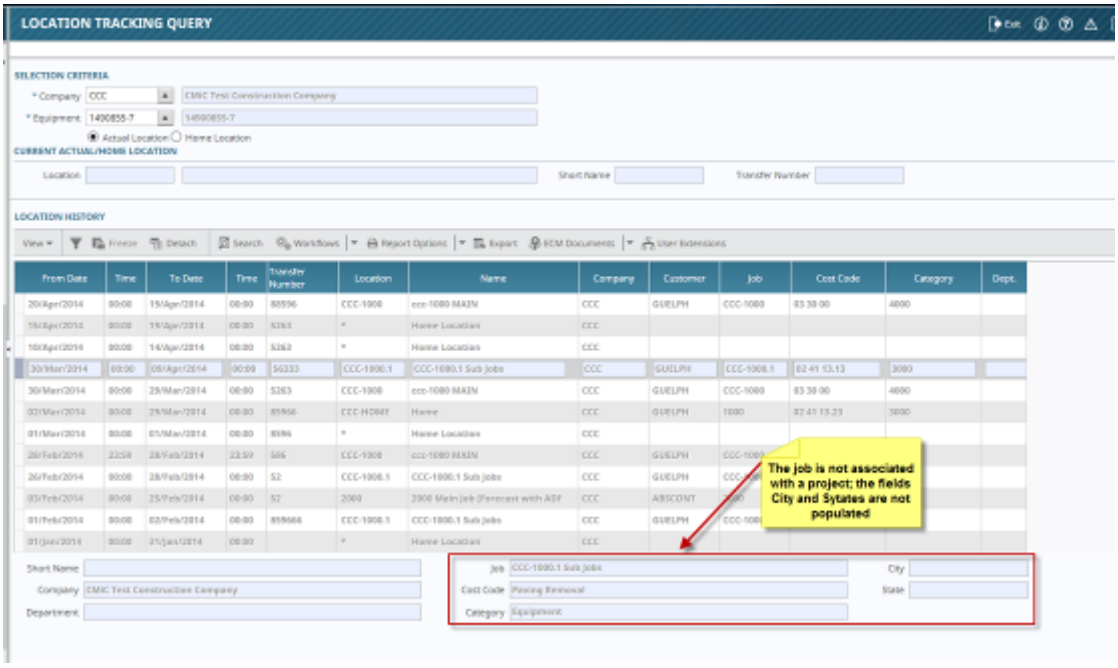
4. **Equipment/Location Query (**Equipment Costing -> Queries -> Equipment/Location Query):



As shown above, three new columns have been added to the query: Job Name, City, and State. While Job Name column is always populated (if the Job Name was defined during the job setup), the columns City and States are populated only for the Locations that are associated with projects.

5. **Location Tracking Query (**Equipment Costing -> Queries -> Location Tracking Query):





Summary:

Job Name, City and State fields have been added to the Equipment Actual Location Transfer, Group Transfer Selection, Equipment/ Location Query and Location Tracking Query Screens. While the Job Name filed is always populated (if the Job Name was defined during the job setup), the columns City and States are populated only if the corresponding Location is associated with the job (or a sub-job with Controlling Job) that is tied to a project.

Copy Class Rates to all open Jobs (16.24296) – BETA Version

Class Rate Entry Screen (Non-Revenue Type) is modified with the addition of "Copy Job/Class Rate" button. The pop-up screen has the following three fields.

- Class
- Charge Cap %
- As of Date

Class:

Enter or Select an Equipment Class that you wish to copy rates from or leave as blank, to copy from all class rates

Charge Cap %:

Specify a Charge Cap % that will be applied to all the copied Charge/Billing Records in 'Rates by Job/Class' screen.

As of Date:

Specify a date that will be used to determine the class rate records with encompassing start/end dates for copying.

Process Button:

Press the 'Process' button to copy the Class Rates to Company/Class/Open Jobs.

Cancel:

Simply 'Cancels' the operation and closes the pop-up screen.

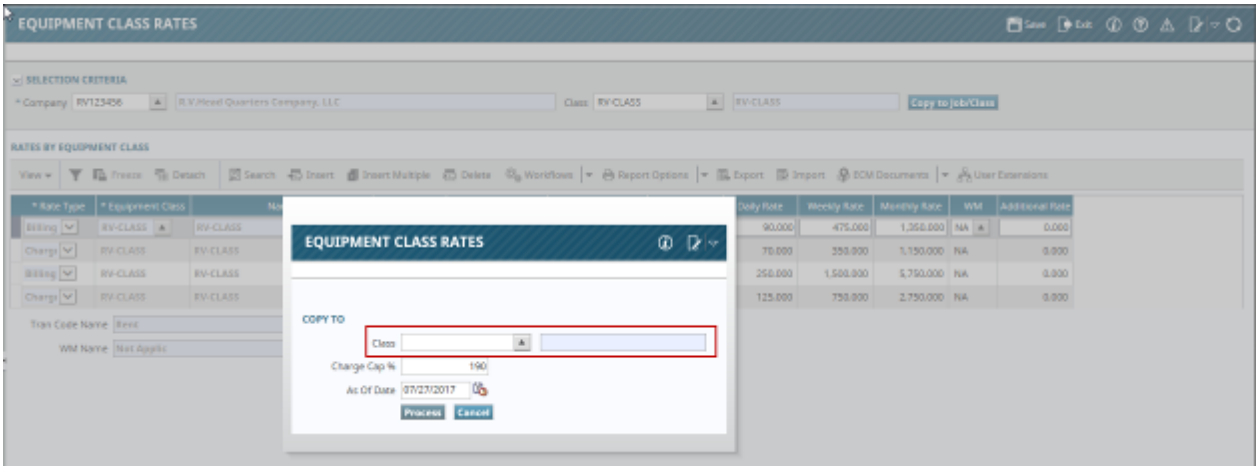
Processing:

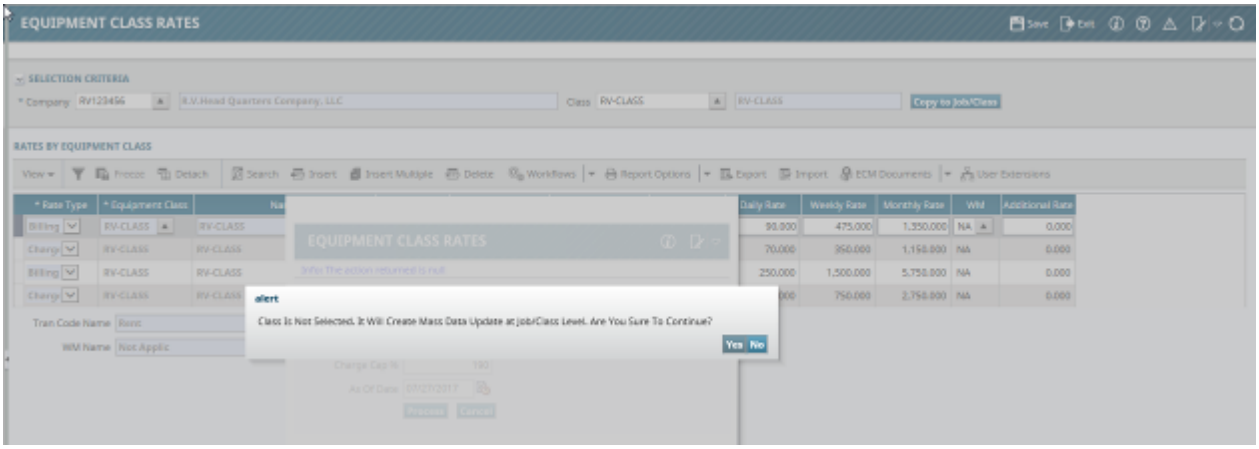
When Class is specified:

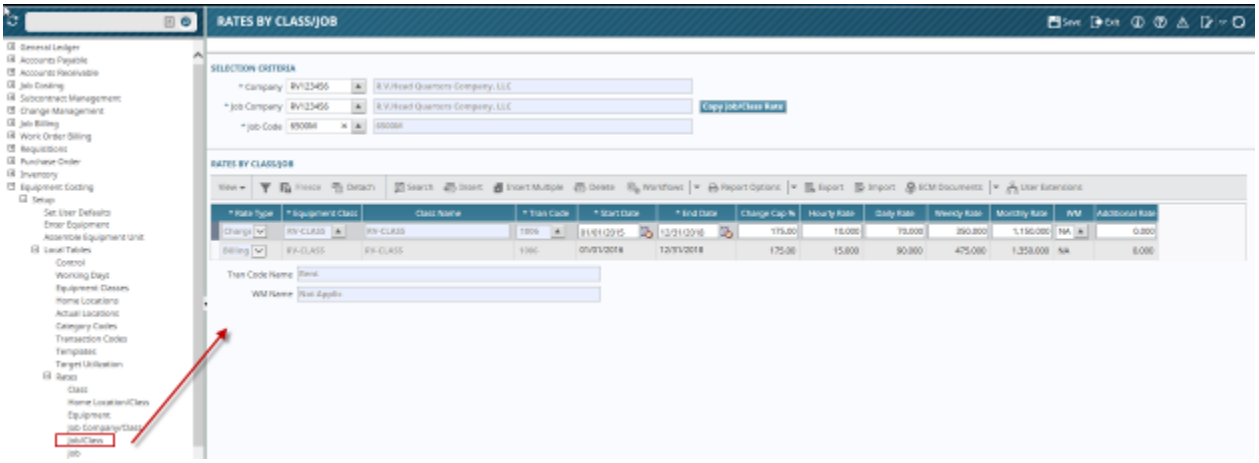
The 'Class Rates' will be copied to all open jobs under the company. This can be viewed from the 'Job/Class' Rates Screen for any open jobs.

When Class field is left blank:

All 'Class Rates' will be copied to all open jobs under the company. There will be a warning message about the mass update and users have to confirm by pressing 'OK' to proceed copying. If rates already exist for the Job/Class combination then the system will raise an error and nothing copied.







NOTES:

1. *Applicable to clients using 'Non-Revenue Rate Type' only.*
   (System Options > Assets > 'Use Revenue Rate Type' flag un-checked).
2. *The button is hidden by default. Use the 'Lite Editor' to un-hide the same.*
3. *The Copy function would only look at the 'Open Jobs' to copy, closed jobs will be ignored.*

Actual Location with 'Retire' flag (17.38216)

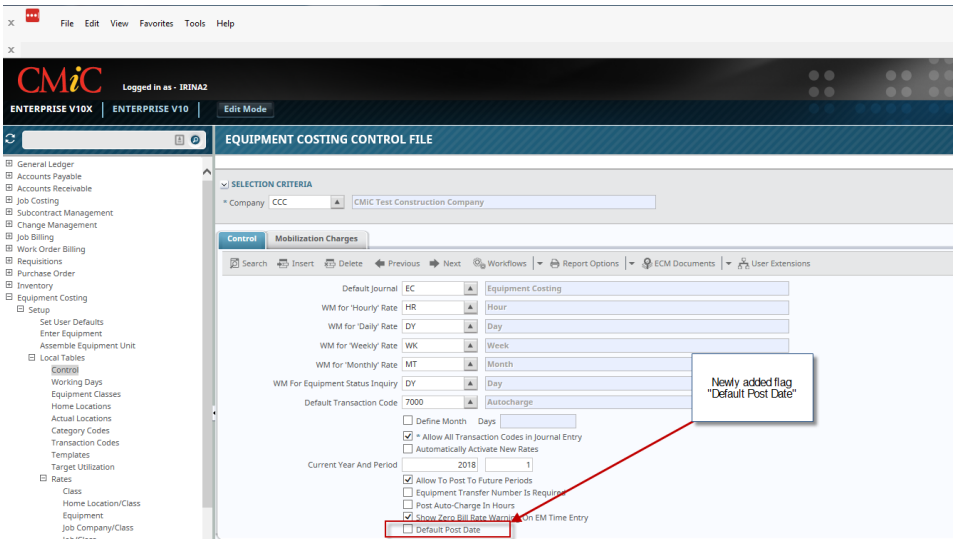
The Equipment Actual Location Entry program is modified with the addition of a new flag 'Retire'. This is to indicate that the 'Bulk Equipment' quantity at this location to be discorded Quantity

Request to Have the Post Date Default as Empty in EMPST (17.46737)

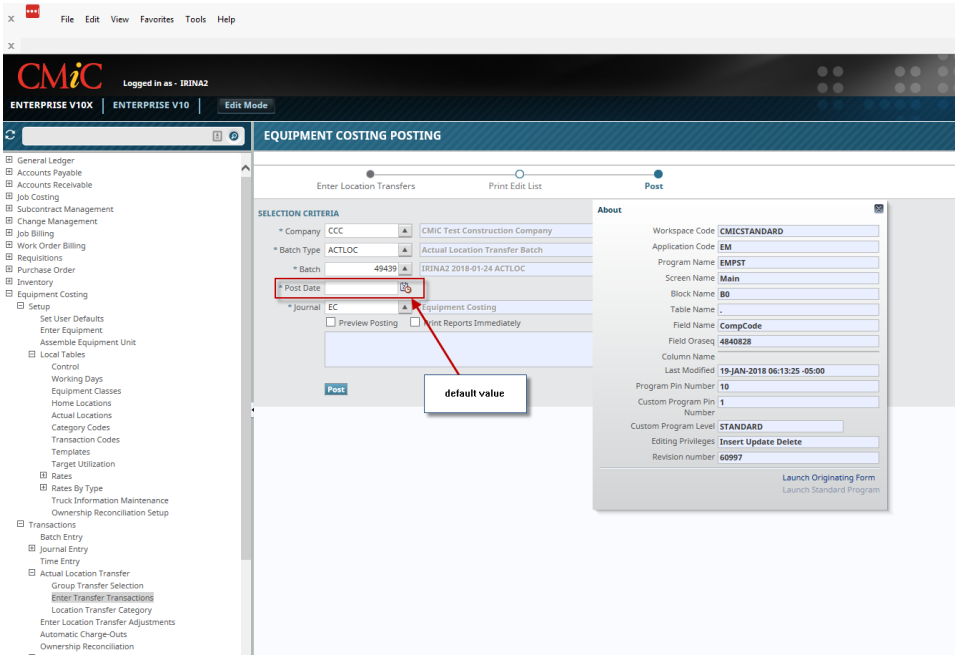
CMiC has modified Equipment Costing (EM) program to add a new flag to EM control file to determine whether post date will be defaulted empty or not empty in the Equipment posting program (EMPST). By default, the new flag will be checked (Default post date not empty). Changes will be done on ADF programs only.

The following screen has been modified: Equipment Costing -> Control -> Control Tab.

A new check box flag "Default Post Date" has been added (the default value is "checked").



If the flag “Default Post Date” in the Equipment Costing Control File is unchecked, then the default value of the Post Date field on the Equipment Costing Posting screen (program EMPST) will be empty:



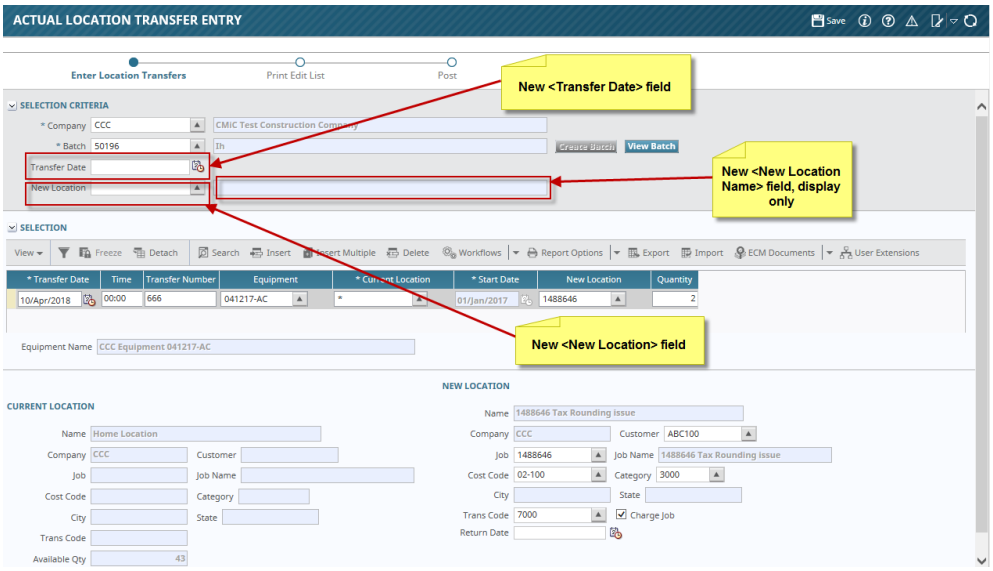
If the flag “Default Post Date” in the Equipment Costing Control File is checked, then the program EMPST will function as prior to these changes with the default value of the Post Date field on the Equipment Costing Posting screen as the current date.

Equipment Costing - Actual Location Transfer (18.47913)

CMIC has implemented the following modifications in ADF program only:

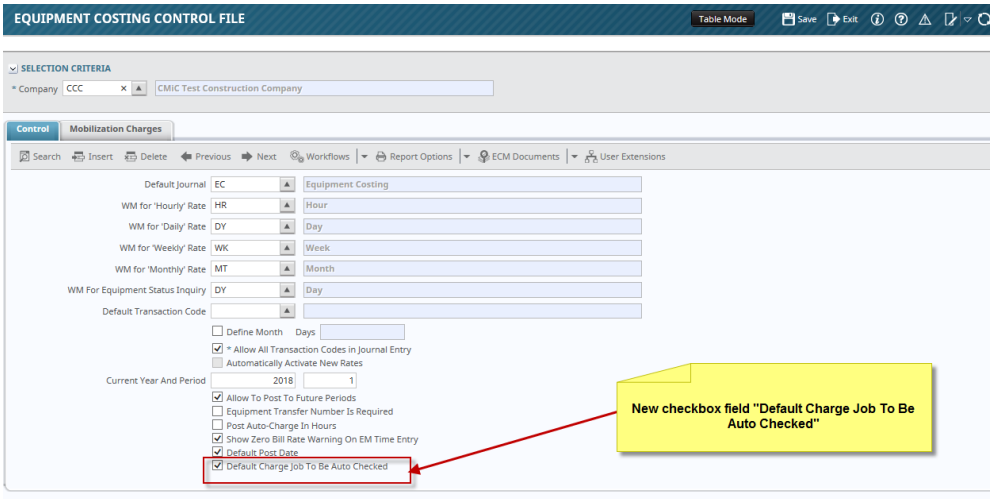
New GUI:

1. The program Actual Location Transfer (EMALTR) (Equipment Costing -> Local Tables -> Actual Location Transfer) has been modified to add three new fields on the top block that are hidden by default and should be made visible using Lite Editor:
    a. <Transfer Date> (the field code in Lite Editor is *CTransferDate*),
    b. <New Location> (the field code in Lite Editor is *CNewLocationCode*),
    c. <New Location Name> (the field code in Lite Editor is *CNewLocationName*). This field is display only; it is adjacent to <New Location> field.



2. A new checkbox field "Default Charge Job flag to be auto checked" has been added on the Equipment Costing Control File. If this Flag is checked, the system sets the “Charge Job” flag on the Actual Location Transfer Entry screen to 'Y'. Users still have the option to set it to 'N' (*Unchecked*).

NOTE: The new checkbox field "Default Charge Job flag to be auto checked" in the Equipment Costing Control file by default is set as *Checked*.



New Functionality:

1. Once the user enters the date in the <Transfer Date> and <New Location> fields in the Selection Criteria block and then inserts a new record into the Selection block, the system will auto populate the “Transfer Date” field in the Selection block with the date entered in the <Transfer Date> field in the Selection Criteria block.

   The New Location field in the Selection block will be auto populated with the new location from <New Location> field in the Selection Criteria block *immediately after the user enters the Equipment code into the Equipment field of the inserted new record.*

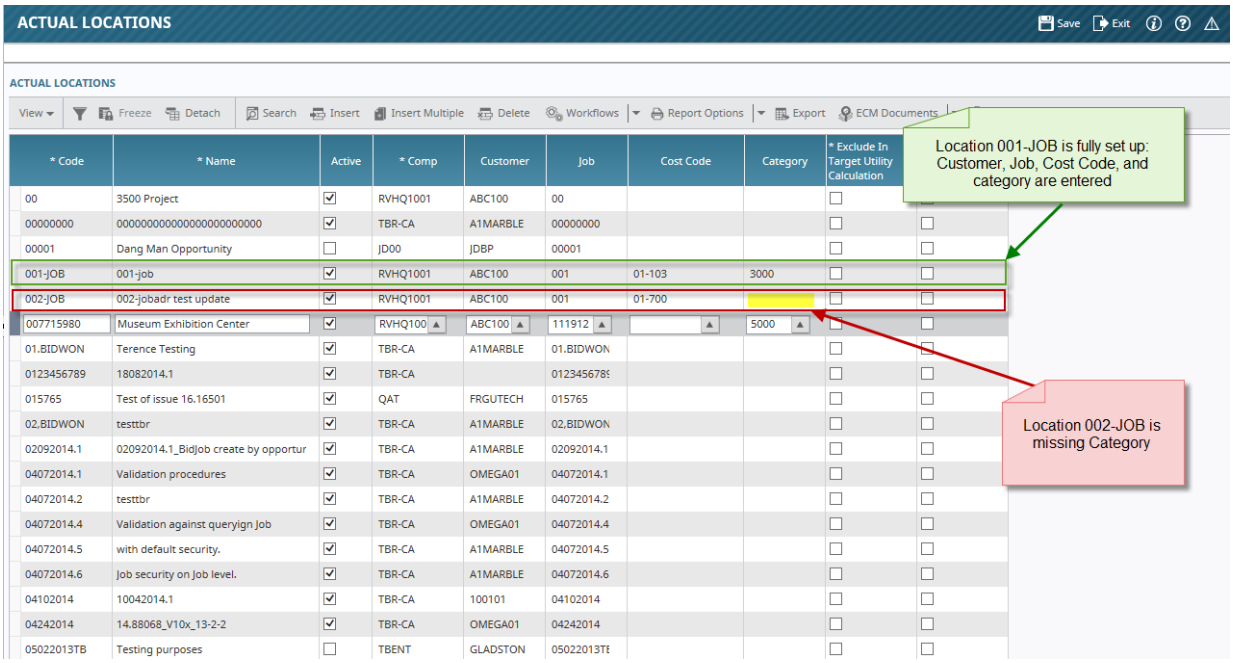
   The user can override auto populated (default) values.

2. When the new checkbox field "Default Charge Job flag to be auto checked" is checked on the Equipment Costing Control File the system will automatically check the “Charge Job” flag on the Actual Location Transfer Entry screen *only if the entered New Location is fully set up*, i.e. it is active and the Job, Cost Code, and Category are set up for this location on the Actual Locations screen (Equipment Costing -> Local Tables -> Actual Locations).

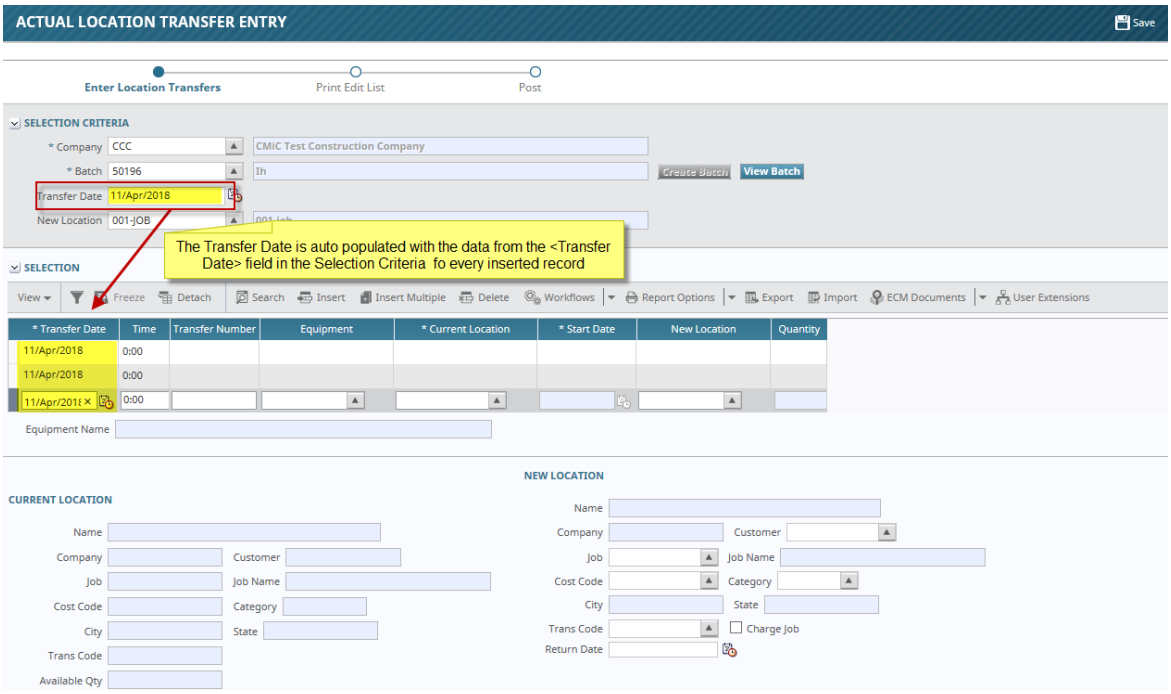
   If any of the information above is missing the “Charge Job” flag on the Actual Location Transfer Entry screen will remain unchecked regardless of the status of the checkbox field "Default Charge Job flag to be auto checked" on the Equipment Costing Control File.

Setting and Functionality Examples

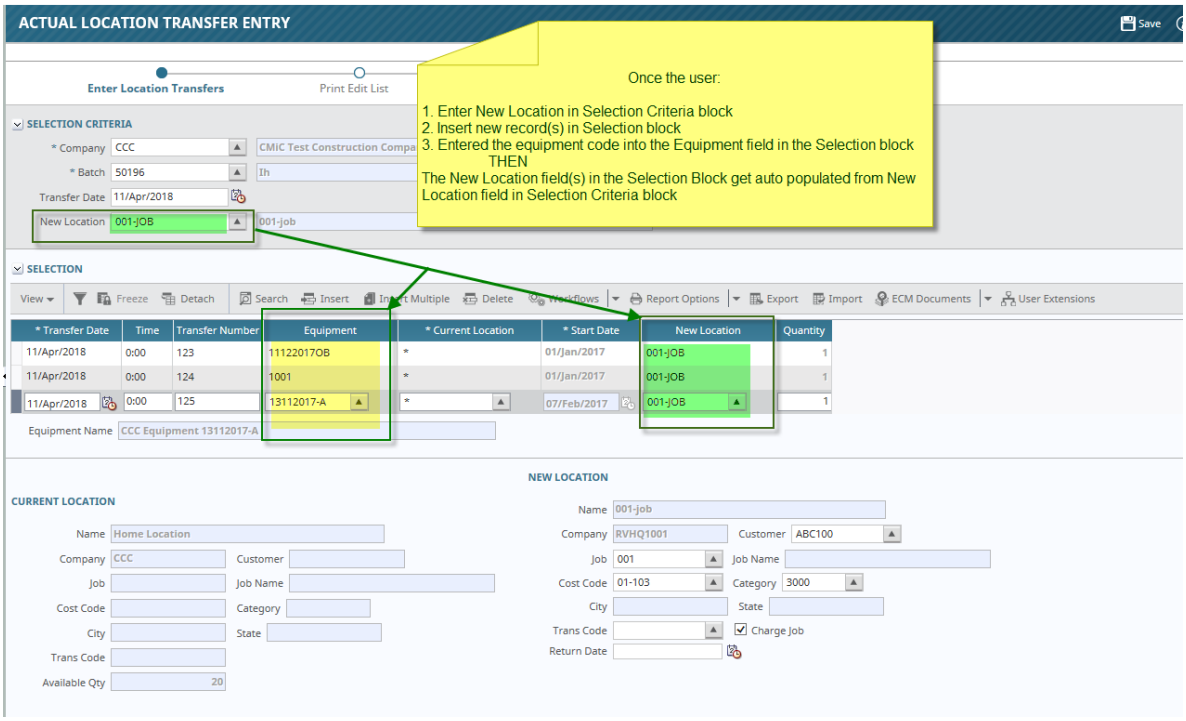
1. Actual Locations set up:



2. Enter the Transfer Date and New Location into Selection Criteria block and insert new record(s). The Transfer Date field in the Selection block is auto populated:



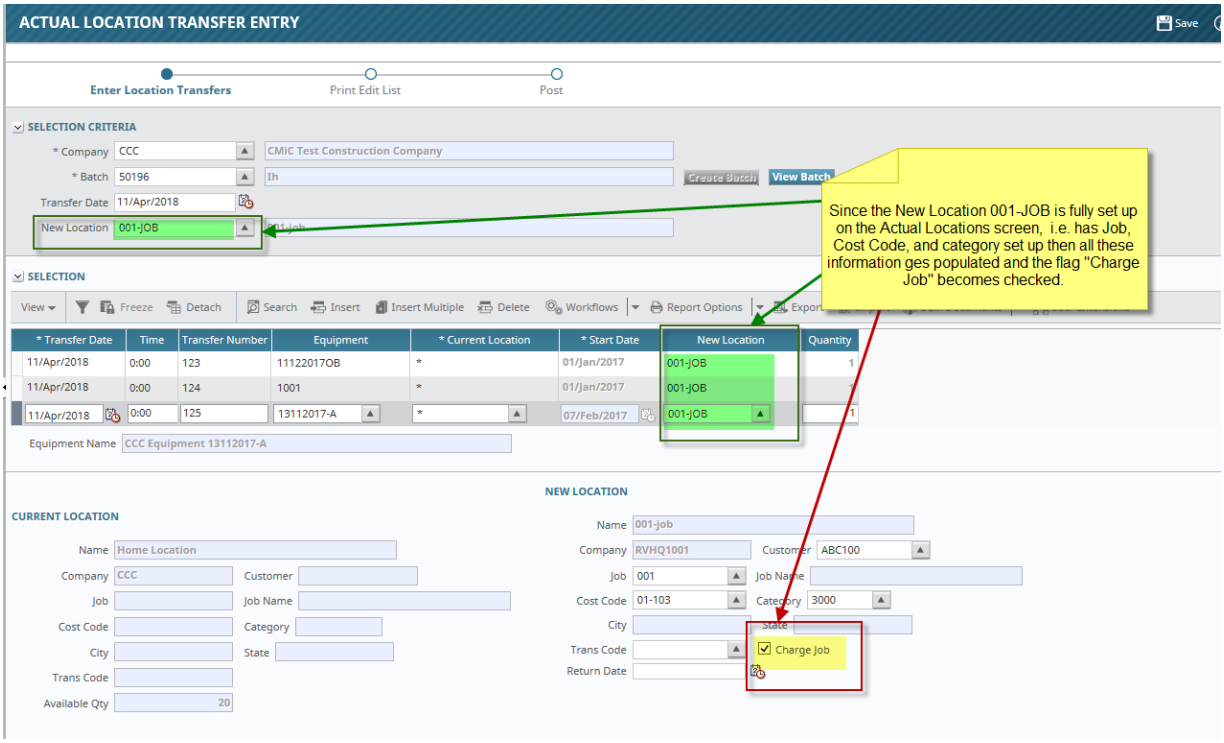
3. Enter the equipment into Equipment field of the Selection block – the new Location field in the Selection block will be auto populated:



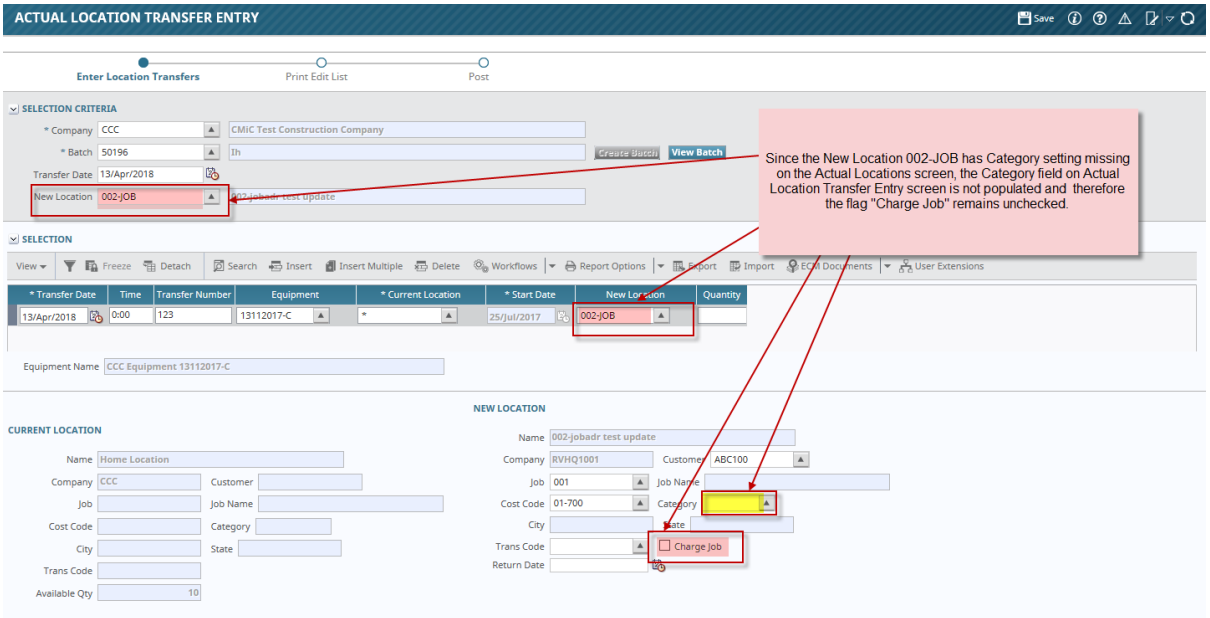
4. Analyze the status of the “Charge Job” flag.

4.1. Since the New Location 001-JOB is fully set up on the Actual Locations screen (see paragraph 1 of *Setting and Functionality Examples* section of the current document) and the new checkbox field "Default Charge Job flag to be auto checked" in the Equipment Costing Control file is set as *Checked* (see paragraph 2 of the

New GUI section of the current document) then the Charge Flag on the Actual Location Transfer entry screen becomes checked:



4.2. Enter new location in the Selection Criteria block for the 002-JOB (this location is missing Category setting, refer to paragraph 1 of *Setting and Functionality Examples* section of the current document) and insert a record. Since the New Location 002-JOB has Category setting missing on the Actual Locations screen, the Category field on Actual Location Transfer Entry screen is not populated and therefore the flag "Charge Job" remains unchecked.



Summary:

The fields Transfer Date and New Location have been added to the Selection Criteria area. Once the user enters this information, the Transfer Date and New Location fields in the Selection area will be auto-populated.

A new checkbox field "Default Charge Job flag to be auto checked" has been added on the Equipment Costing Control File. When this flag is checked, and a New Location is fully set up on the Actual Locations screen, then the Charge Flag on the Actual Location Transfer entry screen becomes checked as well.

Equipment Revenue Cap - Discount Percentage – BETA version
(17.33043)

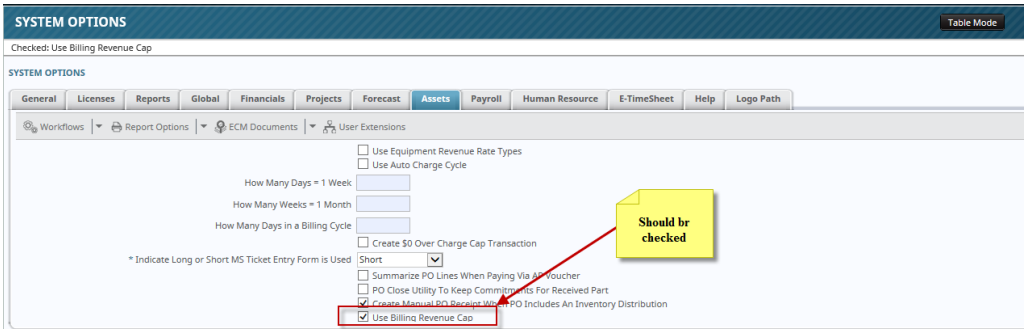
NOTE: This is a new functionality and currently in development and testing. The programs are NOT implemented and is released as a Beta version in this patch

CMiC has modified The Equipment Auto-Charge process to have Caps applied on Billing Amount along with a discount percentage applied on the Billing rates.

NOTE: This modification is available for Standard Auto-Charge only when the billing rates are used from Equipment Module.

The following programs have been modified:

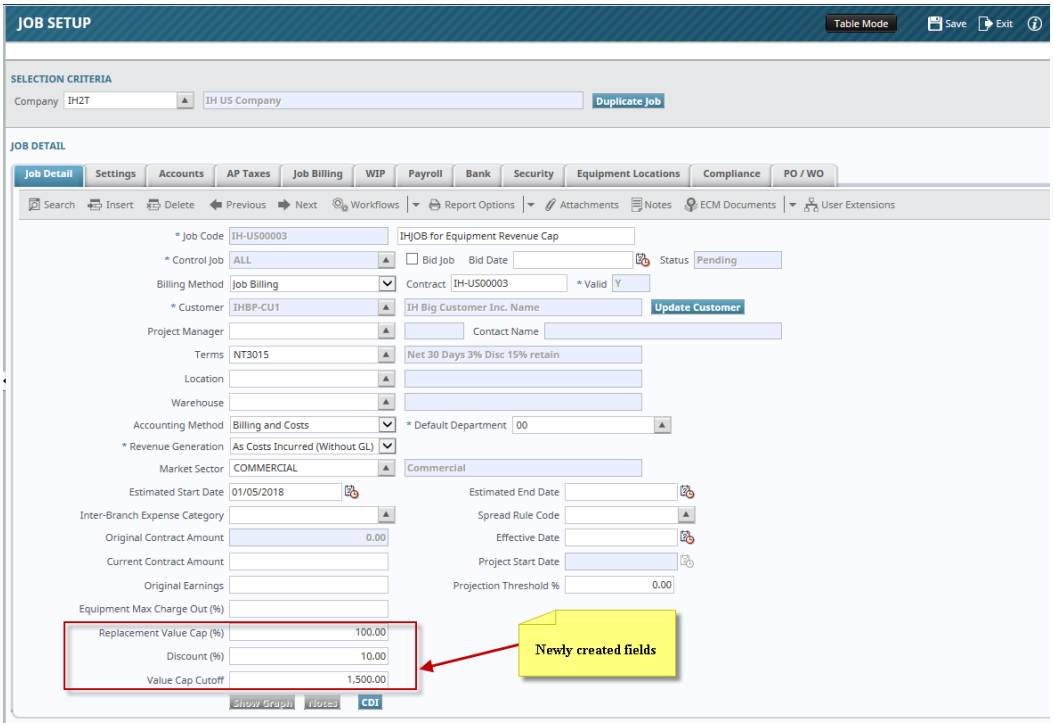
1. The System Options program:
   Treeview Path: System -> Setup -> System Options -> Assets Tab



A new checkbox “Use Billing Revenue Cap” has been added to System Options, Asset Tab. To use new functionality the checkbox “Use Billing Revenue Cap” should be checked off.

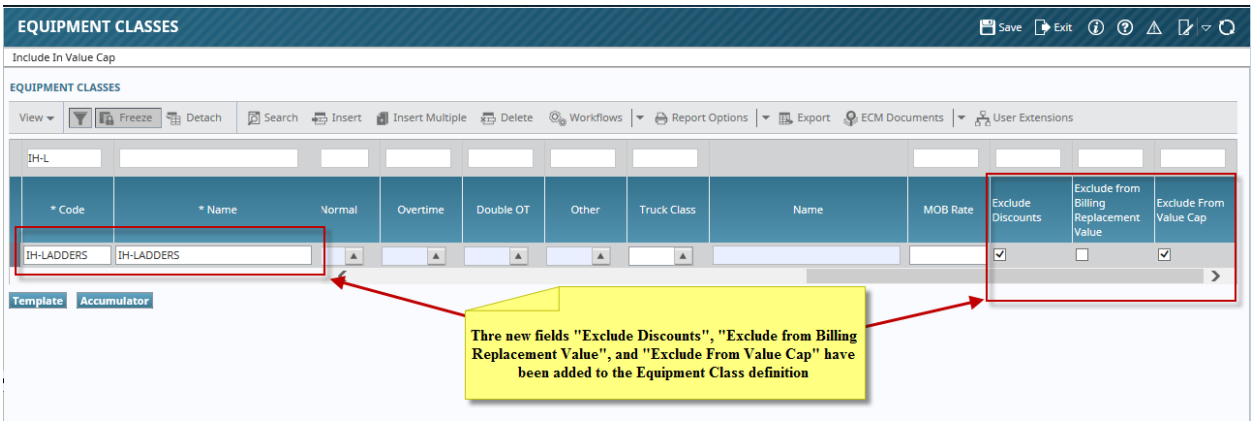
NOTE: The new fields added to the programs described below will be visible ONLY if the checkbox “Use Billing Revenue Cap” is checked off.

2. The Enter Job program:
   Treeview Path: Job Costing -> Job -> Enter Job



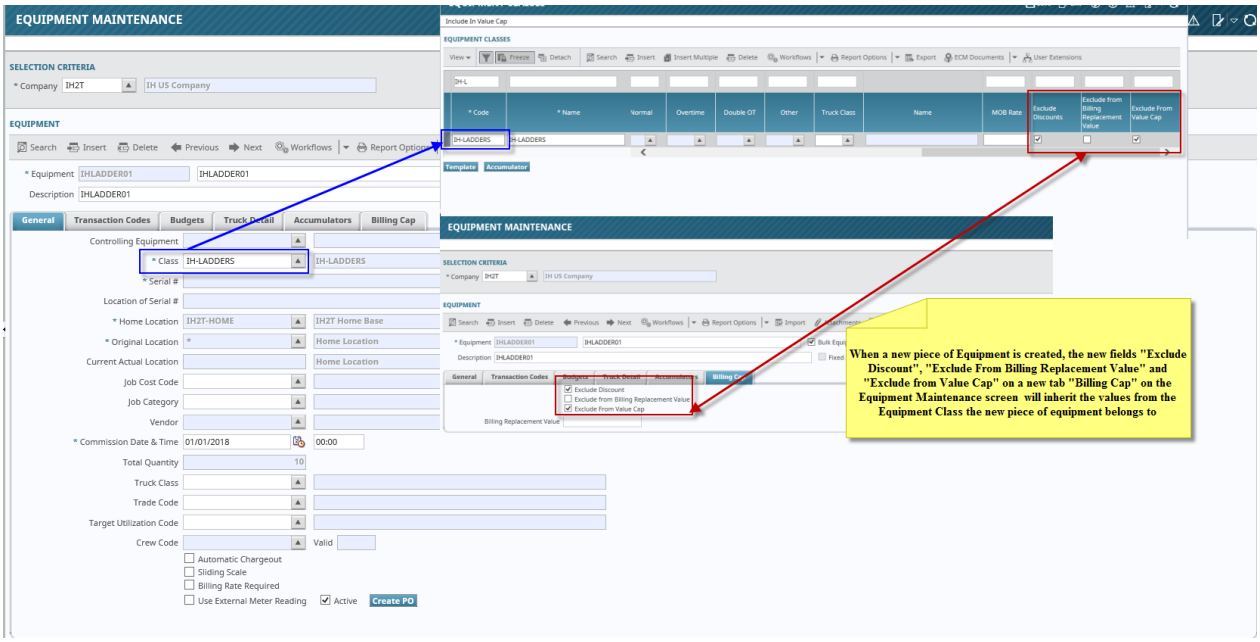
Three new fields "Replacement Value Cap (%)", "Discount Percent" and "Value Cap Cutoff" ($ value) have been added to the Enter Job program.

3. The Equipment Class Maintenance Program:
   Treeview Path: Equipment Costing -> Setup -> Local Tables -> Equipment Classes



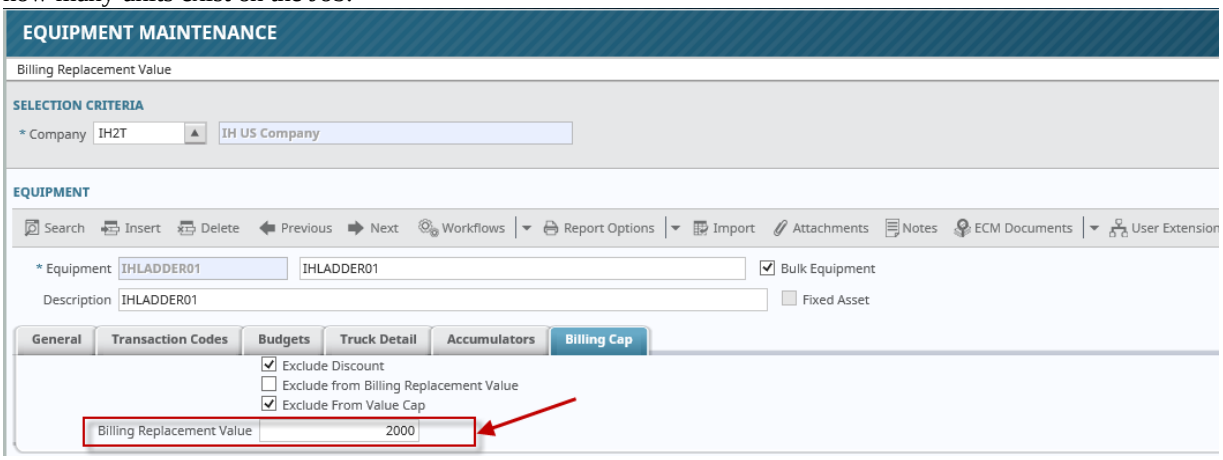
Three new flags: "Exclude Discounts", "Exclude from Billing Replacement Value" and "Include In Value Cap" have been added to n Equipment Class definition.

4. The Equipment Entry program:
5. Treeview Path: Equipment Costing -> Setup -> Local Tables -> Equipment Classes



The Equipment Entry program has been modified to have the same new fields as the Equipment Class on the new Tab “Billing Cap”. These flags are defaulted from the Equipment Class Level. The user will still have the option to override the defaults.

There is another new field "Billing Replacement Value" has been added to the “Billing Cap” Tab on the Equipment Maintenance screen. This field is to be treated as *the value for each individual unit of Bulk Equipment* regardless of
how many units exist on the Job.



New Functionality by examples:

At the time of Auto-charge the billing will be calculated depending on the values of the new fields on the Job and new flags on the Equipment. Here are a few examples that are NOT covering in full all functional possibilities.

Example 1:
1.1. The Job where equipment is transferred to has the following flag settings:

Replacement Value Cap %	100
Discount Percent	10
Value Cap Cutoff $	1500

1.2. The Equipment on The Job has no exclusion flags checked on the Billing Flag Cap:

'	Exclude Discount
'	Exclude from Billing Replacement Value
'	Exclude in Value Cap

1.3. Billing Replacement Value is set as 2000 ($) and the Month Rate for the Equipment is set as 1000($):

Billing Replacement Value	2000
Month Rate	1000

Calculations:
Are Auto-Charges to Date included in the billing? Yes, because the following conditions are satisfied:
Exclude in Value Cap = checked OR (Exclude in Value Cap = false AND Billing Replacement Value is greater than Value Cap Cutoff $)
Max billing will be $2,000: *(Replacement Value Cap % / 100 * Billing Replacement Value)*
The Discount applied is 10%:
For month 1 bill: $900 Running Total: $900
For month 2 bill: $900 Running Total: $1800
For month 3 bill: $200 Running Total: $2000 (MAX)
For month 4 bill: $0 Running Total: $2000 (MAX)

Example 2:
2.1. The Job where equipment is transferred to has the following flag settings:

Replacement Value Cap %	null
Discount Percent	null
Value Cap Cutoff $	null

2.2. The Equipment on The Job has no exclusion flags checked on the Billing Flag Cap:

'	Exclude Discount
'	Exclude from Billing Replacement Value
'	Exclude in Value Cap

2.3. Billing Replacement Value is set as 2000 ($) and the Month Rate for the Equipment is set as 1000($):

Billing Replacement Value	2000
Month Rate	1000

Calculations:
Are Auto-Charges to Date included in the billing? Yes, because the following conditions are satisfied:
Exclude in Value Cap = checked OR (Exclude in Value Cap = false AND Billing Replacement Value is greater than Value Cap Cutoff $)
Max billing will be UNLIMIED because Value Cap Cutoff is NULL.
The Discount applied is 0 because Discount Percent is NULL.
For month 1 bill: $1000 Running Total: $1,000
For month 2 bill: $1000 Running Total: $2,000

For month 3 bill: $1000 Running Total: $3,000
For month 4 bill: $1000 Running Total: $4,000

Example 3:
3.1.The Job where equipment is transferred to has the following flag settings:

Replacement Value Cap %	null
Discount Percent	null
Value Cap Cutoff $	1500

3.2. The Equipment on The Job has no exclusion flags checked on the Billing Flag Cap:

'	Exclude Discount
'	Exclude from Billing Replacement Value
'	Exclude in Value Cap

3.3. Billing Replacement Value is set as 2000 ($) and the Month Rate for the Equipment is set as 1000($):

Billing Replacement Value	2000
Month Rate	1000

Calculations:
Are Auto-Charges to Date included in the billing? Yes, because the following conditions are satisfied:
Exclude in Value Cap = checked OR (Exclude in Value Cap = false AND Billing Replacement Value is greater than Value Cap Cutoff $)
Max billing will be UNLIMIED because Replacement Value Cap% is NULL.
The Discount applied is 0 because Discount Percent is NULL.
For month 1 bill: $1000 Running Total: $1,000
For month 2 bill: $1000 Running Total: $2,000
For month 3 bill: $1000 Running Total: $3,000
For month 4 bill: $1000 Running Total: $4,000

Example 4:
4.1.The Job where equipment is transferred to has the following flag settings:

Replacement Value Cap %	null
Discount Percent	null
Value Cap Cutoff $	2500

4.2. The Equipment on The Job has no exclusion flags checked on the Billing Flag Cap:

'	Exclude Discount
'	Exclude from Billing Replacement Value
'	Exclude in Value Cap

4.3. Billing Replacement Value is set as 2000 ($) and the Month Rate for the Equipment is set as 1000($):

Billing Replacement Value	2000
Month Rate	1000

Calculations:
Are Auto-Charges to Date included in the billing? No, because the following conditions are NOT satisfied:

Exclude in Value Cap = checked OR (Exclude in Value Cap = false AND Billing Replacement Value is greater than Value Cap Cutoff $) since in this case Billing Replacement Value (2000) is less than Value Cap Cutoff$ (2500).

Max billing will be 0.
The Discount applied is 0 because Discount Percent is NULL.
For month 1 bill: $0 Running Total: $0
For month 1 bill: $0 Running Total: $0
For month 1 bill: $0 Running Total: $0
For month 1 bill: $0 Running Total: $0.

In other words, if the Equipment is not marked to exclude In Value Cap and the Billing Replacement Value on the Equipment is less than the Value Cap Cuttoff$ at the Job then the system will create auto-charge transaction with a zero-dollar unbilled revenue amount.

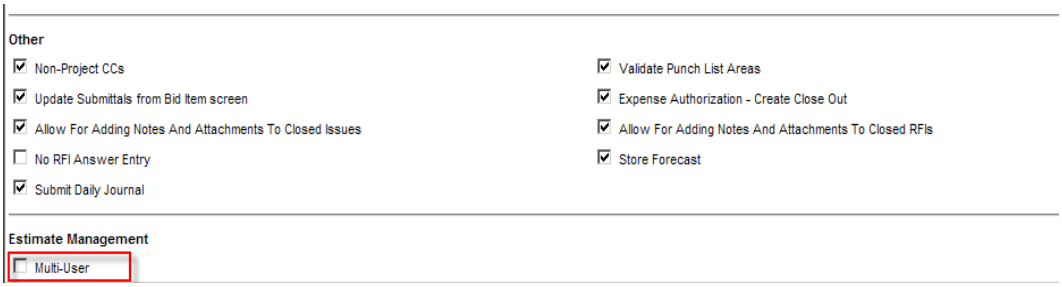
If the Equipment is not marked to include In Value Cap and the Billing Replacement Value on the Equipment is greater than the Value Cap Cutoff$ at the Job, then the system will create auto-charge transaction with the available billing rate from Equipment Module.

If the Job has a Discount % defined, then the discount will be applied to the Unbilled Revenue Rate. The Unbilled Revenue Amount will be calculated from the discounted Billing Rate.

If the Billed To Date charges on the Job exceeds the amount calculated as [*Amount = Billing Replacement Value (From Equipment) * Replacement Value Cap% (From Job)*], then the Auto-Charge transaction will be created with a Zero Dollar Unbilled Revenue Amount.

Estimate Management (BETA)

Multi-User Project Role Flag (12.69255)

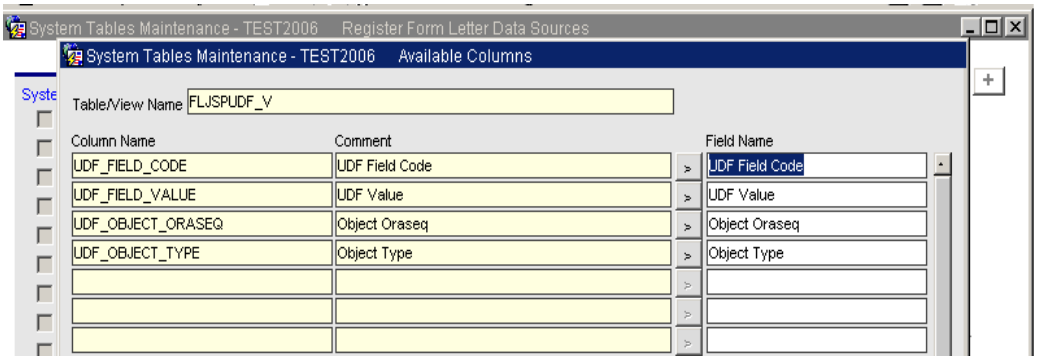


Add a 'Multi-User' checkbox to the Estimate Management section of Project Roles in the Project Management JSP module.

When this flag is checked, the user will have the full access rights on jobs created through Estimate Management.

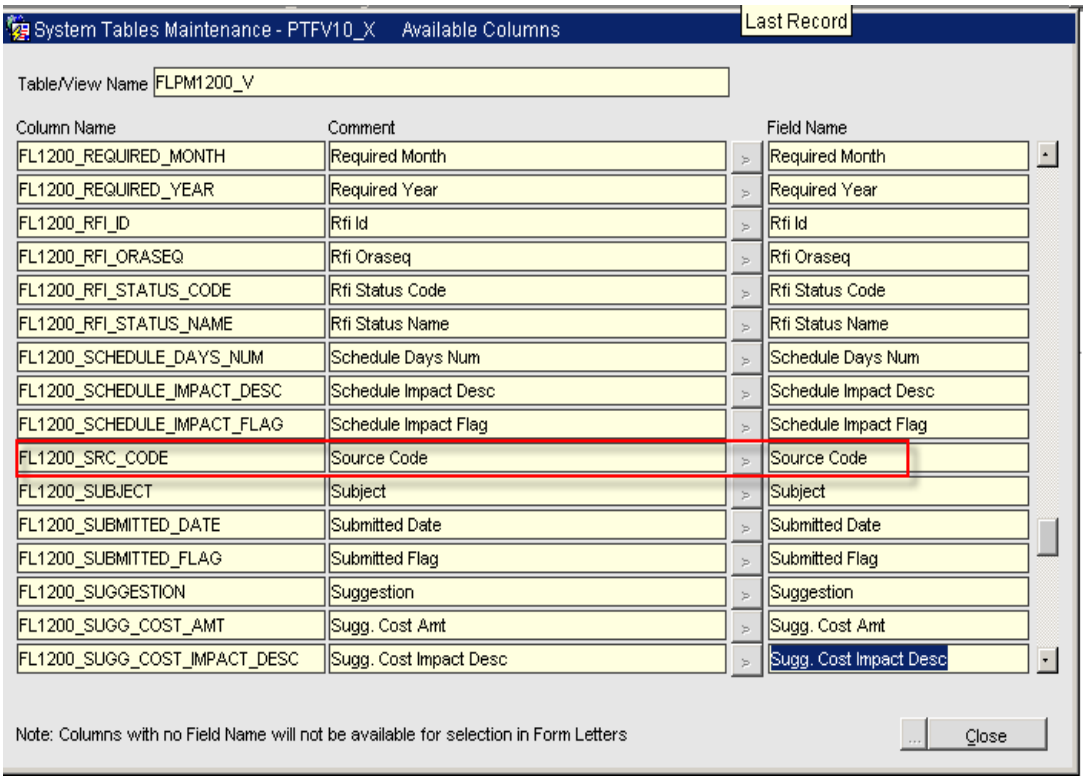
Form Letters

Form Letter View for JSP User Defined Fields (08.29703)



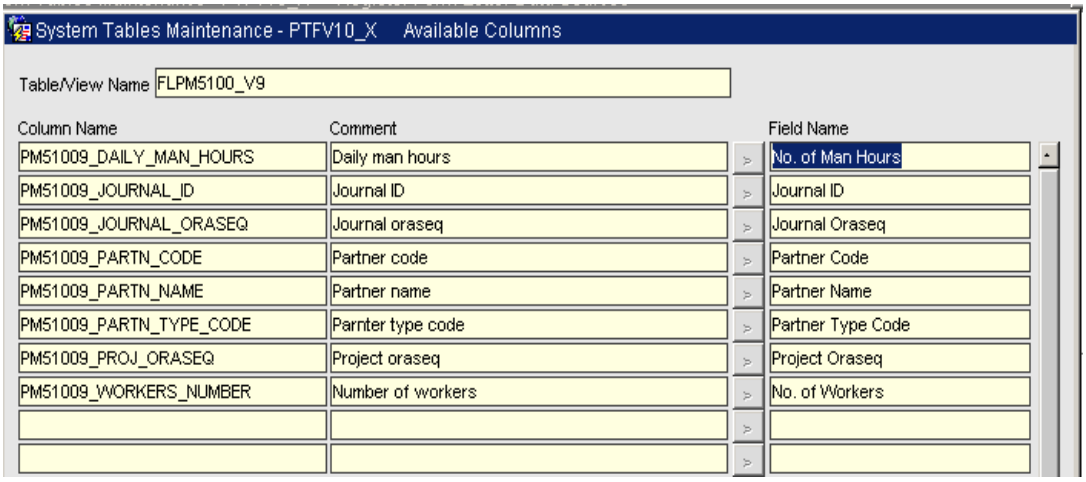
A new Form Letter view (FLJSPUDF_V) has been added for JSP User Defined Fields, to allow use of UDF on form letters. In the Form Letter Definition screen, this view can be joined with existing form letter views for PM Objects, to pick up the values of the user-defined fields for that PM object. They are then available for Form Letters defined for that PM Object.

Source Code for RFI Information (12.69047)



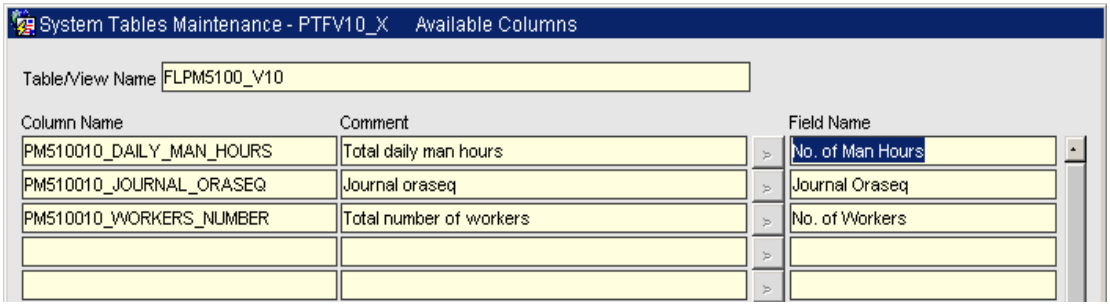
Added new column 'Source Code' (da.pmrfi.pmrfi_src_code), to the RFI Information form letter view FLPM1200_V.

Daily Journal Task tab - Totals (12.66435)

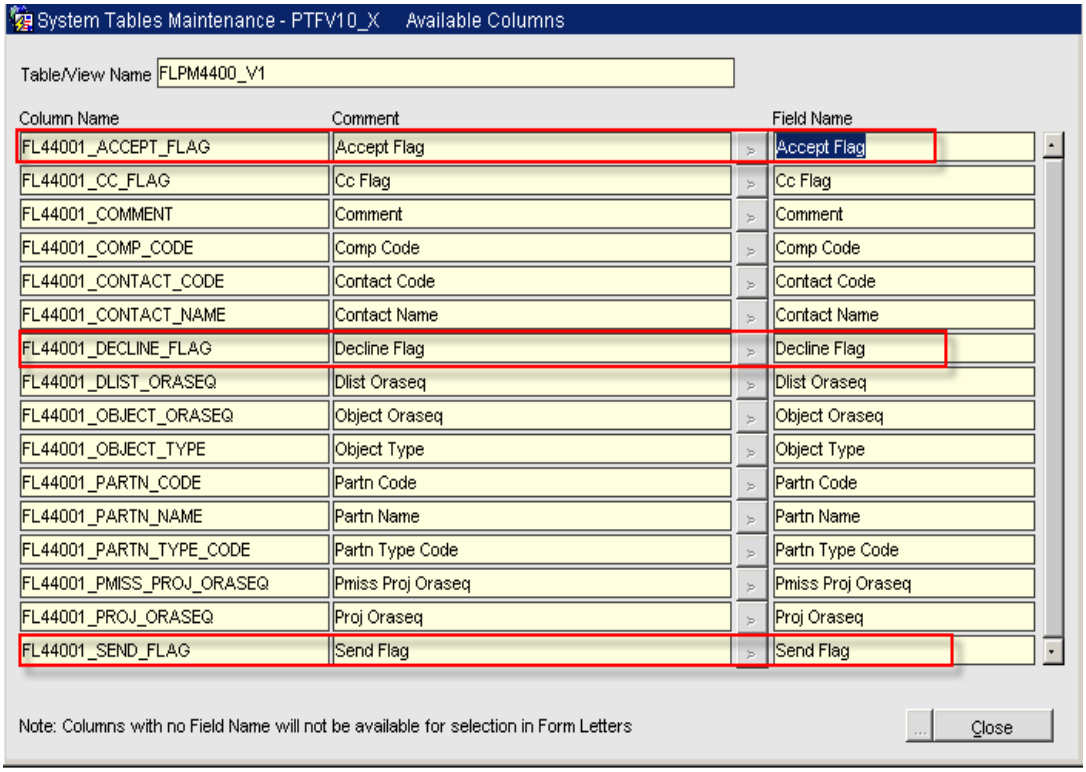


Added views FLPM5100_V9 and FLPM5100_V10 to pull totals from the DJ Task tab - views will provide the following totals from the Task tab on Daily Journal screen.:

- Total Labor Units by Company
- Total Number of Workers per Report
- Total Labor Units per Report



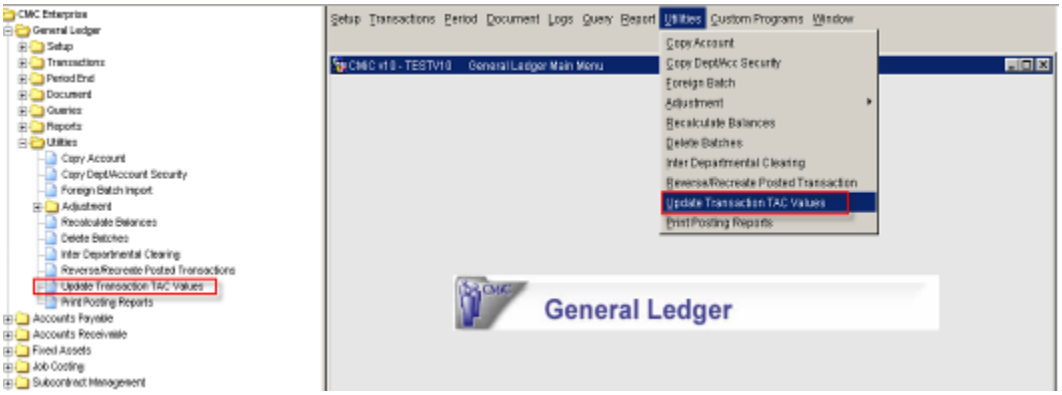
Invitation to Bid – Flags Added to Distribution List View (12.69028)



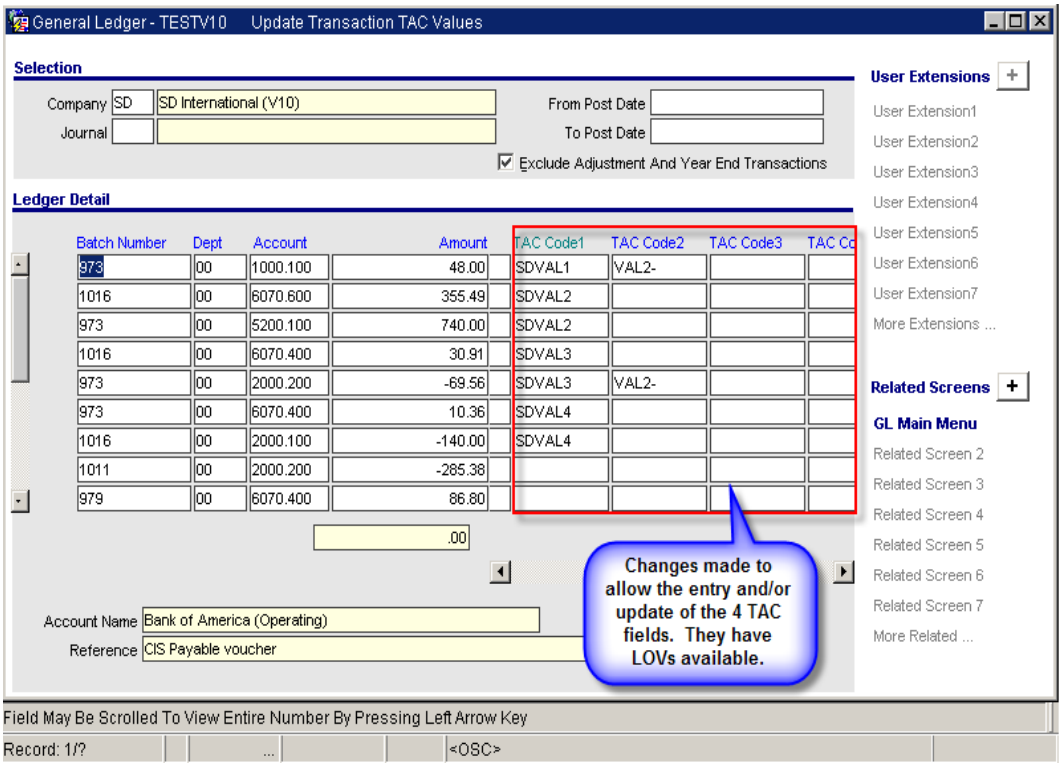
Addition of the values for 'Accept', 'Decline' and 'Send' flags to the FLPM4400_V1 – Distribution List form letter view.

General Ledger

Update TAC Values Utility (10.47024)



Added a new utility program to the **GL > Utilities** menu: '**Update Transaction TAC Values**'.



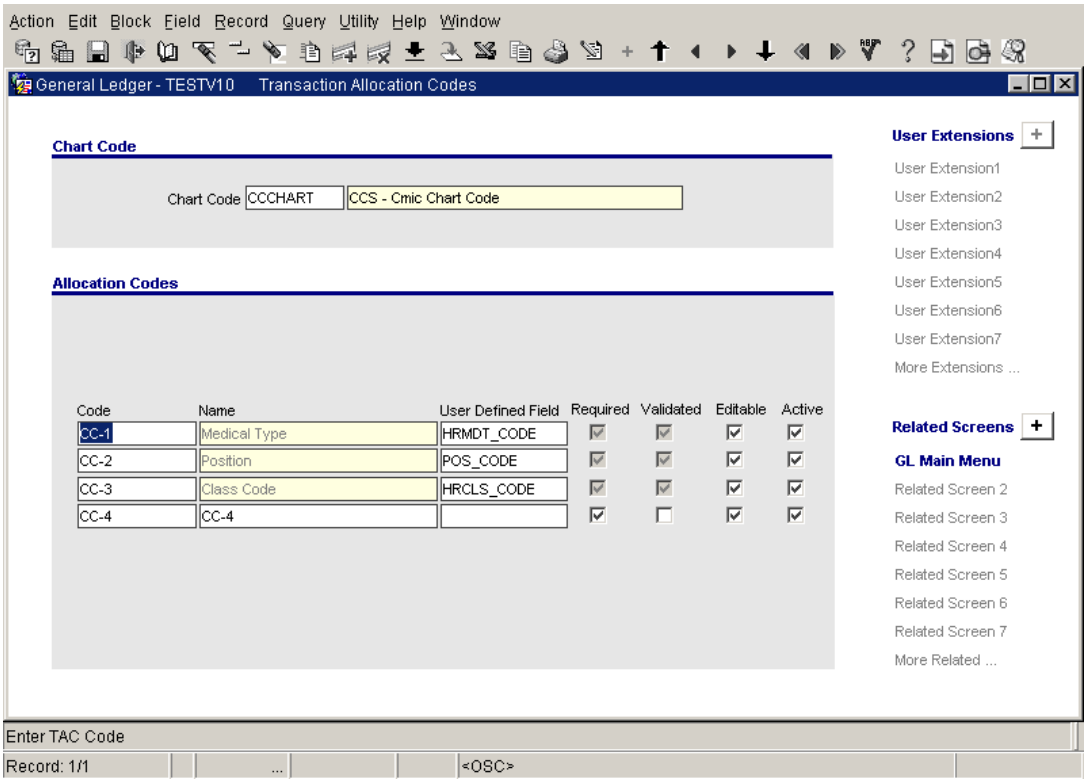
This program allows the entry and/or update of any of the 4 available GL TAC code values as long as the TAC code has been defined for the Consolidation Chart of the company. The program does not require that the Company be set to 'Use TAC Codes'.

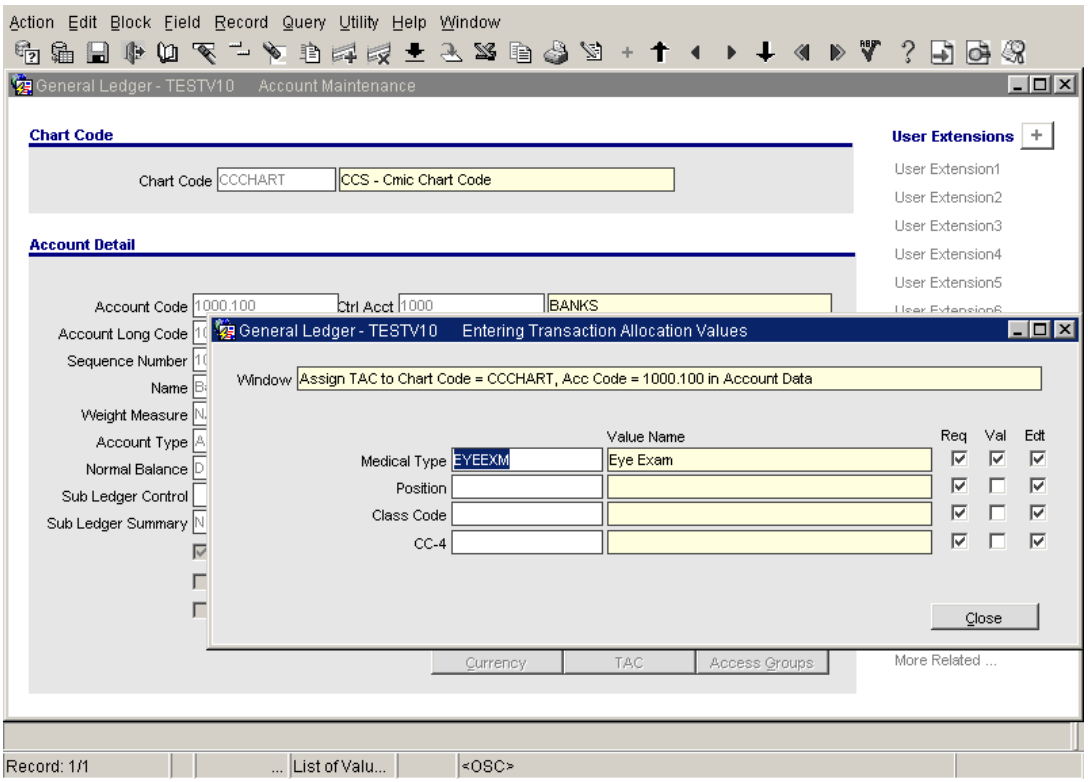
The 4 GL TAC columns also have LOV's available.

Account Maintenance – TAC flags editable (11.55621)

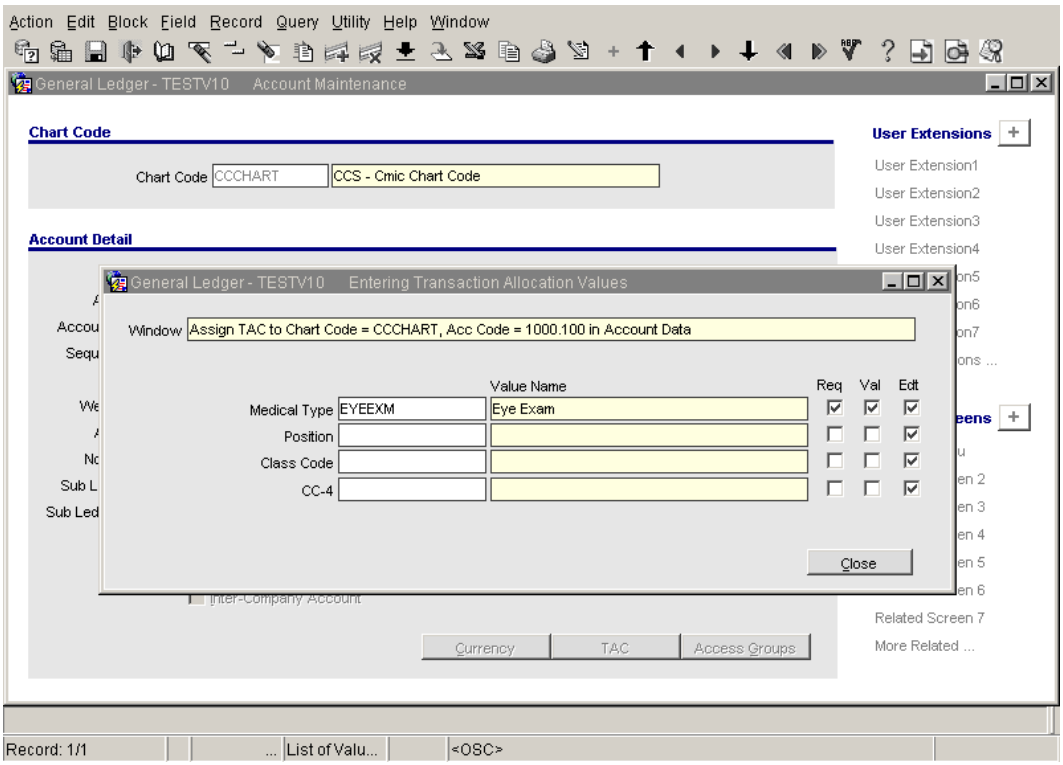
The current functionality of TAC Codes with user defined field values have the flag values 'Required' and 'Validated' defaulted from the UDF maintenance screen and are not editable. In Account Maintenance, against specific GL Accounts the TAC values are defaulted and the above mentioned flags are not editable.

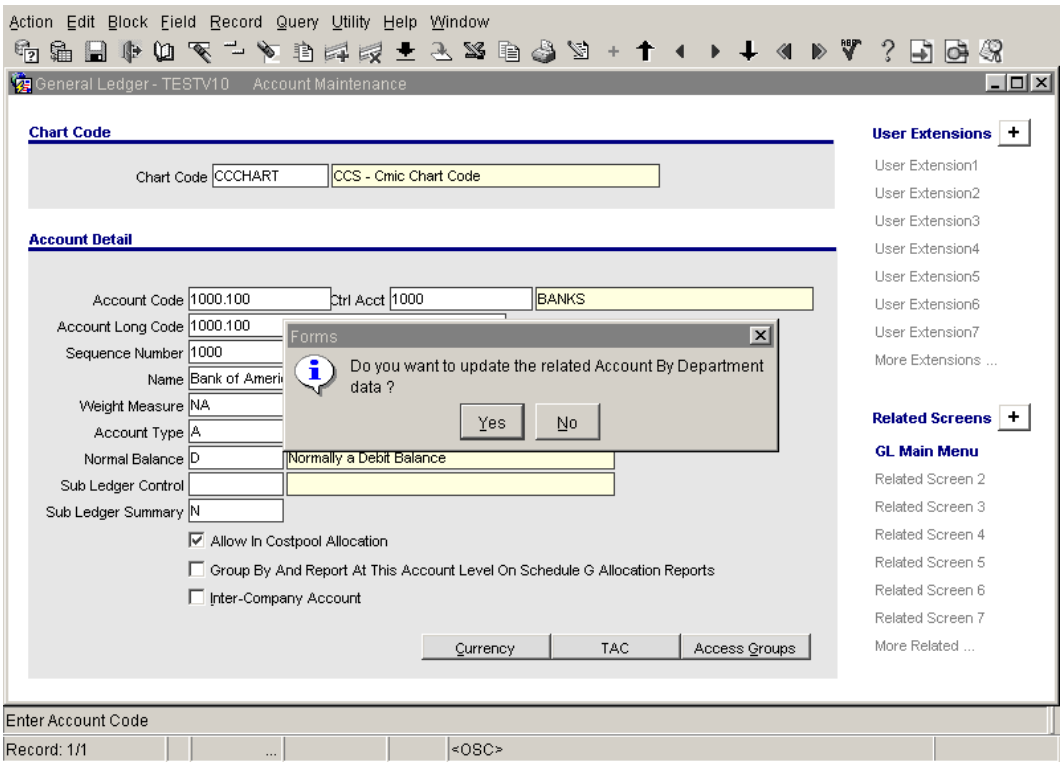
With this enhancement, the flags are editable and now users have the ability to set the values as desired against specific GL Accounts. During the Transaction Entry these values will be read and validated accordingly.





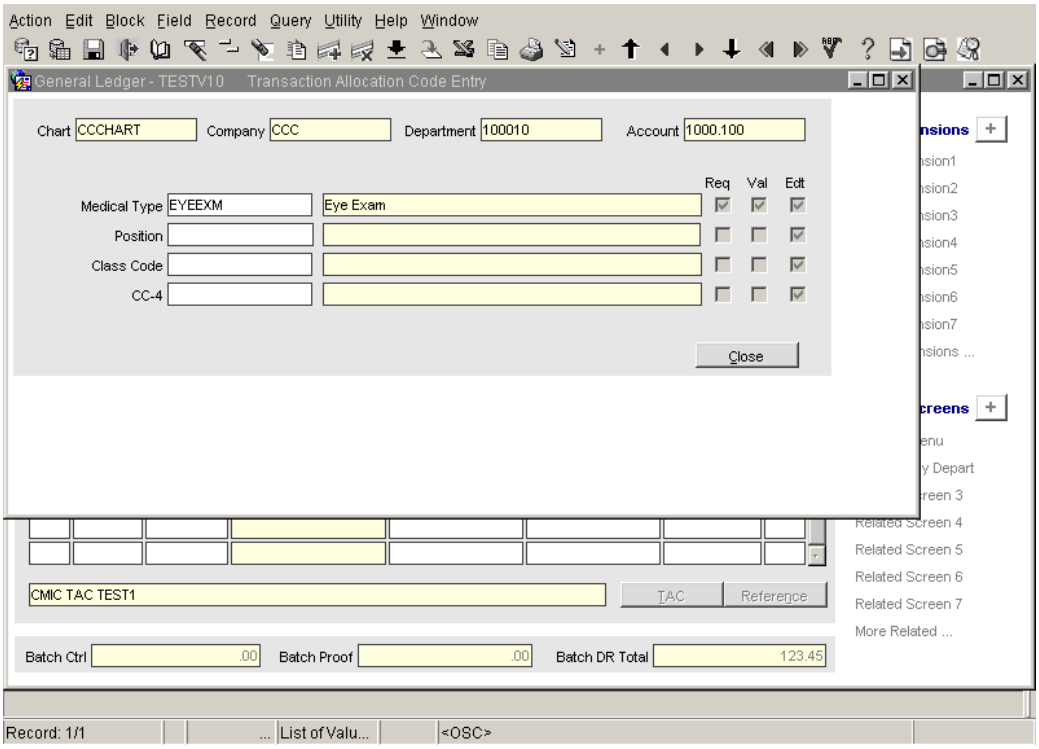
The Account Maintenance screen ‘TAC’ popup shows that the ‘Required’ and ‘Validated’ flags are now editable along with ‘Edit’ filed as well. Overriding these values at account level prompts a confirmation to update the Account by Department as well.

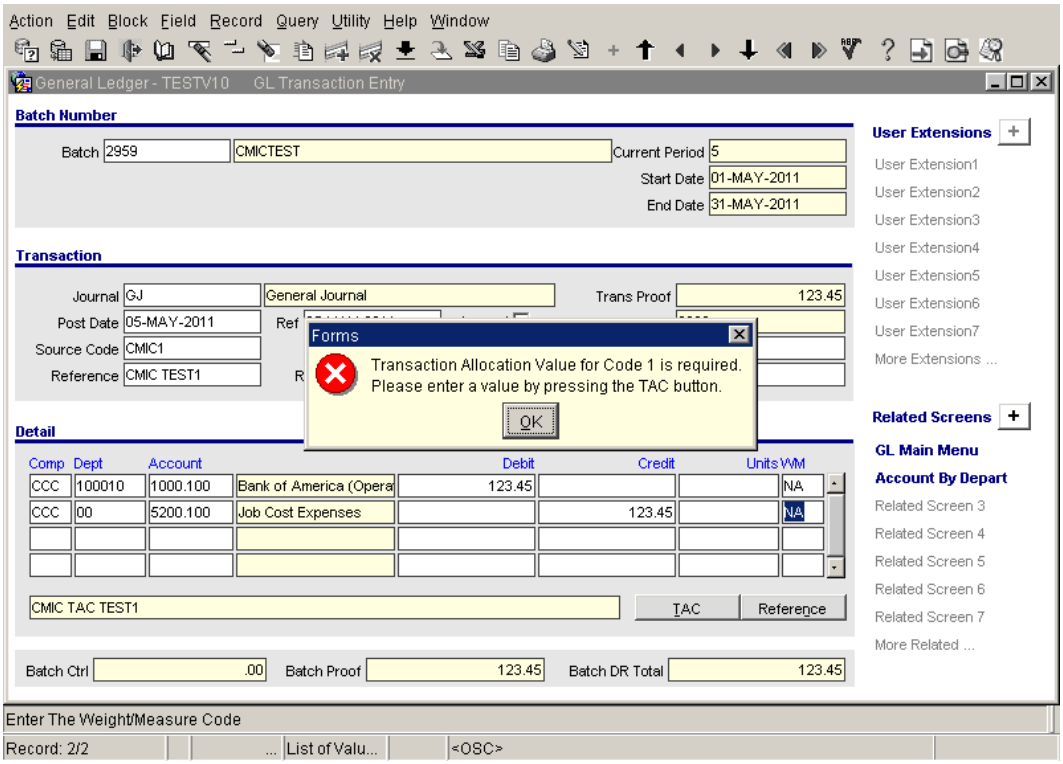


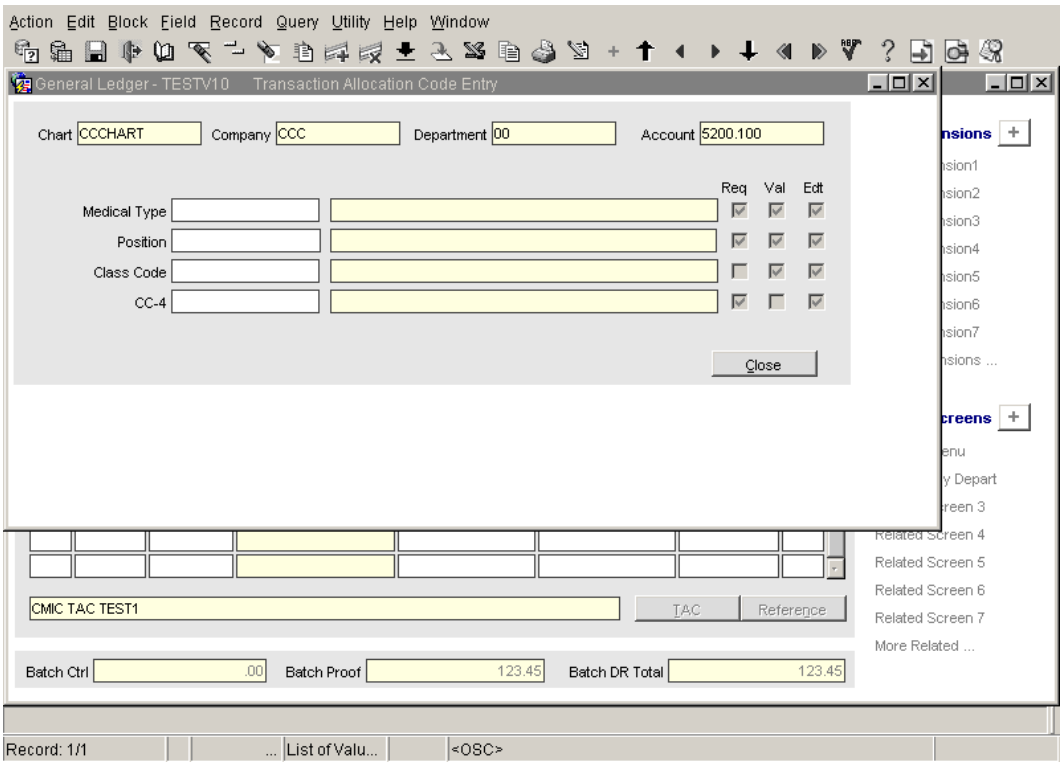


During Transaction Entry the ‘TAC’ validation reads the values, first from ‘Account By Department setup’ if available, otherwise from ‘Account Maintenance’ level.

The following Example shows during Transaction Entry, the First line which has the GL account 1000.100 against which the TAC flag values were overridden are read correctly. Whereas the second transaction line has a different account, which simply defaults the values as maintained at TAC maintenance screen and hence the message pops up accordingly.


Action Edit Block Field Record Query Utility Help Window
General Ledger - TESTV10 Transaction Allocation Code Entry
Chart CCCHART Company CCC Department 100010 Account 1000.100
Req Val Edt
Medical Type EYEEXM Eye Exam
Position
Class Code
CC-4
Close
CMIC TAC TEST1
TAC Reference
Batch Ctrl .00 Batch Proof .00 Batch DR Total 123.45
Related Screen 4
Related Screen 5
Related Screen 6
Related Screen 7
More Related ...
Record: 1/1
List of Valu...
<OSC>


Action Edit Block Field Record Query Utility Help Window
General Ledger - TESTV10 GL Transaction Entry
Batch Number
Batch 2959 CMICTEST Current Period 5
Start Date 01-MAY-2011
End Date 31-MAY-2011
Transaction
Journal GJ General Journal Trans Proof 123.45
Post Date 05-MAY-2011
Source Code CMIC1
Reference CMIC TEST1
Forms
Transaction Allocation Value for Code 1 is required.
Please enter a value by pressing the TAC button.
OK
Detail
Comp Dept Account Debit Credit Units VM
CCC 100010 1000.100 Bank of America (Opera 123.45 NA
CCC 00 5200.100 Job Cost Expenses 123.45 NA
CMIC TAC TEST1
TAC Reference
Batch Ctrl .00 Batch Proof 123.45 Batch DR Total 123.45
User Extensions
User Extension1
User Extension2
User Extension3
User Extension4
User Extension5
User Extension6
User Extension7
More Extensions ...
Related Screens
GL Main Menu
Account By Depart
Related Screen 3
Related Screen 4
Related Screen 5
Related Screen 6
Related Screen 7
More Related ...
Enter The Weight/Measure Code
Record: 2/2
List of Valu...
<OSC>

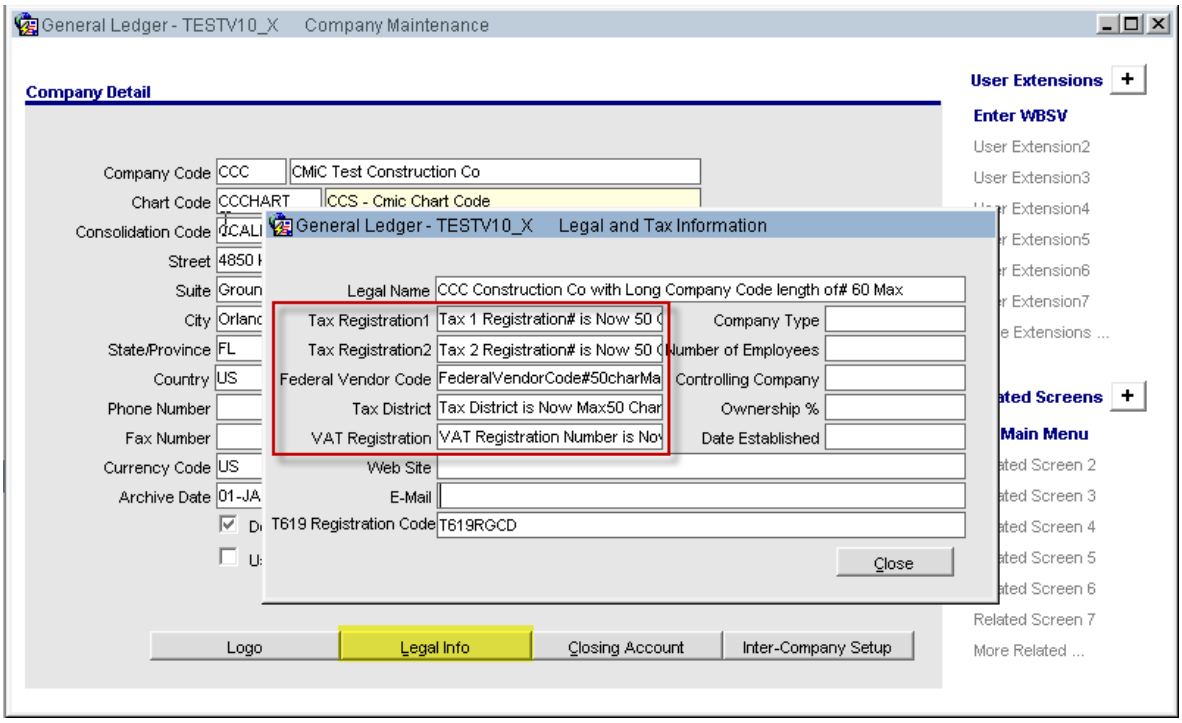


Company 'Legal Info' column size increase (13.84735)

The Company Legal Info column size is increased to 50 characters maximum for the following fields as highlighted in the screen below.

NOTE:

If using Accounts Payable EFT functionality, then the Tax Registration 2 field should be the Originator ID as defined by the bank. Users that are using AP EFT functionality must NOT use this Tax Registration 2 field to fill up any tax code.



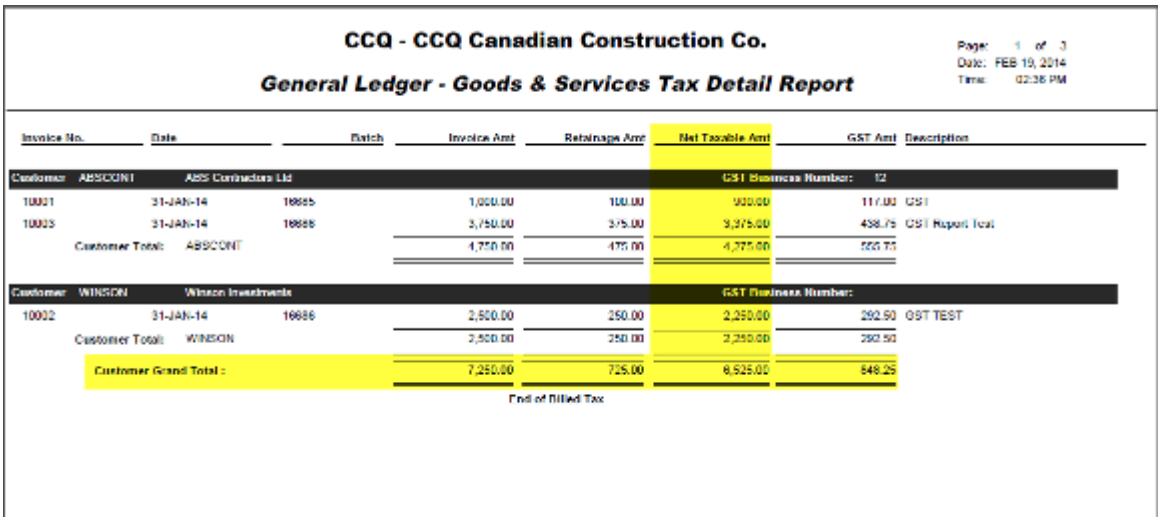
GST Report Modifications (13.82142)

To modify the GST Report (GL950.rep) to implement the following changes:

8. Add a new column "Net Taxable Amount". Formula for this column is (Invoice Amount - Retainage Amount). This new column will be added between Retainage and GST amount columns.

9. Add a Grand Total row for the following columns "Invoice Amount" , "Retainage Amount" , "Net Taxable Amount" and "GST Amount".

Modifications



CCQ - CCQ Canadian Construction Co.

General Ledger - Goods & Services Tax Detail Report

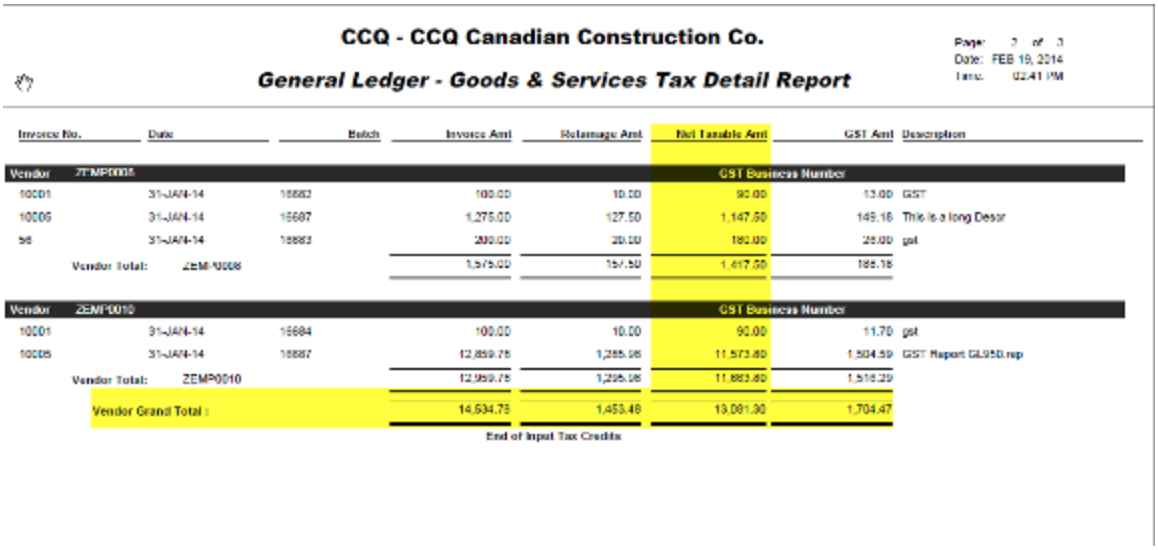
Page: 1 of 3
Date: FEB 19, 2014
Time: 02:36 PM

Invoice No.	Date	Batch	Invoice Amt	Retainage Amt	Net Taxable Amt	GST Amt	Description
Customer ABSCONT	ABS Contractors Ltd				GST Business Number: 12		
10001	31-JAN-14	16885	1,000.00	100.00	900.00	117.00	GST
10003	31-JAN-14	16886	3,750.00	375.00	3,375.00	438.75	GST Report Test
Customer Total: ABSCONT			4,750.00	475.00	4,275.00	555.75	
Customer WINSON	Winson Investments				GST Business Number:		
10002	31-JAN-14	16886	2,500.00	250.00	2,250.00	292.50	GST TEST
Customer Total: WINSON			2,500.00	250.00	2,250.00	292.50	
Customer Grand Total :			7,250.00	725.00	6,525.00	848.25	

End of Billed Tax

GL > Reports > GST Report (GL950.rep)

The GST Report is modified with an additional column for Net Taxable Amount as shown above. The value is calculated as Invoice Amount less Retainage Amount. At the end of each section of the report (Customer / Vendor) there is a Grand Total line added as well. There is no other change to the report details or summary at the end of the report.



CCQ - CCQ Canadian Construction Co.

General Ledger - Goods & Services Tax Detail Report

Page: 2 of 3
Date: FEB 19, 2014
Time: 02:41 PM

Invoice No.	Date	Batch	Invoice Amt	Retainage Amt	Net Taxable Amt	GST Amt	Description
Vendor ZEMP0008					GST Business Number		
10001	31-JAN-14	16882	100.00	10.00	90.00	13.00	GST
10006	31-JAN-14	16887	1,275.00	127.50	1,147.50	148.18	This is a long Descr
56	31-JAN-14	16883	200.00	20.00	180.00	26.00	gst
Vendor Total: ZEMP0008			1,575.00	157.50	1,417.50	186.18	
Vendor ZEMP0010					GST Business Number		
10001	31-JAN-14	16884	100.00	10.00	90.00	11.70	gst
10005	31-JAN-14	16887	12,859.78	1,285.98	11,573.80	1,504.59	GST Report GL950.rep
Vendor Total: ZEMP0010			12,959.78	1,295.98	11,663.80	1,516.29	
Vendor Grand Total :			14,534.78	1,453.48	13,081.30	1,702.47	

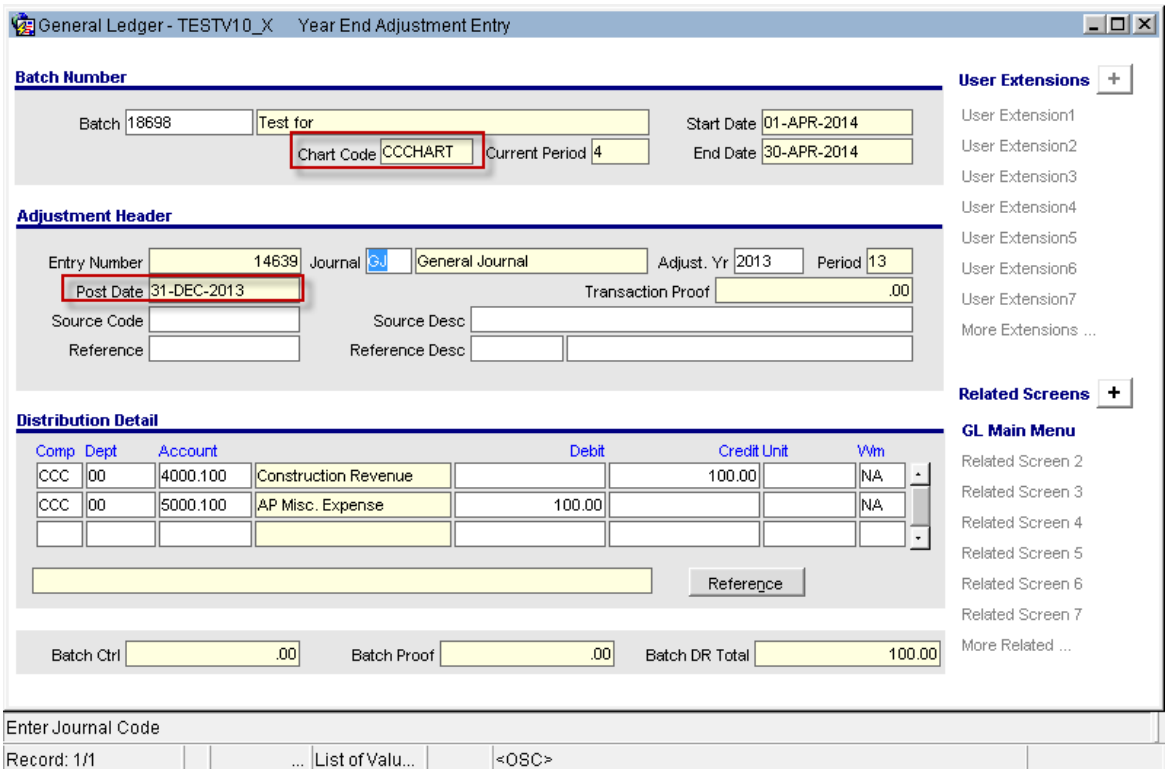
End of Input Tax Credits

Year End Adjustment Entry - Changes to 'Post Date' field (14.89094)

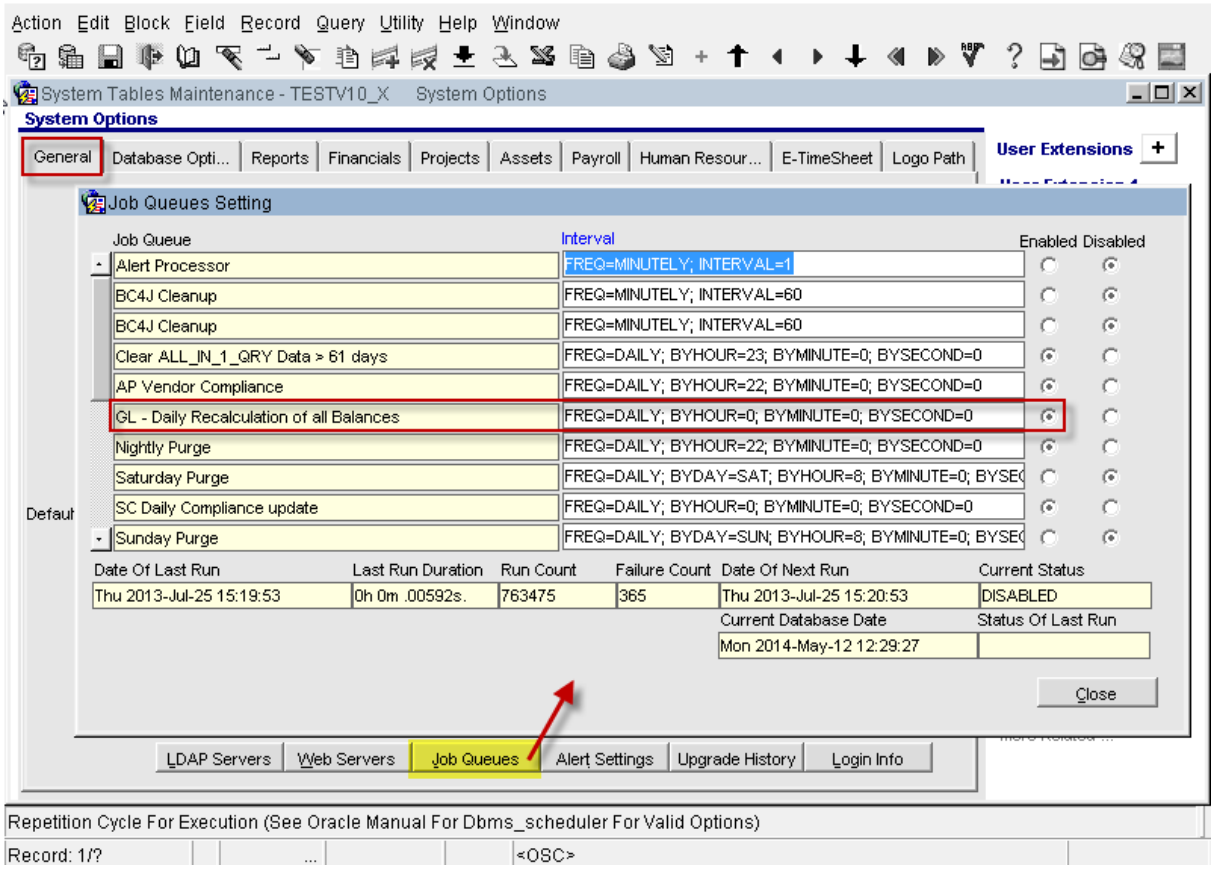
The Year End Adjustment entry form (adjent.fmx) is modified to make the post date field 'display only' and auto populate the same, when users enter a Company Code in the distribution. The Chart Code is determined from the Company Code used in the distribution line and the post date is determined from the period table for the Chart Code and the 'Adjustment Year' combination. This Chart Code is displayed in a new field added to the header block for user's reference/verification.

This modification prevents users from entering an incorrect post date that may belong to another fiscal year than the 'Adjustment Year'.

Also note that existing validations that transactions may NOT be entered for companies that do NOT share the same Chart Code in the same adjustment entry batch.



GL Balances Recalculation - Database Scheduled Job (14.89079)

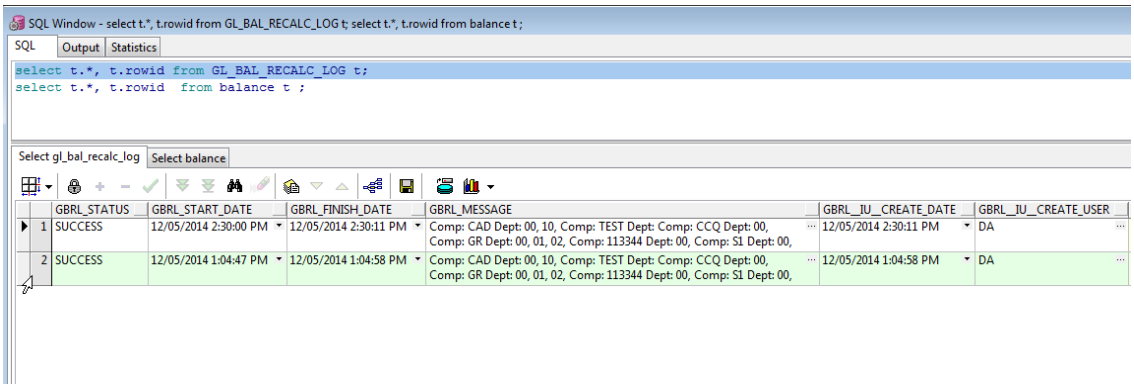


To create a 'database scheduled job' to run the recalculation of GL balances for all companies. The Recalculate Balances Utility in GL application is a manually triggered operation and can be run for only one company at a time. To make this process an automated event, a database scheduled job is created for the purpose.

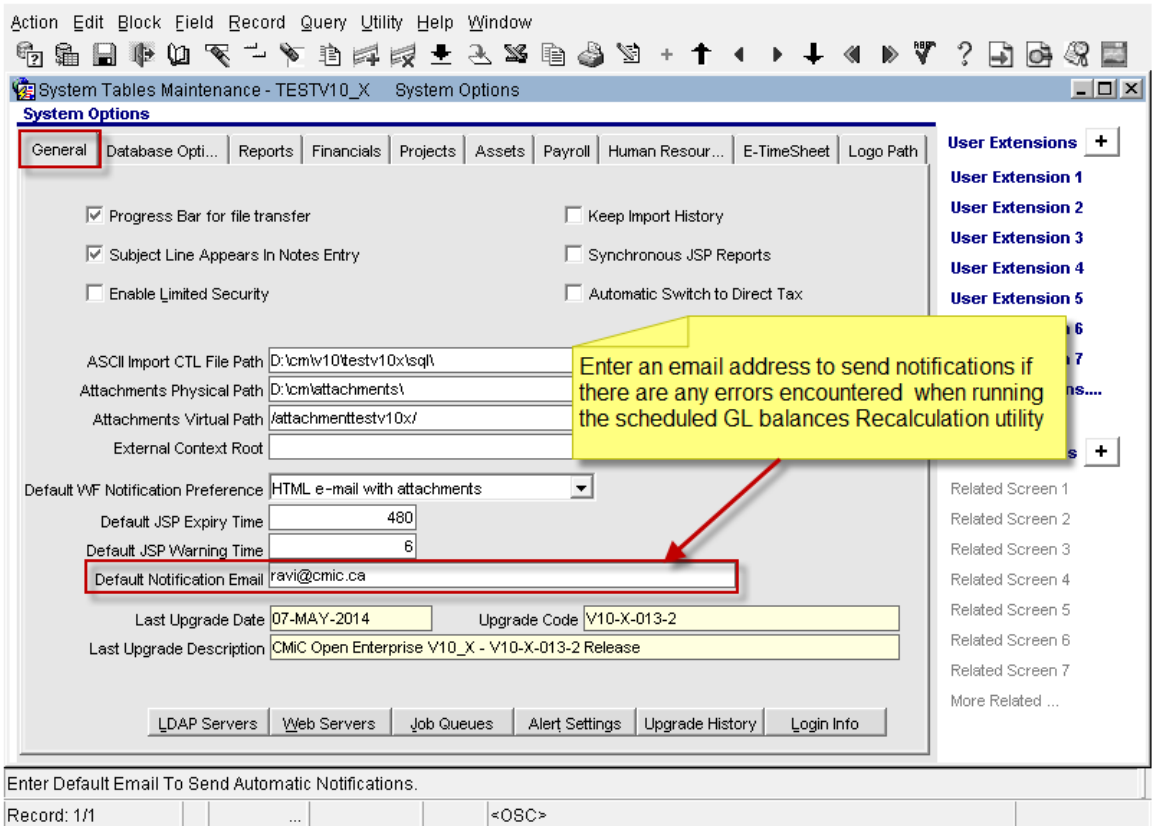
The job queues maintenance has an entry 'GL - Daily Recalculation of all Balances'. The default value is 'Enabled' and users may disable as required.

This database scheduled job, recalculates the balances for ALL companies in the system, for all the periods in the current fiscal year of each company.

The 'Fiscal Year/Period' from the company maintenance is taken into account, when determining the start and end of the current fiscal year from the period table.



Once the job is completed, the process is logged in to a table DA.GL_BAL_RECALC_LOG, with the status as either 'SUCCESS' or 'ERRORS' and a message column that would store the Company and department for which the recalculation of balances was performed.



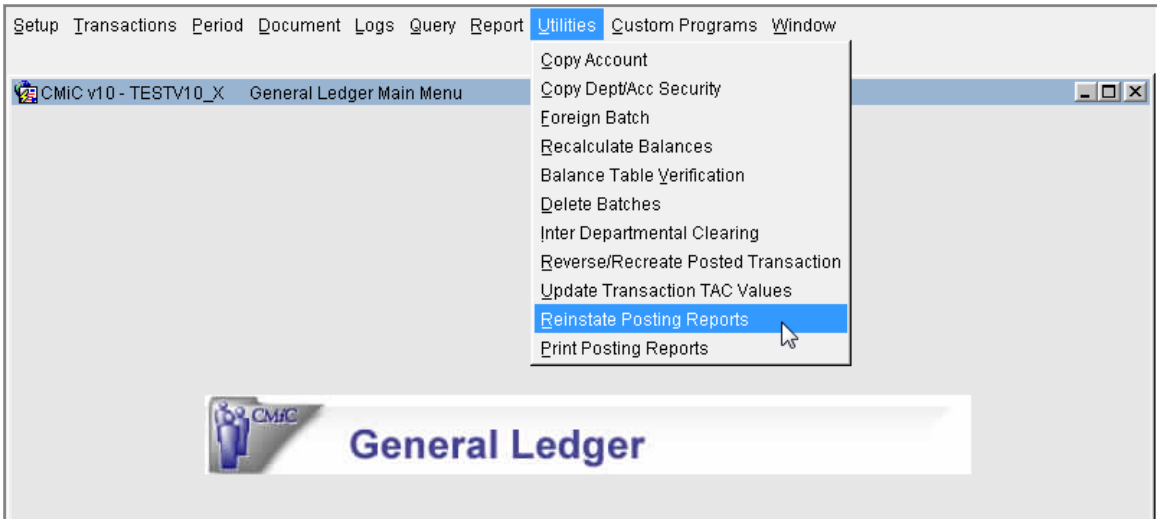
If any errors, an email will be sent to the address maintained in System options > General Tab > 'Default Notification Email' field, with the GBRL_MESSAGE details in the log table. Users may review the details for further action.

NOTE:

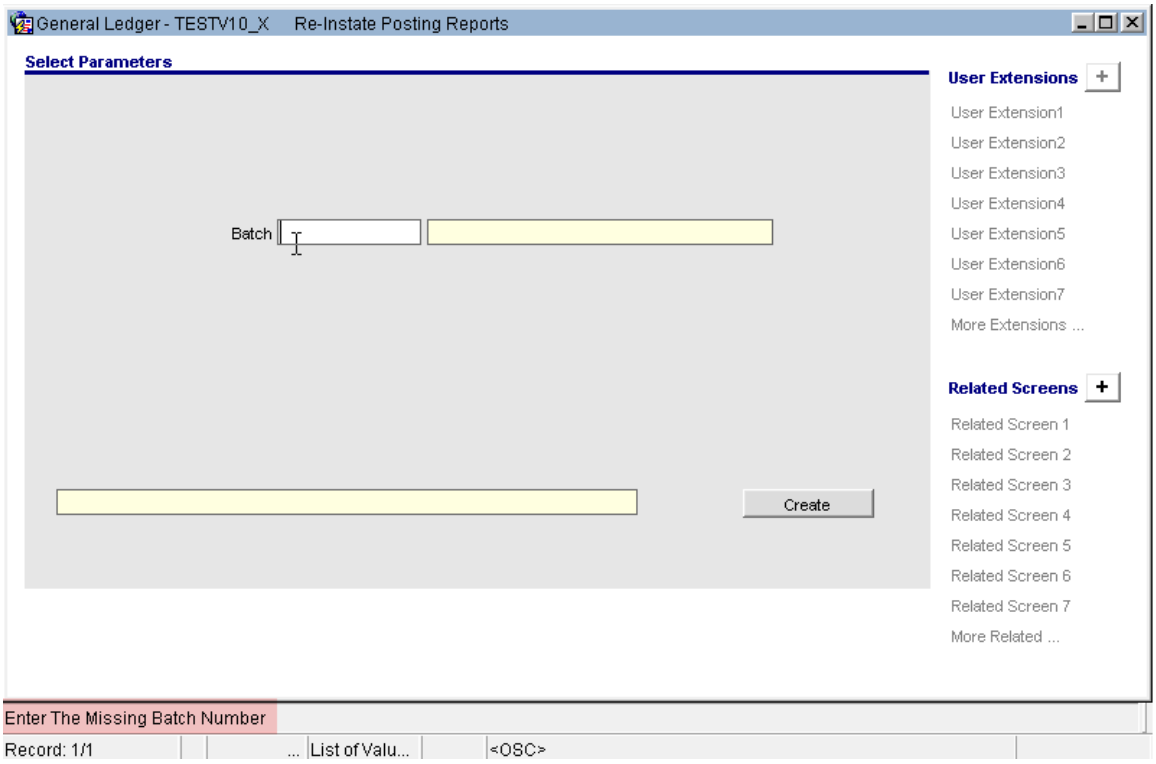
The GL Balances RECALCULATION JOB is run for all the companies. When there are large number of companies with many departments and large set of transaction data to process, the process may take longer to complete and/or PERFORMANCE may be affected.. Users must test the time required with a realistic dataset and adjust their scheduled frequency and start time accordingly.

Re-instate posting reports utility (14.90346)

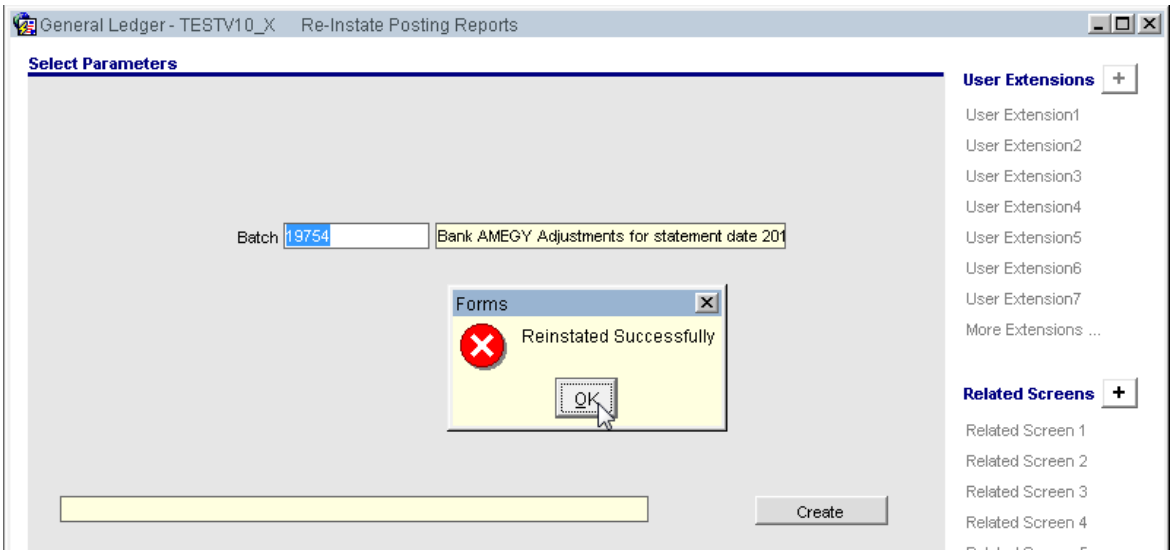
The GL Utilities has a new sub menu 'Re-instate Posting Reports' as shown below.



The General ledger > Utilities > Re-Instate Posting Reports

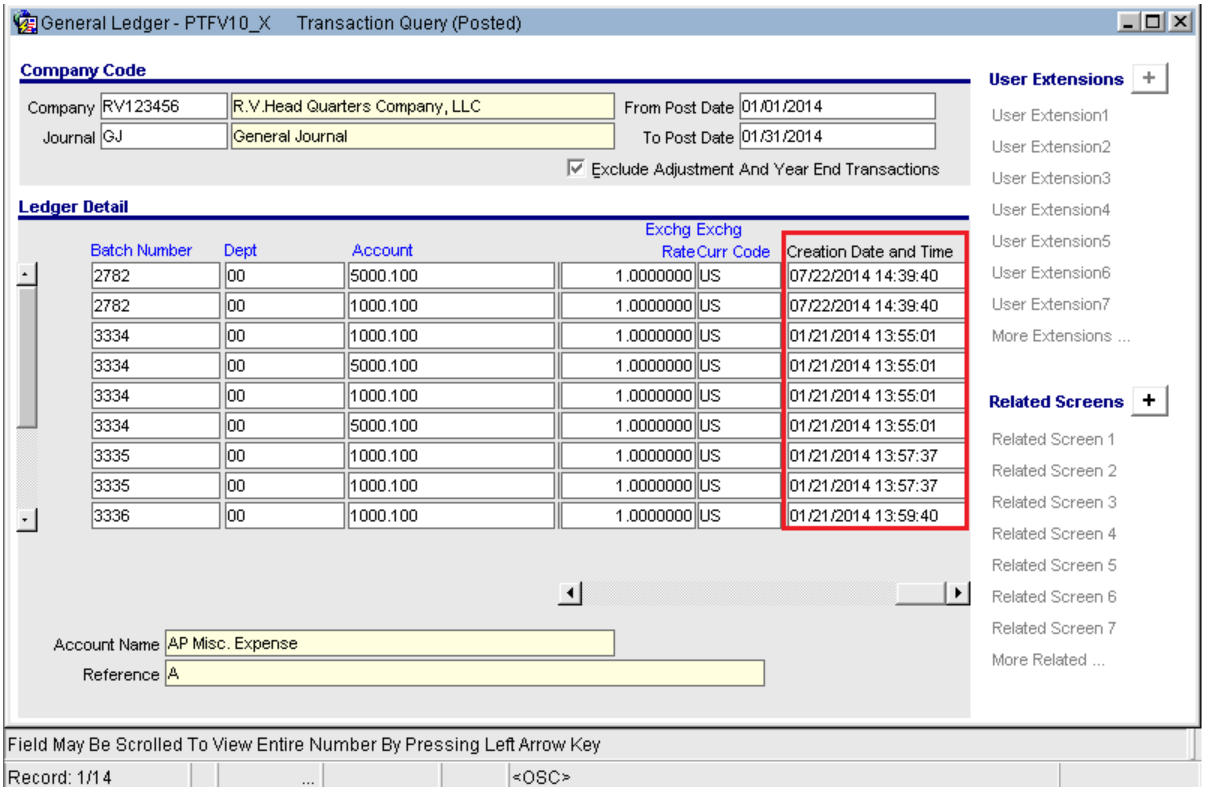


Users have to enter a batch number that may be missing or select from the available list. The LOV would list all the missing GL batches. If there is none, then there may not be any missing GL batches in the system.



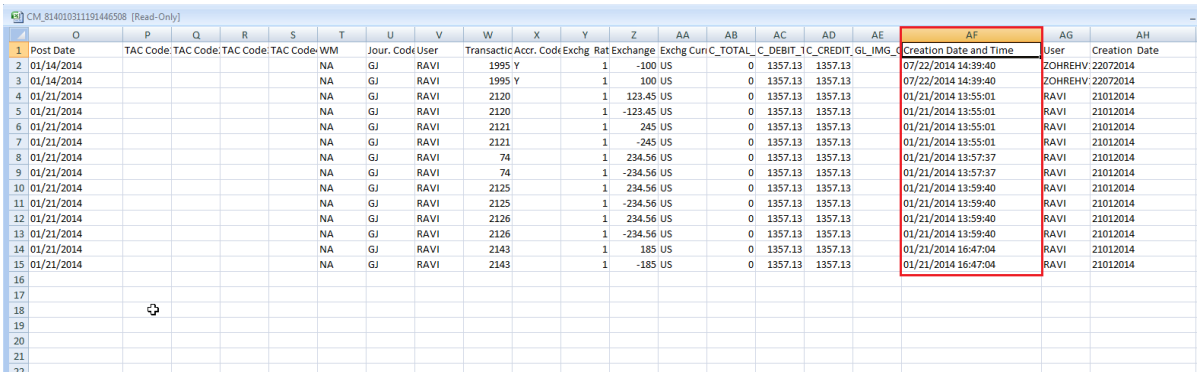
The message displays that the batch is re-instated and users may now reprint the reports using 'Reprint posting reports' utility.

GL Transaction Query – Create User/Date columns (14.95379)



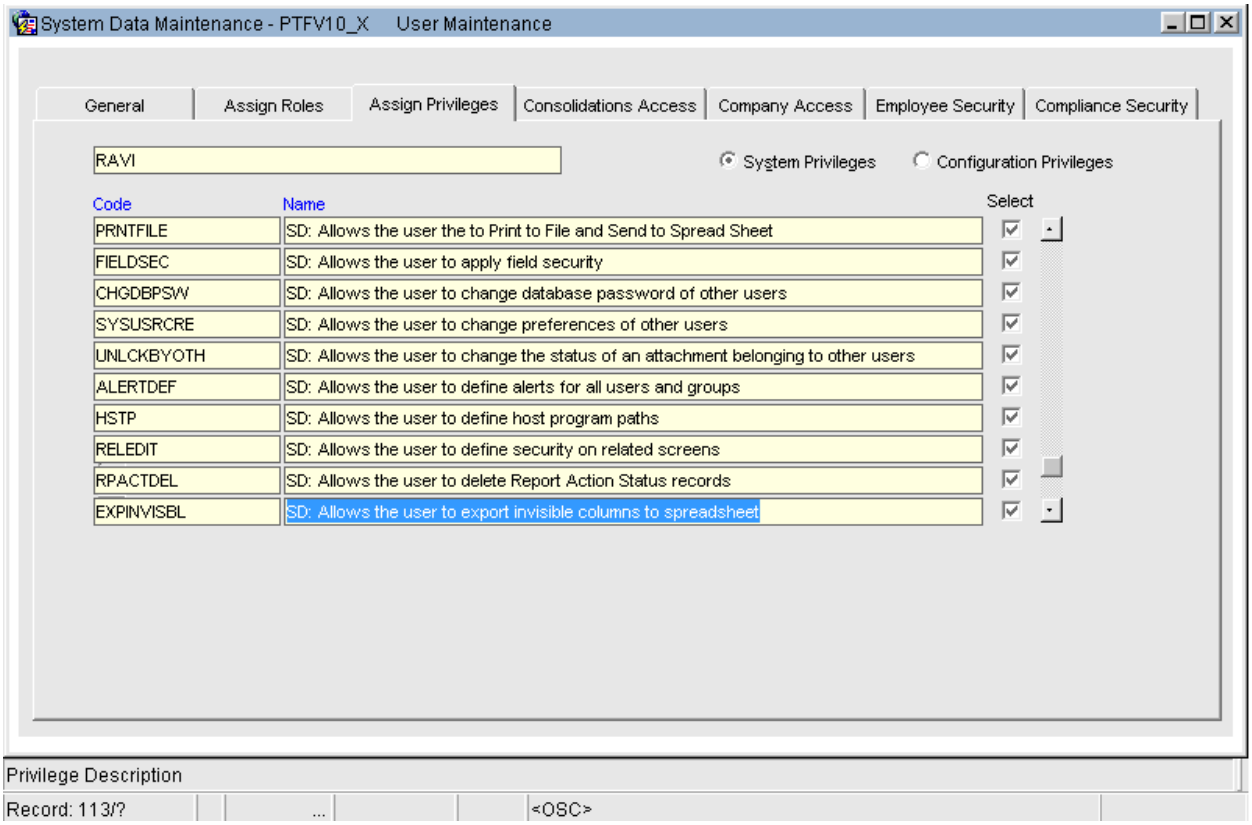
The GL Transaction Query Screen is modified with two additional column for ‘Create Date and Time’ and the ‘User’ that created the transactions. Also, the MS Excel Export from this screen is modified to export the query

results with these two new columns as well.



	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH
1	Post Date	TAC Code	TAC Code	TAC Code	TAC Code	WM	Jour. Code	User	Transactic	Accr. Code	Exchg Rat	Exchange	Exchg Curr	C_TOTAL_	C_DEBIT_1	C_CREDIT_	GL_IMG_C	Creation Date and Time	User	Creation Date
2	01/14/2014					NA	GJ	RAVI	1995	Y	1	-100	US	0	1357.13	1357.13		07/22/2014 14:39:40	ZOHREHV	22072014
3	01/14/2014					NA	GJ	RAVI	1995	Y	1	100	US	0	1357.13	1357.13		07/22/2014 14:39:40	ZOHREHV	22072014
4	01/21/2014					NA	GJ	RAVI	2120		1	123.45	US	0	1357.13	1357.13		01/21/2014 13:55:01	RAVI	21012014
5	01/21/2014					NA	GJ	RAVI	2120		1	-123.45	US	0	1357.13	1357.13		01/21/2014 13:55:01	RAVI	21012014
6	01/21/2014					NA	GJ	RAVI	2121		1	245	US	0	1357.13	1357.13		01/21/2014 13:55:01	RAVI	21012014
7	01/21/2014					NA	GJ	RAVI	2121		1	-245	US	0	1357.13	1357.13		01/21/2014 13:55:01	RAVI	21012014
8	01/21/2014					NA	GJ	RAVI	74		1	234.56	US	0	1357.13	1357.13		01/21/2014 13:57:37	RAVI	21012014
9	01/21/2014					NA	GJ	RAVI	74		1	-234.56	US	0	1357.13	1357.13		01/21/2014 13:57:37	RAVI	21012014
10	01/21/2014					NA	GJ	RAVI	2125		1	234.56	US	0	1357.13	1357.13		01/21/2014 13:59:40	RAVI	21012014
11	01/21/2014					NA	GJ	RAVI	2125		1	-234.56	US	0	1357.13	1357.13		01/21/2014 13:59:40	RAVI	21012014
12	01/21/2014					NA	GJ	RAVI	2126		1	234.56	US	0	1357.13	1357.13		01/21/2014 13:59:40	RAVI	21012014
13	01/21/2014					NA	GJ	RAVI	2126		1	-234.56	US	0	1357.13	1357.13		01/21/2014 13:59:40	RAVI	21012014
14	01/21/2014					NA	GJ	RAVI	2143		1	185	US	0	1357.13	1357.13		01/21/2014 16:47:04	RAVI	21012014
15	01/21/2014					NA	GJ	RAVI	2143		1	-185	US	0	1357.13	1357.13		01/21/2014 16:47:04	RAVI	21012014

Excel Export Security:



The export of columns that are NOT visible in the query form is secured by user privilege 'EXPINVISBL'. Users must ensure that the privilege is set as 'Y' in order to successfully export the newly added columns.

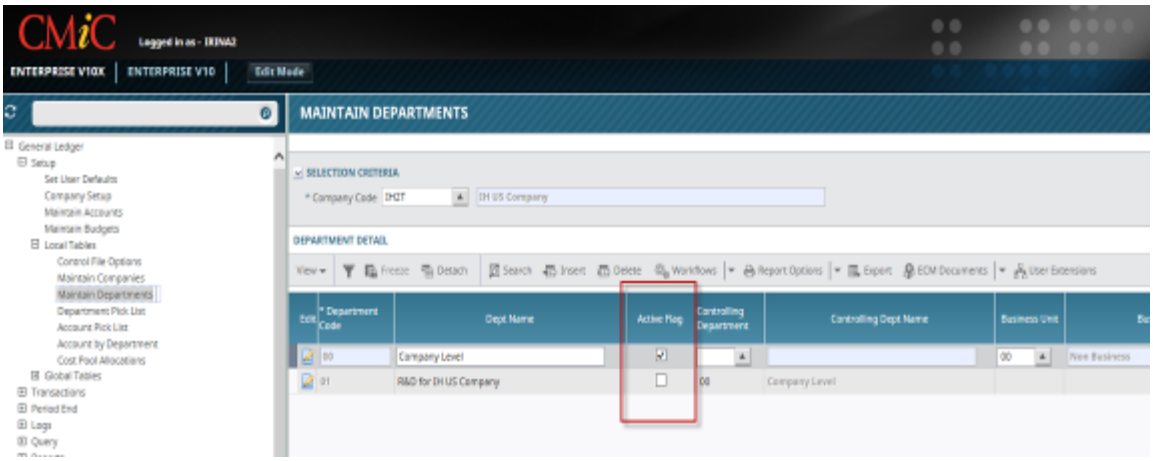
Ability to Deactivate a Department (16.14679)

In order to provide the new functionality of deactivating a department, CMiC has added a new flag "Active" to the Department Entry program. Also, a new user privilege "View Inactive Departments" has been added to the system. This new privilege is used in the database view DA.DEPT, so the standard validation routines would validate only active departments.

If the user has this new privilege, then he will be able to see both active and inactive department codes in department LOVs for all screens where department LOVs exist (the same way how the system worked before

incorporating these new changes). If the user does not have this privilege, then he will see only the active department codes in the department LOVs.

NOTE: The only exception from this rule is the Maintain Departments program (General Ledger -> Setup -> Local Tables -> Maintain Departments):

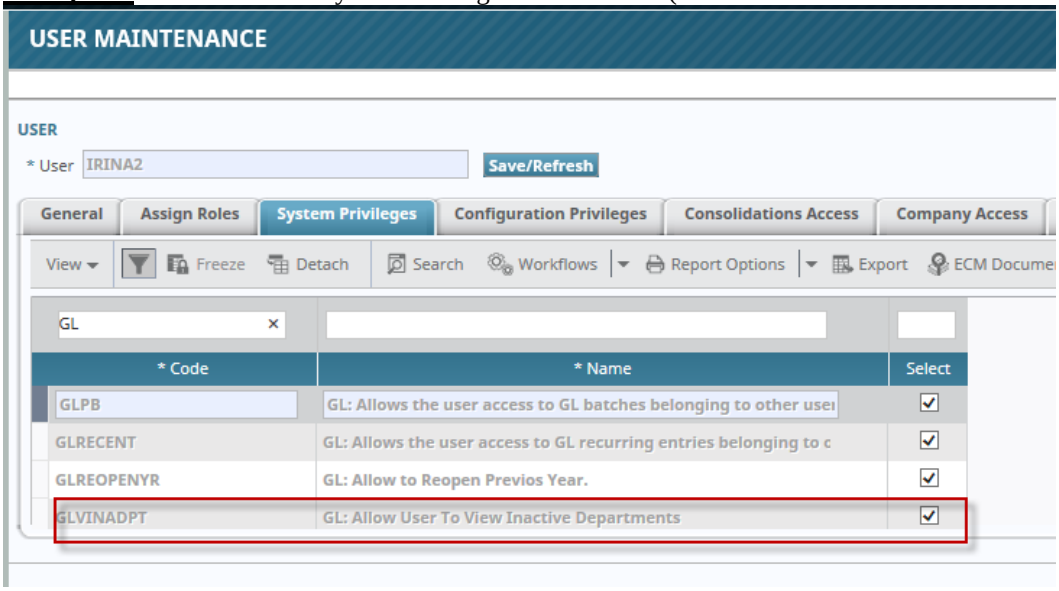


This program allows to change the status of a department by checking /unchecking the corresponding Active Flag; therefore, both active and inactive departments are visible for the users, *regardless* the user's privilege "View Inactive Department".

Settings and Examples

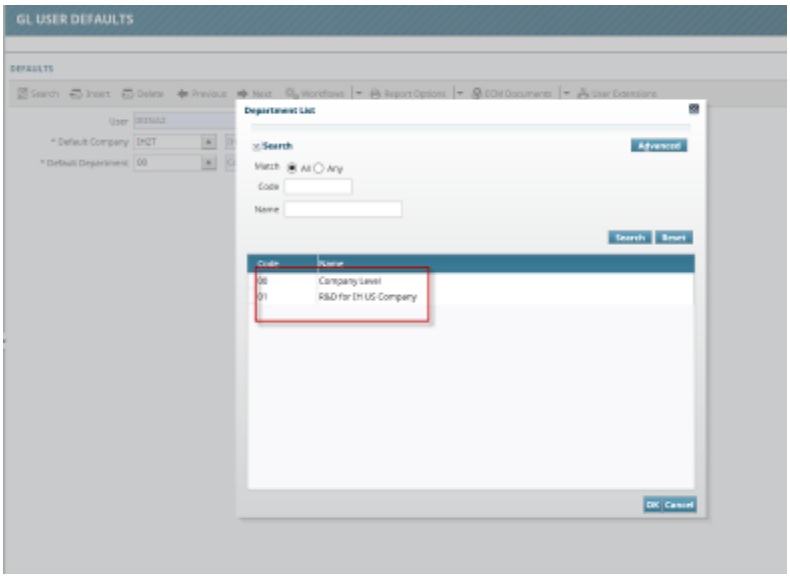
All examples below are using the settings above: there are only two department codes; the department code "00" is active and "01" is inactive.

Example 1: The user has the System Privilege GLVINADPT ("GL: Allow User To View Inactive Departments"):

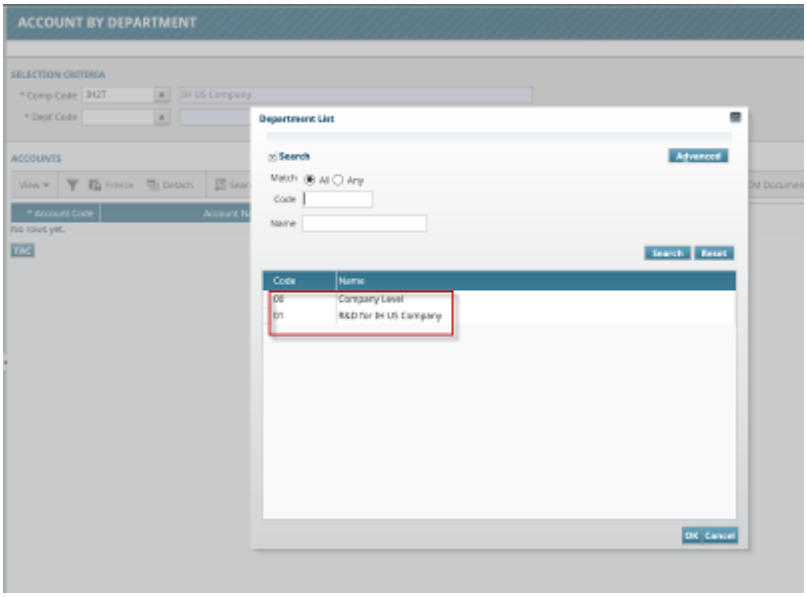


In this case the user should see both "00" and "01" codes in the department LOVs. A couple of screenshots below would demonstrate this functionality:

a. GL User Defaults screen (LOV for Default Department):

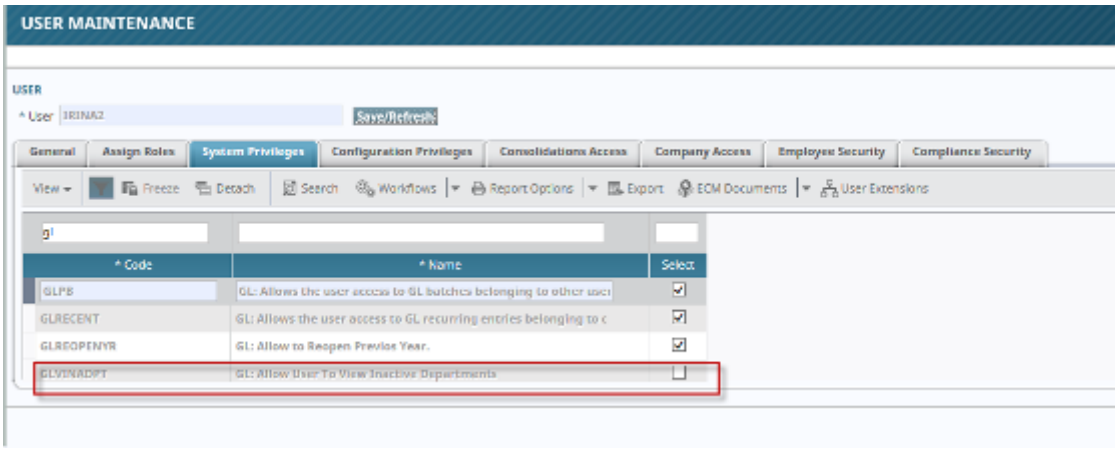


b. Account by Department screen (LOV for Dept Code):



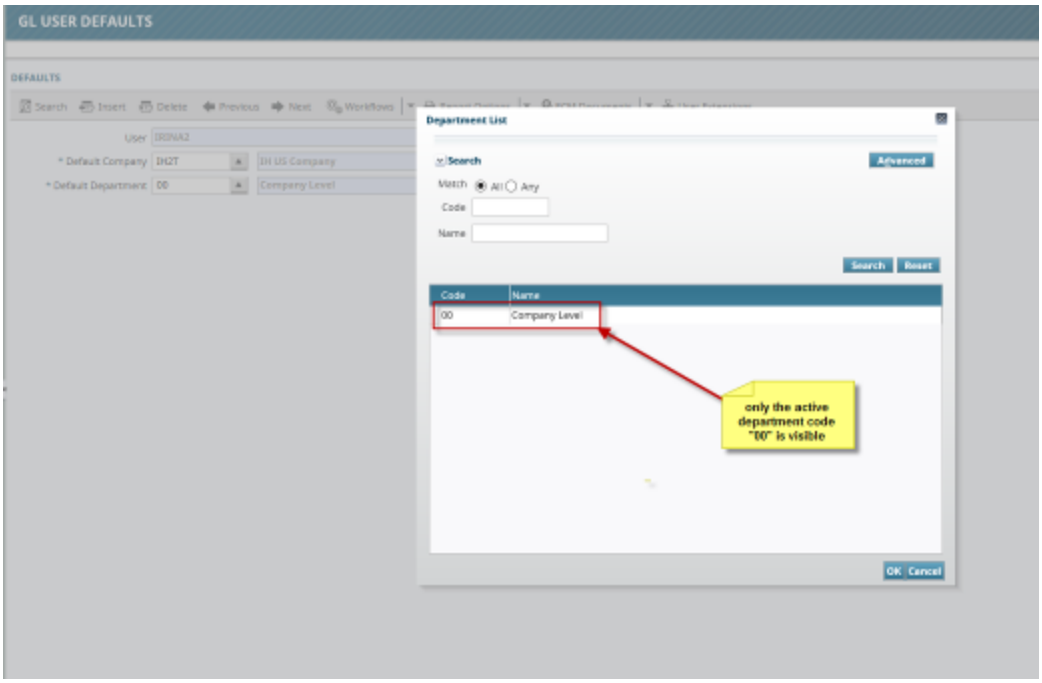
NOTE: The user will see the same Department List (both "00" and "01" codes) on all screens where department LOV exist.

Example 2: The user does not have the System Privilege GLVINADPT ("GL: Allow User To View Inactive Departments"):

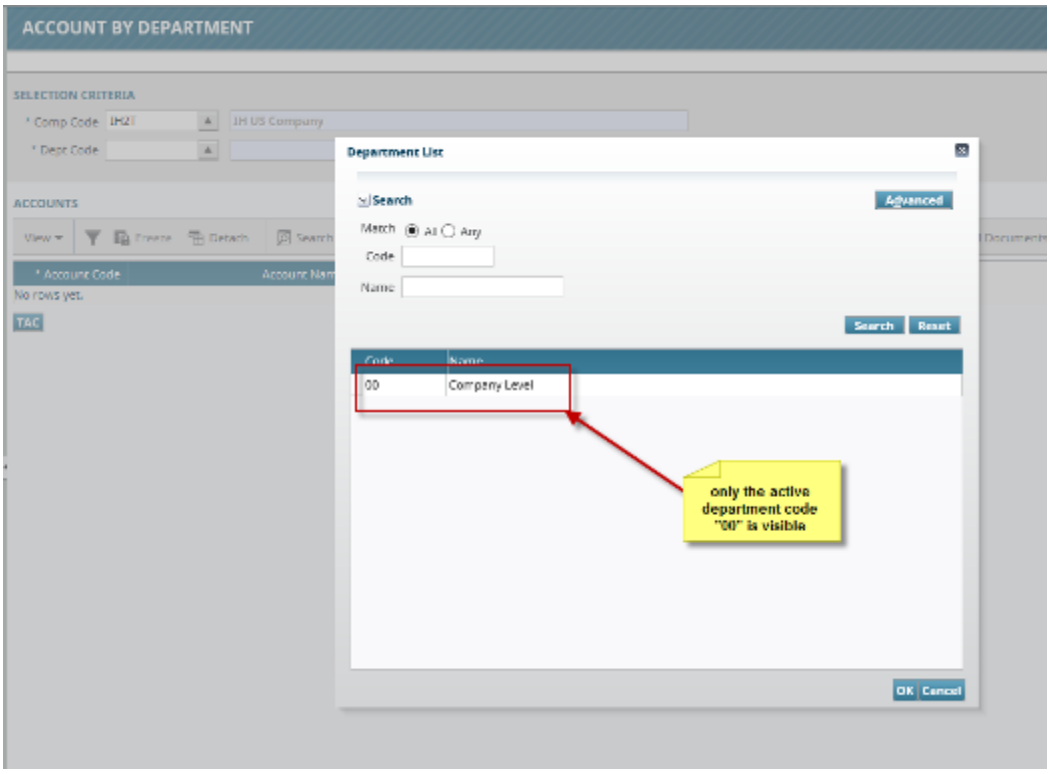


In this case the user should see only the department code “00” in the department LOVs. In order to demonstrate this, we would use the same screens as in the Example 1:

a. GL User Defaults screen (LOV for Default Department):



b. Aaccount by Department screen (LOV for Dept Code):



NOTE: The user will see the same Department List (only the “00” department code) on all screens where department LOV exist except “Maintain Departments” screen.

Summary

CMiC has introduced a new functionality: the ability to activating/deactivating a department. To implement it CMiC has added a new flag "Active" to the Department Entry program. The new user System Privilege "Allow Users To View Inactive Departments" has been added to the system. This new privilege is used in the database view DA.DEPT, so the standard validation routines validate only active departments.

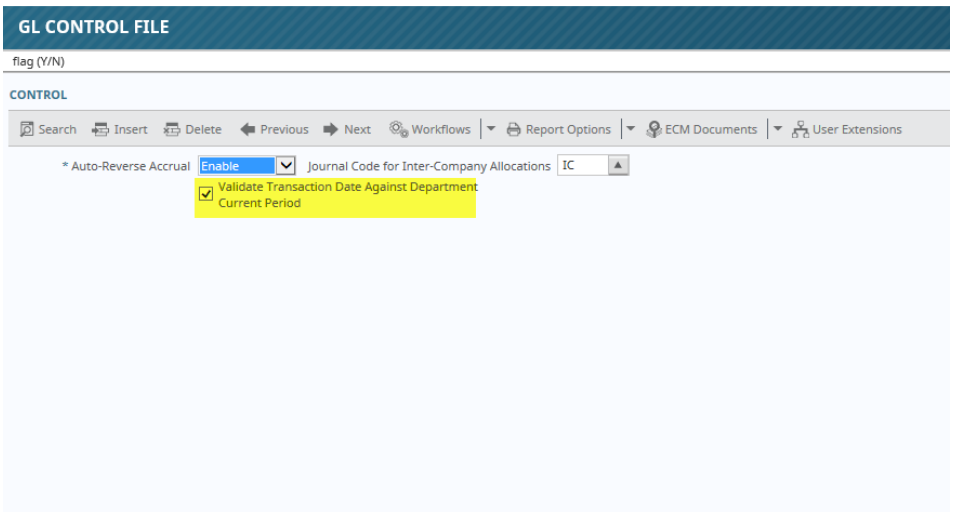
The users with this privilege are able to see *both active and inactive* department codes in the department LOVs for all screens where the department LOVs exist; the users without the privilege could see *only active department codes* in the department LOVs.

The GL Maintain Departments program screen is the only exception: both active and inactive department codes are visible for all users *regardless* their status of “Allow Users To View Inactive Departments” privilege.

New Flag added to Validate Transaction Date against Department Current Period (16.21503)

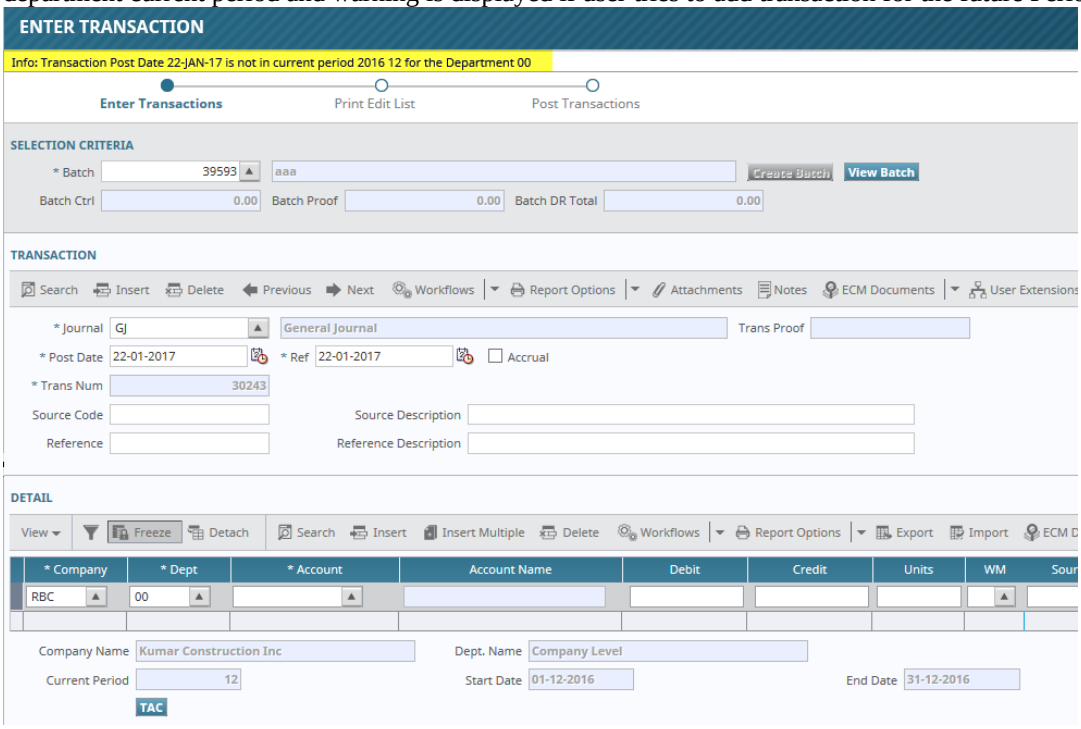
Overview:

CMiC has added new flag “glctrl_tran_date_dept_per_flag” read as “Validate Transaction Date Against Department Current Period in GL Control File Screen.



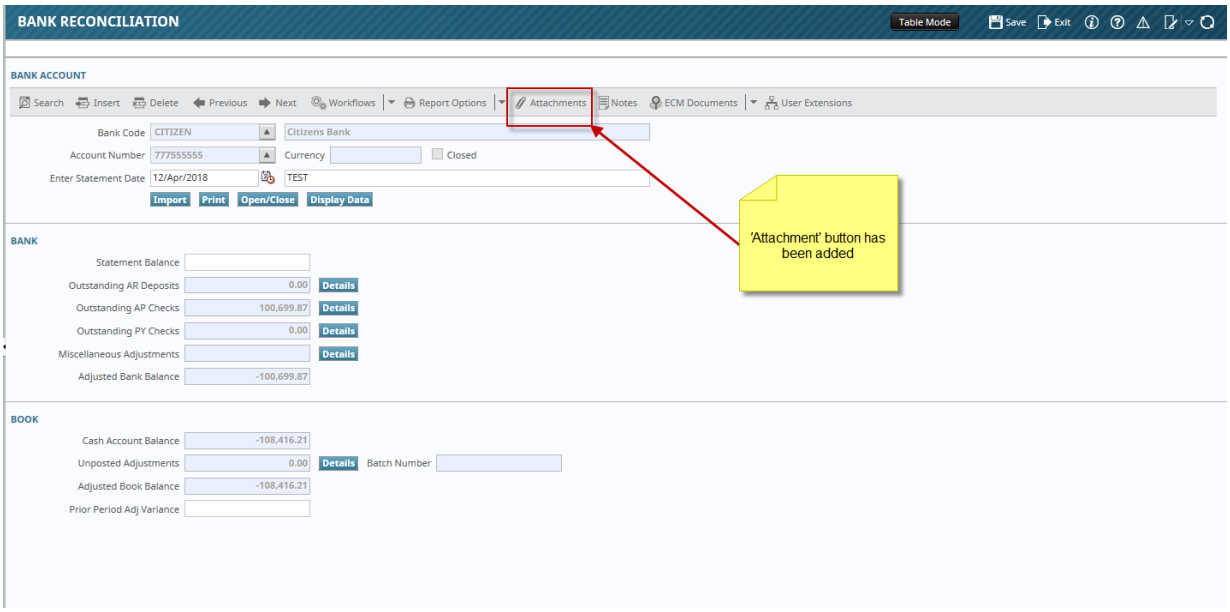
Functionality:

The default value of the Flag is set “OFF”. When flag is set as “Y” the GL transaction date is validated against the department current period and warning is displayed if user tries to add transaction for the future Period.



Adding Attachments in Bank Reconciliation program (17.46842)

CMIC has modified the GL Bank Reconciliation (GLBANKREC) program (General Ledger -> Utilities -> Bank Reconciliation) to add an 'Attachments' button.

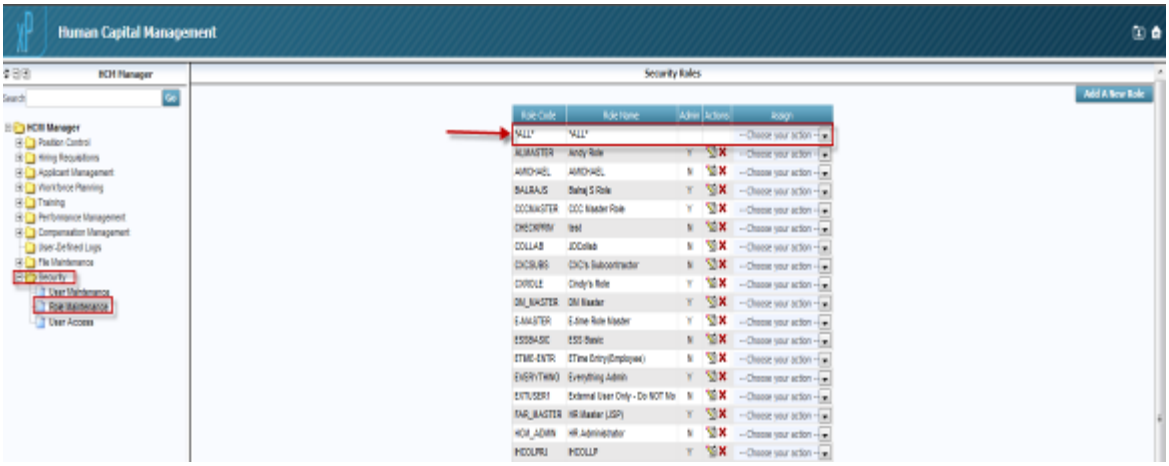

BANK RECONCILIATION
Table Mode
Save
Exit
BANK ACCOUNT
Search
Insert
Delete
Previous
Next
Workflows
Report Options
Attachments
Notes
ECM Documents
User Extensions
Bank Code
CITIZEN
Citizens Bank
Account Number
777555555
Currency
Closed
Enter Statement Date
12/Apr/2018
TEST
Import
Print
Open/Close
Display Data
'Attachment' button has been added
BANK
Statement Balance
Outstanding AR Deposits
0.00
Details
Outstanding AP Checks
100,699.87
Details
Outstanding PY Checks
0.00
Details
Miscellaneous Adjustments
Details
Adjusted Bank Balance
-100,699.87
BOOK
Cash Account Balance
-108,416.21
Unposted Adjustments
0.00
Details
Batch Number
Adjusted Book Balance
-108,416.21
Prior Period Adj Variance

Human Capital Management

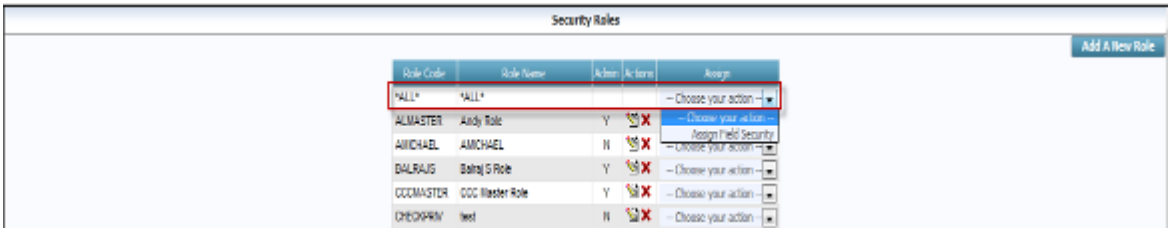
Addition of Field Security on the Applicant Self Service screen. (15.06987)

CMiC added a field security for Social Security Number, Gender, Area of Interest, and Ethnicity/Race on Applicant Self Service screen.

1. In order to setup field security for Applicant Self Service screen go to HCM module->Security->Role Maintenance screen.



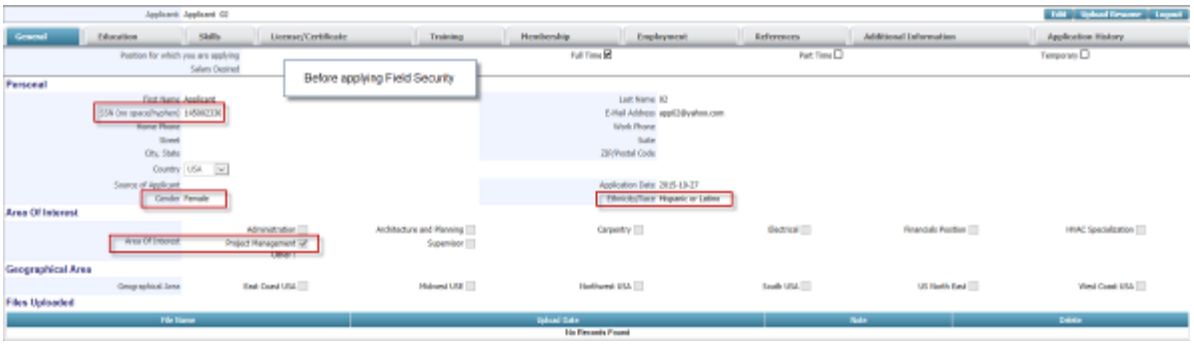
2. For the Self Service users the appropriate role is “ALL”. Select the “Assign Field Security “from the drop down menu against “ALL” Role.

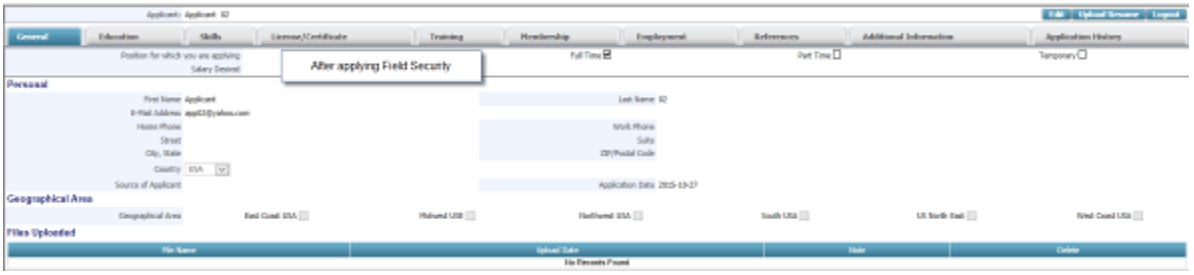


3. In the “Programs” field select “Applicant Self Service” and change the Security level on “Hidden” for both fields: SSN, Area of Interest, Ethnicity/Race, and Gender.

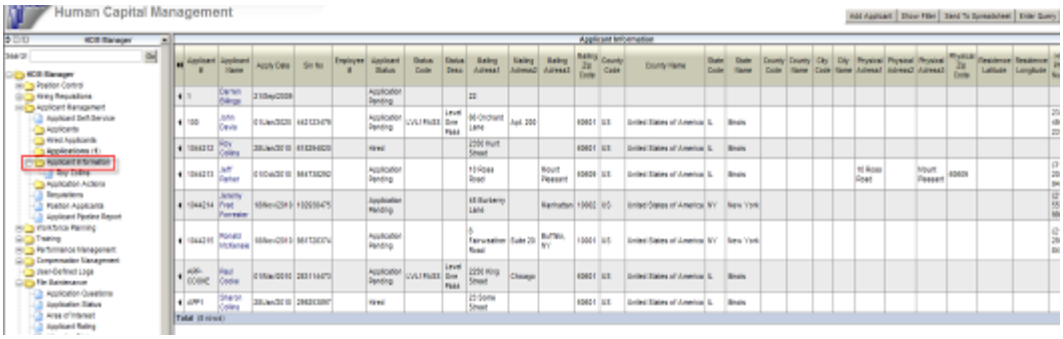


4. On the Applicant Self Service screen, all fields which are been setup as Hidder are not displayed.

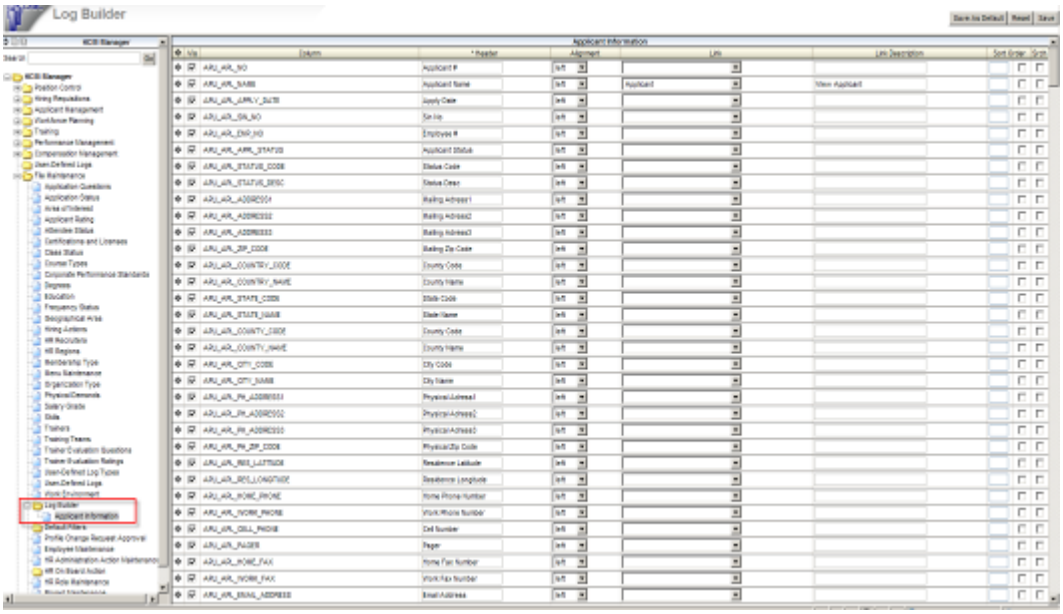




Applicant Information Log (10.46990)



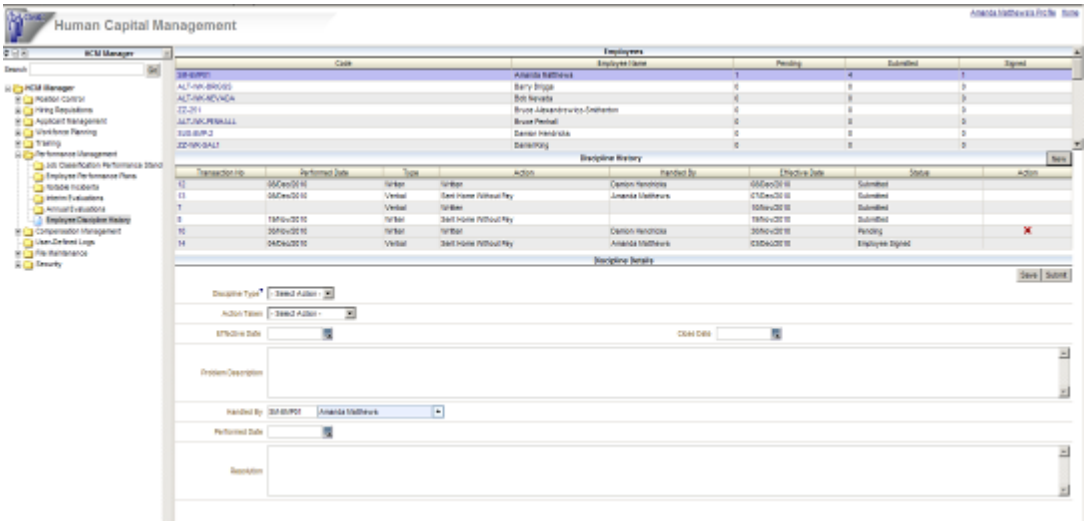
Created a dynamic view for the HR application information that includes related information such as Skill, Education, Position, Membership, References, Emp. History, License/Cert.



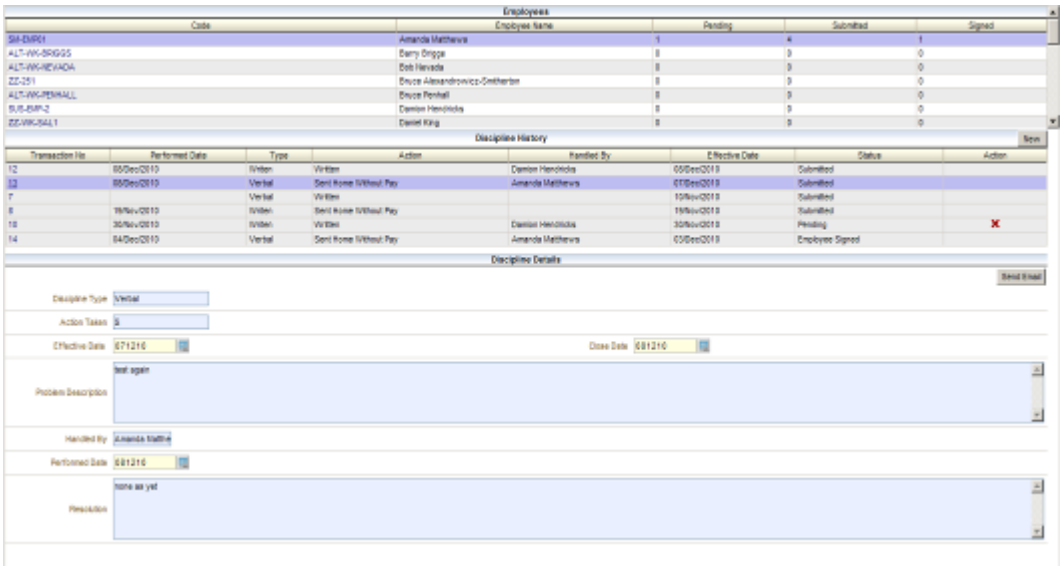
This log affords a more extensive list of fields for searching/querying Applicants.

Employee Disciplinary Action in Employee Self Service and HCM (10.47012)

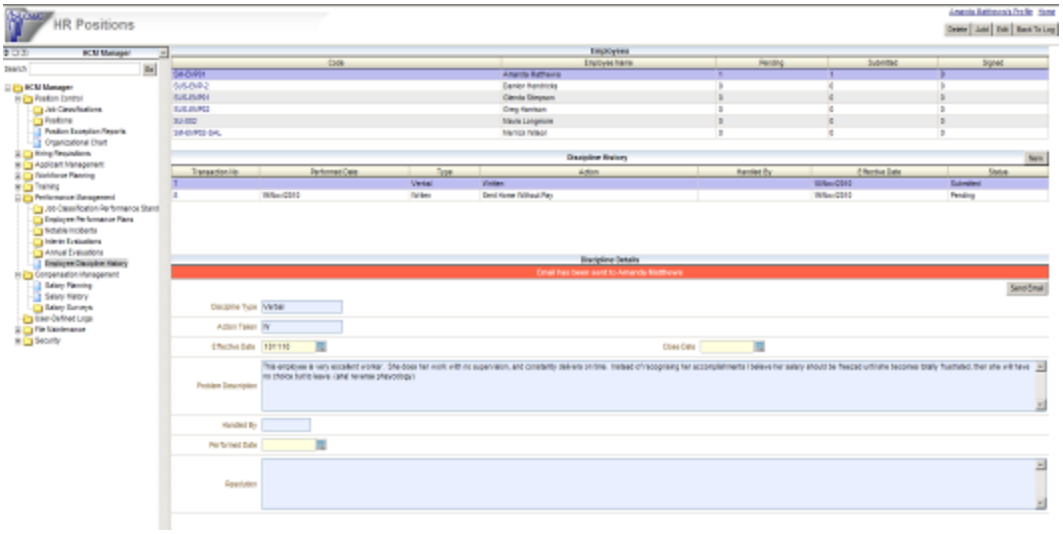
Added the Discipline History program to HCM as well as Employee Self Service. This is analogous to the HR Forms version of Discipline Tracking.

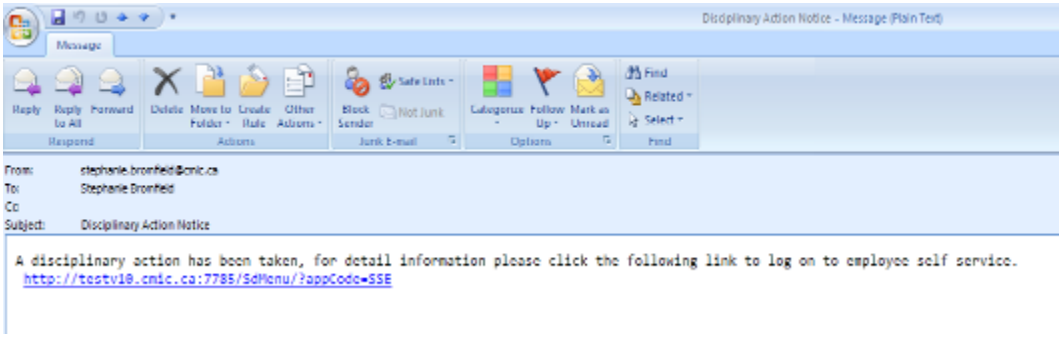


The JSP HCM version allows the creation of the record in 'Draft' form so that the employee or anyone else cannot see it. Once the manager submits the record the employee will be able to see the item in Self Service.

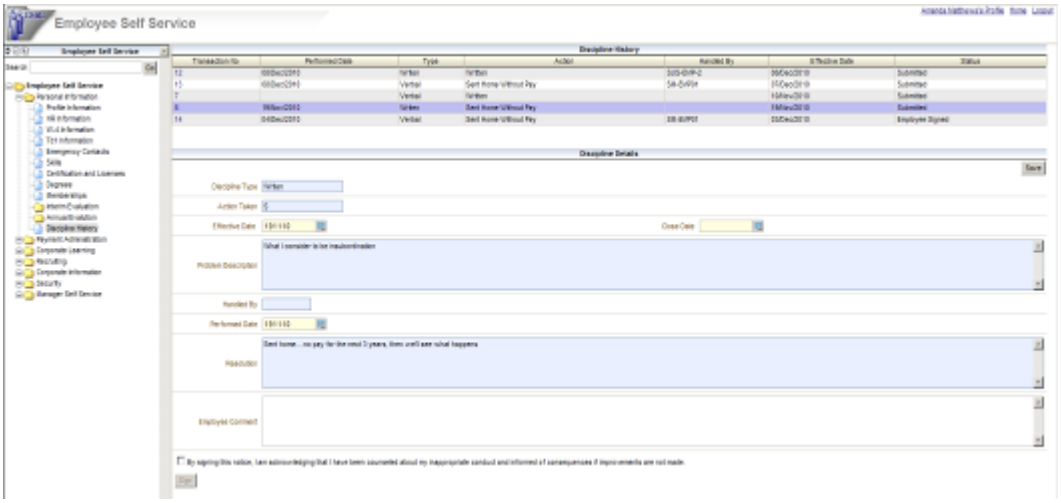


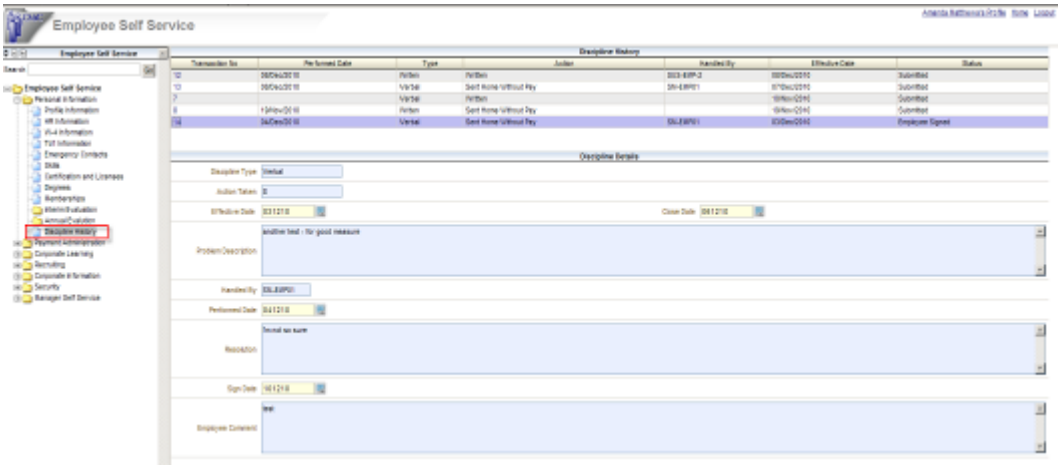
The **[Send Email]** button is available on a **submitted** record. It sends a predefined email to the employee that will inform of the Disciplinary Action Notice and it will contain the URL to the self service system.



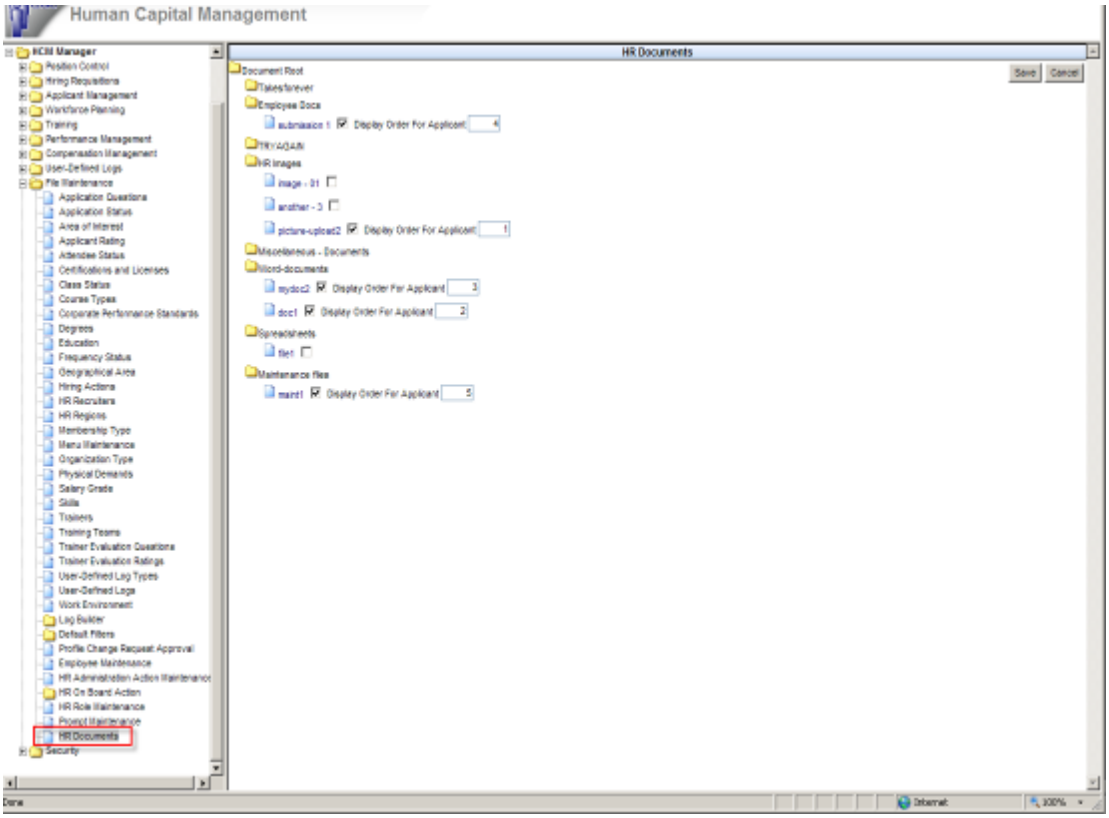


The employee will be able to open the item in Self Service and add their own comments and add their electronic signature to indicate that they have seen the document.



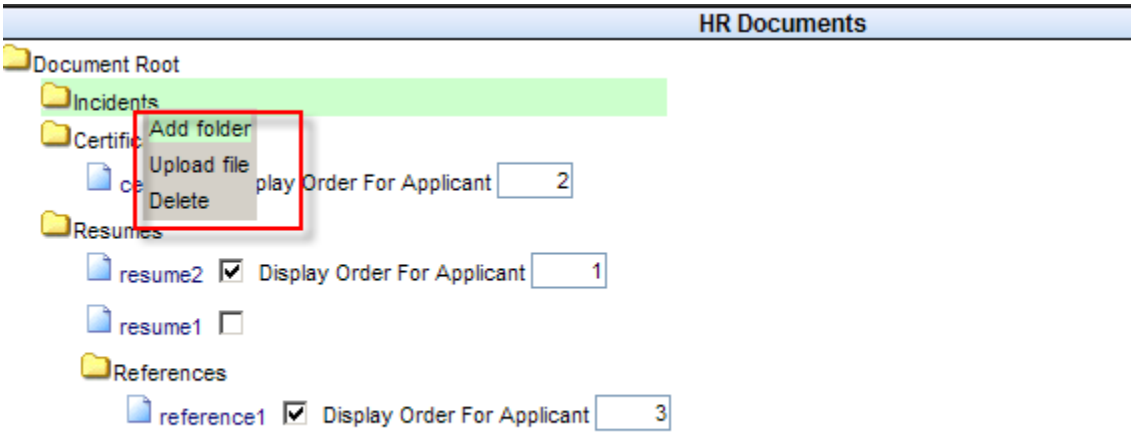


HR Documents and Forms Request (ESS) (10.46995)

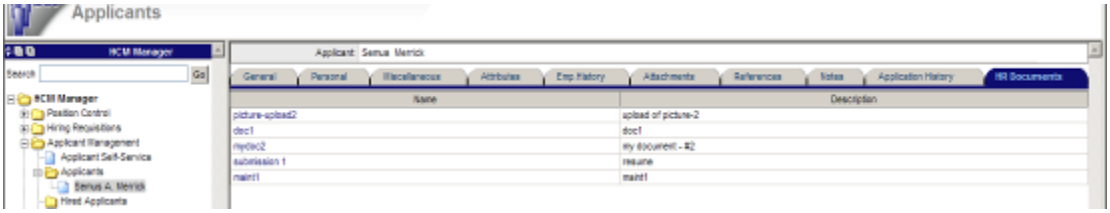


Added an HR Documents menu item to the File Maintenance node of HCM (it is also the Forms Request menu item in ESS - Corporate Information, with display-only functionality). This can be used to define document folders to which document attachments can be uploaded. The user can indicate whether these attachments are available in the HR Documents tab of the Applicant screen.

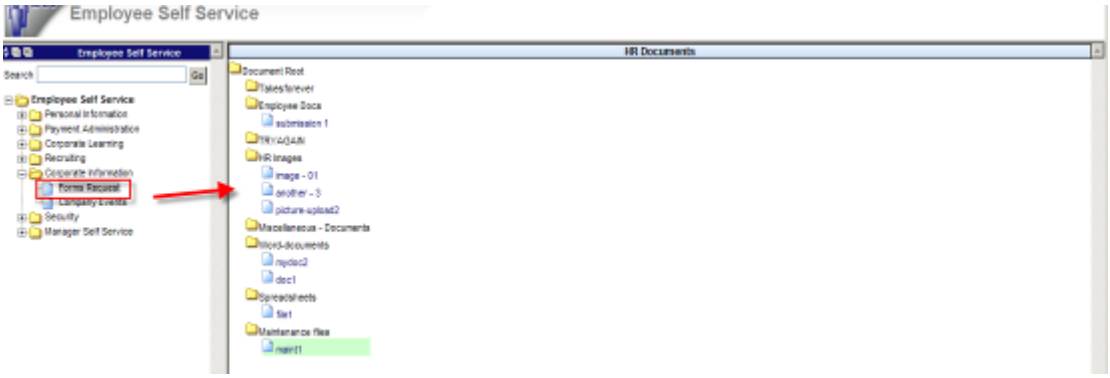
The right-mouse click on any node will show the actions that can be performed:



The check-box is used to indicate whether the document will be shown in the Applicant HR Documents screen or not, and the Display Order box is used to indicate the order in which the documents are displayed in the HR Documents tab of the Applicant screen.

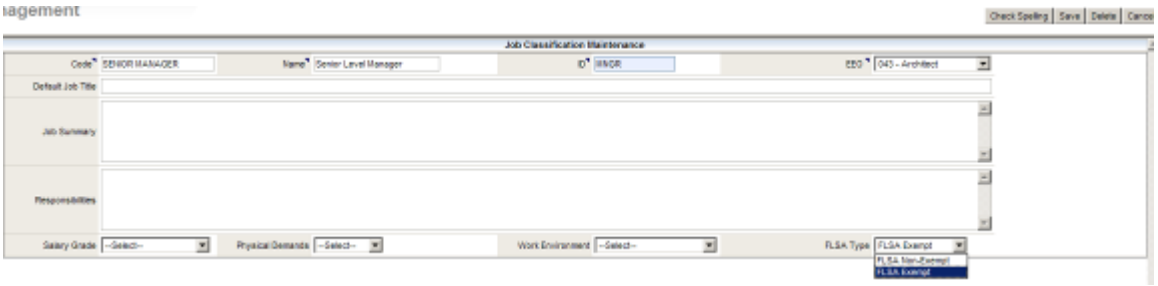


The documents are shown in a display-only mode of the Forms Request node in Employee Self Service.



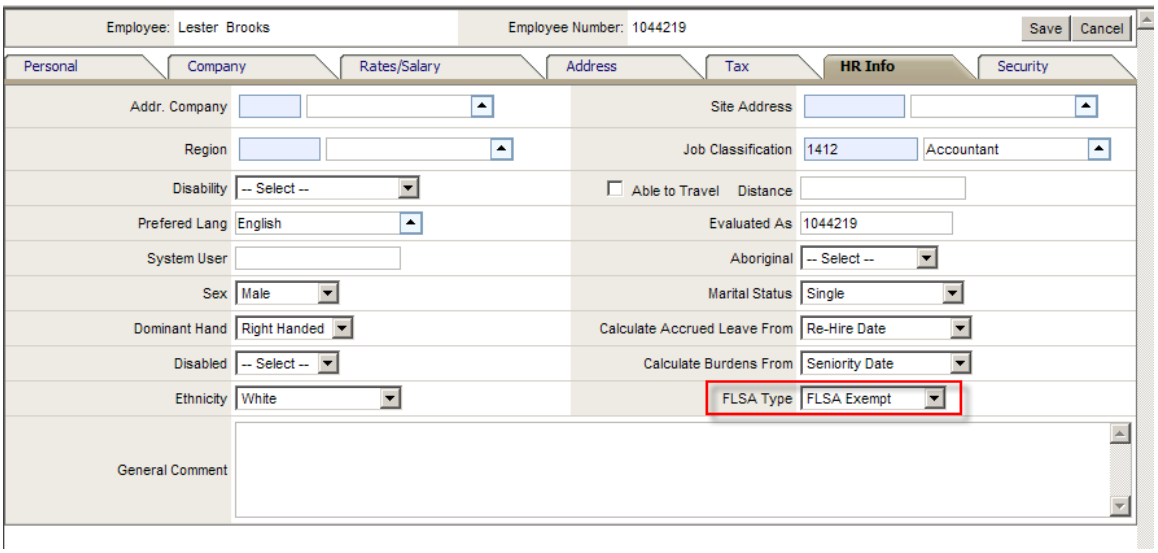
Part-Time Exempt Employees (11.55145)

A new field “FLSA Type” has been added to the Job Classification screen in Human Capital Management.



The position can then be created from the Job Classification and the requisition can be attached.

Applicants that are hired in HCM for the position will have the FLSA Type from the position and job classification, and the Employee Profile will be created with that FLSA Type.

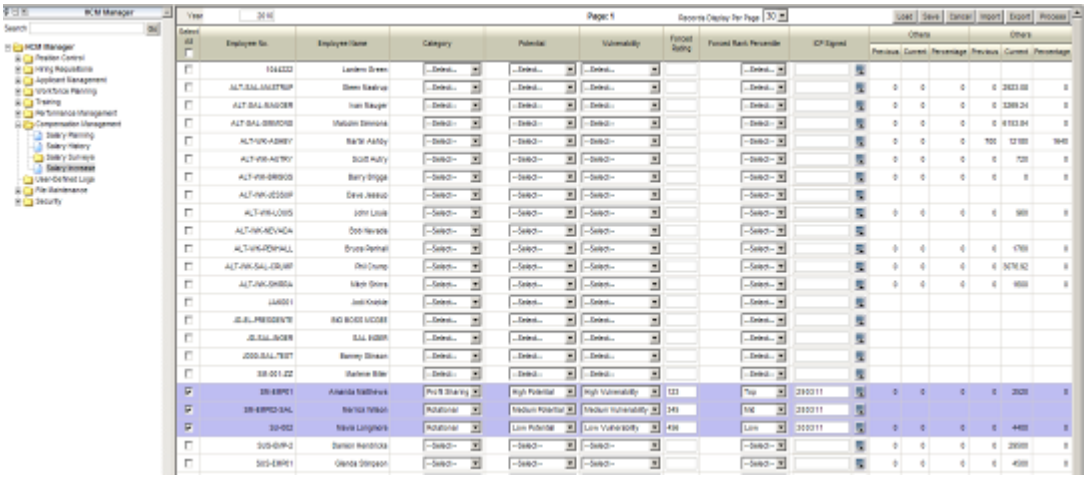


The FLSA Type on the JSP Employee Profile when hiring is found on the HR Info tab.

Salary Increase (10.46999)

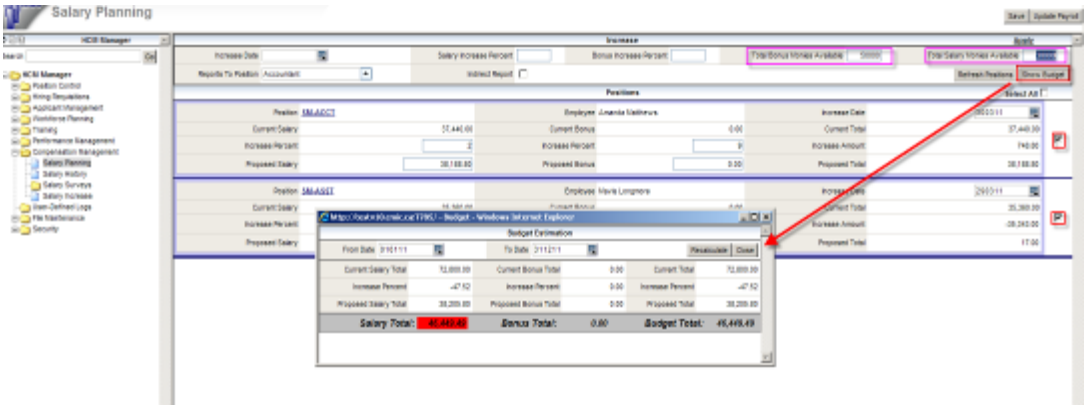
1) Added the '**Salary Compensation**' selection to the W2 Parameters Mapping screen. Whatever columns are defined in this screen will be displayed in the Salary Increase screen in HCM.

2) Also added the **Salary Increase** program to HCM:



This program is used to Export salary planning data, review and make changes and re-Import. The [Process] button allows integration with the Salary Planning screen, so that the employee data can be updated with the increase.

3) The two fields: **Total Bonus Monies Available** and **Total Salary Monies Available** are added to Salary Planning screen to validate the totals when calculating budgets.

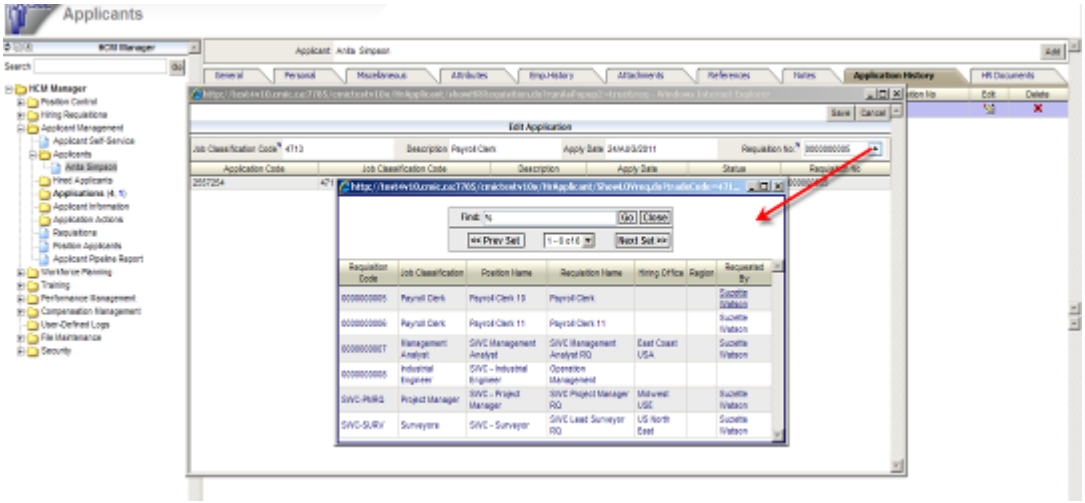


The validation can be done against one or more position, by first entering the amounts in the two fields, selecting the position(s) then clicking the **[Show Budget]** button.

If the Salary Total exceeds the Total Salary Monies Available it will be highlighted in red.

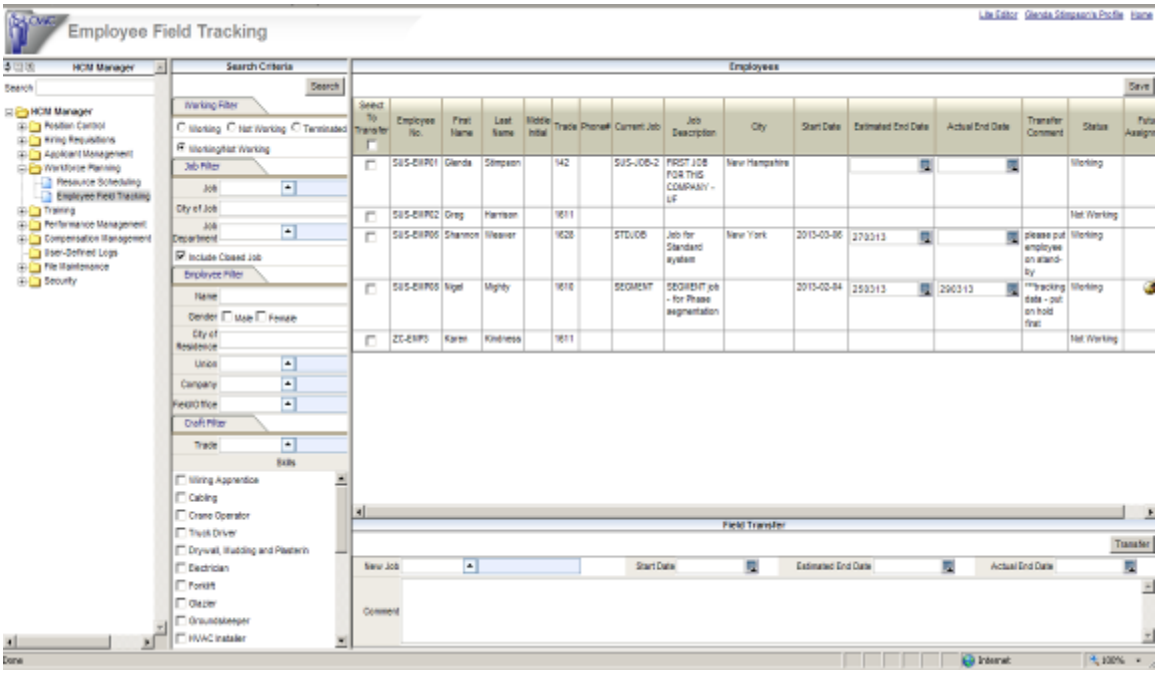
Likewise, if the Bonus Total exceeds the Total Bonus Monies Available it will be highlighted in red.

Applicants - Additional Columns in Requisition LOV (11.62522)



Added Job Classification, Position Name, Hiring Office, Region, Requested By to the Requisition LOV of Applicant Entry – Application History tab.

Field Tracking Log (12.73003)

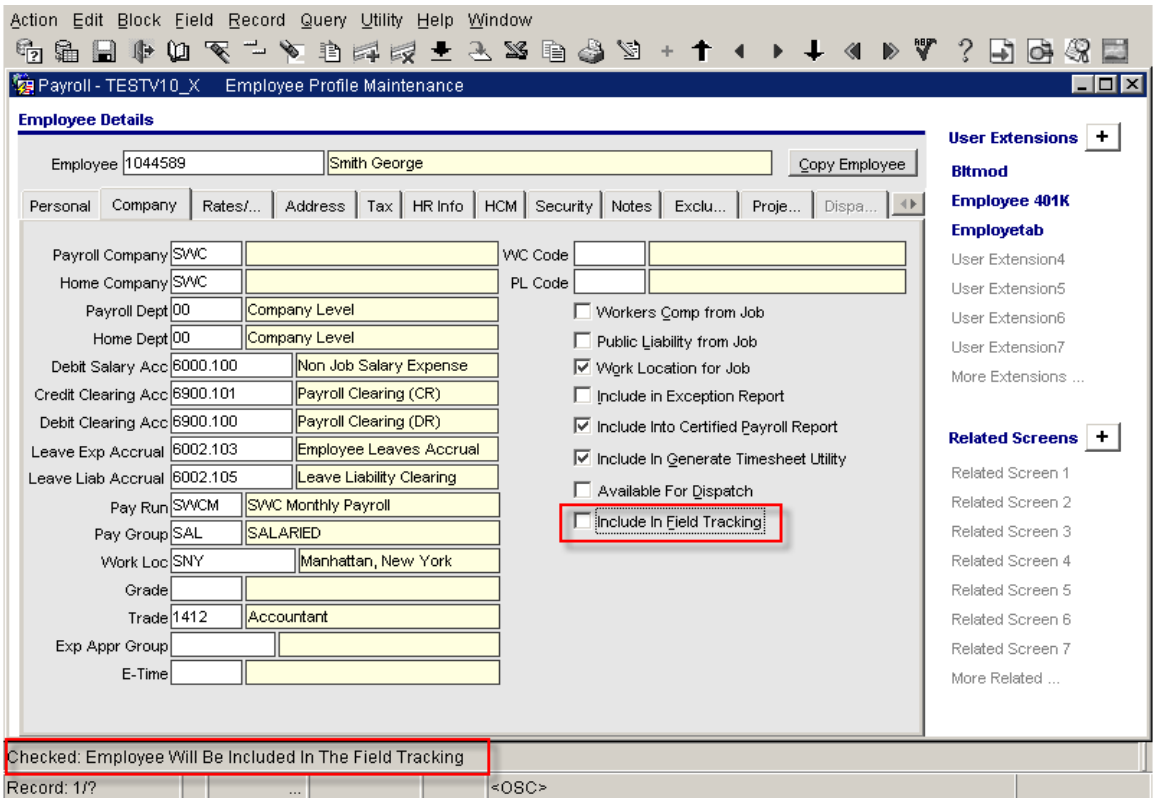


The Field Tracking feature was initially introduced in patch X-006. This menu item facilitates the transfer of employees between jobs. In addition to transferring multiple employees between jobs, the information processed within the screen adds records/entries to the Project History screen and related project tables.

Four Search Criteria sections (Working Filter, Job Filter, Employee Filter, and Craft Filter) are made available to the user, and can be used in combination to select eligible employees. The user can also type in parts of a string of characters to search on, in each field.

The 'Future Assignments' icon , when pressed, will show the future assignments for the employee.

There is a new flag in the Employee Profile and History to indicate that the employee record is included in Field Tracking - only records with this flag checked will be shown in the Field Tracking Log:



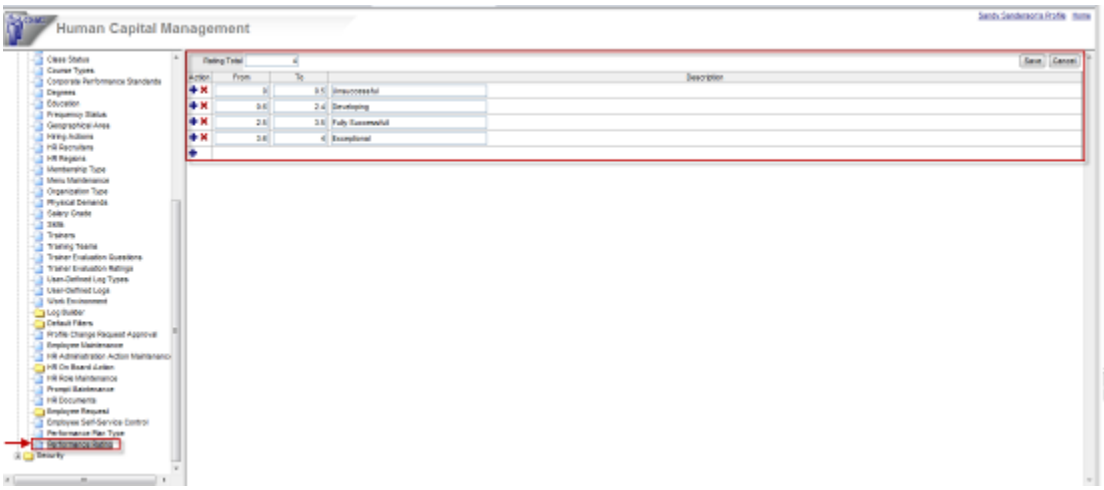
The employee must have an associated contact code which is used to make the connection (when assigned to a project) to the job assigned to the project.

Modification of Rating System of Performance Plans (13.83836)

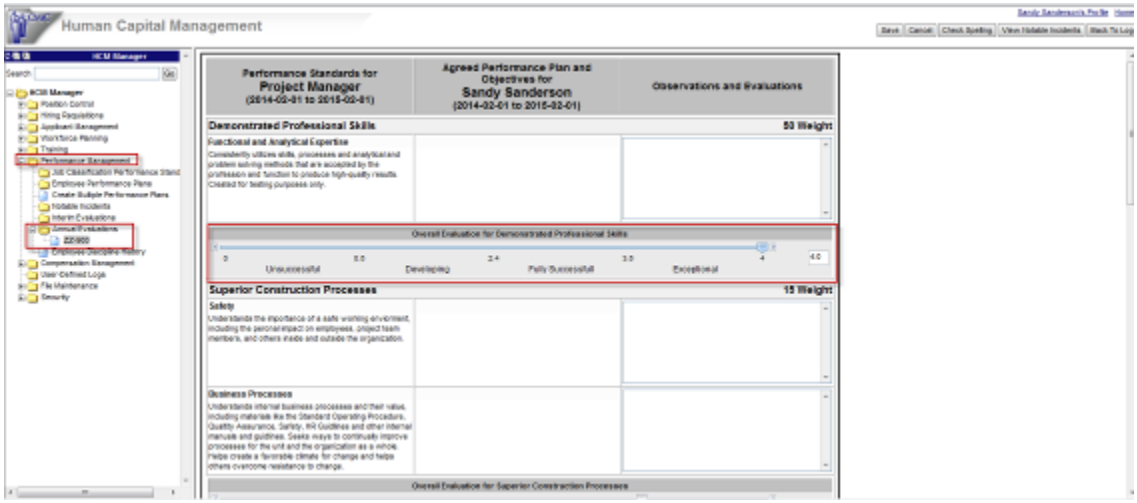
CMiC modified Rating System to allow for a range of 0-4, with 2 digits available after the decimal point. Descriptions for ranges are identified on a File Maintenance screen.

Example:

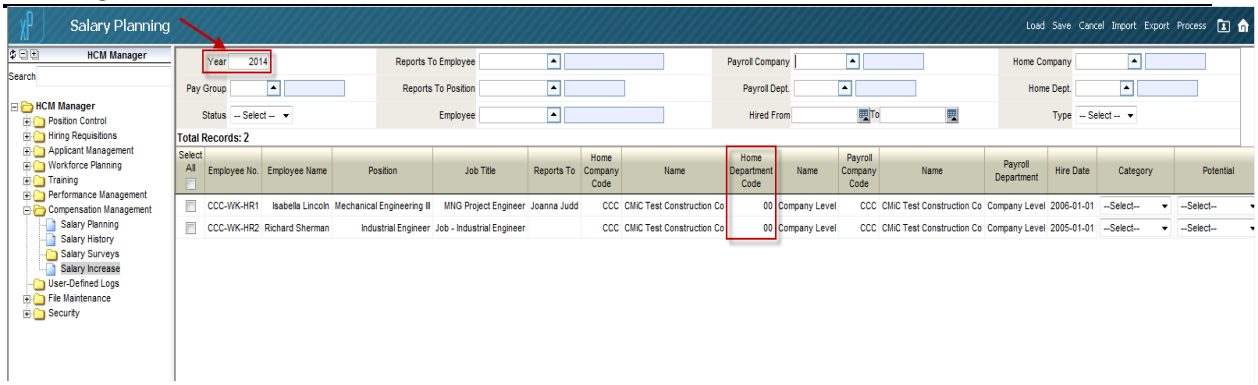
1. Go to HCM program-> File Maintenance-> Performance Rating screen and Set up the Performance Rating by using following descriptions:
    - Unsuccessful (0.0-1.0)
    - Developing (1.1 - 2.4)
    - Fully Successful (2.5-3.5)
    - Exceptional (3.6-4.0)



2. Go to Performance Management->Annual Evaluations and select one of the plans -> User will be able to view and edit the Performance Rating that was setup previously.

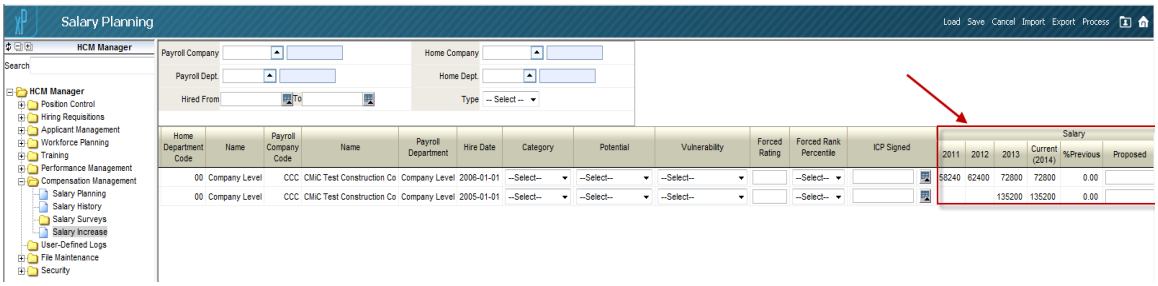


Salary Increase screen – Additional Fields (14.92851)



CMiC modified existing Salary Increase screen to add Home Department from employee profile on the screen. CMiC also added previous THREE years' salary increase on the screen based on the year entered on the header

block. For example, if the year 2014 specified on the header block, the detail block will display salary increase from year 2011.



Human Resource

Print Work Modifications by Pick List (08.26778)

Added an Employee Pick List report parameter to the launch screen of the Work Modification Agreement. This allows printing of the HR Work Modification Agreement by a pre-defined employee pick list pick list. The screen also allows the user to edit the pick list here without having to go to the Local Tables menu.

Incident Claim Reserves (08.28742)

Overview

Most claims have costs associated with them, whether it is a Workers Compensation or Liability claim. These costs are initially set up as "Reserves" (allocations) and entered in CMiC. Reserves are simply estimates as to potential charges that may accrue during the life of the claim. For example, the project or job on which an incident occurred may be charged with the costs of medical treatment for an injured employee and possible legal expenses. If the insurance carrier is involved with the investigation of the claim, there is a charge associated with the service. The reserves and paid amounts are updated as expenses are realized or new information is received. The main purpose of capturing these charges is to keep the project team and financial operations aware of the costs allocated to their projects and track paid amounts up to the insurance deductible.

In order for CMiC to be able to track the individual cost components of an Incident (either WC or Liability), a number of changes have been made to the HR Incident Maintenance functionality:

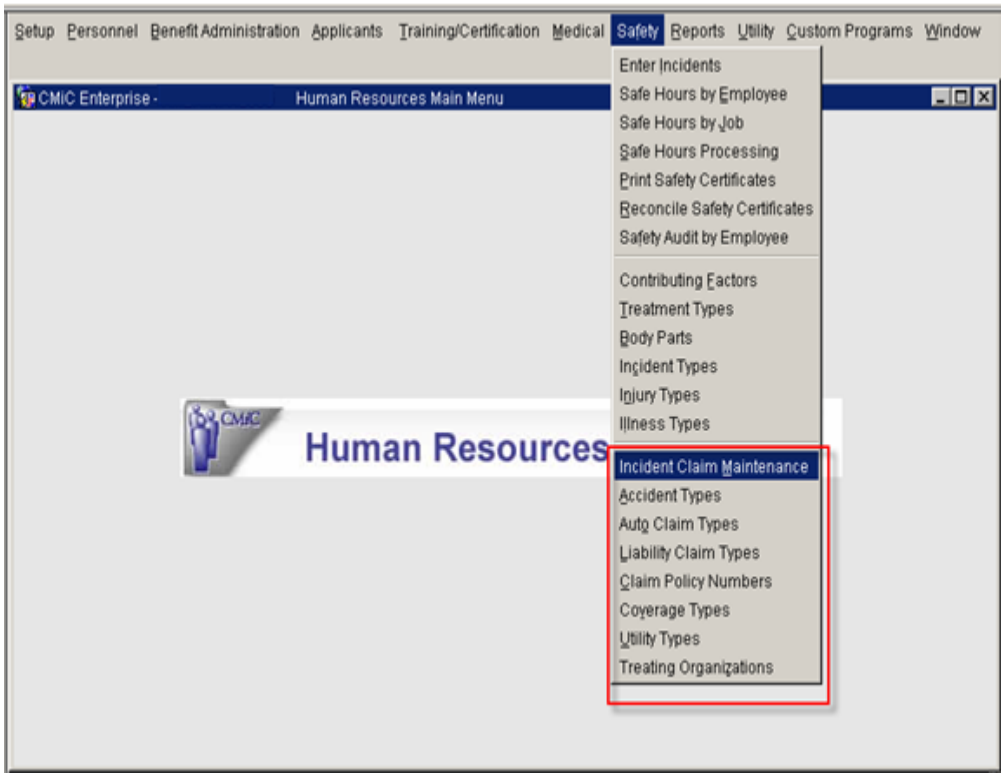
1. Change to HR Control File – Safety tab:

Added an 'Incident Number Mask' field to be used to set the mask for the auto-numbering of incident numbers. The hint line shows the combination of characters that can be used.

If no mask is set, the next sequential number is used from the system, when the incident is saved on creation.

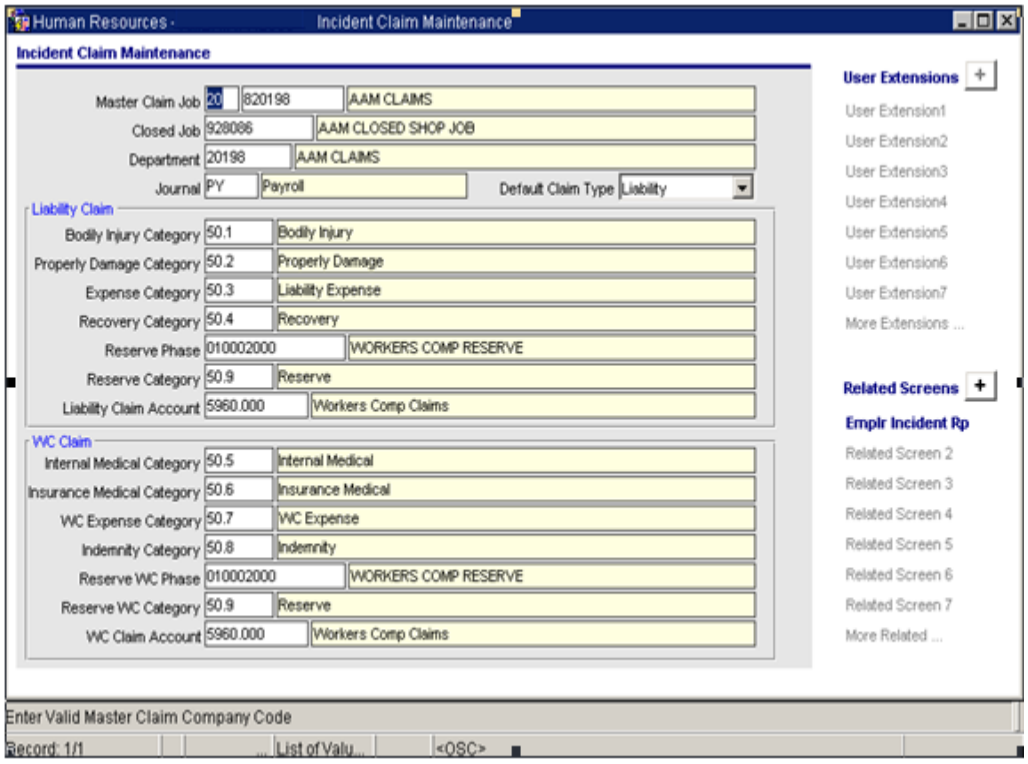
2. Changes to HR Safety menu

A number of screens (local tables for the new functionality) have been added to the Safety Menu (highlighted below). These screens are to be populated with data that are then required by the Incident Entry screen.



3. Incident Claim Maintenance Screen (new)

This screen is used to define the parameters of the MASTER CLAIM Job (the job is created for all claims). These parameters must be defined before posting of reserves in the incident claim can occur. A print of sample setup is shown below:



The phases and categories used must be defined for the same company as the Master Claim Job.

The Phases, Categories, Accounts are pre-defined in the appropriate Local Tables in the Job Costing and General Ledger modules.

In order for CMiC to be able to track the individual cost components of an Incident (either WC or Liability) there will need to be unique Categories defined for each of the cost elements.

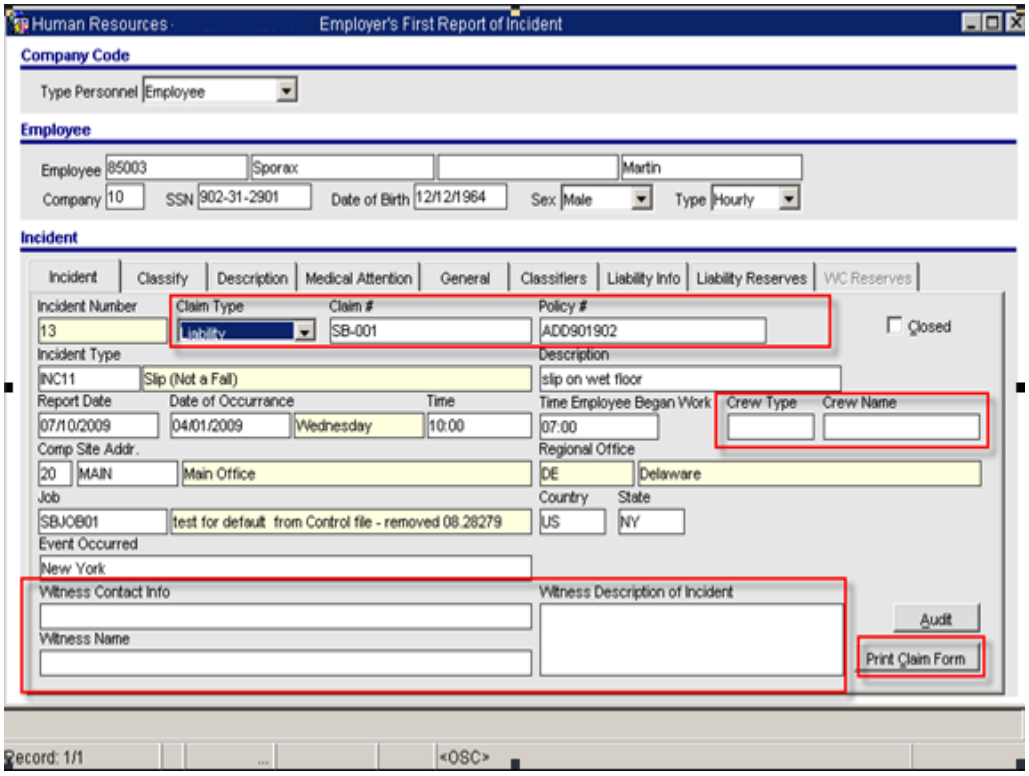
4. HR Incidents screen – modified:

The sections/fields highlighted in the prints below have been added.

Incident tab

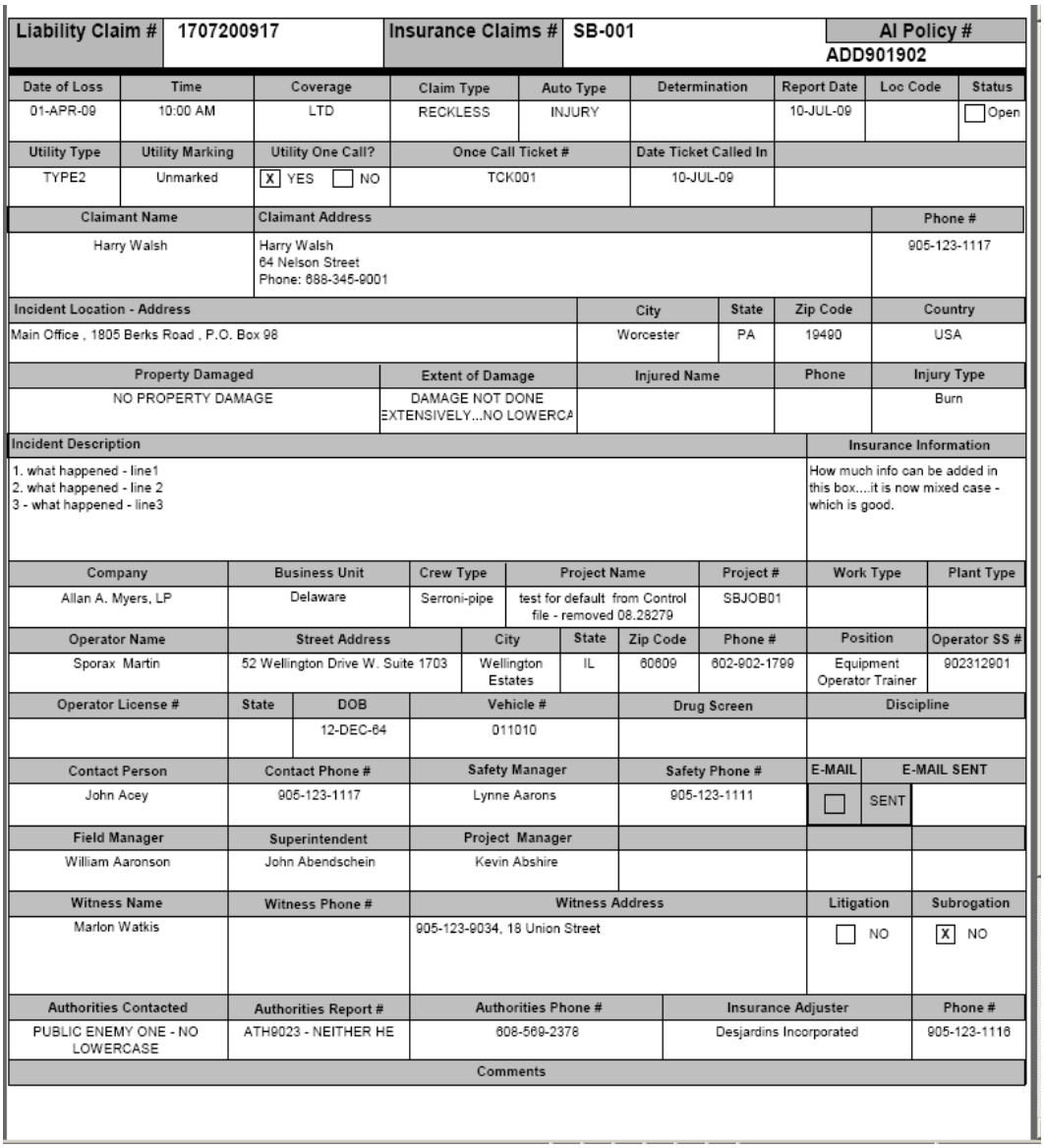
Claim # - This is the Claim number given by the insurance provider.

Policy # - This is the company policy number that the claim is against.



Use the [**Print Claim Form**] button to print the Claim Form for Liability or Worker's Compensation, depending on the type of claim.

Sample Prints:



Liability Claim #	1707200917	Insurance Claims #	SB-001	AI Policy # ADD901902

Date of Loss	Time	Coverage	Claim Type	Auto Type	Determination	Report Date	Loc Code	Status
01-APR-09	10:00 AM	LTD	RECKLESS	INJURY		10-JUL-09		☐ Open

Utility Type	Utility Marking	Utility One Call?	Once Call Ticket #	Date Ticket Called In
TYPE2	Unmarked	☒ YES ☐ NO	TCK001	10-JUL-09

Claimant Name	Claimant Address	Phone #
Harry Walsh	Harry Walsh 64 Nelson Street Phone: 688-345-9001	905-123-1117

Incident Location - Address	City	State	Zip Code	Country
Main Office , 1805 Berks Road , P.O. Box 98	Worcester	PA	19490	USA

Property Damaged	Extent of Damage	Injured Name	Phone	Injury Type
NO PROPERTY DAMAGE	DAMAGE NOT DONE EXTENSIVELY...NO LOWERCA			Burn

Incident Description	Insurance Information
1. what happened - line1 2. what happened - line 2 3 - what happened - line3	How much info can be added in this box....it is now mixed case - which is good.

Company	Business Unit	Crew Type	Project Name	Project #	Work Type	Plant Type
Allan A. Myers, LP	Delaware	Serroni-pipe	test for default from Control file - removed 08.28279	SBJOB01		

Operator Name	Street Address	City	State	Zip Code	Phone #	Position	Operator SS #
Sporax Martin	52 Wellington Drive W. Suite 1703	Wellington Estates	IL	60609	602-902-1799	Equipment Operator Trainer	902312901

Operator License #	State	DOB	Vehicle #	Drug Screen	Discipline
		12-DEC-64	011010		

Contact Person	Contact Phone #	Safety Manager	Safety Phone #	E-MAIL	E-MAIL SENT
John Acey	905-123-1117	Lynne Aarons	905-123-1111	☐	SENT

Field Manager	Superintendent	Project Manager
William Aaronson	John Abendschein	Kevin Abshire

Witness Name	Witness Phone #	Witness Address	Litigation	Subrogation
Marlon Watkis		905-123-9034, 18 Union Street	☐ NO	☒ NO

Authorities Contacted	Authorities Report #	Authorities Phone #	Insurance Adjuster	Phone #
PUBLIC ENEMY ONE - NO LOWERCASE	ATH9023 - NEITHER HE	608-569-2378	Desjardins Incorporated	905-123-1116

Comments

Worker Comp Claim #	14072009005	Insurance Claims #	SBWC001	AI Policy #	GLO 3520338

Emp #	Last Name	First Name	SS #	Sex	Department	Company	Loc	Status
85003	Martin	Sporax	902312901	Male	Company Level	American Infrastructure Inc.		☐ Open

Employee's Address	City	State	Zip Code	Phone #	Hire Date	Position	DOB
52 Wellington Drive W. Suite 1703	Wellington Estates	IL	60609	602-902-1799	07-JUL-97	Equipment Operator Trainer	12-DEC-64

Job Name	Job #	Business Unit	Crew Type	Work Type	Plant Type
test for default from Control file - removed 08.28279	SBJOB01	Pennsylvania	Nevels T-survey		

Foreman	Superintendent	Project Manager	Acc Date	Acc Time	Day of Week	Report Date	Date to Dr.
jane doe	Hector Abarca	John Acey	07-JUL-09	12:45 PM	Tuesday	10-JUL-09	08-JUL-09

Initial Doctor	Initial Doctor Address	City	State	Zip Code	Phone #	Insurance Adjuster	Ext
Dr. Mansoor Singh	Blue Cross 21 Main Street	New York	CA	34343		Mrs. Heidi Floss	608-245-8906

X Restricted Duty?	Start Date	End Date	Total Days	X Lost Time ?	Start Date	End Date	Total Days	Return Date	Drug Test
	15-JUL-09	17-JUL-09	2	X	07-JUL-09	22-JUL-09	15		

Incident Description	Date Deceased
1. walking 2. talking 3. slipping 4. falling	

E-MAIL	E-MAIL SENT
☐	SENT

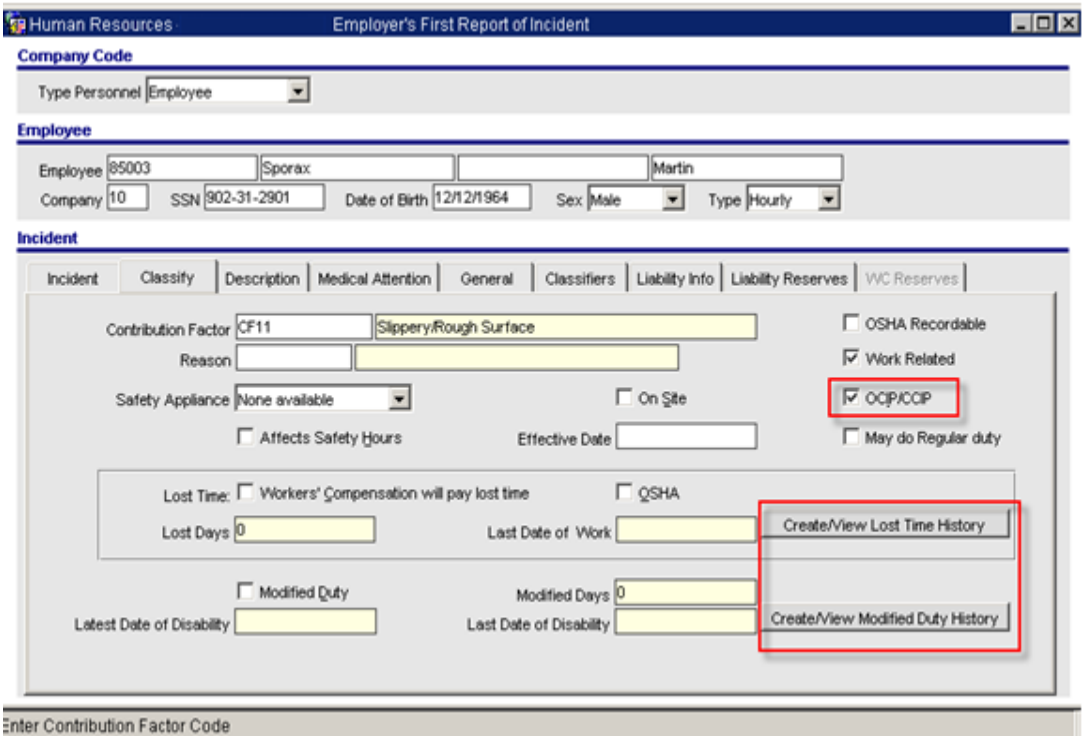
Nature	Body Part	Accident Type	Unsafe Act	Agency	Unsafe Conditions
Musculoskeletal Disorder	BACK	Fracture	Fall From Elevation		Taking Unsafe Position

Disposition	Contact Person	Contact Phone #	Safety Manager	Safety Phone #
X OSHA Recordable	David Adams	608-245-1896	William Aaronson	608-245-8901

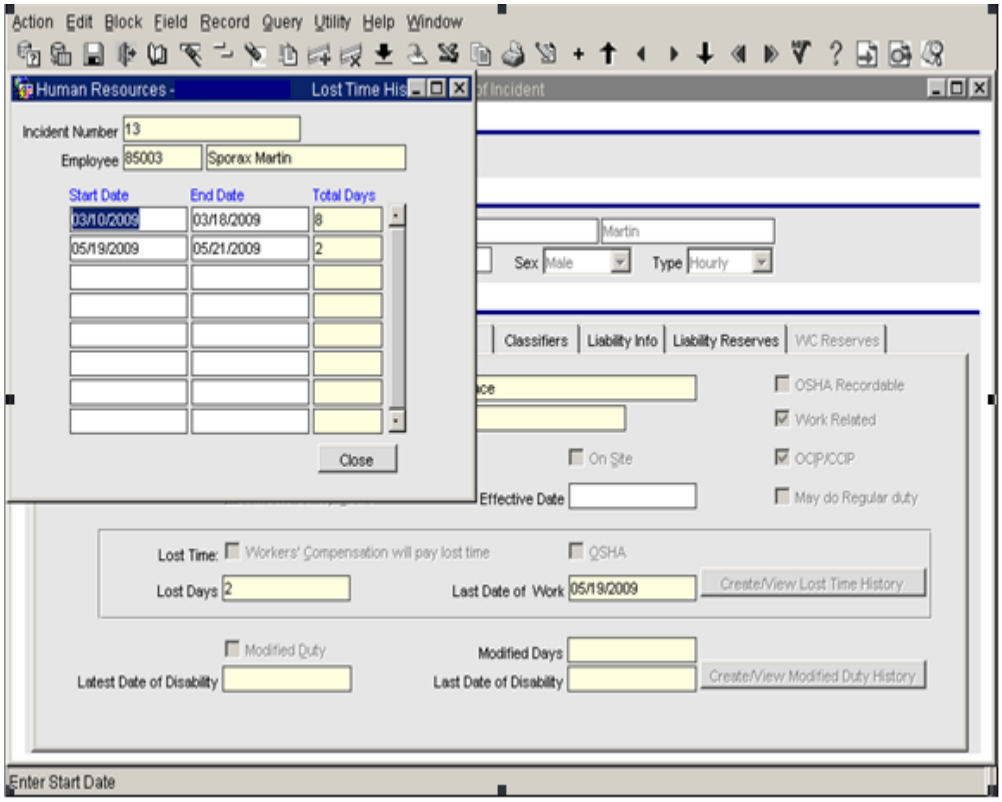
Witness Name	Witness Phone #	Witness Description
Mr. Ralston Washington		As a witness, I like to see and keep my mouth shut...don't want any repercussions.

Comments

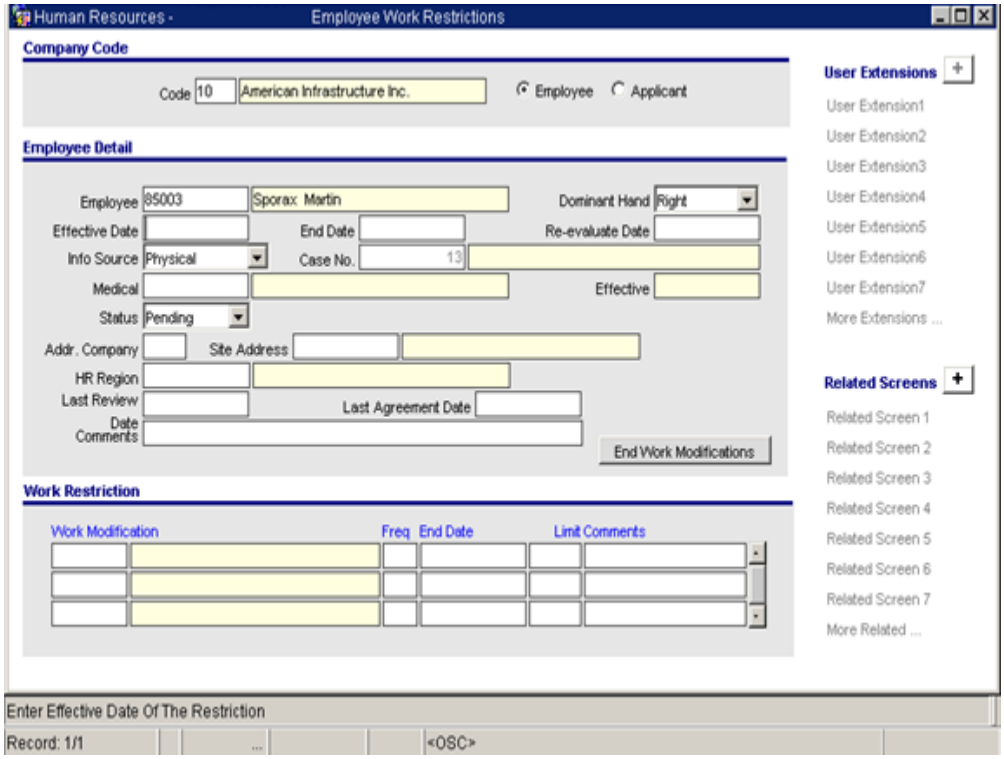
Classify tab:



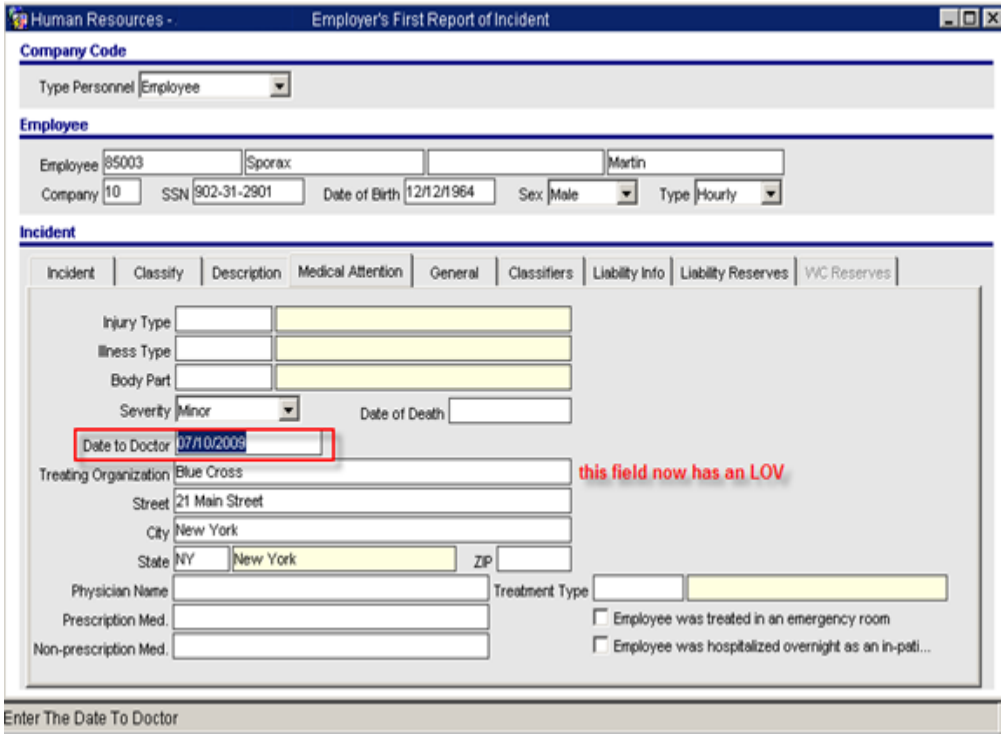
[Create/View Modified Lost Time History] button gives the following popup:



[Create/View Modified Duty History] button gives the following popup which is an integration to the Employee Modified Work Agreement screen:

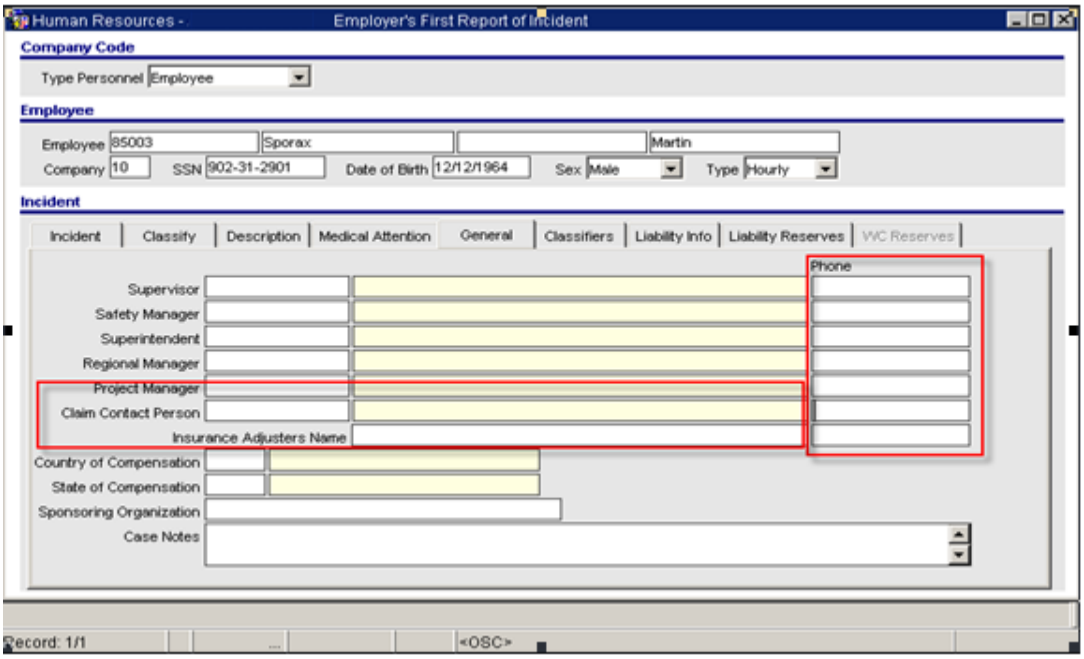


Medical Attention tab:



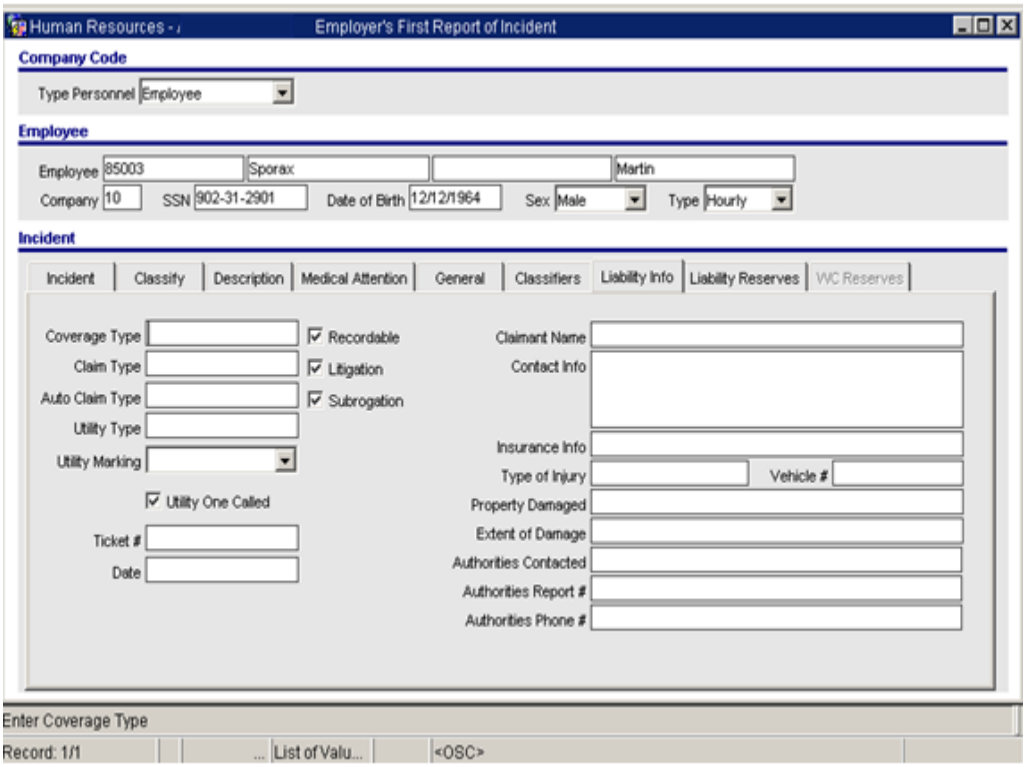
When Treating Organization is selected from the LOV, the Street, City, State and ZIP Code will be populated.

General tab:



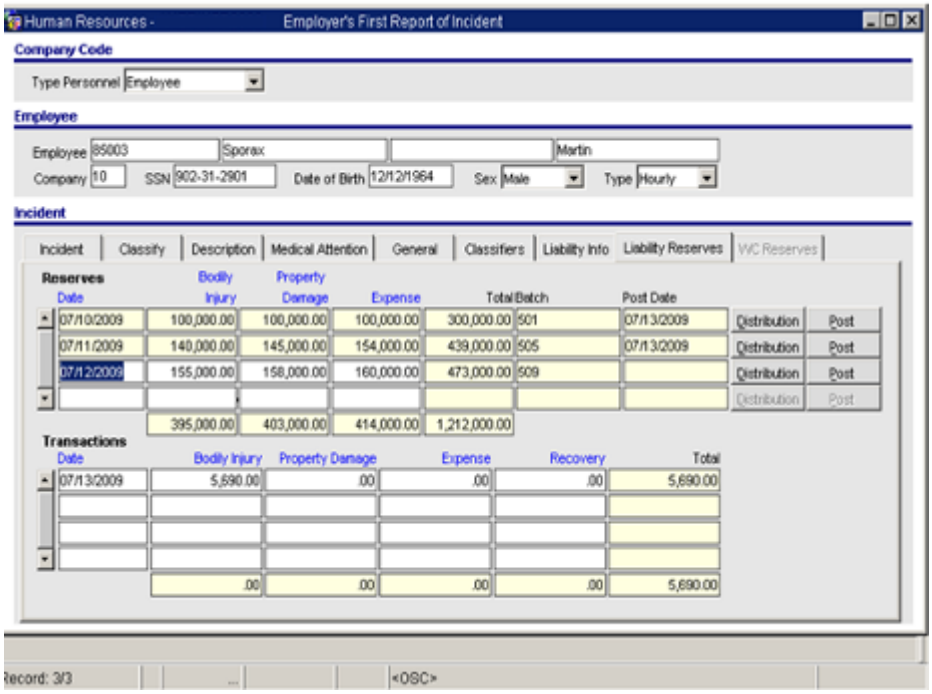
Liability Info tab (new)

Available when Claim Type = Liability



Liability Reserves tab (new):

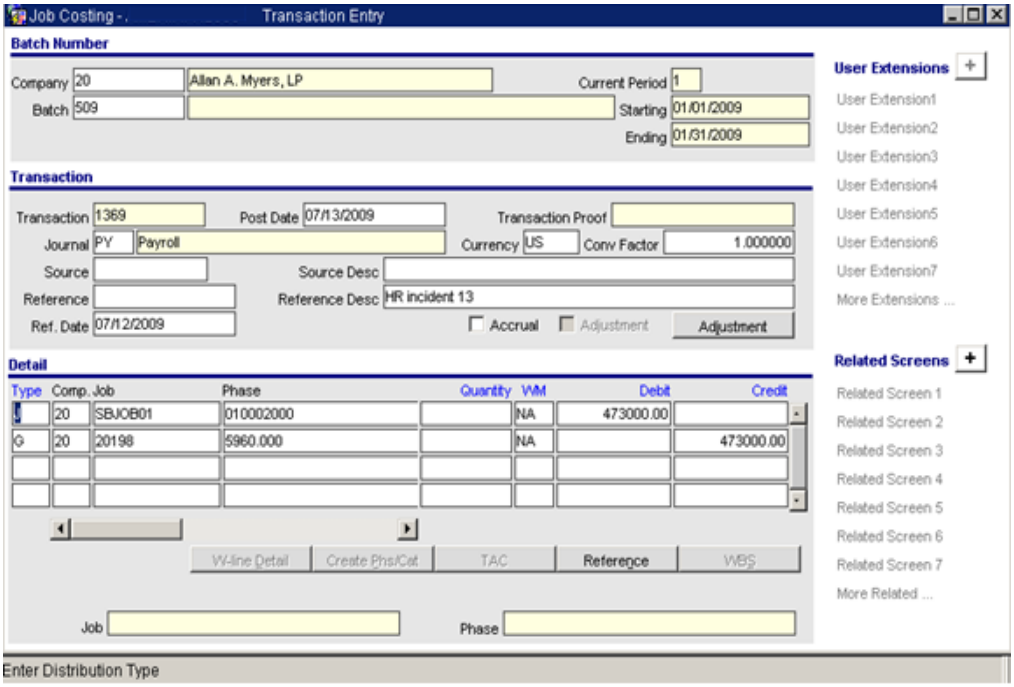
Available when Claim Type = Liability. If Claim Type = WC then the WC Reserves tab will be enabled.



Transactions section

These are all the transactions posted to the 'MASTER CLAIM' job where the Phase Code = the Incident #.

[Distribution] button gives the following screen:



When a 'Reserve' amount is entered and **[Posted]** the system will create the following cost transaction:

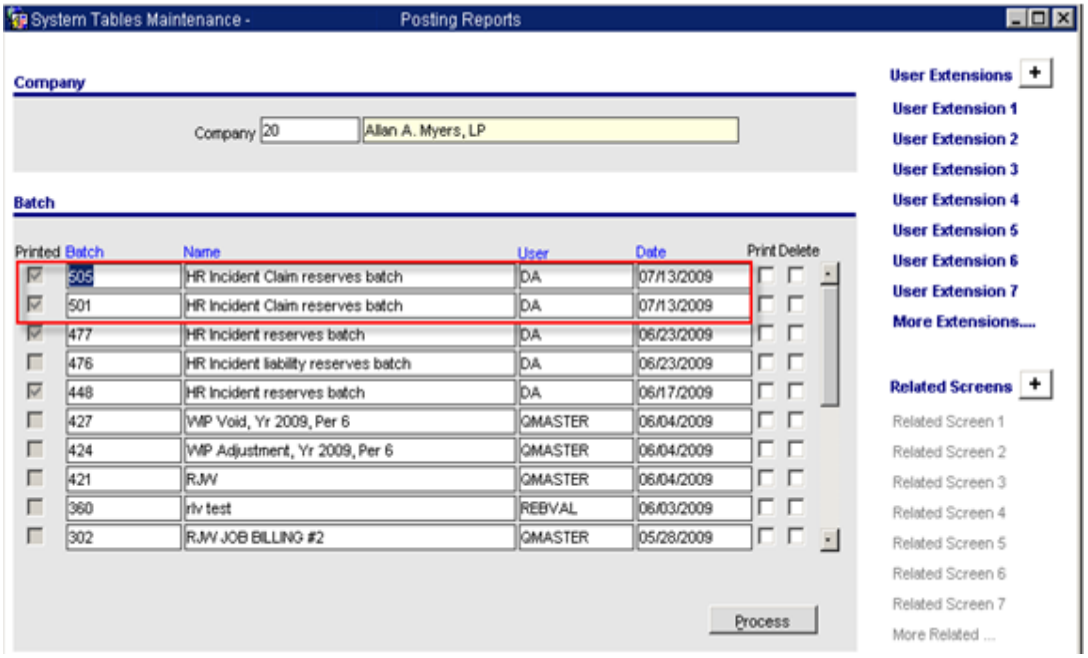
DR: JC - Job Incident Occurred with reserve $ amount

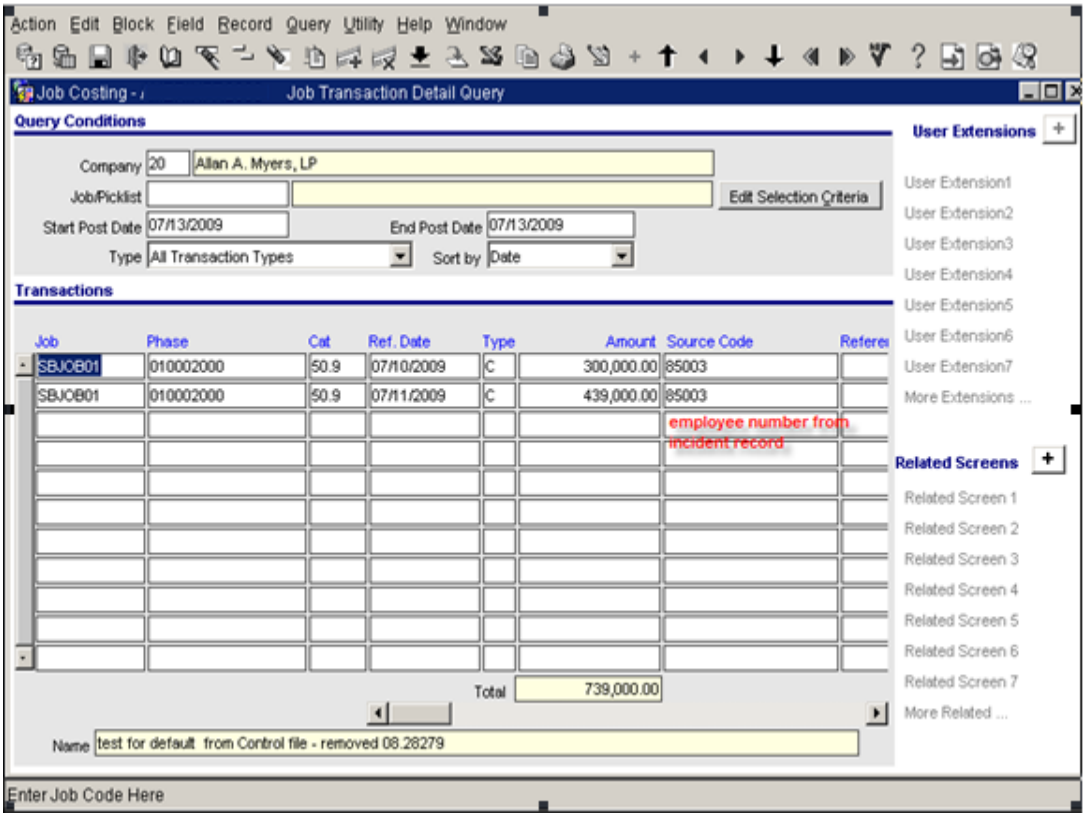
CR: GL – Claim Liability Account with reserve $ amount

and create on the MASTER CLAIM job a Phase that is the Claim # with all Claim Categories with the budget as per the Reserve Amounts.

[Post] button – creates a posted JC batch with JC and GL transactions which can be viewed under ***JC > Utilities > View Posting Reports***, or in the JC Transaction queries.

A pre-requisite to posting is that the phase (incident number) exists in the Phase Master, for the same company as the Master Claim Job. This has to be manually created by the user.





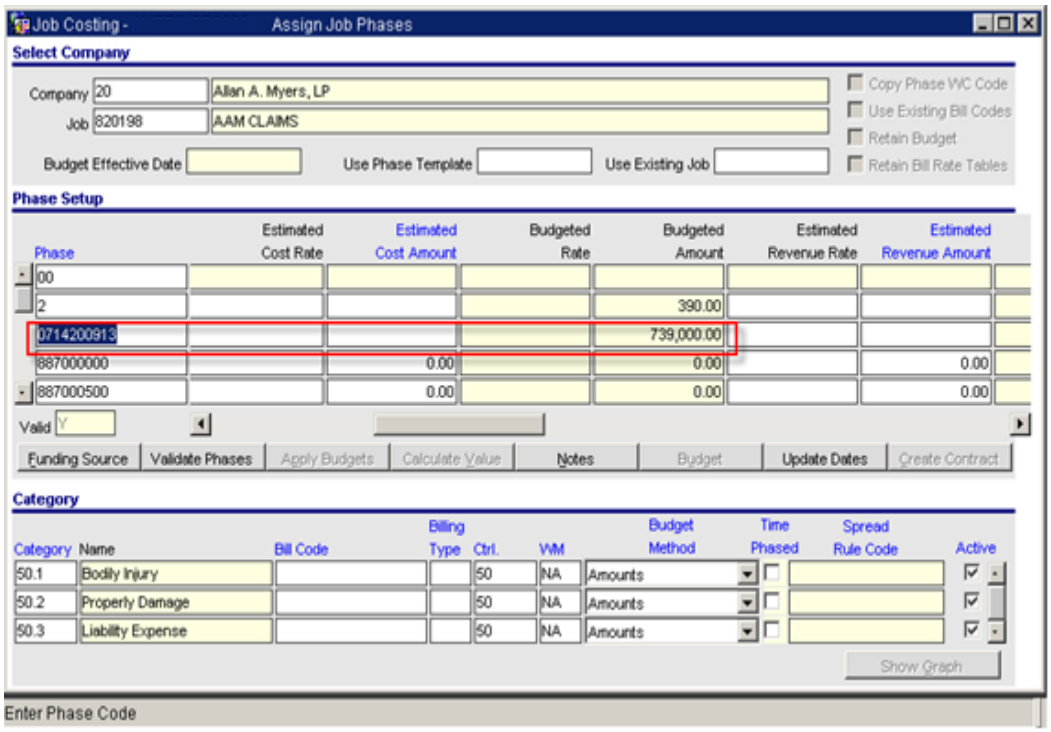
The reserve amount may be adjusted many times during the life of the project. Each reserve adjustment should be entered as the adjustment amount not the new total reserve amount.

When the reserve amount is adjusted and posted, the system will create the same type of cost transaction as described above.

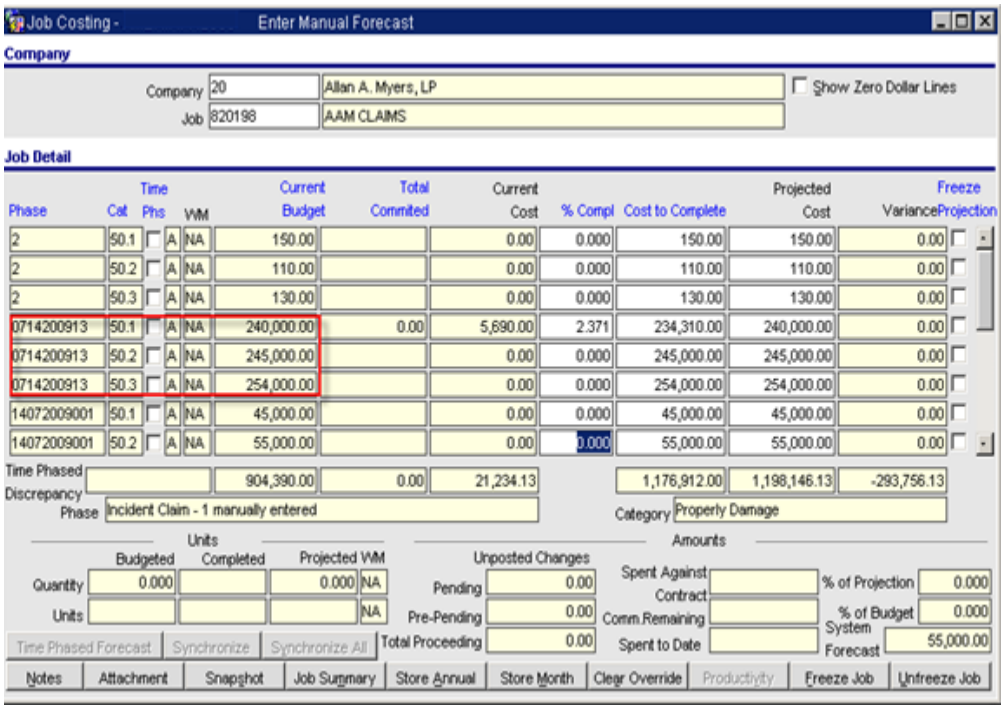
The Master Job entered in the Incident Claim Maintenance screen gets updated with the phase which is the incident number.

Creation and Posting of an Internal PCI

When the reserve amount is entered and posted, it also creates and post an Internal PCI to adjust the MASTER CLAIM job budget against the Incident # as the phase:

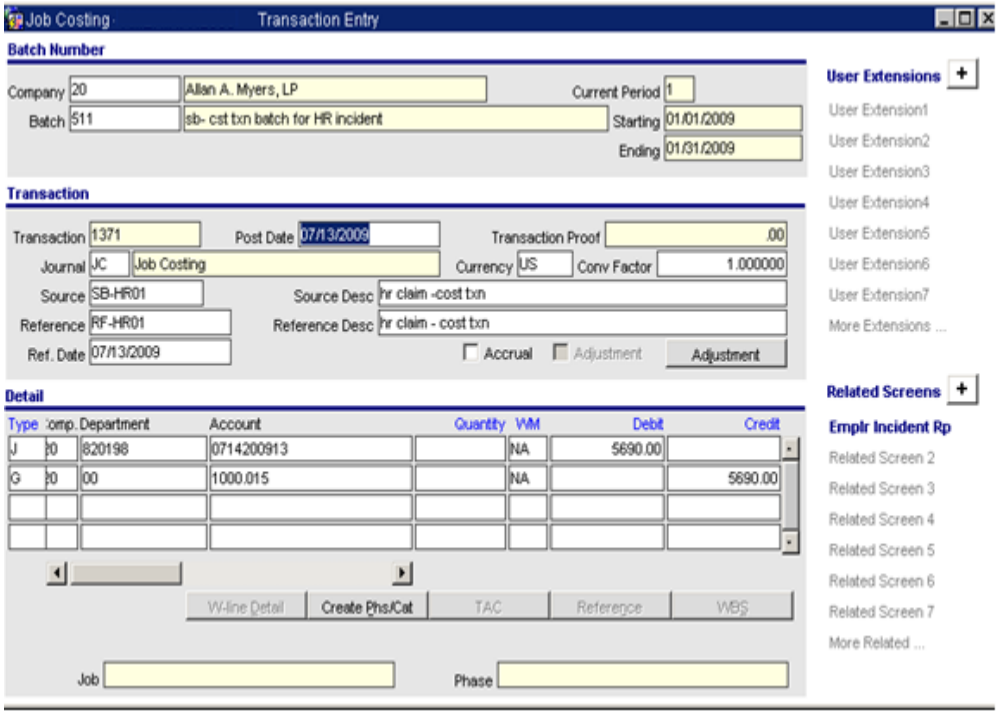


Update of Budget:



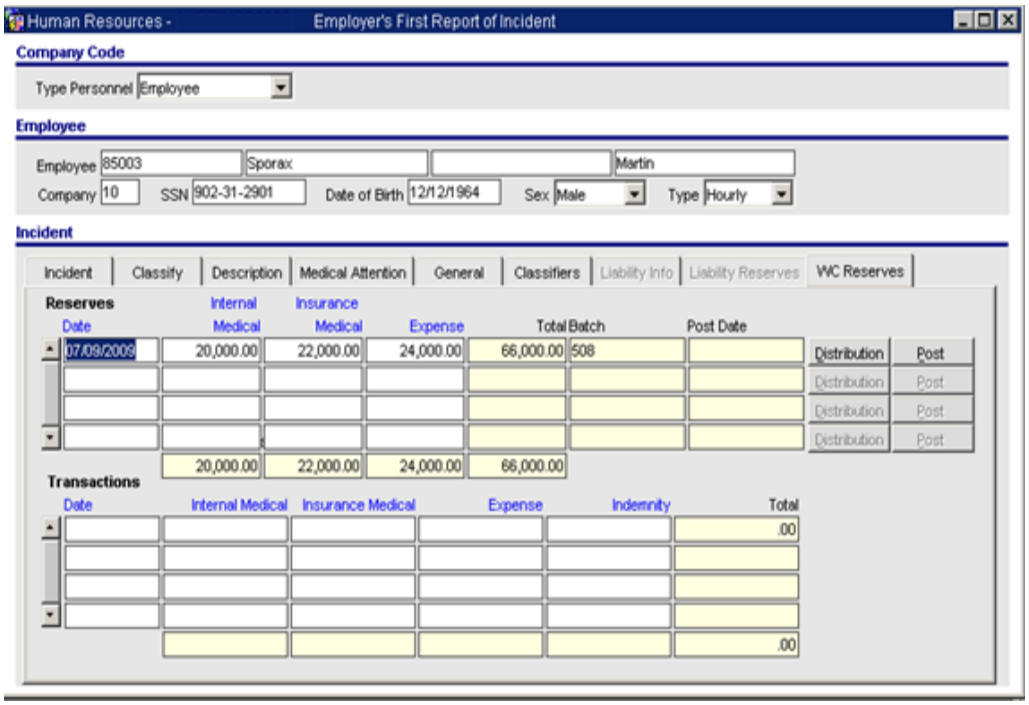
Cost Transaction (example):

The recording of the actual costs of a claim will always be done against the 'MASTER CLAIM' job. The distribution of the invoice will be a J line to the MASTER CLAIM job with the Phase = the Incident # and the Category = the cost type. These will post just like any other invoice.

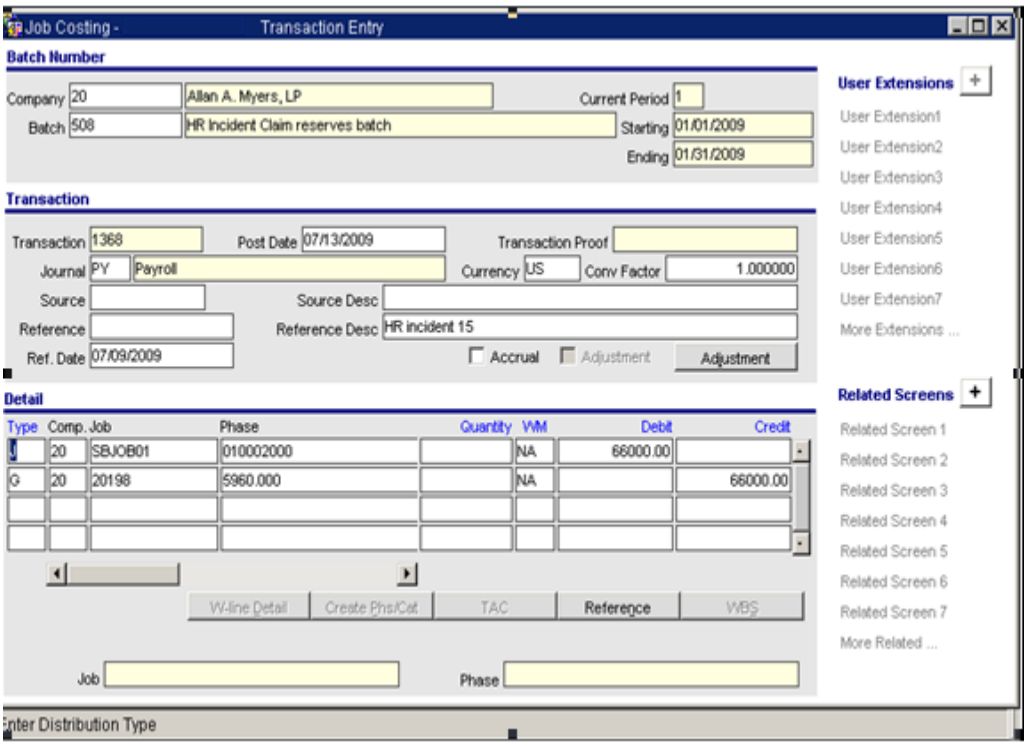


Workers Compensation (WC) Reserves tab (new)

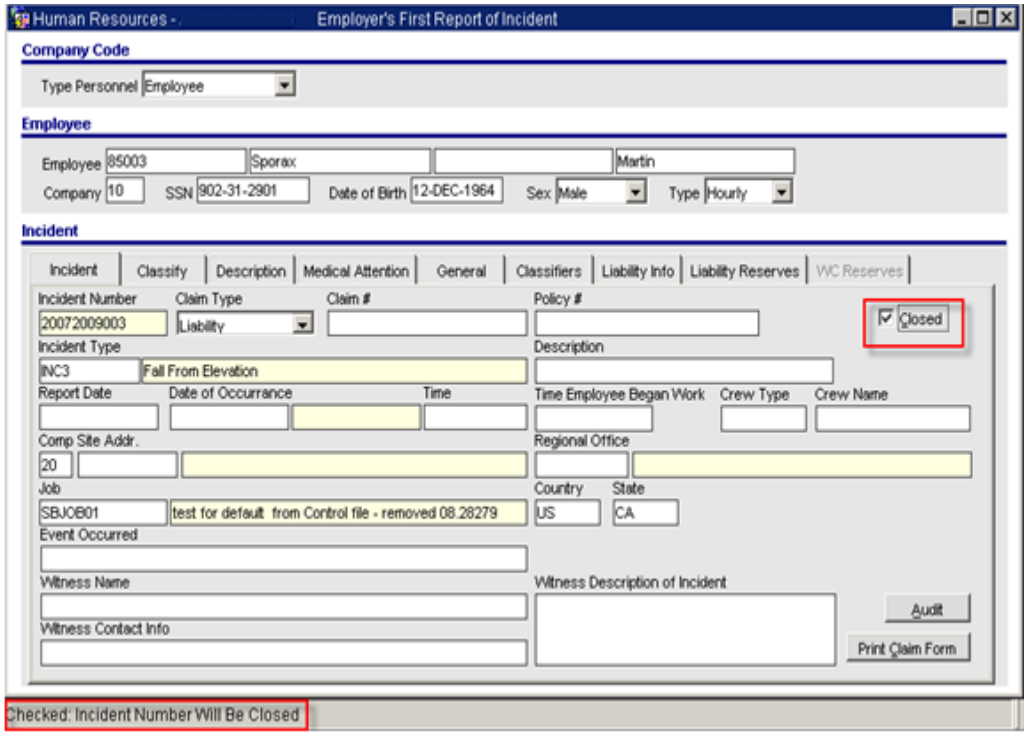
Available when Claim Type = Workers Comp.



[Distribution] gives:



5. Closing a Claim

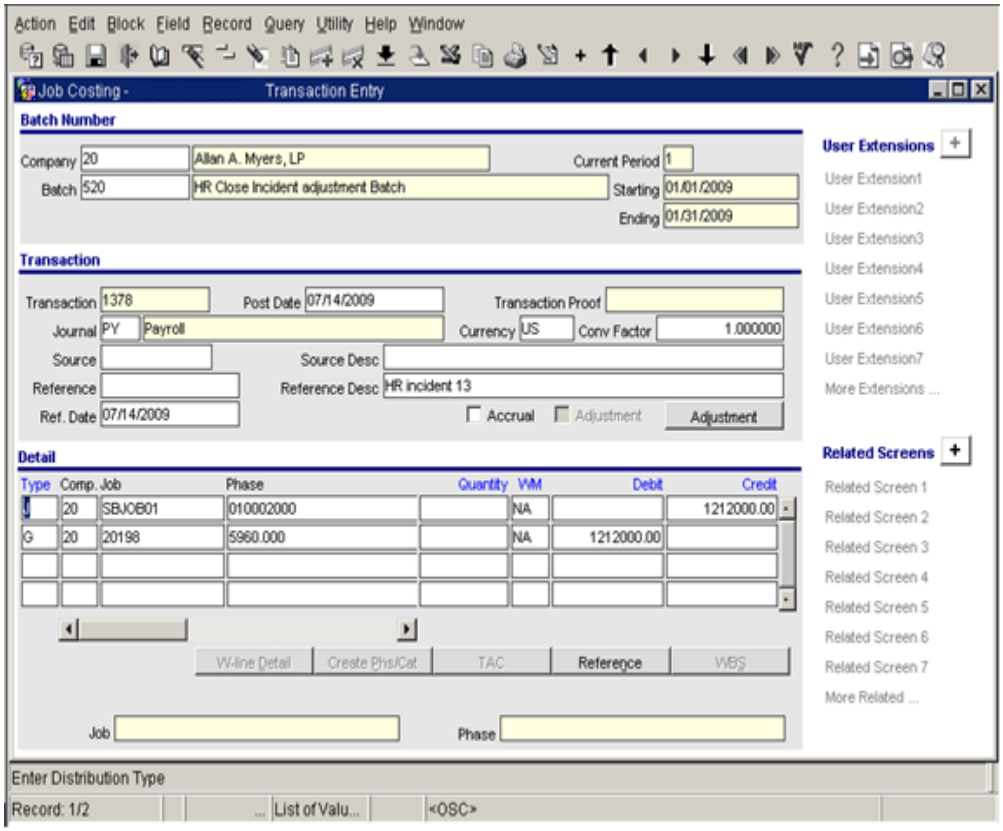


When a claim is closed, there is a requirement to ensure that the job has not been over/under charged.

The system will compare the Total Reserve Amount against the Total Actual Costs and determine if a DR or CR should be made to the job.

NOTE: If the Incident Job is closed, the system will substitute the 'Closed Job'.

Checking the '**Closed**' check box on the tab gives the distribution which can then be modified if necessary.

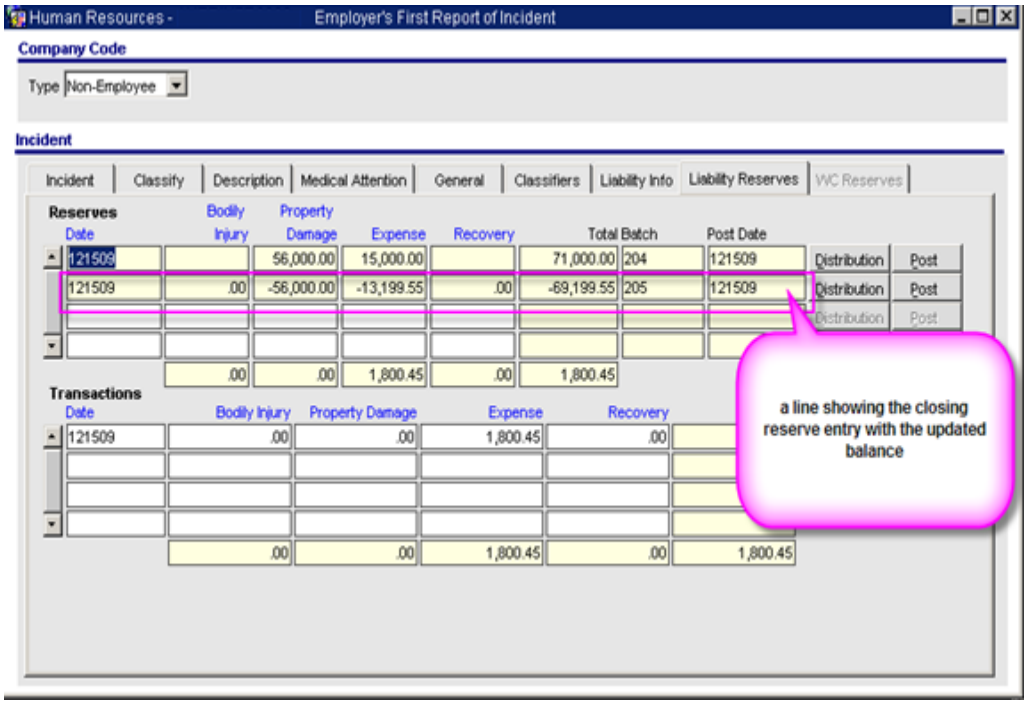


The transaction will then be posted. The resulting reports can be accessed in ***JC Utilities > Posting Reports*** and the transactions via the JC queries.

This transaction will be:

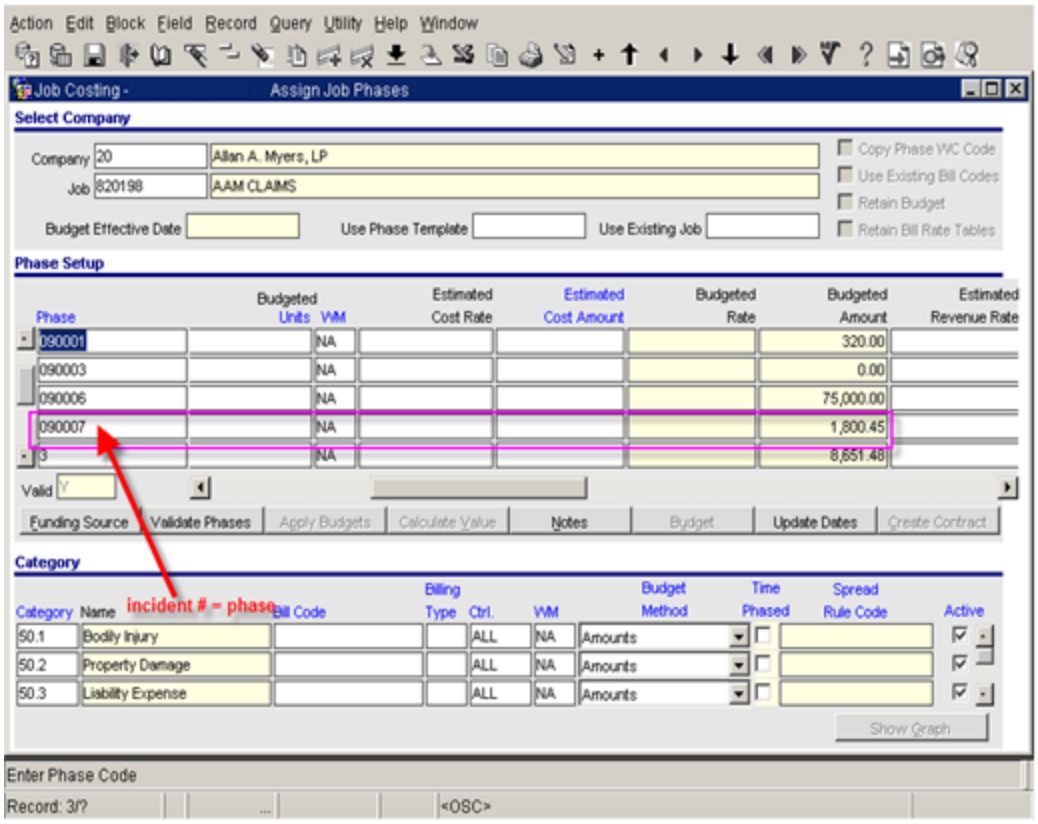
DR/CR JC - Job Incident Occurred with Total Reserve Amount minus Actual Cost Amt

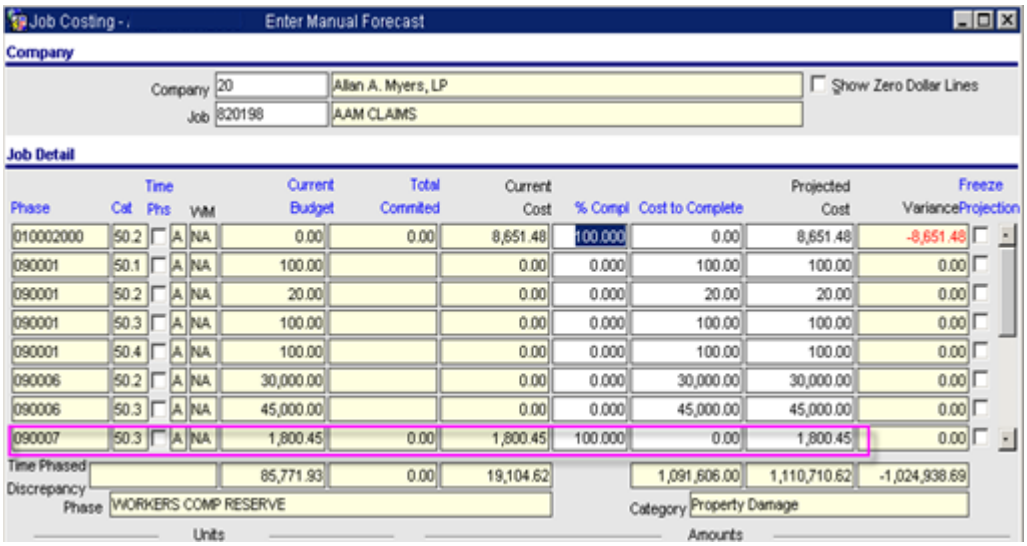
CR/DR GL – Claim Liability Account with Total Reserve minus Actual Cost Amt



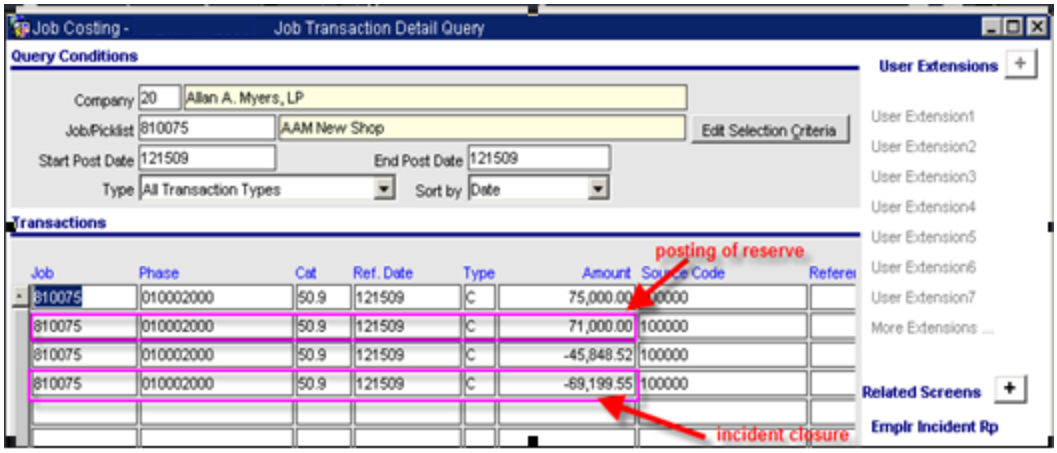
When a claim is closed the above will also occur.

The budget on the **master claim job** is being updated:

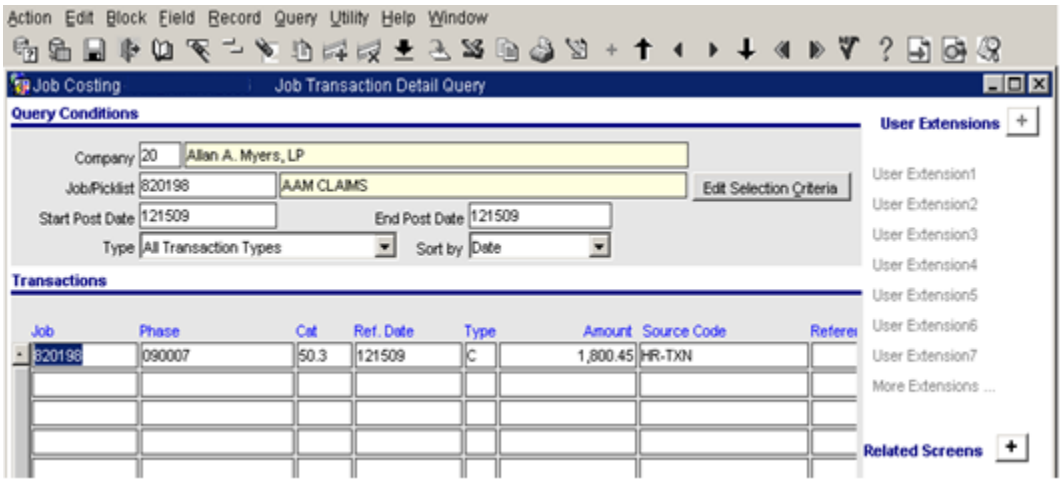




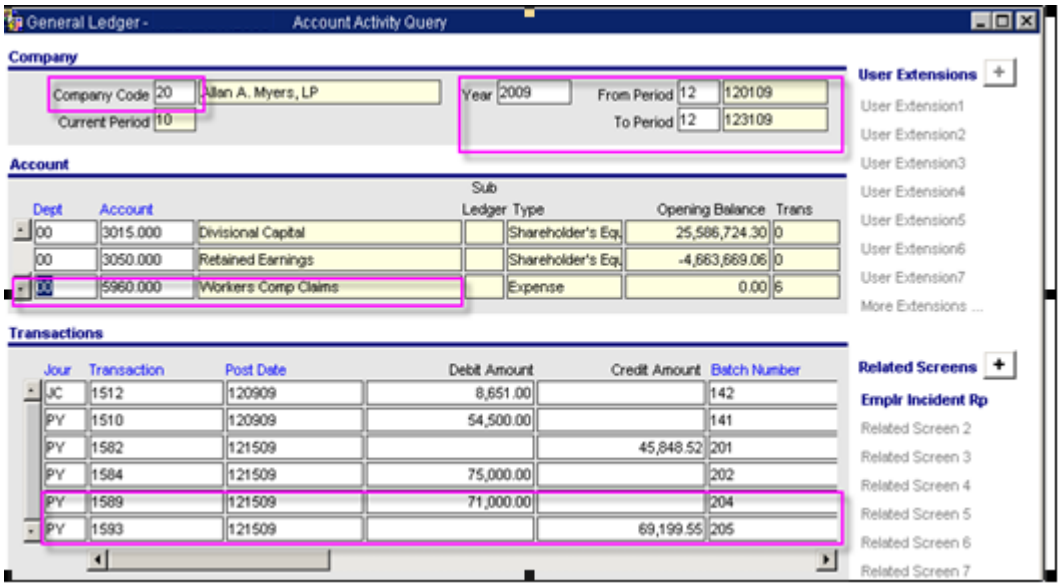
The **Incident claim job** is updated:



The only transaction against the Master Claim job is the transaction shown in the bottom section of the Reserves screen. It is also shown in the Job Transaction Query:



General Ledger:

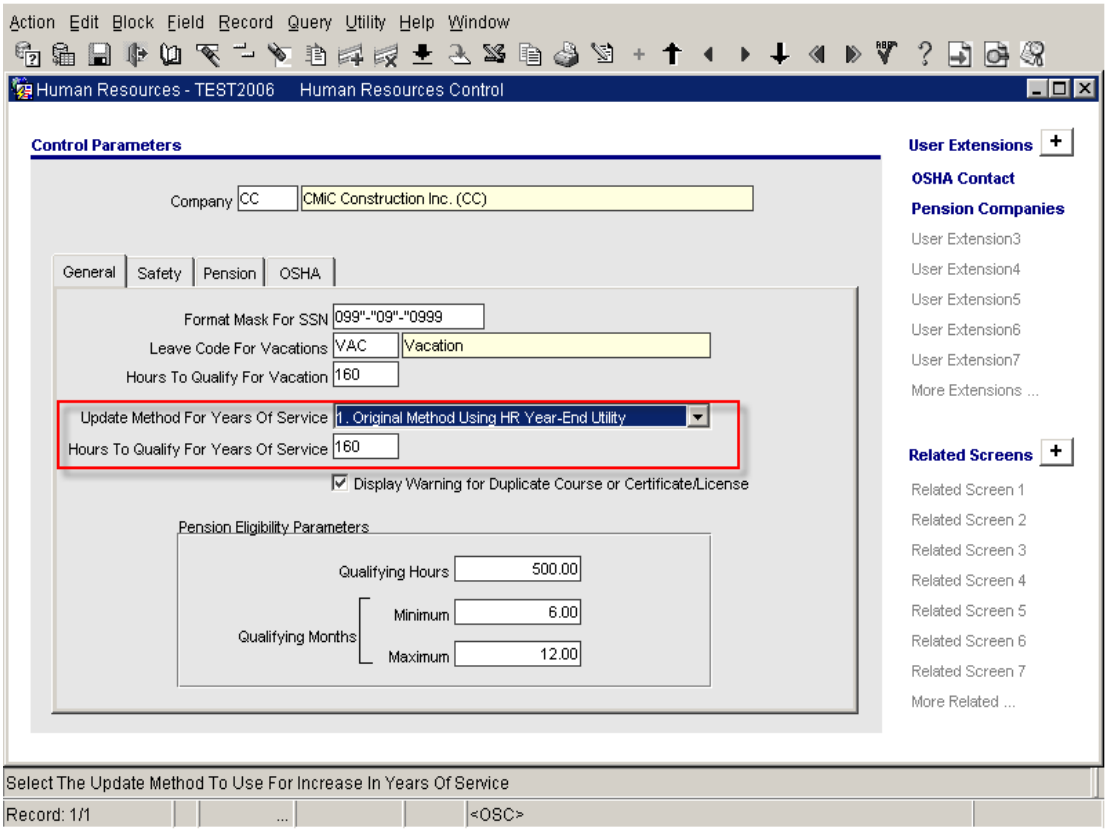


Re-opening a Closed Incident

A Closed Incident can be reopened. When this happens it retains all transactional history. The user may post a second reserve amount and continue to post costs and close again.

Years of Service Update (09.32494)

1. HR Control



NOTE: This is also in 2006 product version.

The following changes have been made to include another option for updating Years of Service:

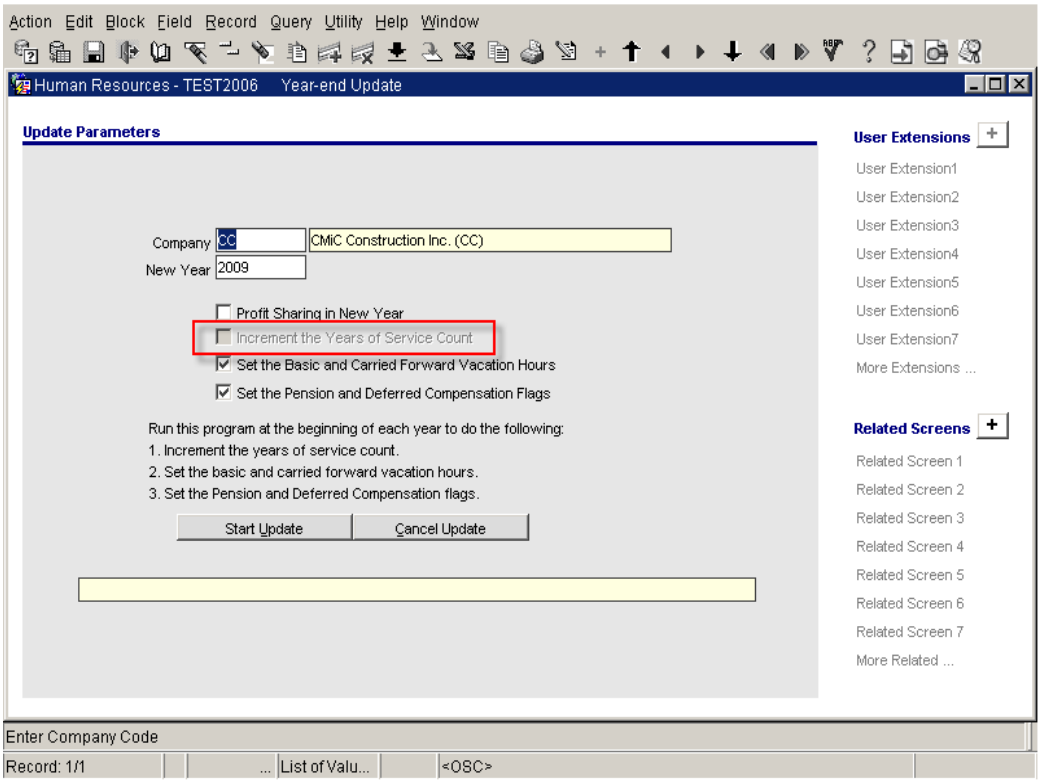
Added a drop-down list "**Update Method For Years Of Service**", to allow selection of the method to be used for updating or increasing employees' years of service. There are two options:

a) using the HR Year –End Utility (which is the original method) or

b) by Seniority Date via the new Nightly Years of Service Update Process (Years of Service is increased based on seniority date and hours worked in the prior 12 months as of a given date – intended to be the current date, used by the nightly run).

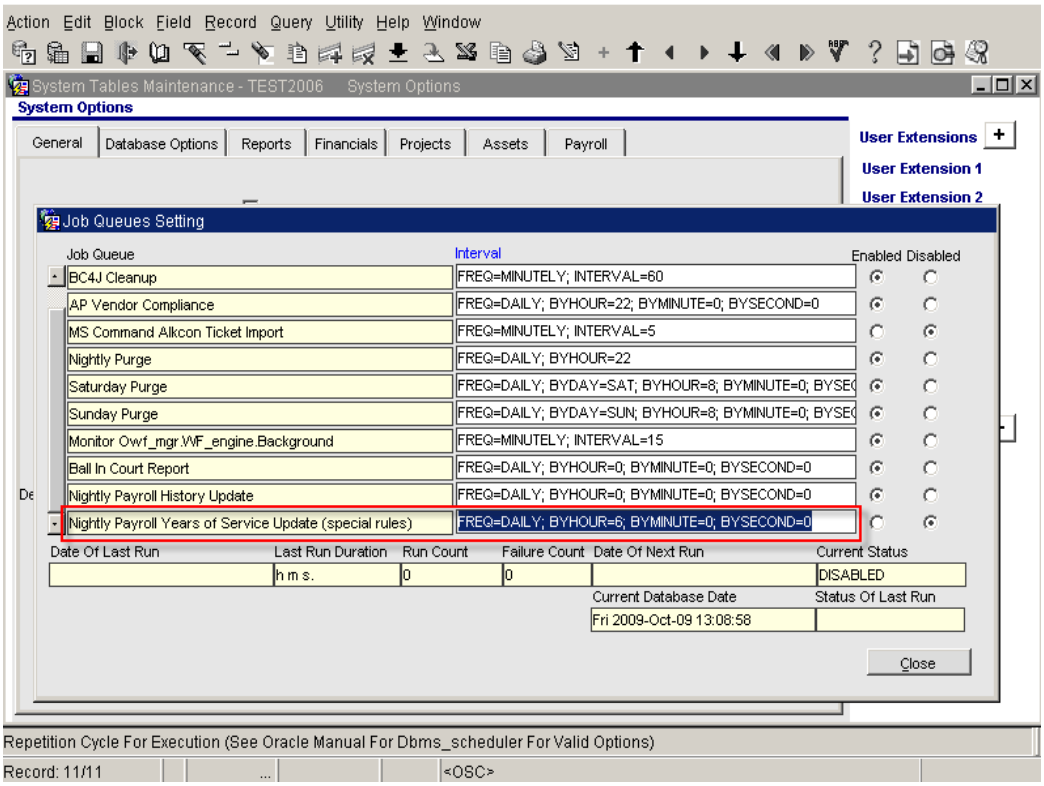
Also added the field: "**Hours To Qualify For Years Of Service**", to be used to specify the number of hours required to qualify for years of service increase. This field is mandatory when option 2 is selected from the drop-down box:

2. Year End Update



Modifications have been made to disable the checkbox "**Increment Years of Service Count**" if the years of service update method selected in the HR Control is not option 1 (HR Year-End Utility).

3. Nightly Job for Years of Service Update



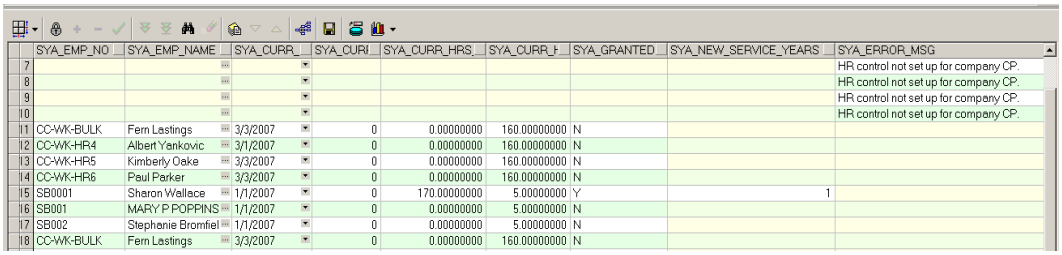
(**NOTE**: It is advisable to set this new process to run AFTER the Nightly Payroll History Update).

A nightly job "**Nightly Payroll Years of Service Update (special rules)**", has been created in the Job Queues section of System Options.

This needs to be enabled in order to run at the defined interval, which can be changed if necessary.

The results of the process (success or failure) is logged in the table: HR_SERVICE_YEARS_AUDIT.

Example:



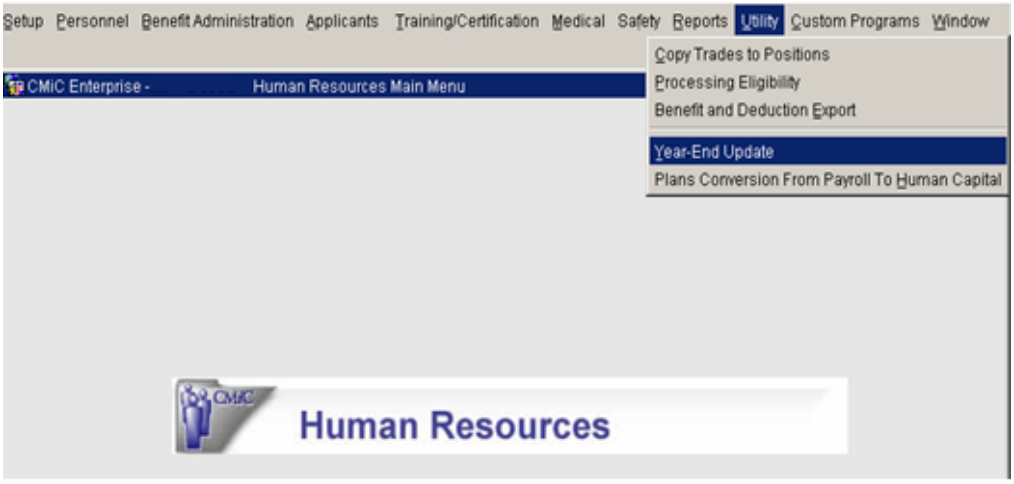
	SYA_EMP_NO	SYA_EMP_NAME	SYA_CURR_	SYA_CURI_	SYA_CURR_HRS_	SYA_CURR_H	SYA_GRANTED_	SYA_NEW_SERVICE_YEARS_	SYA_ERROR_MSG
7									HR control not set up for company CP.
8									HR control not set up for company CP.
9									HR control not set up for company CP.
10									HR control not set up for company CP.
11	CC-WK-BULK	Fern Lastings	3/3/2007	0	0.00000000	160.00000000	N		
12	CC-WK-HR4	Albert Yankovic	3/1/2007	0	0.00000000	160.00000000	N		
13	CC-WK-HR5	Kimberly Oake	3/3/2007	0	0.00000000	160.00000000	N		
14	CC-WK-HR6	Paul Parker	3/3/2007	0	0.00000000	160.00000000	N		
15	SB0001	Sharon Wallace	1/1/2007	0	170.00000000	5.00000000	Y	1	
16	SB001	MARY P POPPINS	1/1/2007	0	0.00000000	5.00000000	N		
17	SB002	Stephanie Bromfiel	1/1/2007	0	0.00000000	5.00000000	N		
18	CC-WK-BULK	Fern Lastings	3/3/2007	0	0.00000000	160.00000000	N		

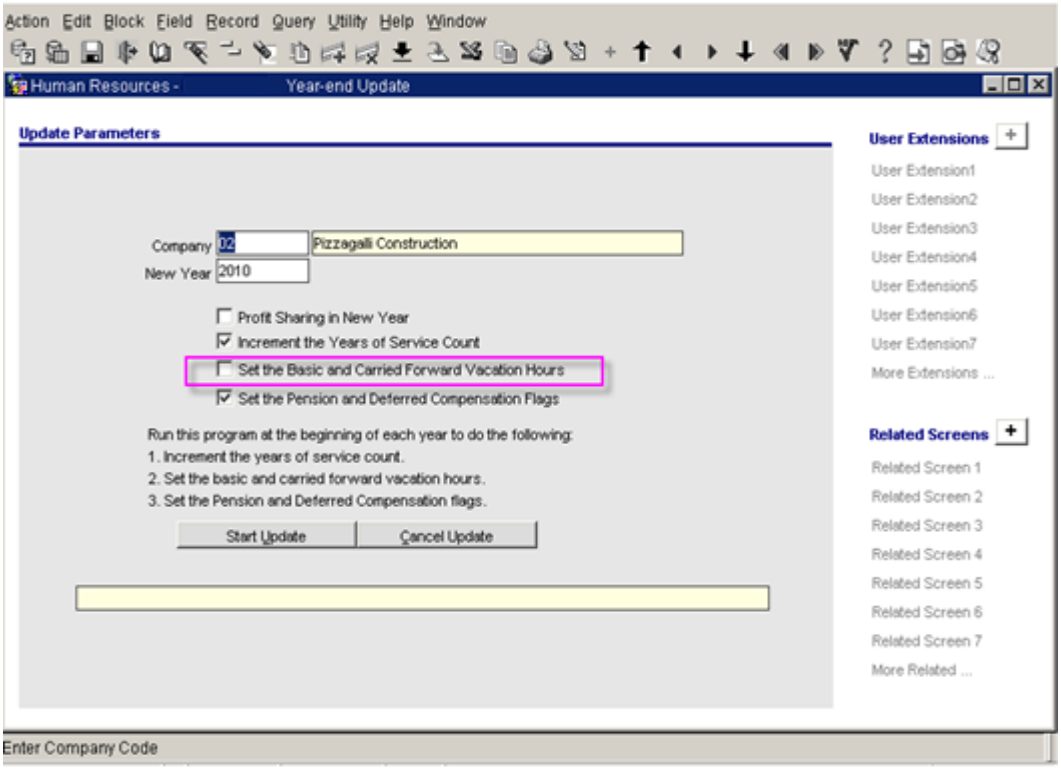
The HR Control must be set up for all companies because all employees are processed, and in order for the program to know whether an employee uses the Option 2 years of service or not, as well as to get the qualifying hours, the company code is required to access the HR Control record. If the HR Control is not set up for a company, the process will show the message "HR Control not set up for company XX" in the error message field, each time the process is run. No records will be updated in this case.

HR Year End Update – Basic and Carried Forward Vacation Hours Default (10.44094)

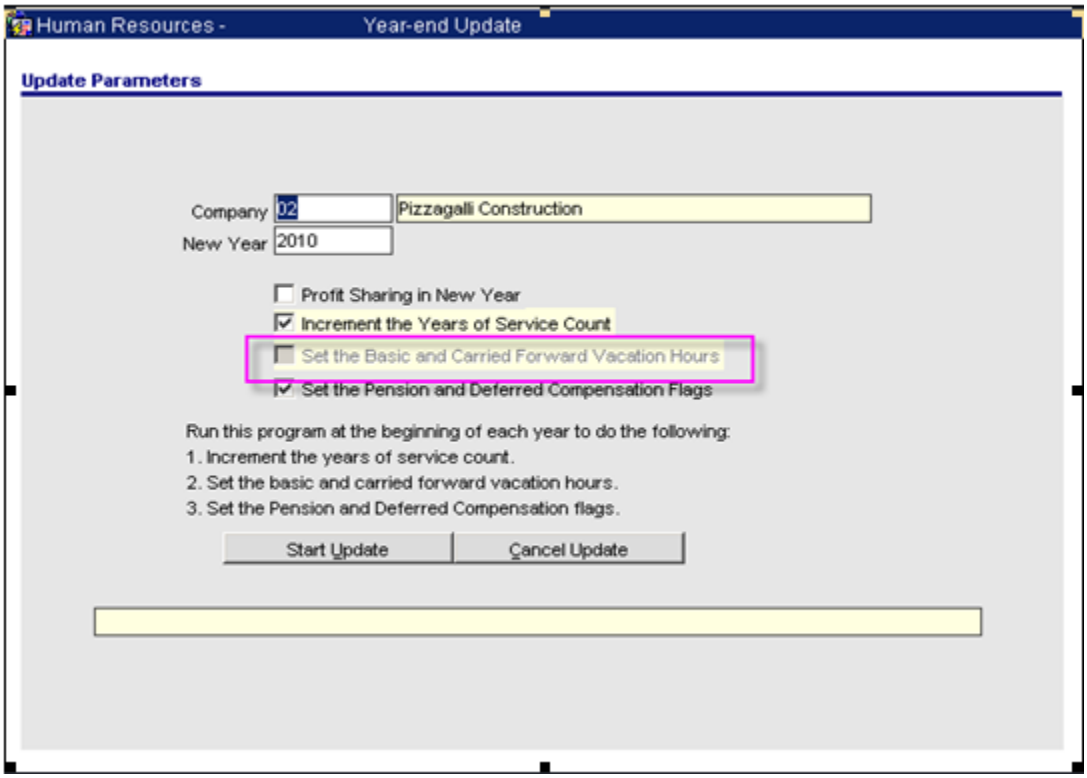
a) Added a system control file field to indicate the default value of the Year-end Update field 'Set the Basic and Carried Forward Vacation Hours'. The default value of this field is "N" (meaning 'un-checked'). This field is not visible on the HR Control file, but the value is set at the database level.

b) Changed the Year-end Update program to retrieve the value for this field from the system control file and update the flag "**Set the Basic and Carried Forward Vacation Hours**".

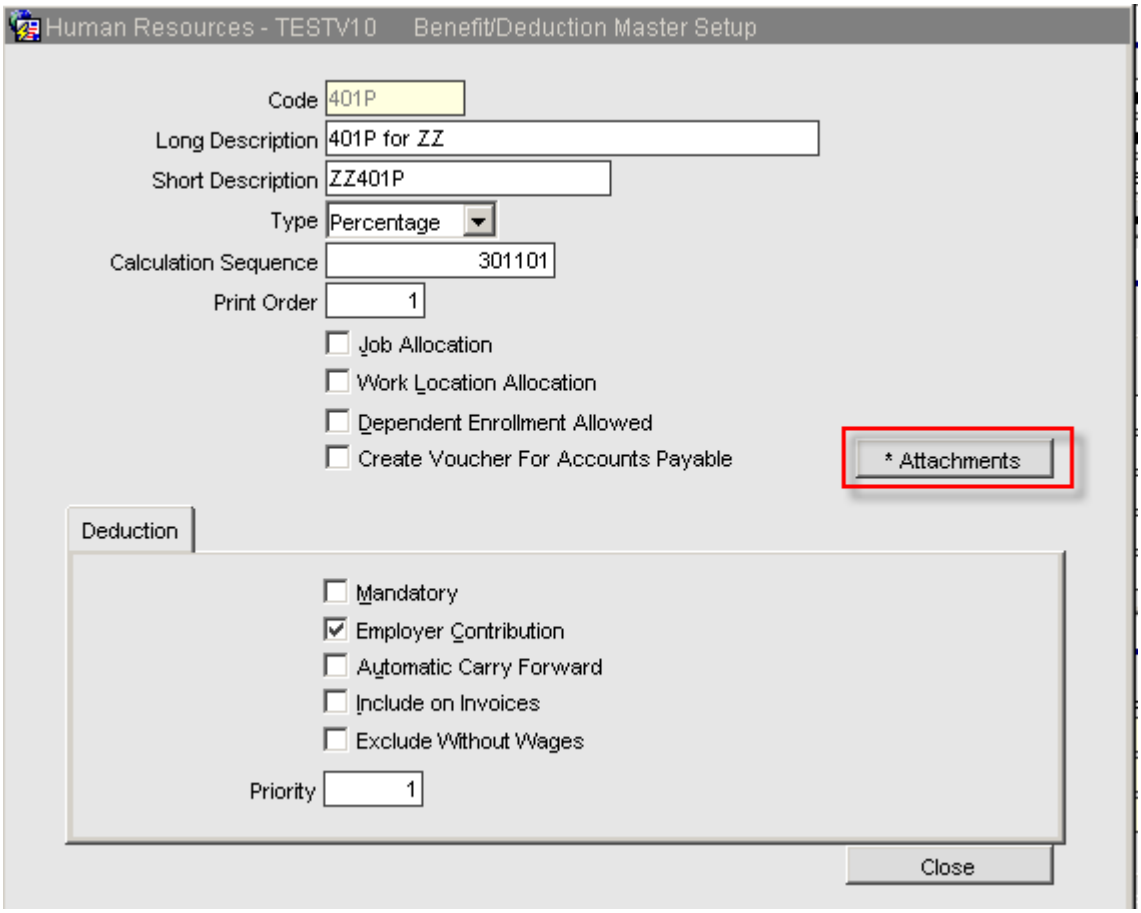




Field security can then be placed on the flag:


Human Resources -
Year-end Update
Update Parameters
Company
02
Pizzagalli Construction
New Year
2010
Profit Sharing in New Year
Increment the Years of Service Count
Set the Basic and Carried Forward Vacation Hours
Set the Pension and Deferred Compensation Flags
Run this program at the beginning of each year to do the following:
1. Increment the years of service count.
2. Set the basic and carried forward vacation hours.
3. Set the Pension and Deferred Compensation flags.
Start Update
Cancel Update

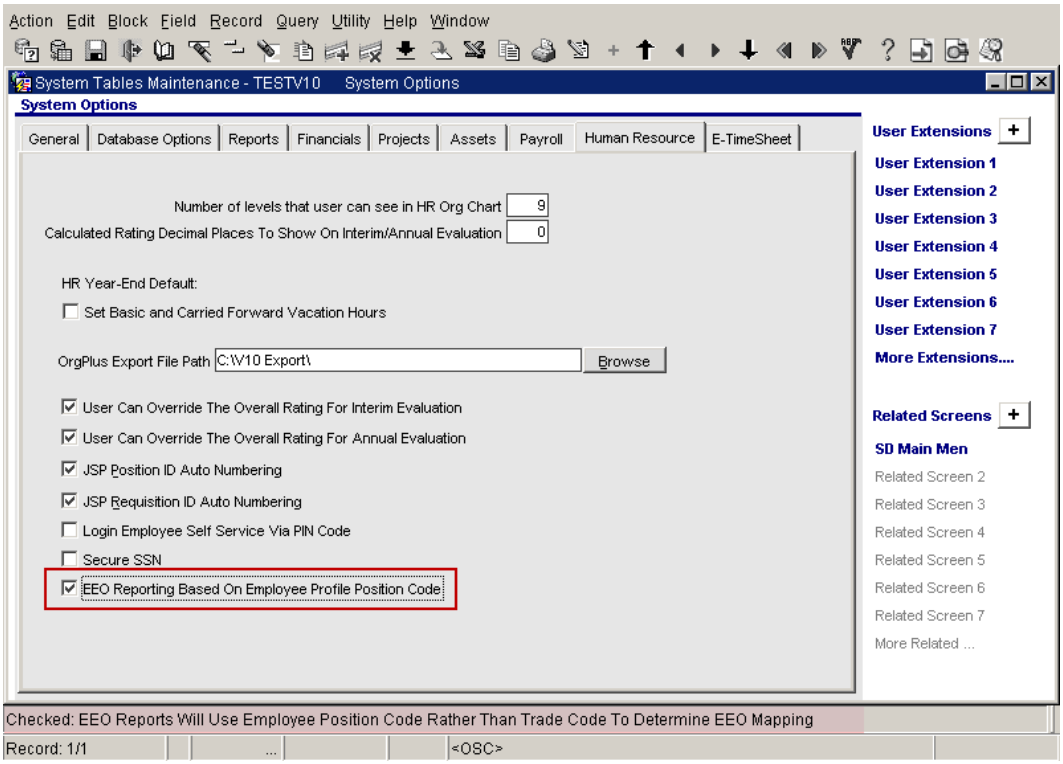
Benefit Attachment for Open Enrollment (11.59264)



An [**Attachments**] button has been added to the Benefit/Deduction Master Setup screen in the HR Benefit and Deduction Administration screen for displaying attachments in Employee Self Service – Open Enrollment. Only the Primary attachment for the benefit/deduction is displayed.

If an attachment has been added to the benefit/deduction, an Edit icon will be displayed beside the benefit/deduction in Open Enrollment in ESS for displaying the attachment.

Position Mapping for EEO Reports (11.61488)



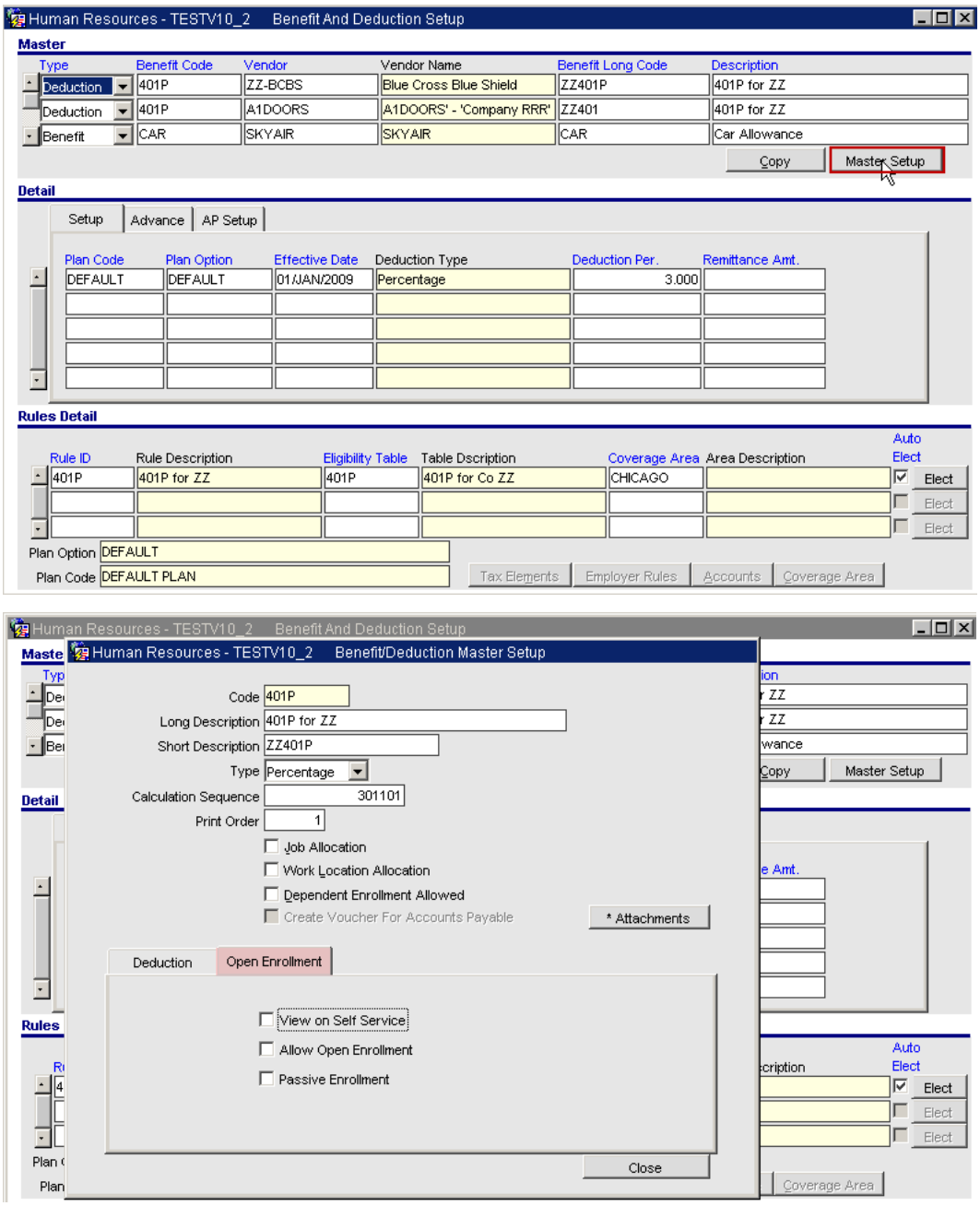
CMiC added a new System option under System - System Options – Human Resources tab called "EEO Reporting Based on Employee Profile Position Code". The new flag is considered for all EEO and VETS reports.

For the Checked flag, CMiC modified all 6 reports views and implemented an EEO POSITION mapping considering employee position code from employee profile and history directly.

Benefit/Deduction Master Screen Open Enrollment (10.48563)

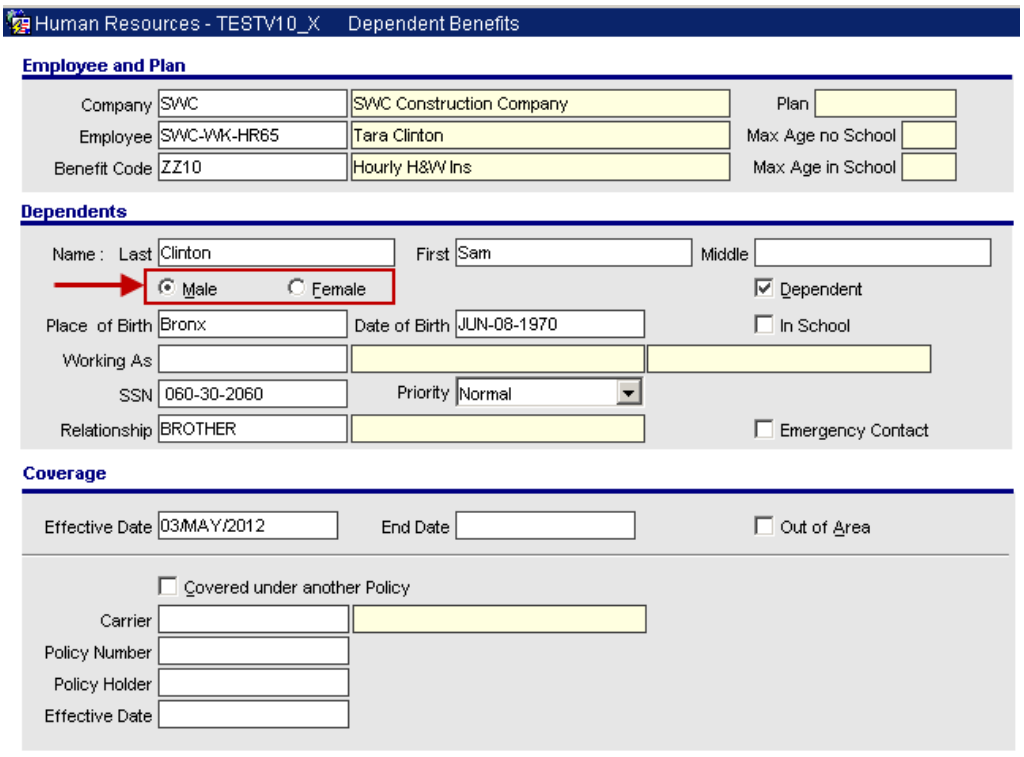
CMiC added three new checkboxes to the Benefit/Deduction master pop-up screen under a new tab called "Open Enrollment". The new checkboxes are:

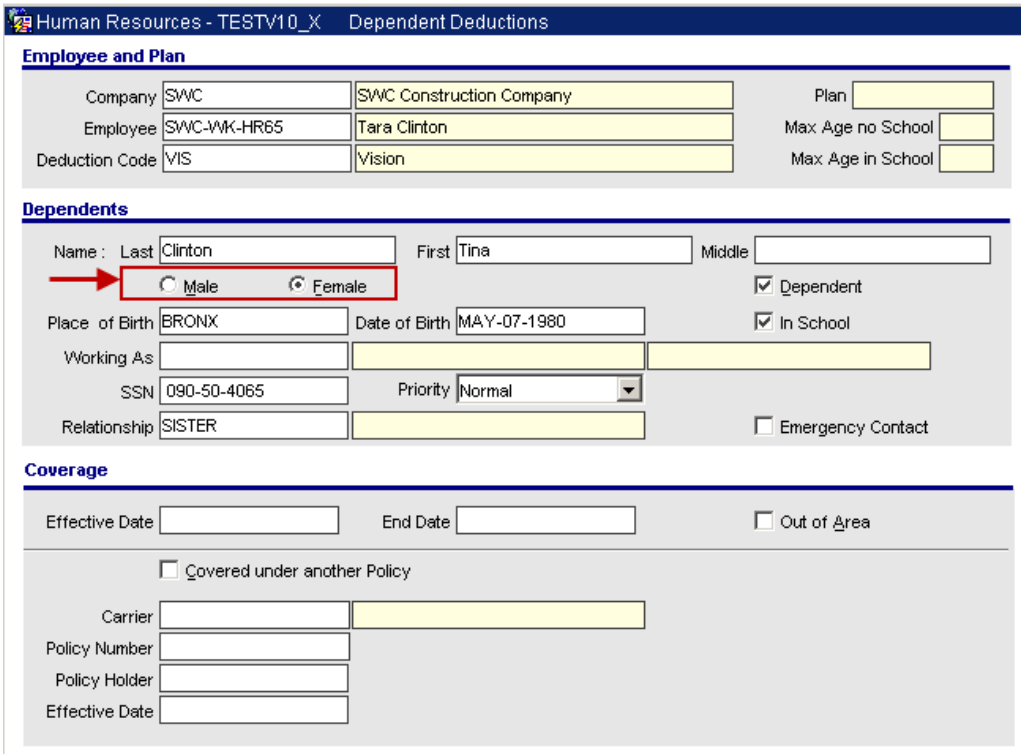
- View on Self Service – This flag will allow employees to see the benefit on ESS
- Allow Open Enrollment – This flag will allow employees to request changes to the plan
- Passive Enrollment – If checked, current elected plan will continue without additional action from employee



HR Dependent Deductions Modifications (12.66949)

CMiC modified the HR Dependent Benefits/Deductions screens to add "Gender" information to allow users to set up the correct gender for the dependents.


Human Resources - TESTV10_X Dependent Benefits
Employee and Plan
Company SWC SWC Construction Company
Plan
Employee SWC-WK-HR65 Tara Clinton
Max Age no School
Benefit Code ZZ10 Hourly H&W Ins
Max Age in School
Dependents
Name : Last Clinton First Sam Middle
Male Female
Dependent
Place of Birth Bronx Date of Birth JUN-08-1970
In School
Working As
SSN 060-30-2060 Priority Normal
Relationship BROTHER
Emergency Contact
Coverage
Effective Date 03/MAY/2012 End Date
Out of Area
Covered under another Policy
Carrier
Policy Number
Policy Holder
Effective Date


Human Resources - TESTV10_X Dependent Deductions
Employee and Plan
Company SWC SWC Construction Company
Plan
Employee SWC-WK-HR65 Tara Clinton
Max Age no School
Deduction Code VIS Vision
Max Age in School
Dependents
Name : Last Clinton First Tina Middle
Male Female
Dependent
Place of Birth BRONX Date of Birth MAY-07-1980
In School
Working As
SSN 090-50-4065 Priority Normal
Relationship SISTER
Emergency Contact
Coverage
Effective Date End Date
Out of Area
Covered under another Policy
Carrier
Policy Number
Policy Holder
Effective Date

ACA Reporting Changes (16.20066)

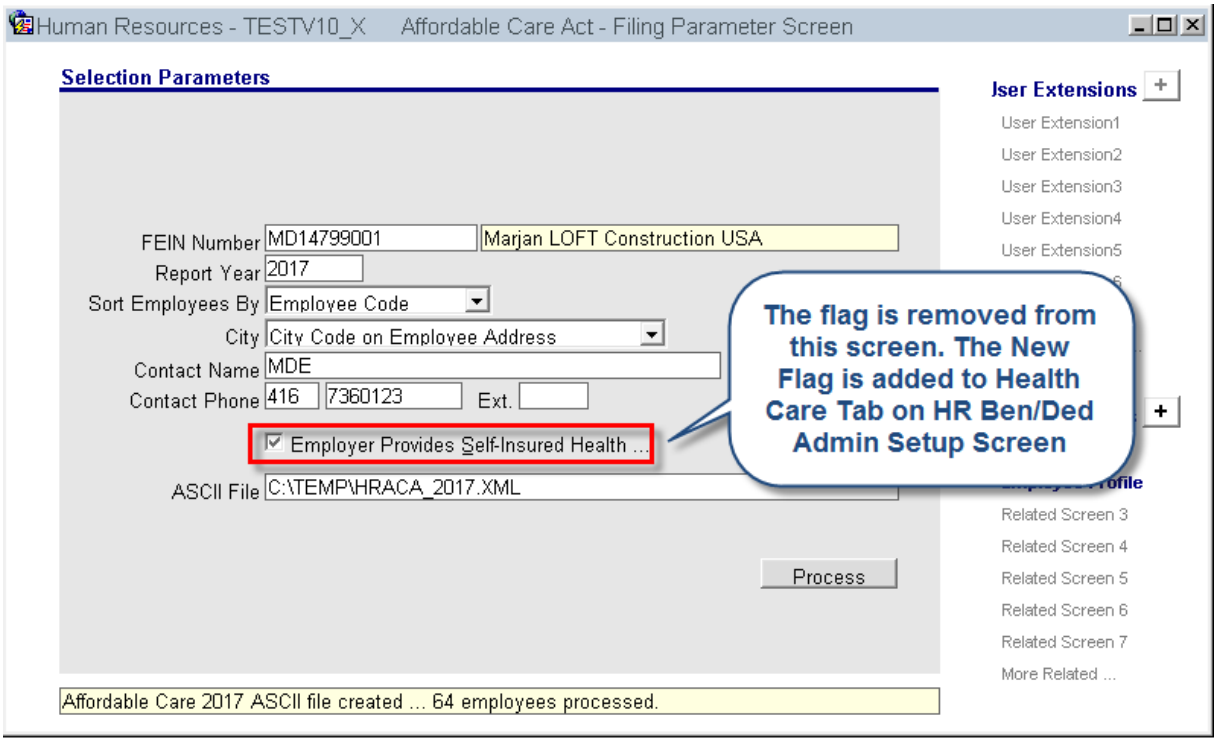
CMiC Modifications: Changes made to HR Benefit/Deduction Administration Setup screen to add a NEW Flag called 'Employer Provides Self-Insured Health Coverage'. The new flag will be considered in both the ACA monthly build and ACA monthly filing programs and processes.

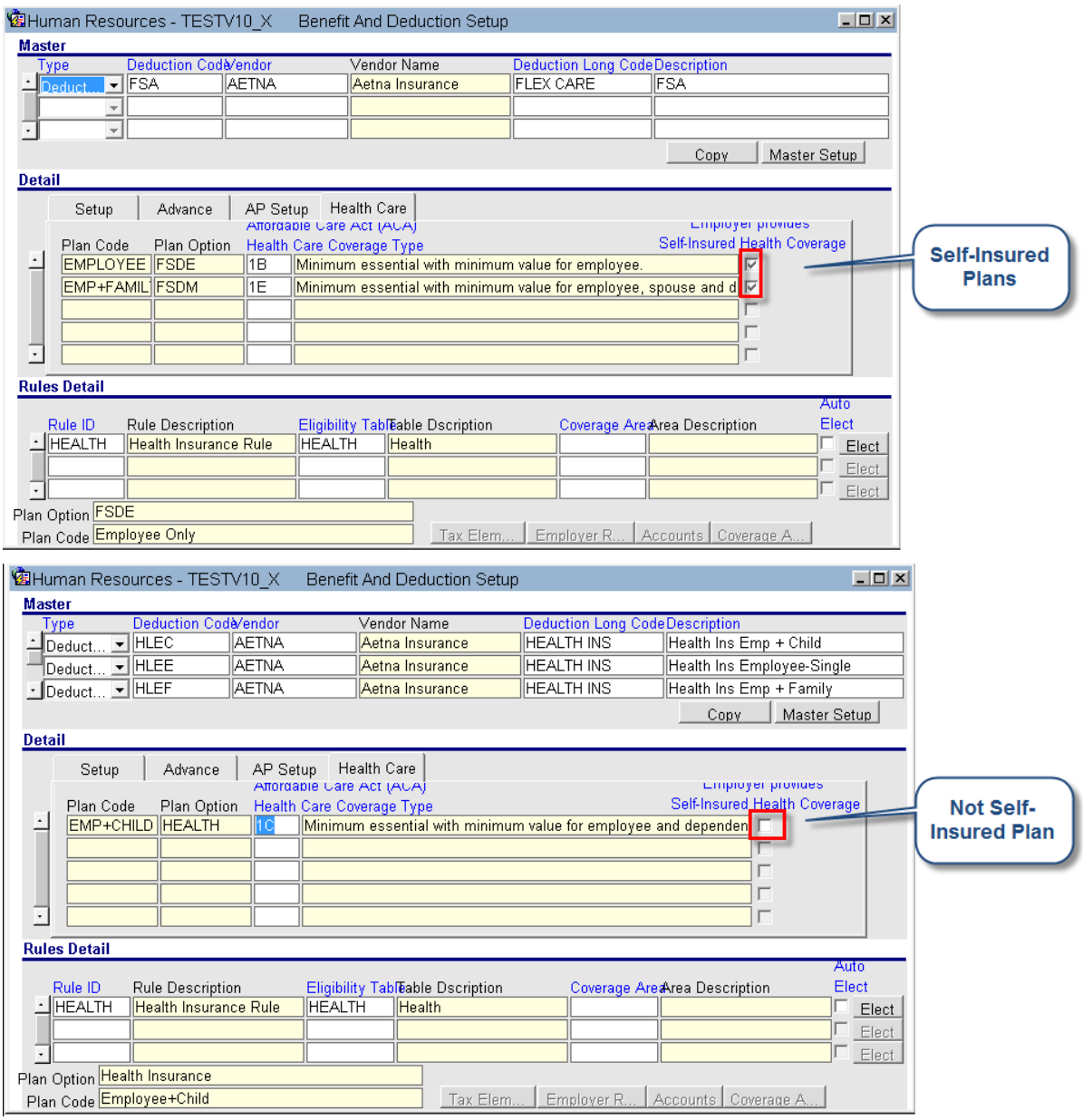
The ACA filing processes will be changes to consider the NEW flag. CMiC will record the self-insured flag value in the summary table on a month by month basis and will keep the master flag based on a monthly data. If an employee was enrolled in a self-insured plan, then CMiC will pass the flag value as 'Checked' and include the dependent information.

NOTE: The NEW 'Self-Insured' Flag only exists at the Employee Level for ACA reporting, assuming the employee was either enrolled in a self-insured plan for the entire year or not.

HR Benefit/Deduction Administration Setup Screen

Modification made to HR Benefit/Deduction Administration Setup screen to add a NEW Flag called 'Employer Provides Self-Insured Health Coverage'.





NOTE: When the new program is installed in the system, it will have the Sef-Insured Health Coverage Box Checked by default on the Benefit/Deduction Admin Setup Screen. Please ensure to review all ACA Health Care Plans on the Health Care Tab of HR Bend/Ded Screen and check or uncheck the falg check box as per your plan policy.

HR ACA Filing Programs, Processes and Reporting

The new flag will be considered in both the ACA monthly build and ACA monthly filing programs and processes. The ACA filing processes will be changes to consider the NEW flag. CMiC will record the self-insured flag value in the summary table on a month by month basis and will keep the master flag based on a monthly data. If an employee was enrolled in a self-insured plan, then CMiC will pass the flag value as 'Checked' and include the dependent information.

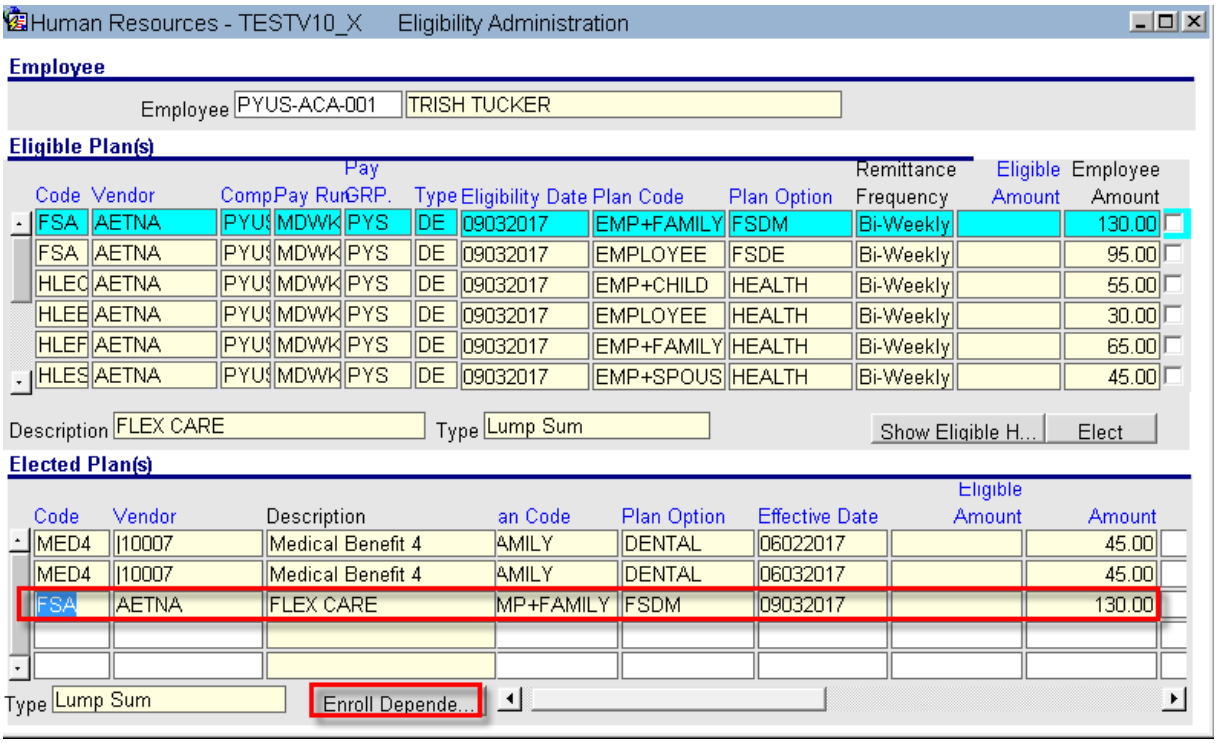
Employee – Self Insured Plan with a dependent

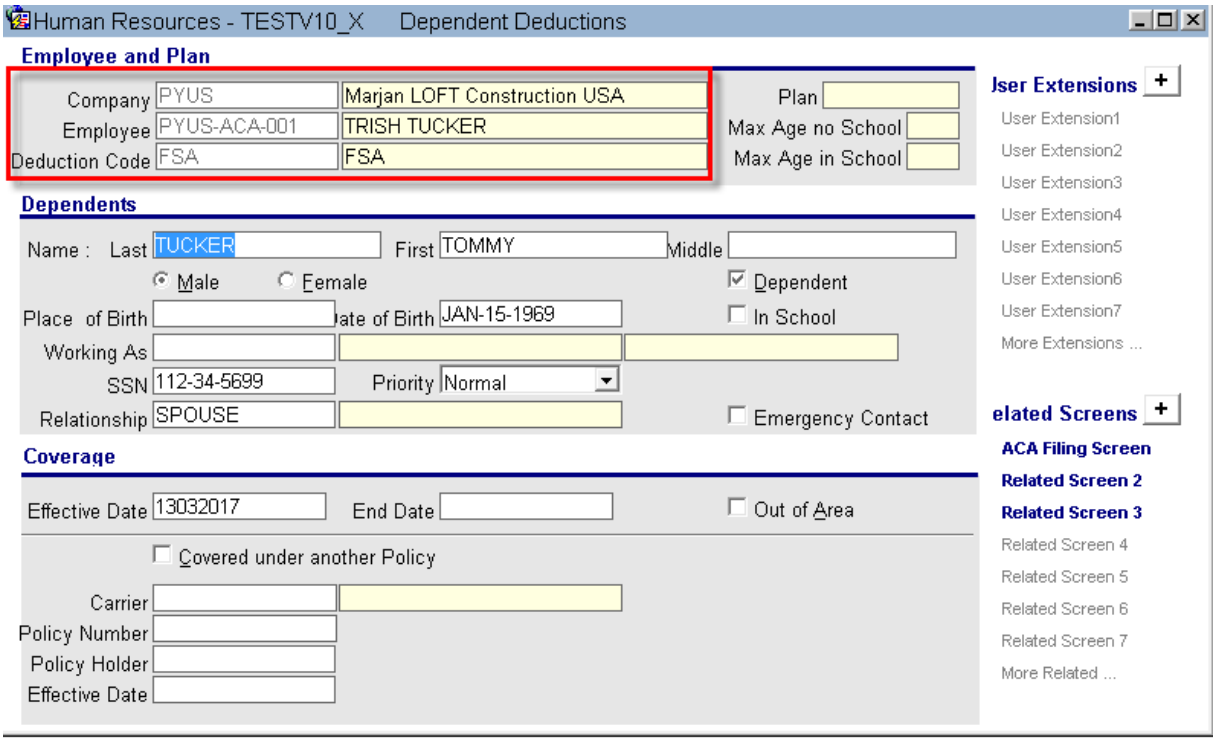
Where an Employee is enrolled in a Self-Insured Health Plan with a dependent.

The Employer Self-Insured Health Coverage Flag is Checked on the HR Benefit/Deduction Admin Screen.

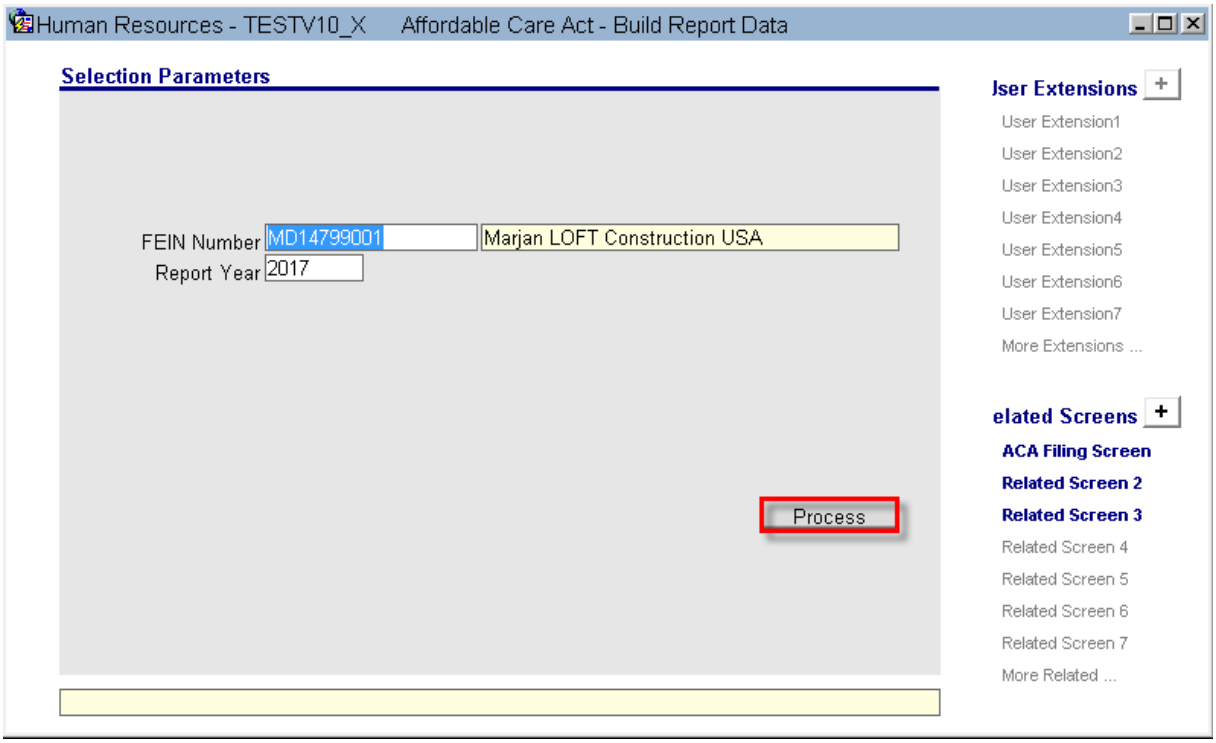
The ACA Monthly build, the ACA monthly filing program will consider the flag and generate the value as per the flag. The ACA yearly filing XML file will generate the Coverage Indicator value as 'True' for both Employee and Dependent. Dependent information should be displayed in the dependent tag with only SSN number and not date of birth (DOB).

CMiC will pass the new self-insured flag as 'Checked' and will include and record the dependent information. In the XML File, the Coverage Indicator value is generated and displayed as "True' for both Employee and Dependent. The dependent information is included and reported in the tag.

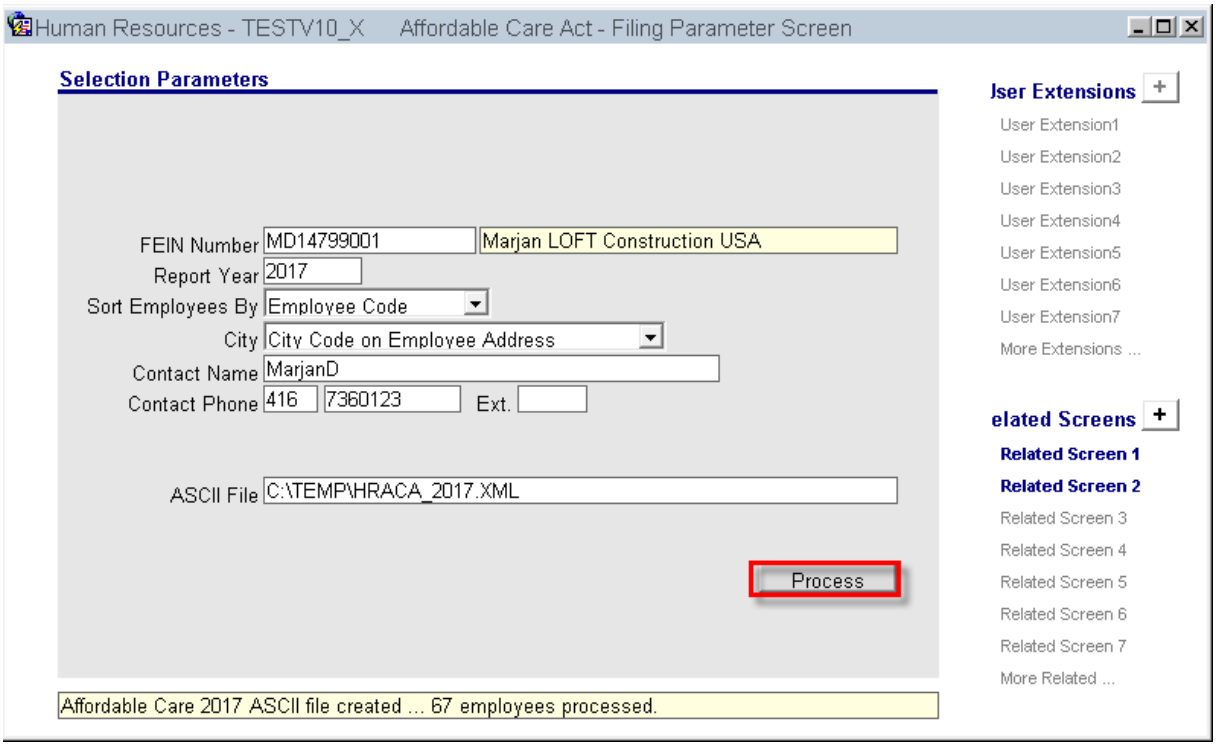




ACA – Build 1095C Report Data



ACA -1095C Filing Yearly





```
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   <FirstName Value="TRISH" />
   <LastName Value="TUCKER" />
   <eState Value="KY" />
   <eZip Value="40003" />
   <BirthDate Value="1973-06-18" />
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      <OfferOfCoverageCodeMonth1 Value="1H" />
      <OfferOfCoverageCodeMonth2 Value="1E" />
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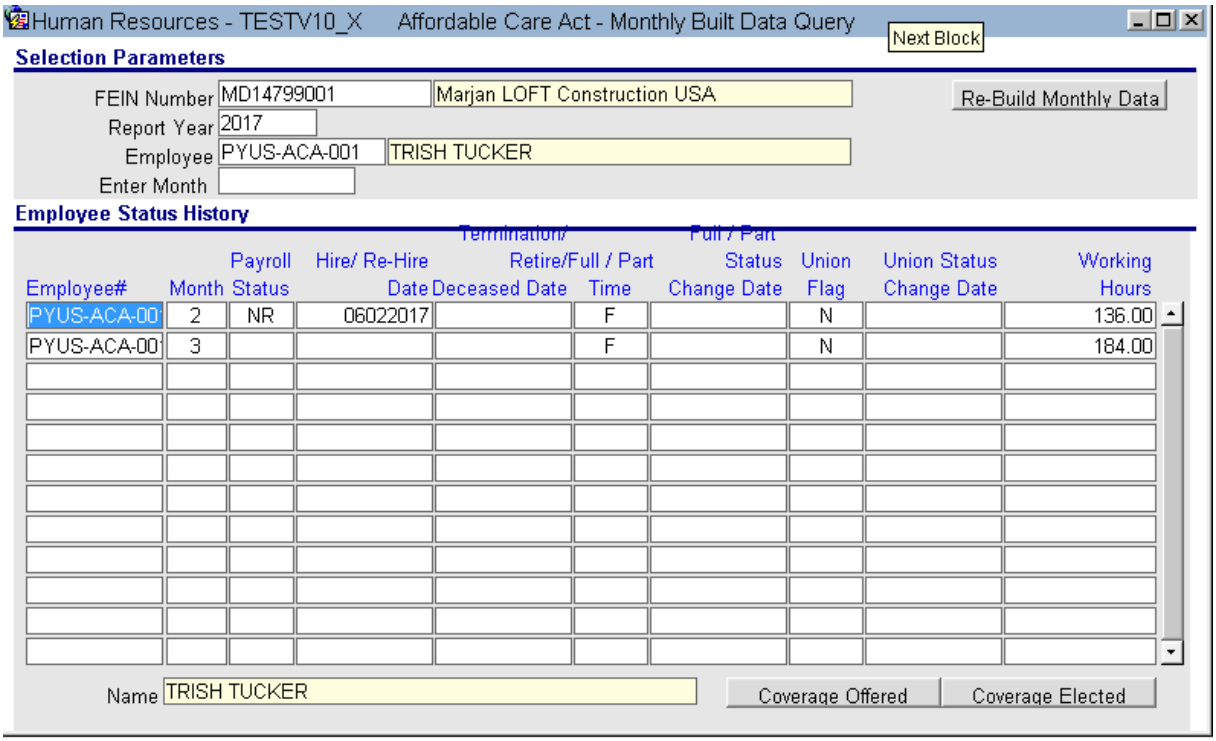
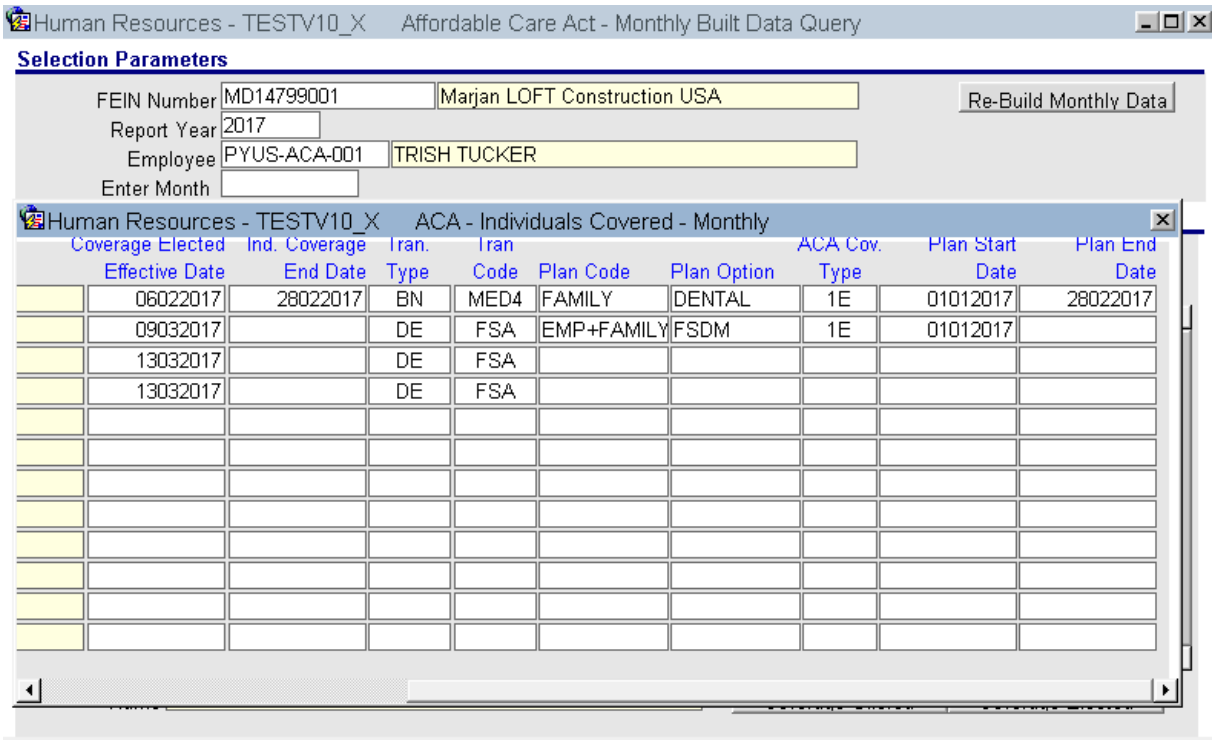
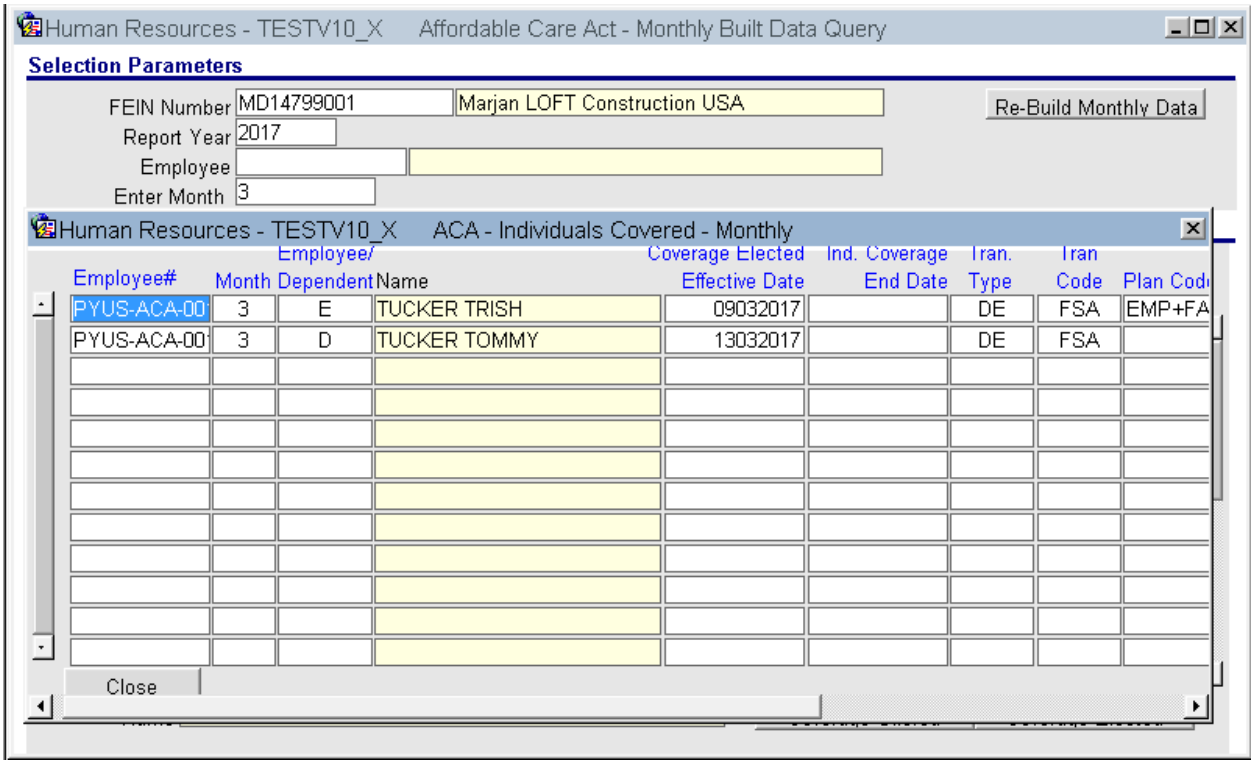
               <CoverageMonth6Indicator Value="True" />
               <CoverageMonth7Indicator Value="True" />
               <CoverageMonth8Indicator Value="True" />
               <CoverageMonth9Indicator Value="True" />
               <CoverageMonth10Indicator Value="True" />
               <CoverageMonth11Indicator Value="True" />
               <CoverageMonth12Indicator Value="True" />
            </Dependent1095C>
         </Dependent>
```

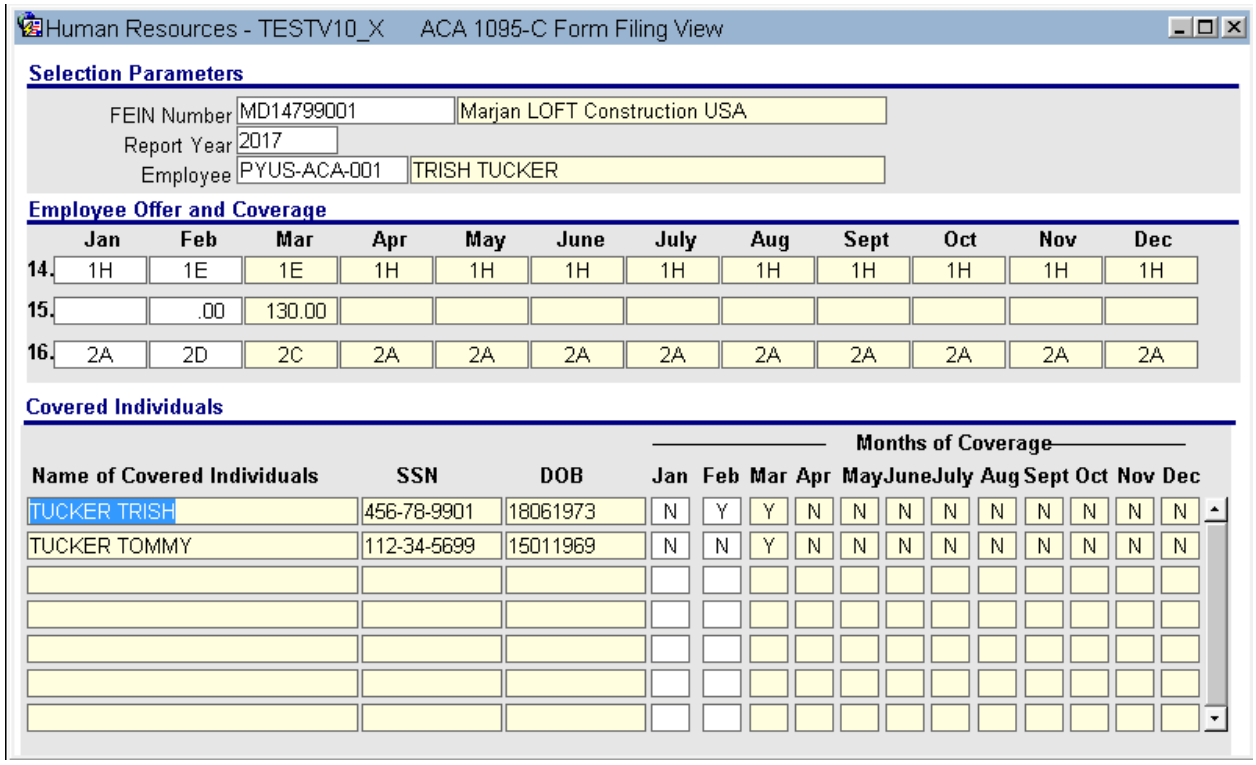
ACA – Monthly Built Data Query




Human Resources - TESTV10_X Affordable Care Act - Monthly Built Data Query
Selection Parameters
FEIN Number MD14799001 Marjan LOFT Construction USA
Report Year 2017
Employee PYUS-ACA-001 TRISH TUCKER
Enter Month
Re-Build Monthly Data
Human Resources - TESTV10_X ACA - Individuals Covered - Monthly
Coverage Elected Effective Date
Ind. Coverage End Date
Tran. Type
Tran Code
Plan Code
Plan Option
ACA Cov. Type
Plan Start Date
Plan End Date
06022017 28022017 BN MED4 FAMILY DENTAL 1E 01012017 28022017
09032017 DE FSA EMP+FAMILY FSDM 1E 01012017
13032017 DE FSA
13032017 DE FSA


Human Resources - TESTV10_X Affordable Care Act - Monthly Built Data Query
Selection Parameters
FEIN Number MD14799001 Marjan LOFT Construction USA
Report Year 2017
Employee
Enter Month 3
Re-Build Monthly Data
Human Resources - TESTV10_X ACA - Individuals Covered - Monthly
Employee#
Month
Employee/ Dependent
Name
Coverage Elected Effective Date
Ind. Coverage End Date
Tran. Type
Tran Code
Plan Code
PYUS-ACA-00 3 E TUCKER TRISH 09032017 DE FSA EMP+FA
PYUS-ACA-00 3 D TUCKER TOMMY 13032017 DE FSA
Close

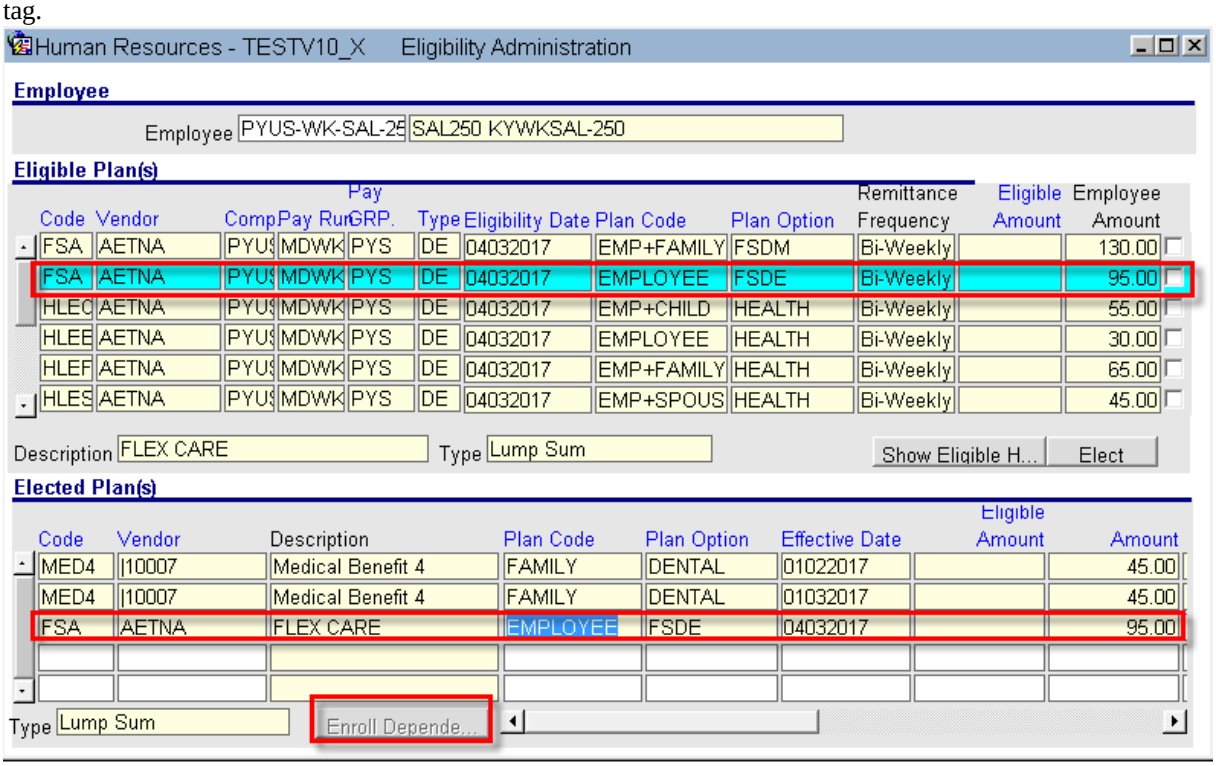
ACA – Form Filing View



Employee – Self Insured Plan without a dependent

Where an Employee is enrolled in a Self-Insured Health Plan, but without a Dependent; Self-Insured Plan is Checked on the HR Benefit/Deduction Admin Screen. CMiC will pass the new self-insured flag as 'Checked' but with no dependent information to report and record. In the XML File, the Coverage Indicator value is generated and displayed as "True' for both Employee and Dependent. But with no dependent information displayed and reported in the

tag.




```
        </Employee1095C>
    </Employee>
    <Employee EmployeeID="PYUS-WK-SAL-250">
        <SSN Value="223612996" />
        <FirstName Value="SAL250" />
        <LastName Value="KYWKSAL-250" />
        <eAddress2 Value="Ezel, Morgan County" />
        <eState Value="KY" />
        <eZip Value="41425" />
        <BirthDate Value="1964-03-21" />
        <Employee1095C>
            <EmployerProvidedCoverageIndicator Value="True" />
            <OfferOfCoverageCodeMonth1 Value="1H" />
            <OfferOfCoverageCodeMonth2 Value="1E" />
            <OfferOfCoverageCodeMonth3 Value="1E" />
            <OfferOfCoverageCodeMonth4 Value="1E" />
            <OfferOfCoverageCodeMonth5 Value="1E" />
            <OfferOfCoverageCodeMonth6 Value="1E" />
            <OfferOfCoverageCodeMonth7 Value="1E" />
            <OfferOfCoverageCodeMonth8 Value="1E" />
            <OfferOfCoverageCodeMonth9 Value="1E" />
            <OfferOfCoverageCodeMonth10 Value="1E" />
            <OfferOfCoverageCodeMonth11 Value="1E" />
            <OfferOfCoverageCodeMonth12 Value="1E" />
            <EmployeeShareMonth2 Value="0" />
            <EmployeeShareMonth3 Value="130" />
```

```
</Employee1095C>
<Dependent DependentID="0">
   <dSSN Value="223612996" />
   <dFirstName Value="SAL250" />
   <dLastName Value="KYWKSAL-250" />
   <Dependent1095C>
      <CoverageMonth2Indicator Value="True" />
      <CoverageMonth3Indicator Value="True" />
      <CoverageMonth4Indicator Value="True" />
      <CoverageMonth5Indicator Value="True" />
      <CoverageMonth6Indicator Value="True" />
      <CoverageMonth7Indicator Value="True" />
      <CoverageMonth8Indicator Value="True" />
      <CoverageMonth9Indicator Value="True" />
      <CoverageMonth10Indicator Value="True" />
      <CoverageMonth11Indicator Value="True" />
      <CoverageMonth12Indicator Value="True" />
   </Dependent1095C>
</Dependent>
</Employee>
```

Dependent Tag with no dependent information. Coverage Indicator is True for Sel-Insured Plan.

Human Resources - TESTV10_X ACA 1095-C Form Filing View

Selection Parameters

FEIN Number	MD14799001	Marjan LOFT Construction USA
Report Year	2017	
Employee	PYUS-WK-SAL-25	SAL250 KYWKSAL-250

Employee Offer and Coverage

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
14.	1H	1E	1E	1H	1H	1H	1H	1H	1H	1H	1H	1H
15.		.00	130.00									
16.	2A	2D	2C	2A	2A	2A	2A	2A	2A	2A	2A	2A

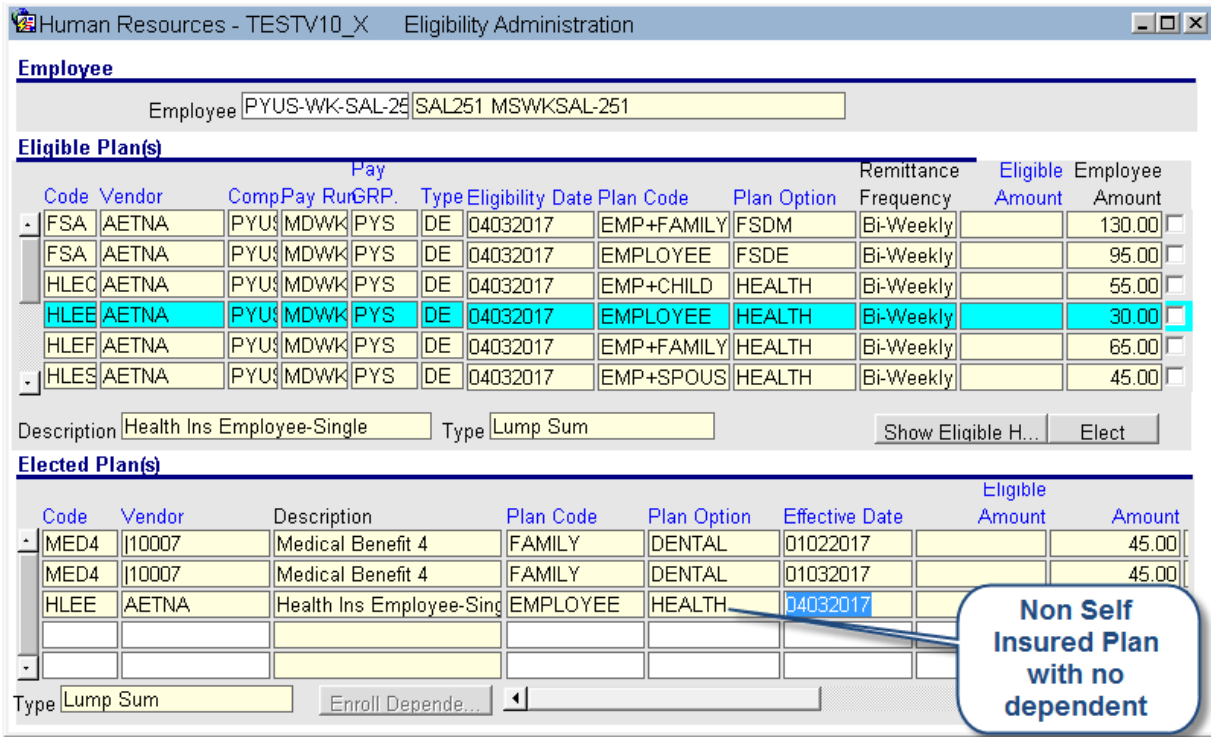
Covered Individuals

			Months of Coverage											
Name of Covered Individuals	SSN	DOB	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
KYWKSAL-250 SAL250	223-61-2996	21031964	N	Y	Y	N	N	N	N	N	N	N	N	N

Employee – Non-Self Insured Plan without a dependent

Where an Employee is enrolled in non-Self-Insured Health Plan and has no dependent. i.e, Health Plan and Option is not Self-Insured and employee has no dependent enrolled. Self-Insured is not Unchecked on the HR Ben/De Administration form.

CMiC will pass the flag value as 'Unchecked'. The Coverage Indicator Tag and value will display as "False' with no dependent information tag.




```
</Employee>
<Employee EmployeeID="PYUS-WK-SAL-251">
   <SSN Value="889903457" />
   <FirstName Value="SAL251" />
   <LastName Value="MSWKSAL-251" />
   <eState Value="MS" />
   <eZip Value="38602" />
   <BirthDate Value="1963-07-15" />
   <Employee1095C>
      <EmployerProvidedCoverageIndicator Value="False" />
      <OfferOfCoverageCodeMonth1 Value="1H" />
      <OfferOfCoverageCodeMonth2 Value="1E" />
      <OfferOfCoverageCodeMonth3 Value="1E" />
      <OfferOfCoverageCodeMonth4 Value="1E" />
      <OfferOfCoverageCodeMonth5 Value="1E" />
      <OfferOfCoverageCodeMonth6 Value="1E" />
      <OfferOfCoverageCodeMonth7 Value="1E" />
      <OfferOfCoverageCodeMonth8 Value="1E" />
      <OfferOfCoverageCodeMonth9 Value="1E" />
      <OfferOfCoverageCodeMonth10 Value="1E" />
      <OfferOfCoverageCodeMonth11 Value="1E" />
      <OfferOfCoverageCodeMonth12 Value="1E" />
      <EmployeeShareMonth2 Value="0" />
      <EmployeeShareMonth3 Value="130" />
```

```
                <OfferOfCoverageCodeMonth1 Value="1H" />
                <OfferOfCoverageCodeMonth2 Value="1E" />
                <OfferOfCoverageCodeMonth3 Value="1E" />
                <OfferOfCoverageCodeMonth4 Value="1E" />
                <OfferOfCoverageCodeMonth5 Value="1E" />
                <OfferOfCoverageCodeMonth6 Value="1E" />
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                <OfferOfCoverageCodeMonth9 Value="1E" />
                <OfferOfCoverageCodeMonth10 Value="1E" />
                <OfferOfCoverageCodeMonth11 Value="1E" />
                <OfferOfCoverageCodeMonth12 Value="1E" />
                <EmployeeShareMonth2 Value="0" />
                <EmployeeShareMonth3 Value="130" />
                <EmployeeShareMonth4 Value="130" />
                <EmployeeShareMonth5 Value="130" />
                <EmployeeShareMonth6 Value="130" />
                <EmployeeShareMonth7 Value="130" />
                <EmployeeShareMonth8 Value="130" />
                <EmployeeShareMonth9 Value="130" />
                <EmployeeShareMonth10 Value="130" />
                <EmployeeShareMonth11 Value="130" />
                <EmployeeShareMonth12 Value="130" />
                <Section4980HCodeMonth1 Value="2A" />
                <Section4980HCodeMonth2 Value="2C" />
                <Section4980HCodeMonth3 Value="2C" />
                <Section4980HCodeMonth4 Value="2C" />
                <Section4980HCodeMonth5 Value="2C" />
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                <Section4980HCodeMonth7 Value="2C" />
                <Section4980HCodeMonth8 Value="2C" />
                <Section4980HCodeMonth9 Value="2C" />
                <Section4980HCodeMonth10 Value="2C" />
                <Section4980HCodeMonth11 Value="2C" />
                <Section4980HCodeMonth12 Value="2C" />
            </Employee1095C>
        </Employee>
    </Employees>
    <Company1094CInfo>
        <AuthoritativeTransmittalIndicator Value="True" />
        <TotalFormsFiledByALE Value="67" />
        <FullTimeEmployeeCountMonth1 Value="52" />
        <FullTimeEmployeeCountMonth2 Value="67" />
        <FullTimeEmployeeCountMonth3 Value="67" />
```

There is no 'Dependent' Tag

Human Resources - TESTV10_X ACA 1095-C Form Filing View

Selection Parameters

FEIN Number: MD14799001 — Marjan LOFT Construction USA
Report Year: 2017
Employee: PYUS-WK-SAL-25 — SAL251 MSWKSAL-251

Employee Offer and Coverage

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
14.	1H	1E	1E	1H	1H	1H	1H	1H	1H	1H	1H	1H
15.		.00	130.00									
16.	2A	2D	2C	2A	2A	2A	2A	2A	2A	2A	2A	2A

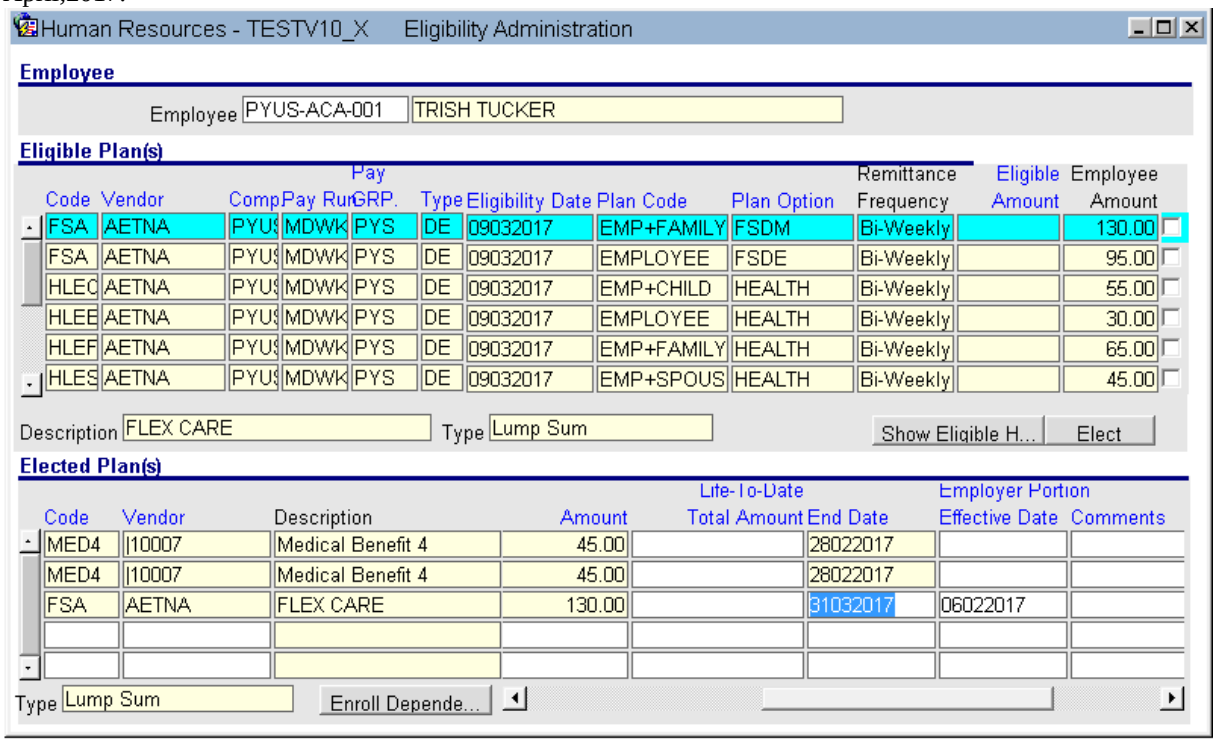
Covered Individuals

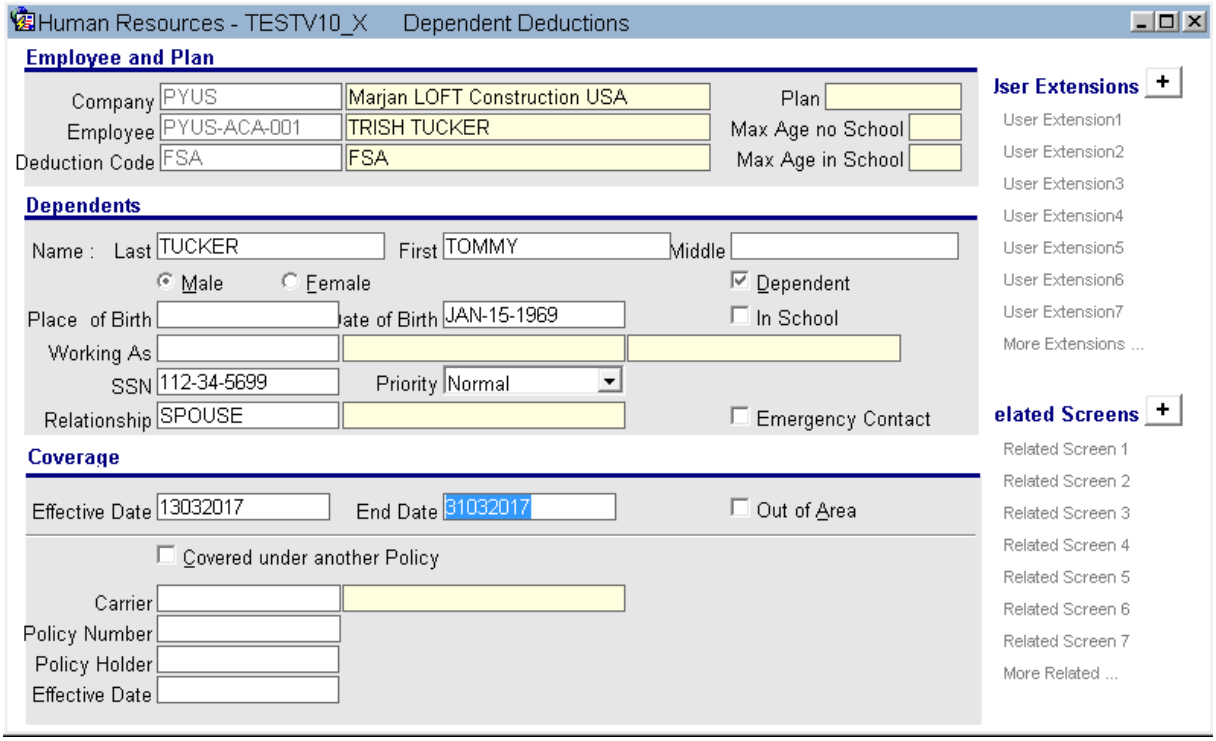
			Months of Coverage											
Name of Covered Individuals	SSN	DOB	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
MSWKSAL-251 SAL251	889-90-3457	15071963	N	Y	Y	N	N	N	N	N	N	N	N	N

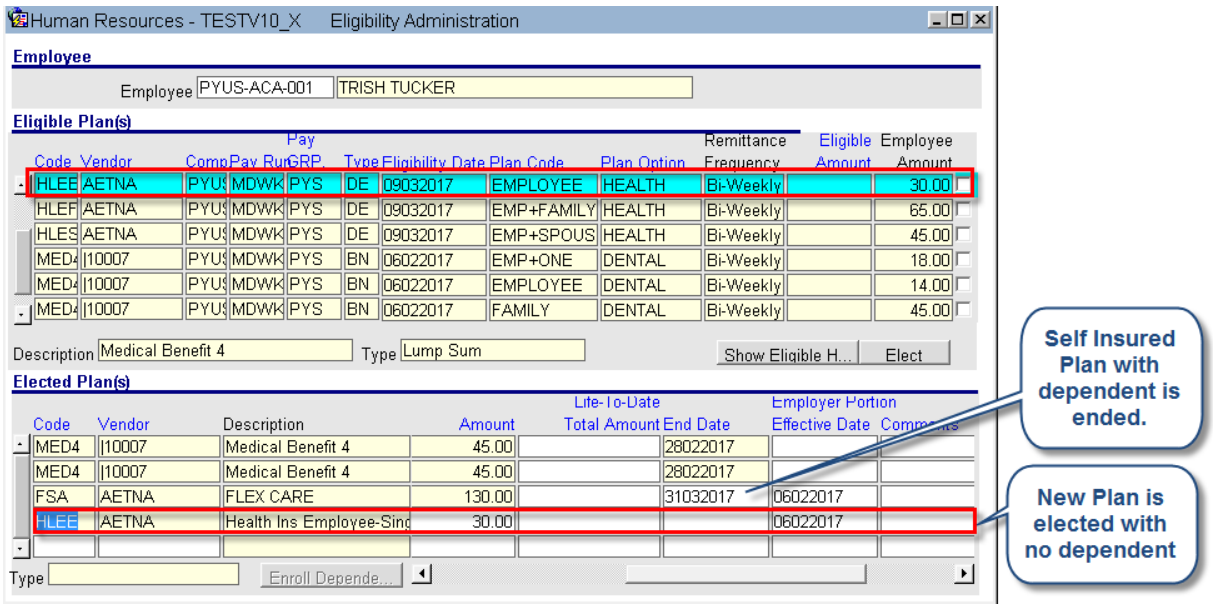
Employee – Changed Plan

Where an Employee was enrolled in a Self-Insured Health Plan with dependent but changed to a non-Self Insured Health Plan mid-year, CMiC will record the self-insured flag value in the summary table on a month by month basis and will keep the master flag based on a monthly data. With the new employee health plan option CMiC will consider the flag value as 'Unchecked' at employee level.

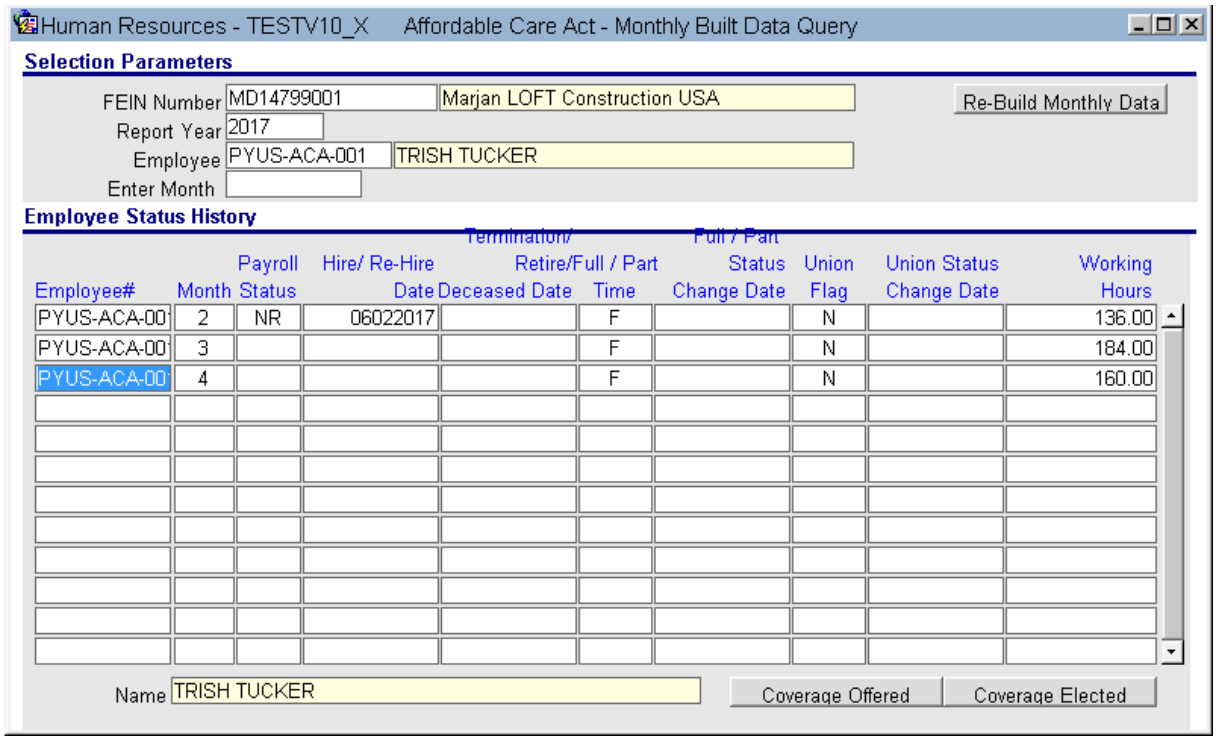
Scenario: Employee Self Insured Health Plan was ended, and a enrolled in a non-Self Insured plan starting April,2017.



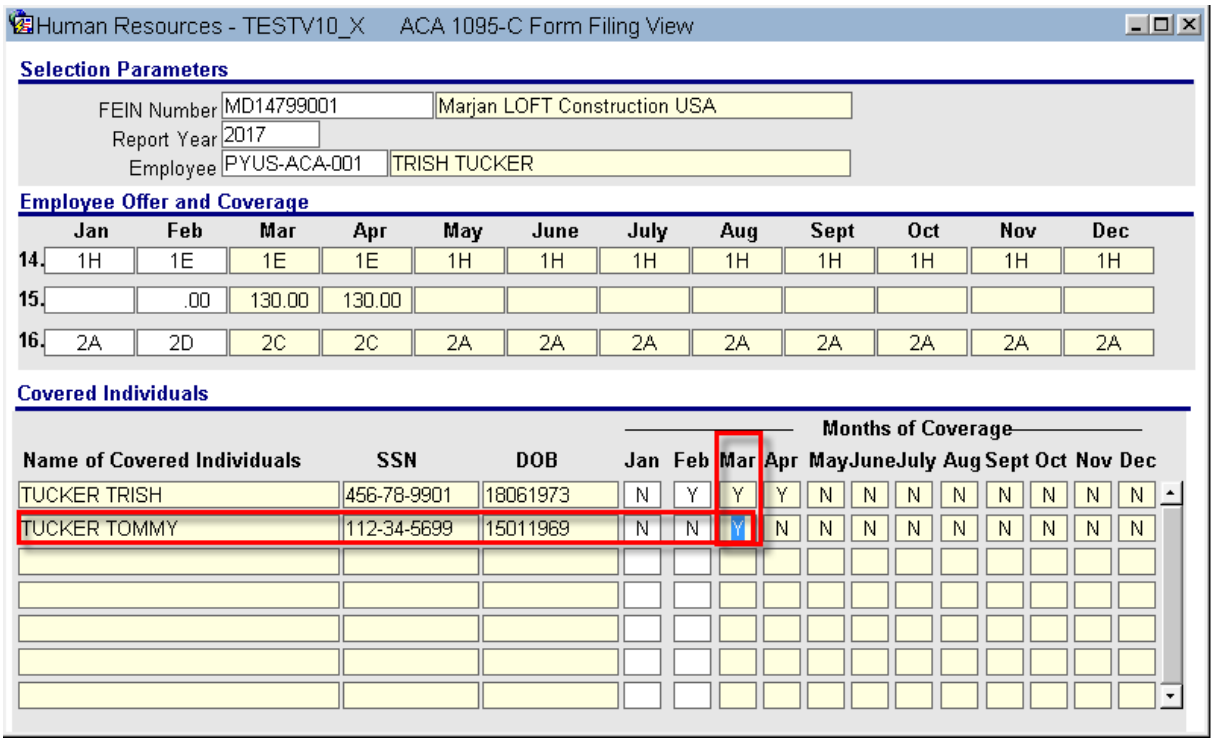




ACA – Monthly Built Data Query



Dependent information is recorded and reported 'Y' for Month of March. For April, with the new health plan, the dependent data is recorded and reported as 'N'.



With the new employee health plan option (non-Self Insured coverage), CMiC will consider the flag value as 'Unchecked' at employee level. The 1095C XML file will generate and report the Coverage Indicator Tag and value as "False' with no dependent information tag and or data to include.

```
      </Employee1095C>
   </Employee>
   <Employee EmployeeID="PYUS-ACA-001">
      <SSN Value="456789901" />
      <FirstName Value="TRISH" />
      <LastName Value="TUCKER" />
      <eState Value="KY" />
      <eZip Value="40003" />
      <BirthDate Value="1973-06-18" />
      <Employee1095C>
         <EmployerProvidedCoverageIndicator Value="False" />
         <OfferOfCoverageCodeMonth1 Value="1H" />
         <OfferOfCoverageCodeMonth2 Value="1E" />
         <OfferOfCoverageCodeMonth3 Value="1E" />
         <OfferOfCoverageCodeMonth4 Value="1E" />
         <OfferOfCoverageCodeMonth5 Value="1H" />
         <OfferOfCoverageCodeMonth6 Value="1H" />
         <OfferOfCoverageCodeMonth7 Value="1H" />
         <OfferOfCoverageCodeMonth8 Value="1H" />
         <OfferOfCoverageCodeMonth9 Value="1H" />
         <OfferOfCoverageCodeMonth10 Value="1H" />
         <OfferOfCoverageCodeMonth11 Value="1H" />
         <OfferOfCoverageCodeMonth12 Value="1H" />
         <EmployeeShareMonth2 Value="0" />
         <EmployeeShareMonth3 Value="130" />
         <EmployeeShareMonth4 Value="130" />
         <Section4980HCodeMonth1 Value="2A" />
         <Section4980HCodeMonth2 Value="2D" />
         <Section4980HCodeMonth3 Value="2C" />
         <Section4980HCodeMonth4 Value="2C" />
         <Section4980HCodeMonth5 Value="2A" />
         <Section4980HCodeMonth6 Value="2A" />
         <Section4980HCodeMonth7 Value="2A" />
         <Section4980HCodeMonth8 Value="2A" />
         <Section4980HCodeMonth9 Value="2A" />
         <Section4980HCodeMonth10 Value="2A" />
         <Section4980HCodeMonth11 Value="2A" />
         <Section4980HCodeMonth12 Value="2A" />
      </Employee1095C>
   </Employee>
   <Employee EmployeeID="PYUS-BW-SAL-101">
```

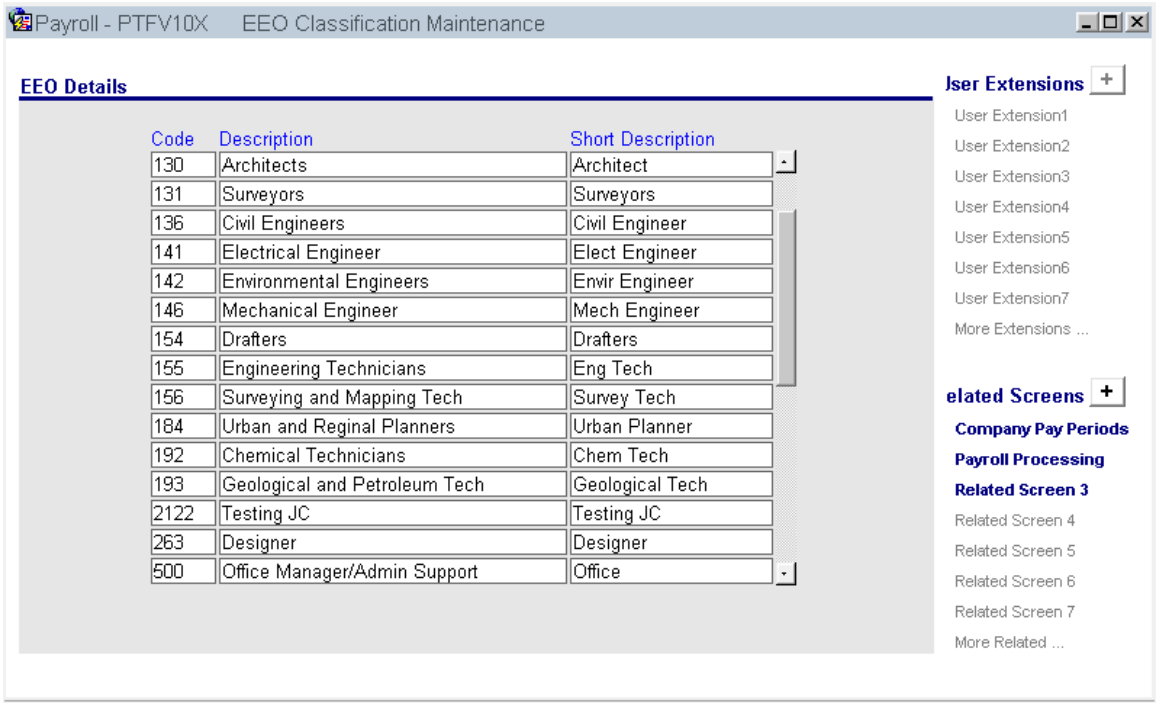
EEO-1 (EEO 100) Employee Status Report (HR1003A)– (16.26317)

New EEO-1 report with pay bands and hours worked for reporting year 2017 has been programmed for Oracle form and report. CMiC has added a new option to print the new expanded EEO-1 report with pay bands and hours worked (Report Code: HR1003A).

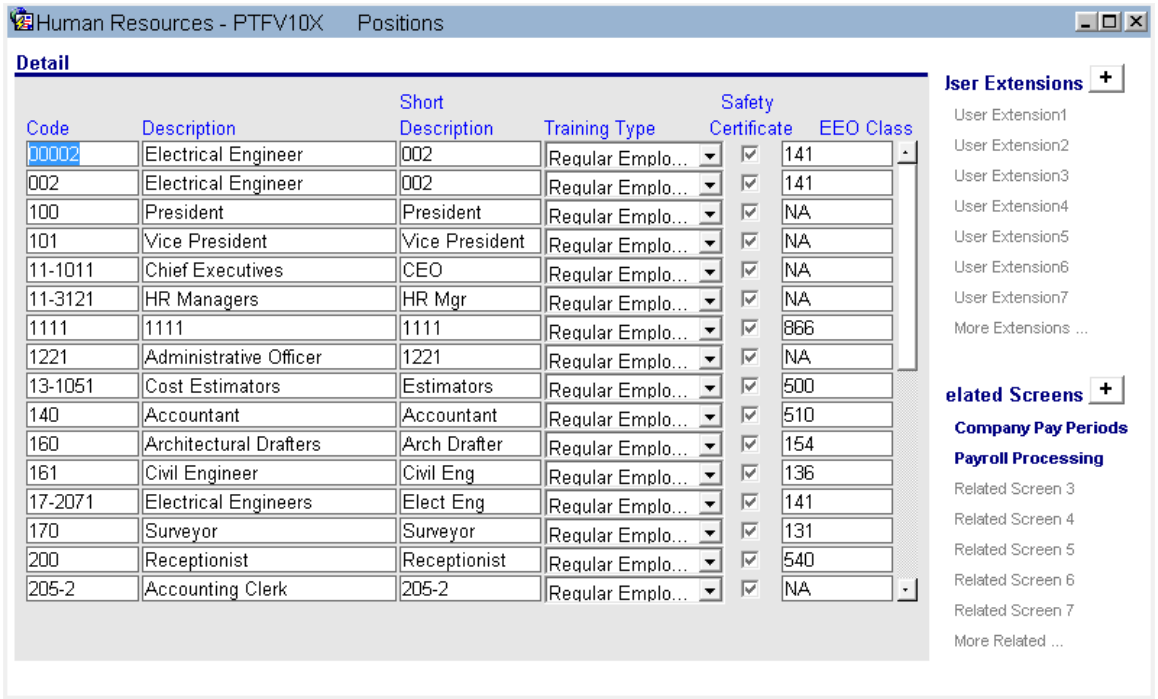
The existing older EEO-1 report HR1003 (no pay band, no hours) is also available for selection since it's still applicable for companies with less than 100 employees.

This is a consolidated report for the entire company, but it is possible to restrict it to include information for a single region, thereby obtaining a report for the region.

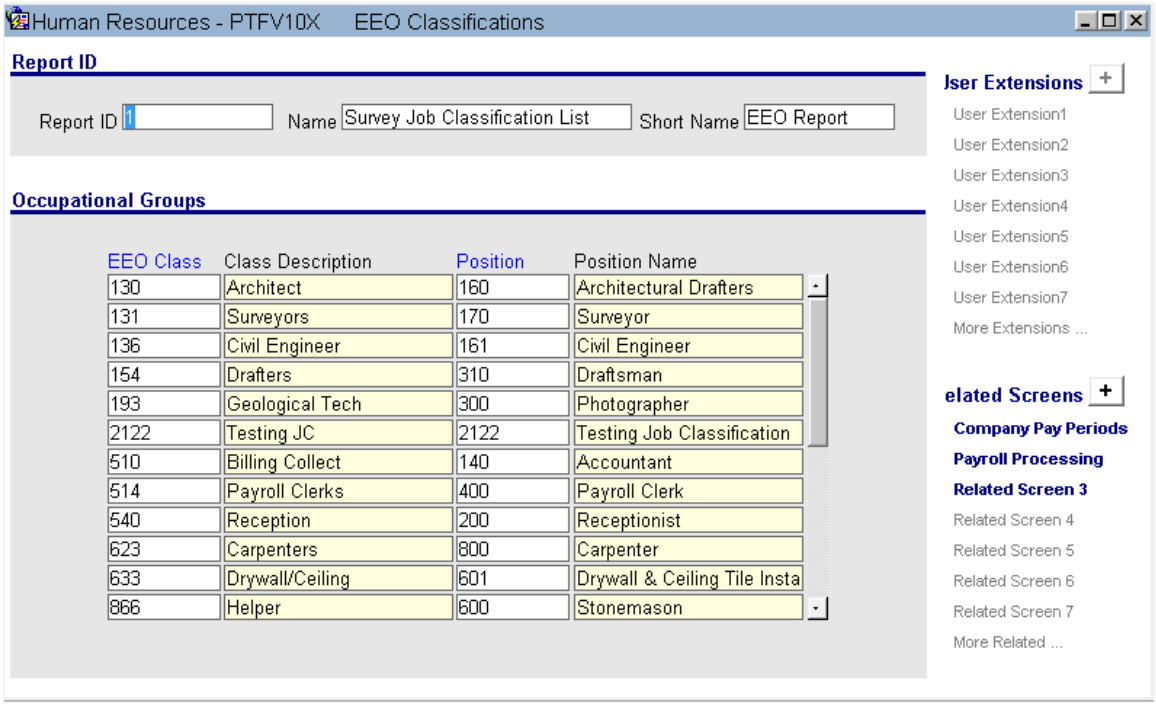
EEO Classifications should be set up in the Setup -> Local Tables -> Position/Occupation Info -> EEO Classifications screen.



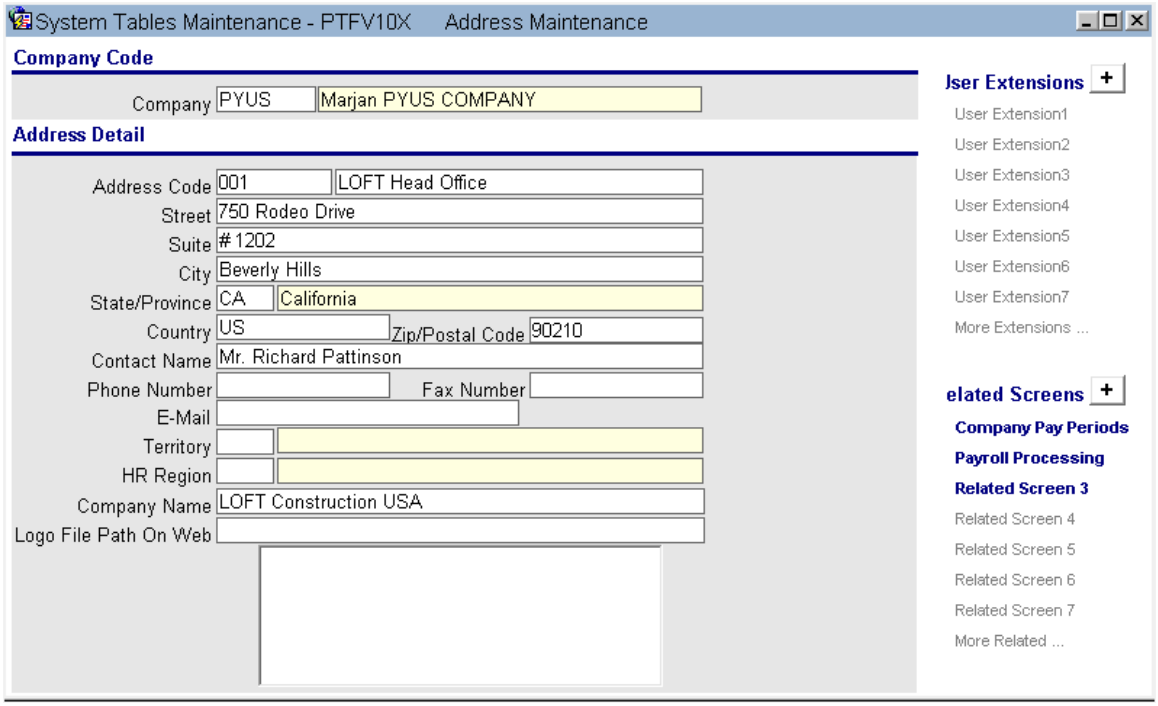
Positions must be set up in the Setup -> Local Tables -> Position/Occupation Info -> Positions screen and assigned an EEO Classification. Positions may be created using the Copy Trades To Positions utility in HR.



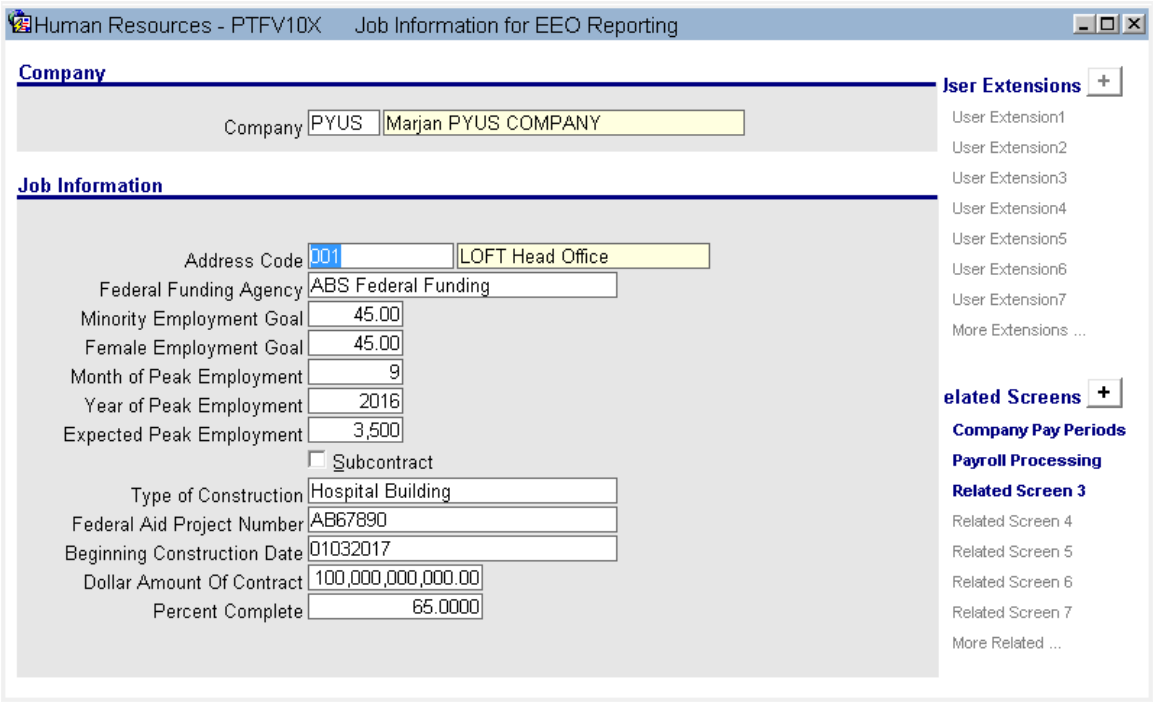
A Report ID should be created for the type of report that you will be running in the Setup -> Local Tables -> Position/Occupation Info -> Map Positions To EEO Classifications screen. This Report ID determines which positions and EEO classifications will be considered when running the EEO report. The Report ID is one of the parameters that must be specified when printing the EEO 100 report. Enter a Report ID, Name and Short Name for the Report. In the 2nd block, each position that will be considered in the report must be mapped to an EEO Classification.



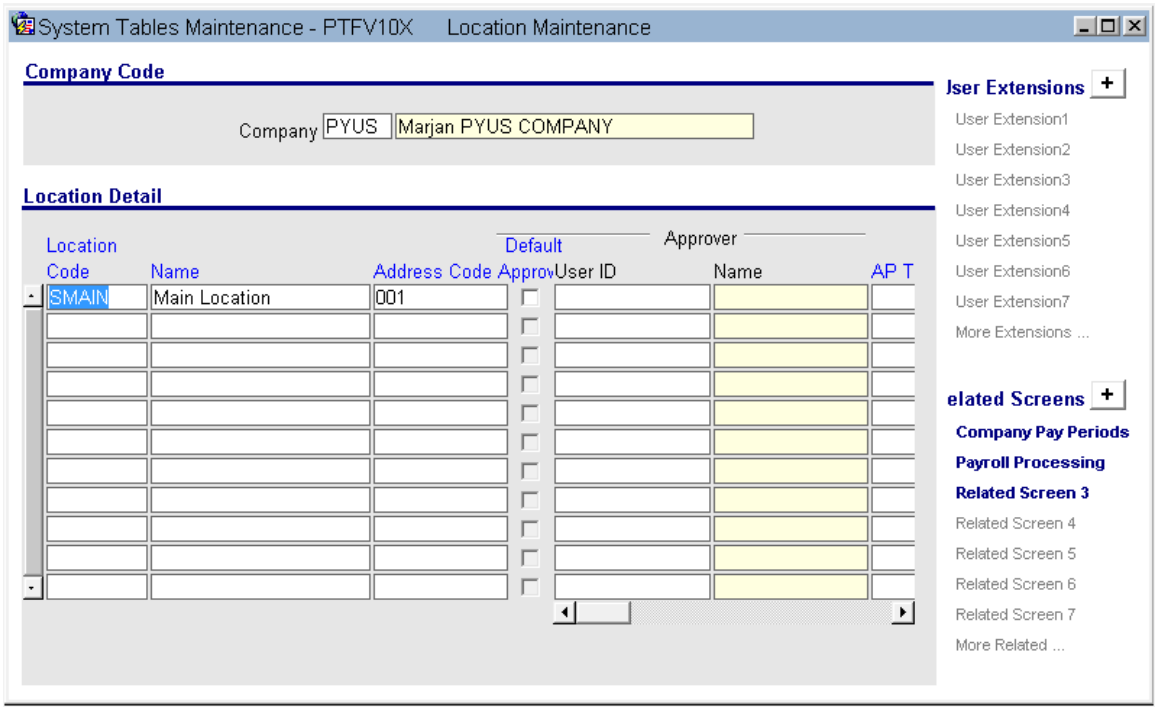
Address Codes should be defined in Global Tables -> Address Codes



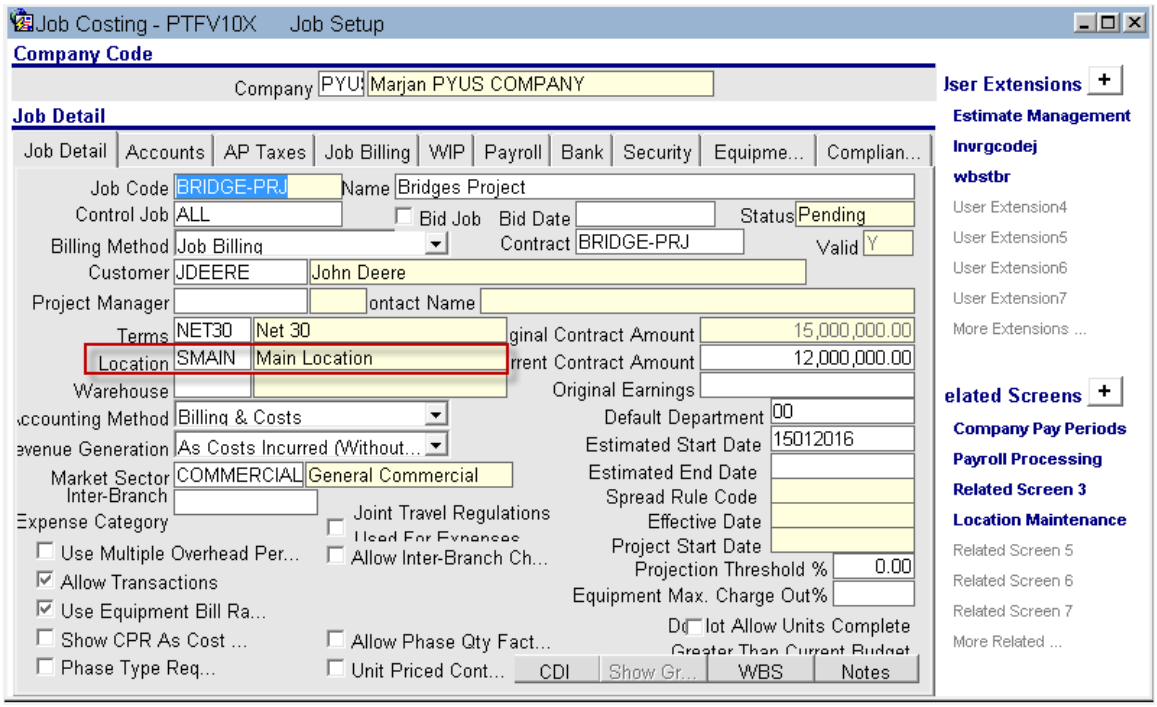
Job information should also be created in the Setup -> Local Tables -> Position/Occupation Info -> EEO Job Site Address Information screen.



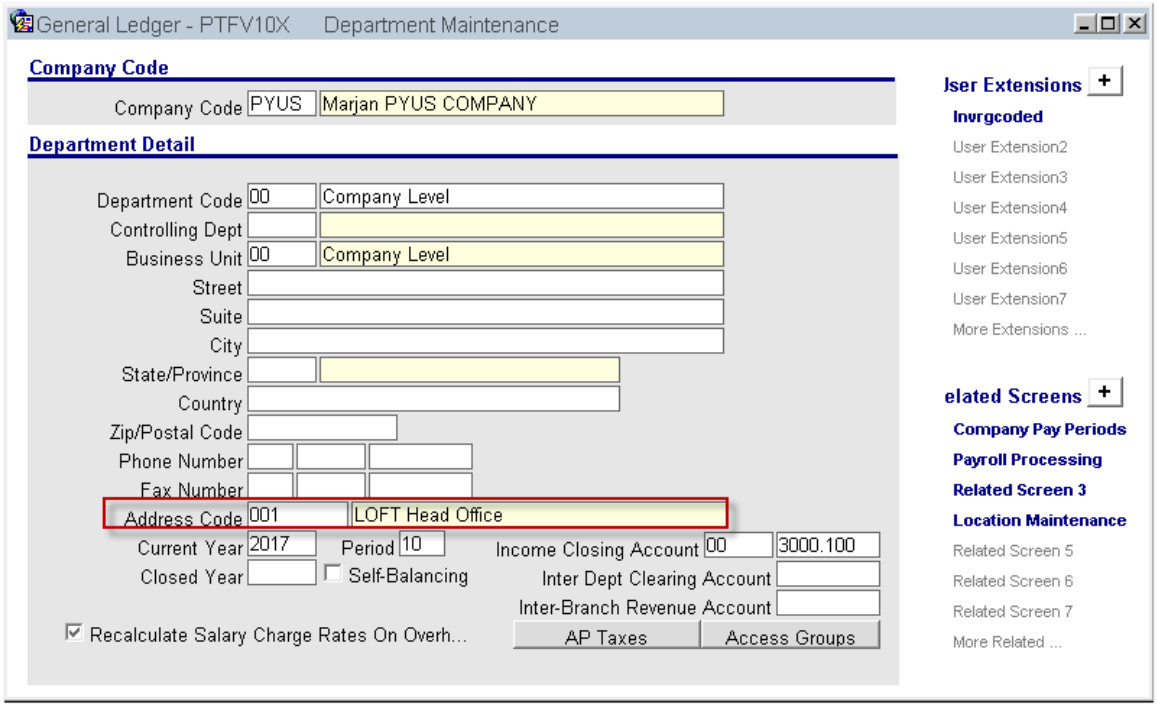
Location codes must also be defined in the Global Tables -> Location Codes screen and mapped to address codes. These location codes will be assigned to the jobs in the Job Setup screen, if there is pay history data related to those jobs in the time frame that the report is being run in.



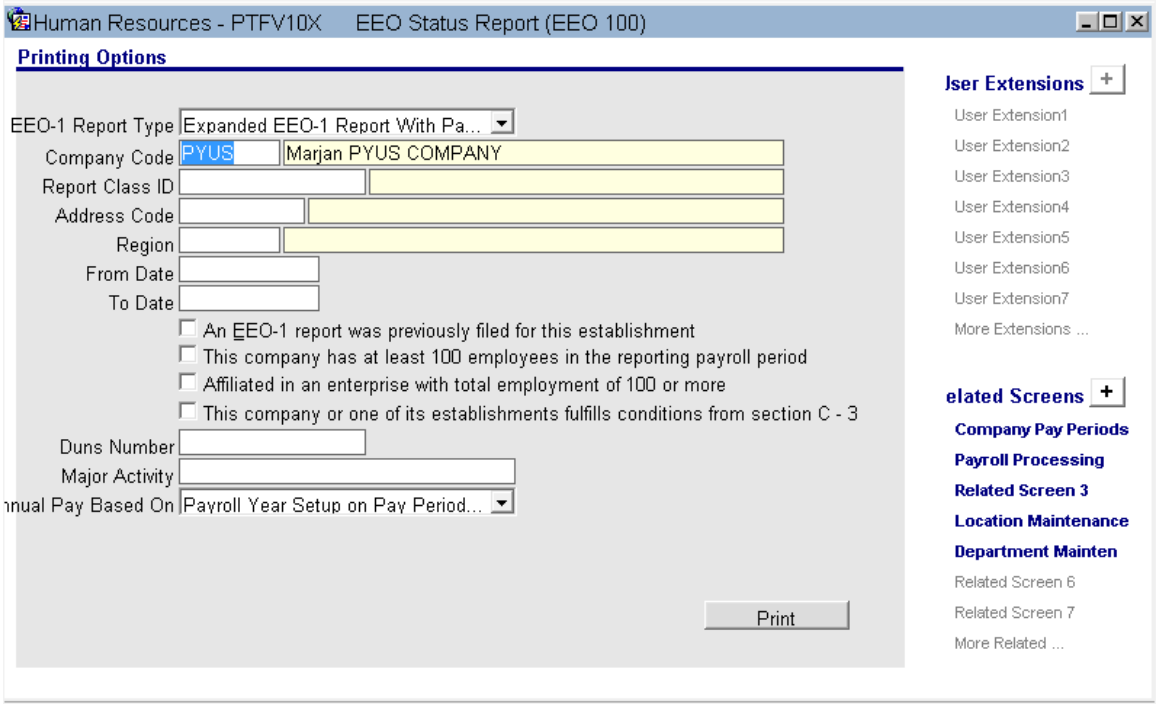
The location code(s) must be assigned to the jobs in the Job Setup screen in Payroll.

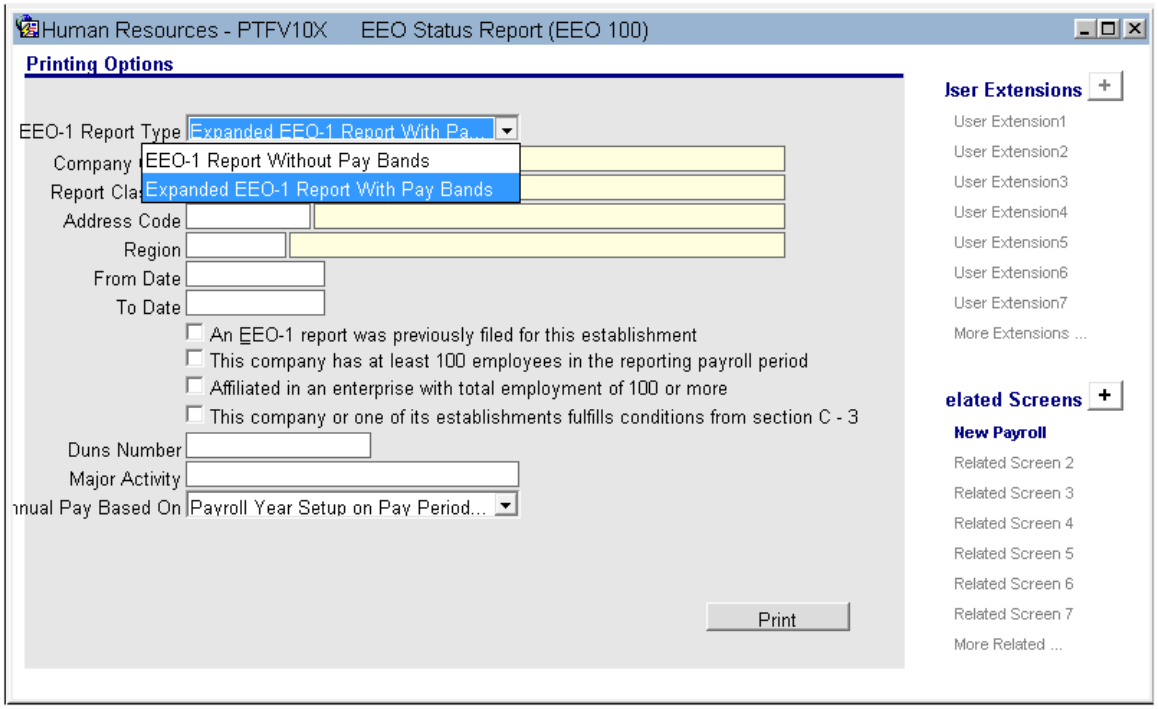


Also, departments should be mapped to site addresses in the Setup -> Local Tables -> Department Setup screen in GL.



The report can be run in HR. There must be pay history data for the period that the report is being run in, and those employee's positions/trades should be in the "Map Positions To EEO Classification" screen.





Form Parameters are as under:

EEO-1 Report Type

EEO-1 Report Without Pay Bands

Expanded EEO-1 Report with Pay Bands (New added option)

From Date

The first date in the range being reported on.

To Date

The last date in the range being reported on.

Report Class ID

Enter or select from the LOV one of the report IDs defined in the top block of the Setup > Local Tables > Position/Occupation Info > Map Positions to EEO Classifications screen.

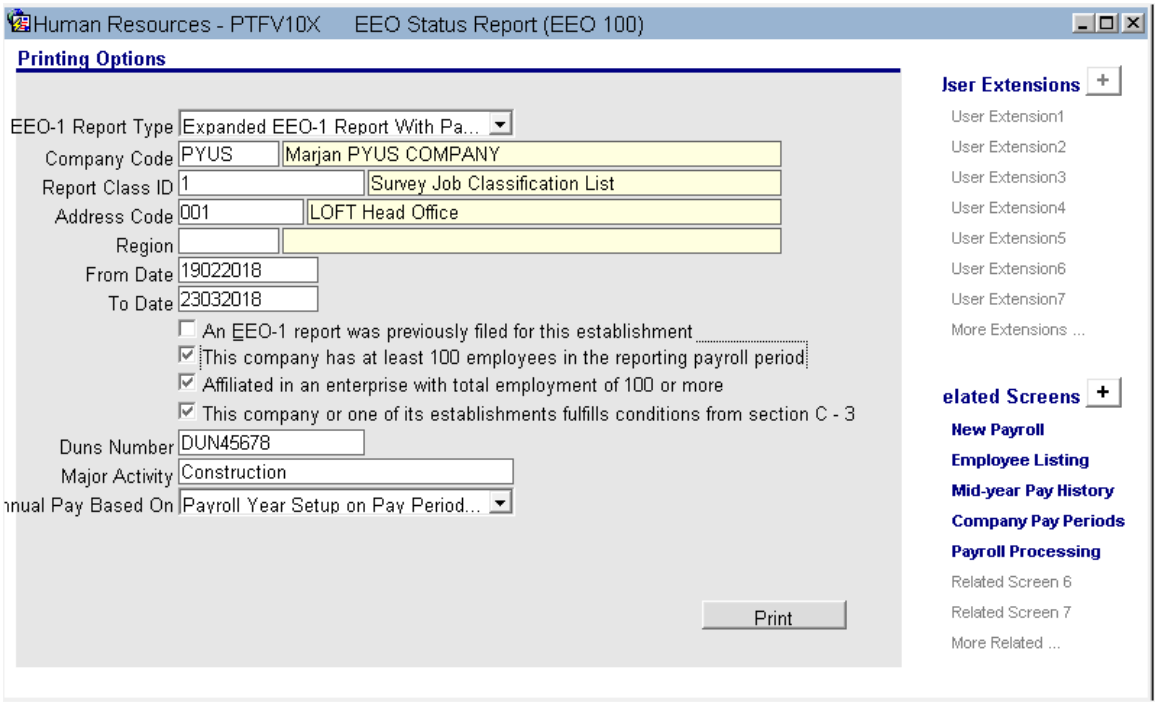
Region

Optionally enter or select from the LOV a region to which the report is to be restricted. Only employees who worked in the specified region during the specified period will be included in the report.

In order for this report to be complete and meaningful you must have previously entered heading information using the Setup > Local Tables > Position/Occupation Info > EEO Job Site Address Information screen defined EEO classifications using the Setup > Local Tables > Position/Occupation Info > EEO Classifications screen, and

for the specified Report ID, mapped positions to the EEO classifications using the Setup > Local Tables > Position/Occupation Info > Map Positions to EEO Classifications screen.

For the region filter to work you must also have mapped jobs to locations, and mapped departments and locations to (site) addresses.



Report Code: HR 1003A

EQUAL EMPLOYMENT OPPORTUNITY

EMPLOYER INFORMATION REPORT EEO - 1

From 19-FEB-18 To 23-MAR-18

Date: 05/03/2018
Time: 04:14 AM

SECTION B - COMPANY IDENTIFICATION
1. Marjan PYUS COMPANY

2 a. Site: LOFT Head Office
750 Rodeo Drive # 1202
Beverly Hills CA US
90210
b. MD14799001
c. N (Was an EEO-1 report filed for this establishment last year?)

Section C - Test for Filing Requirement:
1. Y
2. Y
3. Y **Duns Number:** DUN45678

Section E - Establishment Information
Construction

JOB CATEGORY / ANNUAL SALARY	NUMBER OF EMPLOYEES														
	HISPANIC OR LATINO		NOT HISPANIC OR LATINO												Total Col A - N
			MALE						FEMALE						
	Male	Female	White	Black or African American	Native Hawaiian or Pacific Islander	Asian	American Indian or Alaska Native	Two or More Races	White	Black or African American	Native Hawaiian or Pacific Islander	Asian	American Indian or Alaska Native	Two or More Races	
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
Architects															
$19,239 and under	0	0	5	0	0	0	0	0	1	0	0	0	0	0	6
Bill and Account Collectors															
$19,239 and under	1	0	4	1	0	1	0	0	0	1	1	2	0	0	11
Carpenters															
$19,239 and under	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
Civil Engineers															
$19,239 and under	1	0	5	1	0	0	0	0	1	0	0	1	0	0	9
Drafters															
$19,239 and under	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
Drywall/Ceiling Installers															
$19,239 and under	0	0	3	0	0	0	0	0	0	0	0	0	0	0	3
Geological and Petroleum Tech															
$19,239 and under	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2
Helper, Construction															
$19,239 and under	0	0	3	0	0	0	0	0	0	0	0	0	0	0	3
Payroll and Timekeeping															
$19,239 and under	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2

EQUAL EMPLOYMENT OPPORTUNITY

EMPLOYER INFORMATION REPORT EEO - 1

From 19-FEB-18 To 23-MAR-18

SECTION B - COMPANY IDENTIFICATION
1. Marjan PYUS COMPANY

2 a. Site: LOFT Head Office
750 Rodeo Drive # 1202
Beverly Hills CA US
90210
b. MD14799001
c. N **(Was an EEO-1 report filed for this establishment last year?)**

Section C - Test for Filing Requirement:
1. Y
2. Y
3. Y **Duns Number:** DUN45678

Section E - Establishment Information
Construction

NUMBER OF EMPLOYEES

JOB CATEGORY / ANNUAL SALARY	HISPANIC OR LATINO		NOT HISPANIC OR LATINO												Total Col A - N
			MALE						FEMALE						
	Male	Female	White	Black or African American	Native Hawaiian or Pacific Islander	Asian	American Indian or Alaska Native	Two or More Races	White	Black or African American	Native Hawaiian or Pacific Islander	Asian	American Indian or Alaska Native	Two or More Races	
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
Receptionists															
$19,239 and under	0	0	4	0	0	0	0	0	1	0	0	0	0	0	5
Surveyors															
$19,239 and under	1	0	7	0	0	0	0	0	0	1	0	2	0	0	11
Percents															
	6	0	69	4	0	2	0	0	6	4	2	9	0	0	100
Totals															
	3	0	37	2	0	1	0	0	3	2	1	5	0	0	54

Section - F Information (Remarks)

EQUAL EMPLOYMENT OPPORTUNITY

EMPLOYER INFORMATION REPORT EEO - 1

From 19-FEB-18 To 23-MAR-18

SECTION B - COMPANY IDENTIFICATION
1. Marjan PYUS COMPANY

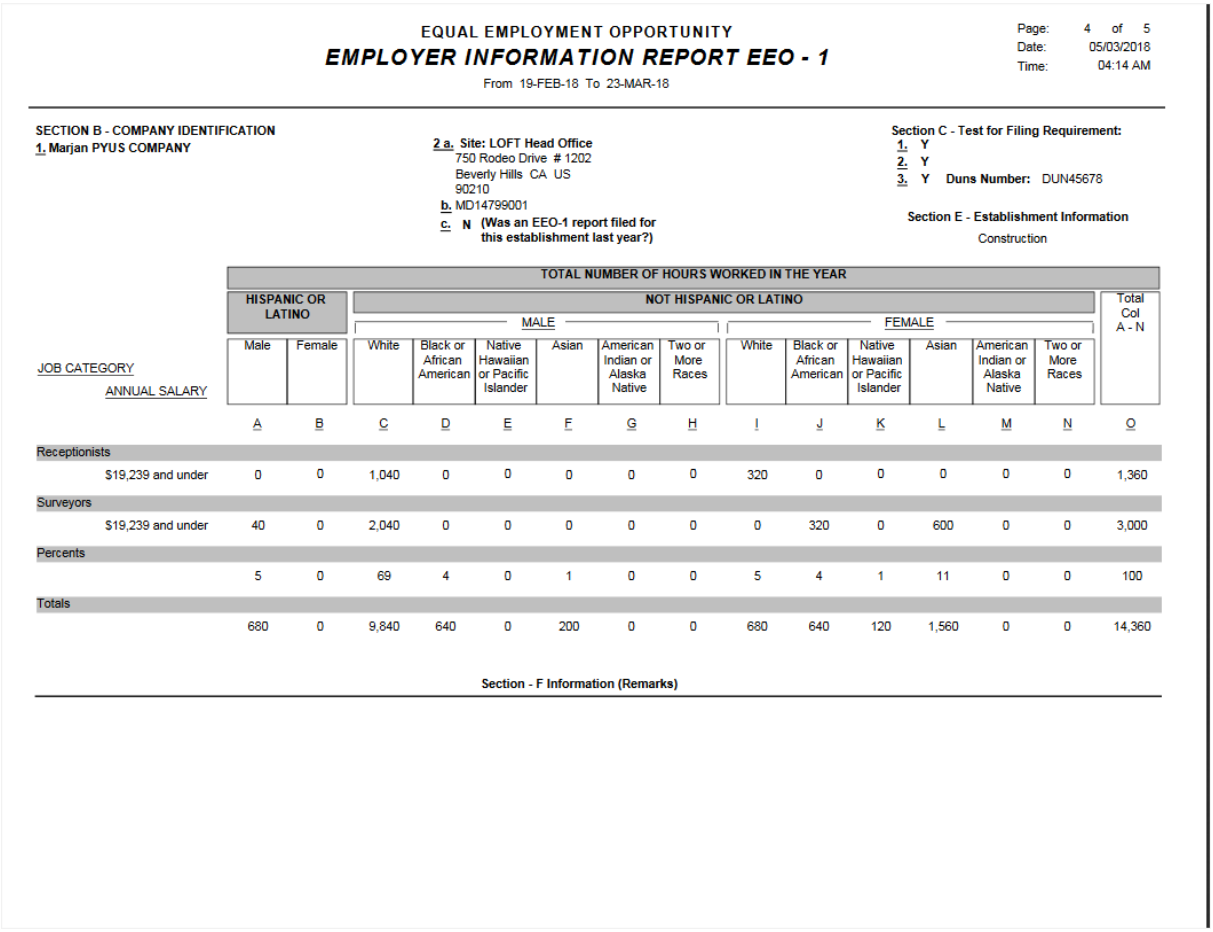
2 a. Site: LOFT Head Office
750 Rodeo Drive # 1202
Beverly Hills CA US
90210
b. MD14799001
c. N **(Was an EEO-1 report filed for this establishment last year?)**

Section C - Test for Filing Requirement:
1. Y
2. Y
3. Y **Duns Number:** DUN45678

Section E - Establishment Information
Construction

TOTAL NUMBER OF HOURS WORKED IN THE YEAR

JOB CATEGORY / ANNUAL SALARY	HISPANIC OR LATINO		NOT HISPANIC OR LATINO												Total Col A - N
			MALE						FEMALE						
	Male	Female	White	Black or African American	Native Hawaiian or Pacific Islander	Asian	American Indian or Alaska Native	Two or More Races	White	Black or African American	Native Hawaiian or Pacific Islander	Asian	American Indian or Alaska Native	Two or More Races	
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
Architects															
$19,239 and under	0	0	1,440	0	0	0	0	0	40	0	0	0	0	0	1,480
Bill and Account Collectors															
$19,239 and under	320	0	960	320	0	200	0	0	0	320	120	640	0	0	2,880
Carpenters															
$19,239 and under	0	0	120	0	0	0	0	0	0	0	0	0	0	0	120
Civil Engineers															
$19,239 and under	320	0	1,400	320	0	0	0	0	320	0	0	320	0	0	2,680
Drafters															
$19,239 and under	0	0	320	0	0	0	0	0	0	0	0	0	0	0	320
Drywall/Ceiling Installers															
$19,239 and under	0	0	680	0	0	0	0	0	0	0	0	0	0	0	680
Geological and Petroleum Tech															
$19,239 and under	0	0	440	0	0	0	0	0	0	0	0	0	0	0	440
Helper, Construction															
$19,239 and under	0	0	760	0	0	0	0	0	0	0	0	0	0	0	760
Payroll and Timekeeping															
$19,239 and under	0	0	640	0	0	0	0	0	0	0	0	0	0	0	640



EQUAL EMPLOYMENT OPPORTUNITY

EMPLOYER INFORMATION REPORT EEO - 1

From 19-FEB-18 To 23-MAR-18

Page: 4 of 5
Date: 05/03/2018
Time: 04:14 AM

SECTION B - COMPANY IDENTIFICATION

1. Marjan PYUS COMPANY

2 a. Site: LOFT Head Office
750 Rodeo Drive # 1202
Beverly Hills CA US
90210

b. MD14799001

c. N (Was an EEO-1 report filed for this establishment last year?)

Section C - Test for Filing Requirement:

1. Y
2. Y
3. Y **Duns Number:** DUN45678

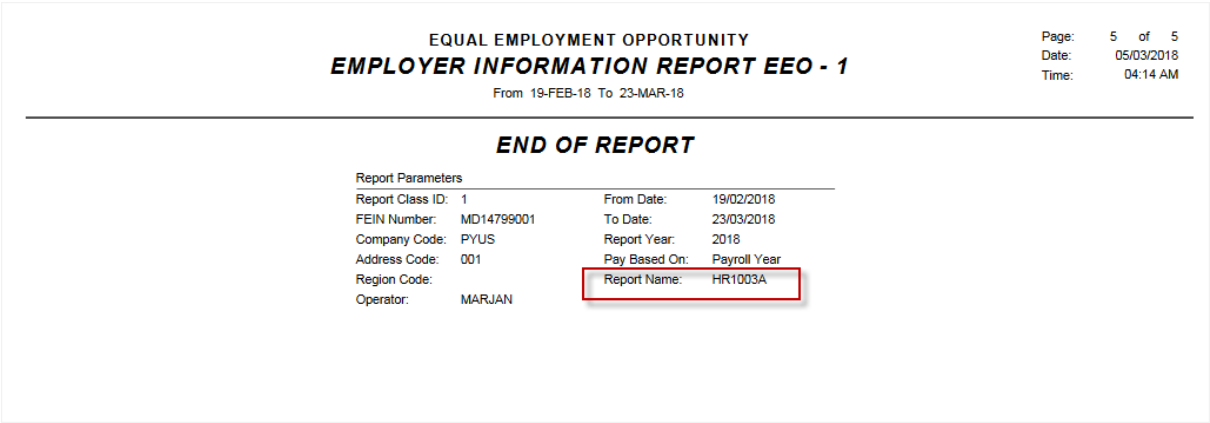
Section E - Establishment Information

Construction

TOTAL NUMBER OF HOURS WORKED IN THE YEAR

JOB CATEGORY / ANNUAL SALARY	HISPANIC OR LATINO		NOT HISPANIC OR LATINO												Total Col A - N
			MALE						FEMALE						
	Male	Female	White	Black or African American	Native Hawaiian or Pacific Islander	Asian	American Indian or Alaska Native	Two or More Races	White	Black or African American	Native Hawaiian or Pacific Islander	Asian	American Indian or Alaska Native	Two or More Races	
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
Receptionists															
$19,239 and under	0	0	1,040	0	0	0	0	0	320	0	0	0	0	0	1,360
Surveyors															
$19,239 and under	40	0	2,040	0	0	0	0	0	0	320	0	600	0	0	3,000
Percents															
	5	0	69	4	0	1	0	0	5	4	1	11	0	0	100
Totals															
	680	0	9,840	640	0	200	0	0	680	640	120	1,560	0	0	14,360

Section - F Information (Remarks)



EQUAL EMPLOYMENT OPPORTUNITY

EMPLOYER INFORMATION REPORT EEO - 1

From 19-FEB-18 To 23-MAR-18

Page: 5 of 5
Date: 05/03/2018
Time: 04:14 AM

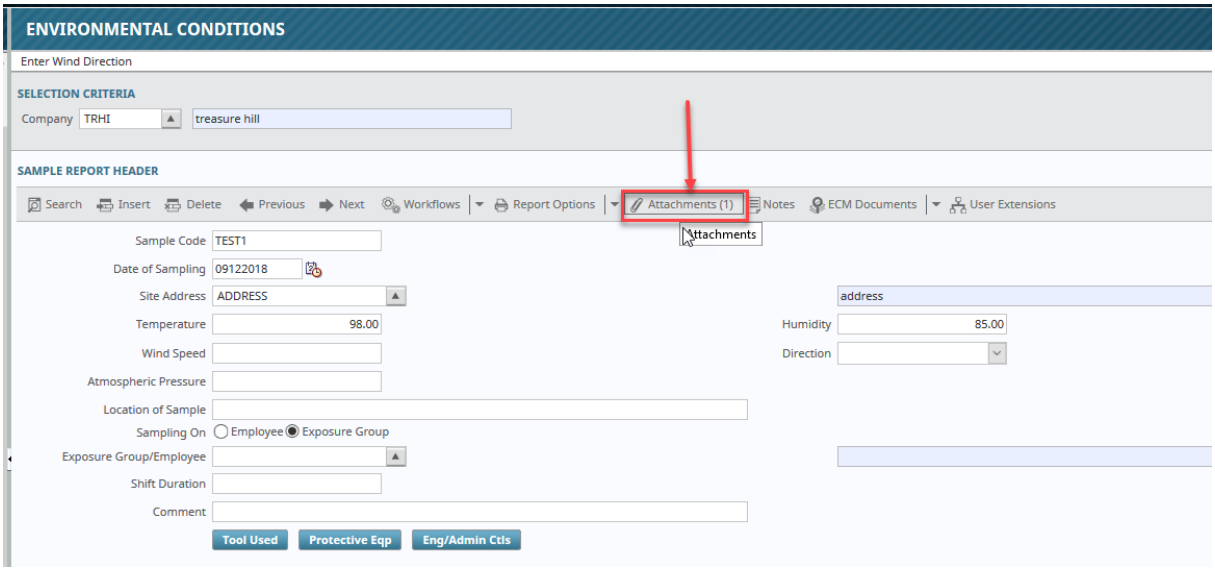
END OF REPORT

Report Parameters

Report Class ID:	1	From Date:	19/02/2018
FEIN Number:	MD14799001	To Date:	23/03/2018
Company Code:	PYUS	Report Year:	2018
Address Code:	001	Pay Based On:	Payroll Year
Region Code:		Report Name:	HR1003A
Operator:	MARJAN		

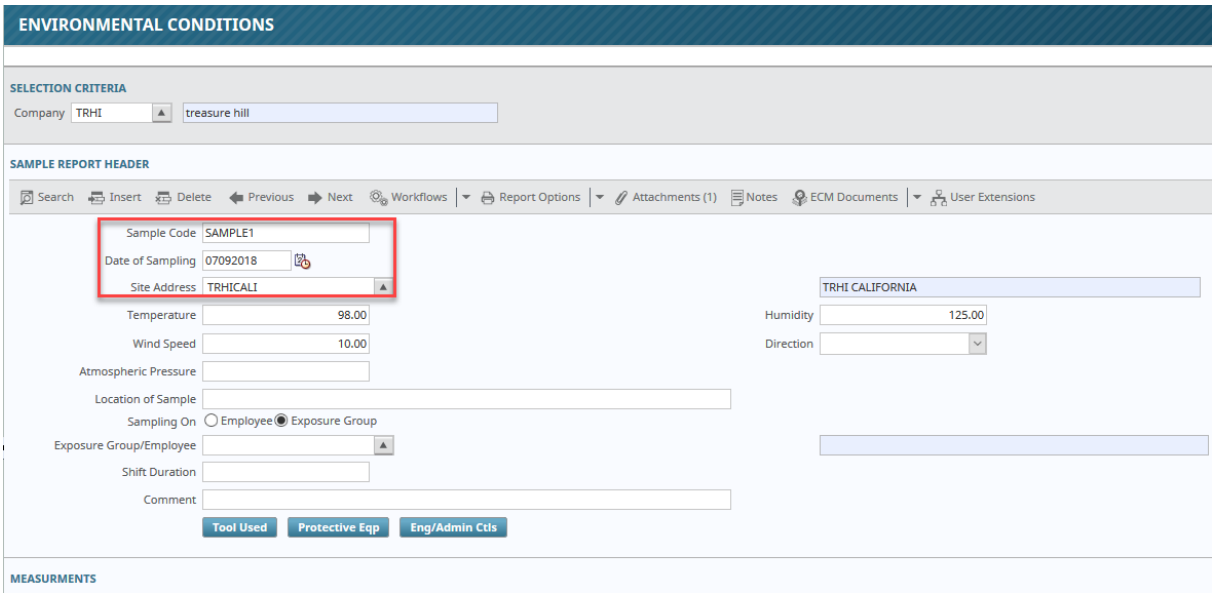
Missing Attachments on Environmental Conditions Screen (18.56285)

CMiC has added an Attachments button (located in toolbar) to the HR Environmental Conditions screen to allow users to track Air Sampling.

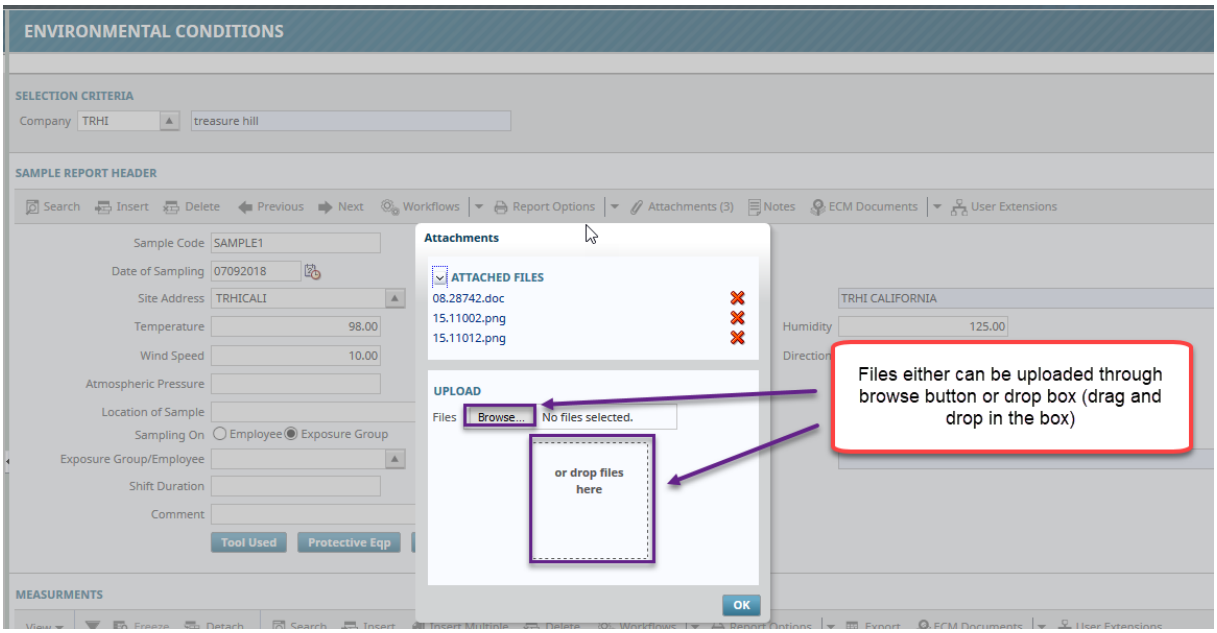


The new button will be added to the Block Toolbar of the Sample Report Header section, allowing users to upload documents to the respective records.

NOTE: The Attachments button will only work if a value has been entered in the 'Temperature' field.



Sample Code, Date of Sampling and Site Address are mandatory fields that need to be completed. To see the pop-up window for Attachments (as shown in the screenshot below), users first need to insert a value in the Temperature field and click on Save.

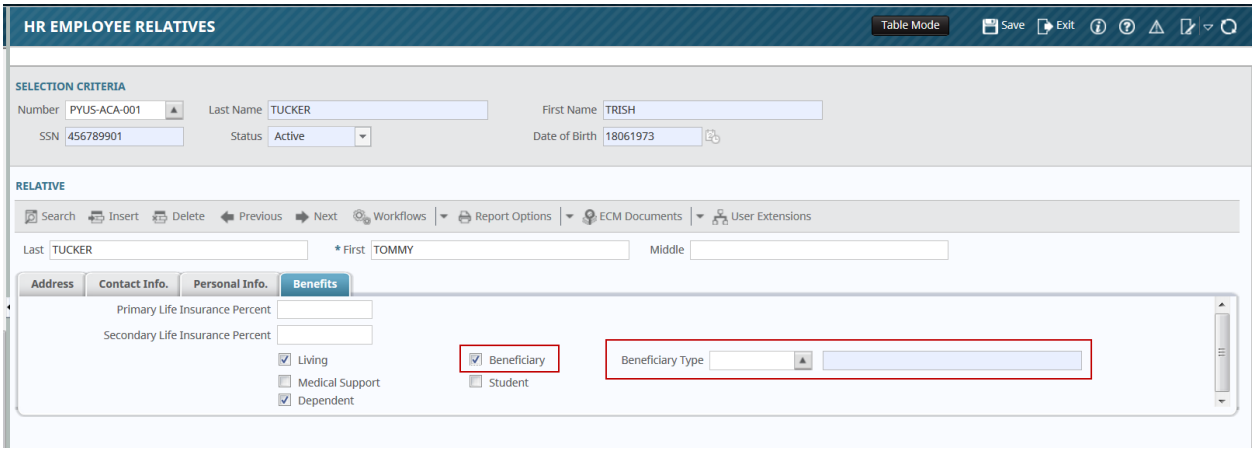


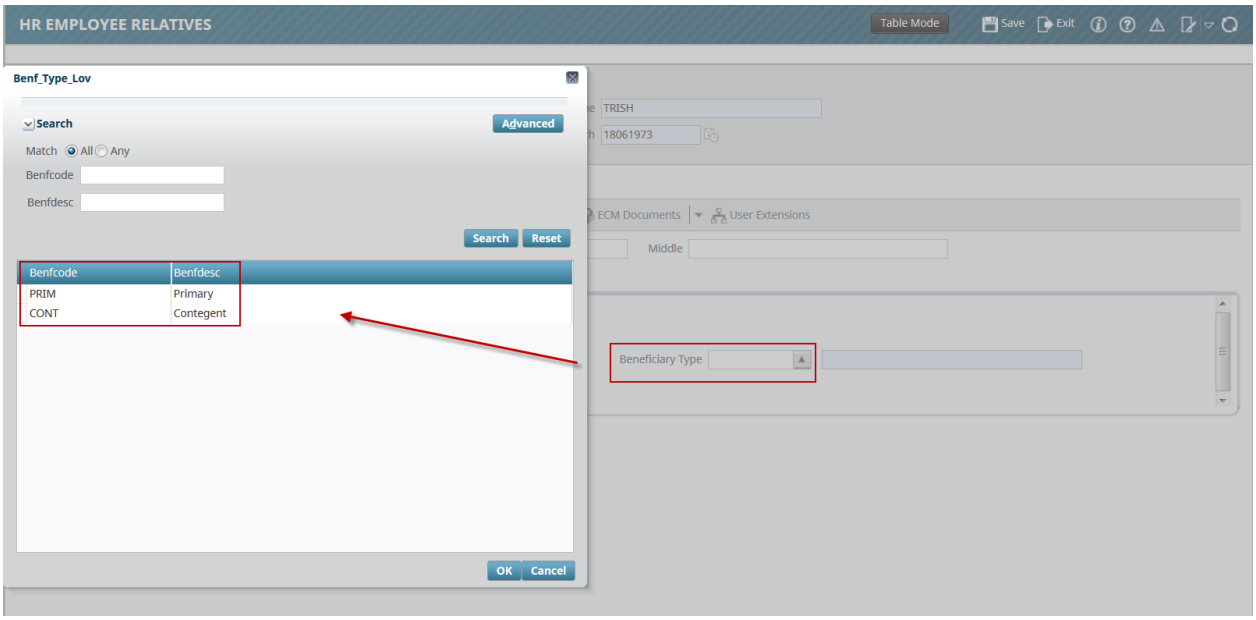
HR Employee Relatives – Addition of Beneficiary Type (17.40961)

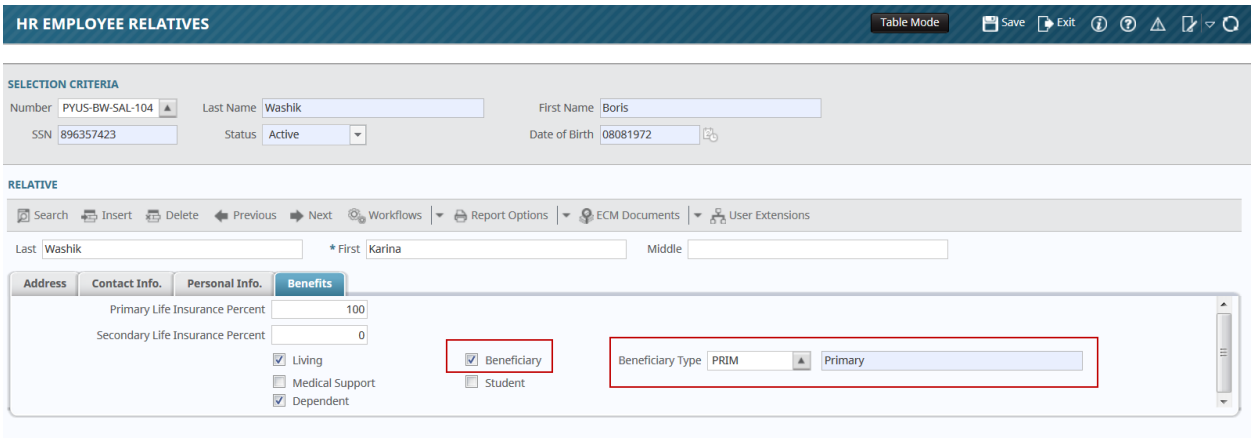
Addition of a new field called 'Beneficiary Type' on the HR Employee Relatives screen. The existing Employee Relatives screen has a flag called 'Beneficiary', a new field is now added to allow users to select the beneficiary type. User can now select the beneficiary type from the drop-down list. There are two system defined values available for selection 'Primary Type' and 'Contingent Type'.

CMiC has also modified the Benefit/Deduction master setup screen adding a new flag called 'Allow Beneficiaries'

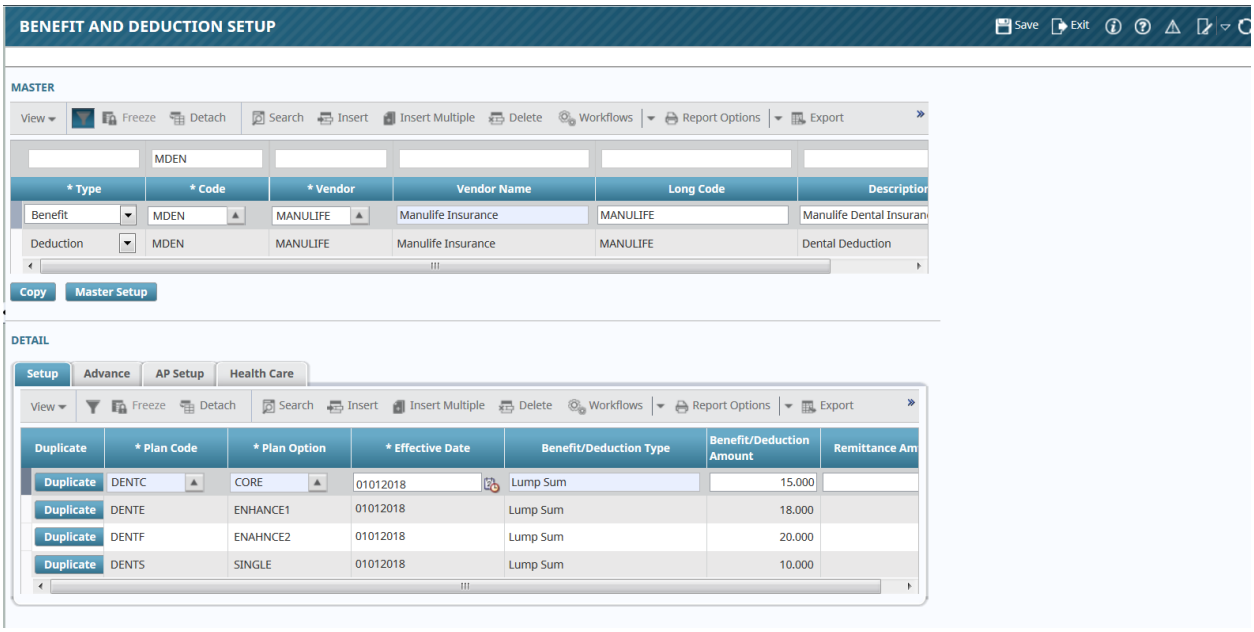
New modifications on HR Employee Relatives program. Added Beneficiary Type for users to select beneficiary type Primary or Contingent from list of values.







HR Benefit/Deduction Master Setup – Added ‘Allow Beneficiaries’ to Benefit and Open Enrollment tab.


BENEFIT AND DEDUCTION SETUP
Save
Exit
MASTER
View
Freeze
Detach
Search
Insert
Insert Multiple
Delete
Workflows
Report Options
Export
MDEN
* Type
* Code
* Vendor
Vendor Name
Long Code
Description
Benefit
MDEN
MANULIFE
Manulife Insurance
MANULIFE
Manulife Dental Insuran
Deduction
MDEN
MANULIFE
Manulife Insurance
MANULIFE
Dental Deduction
Copy
Master Setup
DETAIL
Setup
Advance
AP Setup
Health Care
Duplicate
* Plan Code
* Plan Option
* Effective Date
Benefit/Deduction Type
Benefit/Deduction Amount
Remittance Am
Duplicate
DENTC
CORE
01012018
Lump Sum
15.000
Duplicate
DENTE
ENHANCE1
01012018
Lump Sum
18.000
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ENAHNCE2
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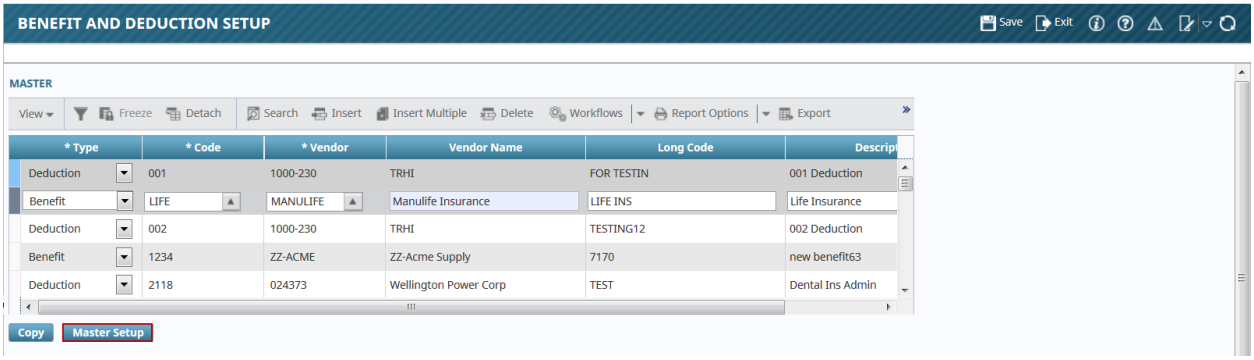
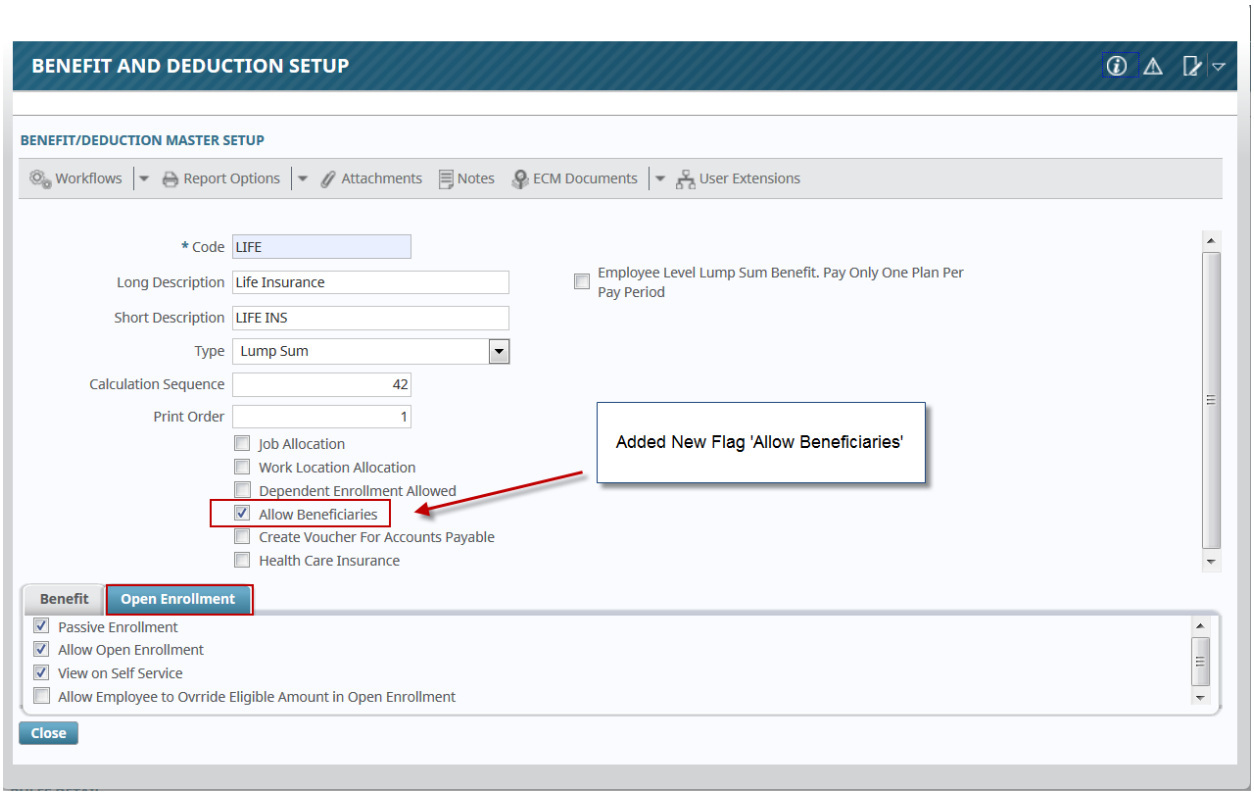
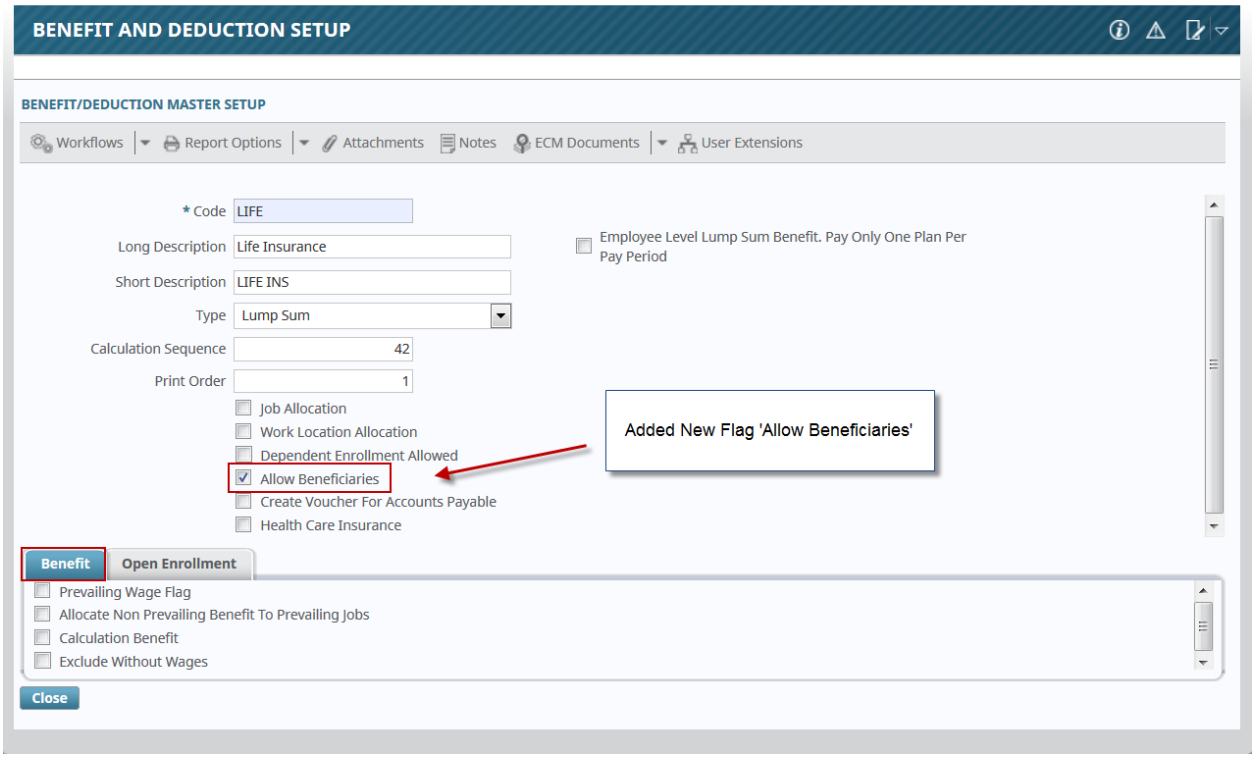
DENTS
SINGLE
01012018
Lump Sum
10.000


BENEFIT AND DEDUCTION SETUP
Save
Exit
MASTER
View
Freeze
Detach
Search
Insert
Insert Multiple
Delete
Workflows
Report Options
Export
* Type
* Code
* Vendor
Vendor Name
Long Code
Deduction
001
1000-230
TRHI
FOR TESTIN
001 Deduction
Benefit
LIFE
MANULIFE
Manulife Insurance
LIFE INS
Life Insurance
Deduction
002
1000-230
TRHI
TESTING12
002 Deduction
Benefit
1234
ZZ-ACME
ZZ-Acme Supply
7170
new benefit63
Deduction
2118
024373
Wellington Power Corp
TEST
Dental Ins Admin
Copy
Master Setup


BENEFIT AND DEDUCTION SETUP
BENEFIT/DEDUCTION MASTER SETUP
Workflows
Report Options
Attachments
Notes
ECM Documents
User Extensions
* Code
LIFE
Long Description
Life Insurance
Short Description
LIFE INS
Type
Lump Sum
Calculation Sequence
42
Print Order
1
Job Allocation
Work Location Allocation
Dependent Enrollment Allowed
Allow Beneficiaries
Create Voucher For Accounts Payable
Health Care Insurance
Employee Level Lump Sum Benefit. Pay Only One Plan Per Pay Period
Added New Flag 'Allow Beneficiaries'
Benefit
Open Enrollment
Passive Enrollment
Allow Open Enrollment
View on Self Service
Allow Employee to Ovrride Eligible Amount in Open Enrollment
Close


BENEFIT AND DEDUCTION SETUP
BENEFIT/DEDUCTION MASTER SETUP
Workflows
Report Options
Attachments
Notes
ECM Documents
User Extensions
* Code
LIFE
Long Description
Life Insurance
Short Description
LIFE INS
Type
Lump Sum
Calculation Sequence
42
Print Order
1
Job Allocation
Work Location Allocation
Dependent Enrollment Allowed
Allow Beneficiaries
Create Voucher For Accounts Payable
Health Care Insurance
Employee Level Lump Sum Benefit. Pay Only One Plan Per Pay Period
Added New Flag 'Allow Beneficiaries'
Benefit
Open Enrollment
Prevailing Wage Flag
Allocate Non Prevailing Benefit To Prevailing Jobs
Calculation Benefit
Exclude Without Wages
Close

Benefit/Deductions Plans and Plan Options (18.60548)

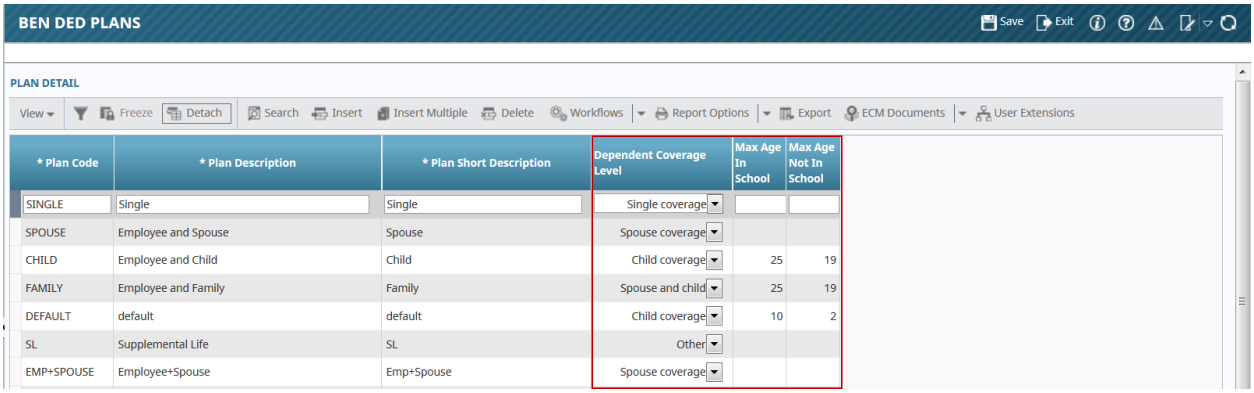
CMiC has modified the Plans and Plan Options screen. The following fields are now hidden and removed from the Benefit/Deduction Plans screen:

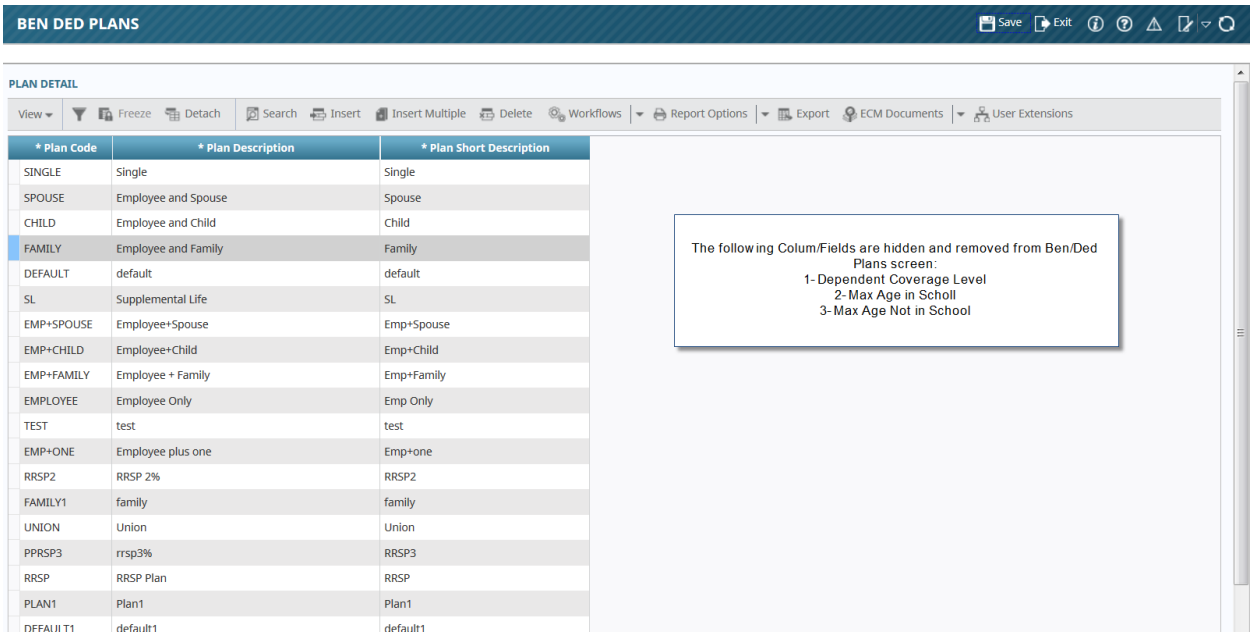
1- Dependent Coverage Level

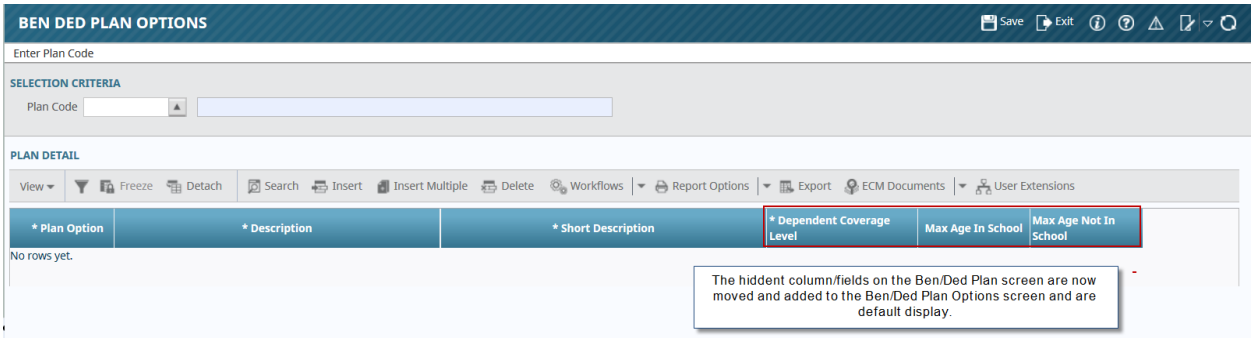
2- Max Age in School

3- Max Age Not in School

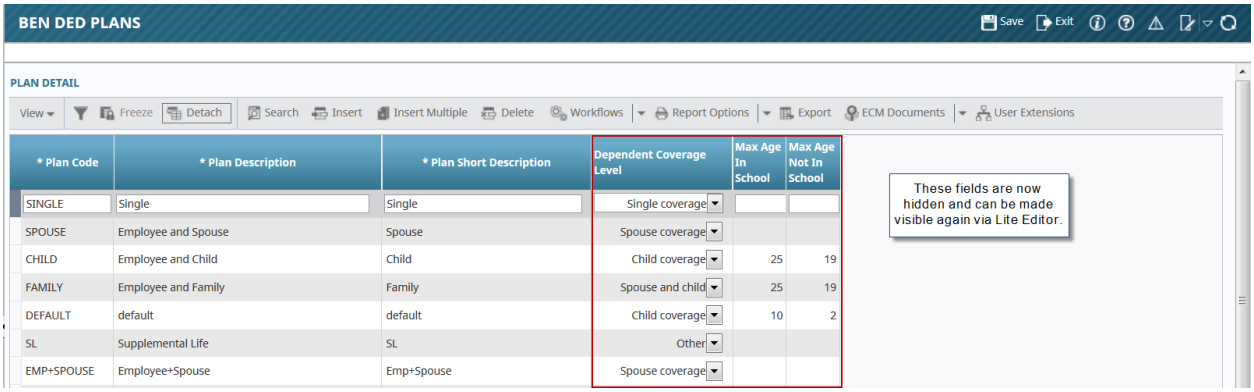
These fields are now added and available on the Benefit/Deductions Plan Options screen.



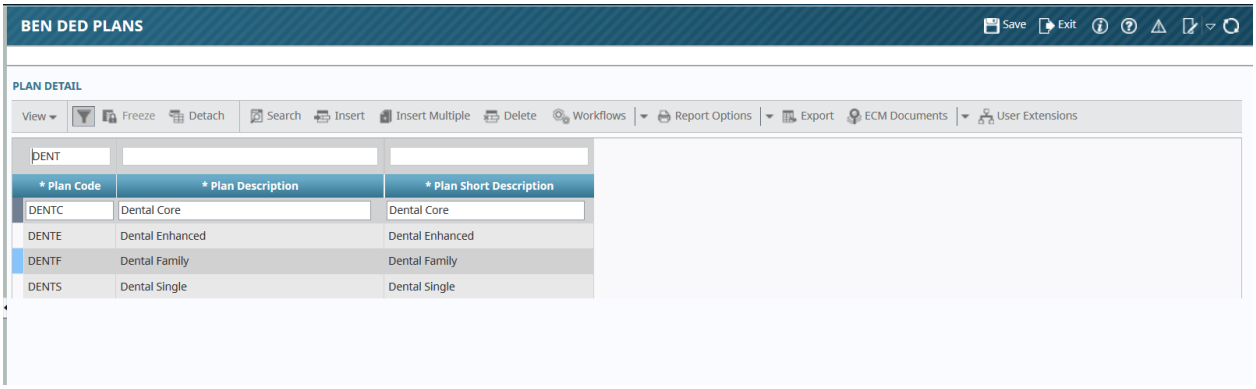




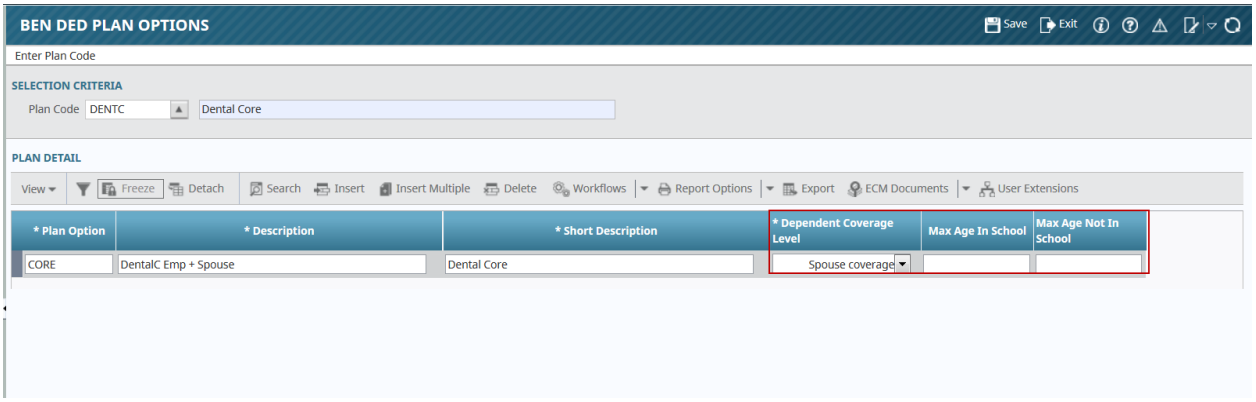
NOTE: Users can make these fields visible by using the Lite Editor

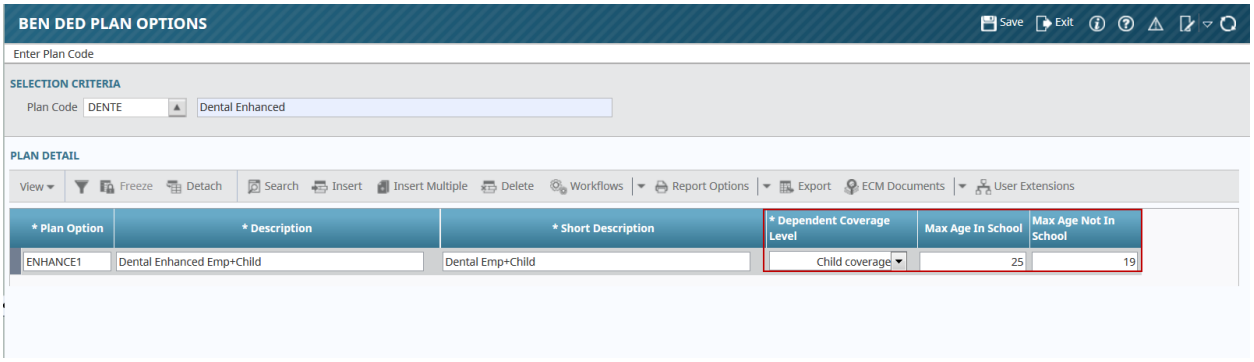


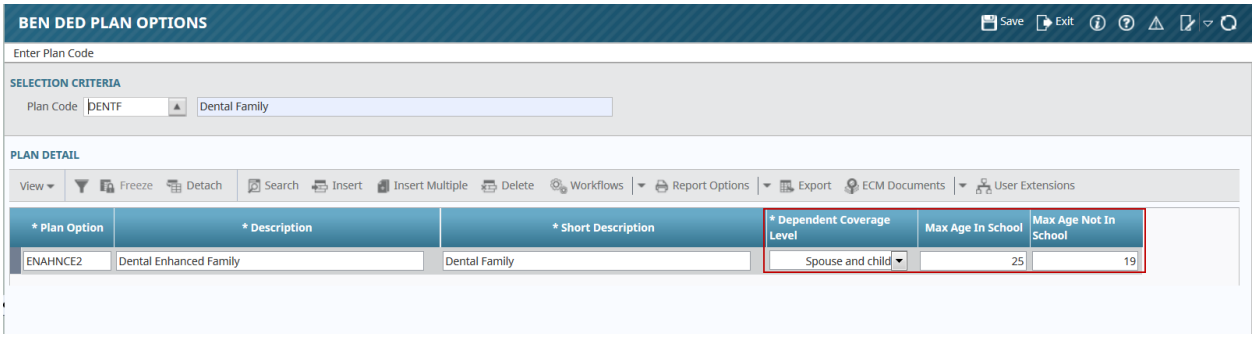
Under Human Resources Benefit/Deductions Plans

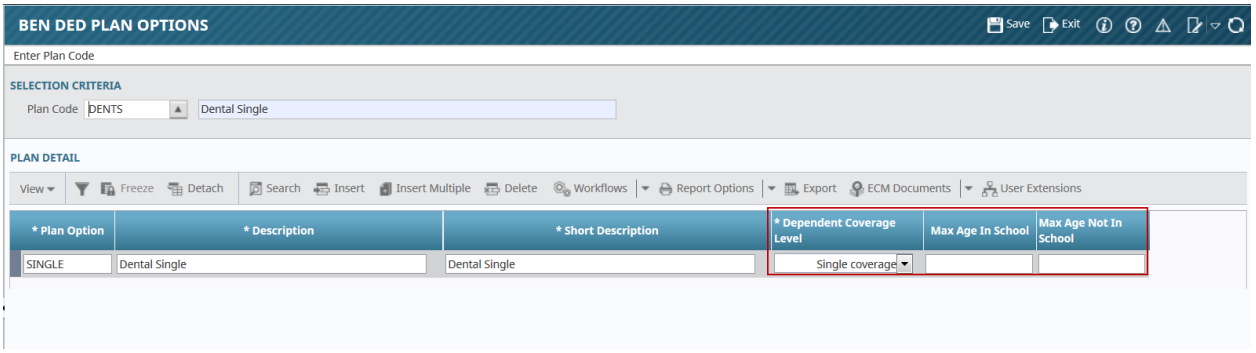


Human Resources Benefit/Deductions Plan Options – The removed columns from Plans are added under Plan Options

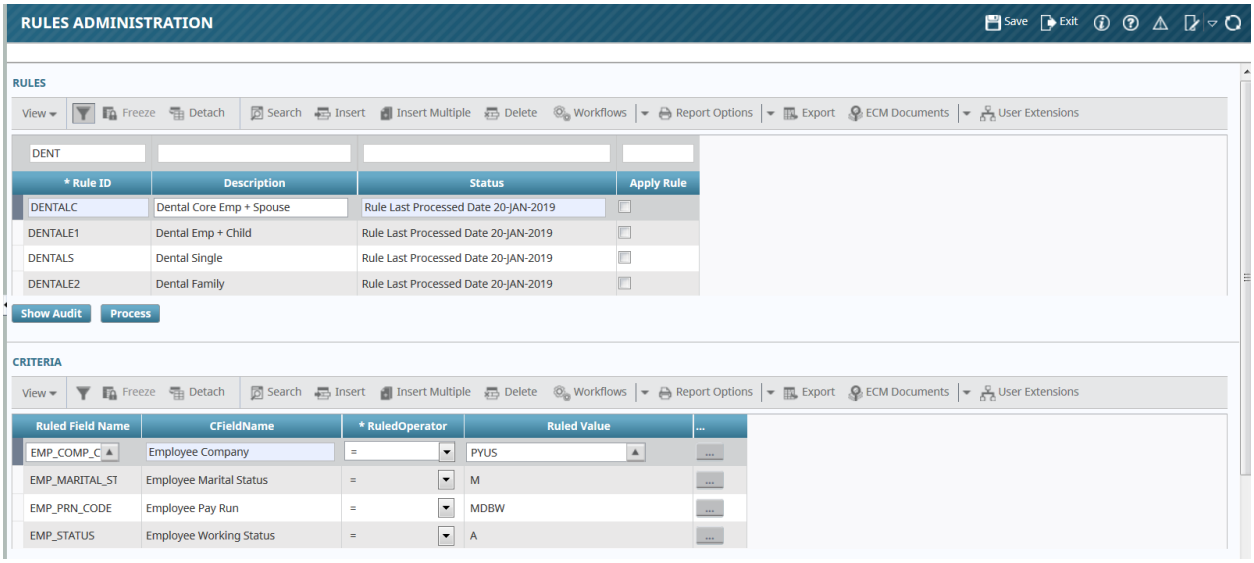

BEN DED PLAN OPTIONS
Save
Exit
Enter Plan Code
SELECTION CRITERIA
Plan Code DENTC
Dental Core
PLAN DETAIL
View
Freeze
Detach
Search
Insert
Insert Multiple
Delete
Workflows
Report Options
Export
ECM Documents
User Extensions
* Plan Option
* Description
* Short Description
* Dependent Coverage Level
Max Age In School
Max Age Not In School
CORE
DentalC Emp + Spouse
Dental Core
Spouse coverage


BEN DED PLAN OPTIONS
Save
Exit
Enter Plan Code
SELECTION CRITERIA
Plan Code DENTE
Dental Enhanced
PLAN DETAIL
View
Freeze
Detach
Search
Insert
Insert Multiple
Delete
Workflows
Report Options
Export
ECM Documents
User Extensions
* Plan Option
* Description
* Short Description
* Dependent Coverage Level
Max Age In School
Max Age Not In School
ENHANCE1
Dental Enhanced Emp+Child
Dental Emp+Child
Child coverage
25
19


BEN DED PLAN OPTIONS
Save
Exit
Enter Plan Code
SELECTION CRITERIA
Plan Code DENTF
Dental Family
PLAN DETAIL
View
Freeze
Detach
Search
Insert
Insert Multiple
Delete
Workflows
Report Options
Export
ECM Documents
User Extensions
* Plan Option
* Description
* Short Description
* Dependent Coverage Level
Max Age In School
Max Age Not In School
ENAHNCE2
Dental Enhanced Family
Dental Family
Spouse and child
25
19

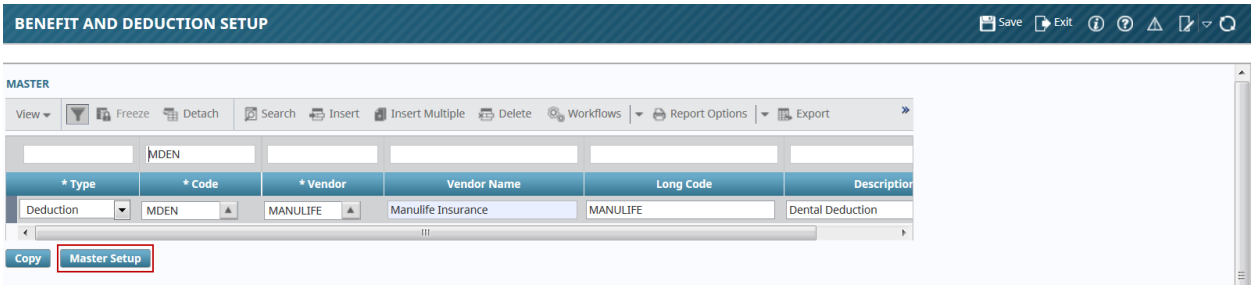

BEN DED PLAN OPTIONS
Save
Exit
Enter Plan Code
SELECTION CRITERIA
Plan Code DENTS
Dental Single
PLAN DETAIL
View
Freeze
Detach
Search
Insert
Insert Multiple
Delete
Workflows
Report Options
Export
ECM Documents
User Extensions
* Plan Option
* Description
* Short Description
* Dependent Coverage Level
Max Age In School
Max Age Not In School
SINGLE
Dental Single
Dental Single
Single coverage

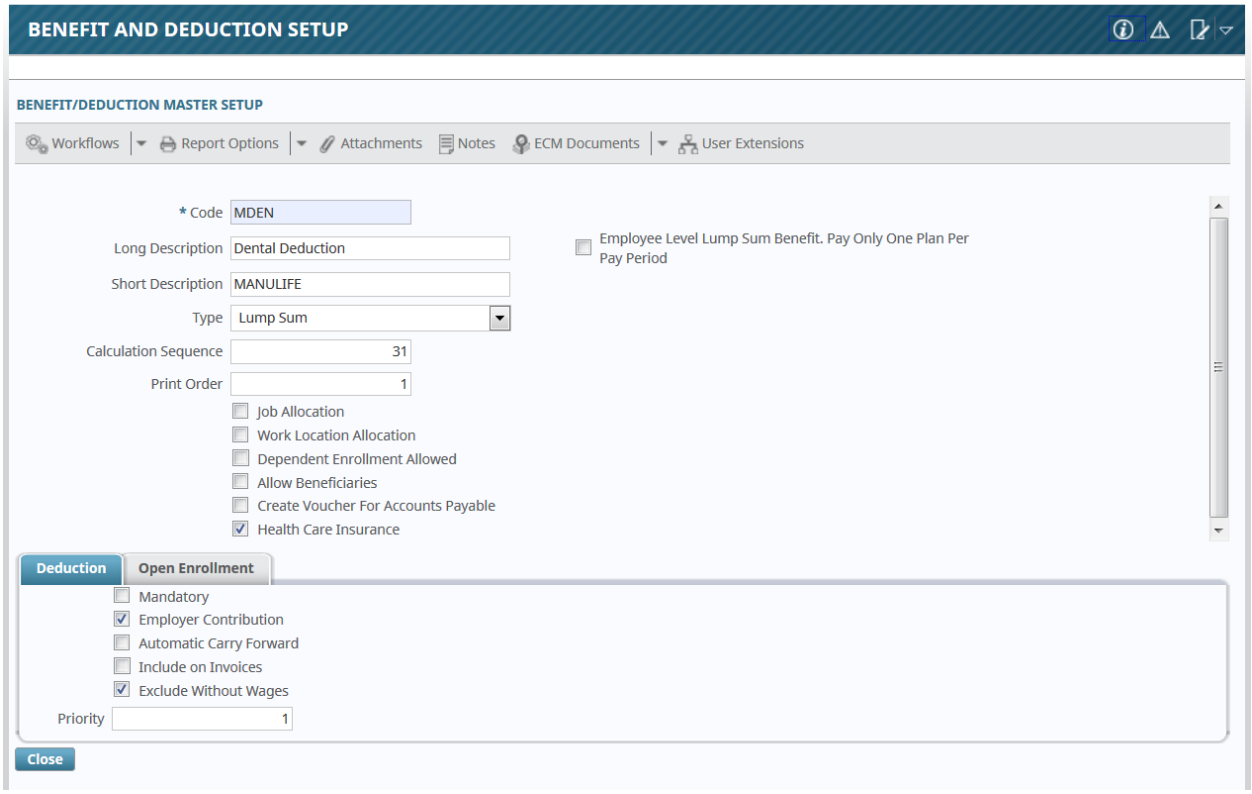
Benefits/Deductions Administration – Rules

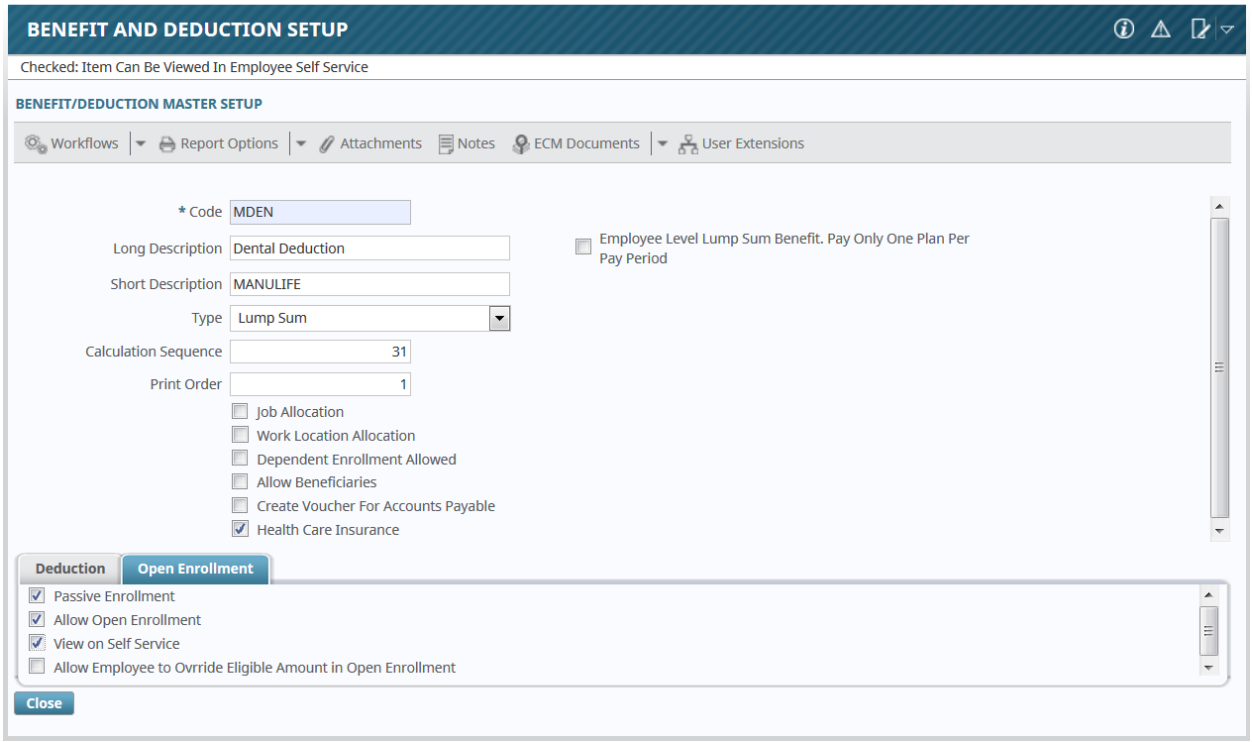


Benefits/Deductions Administration – Master Setup

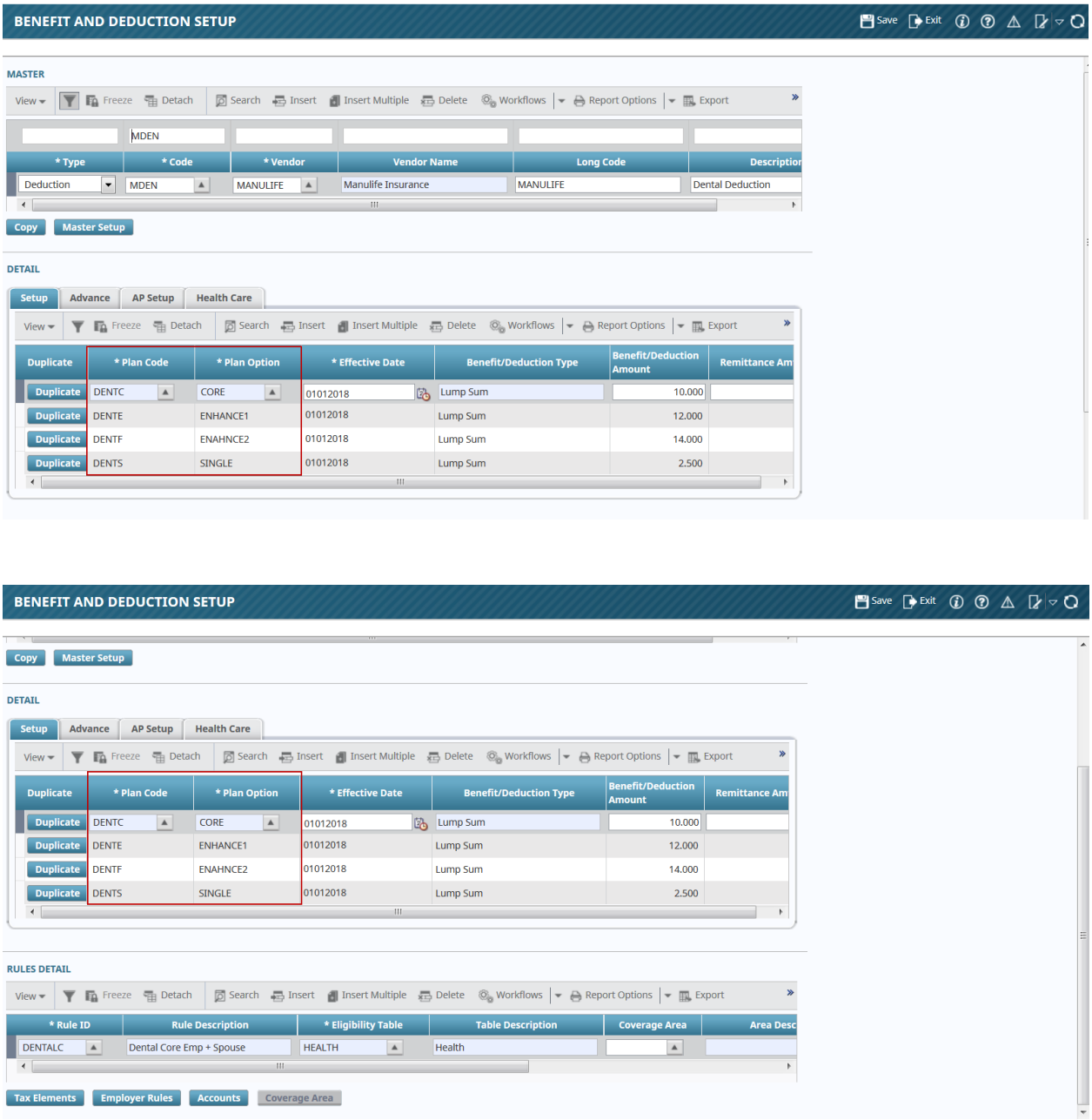
Create and setup the deduction and/or benefit



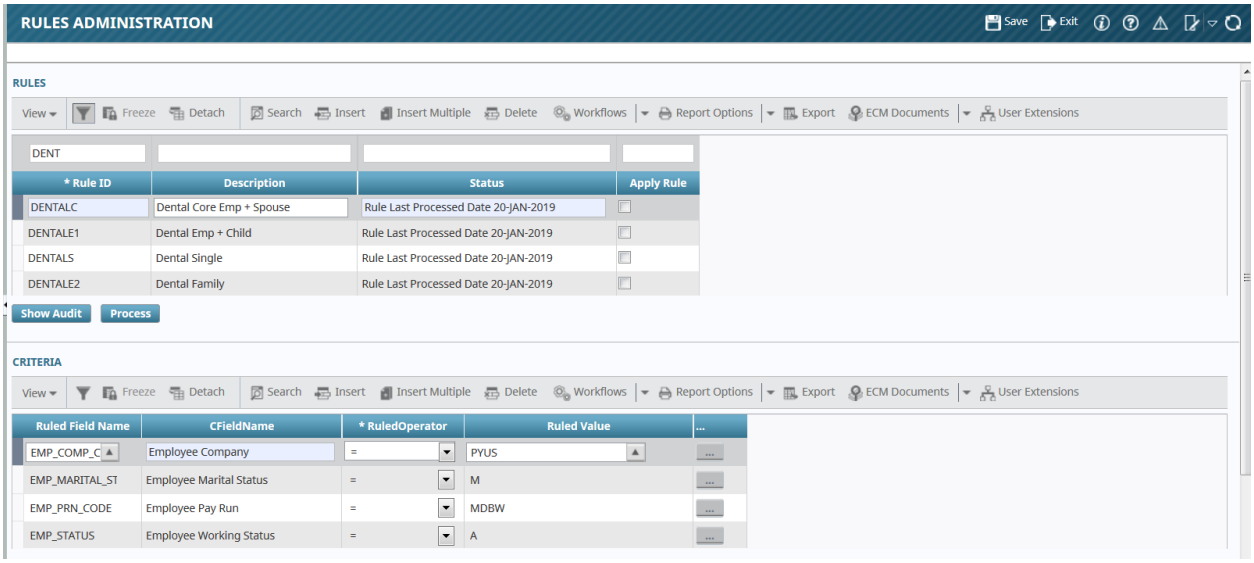

BENEFIT AND DEDUCTION SETUP
BENEFIT/DEDUCTION MASTER SETUP
Workflows
Report Options
Attachments
Notes
ECM Documents
User Extensions
* Code
MDEN
Long Description
Dental Deduction
Short Description
MANULIFE
Type
Lump Sum
Calculation Sequence
31
Print Order
1
Job Allocation
Work Location Allocation
Dependent Enrollment Allowed
Allow Beneficiaries
Create Voucher For Accounts Payable
Health Care Insurance
Employee Level Lump Sum Benefit. Pay Only One Plan Per Pay Period
Deduction
Open Enrollment
Mandatory
Employer Contribution
Automatic Carry Forward
Include on Invoices
Exclude Without Wages
Priority
1
Close


BENEFIT AND DEDUCTION SETUP
Checked: Item Can Be Viewed In Employee Self Service
BENEFIT/DEDUCTION MASTER SETUP
Workflows
Report Options
Attachments
Notes
ECM Documents
User Extensions
* Code
MDEN
Long Description
Dental Deduction
Short Description
MANULIFE
Type
Lump Sum
Calculation Sequence
31
Print Order
1
Job Allocation
Work Location Allocation
Dependent Enrollment Allowed
Allow Beneficiaries
Create Voucher For Accounts Payable
Health Care Insurance
Employee Level Lump Sum Benefit. Pay Only One Plan Per Pay Period
Deduction
Open Enrollment
Passive Enrollment
Allow Open Enrollment
View on Self Service
Allow Employee to Ovrride Eligible Amount in Open Enrollment
Close

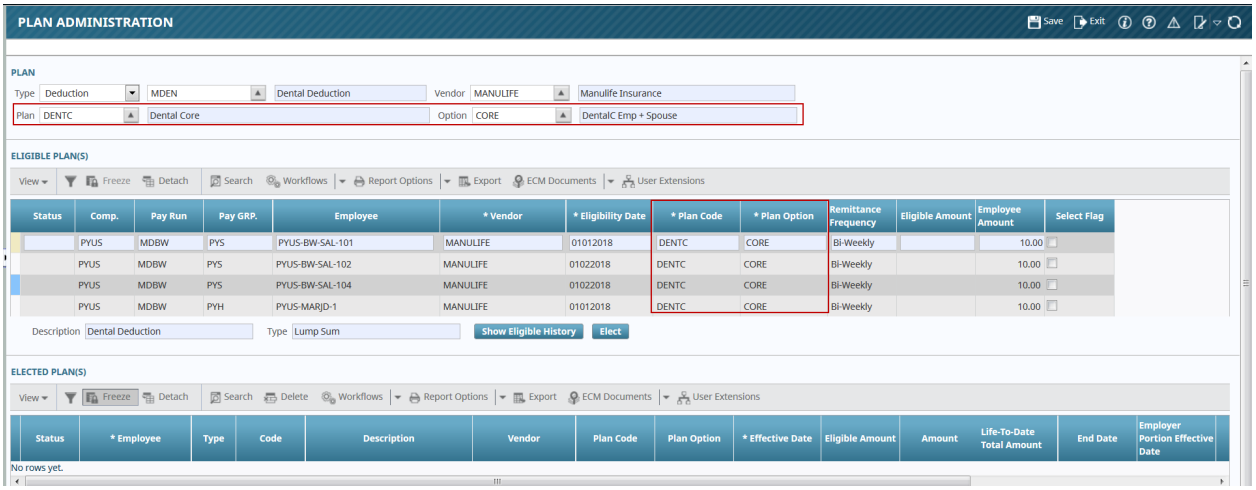
Benefit/Deductions - Detail Block

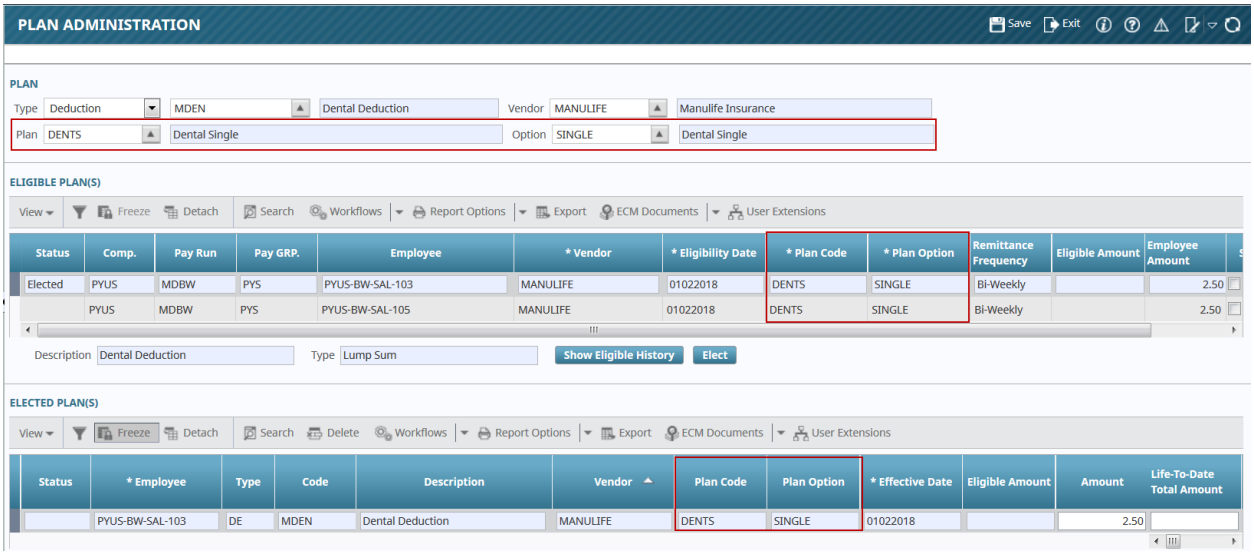


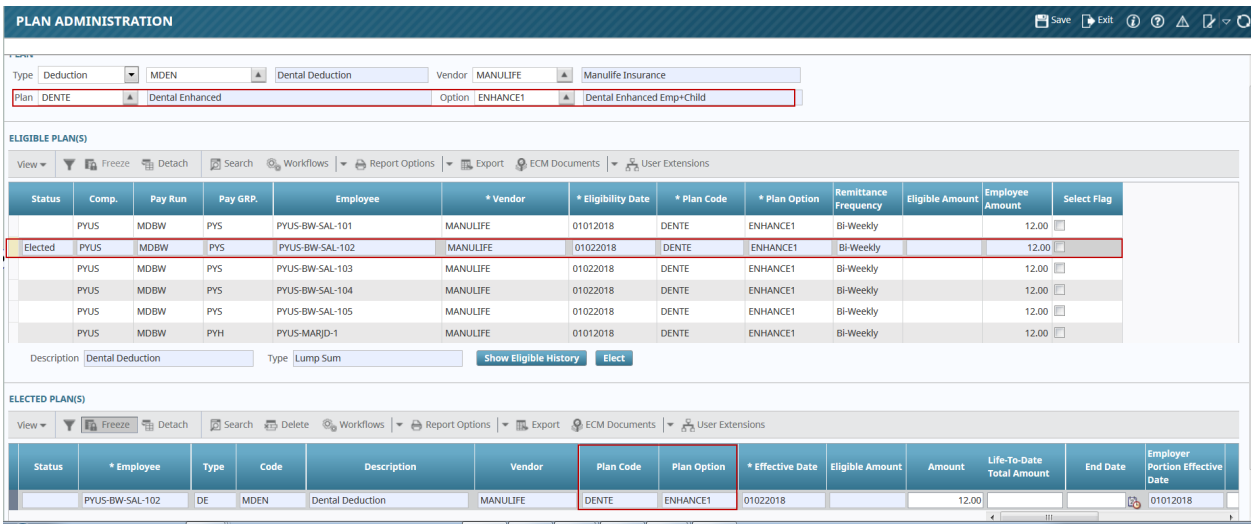
Under Rules Administration – Process the rules

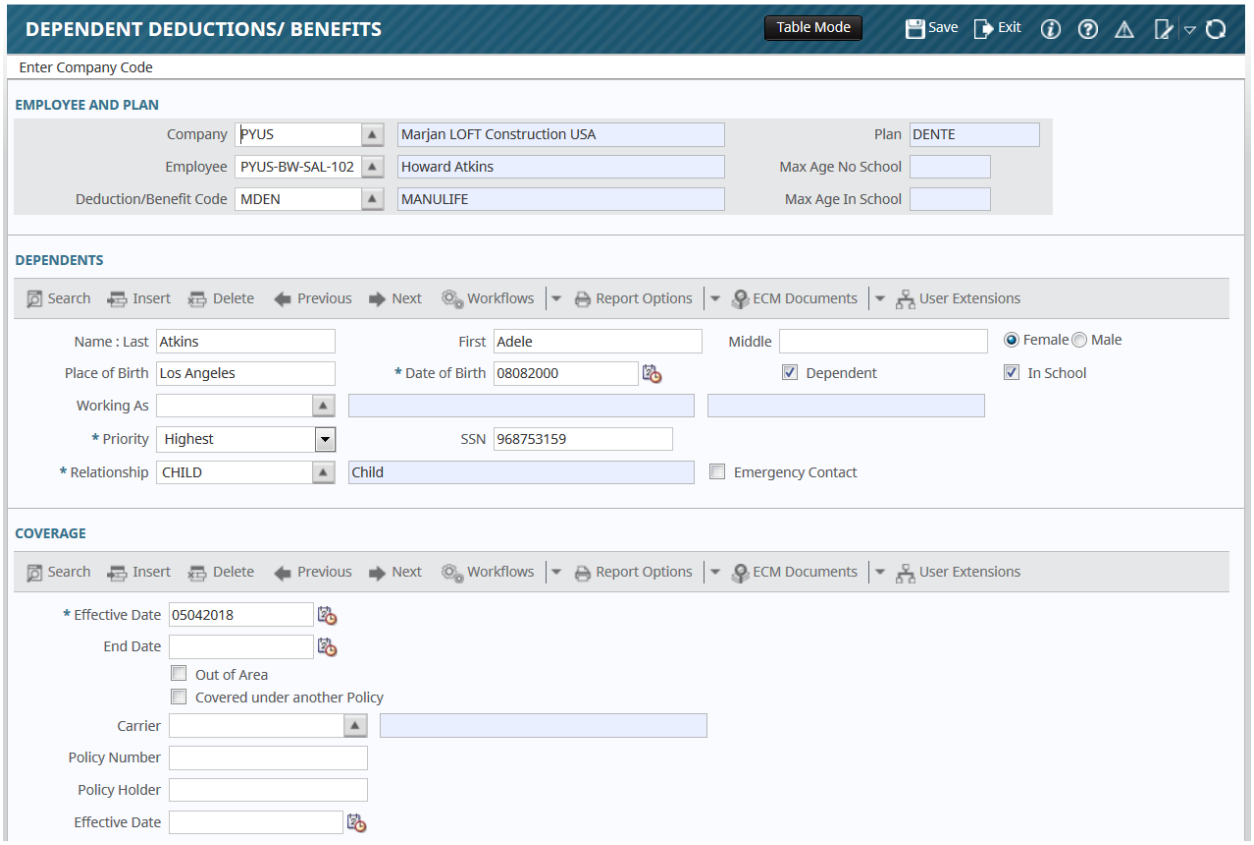


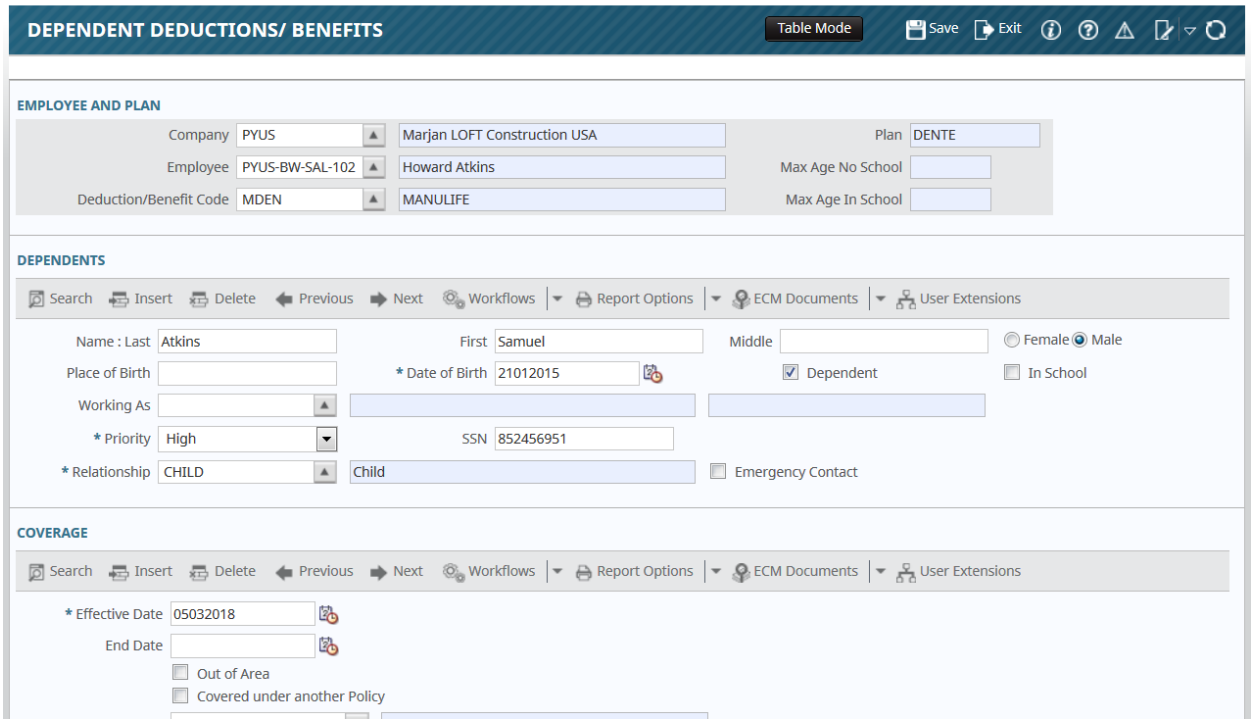
Election By Plan

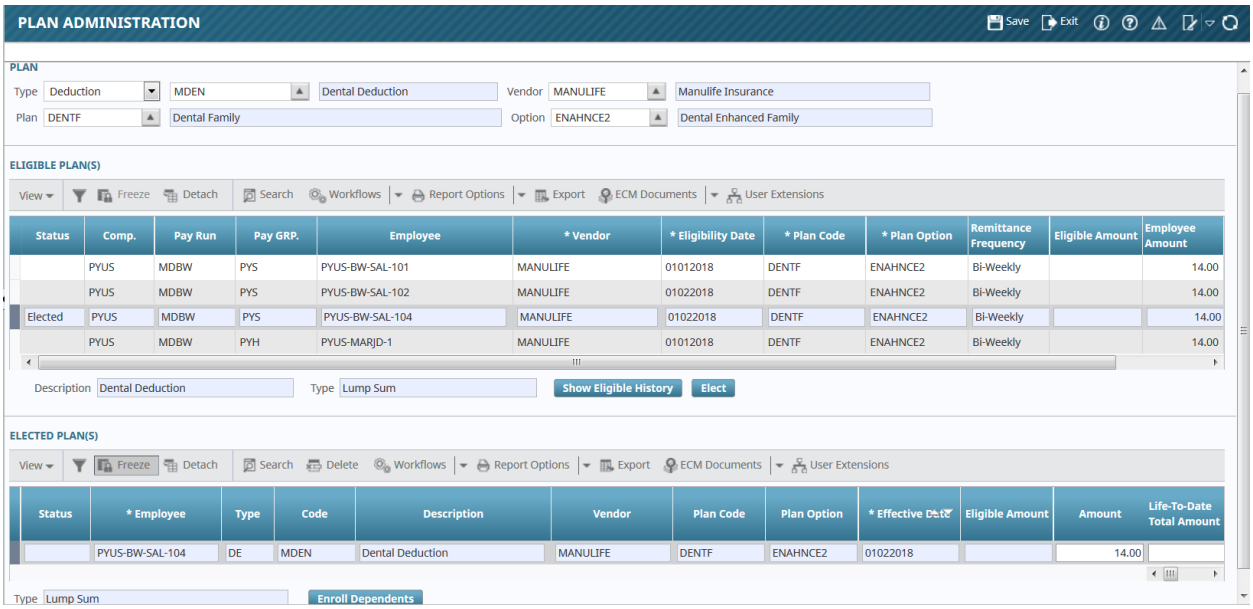



PLAN ADMINISTRATION
Save
Exit
PLAN
Type Deduction MDEN Dental Deduction Vendor MANULIFE Manulife Insurance
Plan DENTS Dental Single Option SINGLE Dental Single
ELIGIBLE PLAN(S)
View
Freeze
Detach
Search
Workflows
Report Options
Export
ECM Documents
User Extensions
Status
Comp.
Pay Run
Pay GRP.
Employee
* Vendor
* Eligibility Date
* Plan Code
* Plan Option
Remittance Frequency
Eligible Amount
Employee Amount
Elected PYUS MDBW PYS PYUS-BW-SAL-103 MANULIFE 01022018 DENTS SINGLE Bi-Weekly 2.50
PYUS MDBW PYS PYUS-BW-SAL-105 MANULIFE 01022018 DENTS SINGLE Bi-Weekly 2.50
Description Dental Deduction
Type Lump Sum
Show Eligible History
Elect
ELECTED PLAN(S)
View
Freeze
Detach
Search
Delete
Workflows
Report Options
Export
ECM Documents
User Extensions
Status
* Employee
Type
Code
Description
Vendor
Plan Code
Plan Option
* Effective Date
Eligible Amount
Amount
Life-To-Date Total Amount
PYUS-BW-SAL-103 DE MDEN Dental Deduction MANULIFE DENTS SINGLE 01022018 2.50

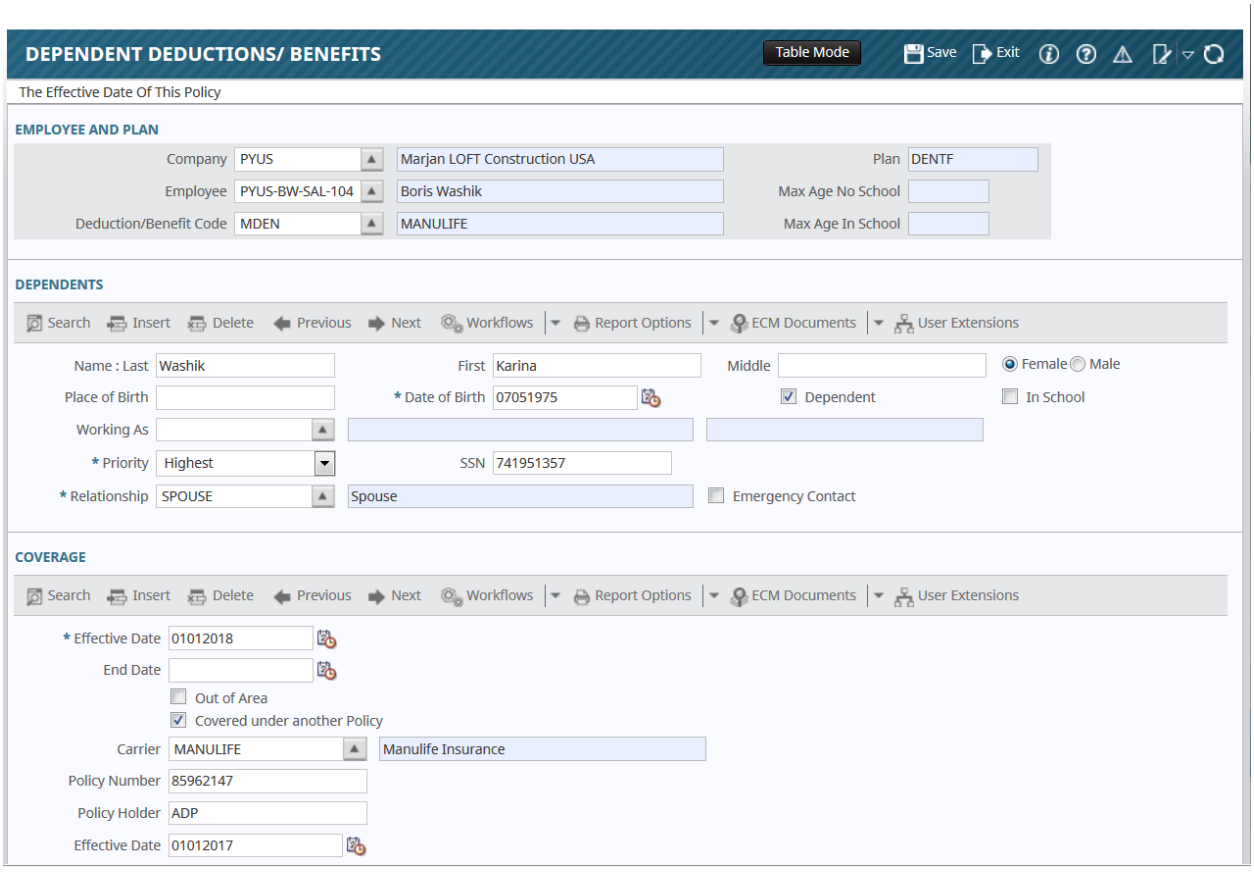

PLAN ADMINISTRATION
Save
Exit
Type Deduction MDEN Dental Deduction Vendor MANULIFE Manulife Insurance
Plan DENTE Dental Enhanced Option ENHANCE1 Dental Enhanced Emp+Child
ELIGIBLE PLAN(S)
View
Freeze
Detach
Search
Workflows
Report Options
Export
ECM Documents
User Extensions
Status
Comp.
Pay Run
Pay GRP.
Employee
* Vendor
* Eligibility Date
* Plan Code
* Plan Option
Remittance Frequency
Eligible Amount
Employee Amount
Select Flag
PYUS MDBW PYS PYUS-BW-SAL-101 MANULIFE 01012018 DENTE ENHANCE1 Bi-Weekly 12.00
Elected PYUS MDBW PYS PYUS-BW-SAL-102 MANULIFE 01022018 DENTE ENHANCE1 Bi-Weekly 12.00
PYUS MDBW PYS PYUS-BW-SAL-103 MANULIFE 01022018 DENTE ENHANCE1 Bi-Weekly 12.00
PYUS MDBW PYS PYUS-BW-SAL-104 MANULIFE 01022018 DENTE ENHANCE1 Bi-Weekly 12.00
PYUS MDBW PYS PYUS-BW-SAL-105 MANULIFE 01022018 DENTE ENHANCE1 Bi-Weekly 12.00
PYUS MDBW PYH PYUS-MARJD-1 MANULIFE 01012018 DENTE ENHANCE1 Bi-Weekly 12.00
Description Dental Deduction
Type Lump Sum
Show Eligible History
Elect
ELECTED PLAN(S)
View
Freeze
Detach
Search
Delete
Workflows
Report Options
Export
ECM Documents
User Extensions
Status
* Employee
Type
Code
Description
Vendor
Plan Code
Plan Option
* Effective Date
Eligible Amount
Amount
Life-To-Date Total Amount
End Date
Employer Portion Effective Date
PYUS-BW-SAL-102 DE MDEN Dental Deduction MANULIFE DENTE ENHANCE1 01022018 12.00 01012018

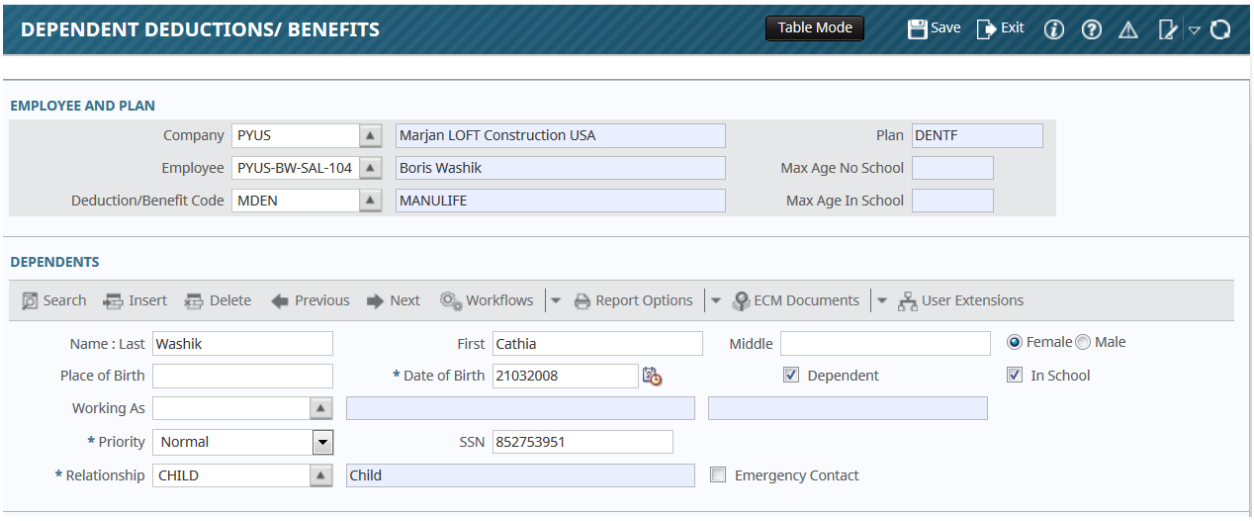

DEPENDENT DEDUCTIONS/ BENEFITS
Table Mode
Save
Exit
Enter Company Code
EMPLOYEE AND PLAN
Company PYUS Marjan LOFT Construction USA
Plan DENTE
Employee PYUS-BW-SAL-102 Howard Atkins
Max Age No School
Deduction/Benefit Code MDEN MANULIFE
Max Age In School
DEPENDENTS
Search Insert Delete Previous Next Workflows Report Options ECM Documents User Extensions
Name : Last Atkins
First Adele
Middle
Female Male
Place of Birth Los Angeles
* Date of Birth 08082000
Dependent
In School
Working As
* Priority Highest
SSN 968753159
* Relationship CHILD Child
Emergency Contact
COVERAGE
Search Insert Delete Previous Next Workflows Report Options ECM Documents User Extensions
* Effective Date 05042018
End Date
Out of Area
Covered under another Policy
Carrier
Policy Number
Policy Holder
Effective Date


DEPENDENT DEDUCTIONS/ BENEFITS
Table Mode
Save
Exit
EMPLOYEE AND PLAN
Company PYUS Marjan LOFT Construction USA
Plan DENTE
Employee PYUS-BW-SAL-102 Howard Atkins
Max Age No School
Deduction/Benefit Code MDEN MANULIFE
Max Age In School
DEPENDENTS
Search Insert Delete Previous Next Workflows Report Options ECM Documents User Extensions
Name : Last Atkins
First Samuel
Middle
Female Male
Place of Birth
* Date of Birth 21012015
Dependent
In School
Working As
* Priority High
SSN 852456951
* Relationship CHILD Child
Emergency Contact
COVERAGE
Search Insert Delete Previous Next Workflows Report Options ECM Documents User Extensions
* Effective Date 05032018
End Date
Out of Area
Covered under another Policy

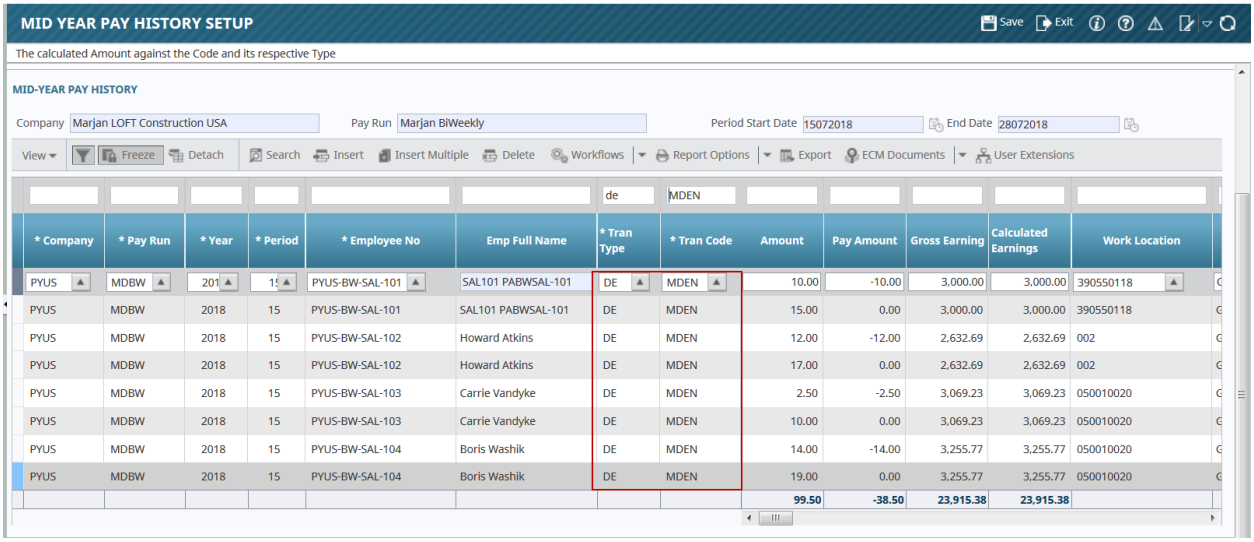


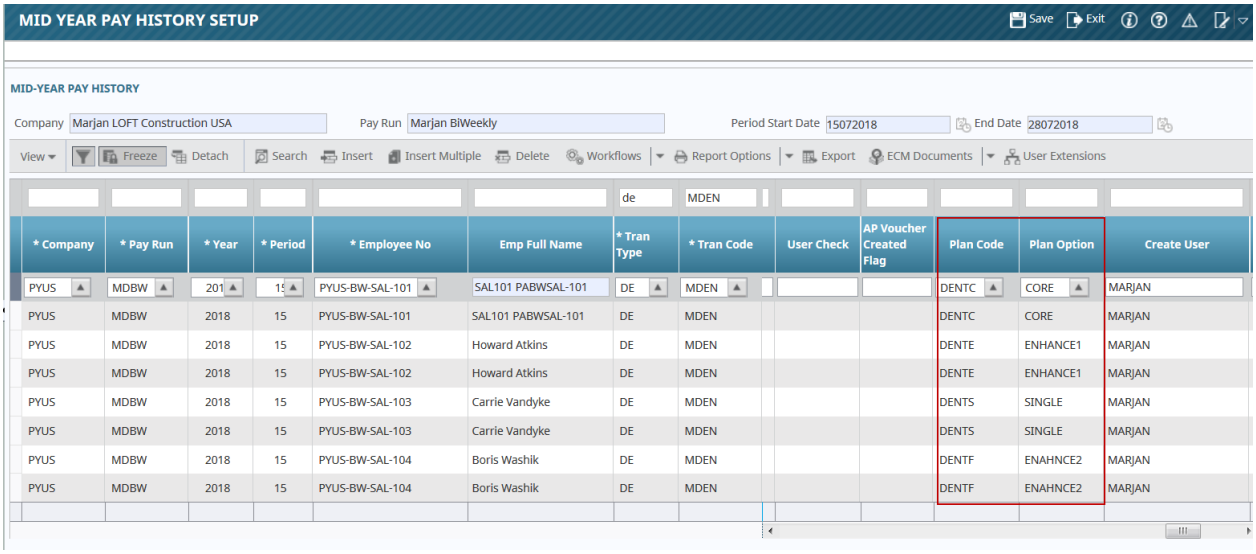
Enroll Dependents



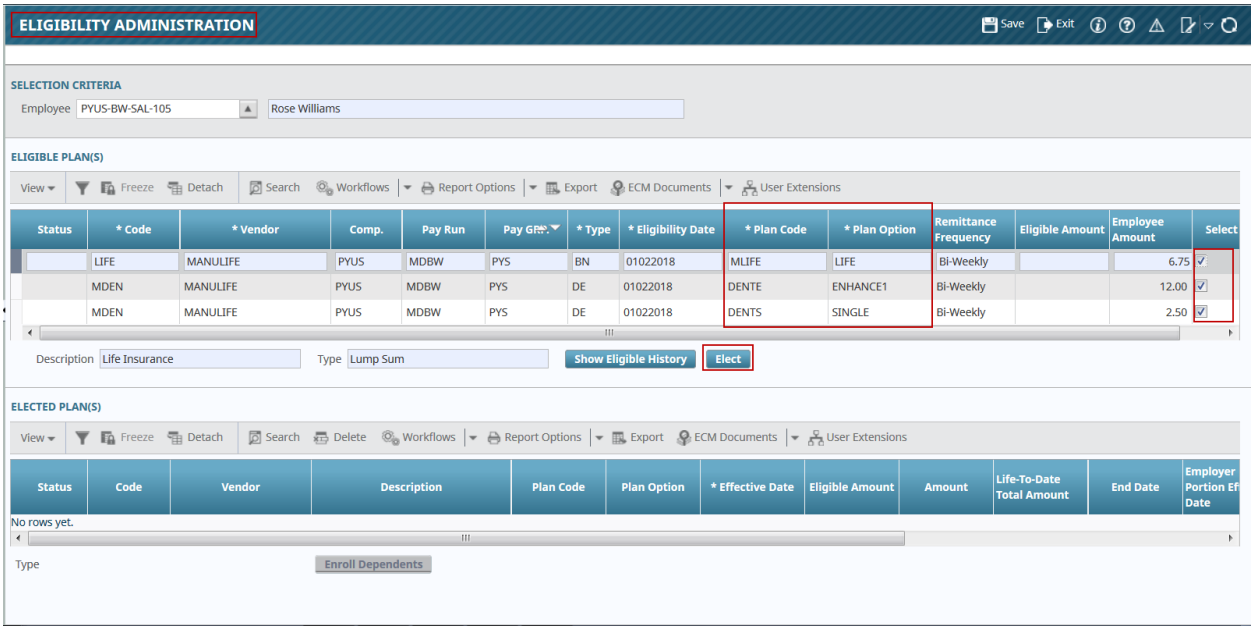


Processed Payroll – Period 15 Bi-Weekly Pay Run

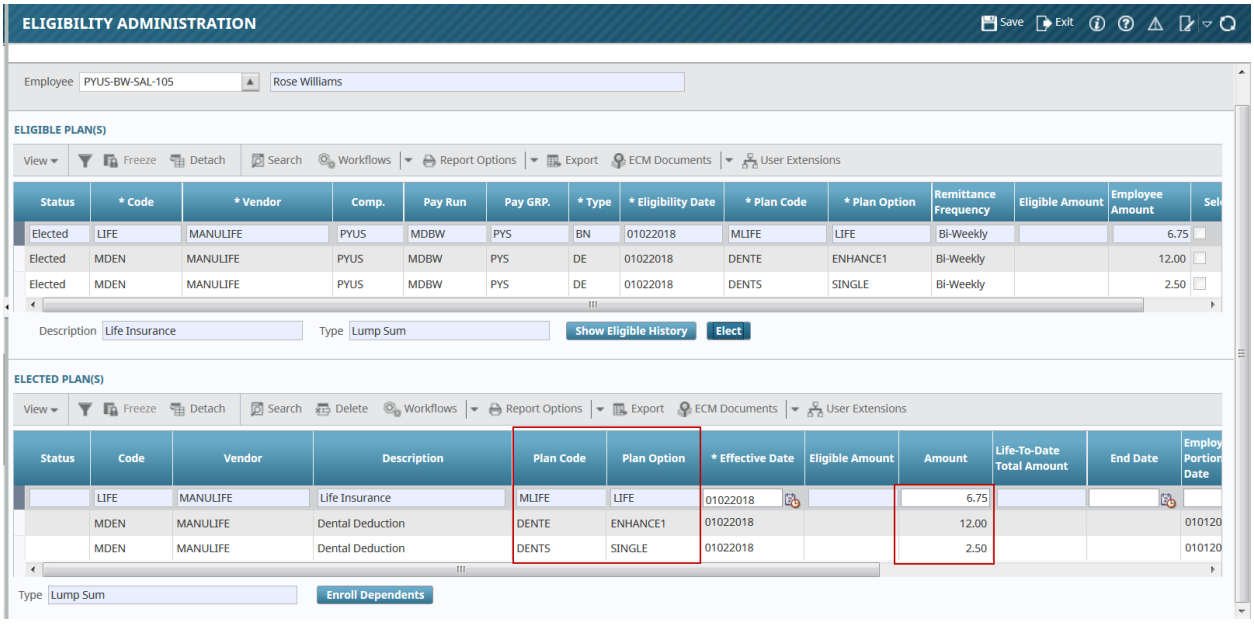




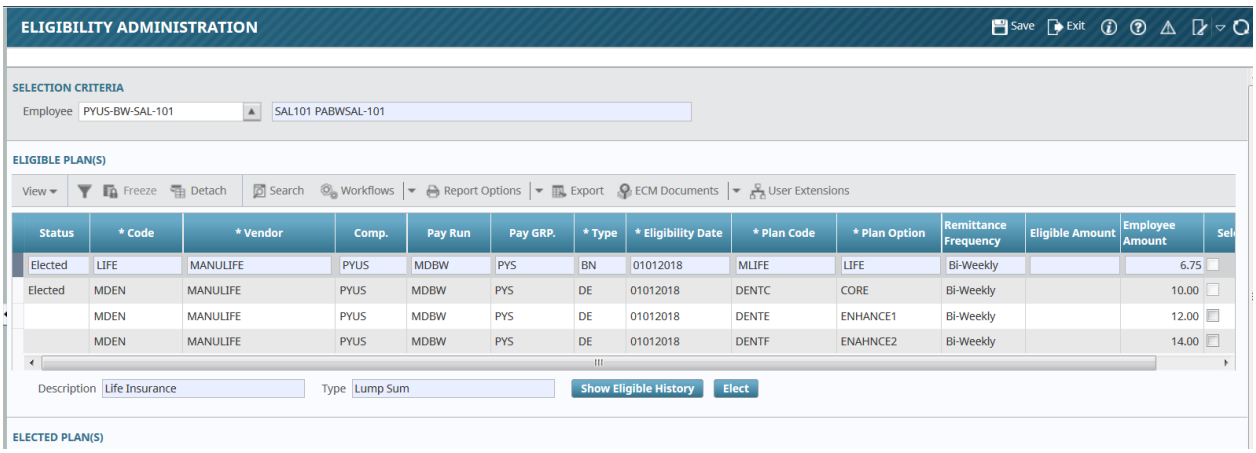
Eligibility Administration – Election by Employee

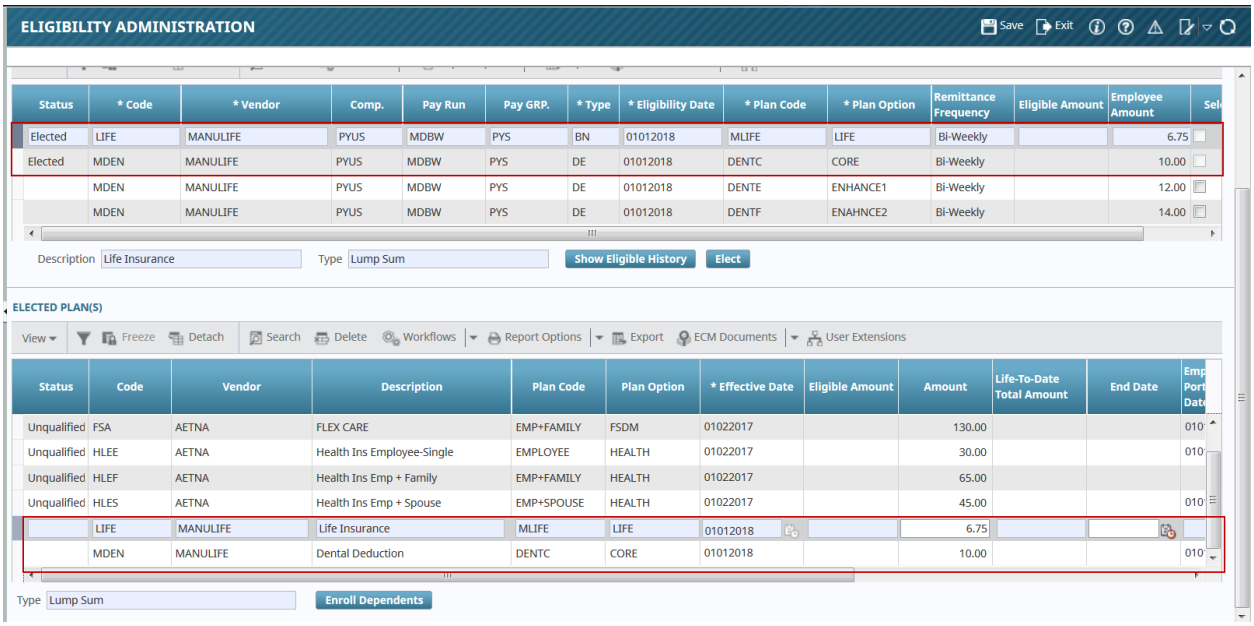


Elected Plans



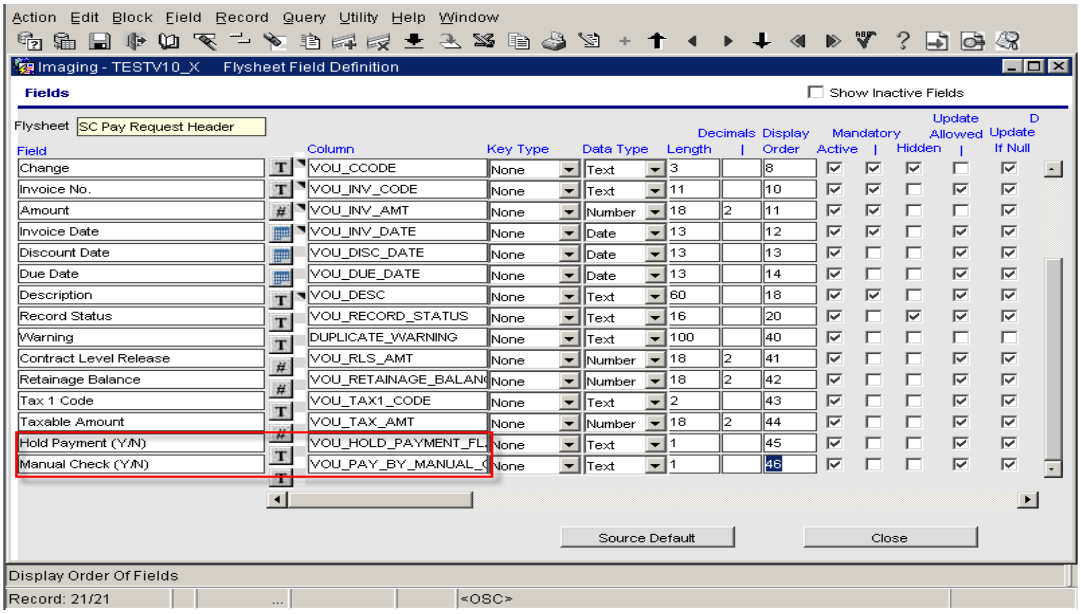
Elected Plan via Ben/Ded Plan Administration Program




ELIGIBILITY ADMINISTRATION
Save
Exit
Status
* Code
* Vendor
Comp.
Pay Run
Pay GRP.
* Type
* Eligibility Date
* Plan Code
* Plan Option
Remittance Frequency
Eligible Amount
Employee Amount
Elected LIFE MANULIFE PYUS MDBW PYS BN 01012018 MLIFE LIFE Bi-Weekly 6.75
Elected MDEN MANULIFE PYUS MDBW PYS DE 01012018 DENTC CORE Bi-Weekly 10.00
MDEN MANULIFE PYUS MDBW PYS DE 01012018 DENTE ENHANCE1 Bi-Weekly 12.00
MDEN MANULIFE PYUS MDBW PYS DE 01012018 DENTF ENAHNCE2 Bi-Weekly 14.00
Description Life Insurance
Type Lump Sum
Show Eligible History
Elect
ELECTED PLAN(S)
View
Freeze
Detach
Search
Delete
Workflows
Report Options
Export
ECM Documents
User Extensions
Status
Code
Vendor
Description
Plan Code
Plan Option
* Effective Date
Eligible Amount
Amount
Life-To-Date Total Amount
End Date
Unqualified FSA AETNA FLEX CARE EMP+FAMILY FSDM 01022017 130.00
Unqualified HLEE AETNA Health Ins Employee-Single EMPLOYEE HEALTH 01022017 30.00
Unqualified HLEF AETNA Health Ins Emp + Family EMP+FAMILY HEALTH 01022017 65.00
Unqualified HLES AETNA Health Ins Emp + Spouse EMP+SPOUSE HEALTH 01022017 45.00
LIFE MANULIFE Life Insurance MLIFE LIFE 01012018 6.75
MDEN MANULIFE Dental Deduction DENTC CORE 01012018 10.00
Type Lump Sum
Enroll Dependents

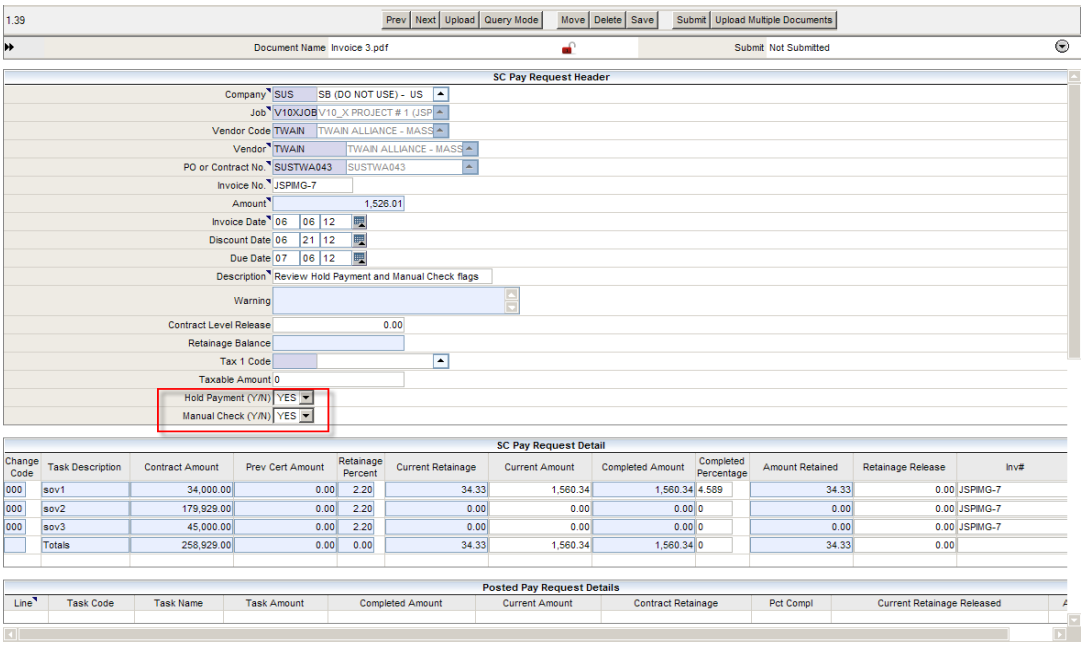
Imaging

Voucher Flysheet – Hold Payment and Manual Check flags (12.69545)



Added the **Hold Payment** and **Manual Check** flags to the RAD_VOUCHER flysheet view.

Example of use in a flysheet is shown in the screen prints.



Registered Invoice from Imaging with Non-PO Distribution (13.77917)

When entering a registered invoice through imaging with Non-PO distribution lines and upon posting, if there is a "J" line, then system posts as "Spent Outside the Commitment". Previously, for both PO and Non-PO distributions of a J line, the system was recording as 'Spent against commitment'

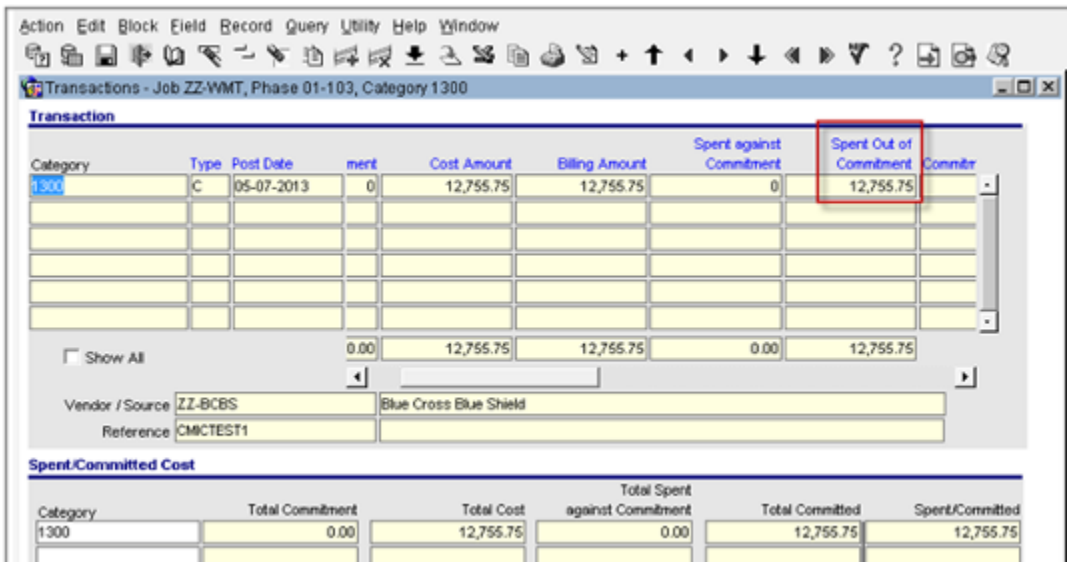
Modifications:

The Imaging System Options table (da.img_system_option) is modified with a field imgso_po_spend_os_comt_flag . The Flag value when set as 'Y', the invoice posting will record 'Non-PO' Job (J) distributions as 'Spent Outside Commitment'. The valid Values Are Y/N.

The Imaging Controls Screen in JSP, will be modified in future revision/version with a new flag which users will be able to set the control.

Currently the flag may NOT be accessed by users and CMiC Support may be contacted for any assistance





Registered Invoices with Non-PO Distribution (13.77917)

When entering a registered invoice through imaging with Non-PO distribution lines and upon posting, if there is a "J" line, then system posts as "Spent Outside the Commitment". Previously, for both PO and Non-PO distributions of a J line, the system was recording as 'Spent against commitment'

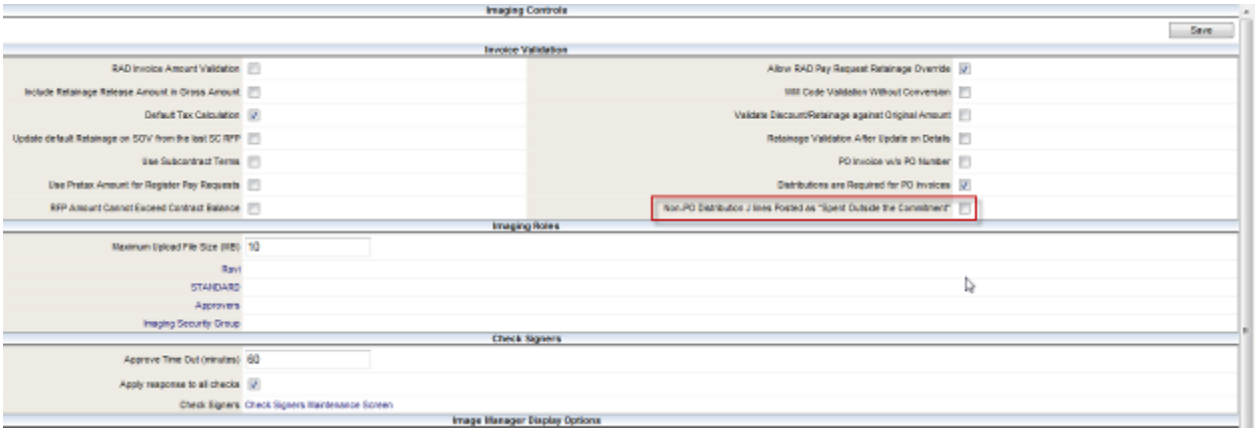
Modifications:

The Imaging System Options table (da.img_system_option) is modified with a field imgso_po_spend_os_comt_flag . The default value is set as 'N'.

The Flag value when set as 'Y', the invoice posting will record 'Non-PO' Job (J) distributions as 'Spent Outside Commitment'. The valid Values Are Y/N.

This modification was released in patch V10-X-008 and is functional.

In the current patch the Imaging Control Screen in JSP is modified with theis new flag made available for users to set a required value Y/N.



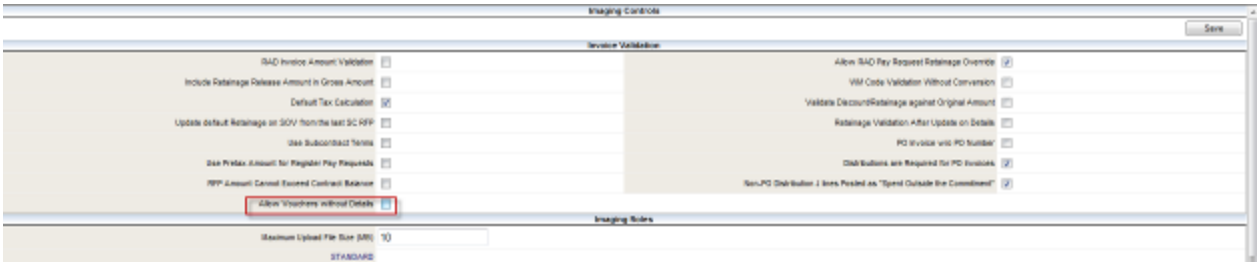
Attachment Creation when running MIP Report (13.82028)

The flag IMGSO_MIP_ATT_FLAG was added to the Imaging System Options table (DA.IMG_SYSTEM_OPTION). The default value is 'Y'.

To set this flag as ‘Y’ or ‘N’ user needs to run scripts MIP_Enable_Attachment.sql or MIP_Disable_Attachment.sql accordingly.

If flag is set as ‘Y’ and ECM is enabled in the system, the MIP report run automatically creates the attachment. If either of these conditions is not fulfilled the MIP creates the report only.

Imaging Control - Vouchers Without Details (13.83676)



Applied changes to allow header-only vouchers to be entered via Imaging, by introducing the Imaging Control flag: "**Allow Vouchers without Details**".

When the flag is checked, the user will receive a confirmation message:

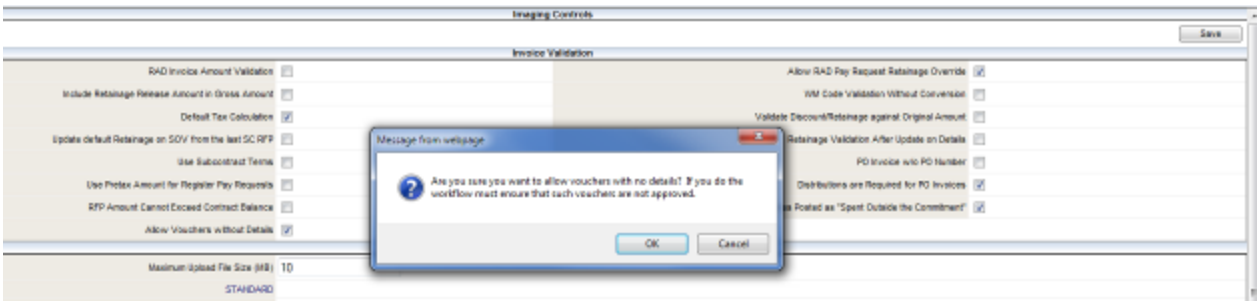
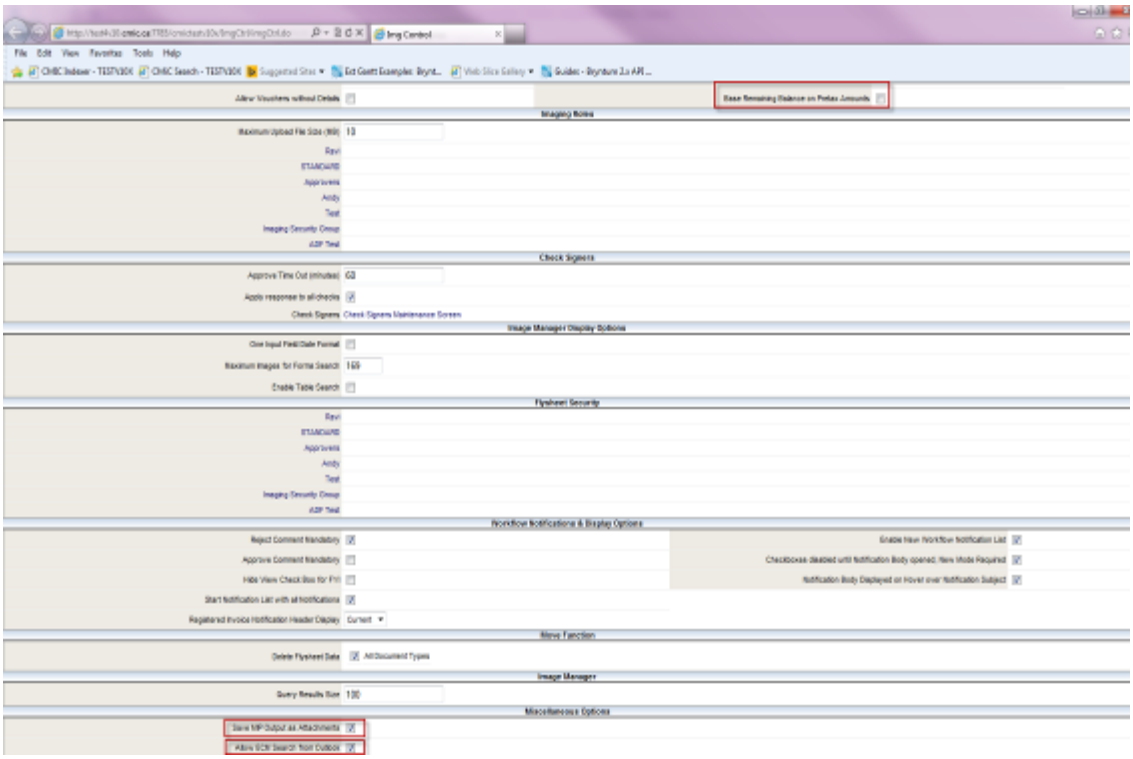
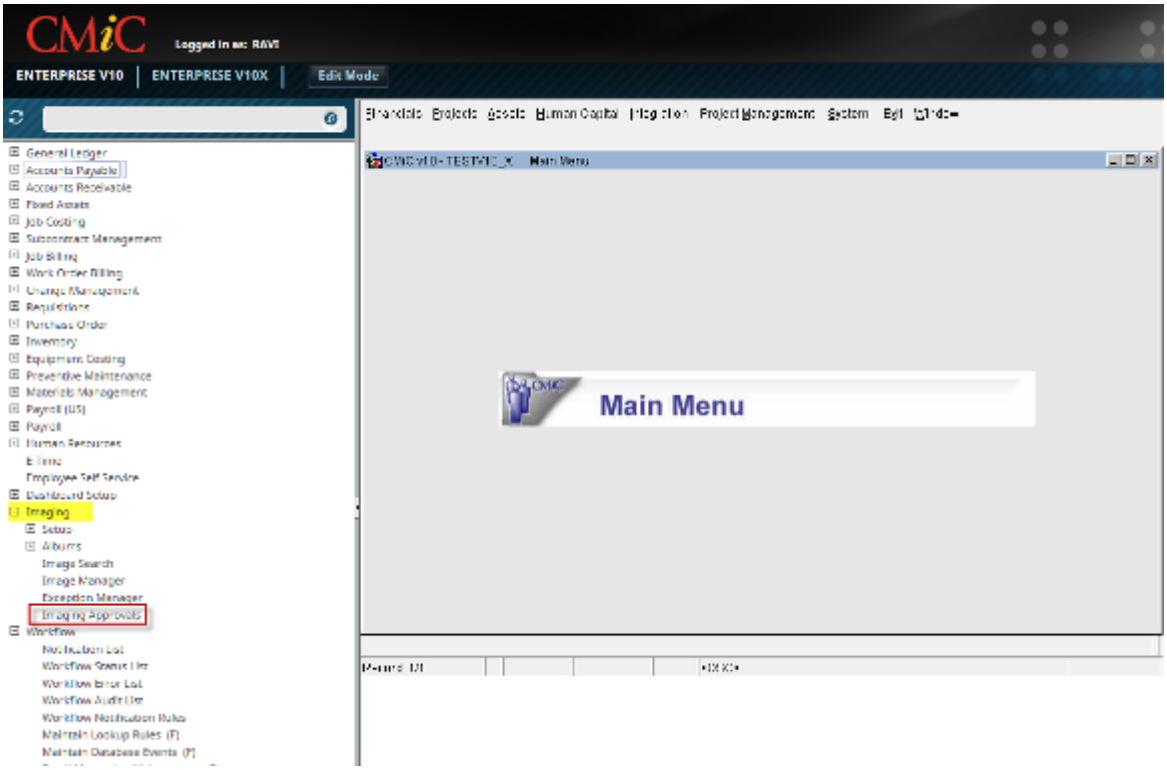


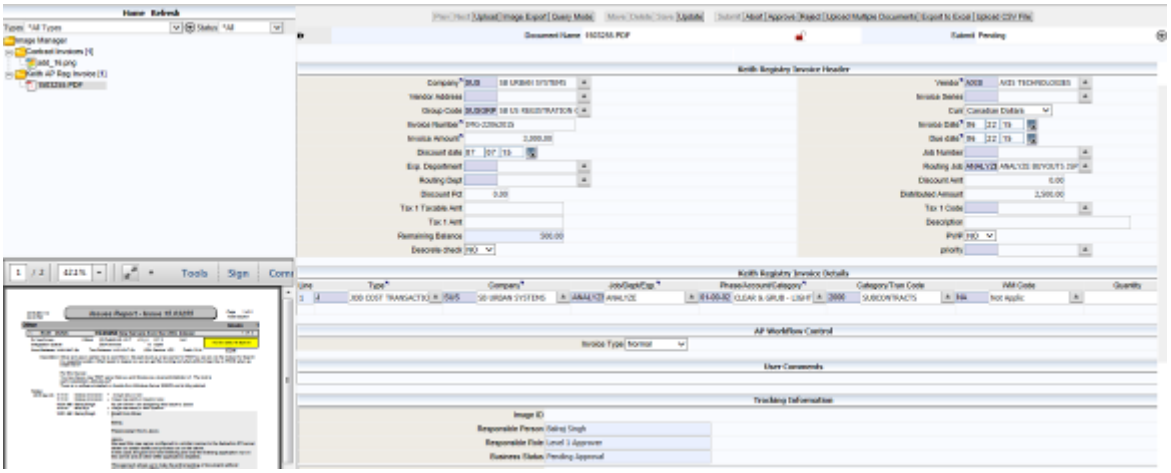
Image Control Flags (14.93697)



Added the following flags to the Imaging Controls screen:
MIP Attachment flag
ECM Search Enabled
Image Pretax Remaining Balance Flag

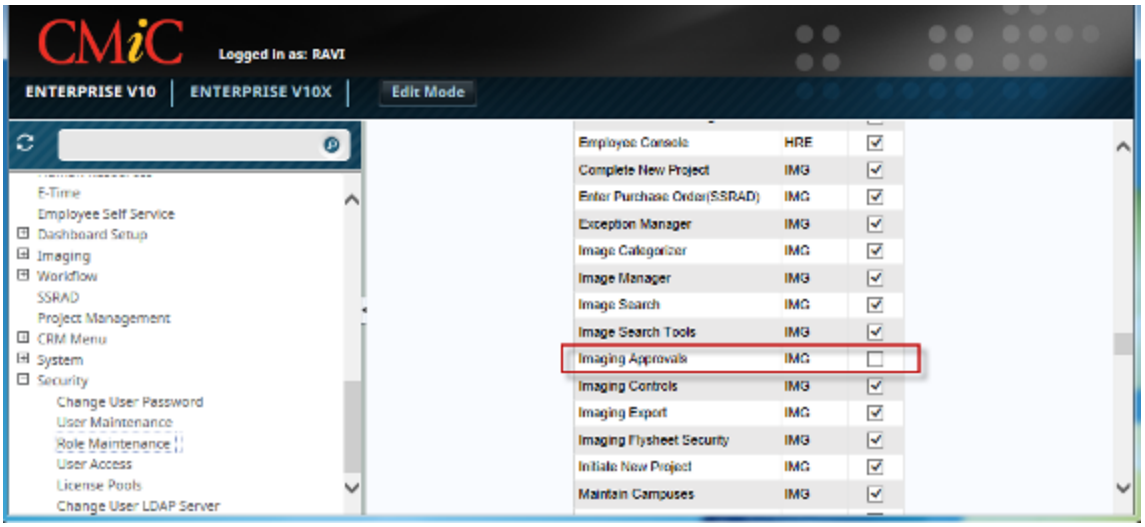
Imaging Approvals Menu Option (13.77196)





Added a standard tree view menu from 'Imaging' application node that launches the approval mode for the portal user. Same as the portal user accessing the notification list and viewing all notifications assigned to them.

This new option is secured by Role Security and users must assign this program to the desired roles and refresh the tree view menu to gain access. The default value is unchecked and no roles and hence no users will have this option added to the tree view. Currently, this can only be accessed from Forms tree view menu and future developments will add the same to ADF Console tree view as well.



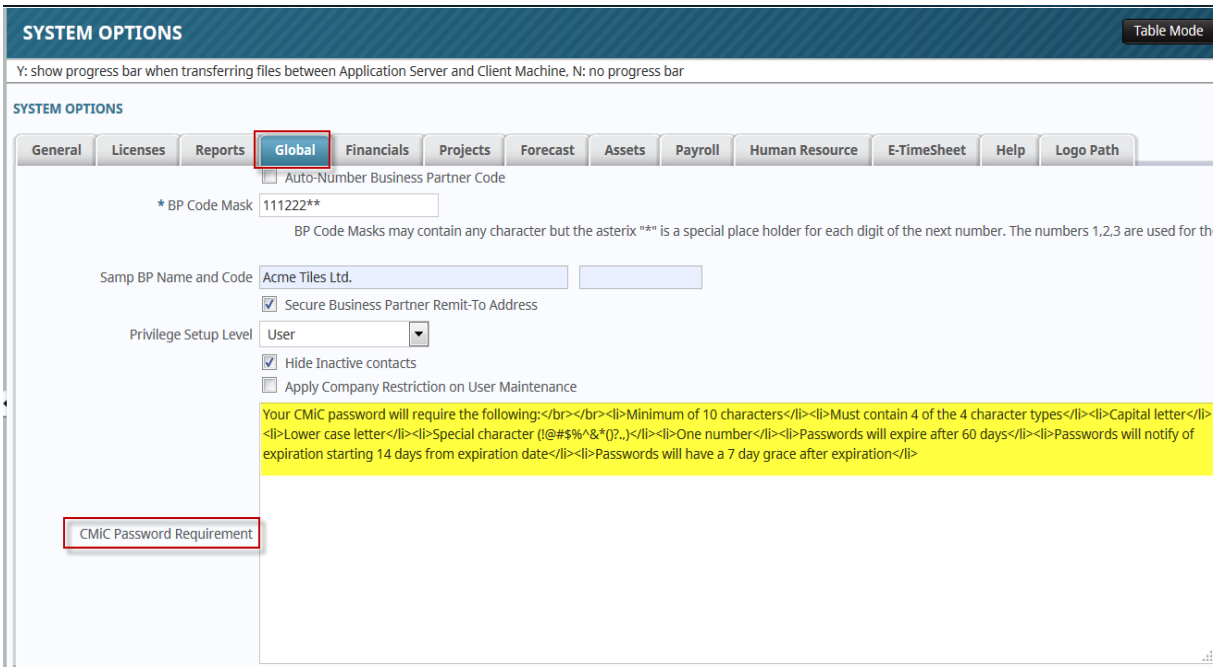
Infrastructure

Password Change Rules Verbiage (18.53381)

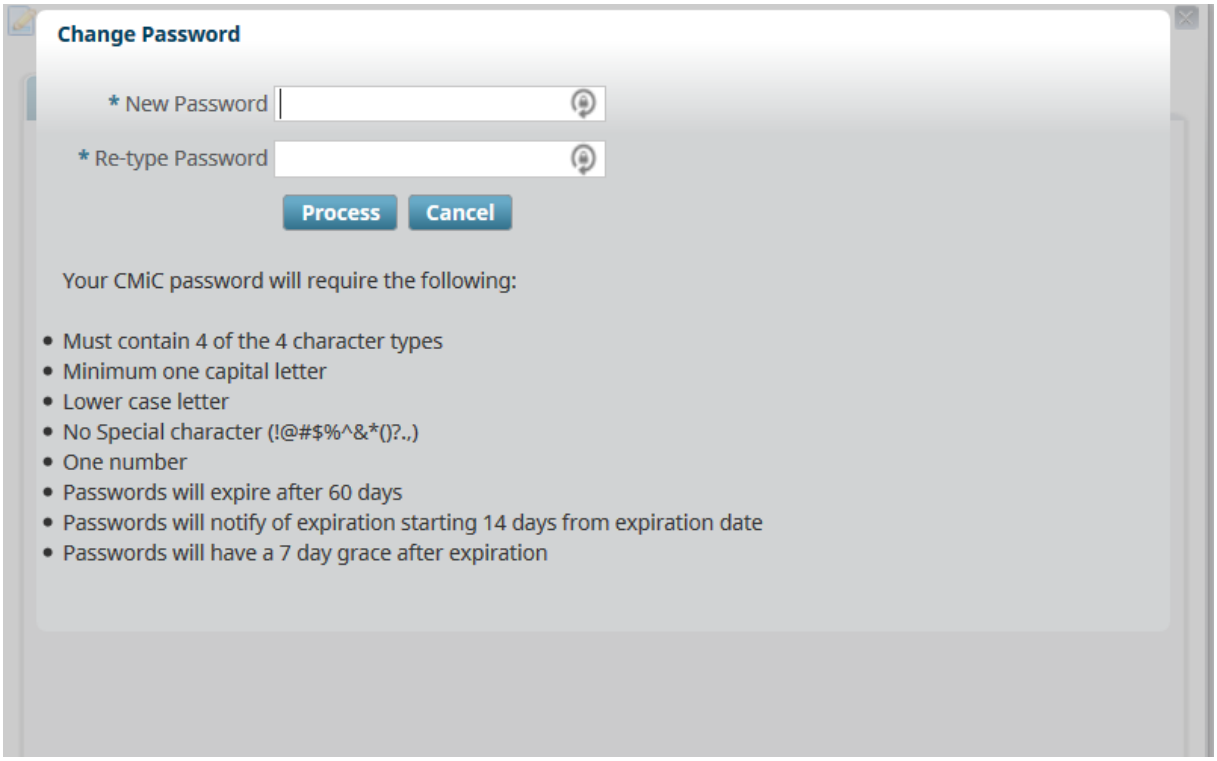
Implemented Verbiage for 'Password Change Rules' in the change password screen in Enterprise (ADF) and Project Maintenance (JSP). A new column is added in 'System Options' screen > Global Tab as "CMiC Password Requirement". Users may add any customized message to the screen specific to their LDAP password requirements which will be displayed during password change.

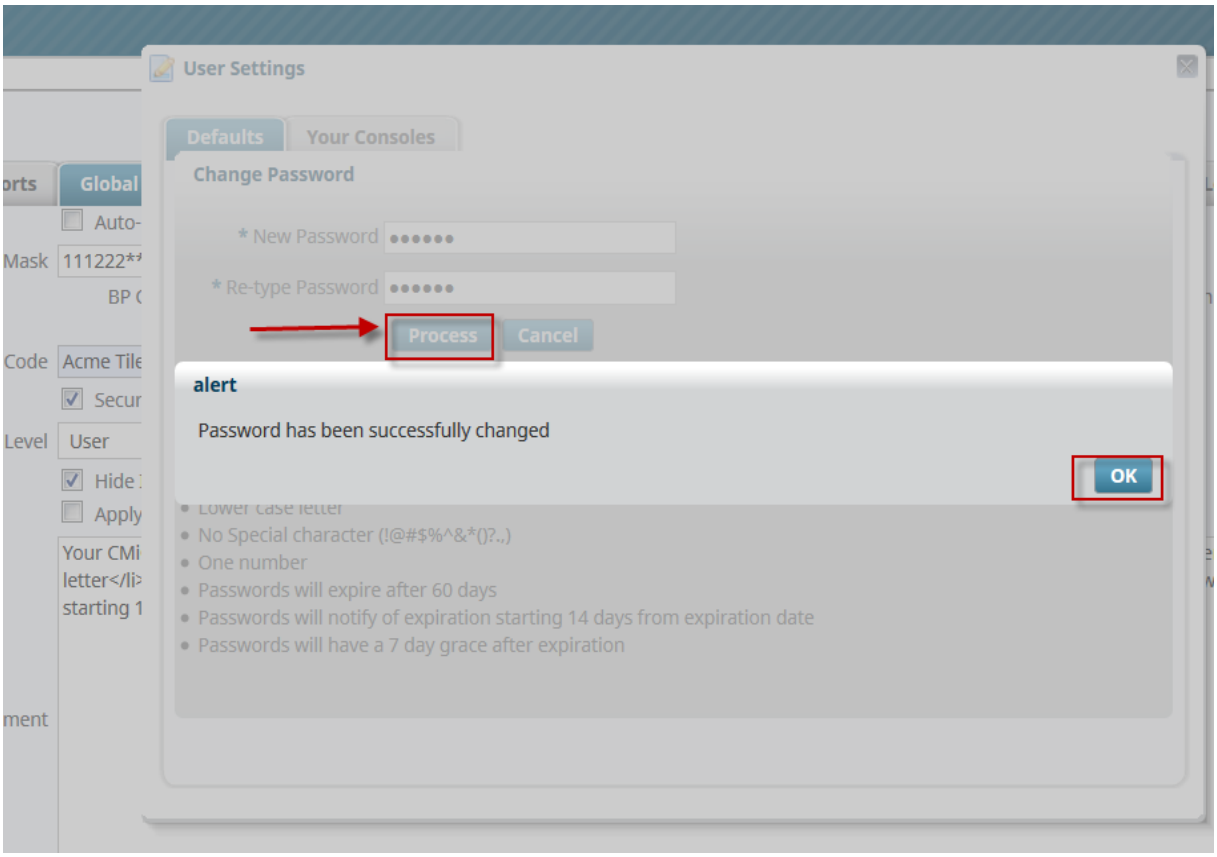
The Password Requirement text accepts HTML tags if the text must be formatted during display.

The following screen shows the HTML tags in the text and the resultant Password Rules formatted display.

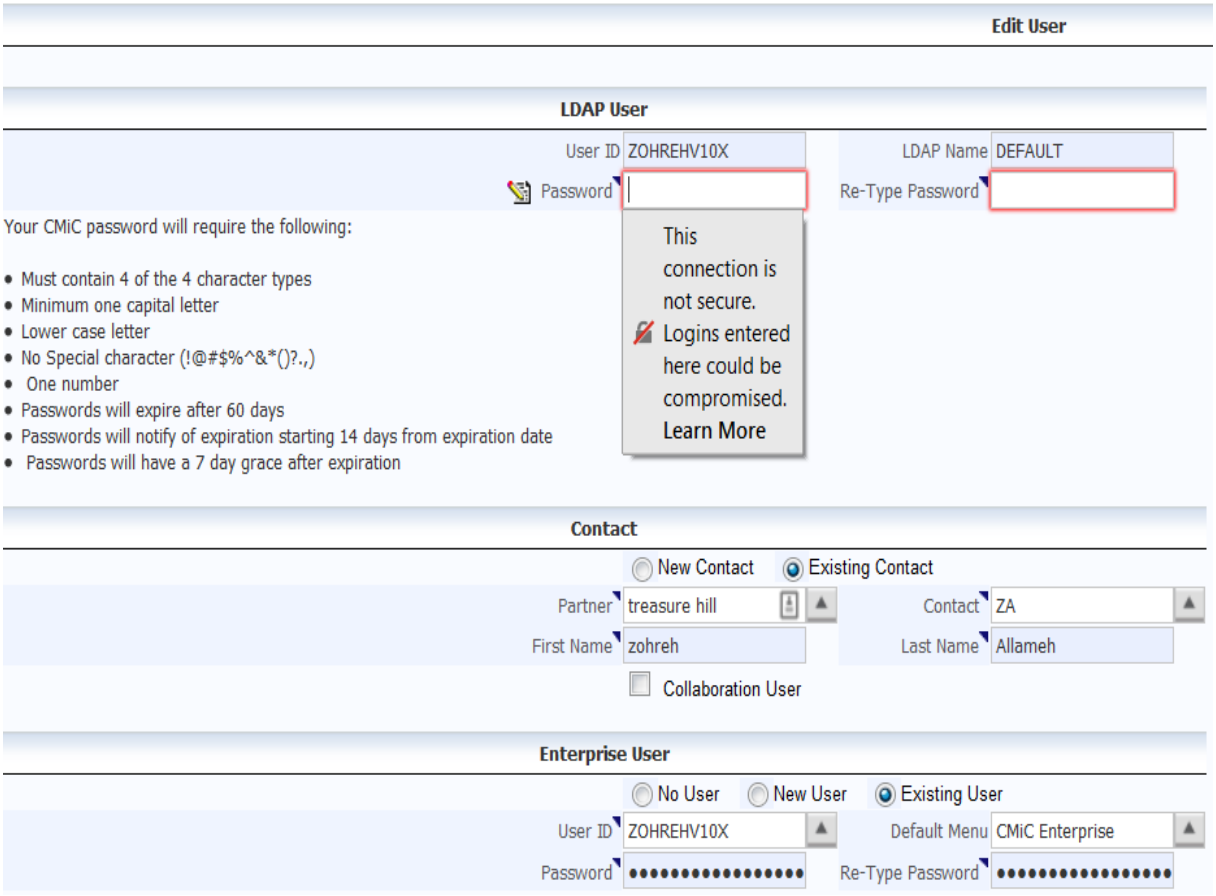


Click on **User Name** on top left banner of the ADF screen -> **Change Password,** the popup screen will be opened with the password requirements rules displayed. Users must understand that this is just a message to users in case of any errors during commit and serves as a reminder of the LDAP rules. Hence users must maintain a relevant password requirements text as per their LDAP security.





In JSP programs the User Maintenance Program shows the password requirements just below the User ID Field.



I/O Email

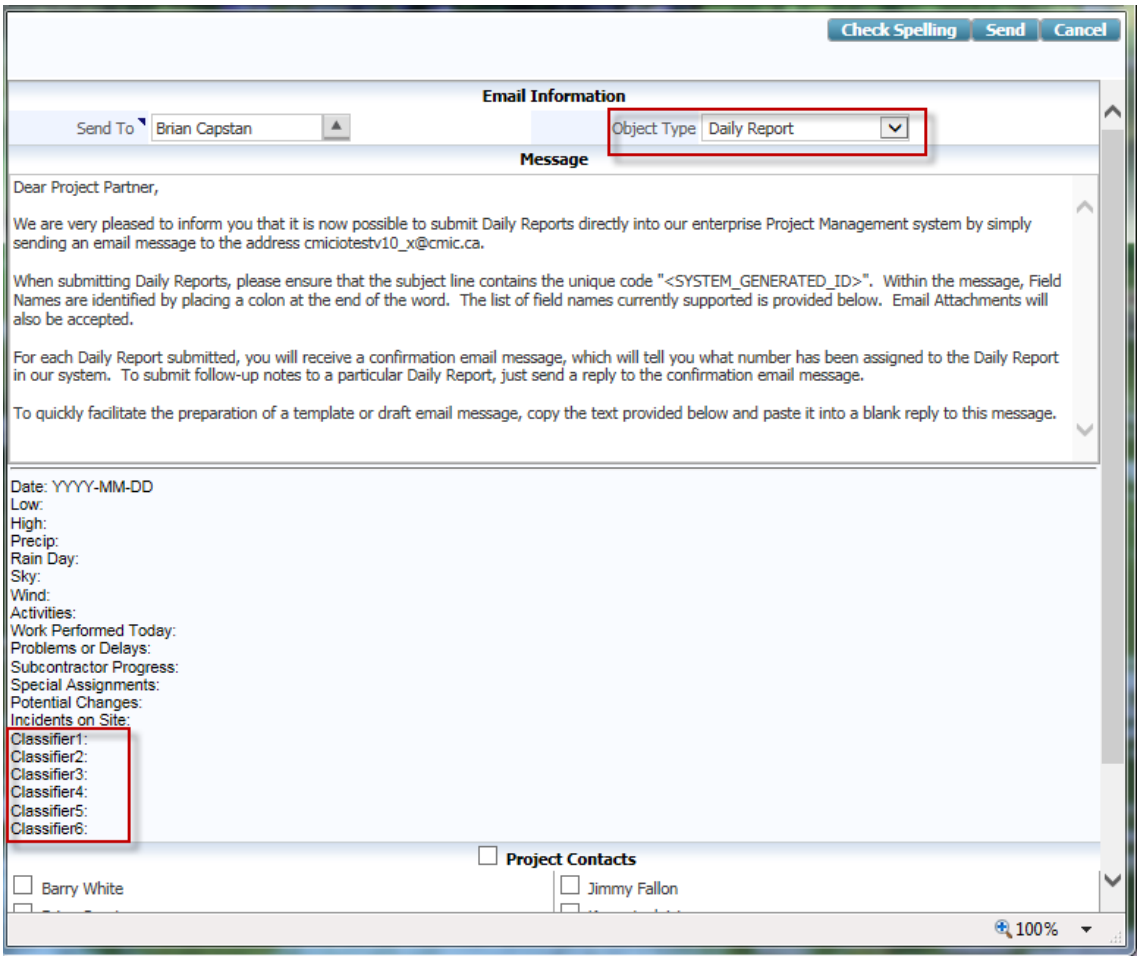
I/O Link Only For Valid User Login (14.88126)

Changes have been made to I/O Email such that if the collaborator (P or C Type) does not have a valid login into the CMiC system, there is no link available in the I/O email. This applies to PM objects that use the 'Send I/O' feature (i.e. RFI, Communications, Issue, Daily Journal, Submittals).

This functionality also applies to "Acknowledgement e-mails" - i.e. confirmation messages from CMiC I/O that an object has been successfully created (when specifying "NEW" - e.g. PROJECT1SUSMW RFI NEW).

Six Classifiers Added to Daily Journal I/O (15.02949)

Added the ability to update the 6 available User Defined Classifiers on Daily Journal records via an I/O email, similar to the standard fields that are already available for update. The classifiers are included on the ‘Send I/O Instructions’ for Daily Journal as well as the acknowledgement I/O email.



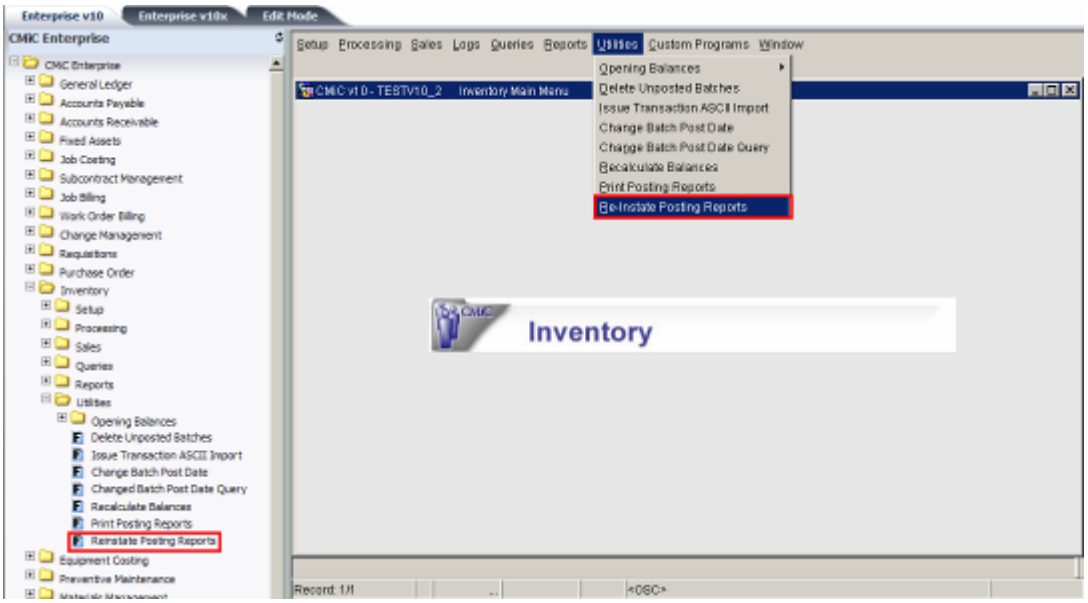
IMPORTANT NOTES:

- It is not possible to replace the labels ‘Classifier1’, ‘Classifier2’ etc. with the actual names of each classifier as shown in the input screen, so the user can identify each classifier, because CMiC I/O is metadata-driven and normally requires **firm** codes to recognize the pre-defined fields. In other words, when different customers configure classifiers their own way, CMiC I/O would have to be a lot more flexible to recognize configured descriptions of the respective classifiers.
- Classifiers are stored as character fields {VARCHAR2(16)} in the table. CMiC I/O will cut off any extra characters if more than 16 characters are entered for any classifier in I/O e-mail. Additionally it will NOT perform further validations for classifiers which are set up as numbers or dates.
- When putting information in classifier fields that are driven by an LOV, it is the Code that must be used and not the Description.

Inventory

Re-Instate Posting Reports Utility (12.68656)

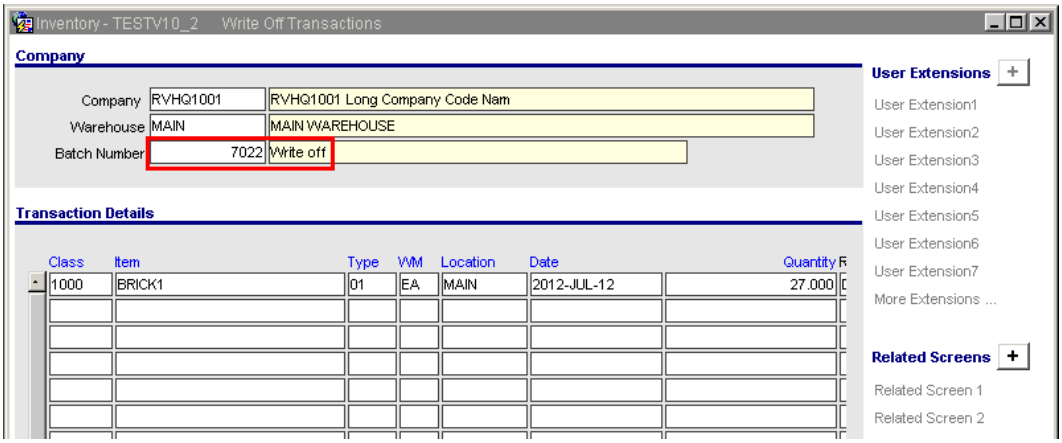
The issue of 'Print Posting Utility' not showing the posted inventory batches in a specific scenario when, users' login session is disconnected from the CMIC application during the posting process, is resolved with this new utility

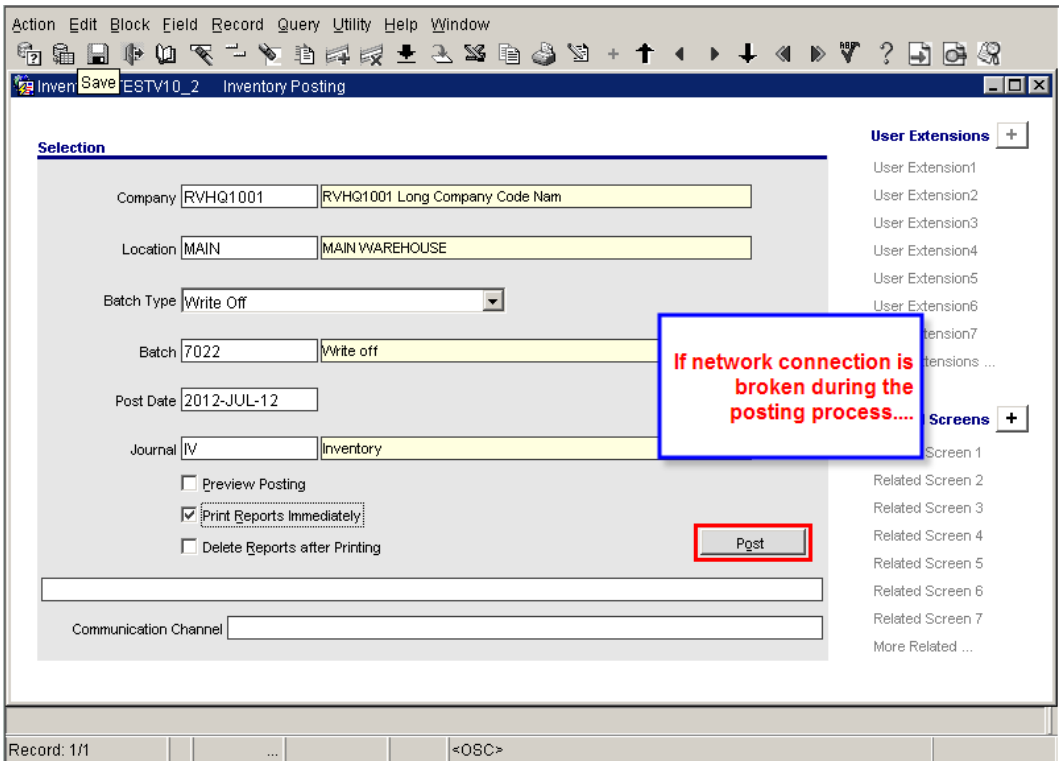


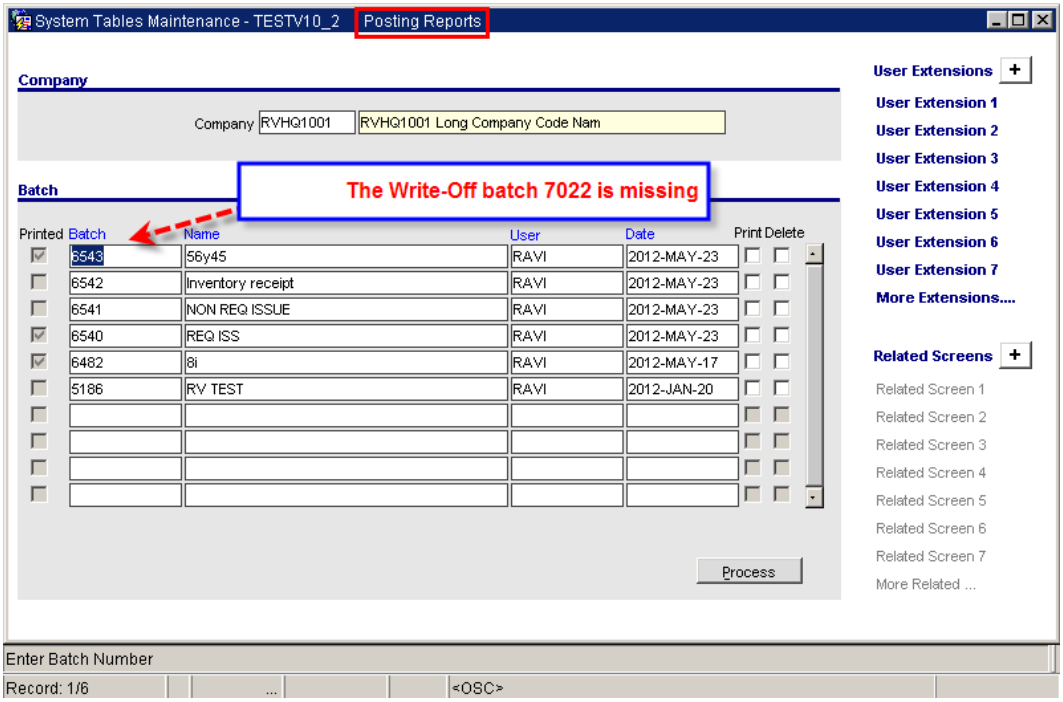
Inventory > Utilities menu > 'Re-Instate Posting Reports'

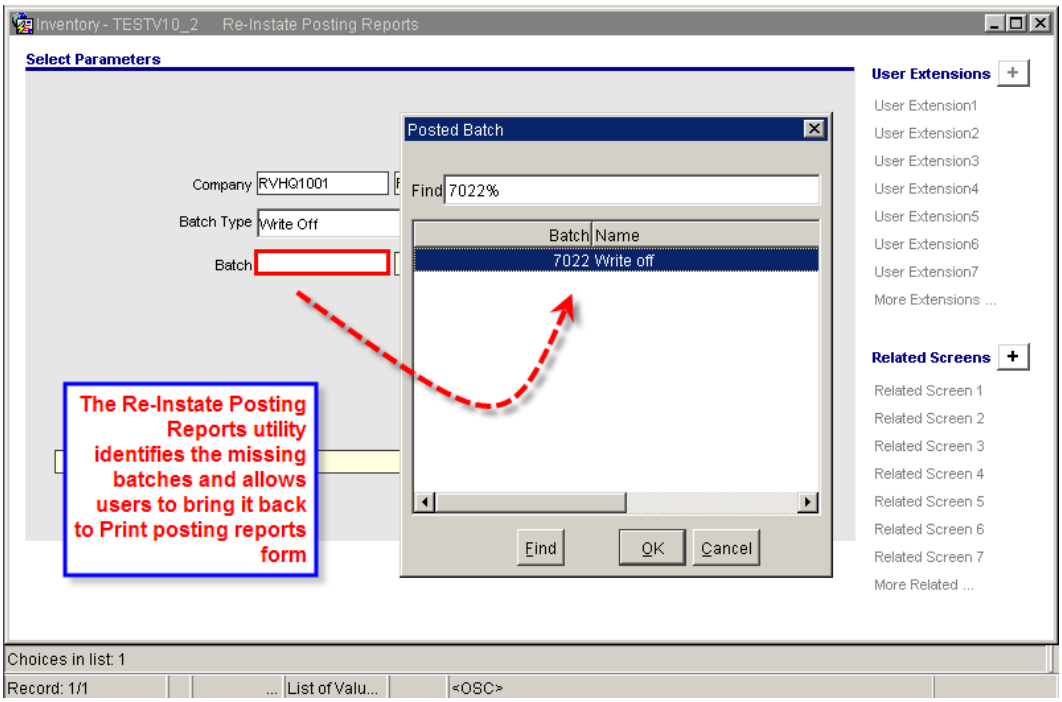
Example:

The following screens show how the program is used to re-instate any missing posted inventory batches .

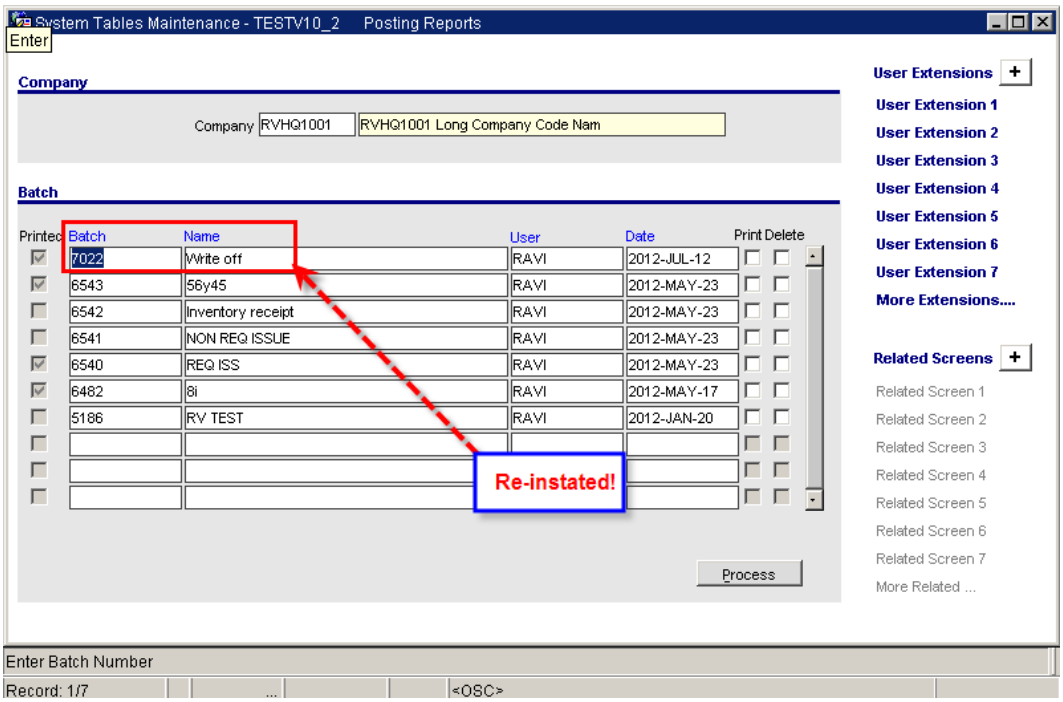



Action Edit Block Field Record Query Utility Help Window
Save
Inven TESTV10_2 Inventory Posting
Selection
Company RVHQ1001 RVHQ1001 Long Company Code Nam
Location MAIN MAIN WAREHOUSE
Batch Type Write Off
Batch 7022 Write off
Post Date 2012-JUL-12
Journal IV Inventory
Preview Posting
Print Reports Immediately
Delete Reports after Printing
Post
Communication Channel
If network connection is broken during the posting process....
User Extensions
User Extension1
User Extension2
User Extension3
User Extension4
User Extension5
User Extension6
Related Screens
Related Screen 1
Related Screen 2
Related Screen 3
Related Screen 4
Related Screen 5
Related Screen 6
Related Screen 7
More Related ...
Record: 1/1
<OSC>


System Tables Maintenance - TESTV10_2 Posting Reports
Company
Company RVHQ1001 RVHQ1001 Long Company Code Nam
Batch
The Write-Off batch 7022 is missing
Printed Batch Name User Date Print Delete
6543 56y45 RAVI 2012-MAY-23
6542 Inventory receipt RAVI 2012-MAY-23
6541 NON REQ ISSUE RAVI 2012-MAY-23
6540 REQ ISS RAVI 2012-MAY-23
6482 8i RAVI 2012-MAY-17
5186 RV TEST RAVI 2012-JAN-20
Process
User Extensions
User Extension 1
User Extension 2
User Extension 3
User Extension 4
User Extension 5
User Extension 6
User Extension 7
More Extensions....
Related Screens
Related Screen 1
Related Screen 2
Related Screen 3
Related Screen 4
Related Screen 5
Related Screen 6
Related Screen 7
More Related ...
Enter Batch Number
Record: 1/6
<OSC>



The Re-Instate Posting Reports form allows users select the company, batch type and the batch number which needs to be re-instated into the Print Posting Reports Utility.

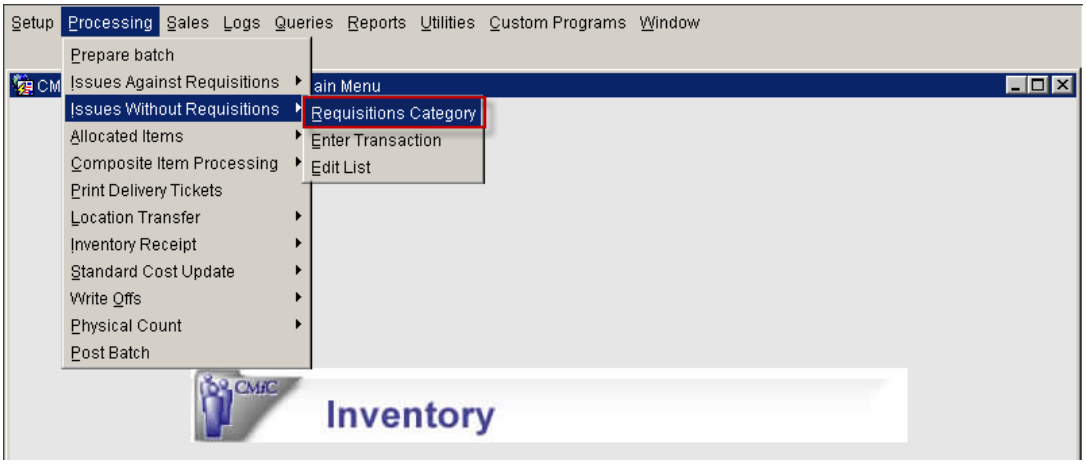


CMiC Default tree-view menu

The CMIC Default tree-view menu is modified with the addition of the program within Inventory Menu under utilities sub menu.

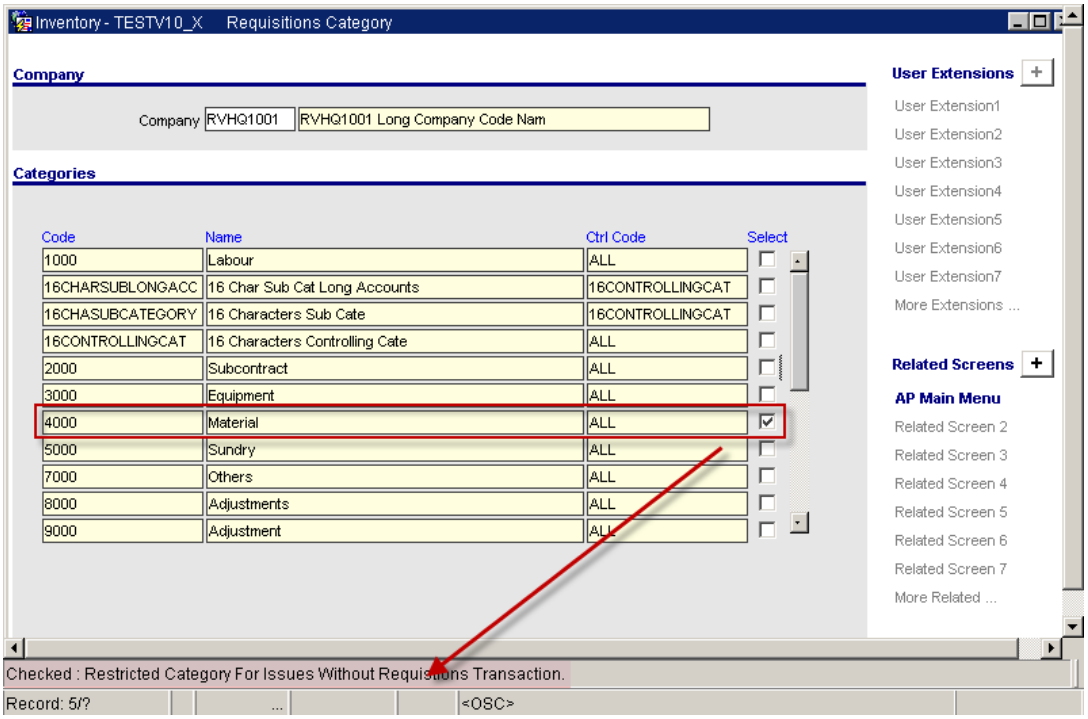
Job Category Restriction in Issues without Requisition (12.71958)

The issues without requisition screen will only allow phase/category as per the restricted category maintenance.

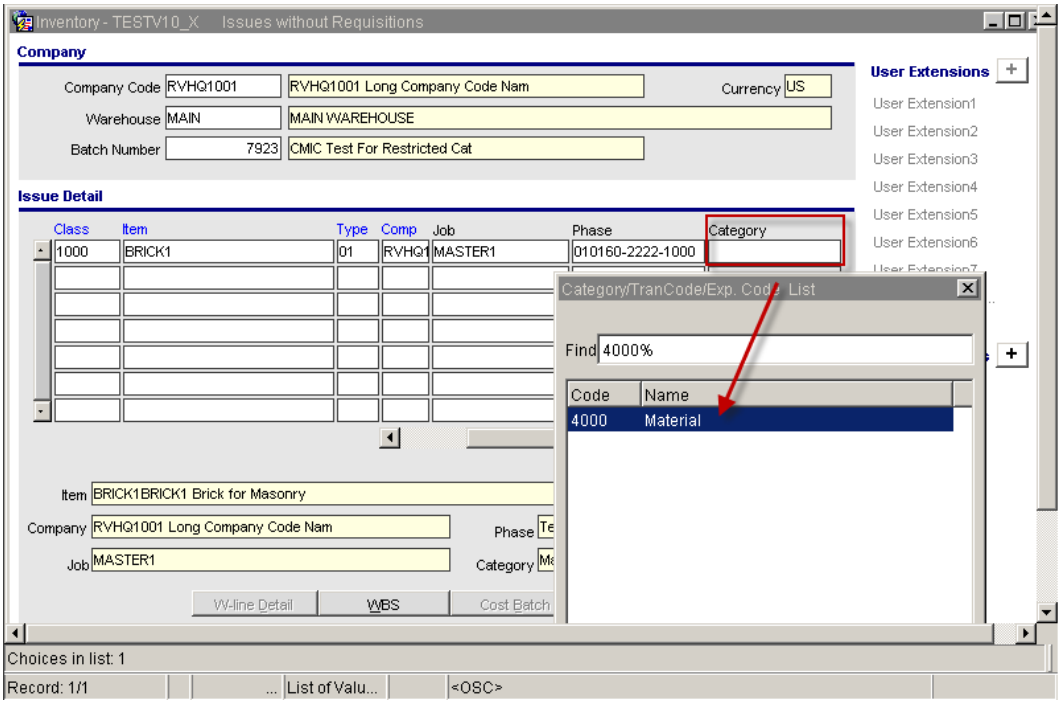


Inventory > processing > Issues Without requisitions

A new screen 'Requisitions Category' is added to the Inventory Application.



The Requisitions Category screen displays all the job categories in a company. Users may select the required categories that are allowed for entry in Non-requisition issue entry form. It must be noted that, this is a company level setup and this restriction applies only to the header company. If users want to apply to more than one company, then the setup must be repeated for each of those companies.



Issues without Requisition Form (ciiss.fmx)

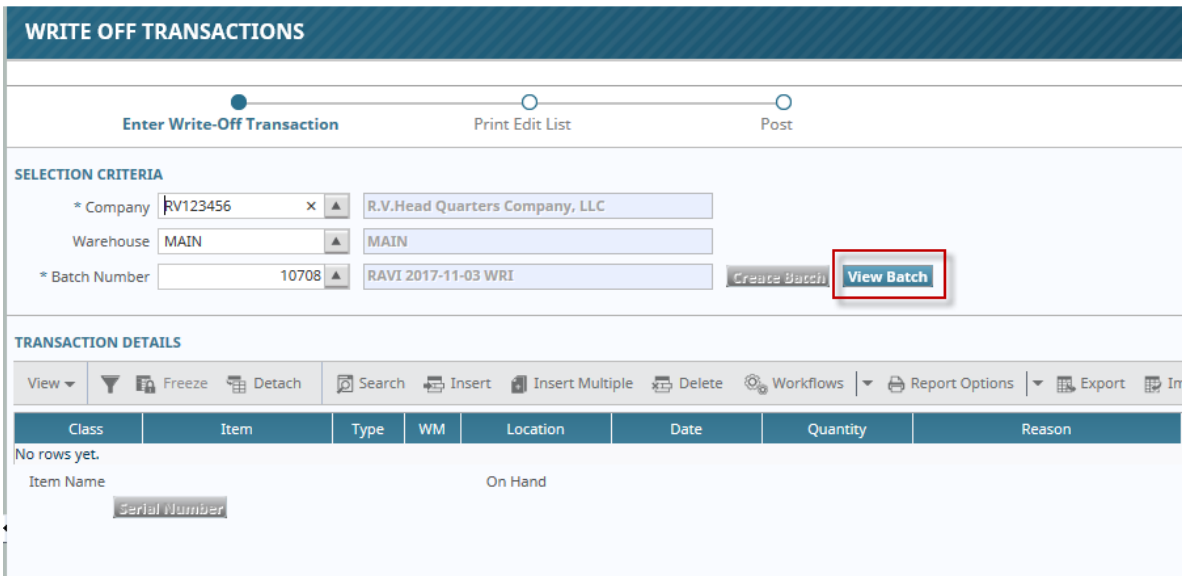
The Non-Requisition Issue screen restricts the phase LOV to show only the phases that are assigned with the restricted category and the category LOV listing only the restricted categories.

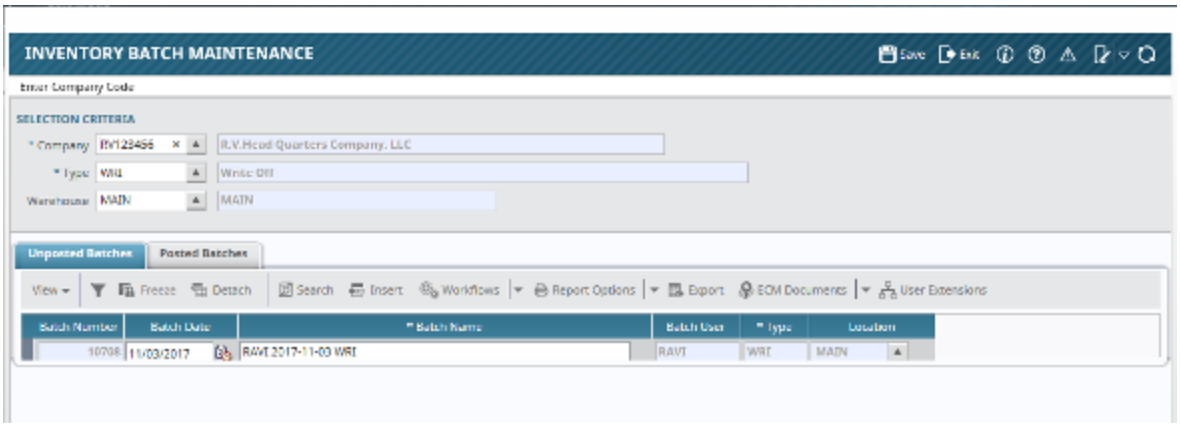
It must also be noted that the form allows different companies at detail level and the restriction applies as per the setup under each company.

View Batch Button added to Transaction entry programs (17.43649)

'View Batch' button is added to all the transaction entry programs in Inventory application where batch number field is available. This is a standard feature across all applications, but is implemented in Inventory application now.

1. Inventory Receipt
2. Issue Against Requisition
3. Issue Without Requisition
4. Process Allocated Items
5. Process Composite Items
6. Enter Request for Transfer Against Requisition
7. Enter Transfer Without Request
8. Standard Cost Update
9. Write Off
10. Physical Count
11. Composite Item Processing – Full Assembly
12. Composite Item Processing – Full Disassembly
13. Composite Item Processing – Partial Assembly
14. Composite Item Processing – Partial Disassembly
15. Inventory Opening Balances





View Batch program

Users may view Unposted / Posted batches and insert manually a new batch. Users will NOT be allowed to delete a committed batch.

Jasper Server

With this patch, the Jasper Server is upgraded from version 5.2 release, to 5.6.1.

Job Billing

AIA Invoice Format JBPB_U10Q (08.25145)

Added a new AIA billing invoice format – **JBPB_U10Q** to include quantities. This format is based on the standard JBPB_U10 format. It is available in the Invoice report LOV when defining Invoice Formats in Job Billing.

- Make sure to check the '***Show Bill Code Level On Billing Invoices***' if you also wish to see the detail level quantities and the dollar value per W/M description.

This report includes billing quantities, it is important to note that quantities are based on lowest billing level, which is the bill code level. Although this report is not limited to show quantities on bill codes only, quantities will be shown on group level as well.

When using this billing invoice format combined with the usage of group codes, it is important to only group bill codes with the same weight of measure. So Group1 for example, must group bill codes with the same weight of measure in order to get meaningful quantities on the report. Nonetheless, the system does not restrict the usage of group codes in this manner, because you can group multiple bill codes with different weights of measure.

REPORT SAMPLE:

CMiC Test Company

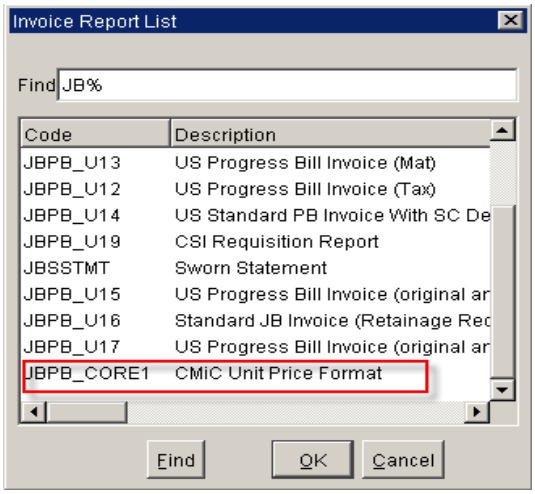
CONTINUATION SHEET PAGE: 2
APPLICATION AND CERTIFICATE FOR PAYMENT, containing
Contractor's signed Certification is attached.
In tabulation below, amounts are stated to the nearest dollar.
Use Column I on Contracts where variable retainage for line items may apply.

APPLICATION NUMBER : 1
APPLICATION DATE : 04/30/2009
PERIOD TO : 04/30/2009
PROJECT NO : SBJOBBILL

A	B	C	D	E	F	G		H	I
ITEM NO.	DESCRIPTION OF WORK	SCHEDULED VALUE	WORK COMPLETED (D+E) FROM PREVIOUS APPLICATION	WORK COMPLETED (D+E) THIS PERIOD	MATERIAL PRESENTLY STORED	TOTAL COMPLETED AND STORED TO DATE	PER-% (G / C)	BALANCE TO FINISH	RETAINAGE
01	**GENERAL CONDITIONS**								
01-100	Blue Prints								
01-100.3000	Blue Prints - Equipment	30,000	0	25,000	0	25,000	83	5,000	2,500
	$230.77 PER NA	130	0			250		-120	
01-100.4000	Blue Prints - Materials	60,000	0	4,400	0	4,400	7	55,600	440
	$42.86 PER NA	1,400	0			400		1,000	
01-100.9000	Blue Prints - Fee	90,000	0	0	0	0		90,000	0
	$30.00 PER NA	3,000	0			0		3,000	
	Blue Prints Total:	*180,000*	*0*	*29,400*	*0*	*29,400*	*16*	*150,600*	*2,940*
		4,530	*0*			*650*		*3,880*	
01-102	Progess Photos								
01-102.2000	Progess Photos - Subcontracts	40,881	0	5,000	0	5,000	12	35,881	500
	$18.58 PER NA	2,200	0			121		2,080	
01-102.3000	Progess Photos - Equipment	60,000	0	26,000	0	26,000	43	34,000	2,600
	$12.00 PER NA	5,000	0			80		4,920	
01-102.4000	Progess Photos - Materials	80,009	0	5,200	0	5,200	7	74,809	520
	$4.10 PER NA	19,500	0			520		18,980	
01-102.9000	Progess Photos - Fee	99,999	0	0	0	0		99,999	0
	$28.57 PER NA	3,500	0			0		3,500	
	Progess Photos Total:	*280,888*	*0*	*36,200*	*0*	*36,200*	*13*	*244,588*	*3,620*
		30,200	*0*			*721*		*29,480*	
	GENERAL CONDITIONS Total:	***460,888***	***0***	***65,600***	***0***	***65,600***	***14***	***395,288***	***6,560***
		34,730	*0*			*1,371*		*33,360*	
02	**SITE WORK**								
02-100	Excavation								
02-100.2000	Excavation - Subcontracts	70,000	0	80,900	0	80,900	116	-10,900	7,000
	$70.00 PER NA	1,000	0			800		200	
02-100.3000	Excavation - Equipment	58,381	0	15,001	0	15,001	26	43,380	1,500
	$18.41 PER NA	3,170	0			0		3,170	

Invoice Format JBPB_CORE1 – Unit Price (09.30801)

The new JB Invoice Format has the code JBPB_CORE1 as shown in the list of values (LOV) when defining the invoice format code setup in Job Billing. This format does not have a G702 cover page. The associated report code is JBPB_CORE1.REP



Report Sample:

Invoice No. SBJOB0101
Invoice Date 05/11/2009
Job Number SBJOB01,SBJOB01-S1

Customer No. ZZ-EANDL
Mr. Customer Name
1234 Peterban Drive
Line 2 Address
Chicago, IL 98876
Attn: Mr.Contract Address

Hurricane Protection Project, West of Algiers Canal
Application No. 1
Contract No. SBJOB01

Item	Description	Qty	Unit	Unit Price $	Estimated Amount $	Quantities			Amounts			Retainage $
						Previous	Current	To Date	Previous $	Current $	To Date $	
01-100.3000	Blue Prints - Equipment	1,000	LS	250.00	250,000.00	0.00%	12.00%	12.00%	0.00	30,000.00	30,000.00	3,000.00
01-100.4000	Blue Prints - Materials	2,000	LS	320.00	640,000.00	0.00%	6.00%	6.00%	0.00	38,400.00	38,400.00	3,840.00
01-100.9000	Blue Prints - Fee	350	LS	542.00	189,700.00	0.00%	0.00%	0.00%	0.00	4,233.17	4,233.17	423.32
02-300.2000	Site Cleanup - Subcontracts	440	NA	44.77	19,700.00	0.00	0	0	0.00	2,130.00	2,130.00	213.00
02-300.3000	Site Cleanup - Equipment	540	NA	74.07	40,000.00	0.00	59	59	0.00	2,381.80	2,381.80	238.18
02-300.4000	Site Cleanup - Materials	654	NA	76.45	50,000.00	0.00	42	42	0.00	1,927.68	1,927.68	192.77
02-300.5000	Site Cleanup - Sundry	9,978	NA	1.00	10,000.00	0.00	44	44	0.00	1,242.29	1,242.29	124.23
02-300.9000	Site Cleanup - Fee	454	NA	44.05	20,000.00	0.00	0	0	0.00	5,137.54	5,137.54	513.76
03-100.4000	Footings station 1 - Materials	556	NA	116.95	65,024.00	0.00	43	43	0.00	65,024.00	65,024.00	6,502.40
					1,284,424.00				0.00	150,476.48	150,476.48	15,047.65

Work Completed To Date	150,476.48
Less Retainage	15,047.65
Less Previous Estimate	0.00
Total Amount Due This Estimate	135,429.00

Invoice Preview from JB Contract Screen (09.32235)

A **[Invoice Preview]** button has been added to the header section of the JB Contract Entry.

This button is **disabled** under the following conditions:

a) if the invoice format assigned is of type ‘Free Form Invoice’

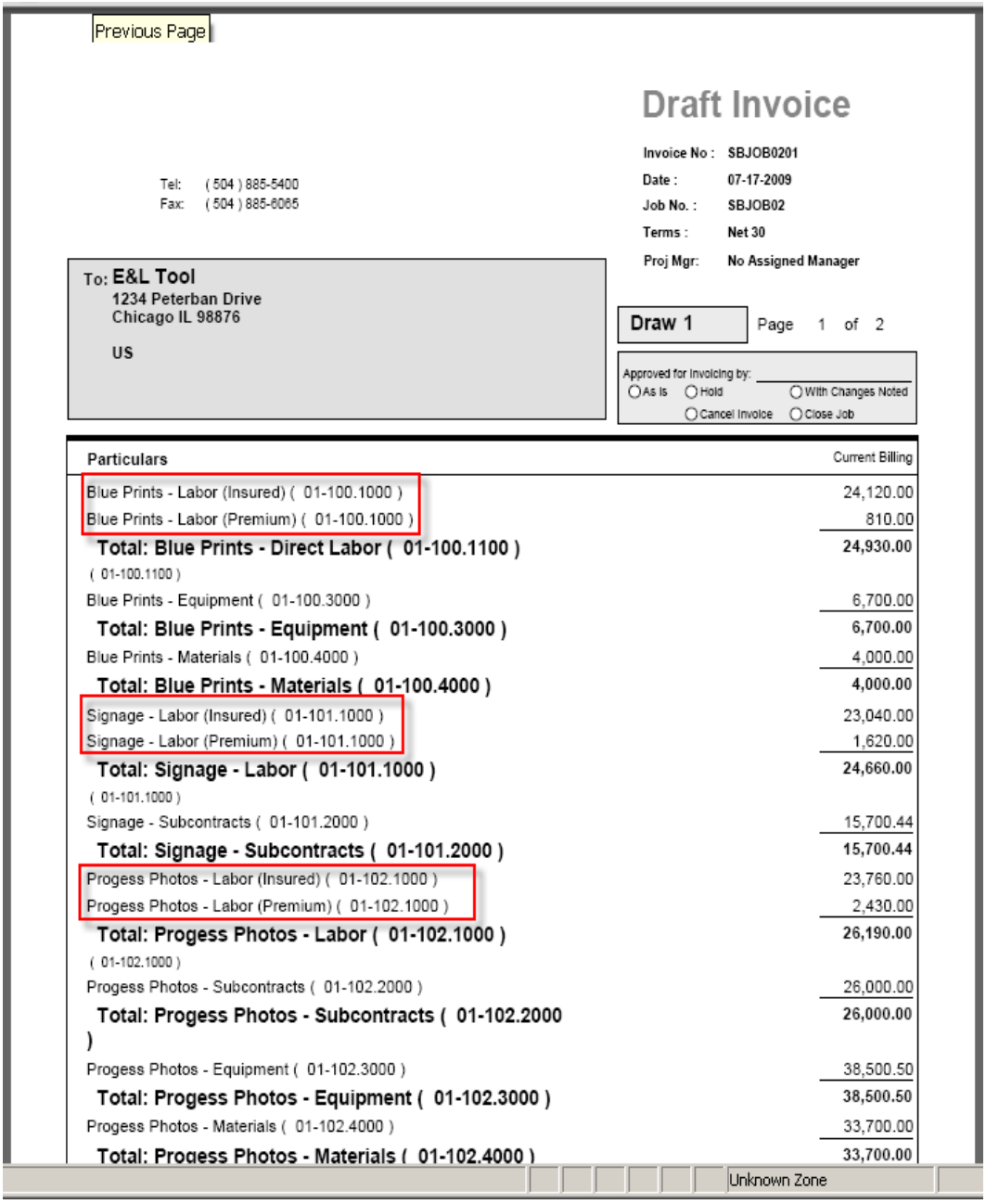
b) if a bill has been created for the contract

If the button is enabled, when pressed, the system will print the layout for the AIA invoice format and only budget numbers as per the schedule of values (SOV) will be printed.

New AIA Invoice Format JBPB_U20 (09.34591)

Add a Column to Invoice Format JBPB_U11 and call the new format JBPB_U20. The new column is Retainage Released This Period, representing the amount of retainage that is being released on the current draw.

New Free Form Invoice Format JBINVPRT2 (09.33122)



Previous Page

Draft Invoice

Tel: (504) 885-5400
Fax: (504) 885-6065

Invoice No : SBJOB0201
Date : 07-17-2009
Job No. : SBJOB02
Terms : Net 30
Proj Mgr: No Assigned Manager

To: E&L Tool
1234 Peterban Drive
Chicago IL 98876

US

Draw 1 Page 1 of 2

Approved for Invoicing by:
As Is Hold With Changes Noted
Cancel Invoice Close Job

Particulars	Current Billing
Blue Prints - Labor (Insured) (01-100.1000)	24,120.00
Blue Prints - Labor (Premium) (01-100.1000)	810.00
Total: Blue Prints - Direct Labor (01-100.1100)	**24,930.00**
(01-100.1100)	
Blue Prints - Equipment (01-100.3000)	6,700.00
Total: Blue Prints - Equipment (01-100.3000)	**6,700.00**
Blue Prints - Materials (01-100.4000)	4,000.00
Total: Blue Prints - Materials (01-100.4000)	**4,000.00**
Signage - Labor (Insured) (01-101.1000)	23,040.00
Signage - Labor (Premium) (01-101.1000)	1,620.00
Total: Signage - Labor (01-101.1000)	**24,660.00**
(01-101.1000)	
Signage - Subcontracts (01-101.2000)	15,700.44
Total: Signage - Subcontracts (01-101.2000)	**15,700.44**
Progess Photos - Labor (Insured) (01-102.1000)	23,760.00
Progess Photos - Labor (Premium) (01-102.1000)	2,430.00
Total: Progess Photos - Labor (01-102.1000)	**26,190.00**
(01-102.1000)	
Progess Photos - Subcontracts (01-102.2000)	26,000.00
Total: Progess Photos - Subcontracts (01-102.2000)	**26,000.00**
Progess Photos - Equipment (01-102.3000)	38,500.50
Total: Progess Photos - Equipment (01-102.3000)	**38,500.50**
Progess Photos - Materials (01-102.4000)	33,700.00
Total: Progess Photos - Materials (01-102.4000)	**33,700.00**

Unknown Zone

This type of free form invoice shows the splitting of labor costs into two lines: one for insured labor which is the base cost of the labor and the second line shows the Premium Labor which is the cost of overtime/double-time. An example is shown below:

Example:

40 hrs Normal Hour = $400

5 hrs Overtime = $75 (multiplier = 1.5)

1 hr Double time = $20 (multiplier = 2)

Total = $495

Insured Labor = $460

Calculated:

At normal hours: 40 hrs = $400

5 hrs Overtime = $75/1.5 = 50

1 hr Double Time = $20/2 = 10

Total = 400 + 50 + 10 = 460

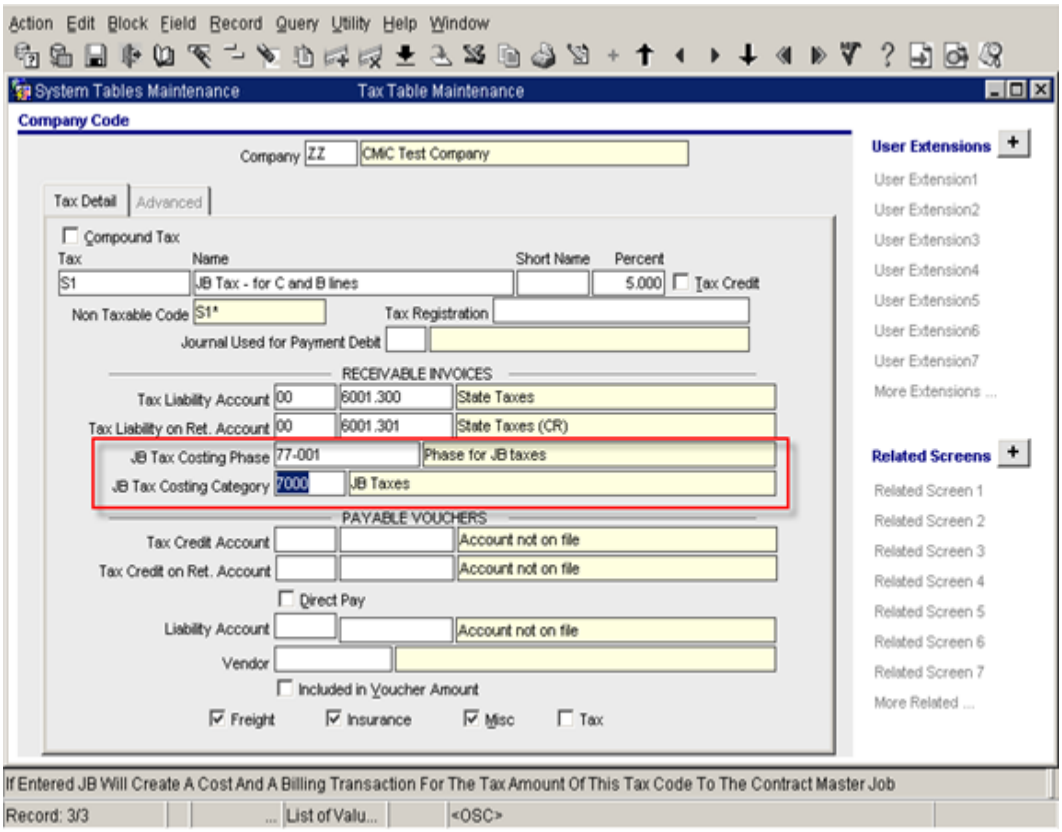
Premium = 495 – 460 = **$35**

A checkbox ‘Split Premium/Show Total’ has been added to the JB Group Code Set Up screen to allow the user to change how the invoice will look at the lowest and total level for these two types of lines:

If the checkbox is checked on the lowest group level, it indicates that the splitting of labor into 2 cost lines: one for Insured Labor, which is the base cost of the labor and the second line for Premium Labor which is the cost of overtime/double-time, will be shown separately on the invoice. This setting applies only to the report and helps to determine the final look.

The Premium Amount is kept in the JC Detail table for each PY/JC record.

Charging Tax to JC and JB at JB Posting (08.28624)



a) Two fields have been added to the 'Receivable Invoices' section of the Tax Setup screen:

JB Tax Costing Phase

JB Tax Costing Category

These fields must be used to define the phase/category to which the tax for this tax code will be costed and billed during posting of the JB invoice.

The values entered must already be defined in the Phase and Category maintenance screens.

The value of these fields is not mandatory, but if one is filled in, the other must be filled in as well.

b) **Job Billing Invoice Posting**:

Currently the system posts as follows:

JB for $1000 with tax of 15%

GL is:

DR Accounts Receivable $ 1,150

CR – Sales $1000 (job cost 'B' lines for $1000)

CR – Tax Liability $150

With this modification, Job Billing posting of the invoice generates two separate batches, and reports for each batch….the usual batch from JB posting and another showing the 2 lines, a 'C' and a 'B' line for the same amounts of tax calculated:

JB Posting Batch1 – GL is:

DR Accounts Receivable $ 1,150

CR – Sales $1000 (job cost 'B' lines for $1000)

CR – Tax Liability $150

JB Posting Batch2:

C line - Job/Phase/Cat associated with tax code $150 (account is the 'Cost Account for the job) with unbilled revenue (CPR) of Zero

B line - Job/Phase/Cat associated with tax code $150 (account is the 'Billing Account for the job)

In addition, when the transactions are created the following takes place:

- Source Code will be the Contract Customer Code
- Source Desc will be the Customer name
- Reference Code will be the Invoice Number
- Reference Desc will be the JB Draw #.

c) If the Phase/Category does not already exist on the job during posting, the system will create them. The bill code for this phase/category (create on the fly) is also updated on the contract.

Job Billing Invoice Format for CM Agency Jobs (09.36352)

Added new checkbox '**CM Agency Job Format'** to the Invoice Options tab of Invoice Format Code Setup screen. When this checkbox is checked, the defined format is to be used for CM Agency jobs.

Split JC Detail Quantity (10.45422)

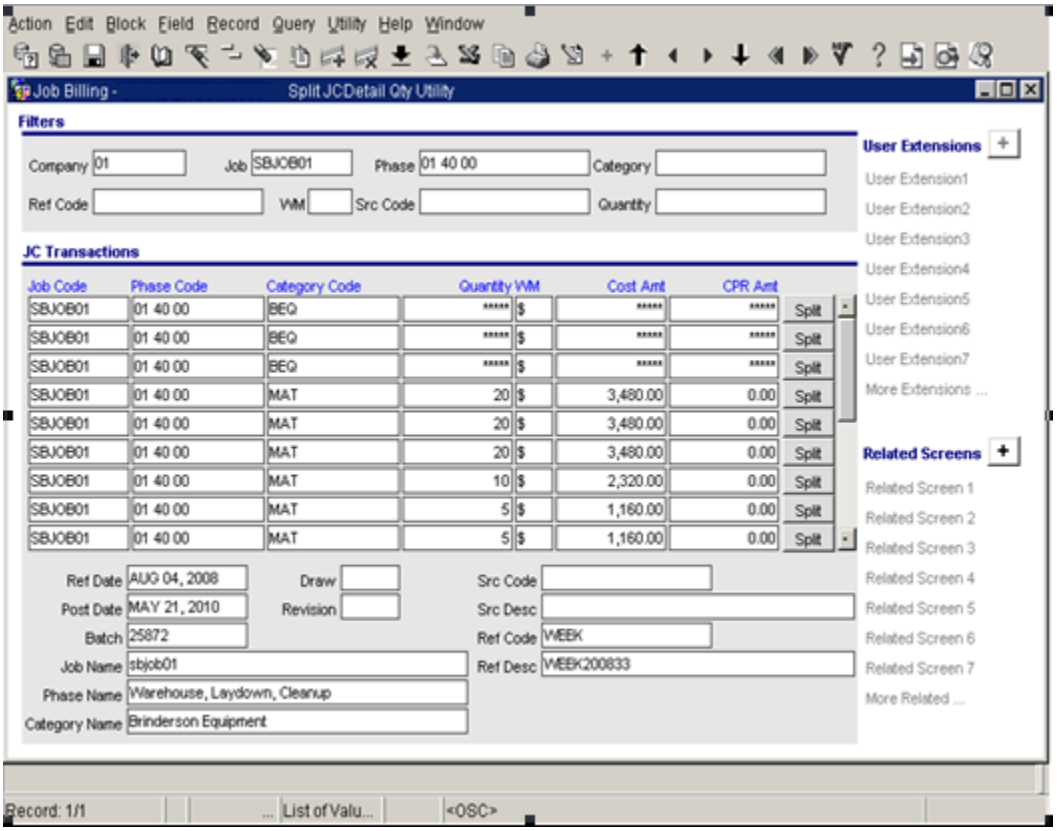
Added the ability to split the quantities for JC detail transactions in order to partially bill quantities, based on previously received payments, for example.

Summary of Changes

1. Job Billing Utilities – Split JC Detail Quantity

Added the Split JC Detail Quantity as a utility which is accessible via the *Job Billing* > *Utilities* sub-menu:





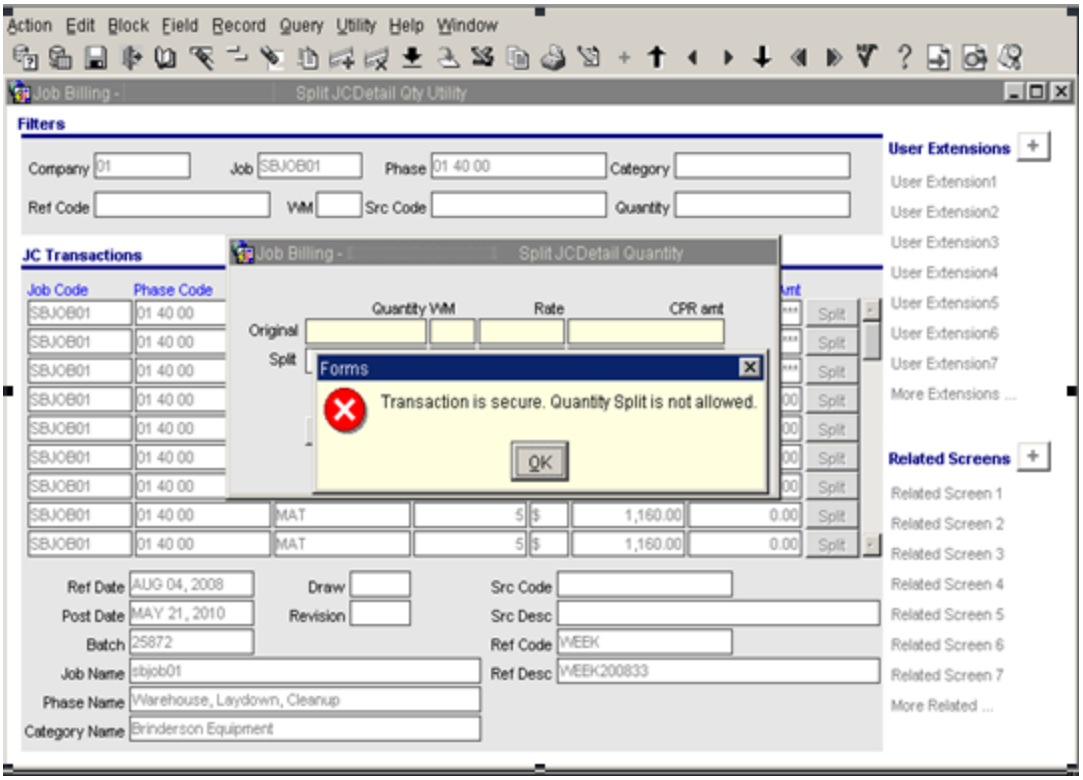
Transactions already associated with a **posted** JB Draw Number will not be shown.

The Split Quantity functionality is not allowed for secured Payroll transactions where the 'Secure' flag is on the pay group **and** the user does not have the JCPYINFO privilege (JC: Allows the user to see PY info in JC for Secure Pay Groups). In this case, the transactions are showed with '****' in the quantity and amounts fields.

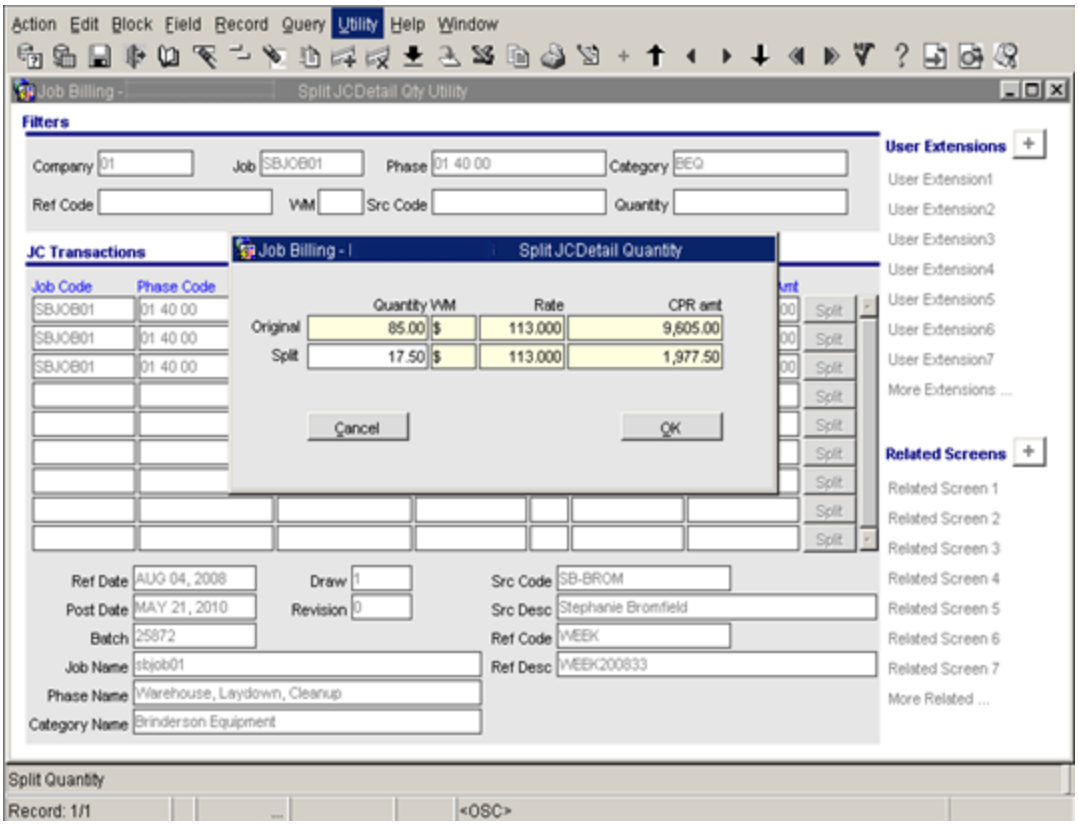
Use the **Filters** section to enter combinations of field values to filter out the records. The relevant JC detail records will be displayed in the JC Transactions section.

The **[Split]** action is available for each record shown, and depending on whether splitting will be allowed, the appropriate message is displayed.

For secured transactions, the following message will display:

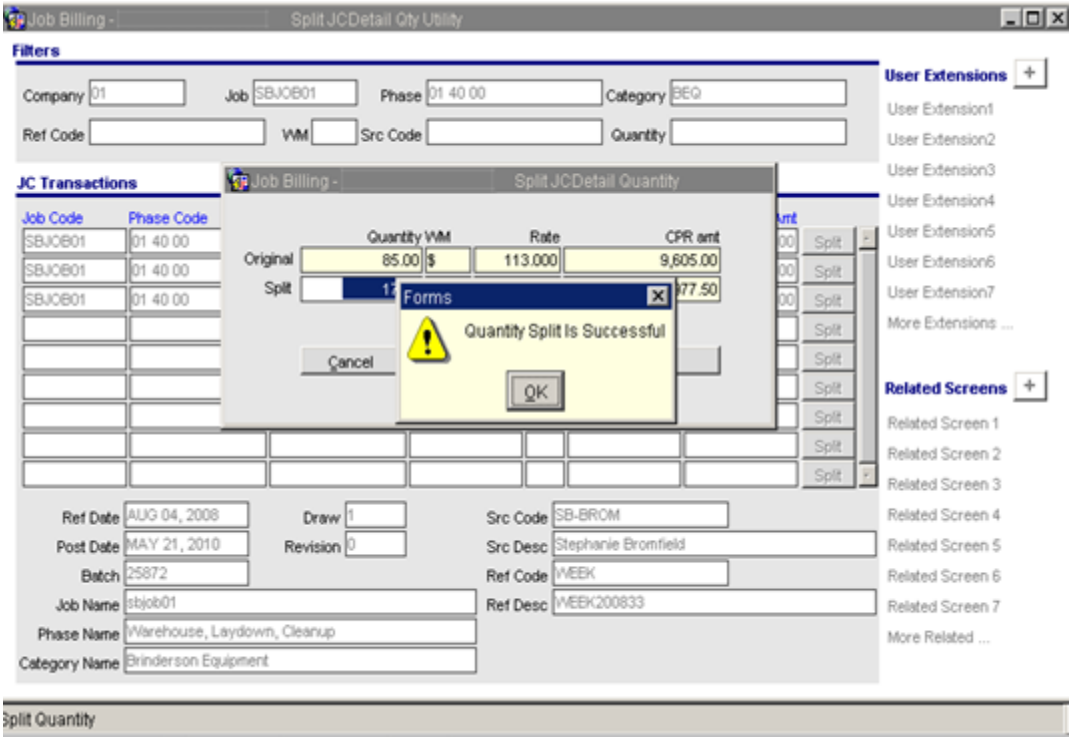


For non-secured transactions, clicking on the [Split] button gives the following popup:

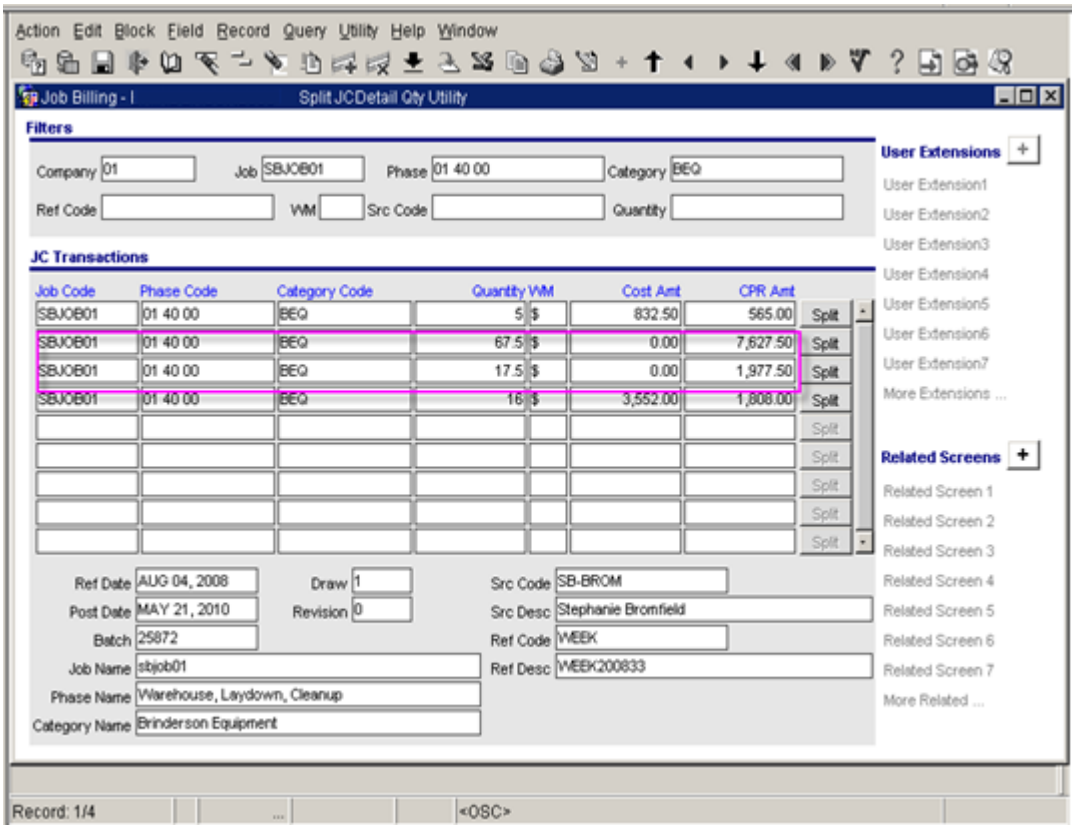


[Cancel] will abort the action.

Clicking **[OK]** after entering the Split Quantity gives:


Job Billing -
Split JCDetail Qty Utility
Filters
Company 01
Job SBJOB01
Phase 01 40 00
Category BEQ
Ref Code
WM
Src Code
Quantity
User Extensions
User Extension1
User Extension2
User Extension3
User Extension4
User Extension5
User Extension6
User Extension7
More Extensions ...
JC Transactions
Job Billing -
Split JCDetail Quantity
Job Code
Phase Code
Quantity WM
Rate
CPR amt
Original
85.00
$
113.000
9,605.00
Split
Forms
Quantity Split Is Successful
OK
Cancel
Related Screens
Related Screen 1
Related Screen 2
Related Screen 3
Related Screen 4
Related Screen 5
Related Screen 6
Related Screen 7
More Related ...
Ref Date AUG 04, 2008
Draw 1
Src Code SB-BROM
Post Date MAY 21, 2010
Revision 0
Src Desc Stephanie Bromfield
Batch 25872
Ref Code WEEK
Job Name sbjob01
Ref Desc WEEK200833
Phase Name Warehouse, Laydown, Cleanup
Category Name Brinderson Equipment
Split Quantity

The result:


Action Edit Block Field Record Query Utility Help Window
Job Billing - I
Split JCDetail Qty Utility
Filters
Company 01
Job SBJOB01
Phase 01 40 00
Category BEQ
Ref Code
WM
Src Code
Quantity
User Extensions
User Extension1
User Extension2
User Extension3
User Extension4
User Extension5
User Extension6
User Extension7
More Extensions ...
JC Transactions
Job Code
Phase Code
Category Code
Quantity WM
Cost Amt
CPR Amt
SBJOB01 01 40 00 BEQ 5 $ 832.50 565.00 Split
SBJOB01 01 40 00 BEQ 67.5 $ 0.00 7,627.50 Split
SBJOB01 01 40 00 BEQ 17.5 $ 0.00 1,977.50 Split
SBJOB01 01 40 00 BEQ 16 $ 3,552.00 1,808.00 Split
Related Screens
Related Screen 1
Related Screen 2
Related Screen 3
Related Screen 4
Related Screen 5
Related Screen 6
Related Screen 7
More Related ...
Ref Date AUG 04, 2008
Draw 1
Src Code SB-BROM
Post Date MAY 21, 2010
Revision 0
Src Desc Stephanie Bromfield
Batch 25872
Ref Code WEEK
Job Name sbjob01
Ref Desc WEEK200833
Phase Name Warehouse, Laydown, Cleanup
Category Name Brinderson Equipment
Record: 1/4
<OSC>

Two new JC Detail transactions are created and the original transaction is updated appropriately. The Cost Amt for the two new transactions will be shown as 0, and will show the calculated CPR (rounded to 2 decimal places) for each.

Example:

Original JCDETAIL transaction:

Jcdt_oraseq	Cost (jcdt_amt)	Quantity (jcdt_unit)	CPR (jcdt_unbilled_revenue_amt)
12345	4,500	25	3,000 Rate = 3000/25 = 120

Split Quantity entered: 10

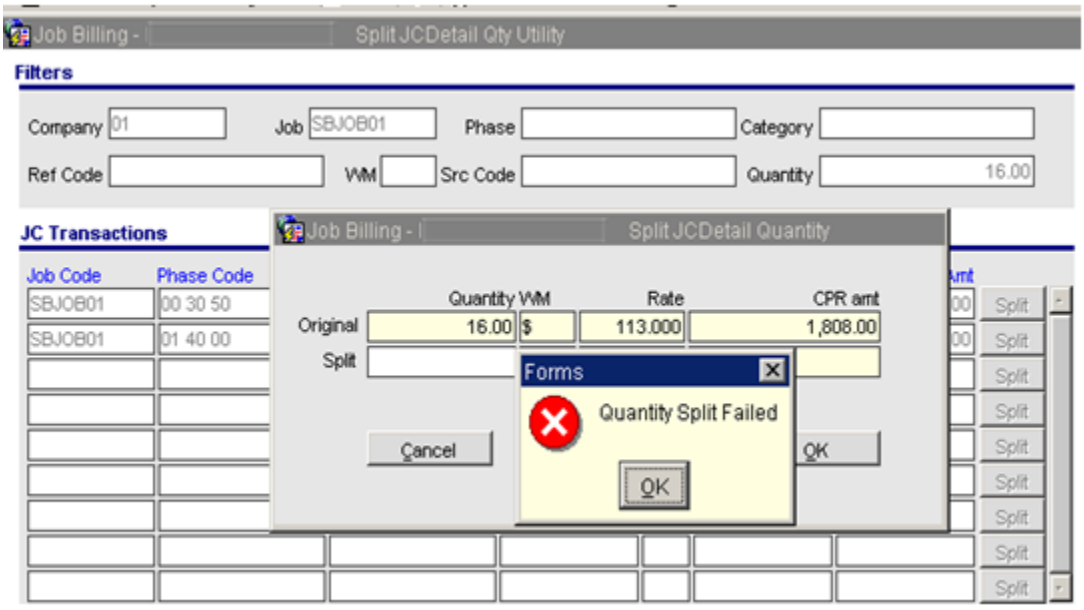
New JCDETAIL transactions:

	Cost (jcdt_amt)	Quantity (jcdt_unit)	CPR (jcdt_unbilled_revenue_amt)	jcdt_unit_split_orig_oraseq
Original Transaction **updated**	4,500	0	0	
1-st New Transaction **created**	0	10	10 * rate = 10 * 120 = 1200	12345
2-nd New Transaction **created**	0	25-10=15	15 * rate = 15 * 120 = 1800	12345

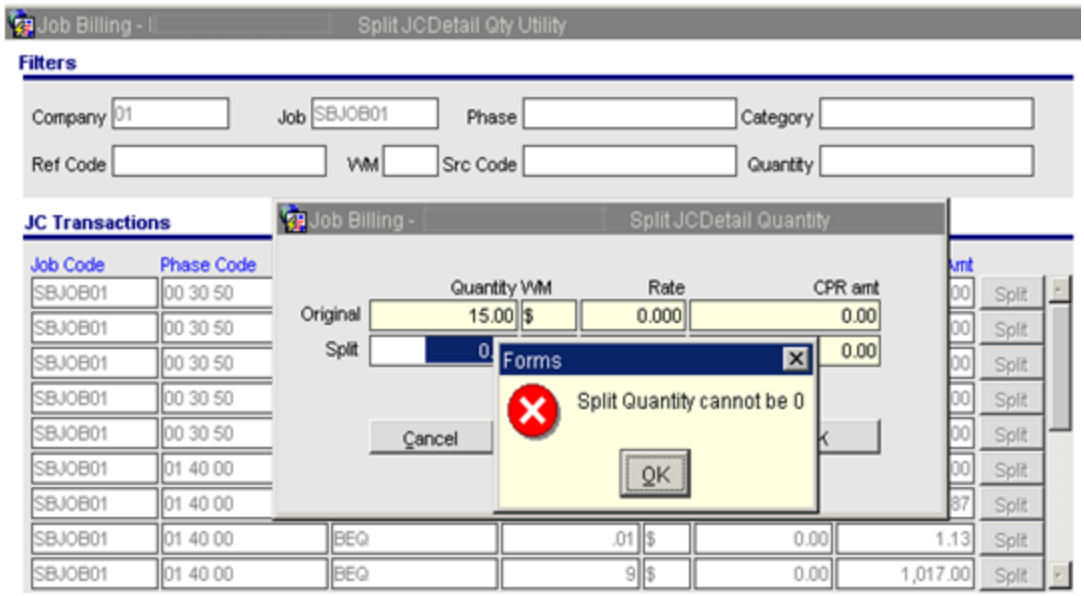
When creating new transactions, all other columns will have the same values as the original transaction.

No posting is required as these transactions share the same batch number and the overall costs, quantities, or CPR do not change.

An error message is displayed if the user clicks the **[OK]** button on the Split popup without entering a Split Amount:



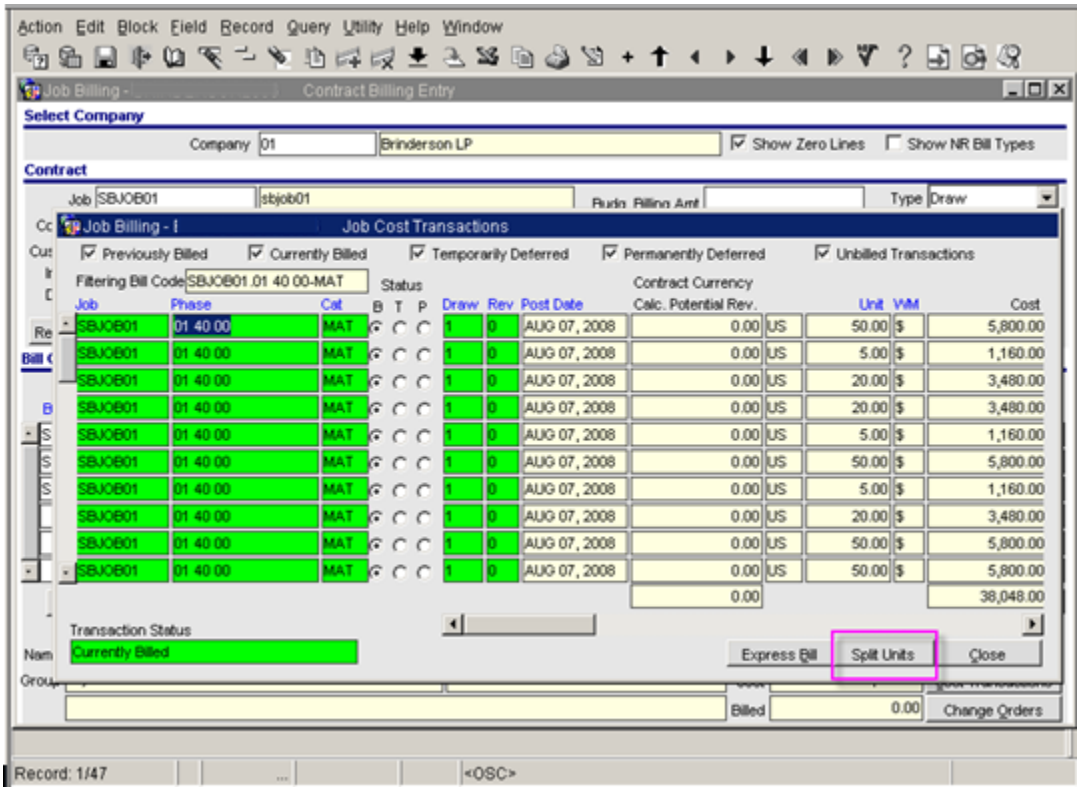
Zero is also not allowed as a Split Quantity. An error message will be displayed:



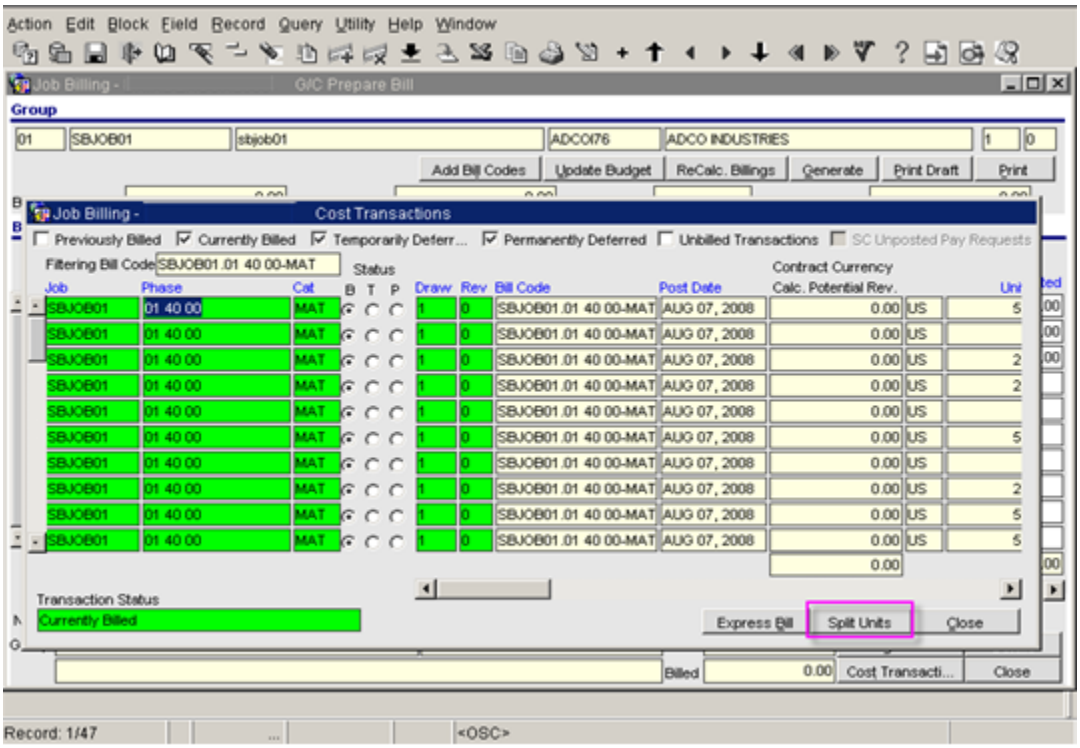
2. Prepare Billing and GC Prepare Billing

Changes have been made to both the Prepare Billing and GC Prepare Billing programs to include the **[Split Units]** button on the Cost Transactions popup. When clicked on, the same Split JC Detail Quantity popup window is displayed as that described in the first section above.

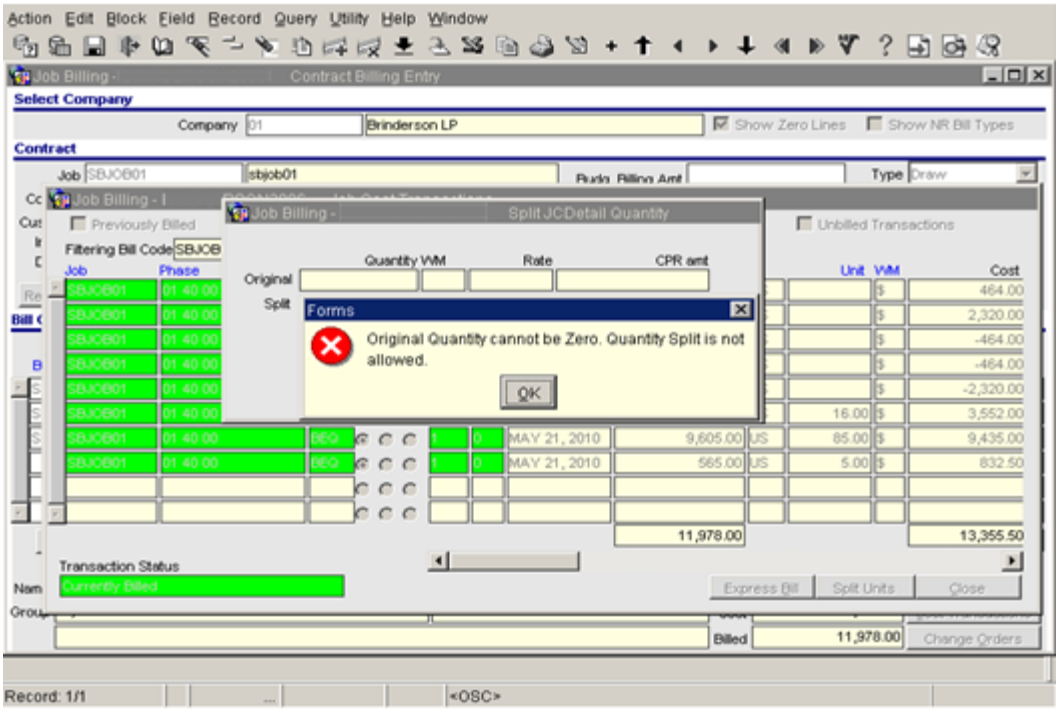
PREPARE BILLING



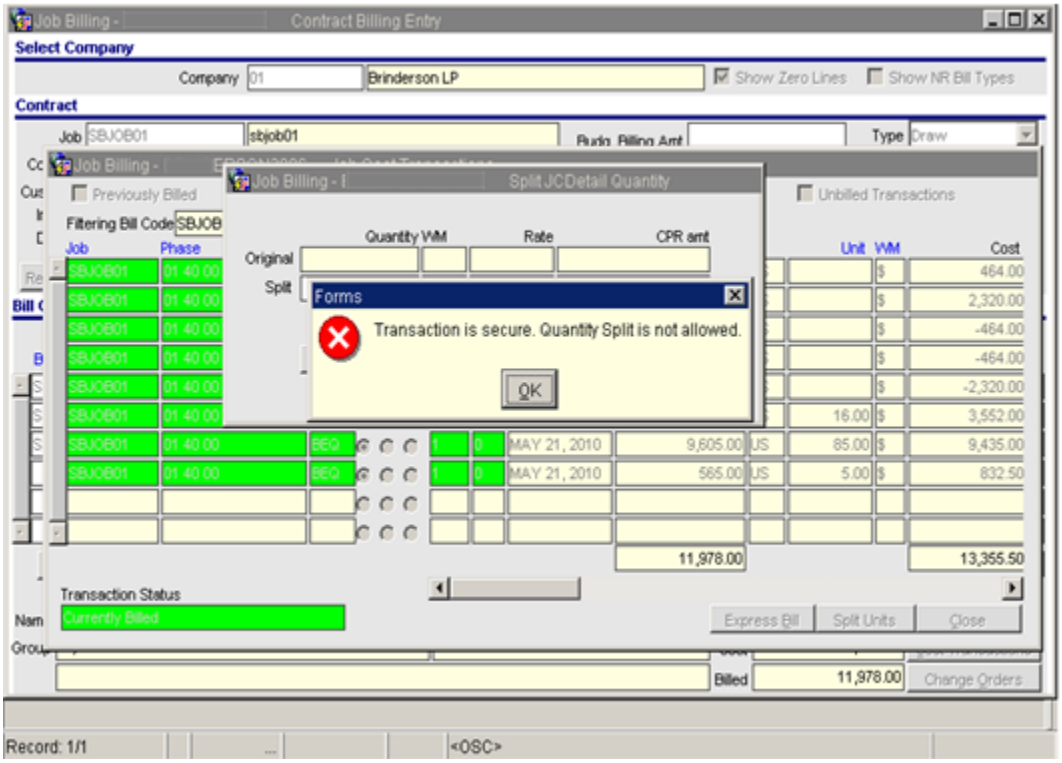
GC PREPARE BILL



If a cost line that does not have any Units value is selected and the **[Split Units]** is clicked, the following message will display:

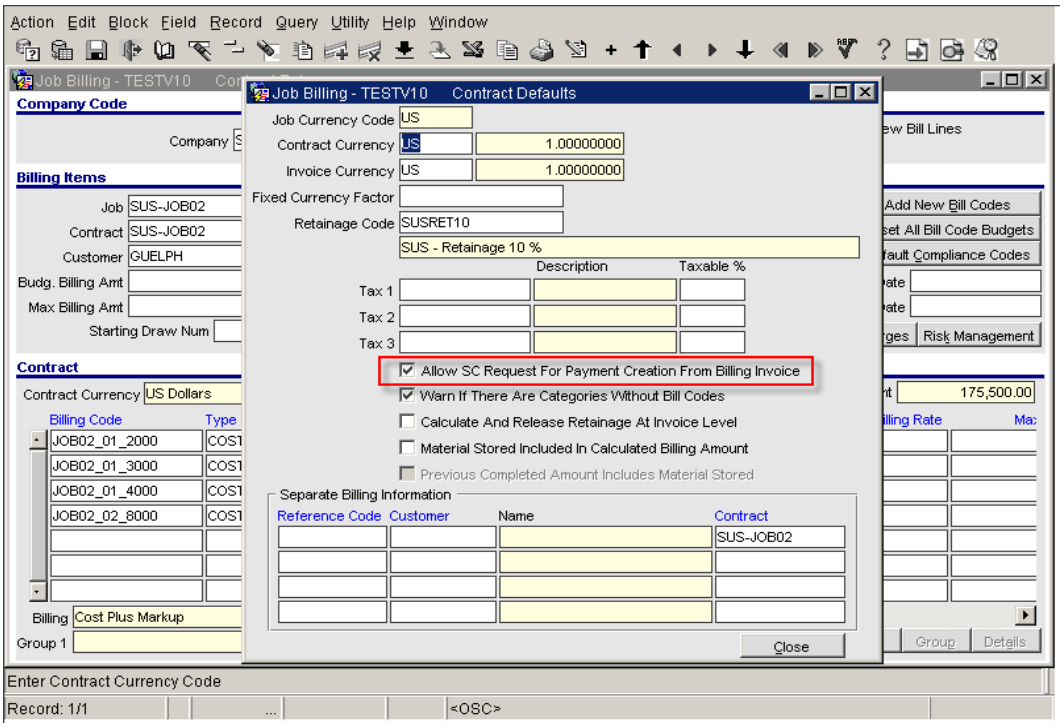


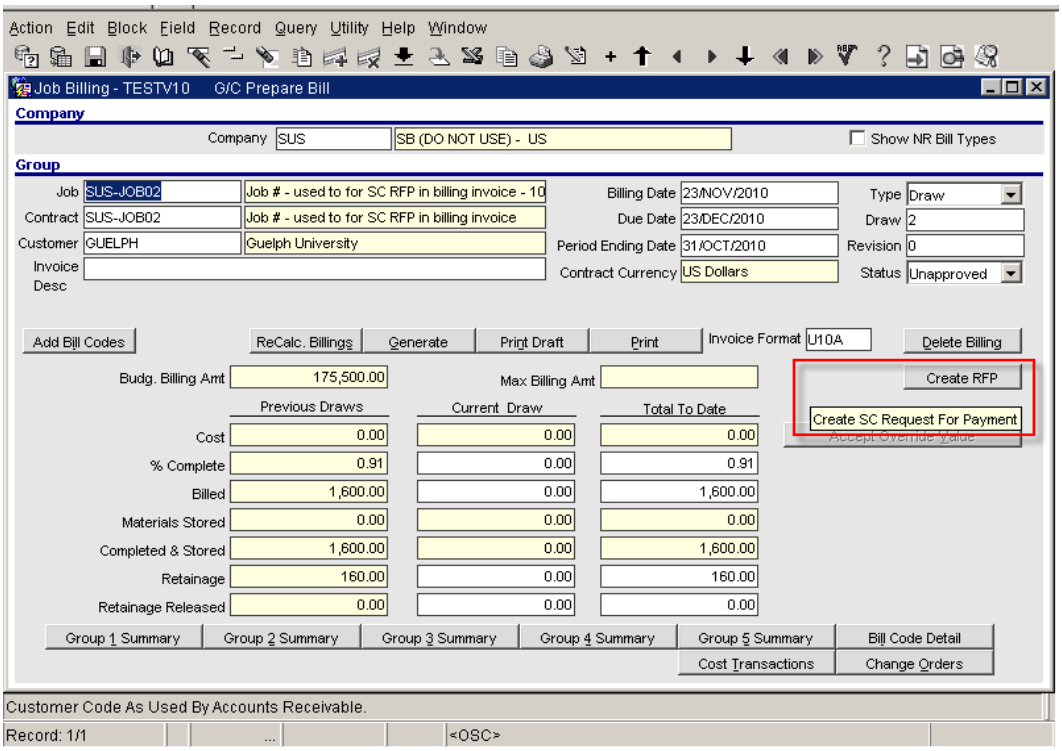
For secured transactions in the Prepare Billing screens:



Creating SC RFPs via JB Invoice (10.47027)

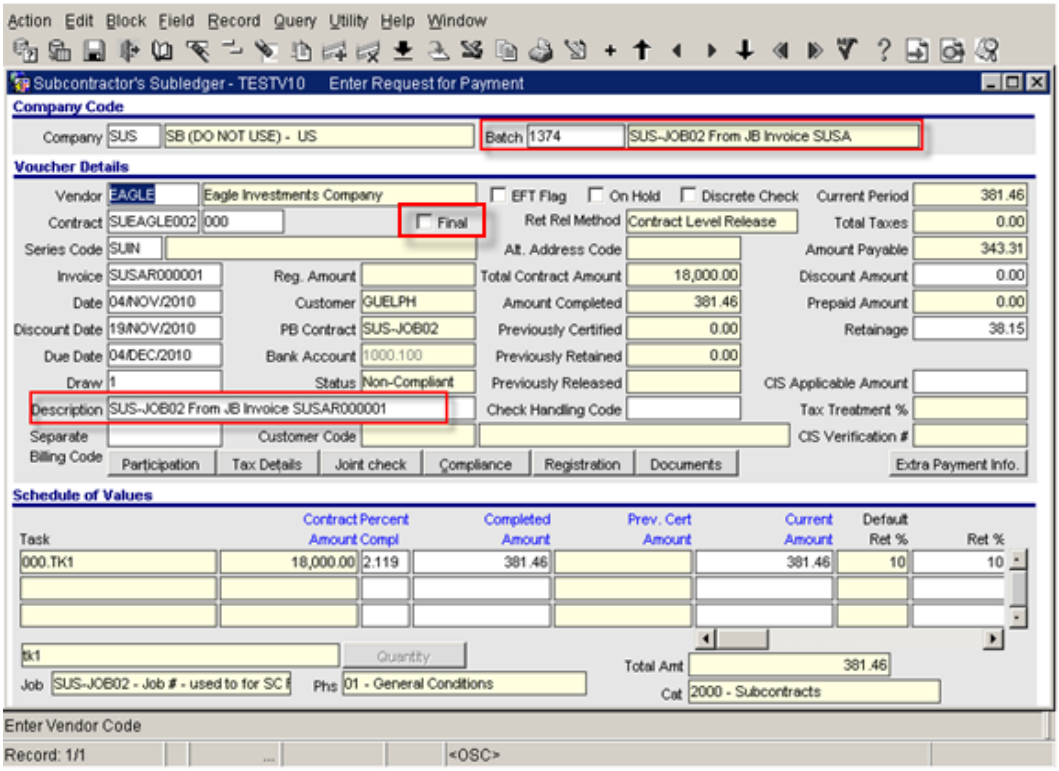
The Job Billing 'GC Prepare Bill' program has been changed to have a new button **[Create RFP]**. The new button will only be visible if the '***Allow SC Request for Payment Creation From Billing Invoice***' flag is checked on the JB Contract.





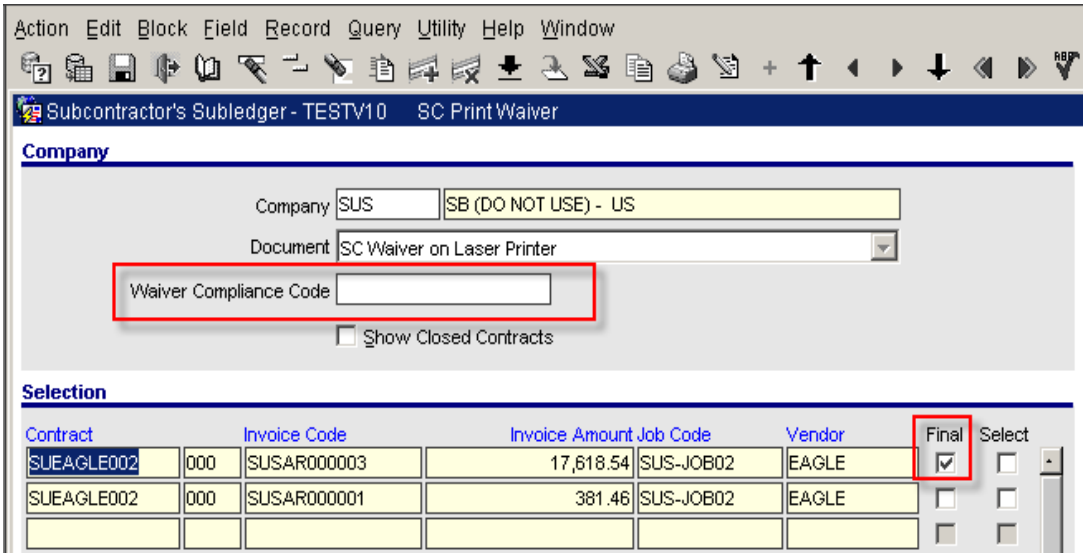
This new button will create an un-posted SC Pay Request for each of the Subcontracts being billed, so long as there is not already an un-posted pay request entered (manually).

The SC Pay Requests originally generated via this function will be deleted and re-created each time the [**Create RFP**] button is activated.

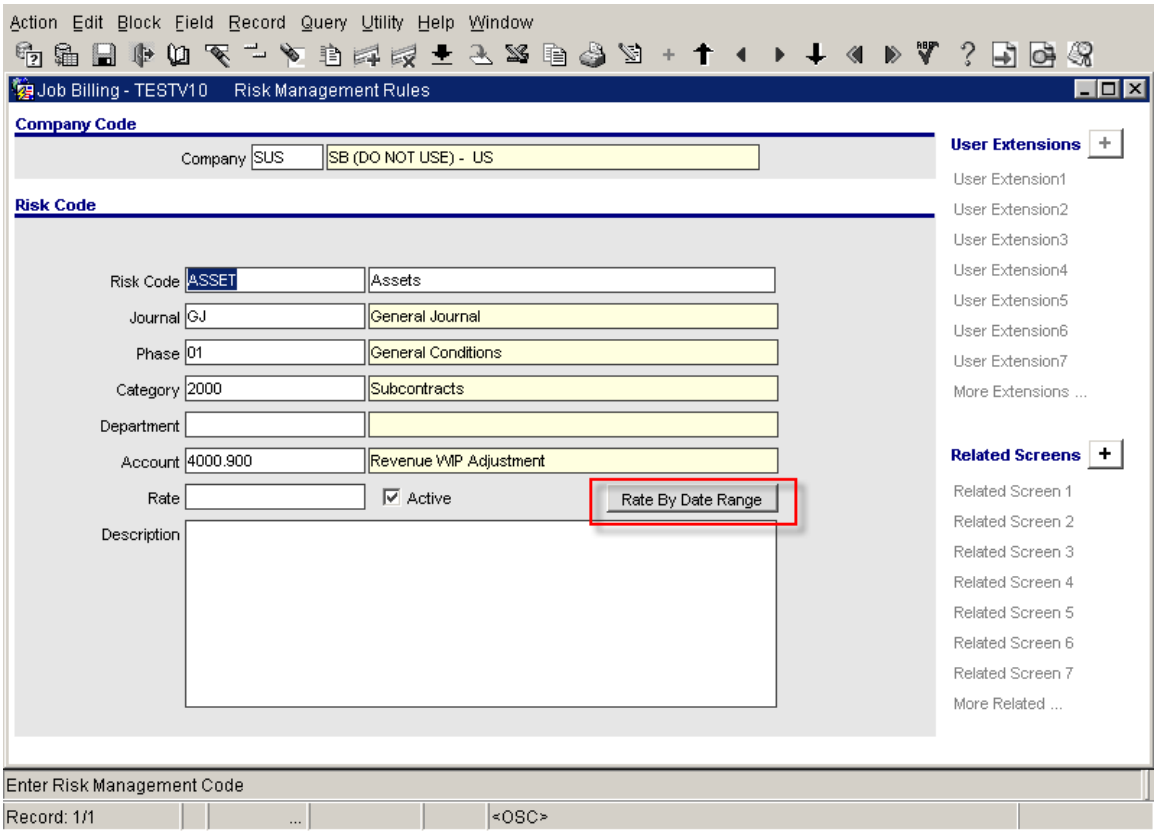


The SC Pay Request program now has a new field added to indicate if the Pay Request is the **Final** Pay Request.

The Lien Waiver Printing program has also been changed to default the 'Final' flag as it is set on the Request for Payment and to have a new field in the top section called Waiver **Compliance Code**. The detail section of the screen will only show those invoices where the Lien Waiver Compliance Code is not compliant on the invoice.



Date Sensitive Risk Management Rates (10.47025)



a) Added the **[Rate by Date Range]** button to the Risk Management Rules definition screen:

This is to allow for input of rates by date range. The Job Billing process will therefore look up the risk management rates matching the date range against the JB invoice date.

b) JB Control - Added the **Risk Management** tab to the Job Billing Control file. The Risk Code field has an LOV that displays all the **active** Risk Management Codes that have been defined in the *JB> Setup > Local Tables > Risk Management Calculation Rules.* Multiple Risk Codes can be entered in this tab.

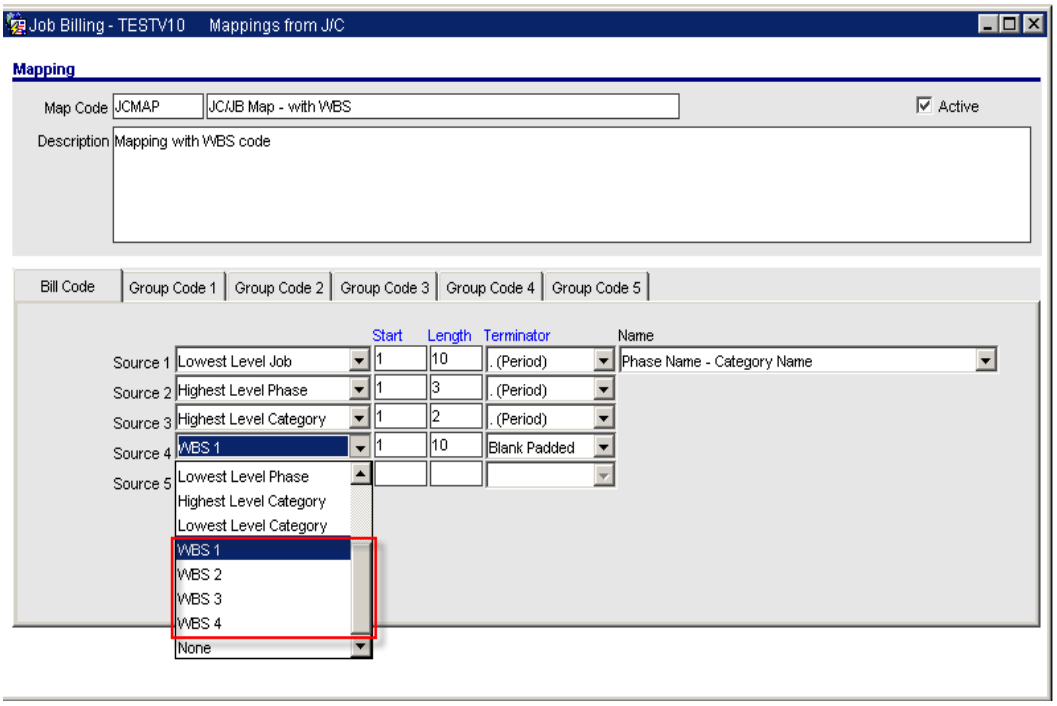
c) JB Contract

The [**Populate Default Risk Code**] button has been modified to remain enabled, and will pull all active codes that have been defined in the Risk Management tab in JB Control. The user may then keep or delete the codes as required, from the Contract.

Processing

During posting of the JB Invoice, the Risk Management Allocation process looks up the rate based on the risk code and the date range in which the invoice date falls, and then applies the rate for that date against the Amount Billed. A cost transaction ('C' transaction in Job Costing) is created, that is posted at the same time the billing transactions ('B') are posted.

WBS Codes in JC/JB Mapping (10.48785)



Added functionality to allow the specification of WBS codes as part of JC/JB Mapping. The Bill Code is not mandatory if the mapping has WBS codes, neither is the user allowed to create it 'on the fly' in such cases. In the JC Assign Phases and the Create Phase/Cat 'on the fly' screens, the bill-code is not editable in this case either.

Changing Burden and Milestone Types after Posted First Draw (11.54846)

Made changes to the validation of the JB Contract Entry so that if the user tries to change the billing type for any Burden or Milestone, a message will be generated if an un-posted draw exists.

The change is allowed if the draw is first deleted.

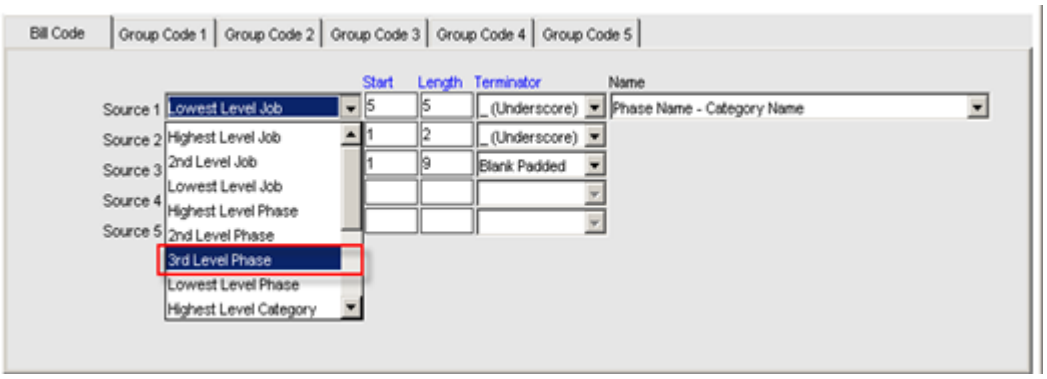
In the case where details of a Milestone or Burden exist and it is changed to another billing type, the details are cleared out as well.

Job Billing Modifications (11.54480)

The following changes have been made to Job Billing:

1. Third Level Phase in JC/JB Mapping

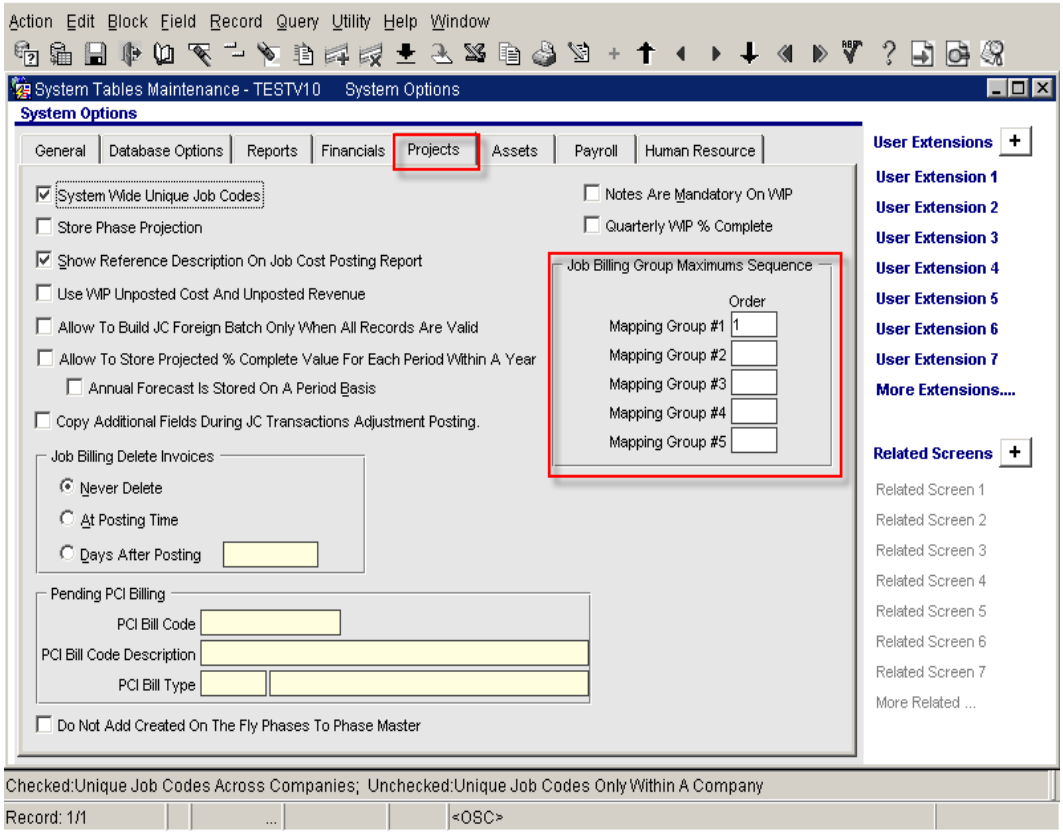
A 3rd Level Phase option has been added to the drop-down selection for Source in the Mappings from J/C screen:



This selection option is available for all 5 source fields on the Bill Code tab and all 5 Group Code tabs.

2. Nested Group Code Maximum

In the Systems Options – Projects tab, a set of fields representing the **Job Billing Group Maximum Sequence** have been added:



The Order represents which group is a subset of the other group, with the lowest number being the uppermost group, and the highest order number being the lowest group.

For example:

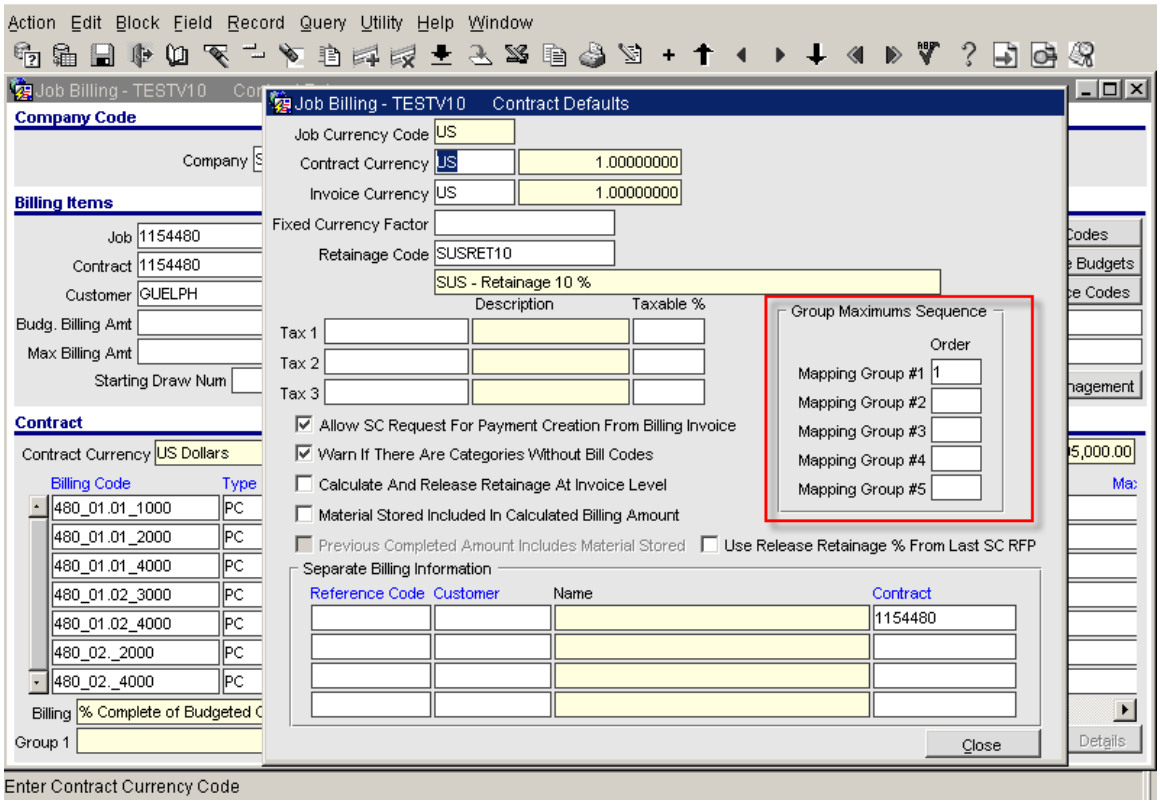
	Order A	Order B
Mapping Group # 1	1	5

Mapping Group # 2	2	4
Mapping Group # 3	3	3
Mapping Group # 4	4	2
Mapping Group # 5	5	1

Order A means Group 5 is a subset of Group 1

Order B means Group 1 is a subset of Group 5.

The values set in the Systems Options screen will be defaulted to the Job Billing Contract Entry –Defaults screen, but can be overridden:



The values in the Group Maximums Sequence Order fields are validated against the JB Contract's JC/JB mapping, so the sequence order is correct as per the Groups setup. For example:

If the JB Groups are:

Group 1: Lowest Level Job

Group 2: Lowest Level Job, Highest Level Phase

Group 3: Lowest Level Job, Highest Level Phase, Lowest Level Phase

Then the Group Maximums Sequence will be:

Group 1: 1

Group 2: 2

Group 3: 3

If the JB Groups are:

Group 1: Lowest Level Job, Highest Level Phase, Lowest Level Phase

Group 2: Lowest Level Job, Highest Level Phase

Group 3: Lowest Level Job

Then the Group Maximums Sequence will be:

Group 1: 3

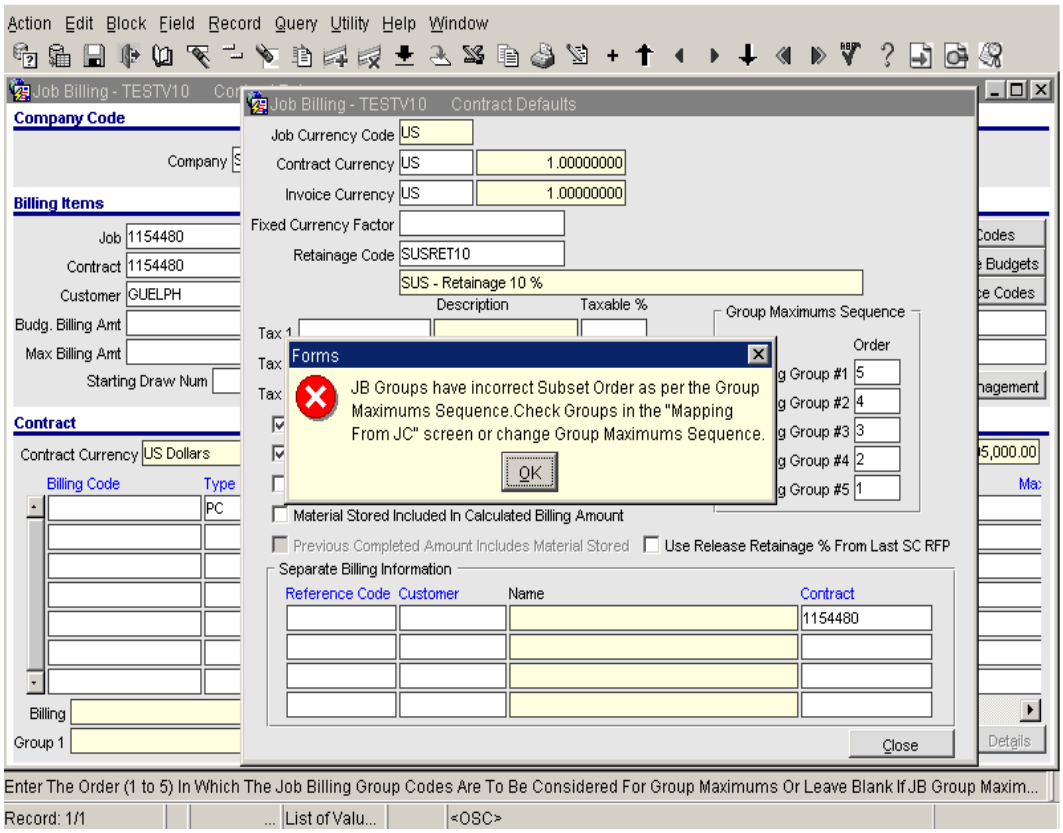
Group 2: 2

Group 3: 1

JB/JC Mapping validation

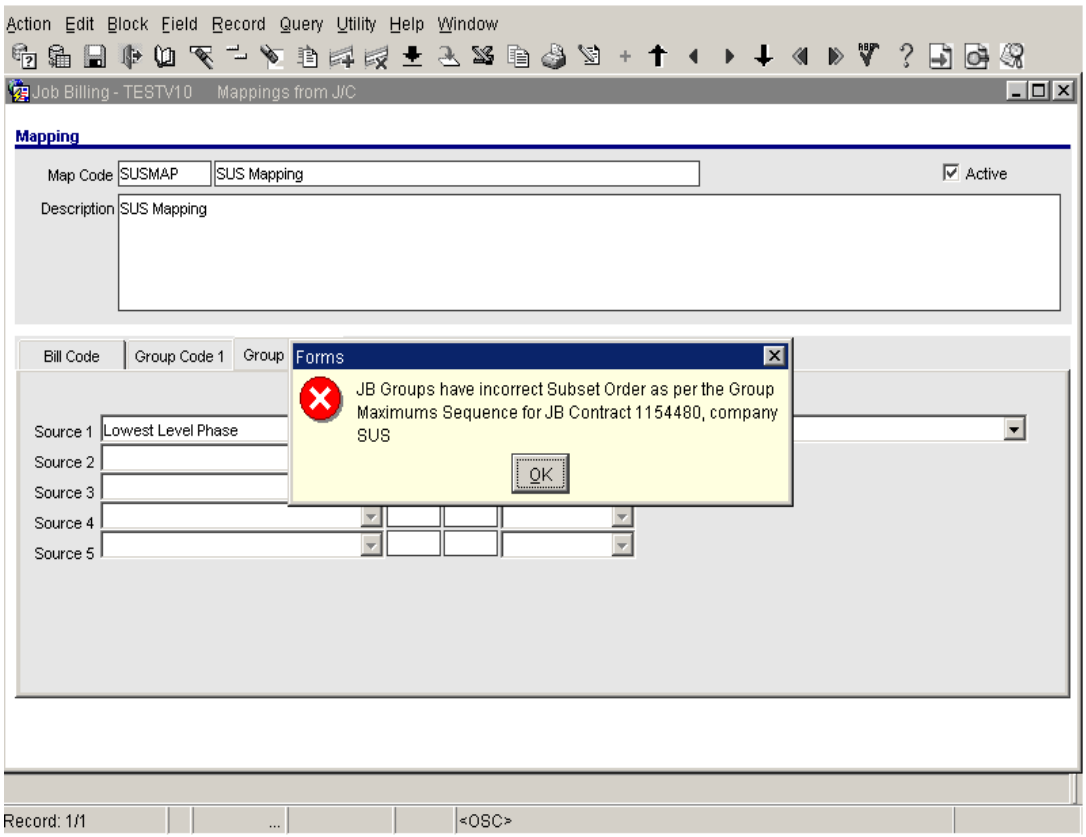
The JC /JB Mapping screen is also validated to check if the created groups have the same subset order as the current JB Contract.

If the validation fails, a message will be displayed:



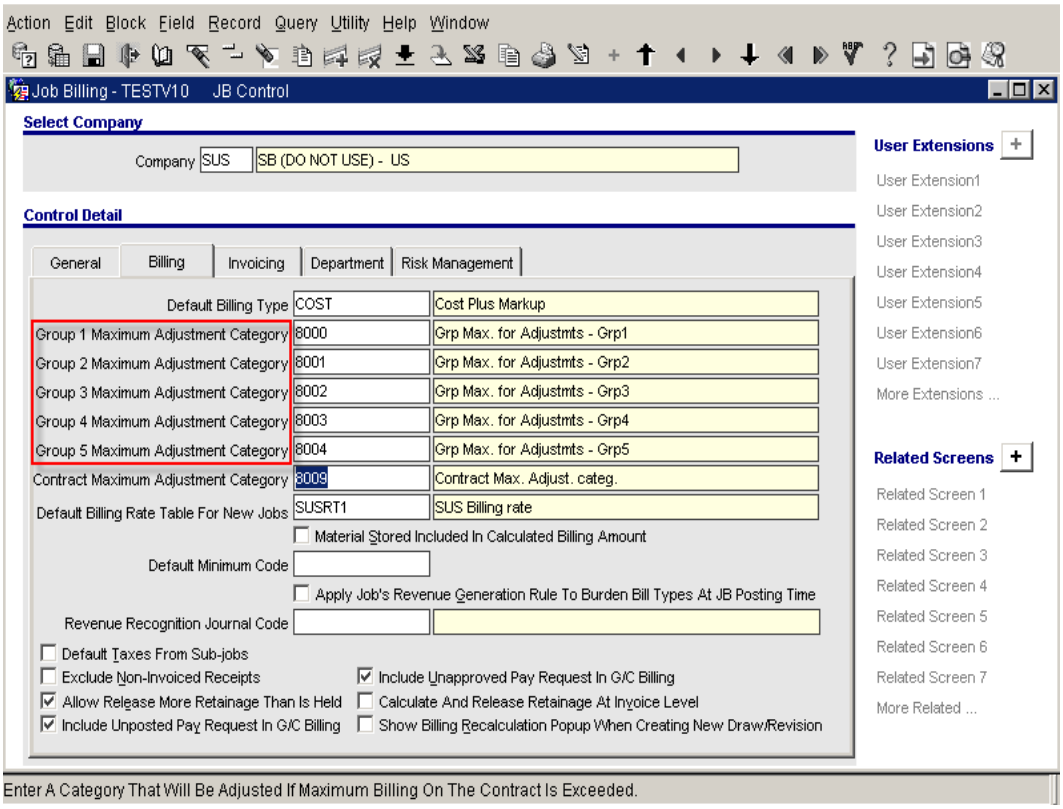
The user will be required to make the necessary adjustments to proceed.

In addition, if any changes are made to the JC/JB mapping, the setup is checked for all existing JB Contracts that use this mapping code, but if there are no contracts, the JC/JB mapping is checked against the Systems Option setup. A message similar to that shown below will be displayed, and the user will be required to make the adjustments before proceeding:



JB Control

The JB Control screen (Billing tab) has been modified to have Maximum Adjustment Category for all 5 groups:

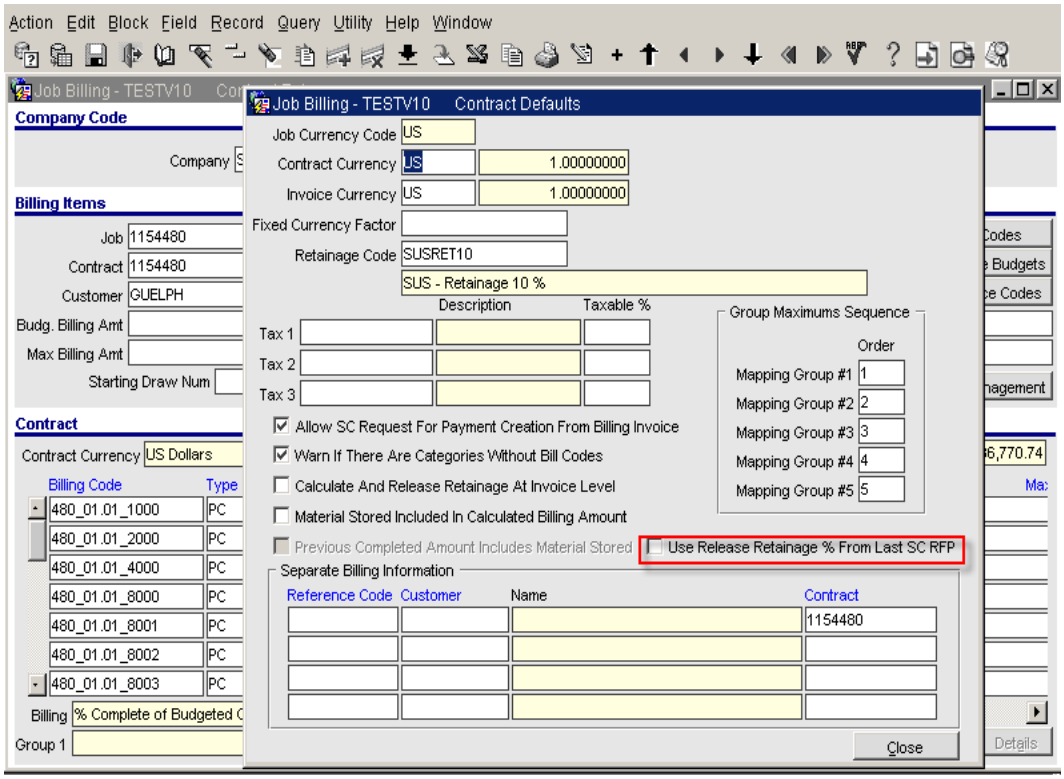


In addition, the JB Prepare Billing, G/C Prepare Billing and Prepare Mass Billing programs have been modified to apply Groups maximums for all 5 groups instead of just Group 1 as it was before this modification.

3. Increment Group Code Maximums when PCI is Posted

If the CM Control flag "**Update Max Billing Amounts in JB During Posting**" is checked, the system will update all job billing group maximums, bill code maximums and contract maximum by the Revenue Amount on each bill code related to the billing/group maximum of the PCI.

4. Retainage Release from Subcontract Management

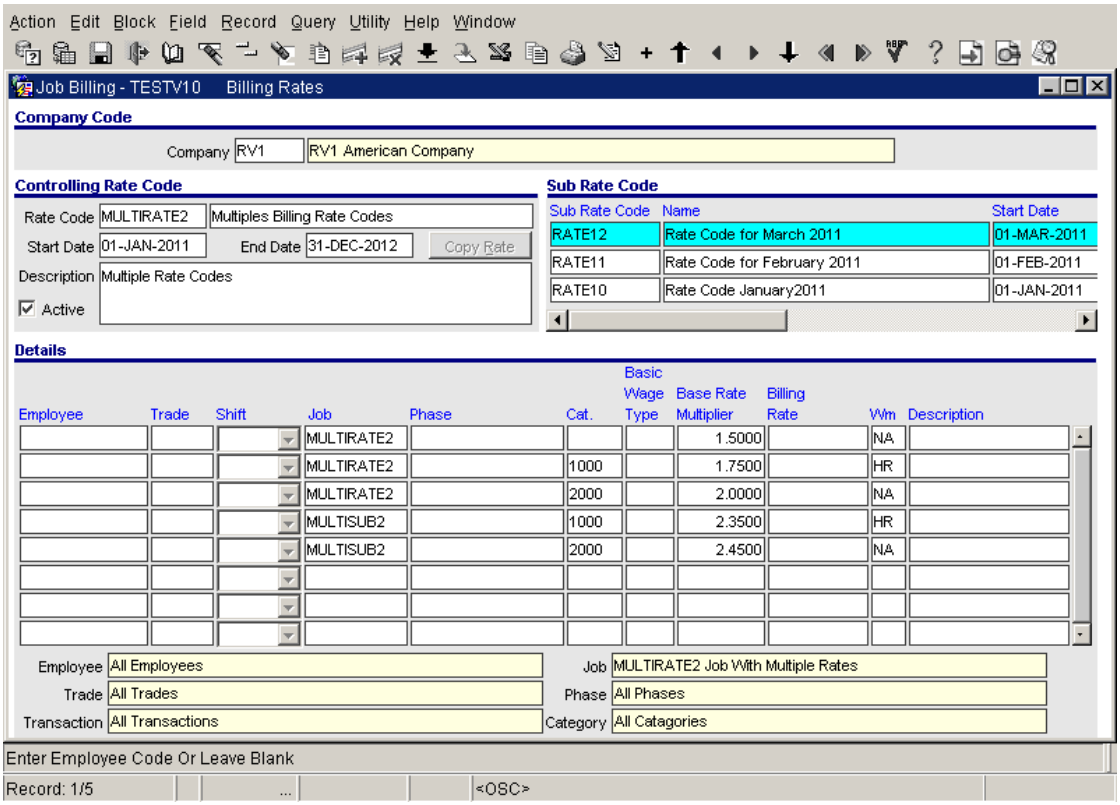


The new flag "**Use Release Retainage % From Last SC RFP**" has been added to the "Defaults" popup in the JB Contract Entry screen.

If the flag is checked, the Prepare Billing programs will find the last Posted Request For payment for the Bill Code and calculate the Release Retainage Percent. Then the same Percent will be applied to calculate the Release Retainage for the Bill Code in JB Billing.

The corresponding SC Subcontract must be invoiced via Subcontract and the Schedule Level Retainage Release flag must be checked. The Schedule lines must have JB Bill Code field populated.

Controlling & Sub Billing Rate Codes (11.54880)

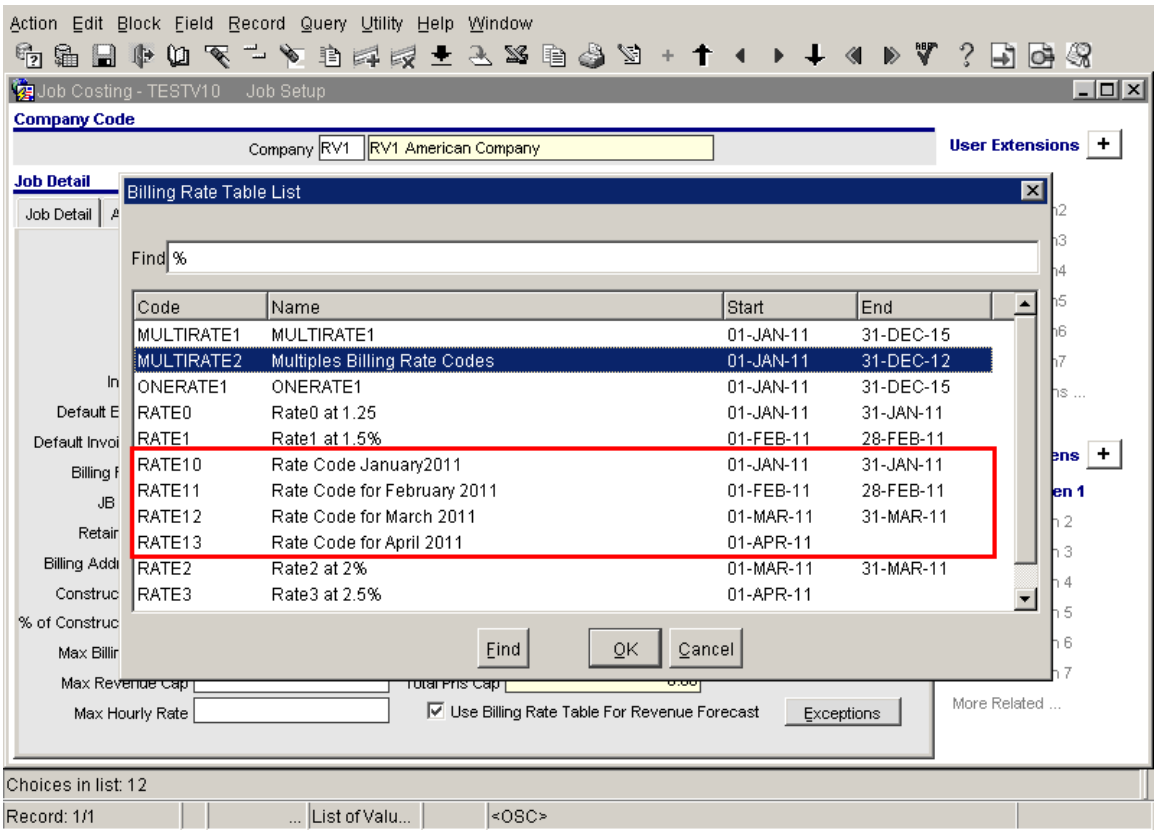


JBRATE.fmx

The Rate Code Section now has two blocks, one for Controlling Rate Code and the other for defining Sub Rate Codes.

When users prefer to define only controlling rate codes, they may enter the rate code, the start and end dates and then move to Rate details section to enter the rates. This existing functionality is useful when rates that are defined in the beginning, are not expected to change during the entire lifecycle of a job. When Rates are defined against a controlling rate code, then the sub rate code is not enterable and display only.

The new functionality of sub rate codes is useful, when the billing rates are expected to change during the life cycle of a job and require multiple billing rate codes with a date range be defined for a job. Once a Controlling rate code is entered for a longer date range period, users may move to the sub rate codes block and define rate codes with start and end dates. The sub rate codes may even be marked as 'Active' similar to the controlling rate codes. The **[copy]** button at the end of each line of the sub rate codes, may be used to quickly copy from the existing rate codes. Once a sub rate code is defined, users may move to the details section and define the parameters as desired and the billing rates. Here again, once sub rate codes exist, users are not allowed to define rates directly under a controlling rate code.



JCJOBFM.fmx > Billing Tab > Billing Rate field LOV

During Job Setup, users may use the List of Values to select a desired bill rate code, which would list all the billing rates defined under a company, including the sub rate codes. After all, the sub rate codes are nothing but billing rate codes with start and end dates similar to the controlling rate codes. It may be noted from the screen that when successive rate codes are defined, the last sub rate code defined will have an 'open' end date.

During Job Cost postings, the appropriate billing rates will be applied as of the posting date and that is reflected when a Job Billing draw is generated and posted. 'Billing Rate Recalculation' program is also modified to take into account of the date of posting and apply the prevailing rates from the sub rate code with the encompassing date range.

GC Prepare Billing – Billcode Level Changes (11.55559)

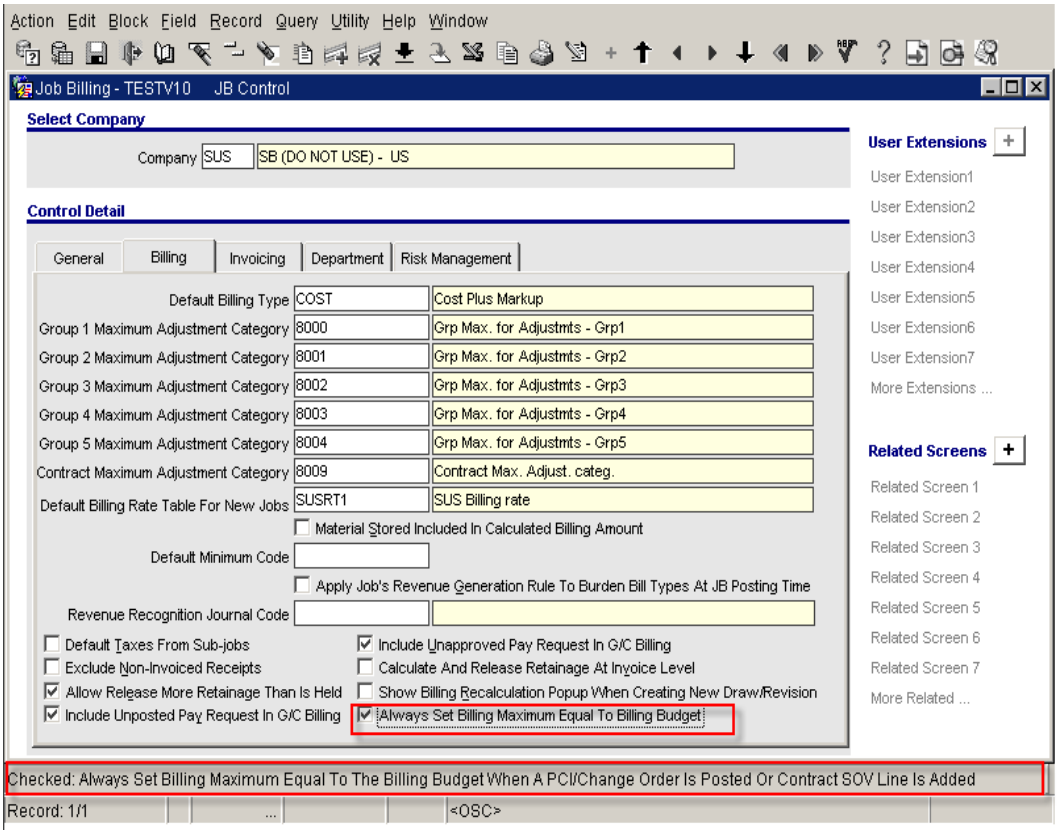
The following changes have been made to the **GC Prepare Billing** screen:

1) The Subcontractors name has been added as a display field at the bottom of the window (SName field).

2) The Bill Code description has been added to the Left static section of the screen.

3) The Bill Amount field has been changed to be a static field on the Right of the screen.

JB Maximum Billing Amount (11.55560)



Added the checkbox: '**Always Set Billing Maximum Equal To Billing Budget**' to the Billing tab of the Job Billing Control. By default, this flag is un-checked. When checked, the billing maximum at the bill code level is set to be equal to the billing budget when a PCI or Change Order (CM) is posted or when a bill code line is added or modified in the job billing contract entry screen.

Use Release Retainage % From Last SC RFP (11.54480)

The flag "**Use Release Retainage % From Last SC RFP**" has been added to the JB Control file. This flag will default its value to the similar contract level flag.

If the flag is checked, the Prepare Billing programs will find the last Posted Request For payment for the Bill Code and calculate the Release Retainage Percent. Then the same Percent will be applied to calculate the Release Retainage for the Bill Code in JB Billing.

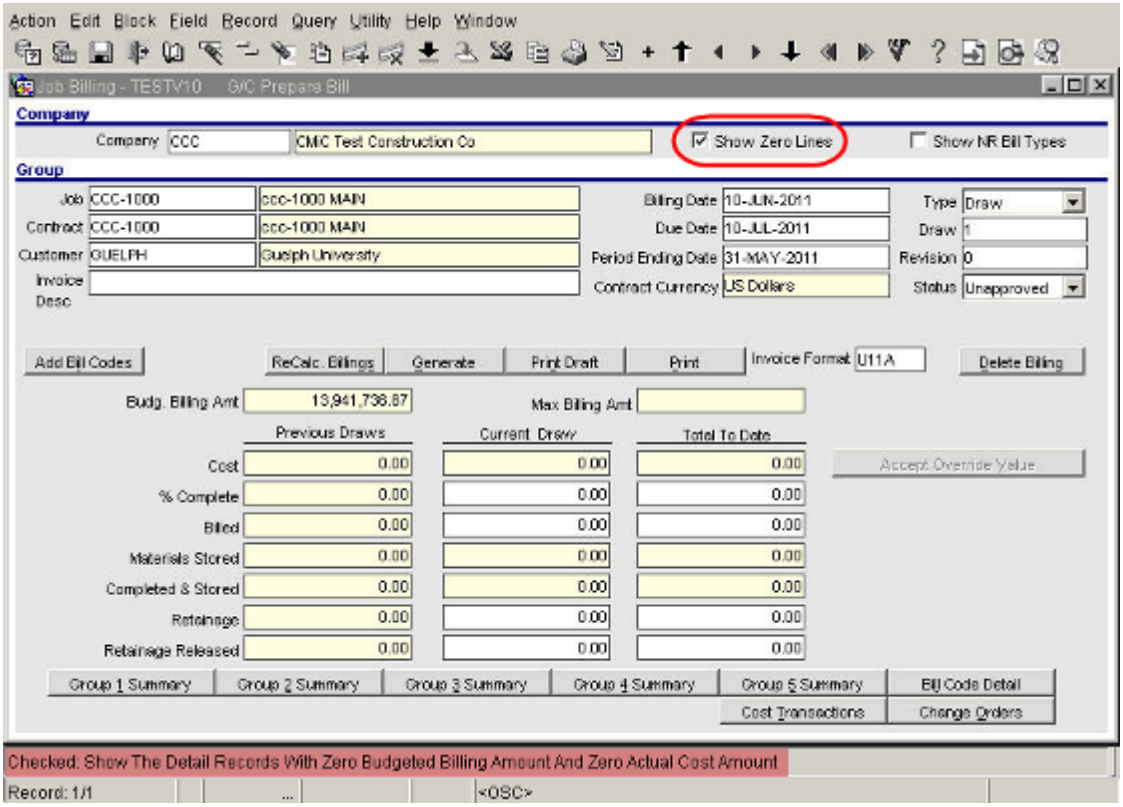
The corresponding SC Subcontract must be invoiced via Subcontract and the Schedule Level Retainage Release flag must be checked. The Schedule lines must have JB Bill Code field populated.

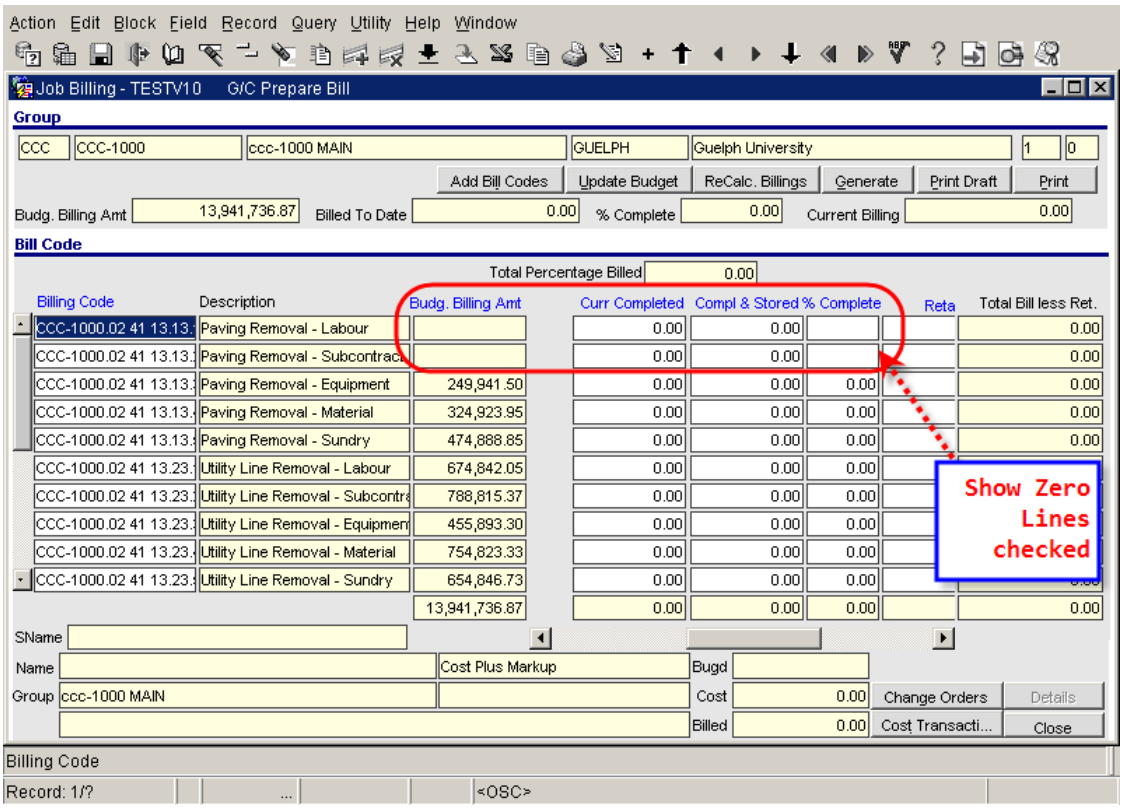
GC Prepare Billing – Show 'Zero' Lines check box (11.55451)

The functionality to restrict billcode lines with zero amounts in budgeted billing and Completed Cost Amount fields is added with a new checkbox to the G/C Prepare Bill form. (This functionality already exists in 'Prepare Billing Form (JBBILL.fmx))

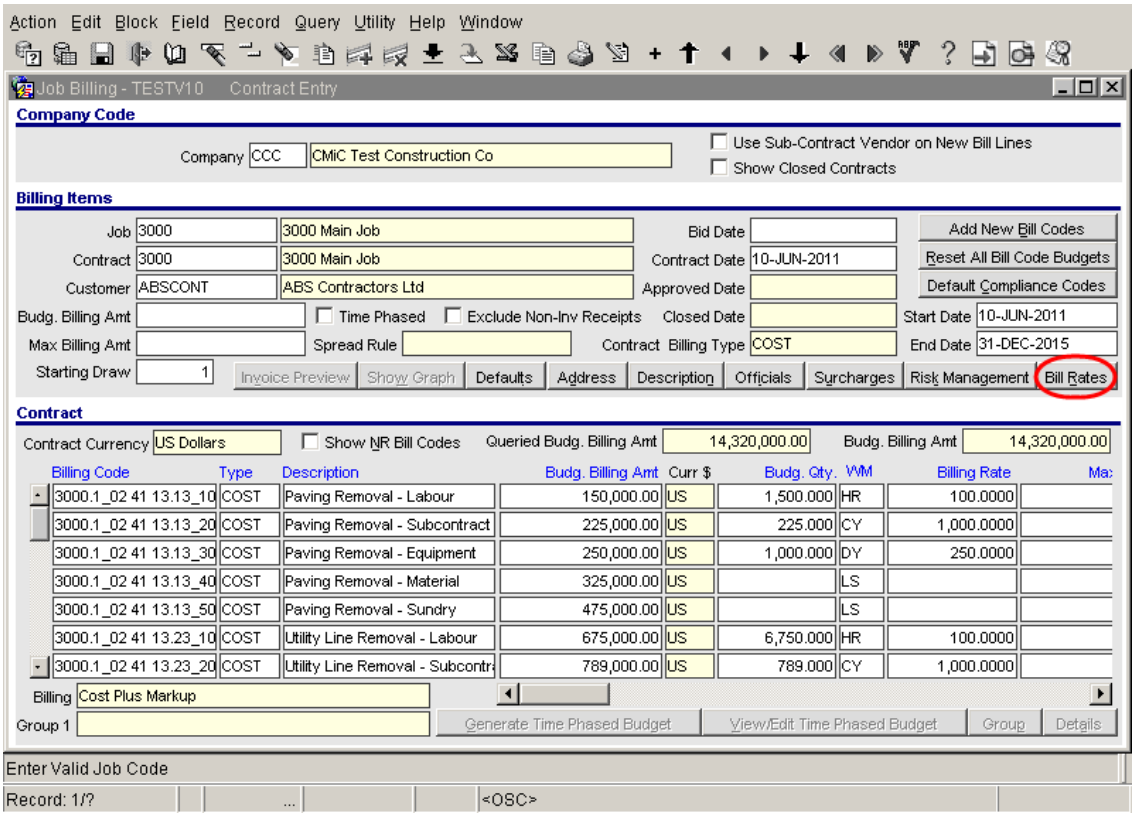
The default is checked, to display all bill code lines including those with 'zero' amounts in budgeted billing & completed cost amount fields.

When checked, the Bill Code Details popup would filter out those ‘Zero’ lines and makes review of billing lines easier.

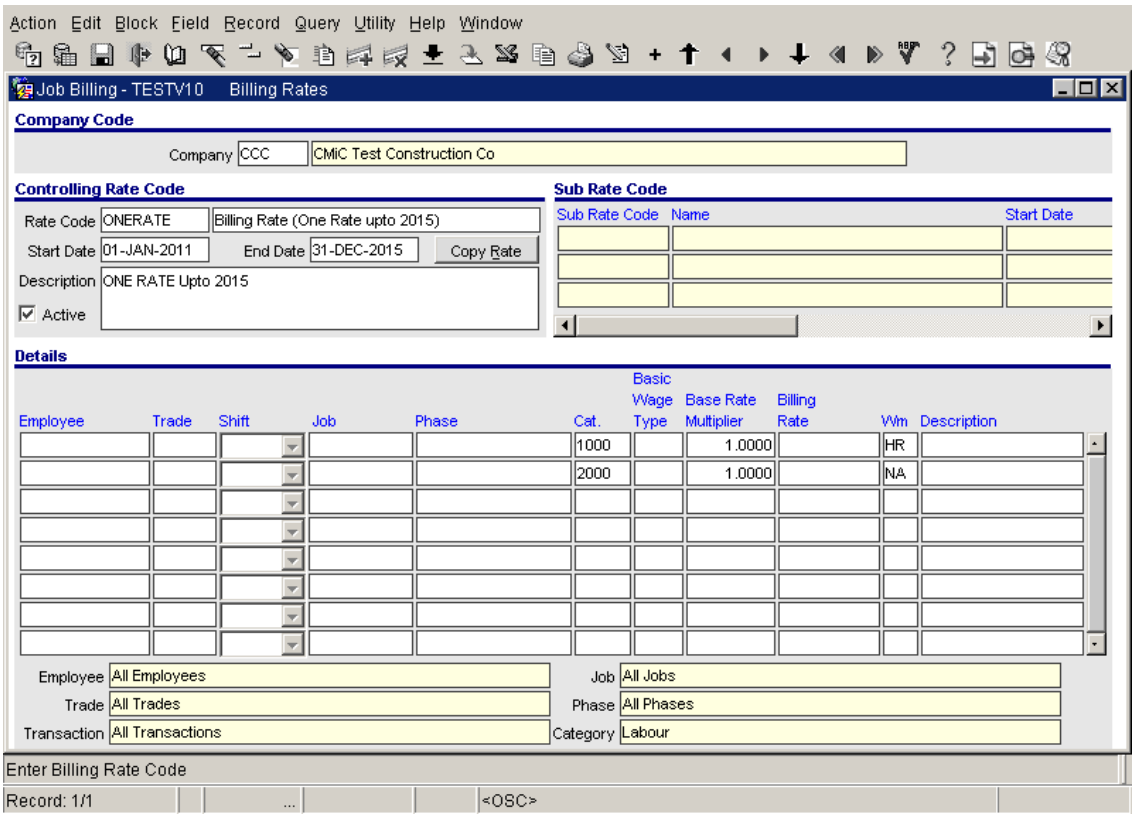



Action Edit Block Field Record Query Utility Help Window
Job Billing - TESTV10 G/C Prepare Bill
Group
CCC CCC-1000 ccc-1000 MAIN GUELPH Guelph University 1 0
Add Bill Codes Update Budget ReCalc. Billings Generate Print Draft Print
Budg. Billing Amt 13,941,736.87 Billed To Date 0.00 % Complete 0.00 Current Billing 0.00
Bill Code
Total Percentage Billed 0.00
Billing Code Description Budg. Billing Amt Curr Completed Compl & Stored % Complete Reta Total Bill less Ret.
CCC-1000.02 41 13.13. Paving Removal - Labour 0.00 0.00 0.00
CCC-1000.02 41 13.13. Paving Removal - Subcontrac 0.00 0.00 0.00
CCC-1000.02 41 13.13. Paving Removal - Equipment 249,941.50 0.00 0.00 0.00 0.00
CCC-1000.02 41 13.13. Paving Removal - Material 324,923.95 0.00 0.00 0.00 0.00
CCC-1000.02 41 13.13. Paving Removal - Sundry 474,888.85 0.00 0.00 0.00 0.00
CCC-1000.02 41 13.23. Utility Line Removal - Labour 674,842.05 0.00 0.00 0.00
CCC-1000.02 41 13.23. Utility Line Removal - Subcontr 788,815.37 0.00 0.00 0.00
CCC-1000.02 41 13.23. Utility Line Removal - Equipmen 455,893.30 0.00 0.00 0.00
CCC-1000.02 41 13.23. Utility Line Removal - Material 754,823.33 0.00 0.00 0.00
CCC-1000.02 41 13.23. Utility Line Removal - Sundry 654,846.73 0.00 0.00 0.00
13,941,736.87 0.00 0.00 0.00 0.00
Show Zero Lines checked
SName
Name Cost Plus Markup Bugd
Group ccc-1000 MAIN Cost 0.00 Change Orders Details
Billed 0.00 Cost Transacti... Close
Billing Code
Record: 1/? ... <OSC>

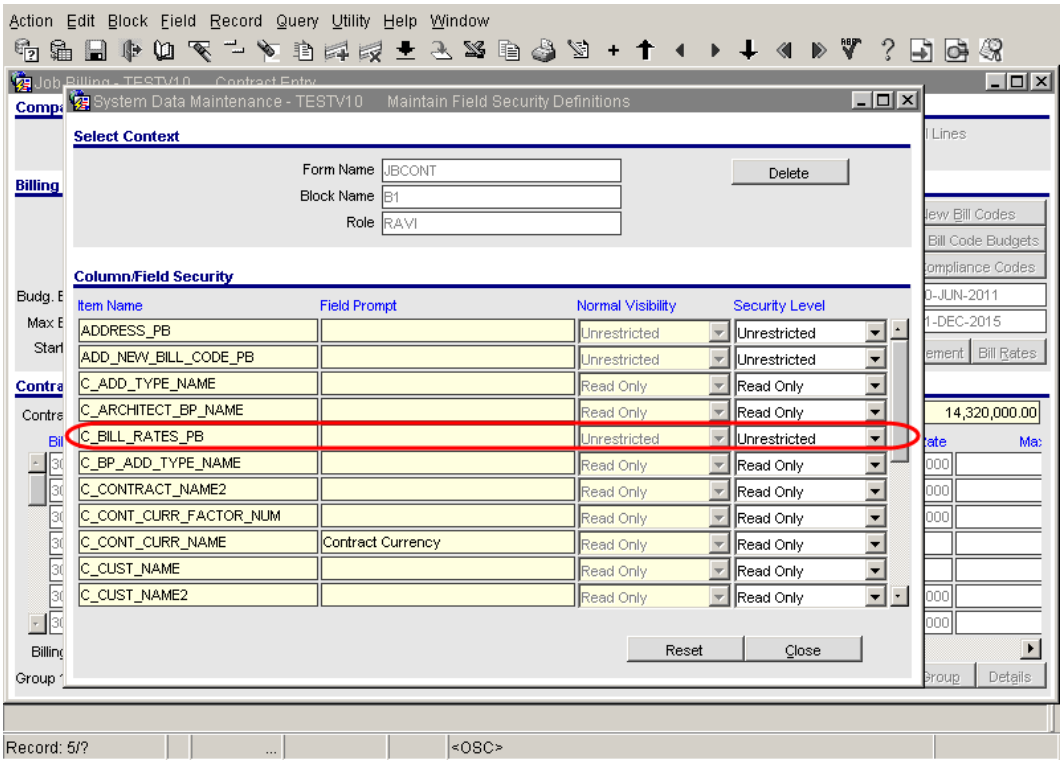
Opening Billing Rate Screen from JB Contract Entry (11.57563)

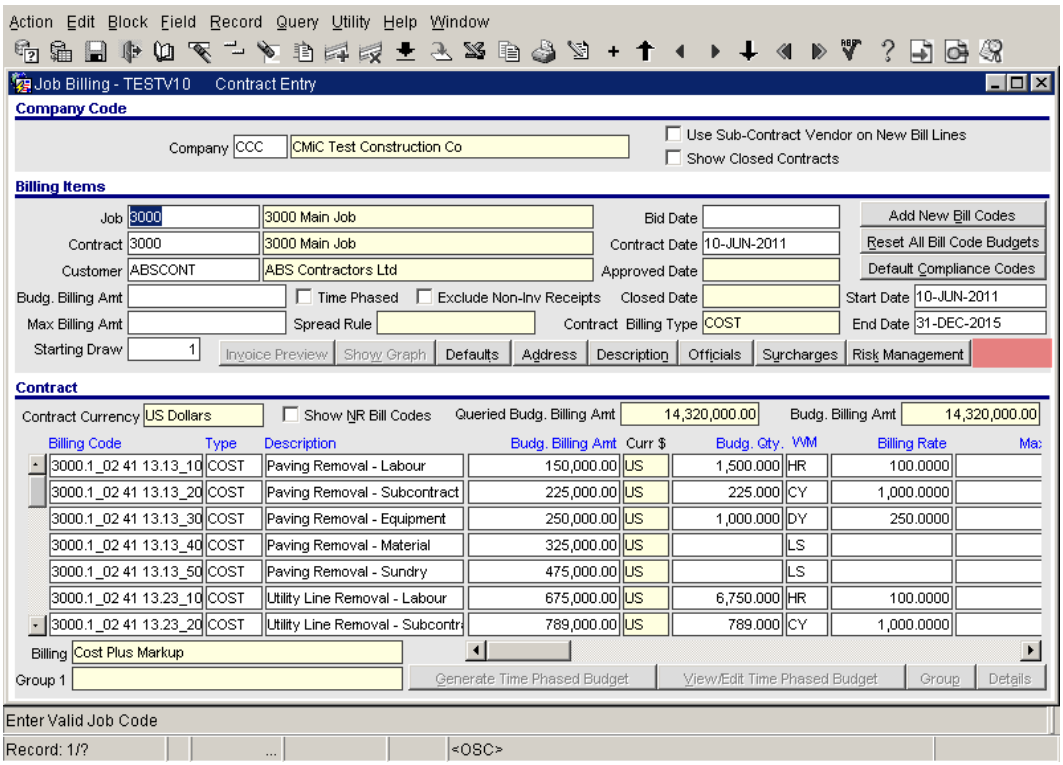


JB Contract Entry screen is modified with the addition of a button ‘Bill Rates’, that will open the Job Billing Rate Table Maintenance Screen. The screen will open on the Company and Rate code associated with the 'Key' job for the contract, which will be the controlling job if there is more than one job associated with the contract.

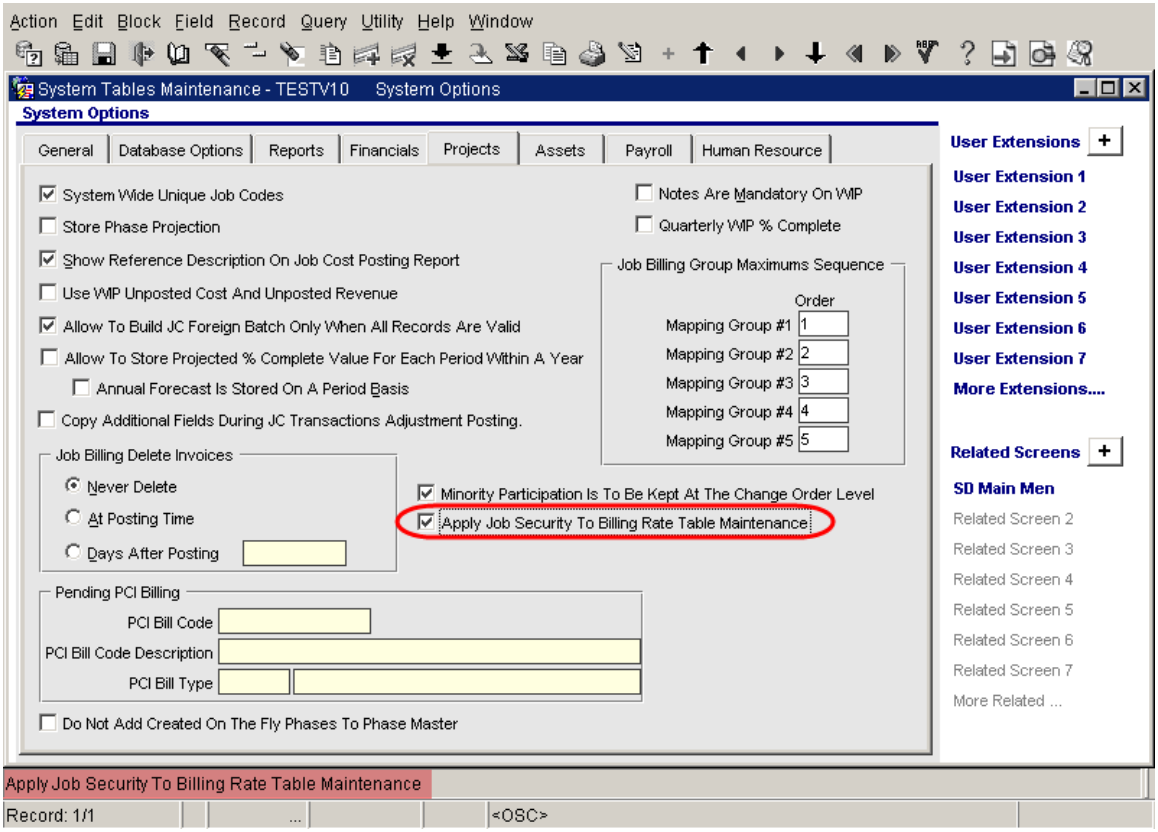


The form also allows for updates to the billing rates. Users will be able to update and commit the changes. Field Security may be applied on the 'Bill Rates' button to hide the same, if necessary.





Apply Job Security on Billing Rate Maintenance (11.57580)



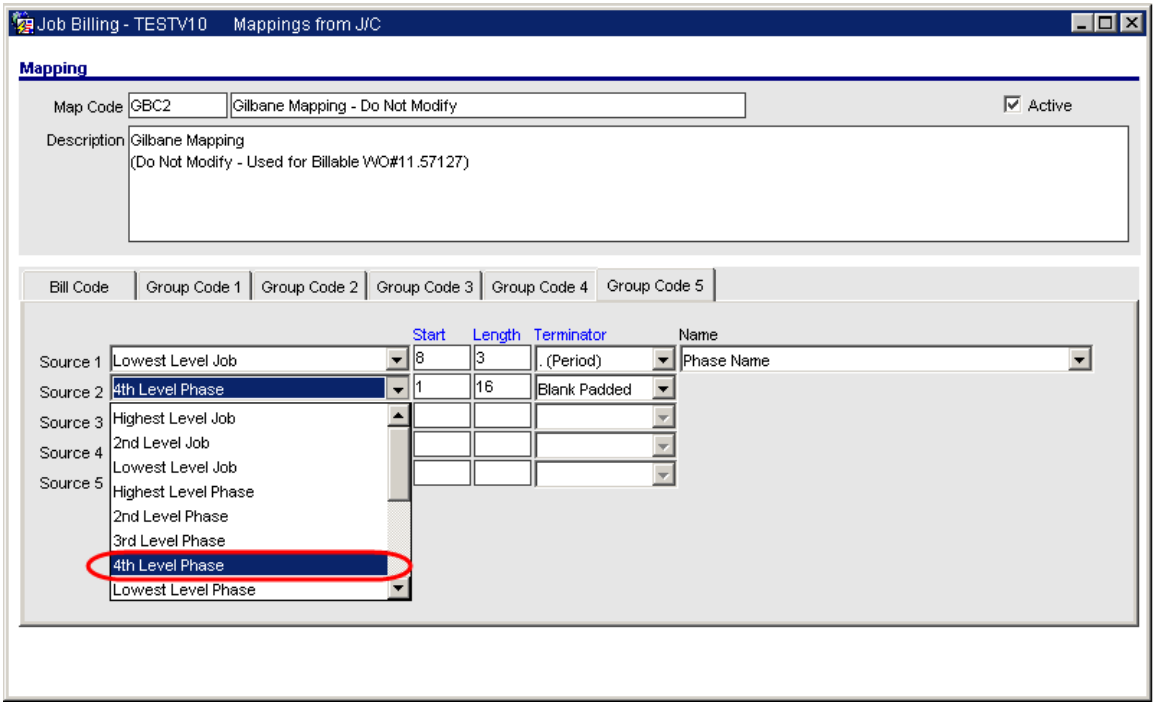
It must be noted that, since this is a system level option, across all companies the same rule will be applied as per the flag value.

4th Level Phase as source in Billing Mapping to JC (11.57127)

An option ‘4th Level Phase’ is added to the ‘source’ selection drop down field on the Job Billing Mapping to JC screen. The ‘Auto Generate’ bill code functions are changed so that, the '4th Level Phase' is recognized and are able to build the codes appropriately.

This modification also includes retrieving the name of the 4th level phase. If there are only 4 levels of phases - the options Lowest Level Phase and 4the Level Phase will have the identical meaning.

NOTE: Users must be aware that the AIA type reports effectively use 3 levels of grouping and the Free Form invoices may use all 5 levels of grouping as per the Invoice format definition. Refer to Job Billing Manual for more details.



Validations for WBS Mapping (11.60107, 11.60235)

Modifications have been made to block UPHS billing type when WBS mapping is used in the bill code (JB/JC Mapping), and to not allow the user to change from WBS mapping to non-WBS mapping if the JB contract is created or transactions exist.

Additional validation for WBS in bill code mapping or billing type is included in Job Setup, JB Create Contract, JB/JC Mapping screen, Assign Billing Codes to Cost Phase/Categories, Create RFP in JB Invoice, Modify Type in PCI Entry.

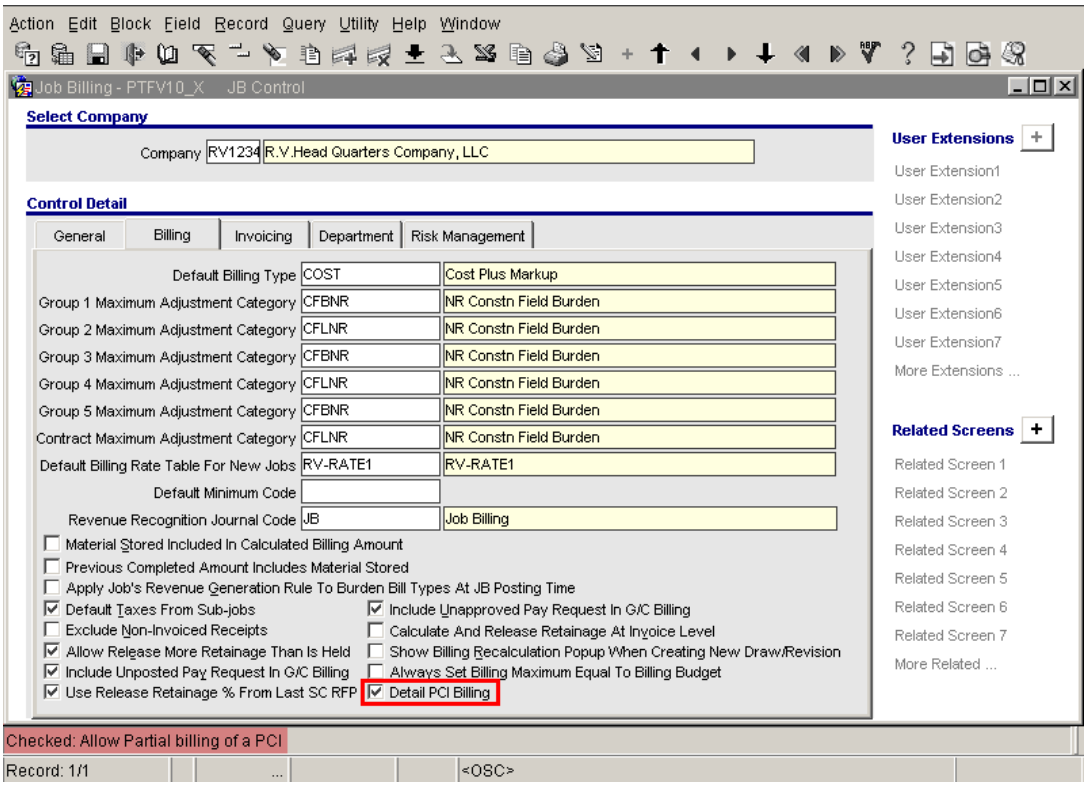
PCI Billing Modifications (11.60896)

Currently, the ability to bill a certain percentage of a PCI amount in a billing invoice does not exist. Though, this may be achieved by manually creating additional and unique phase and bill codes for each PCI, the creation of additional phase / bill codes, creates burden on other processes i.e. forecasting, which is not desirable.

Now, with this modification, users have the ability to bill a percentage of the PCI in a billing invoice. This partial billing of PCI amounts is similar to overrides functionality in G/C Prepare Bill screen.

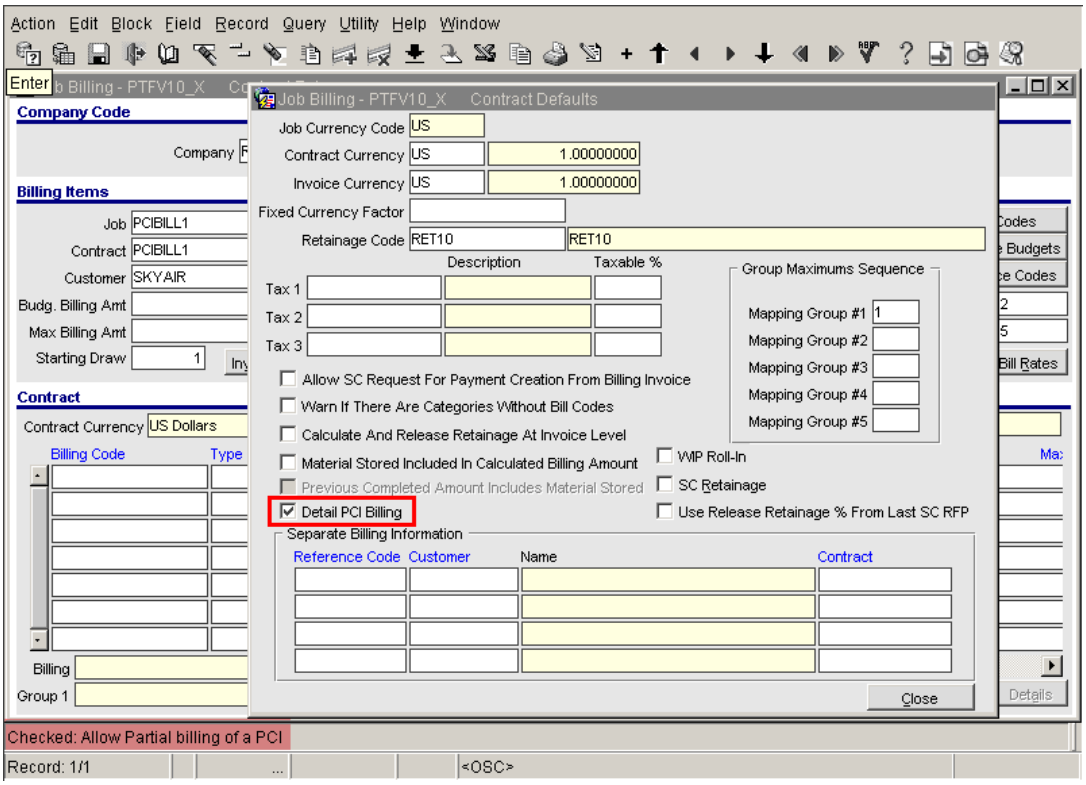
Modifications

JB Control Form



The partial billing of a PCI is allowed with the addition of an option for contracts, that do not use WBS mapping. A checkbox 'Detail PCI Billing' is added to the JB Control form. This is a default setting for contract entry screen and may be overridden at contract level, if desired.

JB Contract Entry Form



The Contract level ‘PCI Detail Billing’ flag defaults the value from the JB control, which may be overridden, if required. When generated/posted billing invoices exist for a contract, users are no longer allowed to update this flag at contract level. In order to override the setting, users may have to void all the posted draws and delete any un-posted billing to access the flag.

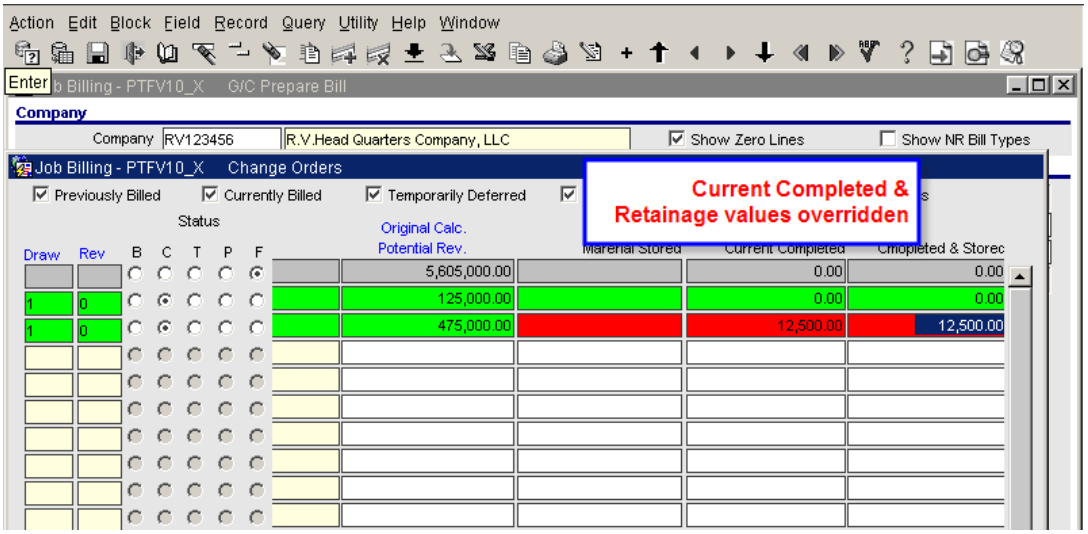
G/C Prepare Bill Form

G/C Prepare Bill Screen is modified with additional columns to allow partial billing in change orders popup. The columns are

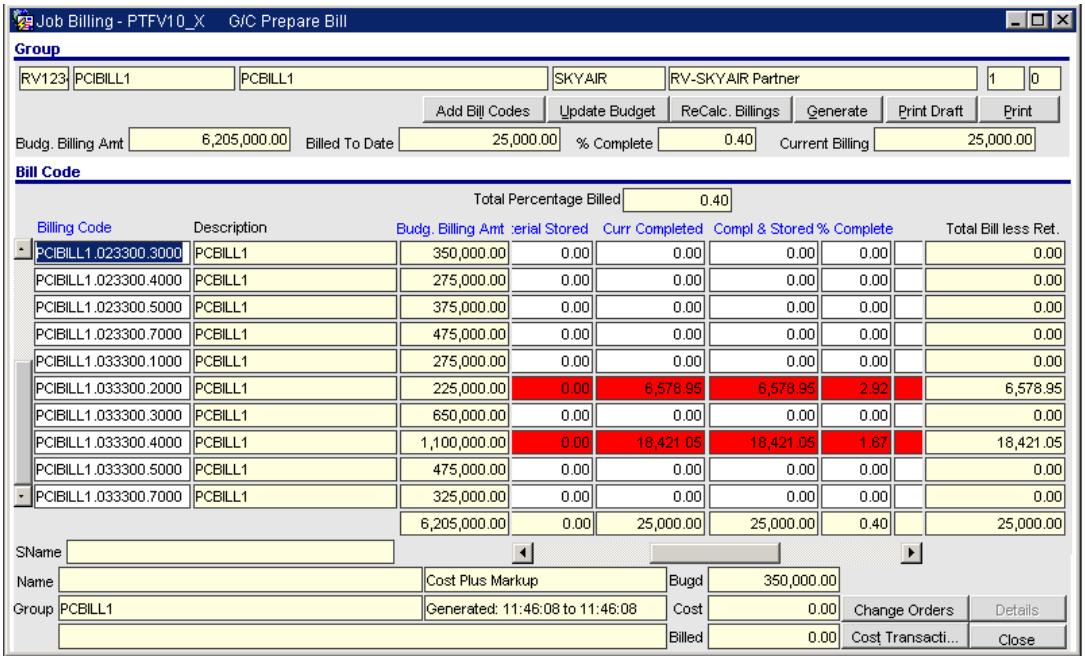
1. Material Stored
2. Current Completed
3. Completed & Stored
4. Retainage
5. Retainage Release

When a PCI is included in the current billing, users may update the filed values and commit. The overridden values, in this case, partial billing of PCI lines are identified with ‘red’ color as a visual indicator.

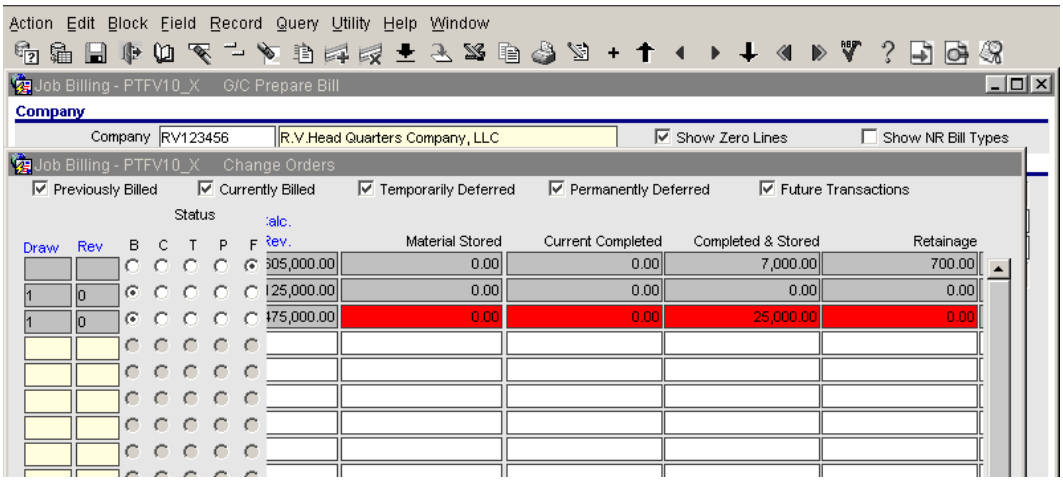
“Cost Transactions” button is added to the Change Orders popup. When pressed, the popup shows cost transactions associated to the PCI. Also, it may be noted that additional columns such as PCI, Line number and commitment added to the popup to show the associated PCI, Line number and the bill code information.

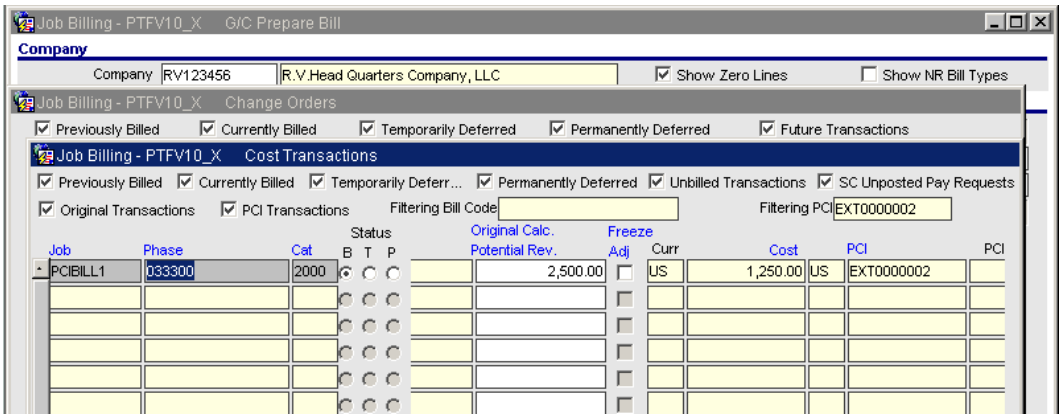


The overridden PCI line is indicated with red color similar to the overrides functionality. The values overridden are prorated to all bill codes that are associated with PCI lines.



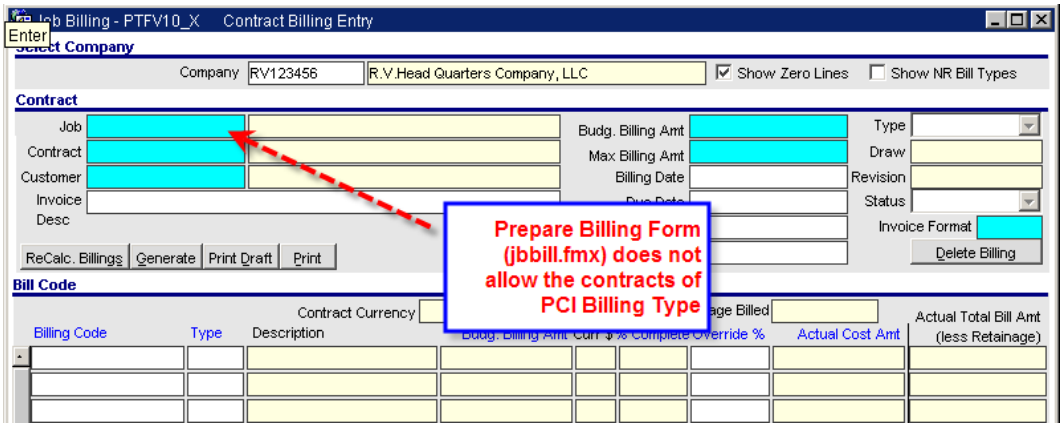
The consequent draw shows the PCI lines in change orders popup with ‘Billed’ status with a ‘grey’ indicator. Users are not allowed to change the status, as this PCI had been already billed, partially though. Users may continue to bill the PCIs for the remainder of the amounts as the fields are enterable.



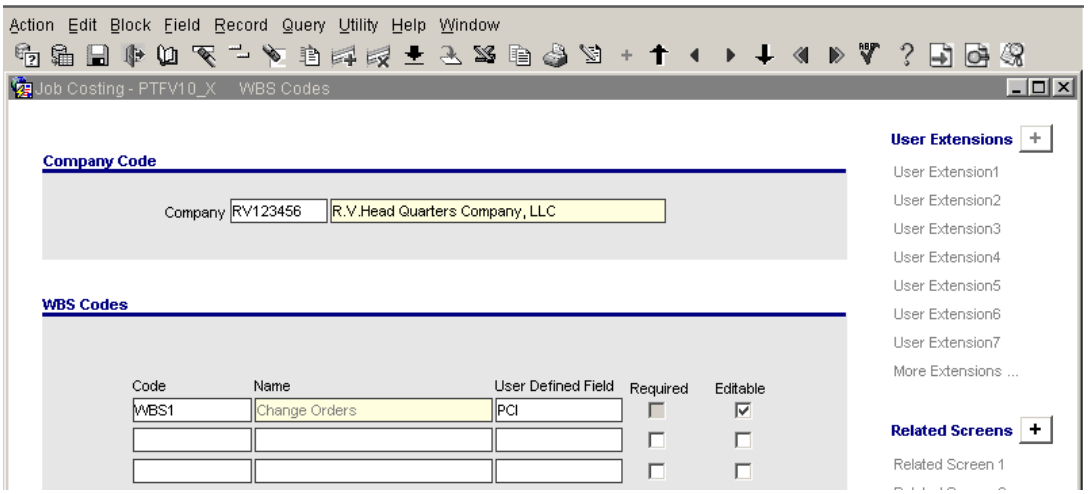


The cost detail popup that is available from Change Orders screen, displays the PCI code and line number due to the WBS code association with the subcontract detail and the subsequent cost transactions.

Restrictions



The ‘Prepare Billing Form’ is modified to filter out the contracts that are ‘PCI Billing’ type. This means, the Change Orders popup in this Contract Billing Entry Screen remains the same and does not allow PCI Detail Billing.



NOTE:

1. It is mandatory to setup WBS code with system defined PCI field for a company in order to use this functionality. If WBS codes not setup, there will be an error when accessing the Cost transactions popup.

2. Any transactions that are not associated with a PCI, may be done using “Cost Transaction” button, at group or bill code level similar to the way it is done currently.

3. WBS code with PCI filed value must be setup in order to use the cost transactions popup without error.

4. Billing Maximum Amounts functionality is not supported currently.

5. Currently, there are no changes to any query / reports reflecting the PCI Detail Billing.

Billing Preparation Forms – Privilege to Edit Reference Description in Cost Transaction Popup (12.72588)

Job Billing > Prepare Billing / G/C Prepare Billing > Cost Transactions – Currently, users are unable to edit the ‘Reference Description’ for transactions posted from various applications. Users with a new privilege assigned, will be able to edit the required reference descriptions.

Modifications:

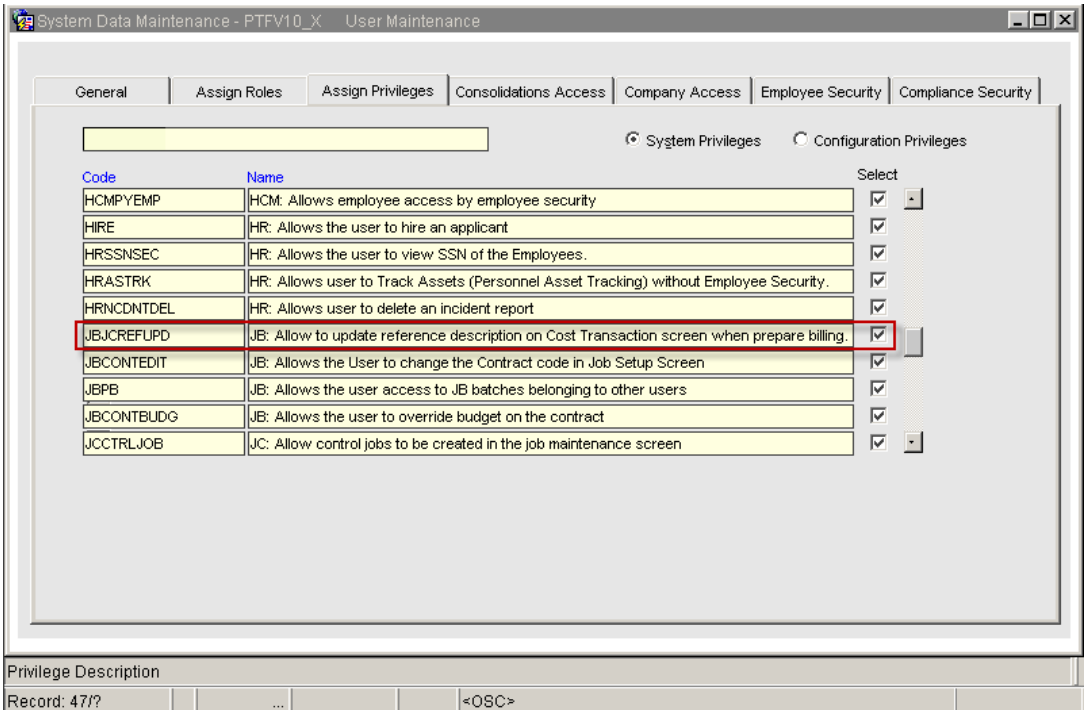
A privilege JBJCREFUPD is added to the system privileges and may be assigned to specific roles and or users. Also, Prepare Billing, G/C Prepare Billing forms, views and triggers have been modified to support this functionality.

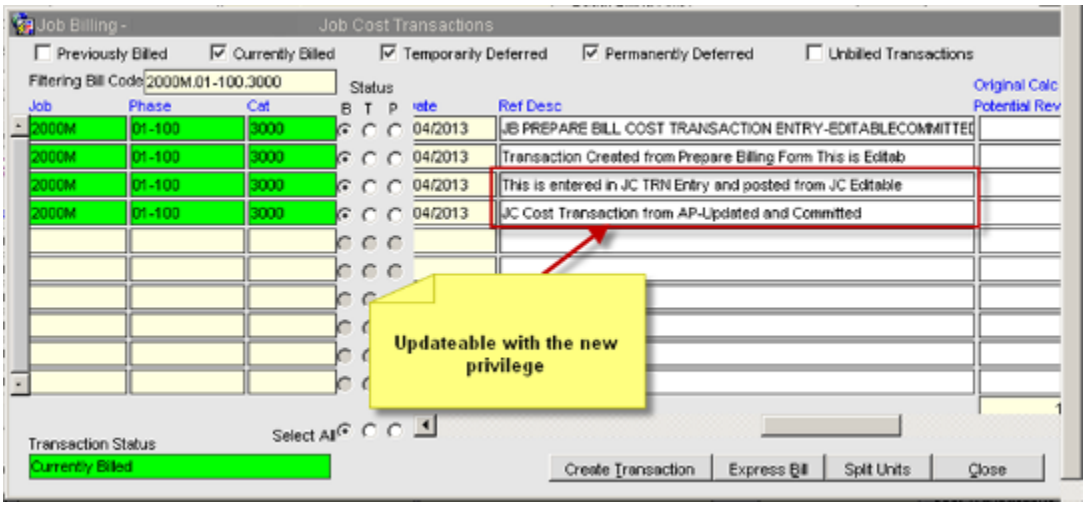
Users now have the ability, to edit the description for transactions posted from various applications such as AP, JC, SC, PY, etc. This is allowed only on un-posted draws. Once the draw is posted, it will not be possible to edit the description of such transactions.

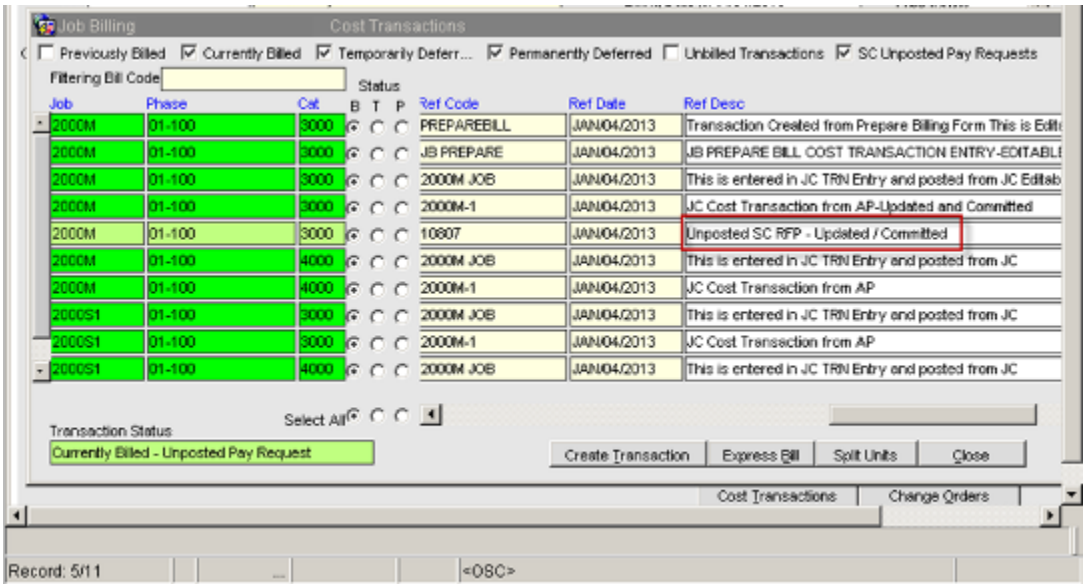
For audit purposes, the original reference description, (entered/posted from various applications) will be stored in a new database column JCDT_ORIG_REF_DESC. The updated reference description will be stored in the existing column JCDT_REF_DESC.

It must be noted that, users with the new privilege, will be able to update this field any number of times before the draw is posted and only the last update will be stored and there will not be any audit facility for these updates.

In order to support 'Include Un-posted RFP in Job Billing' functionality, the table JCDETAIL_UNPOSTED_SC_RFP is modified with the addition of a column JCDT_ORIG_REF_DESC.







IMPORTANT NOTE*:*

1. Users already have the ability, to update the description without the privilege, for only those records, created from within the Billing Preparation Forms >'Create Transactions' popup (12.70578).

JB Contracts – Gross/Net Method for Tax Calculation (12.74103)

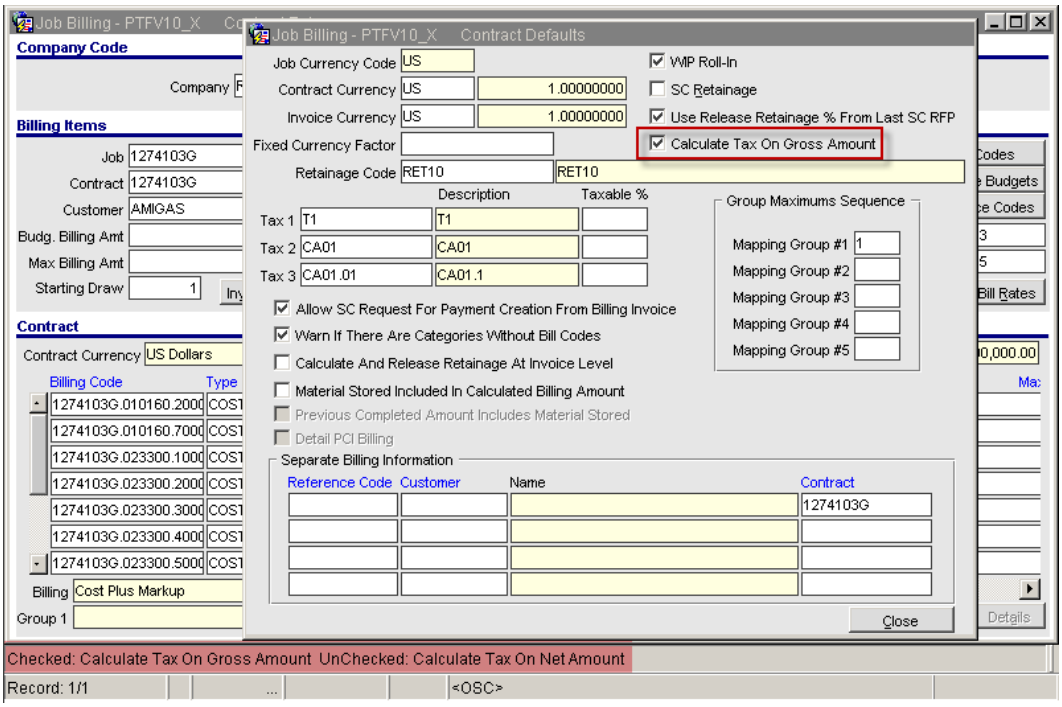
CMiC enhanced the JB Invoice posting to use either Gross or Net method for tax calculation depending on Billing Contract Setup. This allows for the case, where the taxes need to be paid in full, inclusive of the retainage during the AIA invoice creation.

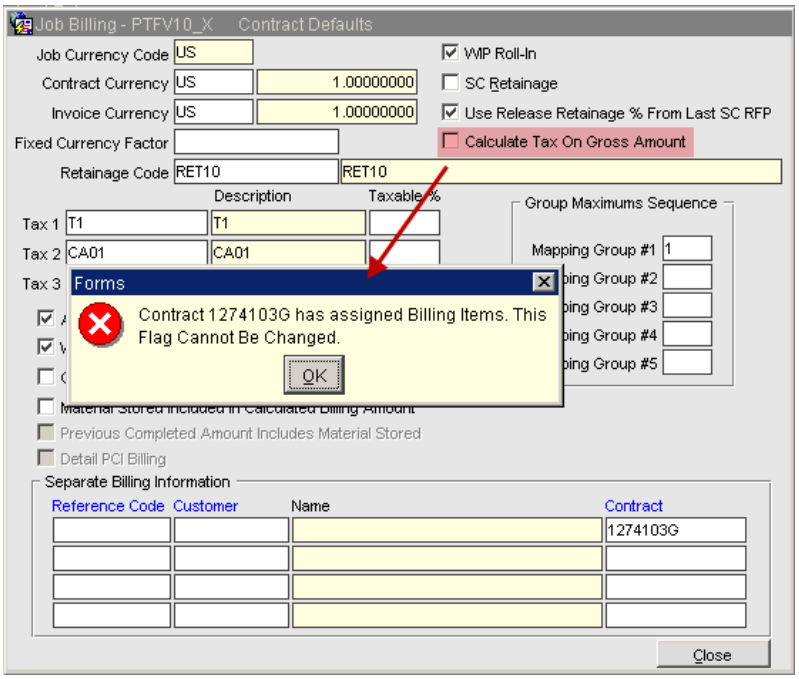
Modifications:

The Billing Contract Entry form is modified with the addition of a check box 'Calculate Tax On Gross Amount' in 'Contract Defaults' popup.

The default value is unchecked. The Billing preparation forms will follow existing functionality by calculating the taxes on the Net Amount (Billed amount less retainage). Also, when releasing the retainage amount, applicable taxes will be calculated during invoice creation.

When checked, during invoice creation, the taxes will be calculated on the 'Gross' billing amount which includes any retainage amount as well. Accordingly, when the retainage is released, the invoice posts only the release amount, since the taxes have been already calculated during the original invoice posting.

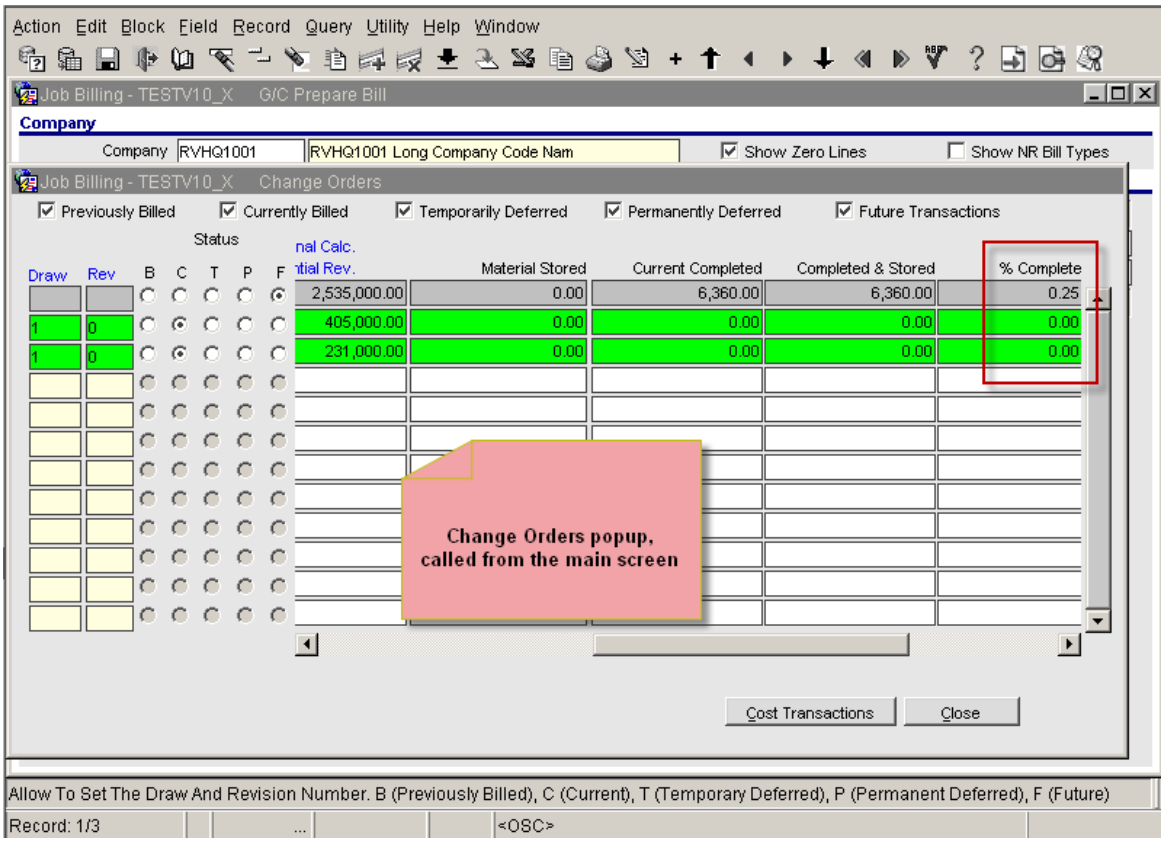




NOTE: Once there are billings generated for a Contract, users are NOT allowed to update the tax flag.

G/C Prepare Billing Form – Addition of '% complete' column to Change Orders drill down (12.74018)

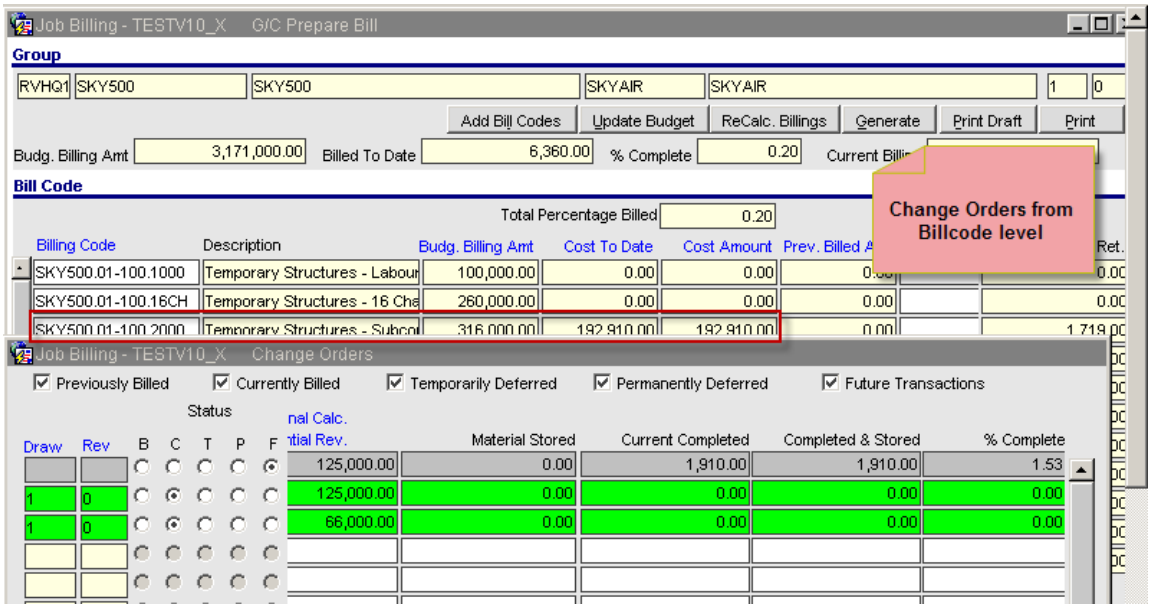
The G/C Prepare Billing Form (JBBILL2.fmx) is modified with additional ' % Complete' column in change orders drill down

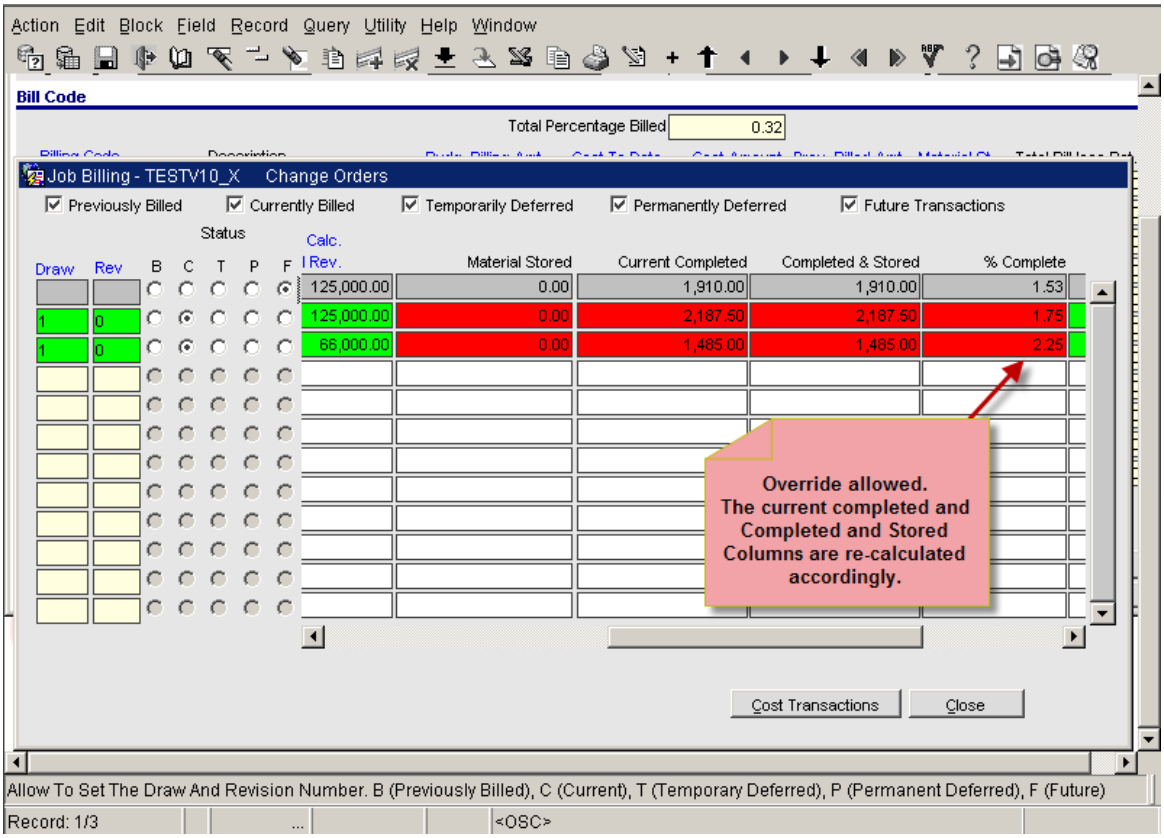


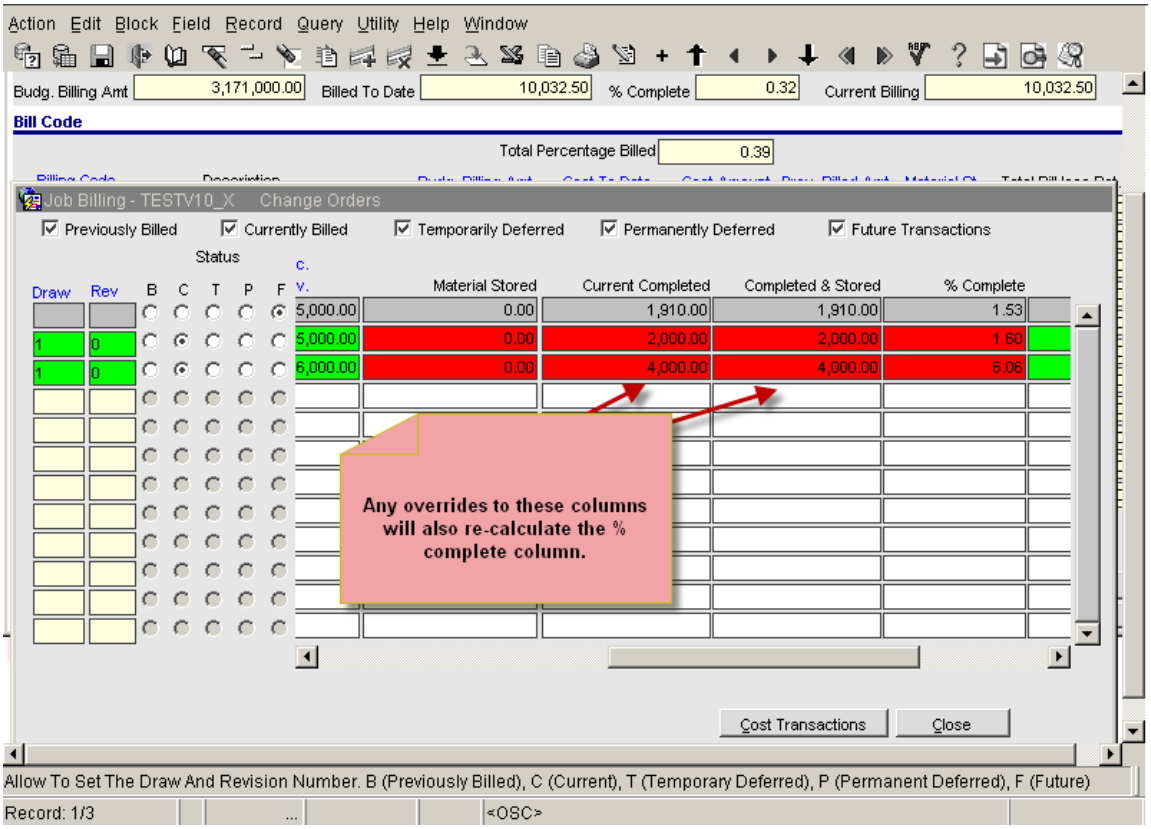
The % complete column allows override by the users. When overridden, the Current completed and the Completed & Stored columns will be recalculated accordingly. Similarly, when the amount column are overridden, the % complete will be recalculated.

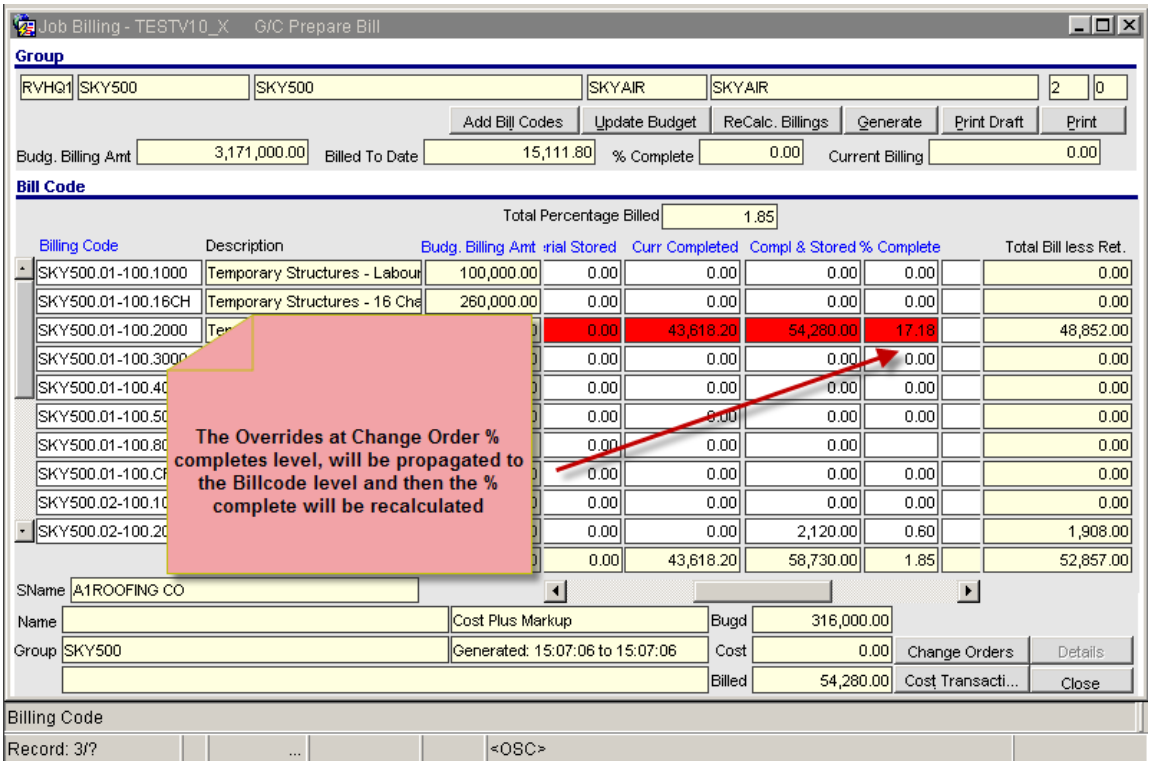
Upon exit from the 'Change Orders' popup, the 'Billcode Details' will be refreshed and the 'Current' and 'Completed & Stored' columns will be updated accordingly. The % complete will not be brought forward, but recalculated as per the completed amount update at billcode level.

The following screens show examples of user overrides and the resultant recalculation of the amount columns.


Job Billing - TESTV10_X G/C Prepare Bill
Group
RVHQ1 SKY500 SKY500 SKYAIR SKYAIR 1 0
Add Bill Codes Update Budget ReCalc. Billings Generate Print Draft Print
Budg. Billing Amt 3,171,000.00 Billed To Date 6,360.00 % Complete 0.20
Bill Code
Total Percentage Billed 0.20
Billing Code Description Budg. Billing Amt Cost To Date Cost Amount Prev. Billed A
SKY500.01-100.1000 Temporary Structures - Labour 100,000.00 0.00 0.00
SKY500.01-100.16CH Temporary Structures - 16 Cha 260,000.00 0.00 0.00 0.00
SKY500.01-100.2000 Temporary Structures - Subcol 316,000.00 192,910.00 192,910.00 0.00
Change Orders from Billcode level
Job Billing - TESTV10_X Change Orders
Previously Billed Currently Billed Temporarily Deferred Permanently Deferred Future Transactions
Status
Draw Rev B C T P F Material Stored Current Completed Completed & Stored % Complete
125,000.00 0.00 1,910.00 1,910.00 1.53
1 0 125,000.00 0.00 0.00 0.00 0.00
1 0 66,000.00 0.00 0.00 0.00 0.00


Action Edit Block Field Record Query Utility Help Window
Bill Code
Total Percentage Billed 0.32
Job Billing - TESTV10_X Change Orders
Previously Billed Currently Billed Temporarily Deferred Permanently Deferred Future Transactions
Status
Draw Rev B C T P F Material Stored Current Completed Completed & Stored % Complete
125,000.00 0.00 1,910.00 1,910.00 1.53
1 0 125,000.00 0.00 2,187.50 2,187.50 1.75
1 0 66,000.00 0.00 1,485.00 1,485.00 2.25
Override allowed. The current completed and Completed and Stored Columns are re-calculated accordingly.
Cost Transactions Close
Allow To Set The Draw And Revision Number. B (Previously Billed), C (Current), T (Temporary Deferred), P (Permanent Deferred), F (Future)
Record: 1/3
<OSC>


Action Edit Block Field Record Query Utility Help Window
Budg. Billing Amt 3,171,000.00
Billed To Date 10,032.50
% Complete 0.32
Current Billing 10,032.50
Bill Code
Total Percentage Billed 0.39
Job Billing - TESTV10_X Change Orders
Previously Billed
Currently Billed
Temporarily Deferred
Permanently Deferred
Future Transactions
Status
Draw
Rev
B C T P F
Material Stored
Current Completed
Completed & Stored
% Complete
5,000.00 0.00 1,910.00 1,910.00 1.53
5,000.00 0.00 2,000.00 2,000.00 1.60
6,000.00 0.00 4,000.00 4,000.00 6.06
Any overrides to these columns will also re-calculate the % complete column.
Cost Transactions
Close
Allow To Set The Draw And Revision Number. B (Previously Billed), C (Current), T (Temporary Deferred), P (Permanent Deferred), F (Future)
Record: 1/3
<OSC>


Job Billing - TESTV10_X G/C Prepare Bill
Group
RVHQ1 SKY500 SKY500 SKYAIR SKYAIR 2 0
Add Bill Codes
Update Budget
ReCalc. Billings
Generate
Print Draft
Print
Budg. Billing Amt 3,171,000.00
Billed To Date 15,111.80
% Complete 0.00
Current Billing 0.00
Bill Code
Total Percentage Billed 1.85
Billing Code
Description
Budg. Billing Amt
Curr Completed
Compl & Stored
% Complete
Total Bill less Ret.
SKY500.01-100.1000 Temporary Structures - Labour 100,000.00 0.00 0.00 0.00 0.00 0.00
SKY500.01-100.16CH Temporary Structures - 16 Cha 260,000.00 0.00 0.00 0.00 0.00 0.00
SKY500.01-100.2000 0.00 43,618.20 54,280.00 17.18 48,852.00
SKY500.01-100.3000 0.00 0.00 0.00 0.00 0.00
SKY500.01-100.40 0.00 0.00 0.00 0.00 0.00
SKY500.01-100.50 0.00 0.00 0.00 0.00 0.00
SKY500.01-100.80 0.00 0.00 0.00 0.00
SKY500.01-100.CH 0.00 0.00 0.00 0.00 0.00
SKY500.02-100.10 0.00 0.00 0.00 0.00 0.00
SKY500.02-100.20 0.00 0.00 2,120.00 0.60 1,908.00
0.00 43,618.20 58,730.00 1.85 52,857.00
The Overrides at Change Order % completes level, will be propagated to the Billcode level and then the % complete will be recalculated
SName A1ROOFING CO
Name
Cost Plus Markup
Bugd 316,000.00
Group SKY500
Generated: 15:07:06 to 15:07:06
Cost 0.00
Change Orders
Details
Billed 54,280.00
Cost Transacti...
Close
Billing Code
Record: 3/?
<OSC>

NOTE: The Job Billing Contract must be set as 'PCI Detail Billing' type in-order to access the amount columns and the newly created % complete column.

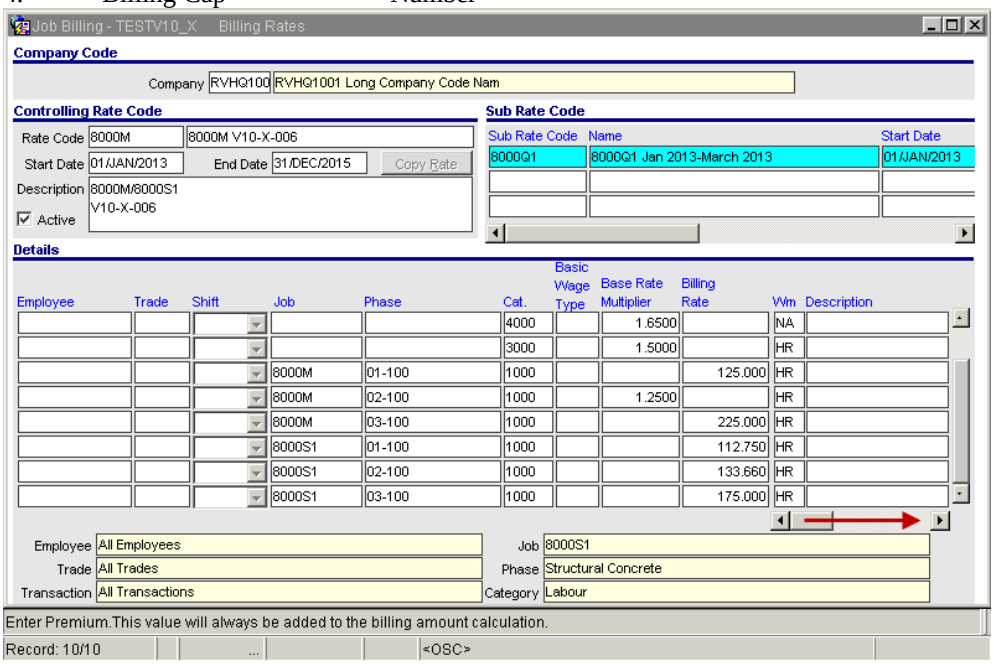
Modifications to Billing Rate table with additional 'Markup', 'Premium' & Billing Cap amounts (12.68722)

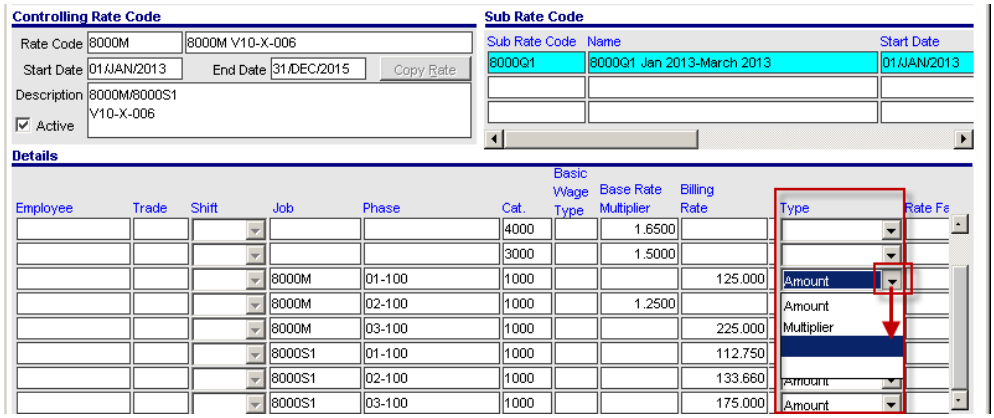
The Job Billing Rate table is modified to allow for a markup and an additional premium (on top of the markup) to the billing rate. Also, users will have the ability to cap the billing amount with this modification.

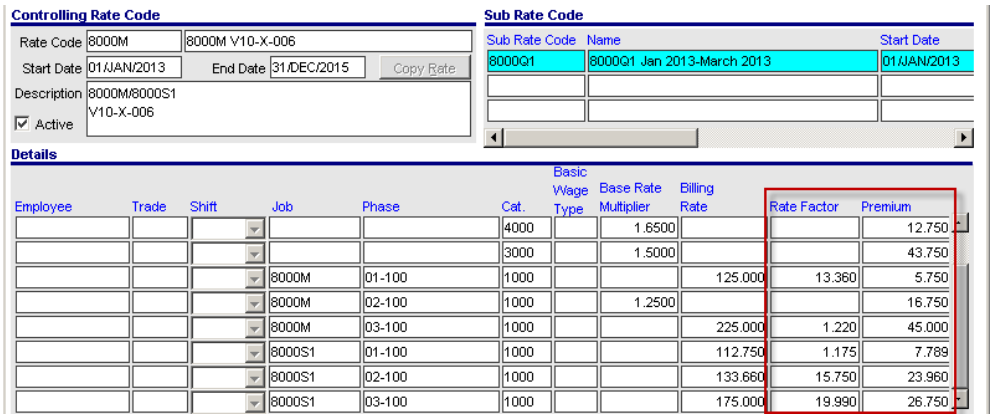
Modifications

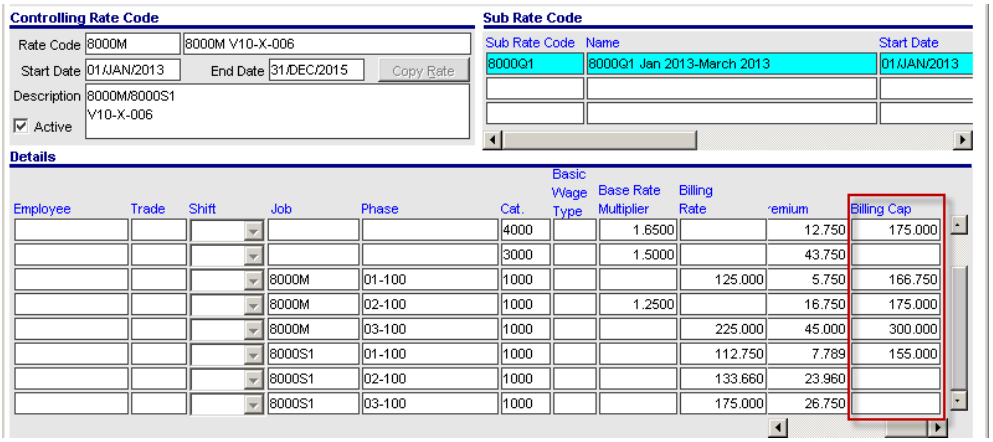
The Billing Rate Maintenance Form (JBRATE.fmx) is modified with the addition of the following columns.

1.	Type	Drop Down List	Null, Amount, Multiplier
2.	Rate Factor	Number	Number (16,8)
3.	Premium	Number	Number (16,8)
4.	Billing Cap	Number	









1. Markup Type:

The 'Markup Type' is enterable, only when the Base Billing Rate is entered. The additional markup type may be specified by selecting the required value from the list. The default is null and other available values are 'Amount' and 'Multiplier'.

2. Rate Factor:

The 'Rate Factor' is enterable, only when the Base Billing Rate is entered and the 'Type' is NOT null.
The Type & Rate Factor columns go together in the calculation of billing amounts.

3. Premium:

Enter the 'Premium' value as required. The premium is always added on top of the calculated billing rate.

4. Billing Cap:

The 'Billing Cap' amount column allows the users to set a cap amount. This field may be left as null, which means there is no billing cap applicable and the calculated billing rate will be used during postings.
If 'Calculated Billing Rate' is greater than the 'Billing Cap' then the Calculated Billing Rate will be equal to the Billing Cap.

Summary of the Billing Rate Calculation:

The following is the summary of the calculation logic for the Job Billing amount per Weight Measure.

1. When NOT using the newly created columns, the existing logic of calculation of billing amount is followed during the posting processes.
    a. When Base Rate Multiplier is used,
        i. Billing Rate = Cost Rate * Base Rate Multiplier
    b. When Billing Rate is used,
        i. Billing Rate = Base Billing Rate

2. When Base Billing Rate is entered,
    a. If the Markup Type is selected as 'Amount'
        i. New Billing Rate = Base Billing Rate + Rate Factor + Premium
    b. If the Markup Type is 'Multiplier'
        i. New Billing Rate = (Base Billing Rate * Rate factor) + Premium
    c. If the Markup Type/Rate Factor are NOT used
        i. New Billing Rate = Base Billing Rate + Premium

3. When Base Billing Multiplier is entered,
    i. New Billing Rate = (Cost Rate * Base Rate Multiplier) + Premium
    (Note that the Type/Rate Factor columns are NOT applicable when using Base Billing Rate Multiplier)

Example:

The following Billing Rate calculations are based on a unit rate (say employee pay rate) of $100 for one unit (Say One Hour)

No.	Emp	Job	Phase	Cat.	Base Rate Multiplier	Billing Rate	WM	Type	Rate Factor	Premium	Billing Cap
1					1.150		NA			9.999	
2				5000	1.275		NA			14.999	150.000
3				7000	1.650		NA			12.750	175.000
4				3000	1.500		HR			43.750	
5		8000M	01-100	1000		125.000	HR	Amount	13.360	5.750	166.750
6		8000M	02-100	1000	1.250					16.750	175.000
7		8000M	03-100	1000		225.000		Multiplier	1.220	45.000	300.000
8		8000S1	01-100	1000		112.750		Multiplier	1.175	7.789	155.000
9		8000S1	02-100	1000		133.660		Amount	15.750	23.960	
10		8000S1	03-100	1000		175.000		Amount	19.990	26.750	

1. Billing Rate = (100 * 1.150) + 9.999 = 124.999
2. Billing Rate = (100 * 1.275) + 14.999 = 142.499
3. Billing Rate = (100 * 1.650) + 12.750 = 177.75 (Billing Cap 175.000 will be applied)
4. Billing Rate = (100 * 1.500) + 43.750 = 193.750
5. Billing Rate = (125.000 + 13.360 + 5.750 = 144.110
6. Billing Rate = (100 * 1.250) + 16.750 = 141.750
7. Billing Rate = (225 * 1.220) + 45.000 = 319.500 (Billing Cap 300.000 will be applied)
8. Billing Rate = (112.750 * 1.175) + 7.789 = 140.270
9. Billing Rate = (133.660 + 15.750) + 23.960 = 173.37
10. Billing Rate = (175.000 + 19.990) + 26.750 = 221.74

Modified programs:

The following programs are modified and are custom for the customer version.

1. JB Prepare Billing Program (jbbill.fmx)
2. JB G/C Prepare Billing Program (jbbill2.fmx)
3. JB Job Billing Rate Maintenance (jbrate.fmx)
4. JB 'Recalculate Billing Rate' utility (jbrecal.fmx)
5. JC 'Foreign Batch' Import utility (jcfbchld.fmx)

The following packages are modified to support this functionality

1. jb_billing_rates.pb
2. jb_rate.pb
3. jbprep.pb
4. jcpost.pb

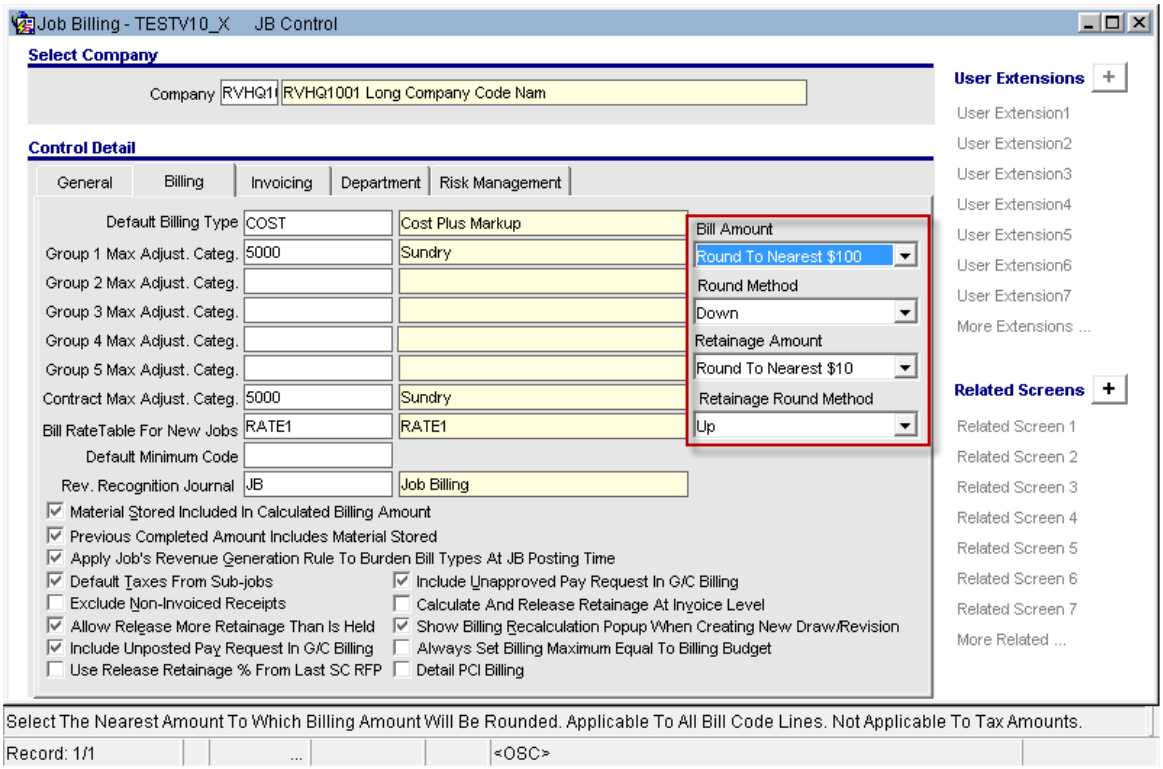
5. pyrate.pb

Rounding of Billing & Retention Amounts in G/C Prepare Billing
(13.78785)

The **'G/C Prepare Billing' program** is modified to follow Contract Specific Rounding Methods for Billing & Retention amounts.

This modification allows users set a control on rounding methods and automate their billing invoice generation as required. For example, Government jobs/contracts may demand that every billing/retainage amount calculated is accurate to a penny, on the contrary some private jobs may require the amounts be rounded to a nearest 1s, 10s, 100s, and 1000s and so on.

Implementation:



JB Control Screen (JBCTRL.fmx)

The JB Control is modified with the addition of four new drop down lists for defining the rounding method.

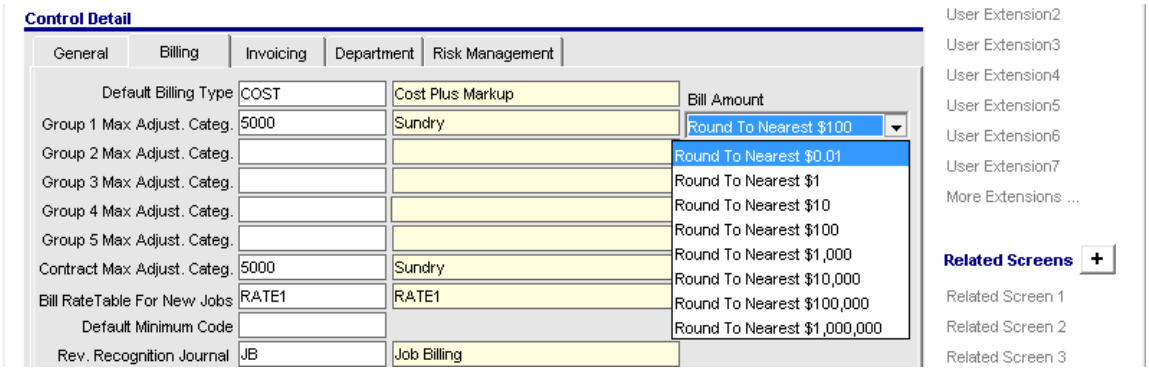
The values set here will serve as defaults, when creating new billing contracts in JB Contract Entry and creating directly from 'Assign Phases' screen.

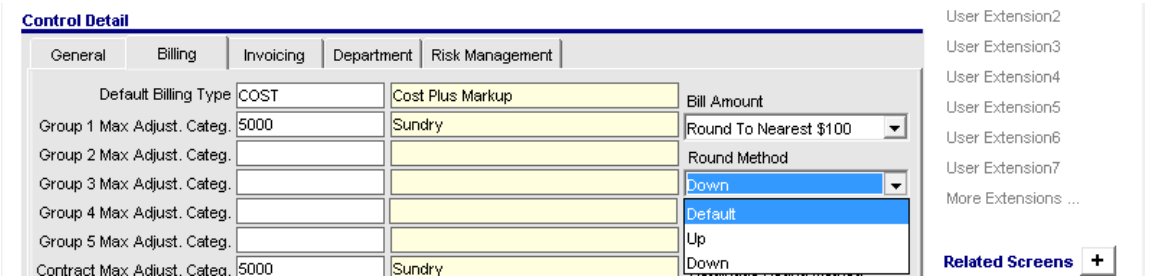
1. Bill Amount Rounding Precision (8 options - From $0.01 to $1,000,000)

2. Rounding Method for Bill Amount (3 options - Default, Up & Down)

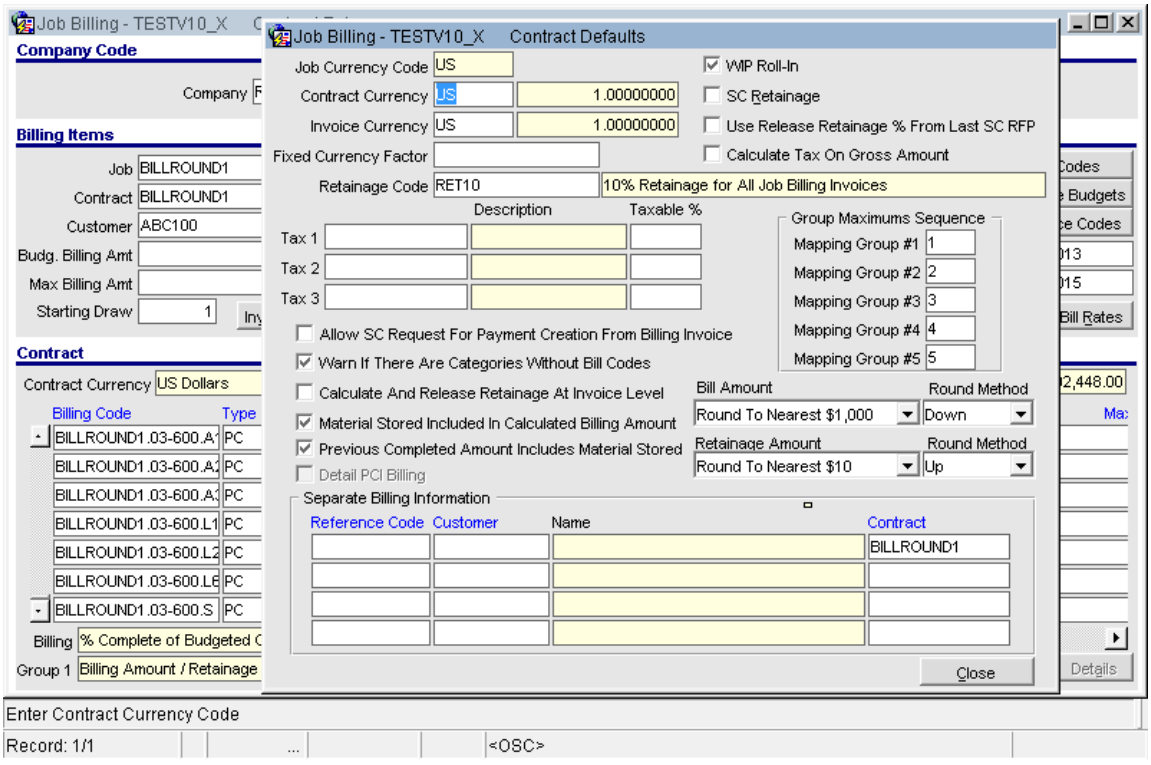
3. Retainage Amount Rounding Precision (8 options From $0.01 to $1,000,000)

4.Rounding Method for Retainage Amount (3 options - Default, Up & Down)



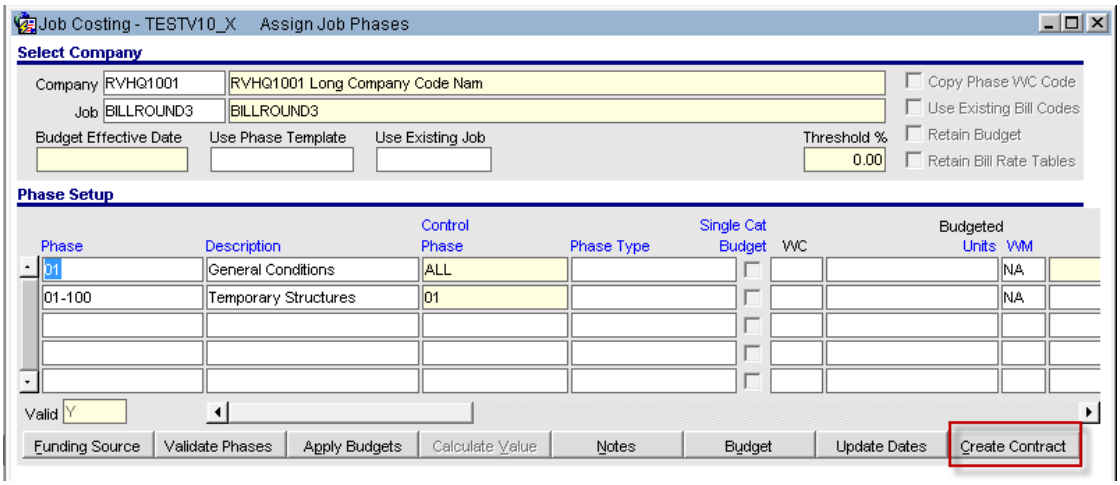


Billing Contract Entry



JB Contract Entry Screen (JBCONT.fmx)

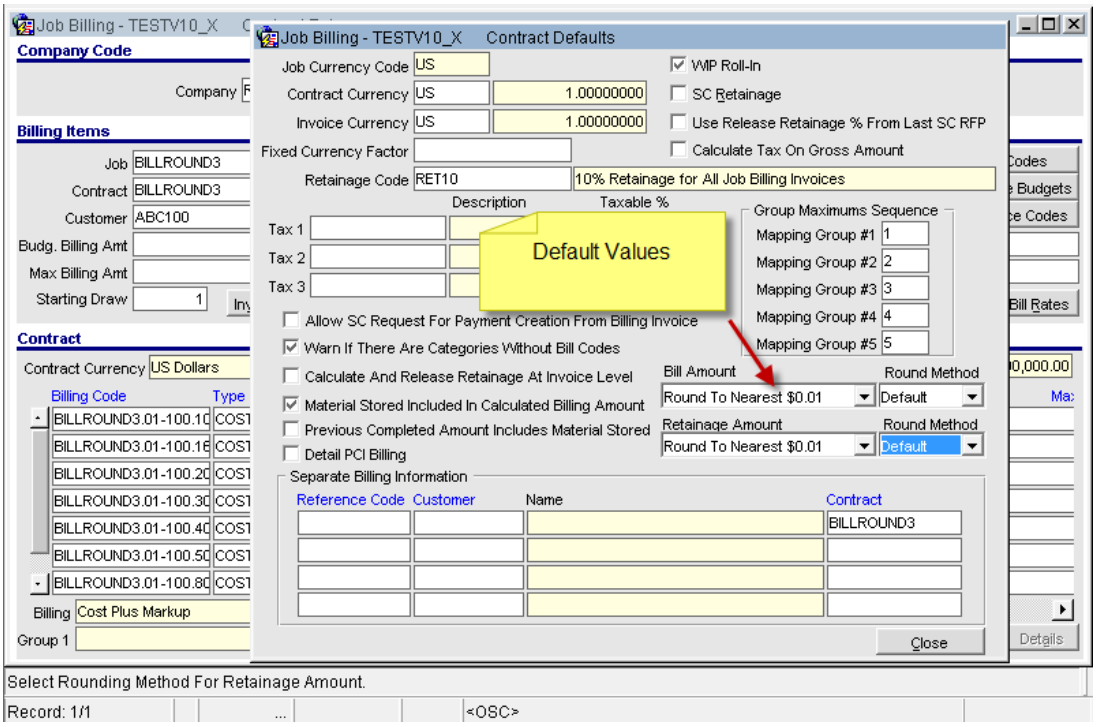
The JB Contract Entry screen > Defaults popup is modified with identical drop down lists as described above and default the values from the JB Control file when creating new contracts.

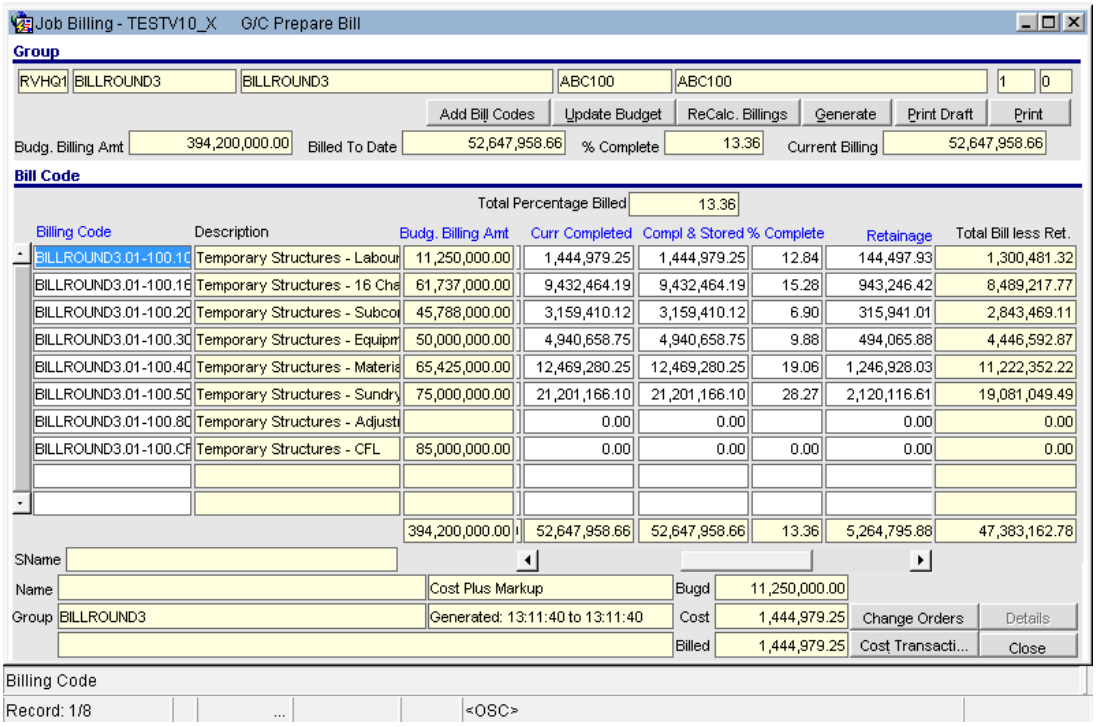


JC Assign Phases Screen (JCPRODSU.fmx)

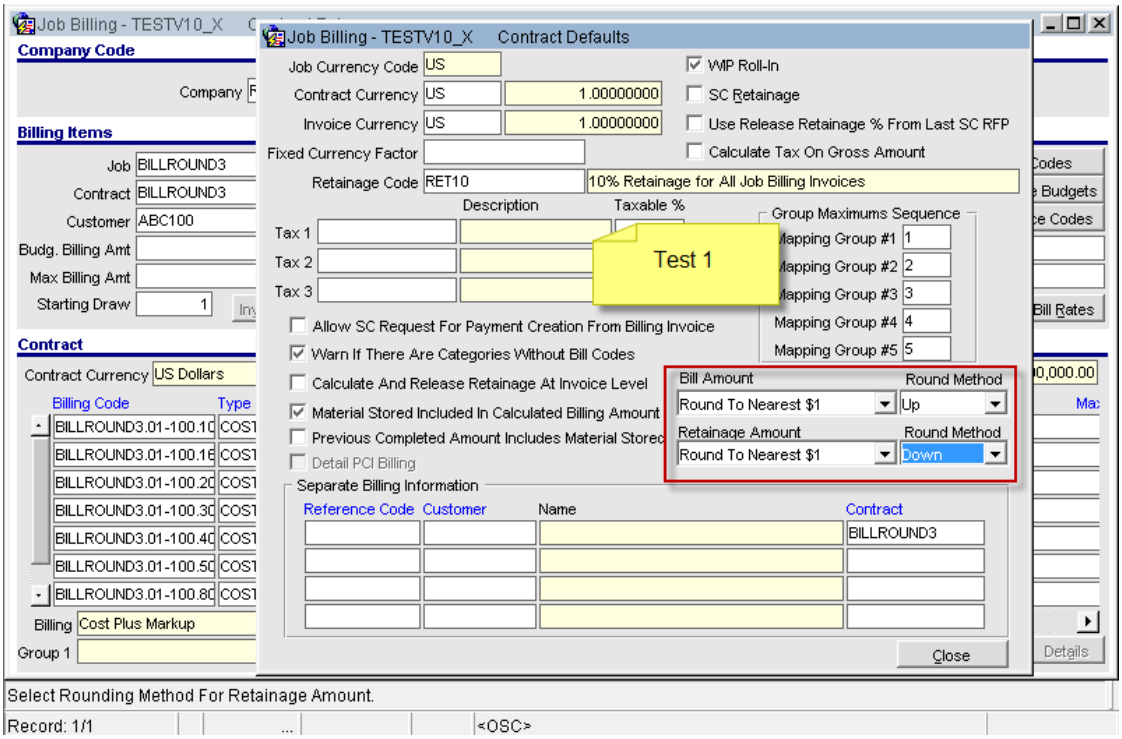
The JC Assign Phases screen > [Create Contract] function is also modified to take note of the JB Control rounding methods and default the values into the newly created contracts.

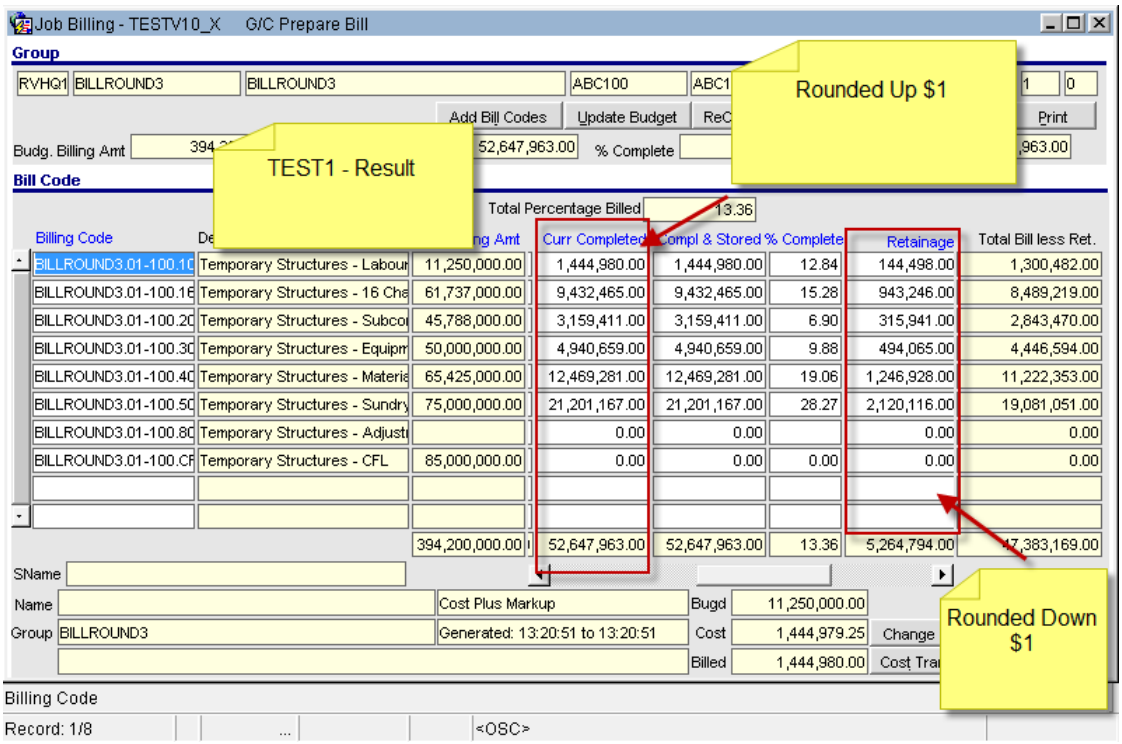
Test case:

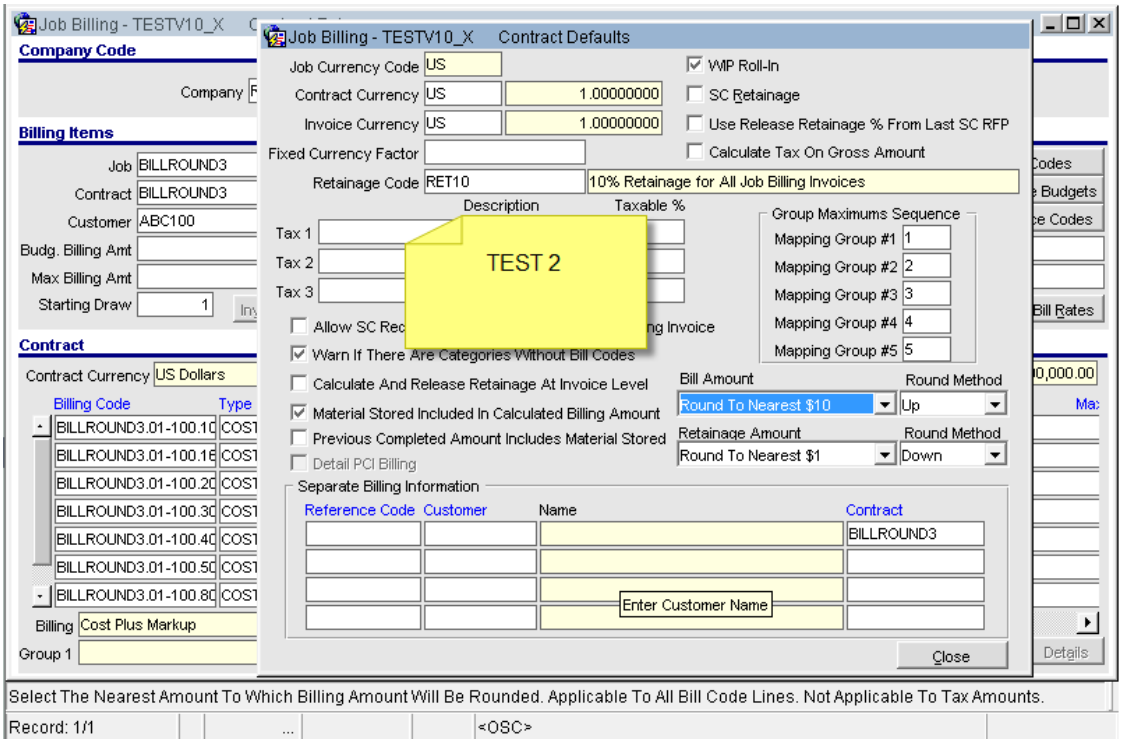


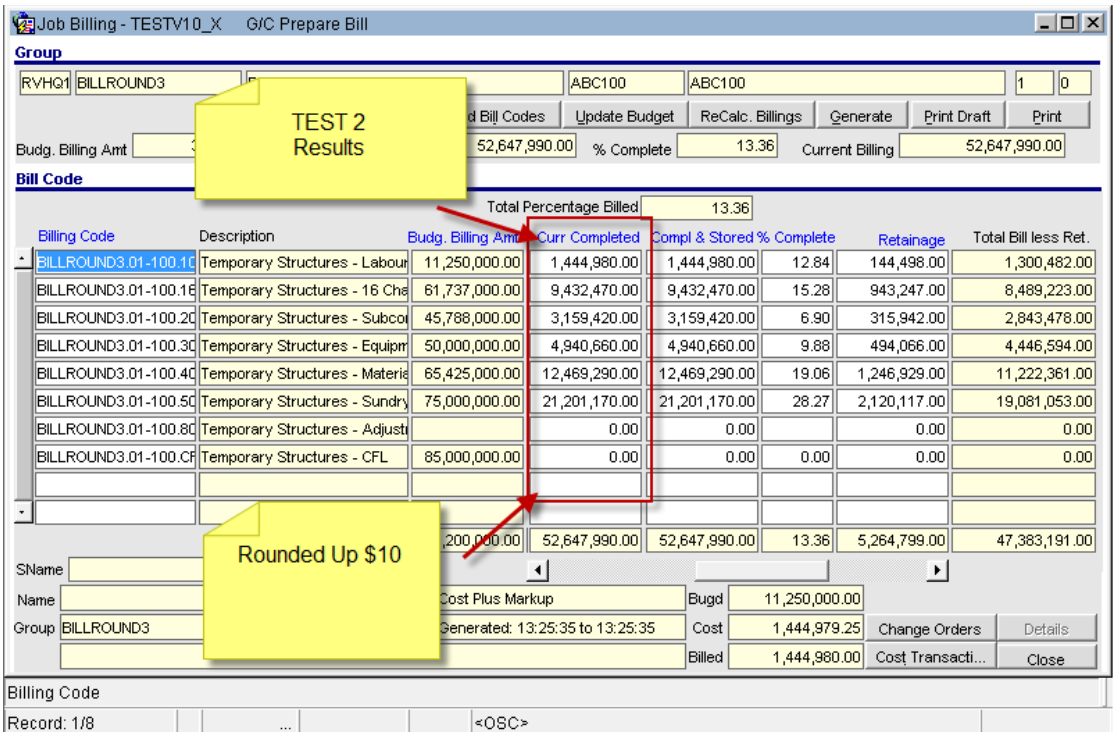


The G/C Prepare Billing Form generates the Billed/Retainage amounts with default rounding method, which means there is no change to the existing functionality.

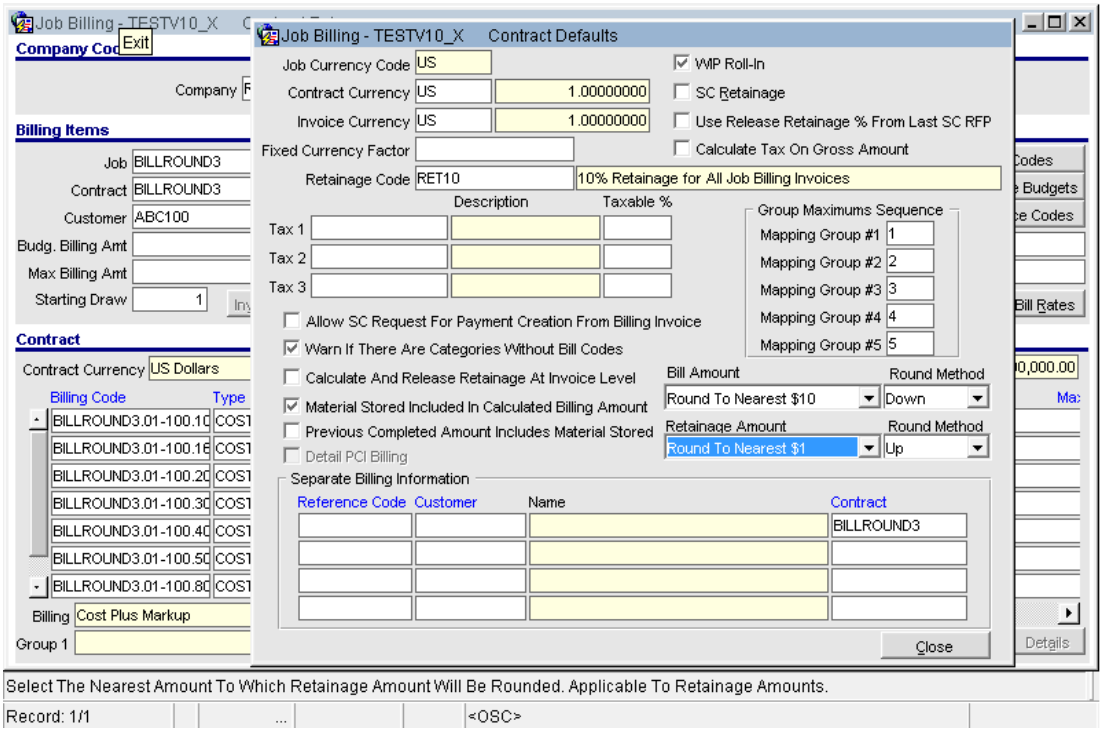


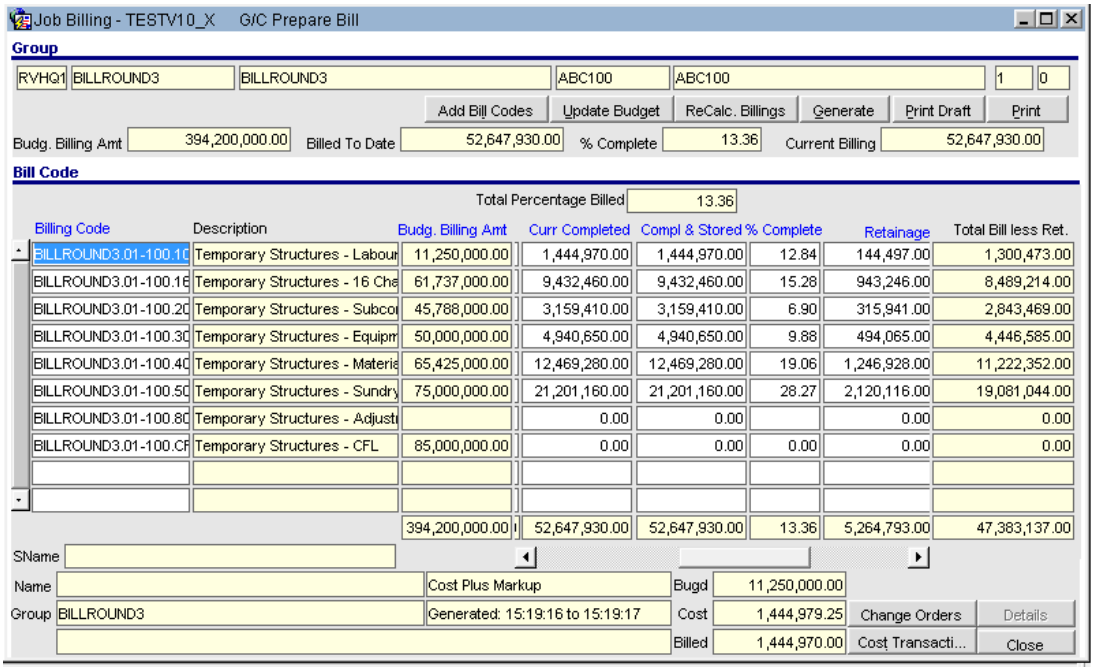

Job Billing - TESTV10_X G/C Prepare Bill
Group
RVHQ1 BILLROUND3 BILLROUND3 ABC100
Add Bill Codes Update Budget
Budg. Billing Amt
52,647,963.00 % Complete
Print
Bill Code
Total Percentage Billed 13.36
Billing Code
Curr Completed
Compl & Stored
% Complete
Retainage
Total Bill less Ret.
BILLROUND3.01-100.10 Temporary Structures - Labour 11,250,000.00 1,444,980.00 1,444,980.00 12.84 144,498.00 1,300,482.00
BILLROUND3.01-100.16 Temporary Structures - 16 Cha 61,737,000.00 9,432,465.00 9,432,465.00 15.28 943,246.00 8,489,219.00
BILLROUND3.01-100.20 Temporary Structures - Subco 45,788,000.00 3,159,411.00 3,159,411.00 6.90 315,941.00 2,843,470.00
BILLROUND3.01-100.30 Temporary Structures - Equipm 50,000,000.00 4,940,659.00 4,940,659.00 9.88 494,065.00 4,446,594.00
BILLROUND3.01-100.40 Temporary Structures - Materia 65,425,000.00 12,469,281.00 12,469,281.00 19.06 1,246,928.00 11,222,353.00
BILLROUND3.01-100.50 Temporary Structures - Sundry 75,000,000.00 21,201,167.00 21,201,167.00 28.27 2,120,116.00 19,081,051.00
BILLROUND3.01-100.80 Temporary Structures - Adjust 0.00 0.00 0.00 0.00 0.00
BILLROUND3.01-100.CF Temporary Structures - CFL 85,000,000.00 0.00 0.00 0.00 0.00 0.00
394,200,000.00 52,647,963.00 52,647,963.00 13.36 5,264,794.00
SName
Name Cost Plus Markup Bugd 11,250,000.00
Group BILLROUND3 Generated: 13:20:51 to 13:20:51 Cost 1,444,979.25 Change
Billed 1,444,980.00
Billing Code
Record: 1/8
<OSC>
TEST1 - Result
Rounded Up $1
Rounded Down $1


Job Billing - TESTV10_X
Company Code
Billing Items
Job BILLROUND3
Contract BILLROUND3
Customer ABC100
Budg. Billing Amt
Max Billing Amt
Starting Draw 1
Contract
Contract Currency US Dollars
Billing Code Type
Billing Cost Plus Markup
Group 1
Job Billing - TESTV10_X Contract Defaults
Job Currency Code US
Contract Currency US 1.00000000
Invoice Currency US 1.00000000
Fixed Currency Factor
Retainage Code RET10 10% Retainage for All Job Billing Invoices
Description Taxable %
Tax 1
Tax 2
Tax 3
Allow SC Rec
Warn If There Are Categories Without Bill Codes
Calculate And Release Retainage At Invoice Level
Material Stored Included In Calculated Billing Amount
Previous Completed Amount Includes Material Stored
Detail PCI Billing
WIP Roll-In
SC Retainage
Use Release Retainage % From Last SC RFP
Calculate Tax On Gross Amount
Group Maximums Sequence
Mapping Group #1 1
Mapping Group #2 2
Mapping Group #3 3
Mapping Group #4 4
Mapping Group #5 5
Bill Amount Round Method
Round To Nearest $10 Up
Retainage Amount Round Method
Round To Nearest $1 Down
Separate Billing Information
Reference Code Customer Name Contract
BILLROUND3
Enter Customer Name
Close
Select The Nearest Amount To Which Billing Amount Will Be Rounded. Applicable To All Bill Code Lines. Not Applicable To Tax Amounts.
Record: 1/1
<OSC>
TEST 2

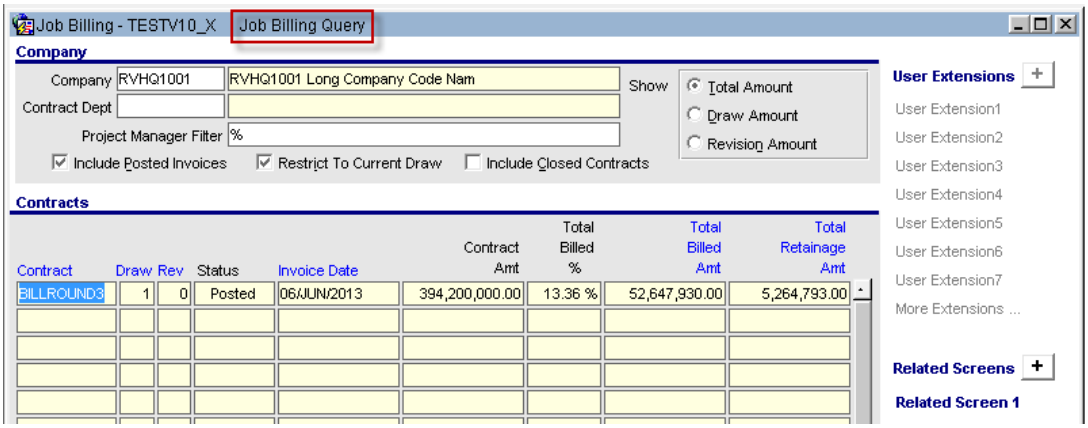


The following series of screen prints show the G/C Prepare Bill rounding down the Billed Amount to nearest $10 and the retainage amount rounding up to nearest $1 and the resultant query/report screens.

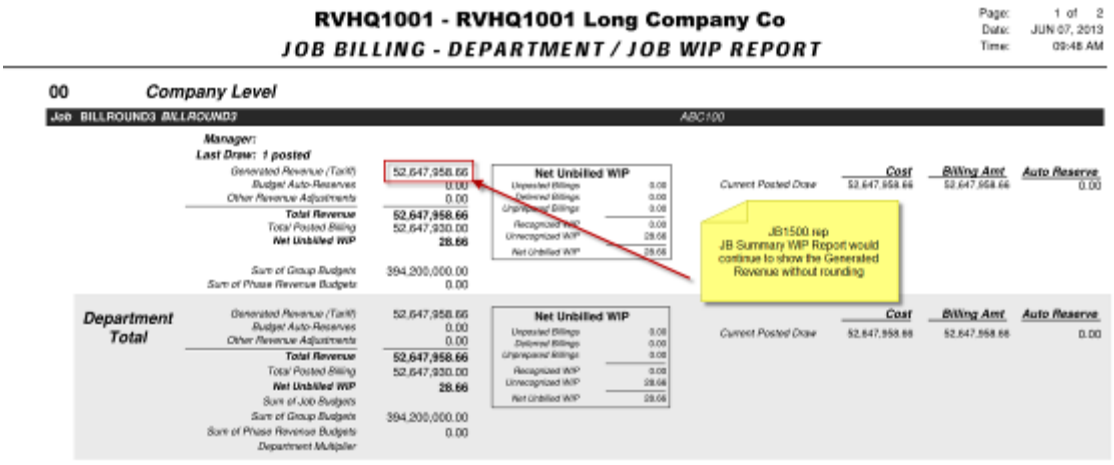


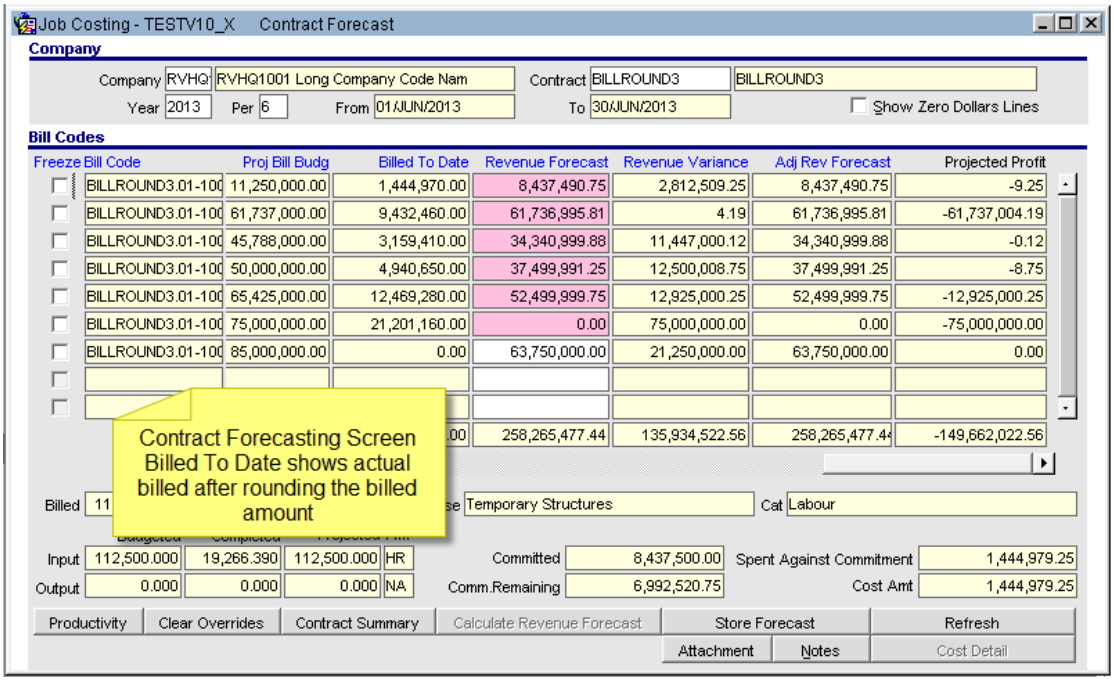


Job Billing Query:



Job Billing Query shows the posted billed/retainage amounts which is clearly after rounding applied.





Important Notes:

The default values for JB Control in all the companies for Amounts is set as 'Round to Nearest $0.01' and the rounding method is set as 'Default'. This ensures that the JB Invoice generation will continue to function as per existing logic and there is no change due to this modification.

All existing Billing Contracts in CMiC will also be populated with the same default values.

Creating new Billing Contracts will inherit the prevailing values from the JB Control file, which users will be able to update.

Users must be aware that the Current Completed Amount is the one which is rounded first and based on this column, the current retainage amount is calculated and then rounded. This rounding does recalculate the % complete, based on the rounded amounts and will be reflected in all queries / reports.

The Billing Contract Entry > Defaults > 'Rounding' options fields may be secured with field security as well, if required.

Recalculate Billing Rate Utility modifications (13.77646)

The Recalculate Job Billing Rate utility currently does NOT recalculate the amounts, if a job is set to use 'Equipment' and/or 'Payroll' Bill Rates.

With this modification, the job billing amounts are recalculated even when the 'Use Equipment/Payroll Bill Rates' flags are checked on the job file, but by excluding those transactions that use the Equipment/Payroll Bill Rates.

Modifications:

The following rules apply when the Recalculate Billing Rate Utility is used.

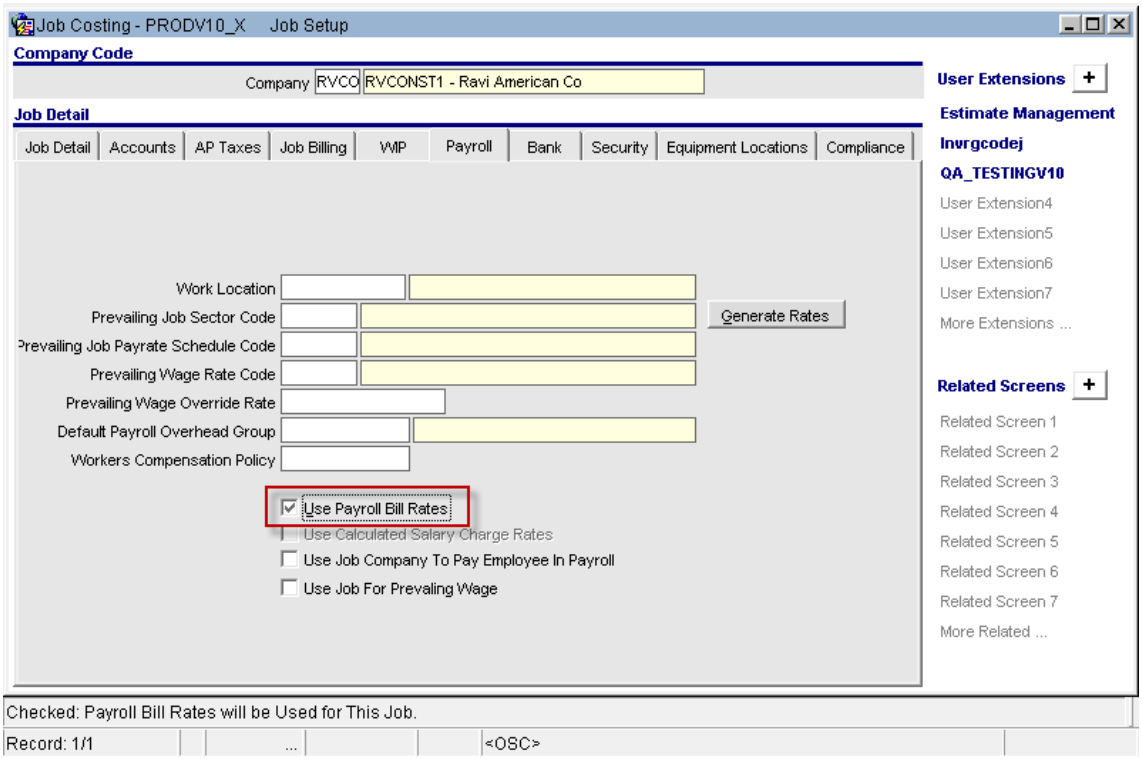
1) If both 'Use Payroll' and 'Use Equipment' billing rate flags are UN-CHECKED on the job, then all transactions will be included during the recalculation.

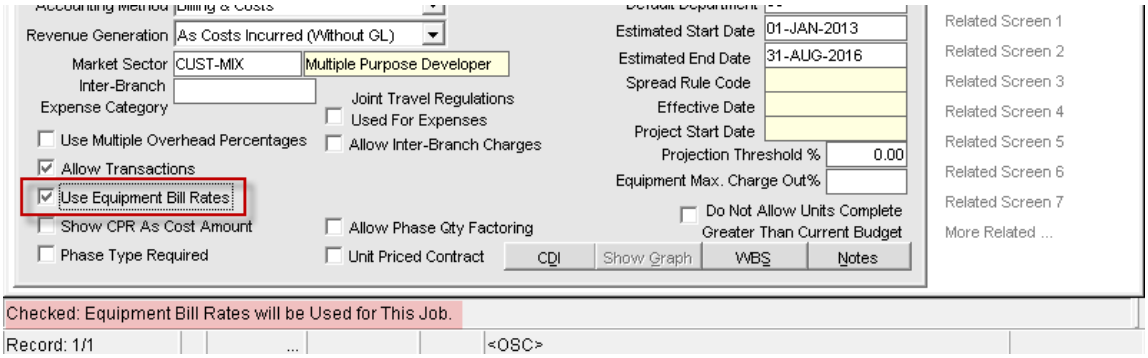
2) If both 'Use Payroll' and 'Use Equipment' billing rate flags are CHECKED on the job, then only Non-Payroll/Non-Equipment transactions are to be included in the recalculation.

3) If only 'Use Payroll' bill rates flag is CHECKED, then all Non-Payroll transactions will be included in the recalculation.

4) If only 'Use Equipment' bill rates flag is CHECKED, then all Non-Equipment transactions will be included in the recalculation.

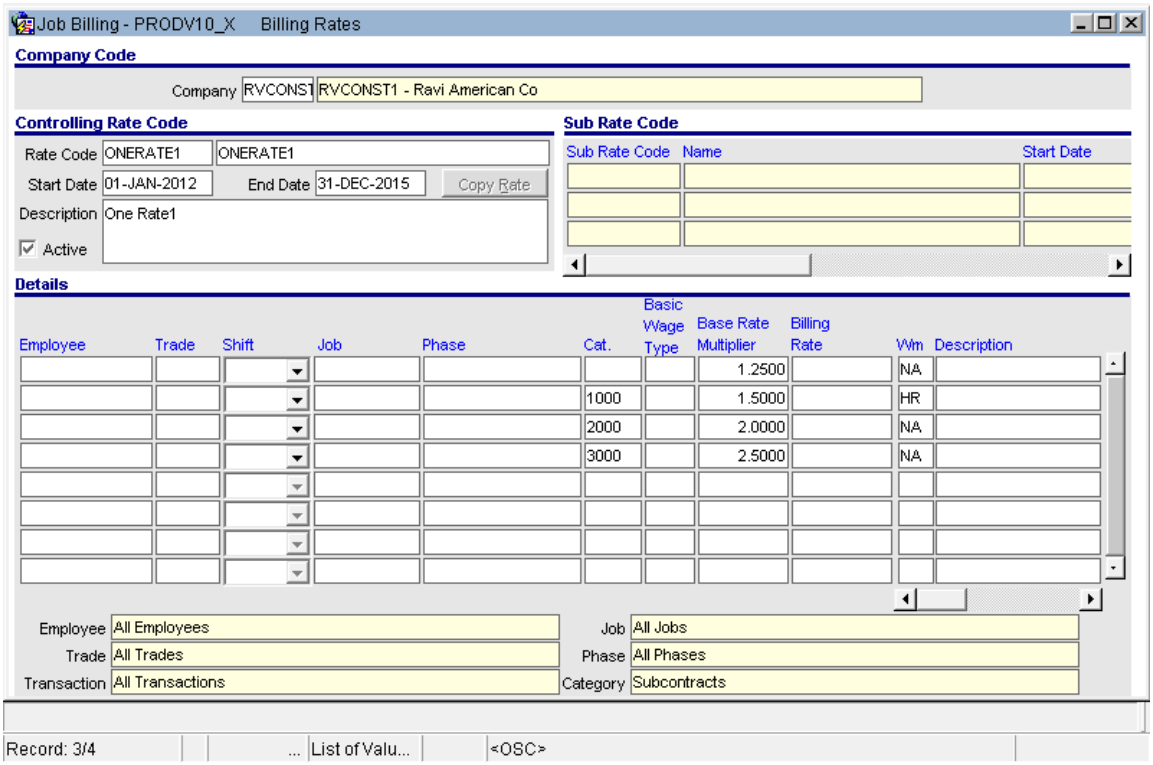
The following Screens show the details of the modifications:



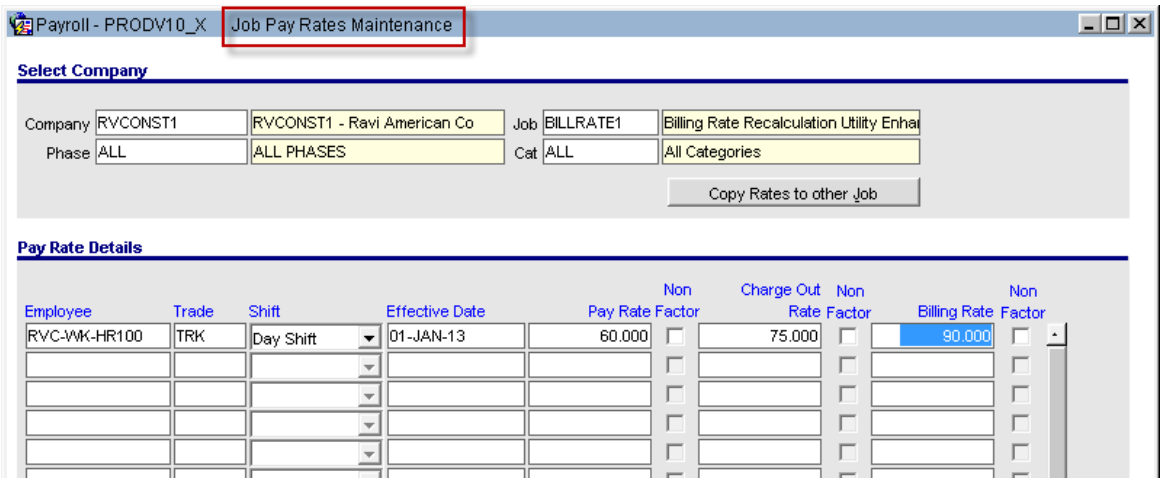


Test case:

The Job Setup has the 'Use Equipment Bill Rates' & 'Use Payroll Bill Rates' flags CHECKED.



The Job Billing Rates are defined as shown above.



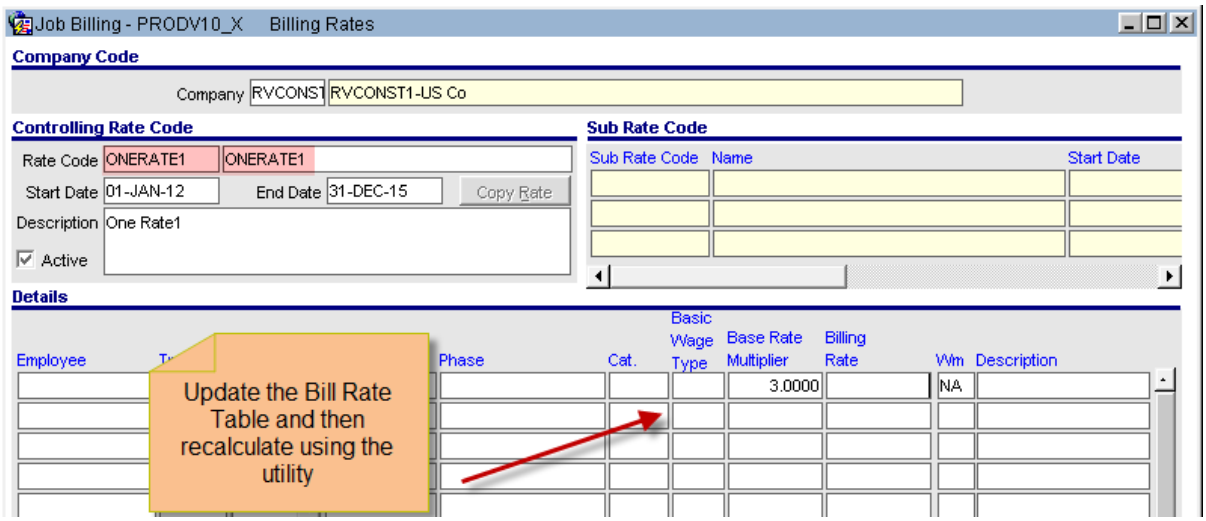
Payroll Billing Rates are defined as well.

A	B	C	D	G	K	L	S	T	U	V	W	X
JCDT_COMP_	Job	Phase	Cat	Amount	Quantity	Wm	Src	Source Descript	Source Do	Unbilled Revenue Amt		Currency
RVCONST1	BILLRATE1	010160	1000	100	1	HR	AP	A1 CARPENTRY		150	Job Billing Rate	US
RVCONST1	BILLRATE1	010160	2000	125	1	LS	AP	A1 CARPENTRY		250	Job Billing Rate	US
RVCONST1	BILLRATE1	010160	3000	115	1	DY	AP	A1 CARPENTRY		287.5	Job Billing Rate	US
RVCONST1	BILLRATE1	010160	4000	163	1	LS	AP	A1 CARPENTRY		203.75	Job Billing Rate	US
RVCONST1	BILLRATE1	010160	5000	197	1	NA	AP	A1 CARPENTRY		246.25	Job Billing Rate	US
RVCONST1	BILLRATE1	020210	1000	95	1	HR	JC	Test for Recalcu		142.5	Job Billing Rate	US
RVCONST1	BILLRATE1	020210	2000	147	1	LS	JC	Test for Recalcu		294	Job Billing Rate	US
RVCONST1	BILLRATE1	020210	3000	199	1	DY	JC	Test for Recalcu		497.5	Job Billing Rate	US
RVCONST1	BILLRATE1	020210	4000	264	1	LS	JC	Test for Recalcu		330	Job Billing Rate	US
RVCONST1	BILLRATE1	020210	5000	17	1	NA	JC	Test for Recalcu		21.25	Job Billing Rate	US
RVCONST1	BILLRATE1	010160	1000	480	8	HR	PY	Ian Mcdonald		720	Payroll Bill Rate	US

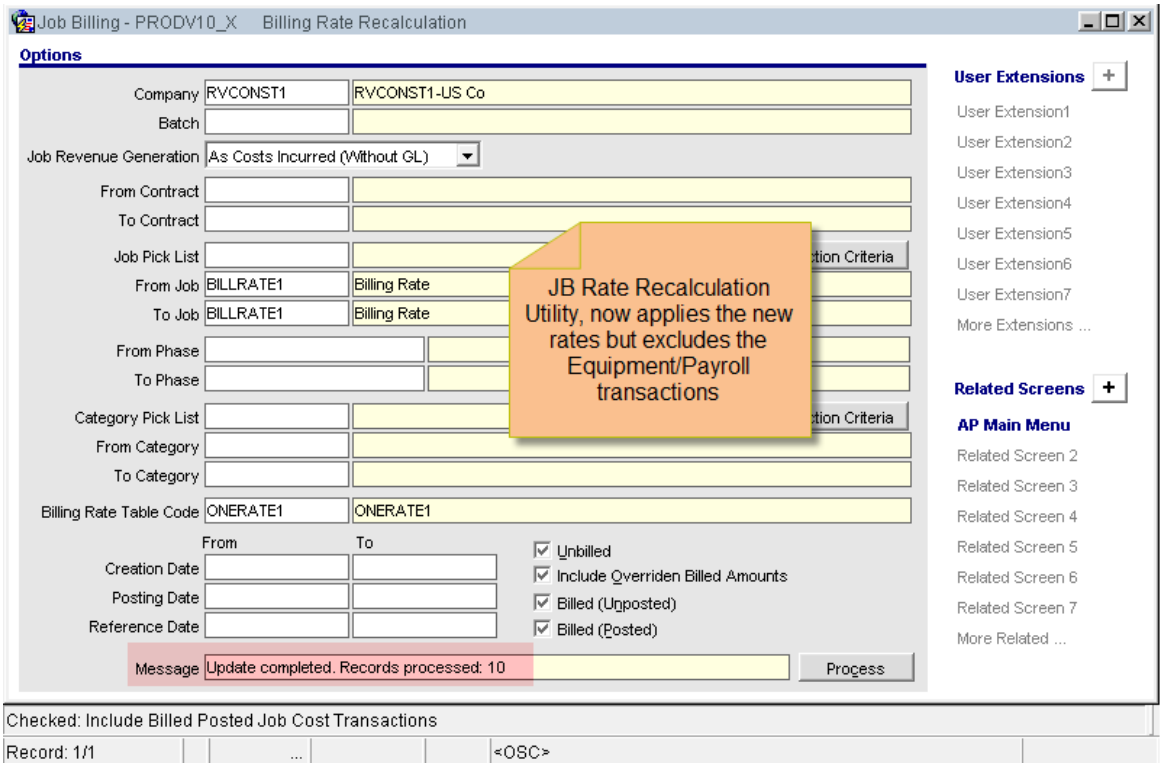
Job Billing Rates Applied for all Non-Payroll / Non-Equipment Transactions
The Unbilled Revenue Amount is calculated as Cost Amount * JB Rate multiplier

Payroll Transactions take Payroll Bill Rates as the Job file 'Use Payroll Bill Rates' is checked.

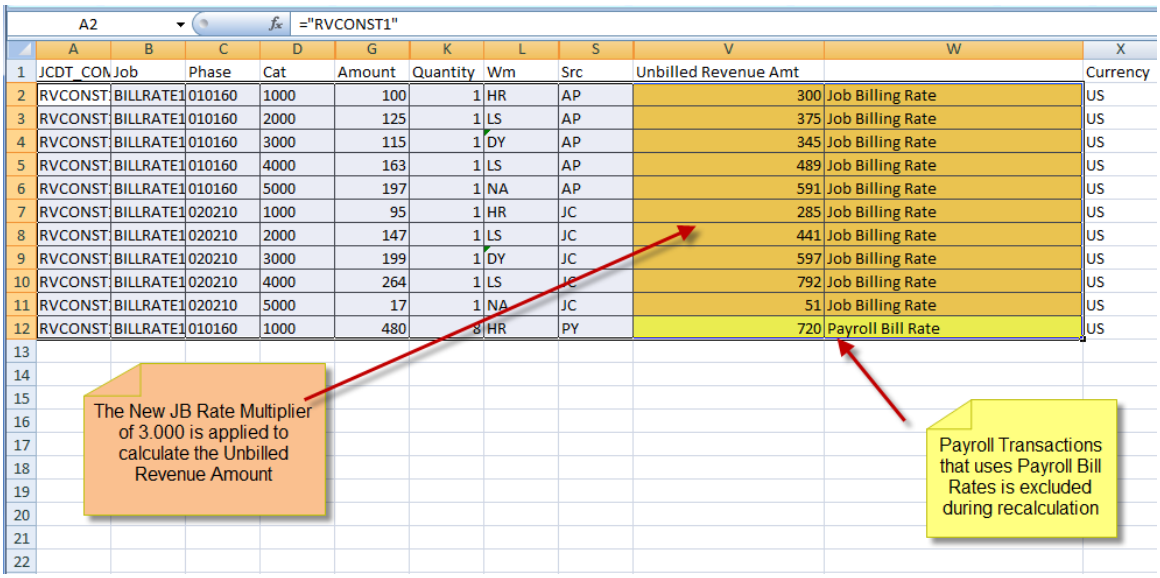
The transaction postings shown are posted from AP,JC & PY applications. The Unbilled Revenue amount is calculated during postings and the Payroll posting clearly uses the payroll bill rates



The above screen shows the update of the JB Rate table with a multiplier of '3.000' for all phases/categories.



The Billing Rate Recalculation Utility is modified to recalculate all Non-Equipment/Payroll transactions for the job shown in this example above.



	A	B	C	D	G	K	L	S	V	W	X
1	JCDT_CON	Job	Phase	Cat	Amount	Quantity	Wm	Src	Unbilled Revenue Amt		Currency
2	RVCONST	BILLRATE1	010160	1000	100	1	HR	AP	300	Job Billing Rate	US
3	RVCONST	BILLRATE1	010160	2000	125	1	LS	AP	375	Job Billing Rate	US
4	RVCONST	BILLRATE1	010160	3000	115	1	DY	AP	345	Job Billing Rate	US
5	RVCONST	BILLRATE1	010160	4000	163	1	LS	AP	489	Job Billing Rate	US
6	RVCONST	BILLRATE1	010160	5000	197	1	NA	AP	591	Job Billing Rate	US
7	RVCONST	BILLRATE1	020210	1000	95	1	HR	JC	285	Job Billing Rate	US
8	RVCONST	BILLRATE1	020210	2000	147	1	LS	JC	441	Job Billing Rate	US
9	RVCONST	BILLRATE1	020210	3000	199	1	DY	JC	597	Job Billing Rate	US
10	RVCONST	BILLRATE1	020210	4000	264	1	LS	JC	792	Job Billing Rate	US
11	RVCONST	BILLRATE1	020210	5000	17	1	NA	JC	51	Job Billing Rate	US
12	RVCONST	BILLRATE1	010160	1000	480	8	HR	PY	720	Payroll Bill Rate	US

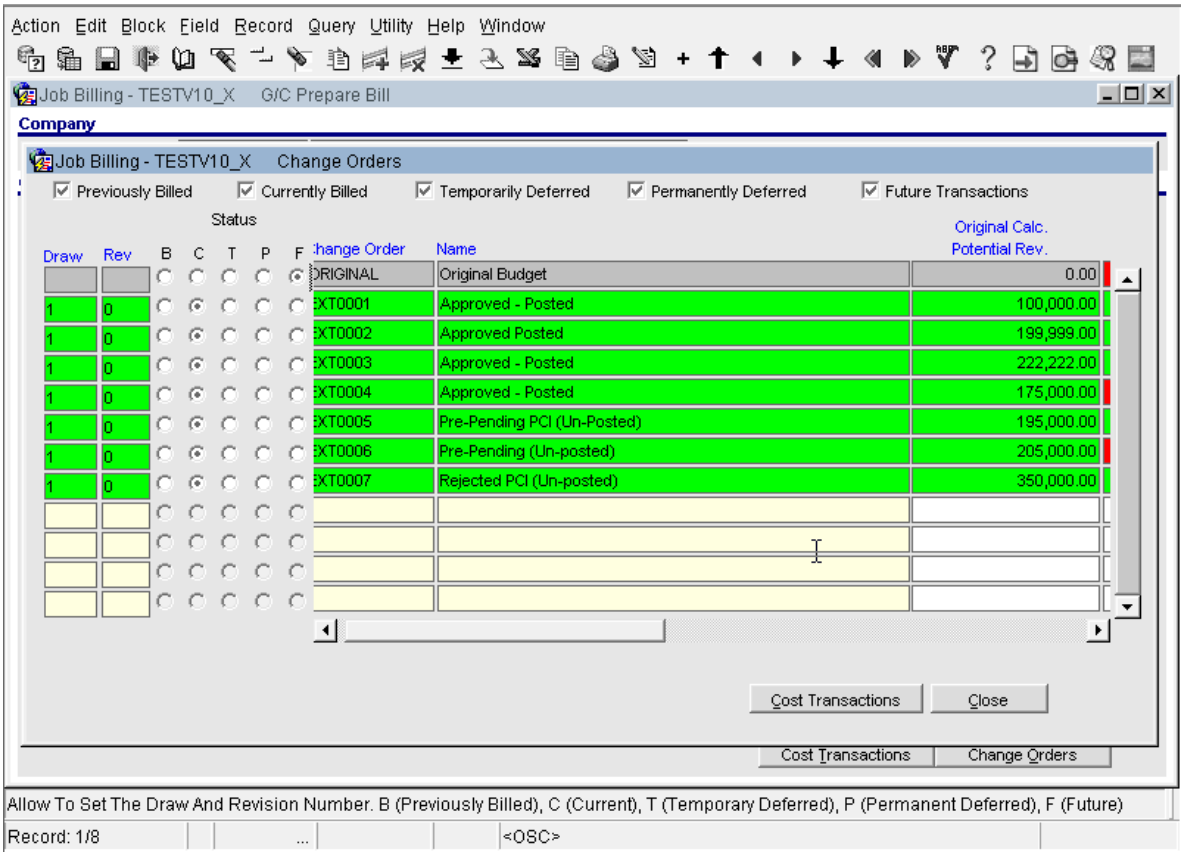
NOTE:

The Billing Rate Recalculation Utility works only with JB Rate table definitions. If users, un-check the job setup flags (Use Payroll/Equipment Bill Rate flags), then all transactions will be recalculated using the prevailing JB Rate values and the Equipment/Payroll bill rate usage is no longer applicable for the job.

Reverting back the flag values again, will NOT re-instate the amounts using Equipment/Payroll Bill rates.

This is pre- existing functionality.

PCI Detail Billing to include Un-Posted PCIs (13.80237)



The PCI Detail Billing functionality is enhanced with the ability to include Un-Posted PCIs. By default 100% of un-posted PCIs will be billed. Users are allowed to perform billing overrides similar to Posted PCIs.

Exceptions:

1. This modification applies only to Billing Contracts flagged as 'PCI Detail Billing'.
2. All Un-Posted PCIs regardless of status such as Pre-Pending or Rejected will be included in the billing.
3. The percentage Complete in the G/C Prepare Bill main screen will NOT be accurate, because PCIs update the budget only upon posting.
4. The Application and Certificate of Payment (AIA reports) will NOT list the Un-Posted PCIs as the report is designed to list posted PCIs (Displayed as 'Approved' changes previous / this month)
5. An un-posted PCI which may have been previously included in a billing draw allows updates to amounts as before and posted.
6. Users may have to use their discretion, when changing an external PCI to another type such as 'Internal PCI'. This is because; a previously posted billing draw may have already included an un-posted PCI of type 'External' in a particular period. If users change the type to 'Internal', they have to be aware of the fact that the PCI has been already billed. Alternately, users may have to void previously posted draws in order to update the PCI type as 'Internal'.
7. No changes to any of the queries/reports

Pending PCI Billing Functionality Enhancement (13.81171)

Pending PCI Billing Functionality is enhanced to work with WBS mapping feature.

Existing Functionality:

The Pending PCI Billing Functionality (This may be turned ON only by CMiC) was originally designed without WBS mapping feature integration. The reason being, the PCI Billing functionality relies on the bill codes, whereas, when using WBS mapping, the Bill codes are NOT generated until the PCI is posted.

Modifications:

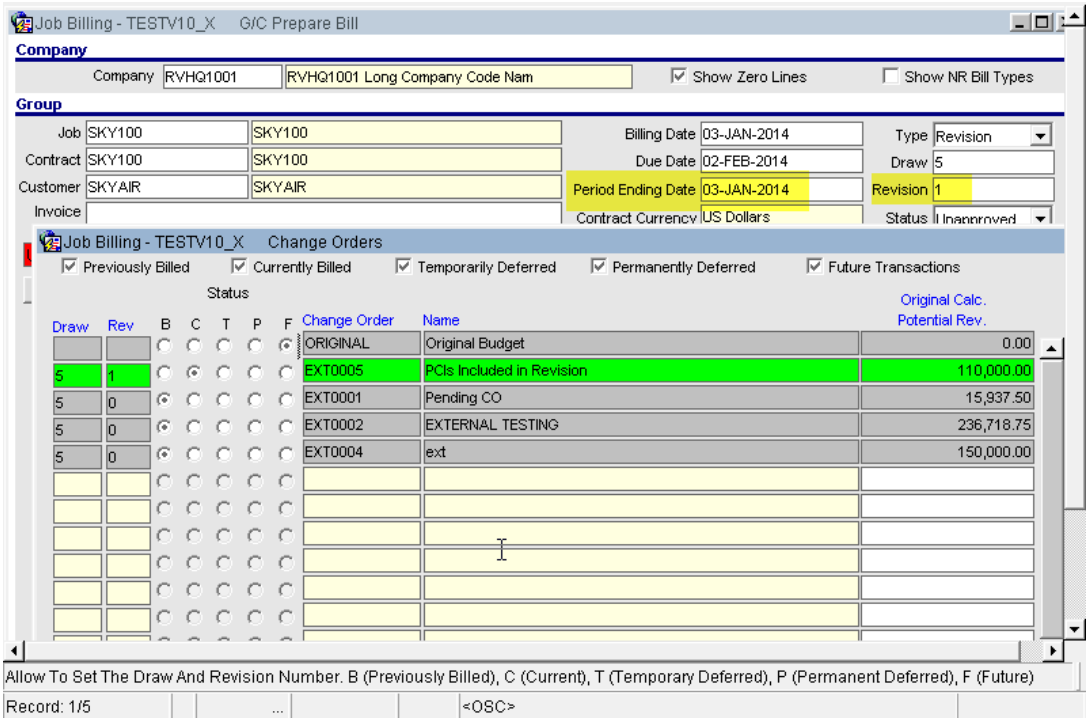
For an un-posted PCI using WBS mapping the Billing will go against the 'PENDING PCI' maintained in System Options.

Once the PCI is posted, the movement of dollar amount will be to the actual bill code i.e. this will be a function that currently exists for this feature with standard mapping. Also, if the PCI is posted prior to posting the bill, the bill will be invalidated thus forcing the user to 'RECALCULATE'.

The pre-requisite for this functionality to work is , the default bill code must be already in the Contract details.

When creating a Phase/Category on the fly, if the JB Control 'Add Bill codes to The Contract When Adding Phase/Cat on the Fly ' is set as 'Y' (checked), then the Bill code will be automatically added by the program to the JB Contract.

PCIs included in Revisions Draw when updating Period End Date (13.78892)



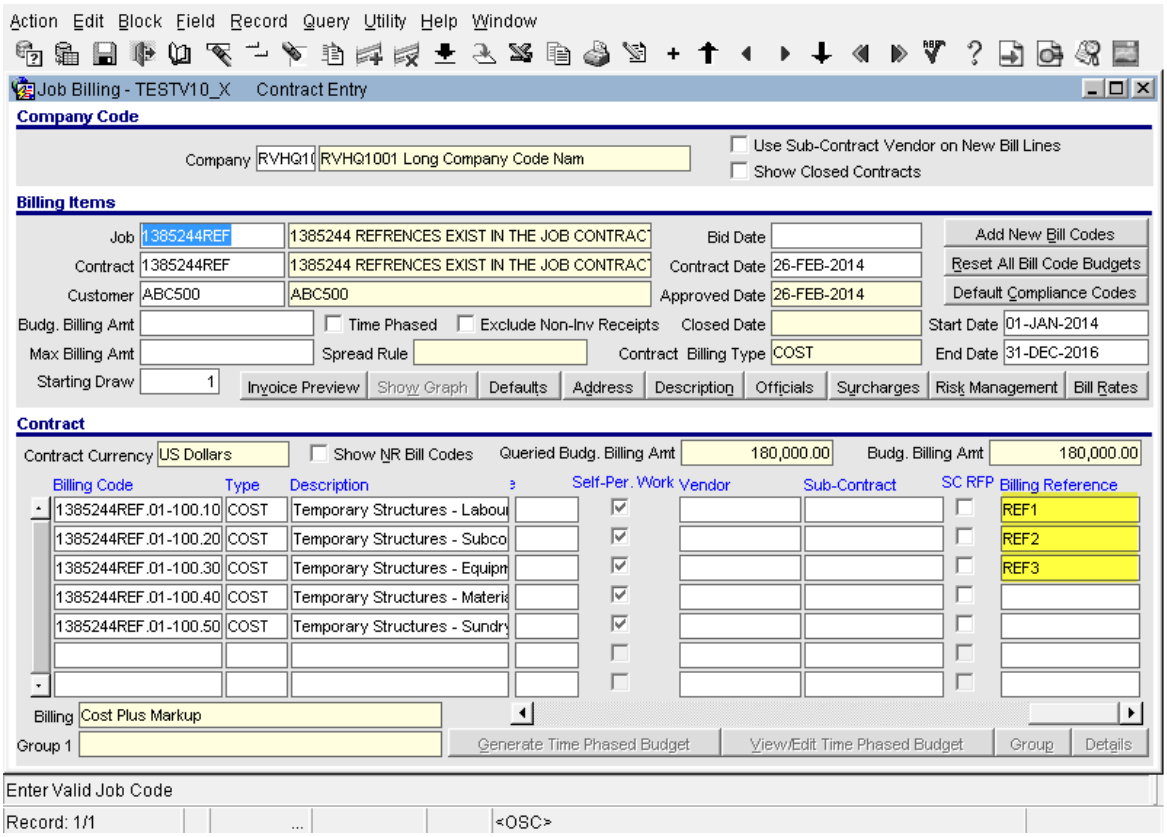
G/C Prepare Billing program is modified that, the 'revision' draws will include any posted PCIs when the period ending date is updated and recalculation performed by the users. Previously the revision draws will NOT include any posted PCIs and always marked as 'Future' transactions in the change orders popup.

Invoice Generation - NOT to create '0' dollar invoices for billing references (13.85244)

To modify the job billing generation forms NOT to allocate invoice numbers to the reference codes that are not being billed i.e. the amount is zero in a Draw.

Modifications:

The Job Billing generation forms 'prepare Billing' & 'G/C Prepare Billing' (jbbill.fmx & jbbill2.fmx) are modified NOT to allocate invoice numbers when there are NO currently billed amount against those billcodes associated with 'Billing References'. This assumes importance as, if a Contract has too many references, the number of '0' dollar invoices may also be too many which may unnecessarily use up the invoice numbers in sequence.



New restrictions on Revision Draws when using billing references:

Due to these modifications, now there is a new restriction when creating a revision Draw to a Contract that has billing references.

For Example, A Contract has three billing references REF1, REF2 & REF3 assigned to some of the bill codes.

Draw 1 rev 0 is posted and there are two billing invoices, one for REF1 and another for Main Customer of the Contract. No invoices generated for REF2 & REF3

When creating Revisions Draw, costs were found only against REF2 & REF3 as well as Main customer.

Since the main draw did NOT have any invoices posted against these References, system will exclude them from the current revision draw. A meaningful message is displayed.

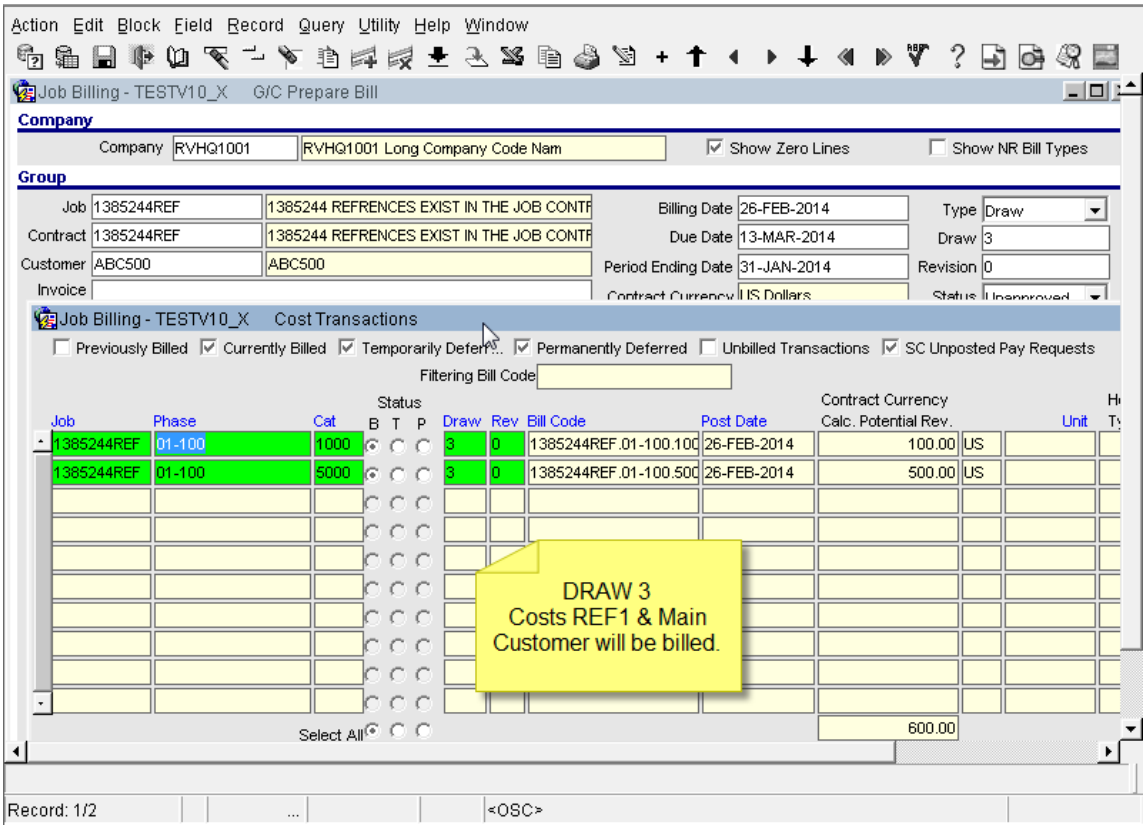
Also, there are restrictions to Contract level/Group Level/Billcode level overrides, as shown in the example

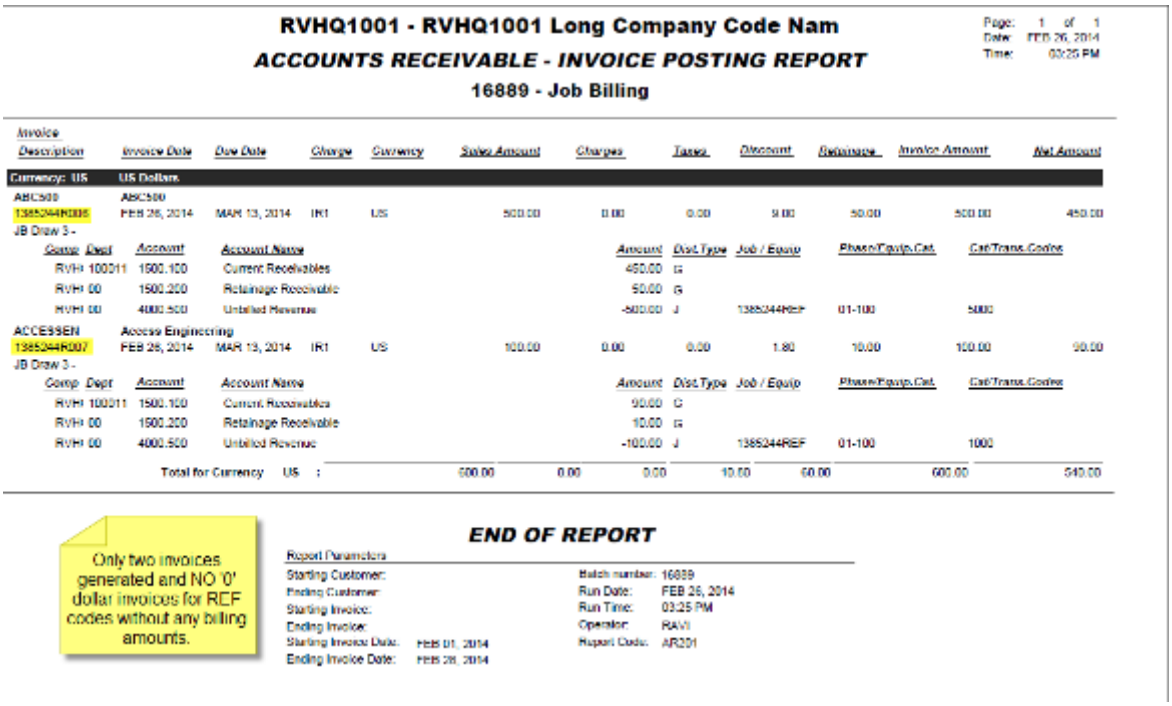
If users would like to include all those costs, then the following two options may be considered.

1. Void the previously posted draw and then re-create a new draw to include all the posted costs.

2. Create a new draw instead of a Revision to previous Draw

Example:





RVHQ1001 - RVHQ1001 Long Company Code Nam

ACCOUNTS RECEIVABLE - INVOICE POSTING REPORT

16889 - Job Billing

Page: 1 of 1
Date: FEB 26, 2014
Time: 03:25 PM

Invoice Description	Invoice Date	Due Date	Charge	Currency	Sales Amount	Charges	Taxes	Discount	Retainage	Invoice Amount	Net Amount
Currency: US	US Dollars										
ABC500	ABC500										
1385244R005	FEB 26, 2014	MAR 13, 2014	IR1	US	500.00	0.00	0.00	9.00	50.00	500.00	450.00
JB Draw 3 -											

Comp	Dept	Account	Account Name	Amount	Dist Type	Job / Equip	Phase/Equip.Cat.	Cat/Trans.Codes
RVH 100211		1500.100	Current Receivables	450.00	G			
RVH 00		1500.200	Retainage Receivable	50.00	G			
RVH 00		4000.500	Unbilled Revenue	-500.00	J	1385244REF	01-100	5000

Invoice Description	Invoice Date	Due Date	Charge	Currency	Sales Amount	Charges	Taxes	Discount	Retainage	Invoice Amount	Net Amount
ACCESSEN	Access Engineering										
1385244R007	FEB 26, 2014	MAR 13, 2014	IR1	US	100.00	0.00	0.00	1.80	10.00	100.00	90.00
JB Draw 3 -											

Comp	Dept	Account	Account Name	Amount	Dist Type	Job / Equip	Phase/Equip.Cat.	Cat/Trans.Codes
RVH 100211		1500.100	Current Receivables	90.00	G			
RVH 00		1500.200	Retainage Receivable	10.00	G			
RVH 00		4000.500	Unbilled Revenue	-100.00	J	1385244REF	01-100	1000

Total for Currency	US :	600.00	0.00	0.00	10.80	60.00	600.00	540.00

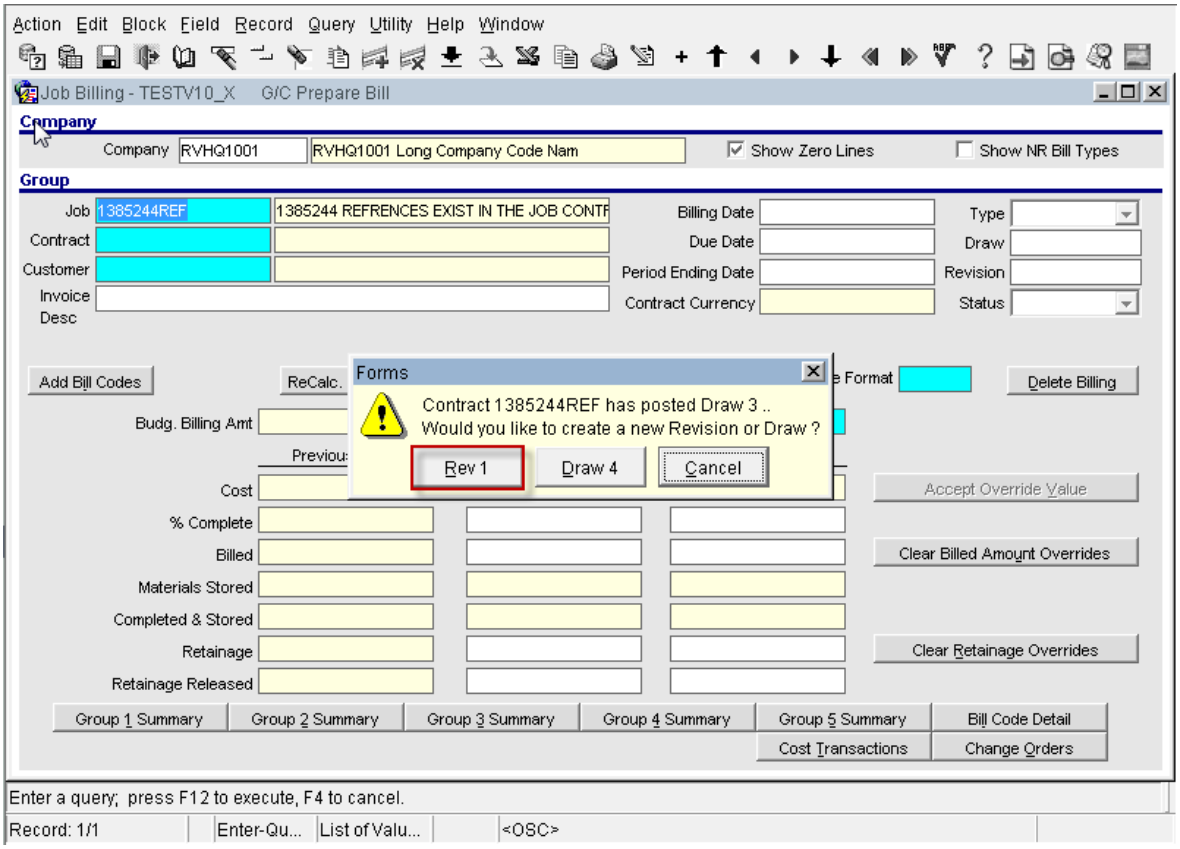
Only two invoices generated and NO '0' dollar invoices for REF codes without any billing amounts.

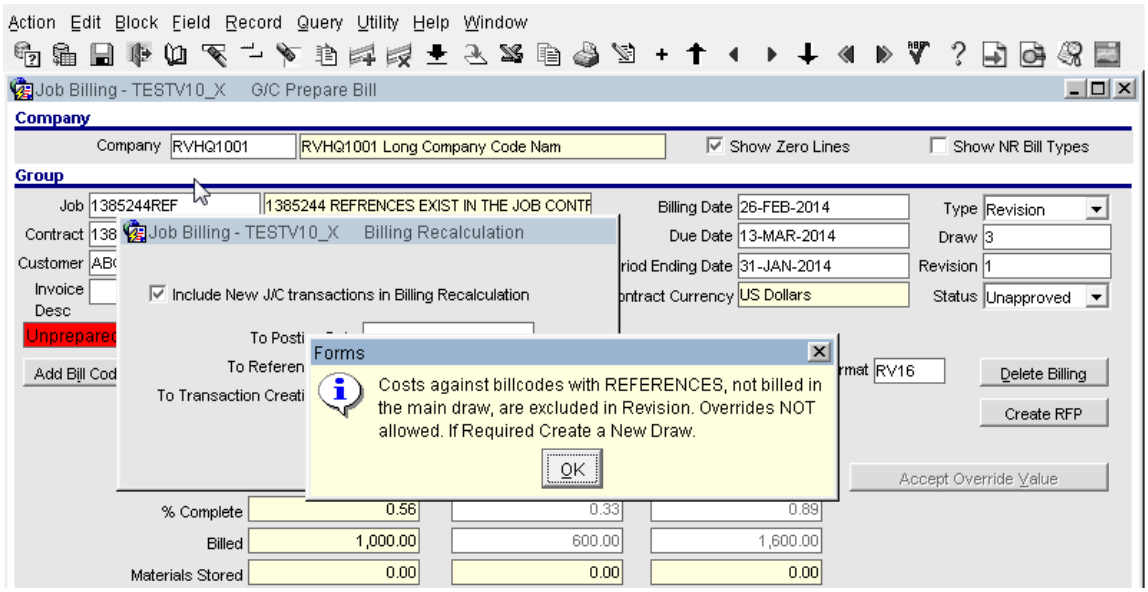
END OF REPORT

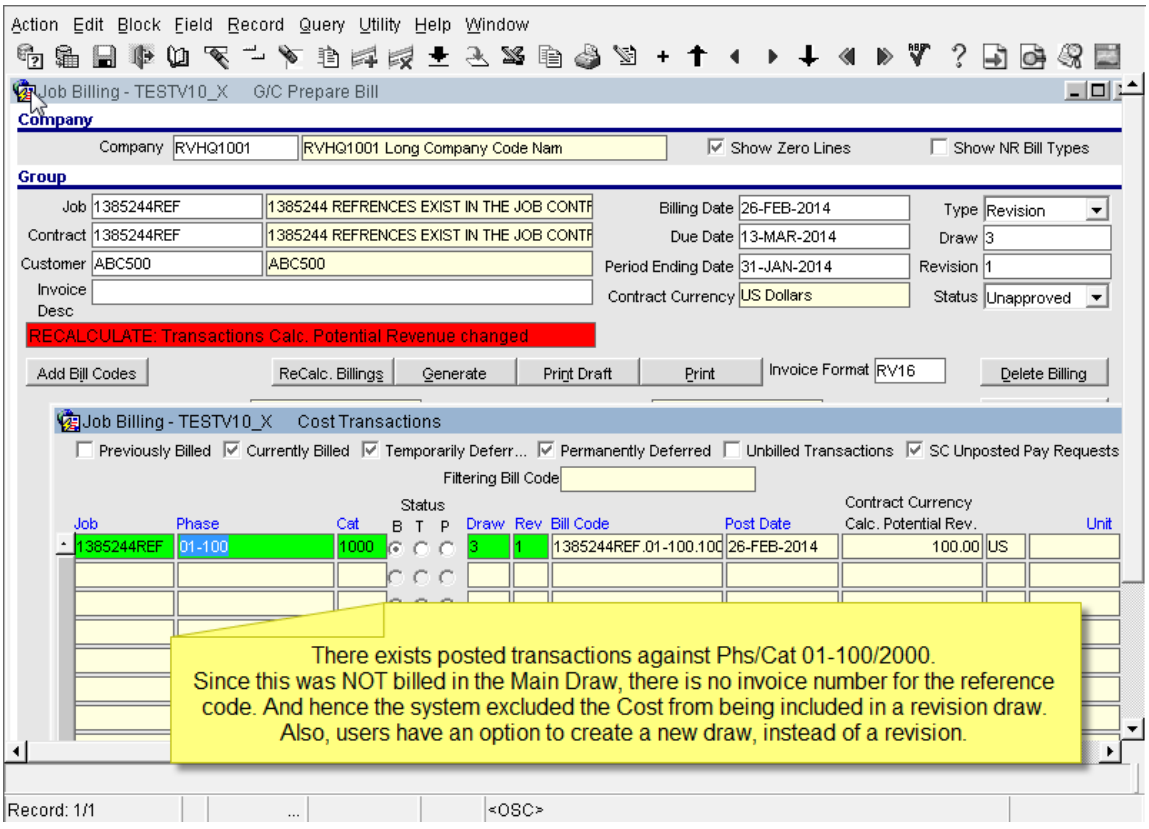
Report Parameters

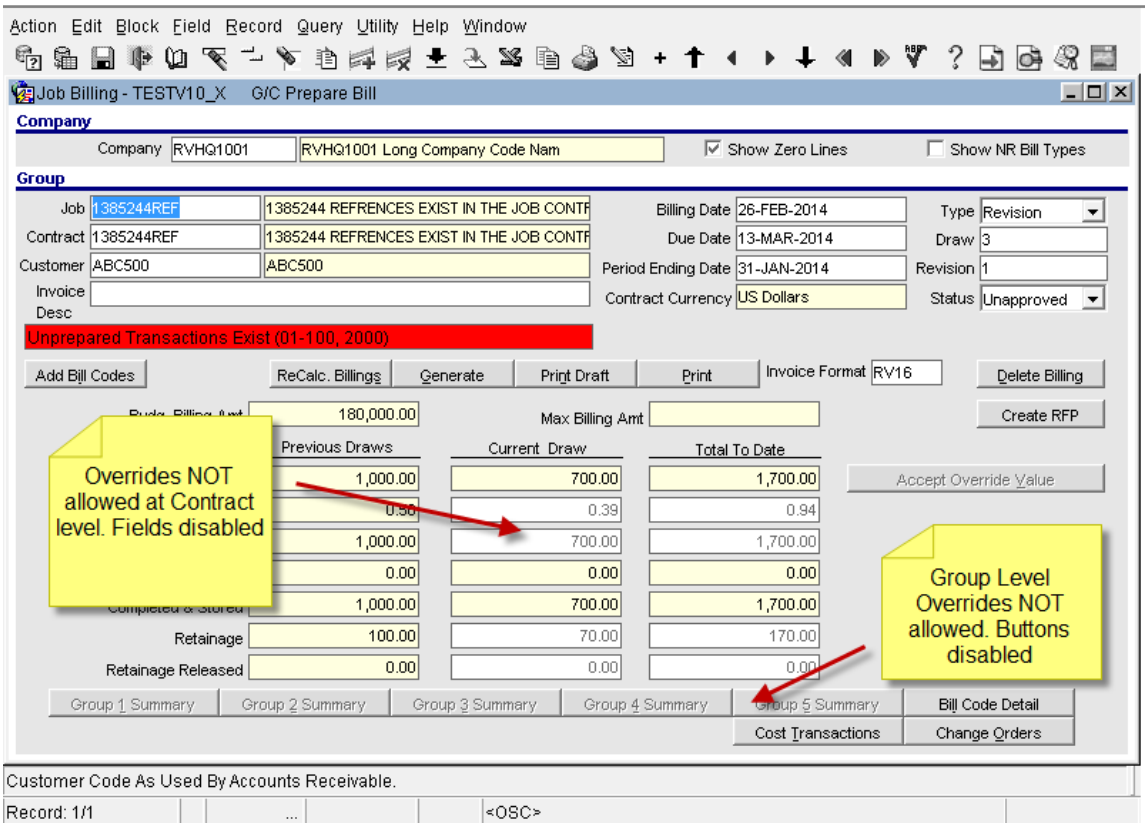
Starting Customer:
Ending Customer:
Starting Invoice:
Ending Invoice:
Starting Invoice Date: FEB 01, 2014
Ending Invoice Date: FEB 28, 2014

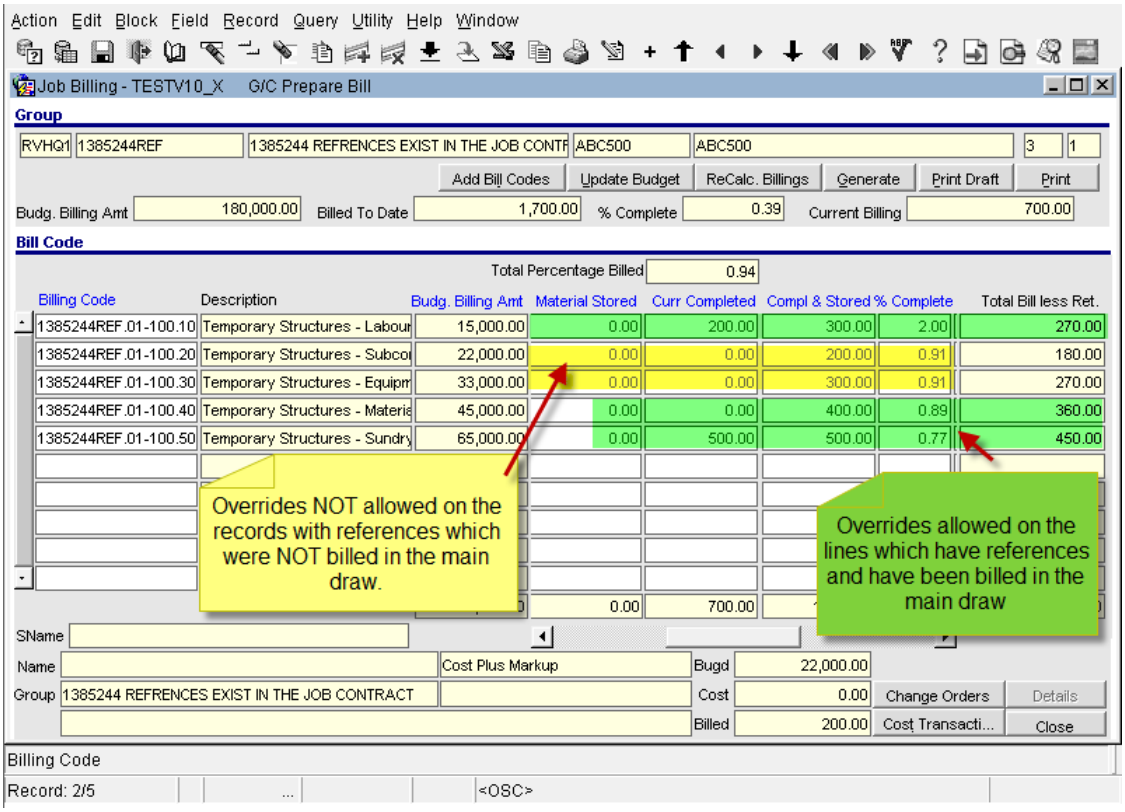
Batch number: 16889
Run Date: FEB 26, 2014
Run Time: 03:25 PM
Operator: RAVI
Report Code: AR201



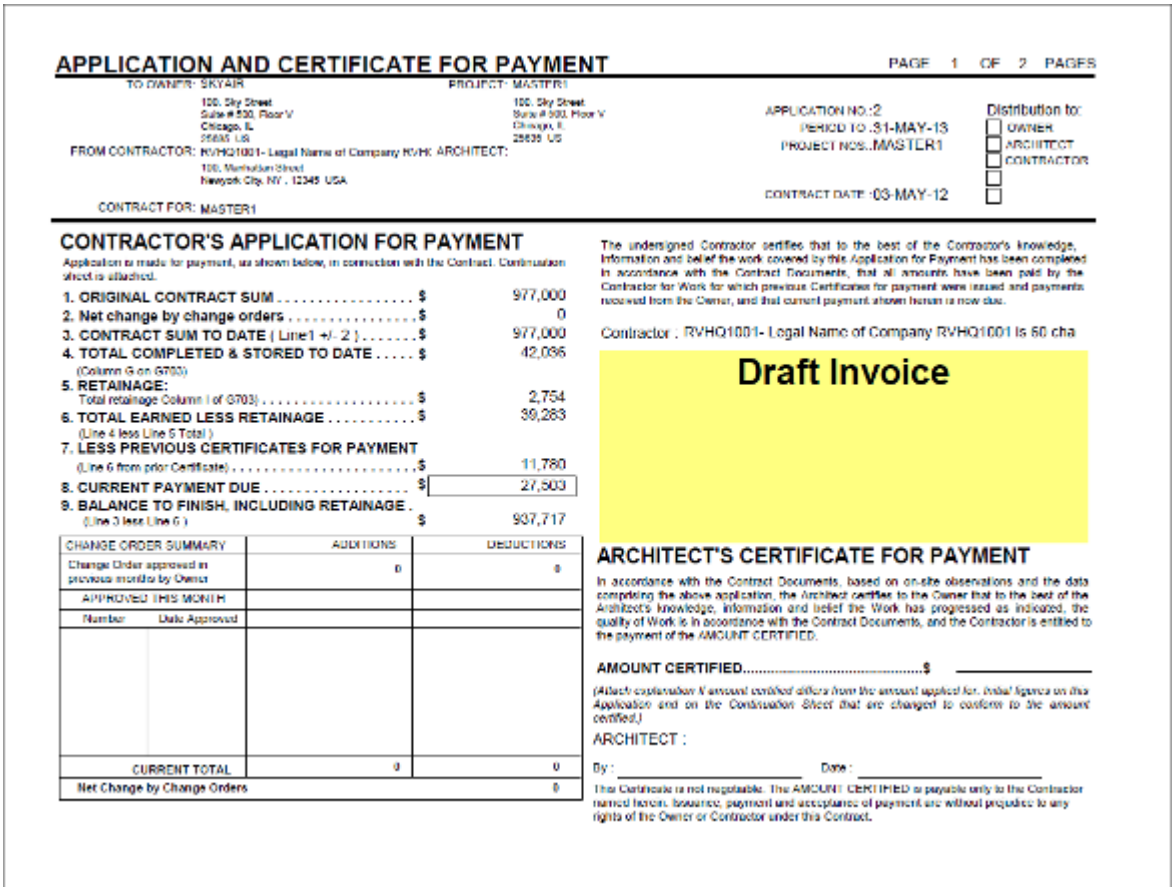

Action Edit Block Field Record Query Utility Help Window
Job Billing - TESTV10_X G/C Prepare Bill
Company
Company RVHQ1001 RVHQ1001 Long Company Code Nam
Show Zero Lines
Show NR Bill Types
Group
Job 1385244REF 1385244 REFRENCES EXIST IN THE JOB CONTR
Billing Date 26-FEB-2014
Type Revision
Contract 138
Job Billing - TESTV10_X Billing Recalculation
Due Date 13-MAR-2014
Draw 3
Customer ABC
Period Ending Date 31-JAN-2014
Revision 1
Invoice
Desc
Include New J/C transactions in Billing Recalculation
Contract Currency US Dollars
Status Unapproved
Unprepared
To Posti
To Referen
To Transaction Creati
Forms
Costs against billcodes with REFERENCES, not billed in the main draw, are excluded in Revision. Overrides NOT allowed. If Required Create a New Draw.
OK
Add Bill Cod
RV16
Delete Billing
Create RFP
Accept Override Value
% Complete 0.56 0.33 0.89
Billed 1,000.00 600.00 1,600.00
Materials Stored 0.00 0.00 0.00


Action Edit Block Field Record Query Utility Help Window
Job Billing - TESTV10_X G/C Prepare Bill
Company
Company RVHQ1001 RVHQ1001 Long Company Code Nam
Show Zero Lines
Show NR Bill Types
Group
Job 1385244REF 1385244 REFRENCES EXIST IN THE JOB CONTR
Billing Date 26-FEB-2014
Type Revision
Contract 1385244REF 1385244 REFRENCES EXIST IN THE JOB CONTR
Due Date 13-MAR-2014
Draw 3
Customer ABC500 ABC500
Period Ending Date 31-JAN-2014
Revision 1
Invoice
Desc
Contract Currency US Dollars
Status Unapproved
RECALCULATE: Transactions Calc. Potential Revenue changed
Add Bill Codes
ReCalc. Billings
Generate
Print Draft
Print
Invoice Format RV16
Delete Billing
Job Billing - TESTV10_X Cost Transactions
Previously Billed
Currently Billed
Temporarily Deferr...
Permanently Deferred
Unbilled Transactions
SC Unposted Pay Requests
Filtering Bill Code
Status
Contract Currency
Job Phase Cat B T P Draw Rev Bill Code Post Date Calc. Potential Rev. Unit
1385244REF 01-100 1000 3 1 1385244REF.01-100.100 26-FEB-2014 100.00 US
There exists posted transactions against Phs/Cat 01-100/2000.
Since this was NOT billed in the Main Draw, there is no invoice number for the reference code. And hence the system excluded the Cost from being included in a revision draw.
Also, users have an option to create a new draw, instead of a revision.
Record: 1/1
<OSC>


Action Edit Block Field Record Query Utility Help Window
Job Billing - TESTV10_X G/C Prepare Bill
Company
Company RVHQ1001 RVHQ1001 Long Company Code Nam
Show Zero Lines
Show NR Bill Types
Group
Job 1385244REF 1385244 REFRENCES EXIST IN THE JOB CONTF
Contract 1385244REF 1385244 REFRENCES EXIST IN THE JOB CONTF
Customer ABC500 ABC500
Invoice Desc
Billing Date 26-FEB-2014
Due Date 13-MAR-2014
Period Ending Date 31-JAN-2014
Contract Currency US Dollars
Type Revision
Draw 3
Revision 1
Status Unapproved
Unprepared Transactions Exist (01-100, 2000)
Add Bill Codes
ReCalc. Billings
Generate
Print Draft
Print
Invoice Format RV16
Delete Billing
Create RFP
180,000.00
Max Billing Amt
Previous Draws
Current Draw
Total To Date
Accept Override Value
1,000.00 700.00 1,700.00
0.55 0.39 0.94
1,000.00 700.00 1,700.00
0.00 0.00 0.00
1,000.00 700.00 1,700.00
Retainage 100.00 70.00 170.00
Retainage Released 0.00 0.00 0.00
Overrides NOT allowed at Contract level. Fields disabled
Group Level Overrides NOT allowed. Buttons disabled
Group 1 Summary
Group 2 Summary
Group 3 Summary
Group 4 Summary
Group 5 Summary
Bill Code Detail
Cost Transactions
Change Orders
Customer Code As Used By Accounts Receivable.
Record: 1/1
<OSC>


Action Edit Block Field Record Query Utility Help Window
Job Billing - TESTV10_X G/C Prepare Bill
Group
RVHQ1 1385244REF 1385244 REFRENCES EXIST IN THE JOB CONTR ABC500 ABC500 3 1
Add Bill Codes Update Budget ReCalc. Billings Generate Print Draft Print
Budg. Billing Amt 180,000.00 Billed To Date 1,700.00 % Complete 0.39 Current Billing 700.00
Bill Code
Total Percentage Billed 0.94
Billing Code Description Budg. Billing Amt Material Stored Curr Completed Compl & Stored % Complete Total Bill less Ret.
1385244REF.01-100.10 Temporary Structures - Labour 15,000.00 0.00 200.00 300.00 2.00 270.00
1385244REF.01-100.20 Temporary Structures - Subcor 22,000.00 0.00 0.00 200.00 0.91 180.00
1385244REF.01-100.30 Temporary Structures - Equipm 33,000.00 0.00 0.00 300.00 0.91 270.00
1385244REF.01-100.40 Temporary Structures - Materia 45,000.00 0.00 0.00 400.00 0.89 360.00
1385244REF.01-100.50 Temporary Structures - Sundry 65,000.00 0.00 500.00 500.00 0.77 450.00
0.00 700.00
Overrides NOT allowed on the records with references which were NOT billed in the main draw.
Overrides allowed on the lines which have references and have been billed in the main draw
SName
Name Cost Plus Markup Bugd 22,000.00
Group 1385244 REFRENCES EXIST IN THE JOB CONTRACT Cost 0.00 Change Orders Details
Billed 200.00 Cost Transacti... Close
Billing Code
Record: 2/5 <OSC>

AIA Reports - 'Draft Invoice ' watermark added (14.87044)



APPLICATION AND CERTIFICATE FOR PAYMENT

PAGE 1 OF 2 PAGES

TO OWNER: SKYAIR
100, Sky Street
Suite # 500, Floor V
Chicago, IL
25635 US

PROJECT: MASTER1
100, Sky Street
Suite # 500, Floor V
Chicago, IL
25635 US

APPLICATION NO.:2
PERIOD TO :31-MAY-13
PROJECT NOS.:MASTER1

Distribution to:
OWNER
ARCHITECT
CONTRACTOR

FROM CONTRACTOR: RVHQ1001- Legal Name of Company RVHQ1001 is 60 cha
100, Manhattan Street
Newyork City, NY , 12345 USA

ARCHITECT:

CONTRACT DATE :03-MAY-12

CONTRACT FOR: MASTER1

CONTRACTOR'S APPLICATION FOR PAYMENT

Application is made for payment, as shown below, in connection with the Contract. Continuation sheet is attached.

1. ORIGINAL CONTRACT SUM	$	977,000
2. Net change by change orders	$	0
3. CONTRACT SUM TO DATE (Line1 +/- 2)	$	977,000
4. TOTAL COMPLETED & STORED TO DATE (Column G on G703)	$	42,086
5. RETAINAGE: Total retainage Column I of G703)	$	2,754
6. TOTAL EARNED LESS RETAINAGE (Line 4 less Line 5 Total)	$	39,283
7. LESS PREVIOUS CERTIFICATES FOR PAYMENT (Line 6 from prior Certificate)	$	11,780
8. CURRENT PAYMENT DUE	$	27,503
9. BALANCE TO FINISH, INCLUDING RETAINAGE (Line 3 less Line 6)	$	937,717

CHANGE ORDER SUMMARY	ADDITIONS	DEDUCTIONS
Change Order approved in previous months by Owner	0	0
APPROVED THIS MONTH		
Number / Date Approved		
CURRENT TOTAL	0	0
Net Change by Change Orders		0

The undersigned Contractor certifies that to the best of the Contractor's knowledge, information and belief the work covered by this Application for Payment has been completed in accordance with the Contract Documents, that all amounts have been paid by the Contractor for Work for which previous Certificates for payment were issued and payments received from the Owner, and that current payment shown herein is now due.

Contractor : RVHQ1001- Legal Name of Company RVHQ1001 is 60 cha

Draft Invoice

ARCHITECT'S CERTIFICATE FOR PAYMENT

In accordance with the Contract Documents, based on on-site observations and the data comprising the above application, the Architect certifies to the Owner that to the best of the Architect's knowledge, information and belief the Work has progressed as indicated, the quality of Work is in accordance with the Contract Documents, and the Contractor is entitled to the payment of the AMOUNT CERTIFIED.

AMOUNT CERTIFIED.....$ _____

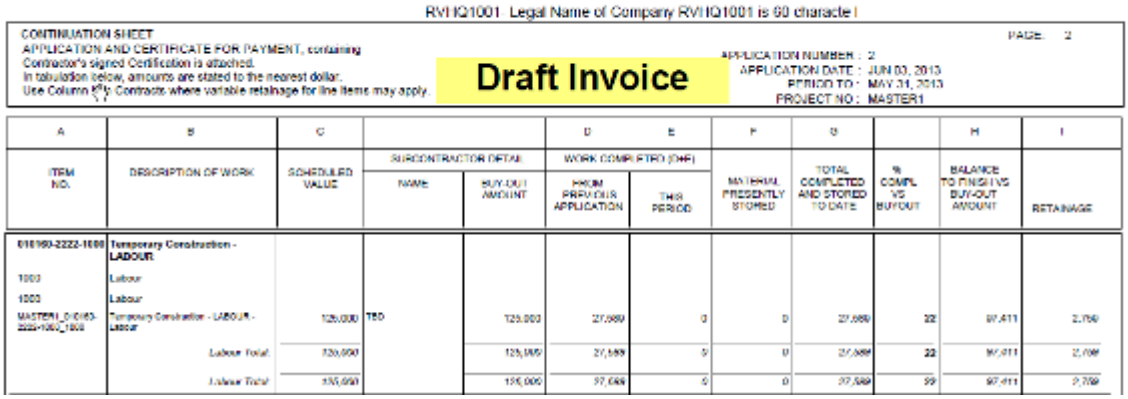
(Attach explanation if amount certified differs from the amount applied for. Initial figures on this Application and on the Continuation Sheet that are changed to conform to the amount certified.)

ARCHITECT :

By : _____ Date : _____

This Certificate is not negotiable. The AMOUNT CERTIFIED is payable only to the Contractor named herein. Issuance, payment and acceptance of payment are without prejudice to any rights of the Owner or Contractor under this Contract.

In the job billing 'Print Invoices' form, printing un-posted invoices ('Draft' flag checked) will produce the AIA reports with 'Draft Invoice' water mark. This was previously working for 'Free Form' invoices and now extended to all AIA invoice formats. The watermark will have an yellow background and each page of the report will also have the watermark printed.



RVHQ1001- Legal Name of Company RVHQ1001 is 60 characte

CONTINUATION SHEET
APPLICATION AND CERTIFICATE FOR PAYMENT, containing
Contractor's signed Certification is attached.
In tabulation below, amounts are stated to the nearest dollar.
Use Column G on Contracts where variable retainage for line items may apply.

PAGE: 2

Draft Invoice

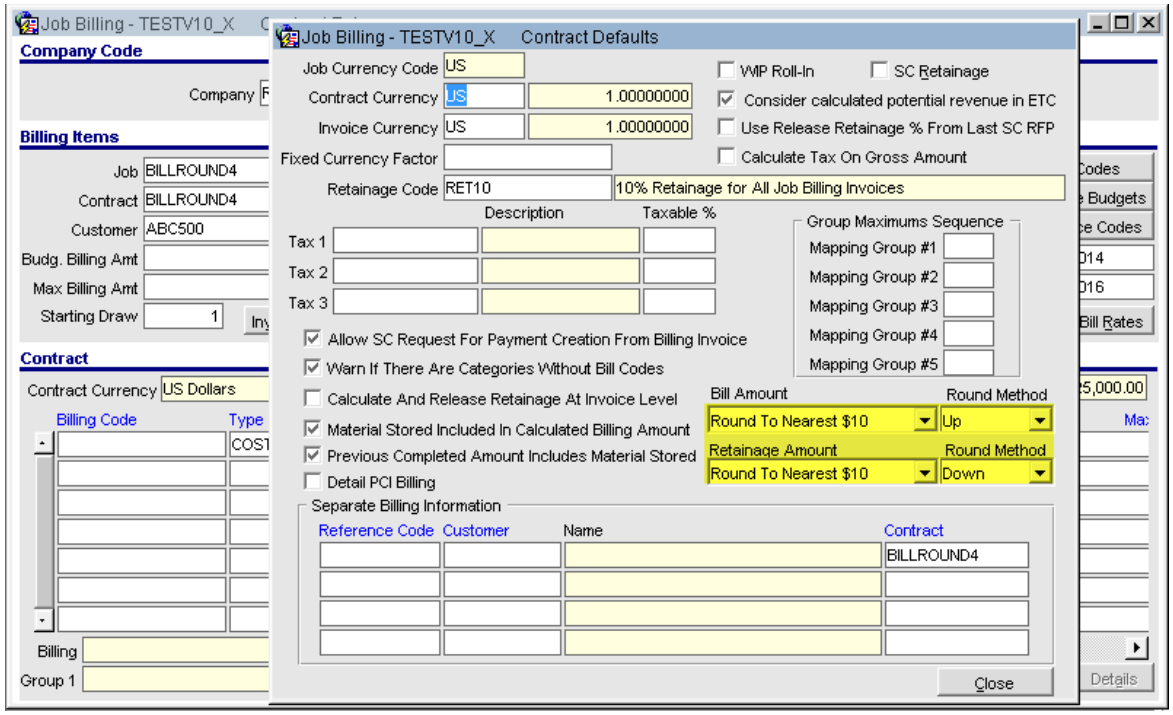
APPLICATION NUMBER : 2
APPLICATION DATE : JUN 03, 2013
PERIOD TO : MAY 31, 2013
PROJECT NO : MASTER1

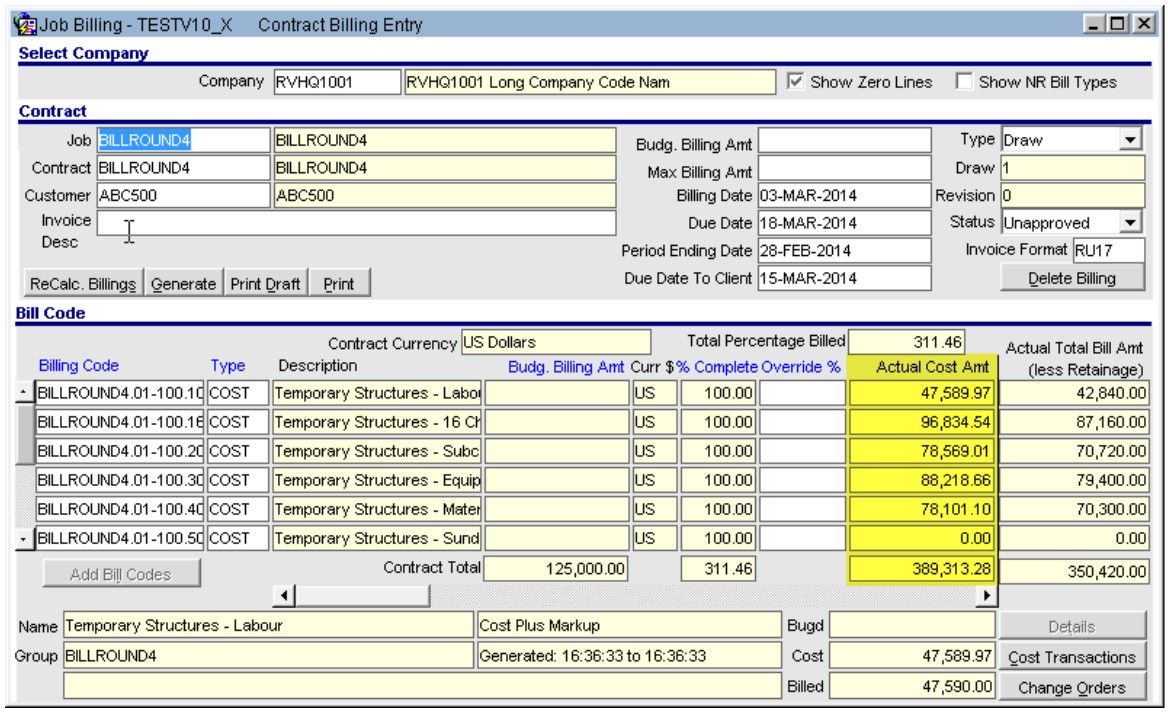
A	B	C	D		E	F	G		H	I
ITEM NO.	DESCRIPTION OF WORK	SCHEDULED VALUE	SUBCONTRACTOR DETAIL: NAME	SUBCONTRACTOR DETAIL: BUY-OUT AMOUNT	WORK COMPLETED (CMR): FROM PREVIOUS APPLICATION	WORK COMPLETED (CMR): THIS PERIOD	MATERIAL PRESENTLY STORED	TOTAL COMPLETED AND STORED TO DATE	% COMPL VS BUYOUT	BALANCE TO FINISH VS BUY-OUT AMOUNT	RETAINAGE
010160-2222-1000	Temporary Construction - LABOUR										
1000	Labour										
1000	Labour										
MASTER1_0-0160-2222-1000_1000	Temporary Construction - LABOUR - Labour	125,000	TBD	125,000	27,589	0	0	27,589	22	97,411	2,759
	Labour Total	125,000		125,000	27,589	0	0	27,589	22	97,411	2,759
	Labour Total	125,000		125,000	27,589	0	0	27,589	22	97,411	2,759

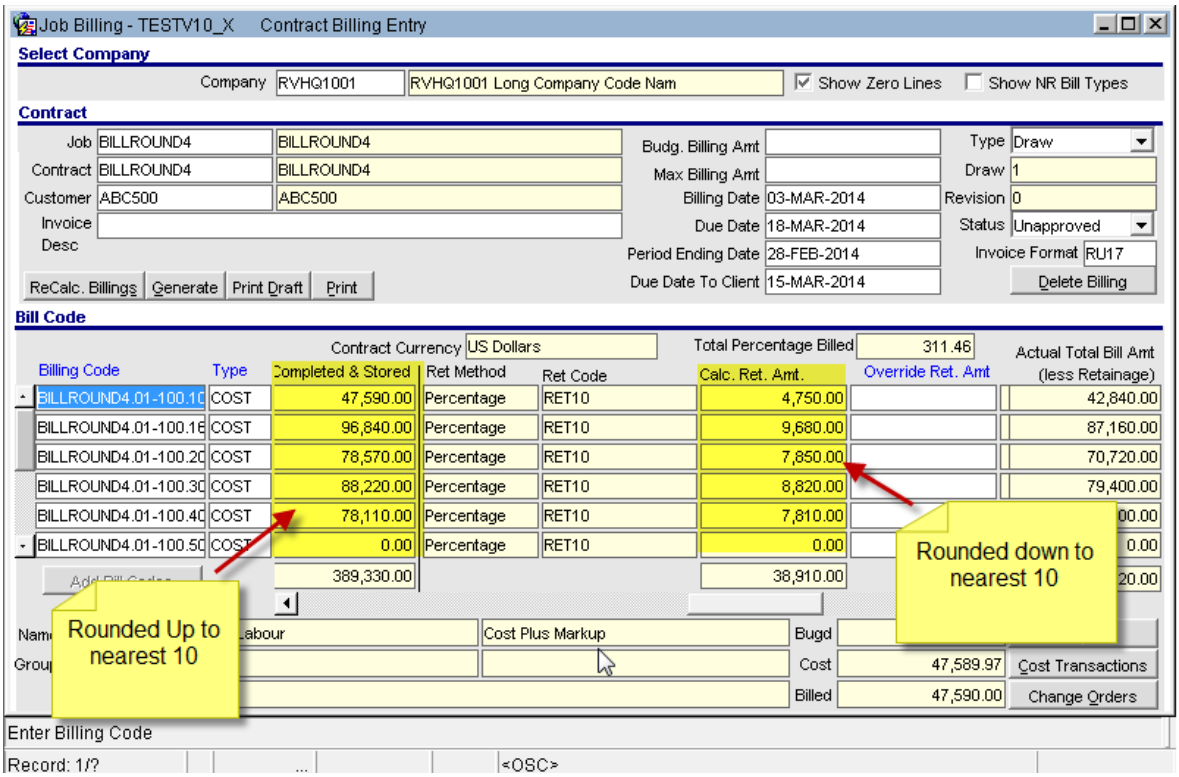
JBBILL.FMX - Rounding Rules applied from Contract (14.87301)

The Job Billing 'Rounding Rules' functionality is extended to the Prepare billing screen as well. This was introduced originally under the issue 13.78785 (Released in Patch V10-X-008) as standard functionality in G/C Prepare Billing Form.

The following screen show an example of the Rounding rules applied in Prepare Billing screen (JBBILL.fmx)







Billing Reference Functionality Enhancements (13.82668)

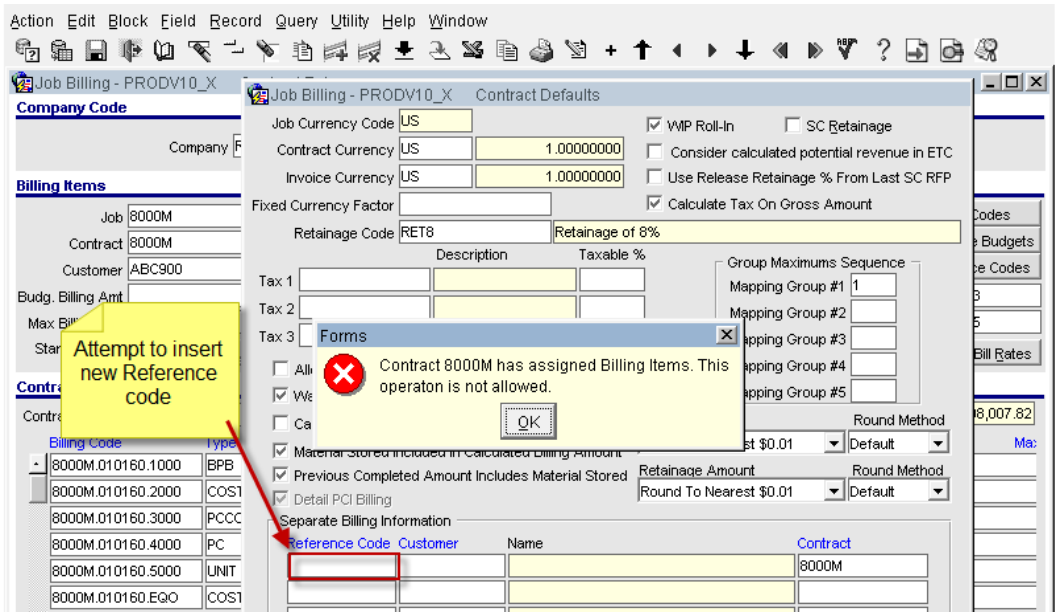
Job Billing 'Billing references' functionality is enhanced with the flexibility of update of reference codes in billing contracts when posted /un-posted billing draws exist. (Restrictions apply)

Modifications:

The Job billing contract entry form and the relevant packages are modified to implement this enhanced functionality.

Existing Functionality:

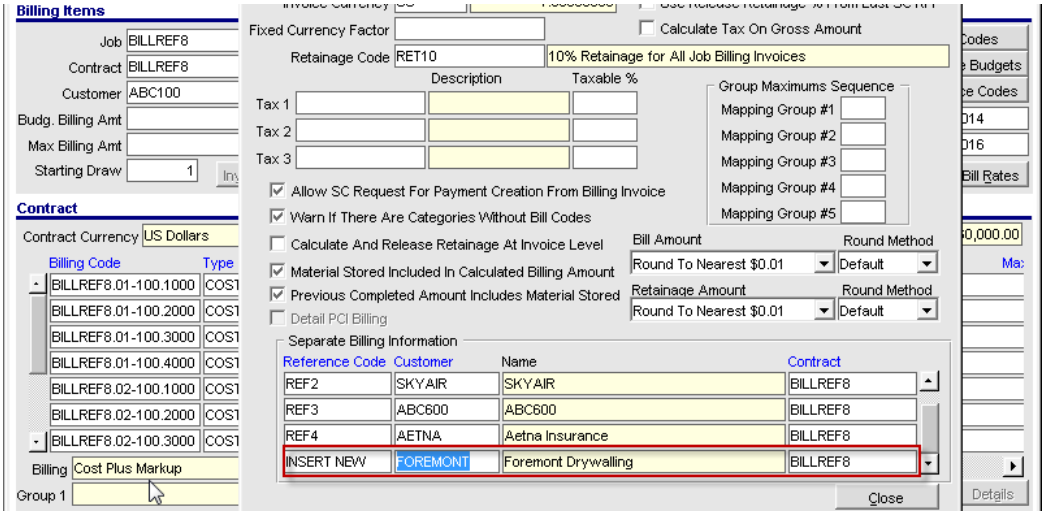
Once there exists an un-posted or posted billing draws, the Contract Entry is locked for any operation such as insert/update/delete of reference codes in the header & bill code detail levels.



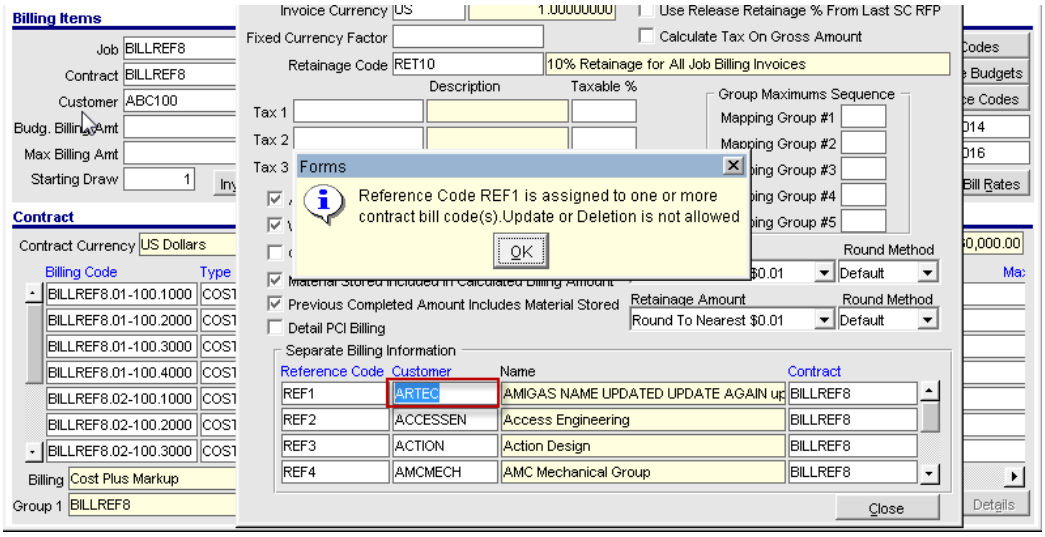
Enhanced Functionality:

Billing Contract Header Level:

1. 'Insert' of new Reference Code in Contract Header is allowed at any given time.

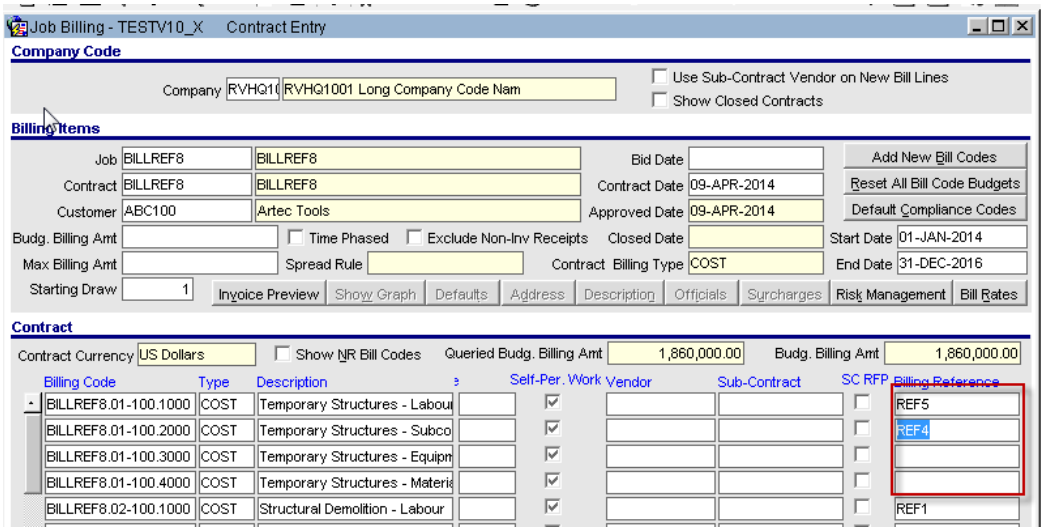


2. Update / Delete of an existing reference code in the header is NOT allowed when the reference code is assigned to one or more bill codes.

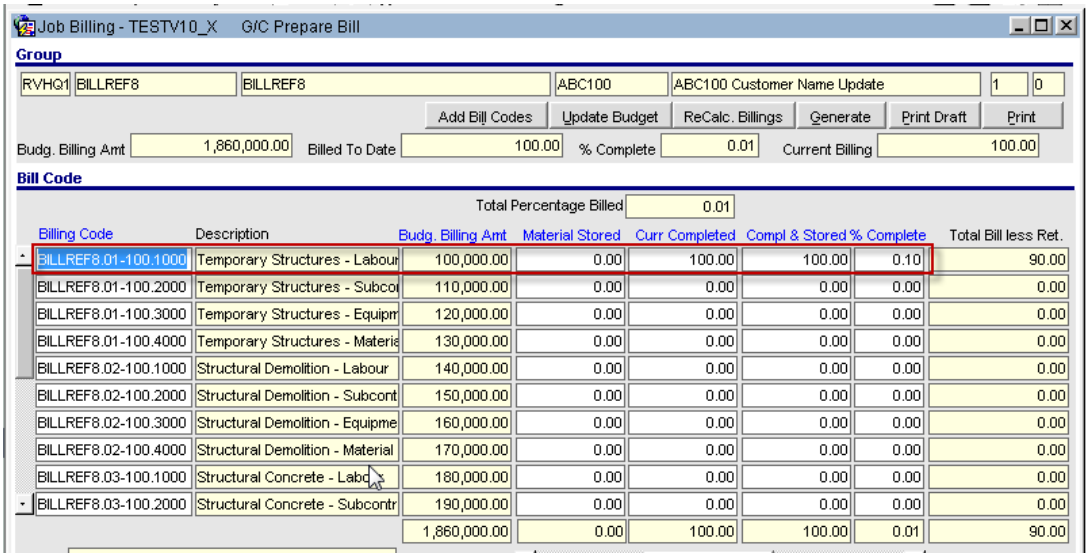


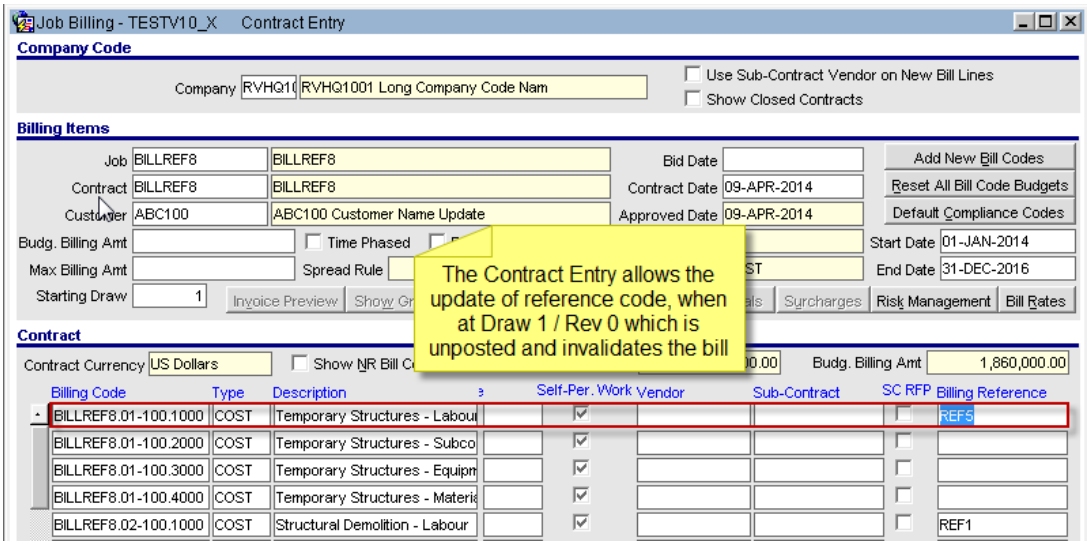
Billing Contract Detail Level:

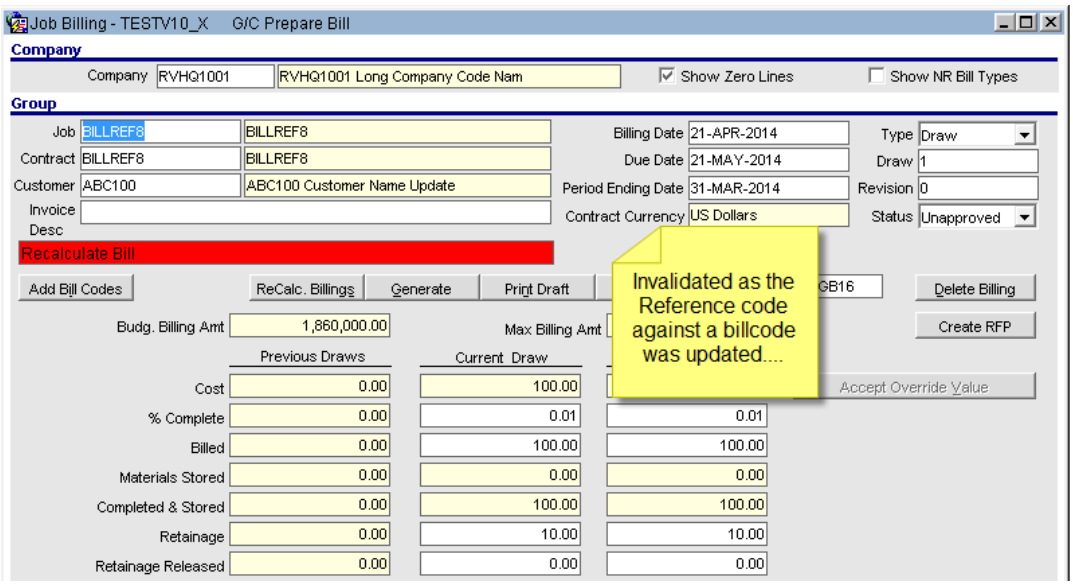
1. When there are no un-posted or posted billing draws, users are allowed to update the billing reference on any bill code detail line.



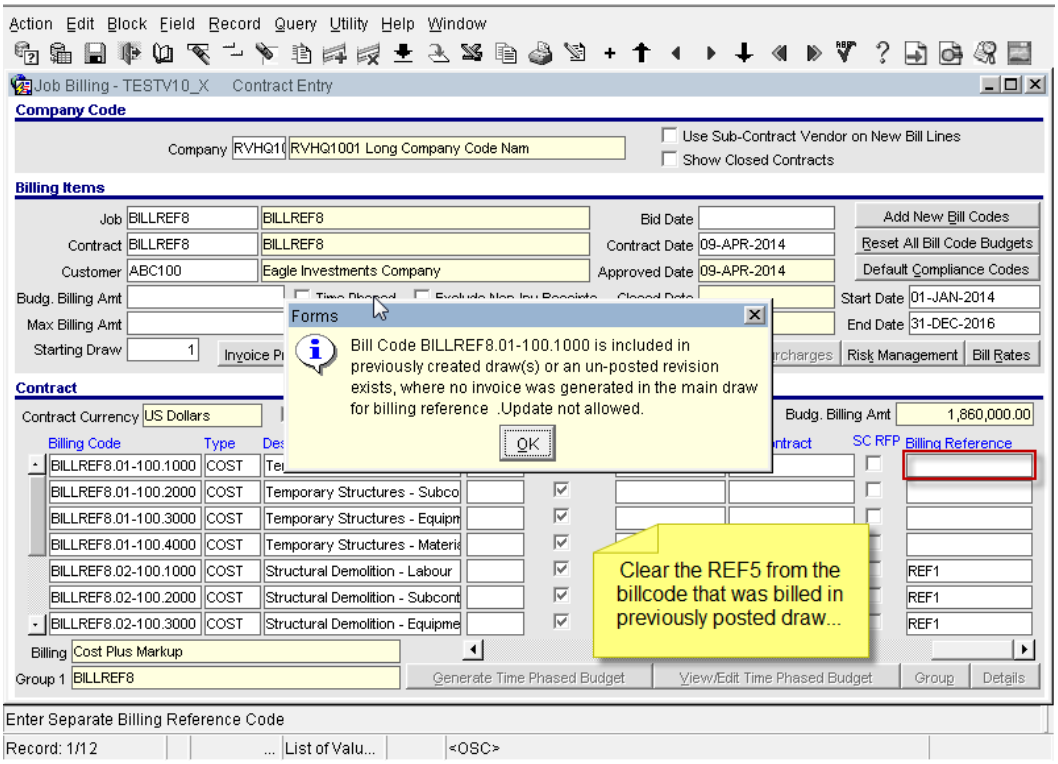
2. When users are allowed to update the ref codes against one or more bill codes and un-posted billing draw if any, will be invalidated. Users have to perform 'Recalculate/Generate' in order to successfully post the billing invoice.

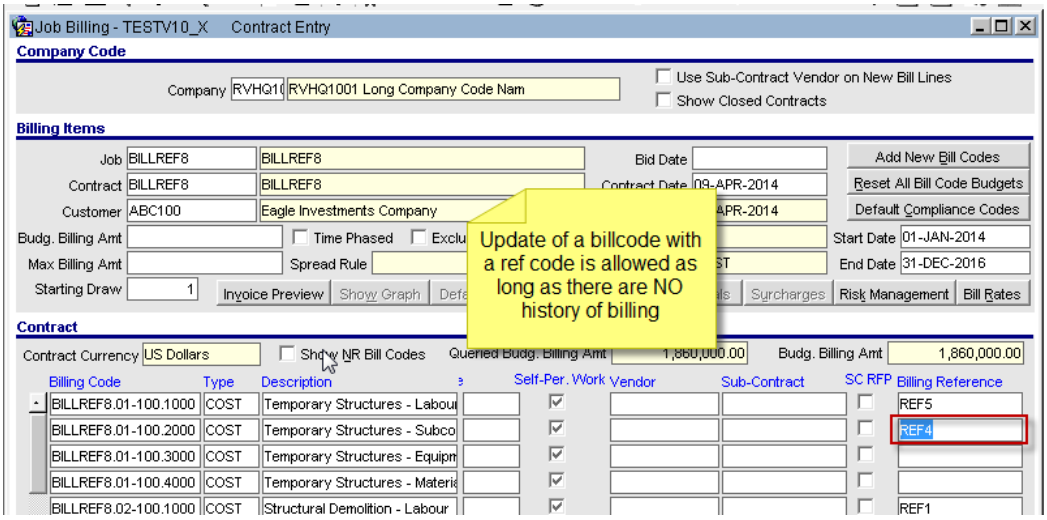

Job Billing - TESTV10_X G/C Prepare Bill
Group
RVHQ1 BILLREF8 BILLREF8 ABC100 ABC100 Customer Name Update 1 0
Add Bill Codes Update Budget ReCalc. Billings Generate Print Draft Print
Budg. Billing Amt 1,860,000.00 Billed To Date 100.00 % Complete 0.01 Current Billing 100.00
Bill Code
Total Percentage Billed 0.01
Billing Code Description Budg. Billing Amt Material Stored Curr Completed Compl & Stored % Complete Total Bill less Ret.
BILLREF8.01-100.1000 Temporary Structures - Labour 100,000.00 0.00 100.00 100.00 0.10 90.00
BILLREF8.01-100.2000 Temporary Structures - Subcor 110,000.00 0.00 0.00 0.00 0.00 0.00
BILLREF8.01-100.3000 Temporary Structures - Equipm 120,000.00 0.00 0.00 0.00 0.00 0.00
BILLREF8.01-100.4000 Temporary Structures - Materis 130,000.00 0.00 0.00 0.00 0.00 0.00
BILLREF8.02-100.1000 Structural Demolition - Labour 140,000.00 0.00 0.00 0.00 0.00 0.00
BILLREF8.02-100.2000 Structural Demolition - Subcont 150,000.00 0.00 0.00 0.00 0.00 0.00
BILLREF8.02-100.3000 Structural Demolition - Equipme 160,000.00 0.00 0.00 0.00 0.00 0.00
BILLREF8.02-100.4000 Structural Demolition - Material 170,000.00 0.00 0.00 0.00 0.00 0.00
BILLREF8.03-100.1000 Structural Concrete - Labo 180,000.00 0.00 0.00 0.00 0.00 0.00
BILLREF8.03-100.2000 Structural Concrete - Subcontr 190,000.00 0.00 0.00 0.00 0.00 0.00
1,860,000.00 0.00 100.00 100.00 0.01 90.00


Job Billing - TESTV10_X Contract Entry
Company Code
Company RVHQ1(RVHQ1001 Long Company Code Nam
Use Sub-Contract Vendor on New Bill Lines
Show Closed Contracts
Billing Items
Job BILLREF8 BILLREF8 Bid Date
Contract BILLREF8 BILLREF8 Contract Date 09-APR-2014
Customer ABC100 ABC100 Customer Name Update Approved Date 09-APR-2014
Budg. Billing Amt Time Phased Start Date 01-JAN-2014
Max Billing Amt Spread Rule End Date 31-DEC-2016
Starting Draw 1
Add New Bill Codes
Reset All Bill Code Budgets
Default Compliance Codes
Invoice Preview Show Gr Surcharges Risk Management Bill Rates
The Contract Entry allows the update of reference code, when at Draw 1 / Rev 0 which is unposted and invalidates the bill
Contract
Contract Currency US Dollars Show NR Bill C Budg. Billing Amt 1,860,000.00
Billing Code Type Description Self-Per. Work Vendor Sub-Contract SC RFP Billing Reference
BILLREF8.01-100.1000 COST Temporary Structures - Labou REF5
BILLREF8.01-100.2000 COST Temporary Structures - Subco
BILLREF8.01-100.3000 COST Temporary Structures - Equipm
BILLREF8.01-100.4000 COST Temporary Structures - Materi
BILLREF8.02-100.1000 COST Structural Demolition - Labour REF1

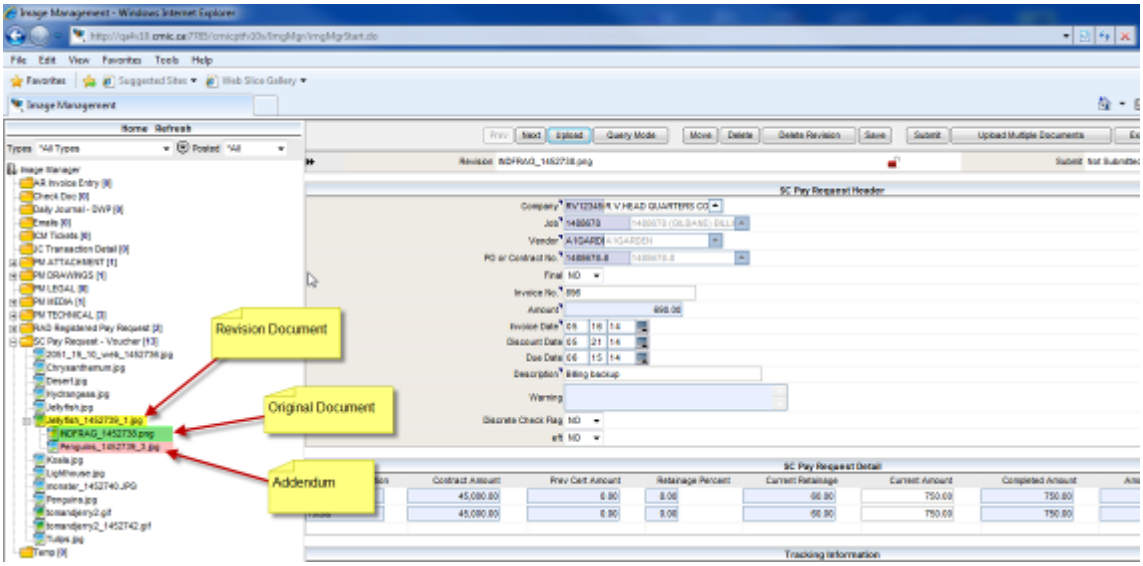


3. The reference code assigned to a bill code, that was billed in a previously posted draw, will NOT be allowed to be updated or deleted.


Action Edit Block Field Record Query Utility Help Window
Job Billing - TESTV10_X Contract Entry
Company Code
Company RVHQ1 RVHQ1001 Long Company Code Nam
Use Sub-Contract Vendor on New Bill Lines
Show Closed Contracts
Billing Items
Job BILLREF8 BILLREF8
Contract BILLREF8 BILLREF8
Customer ABC100 Eagle Investments Company
Budg. Billing Amt
Max Billing Amt
Starting Draw 1
Bid Date
Contract Date 09-APR-2014
Approved Date 09-APR-2014
Start Date 01-JAN-2014
End Date 31-DEC-2016
Add New Bill Codes
Reset All Bill Code Budgets
Default Compliance Codes
Risk Management
Bill Rates
Forms
Bill Code BILLREF8.01-100.1000 is included in previously created draw(s) or an un-posted revision exists, where no invoice was generated in the main draw for billing reference .Update not allowed.
OK
Contract
Contract Currency US Dollars
Budg. Billing Amt 1,860,000.00
Billing Code Type Billing Reference
BILLREF8.01-100.1000 COST
BILLREF8.01-100.2000 COST Temporary Structures - Subco
BILLREF8.01-100.3000 COST Temporary Structures - Equipm
BILLREF8.01-100.4000 COST Temporary Structures - Materi
BILLREF8.02-100.1000 COST Structural Demolition - Labour REF1
BILLREF8.02-100.2000 COST Structural Demolition - Subcont REF1
BILLREF8.02-100.3000 COST Structural Demolition - Equipme REF1
Billing Cost Plus Markup
Group 1 BILLREF8
Generate Time Phased Budget
View/Edit Time Phased Budget
Group
Details
Clear the REF5 from the billcode that was billed in previously posted draw...
Enter Separate Billing Reference Code
Record: 1/12
List of Valu...
<OSC>


Job Billing - TESTV10_X Contract Entry
Company Code
Company RVHQ1 RVHQ1001 Long Company Code Nam
Use Sub-Contract Vendor on New Bill Lines
Show Closed Contracts
Billing Items
Job BILLREF8 BILLREF8
Contract BILLREF8 BILLREF8
Customer ABC100 Eagle Investments Company
Budg. Billing Amt
Time Phased
Max Billing Amt
Spread Rule
Starting Draw 1
Invoice Preview
Show Graph
Bid Date
Contract Date 09-APR-2014
Start Date 01-JAN-2014
End Date 31-DEC-2016
Add New Bill Codes
Reset All Bill Code Budgets
Default Compliance Codes
Surcharges
Risk Management
Bill Rates
Update of a billcode with a ref code is allowed as long as there are NO history of billing
Contract
Contract Currency US Dollars
Show NR Bill Codes
Queried Budg. Billing Amt 1,860,000.00
Budg. Billing Amt 1,860,000.00
Billing Code Type Description Self-Per. Work Vendor Sub-Contract SC RFP Billing Reference
BILLREF8.01-100.1000 COST Temporary Structures - Labou REF5
BILLREF8.01-100.2000 COST Temporary Structures - Subco REF4
BILLREF8.01-100.3000 COST Temporary Structures - Equipm
BILLREF8.01-100.4000 COST Temporary Structures - Materi
BILLREF8.02-100.1000 COST Structural Demolition - Labour REF1

Billing Backup with Image Links to include Addenda (14.88678)



When creating billing albums for backup report, copy the related 'Addendum' images/documents as well.

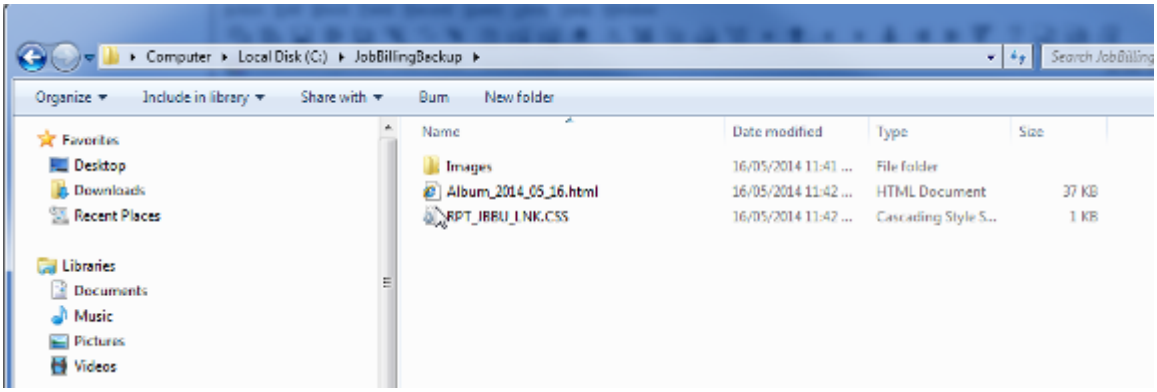
Modifications:

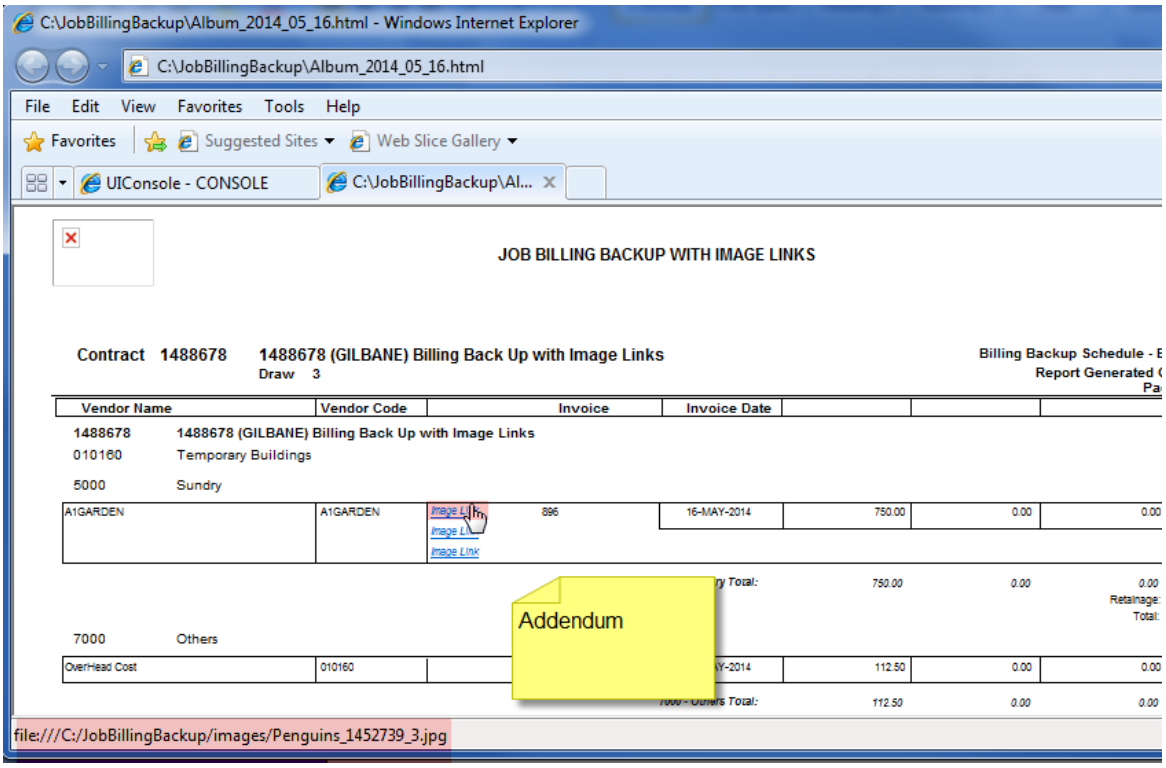
The addenda to original images/documents may be crucial for the billing album backup when sending to the owner, as well as for audit purposes.

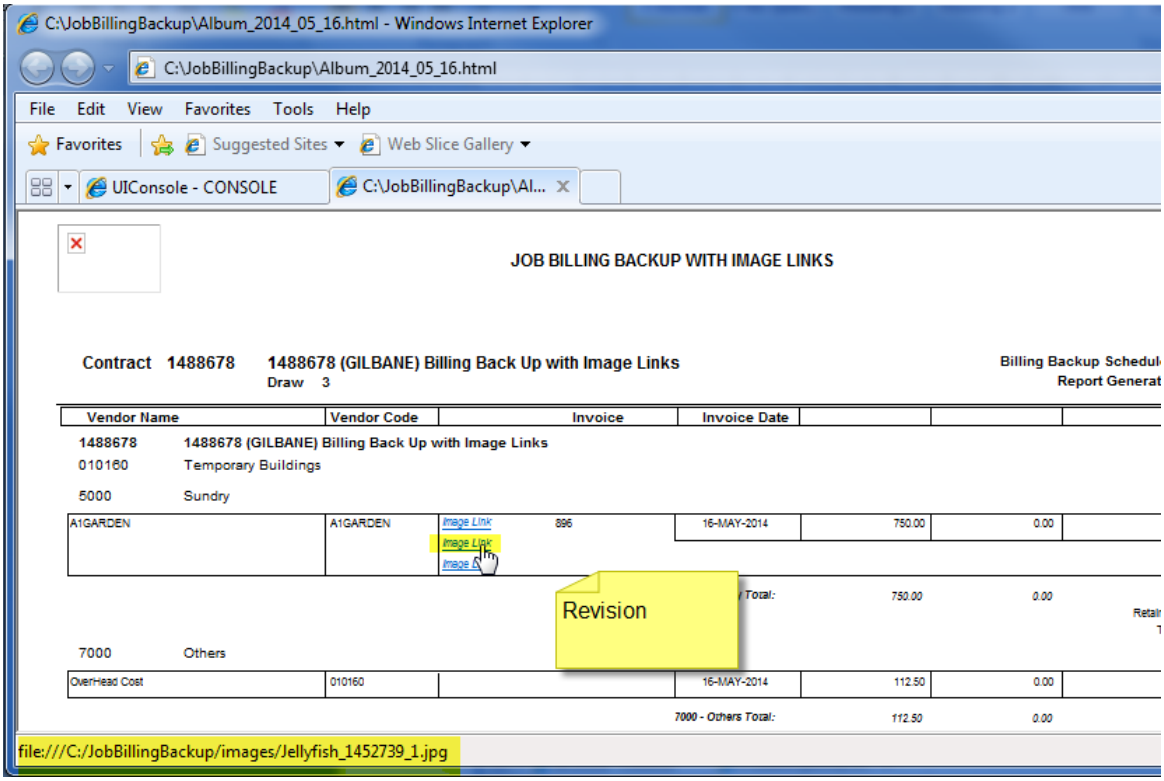
The Billing Backup with Image Links form and report along with related package bodies and views are modified for this enhancement.

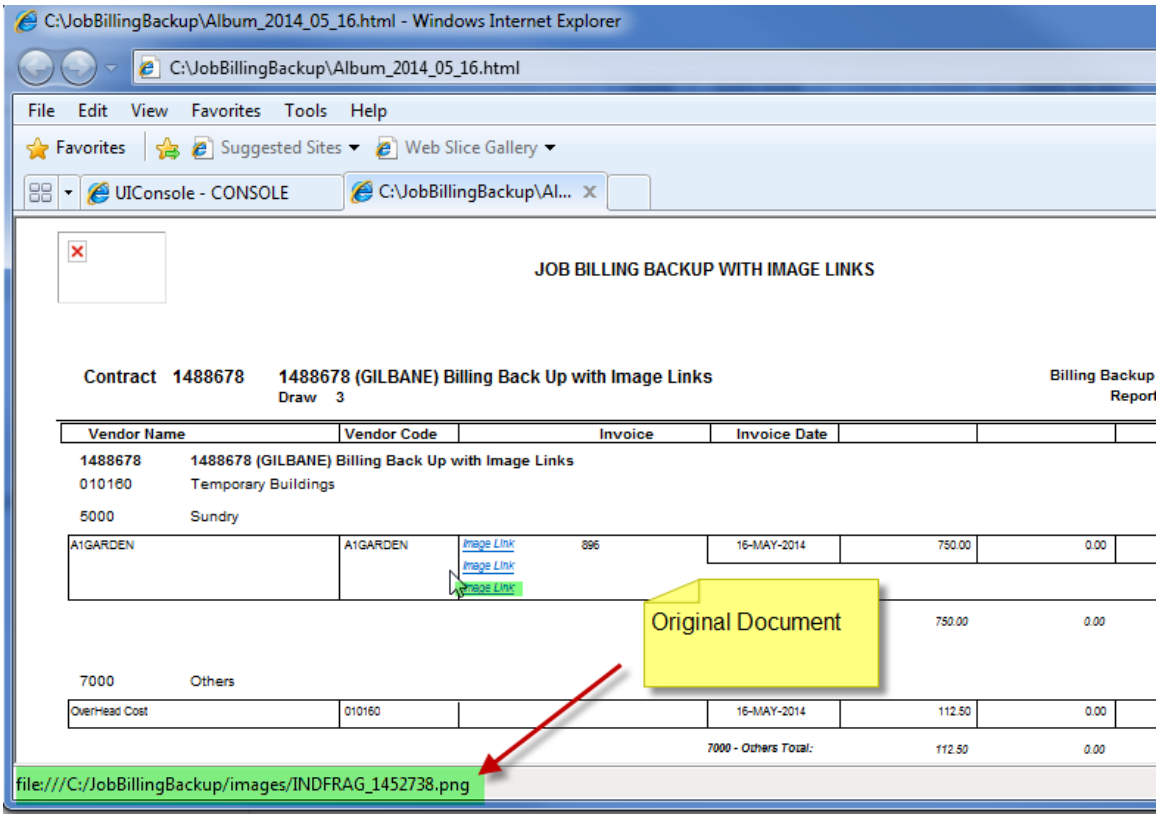
Image Manager > The document tree view showing revisions & addendums to an original document/image. When generating the billing back up with image links all three related images are linked and copied to the directory specified.

The following example outlines this enhancement.




C:\JobBillingBackup\Album_2014_05_16.html - Windows Internet Explorer
C:\JobBillingBackup\Album_2014_05_16.html
File Edit View Favorites Tools Help
Favorites
Suggested Sites
Web Slice Gallery
UIConsole - CONSOLE
C:\JobBillingBackup\Al...
JOB BILLING BACKUP WITH IMAGE LINKS
Contract 1488678
1488678 (GILBANE) Billing Back Up with Image Links
Draw 3
Vendor Name
Vendor Code
Invoice
Invoice Date
1488678
1488678 (GILBANE) Billing Back Up with Image Links
010160
Temporary Buildings
5000
Sundry
A1GARDEN
A1GARDEN
Image Link
896
16-MAY-2014
750.00
0.00
0.00
Addendum
7000
Others
OverHead Cost
010160
112.50
0.00
0.00
file:///C:/JobBillingBackup/images/Penguins_1452739_3.jpg


C:\JobBillingBackup\Album_2014_05_16.html - Windows Internet Explorer
C:\JobBillingBackup\Album_2014_05_16.html
File Edit View Favorites Tools Help
Favorites
Suggested Sites
Web Slice Gallery
UIConsole - CONSOLE
C:\JobBillingBackup\Al...
JOB BILLING BACKUP WITH IMAGE LINKS
Contract 1488678
1488678 (GILBANE) Billing Back Up with Image Links
Draw 3
Vendor Name
Vendor Code
Invoice
Invoice Date
1488678
1488678 (GILBANE) Billing Back Up with Image Links
010160
Temporary Buildings
5000
Sundry
A1GARDEN
A1GARDEN
Image Link
896
16-MAY-2014
750.00
0.00
Revision
7000
Others
OverHead Cost
010160
16-MAY-2014
112.50
0.00
7000 - Others Total:
112.50
0.00
file:///C:/JobBillingBackup/images/Jellyfish_1452739_1.jpg



PCI Detail Billing - Enhancements (14.88395)

The purpose of this modification is to enhance PCI detail billing and allow for billing posted PCI's with overrides, independent of the original budgets. The G/C Prepare Billing form is modified with a new '**radio button**' group, with the following options:

Combined

Displays the billing information for the entire contract, as before.

Original

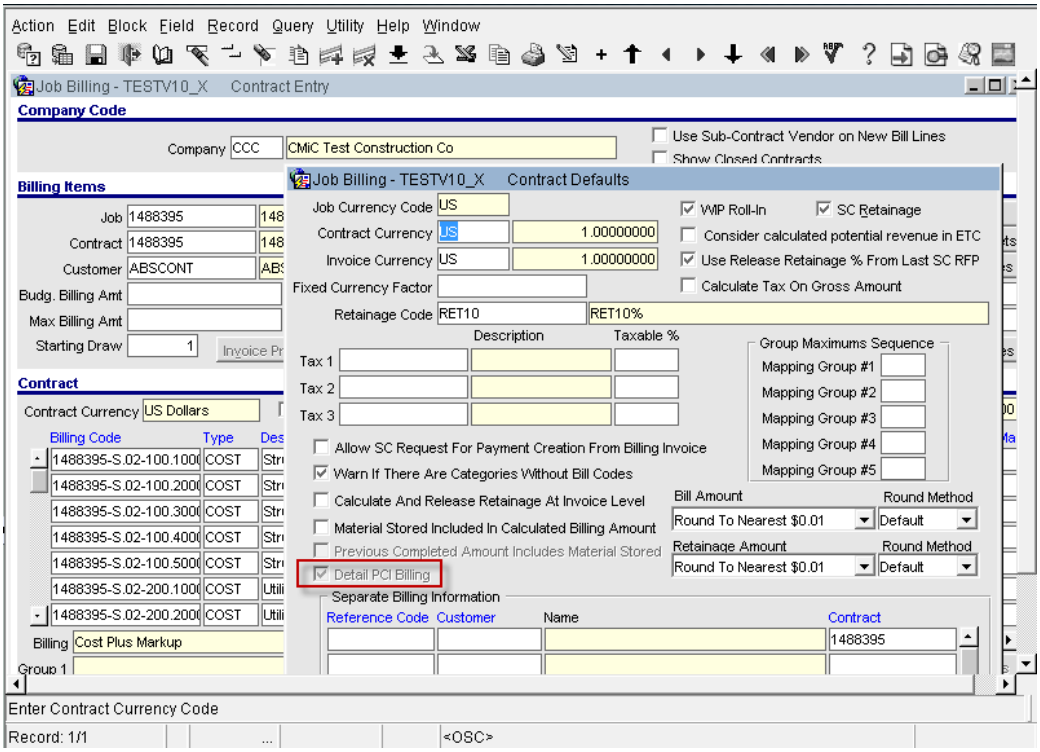
Displays the information / bill codes with original budget only.

Changes

Displays the information for bill codes associated with a posted PCI

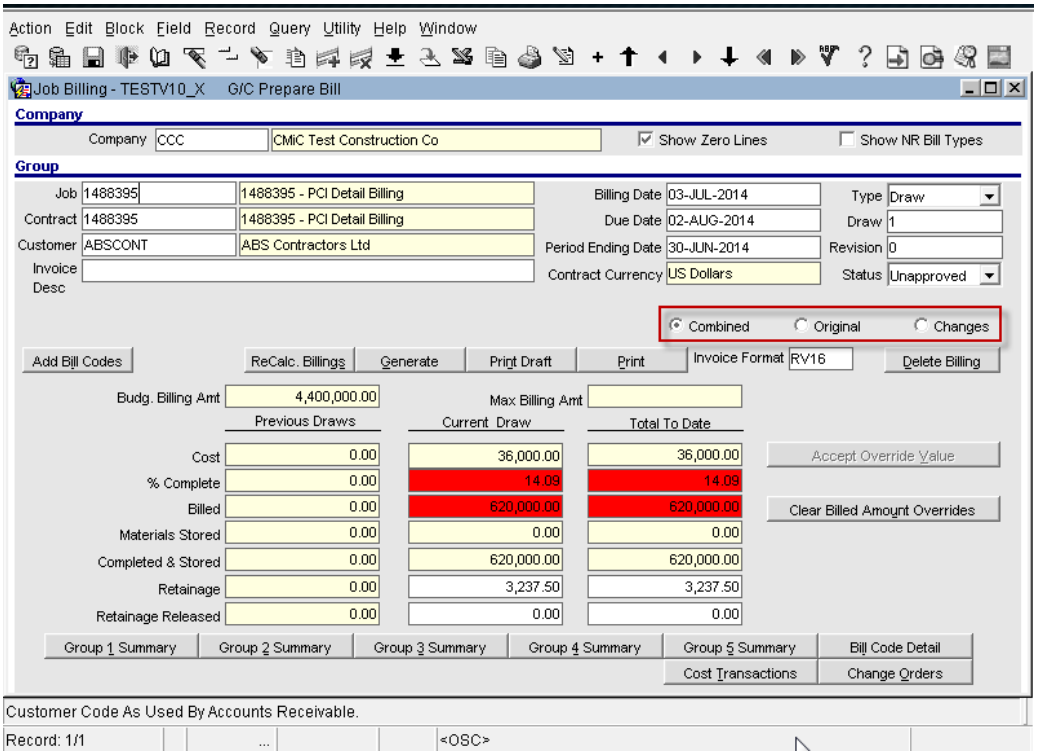
9. The radio buttons are visible only when the Billing Contract is set to use 'PCI Detail Billing'.
10. The default value is 'Combined' when a new billing is created. Users may update as required.
11. The radio buttons are also available in all Group Summary and Bill Code details screens.

12. The value set in the main screen when generating an invoice, will be reflected when navigating to the group level or bill code level popup screens. Users may update the value as required at any time.
13. Updating the value of the radio options automatically triggers 'recalculation' of the bill to keep the records
14. When a draw/revision is re-visited, then the last stored radio button value will be the starting value. All levels such as Groups, bill Code levels will maintain this value and display records accordingly, unless updated by the users.
15. When deleting and re-creating a draw/revision, the radio button will be reset to the 'Combined' option.
16. The overrides performed will affect the selective records as per the option set by the users. This is applicable to both billed and retention amounts.
17. 'Clear Overrides' is modified to follow the radio option selected and will perform selective clearing of overrides.
18. There are no changes to any billing invoices or reports. The radio options provide a convenient way of performing selective filtering of bill codes either with original budgets or associated with posted changes, and perform selective overrides / review the billing information selectively.

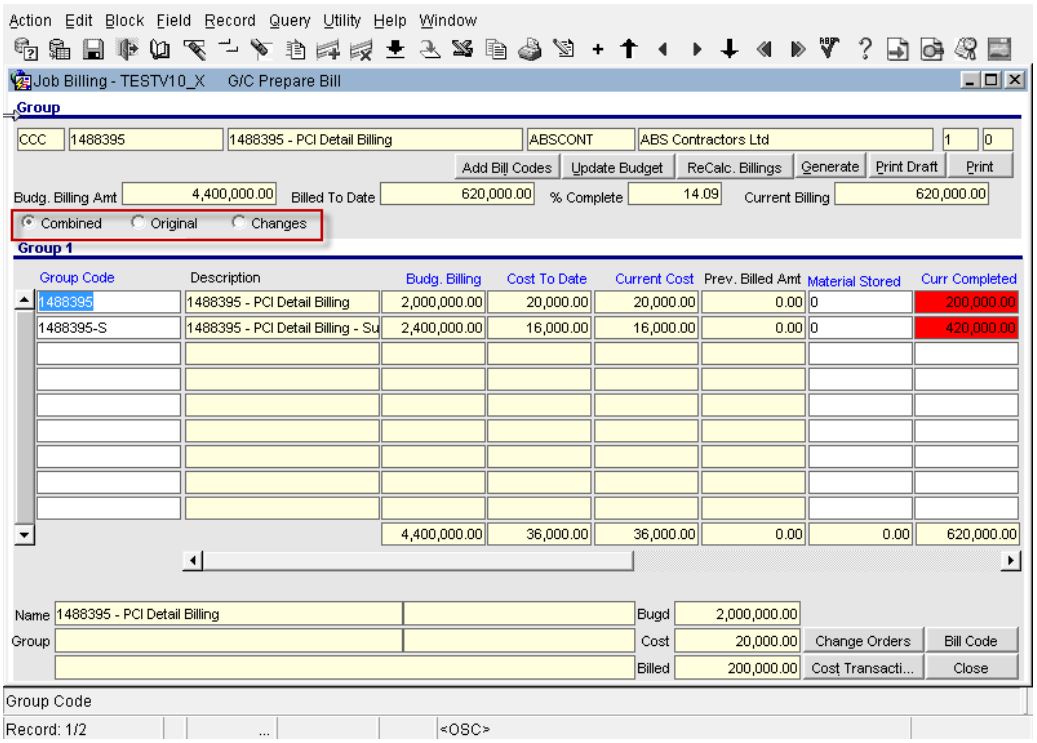


JB > Contract Entry Screen (jbcont.fmx)

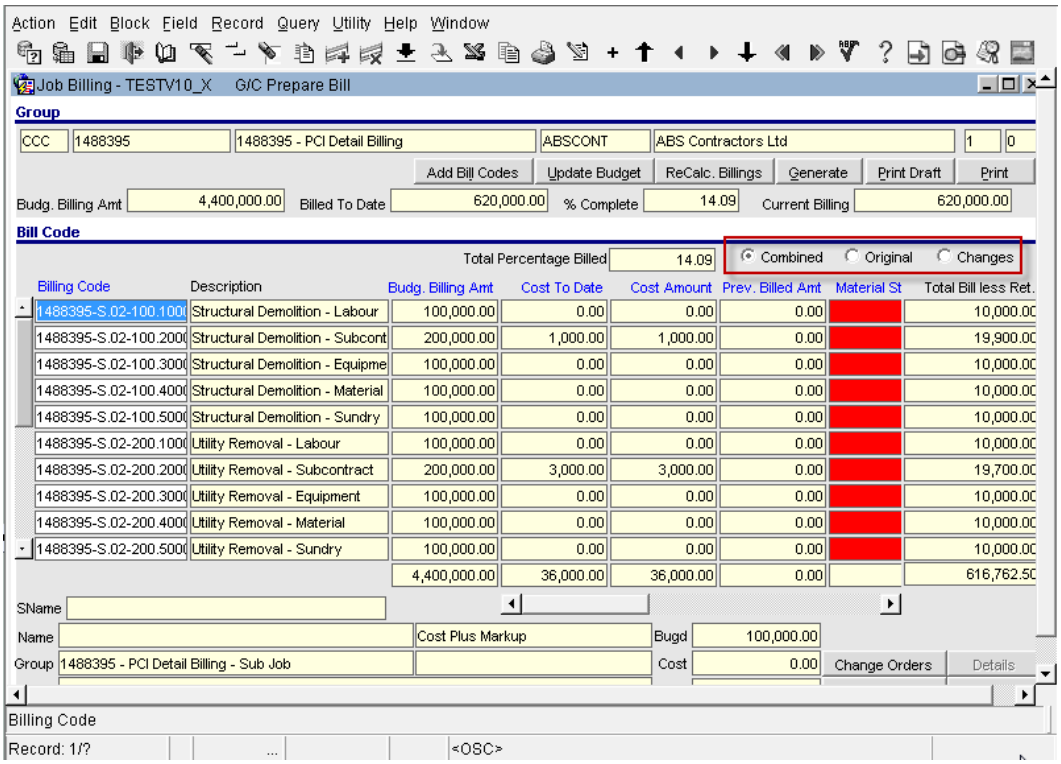
The radio buttons will be visible and active, only when the Job Billing Contract is set to use PCI Detail Billing as shown.



JB > G/C Prepare Bill (jbbill2.fmx)

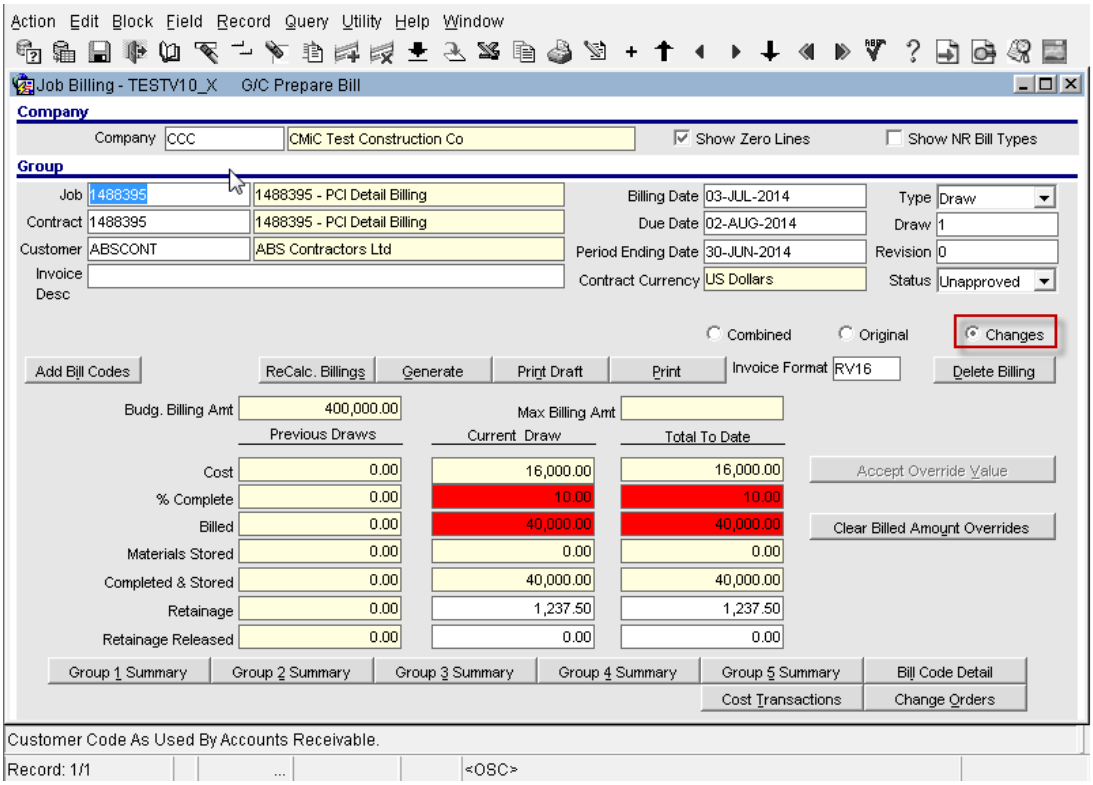


G/C Prepare Bill > Group Summary pop-up screen

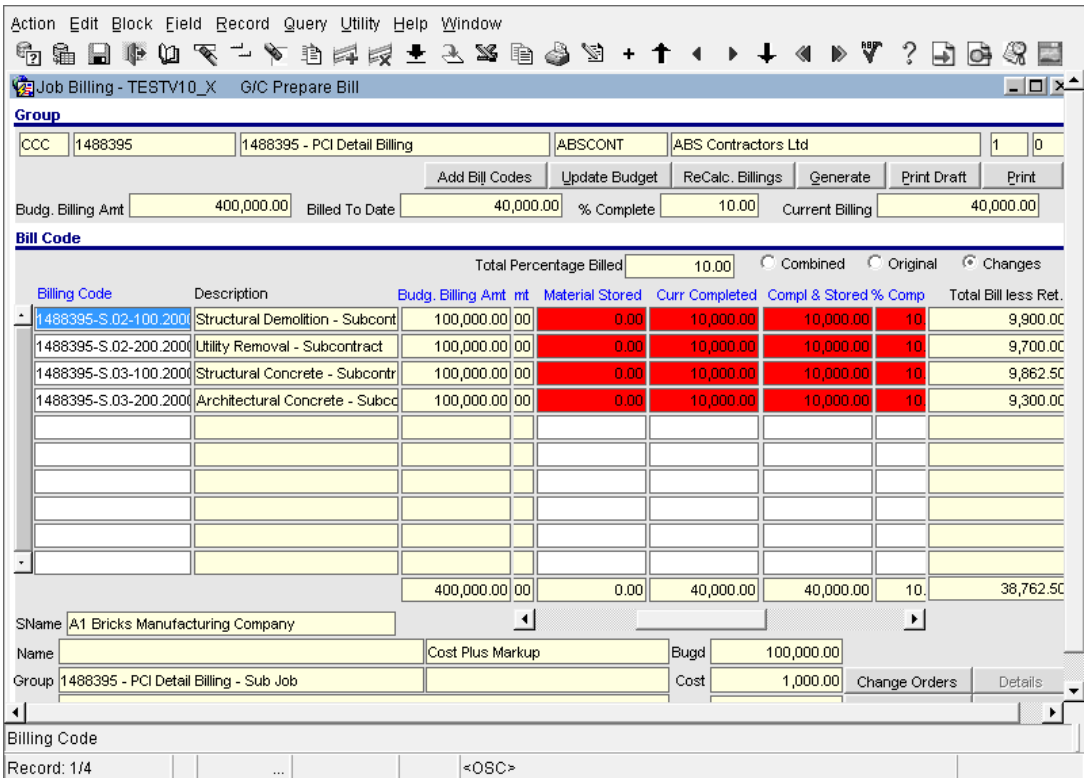


G/C Prepare Bill > Bill Code pop-up screen

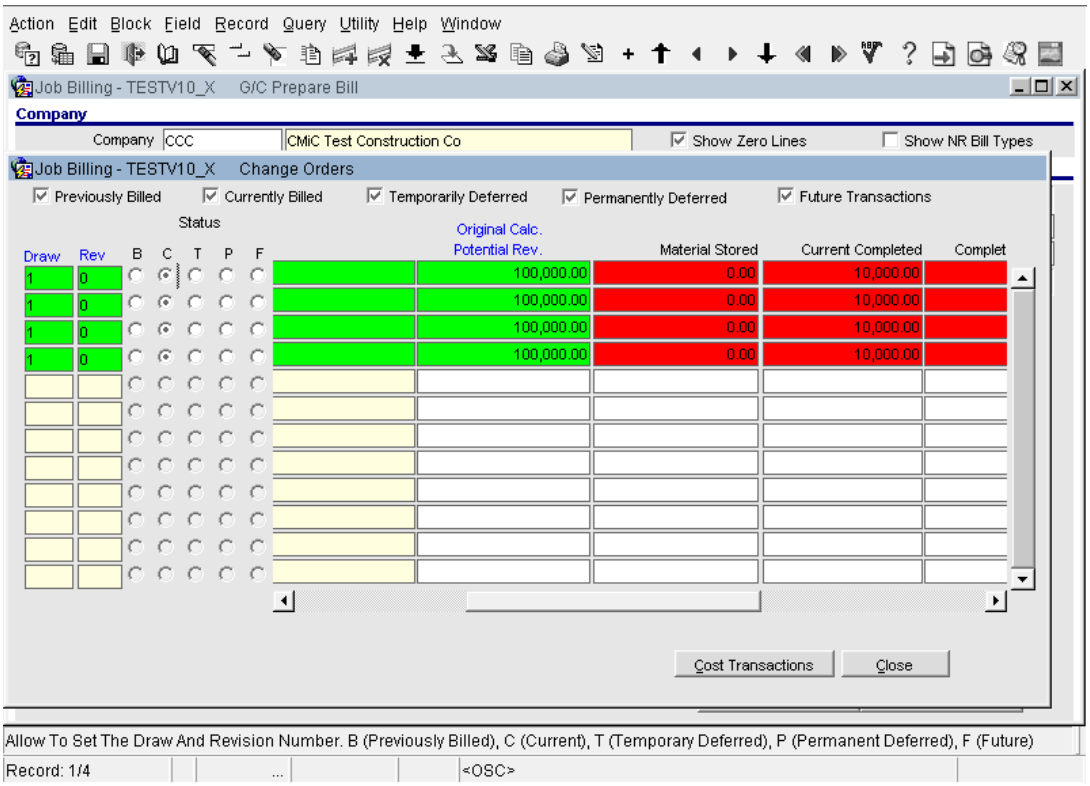
Example with 'Changes' option:



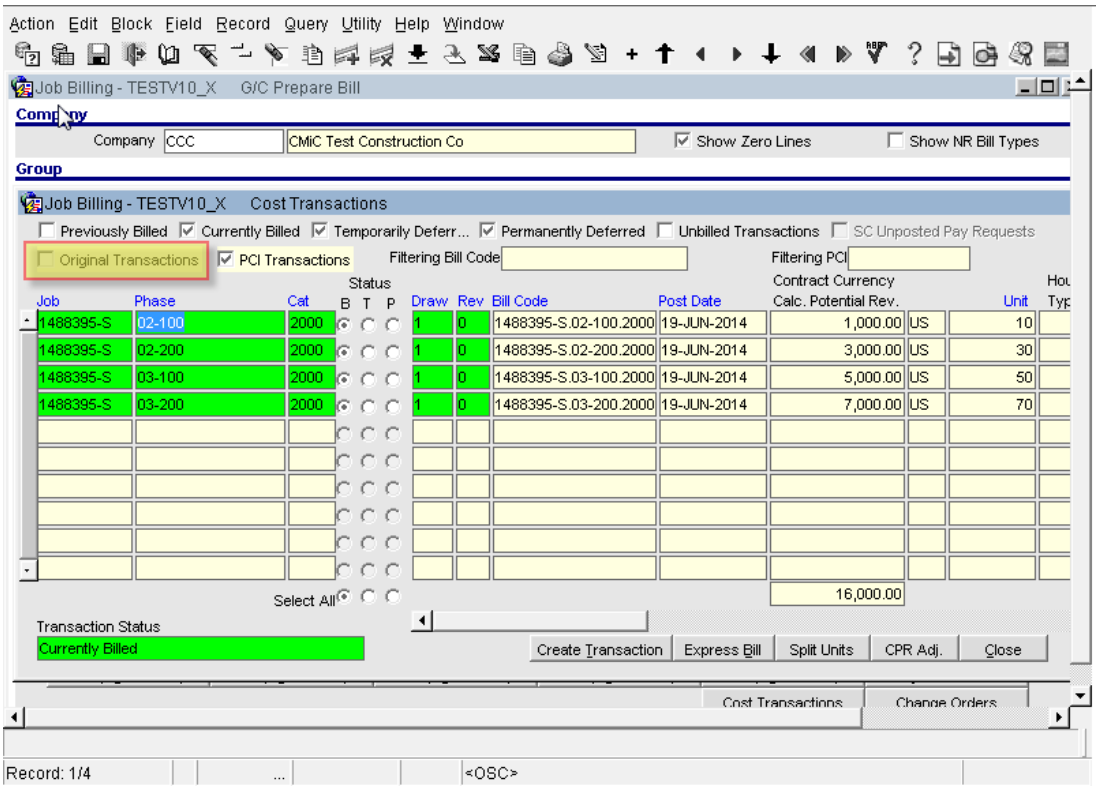
Overrides at contract level will be distributed to all bill codes associated with the changes.



Bill Codes pop up screen displays the overrides applied to bill codes associated with changes only.



The ‘Changes’ option displays all the change orders, with their status such as currently included.



Cost Transaction pop-up:

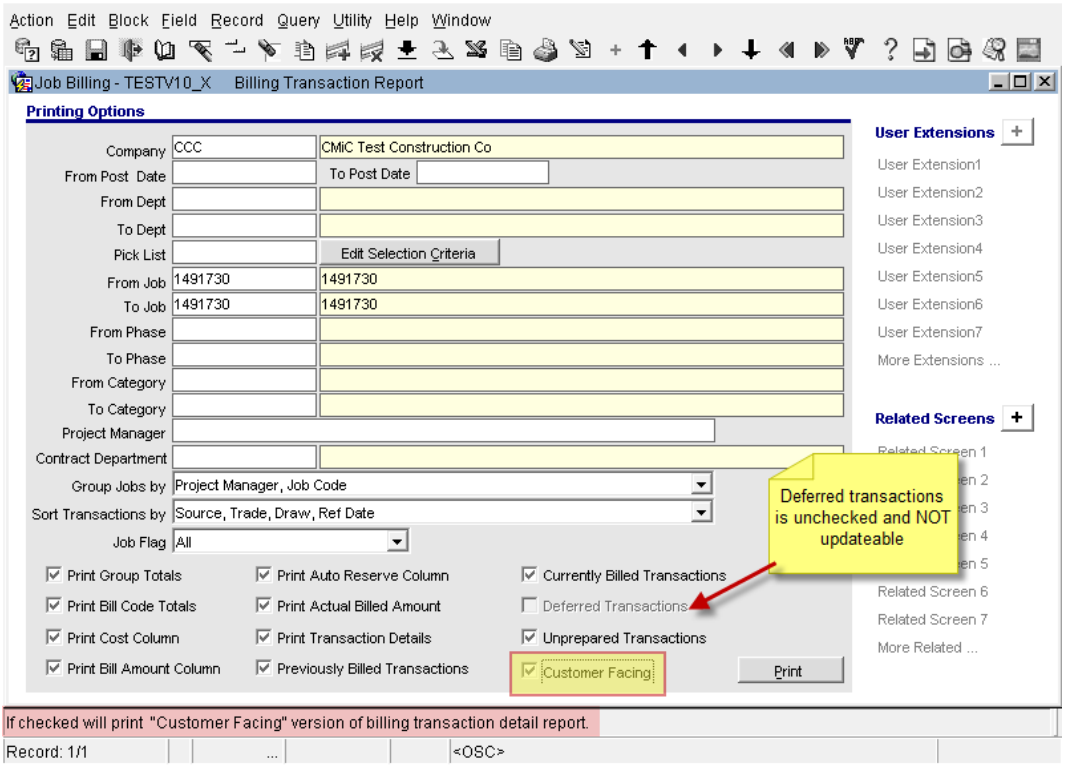
Cost transactions popup when called with ‘Changes’ option, the ‘Original Transactions’ is NOT updateable by users and the cost transactions displayed are only for those billcodes associated with posted changes.

Billing Transactions Report - Customer Facing Version (14.91730)

Added the 'Customer Facing' version of Job Billing Transaction Detail' Report (JB1000_FACING.rep) with suppressing the deferred transactions from the detail and total lines as one of the main objectives.

Modifications:

The Billing Transaction Report launch form is modified with a flag 'Customer Facing'.



Job Billing > Reports > Billing Transaction Report (jb1000.fmx)

The default value is set as 'N' (unchecked) and the existing report JB1000.rep will be printed.

When set as 'Y' (checked), the new customer facing version of the report (JB1000_Facing.rep) will be printed.

Note that the 'Deferred Transactions' checkbox is unchecked and greyed out. This is because; one of the objectives of the customer facing report is to suppress the 'deferred transactions' details lines.

Report Modifications:

The following details will be suppressed, when running the report jb1000_FACING.rep

10. The Group Header information on the right of the report which includes Job Rate Code
11. Billing Method/Invoice Format details
12. Employee Trade Code in Transaction Detail lines
13. Billcode level Deferred Transaction Details & Sub-Totals of deferred transactions
14. Boxed Summary at the end of Group Totals and any deferred transactions Totals.

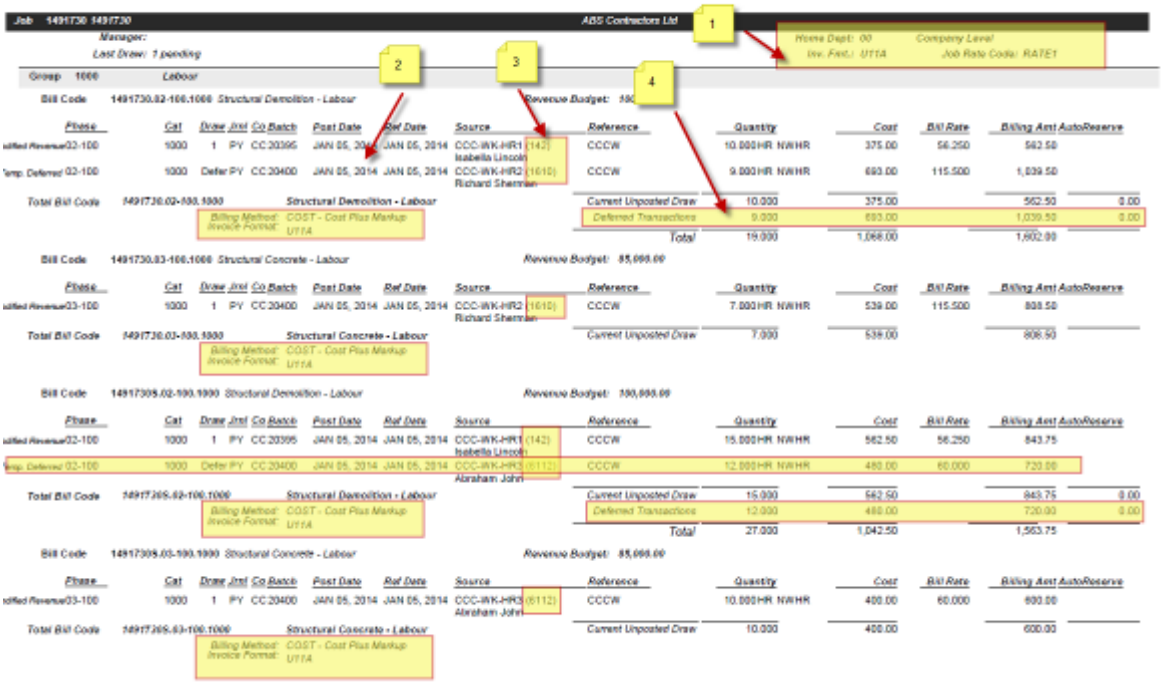
Users must note that, because the deferred transactions are suppressed, the totals now will effectively suppress the same and calculate only the billed transactions.

The following screens with 'markups' show the standard version of the report jb1000.rep and the marked up details are suppressed as shown in the customer facing version in the following pages.

CCC - CMiC Test Construction Co

JOB BILLING - BILLING TRANSACTION REPORT

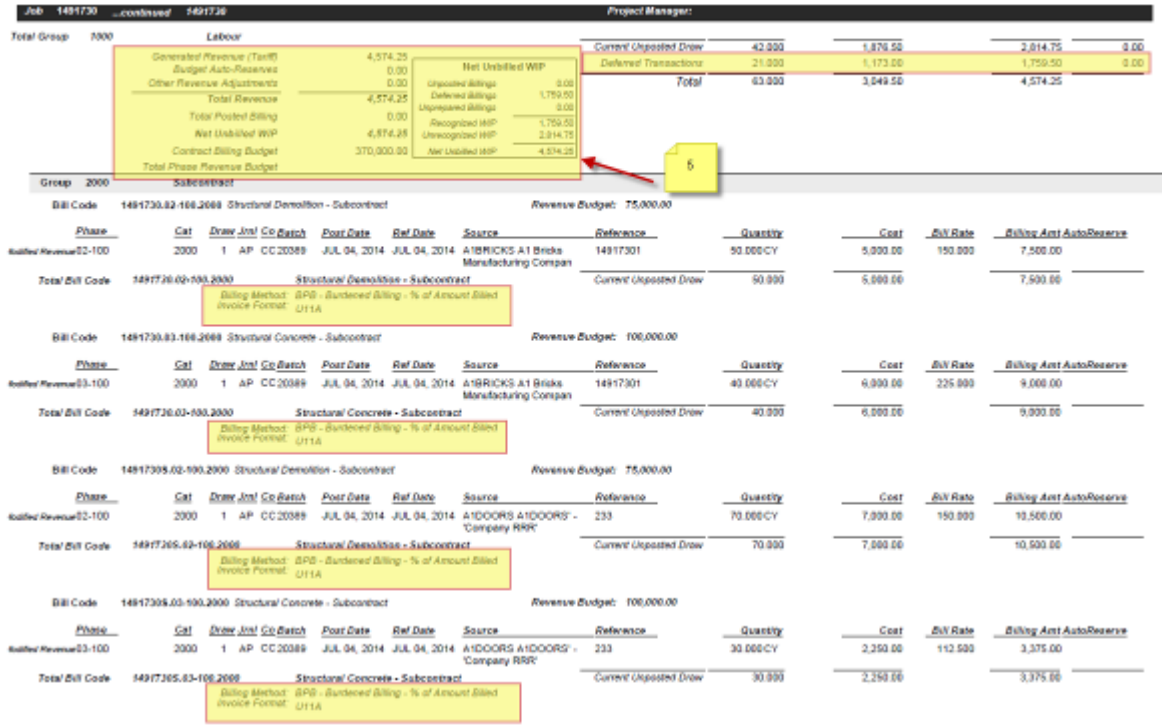
Page: 1 of 6
Date: JUL 09, 2014
Time: 02:37 PM

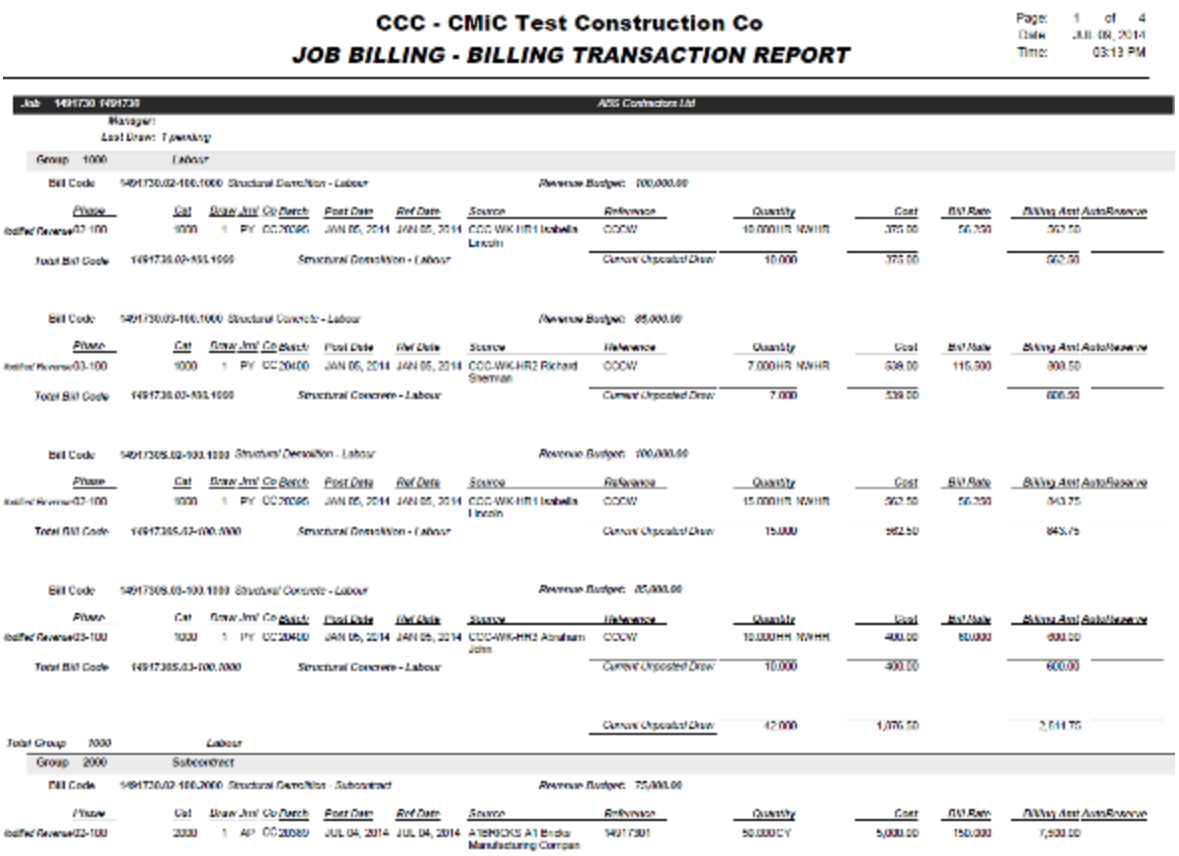


CCC - CMiC Test Construction Co

JOB BILLING - BILLING TRANSACTION REPORT

Page: 2 of 6
Date: JUL 09, 2014
Time: 02:37 PM





CCC - CMiC Test Construction Co

JOB BILLING - BILLING TRANSACTION REPORT

Page: 1 of 4
Date: JUL 09, 2014
Time: 03:13 PM

Job 1491730 1491730 — ABS Contractors Ltd
Manager:
Last Draw: Tuesday

Group 1000 Labour

Bill Code 1491730.02-100.1000 Structural Demolition - Labour — Revenue Budget: 100,000.00

Phase	Cat	Draw Jnl	Co Batch	Post Date	Ref Date	Source	Reference	Quantity	Cost	Bill Rate	Billing Amt AutoReserve
Billed Revenue 02-100	1000	1	PY CC20085	JAN 05, 2014	JAN 05, 2014	CCC-WK-HR1 Isabella Lincoln	CCCW	10.000 HR	NWHR	375.00	50.250	502.50
Total Bill Code	1491730.02-100.1000					Structural Demolition - Labour		Current Unposted Draw	10.000	375.00		502.50

Bill Code 1491730.03-100.1000 Structural Concrete - Labour — Revenue Budget: 85,000.00

Phase	Cat	Draw Jnl	Co Batch	Post Date	Ref Date	Source	Reference	Quantity	Cost	Bill Rate	Billing Amt AutoReserve
Billed Revenue 03-100	1000	1	PY CC20400	JAN 05, 2014	JAN 05, 2014	CCC-WK-HR2 Richard Sherman	CCCW	7.000 HR	NWHR	539.00	115.500	808.50
Total Bill Code	1491730.03-100.1000					Structural Concrete - Labour		Current Unposted Draw	7.000	539.00		808.50

Bill Code 1491305.02-100.1000 Structural Demolition - Labour — Revenue Budget: 100,000.00

Phase	Cat	Draw Jnl	Co Batch	Post Date	Ref Date	Source	Reference	Quantity	Cost	Bill Rate	Billing Amt AutoReserve
Billed Revenue 02-100	1000	1	PY CC20085	JAN 05, 2014	JAN 05, 2014	CCC-WK-HR1 Isabella Lincoln	CCCW	15.000 HR	NWHR	562.50	56.250	843.75
Total Bill Code	1491305.02-100.1000					Structural Demolition - Labour		Current Unposted Draw	15.000	562.50		843.75

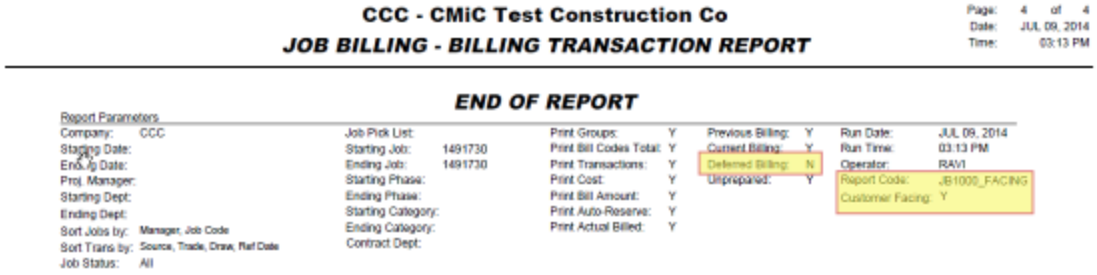
Bill Code 1491305.03-100.1000 Structural Concrete - Labour — Revenue Budget: 85,000.00

Phase	Cat	Draw Jnl	Co Batch	Post Date	Ref Date	Source	Reference	Quantity	Cost	Bill Rate	Billing Amt AutoReserve
Billed Revenue 03-100	1000	1	PY CC20400	JAN 05, 2014	JAN 05, 2014	CCC-WK-HR2 Abraham John	CCCW	10.000 HR	NWHR	400.00	60.000	600.00
Total Bill Code	1491305.03-100.1000					Structural Concrete - Labour		Current Unposted Draw	10.000	400.00		600.00
								Current Unposted Draw	42.000	1,076.50		2,044.75
Total Group 1000						Labour						

Group 2000 Subcontract

Bill Code 1491730.02-100.2000 Structural Demolition - Subcontract — Revenue Budget: 75,000.00

Phase	Cat	Draw Jnl	Co Batch	Post Date	Ref Date	Source	Reference	Quantity	Cost	Bill Rate	Billing Amt AutoReserve
Billed Revenue 02-100	2000	1	AP CC20389	JUL 04, 2014	JUL 04, 2014	A1BRICKS A1 Bricks Manufacturing Compan	1491730	50.000 CY	5,000.00	150.000	7,500.00



CCC - CMiC Test Construction Co

JOB BILLING - BILLING TRANSACTION REPORT

Page: 4 of 4
Date: JUL 09, 2014
Time: 03:13 PM

END OF REPORT

Report Parameters

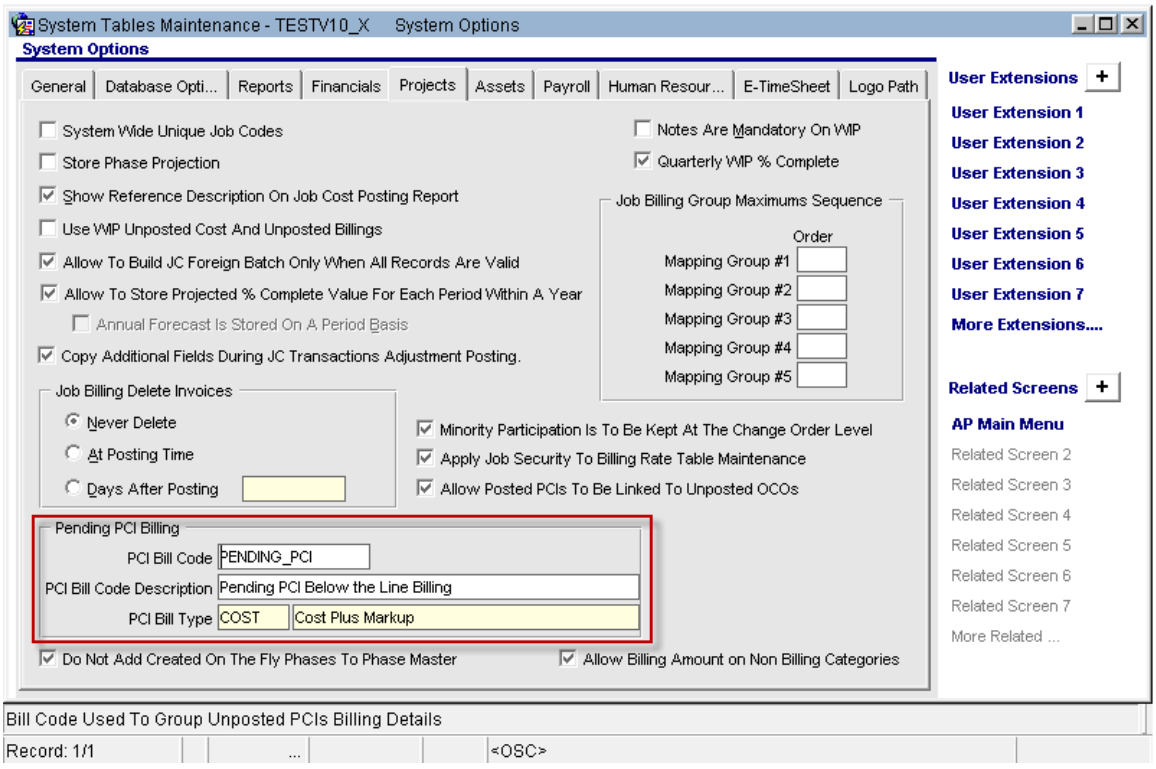
Company:	CCC	Job Pick List:		Print Groups:	Y	Previous Billing:	Y	Run Date:	JUL 09, 2014
Starting Date:		Starting Job:	1491730	Print Bill Codes Total:	Y	Current Billing:	Y	Run Time:	03:13 PM
Ending Date:		Ending Job:	1491730	Print Transactions:	Y	Deferred Billing:	N	Operator:	RAVI
Proj. Manager:		Starting Phase:		Print Cost:	Y	Unprepared:	Y	Report Code:	JB1000_FACING
Starting Dept:		Ending Phase:		Print Bill Amount:	Y			Customer Facing:	Y
Ending Dept:		Starting Category:		Print Auto-Reserve:	Y				
Sort Jobs by:	Manager, Job Code	Ending Category:		Print Actual Billed:	Y				
Sort Trans by:	Source, Trade, Draw, Ref Date	Contract Dept:							
Job Status:	All								

Pending PCI Billing - REF Codes & Separate Billing (14.91214)

The 'Pending PCI Billing' is enhanced with the ability to assign 'Job Billing Reference' codes to pending PCIs included in a billing cycle and hence the 'Separate Billing' feature may also be extended to Pending PCI Billing.

Recap of Existing Pending PCI Billing Functionality:

- This functionality allows for the billing of an un-posted PCI where there have been costs associated to the PCI via a Transaction using a WBS Code to link the transaction to a PCI number.
- The PCI details will be generated by default as the last bill code on a contract and print by default ‘Below the Line’ which means they will always print AFTER the last line of the contract details on the G703.
- The system by default will bill 100% of the PCI Billing Amount, this can however be overridden.
- The G702 will not include the PCI amount in any contract related total except for the billed amounts.
- Once a PCI has been posted, the ‘Below the Line’ details will be moved to their correct billing code unless they are marked as 'Always Below The Line'.
- This feature must be manually turned 'ON' at the client by CMiC, if the client requires to use Pending PCI Billing functionality. When turned 'ON', the system options program shows the 'Pending PCI Bill code' fields for user entry and once used in any billing cannot be modified.



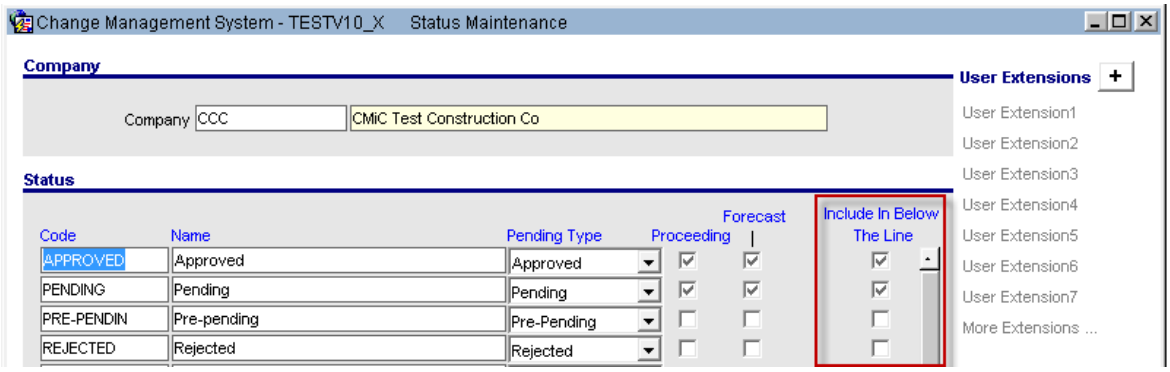
System Options

The following must also be understood:

- This functionality is only available in the G/C Prepare Billing program (JBBILL2.fmx).

- This functionality only works with the AIA format JBPB-U17.
- This functionality works with or without WBS Code is linked to PCI
- The PCI must have a status of either 'Pending' or 'Approved'.

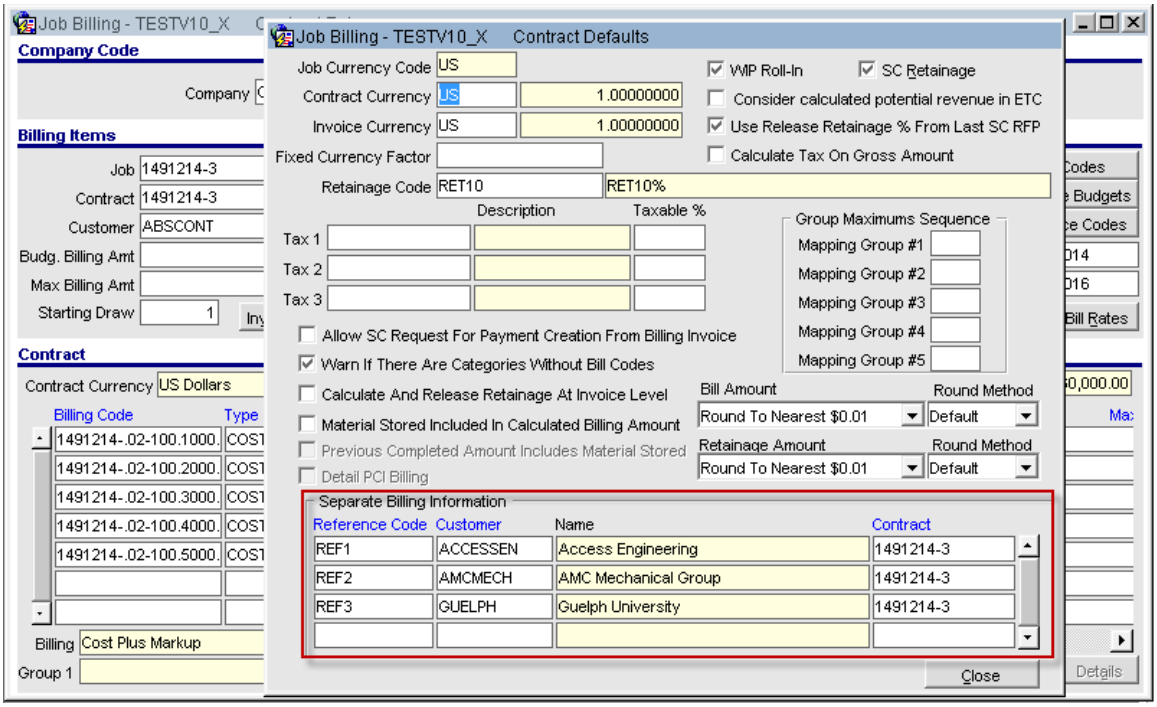
Change Management - Status Maintenance:



Change management > Status Maintenance

Check the 'Include In Below The Line' flag against the required Statuses. This is allowed for either 'pending' or 'Approved' statuses only.

JB Contract Entry - Reference Codes Setup:

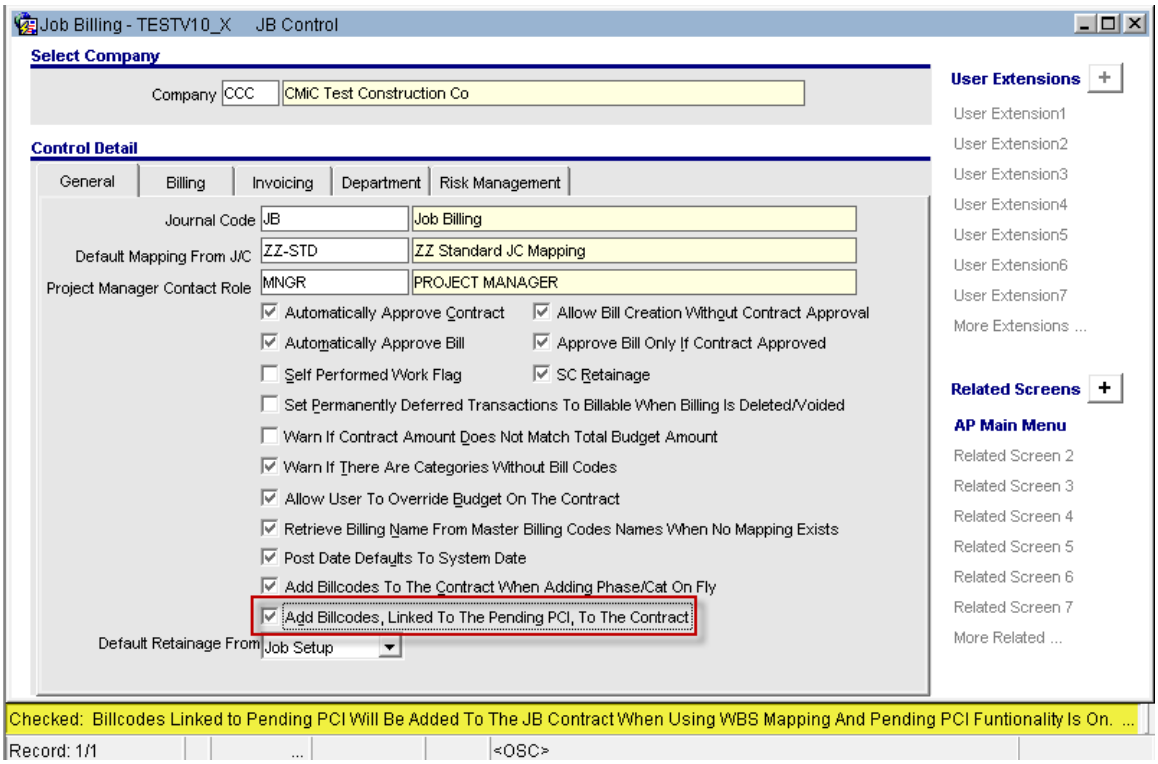


JB Contract Entry > Defaults > Reference Codes

Users may enter 'Reference' codes and customers as required, when using 'Separate Billing' functionality.

Modifications:

JB Control:



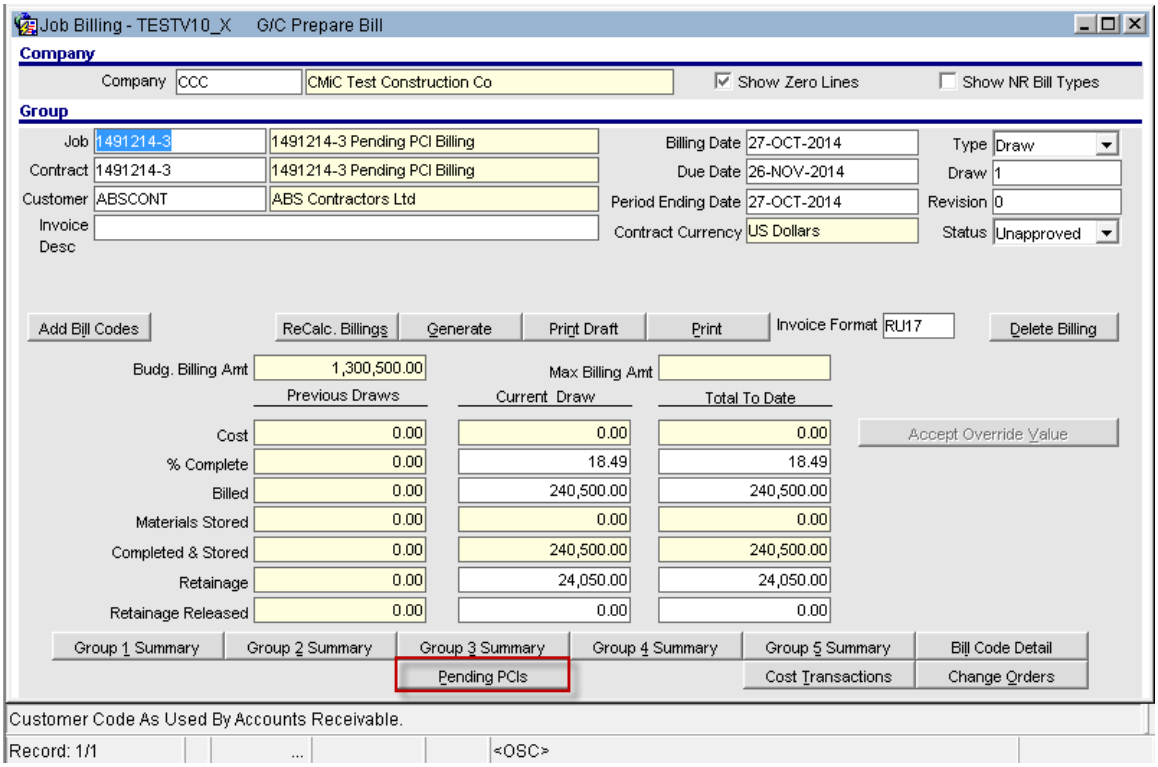
JB Control File

The JB Control > General tab is modified with a flag 'Add Bill codes linked to the Pending PCI to the Contract'.

Checked: Bill codes linked to Pending PCI (Cost transactions with the PCI Number as the WBS value) will be added to the JB Contract when using WBS mapping and Pending PCI Billing is turned ON in system options. Users must note that, they have to use 'Add Bill codes' button in order to get the bill codes added and that the system will NOT add these bill codes automatically.

Un-Checked: Bill codes linked to the Pending PCIs will NOT be added to the JB Contract until the PCI is posted.

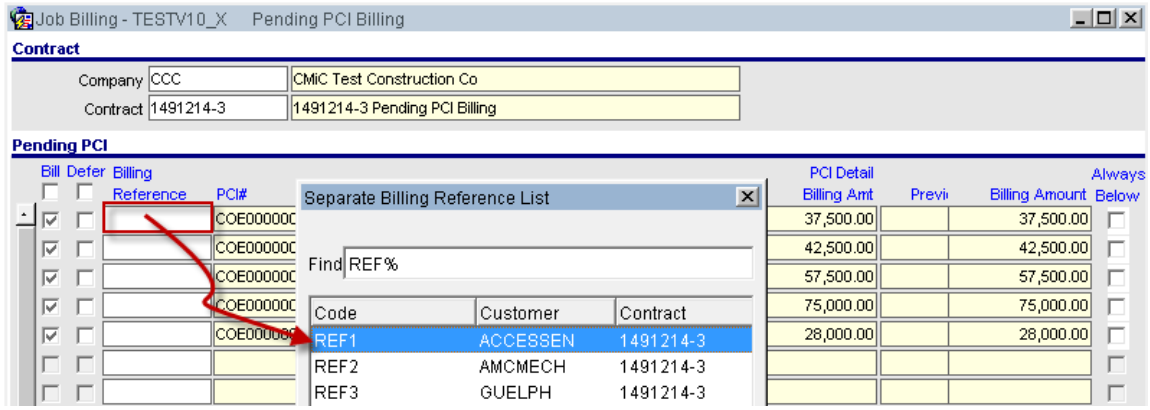
G/C Prepare Billing (JBBILL2.fmx):



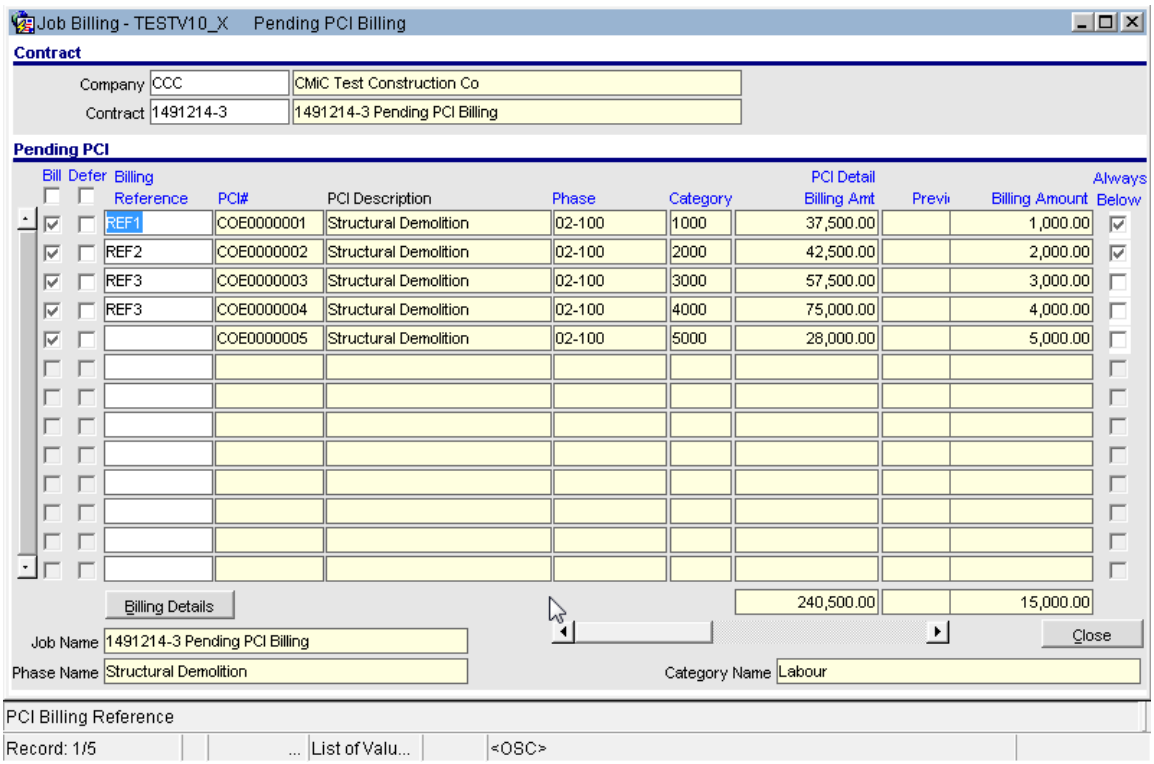
When using the Pending PCI Billing functionality, and when Pending PCIs exist for a contract during a billing cycle, the 'Pending PCI' button is enabled.

Pending PCI popup screen (jbpcibilling.fmx):

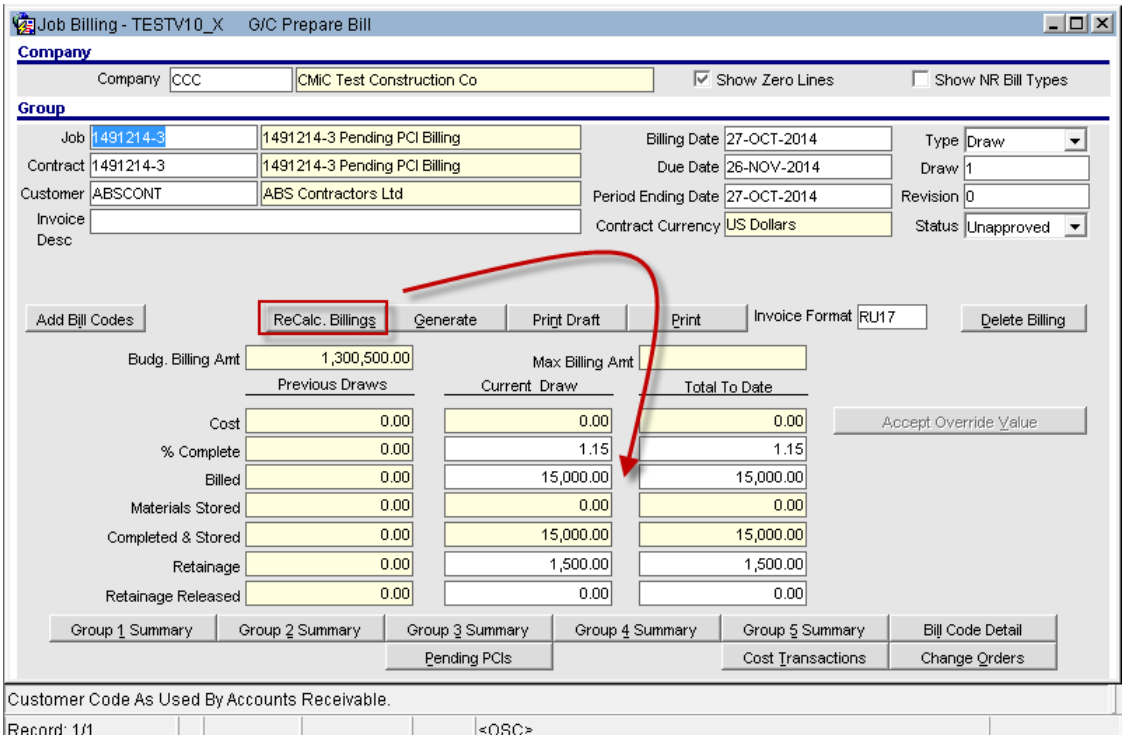
Pending PCI Billing screen is modified with a column 'Billing reference'. Users may enter or select a valid value for the Reference code as required. The LOV retrieves the reference codes setup in Contract Entry > Defaults' popup screen.



Separate Billing Reference List



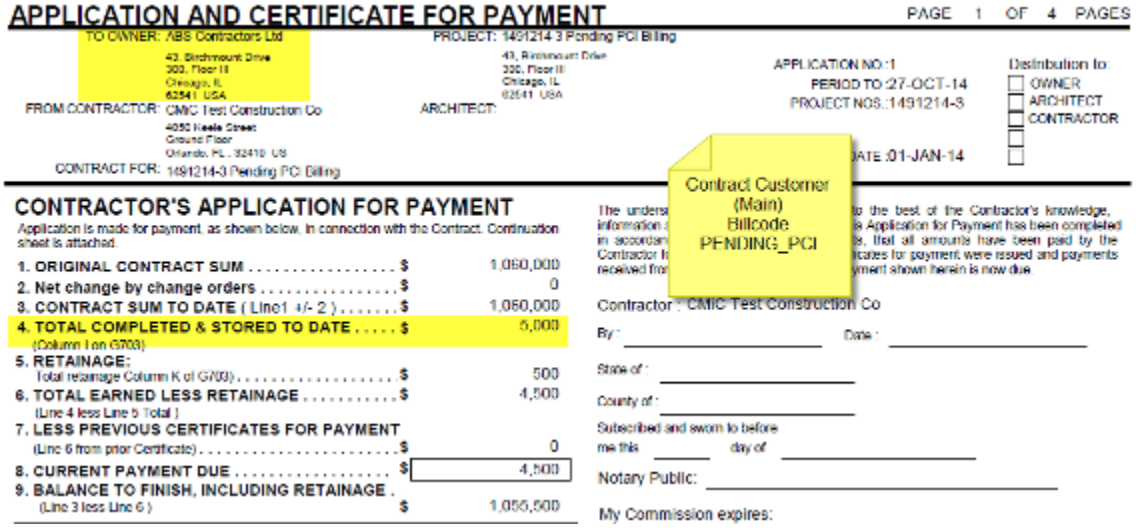
Users may enter the 'Reference' codes against the Pending PCIs, override the billing amount and set the 'Always Below' flag value as required. With this reference, users will be able to produce separate billing invoices upon posting.



Users must 'Recalculate Billings' and 'Regenerate' in order to update the billings correctly.

The Bill codes generated for Pending PCIs will be as follows and the separate Billing invoices generated for Reference code customers.

- PENDING_PCI Contract Customer (Main)
- PENDING_PCI-REF1 REF1 Customer
- PENDING_PCI-REF2 REF2 Customer
- PENDING_PCI-REF3 REF3 Customer



APPLICATION AND CERTIFICATE FOR PAYMENT

PAGE 1 OF 4 PAGES

TO OWNER: ABS Contractors Ltd
43, Birchmount Drive
300, Floor II
Chicago, IL
62541 USA

PROJECT: 1491214 3 Pending PCI Billing
43, Birchmount Drive
300, Floor II
Chicago, IL
62541 USA

APPLICATION NO: 1
PERIOD TO: 27-OCT-14
PROJECT NOS.: 1491214-3

Distribution to:
OWNER
ARCHITECT
CONTRACTOR

FROM CONTRACTOR: CMIC Test Construction Co
4050 Keele Street
Ground Floor
Orlando, FL, 32410 US

ARCHITECT:

CONTRACT FOR: 1491214-3 Pending PCI Billing

DATE: 01-JAN-14

Contract Customer (Main) Billcode PENDING_PCI

CONTRACTOR'S APPLICATION FOR PAYMENT

Application is made for payment, as shown below, in connection with the Contract. Continuation sheet is attached.

1. ORIGINAL CONTRACT SUM	$	1,060,000
2. Net change by change orders	$	0
3. CONTRACT SUM TO DATE (Line1 +/- 2)	$	1,060,000
4. TOTAL COMPLETED & STORED TO DATE (Column I on G703)	$	5,000
5. RETAINAGE: Total retainage Column K of G703)	$	500
6. TOTAL EARNED LESS RETAINAGE (Line 4 less Line 5 Total)	$	4,500
7. LESS PREVIOUS CERTIFICATES FOR PAYMENT (Line 6 from prior Certificate)	$	0
8. CURRENT PAYMENT DUE	$	4,500
9. BALANCE TO FINISH, INCLUDING RETAINAGE (Line 3 less Line 6)	$	1,055,500

The undersigned Contractor certifies that to the best of the Contractor's knowledge, information and belief the Work covered by this Application for Payment has been completed in accordance with the Contract Documents, that all amounts have been paid by the Contractor for Work for which previous Certificates for Payment were issued and payments received from the Owner, and that current payment shown herein is now due.

Contractor: CMIC Test Construction Co

By: _____ Date: _____

State of: _____

County of: _____

Subscribed and sworn to before me this _____ day of _____

Notary Public: _____

My Commission expires:

	1491214-3 Pending PCI Billing Total:	145,000	0	145,000	0	0	0	0		145,000	0	0
	Structural Demolition Total:	145,000	0	145,000	0	0	0	0		145,000	0	0
	Sundry Total:	145,000	0	145,000	0	0	0	0		145,000	0	0
	CONTRACT TOTAL :	1,000,000	0	1,000,000	0	0	0	0		1,000,000	0	0
PENDING_PCI 1491214-PCI# COE0000005	Pending PCI Below the Line Billing											
	External PCI Testing for Pending PCI Billing			20,000	0	5,000		1,000	10	23,000	600	500
	Pending PCI Below the Line Billing Total:	0	0	20,000	0	5,000	0	1,000	10	23,000	600	500
	PROJECT TOTAL :	1,000,000	0	1,000,000	0	5,000	0	1,000		1,000,000	500	500

APPLICATION AND CERTIFICATE FOR PAYMENT

PAGE 1 OF 2 PAGES

TO OWNER: Access Engineering
1050 Rourke Drive South
Suite 5444555
Chicago IL 46574
USA

PROJECT: 1491214-3 Pending PCI Billing
43, Boulevard Drive
330, Floor 8
Chicago, IL
62547 USA

APPLICATION NO.:1
PERIOD TO:27-OCT-14
PROJECT NOS.:1491214-3

Distribution to:
☐ OWNER
☐ ARCHITECT
☐ CONTRACTOR
☐
☐

FROM CONTRACTOR: CMIC Test Construction Co
4050 Keele Street
Ground Floor
Orlando, FL, 32410 US

ARCHITECT:

DATE:01-JAN-14

CONTRACT FOR: 1491214-3 Pending PCI Billing

REF1
Billcode
PENDING_PCI-REF1

CONTRACTOR'S APPLICATION FOR PAYMENT

Application is made for payment, as shown below, in connection with the Contract. Continuation sheet is attached.

1. ORIGINAL CONTRACT SUM	$	0
2. Net change by change orders	$	0
3. CONTRACT SUM TO DATE (Line1 +/- 2)	$	0
4. TOTAL COMPLETED & STORED TO DATE (Column I on G703)	$	1,000
5. RETAINAGE: Total retainage Column K of G703)	$	100
6. TOTAL EARNED LESS RETAINAGE (Line 4 less Line 5 Total)	$	900
7. LESS PREVIOUS CERTIFICATES FOR PAYMENT (Line 6 from prior Certificate)	$	0
8. CURRENT PAYMENT DUE	$	900
9. BALANCE TO FINISH, INCLUDING RETAINAGE (Line 3 less Line 6)	$	-900

CHANGE ORDER SUMMARY		ADDITIONS	DEDUCTIONS
Change Order approved in previous months by Owner		0	0
APPROVED THIS MONTH			
Number	Date Approved		
CURRENT TOTAL		0	0
Net Change by Change Orders			0

The undersigned Contractor certifies that to the best of the Contractor's knowledge, information and belief the Work covered by this Application for Payment has been completed in accordance with the Contract Documents, that all amounts have been paid by the Contractor for Work for which previous Certificates for Payment were issued and payments received from the Owner, and that current payment shown herein is now due.

Contractor: CMIC Test Construction Co

By: _____ Date: _____

State of: _____

County of: _____

Subscribed and sworn to before me this _____ day of _____

Notary Public: _____

My Commission expires: _____

ARCHITECT'S CERTIFICATE FOR PAYMENT

In accordance with the Contract Documents, based on on-site observations and the data comprising the above application, the Architect certifies to the Owner that to the best of the Architect's knowledge, information and belief the Work has progressed as indicated, the quality of Work is in accordance with the Contract Documents, and the Contractor is entitled to the payment of the AMOUNT CERTIFIED.

AMOUNT CERTIFIED.....$ _____

(Attach explanation if amount certified differs from the amount applied for. Initial figures on this Application and on the Continuation Sheet that are changed to conform to the amount certified.)

ARCHITECT:

By: _____ Date: _____

This Certificate is not negotiable. The AMOUNT CERTIFIED is payable only to the Contractor named herein. Issuance, payment and acceptance of payment are without prejudice to any rights of the Owner or Contractor under this Contract.

CMIC Test Construction Co

CONTINUATION SHEET
APPLICATION AND CERTIFICATE FOR PAYMENT, containing Contractor's signed Certification is attached.
In tabulation below, amounts are stated to the nearest dollar.
Use Column I on Contracts where variable retainage for line items may apply.

PAGE: 2

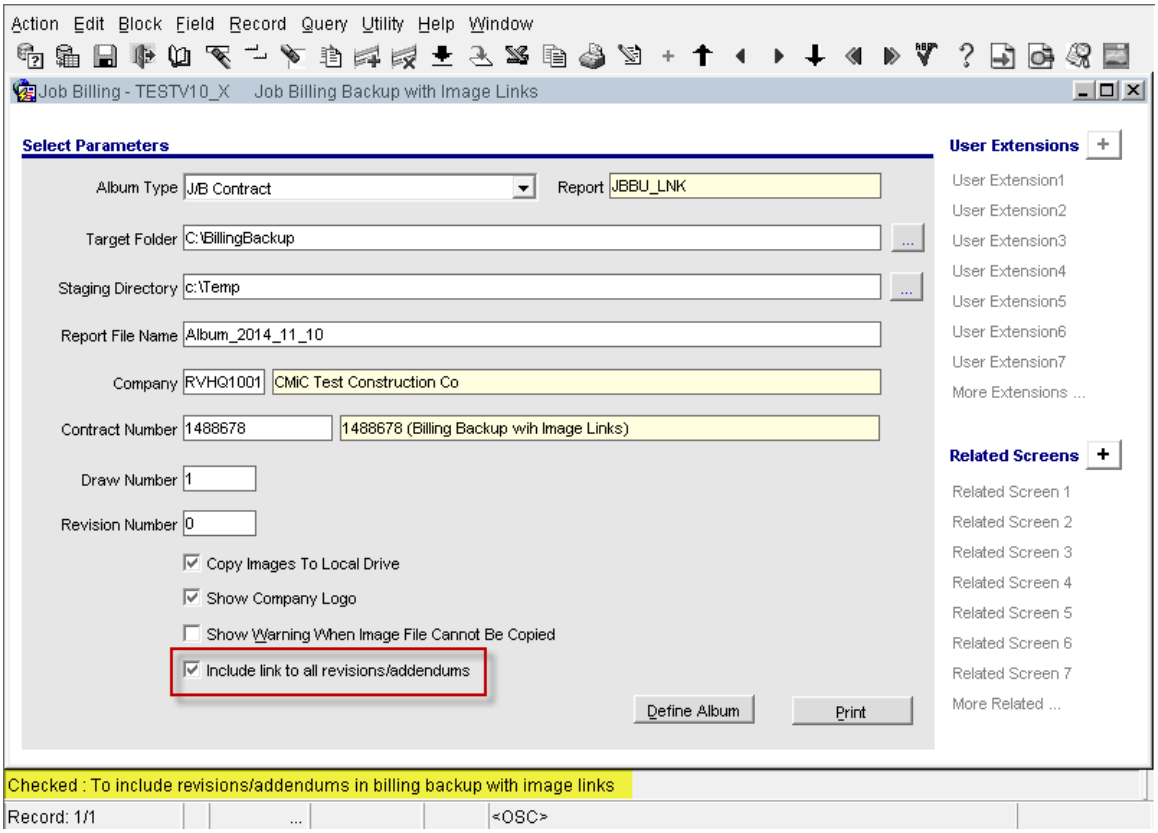
APPLICATION NUMBER: 1
APPLICATION DATE: OCT 27, 2014
PERIOD TO: OCT 27, 2014
PROJECT NO: 1491214-3

A	B	C	D	E	F	G	H	I	J	K	L
ITEM NO.	DESCRIPTION OF WORK	ORIGINAL SOV	SOV CHANGES	SCHEDULED VALUE	WORK COMPLETED (F+G) FROM PREVIOUS APPLICATION	WORK COMPLETED (F+G) THIS PERIOD	MATERIAL PRESENTLY STORED	TOTAL COMPLETED AND STORED TO DATE	PER % (I / E)	BALANCE TO FINISH	THIS PERIOD RETAINAGE	RETAINAGE
	CONTRACT TOTAL :											
PENDING_PCI-REF1 1491214 - PCI# COE0000001	Pending PCI Below the Line Billing 1491214 - Pending PCI Billing				0	1,000		1,000		-1,000	100	100
	Pending PCI Below the Line Billing Total:	0	0	0	0	1,000	0	1,000		-1,000	100	100
	PROJECT TOTAL :	0	0	0	0	1,000	0	1,000		-1,000	100	100

Summary of the Pending PCI Billing Process with REF Codes:

- Create the Billing using the GC Prepare Billing
- Assign Reference Codes as needed
- Bill/Defer the individual Change Orders as needed
- Set 'Always Below the Line' against required bill codes
- Verify/Modify the PCI billing amounts
- Re-Calculate the Billing
- Generate the Invoice
- Verify that the required number of invoices are generated for each of the Main & REF code customers.
- Print the Billing
- If a subcontract linked to the PCI detail line exists and there exists a posted cost against the subcontract and with a link to PCI Detail, then in Contract Entry use 'Add Bill codes' button to add the new bill codes. This depends on the JB Control flag whether to add the new bill codes now or upon posting the PCI. Also verify that the REF Code is added to the billing contract detail line.
- Post one or more Pending PCIs as required.
- Generate the subsequent invoices and verify that a new bill code with the change order number is created with the WBS mapping in contract entry.
- Also, verify that the amounts from the appropriate Pending PCI bill codes are moved to the actual bill codes. Where 'Always Below the Line' is checked, verify that the PCI amounts are billed and printed always below the line.

Billing Backup Report with Image Links - Amendments (14.95287)



Job Billing Backup with Image links (jbbu_lnk.fmx)

Added a check box 'Include link to all revisions/addendums' to the report launch form. The default value is un-checked. This is introduced to avoid any performance issues due to printing of large number of image links.

- Un-Checked: Print the link for the main (latest revision) document/image
- Checked: Print the links for all documents/images including revisions/addendums.

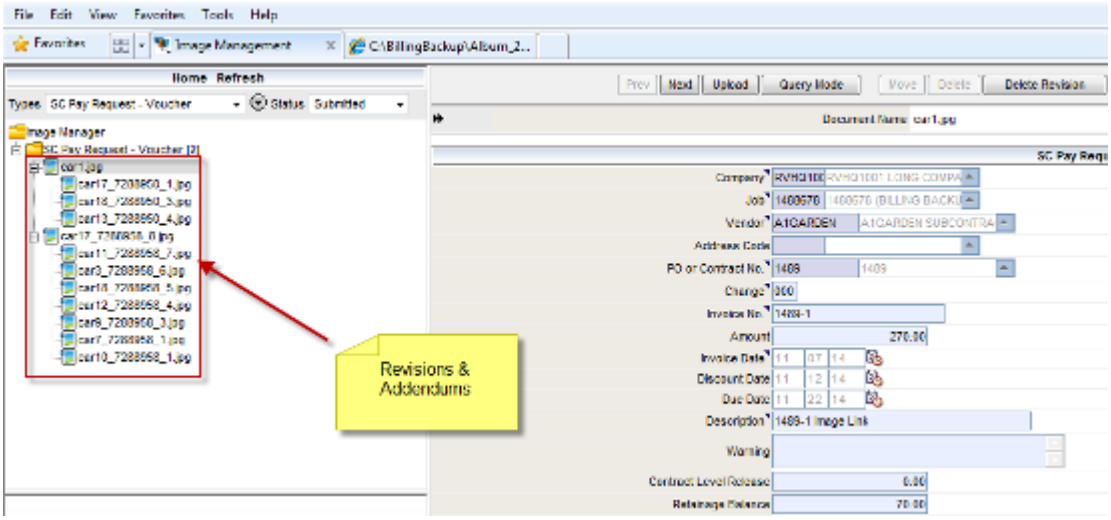


Image Manager

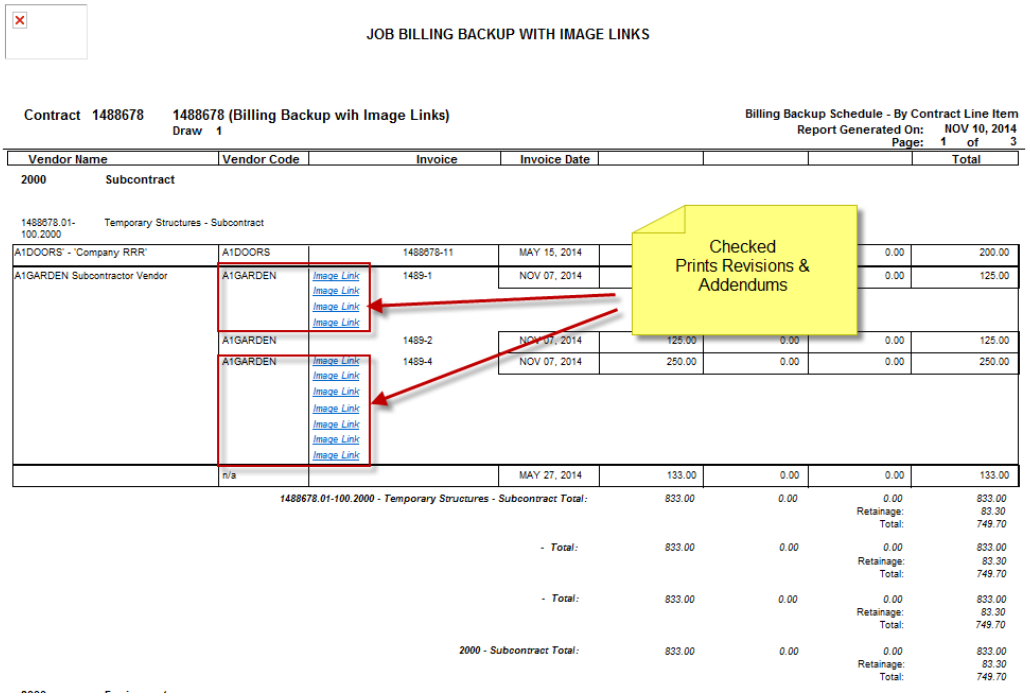
JOB BILLING BACKUP WITH IMAGE LINKS

Contract 1488678 **1488678 (Billing Backup wih Image Links)**
Draw 1

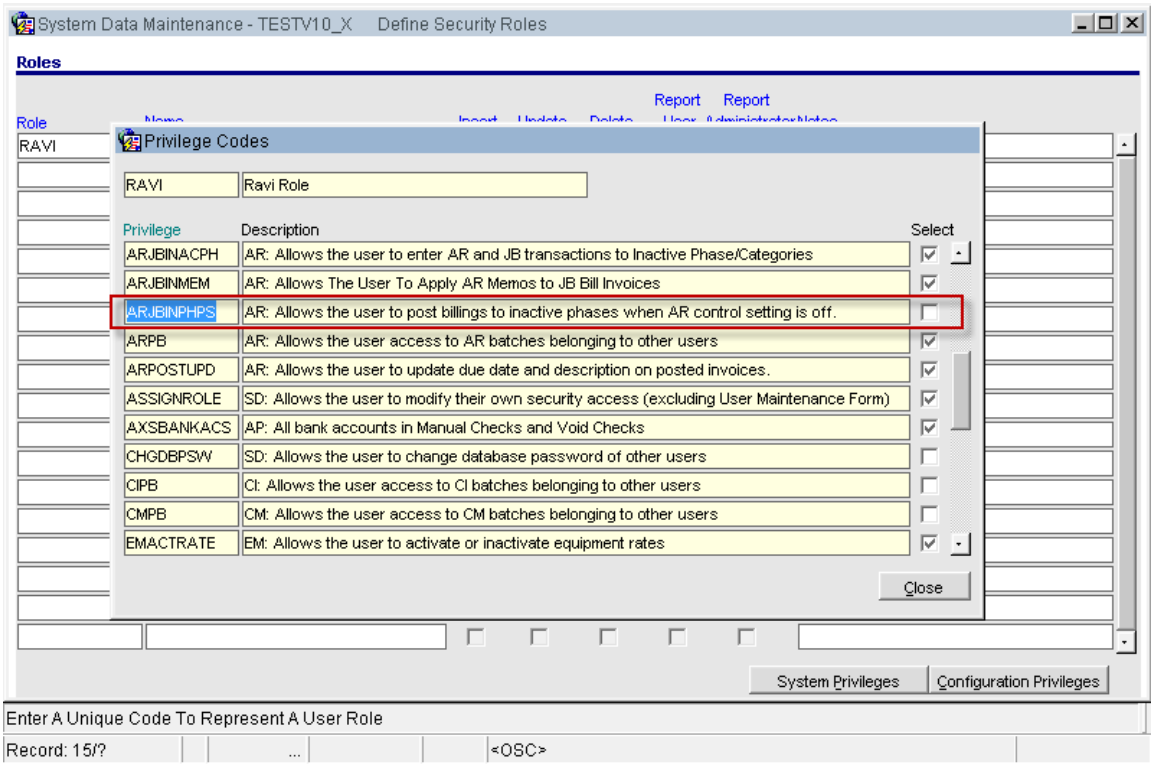
Billing Backup Schedule - By Contract Line Item
Report Generated On: NOV 10, 2014

Vendor Name	Vendor Code	Invoice	Invoice Date				Total
2000 Subcontract							
1488678.01-100.2000 Temporary Structures - Subcontract							
A1DOORS' - 'Company RRR'	A1DOORS	1488678-11	MAY 15, 2014			0.00	200.00
A1GARDEN Subcontractor Vendor	A1GARDEN	Image Link	1489-1	NOV 07, 2014		0.00	125.00
	A1GARDEN		1489-3	NOV 07, 2014		0.00	125.00
	A1GARDEN	Image Link	1489-4	NOV 07, 2014		0.00	250.00
	n/a			MAY 27, 2014	133.00	0.00	0.00	133.00
			1488678.01-100.2000 - Temporary Structures - Subcontract Total:		*833.00*	*0.00*	*0.00* Retainage: Total:	*833.00* *83.30* *749.70*
				- Total:	*833.00*	*0.00*	*0.00* Retainage: Total:	*833.00* *83.30* *749.70*
				- Total:	*833.00*	*0.00*	*0.00* Retainage: Total:	*833.00* *83.30* *749.70*
				2000 - Subcontract Total:	*833.00*	*0.00*	*0.00* Retainage: Total:	*833.00* *83.30* *749.70*

Unchecked prints the latest revision only



Privilege to post to in-active phases during invoice posting (15.00997)



System > Role Maintenance > System Privileges

A privilege 'ARJBINPHPS' is added to the system and the default value is un-checked.

When AR Control flag ‘Allow posting to Inactive phases / Categories’ is un-checked (set as ‘N’), then during AR / JB Invoice posting, the program checks for the user level privilege 'ARJBINPHPS' and if checked, allows to post to in-active phases/categories.

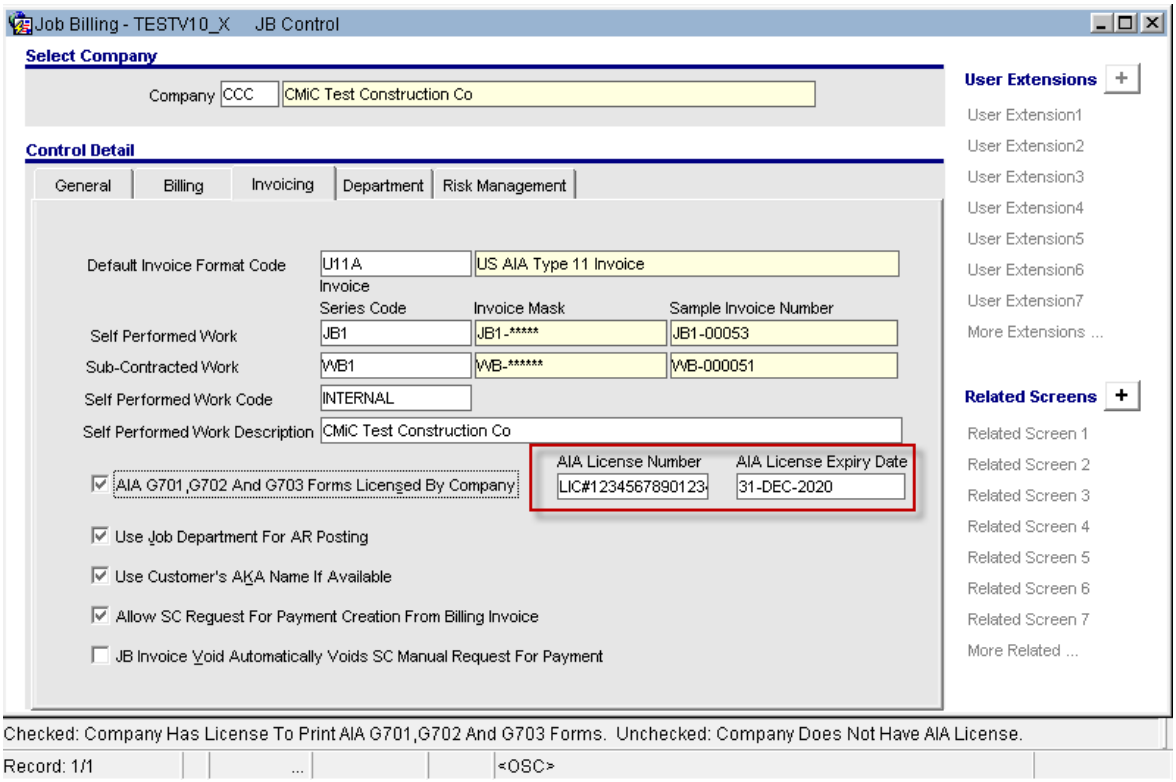
NOTE: This privilege takes effect, only when the AR Control flag ‘Allow posting to Inactive phases / Categories’ is un-checked (Set as ‘N’).

G701 Report with AIA License Information (15.00244)

Ability to maintain AIA License Number and Expiry Date in the JB Control so that the report PMG701.REP (based on the view PMOCOG701) may be printed with the license information.

Modifications:

The JB Control is added with two new fields ‘AIA License Number’ and ‘AIA License Expiry Date’ and they are enterable when the flag ‘AIA G701, G702 and G703 Forms Licensed by Company’ is checked.



When a Company does NOT want to print the AIA license information on their PMG701 report, then they need to clear the license number and the date fields, which will make the report print the AIA information without the newly created license information line.

The new Contract Sum including this Change Order will be $ 21,480,000.00

The Contract Time will be changed by

The date of Substantial Completion as of the date of this Change Order therefore is 2015-DEC-31

NOTE :*This Change Order does not include changes in the Contract Sum, Contract Time or Guaranteed Maximum Price which have been authorized by Construction Change Directive until the cost and time have been agreed upon by both the Owner and Contractor, in which case a Change Order is executed to supersede the Construction Change Directive.*

NOT VALID UNTIL SIGNED BY THE ARCHITECT,CONTRACTOR AND OWNER.

A1GARDEN Subcontractor Vendor	CMiC Test Construction Co	A1GARDEN Subcontractor Vendor
ARCHITECT*(Firm name)*	**CONTRACTOR***(Firm name)*	**OWNER***(Firm name)*
100, Garden Street Suite 500 Floor V Chicago IL 55555 US	4850 Keele Street Ground Floor Orlando, FL , 32410 US	100, Garden Street Suite 500 Floor V Chicago IL 55555 US
ADDRESS	**ADDRESS**	**ADDRESS**
BY*(Signature)*	**BY***(Signature)*	**BY***(Signature)*
(Typed name)	*(Typed name)*	*(Typed name)*
DATE	**DATE**	**DATE**

CAUTION: You should sign an original AIA Contract Document, on which this text appears in RED. An original assures that changes will not be obscured.

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This document was produced at 12:10:31 on 07/03/2015 under Order No. LIC#1234567890 1234567890 which expires on 12/31/2015 ,and is not for resale.
User Notes:

NOT VALID UNTIL SIGNED BY THE ARCHITECT,CONTRACTOR AND OWNER.

A1GARDEN Subcontractor Vendor	CMiC Test Construction Co	A1GARDEN Subcontractor Vendor
ARCHITECT*(Firm name)*	**CONTRACTOR***(Firm name)*	**OWNER***(Firm name)*
100, Garden Street Suite 500 Floor V Chicago IL 55555 US	4850 Keele Street Ground Floor Orlando, FL , 32410 US	100, Garden Street Suite 500 Floor V Chicago IL 55555
ADDRESS	**ADDRESS**	
BY*(Signature)*	**BY***(Signature)*	
(Typed name)	*(Typed name)*	
DATE	**DATE**	**DATE**

CAUTION: You should sign an original AIA Contract Document, on which this text appears in RED. An original assures that changes will not be obscured.

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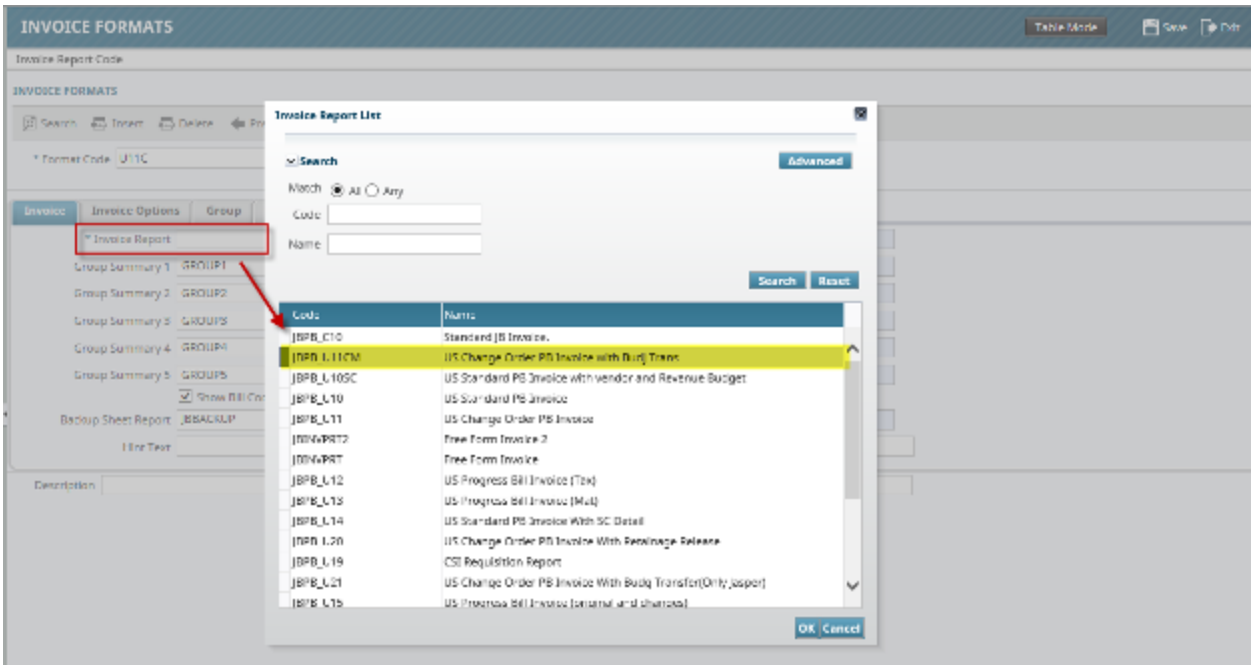
The AIA License information lince will NOT be printed when the JB Control license number and expiry date fields are left blank

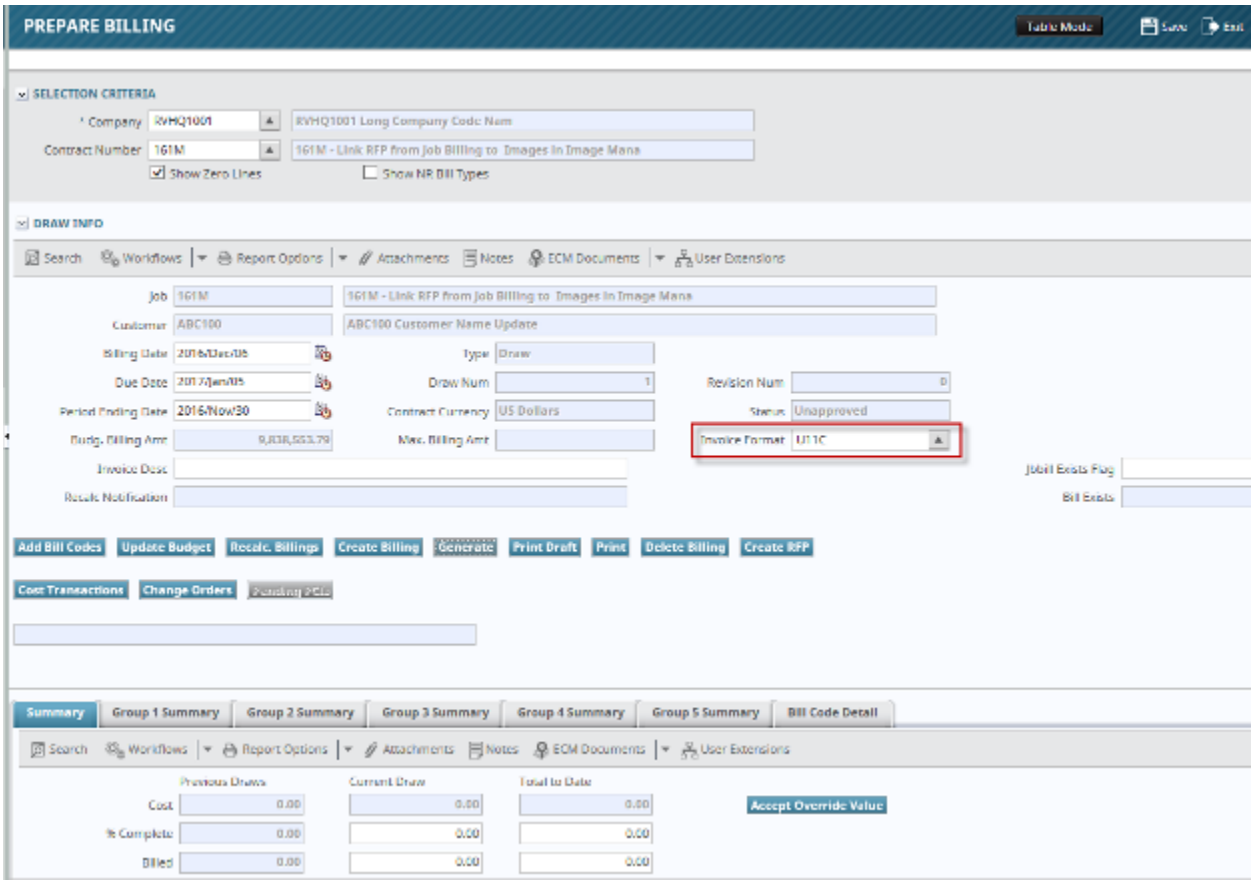
Invoice Format JBPB_U11CM – External & Budget Transfer Change Order Columns (16.25913)

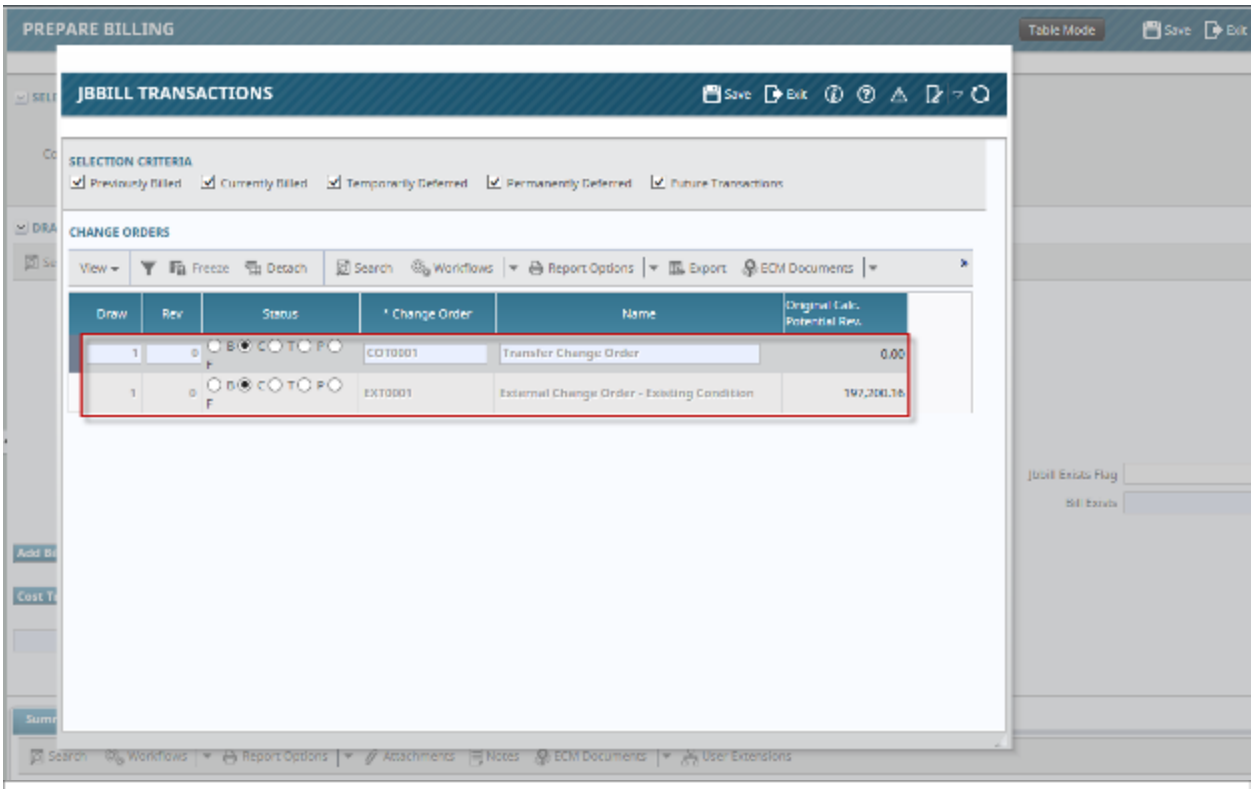
A new JB invoice format (similar to JBPB_U11) is added to the Job Billing application, with the existing 'Change Order' column, split between External and Budget Transfers as per specifications provided.

Modifications:
Invoice Format Setup: The invoice report type JBPB_U11CM is newly created for this purpose.



Users must create an invoice format with this report type, and assign the same to the billing contract.
The Prepare Billing Screen will show the report format





RVHQ1001: Legal Name of Company

CONTINUATION SHEET AIA DOCUMENT G703

Page: 4

AIA DOCUMENT G702, APPLICATION AND CERTIFICATE FOR PAYMENT, containing Contractor's signed Certification is attached. In tabulation below, amounts are stated to the nearest dollar. Use Column I on Contracts where variable retainage for line items may apply.

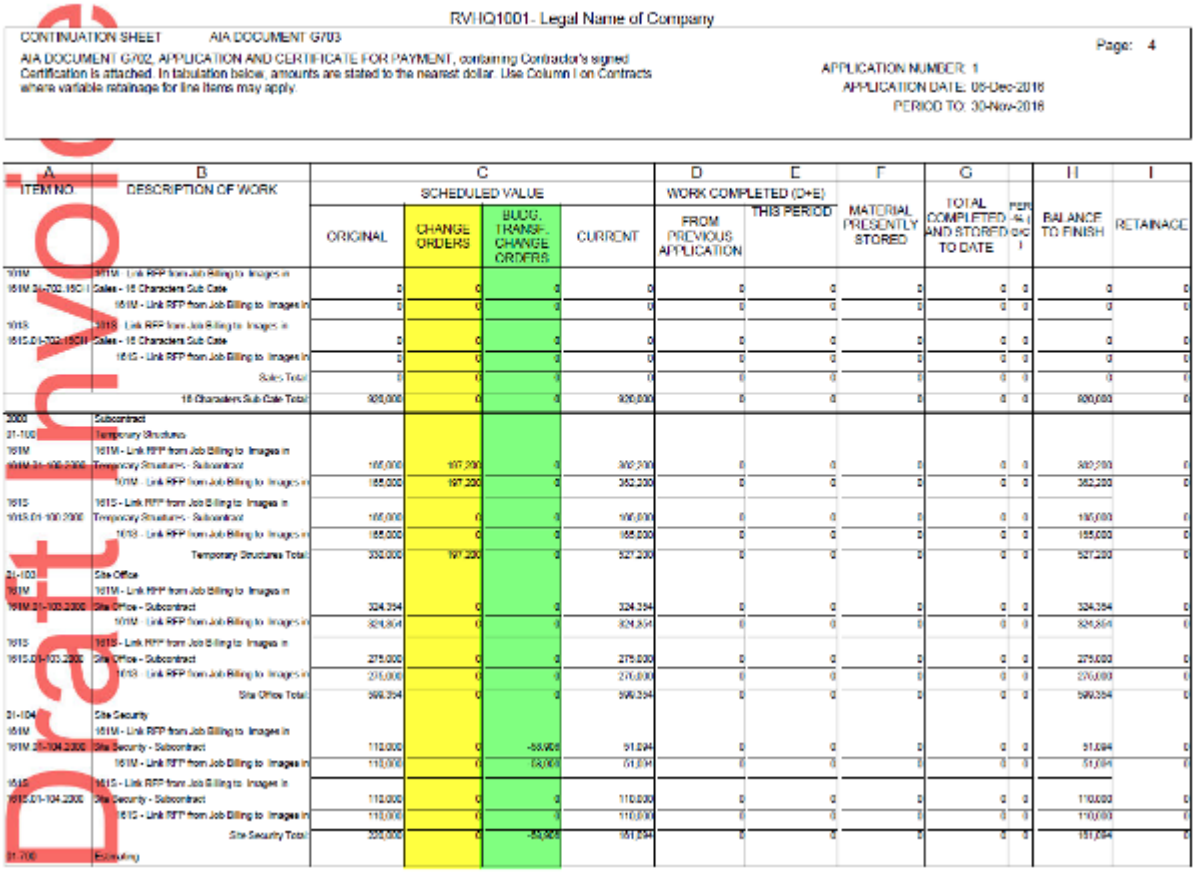
APPLICATION NUMBER: 1
APPLICATION DATE: 06-Dec-2016
PERIOD TO: 30-Nov-2016

External Changes

Budget Transfer Change Orders

A	B	C				D	E	F	G		H	I
ITEM NO.	DESCRIPTION	SCHEDULED VALUE				WORK COMPLETED (D+E)		MATERIAL PRESENTLY STORED	TOTAL COMPLETED AND STORED TO DATE	PER % (G/C)	BALANCE TO FINISH	RETAINAGE
		ORIGINAL	CHANGE ORDERS	BUDG. TRANSF. CHANGE ORDERS	CURRENT	FROM PREVIOUS APPLICATION	THIS PERIOD					
1010	1010 - Link RFP from Job Billing to Images in											
1010.01-702.1501	Sales - 15 Characters Sub Cate	0	0	0	0	0	0	0	0	0	0	0
	1510 - Link RFP from Job Billing to Images in	0	0	0	0	0	0	0	0	0	0	0
1015	1015 - Link RFP from Job Billing to Images in											
1015.01-702.1501	Sales - 15 Characters Sub Cate	0	0	0	0	0	0	0	0	0	0	0
	1515 - Link RFP from Job Billing to Images in	0	0	0	0	0	0	0	0	0	0	0
	Sales Total	0	0	0	0	0	0	0	0	0	0	0
	15 Characters Sub Cate Total:	620,000	0	0	620,000	0	0	0	0	0	620,000	0
2000	Subcontract											
01-100	Temporary Structures											
1010	1010 - Link RFP from Job Billing to Images in											
1010.01-100.2000	Temporary Structures - Subcontract	165,000	197,200	0	362,200	0	0	0	0	0	362,200	0
	1510 - Link RFP from Job Billing to Images in	165,000	197,200	0	362,200	0	0	0	0	0	362,200	0
1015	1015 - Link RFP from Job Billing to Images in											
1015.01-100.2000	Temporary Structures - Subcontract	165,000	0	0	165,000	0	0	0	0	0	165,000	0
	1515 - Link RFP from Job Billing to Images in	165,000	0	0	165,000	0	0	0	0	0	165,000	0
	Temporary Structures Total:	330,000	197,200	0	527,200	0	0	0	0	0	527,200	0
01-103	Site Office											
1010	1010 - Link RFP from Job Billing to Images in											
1010.01-103.2000	Site Office - Subcontract	324,354	0	0	324,354	0	0	0	0	0	324,354	0
	1010 - Link RFP from Job Billing to Images in	324,354	0	0	324,354	0	0	0	0	0	324,354	0
1015	1015 - Link RFP from Job Billing to Images in											
1015.01-103.2000	Site Office - Subcontract	275,000	0	0	275,000	0	0	0	0	0	275,000	0
	1015 - Link RFP from Job Billing to Images in	275,000	0	0	275,000	0	0	0	0	0	275,000	0
	Site Office Total:	599,354	0	0	599,354	0	0	0	0	0	599,354	0
01-104	Site Security											
1010	1010 - Link RFP from Job Billing to Images in											
1010.01-104.2000	Site Security - Subcontract	110,000	0	-48,306	61,694	0	0	0	0	0	61,694	0
	1010 - Link RFP from Job Billing to Images in	110,000	0	-58,306	51,694	0	0	0	0	0	51,694	0
1015	1015 - Link RFP from Job Billing to Images in											
1015.01-104.2000	Site Security - Subcontract	110,000	0	0	110,000	0	0	0	0	0	110,000	0
	1015 - Link RFP from Job Billing to Images in	110,000	0	0	110,000	0	0	0	0	0	110,000	0
	Site Security Total:	220,000	0	-58,306	161,694	0	0	0	0	0	161,694	0
01-700	Estimating											

The new column titled as ‘Budget Transf. Change Orders’ will show all transfer change orders so that users will be able distinguish between Owner (External) Change order and Budget Transfer Change Order amounts.



RVIIQ1001 - Legal Name of Company

CONTINUATION SHEET AIA DOCUMENT G703

Page: 4

AIA DOCUMENT G702, APPLICATION AND CERTIFICATE FOR PAYMENT, containing Contractor's signed Certification is attached. In tabulation below, amounts are stated to the nearest dollar. Use Column I on Contracts where variable retainage for line items may apply.

APPLICATION NUMBER: 1
APPLICATION DATE: 05-Dec-2016
PERIOD TO: 30-Nov-2016

A ITEM NO	B DESCRIPTION OF WORK	C SCHEDULED VALUE ORIGINAL	C CHANGE ORDERS	C BUDG. TRANSF. CHANGE ORDERS	C CURRENT	D WORK COMPLETED (D+E) FROM PREVIOUS APPLICATION	E THIS PERIOD	F MATERIAL PRESENTLY STORED	G TOTAL COMPLETED AND STORED TO DATE	G PER (G / C)	H BALANCE TO FINISH	I RETAINAGE
161M	161M - Link RFP from Job Billing to Images in											
161M.01-702.15CH	Sales - 15 Characters Sub Cate	0	0	0	0	0	0	0	0	0	0	0
	161M - Link RFP from Job Billing to Images in	0	0	0	0	0	0	0	0	0	0	0
1615	1615 - Link RFP from Job Billing to Images in											
1615.01-702.15CH	Sales - 15 Characters Sub Cate	0	0	0	0	0	0	0	0	0	0	0
	1615 - Link RFP from Job Billing to Images in	0	0	0	0	0	0	0	0	0	0	0
	Sales Total	0	0	0	0	0	0	0	0	0	0	0
	15 Characters Sub Cate Total	920,000	0	0	920,000	0	0	0	0	0	920,000	0
2000	Subcontract											
01-100	Temporary Structures											
161M	161M - Link RFP from Job Billing to Images in											
161M.01-100.2000	Temporary Structures - Subcontract	165,000	197,200	0	362,200	0	0	0	0	0	362,200	0
	161M - Link RFP from Job Billing to Images in	165,000	197,200	0	362,200	0	0	0	0	0	362,200	0
1615	1615 - Link RFP from Job Billing to Images in											
1615.01-100.2000	Temporary Structures - Subcontract	165,000	0	0	165,000	0	0	0	0	0	165,000	0
	1615 - Link RFP from Job Billing to Images in	165,000	0	0	165,000	0	0	0	0	0	165,000	0
	Temporary Structures Total	330,000	197,200	0	527,200	0	0	0	0	0	527,200	0
01-103	Site Office											
161M	161M - Link RFP from Job Billing to Images in											
161M.01-103.2000	Site Office - Subcontract	324,354	0	0	324,354	0	0	0	0	0	324,354	0
	161M - Link RFP from Job Billing to Images in	324,354	0	0	324,354	0	0	0	0	0	324,354	0
1615	1615 - Link RFP from Job Billing to Images in											
1615.01-103.2000	Site Office - Subcontract	275,000	0	0	275,000	0	0	0	0	0	275,000	0
	1615 - Link RFP from Job Billing to Images in	275,000	0	0	275,000	0	0	0	0	0	275,000	0
	Site Office Total	599,354	0	0	599,354	0	0	0	0	0	599,354	0
01-104	Site Security											
161M	161M - Link RFP from Job Billing to Images in											
161M.01-104.2000	Site Security - Subcontract	110,000	0	-58,906	51,094	0	0	0	0	0	51,094	0
	161M - Link RFP from Job Billing to Images in	110,000	0	-58,906	51,094	0	0	0	0	0	51,094	0
1615	1615 - Link RFP from Job Billing to Images in											
1615.01-104.2000	Site Security - Subcontract	110,000	0	0	110,000	0	0	0	0	0	110,000	0
	1615 - Link RFP from Job Billing to Images in	110,000	0	0	110,000	0	0	0	0	0	110,000	0
	Site Security Total	330,000	0	-58,906	161,094	0	0	0	0	0	161,094	0
01-105	Estimating											

Draft Invoice

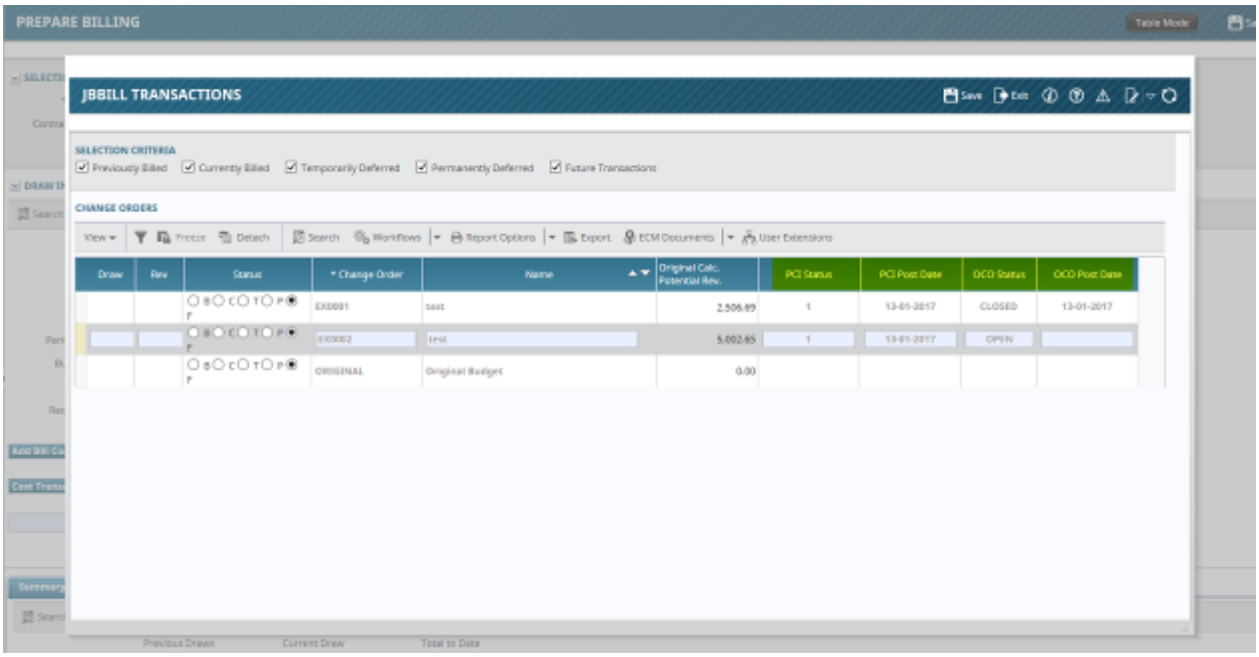
The ‘Draft Invoice’ is also modified to show the new column for Budget Transfer Change Orders.

Added PCI status, PCI Post Date, OCO Status and OCO Post Date to the Change Order Popup in the G/C Prepare Billing Screen (16.25291)

Modification:

CMiC added four fields to the Change order pop up in GC Prepare Billing Screen which are as follow:

- PCI Status which shows status of PCI.
- PCI Post Date.
- OCO Status which can either be “Closed” or “Open” depending upon the flag labelled as “Closed”. If the flag is checked the status will show as closed.
- OCO Post Date.



Mass Update Utility (16.20751)

The *Mass Update* feature in CMiC allows users to propagate a value to all the records found in the queried set of records. This feature is designed to allow mass update of specific columns in specific programs only.

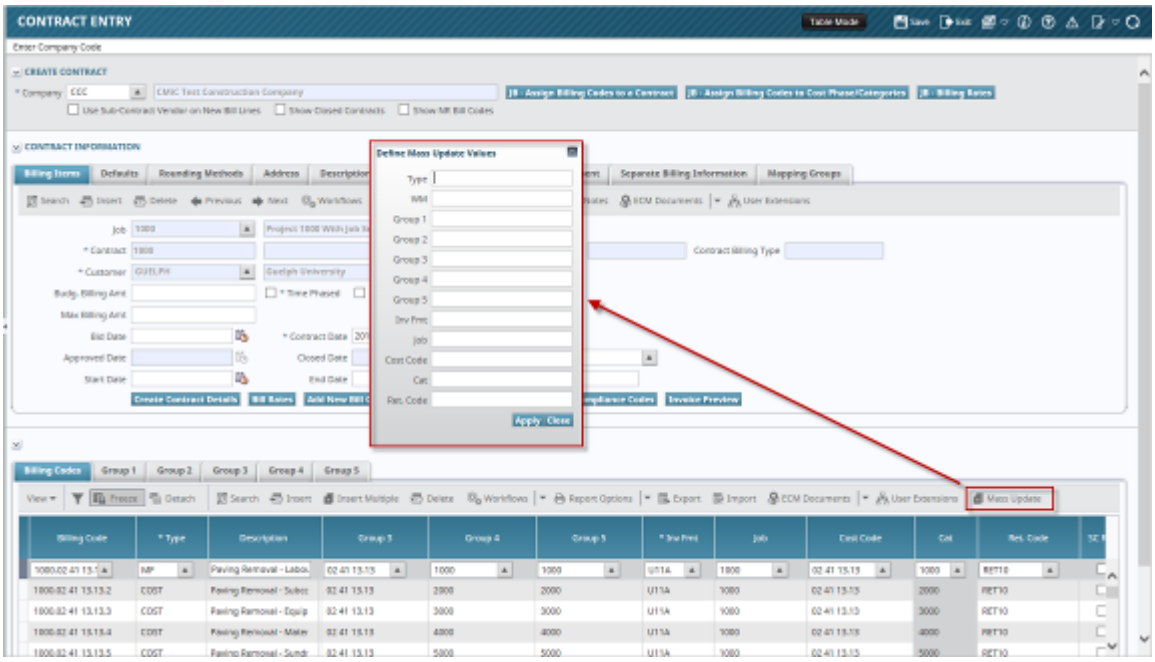
Mass Updateable Programs

The following programs allow 'Mass Update' on specific columns only.

- Job Billing > Contract Entry
- Job Billing > G/C Prepare Billing

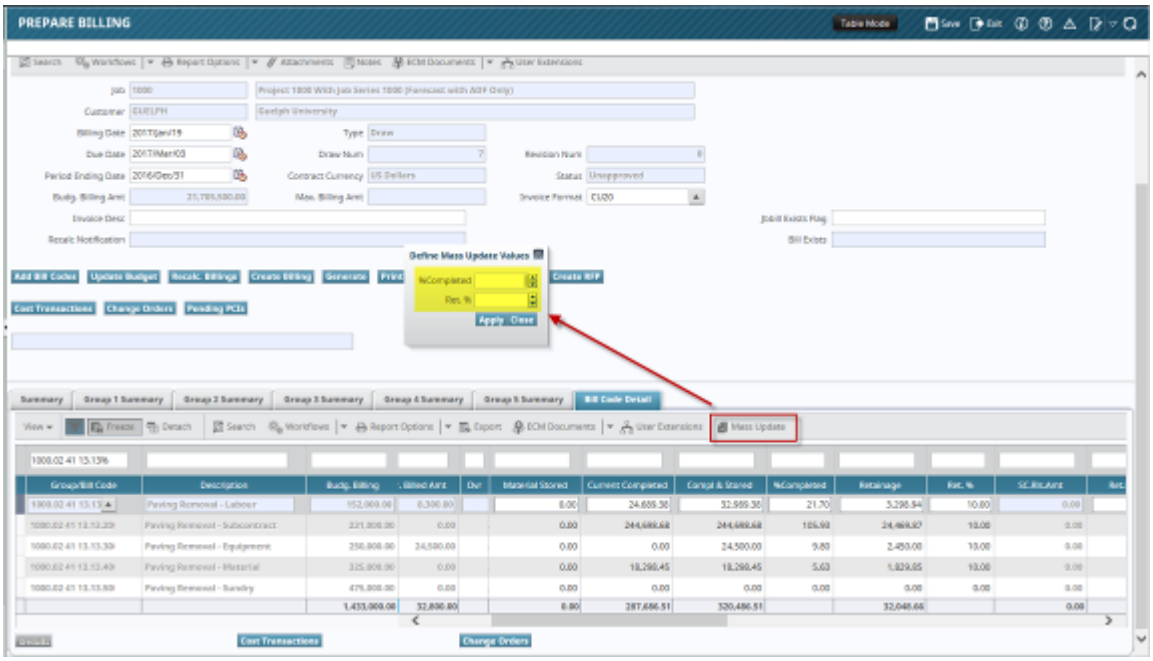
Contract Entry Program

The Contract Entry program is modified with a tool button [Mass Update] in the Contract Details block as shown. This is applicable/available only when in 'Bill Codes' tab.



G/C Prepare Billing Program

The G/C Prepare Billing program is modified with a tool button [Mass Update] in the Billing Details block as shown. This is applicable/available in 'Bill Code Detail' and all the Group Summary tabs.

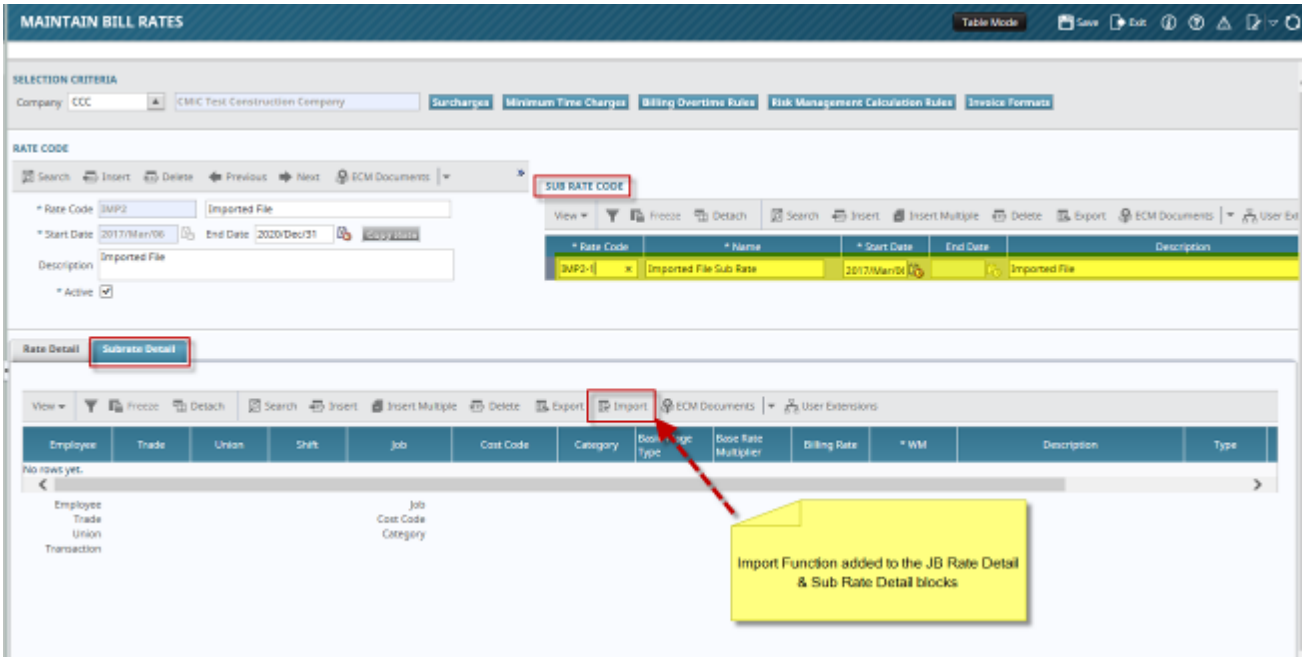


NOTE: See 'System Data' section in this document for detailed description of the utility.

Billing Rate Table Maintenance – Import Function (16.28486)

Enabled Import Functionality in JB Billing Rate Maintenance program. This applies to both Rate and Sub Rate Code types.

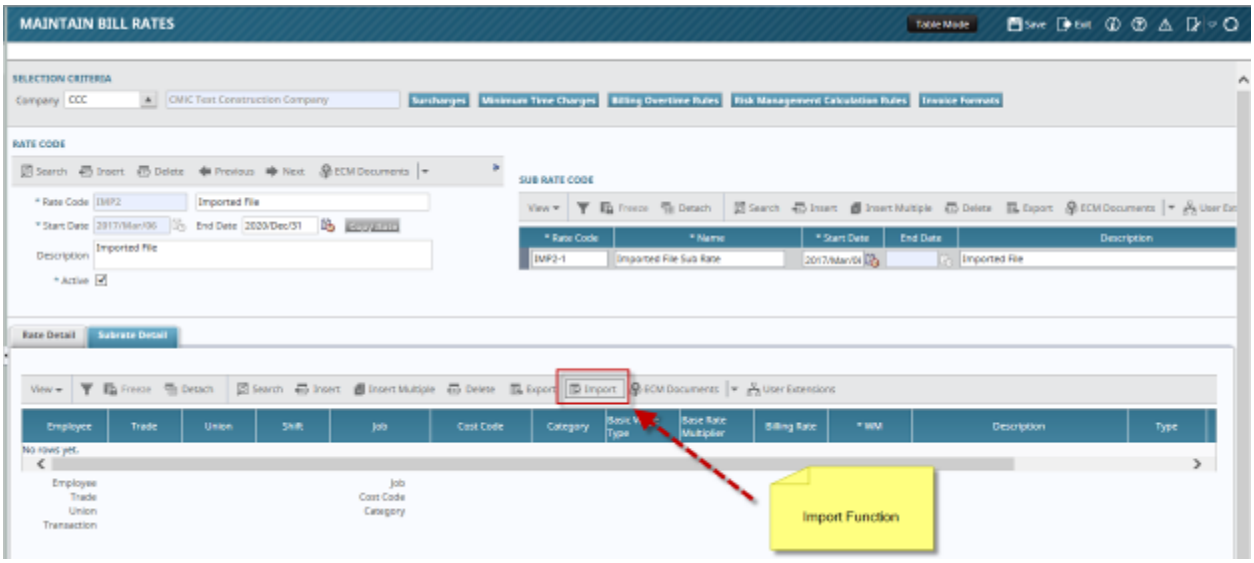
The following example shows the Import functionality:

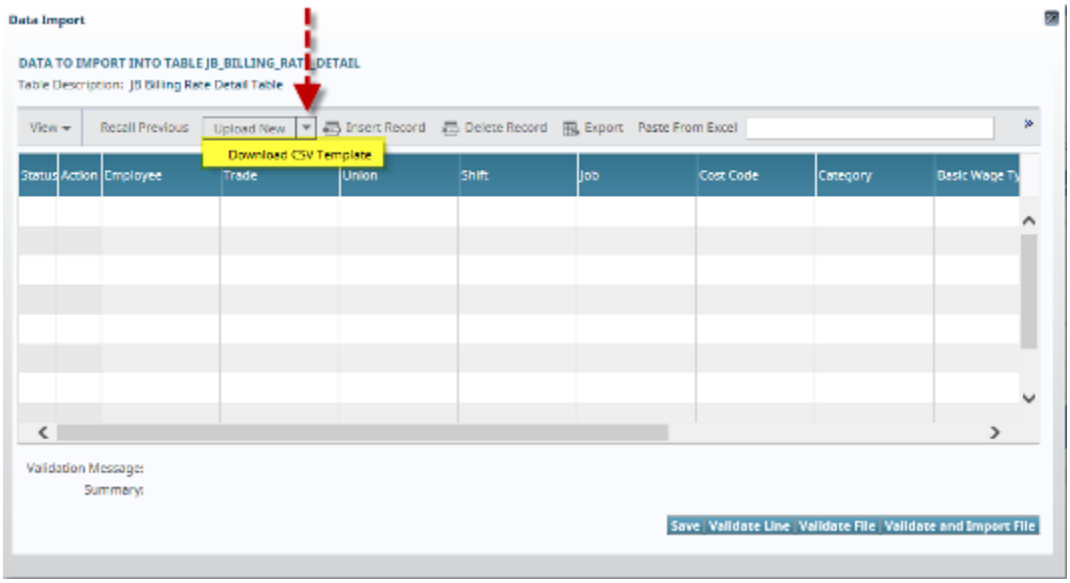


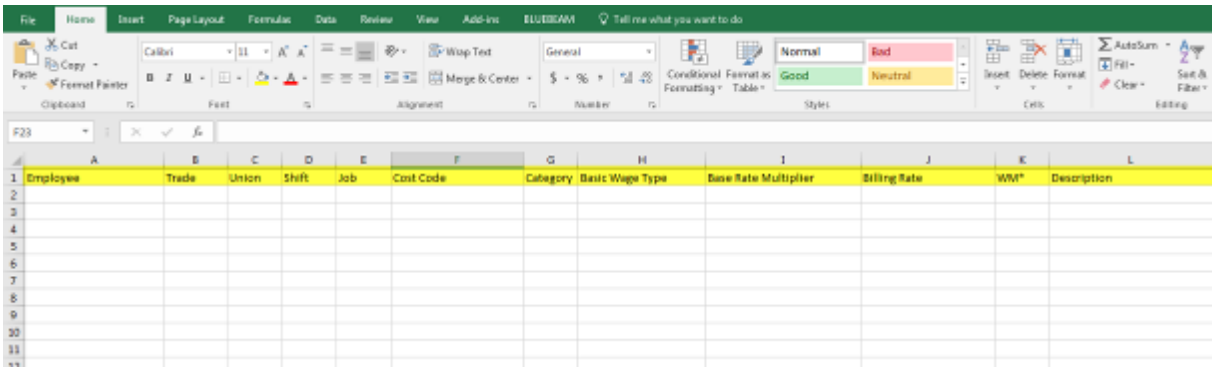
Import Process in JB – Billing Rate Maintenance program.

1. Create the Rate Code
2. Create Sub Rate Code, if required
3. Save
4. Select the Rate Detail or Sub Rate Detail (Only when Subrate code created in item#2)
5. Download CSV file template
6. Create / Enter Rate Details in the Downloaded template
7. Save as CSV file
8. Import using the 'Import function' 

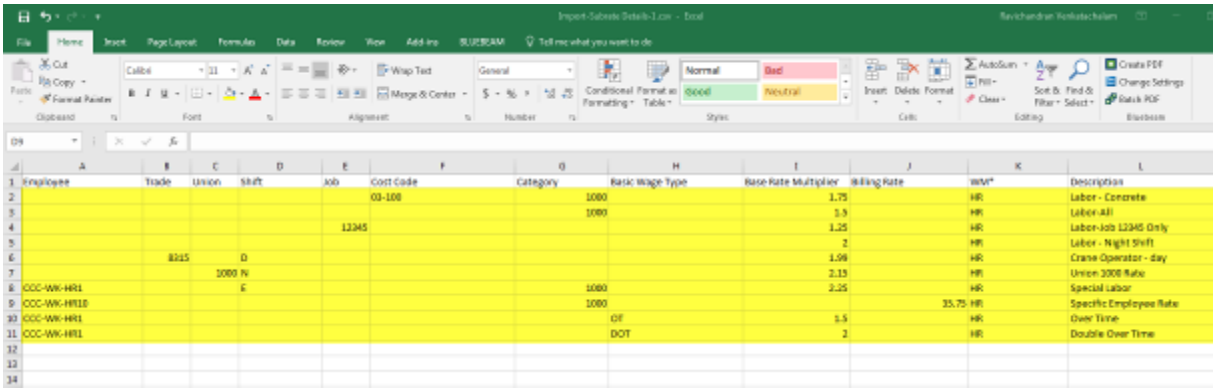
9. Import a 'csv' file using 'Upload New' function in the popup or 'Paste From Excel' to directly copy/paste the rate details





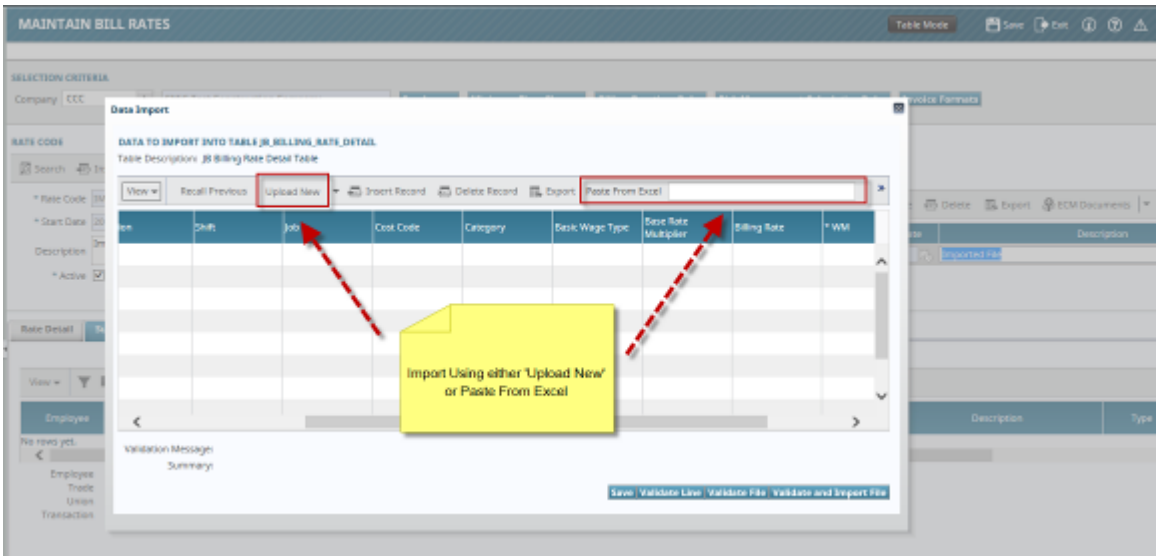


Sample of template for Bill Rate/Subrate details

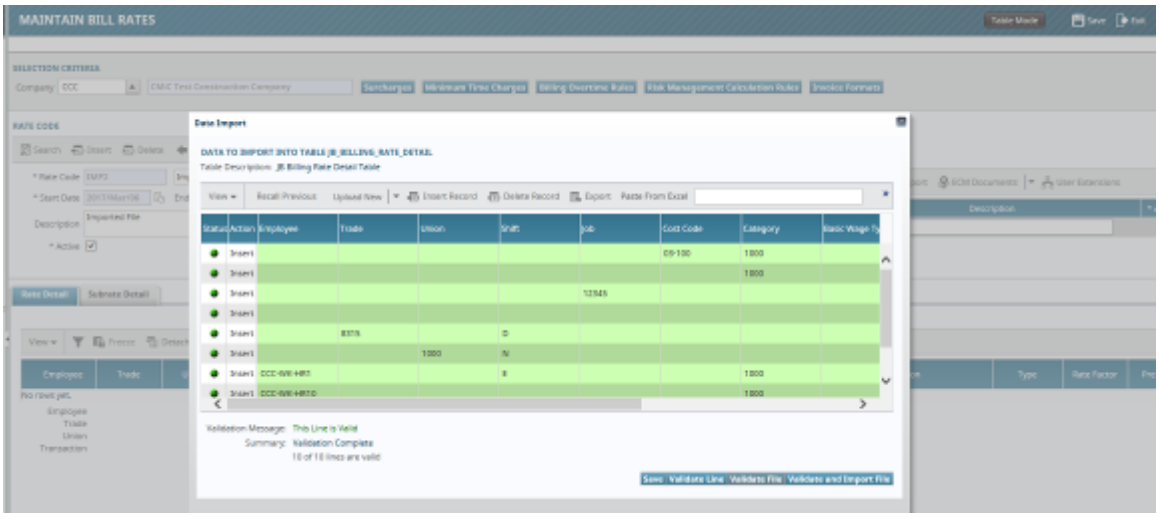


Employee	Trade	Union	Shift	Job	Cost Code	Category	Basic Wage Type	Base Rate Multiplier	Billing Rate	WM*	Description
					03-100		1000	1.75		HR	Labor - Concrete
							1000	1.5		HR	Labor-All
				12345				1.25		HR	Labor-Job 12345 Only
								2		HR	Labor - Night Shift
	8215		D					1.98		HR	Crane Operator - day
		1000	N					2.15		HR	Union 1000 Rate
CCC-WK-HR1			E				1000	2.25		HR	Special Labor
CCC-WK-HR10							1000		35.75	HR	Specific Employee Rate
CCC-WK-HR1							OT	1.5		HR	Over Time
CCC-WK-HR1							DOT	2		HR	Double Over Time

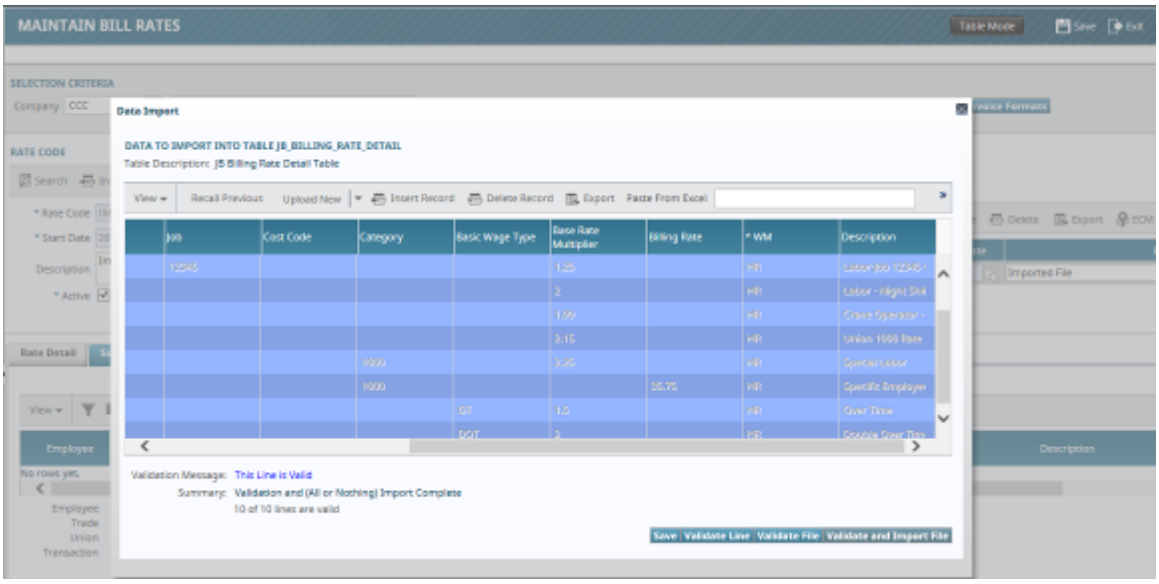
Sample of import file with Bill Rate details.



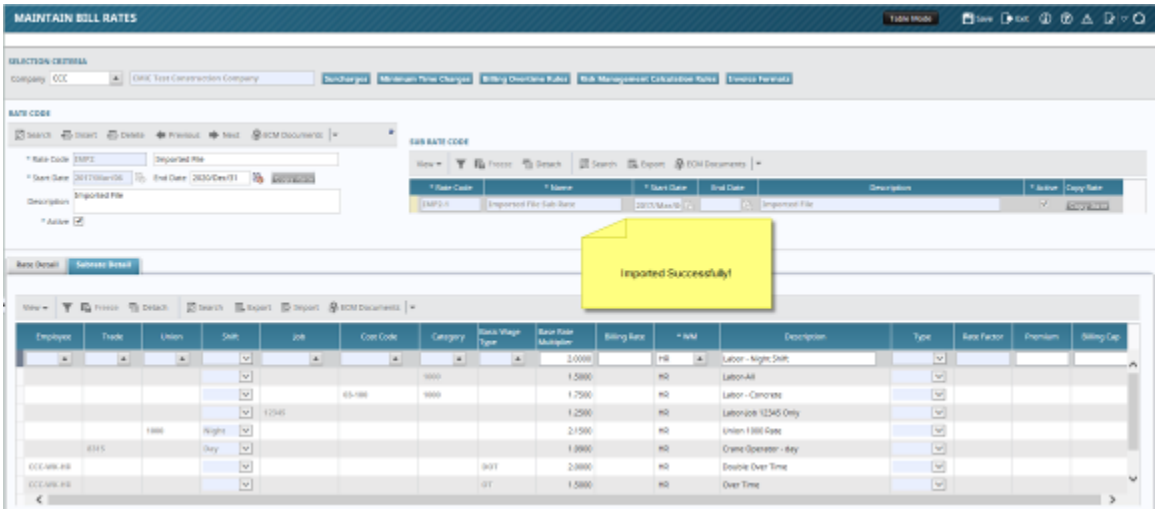
If **Paste From Excel** is used, users manually copy the Bill Rate details, without the header line, and paste it into the **Paste From Excel** field.



Sample of validation in Data Import screen.



Sample of successfully imported Bill Rates/Sub-rates.



NOTE: The file must contain valid values in order to be successfully validated before import. If NOT users have to manually adjust the values as per the validation message when cursor focus is on the invalidated record.

Also note that the Payroll shift code may be 'Null' to represent all shifts or D,E, & N for Day, Evening & Night shifts respectively.

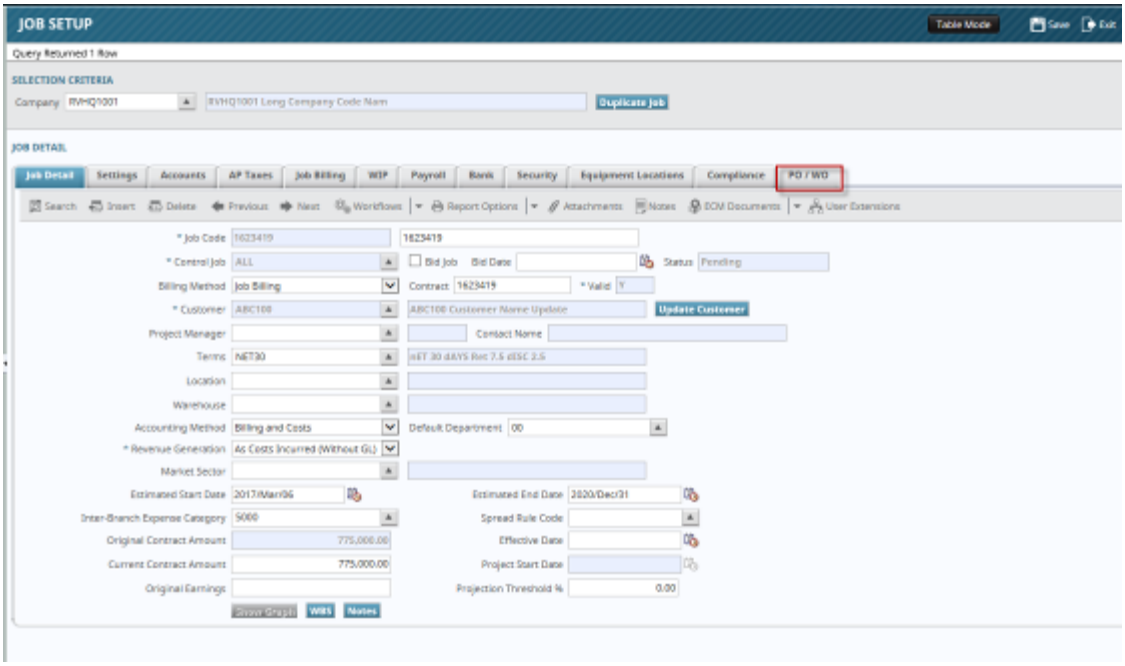
Job PO/WO# assignment and Free Form Invoice Printing (16.23419)

Added Ability to assign PO/WO Numbers to the Job and allow selection of the Contract using PO/WO Number in G/C Prepare Billing program. Also, modified free form invoice format setup with an option to print PO/WO# on the free form invoice header.

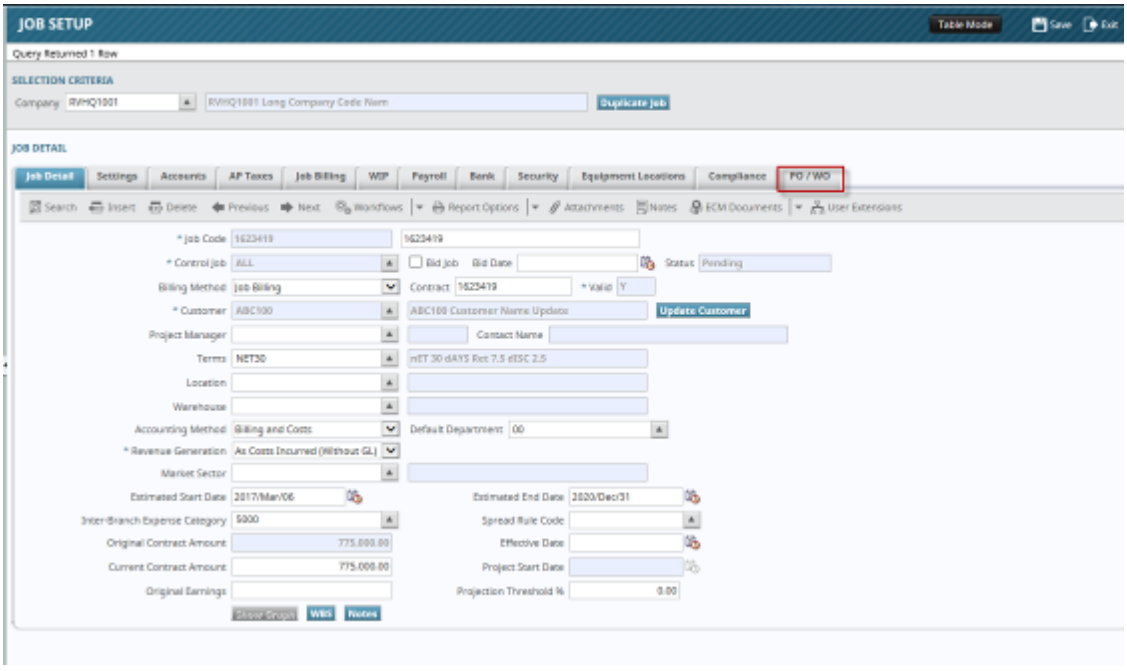
Modifications:

Job Entry Program:

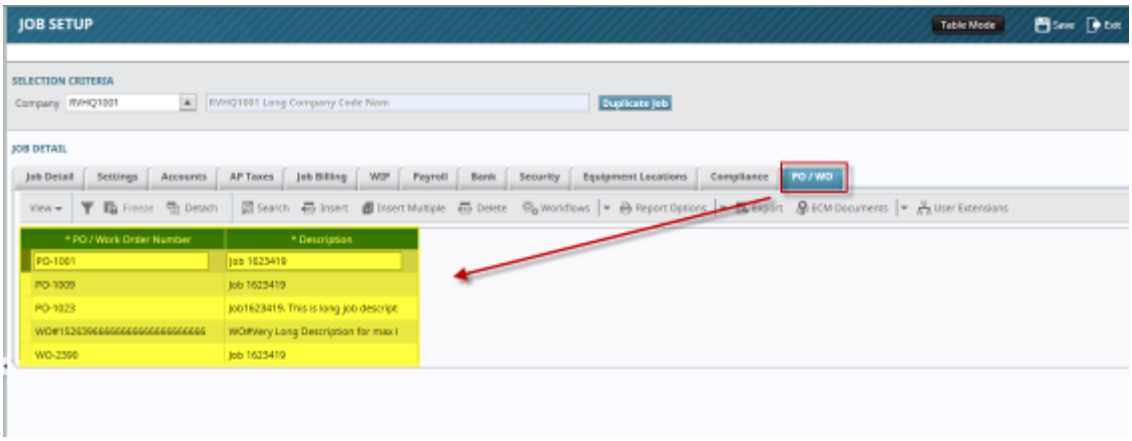
A new tab PO/WO number is added to the job entry screen. This tab allows users to add PO/WO code and description. There is no validation on the PO/WO code, however, no duplicate entries will be allowed.



JC > Job Setup Program



JC > Job Setup Program > PO/WO tab



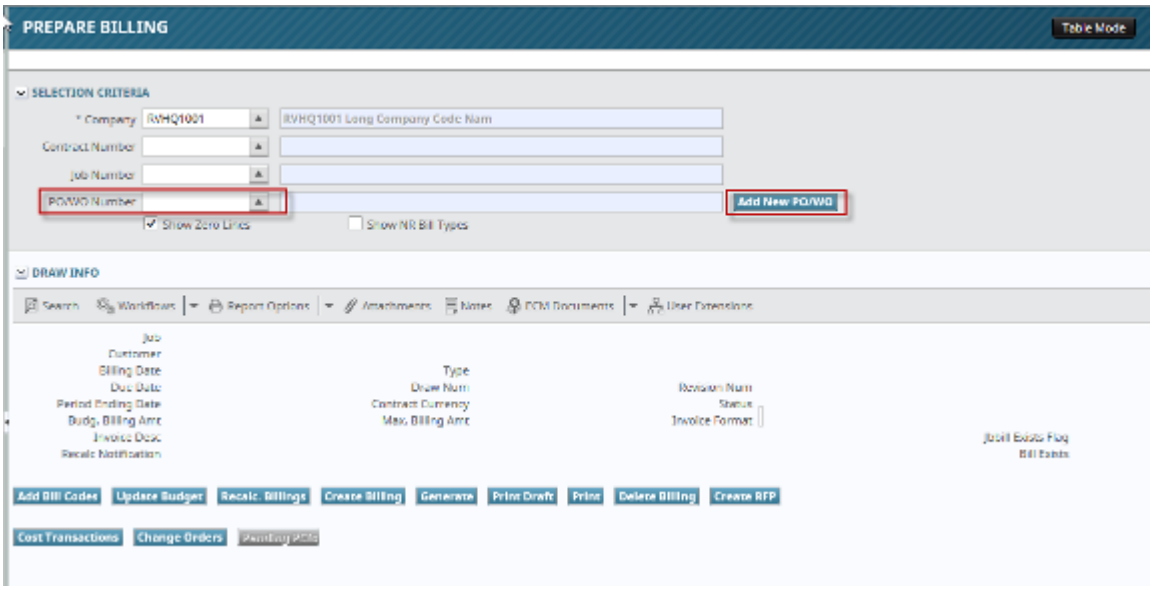
JC > Job Setup > PO/WO tab

The PO/Work Order Number field length is 30 characters and the Description field allows 200 Characters maximum. These are optional entries for a Job record. If required users may create as many records as they require and are free form style without any validations. No duplicate codes are allowed.

G/C Prepare Billing Program:

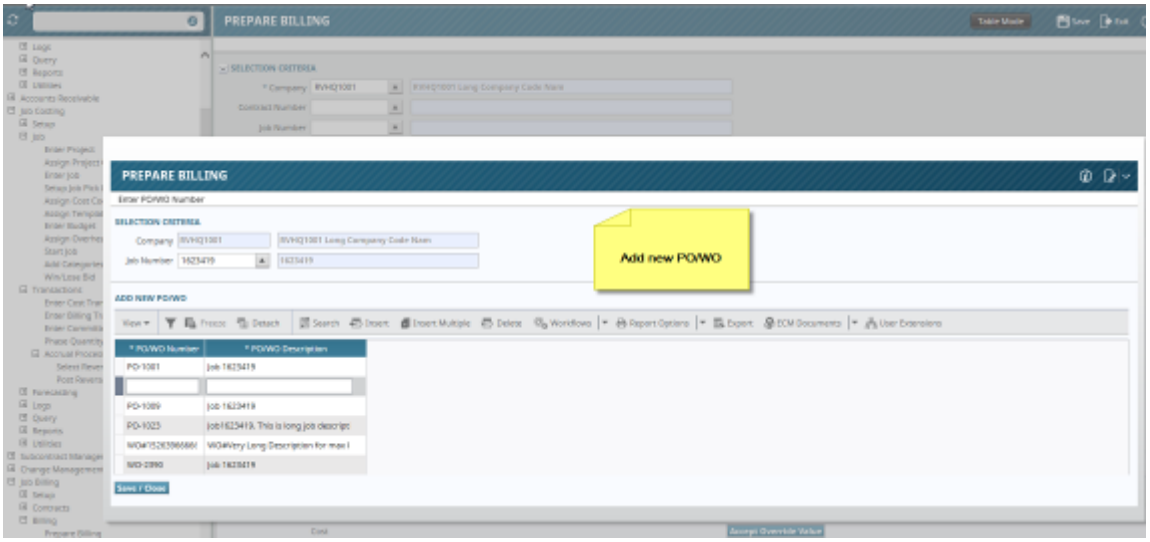
The G/C Prepare Billing Screen is also modified with an additional PO/WO Number parameter selection. This is optional only. When NOT used, users will still be able to select a Job or Contract Code and proceed with Billing preparation.

When selecting a PO/WO Number as a parameter, it will be validated against the job Setup table.



JB > G/C Prepare Billing Program

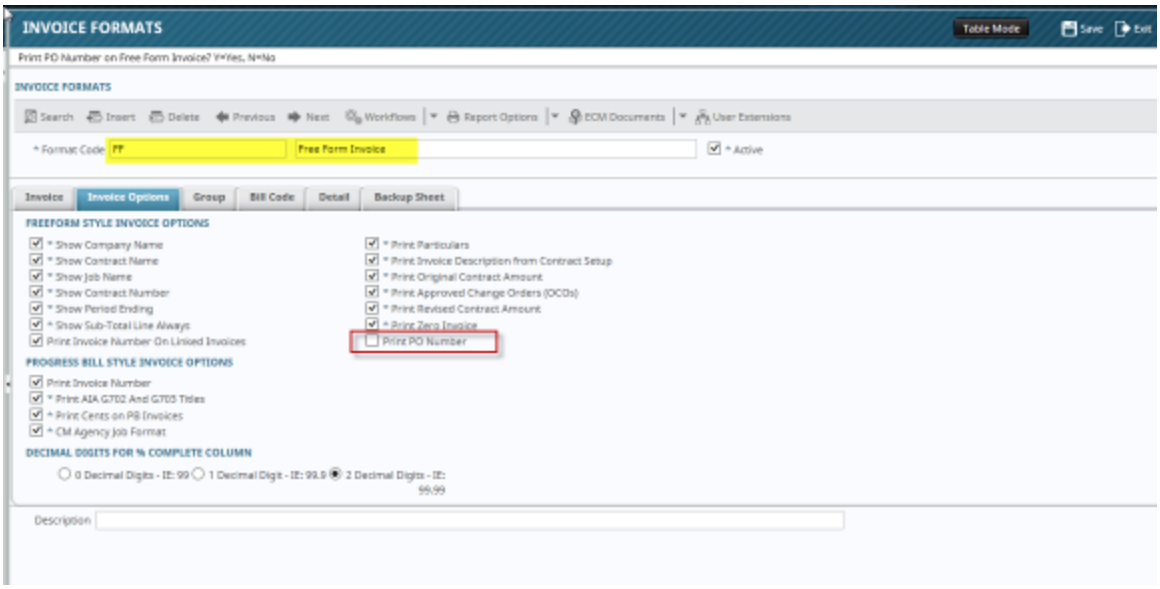
Also, provided the ability to add new PO Numbers on the fly as well. Users can press the button '[**Add New PO/WO**]' and invoke the setup screen.



JB > G/C Prepare Billing > 'Add New PO/WO Entry pop-up program

Free Form Invoice Options:

The JB Invoice Format Setup is modified with a new check box 'Print PO Number' under Invoice Options tab.



JB > Invoice Format Setup > Invoice Options

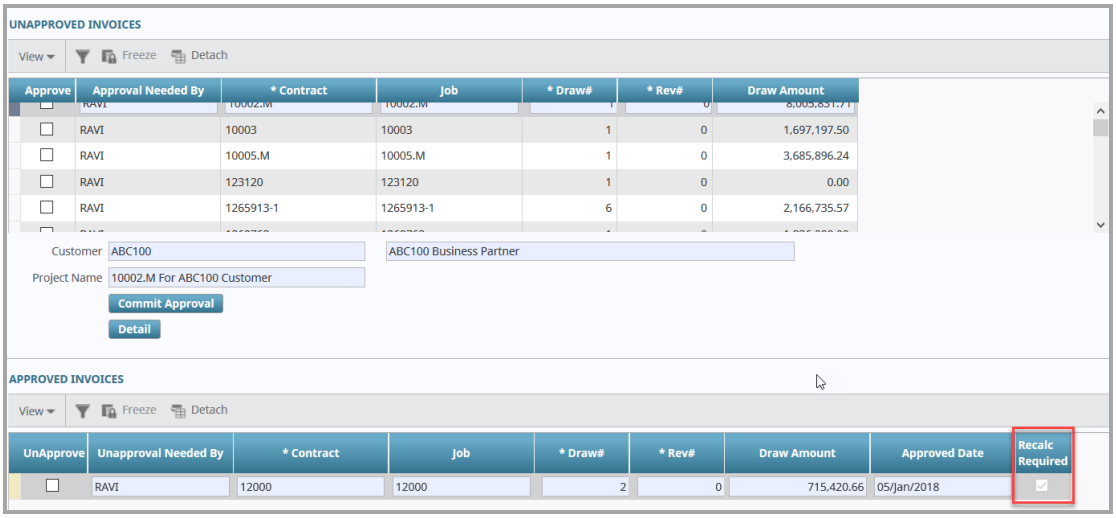
Users may use this option as checked, FOR Free Form Invoice format 'JBINVPRT' and during invoice printing, the selected PO/WO Number upon billing generation will be printed on the header.

Approve Job Billing Invoices Program Changes (17.44171)

The Approve Job Billing Invoices program is modified:

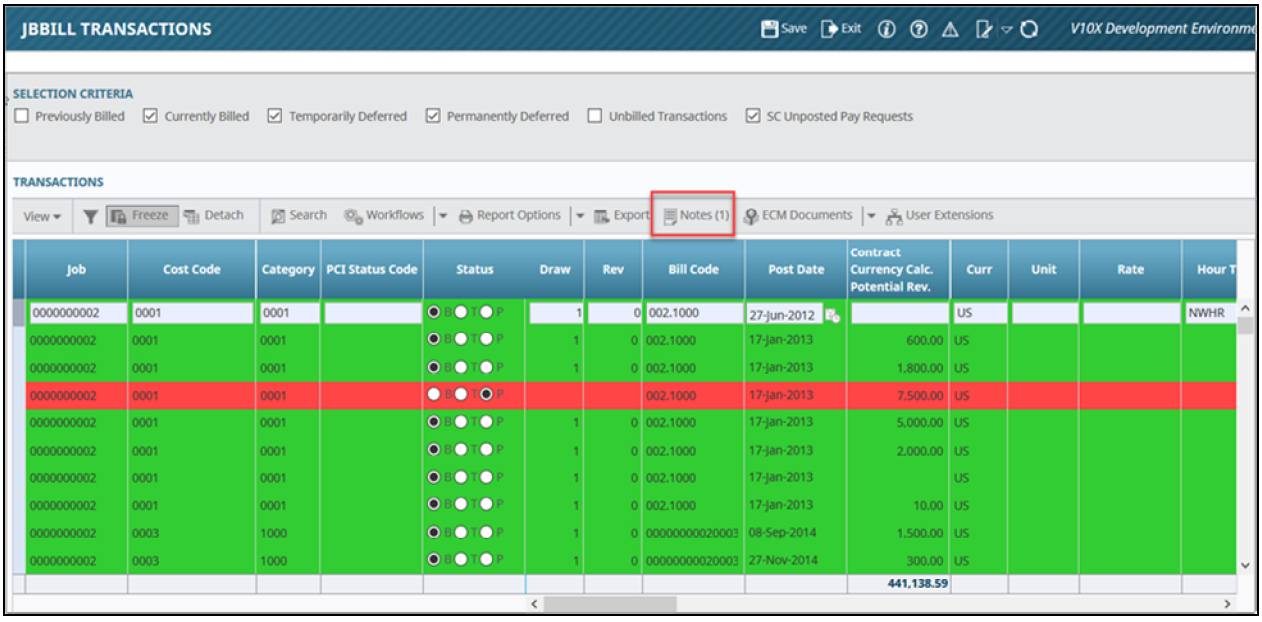
- to prevent Job Billing Invoices that require Recalculation and Regeneration form appearing in the approve section, similar to posting program

- a new flag ‘Recalc Required’ was added in Approved Invoices section, which shows approved invoices that require Recalculation and Regeneration
- approved invoices with checked flag ‘Recalc Required’ can be Unapproved



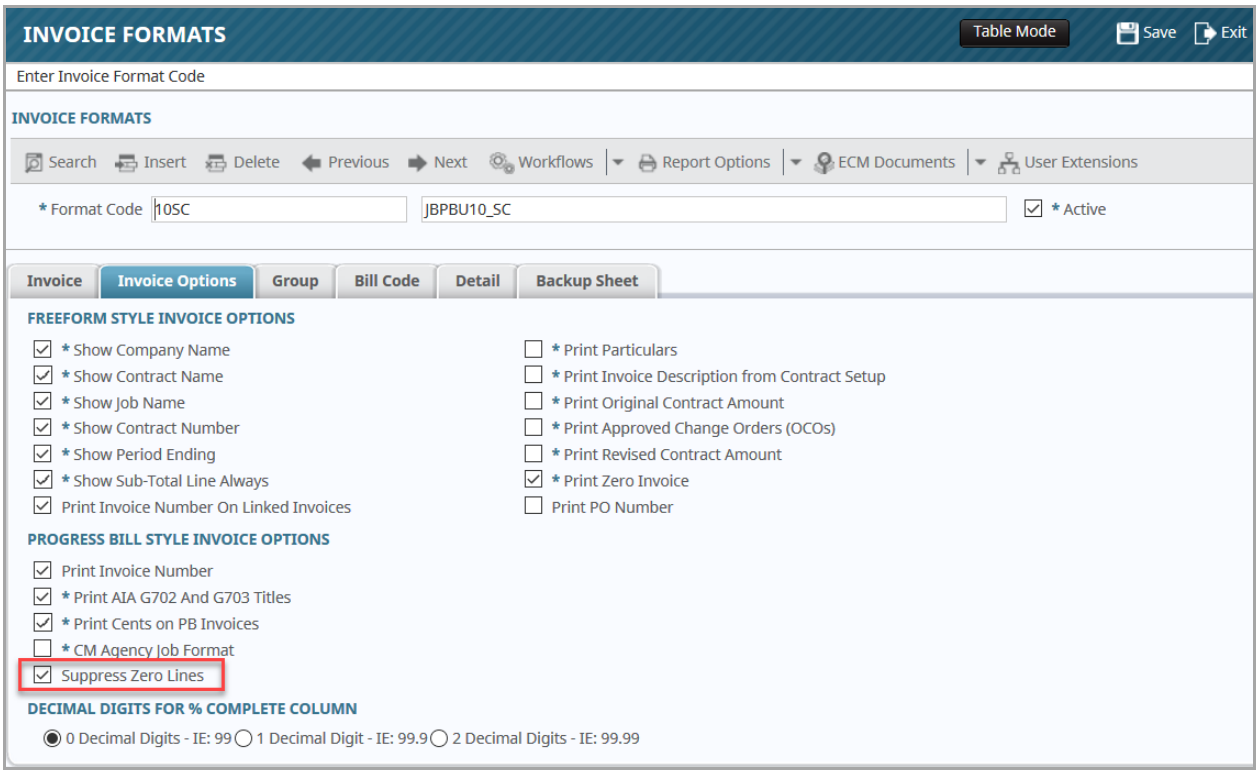
Add NOTES field by line item in Job Billing - Cost Transaction (18.48709)

Added a new button ‘Notes’ on toolbar on the ‘Cost Transaction’ pop-up screen in JB – Billing – G/C Prepare Billing. New functionality allows to add Notes to each line.



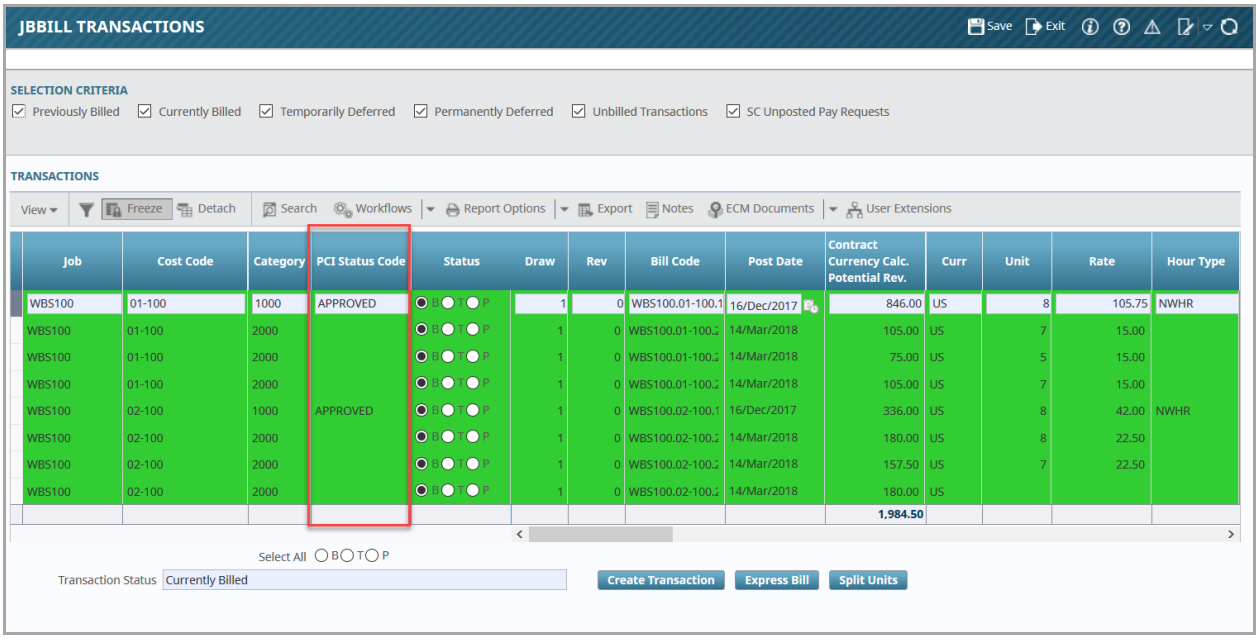
Suppress Zeroes on AIA invoices in Job Billing – Billing - Print Invoices (18.50880)

Added a new flag ‘Suppress Zero Lines’ on ‘Invoice Options’ tab to the JB – Invoice Formats screen. If the flag is checked (Y) then JB – Billing – Print Invoices program will suppress zero lines. If the flag is unchecked (N) JB – Billing – Print Invoices program works as per the existing functionality. By default, flag is unchecked (N).

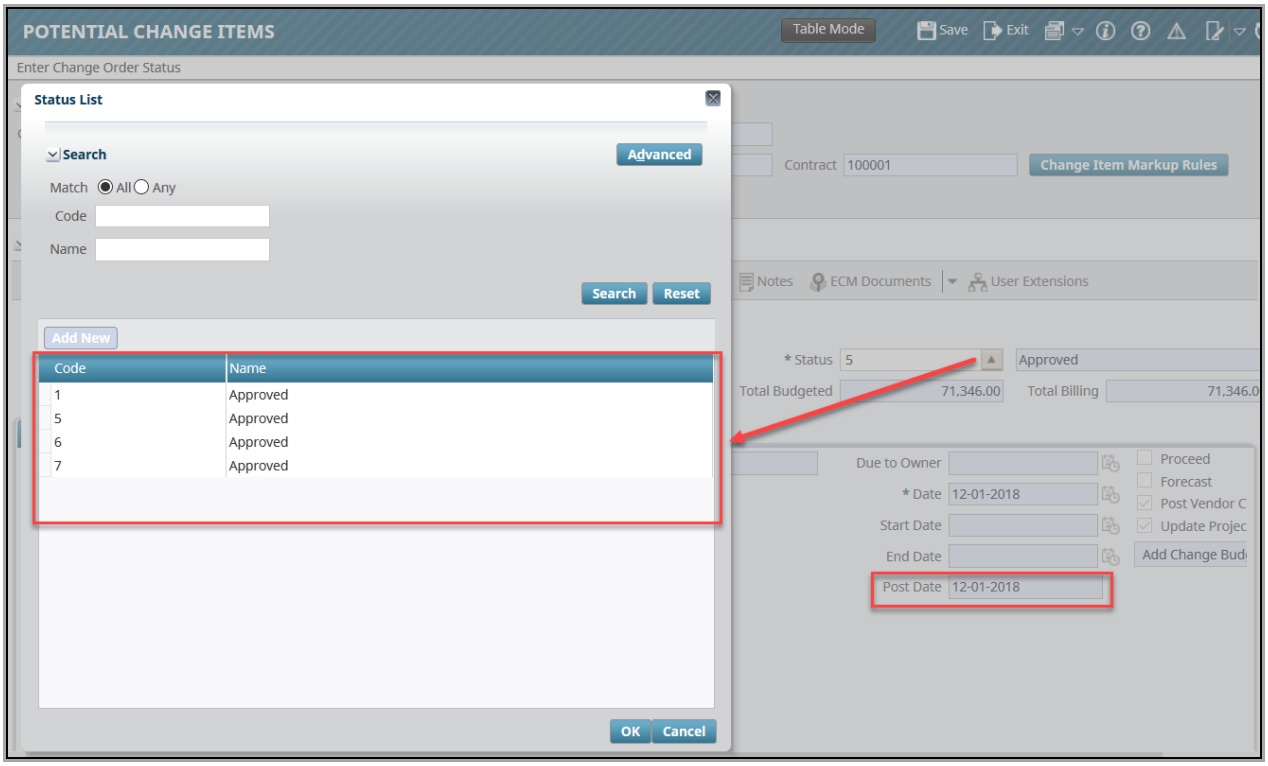


Potential Change Items Status (18.50436)

Added a new column 'PCI Status Code' on the 'Cost Transaction' pop-up screen in JB – Billing – G/C Prepare Billing.

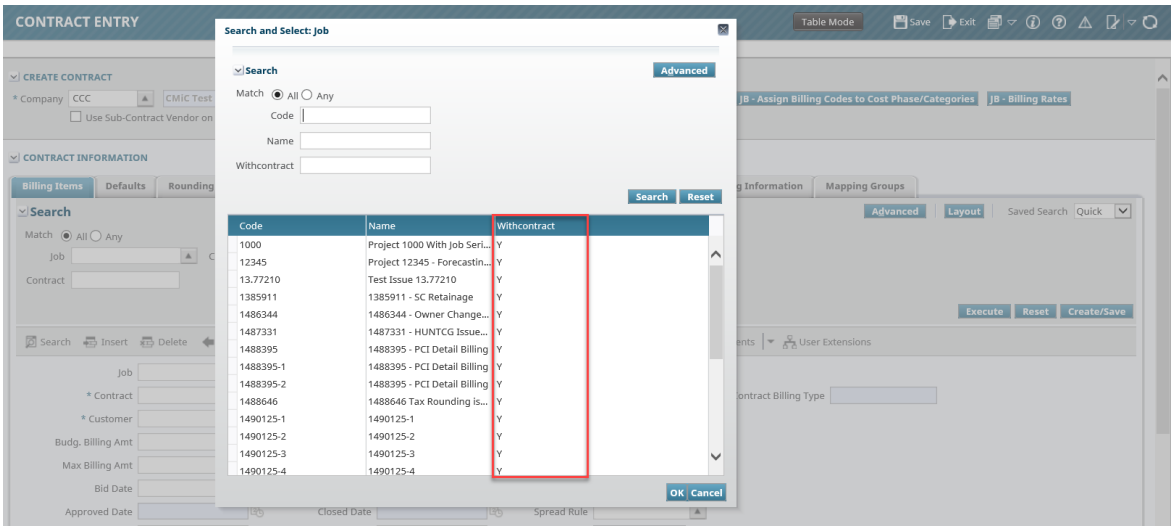


Added ability to modify the Potential Change Items to allow to change the PCI Status Code after posting. The change will be only allow a change to another status code that has the 'Approved' pending type.



Contract Entry (18.57456)

A new column “Withcontract” has been added to the **Job Code** field LOV in the ‘Enter Contract’ screen, as shown below:



The LOV shows all Job Codes with and without contract for the company. On insert mode, when the LOV is invoked for selecting a job code, the list would show jobs with and without contract codes. Users must sort by the new column for jobs with value ‘N’ (No existing contract) and proceed creating contract code.

This is to facilitate when using ‘Search’ function by job code, to list jobs with contract as well. Due to technical limitations, both ‘Search’ function and the ‘Entry’ screen on insert mode use the same job LOV and hence this change.

Custom AIA invoice (18.62057)

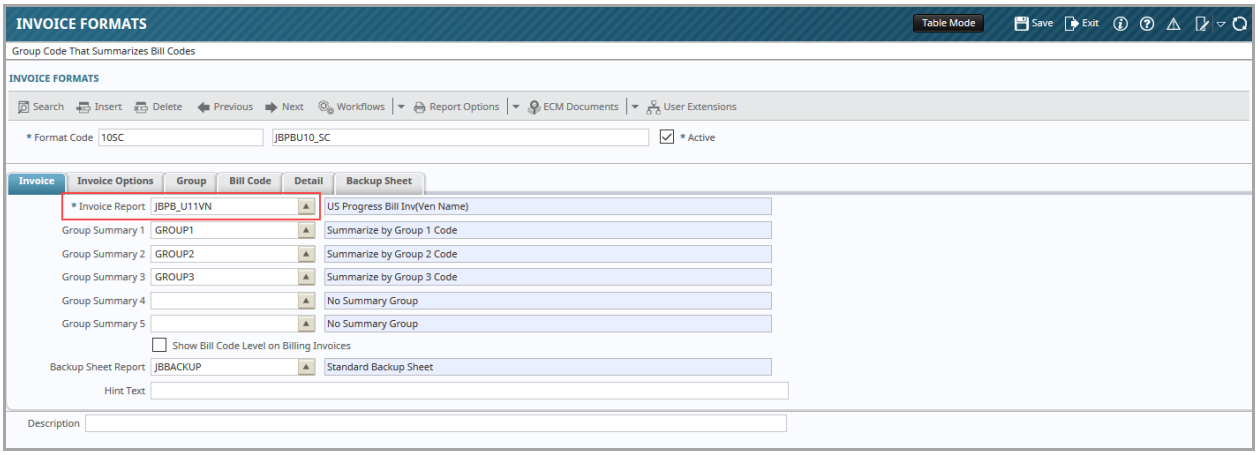
Added a new invoice report JBPB_U11VN:

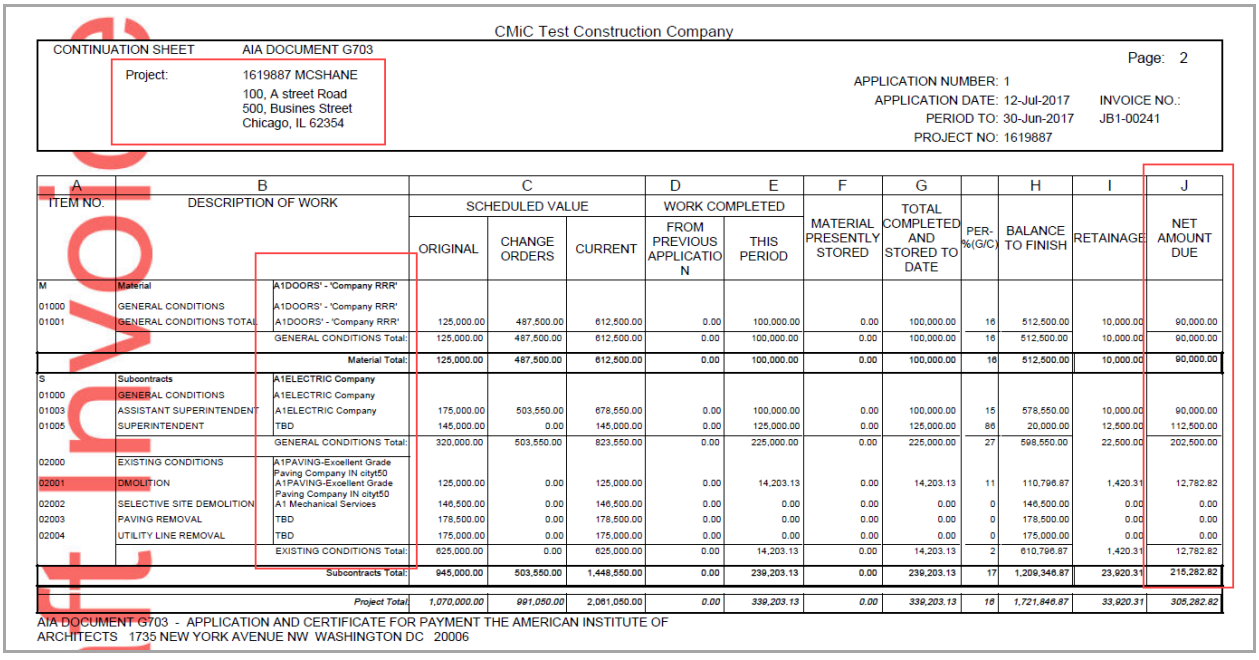
1. Changed the AIA verbiage and just show the Project Name and Address.

2. Inserted a column to show the vendor name associated with the vendor for that line item. Group 3 codes are used to roll up billing codes on the invoice. The Vendor of the first bill code assigned to that group 3 code should be used on the invoice.

3. Added a column called Net Amount Due. This is calculated as Total Completed and Stored to Date (G) minus From Previous Application (D) minus CURRENT Retainage from this draw.

Note: Adding 2 more columns to the invoice will require us reducing the other fields size and fonts.





CMiC Test Construction Company

CONTINUATION SHEET AIA DOCUMENT G703

Project: 1619887 MCSHANE
100, A street Road
500, Busines Street
Chicago, IL 62354

Page: 2

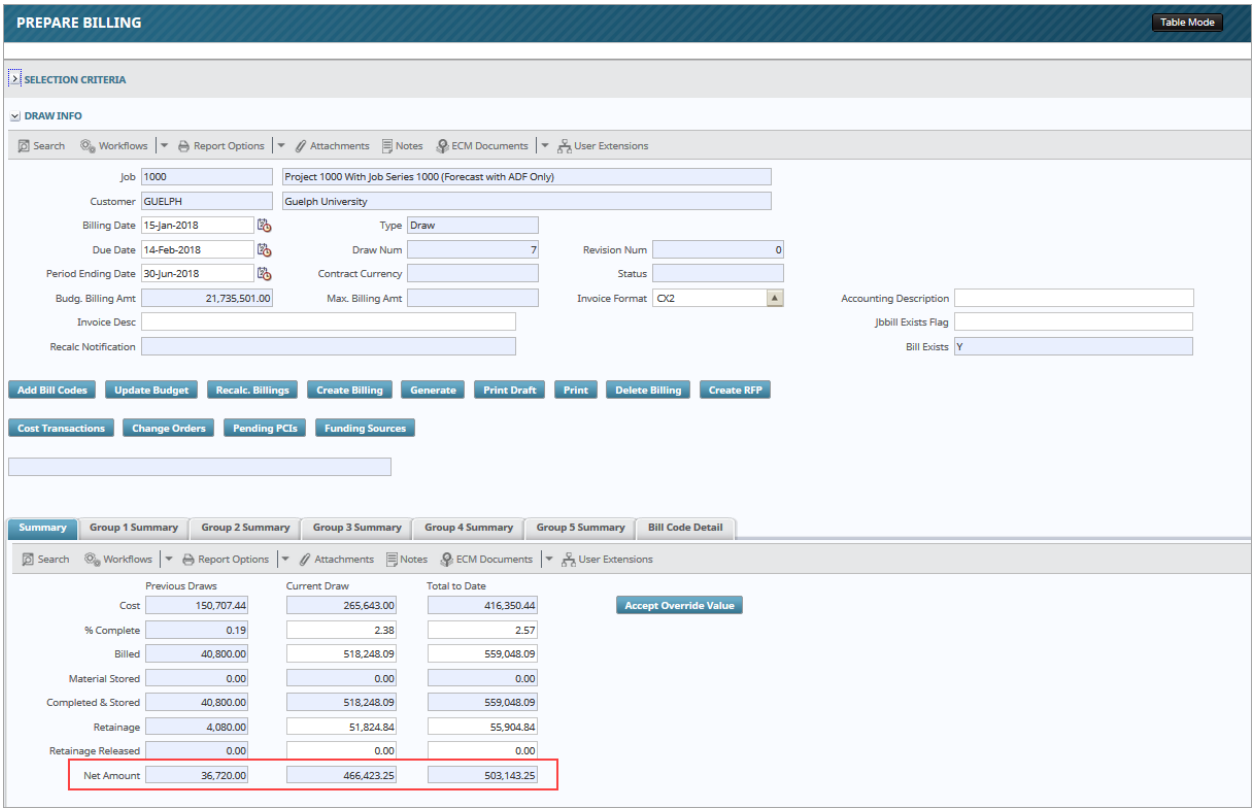
APPLICATION NUMBER: 1
APPLICATION DATE: 12-Jul-2017 INVOICE NO.:
PERIOD TO: 30-Jun-2017 JB1-00241
PROJECT NO: 1619887

A ITEM NO.	B DESCRIPTION OF WORK		C SCHEDULED VALUE ORIGINAL	C CHANGE ORDERS	C CURRENT	D WORK COMPLETED FROM PREVIOUS APPLICATION	E THIS PERIOD	F MATERIAL PRESENTLY STORED	G TOTAL COMPLETED AND STORED TO DATE	PER-%(G/C)	H BALANCE TO FINISH	I RETAINAGE	J NET AMOUNT DUE
M	Material	A1DOORS' - 'Company RRR'											
01000	GENERAL CONDITIONS	A1DOORS' - 'Company RRR'											
01001	GENERAL CONDITIONS TOTAL	A1DOORS' - 'Company RRR'	125,000.00	487,500.00	612,500.00	0.00	100,000.00	0.00	100,000.00	16	512,500.00	10,000.00	90,000.00
		GENERAL CONDITIONS Total:	125,000.00	487,500.00	612,500.00	0.00	100,000.00	0.00	100,000.00	16	512,500.00	10,000.00	90,000.00
		Material Total:	125,000.00	487,500.00	612,500.00	0.00	100,000.00	0.00	100,000.00	16	512,500.00	10,000.00	90,000.00
S	Subcontracts	A1ELECTRIC Company											
01000	GENERAL CONDITIONS	A1ELECTRIC Company											
01003	ASSISTANT SUPERINTENDENT	A1ELECTRIC Company	175,000.00	503,550.00	678,550.00	0.00	100,000.00	0.00	100,000.00	15	578,550.00	10,000.00	90,000.00
01005	SUPERINTENDENT	TBD	145,000.00	0.00	145,000.00	0.00	125,000.00	0.00	125,000.00	86	20,000.00	12,500.00	112,500.00
		GENERAL CONDITIONS Total:	320,000.00	503,550.00	823,550.00	0.00	225,000.00	0.00	225,000.00	27	598,550.00	22,500.00	202,500.00
02000	EXISTING CONDITIONS	A1PAVING-Excellent Grade Paving Company IN cityt50											
02001	DMOLITION	A1PAVING-Excellent Grade Paving Company IN cityt50	125,000.00	0.00	125,000.00	0.00	14,203.13	0.00	14,203.13	11	110,796.87	1,420.31	12,782.82
02002	SELECTIVE SITE DEMOLITION	A1 Mechanical Services	146,500.00	0.00	146,500.00	0.00	0.00	0.00	0.00	0	146,500.00	0.00	0.00
02003	PAVING REMOVAL	TBD	178,500.00	0.00	178,500.00	0.00	0.00	0.00	0.00	0	178,500.00	0.00	0.00
02004	UTILITY LINE REMOVAL	TBD	175,000.00	0.00	175,000.00	0.00	0.00	0.00	0.00	0	175,000.00	0.00	0.00
		EXISTING CONDITIONS Total:	625,000.00	0.00	625,000.00	0.00	14,203.13	0.00	14,203.13	2	610,796.87	1,420.31	12,782.82
		Subcontracts Total:	945,000.00	503,550.00	1,448,550.00	0.00	239,203.13	0.00	239,203.13	17	1,209,346.87	23,920.31	215,282.82
		Project Total	*1,070,000.00*	*991,050.00*	*2,061,050.00*	*0.00*	*339,203.13*	*0.00*	*339,203.13*	*16*	*1,721,846.87*	*33,920.31*	*305,282.82*

AIA DOCUMENT G703 - APPLICATION AND CERTIFICATE FOR PAYMENT THE AMERICAN INSTITUTE OF ARCHITECTS 1735 NEW YORK AVENUE NW WASHINGTON DC 20006

Invoice

Row for Net Amount in Summary Tab of Prepare Billings (18.62266)



Added a new row ‘Net Amount’ to the program G/C Prepare Billing, the new row is calculated as Gross Amount (Billed Amount) + Retainage Released - Retainage. This calculation was done in the three columns ‘Previous Draws’, ‘Current Draw’ and ‘Total To Date’.

Note: This implementation was done in standard ADF G/C Prepare Billing. The new fields (row) is hidden by default the user will need to add them manually. This new row was added to the program G/C Prepare Billing only, no other program or reports will be modified to use these new fields.

Auto PO# Populates on JBBILL2 (18.59716)

A new flag "Default" added to the PO/WO Popup on the job setup screen as well as the popup for creating new PO/WO on the G/C Prepare Billing Screen.

The G/C Prepare Billing program modified so that the PO/WO field that has been flagged as default will auto populate when the contract/job is specified. The user can change it by selecting a different one from the List of Values.

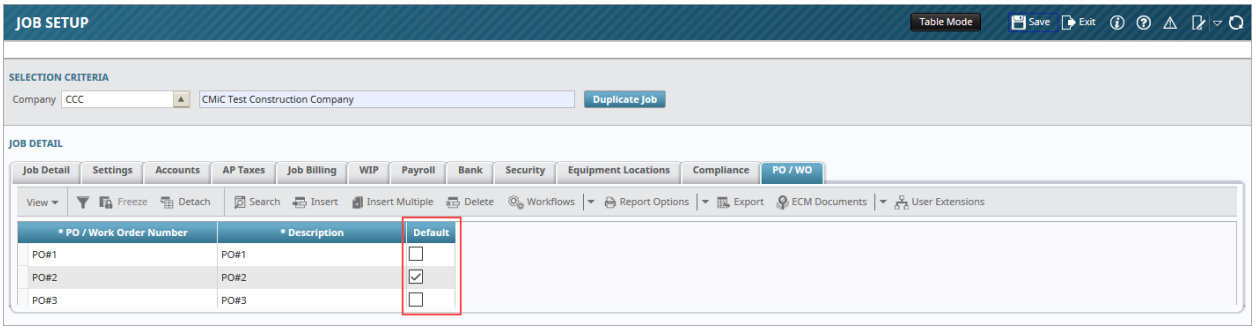
NOTES:

There can only be one default at a time.

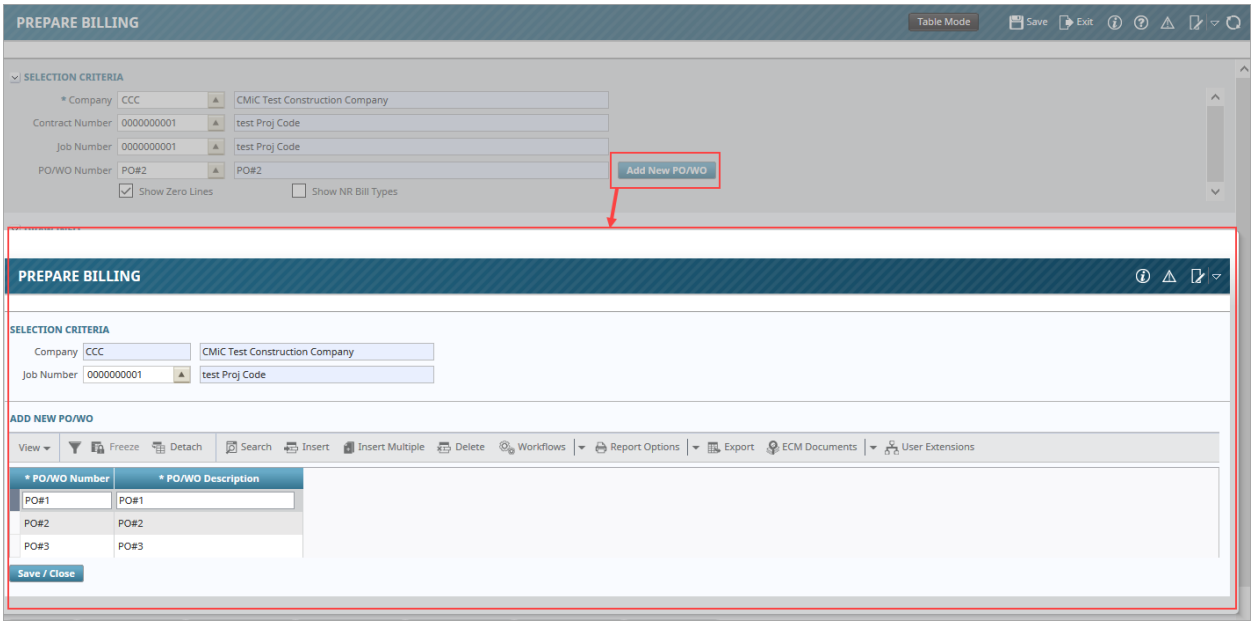
If it is a revision then the program will retrieve the previous PO/WO code from the previous draw.

If it is a new draw then the program will retrieve the default PO/WO code from JC Job.

Added a new flag ‘Default’ to the PO/WO Popup on the job setup screen

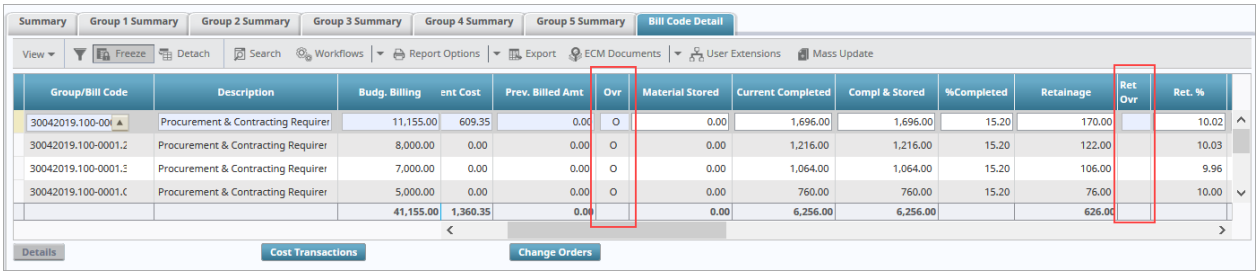


Added a new popup for creating new PO/WO on the G/C Prepare Billing Screen



Override columns on JBBILL2 (18.57915)

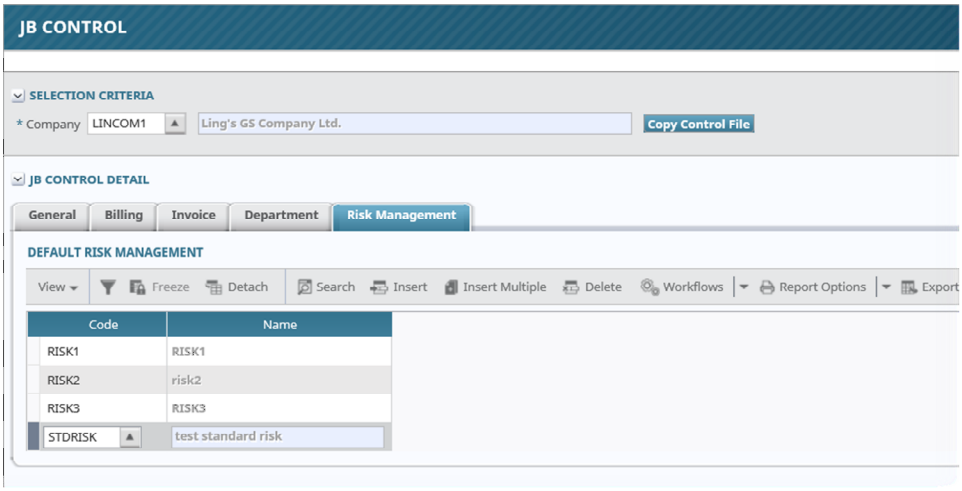
New 2 columns (‘Ovr.’ and ‘Ret Ovr.’) added to the ‘Bill Code Details’ tab on the G/C Prepare Billing Screen. New columns show whether line was overridden or not.



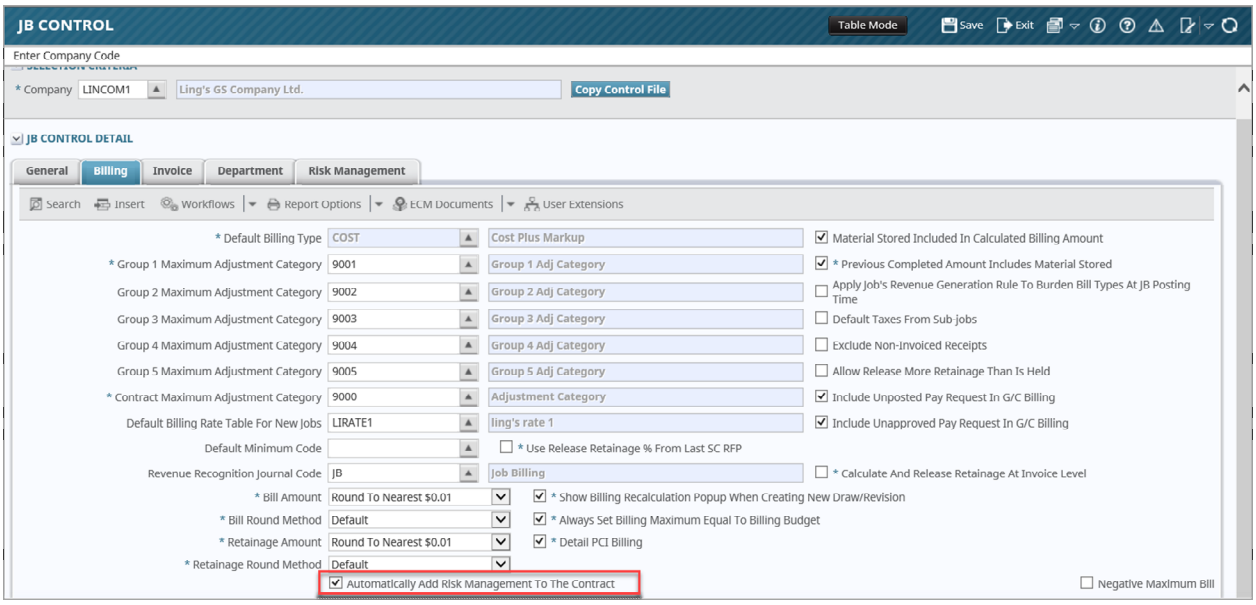
Add Job to allocate Risk Management Cost during Job Billing Posting in Contract (18.60322)

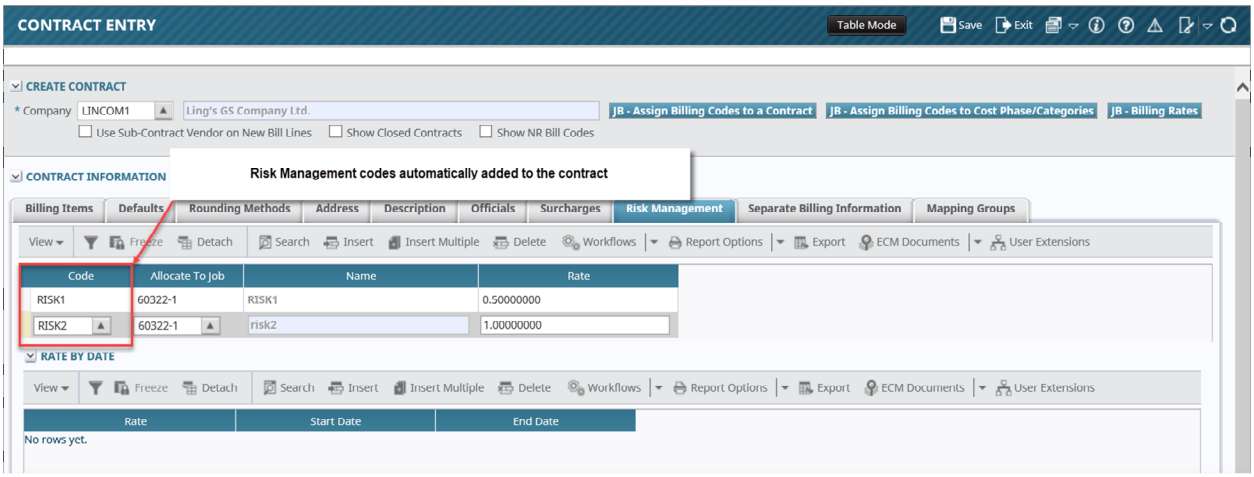
Allocate risk management cost calculation results to another job (sub-job) with the same controlling job. The billing posting will calculate the cost based upon the contract currently being billed but will allocate the cost to another job (sub-job) indicated in the risk management tab of the current contract.

Set up default Risk Management on Risk Management tab of JB Contract

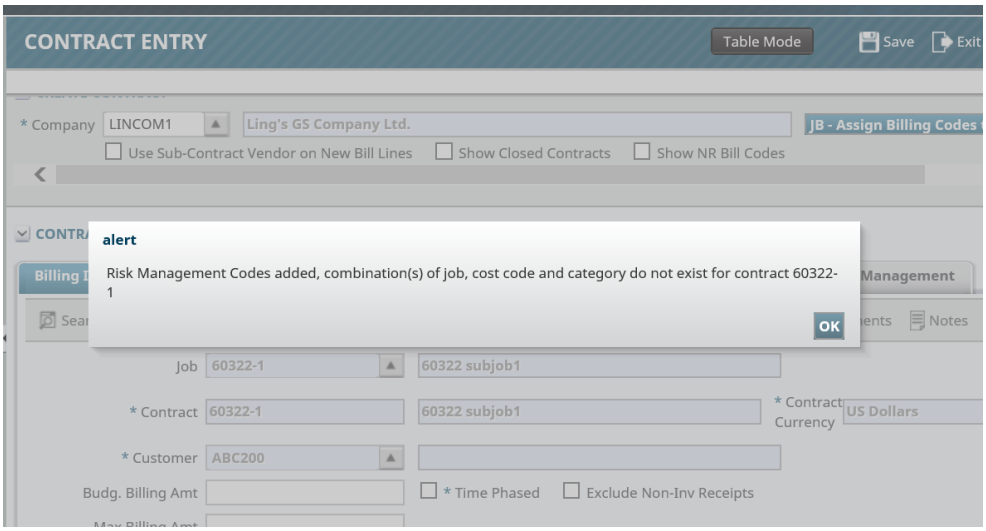


Added a new check box "Automatically Add Risk Management To The Contract" on the job billing control file. If this flag is checked, default risk management codes will be automatically added to every new contract. Otherwise, risk management codes can be manually entered by users.

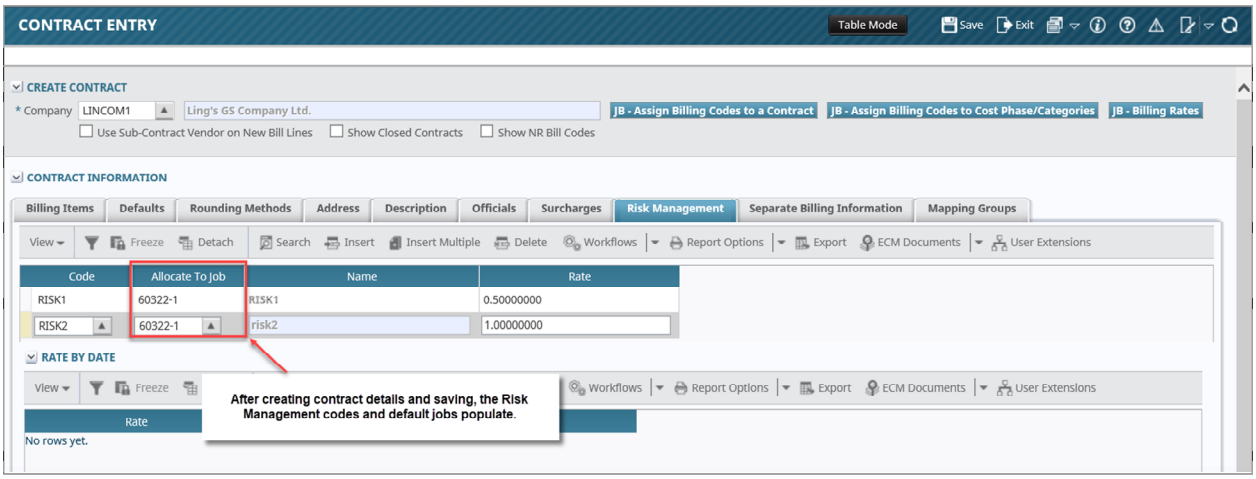


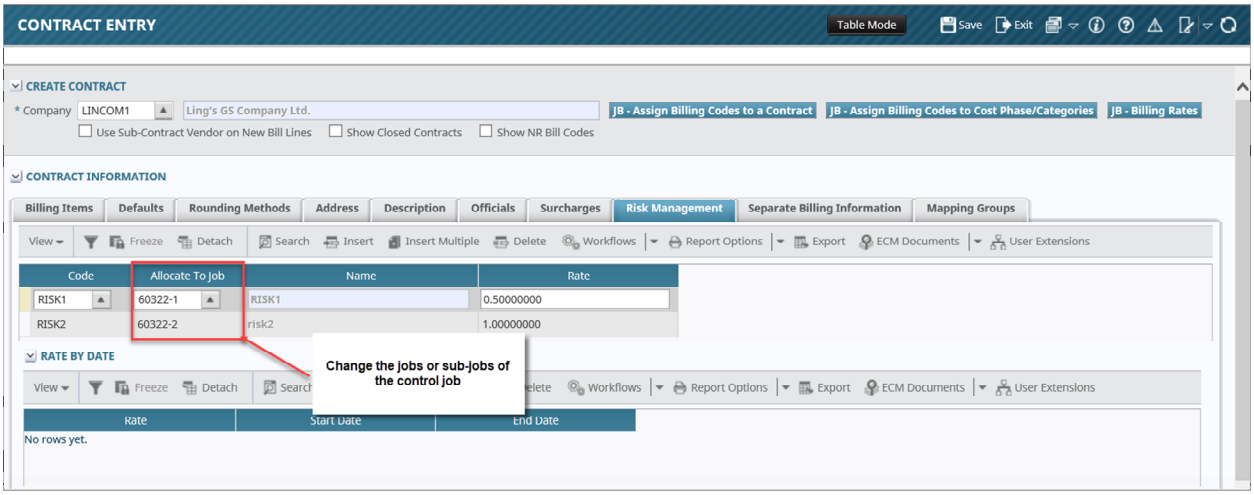


A warning will be issued to the user when clicking on “Create Contract Details” button on “Billing Items” tab if the associated cost code /category does not exist for the job. This warning will not prevent the user from saving the record.

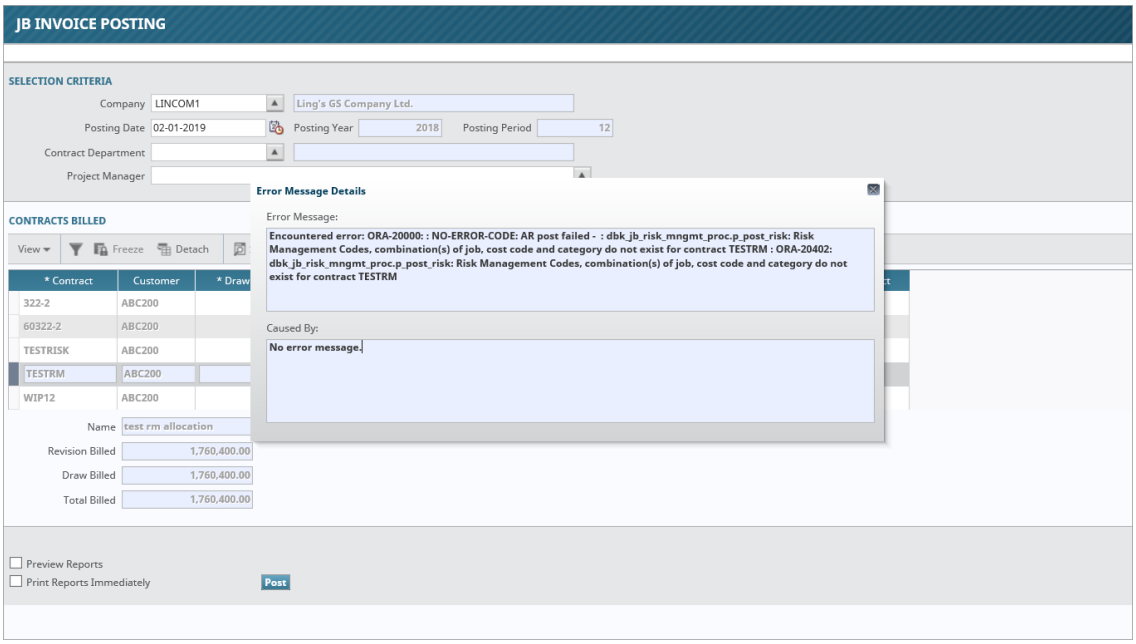


Add a new field "Allocate To Job" on the risk management tab of job billing contract entry. In order to maintain current functionality, this new field will be defaulted to the contract job for new contracts. The user will be able to change it to either the controlling job or sub jobs.

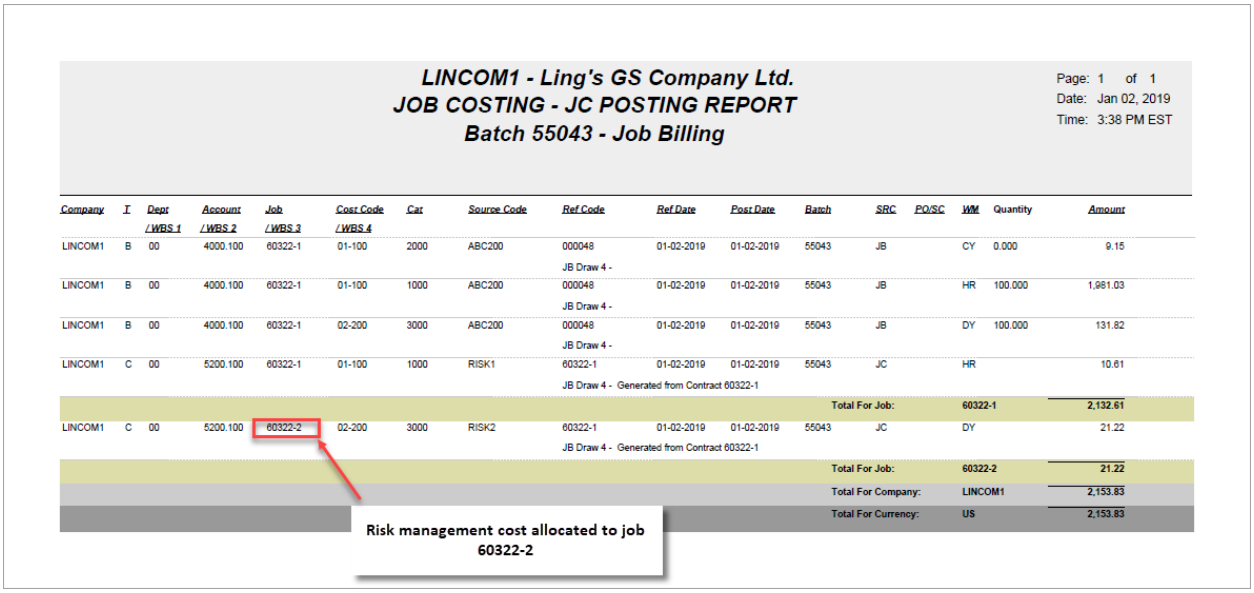




The validation of job code/cost code/category for creation of the risk management transaction will be during the posting of the JB invoice. If the combination does not exist, the posting will fail, and a message will be provided to the user indicating that the reason for the failure is missing combination(s) associated to the risk management setup for the contract. If the failure is due to multiple combinations, a general message will be provided rather than a specific message.

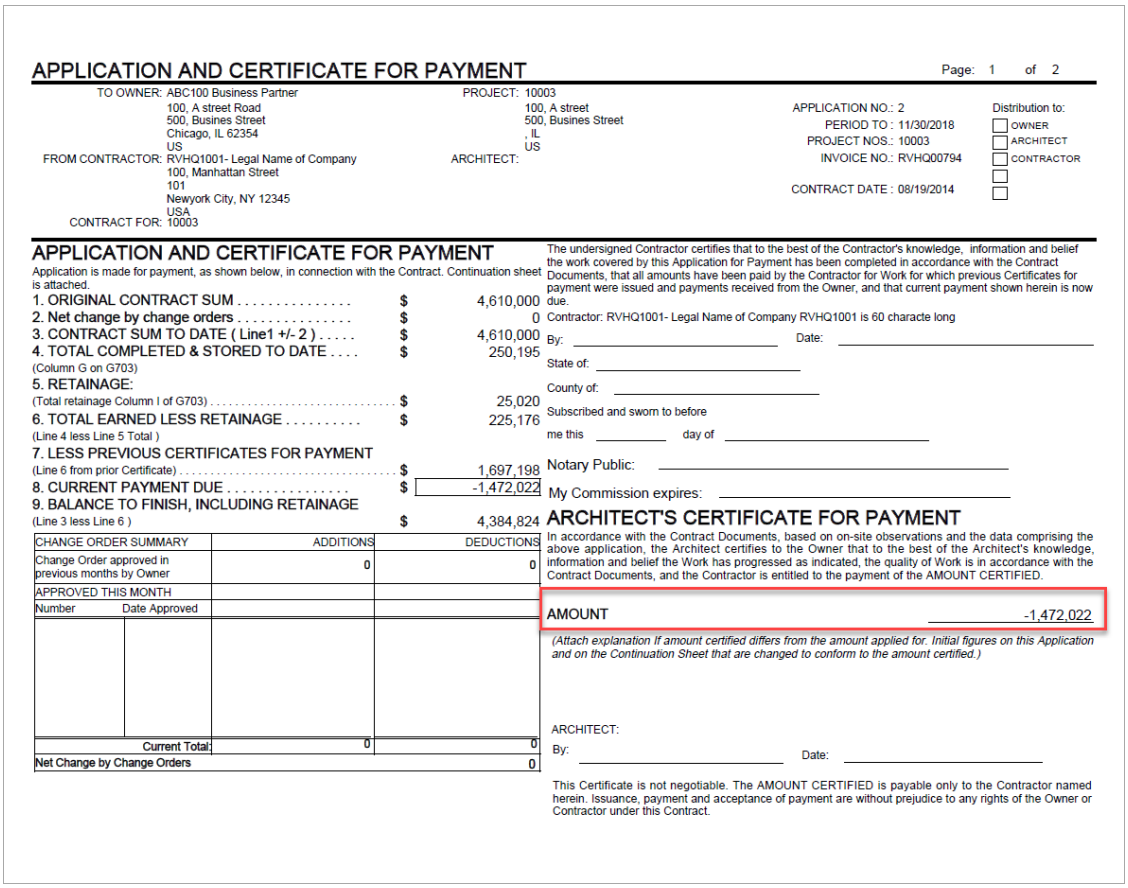


The billing posting will calculate the cost based upon the contract currently being billed but will allocate the cost to the job indicated in the risk management tab of the current contract.



Add Amount Certified to JBPB Standard Format (19.74249)

Add the Current Payment Due amount to the right section of the Billing invoice, it will be added under Certificate of Payment replacing the line on the right side of the word Amount.



APPLICATION AND CERTIFICATE FOR PAYMENT

Page: 1 of 2

TO OWNER: ABC100 Business Partner
100, A street Road
500, Busines Street
Chicago, IL 62354
US

FROM CONTRACTOR: RVHQ1001- Legal Name of Company
100, Manhattan Street
101
Newyork City, NY 12345
USA

CONTRACT FOR: 10003

PROJECT: 10003
100, A street
500, Busines Street
, IL
US

ARCHITECT:

APPLICATION NO.: 2
PERIOD TO : 11/30/2018
PROJECT NOS.: 10003
INVOICE NO.: RVHQ00794

CONTRACT DATE : 08/19/2014

Distribution to:
☐ OWNER
☐ ARCHITECT
☐ CONTRACTOR
☐
☐

APPLICATION AND CERTIFICATE FOR PAYMENT

Application is made for payment, as shown below, in connection with the Contract. Continuation sheet is attached.

1. ORIGINAL CONTRACT SUM	$	4,610,000
2. Net change by change orders	$	0
3. CONTRACT SUM TO DATE (Line1 +/- 2)	$	4,610,000
4. TOTAL COMPLETED & STORED TO DATE (Column G on G703)	$	250,195
5. RETAINAGE: (Total retainage Column I of G703)	$	25,020
6. TOTAL EARNED LESS RETAINAGE (Line 4 less Line 5 Total)	$	225,176
7. LESS PREVIOUS CERTIFICATES FOR PAYMENT (Line 6 from prior Certificate)	$	1,697,198
8. CURRENT PAYMENT DUE	$	-1,472,022
9. BALANCE TO FINISH, INCLUDING RETAINAGE (Line 3 less Line 6)	$	4,384,824

CHANGE ORDER SUMMARY	ADDITIONS	DEDUCTIONS
Change Order approved in previous months by Owner	0	0
APPROVED THIS MONTH		
Number / Date Approved		
Current Total:	0	0
Net Change by Change Orders		0

The undersigned Contractor certifies that to the best of the Contractor's knowledge, information and belief the work covered by this Application for Payment has been completed in accordance with the Contract Documents, that all amounts have been paid by the Contractor for Work for which previous Certificates for payment were issued and payments received from the Owner, and that current payment shown herein is now due.

Contractor: RVHQ1001- Legal Name of Company RVHQ1001 is 60 characte long

By: _____ Date: _____

State of: _____

County of: _____

Subscribed and sworn to before me this _____ day of _____

Notary Public: _____

My Commission expires: _____

ARCHITECT'S CERTIFICATE FOR PAYMENT

In accordance with the Contract Documents, based on on-site observations and the data comprising the above application, the Architect certifies to the Owner that to the best of the Architect's knowledge, information and belief the Work has progressed as indicated, the quality of Work is in accordance with the Contract Documents, and the Contractor is entitled to the payment of the AMOUNT CERTIFIED.

AMOUNT -1,472,022

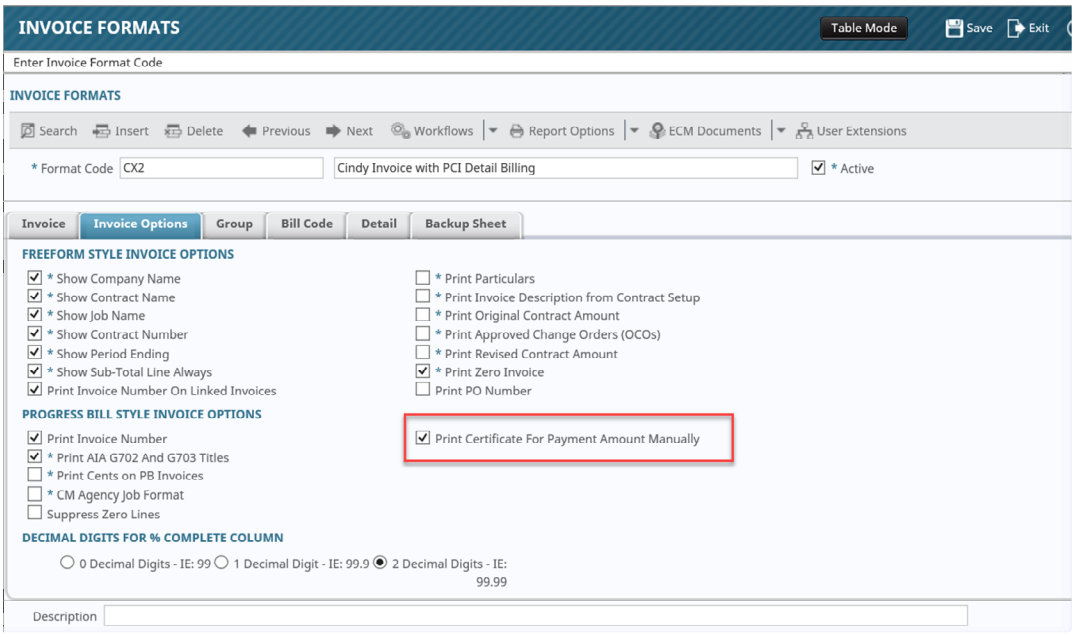
(Attach explanation If amount certified differs from the amount applied for. Initial figures on this Application and on the Continuation Sheet that are changed to conform to the amount certified.)

ARCHITECT:

By: _____ Date: _____

This Certificate is not negotiable. The AMOUNT CERTIFIED is payable only to the Contractor named herein. Issuance, payment and acceptance of payment are without prejudice to any rights of the Owner or Contractor under this Contract.

This will be enabled by a new invoice format option that will be added to the Job Billing invoice Format setup screen.



Job Costing

JC Foreign Batch Import – Multiple Users (08.24113)

Changes to the Foreign Batch Transaction import in JC to enable it to be used by multiple users at the same time. This change will add a front page that would be similar to the page on the Foreign Budget Import screen, so there would be an extra step. This will also change the edit functionality and the create transactions functionality to be restricted according to the First screen.

WIP – Default Budget Amt to Proj. Cost Override (09.32265)

Added a new flag 'Default Budget Cost to Projected Cost Override' to the Job Costing Control.

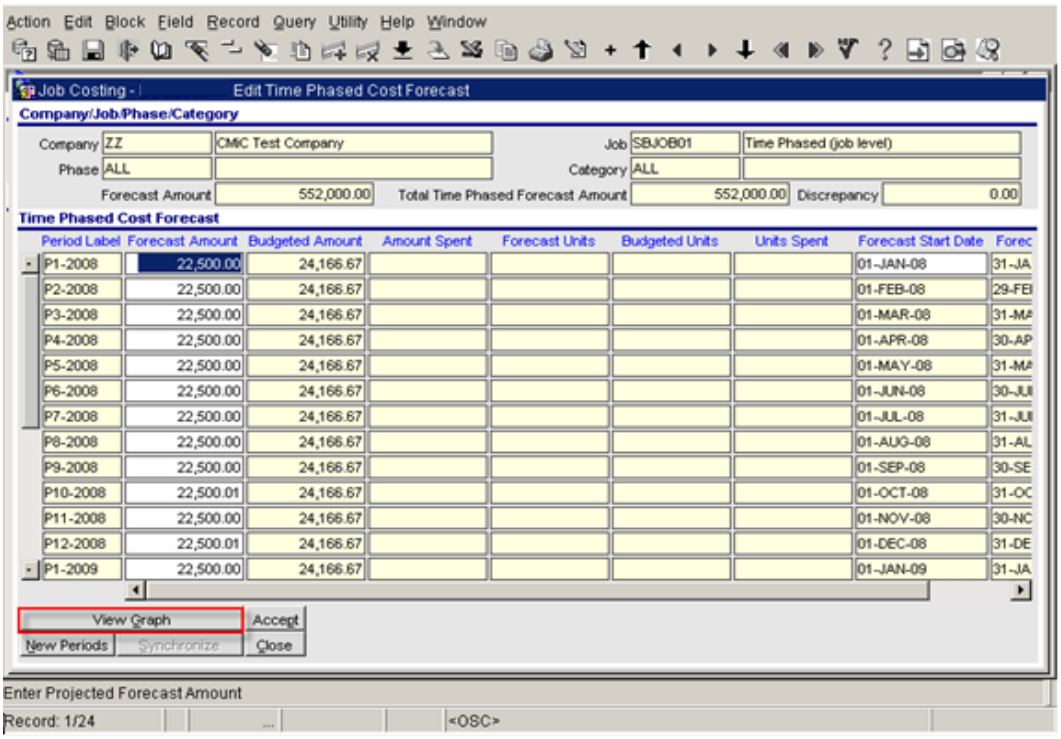
The value that is set on the JC Control will default to the Job Setup screen for any newly created jobs. It can be updated for new or existing jobs.

This flag, when checked, will cause the Budget Amount in the WIP screen to default into the Projected Cost Override field.

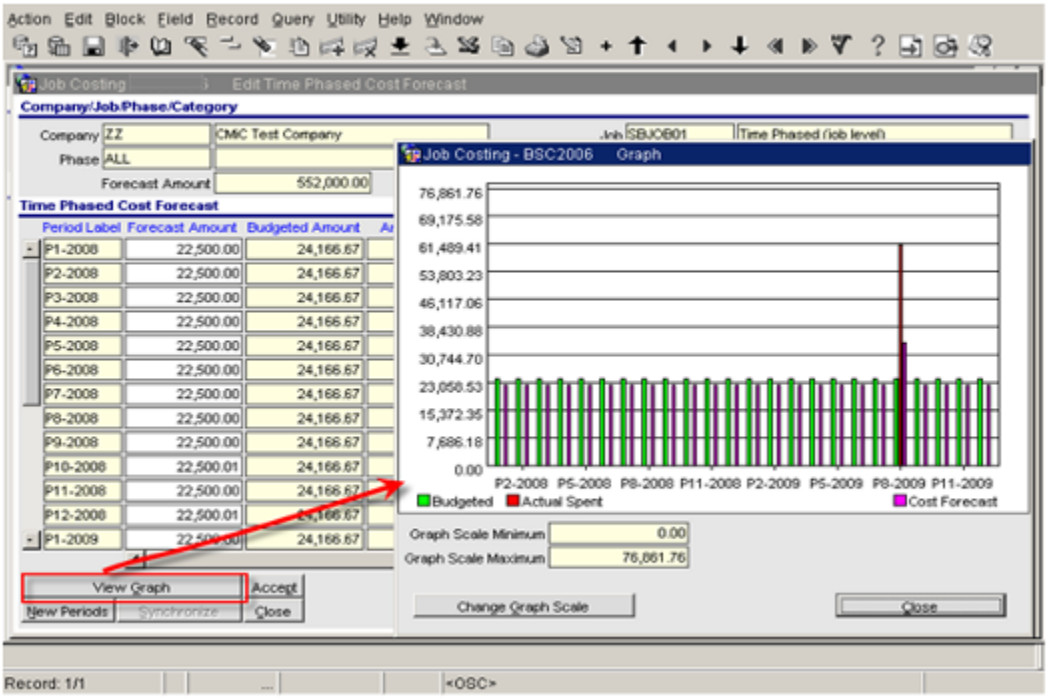
NOTE: **The [Clear Overrides]** function does not change. It clears the Projected Cost Override field as it usually does.

Time Phased Forecast - Full screen (09.35646)

The Time Phased Forecast popup has been changed to show a full window of the column data:



The **[View Graph]** button allows access to the graph, and the [Close] button on the Edit Time Phased Cost Forecast will close this screen:



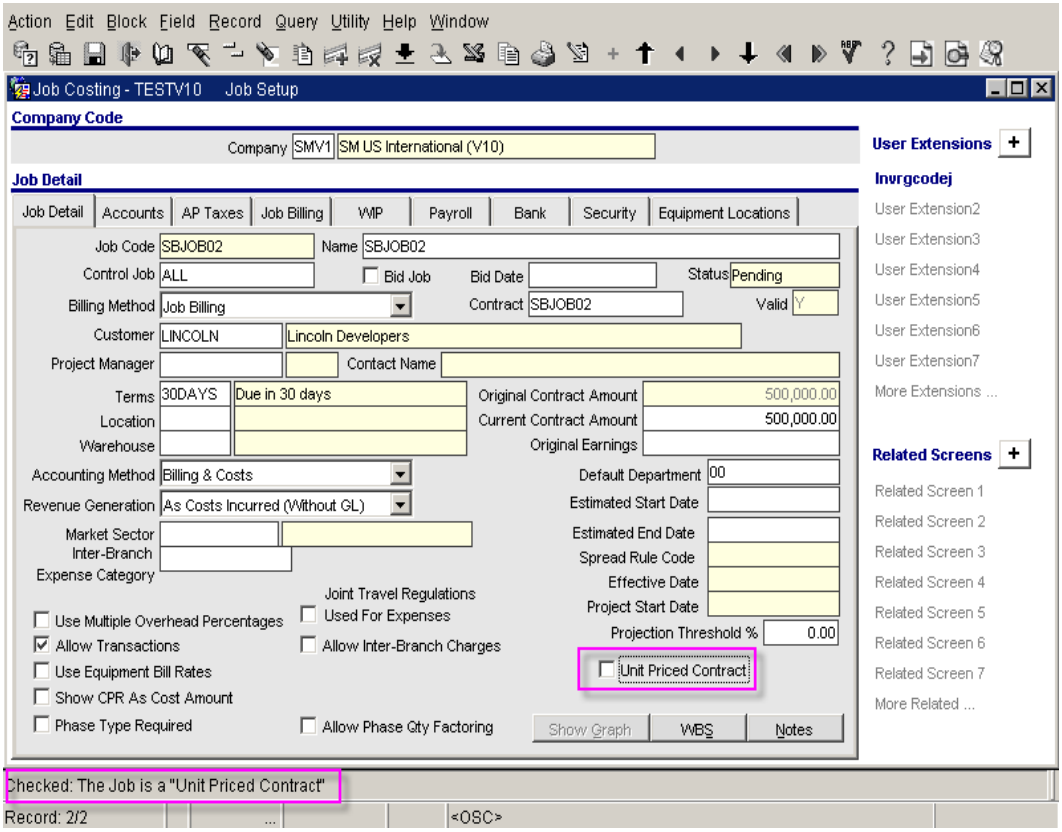
Freezing of Output Projected Quantity (09.35520)

Added a JC Control flag '**Freeze Output Projected Quantity'**. Default value is un-checked.

As long as the new flag 'Freeze Output Projected Quantity' is checked, the system DOES NOT update the Output Qty Projected value under ANY circumstance (i.e. even if the 'Freeze Units Along With Projected Amount' flag is un-checked while this new flag is checked).

This change affects **all** Units Complete postings.

Unit Priced Contracts – optional Billing Info in Change Orders
(09.30924)



For jobs that are 'Unit Priced Contracts' there is no link between the Job Billing Schedule of Values and the Job Cost Costing Structure. The following outline the changes that have been made to make this possible.

Summary of Changes

- On the **Job Setup** screen the checkbox **"Unit Priced Contract"** has been added and is used to indicate whether or not the job is a unit priced contract.
- The **Assign Phases** program has been changed to not populate the Phase level 'Estimated Revenue Rate' and Estimated Revenue Amount' if the job is a 'Unit Priced Contract'.
- The **Job Budget** program has been changed to not populate the category level 'Budgeted Revenue Rate' and Budgeted Revenue Amount' if the job is a 'Unit Priced Contract'.
- The **Revise Budget** program has been changed to not populate the Category Level 'Budgeted Revenue Rate' and Budgeted Revenue Amount' if the job is a 'Unit Priced Contract'.
- The **PM Forms PCI Entry** program has been changed to not require 'Billing' information to be entered if the job type is 'Unit Priced Contract' nor will it default any data into these fields.
- The **PM JSP PCI Entry** program has been changed to not require 'Billing' information to be entered if the job type is 'Unit Priced Contract' nor will it default any data into these fields.
- The **CM Forms Change Order Entry** program has been changed to not require 'Billing' information to be entered if the job type is 'Unit Priced Contract' nor will it default any data into these fields.

- The **posting routine** used in both Forms and JSP's for posting Change Orders has been changed to handle not having billing information on change orders.
- The **Job Cost Budget Import** program has been changed to not update 'Budgeted Revenue Rate' and Budgeted Revenue Amount' if the job is a 'Unit Priced Contract' - if the field is null in the imported data.
- The **Change Order Import** program has been changed to not require 'Billing' information to be included if the job type is 'Unit Priced Contract' - if the data is entered it will be used but it will not default information when creating the Change Order Details.

WIP: Profit Plan (10.47018)

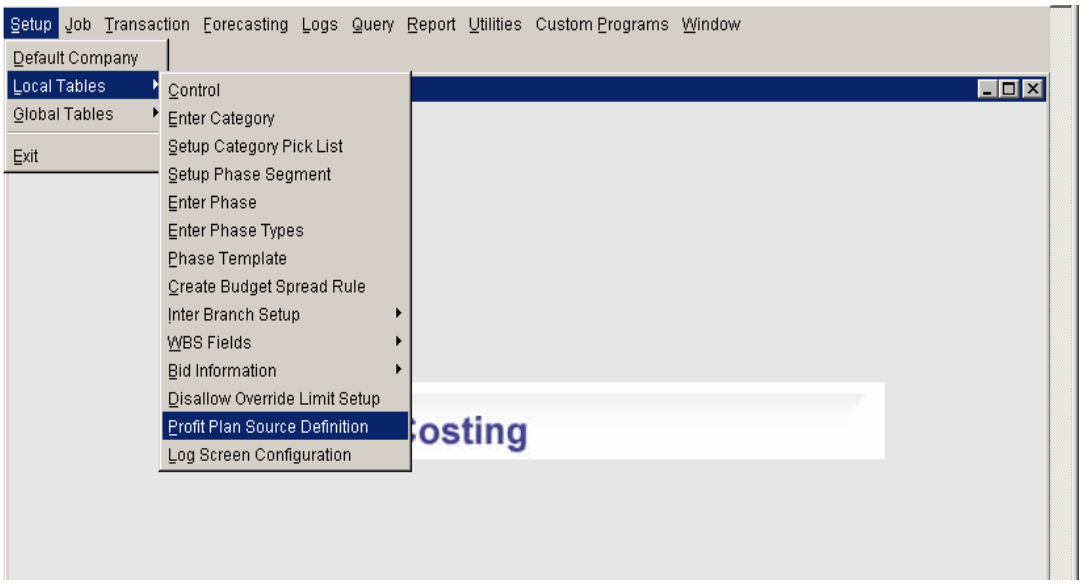
A Profit Plan can be defined against different groups of categories, e.g. Trades, Fees, Insurance and General Conditions. In order to give future flexibility and to ensure that the standard WIP screen can support category groupings the Profit Plan Source Definition screen has been built to accommodate a number of source codes - each source code can be associated with one or more categories.

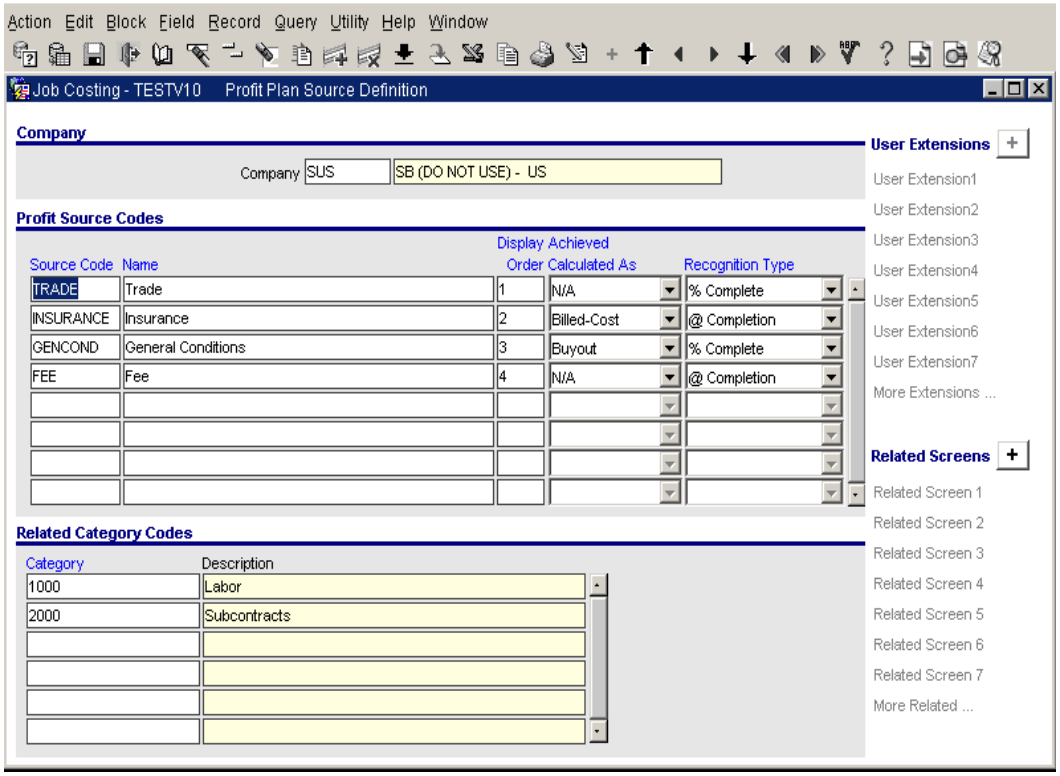
Summary of Changes in CMiC

1. JC Local Tables - Profit Plan Source Definition

Path: Job Costing > Local Tables > Profit Plan Source Definition

It allows grouping Categories into Source Codes and assigning calculation methods.





The **Achieved Calculated As** field can have the following values:

- Billed-Cost
- Buyout
- N/A

The value entered here will determine the calculation for the Achieved column in the WIP screen (further details given below).

The **Recognition Type** field can have the following values:

- % Complete
- @ Completion

2. WIP Screen – Profit By Source tab

This tab displays the Profit Plan broken out into the source group components. The Profit Plan is created once the user creates WIP for the first time if the Forecast is already stored or once the [Store Forecast] button is pressed on the WIP Adjustment tab page. Once created, the Profit Plan cannot be updated with the current values. This is kind of a snapshot of the system values taken at the time of the plan creation. Changes done on the WIP Adjustment tab page also will not update the Profit Plan.

TOP BLOCK

The top block is a summary of the detail block. The user cannot modify any values in the top block.

- **% Complete Forecasted** = Current Cost Amount / Projected Cost Amount * 100

- **% Complete System** = Current Cost Amount / Current Cost Budget Amount * 100
- **% Complete Override** = Current Cost Amount / Total Cost Override field * 100
- **Total Cost Forecasted** = Summary of Projected Cost Amount
- **Total Cost System** = Summary of Current Cost Amount
- **Total Cost Override** = Summary of Projected Cost Amount with Overrides from the Details block.

The **[Apply]** button will update the Projected Cost Override field in the WIP Adjustment tab page with the Total Cost Override value from the Profit Plan top block. All related fields in the WIP Adjustment tab page will be recalculated.

BOTTOM BLOCK

Source

Data is grouped by the Source Code as per the setup in the Profit Plan Source Definition.

Original Profit Plan

This is the Current Profit field value as it was in the first Year/Period Profit Plan. It will never be changed.

Current Profit calculated as

(System % Complete / 100)* (Current Revenue Budget Amt – Current Cost Amt).

Achieved Profit

Calculation depends on the "Achieved Calculated As" field in the Profit Plan Source Definition.

If the "Achieved Calculated As" value is

- **Buyout** - then the Achieved Profit will be calculated as summary of the categories Remaining Bid Item Amount.
- **Billed-Cost** - then the Achieved Profit will be calculated as 'Current Bill Amount' – 'Current Cost Amount'.
- **N/A** - then the Achieved Profit will be NULL.

Recognized Profit

If the Recognition Type (Profit Plan Source Definition) is

- **% Complete** - then Recognized Profit will equal 'Current Profit' value.
- **@ Complete** - then Recognized Profit will equal 'Current Profit' value once the 'System % Complete' field value is >100%.

If the 'Current Profit' value is negative, then the Recognized Profit will equal 'Current Profit' regardless of the 'System % Complete'.

Forecasted % Complete is calculated as

(Current Cost Amount / Projected Cost Amount) * 100

System % Complete is calculated as

(Current Cost Amount / Current Cost Budget Amount) * 100

Override % Complete

It is enterable by the users. Once entered, the following fields are re-calculated:

Override Earned Profit

= ‘Override % Complete’ / 100 * ‘Current Revenue Budget Amount’ – ‘Current Cost Amount’

Total Cost Override (it is not on the screen in the bottom block, but this value is summarized and displayed in the Total Cost Override in the top block)

= ‘Current Cost Amount’ / (‘Override % Complete’ * 100)

Override Earned Profit

It is enterable by the users. Once entered, the following fields are re-calculated:

Override % Complete

= ((‘Override Earned Profit’ + ‘Current Cost Amount’) * 100) / Current Revenue Budget Amount

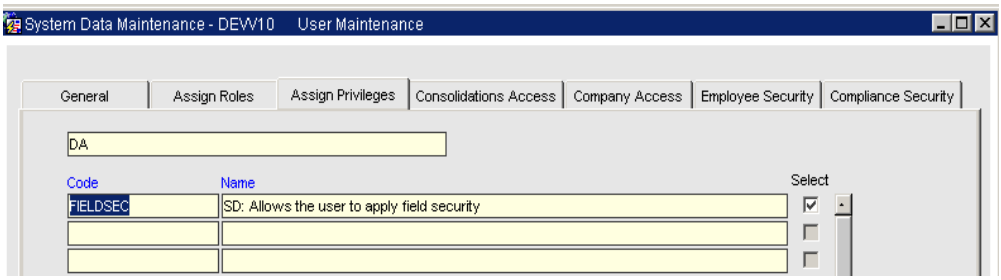
Total Cost Override (it is not on the screen in the bottom block, but this values is summarized and displayed in the Total Cost Override in the top block) =

‘Current Cost Amount’ / (‘Override % Complete’ * 100)

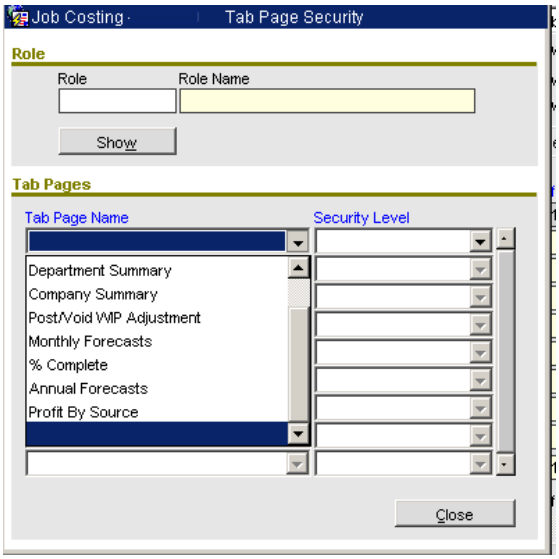
The **[Clear Overrides]** button will clear overrides entered in the bottom block either for the current job, or for all jobs.

3. WIP Tab Security

Field security can be applied to each tab on the WIP screen using the new button **[Tab Security]**. The button is only visible if the user has ‘**FIELDSEC – SD: Allows the user to apply field security**’ privilege assigned.



This will open a popup screen (see below) where the user can specify if a Tab Page is hidden or disabled for a particular Role. The role *ALL* is also available, allowing the user to restrict a Tab Page for all roles. The Tab Page security will be applied once the WIP screen is re-opened:



4. Dashboard

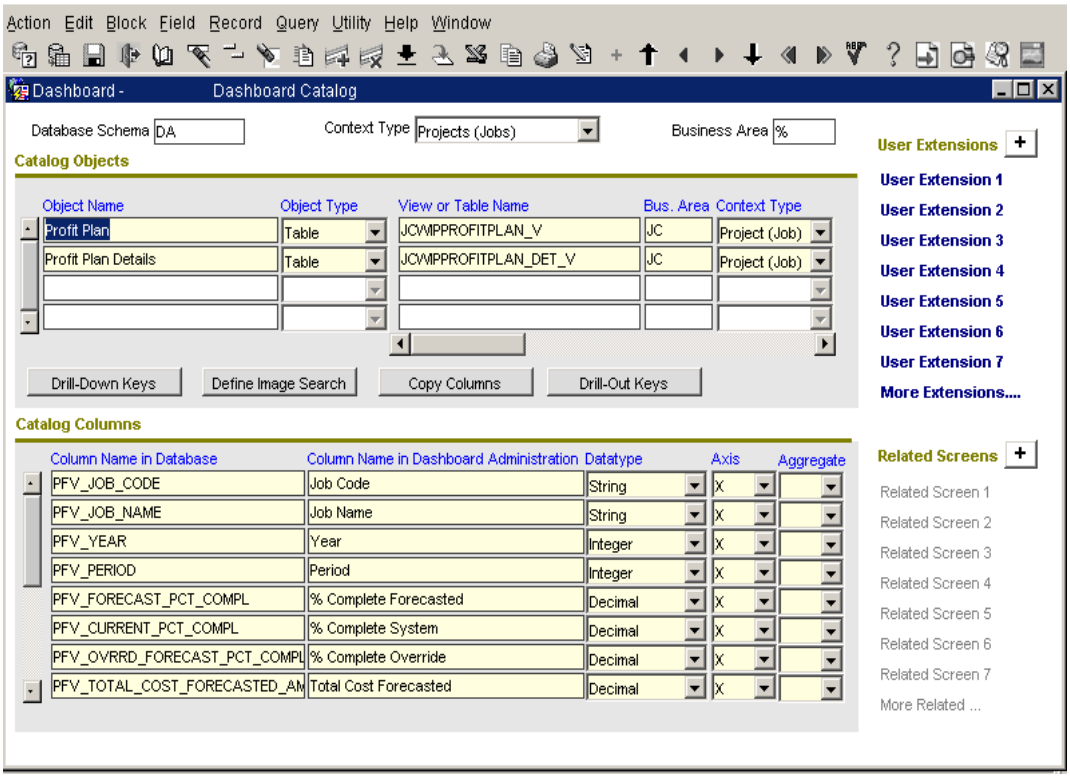
Profit Plan data is also available in the Dashboard. There are two Catalog Objects:

Profit Plan

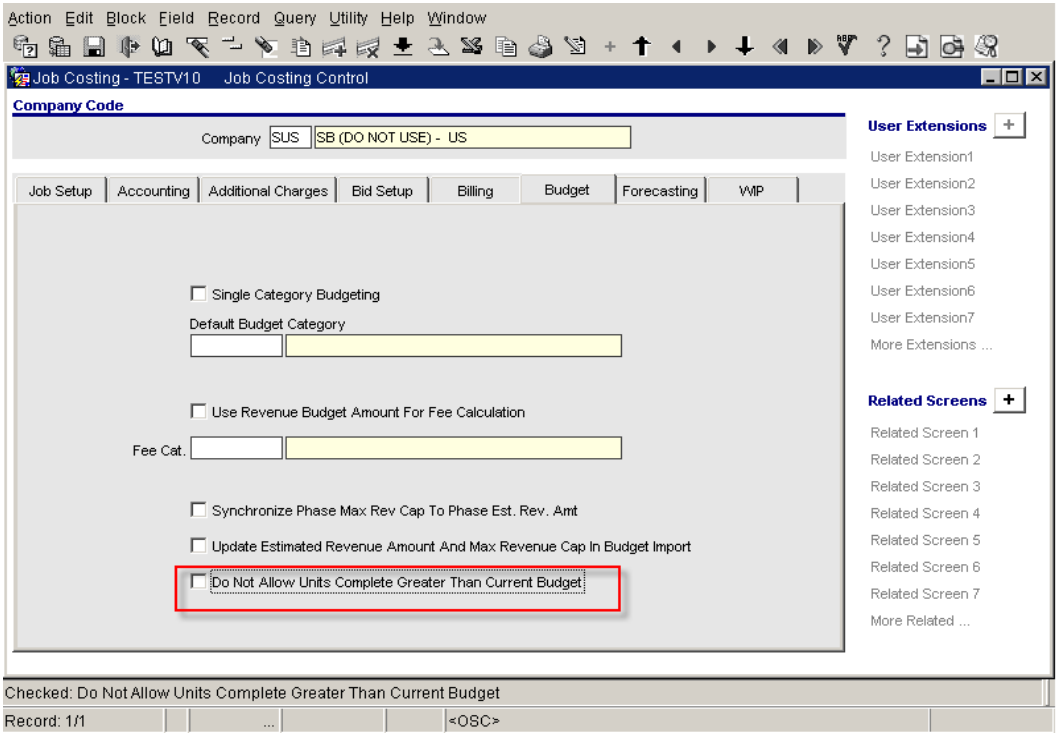
Provides data from the top block of the Profit By Source tab page in the WIP screen. This is a Profit Plan summary by jobs without Source Code details.

Profit Plan Details

Provides data from the bottom block of the Profit By Source tab page in the WIP screen. This is the Profit Plan details by jobs with the Source Code details.

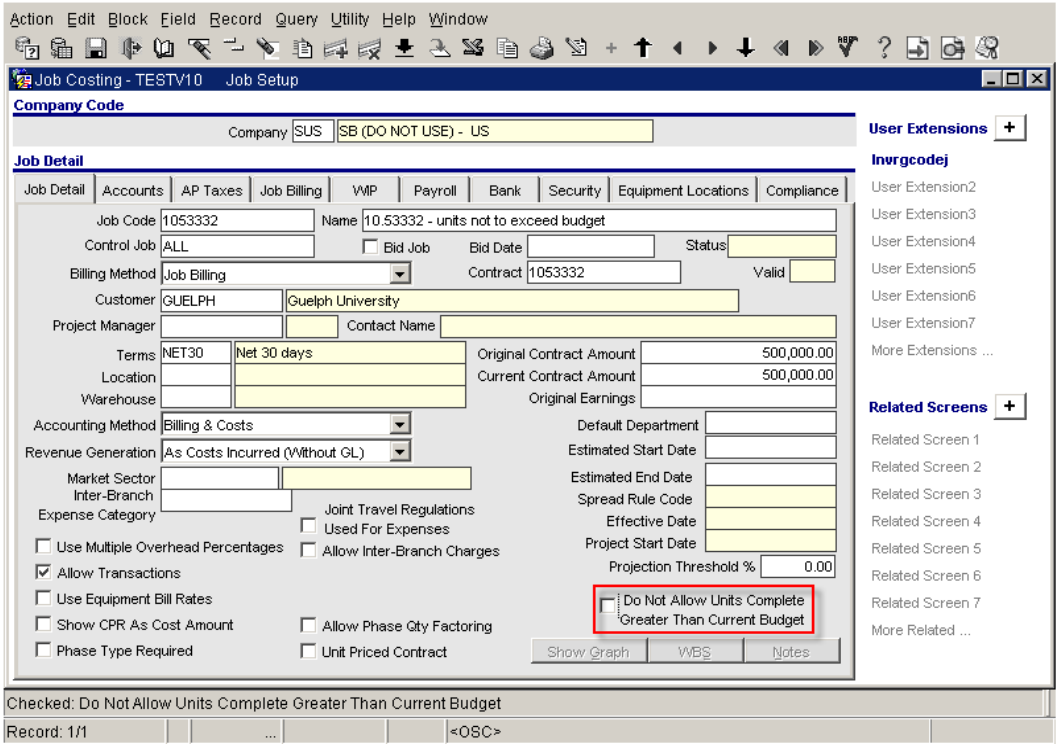


Do Not Allow Units in Excess of Budget (10.53332)

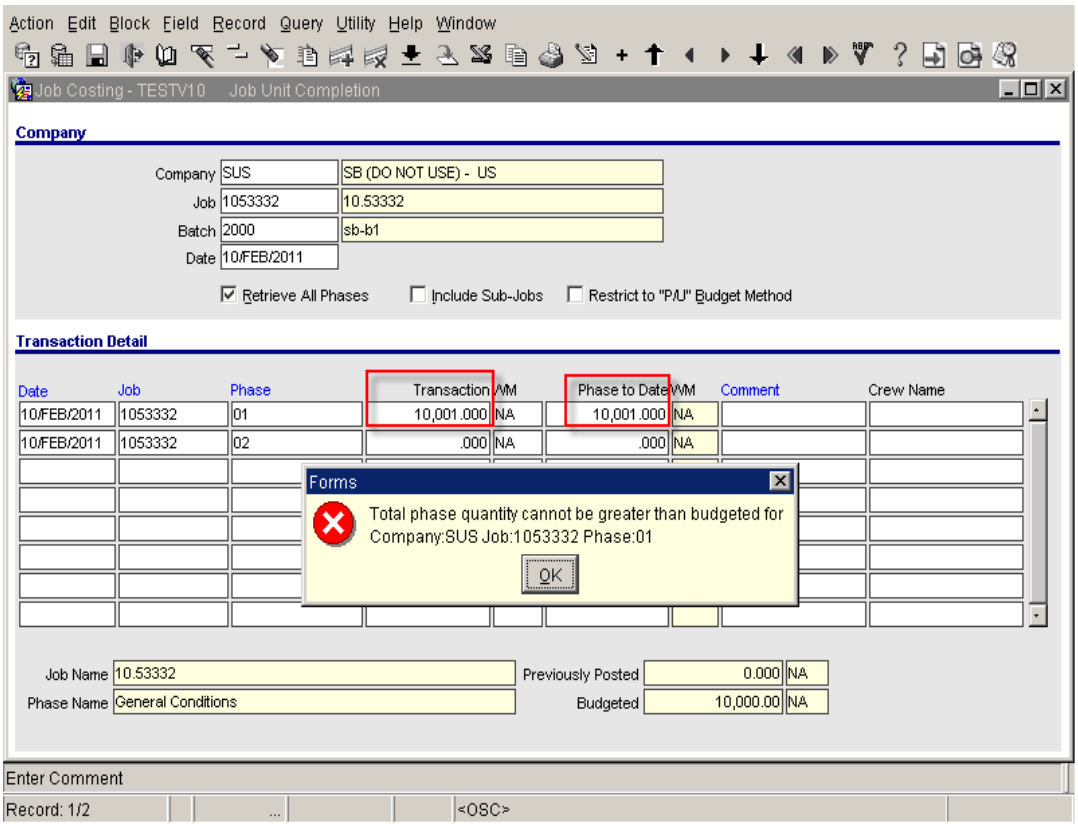


Added the flag '**Do Not Allow Units Complete Greater Than Current Budget**' to the Budget tab of the Job Cost Control File. By default, the flag is un-checked.

This default value is inherited by any newly created jobs, and can be overridden on the **Job Setup screen**.



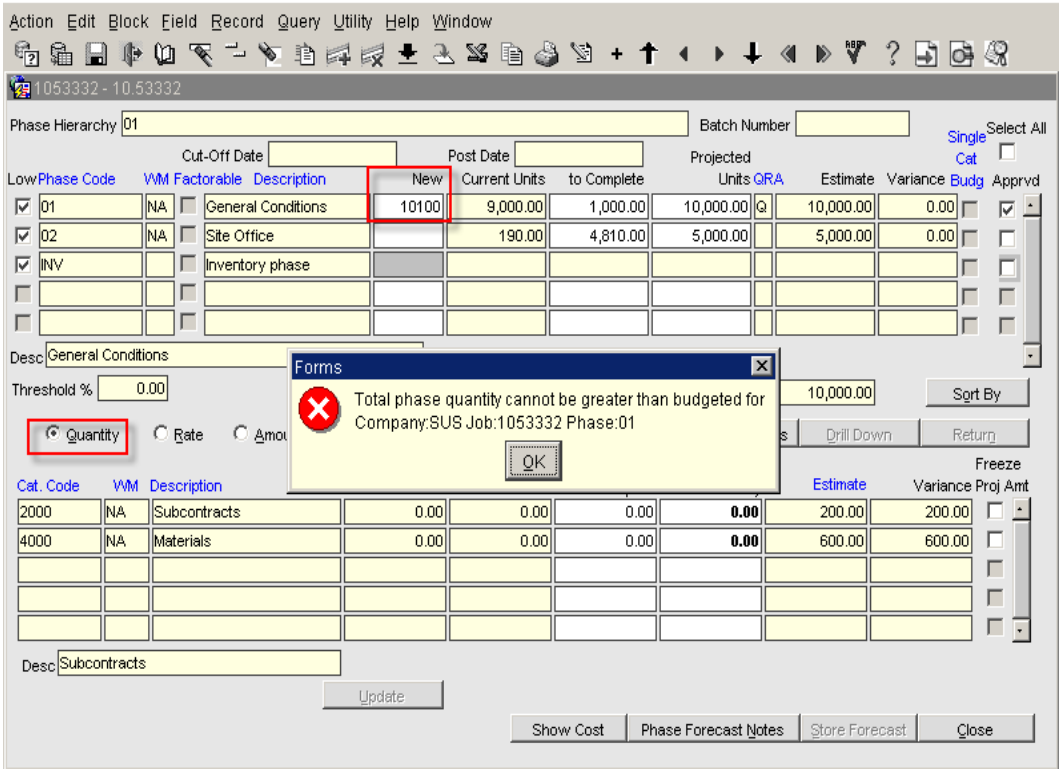
The Job Unit Completion screen has been modified to validate the units entered and ensure they do not exceed the budget, if the new flag is checked on the job.



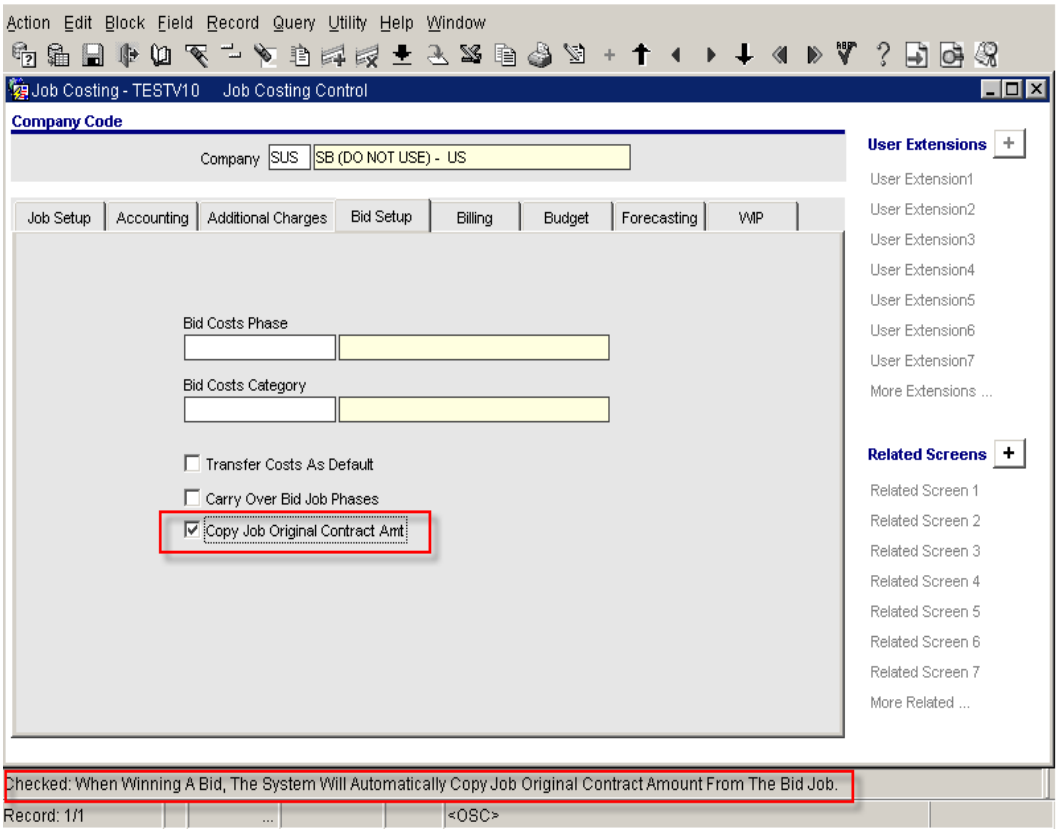
The message shown above is displayed when the user attempts to enter more units complete than has been budgeted for a given phase.

Similar validation is done for the Enter Units Forecast (Phases), and PM Daily Journal – Units Complete tab:




Action Edit Block Field Record Query Utility Help Window
1053332 - 10.53332
Phase Hierarchy 01
Batch Number
Cut-Off Date
Post Date
Select All
Single Cat Budg
Low Phase Code VM Factorable Description New Current Units to Complete Projected Units QRA Estimate Variance Apprvd
01 NA General Conditions 10100 9,000.00 1,000.00 10,000.00 Q 10,000.00 0.00
02 NA Site Office 190.00 4,810.00 5,000.00 5,000.00 0.00
INV Inventory phase
Desc General Conditions
Threshold % 0.00
Quantity
Rate
Amou
10,000.00
Sort By
Drill Down
Return
Forms
Total phase quantity cannot be greater than budgeted for Company:SUS Job:1053332 Phase:01
OK
Cat. Code VM Description Estimate Variance Freeze Proj Amt
2000 NA Subcontracts 0.00 0.00 0.00 0.00 200.00 200.00
4000 NA Materials 0.00 0.00 0.00 0.00 600.00 600.00
Desc Subcontracts
Update
Show Cost
Phase Forecast Notes
Store Forecast
Close

Setting Job Original Contract Amount (11.55569)



Added the flag : '**Copy Job Original Contract Amount**' to the Bid Setup tab of the Job Cost Control. By default, the flag is checked (to keep existing functionality where if the job is a bid job created from Opportunity Management, when the job is won the Original Contract Amount in the actual job gets updated with the Potential Revenue from the opportunity).

When the new flag is checked and the user is winning a bid job, the system will automatically copy the Original Contract Amount from the Bid Job to the new job code.

If the flag is un-checked, then when winning the bid job the system will not copy the original contract amount from the bid job.

WIP Contract Amount & Projected Profit Source (11.55707)

JC Control is modified with the addition of a third option to the existing pull down menu, called '**Contract Forecast**' to two of the fields (Contract Amount Source & Projected Profit Amount Source) under WIP tab.

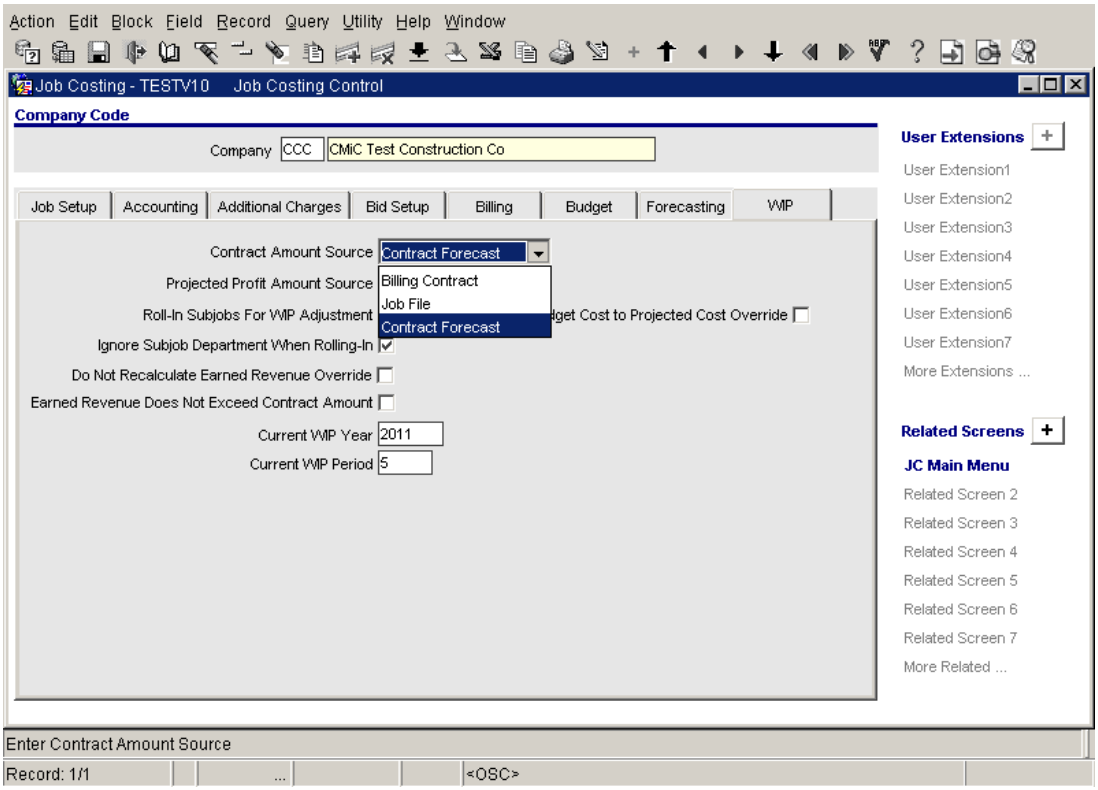
When these options are selected as 'Contract Forecast', the WIP program would retrieve the Contract Amount from the column 'Current Billing Budget Amount' in Contract Forecasting screen for the latest year / period for which the forecasting is stored in the system.

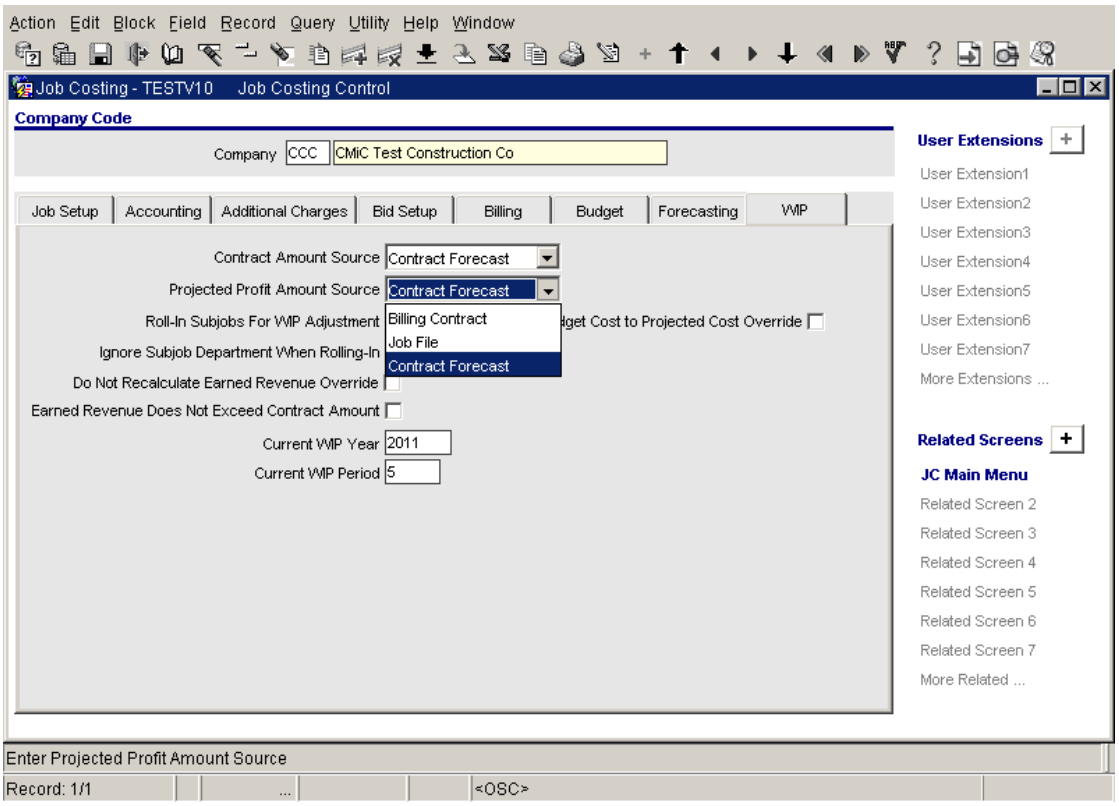
When there is no 'Contract Forecast' exists, then the program automatically uses the values from the 'Billing Contract' as default, otherwise from Job File.

Queries, Reports and Forms which read these values from JC Control to determine the contract amount are also modified. They are Executive Query, Billing Query, Contract Status Report, Cost and Revenue Forecast forms.

IMPORTANT NOTE: The latest Contract Forecasting Year/Period shall not be greater than the WIP Year/Period.

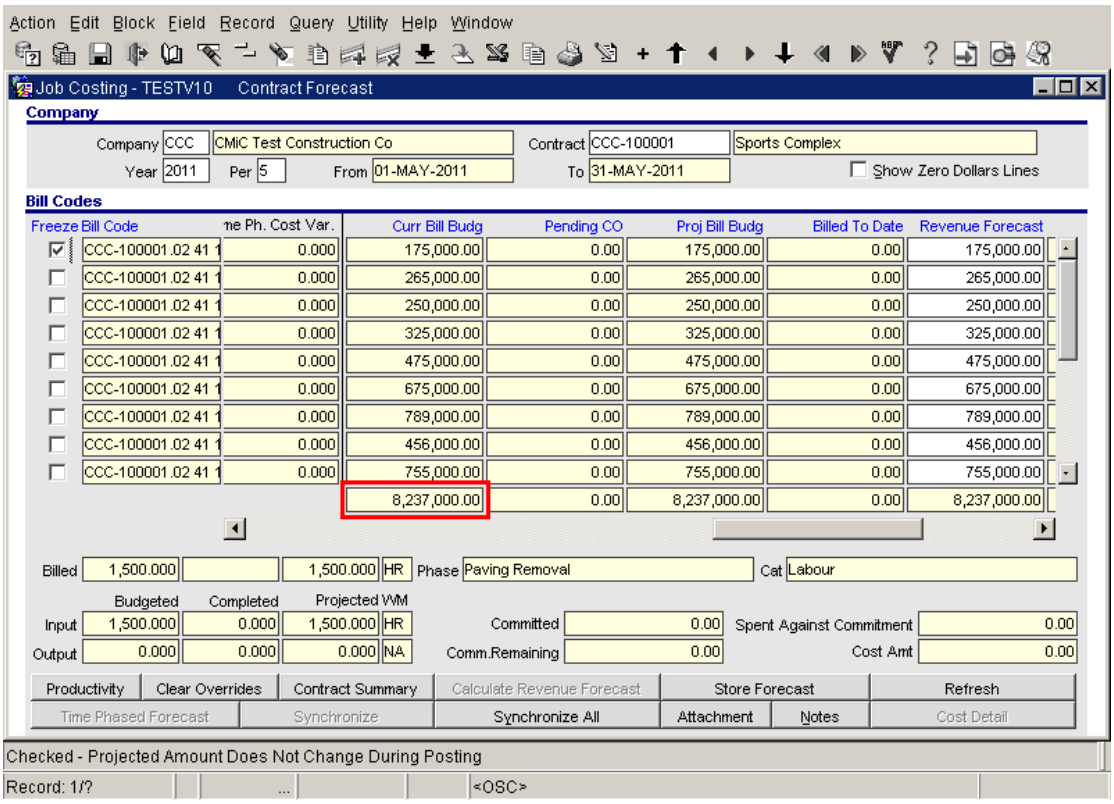
The following screens show the JC Control WIP tab with the new options for the 'Source' fields.

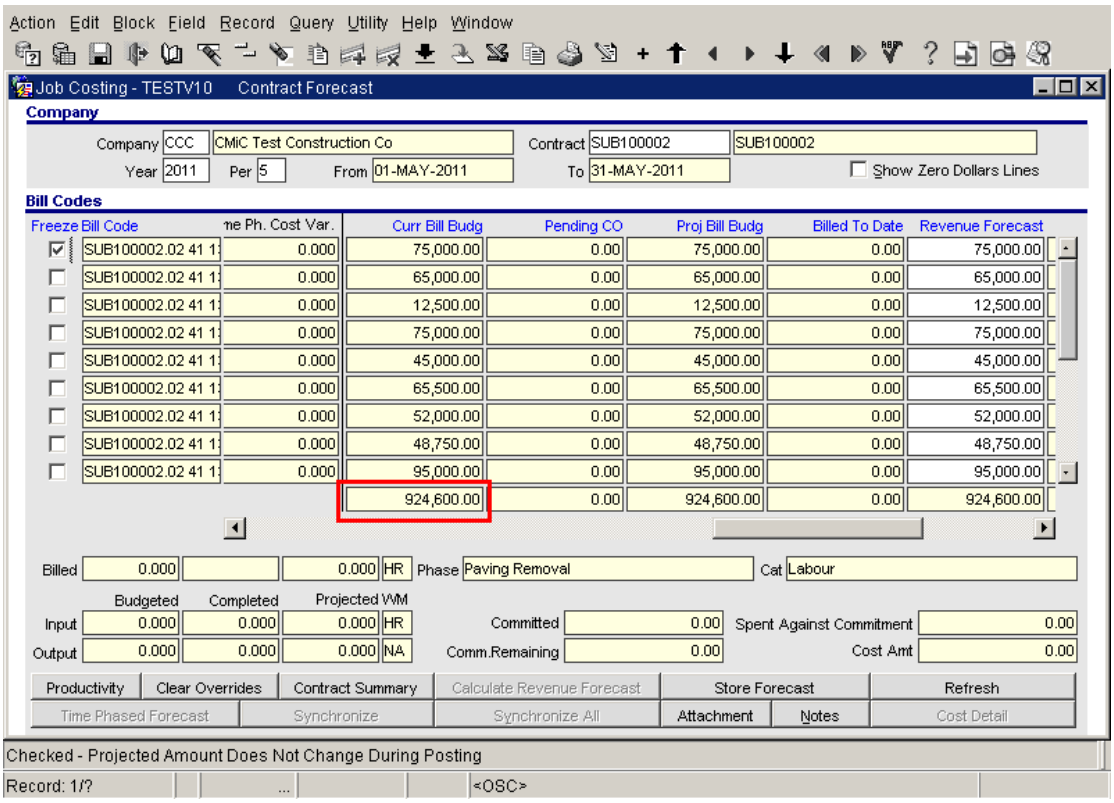




The following screens show an example of a Controlling Job with two sub jobs, one of them with its own contract code. Hence there are two distinct contract forecasts maintained in the system.

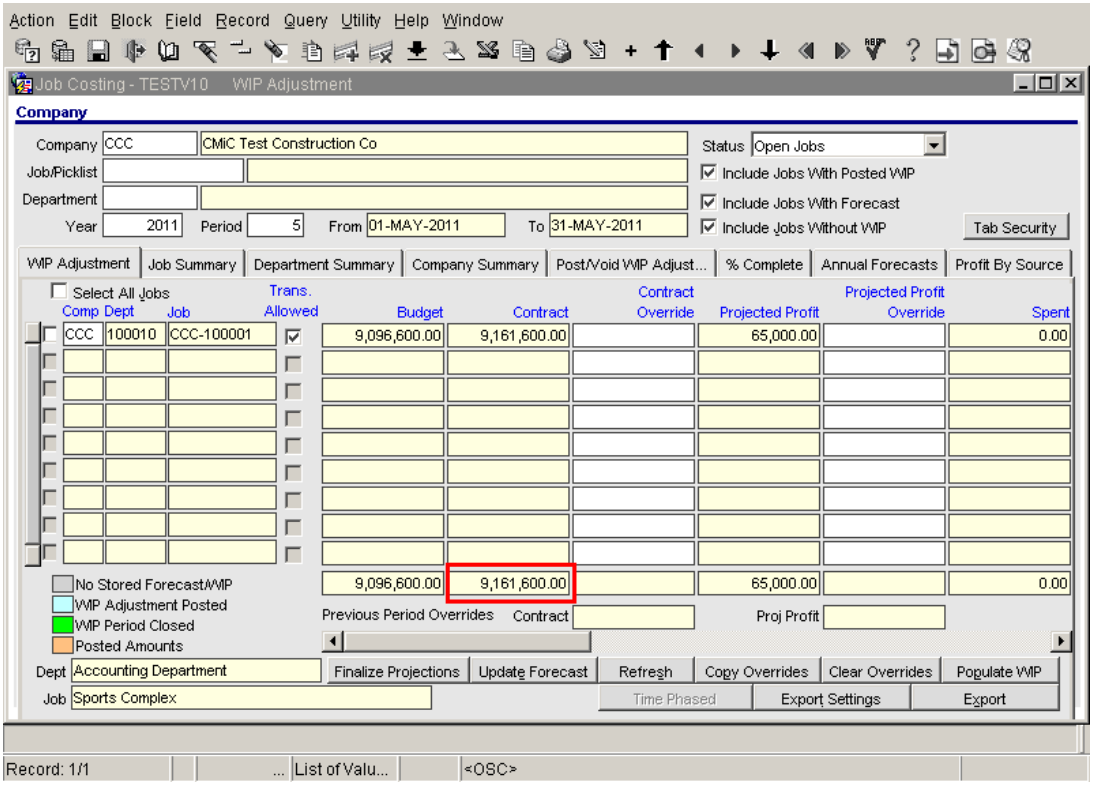
Since the Job Setup > WIP tab > 'Roll in Sub Jobs for WIP' is checked, we may expect that the Current Billing Budget Amount for both contracts from the latest period 2011/5 is summed up and populated into the Contract Amount column in the WIP Screen.

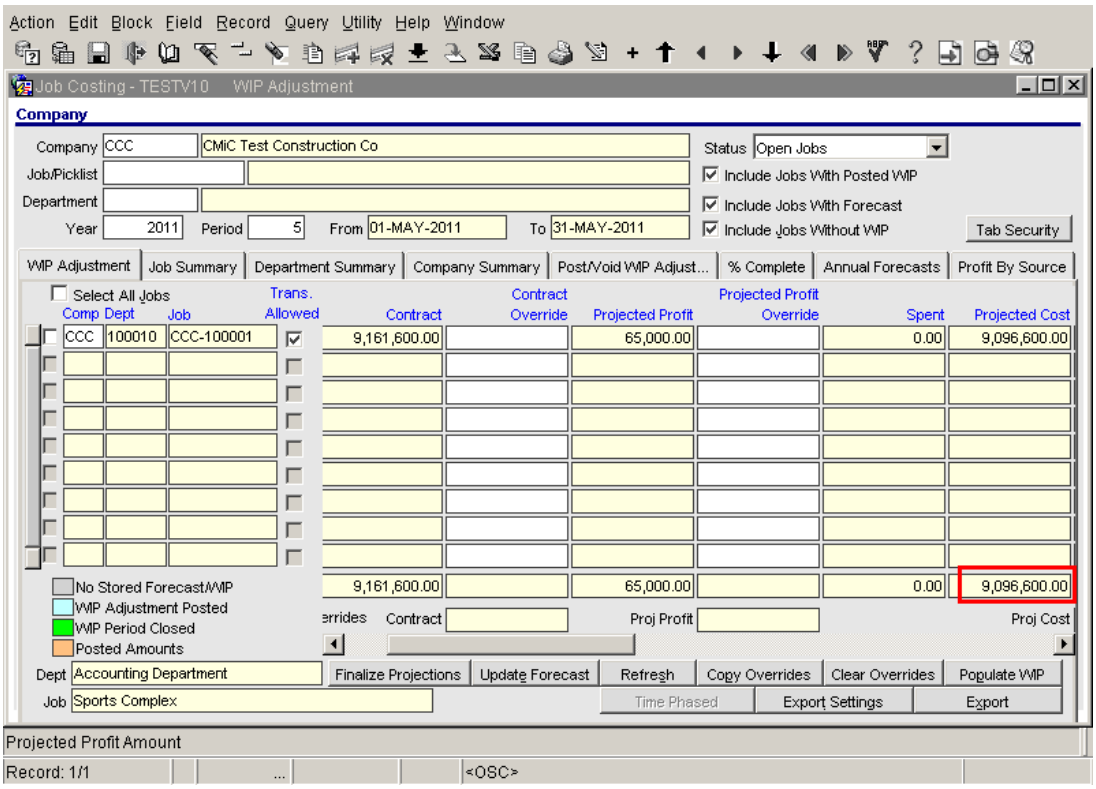

Action Edit Block Field Record Query Utility Help Window
Job Costing - TESTV10 Contract Forecast
Company
Company CCC CMiC Test Construction Co Contract CCC-100001 Sports Complex
Year 2011 Per 5 From 01-MAY-2011 To 31-MAY-2011 Show Zero Dollars Lines
Bill Codes
Freeze Bill Code me Ph. Cost Var. Curr Bill Budg Pending CO Proj Bill Budg Billed To Date Revenue Forecast
CCC-100001.02 41 1 0.000 175,000.00 0.00 175,000.00 0.00 175,000.00
CCC-100001.02 41 1 0.000 265,000.00 0.00 265,000.00 0.00 265,000.00
CCC-100001.02 41 1 0.000 250,000.00 0.00 250,000.00 0.00 250,000.00
CCC-100001.02 41 1 0.000 325,000.00 0.00 325,000.00 0.00 325,000.00
CCC-100001.02 41 1 0.000 475,000.00 0.00 475,000.00 0.00 475,000.00
CCC-100001.02 41 1 0.000 675,000.00 0.00 675,000.00 0.00 675,000.00
CCC-100001.02 41 1 0.000 789,000.00 0.00 789,000.00 0.00 789,000.00
CCC-100001.02 41 1 0.000 456,000.00 0.00 456,000.00 0.00 456,000.00
CCC-100001.02 41 1 0.000 755,000.00 0.00 755,000.00 0.00 755,000.00
8,237,000.00 0.00 8,237,000.00 0.00 8,237,000.00
Billed 1,500.000 1,500.000 HR Phase Paving Removal Cat Labour
Budgeted Completed Projected WM
Input 1,500.000 0.000 1,500.000 HR Committed 0.00 Spent Against Commitment 0.00
Output 0.000 0.000 0.000 NA Comm.Remaining 0.00 Cost Amt 0.00
Productivity Clear Overrides Contract Summary Calculate Revenue Forecast Store Forecast Refresh
Time Phased Forecast Synchronize Synchronize All Attachment Notes Cost Detail
Checked - Projected Amount Does Not Change During Posting
Record: 1/? ... <OSC>


Action Edit Block Field Record Query Utility Help Window
Job Costing - TESTV10 Contract Forecast
Company
Company CCC CMiC Test Construction Co Contract SUB100002 SUB100002
Year 2011 Per 5 From 01-MAY-2011 To 31-MAY-2011 Show Zero Dollars Lines
Bill Codes
Freeze Bill Code me Ph. Cost Var. Curr Bill Budg Pending CO Proj Bill Budg Billed To Date Revenue Forecast
SUB100002.02 41 1 0.000 75,000.00 0.00 75,000.00 0.00 75,000.00
SUB100002.02 41 1 0.000 65,000.00 0.00 65,000.00 0.00 65,000.00
SUB100002.02 41 1 0.000 12,500.00 0.00 12,500.00 0.00 12,500.00
SUB100002.02 41 1 0.000 75,000.00 0.00 75,000.00 0.00 75,000.00
SUB100002.02 41 1 0.000 45,000.00 0.00 45,000.00 0.00 45,000.00
SUB100002.02 41 1 0.000 65,500.00 0.00 65,500.00 0.00 65,500.00
SUB100002.02 41 1 0.000 52,000.00 0.00 52,000.00 0.00 52,000.00
SUB100002.02 41 1 0.000 48,750.00 0.00 48,750.00 0.00 48,750.00
SUB100002.02 41 1 0.000 95,000.00 0.00 95,000.00 0.00 95,000.00
924,600.00 0.00 924,600.00 0.00 924,600.00
Billed 0.000 0.000 HR Phase Paving Removal Cat Labour
Budgeted Completed Projected WM
Input 0.000 0.000 0.000 HR Committed 0.00 Spent Against Commitment 0.00
Output 0.000 0.000 0.000 NA Comm.Remaining 0.00 Cost Amt 0.00
Productivity Clear Overrides Contract Summary Calculate Revenue Forecast Store Forecast Refresh
Time Phased Forecast Synchronize Synchronize All Attachment Notes Cost Detail
Checked - Projected Amount Does Not Change During Posting
Record: 1/? ... <OSC>

The following screen shows the Contract Amount is the sum of the Current Billing Budget Amount from the above two contracts and amounts to $ 9,161,600.00.

Also, it may be noted that, the Projected Cost Column is also derived from the Contract Forecast Screen and which is used in calculating 'Projected Profit Column.





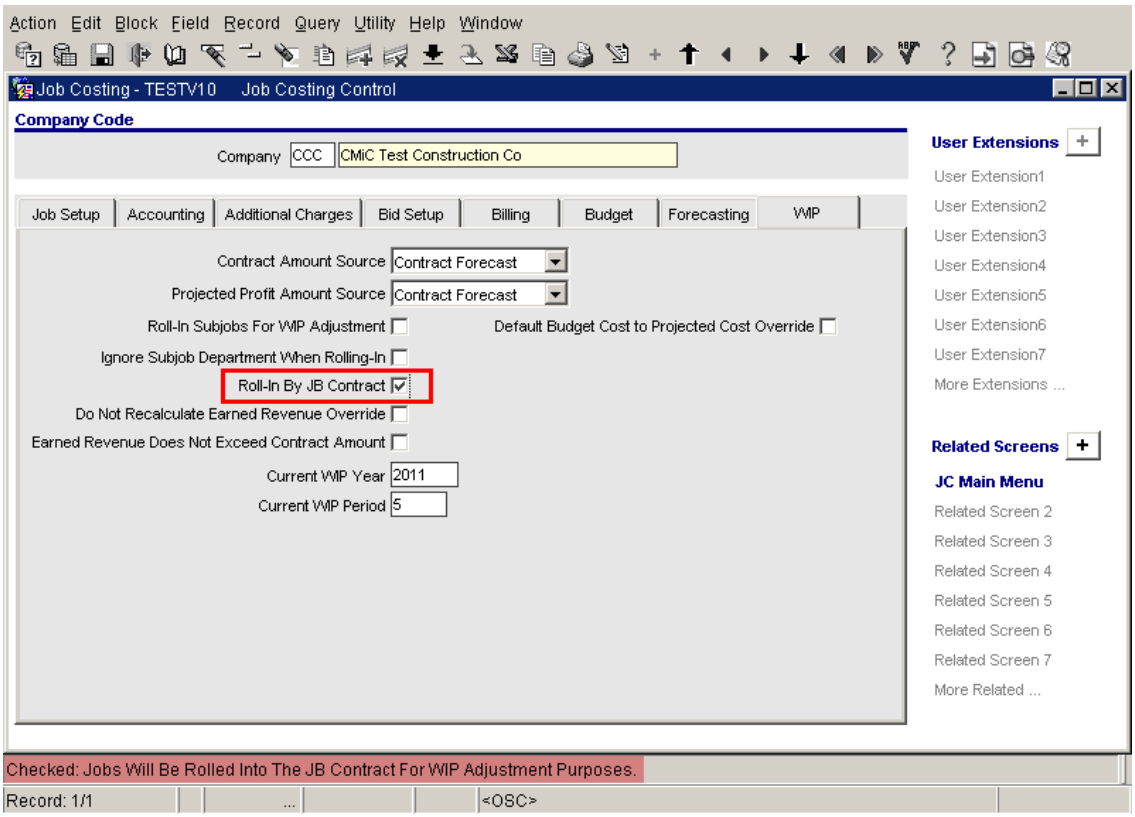
WIP Roll-In by Billing Contract Code (11.55706)

The functionality of rolling in subjobs by Job Billing Contract for WIP, is available now with this modification.

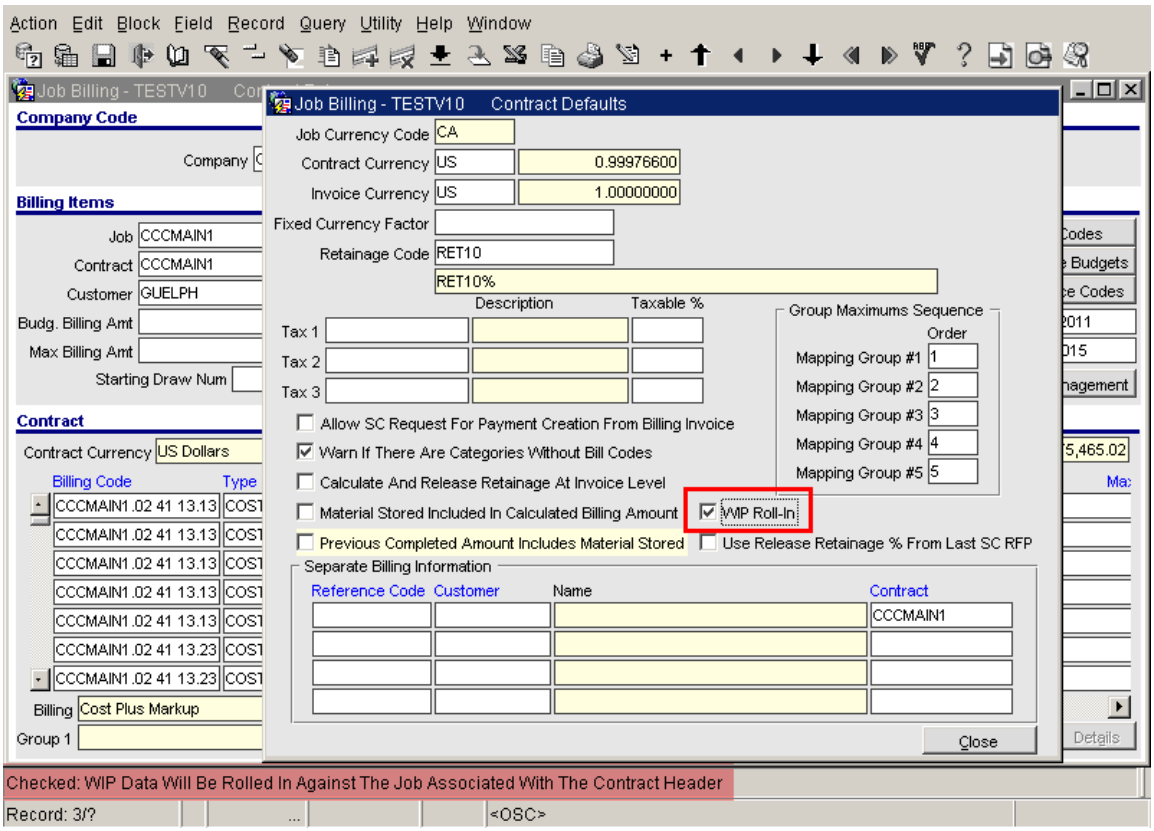
JC Control Modifications

A flag “Roll-In by JB Contract” is added to JC Control >WIP tab. The default value is un-checked. This new flag serves as a default for newly created billing contracts, which in turn may be overridden by the users.

NOTE: Users are not allowed to check both ‘Roll-In Subjobs for WIP adjustment’ and ‘Roll-in by JB Contract’ flags at the same time.



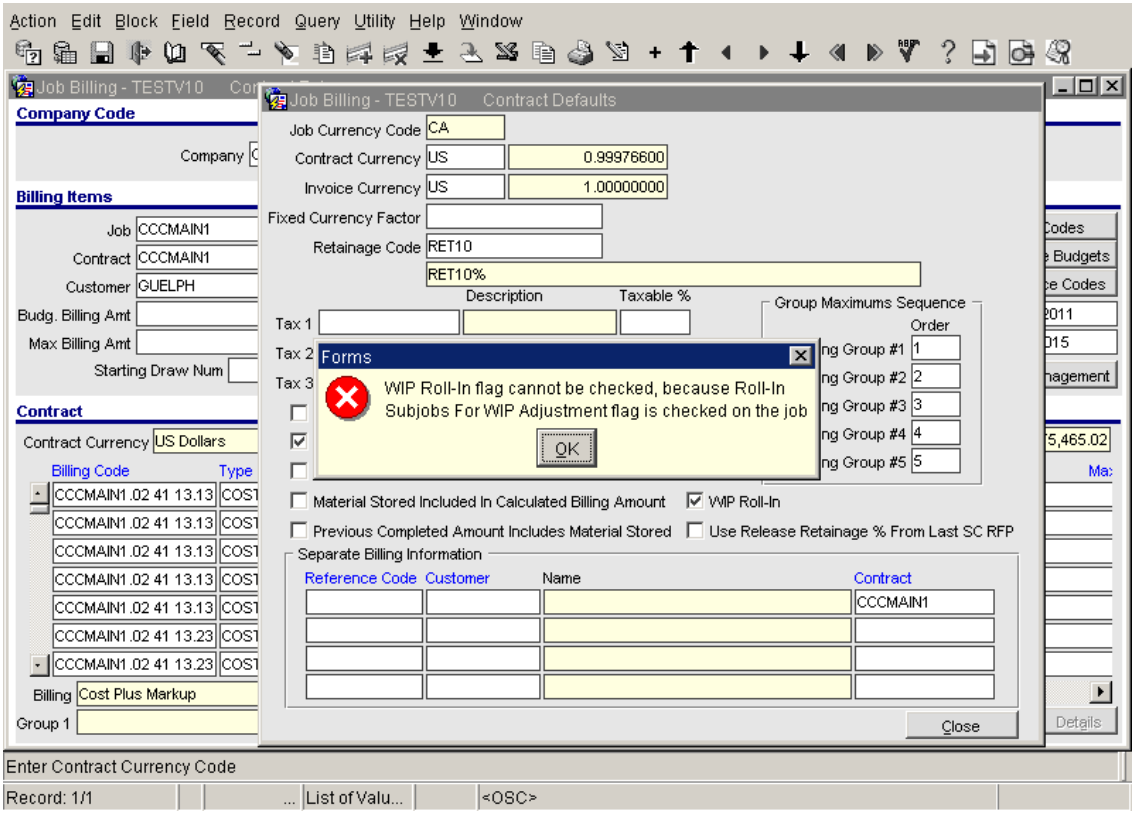
JB Contract Entry modifications



The Job Billing > Contract Entry > Defaults popup screen is modified with the addition of a new flag 'WIP Roll-In'. When creating a new Job Billing Contract, the system reads this value from JC Control, which users are allowed to override.

If a Job has 'Roll-in subjobs for WIP adjustment' flag checked, then users would receive a message and the WIP Roll-in at the contract level will be un-checked by the system automatically.

Users should note that, for the entire group of a controlling job and its sub jobs (with or without their own contract codes), they must select any one method of WIP Roll-in and check the flags accordingly.



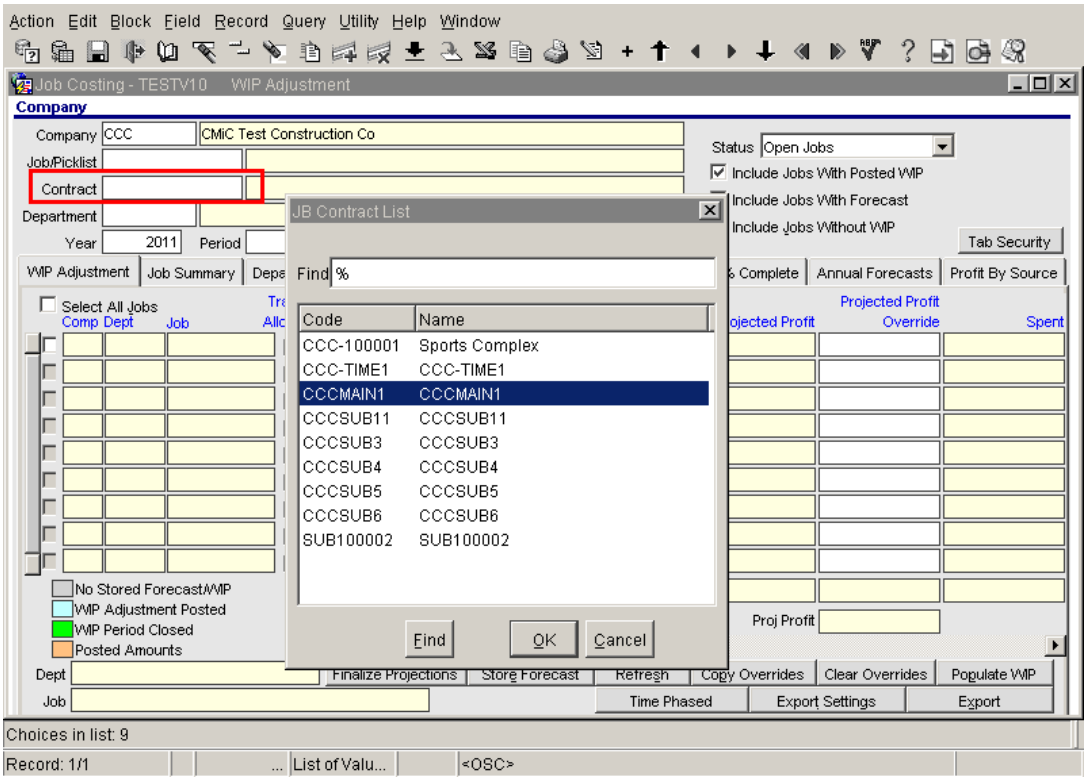
JC WIP screen modifications

The WIP Screen is modified with the addition of a new parameter field 'Contract'. Users may use the LOV and select a contract code. Navigating to the details block populates the WIP data specific to the contract. It must be noted that, selecting a contract code from the list, would clear the job/job pick list selection field, as both parameters are not allowed to be entered at the same time.

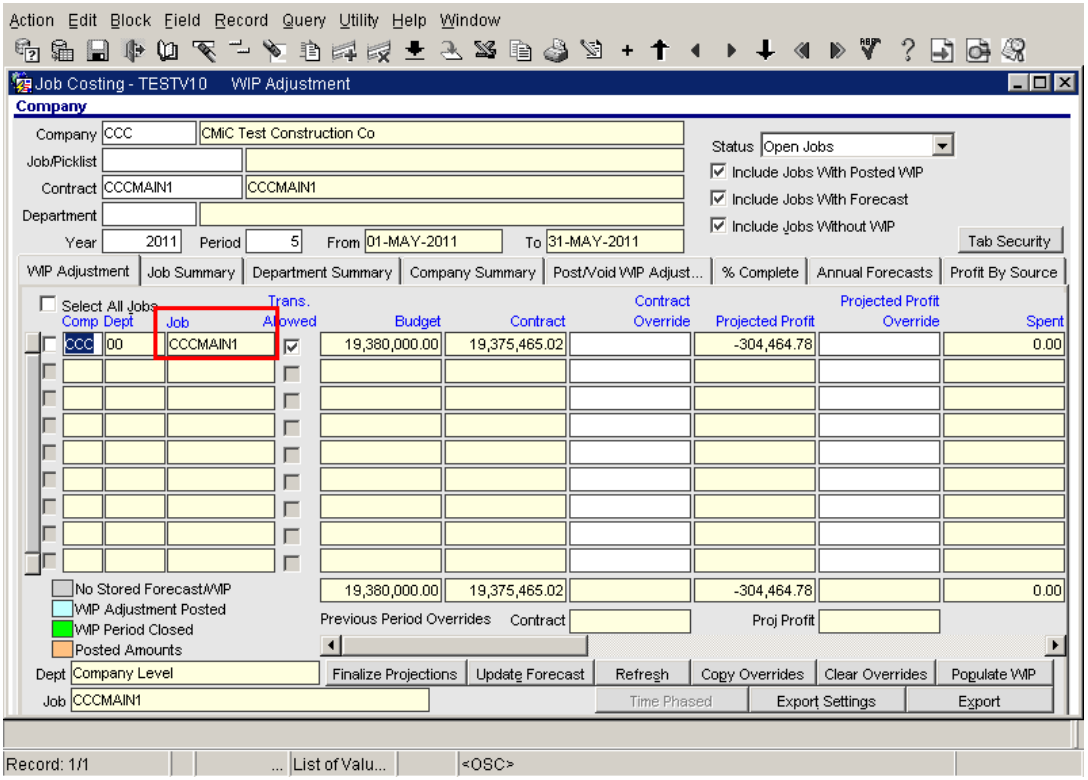
The job list LOV is modified to NOT to show those jobs, with the contract level 'WIP Roll-In flag' checked. Also, selecting a Job picklist which may contain one or more jobs with Contract Level WIP Roll-in flag set, will not result in any WIP data queried for those jobs.

For those jobs with contract level WIP roll-in flag checked, users must use the 'Contract' parameter to query the records.

The following screen shows the LOV for the newly created Contract Code field. The LOV lists all valid billing contract codes for which WIP records may be maintained.



The following screen shows the WIP adjustment details for the contract CCCMAIN1, rolled in all the subjobs sharing the same contract code.



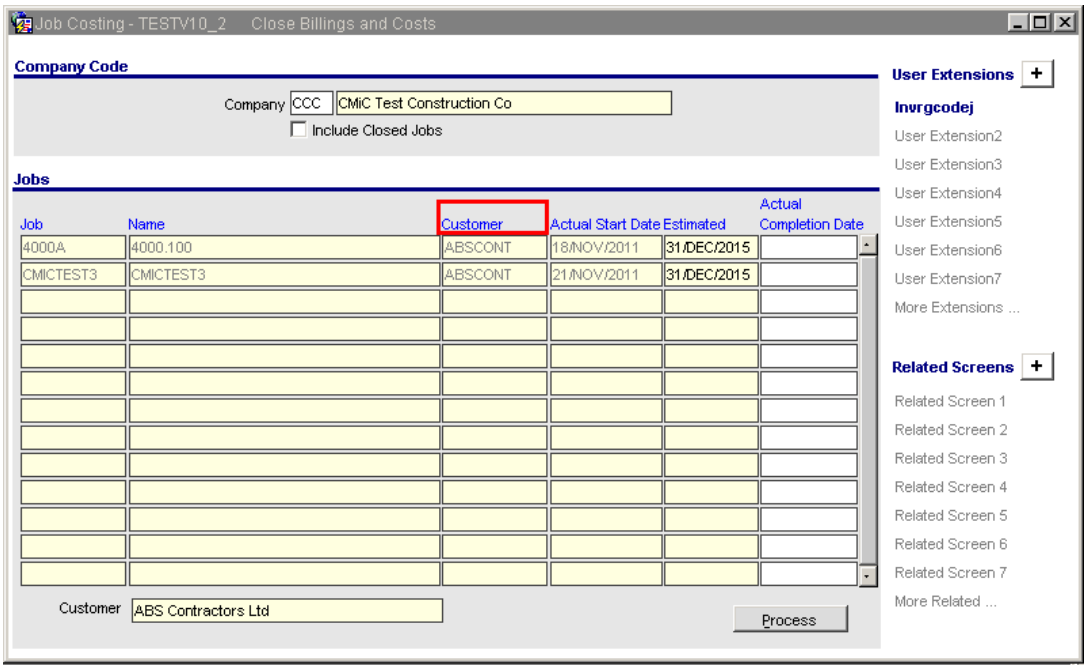
Privilege to Create Controlling Jobs (11.62408)

Introduced a new privilege "Creation of Controlling Jobs is allowed" (JCCTRLJOB)". By default this privilege will be assigned to all users. This privilege is meant to replace the removed privilege (JCRTSUBJOB) previously added that allowed only Sub Job creation where user was assigned the privilege.

Copy Original Contract Amount (11.62326)

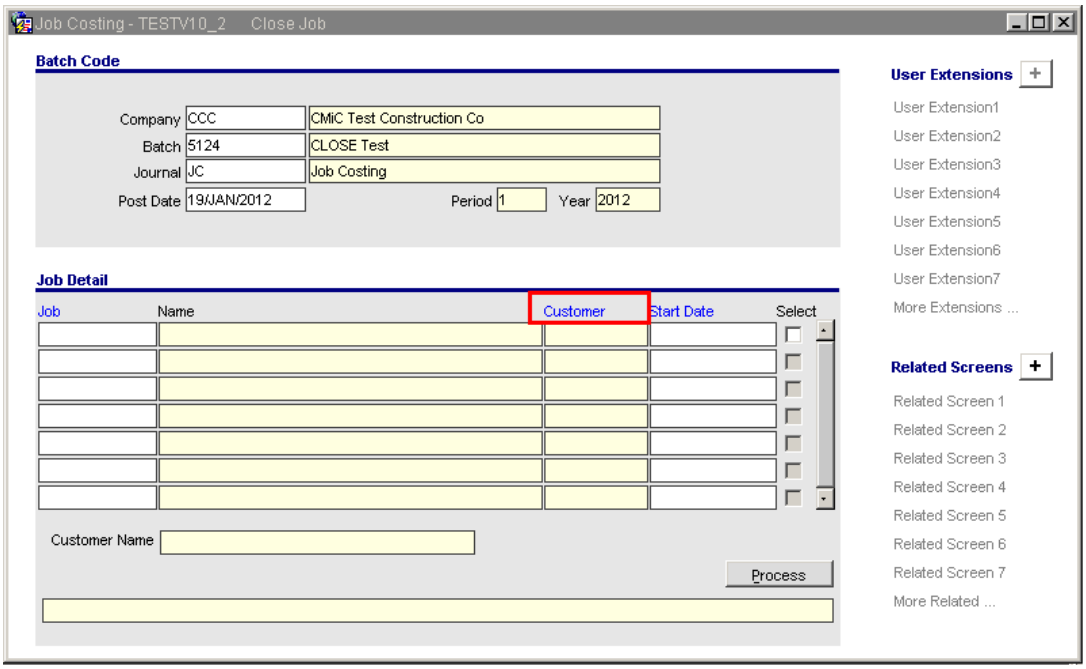
Modified 'Won Bid' procedure - If 'Copy Job Original Contract Amount ' flag on Job Control Setup is set to 'N' then when Winning A Bid, the system will not copy Current Contract Amount and Original Earnings from the bid job.

Close Contracts/Job Forms – Customer column (10.48632)



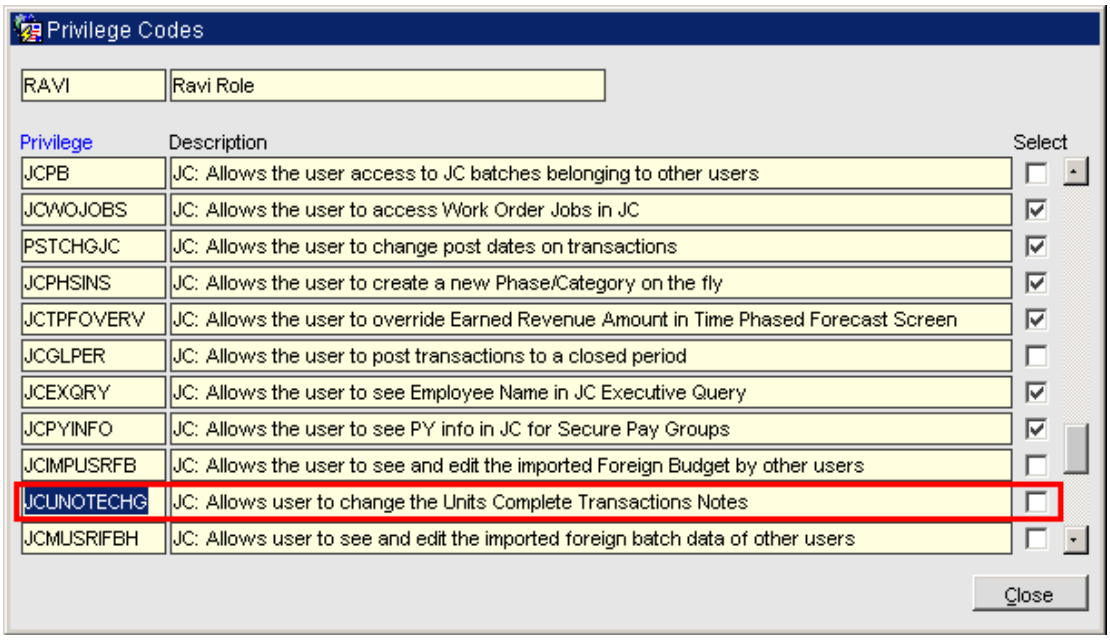
jcclose2.fmx

Customer column is added to the Close Billings & Costs form & Close Completed Contracts Form

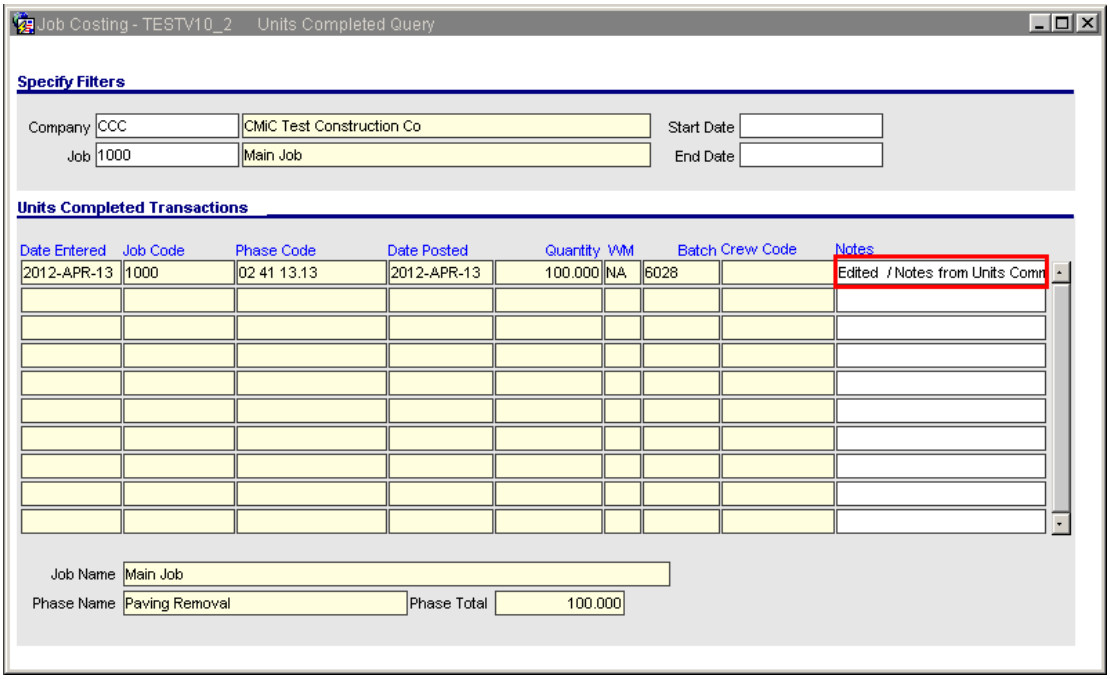


Jcclose.fmx

Units Completed Query - ability to update Notes field (12.65275)



A privilege 'JCUNOTECHG' is added to the system and may be assigned (checked) to specific roles. The 'Notes' field in the query screen will be enterable for those users with the privilege set to 'Y'. The default value is un-checked and the Notes field is display-only, as standard functionality.

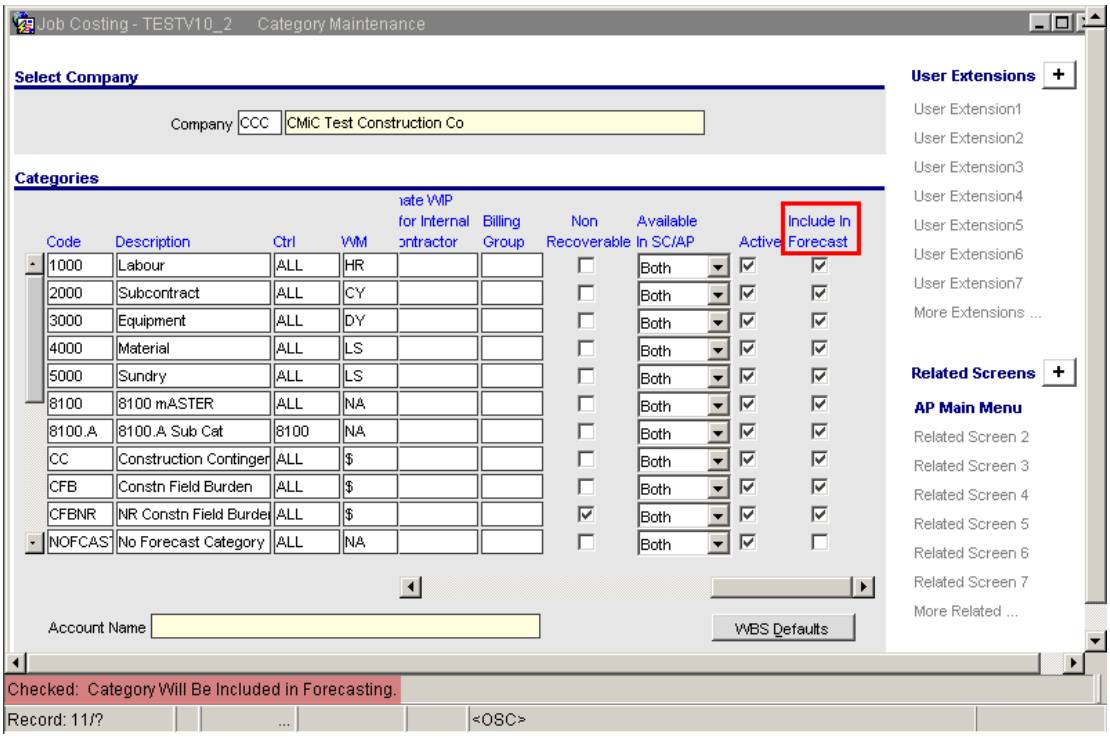


The screen print shows the 'Units' completed Query with 'Notes' field being editable. Originally, the 'Notes' appear as they were entered as comments during 'Units' completed entry and posting.

The history of changes is recorded in table DA.JCUNIT_TRAN_NOTE_HISTORY and every time there is an update to the notes, a new record is created with the history of old notes. This is for audit purposes only and not visible to the users.

NOTE: The maximum size of the 'Notes' that can be entered is 2000 characters.

Enhancements to Contract Forecasting (11.58055)



The Category Maintenance screen is modified with a check box 'Include in Forecast'. The default value is 'Checked'. Users may exclude some desired categories from Contract Forecasting screens, by setting the value as 'N'.

IMPORTANT NOTE:

This is applicable to all 'Contract Forecasting' screens including the Contract Forecasting with PCI Projections screen in PMJSP. This is used to hide the display of such categories where the flag value is set as 'N'. If such a category is used in any calculations, the calculations would be carried out as before. For example, if this category is used in maximum amount calculations either on the contract, group or bill code level the amounts for such categories will still be considered even though the bill code related to this category is not being displayed.

Transaction Query Image Link (12.73697)

The JC Transaction Query form is modified to display an image link against JC detail records that may have the JCDT_IMAGE_ORASEQ column populated. Users may 'double click' on the image icon to invoke image manager to display appropriate Document type and the associated images.

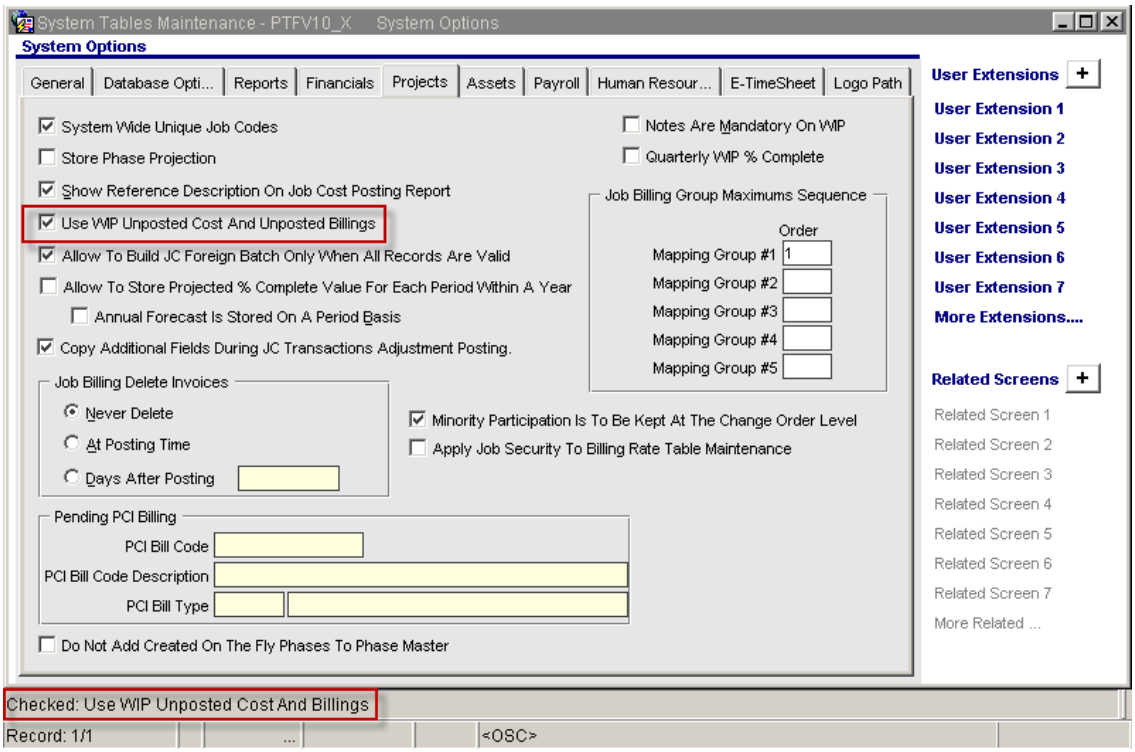
This is a convenient way of identifying the records that may have associated image links.

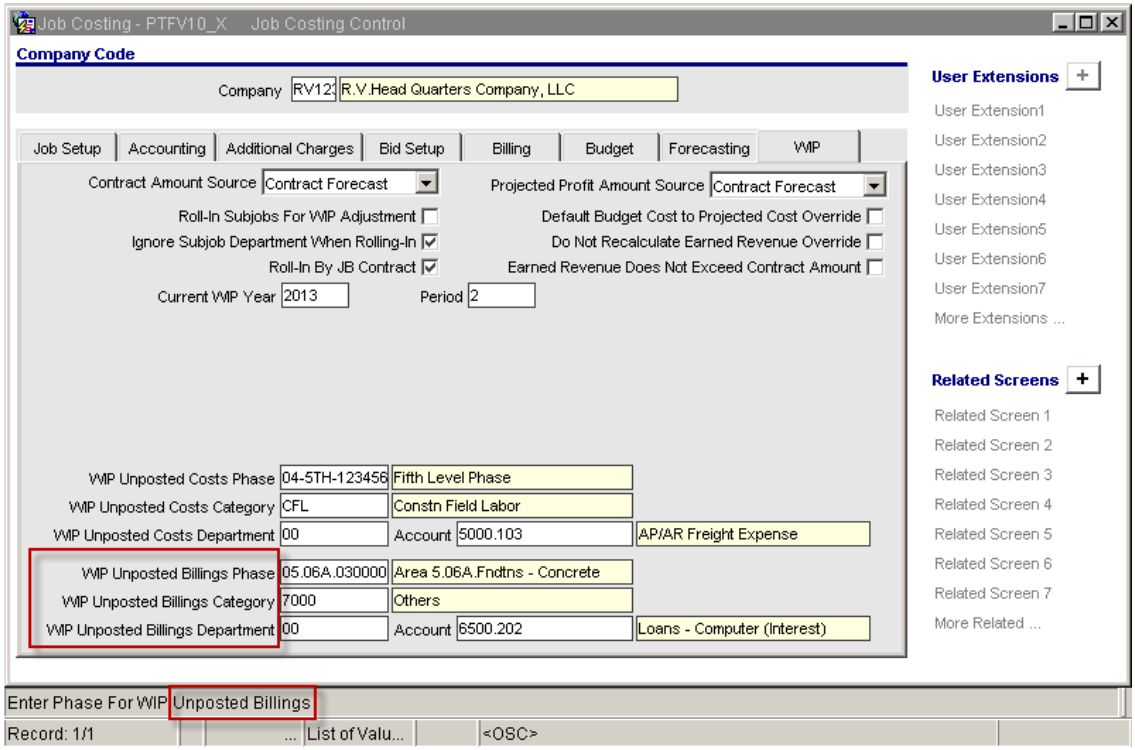
JCWIP – Unposted Revenue changed as Unposted Billings (12.73630)

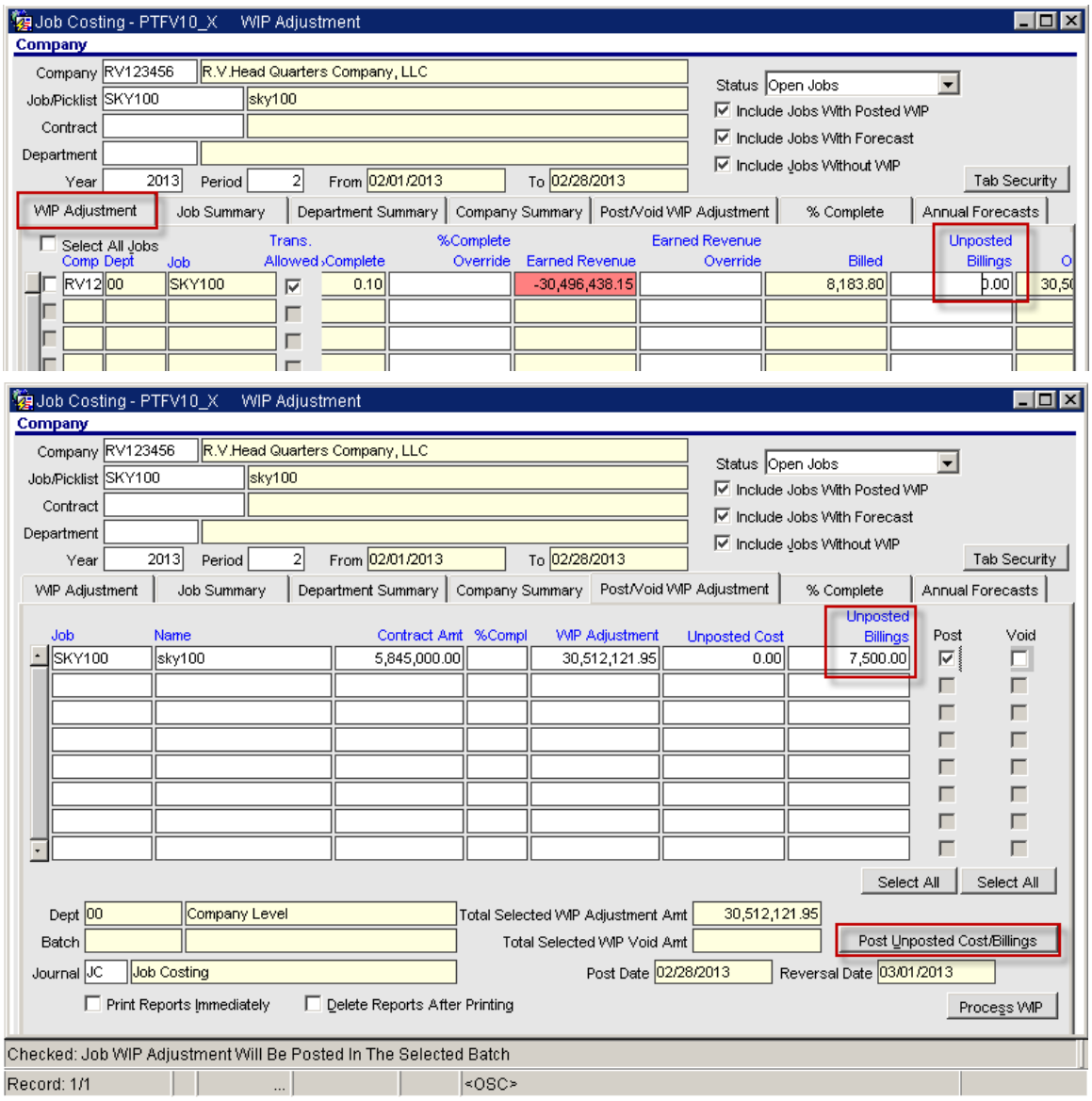
The following forms are modified by renaming the term 'Unposted Revenue' to 'Unposted Billings'

1. System Options (sysopt.fmx)
2. JC Control (jcctrl.fmx)

3. JC WIP Adjustment Entry (jcwip.fmx)



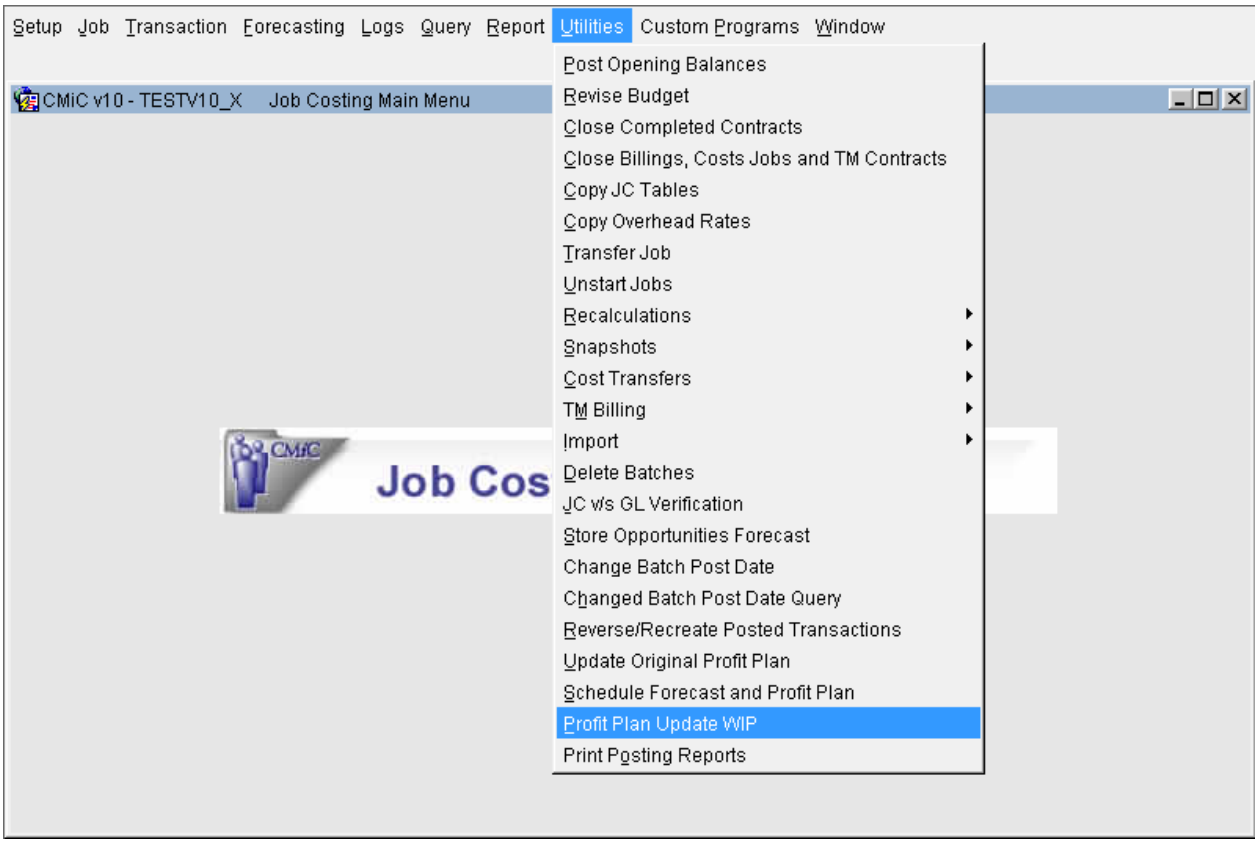




Extended Functionality Update - JC Profit Plan - Utility to Mass Update WIP (13.77811)

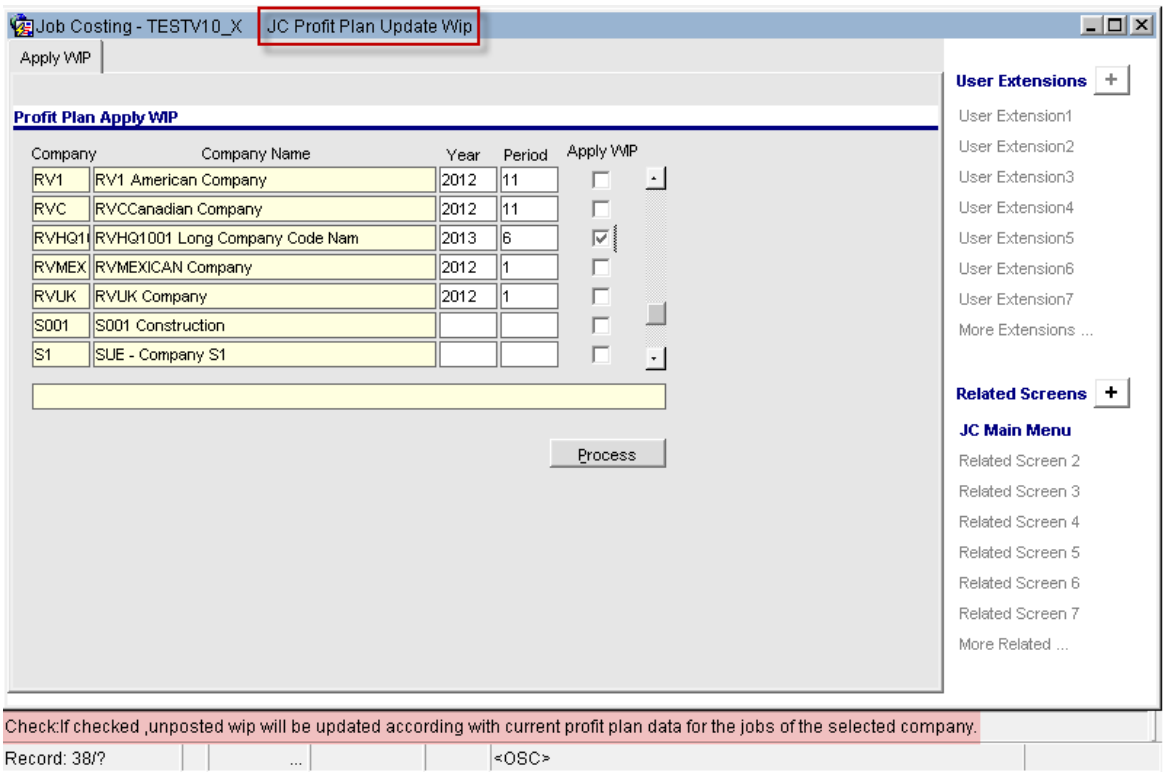
Added a JC Utility to Mass Update the Profit Plan WIP for a Company

Modifications:



Job Costing Menu

The JC>Utilities Menu is modified with the addition of 'Profit Plan Update WIP' sub menu. This opens up the new screen as shown below.



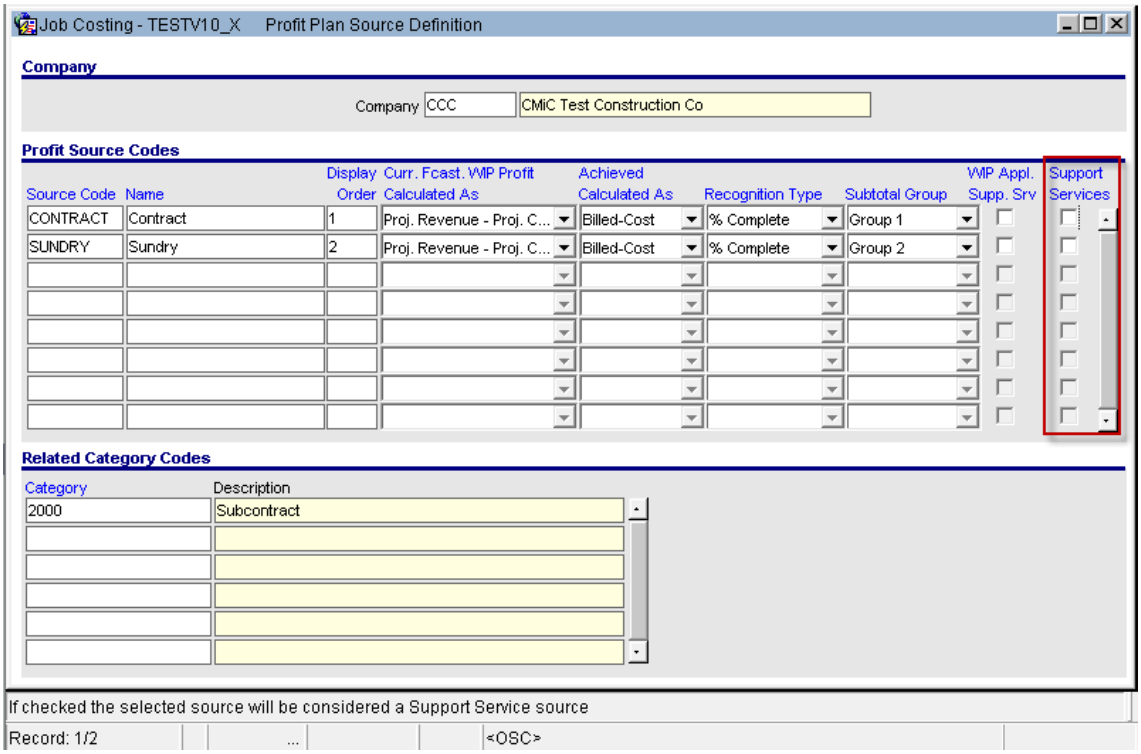
JC>Utilities> JCPROFITPLAN_UWIP.fmx

The Profit Plan Mass Update utility displays the Company, Year & Period records.

The Year & period are defaulted from the respective company JC Control files, which users may override.

Once the required companies are selected, users may click the **[Process]** button to process Profit Plan WIP for all the jobs with un posted WIP in the period displayed.

Extended Functionality Update - JC Profit Plan - Modifications to Support Services Processing (13.77811)

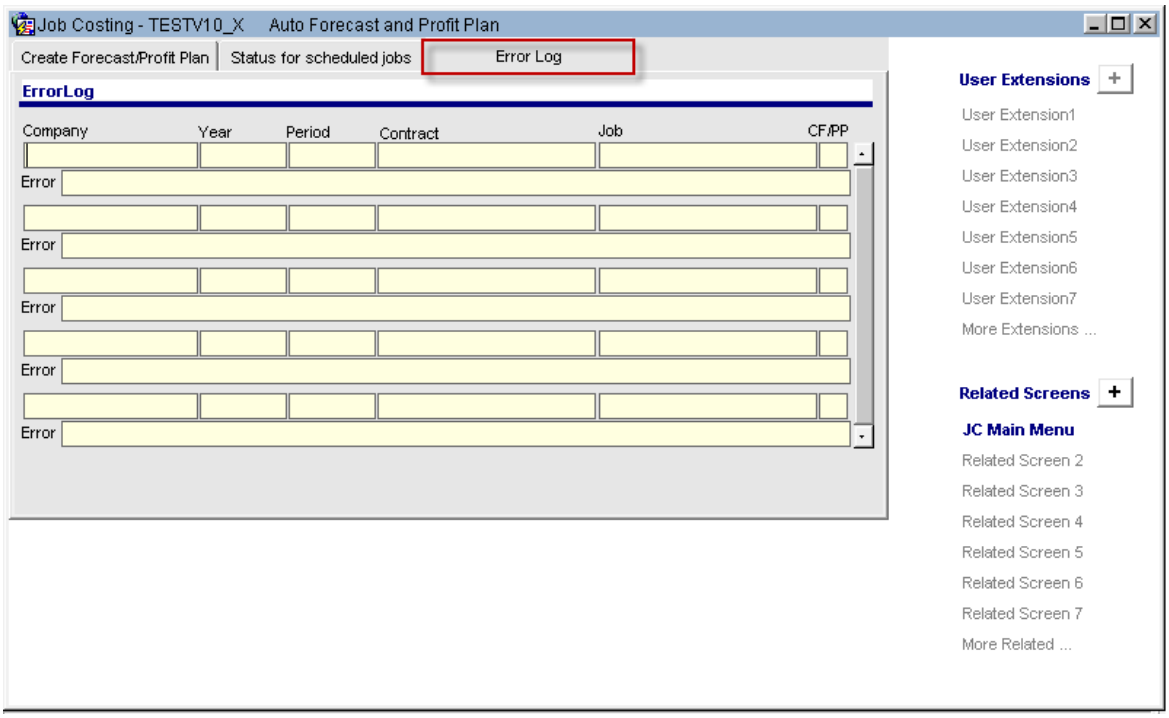


The Profit Plan Source Definition Form is modified with the addition of a check box column for Support Services. When checked the Sources will be identified as Support Services and processed as defined below.

The support services will be set equal to actual JTD value (recorded costs to date) and the override total anticipated profit will be set equal to actual JTD value * -1.

The only exception to this logic is, if the job is closed, both values will be set to zero.

Extended Functionality Update - JC Profit Plan - Schedule Forecast utility Error Log (13.78364)



The Profit Plan Scheduler is modified to continue the processing of WIP for the entire company, and create entries in a log when one or more contracts with errors, so that users may review such contracts, fix and process them again.

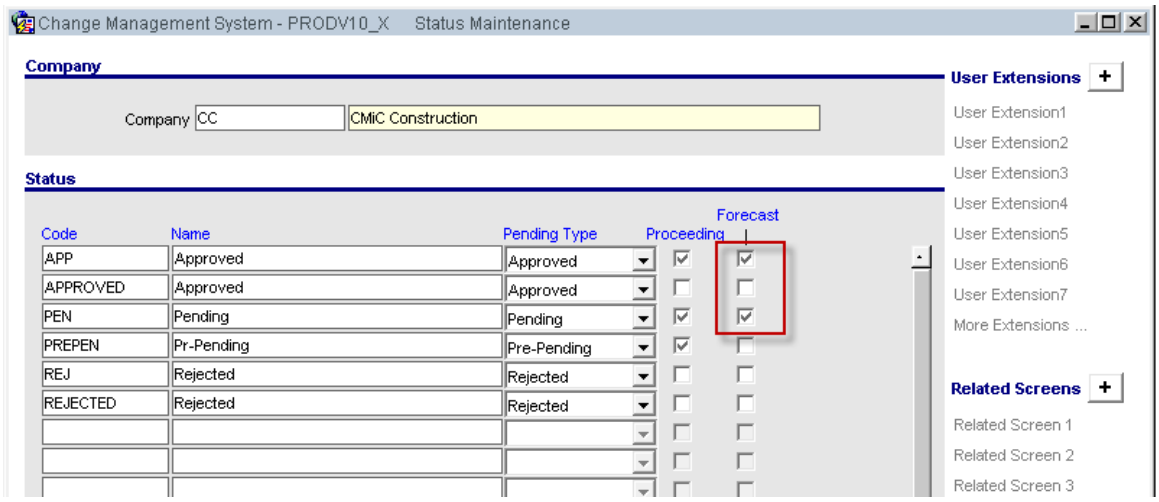
The Profit Plan Scheduler form (jcfcstprpl.fm) is enhanced with an additional tab 'Error Log' to log those contracts with errors for users review.

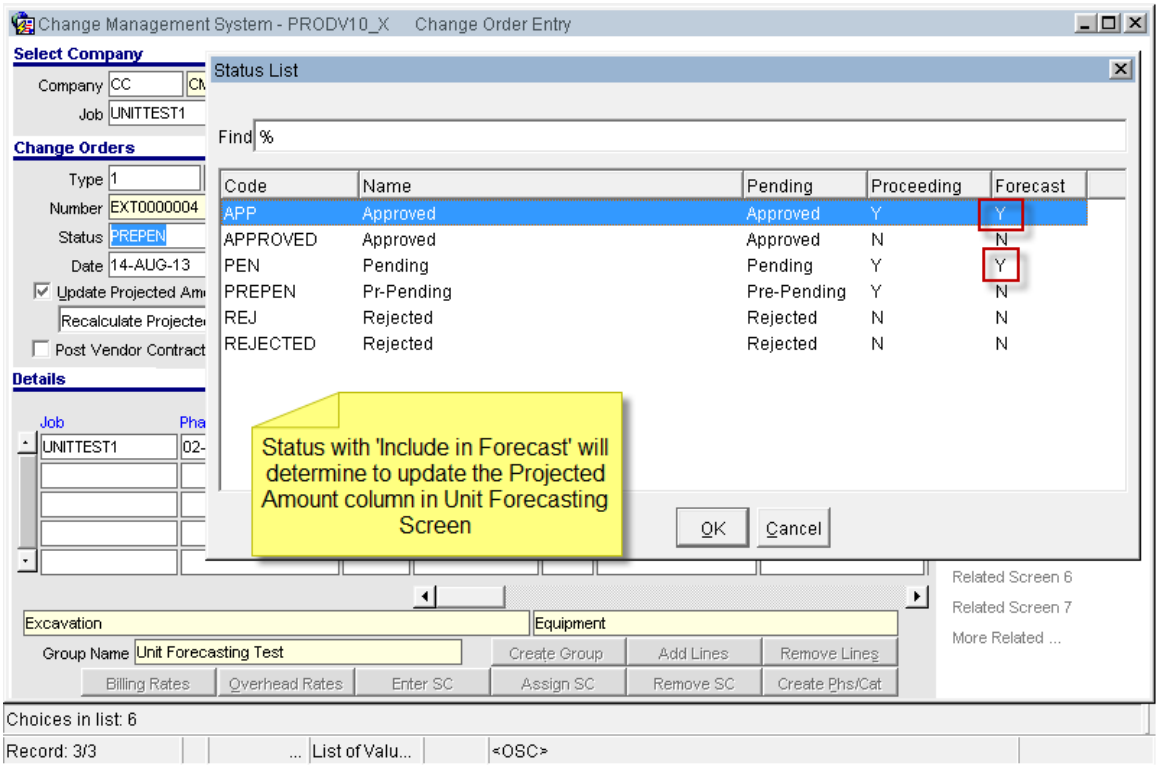
The Profit Plan Scheduler Program is modified that when creating profit plan, system records any contracts for which profit plan could NOT be created and continues to create profit plans for all other valid contracts under the company. Users may access the 'Error Log' to review and make adjustments to the contracts.

The Error Log displays the Company, Year, Period, Contract, Job, Forecast/Profit Plan and the Error Details.

Unit Forecasting Screen - Projected Cost

The Unit Forecasting screen is modified that the projected amount includes 'Approved' PCIs where the 'Include in Forecast' flag is set as 'Y'. Also, when the status changes status from either pending to approved or back to pre-pending, depending on the 'Include In Forecast' flag value, the Projected Amount column will be updated.



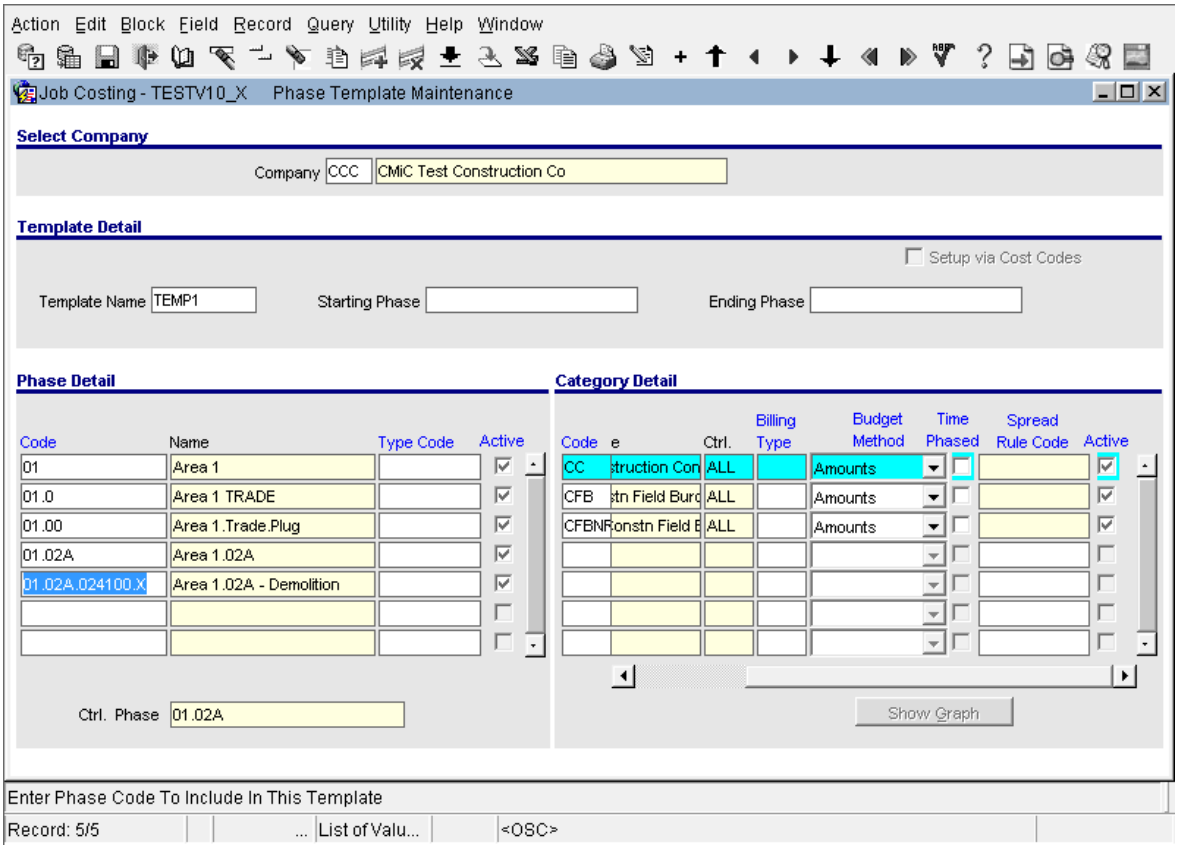


Phase Template phase/category 'Active' modifications (13.81239)

To enhance the JC Phase Template with 'Active' check boxes for both phases and categories, the values of which inherited from phase/category masters and may be overridden as required.

When a template is applied to a job via 'Assign Phases screen', the phase/cat 'Active' flags will now be defaulted from the Phase template and NOT from the phase/category masters.

JC Phase template Maintenance Screen (JCPHSFM.fmx)



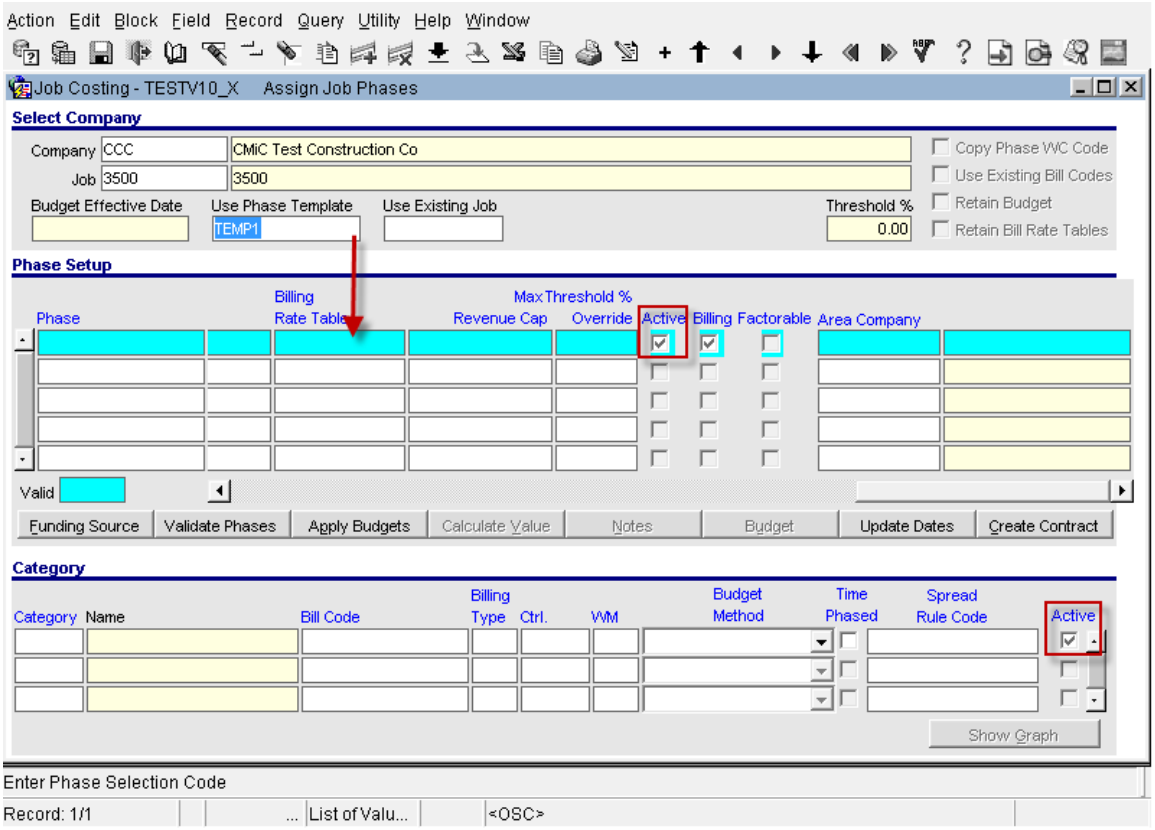
The 'Phase Template Maintenance' form is modified with the addition of 'Active' checkbox to both Phase & Category detail blocks. Initially, when inserting phase/category details, the 'Active' flag value will be defaulted from the Phase/Category Master Maintenance tables. users are allowed to override these values, if required.

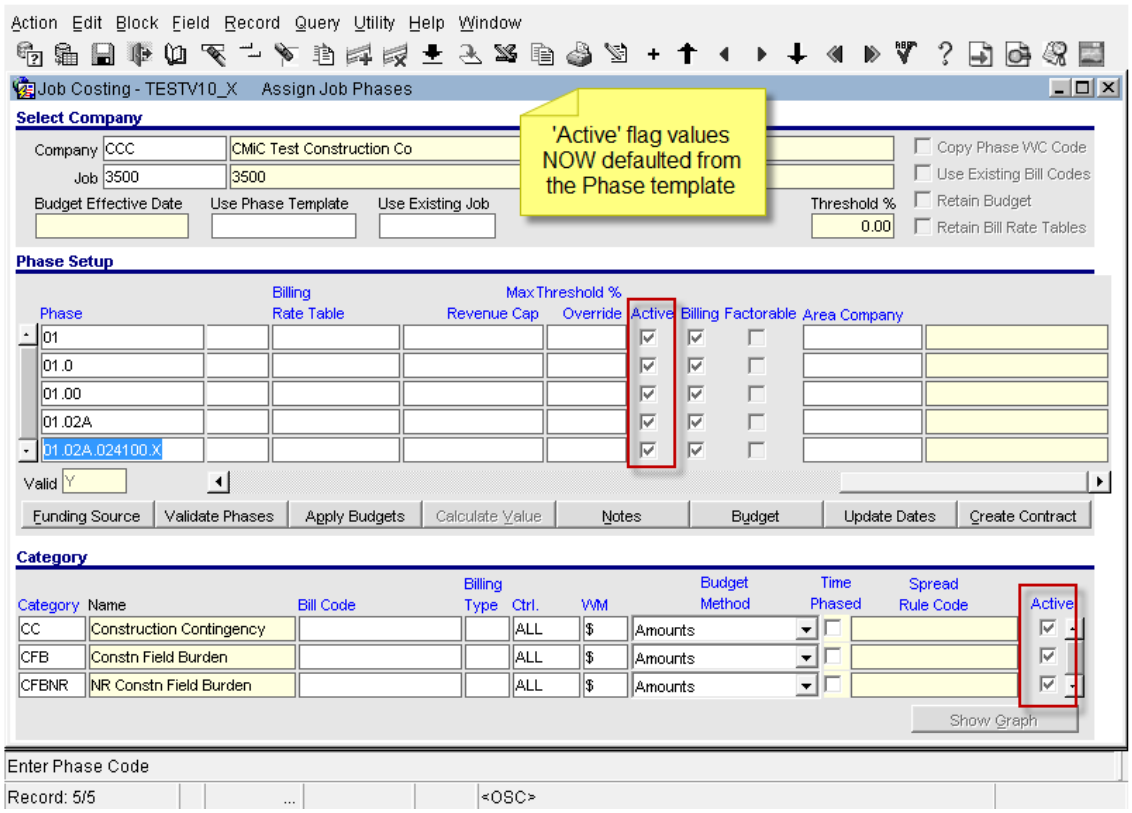
JC Assign Phases Form (JCPRODSU.fmx)

The Assign Phases screen will now default the 'Active' check box values, from Phase template, when applying a template to a job.

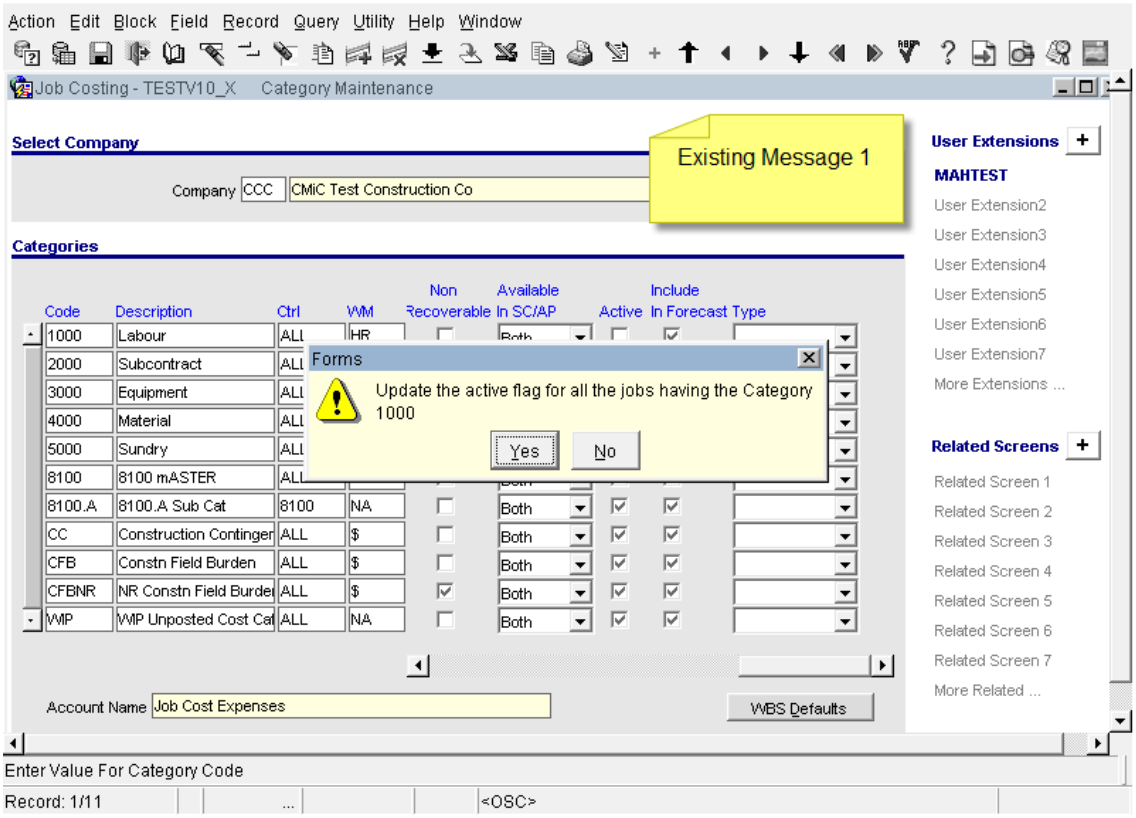
1.) Jobs with Pending Status - When Phase template is applied, all phases/categories regardless of 'Active' check box value, will be applied to the job

2.) Jobs with 'In-Progress' Status - When Phase template is applied, only 'Active' phases/categories from the Phase Template will be assigned to the job. This is to ensure the existing functionality is preserved.

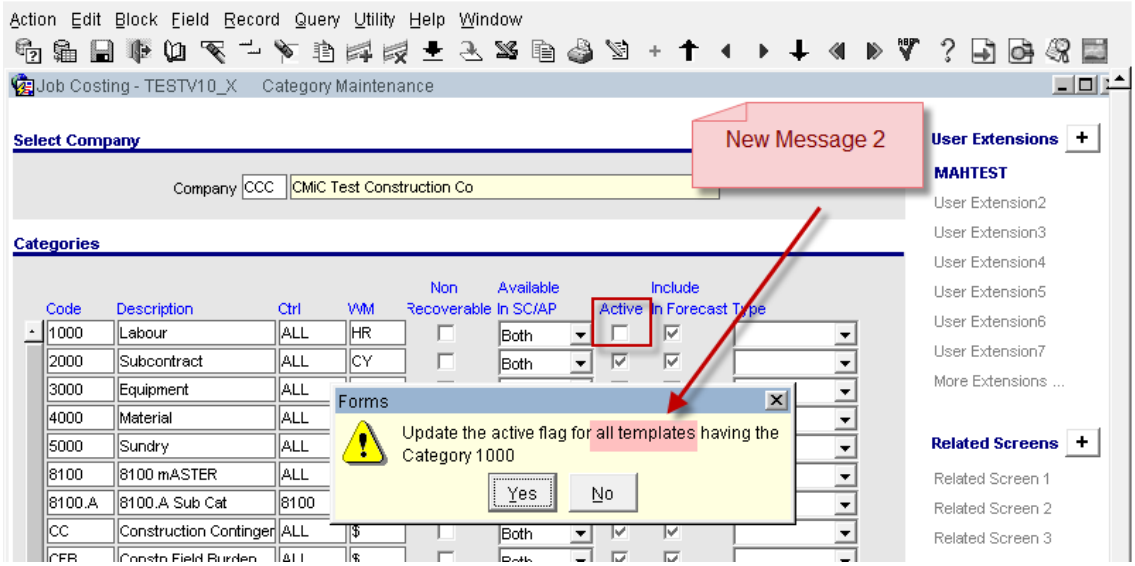

Action Edit Block Field Record Query Utility Help Window
Job Costing - TESTV10_X Assign Job Phases
Select Company
Company CCC CMiC Test Construction Co
Job 3500 3500
Budget Effective Date
Use Phase Template TEMP1
Use Existing Job
Threshold % 0.00
Copy Phase WC Code
Use Existing Bill Codes
Retain Budget
Retain Bill Rate Tables
Phase Setup
Phase
Billing Rate Table
Max Revenue Cap
Threshold % Override
Active
Billing
Factorable
Area Company
Valid
Funding Source
Validate Phases
Apply Budgets
Calculate Value
Notes
Budget
Update Dates
Create Contract
Category
Category
Name
Bill Code
Billing Type
Ctrl.
WM
Budget Method
Time Phased
Spread Rule Code
Active
Show Graph
Enter Phase Selection Code
Record: 1/1
List of Valu...
<OSC>


Action Edit Block Field Record Query Utility Help Window
Job Costing - TESTV10_X Assign Job Phases
'Active' flag values NOW defaulted from the Phase template
Select Company
Company CCC CMiC Test Construction Co
Job 3500 3500
Budget Effective Date
Use Phase Template
Use Existing Job
Threshold % 0.00
Copy Phase WC Code
Use Existing Bill Codes
Retain Budget
Retain Bill Rate Tables
Phase Setup
Phase
Billing Rate Table
Max Revenue Cap
Threshold % Override
Active
Billing
Factorable
Area Company
01
01.0
01.00
01.02A
01.02A.024100.X
Valid Y
Funding Source
Validate Phases
Apply Budgets
Calculate Value
Notes
Budget
Update Dates
Create Contract
Category
Category
Name
Bill Code
Billing Type
Ctrl.
WM
Budget Method
Time Phased
Spread Rule Code
Active
CC Construction Contingency ALL $ Amounts
CFB Constn Field Burden ALL $ Amounts
CFBNR NR Constn Field Burden ALL $ Amounts
Show Graph
Enter Phase Code
Record: 5/5
<OSC>

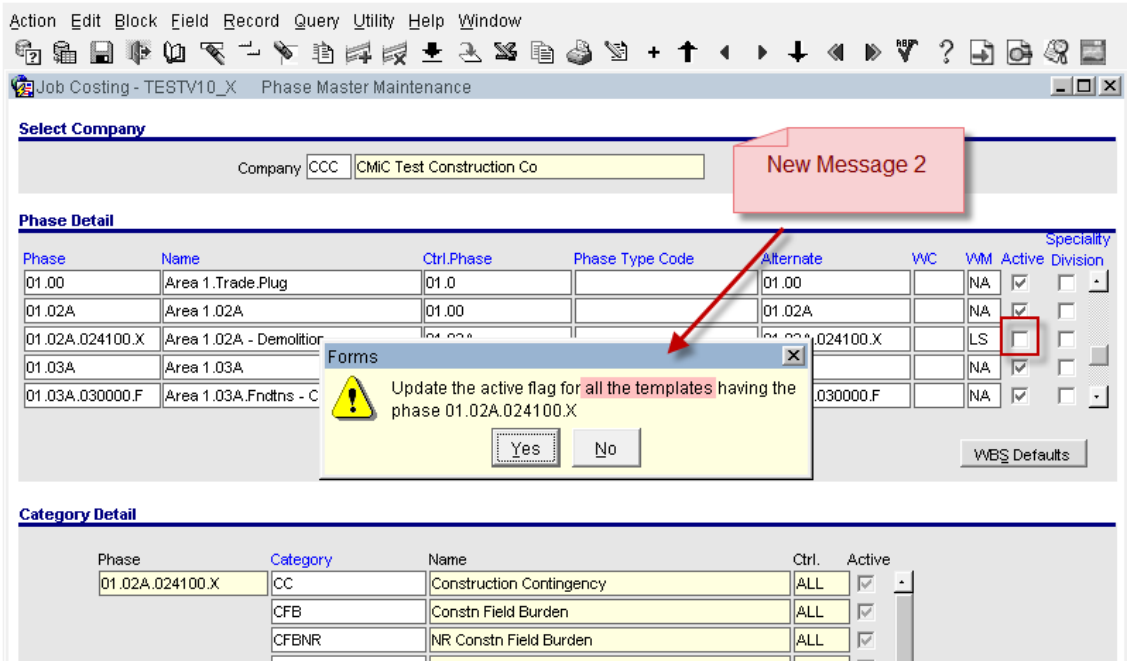
JC Category Maintenance (JCCATFM.FMX)



When the Status of a Category is updated, there is an existing alert to update all jobs having the specific category.



This modification pops up another alert message (as shown above) whether to update all templates as well.



Similar to the Category Maintenance, the phase master is also modified with another alert popup to update all templates having the specific phase. (As shown above)

WIP - Un-posted Costs/Billings setup at Job Level (13.80853)

The following fields related to JC WIP program, are brought down from JC Control level to the job level to adding more flexibility to the functionality.

1. Revenue WIP Adjustment department/account fields
2. WIP Un-posted Costs/Billings related fields

Modifications:

1. The Revenue WIP adjustment department/account fields are added to the accounting tab on the job entry screen. This is defaulted from the JC Control when new jobs are created. Users may override the defaulted values. These are optional fields and may be left as blank.

   If specified on the job, the department and account will be used to post WIP Revenue Adjustment Amounts. If left blank, then the values from the control file will be used, provided the 'Always Use' flag is checked.

2. The WIP un-posted costs/billings department and account are added to the WIP tab in Job Entry form. The values in these fields will be defaulted from the control file upon creation of a new job.

   If specified on the job, the un-posted costs/billings posting will consider these settings, else the settings from JC Control will be used.

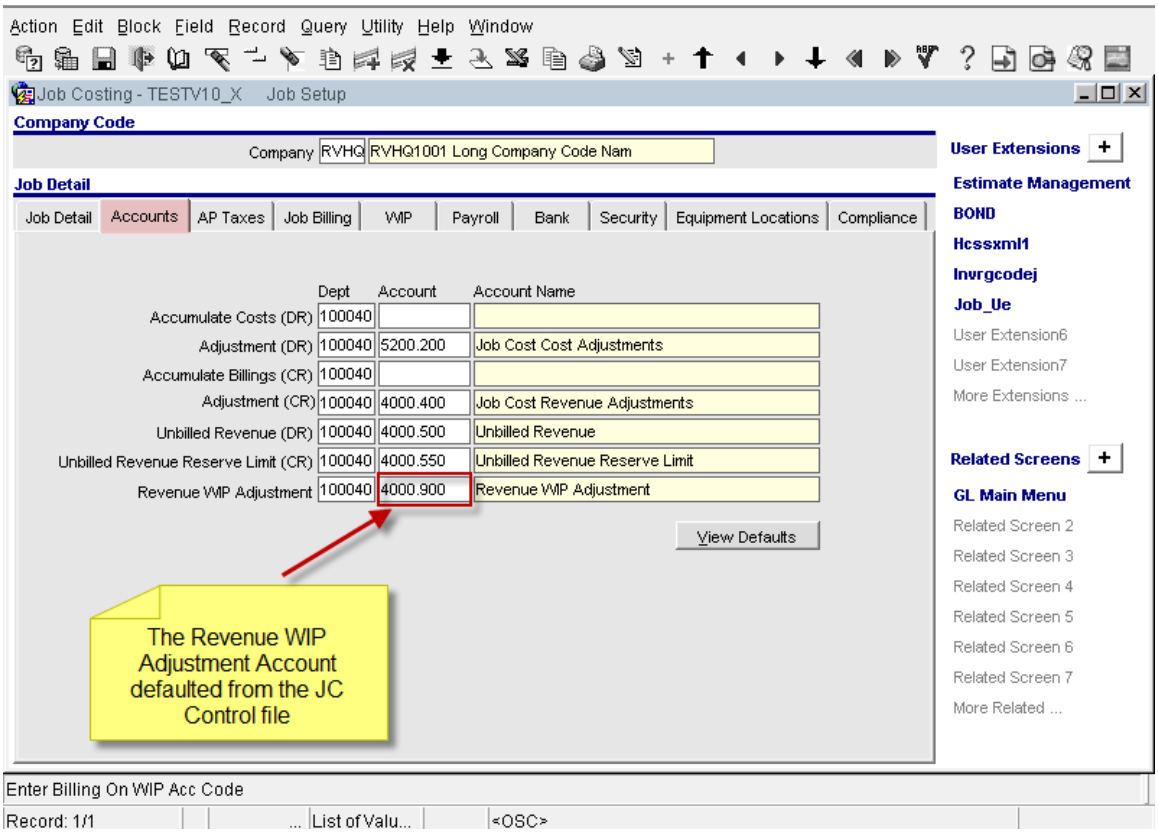
   The WIP un-posted costs/billings department and account will only be visible on the job entry, if the WIP un-posted cost/revenue functionality is enabled in System Options. This is similar to the display of these in the JC control file.

   The WIP Un-Posted Costs/Billings fields will be inheriting the values from the Controlling Job and the fields are not updateable (display only) for subjobs.

Additional Modifications:

The Win/Lose Bid Process is modified to copy these values to the new job. Also, during the Win/Lose Bid process, users may over ride the WIP Revenue Adjustment dept/account using the 'accounts' popup.

The Job Creation from Opportunity Management is also enhanced with this functionality. The Bid Jobs automatically created from the opportunity management will default the values from the JC Control.

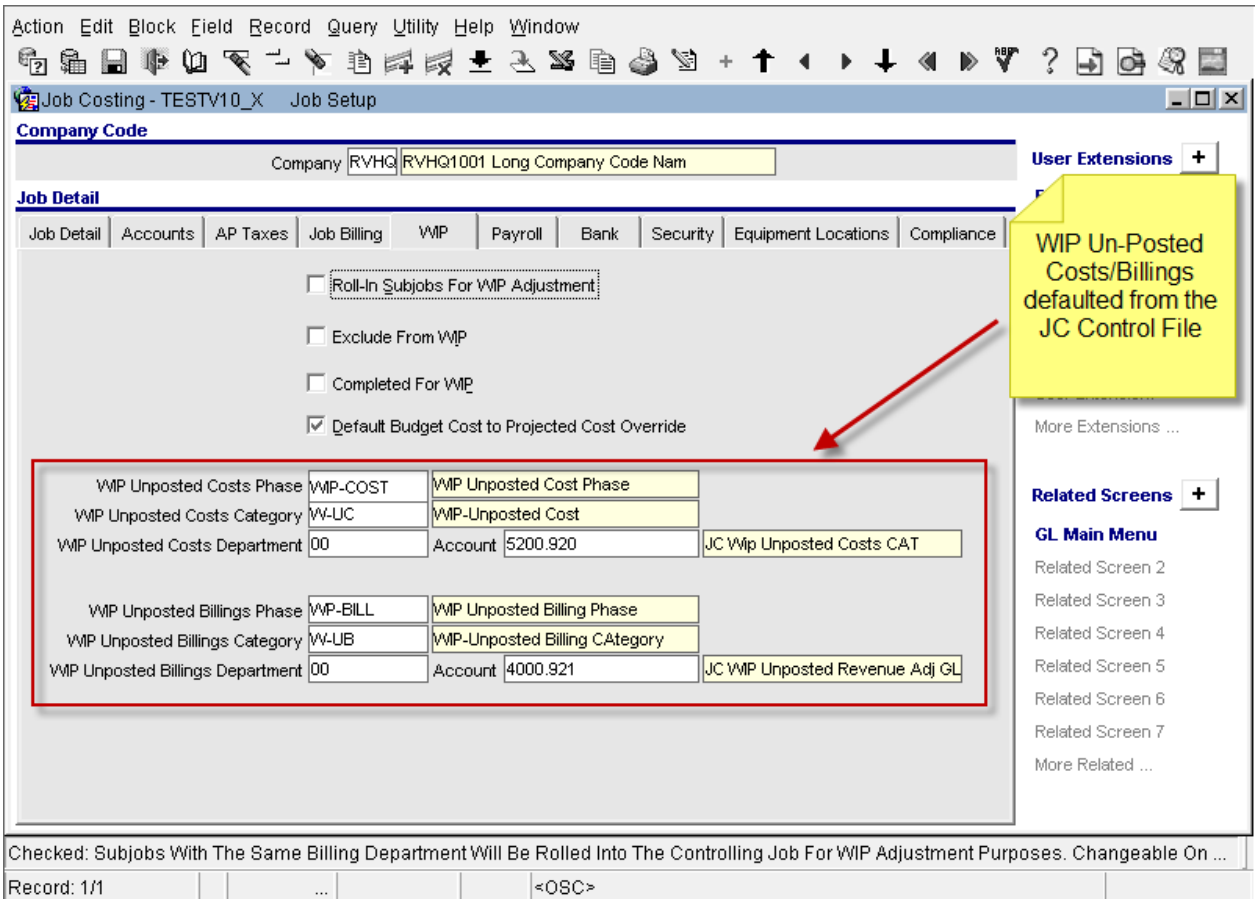


Job Setup Form > Accounts tab

The Revenue WIP Adjustment department and account fields are added to the 'Accounts' tab.

The values are defaulted from the JC Control File when creating a new job and may be overridden if required.

During WIP Adjustment posting, these values will be used. Also, these fields may be left as null and system would consider the JC Control values during posting, provided the 'Always Use Flag' is checked.

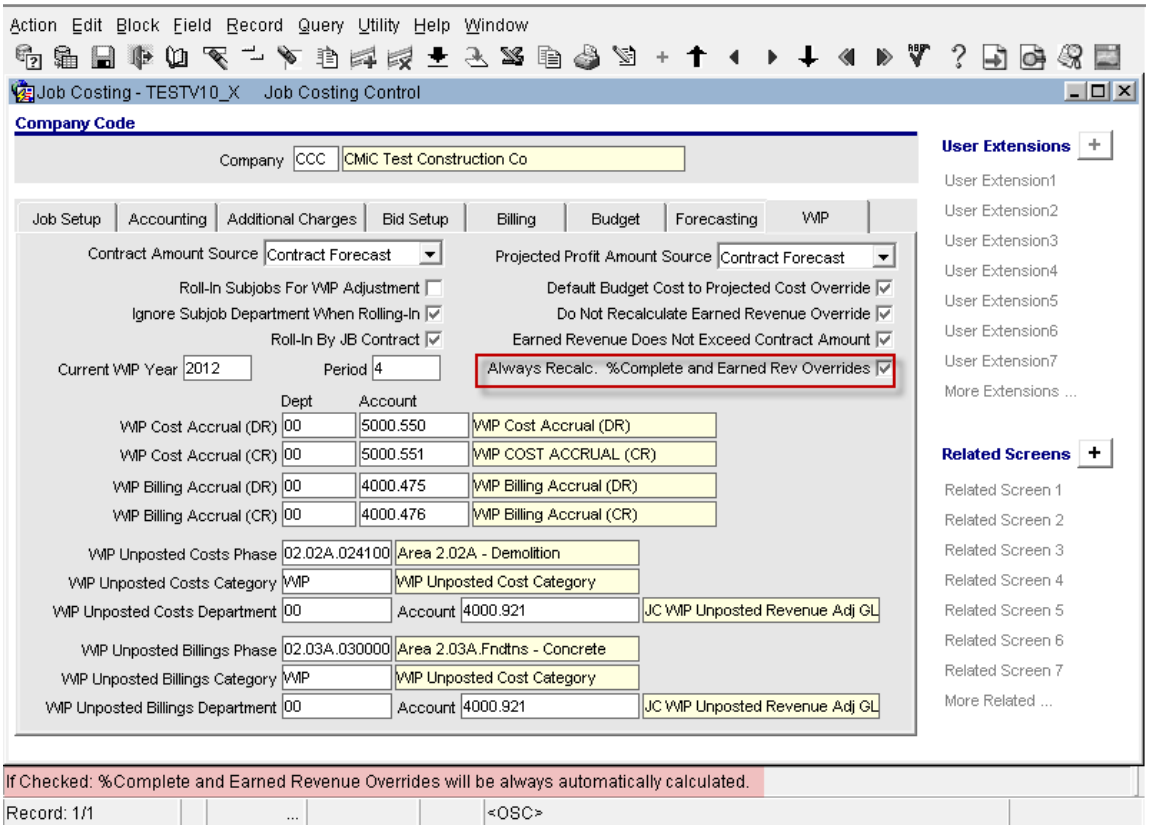


Job Setup Form > WIP Tab

The fields related to WIP Un-posted Costs/Billings functionality are now brought down to the Job Level as an enhancement to WIP process.

Users may override these values at job level as required. if left as null, then the JC Control setup values will be used during postings.

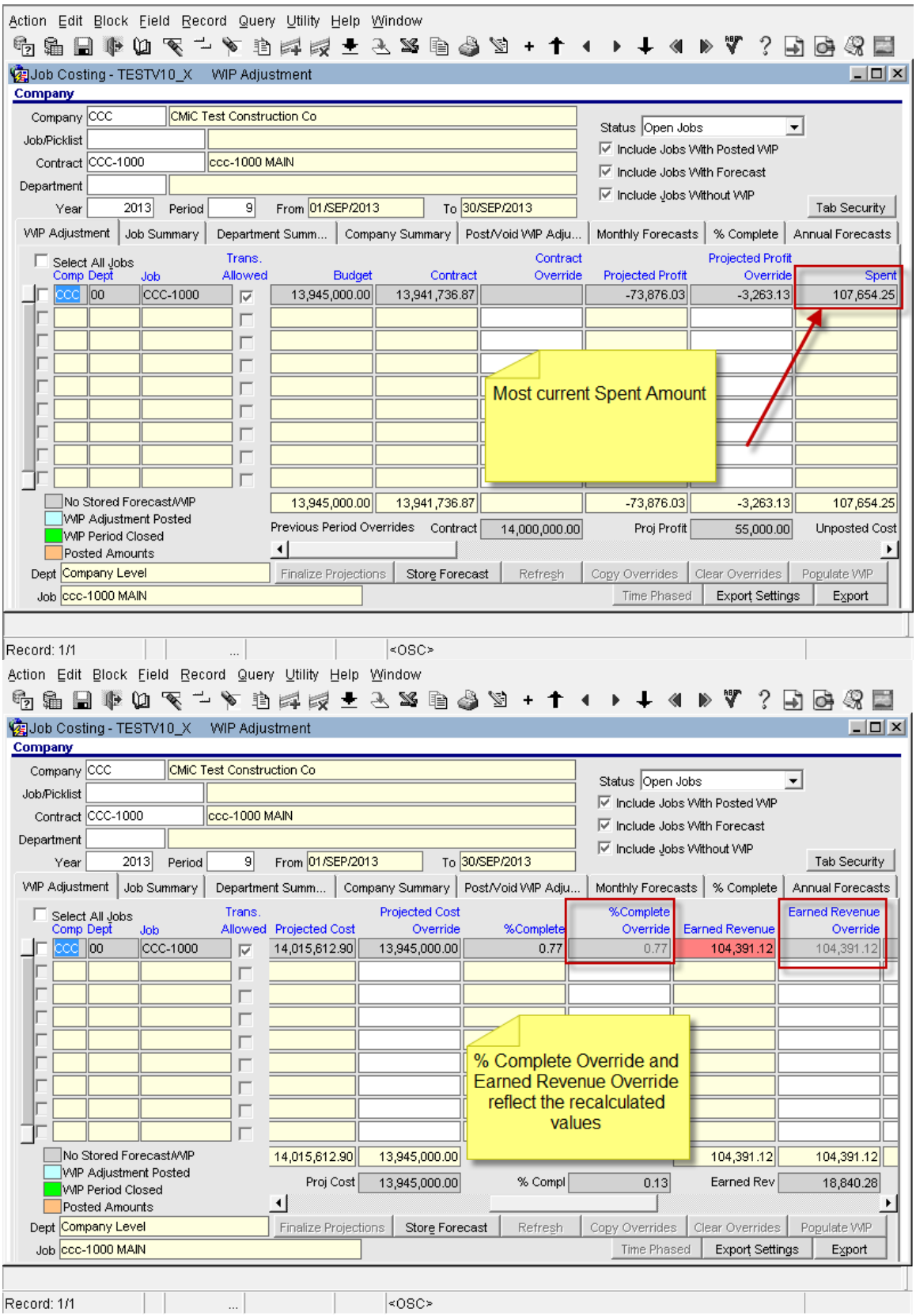
WIP %Complete and Earned Revenue Override changes (13.80619)

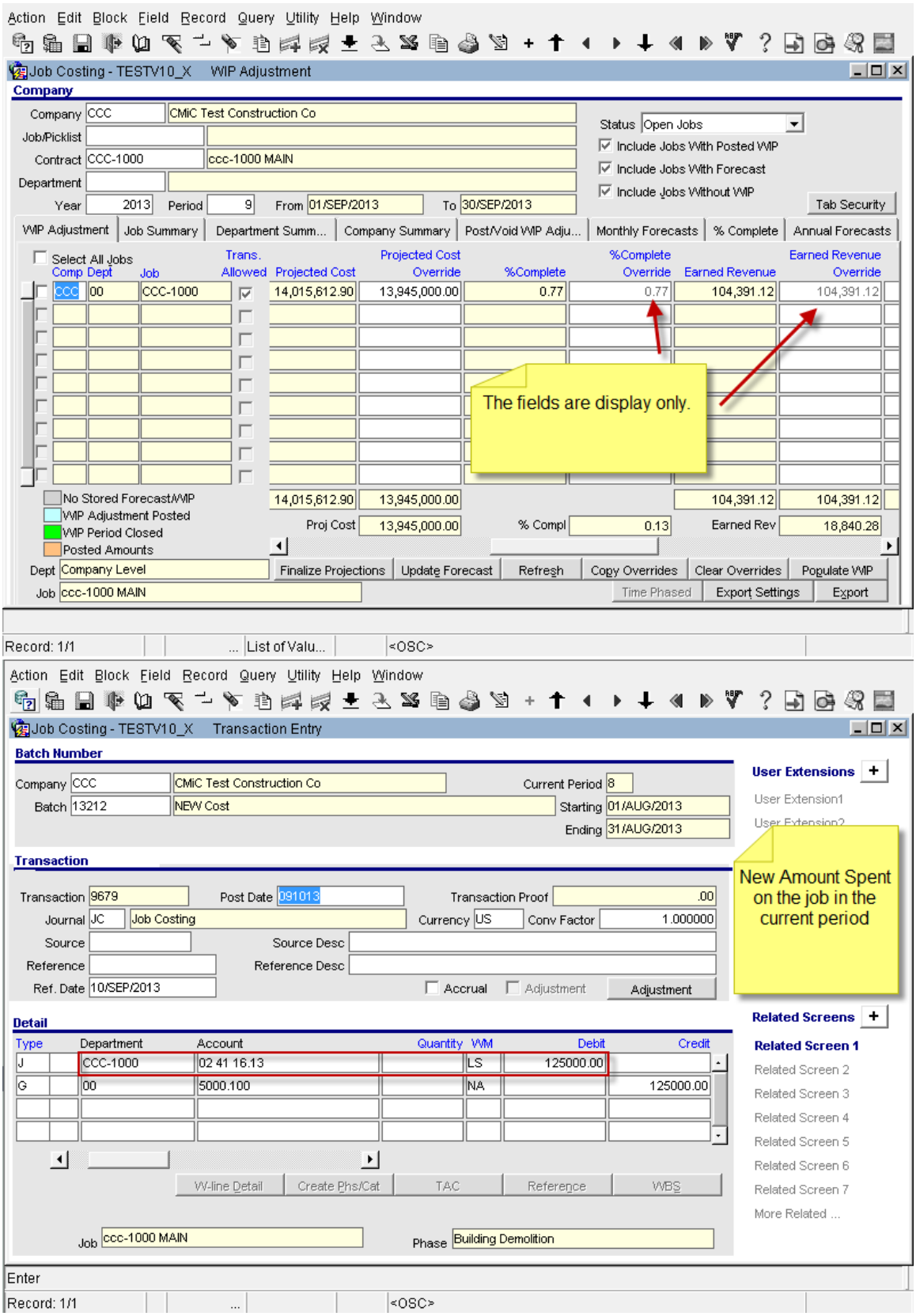


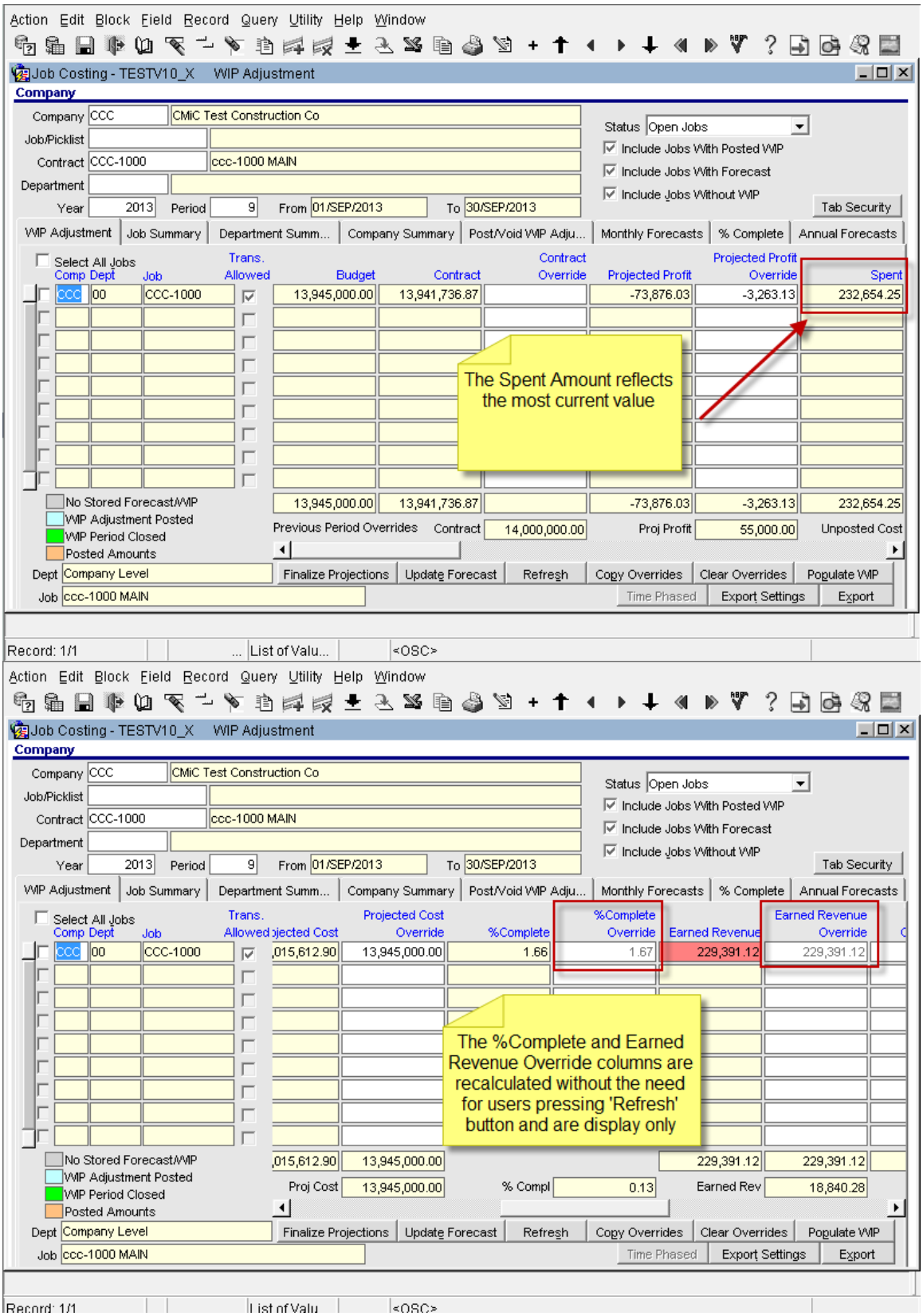
Ability to lock down the '% Complete' and 'Earned Revenue' Overrides as calculated fields and read only in the JC WIP program. Also, whenever the form is refreshed, to bring in all new spent amounts and hence the recalculated '% Complete' and 'Earned Revenue' Overrides reflect most recent values.

Currently the WIP form is not refreshing this calculation, if there is a change in 'Spent' Amount, unless users specifically press the 'Refresh' button.

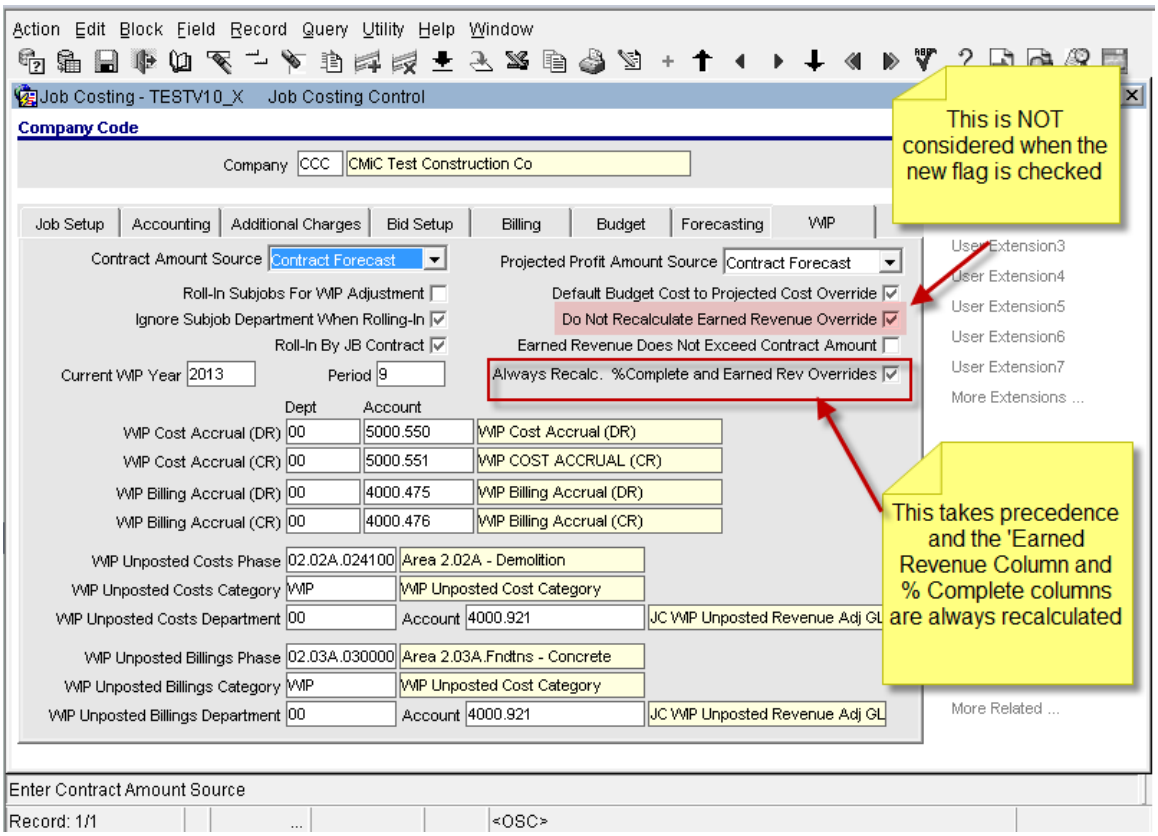
The WIP tab screen is modified with an additional flag 'Always Recalc. %Complete and Earned Rev Overrides'. The default value is un-checked and the current functionality applies. With this change the %Complete Override and Earned Revenue Override will always be calculated and displayed based on the most current Spent Amount


Action Edit Block Field Record Query Utility Help Window
Job Costing - TESTV10_X WIP Adjustment
Company
Company CCC CMiC Test Construction Co
Job/Picklist
Contract CCC-1000 ccc-1000 MAIN
Department
Year 2013 Period 9 From 01/SEP/2013 To 30/SEP/2013
Status Open Jobs
Include Jobs With Posted WIP
Include Jobs With Forecast
Include Jobs Without WIP
Tab Security
WIP Adjustment Job Summary Department Summ... Company Summary Post/Void WIP Adju... Monthly Forecasts % Complete Annual Forecasts
Select All Jobs
Comp Dept Job Trans. Allowed Budget Contract Contract Override Projected Profit Projected Profit Override Spent
CCC 00 CCC-1000 13,945,000.00 13,941,736.87 -73,876.03 -3,263.13 107,654.25
Most current Spent Amount
No Stored Forecast/WIP
WIP Adjustment Posted
WIP Period Closed
Posted Amounts
13,945,000.00 13,941,736.87 -73,876.03 -3,263.13 107,654.25
Previous Period Overrides Contract 14,000,000.00 Proj Profit 55,000.00 Unposted Cost
Dept Company Level
Job ccc-1000 MAIN
Finalize Projections Store Forecast Refresh Copy Overrides Clear Overrides Populate WIP
Time Phased Export Settings Export
Record: 1/1
<OSC>
Action Edit Block Field Record Query Utility Help Window
Job Costing - TESTV10_X WIP Adjustment
Company
Company CCC CMiC Test Construction Co
Job/Picklist
Contract CCC-1000 ccc-1000 MAIN
Department
Year 2013 Period 9 From 01/SEP/2013 To 30/SEP/2013
Status Open Jobs
Include Jobs With Posted WIP
Include Jobs With Forecast
Include Jobs Without WIP
Tab Security
WIP Adjustment Job Summary Department Summ... Company Summary Post/Void WIP Adju... Monthly Forecasts % Complete Annual Forecasts
Select All Jobs
Comp Dept Job Trans. Allowed Projected Cost Projected Cost Override %Complete %Complete Override Earned Revenue Earned Revenue Override
CCC 00 CCC-1000 14,015,612.90 13,945,000.00 0.77 0.77 104,391.12 104,391.12
% Complete Override and Earned Revenue Override reflect the recalculated values
No Stored Forecast/WIP
WIP Adjustment Posted
WIP Period Closed
Posted Amounts
14,015,612.90 13,945,000.00 104,391.12 104,391.12
Proj Cost 13,945,000.00 % Compl 0.13 Earned Rev 18,840.28
Dept Company Level
Job ccc-1000 MAIN
Finalize Projections Store Forecast Refresh Copy Overrides Clear Overrides Populate WIP
Time Phased Export Settings Export
Record: 1/1
<OSC>


Action Edit Block Field Record Query Utility Help Window
Job Costing - TESTV10_X WIP Adjustment
Company
Company CCC CMiC Test Construction Co
Job/Picklist
Contract CCC-1000 ccc-1000 MAIN
Department
Year 2013 Period 9 From 01/SEP/2013 To 30/SEP/2013
Status Open Jobs
Include Jobs With Posted WIP
Include Jobs With Forecast
Include Jobs Without WIP
Tab Security
WIP Adjustment Job Summary Department Summ... Company Summary Post/Void WIP Adju... Monthly Forecasts % Complete Annual Forecasts
Select All Jobs
Comp Dept Job Trans. Allowed Projected Cost Projected Cost Override %Complete %Complete Override Earned Revenue Earned Revenue Override
CCC 00 CCC-1000 14,015,612.90 13,945,000.00 0.77 0.77 104,391.12 104,391.12
The fields are display only.
No Stored Forecast/WIP
WIP Adjustment Posted
WIP Period Closed
Posted Amounts
14,015,612.90 13,945,000.00 104,391.12 104,391.12
Proj Cost 13,945,000.00 % Compl 0.13 Earned Rev 18,840.28
Dept Company Level
Job ccc-1000 MAIN
Finalize Projections Update Forecast Refresh Copy Overrides Clear Overrides Populate WIP
Time Phased Export Settings Export
Record: 1/1 List of Valu... <OSC>
Action Edit Block Field Record Query Utility Help Window
Job Costing - TESTV10_X Transaction Entry
Batch Number
Company CCC CMiC Test Construction Co Current Period 8
Batch 13212 NEW Cost Starting 01/AUG/2013
Ending 31/AUG/2013
User Extensions
User Extension1
User Extension2
Transaction
Transaction 9679 Post Date 091013 Transaction Proof .00
Journal JC Job Costing Currency US Conv Factor 1.000000
Source Source Desc
Reference Reference Desc
Ref. Date 10/SEP/2013 Accrual Adjustment Adjustment
New Amount Spent on the job in the current period
Related Screens
Related Screen 1
Related Screen 2
Related Screen 3
Related Screen 4
Related Screen 5
Related Screen 6
Related Screen 7
More Related ...
Detail
Type Department Account Quantity WM Debit Credit
J CCC-1000 02 41 16.13 LS 125000.00
G 00 5000.100 NA 125000.00
W-line Detail Create Phs/Cat TAC Reference WBS
Job ccc-1000 MAIN Phase Building Demolition
Enter
Record: 1/1 <OSC>


Action Edit Block Field Record Query Utility Help Window
Job Costing - TESTV10_X WIP Adjustment
Company
Company CCC CMiC Test Construction Co
Job/Picklist
Contract CCC-1000 ccc-1000 MAIN
Department
Year 2013 Period 9 From 01/SEP/2013 To 30/SEP/2013
Status Open Jobs
Include Jobs With Posted WIP
Include Jobs With Forecast
Include Jobs Without WIP
Tab Security
WIP Adjustment Job Summary Department Summ... Company Summary Post/Void WIP Adju... Monthly Forecasts % Complete Annual Forecasts
Select All Jobs
Comp Dept Job Trans. Allowed Budget Contract Contract Override Projected Profit Projected Profit Override Spent
CCC 00 CCC-1000 13,945,000.00 13,941,736.87 -73,876.03 -3,263.13 232,654.25
The Spent Amount reflects the most current value
No Stored Forecast/WIP
WIP Adjustment Posted
WIP Period Closed
Posted Amounts
13,945,000.00 13,941,736.87 -73,876.03 -3,263.13 232,654.25
Previous Period Overrides Contract 14,000,000.00 Proj Profit 55,000.00 Unposted Cost
Dept Company Level
Job ccc-1000 MAIN
Finalize Projections Update Forecast Refresh Copy Overrides Clear Overrides Populate WIP
Time Phased Export Settings Export
Record: 1/1 List of Valu... <OSC>
Action Edit Block Field Record Query Utility Help Window
Job Costing - TESTV10_X WIP Adjustment
Company
Company CCC CMiC Test Construction Co
Job/Picklist
Contract CCC-1000 ccc-1000 MAIN
Department
Year 2013 Period 9 From 01/SEP/2013 To 30/SEP/2013
Status Open Jobs
Include Jobs With Posted WIP
Include Jobs With Forecast
Include Jobs Without WIP
Tab Security
WIP Adjustment Job Summary Department Summ... Company Summary Post/Void WIP Adju... Monthly Forecasts % Complete Annual Forecasts
Select All Jobs
Comp Dept Job Trans. Allowed Projected Cost Projected Cost Override %Complete %Complete Override Earned Revenue Earned Revenue Override
CCC 00 CCC-1000 ,015,612.90 13,945,000.00 1.66 1.67 229,391.12 229,391.12
The %Complete and Earned Revenue Override columns are recalculated without the need for users pressing 'Refresh' button and are display only
No Stored Forecast/WIP
WIP Adjustment Posted
WIP Period Closed
Posted Amounts
,015,612.90 13,945,000.00 229,391.12 229,391.12
Proj Cost 13,945,000.00 % Compl 0.13 Earned Rev 18,840.28
Dept Company Level
Job ccc-1000 MAIN
Finalize Projections Update Forecast Refresh Copy Overrides Clear Overrides Populate WIP
Time Phased Export Settings Export
Record: 1/1 List of Valu <OSC>

IMPORTANT NOTE: There is another flag in the JC Control > WIP Tab, related to the 'Earned Revenue Override' column, as shown in the following screen. This is NOT considered when the new flag is checked.



ETC - Contract Forecasting Billed Amount Source (13.81808)

The 'Billable To Date' column in ETC to show 'Calculated Potential Revenue Amount' from JC details, instead of the 'Billed' Amounts for posted transactions in a draw.

The billed amount may differ from the actual CPR as the users are allowed to override the billed amount and this may cause inflated profits in ETC. This may be prevented with an optional setting as described below.

Implementation:

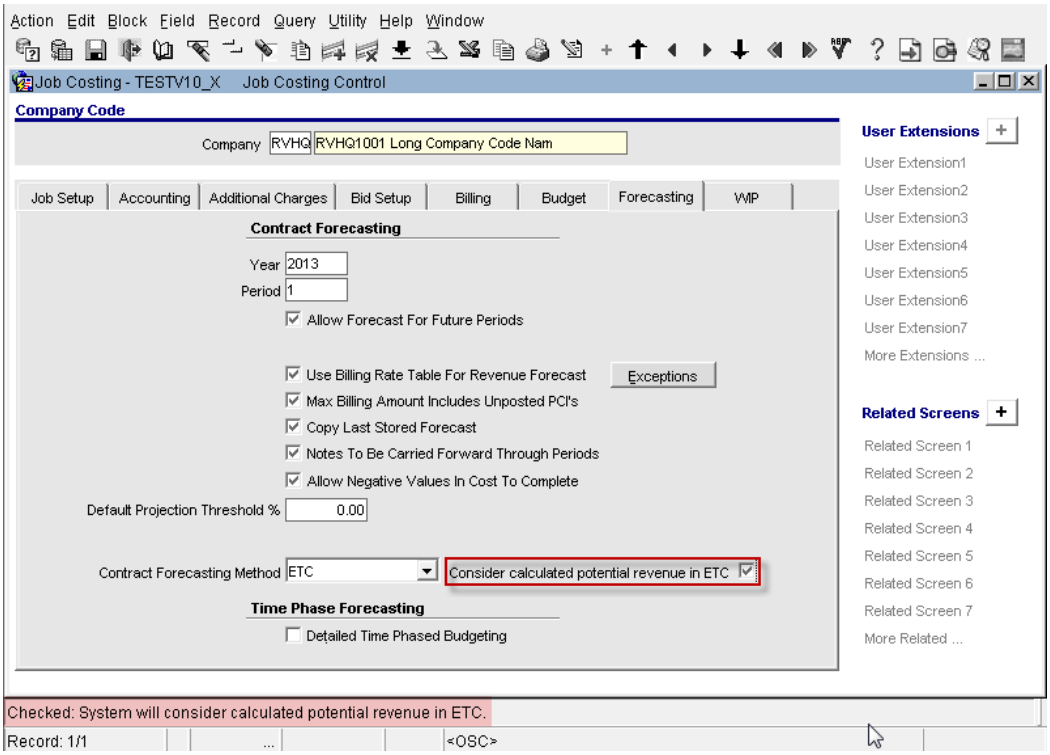
CMiC added a check box "Consider Calculated Potential Revenue in ETC" to the forecasting tab of JC Control File. An identical flag is added to the JB Contract Entry screen > Defaults popup. The value is defaulted from the JC control file, for any new contracts upon creation. Users may override the defaulted values as required.

When this option is checked on the job billing contract, the ETC will show the Calculated Potential Revenue amount in the Billable To Date Column.

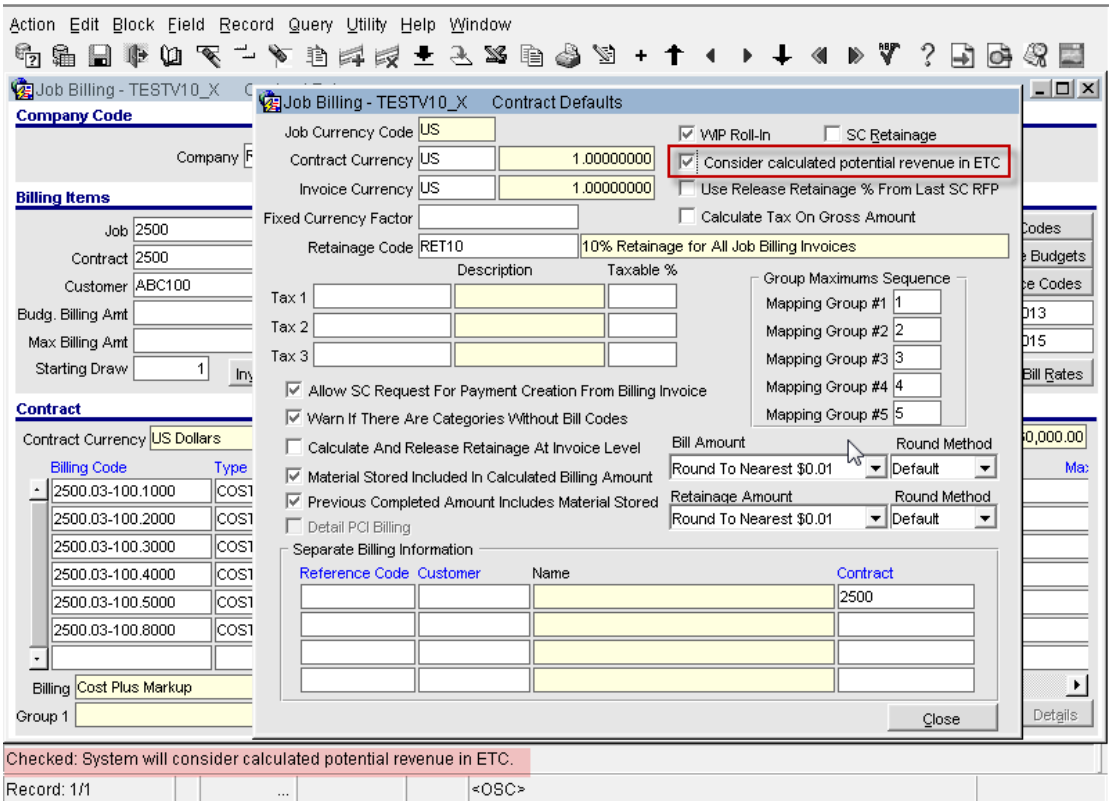
Example:

The following screens show the modifications implemented.

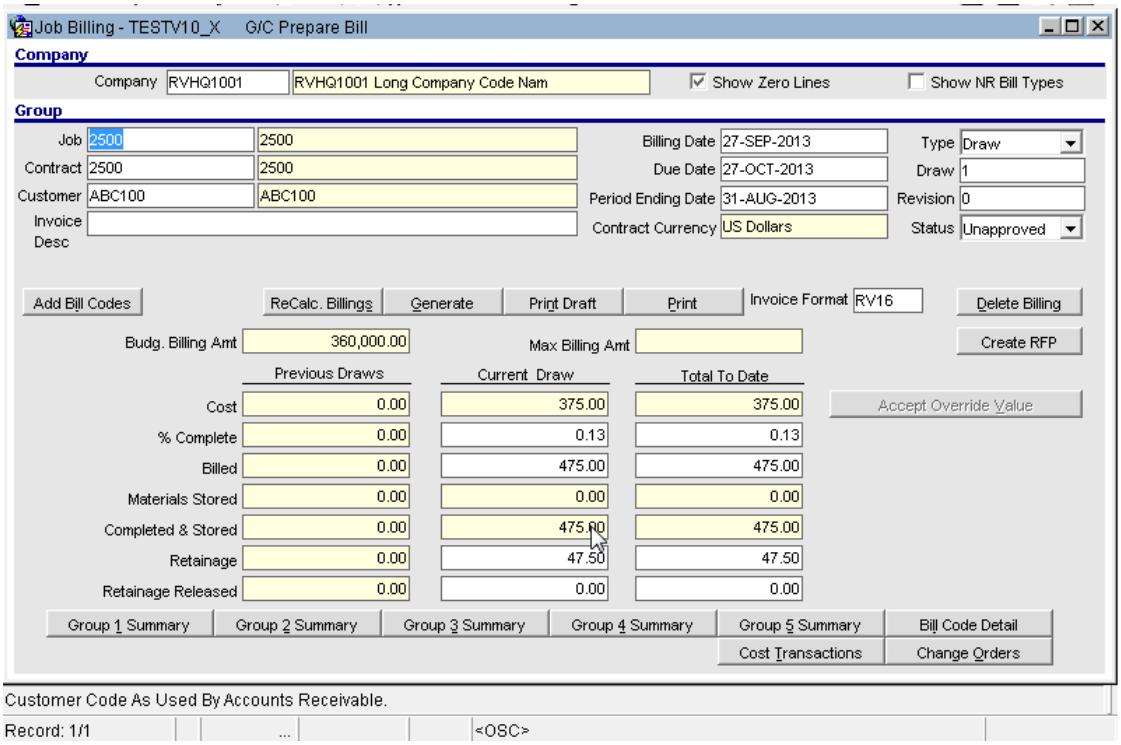
JC Control File > Forecasting Tab

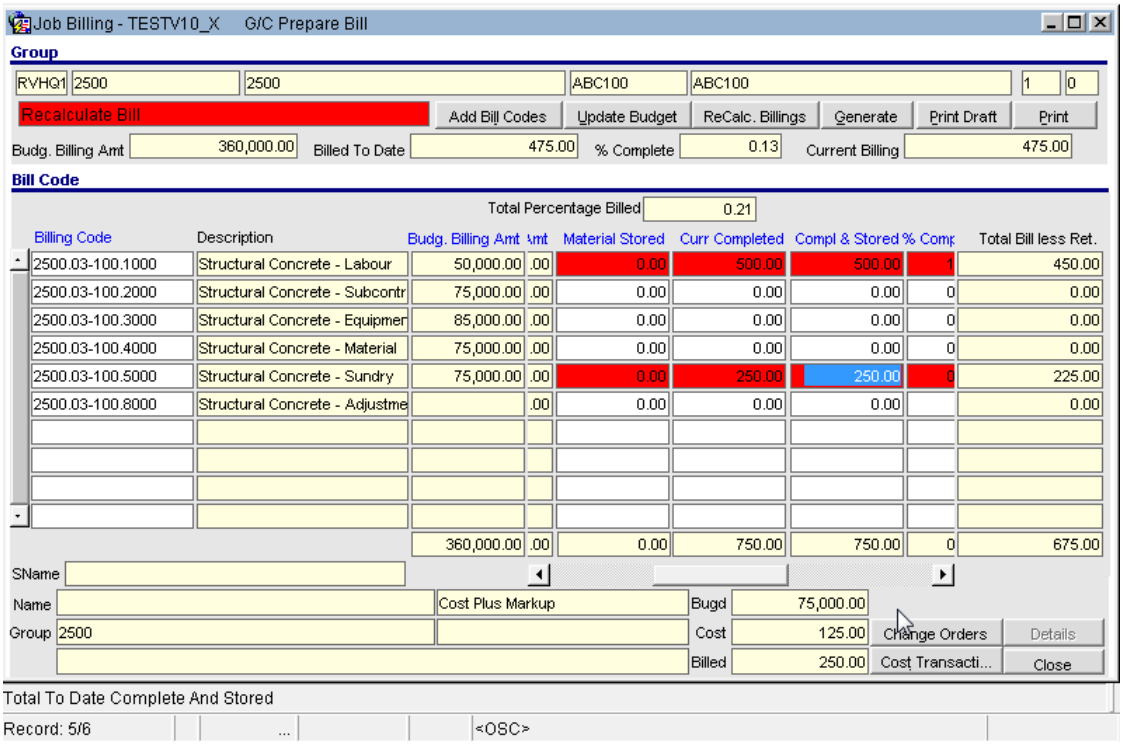


JB Contract Entry > Defaults

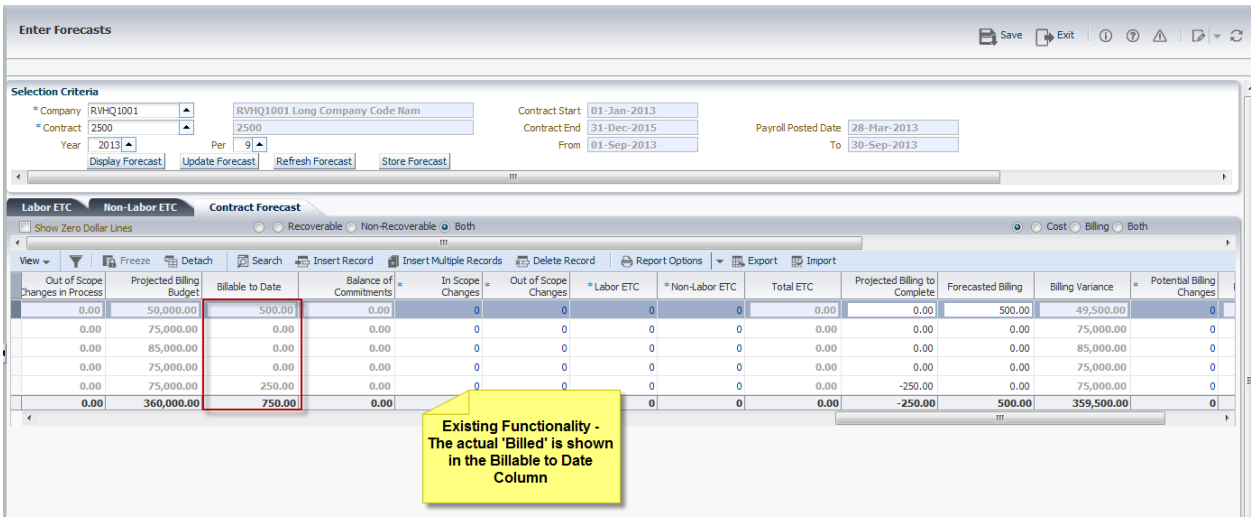


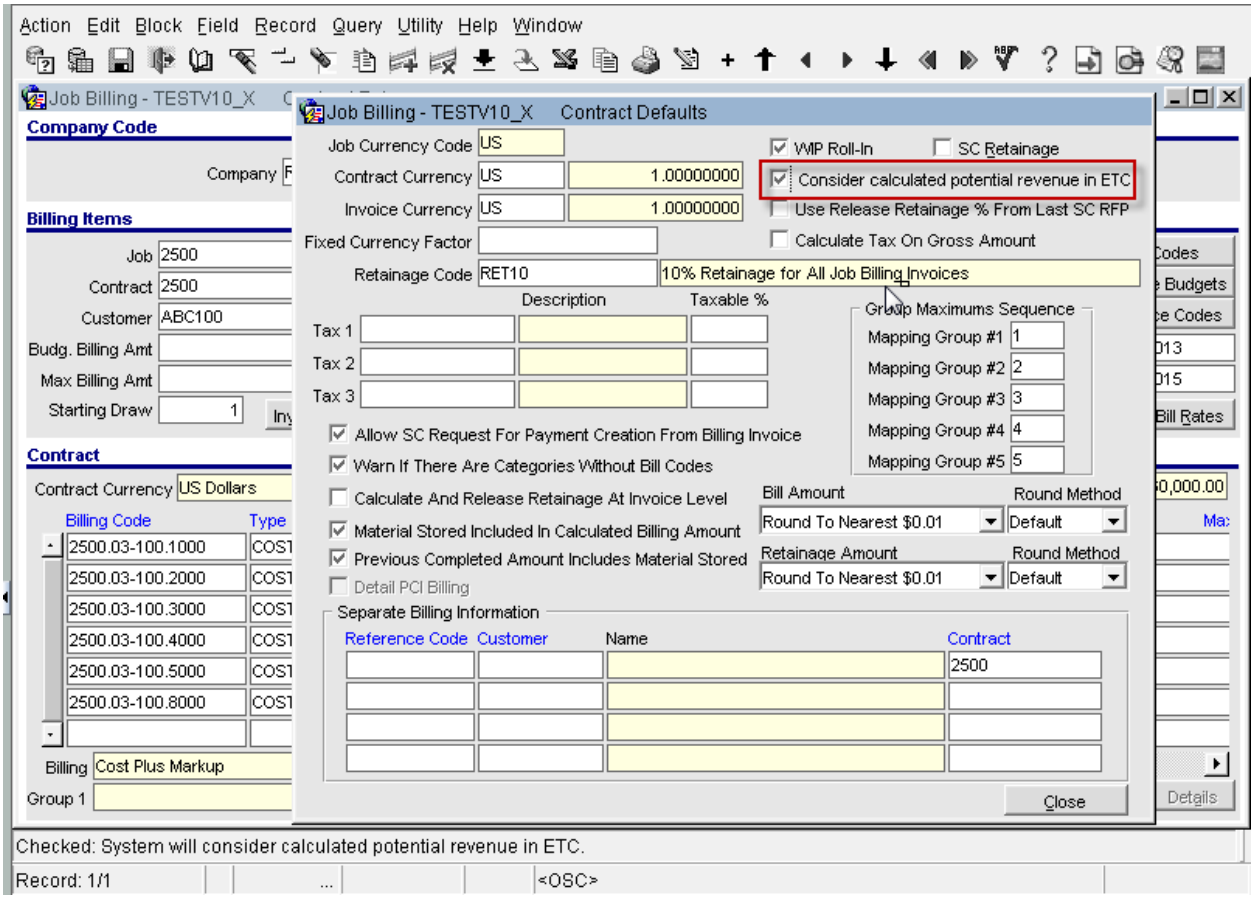
G/C Prepare Bill Screen > The Calculated Potential Revenue is defaulted in to G/C Prepare Bill .



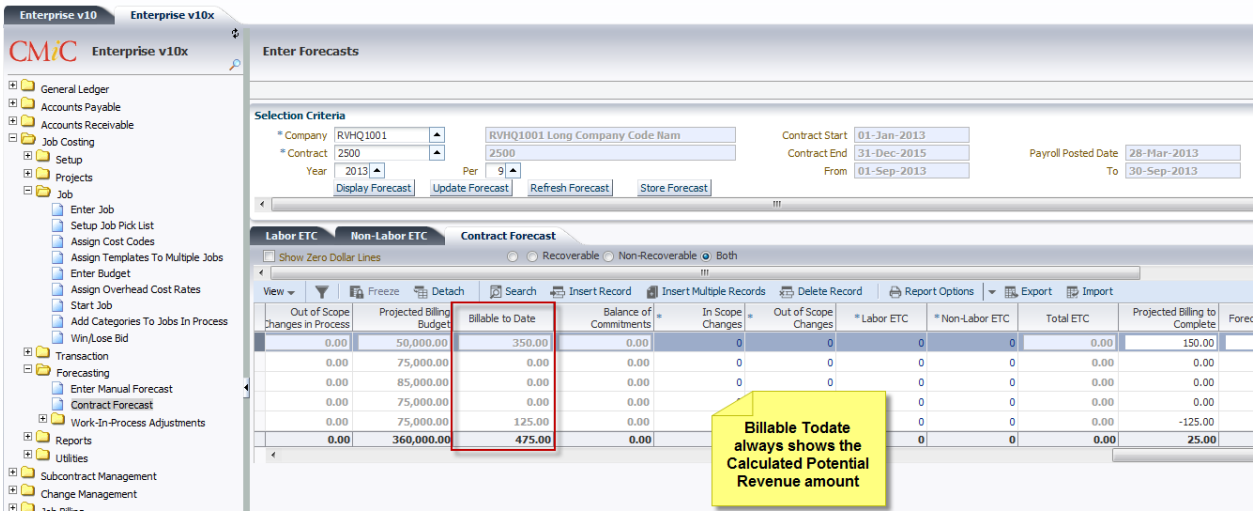


When the flag is un-checked in JB Contract Defaults, then the ETC displays the Actual Billed Amounts under the Billable to Date Column.



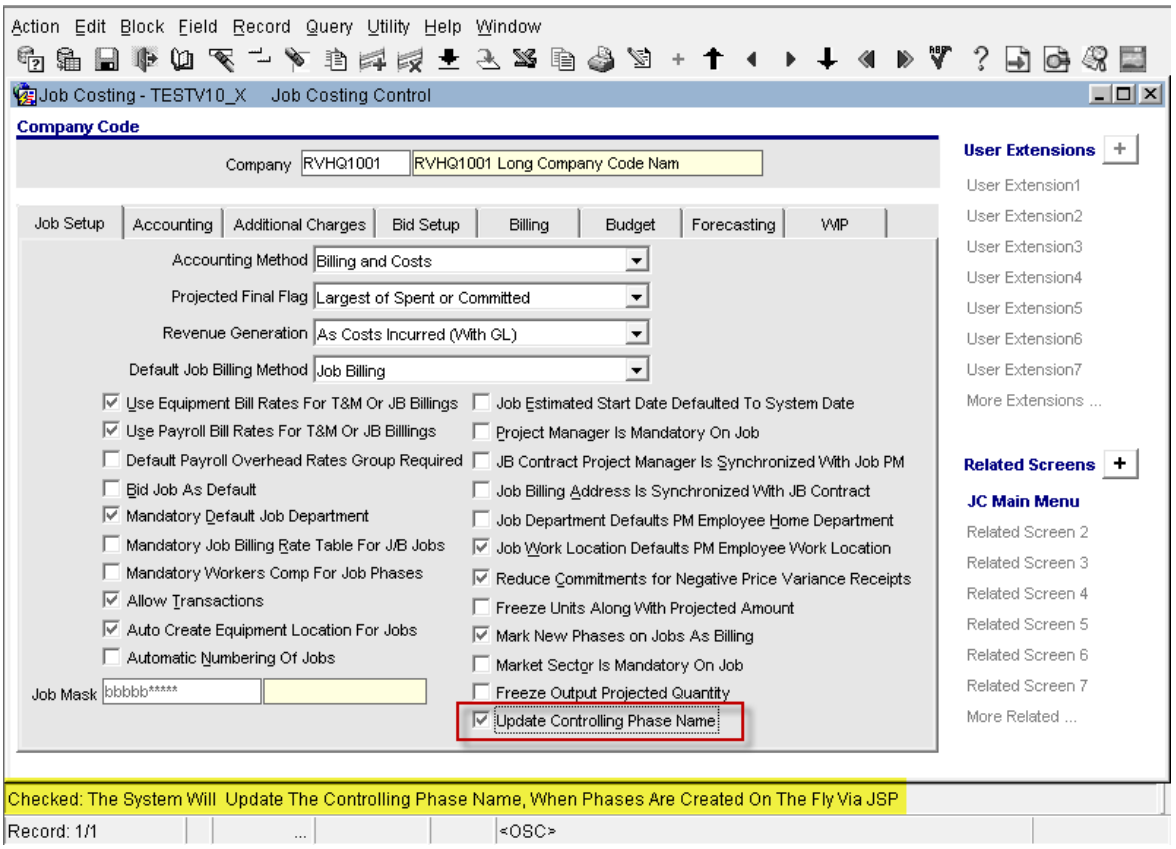


When the Flag is checked, then the column in ETC always shows the Calculated Potential Revenue Amount for the specific billing contract.



Update Controlling Phase Name when creating phs/cat on the fly from PMJSP (13.84502)

Modifications:

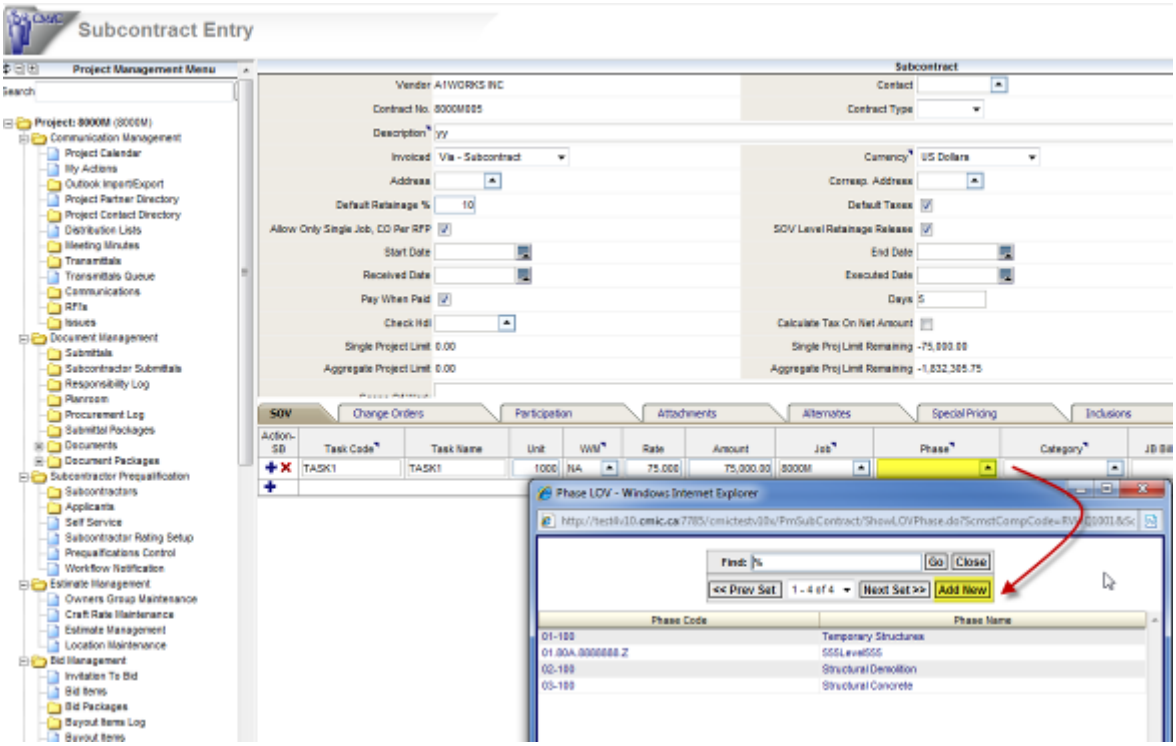


JC>Setup>Local Tables> Control (jcctrlfm.fmx)

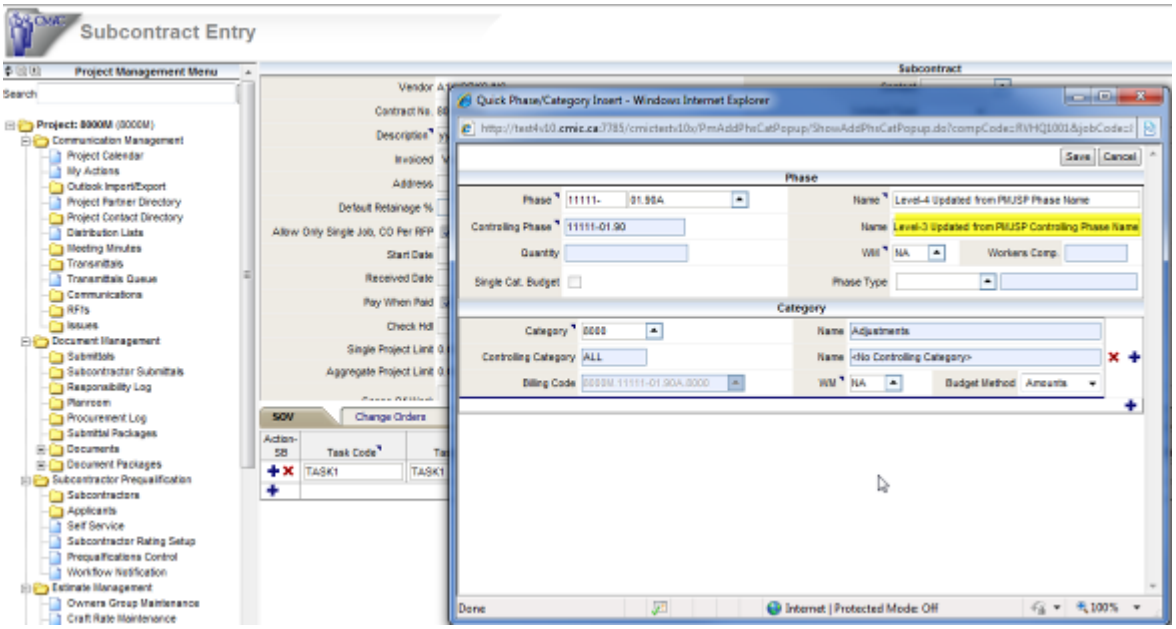
To add an option to allow users to update the controlling phase name on the job phase, when adding phase/category on the fly. The update will only take place if the control phase is already on the job and the option is turned on in JC Control file.

NOTE: This modification applies only when adding phase/category on the fly from PMJSP application.

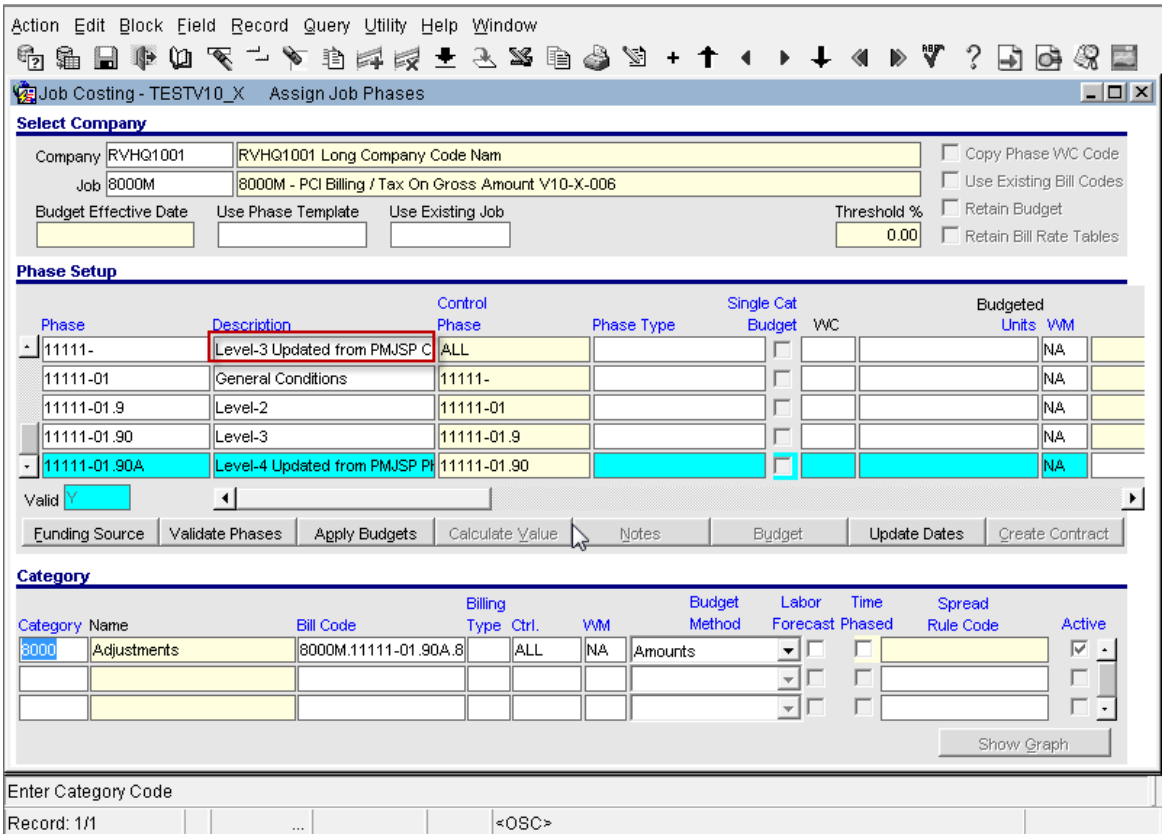
The Job Setup tab in JC Control file is modified with the addition of a check box 'Update Controlling Phase Name'. The default value is un-checked. When checked, uses will be able to update the controlling phase name and the system will update the same at the job level.



PMJSP > Subcontract Entry > Add New Phase/Cat on the Fly popup



The above screen shows, when using Phase segmentation, users will be able to update the Controlling Phase Name which will update the Controlling phase name at the job level.



JC>Job>Assign Phases> (jcprodsu.fmx)

The 'Assign Phases screen shows the Phase setup with the controlling phase name updated from PMJSP, when creating phase/cat on the fly.

Foreign Job Import Utility - Additional Fields (14.87643)

Programming to allow additional fields in JC Job Import process

Modifications:

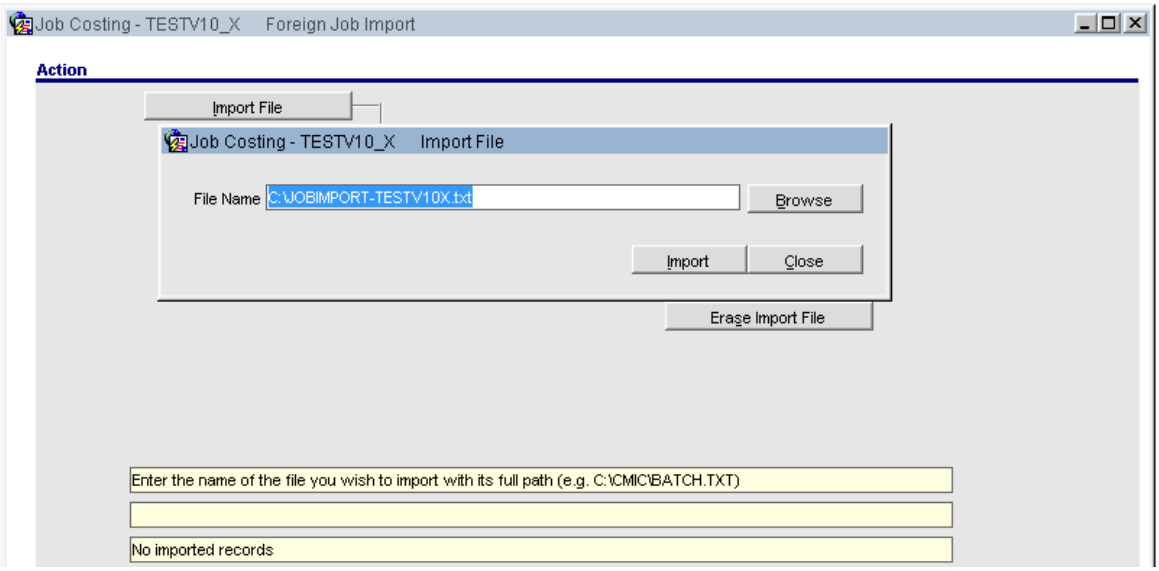
Added the following 7 fields to the existing Job Import table DA.JCIMPORT_JOB_TABLE

Job Setup Form Field Name	Import Table New Column	Data Type	Size
Project Manager	JCJI_PROJ_MGR	VARCHAR2	(10)
Terms	JCJI_TERMS	VARCHAR2	(6)
Market Sector	JCJI_MKT_SEC	VARCHAR2	(10)
Retainage Code	JCJI_RET_CODE	VARCHAR2	(10)
Address Type	JCJI_ADDR_TYPE	VARCHAR2	(5)
Work Location	JCJI_WORK_LOC	VARCHAR2	(15)
Allow Transactions	JCJI_ALLOW_TRANS	VARCHAR2	(1)

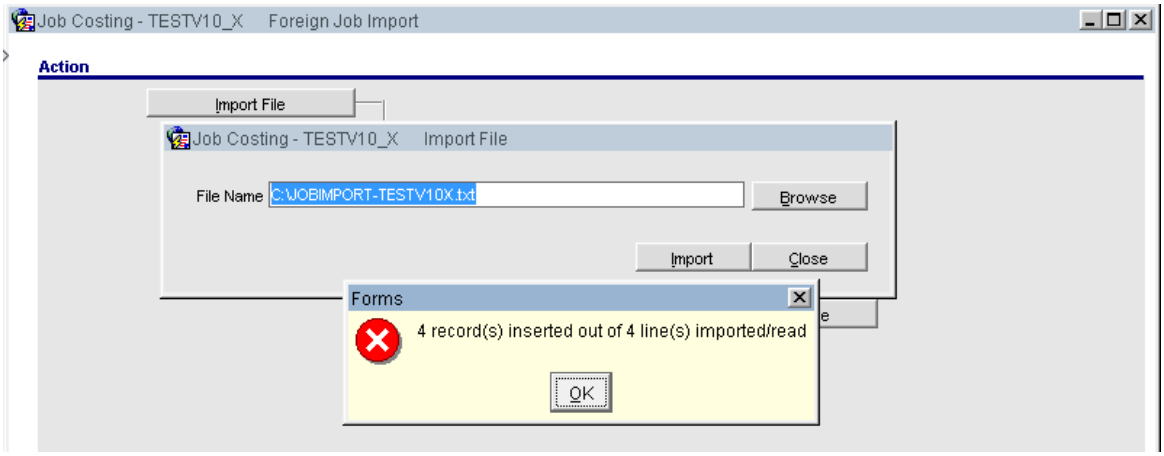
The Job Import Form (jcimpjob.fmx) is modified with the additional columns and users will be able to view the imported column values and make updates if necessary.

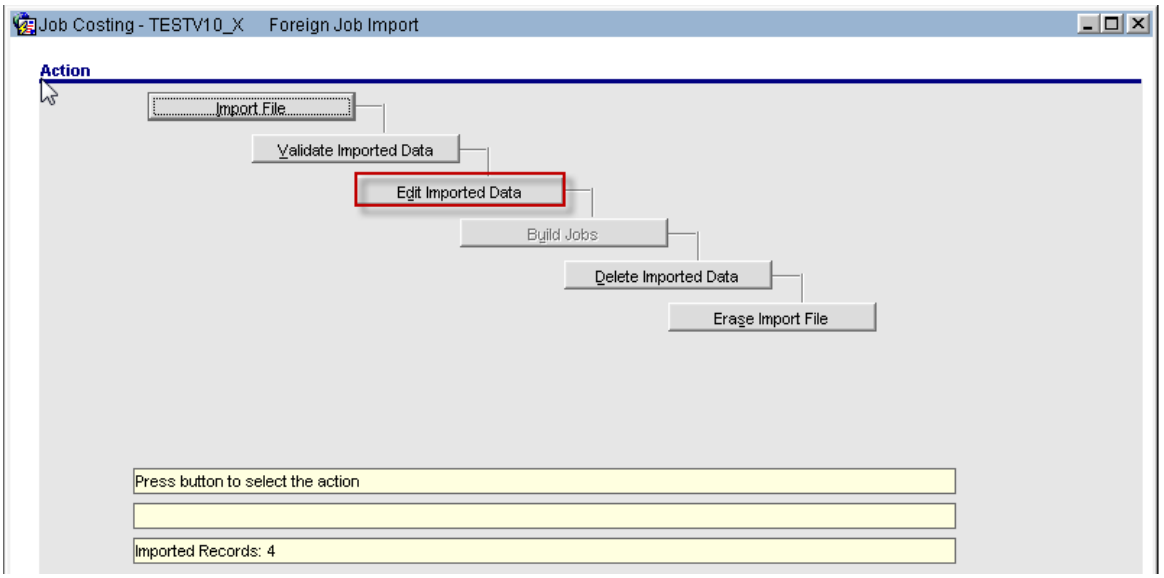
Each of the fields except the 'Allow Transactions' field have valid list of values (LOVs) and users may select a valid value from the list or enter manually, in which case will be validated by the program.

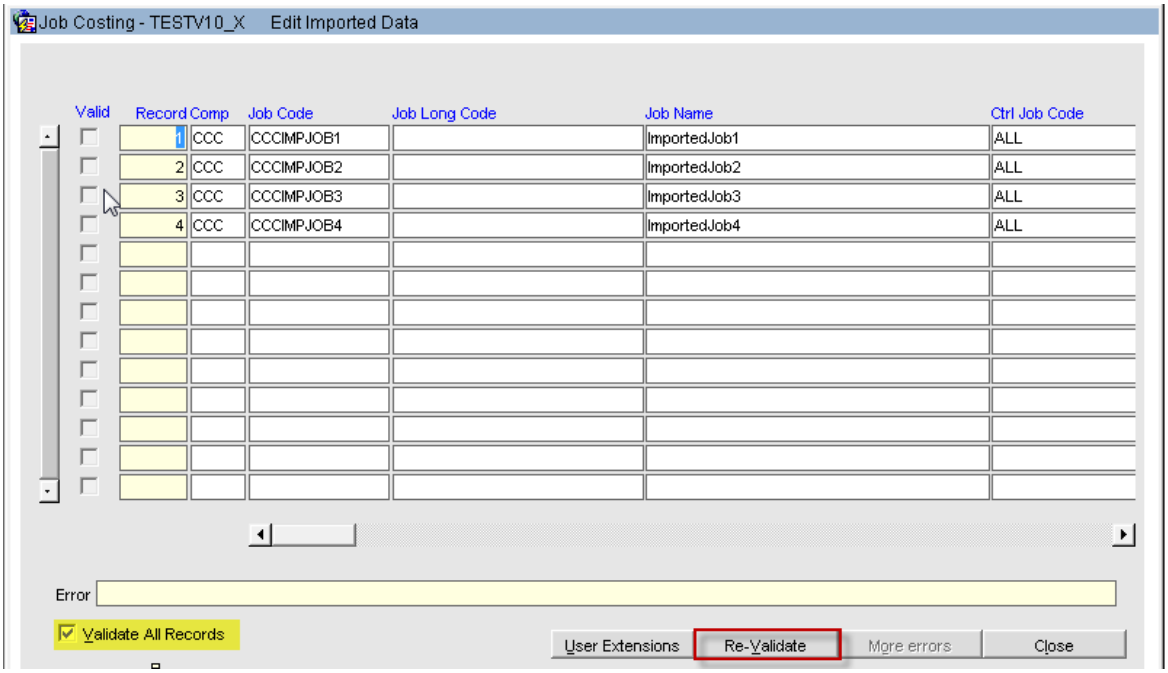
The following screens show the successful import of jobs from an ASCII file with the newly added columns to the import template.

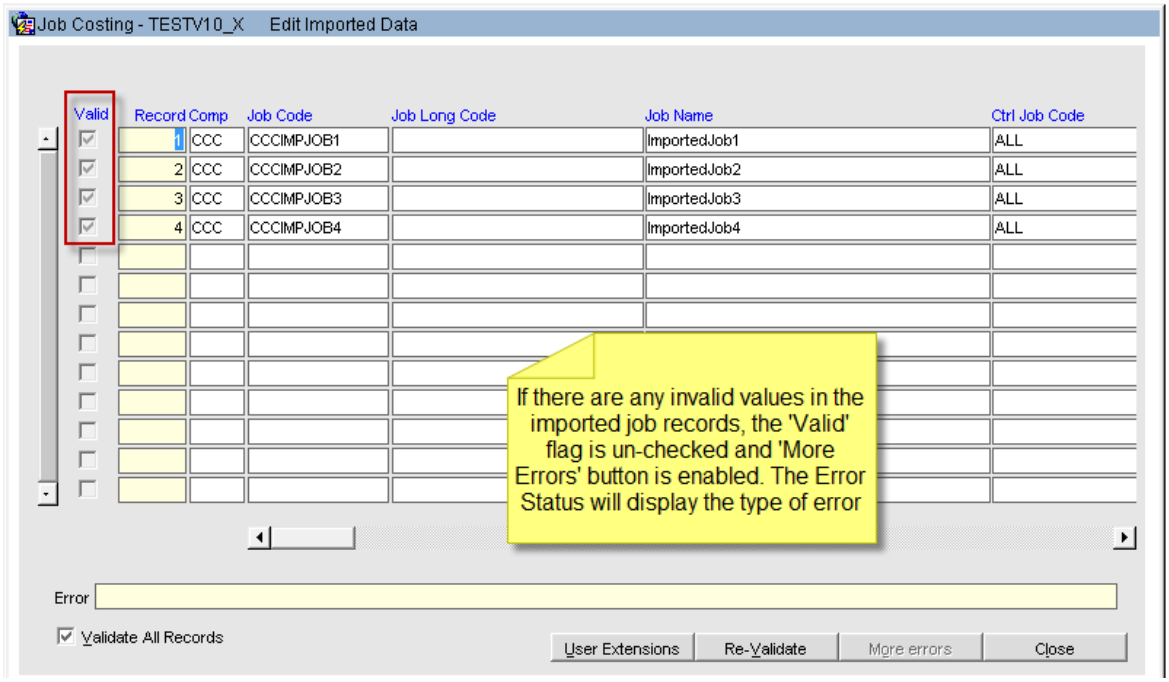


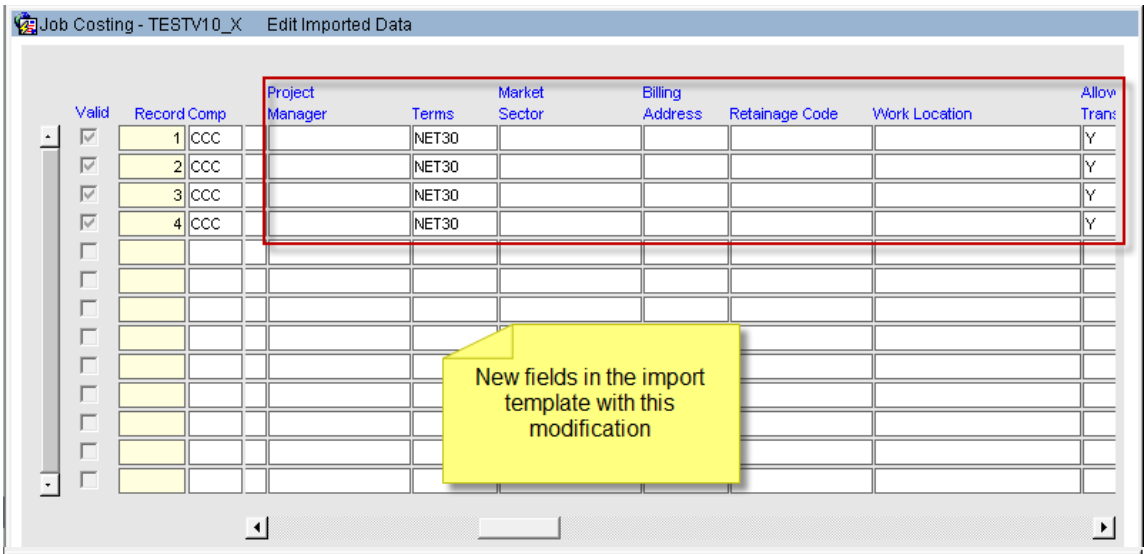
JCIMPJOB.FMX

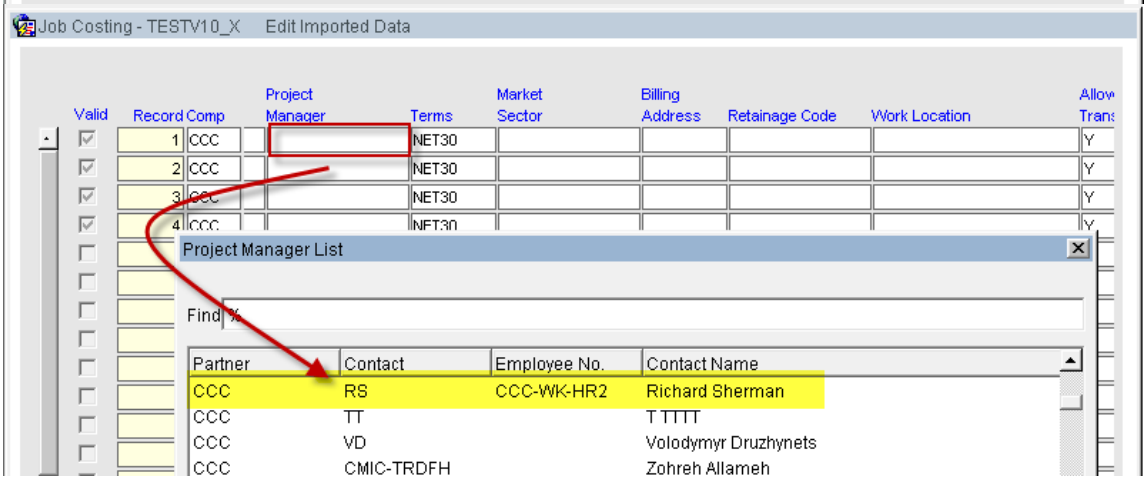

Job Costing - TESTV10_X Foreign Job Import
Action
Import File
Job Costing - TESTV10_X Import File
File Name C:\JOBIMPORT-TESTV10X.txt
Browse
Import
Close
Forms
4 record(s) inserted out of 4 line(s) imported/read
OK

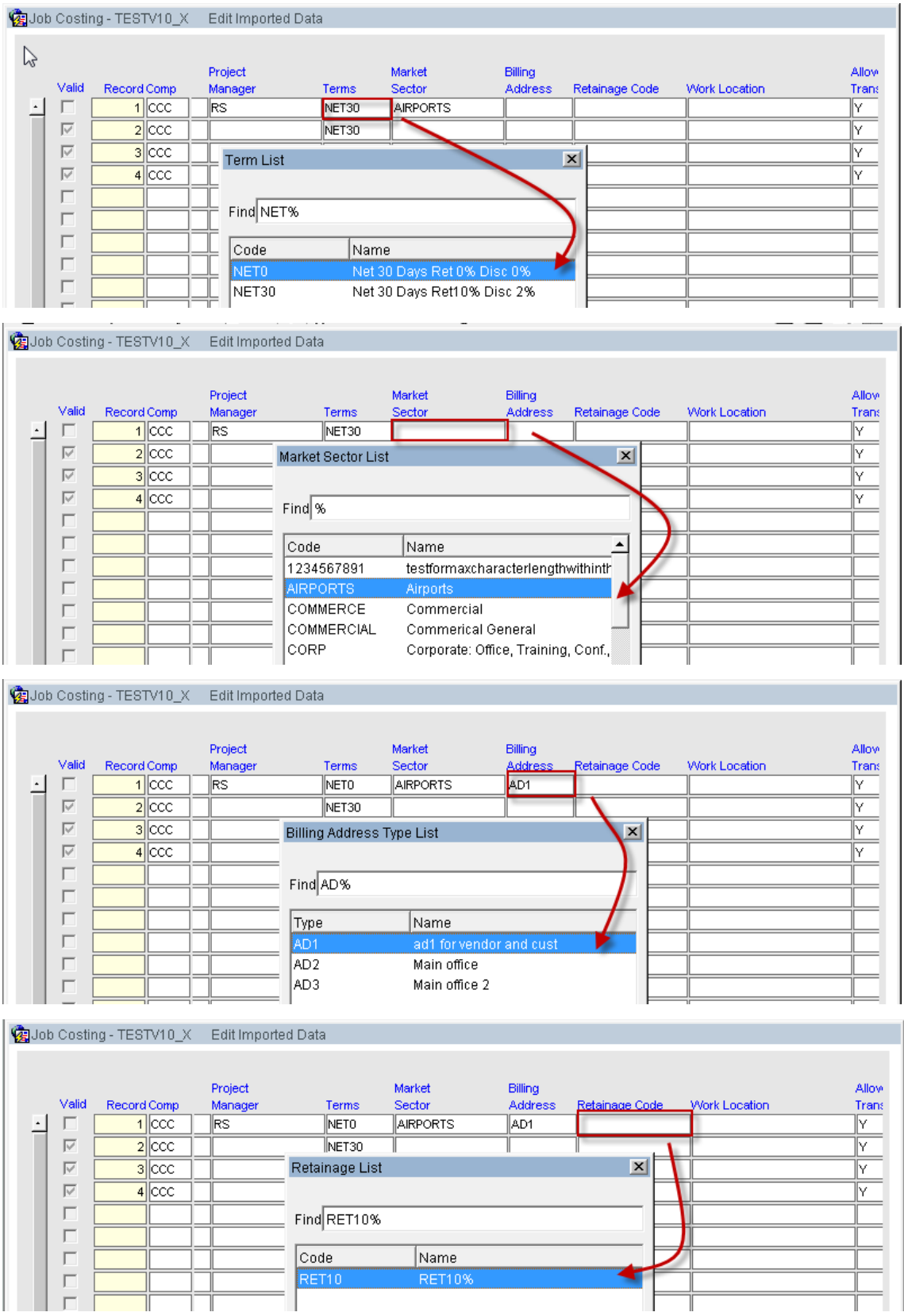

Job Costing - TESTV10_X Foreign Job Import
Action
Import File
Validate Imported Data
Edit Imported Data
Build Jobs
Delete Imported Data
Erase Import File
Press button to select the action
Imported Records: 4

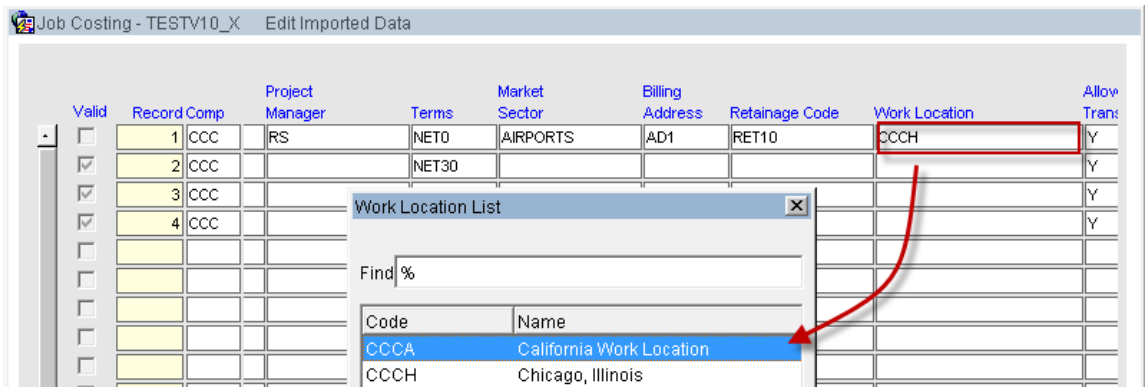

Job Costing - TESTV10_X Edit Imported Data
Valid
Record
Comp
Job Code
Job Long Code
Job Name
Ctrl Job Code
1 CCC CCCIMPJOB1 ImportedJob1 ALL
2 CCC CCCIMPJOB2 ImportedJob2 ALL
3 CCC CCCIMPJOB3 ImportedJob3 ALL
4 CCC CCCIMPJOB4 ImportedJob4 ALL
Error
Validate All Records
User Extensions
Re-Validate
More errors
Close

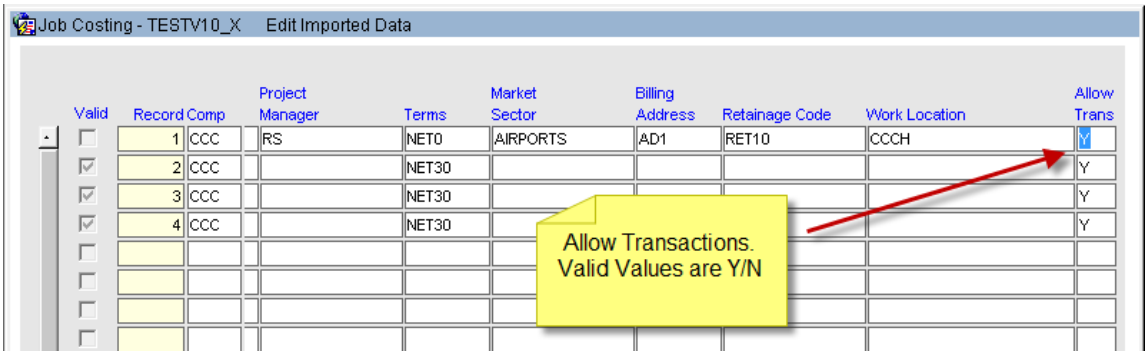

Job Costing - TESTV10_X Edit Imported Data
Valid
Record
Comp
Job Code
Job Long Code
Job Name
Ctrl Job Code
1 CCC CCCIMPJOB1 ImportedJob1 ALL
2 CCC CCCIMPJOB2 ImportedJob2 ALL
3 CCC CCCIMPJOB3 ImportedJob3 ALL
4 CCC CCCIMPJOB4 ImportedJob4 ALL
If there are any invalid values in the imported job records, the 'Valid' flag is un-checked and 'More Errors' button is enabled. The Error Status will display the type of error
Error
Validate All Records
User Extensions
Re-Validate
More errors
Close

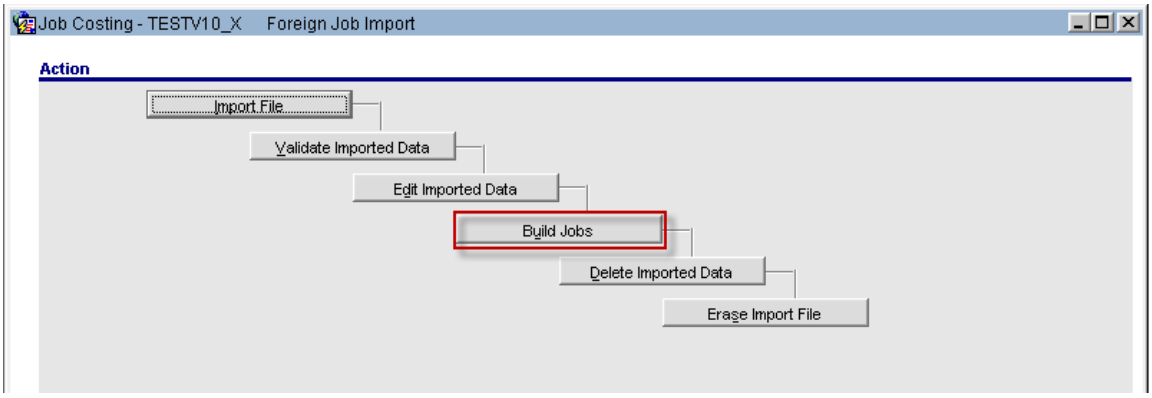

Job Costing - TESTV10_X Edit Imported Data
Valid
Record
Comp
Project Manager
Terms
Market Sector
Billing Address
Retainage Code
Work Location
Allow Trans
1 CCC NET30 Y
2 CCC NET30 Y
3 CCC NET30 Y
4 CCC NET30 Y
New fields in the import template with this modification

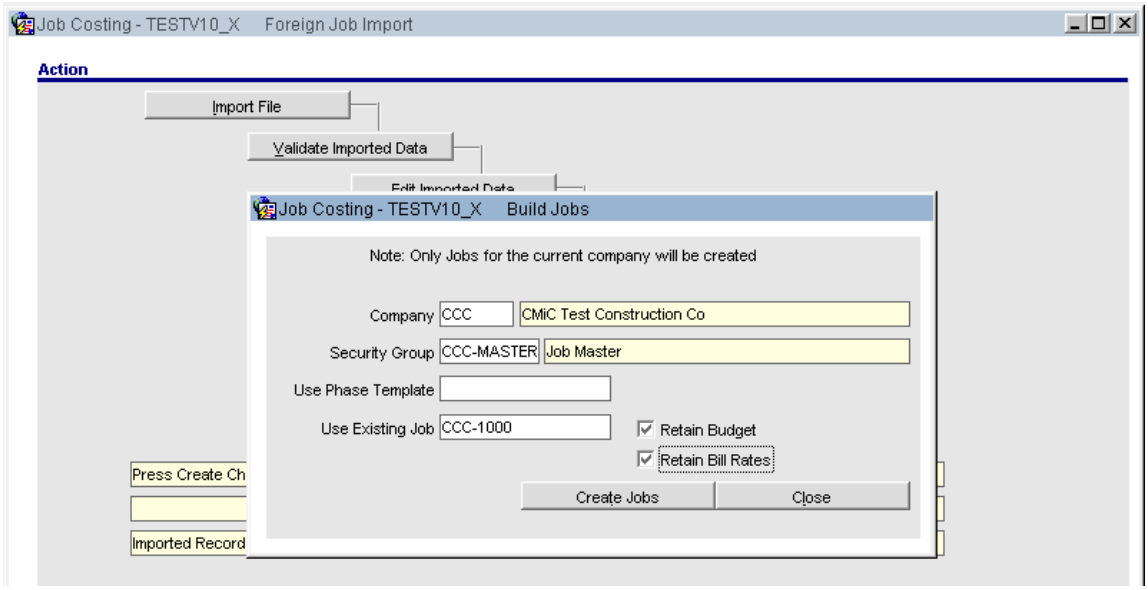

Job Costing - TESTV10_X Edit Imported Data
Valid
Record
Comp
Project Manager
Terms
Market Sector
Billing Address
Retainage Code
Work Location
Allow Trans
1 CCC NET30 Y
2 CCC NET30 Y
3 CCC NET30 Y
4 CCC NET30 Y
Project Manager List
Find %
Partner
Contact
Employee No.
Contact Name
CCC RS CCC-WK-HR2 Richard Sherman
CCC TT T TTTT
CCC VD Volodymyr Druzhynets
CCC CMIC-TRDFH Zohreh Allameh

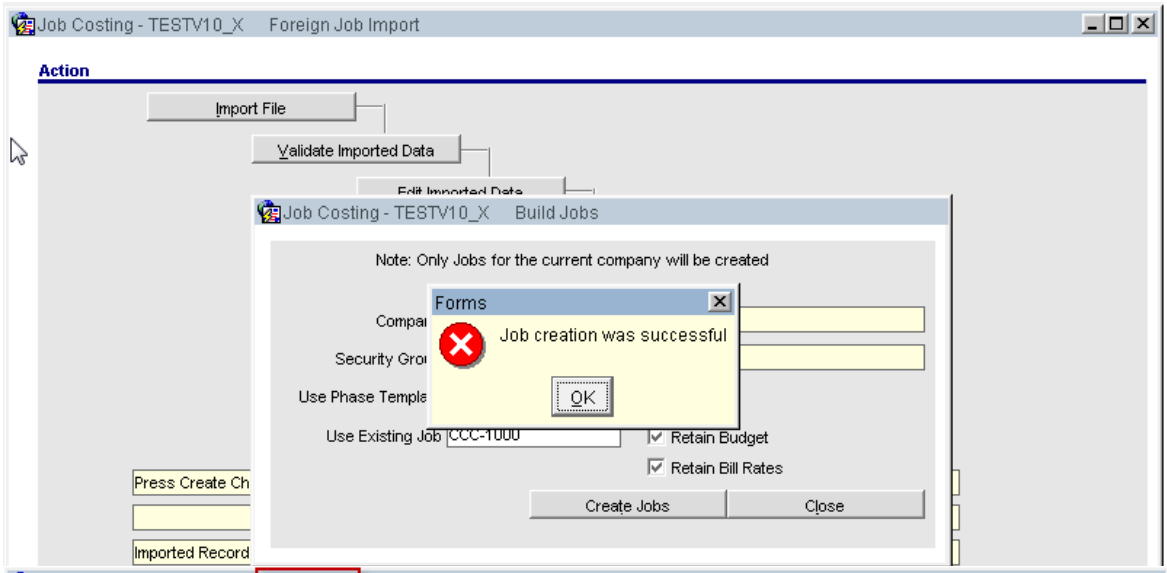

Job Costing - TESTV10_X Edit Imported Data
Valid
Record
Comp
Project Manager
Terms
Market Sector
Billing Address
Retainage Code
Work Location
Allow Trans
1 CCC RS NET30 AIRPORTS Y
2 CCC NET30 Y
3 CCC Y
4 CCC Y
Term List
Find NET%
Code
Name
NET0 Net 30 Days Ret 0% Disc 0%
NET30 Net 30 Days Ret10% Disc 2%
Job Costing - TESTV10_X Edit Imported Data
Market Sector List
Find %
Code
Name
1234567891 testformaxcharacterlengthwithinth
AIRPORTS Airports
COMMERCE Commercial
COMMERCIAL Commerical General
CORP Corporate: Office, Training, Conf.,
Job Costing - TESTV10_X Edit Imported Data
1 CCC RS NET0 AIRPORTS AD1 Y
2 CCC NET30 Y
3 CCC Y
4 CCC Y
Billing Address Type List
Find AD%
Type
Name
AD1 ad1 for vendor and cust
AD2 Main office
AD3 Main office 2
Job Costing - TESTV10_X Edit Imported Data
1 CCC RS NET0 AIRPORTS AD1 Y
2 CCC NET30 Y
3 CCC Y
4 CCC Y
Retainage List
Find RET10%
Code
Name
RET10 RET10%

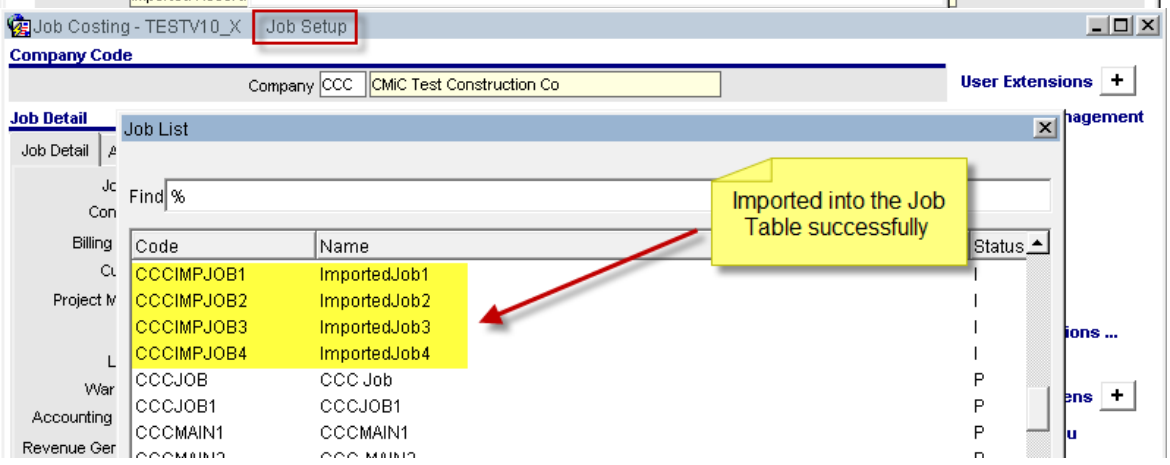

Job Costing - TESTV10_X Edit Imported Data
Valid
Record
Comp
Project Manager
Terms
Market Sector
Billing Address
Retainage Code
Work Location
Allow Trans
1 CCC RS NET0 AIRPORTS AD1 RET10 CCCH Y
2 CCC NET30 Y
3 CCC Y
4 CCC Y
Work Location List
Find %
Code
Name
CCCA California Work Location
CCCH Chicago, Illinois


Job Costing - TESTV10_X Edit Imported Data
Valid
Record
Comp
Project Manager
Terms
Market Sector
Billing Address
Retainage Code
Work Location
Allow Trans
1 CCC RS NET0 AIRPORTS AD1 RET10 CCCH Y
2 CCC NET30 Y
3 CCC NET30 Y
4 CCC NET30 Y
Allow Transactions. Valid Values are Y/N

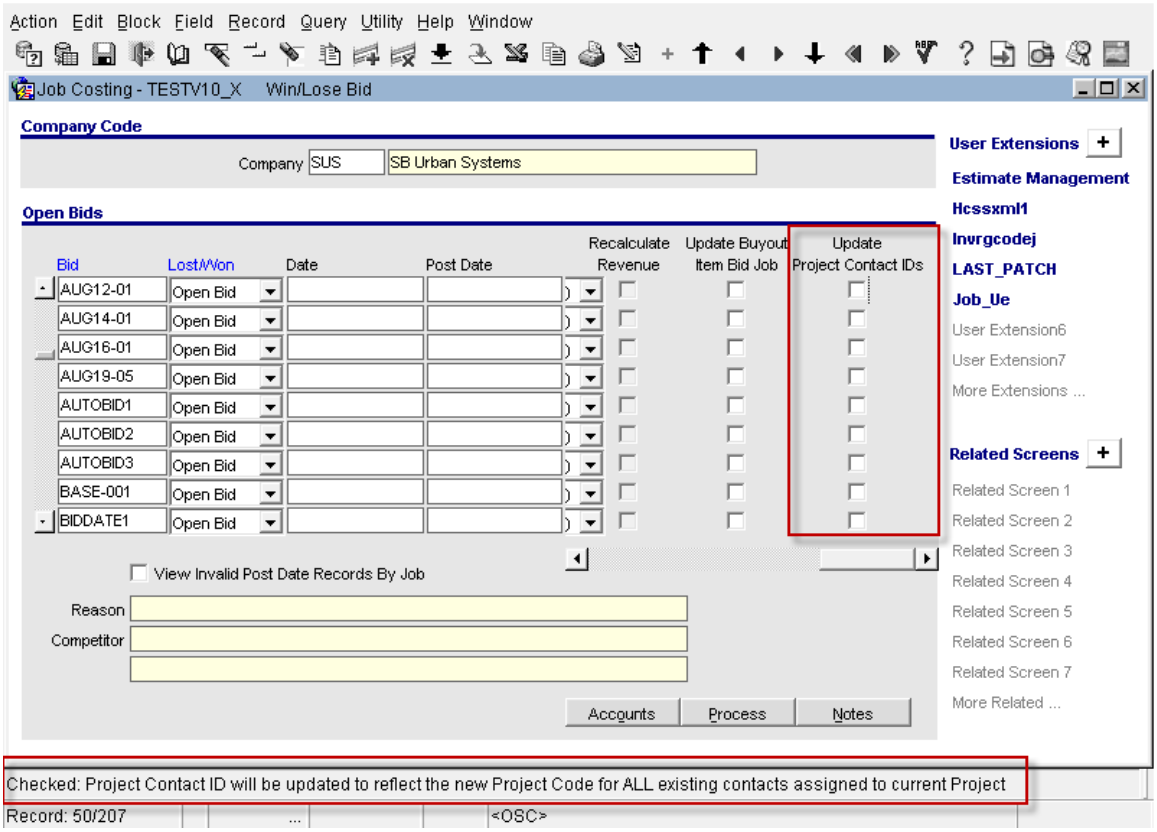

Job Costing - TESTV10_X Foreign Job Import
Action
Import File
Validate Imported Data
Edit Imported Data
Build Jobs
Delete Imported Data
Erase Import File


Job Costing - TESTV10_X Foreign Job Import
Action
Import File
Validate Imported Data
Job Costing - TESTV10_X Build Jobs
Note: Only Jobs for the current company will be created
Company CCC CMiC Test Construction Co
Security Group CCC-MASTER Job Master
Use Phase Template
Use Existing Job CCC-1000
Retain Budget
Retain Bill Rates
Create Jobs
Close
Press Create Ch
Imported Record


Job Costing - TESTV10_X Foreign Job Import
Action
Import File
Validate Imported Data
Job Costing - TESTV10_X Build Jobs
Note: Only Jobs for the current company will be created
Forms
Job creation was successful
OK
Use Existing Job CCC-1000
Retain Budget
Retain Bill Rates
Create Jobs
Close
Press Create Ch
Imported Record


Job Costing - TESTV10_X Job Setup
Company Code
Company CCC CMiC Test Construction Co
User Extensions
Job Detail
Job List
Find %
Imported into the Job Table successfully
Code Name Status
CCCIMPJOB1 ImportedJob1
CCCIMPJOB2 ImportedJob2
CCCIMPJOB3 ImportedJob3
CCCIMPJOB4 ImportedJob4
CCCJOB CCC Job
CCCJOB1 CCCJOB1
CCCMAIN1 CCCMAIN1
Billing
Accounting
Revenue Ger

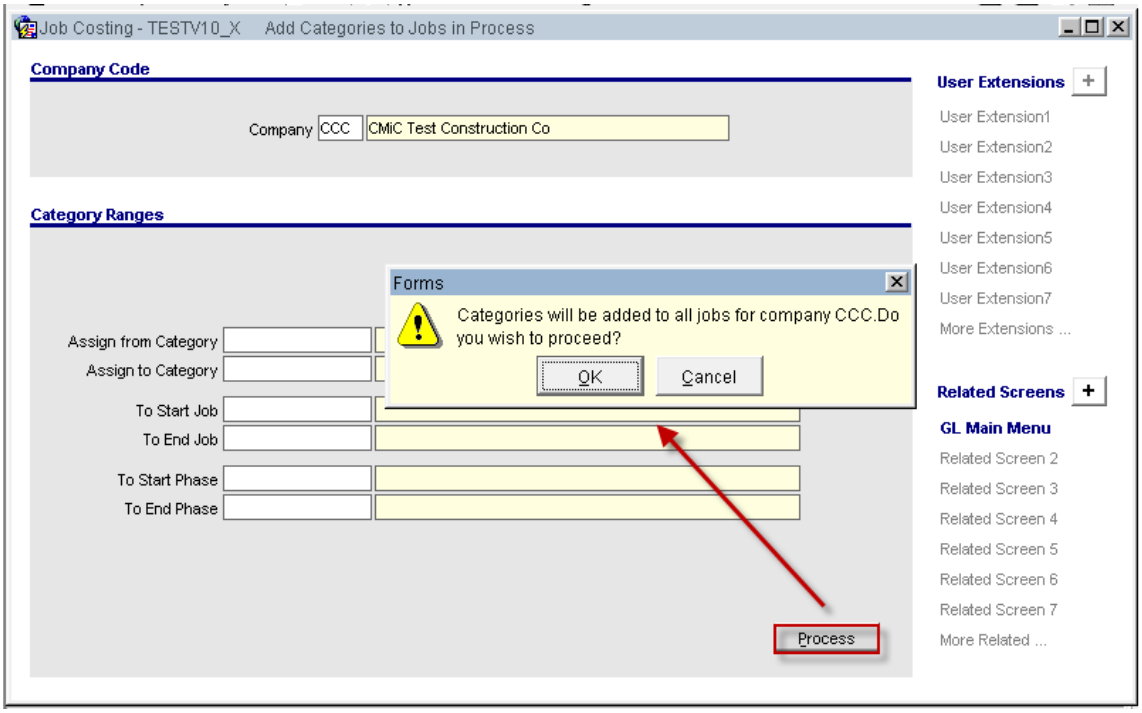
Win/Lose Bid – Update Project Contact Id (12.71934)



Added a new flag "**Update Project Contact ID's**" to the JC Win/Lose Bid screen. When this flag is checked, all Project Contact ID's on the associated project will be updated with the new job code (also project code) that is entered in the Actual Job field of the win/lose bid screen. This is done to ensure any I/O emails sent will reflect the new project code. The default setting of the flag is 'un-checked' to maintain previous functionality.

NOTE: If there are any unprocessed I/O emails sitting in the I/O inbox which are for the contacts where Project Contact ID has changed, they will result in an error. It is not feasible to make the programming modification address these outstanding I/O's with the old project contact ID.

Add Categories to Jobs in process - 'Process' alert message
(14.93367)



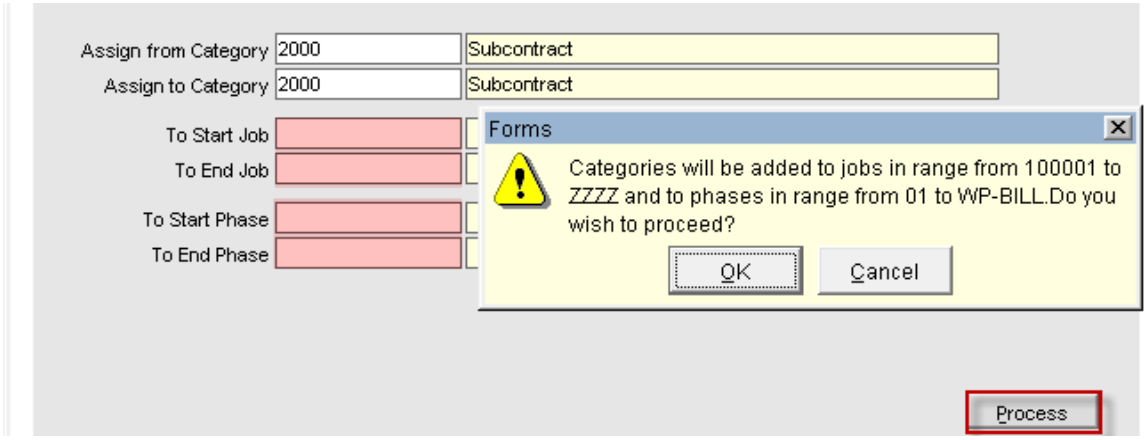
JC>Job>Add Categories To Jobs In Process (jcaddcat.fmx)

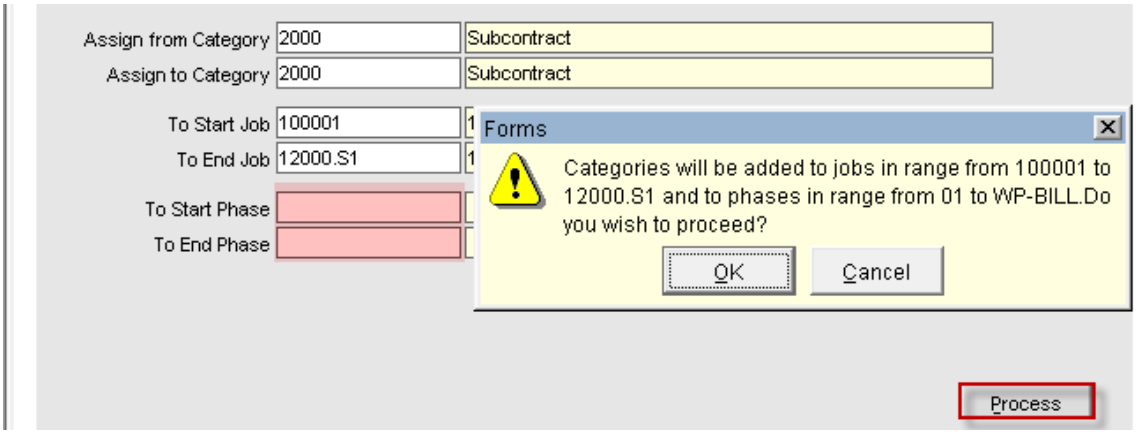
An alert message will popup when users press the 'Process' button in the 'Add Categories to Jobs in Process' form. Users have to pay attention to the message and press 'OK' to proceed or 'Cancel' to abort.

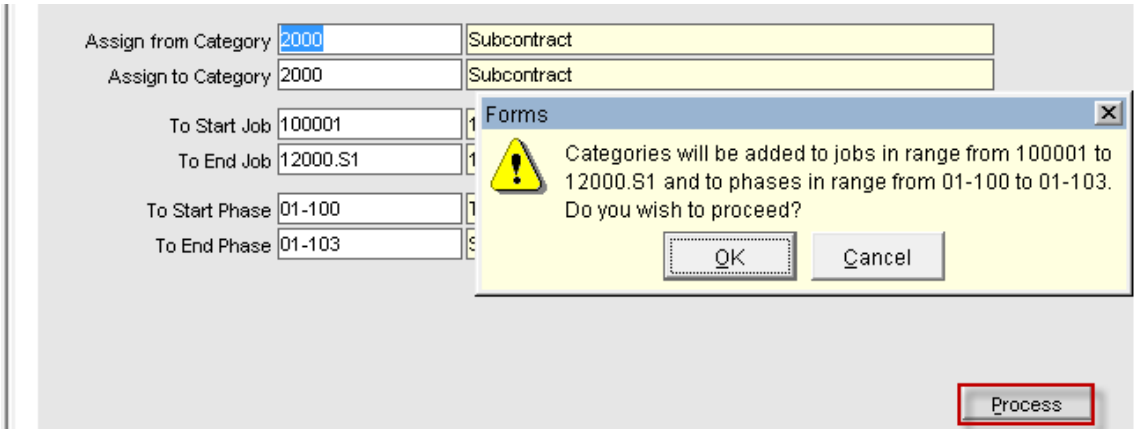
The message will also indicate the jobs in range and/or phases in range that will be updated.

This is to avoid unwanted update of large number of jobs when the fields are left blank.

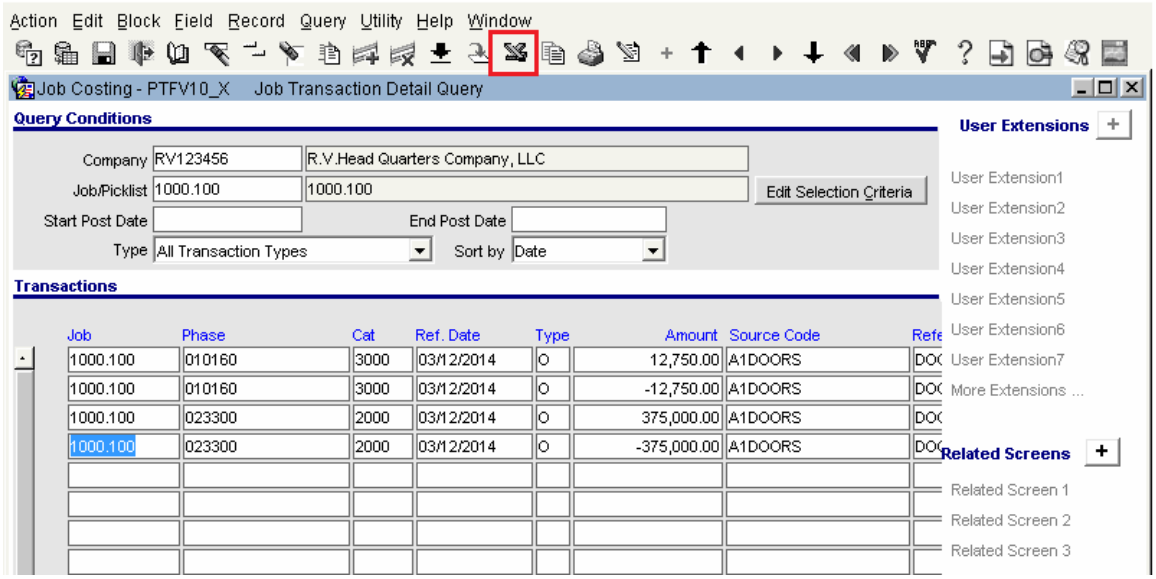
The following screens show the messages with jobs/phases in range as selected by the users.

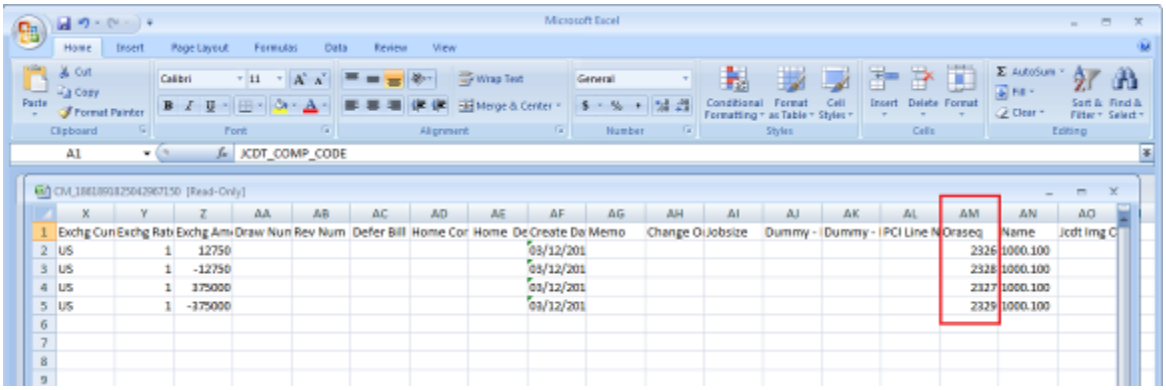






JC Transaction Query – MS Excel Export to include JCDT_ORASEQ column (14.95379)





The JC Transaction Query Screen is modified to export the JCDT_ORASEQ column when sending the query results to MS Excel.

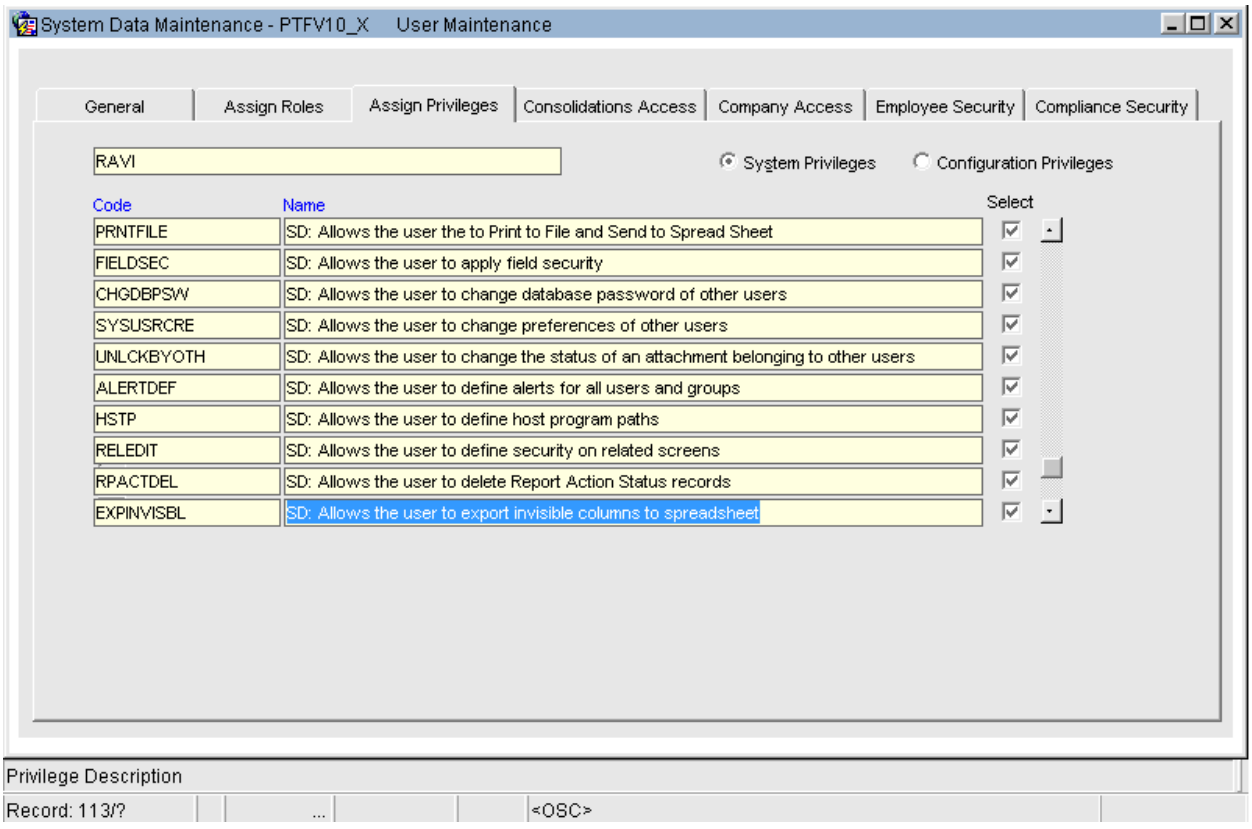
Excel Export Security:

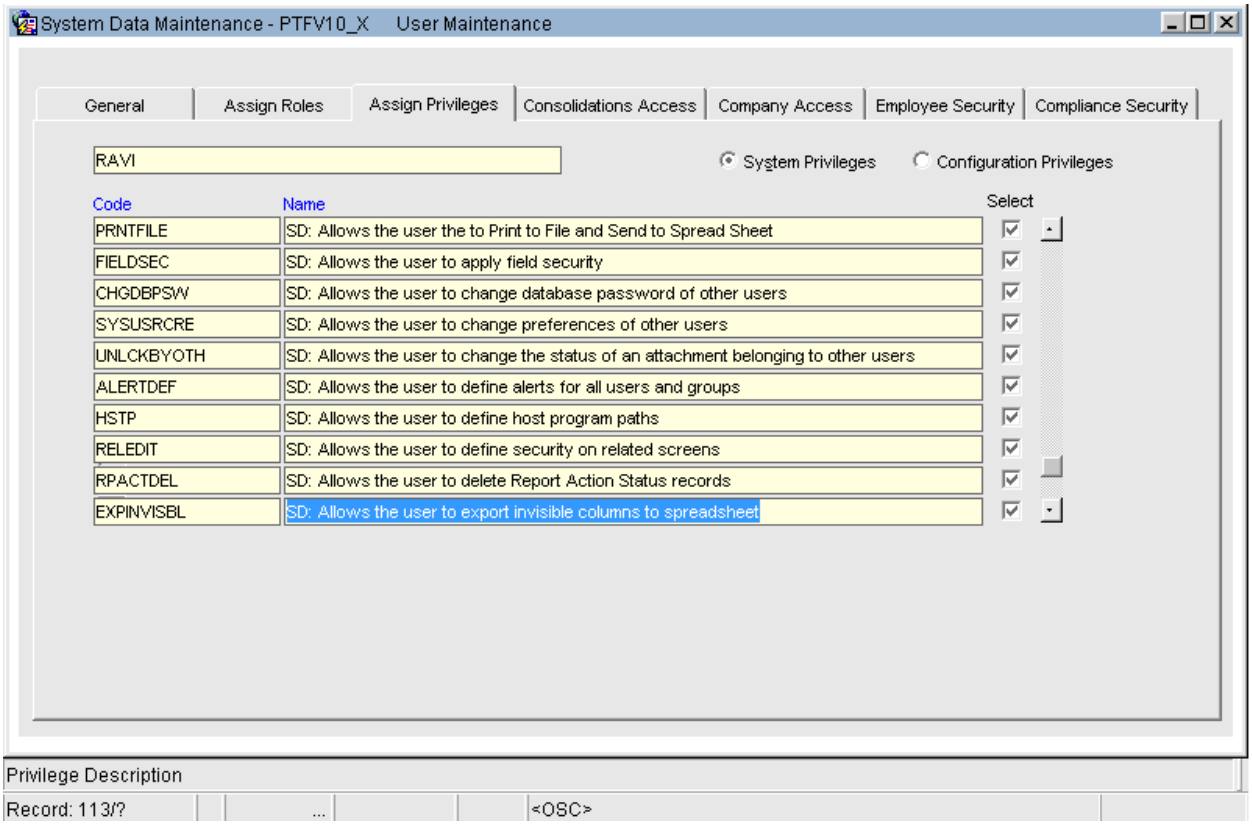
The export of columns that are NOT visible in the query form is secured by user privilege 'EXPINVISBL'. Users must ensure that the privilege is set as 'Y' in order to successfully export the newly added columns.

Excel Export Security:

The export of columns that are NOT visible in the query form is secured by user privilege 'EXPINVISBL'.

Users must ensure that the privilege is set as 'Y' in order to successfully export the newly added columns.





WIP - Modifications to process Job Losses as per GAAP (14.96492)

WIP calculation & processing to conform to GAAP* requirements as outlined by FASB®, related to anticipated losses on Job Billing Contracts.

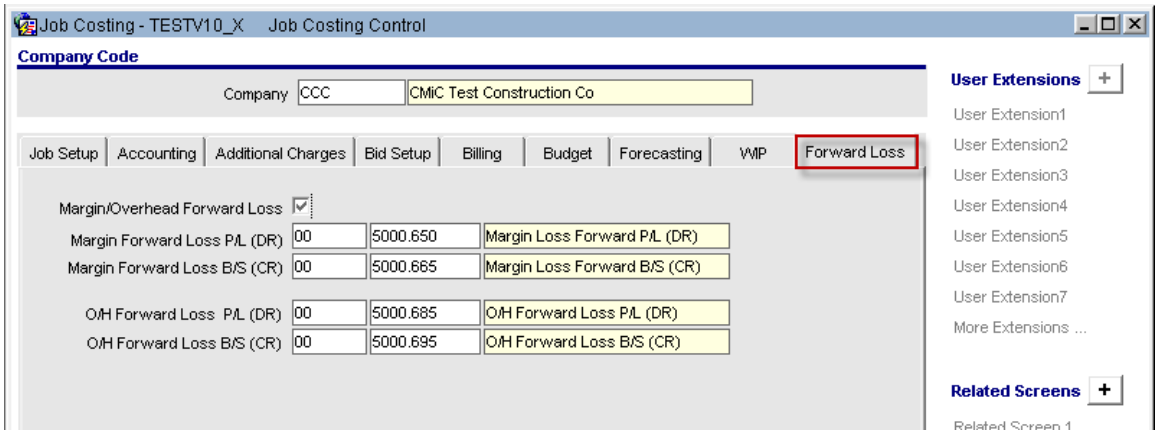
* GAAP - Generally Accepted Accounting Principles

FASB® - Financial Accounting Standards Board

1. JC Company Control:

An Option to set default departments and accounts for the purpose of calculation and posting to report anticipated losses. These values will be defaulted into Job Maintenance > WIP Tab.

Note that a new tab [Forward Loss] is added for this purpose.

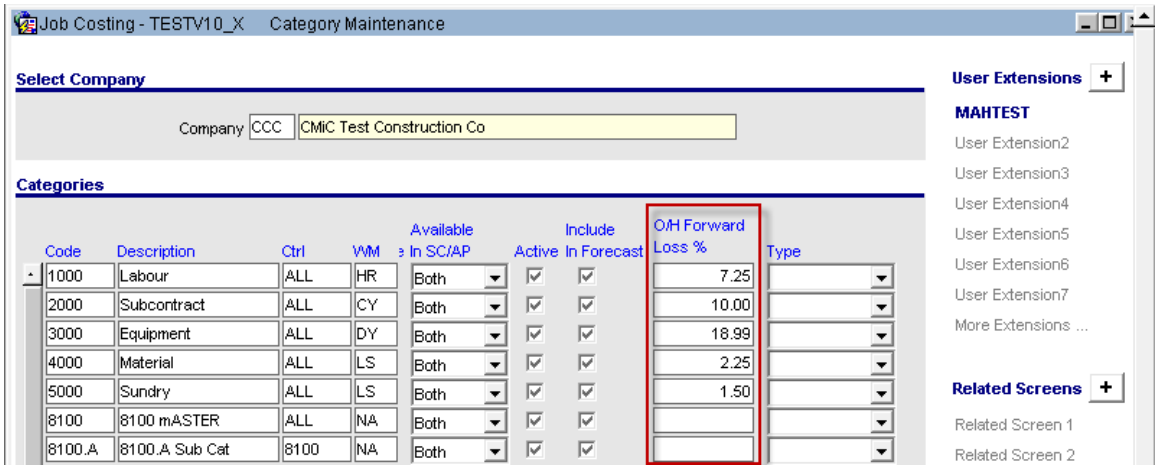


JC > Setup > Local Tables > JC Control File

Users must note that, this is applicable for new jobs only and all existing jobs will have null values and if needed users must update the job file accordingly.

2. Category Maintenance:

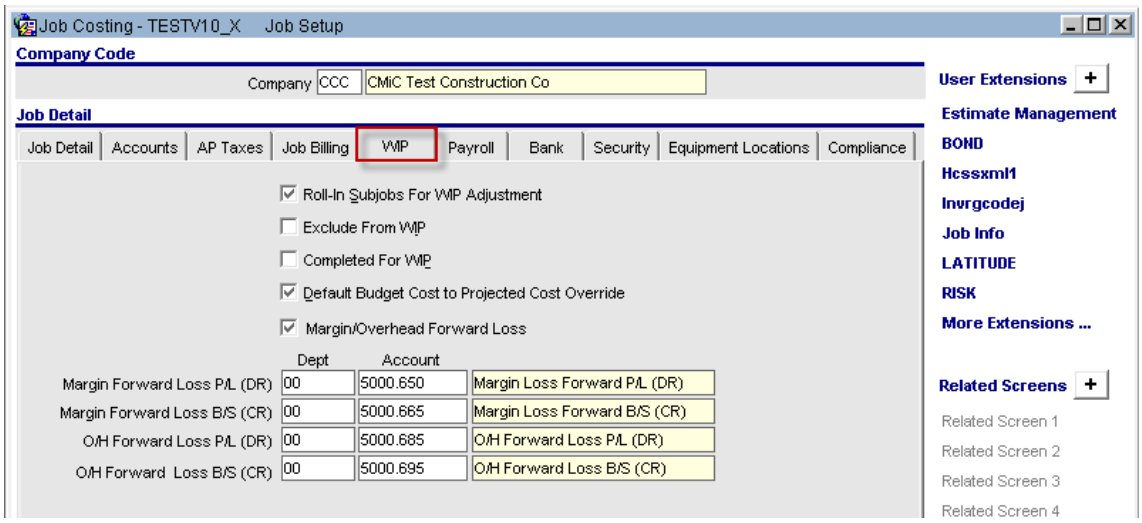
Added a column to set the default Overhead Forward Loss % if applicable. This will be defaulted when assigning phases/categories to a job in 'Assign Phases screen'.



JC > Setup > Local Tables > Category Maintenance

3. Job Maintenance:

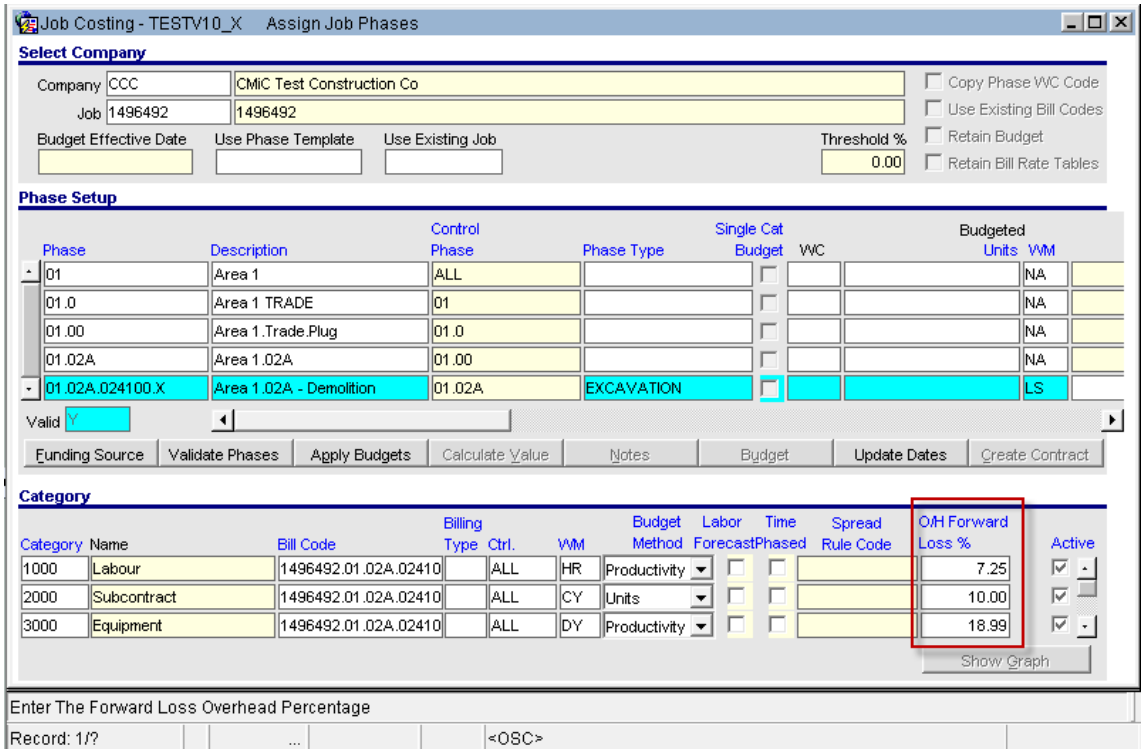
The WIP Tab is modified with a check box option and set of fields for departments/accounts. When creating a new job, the JC Control values for these fields will be defaulted, which may be overridden by users.



JC > Job> Enter Job

4. Assign Phases Screen:

A new column 'Loss O/H %' is added to the 'Category' block. When assigning phases/categories to a job either manually or using templates, the values from Category maintenance will be defaulted and may be overridden by users.



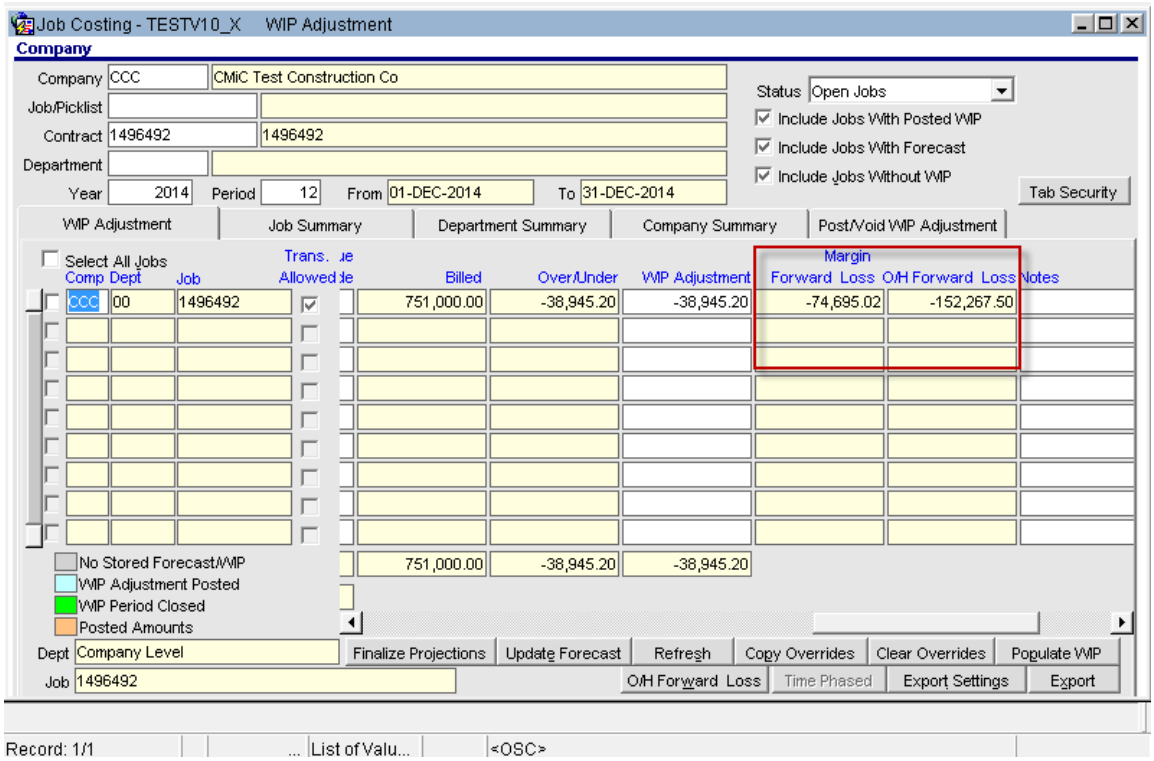
JC > Job> Assign Phases

5. WIP Screen:

Two new display only columns were added to WIP Screen

- Margin Forward Loss

- O/H(Overhead) Forward Loss



Margin Forward Loss:

This is calculated only when a job is in **'loss'** position.

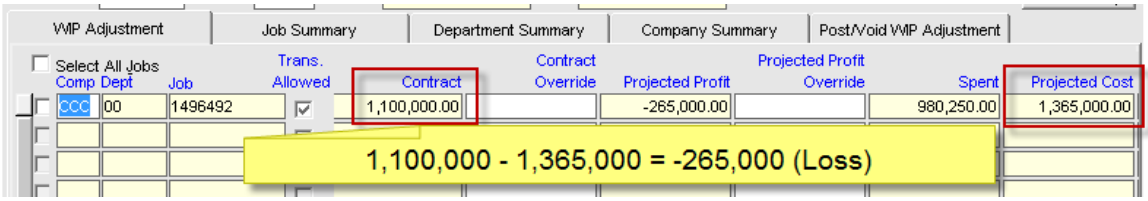
> Margin Forward Loss = (1 - % Complete Override(if not %Complete))* Project (Job) Loss.
>
> Project (Job)Loss = Contract Override Amount (if not then Contract Amount) - Projected Cost Override (if not then Projected Cost)

When WIP is posted, separate GL transactions will be generated, which will be directed to the specified dept/accounts setup in job level.

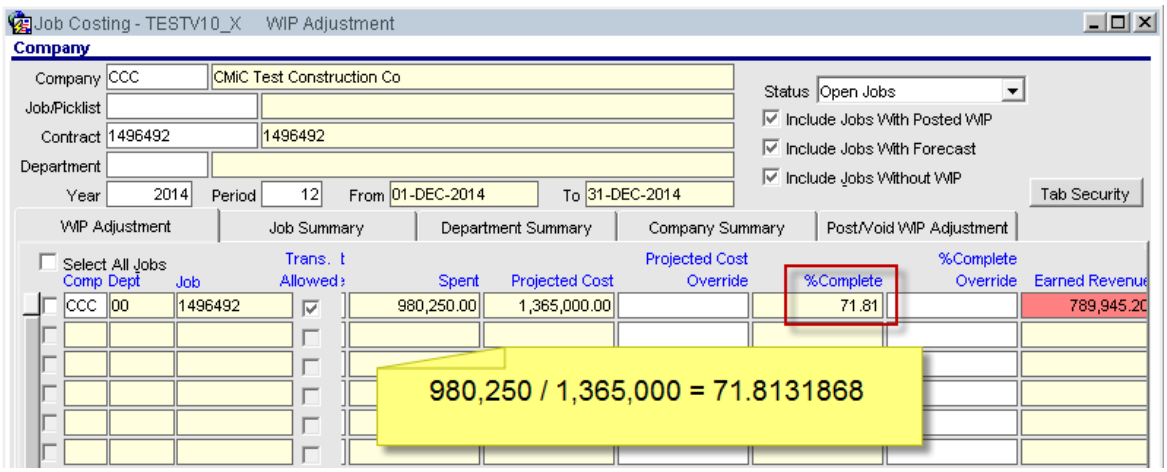
- Margin Forward Loss P/L (DR)
- Margin Forward loss B/S (CR)

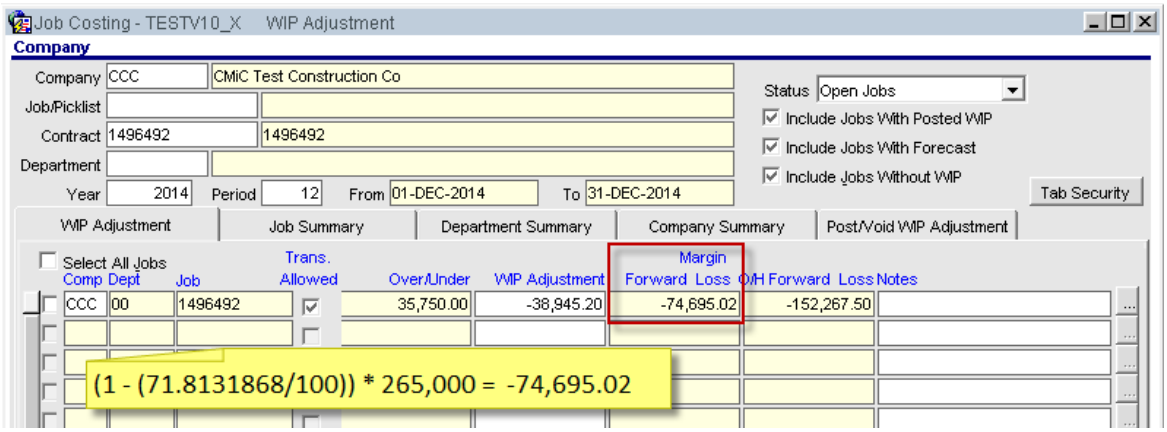
Example Calculation from the above screen:

Project (Job Loss):



Margin Forward Loss = (1 - (71.8131868/100)) * 265,000 = -74,695.02

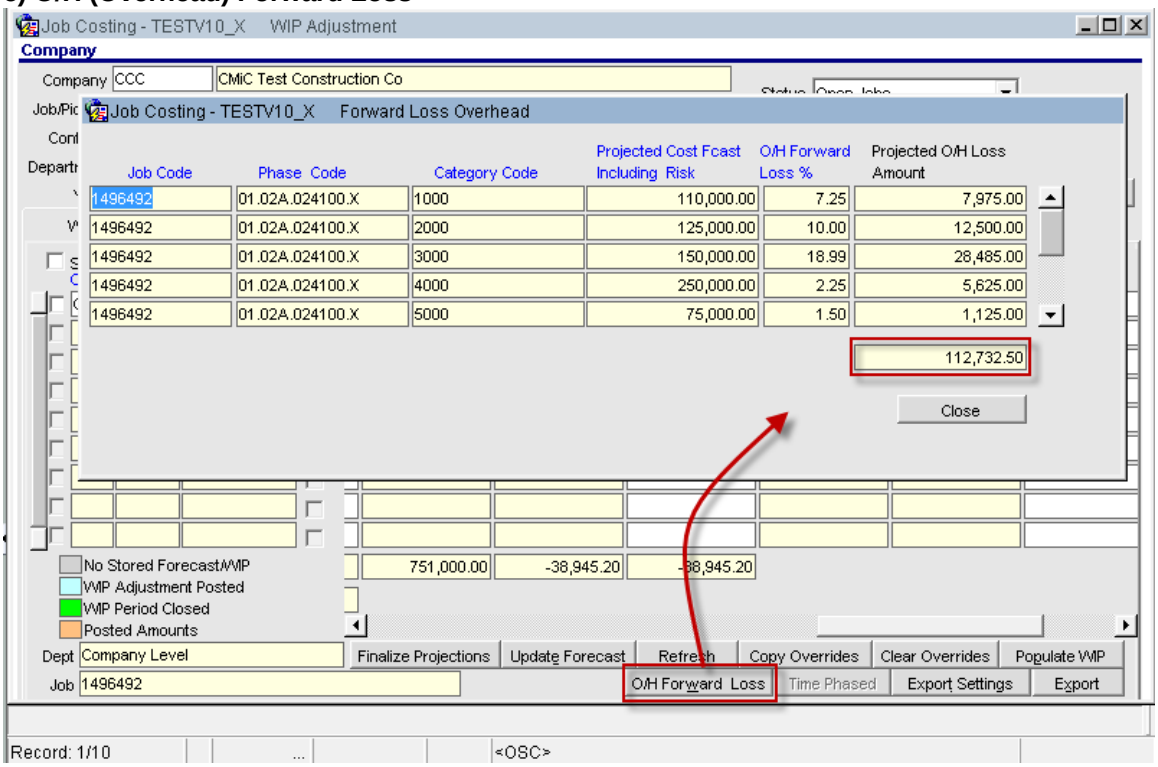




Users must note that, this column will NOT have a value, when the job is NOT in a loss position.

When, overriding the WIP values, the values of these loss column will be recalculated by the system.

c) O/H (Overhead) Forward Loss



Total Overhead Amount = Sum of (Project Cost Forecast (including risk) *O/H Loss%) at all phase/category levels.

If the job is in '**loss**' position, then

O/H Forward Loss = Total Overhead Amount + Project Loss .

This amount will be posted to GL and directed to the specified O/H Loss dept and accounts.

If the job is not in loss position then check if,

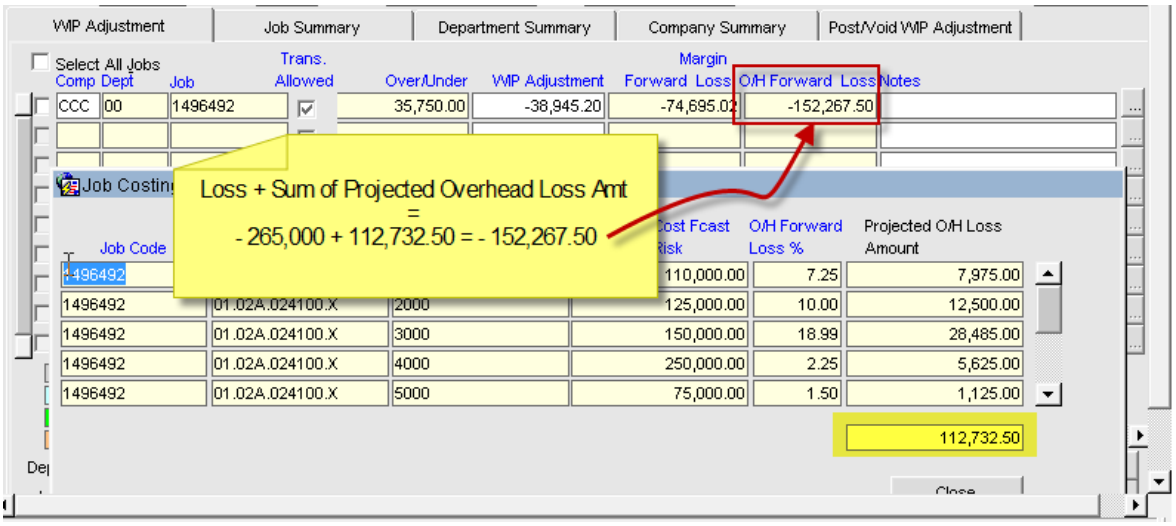
Project (Job) Profit Override (if not Project (Job) Profit) –Total Overhead Amount is greater or less than zero.

If less than zero,

then this amount (Profit – Total Amount) will be posted to GL and directed to specified OH Loss dept/accounts.

If greater than zero,

then NO overhead forward loss is posted.



Implementation & Process Flow:

19. Set the JC Control flag as 'Checked' for calculating and posting the Margin/Overhead Forward Losses when processing WIP.
20. Enter the default department and accounts for the WIP Margin / Overhead Forward Loss fields.
21. In Category Maintenance, specify the Overhead Loss % value against the required categories.
22. Create a job and verify that the WIP tab, Margin/Overhead Forward Loss flag value and departments and accounts are defaulted. Users may override the values as required at job level.
23. When assigning phases/categories to the job, verify that the Overhead Loss % values are defaulted from category maintenance. Users may override the values as required.
24. WIP Entry/Posting - Two new columns to calculate and display Margin Forward Loss and Overhead Forward Loss values are added. A button **'O/H Forward Loss'** is added to show the details of calculated Overhead Amount and the sum.
25. During WIP posting, the following GL transactions will be additionally posted, to show the projected loss on a job.

Margin Forward Loss P/L* (DR)

Margin Forward loss B/S** (CR)

and if applicable,

Overhead Forward Loss P/L (DR)

Overhead Forward Loss B/S (CR)

26. Calculation logic behind the newly created column values for reporting losses if any.

* P/L = Profit / Loss

** B/S =Balance Sheet

a) 'Earned Revenue' column calculation:

Earned Revenue = %Complete * Contract Amount

(Overridden values will be used if exists)

b) Margin Forward Loss calculation:

This is calculated only when a job is in **'loss'** position.

Margin Forward Loss = (1 - % Complete Override (if not %Complete))* Project (Job) Loss.

Project (Job) Loss = Contract Override Amount (if not then Contract Amount) - Projected Cost Override (if not then Projected Cost)

When WIP is posted, separate GL transactions will be generated, which will be directed to the specified dept/accounts setup in job level.

c) O/H (Overhead) Forward Loss

Total Overhead Amount = Sum of (Project Cost Forecast (including risk) *O/H Loss %) at all phase/category levels.

If the job is in **'loss'** position, then

O/H Forward Loss = Total Overhead Amount + Project Loss.

This amount will be posted to GL and directed to the specified O/H Loss dept and accounts.

If the job is not in loss position then check if,

Project (Job) Profit Override (if not Project (Job) Profit) –Total Overhead Amount is greater or less than zero.

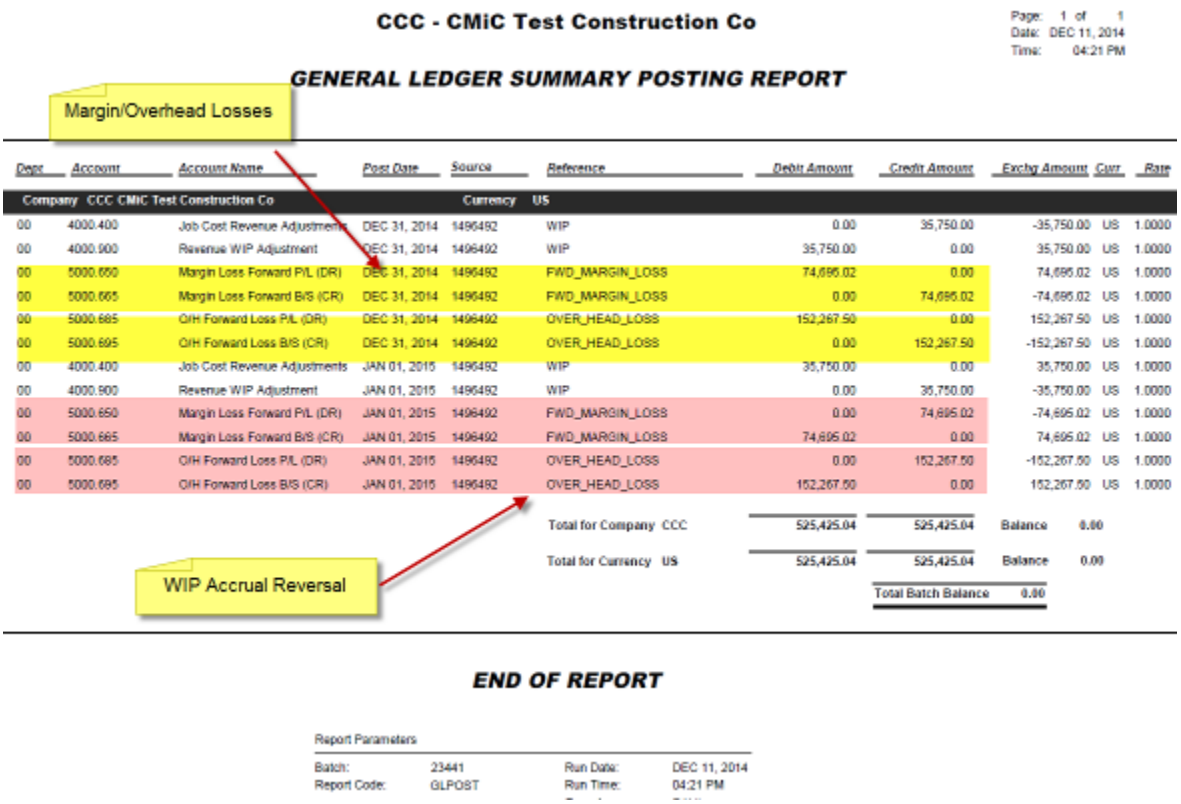
If is less than zero,

then this amount (Profit – Total Overhead Amount) will be posted to GL and directed to specified OH Loss dept/accounts.

If greater than zero,

then NO overhead forward loss is posted.

The WIP Posting Report:



CCC - CMiC Test Construction Co

Page: 1 of 1
Date: DEC 11, 2014
Time: 04:21 PM

GENERAL LEDGER SUMMARY POSTING REPORT

Margin/Overhead Losses

Dept	Account	Account Name	Post Date	Source	Reference	Debit Amount	Credit Amount	Exchg Amount	Curr	Rate
Company CCC CMiC Test Construction Co				Currency US						
00	4000.400	Job Cost Revenue Adjustments	DEC 31, 2014	1496492	WIP	0.00	35,750.00	-35,750.00	US	1.0000
00	4000.900	Revenue WIP Adjustment	DEC 31, 2014	1496492	WIP	35,750.00	0.00	35,750.00	US	1.0000
00	5000.650	Margin Loss Forward P/L (DR)	DEC 31, 2014	1496492	FWD_MARGIN_LOSS	74,695.02	0.00	74,695.02	US	1.0000
00	5000.665	Margin Loss Forward B/S (CR)	DEC 31, 2014	1496492	FWD_MARGIN_LOSS	0.00	74,695.02	-74,695.02	US	1.0000
00	5000.685	O/H Forward Loss P/L (DR)	DEC 31, 2014	1496492	OVER_HEAD_LOSS	152,267.50	0.00	152,267.50	US	1.0000
00	5000.695	O/H Forward Loss B/S (CR)	DEC 31, 2014	1496492	OVER_HEAD_LOSS	0.00	152,267.50	-152,267.50	US	1.0000
00	4000.400	Job Cost Revenue Adjustments	JAN 01, 2015	1496492	WIP	35,750.00	0.00	35,750.00	US	1.0000
00	4000.900	Revenue WIP Adjustment	JAN 01, 2015	1496492	WIP	0.00	35,750.00	-35,750.00	US	1.0000
00	5000.650	Margin Loss Forward P/L (DR)	JAN 01, 2015	1496492	FWD_MARGIN_LOSS	0.00	74,695.02	-74,695.02	US	1.0000
00	5000.665	Margin Loss Forward B/S (CR)	JAN 01, 2015	1496492	FWD_MARGIN_LOSS	74,695.02	0.00	74,695.02	US	1.0000
00	5000.685	O/H Forward Loss P/L (DR)	JAN 01, 2015	1496492	OVER_HEAD_LOSS	0.00	152,267.50	-152,267.50	US	1.0000
00	5000.695	O/H Forward Loss B/S (CR)	JAN 01, 2015	1496492	OVER_HEAD_LOSS	152,267.50	0.00	152,267.50	US	1.0000
					Total for Company CCC	525,425.04	525,425.04	Balance 0.00		
					Total for Currency US	525,425.04	525,425.04	Balance 0.00		
							Total Batch Balance	0.00		

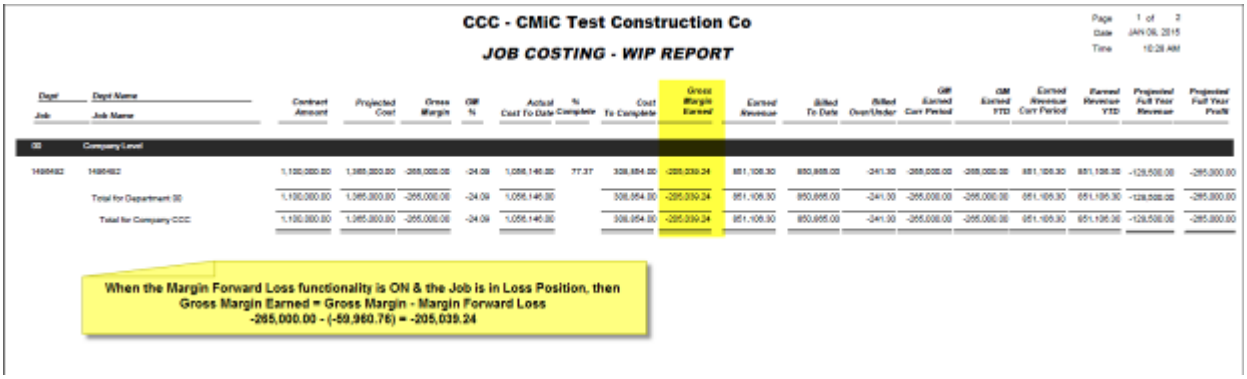
WIP Accrual Reversal

END OF REPORT

Report Parameters

Batch:	23441	Run Date:	DEC 11, 2014
Report Code:	GLPOST	Run Time:	04:21 PM

JC WIP Report (JCWIPREP.rep):



CCC - CMiC Test Construction Co

JOB COSTING - WIP REPORT

When the Margin Forward Loss functionality is ON & the Job is in Loss Position, then
Gross Margin Earned = Gross Margin - Margin Forward Loss
-265,000.00 - (-59,960.76) = -205,039.24

Calculations used in 'Gross Margin Earned' Column:

When the Margin Forward Loss functionality is ON & the Job is in Loss Position, then:

Gross Margin Earned = Gross Margin - Margin Forward Loss

(-265,000.00 - (-59,960.76)) = **-205,039.24**

When the Margin Forward Loss functionality is ON & but the Job is in NOT in Loss, then:

The functionality stays with standard calculation as

Gross Margin Earned = Gross Margin X % Complete

When the Margin Forward Loss functionality is OFF then (Current Functionality Applies):

When in Loss,

Gross Margin Earned = Gross Margin

When NOT in Loss (in Profit),

Gross Margin Earned = Gross Margin X % Complete

Calculation of the Margin Forward Loss in the report above:

The Job is in '**loss**' position, and hence,

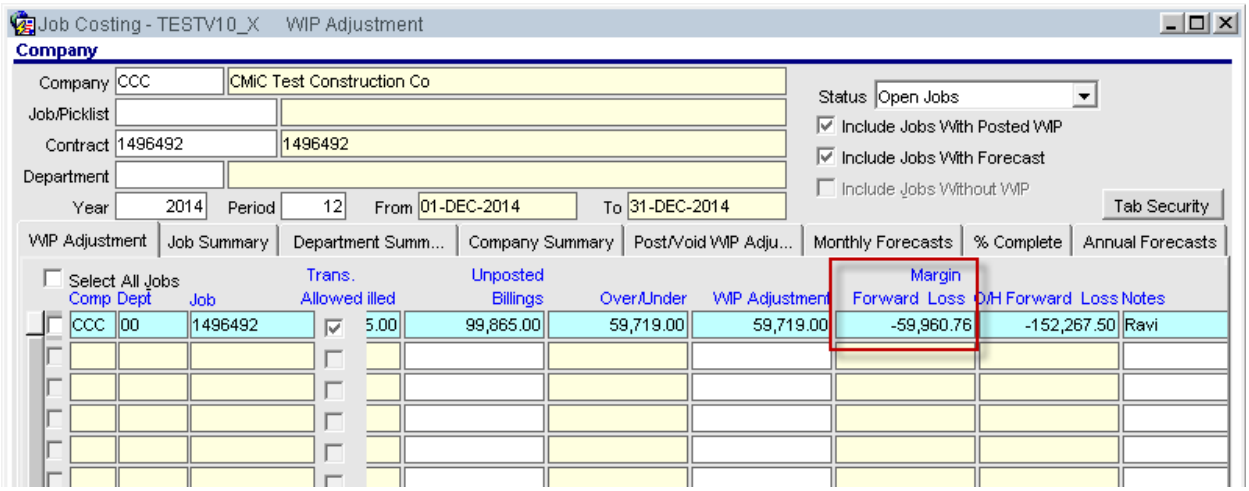
Project (Job)Loss = Contract Override Amount (if not then Contract Amount) - Projected Cost Override (if not then Projected Cost)

= 1,100,000.00 - 1,365,000.00

= -265,000.00

Margin Forward Loss = (1 - % Complete Override(if not %Complete))* Project (Job) Loss.

= - 59,960.76



Appendix: <u>Guidelines & Requirements:</u>

The following recommendations are from the web page link as attached by the customer on the issue.

https://law.resource.org/pub/us/code/bean/fasb.html/fasb.605.2011.html

605-35-45 Other Presentation Matters

General

> Provisions for Anticipated Losses on Contracts

45-1

The provision for loss arises because estimated cost for the contract exceeds estimated revenue. Consequently, the provision for loss shall be accounted for in the income statement as an additional contract cost rather than as a reduction of contract revenue, which is a function of contract price, not cost. Unless the provision is material in amount or unusual or infrequent in nature, the provision shall be included in contract cost and shall not be shown separately in the income statement. If it is shown separately, it shall be shown as a component of the cost included in the computation of gross profit.

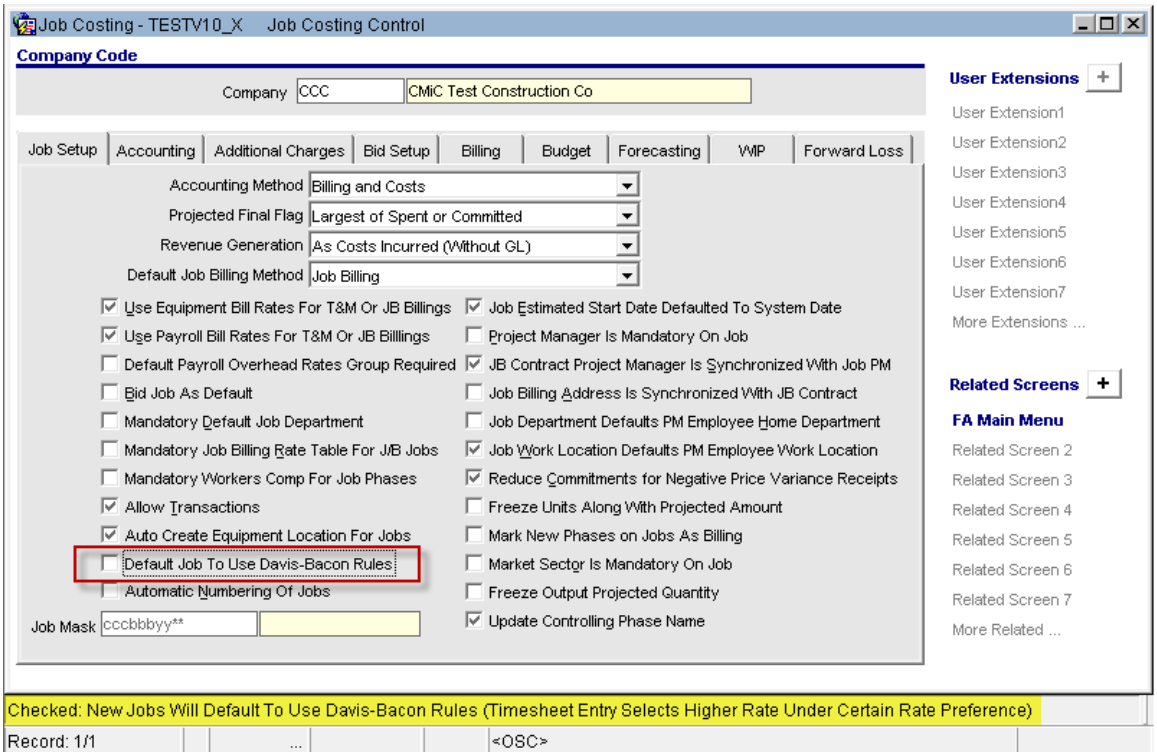
187

45-2

Provisions for losses on contracts shall be shown separately as liabilities on the balance sheet, if significant, except in circumstances in which related costs are accumulated on the balance sheet, in which case the provisions may be deducted from the related accumulated costs. In a classified balance sheet, a provision shown as a liability shall be shown as a current liability.

****

Job Entry - flag to apply Davis-bacon Rule in Payroll (14.93094)



JC>Setup>Local Tables>Control File

To provide the functionality to make the Davis-Bacon flag* default for all new jobs.

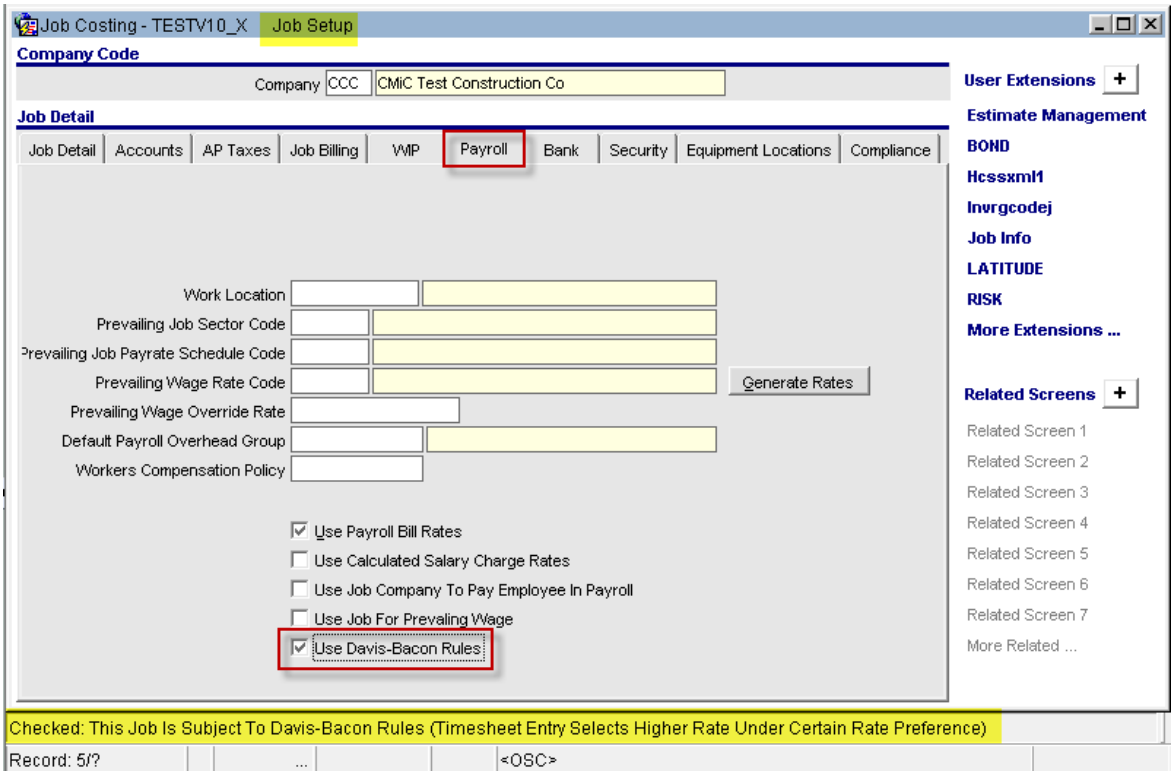
(*New jobs will default to use Davis-Bacon Rules)

The JC Control > Job Setup tab is modified with the addition of a checkbox 'Default Job To Use Davis-Bacon Rules'.

The default value is set as 'N'.

Users may check the flag (Y) and the value will be a default when creating a new job under the same company.

Job Setup Form:



JC>Job>Enter Job >Payroll Tab

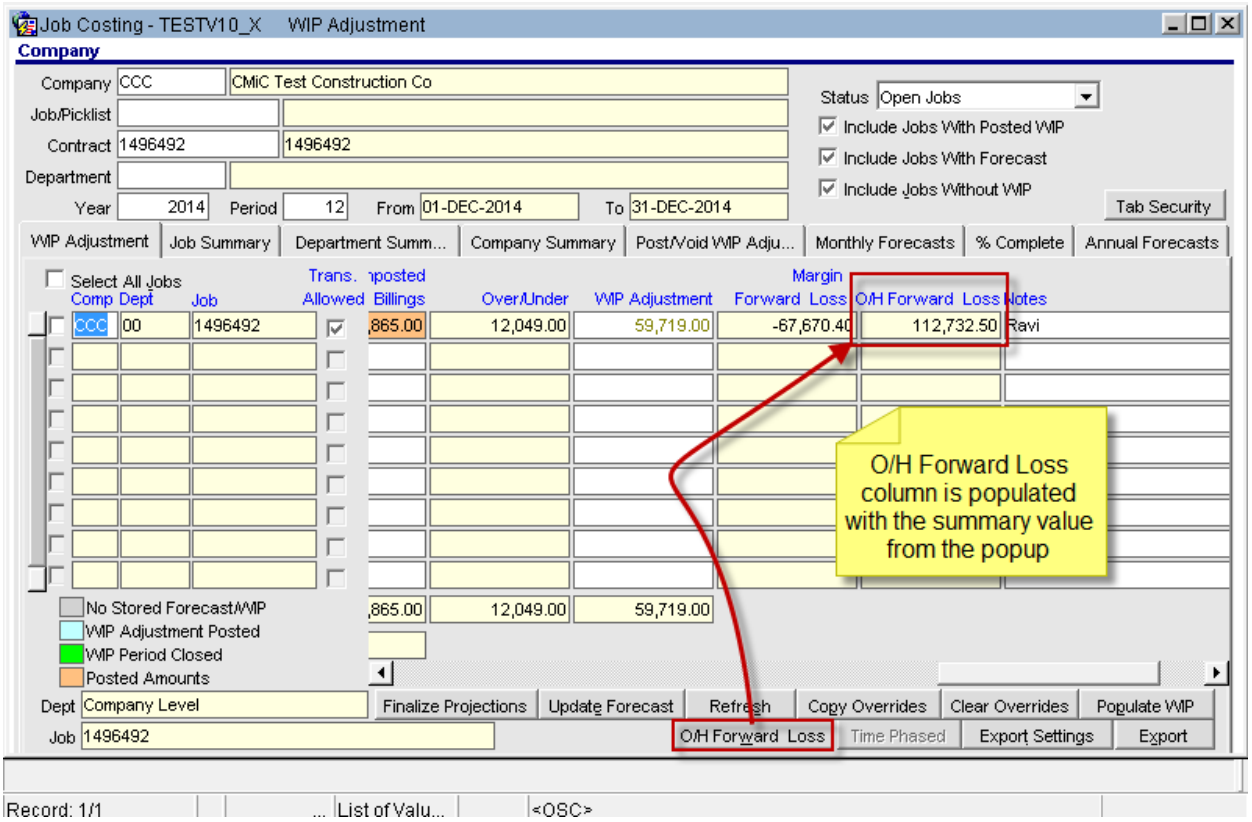
The Job Entry Form > Payroll tab is modified with the addition of a check box 'Use Davis-Bacon Rules, which inherits the value from the JC Control file, when creating a new job.

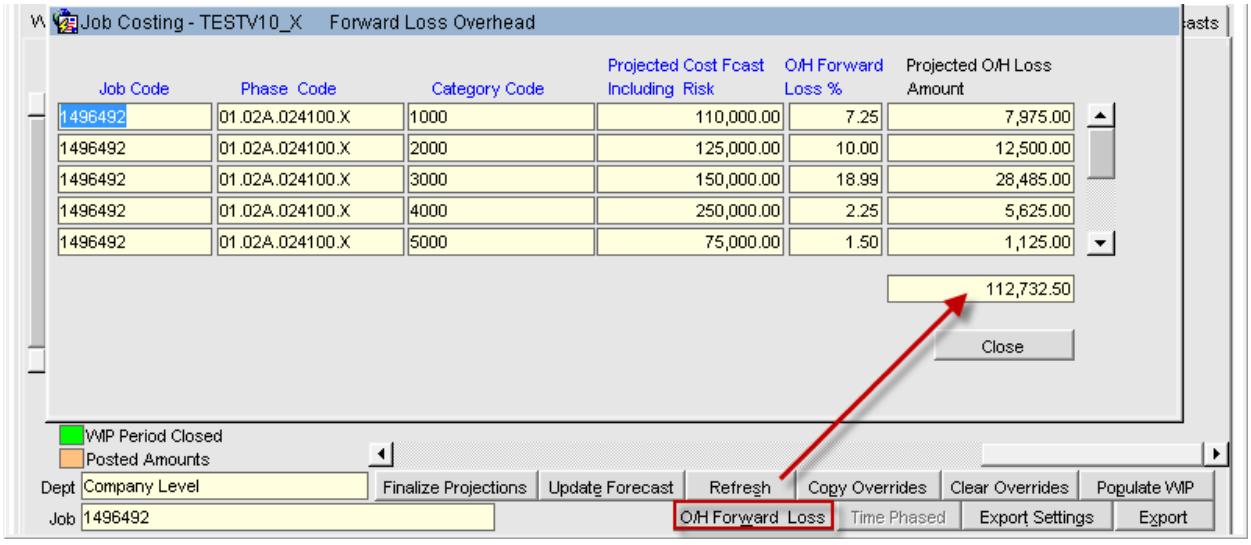
The effect of this modification can only be seen in Payroll where during Timesheet Entry, the program selects a higher rate under specific rate preference.

WIP - O/H Forward Loss changes from previous release (14.96492)

Modified O/H Forward Loss column value in WIP Entry screen, to be populated from the 'Total Amount' under OH forward loss pop up window, provided the following conditions are met.

Regardless of whether a job is in Loss or NOT, do the following.
--check if
Projected Profit Override (if not Projected Profit) -Total Amount is greater or less than zero.
If is less than zero and Total Amount <> 0
then
OH Forward Loss=Total Amount (Posting process will post to GL)
else
OH Forward Loss= 0(nothing to post.)





The Summary value from 'projected O/H Loss Amount will be brought forward to the WIP Entry main screen.

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Page: 1 of 1
Date: JAN 27, 2015
Time: 03:05 PM

GENERAL LEDGER SUMMARY POSTING REPORT

Dept	Account	Account Name	Post Date	Source	Reference	Debit Amount	Credit Amount	Exchg Amount	Curr	Rate
Company	**CCC**	**CMiC Test Construction Co**		**Currency**	**US**					
00	4000.400	Job Cost Revenue Adjustments	DEC 31, 2014	1496492	WIP	0.00	12,049.00	-12,049.00	US	1.0000
00	4000.900	Revenue WIP Adjustment	DEC 31, 2014	1496492	WIP	12,049.00	0.00	12,049.00	US	1.0000
00	5000.650	Margin Loss Forward P/L (DR)	DEC 31, 2014	1496492	FWD_MARGIN_LOSS	67,670.40	0.00	67,670.40	US	1.0000
00	5000.665	Margin Loss Forward B/S (CR)	DEC 31, 2014	1496492	FWD_MARGIN_LOSS	0.00	67,670.40	-67,670.40	US	1.0000
00	5000.685	O/H Forward Loss P/L (DR)	DEC 31, 2014	1496492	OVER_HEAD_LOSS	0.00	112,732.50	-112,732.50	US	1.0000
00	5000.695	O/H Forward Loss B/S (CR)	DEC 31, 2014	1496492	OVER_HEAD_LOSS	112,732.50	0.00	112,732.50	US	1.0000
00	4000.400	Job Cost Revenue Adjustments	JAN 01, 2015	1496492	WIP	12,049.00	0.00	12,049.00	US	1.0000
00	4000.900	Revenue WIP Adjustment	JAN 01, 2015	1496492	WIP	0.00	12,049.00	-12,049.00	US	1.0000
00	5000.650	Margin Loss Forward P/L (DR)	JAN 01, 2015	1496492	FWD_MARGIN_LOSS	0.00	67,670.40	-67,670.40	US	1.0000
00	5000.665	Margin Loss Forward B/S (CR)	JAN 01, 2015	1496492	FWD_MARGIN_LOSS	67,670.40	0.00	67,670.40	US	1.0000
00	5000.685	O/H Forward Loss P/L (DR)	JAN 01, 2015	1496492	OVER_HEAD_LOSS	112,732.50	0.00	112,732.50	US	1.0000
00	5000.695	O/H Forward Loss B/S (CR)	JAN 01, 2015	1496492	OVER_HEAD_LOSS	0.00	112,732.50	-112,732.50	US	1.0000
					Total for Company CCC	**384,903.80**	**384,903.80**	**Balance 0.00**		
					Total for Currency US	**384,903.80**	**384,903.80**	**Balance 0.00**		
							Total Batch Balance	**0.00**		

END OF REPORT

Report Parameters

Batch:	24142	Run Date:	JAN 27, 2015
Report Code:	GLPOST	Run Time:	03:05 PM
		Operator:	RAVI

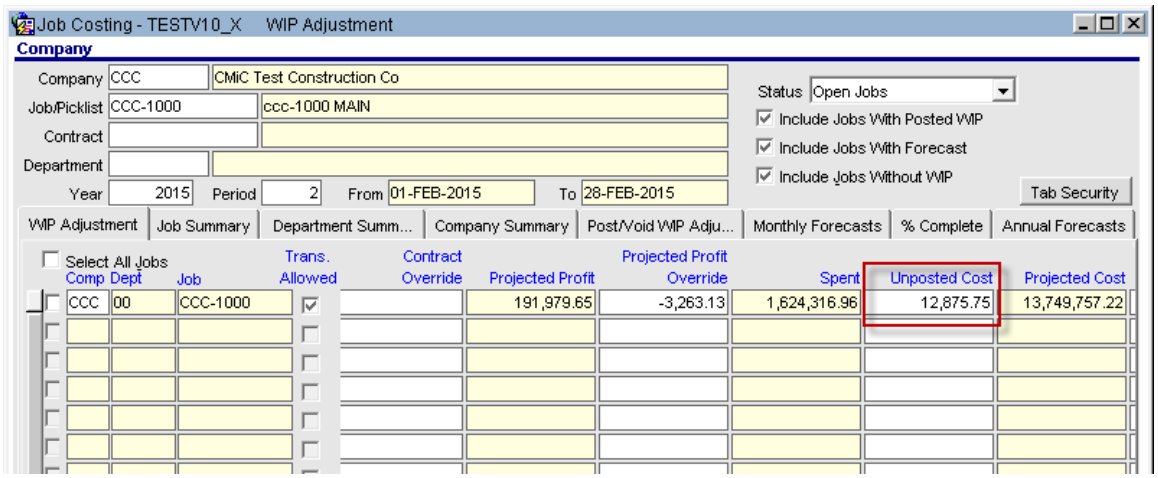
WIP Un-posted Costs/Billings Source Code & Description (14.96188)

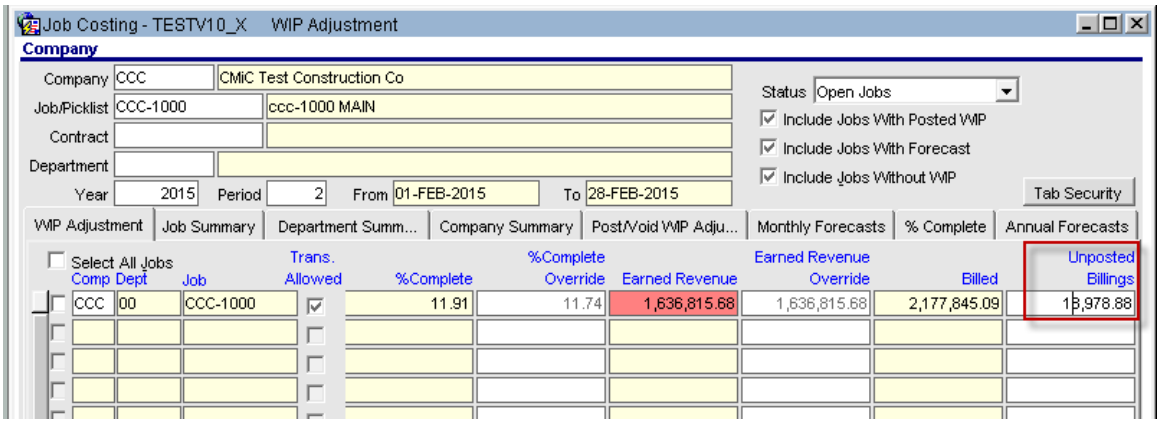
The WIP Posting for Un-posted Costs & Billings is modified to populate the Source Code and Source Description columns with Job Code and Job Name values respectively. (Previously was posting 'WIP' as the source.

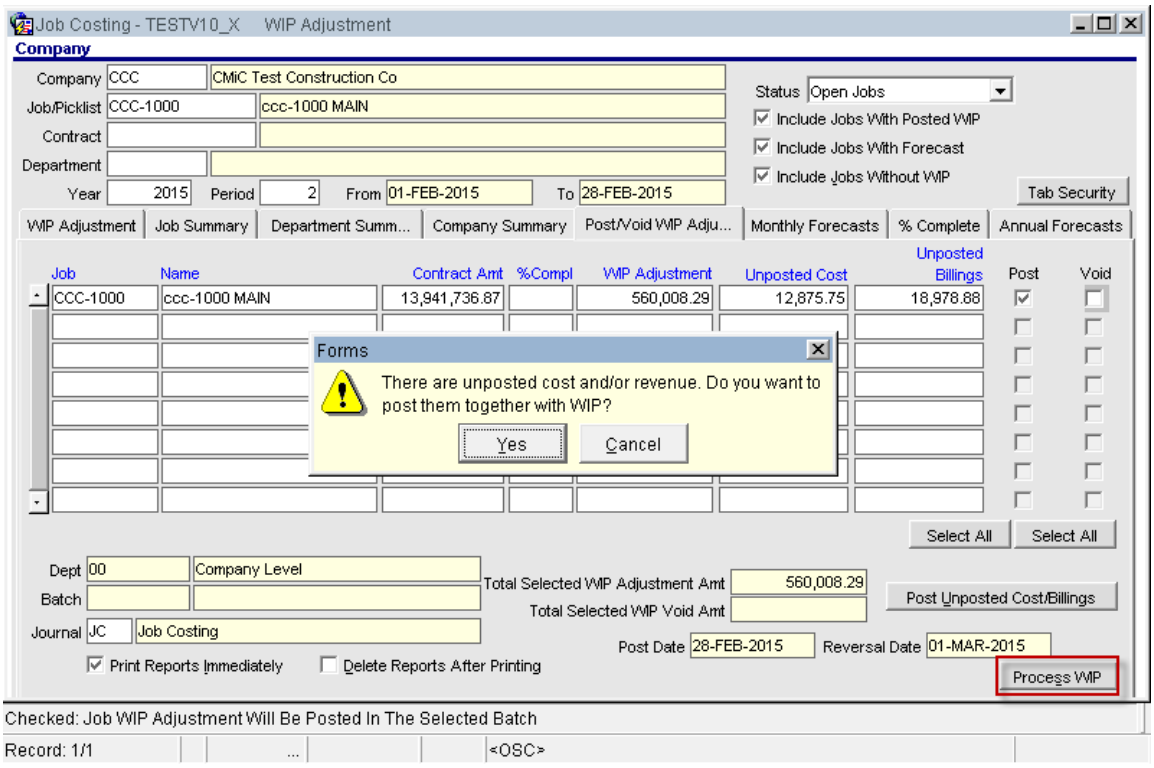
Modifications:

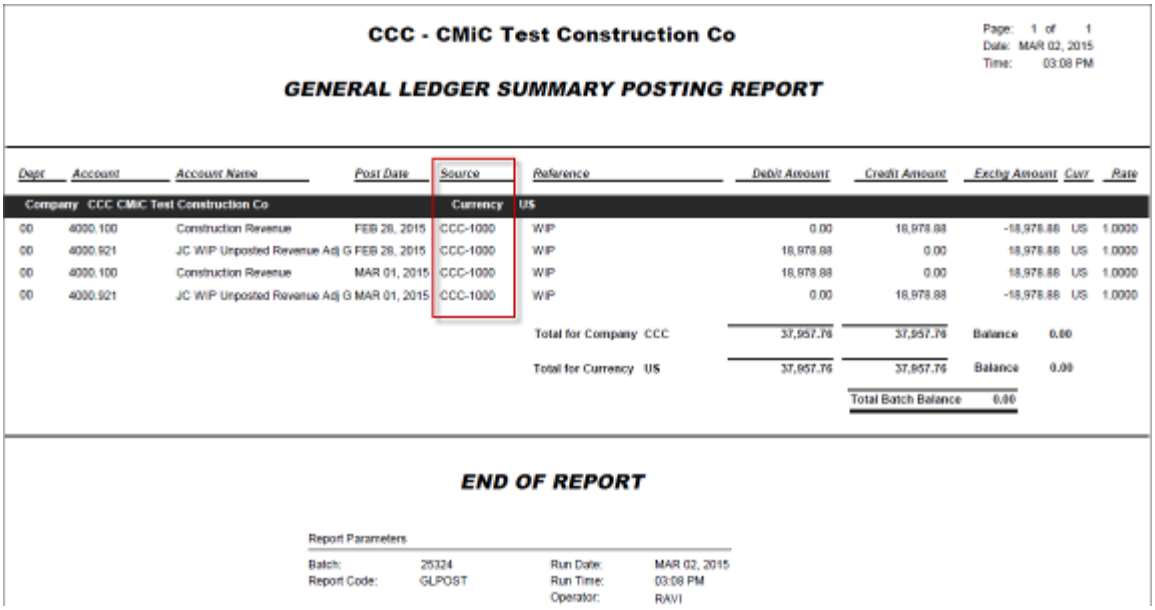
The JS Control is modified with a new column JCCTRL_JOB_AS_WIP_SOURCE, with valid values as Y/N. The default value is 'Y' and all existing JC controls are updated as 'Y' via a script. This column is NOT available for user updates as it is NOT displayed on the JC Control screen.

With this new column is set as 'Y', the posting of 'Un-posted Costs & Billings' amounts from WIP screen will populate the source code & description with Job Code and Job Name respectively.


Job Costing - TESTV10_X WIP Adjustment
Company
Company CCC CMiC Test Construction Co
Job/Picklist CCC-1000 ccc-1000 MAIN
Contract
Department
Year 2015 Period 2 From 01-FEB-2015 To 28-FEB-2015
Status Open Jobs
Include Jobs With Posted WIP
Include Jobs With Forecast
Include Jobs Without WIP
Tab Security
WIP Adjustment | Job Summary | Department Summ... | Company Summary | Post/Void WIP Adju... | Monthly Forecasts | % Complete | Annual Forecasts
Select All Jobs
Comp Dept Job Trans. Allowed Contract Override Projected Profit Projected Profit Override Spent Unposted Cost Projected Cost
CCC 00 CCC-1000 191,979.65 -3,263.13 1,624,316.96 12,875.75 13,749,757.22


Job Costing - TESTV10_X WIP Adjustment
Company
Company CCC CMiC Test Construction Co
Job/Picklist CCC-1000 ccc-1000 MAIN
Contract
Department
Year 2015 Period 2 From 01-FEB-2015 To 28-FEB-2015
Status Open Jobs
Include Jobs With Posted WIP
Include Jobs With Forecast
Include Jobs Without WIP
Tab Security
WIP Adjustment | Job Summary | Department Summ... | Company Summary | Post/Void WIP Adju... | Monthly Forecasts | % Complete | Annual Forecasts
Select All Jobs
Comp Dept Job Trans. Allowed %Complete %Complete Override Earned Revenue Earned Revenue Override Billed Unposted Billings
CCC 00 CCC-1000 11.91 11.74 1,636,815.68 1,636,815.68 2,177,845.09 13,978.88


Job Costing - TESTV10_X WIP Adjustment
Company
Company CCC CMiC Test Construction Co
Job/Picklist CCC-1000 ccc-1000 MAIN
Contract
Department
Year 2015 Period 2 From 01-FEB-2015 To 28-FEB-2015
Status Open Jobs
Include Jobs With Posted WIP
Include Jobs With Forecast
Include Jobs Without WIP
Tab Security
WIP Adjustment | Job Summary | Department Summ... | Company Summary | Post/Void WIP Adju... | Monthly Forecasts | % Complete | Annual Forecasts
Job Name Contract Amt %Compl WIP Adjustment Unposted Cost Unposted Billings Post Void
CCC-1000 ccc-1000 MAIN 13,941,736.87 560,008.29 12,875.75 18,978.88
Forms
There are unposted cost and/or revenue. Do you want to post them together with WIP?
Yes
Cancel
Select All
Select All
Dept 00 Company Level
Batch
Journal JC Job Costing
Total Selected WIP Adjustment Amt 560,008.29
Total Selected WIP Void Amt
Post Unposted Cost/Billings
Post Date 28-FEB-2015
Reversal Date 01-MAR-2015
Print Reports Immediately
Delete Reports After Printing
Process WIP
Checked: Job WIP Adjustment Will Be Posted In The Selected Batch
Record: 1/1
<OSC>


CCC - CMiC Test Construction Co
Page: 1 of 1
Date: MAR 02, 2015
Time: 03:08 PM
GENERAL LEDGER SUMMARY POSTING REPORT
Dept Account Account Name Post Date Source Reference Debit Amount Credit Amount Exchg Amount Curr Rate
Company CCC CMiC Test Construction Co Currency US
00 4000.100 Construction Revenue FEB 28, 2015 CCC-1000 WIP 0.00 18,978.88 -18,978.88 US 1.0000
00 4000.921 JC WIP Unposted Revenue Adj G FEB 28, 2015 CCC-1000 WIP 18,978.88 0.00 18,978.88 US 1.0000
00 4000.100 Construction Revenue MAR 01, 2015 CCC-1000 WIP 18,978.88 0.00 18,978.88 US 1.0000
00 4000.921 JC WIP Unposted Revenue Adj G MAR 01, 2015 CCC-1000 WIP 0.00 18,978.88 -18,978.88 US 1.0000
Total for Company CCC 37,957.76 37,957.76 Balance 0.00
Total for Currency US 37,957.76 37,957.76 Balance 0.00
Total Batch Balance 0.00
END OF REPORT
Report Parameters
Batch: 25324
Report Code: GLPOST
Run Date: MAR 02, 2015
Run Time: 03:08 PM
Operator: RAVI

CCC - CMiC Test Construction Co

Page: 1 of 1
Date: MAR 02, 2015
Time: 03:10 PM

GENERAL LEDGER SUMMARY POSTING REPORT

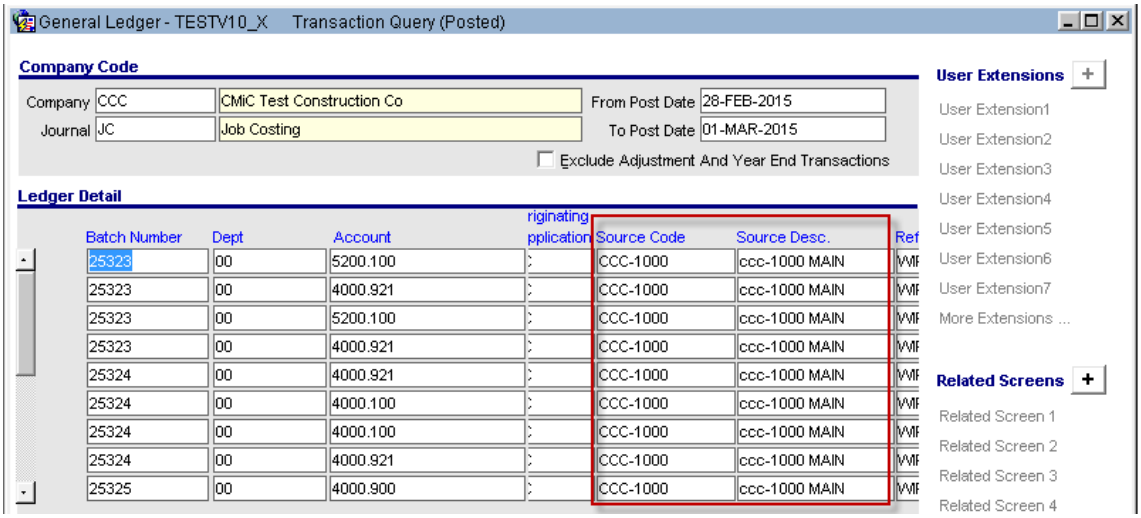
Dept	Account	Account Name	Post Date	Source	Reference	Debit Amount	Credit Amount	Exchg Amount	Curr	Rate
Company CCC CMiC Test Construction Co				Currency US						
00	4000.921	JC WIP Unposted Revenue Adj G	FEB 28, 2015	CCC-1000	WIP	0.00	12,875.75	-12,875.75	US	1.0000
00	5200.100	Job Cost Expenses	FEB 28, 2015	CCC-1000	WIP	12,875.75	0.00	12,875.75	US	1.0000
00	4000.921	JC WIP Unposted Revenue Adj G	MAR 01, 2015	CCC-1000	WIP	12,875.75	0.00	12,875.75	US	1.0000
00	5200.100	Job Cost Expenses	MAR 01, 2015	CCC-1000	WIP	0.00	12,875.75	-12,875.75	US	1.0000
					Total for Company CCC	25,751.50	25,751.50	Balance 0.00		
					Total for Currency US	25,751.50	25,751.50	Balance 0.00		
							Total Batch Balance	0.00		

END OF REPORT

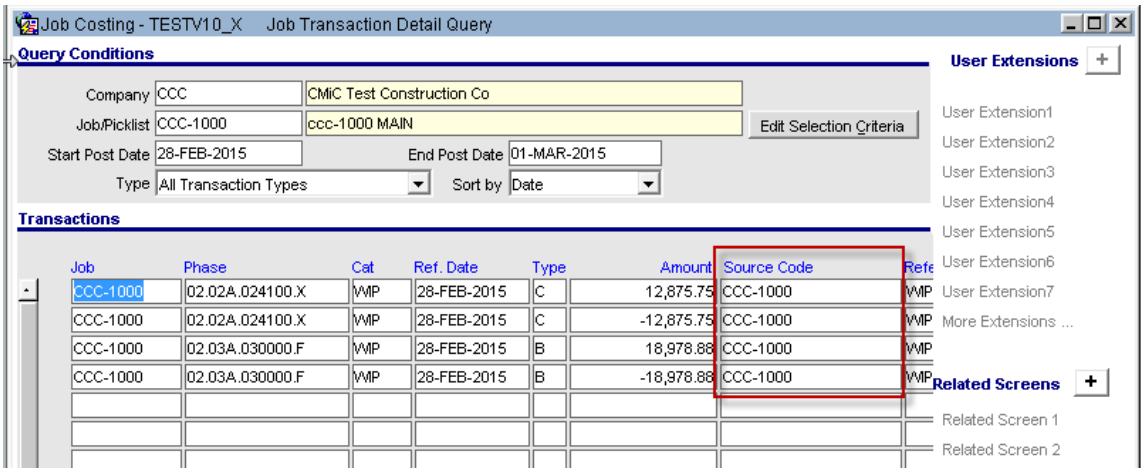
Report Parameters

Batch:	25323	Run Date:	MAR 02, 2015
Report Code:	GLPOST	Run Time:	03:10 PM
		Operator:	RAVI

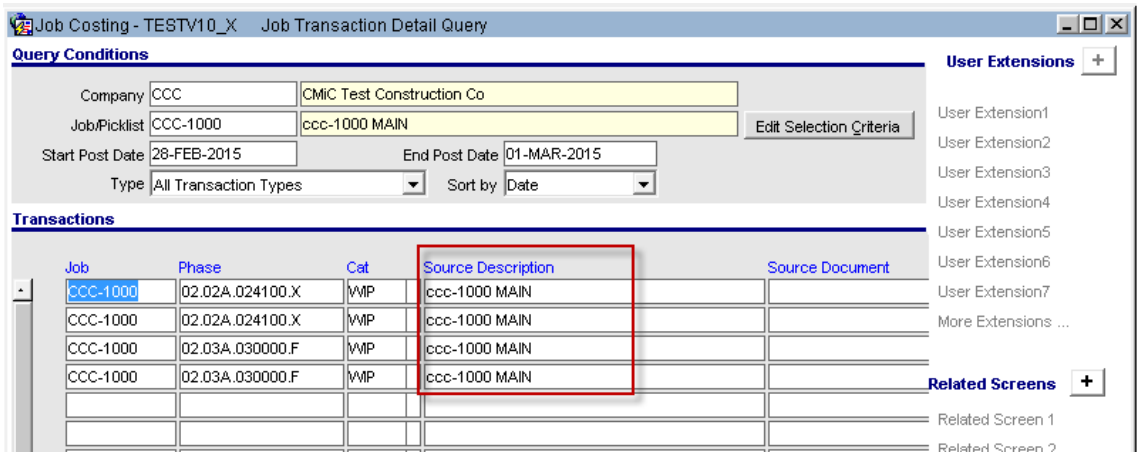
The result may be verified from the GL & JC transaction query screens as shown below.



The GL Transaction Query showing the Source Code & Source Description column values.

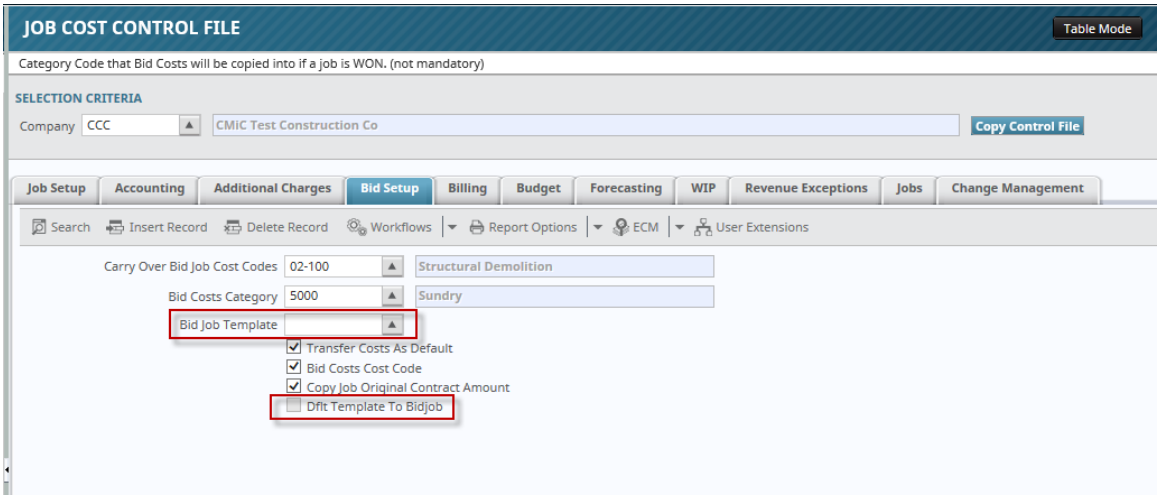


JC Transaction Detail Query showing the 'Source Code' column populated with the 'Job Code'.



JC Transaction Detail Query showing the 'Source description' column populated with the Job Name.

Bid Job Auto-Assign Cost Code Template (14.93082)

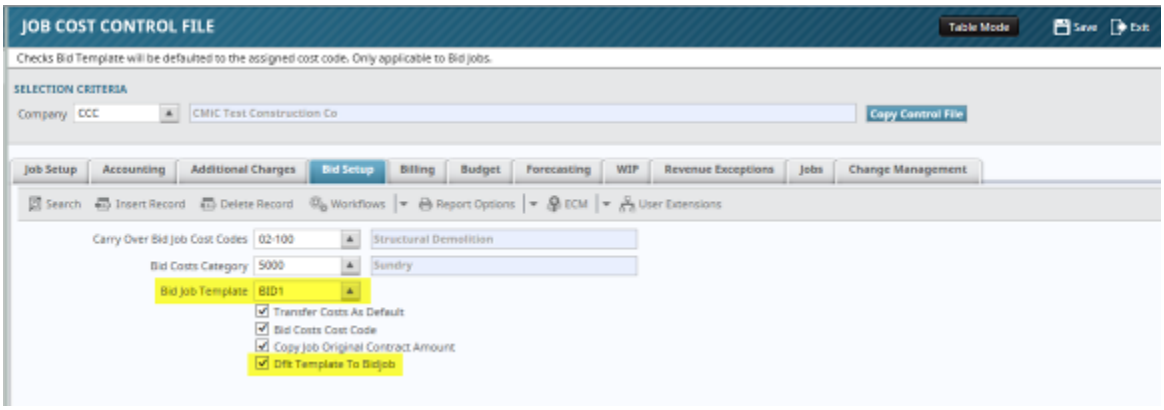


JC Control > Bid Setup

Enhancement that, when automatically creating a bid job from Opportunity Management, 'Auto-Assign' a bid job template so that, the cost codes from the template are assigned to the bid job upon creation. Also added the ability to default the Bid Job Cost Code Template, when selecting a bid job in 'Assign Cost Codes' program.

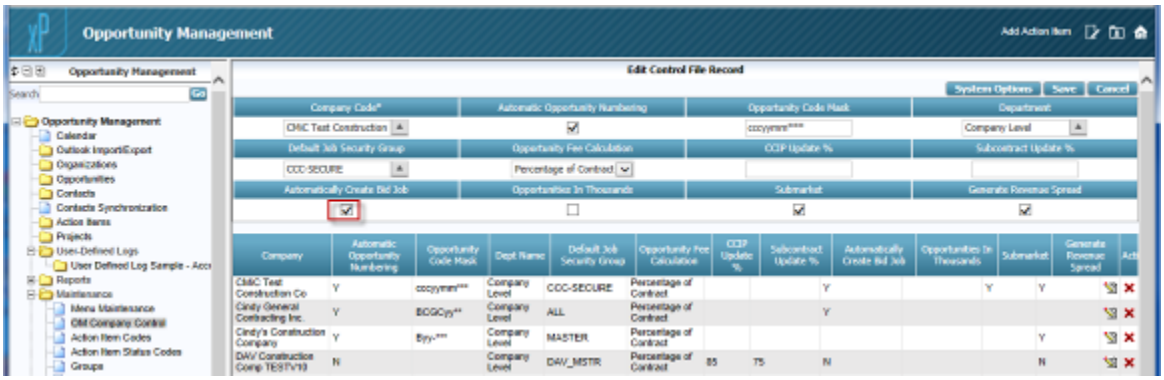
Modifications:

1. The JC Control File > Bid Setup Tab is modified with a field 'Bid Job Template'. The default value is Null. Users may enter or select a valid template from the available list of values.
2. A checkbox 'Default Template to Bid job' is added as well. This is enabled only when the field 'Bid Job Template' is populated with a valid value.

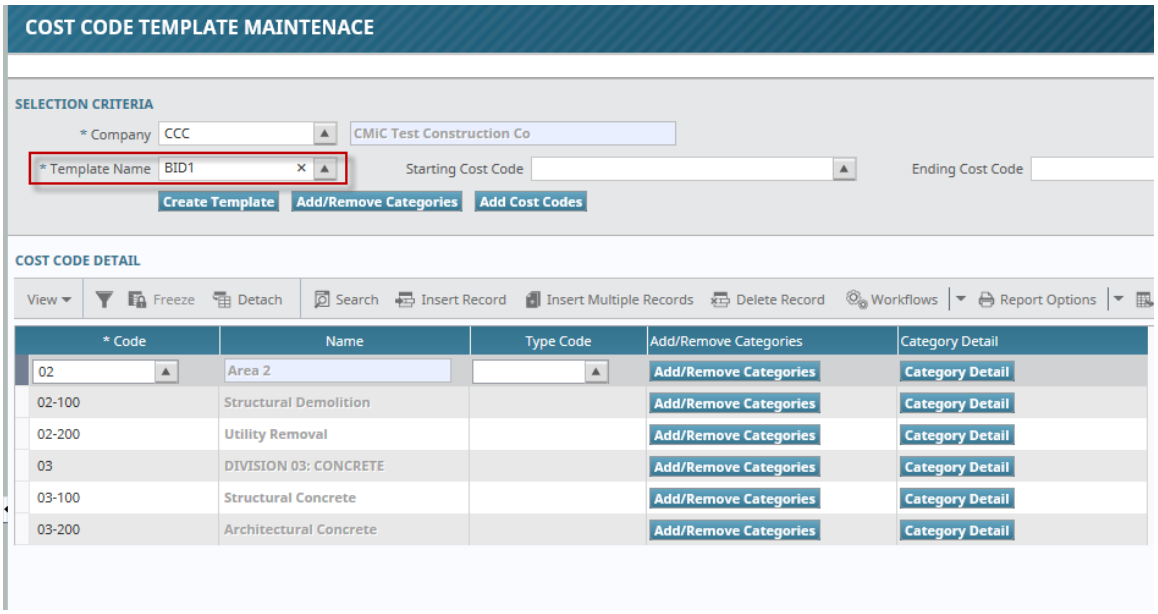


This is a Company level setup and hence, users have to setup as required in each company.

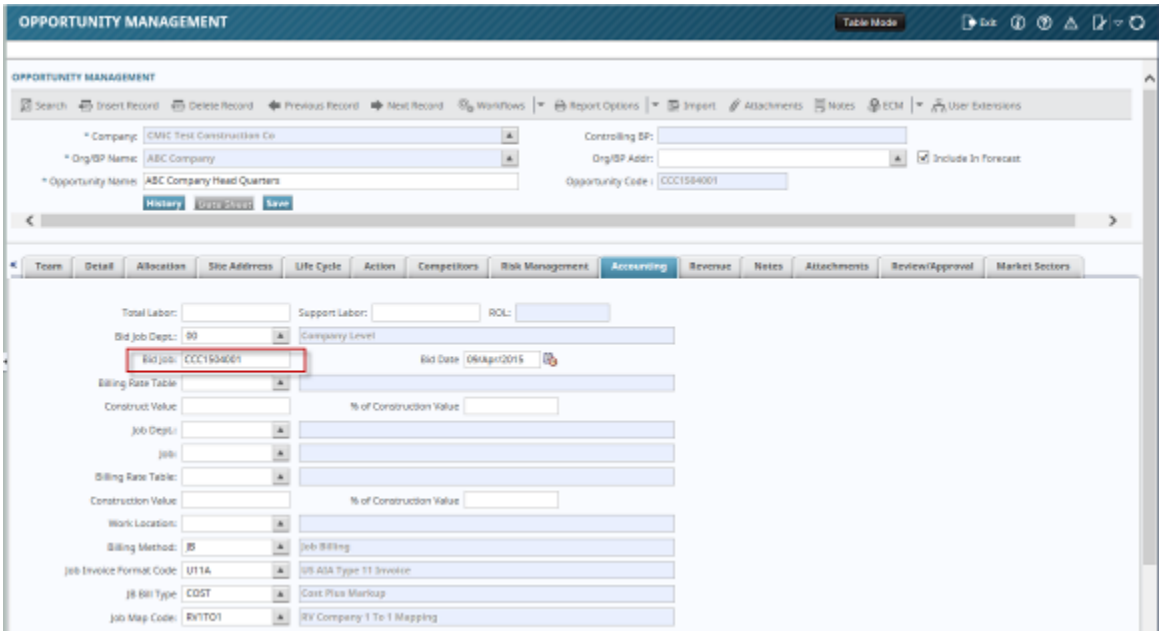
When in Opportunity Management, using automatically created Bid Jobs, the program will use the Bid Job template code from JC Company Control file and auto-assign the cost codes to the job. The following screens show the setup requirements for this functionality to work.



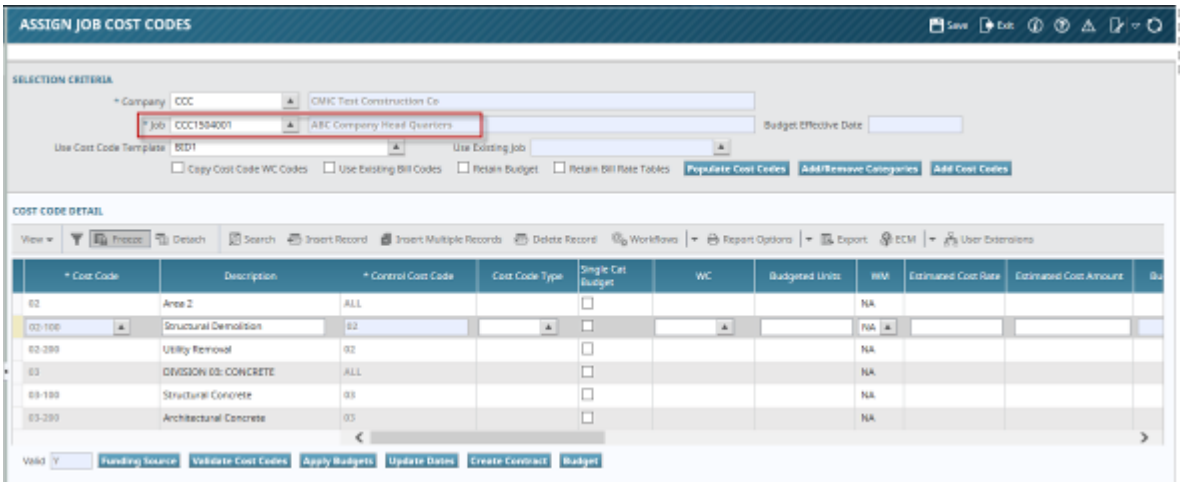
Opportunity Management > OM Company Control



JC > Local Tables > Cost Code Template Maintenance



OM > Opportunities > Add New Opportunity



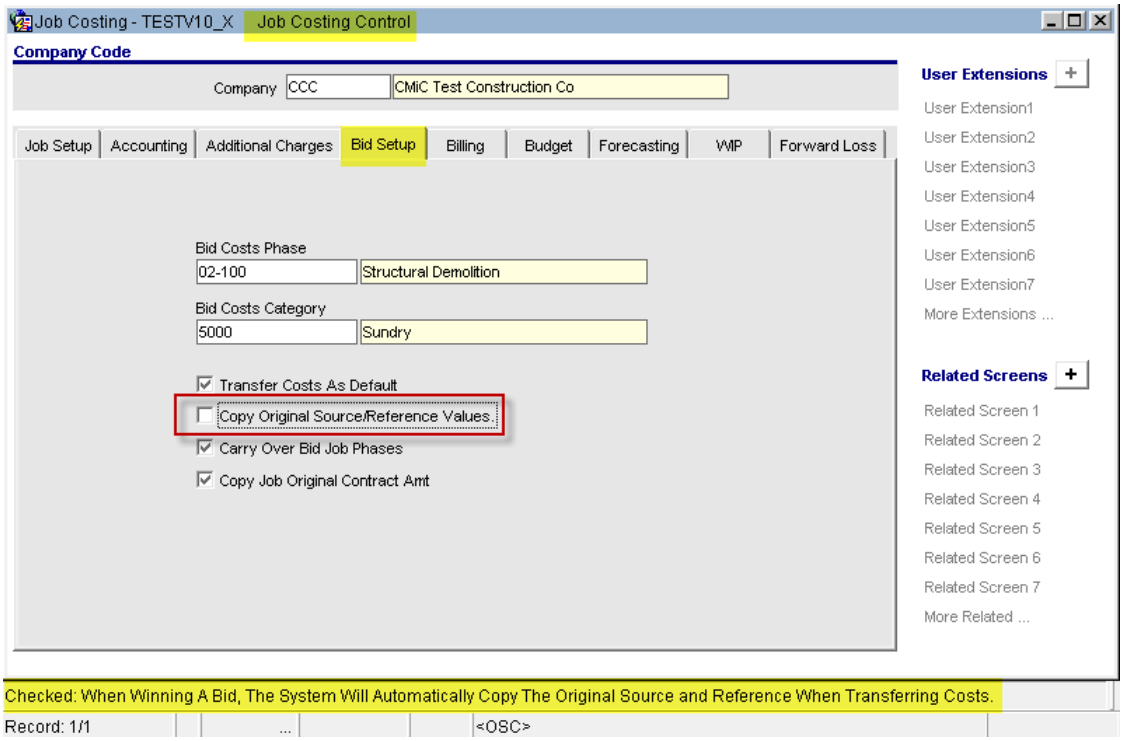
Job Costing > Assign Cost Codes

The ‘Assign Cost Codes’ program is also modified with the ‘Use Cost Code Template’ field reading the JC Control flag ‘Default Template To Bid Job’ flag and when checked, will default the value from ‘Bid Job Template’ field as well.

NOTE: This is applicable to ADF version of Job Costing programs and Opportunity Management programs only.

Not applicable to Forms version of JC or JSP version of OM

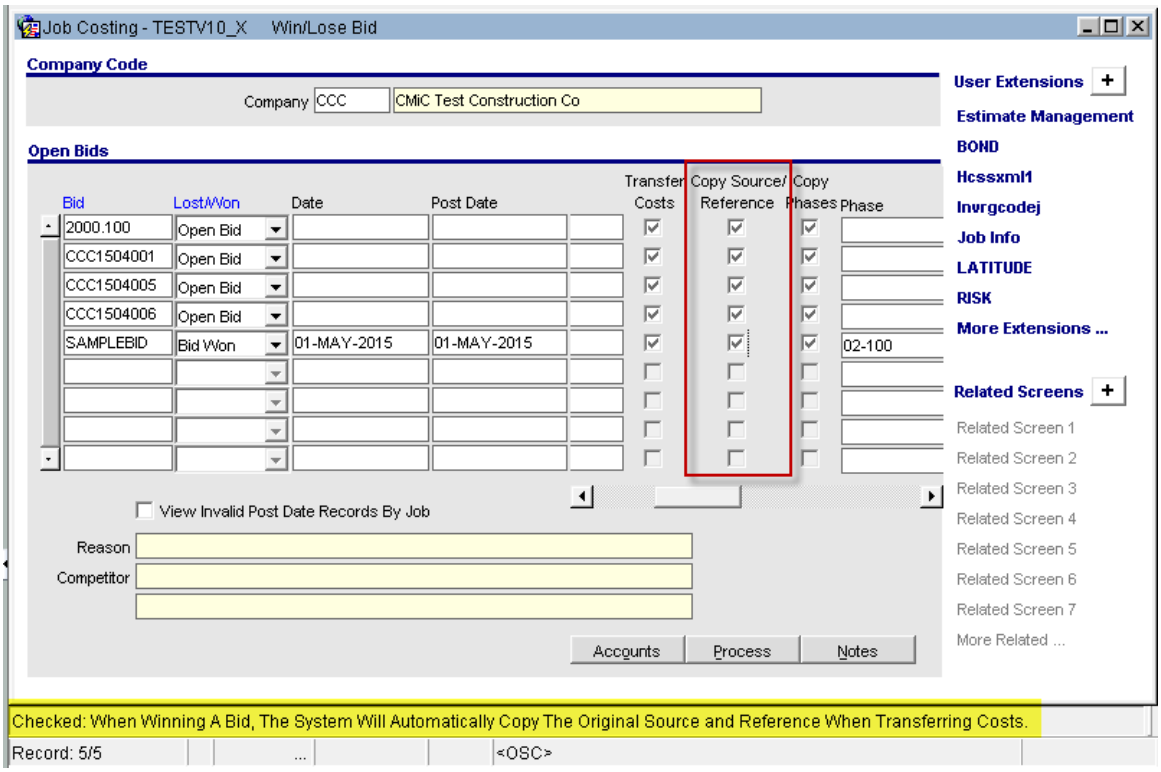
Win/Lose Bid Job – Transferred Cost Transactions to retain original source/reference details (14.97730)



JC Control > Bid Setup

The JC Control File > Bid Setup Tab is modified with a check-box ‘Copy Original Source / Reference Values’. The default value is ‘N’ (Un-Checked) and existing functionality applies.

This sets the default value for the flag ‘Copy Source/Reference’ in Win/Lose Bid program.



JC > Job > Win/Lose Bid Job

The Win/Lose Bid Program is modified with a new check box column ‘Copy Source/Reference’. The default value is set in the JC Control > Bid Setup tab. Users may choose to override as required.

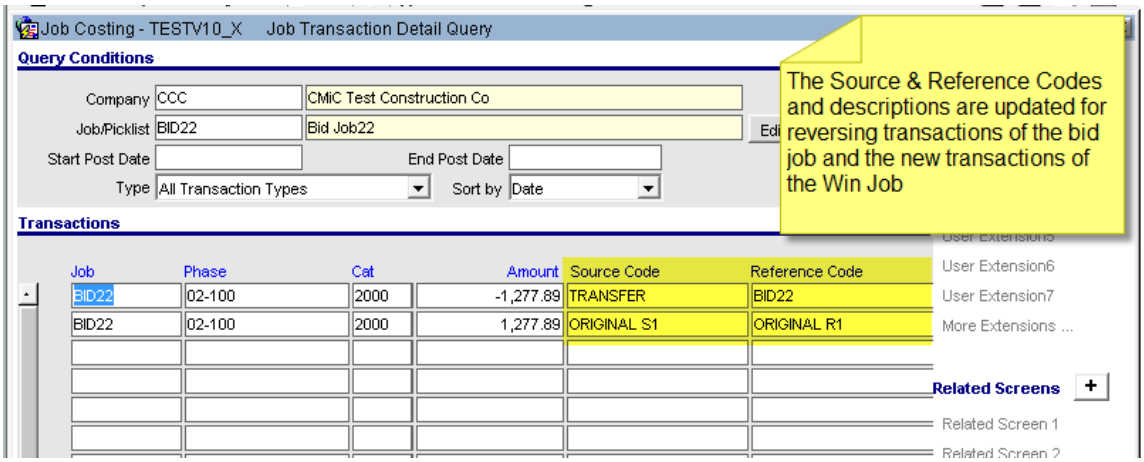
When checked, the original Source/reference details will be retained in JC Transactions for reversal of costs in bid job as well as transfer of costs to winning job.

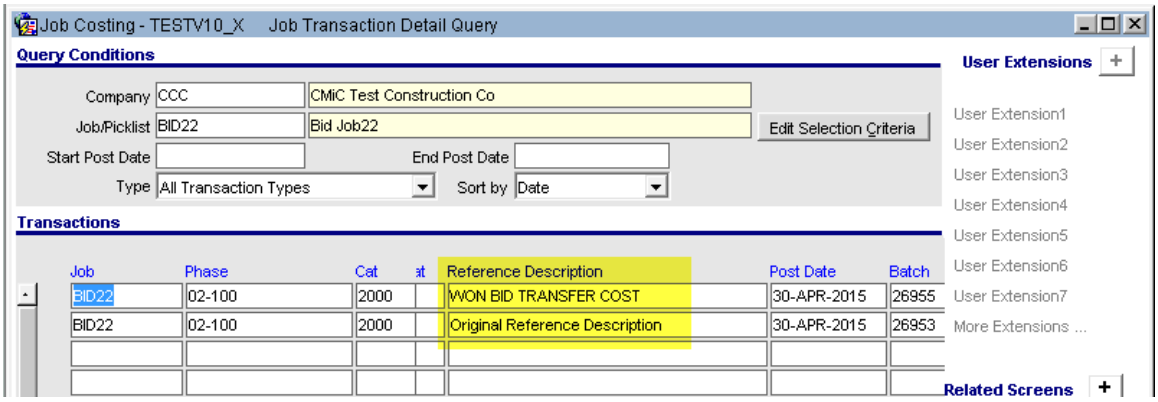
Existing Functionality:

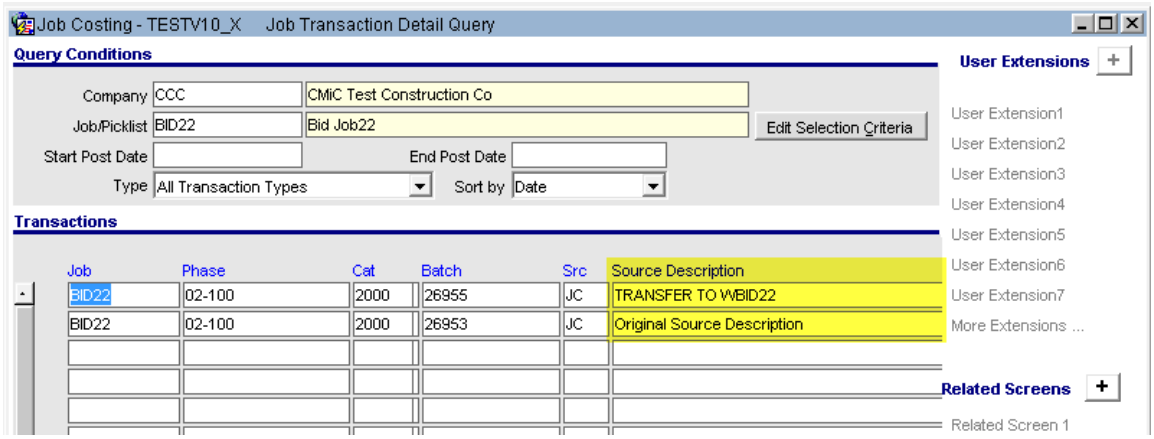
The posting package for Win/Lose Bid Job, updates the job cost transactions with a specific system defined source/reference descriptions as follows.

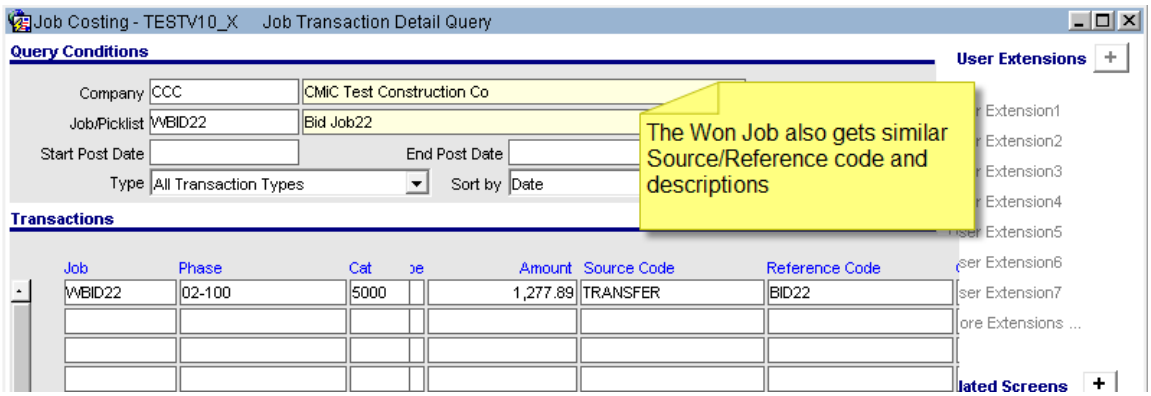
Job	Transaction	Source	Reference	Source Description	Reference Description
Bid Job	Cost transaction	SSSSSS	RRRRRR	SSSSSSDDDDDD	RRRRRRDDDDDD
Bid Job	Reversal Cost Transaction when the job is won	TRANSFER	{Bid Job Code}	TRANSFER TO {Win Job Code}	WON BID TRANSFER COST
Won Job	Transferred Cost Transaction	TRANSFER	Bid Job Code	TRANSFER FROM {Bid Job Code}	WON BID TRANSFER COST

The following screens show the reversal & transferred cost transactions with source/ reference code details.

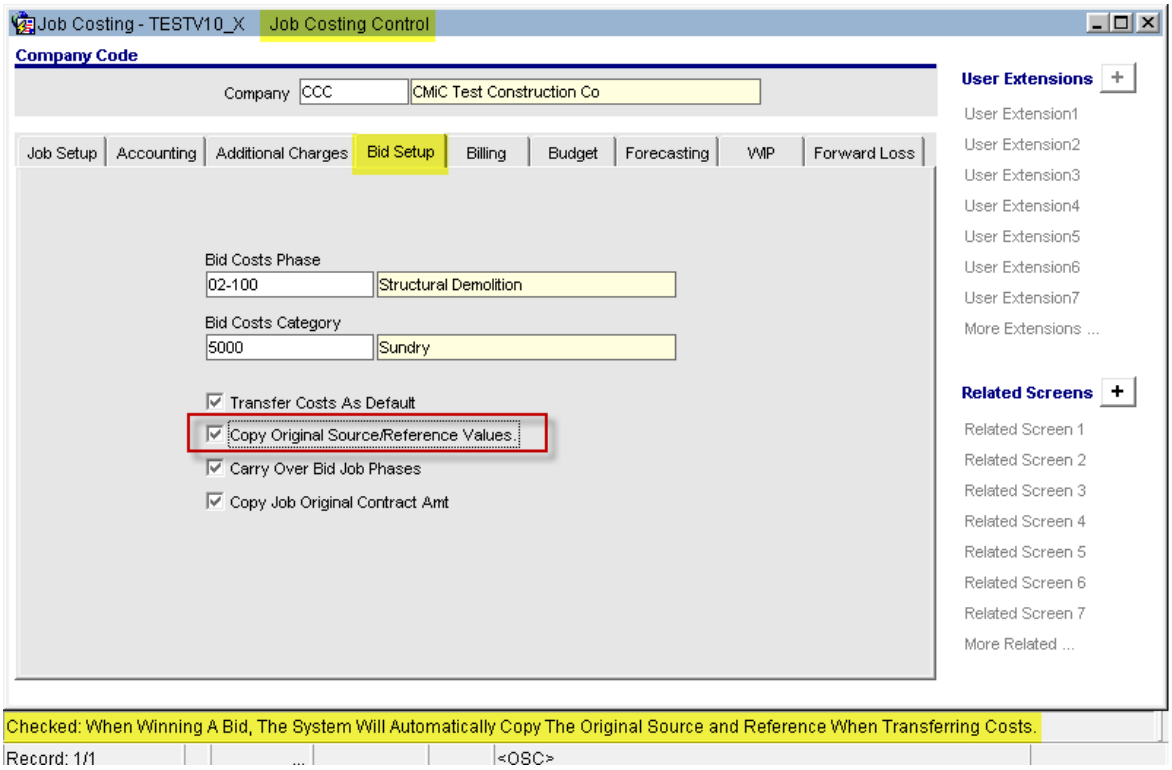

Job Costing - TESTV10_X Job Transaction Detail Query
Query Conditions
Company CCC CMiC Test Construction Co
Job/Picklist BID22 Bid Job22
Start Post Date End Post Date
Type All Transaction Types Sort by Date
Transactions
Job Phase Cat Amount Source Code Reference Code
BID22 02-100 2000 -1,277.89 TRANSFER BID22
BID22 02-100 2000 1,277.89 ORIGINAL S1 ORIGINAL R1
User Extension6
User Extension7
More Extensions ...
Related Screens
Related Screen 1
The Source & Reference Codes and descriptions are updated for reversing transactions of the bid job and the new transactions of the Win Job


Job Costing - TESTV10_X Job Transaction Detail Query
Query Conditions
Company CCC CMiC Test Construction Co
Job/Picklist BID22 Bid Job22
Edit Selection Criteria
Start Post Date End Post Date
Type All Transaction Types Sort by Date
Transactions
Job Phase Cat at Reference Description Post Date Batch
BID22 02-100 2000 WON BID TRANSFER COST 30-APR-2015 26955
BID22 02-100 2000 Original Reference Description 30-APR-2015 26953
User Extensions
User Extension1
User Extension2
User Extension3
User Extension4
User Extension5
User Extension6
User Extension7
More Extensions ...
Related Screens


Job Costing - TESTV10_X Job Transaction Detail Query
Query Conditions
Company CCC CMiC Test Construction Co
Job/Picklist BID22 Bid Job22
Edit Selection Criteria
Start Post Date End Post Date
Type All Transaction Types Sort by Date
Transactions
Job Phase Cat Batch Src Source Description
BID22 02-100 2000 26955 JC TRANSFER TO WBID22
BID22 02-100 2000 26953 JC Original Source Description
User Extensions
User Extension1
User Extension2
User Extension3
User Extension4
User Extension5
User Extension6
User Extension7
More Extensions ...
Related Screens
Related Screen 1



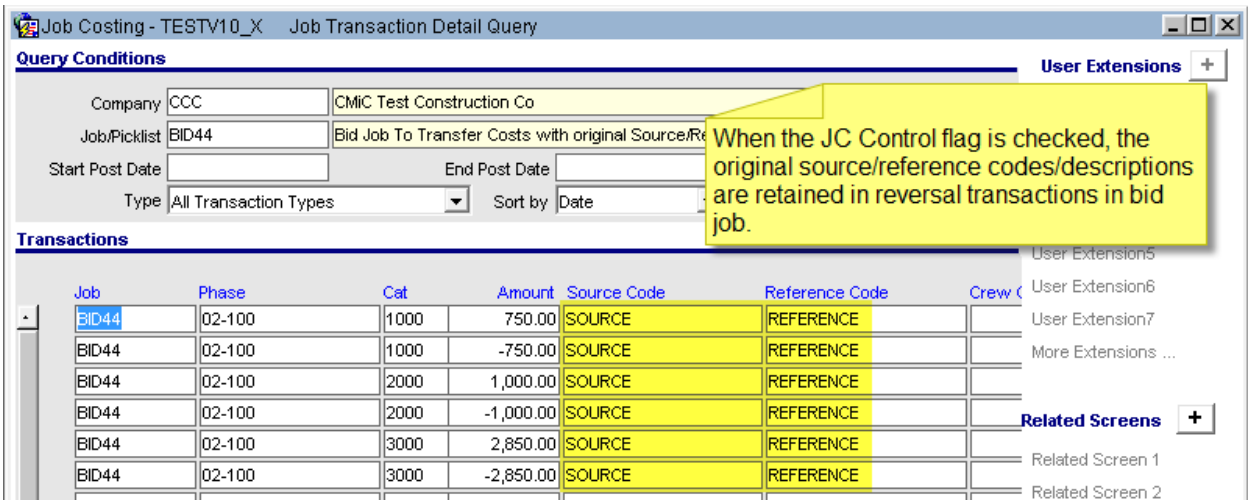
New (Extended) Functionality:

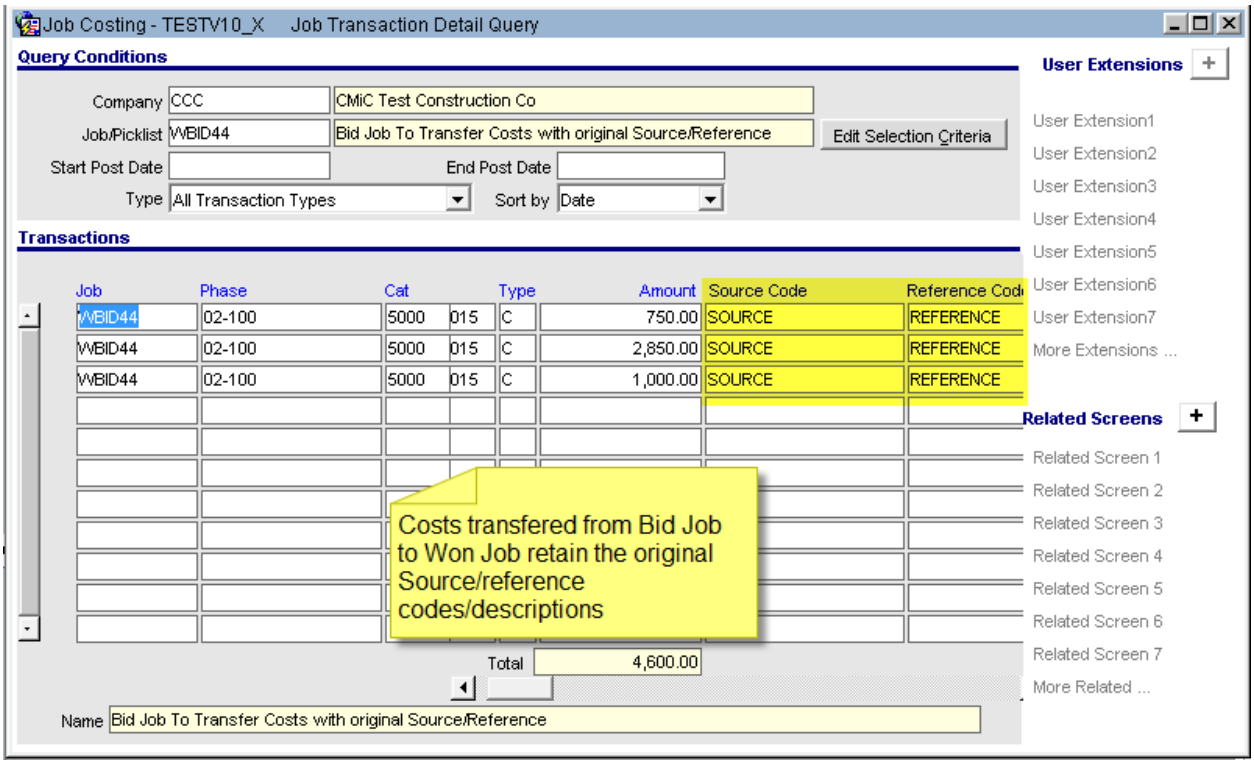


JC Control > Bid Setup

The flag ‘Copy Original Source/Reference Values’ is enabled when the flag ‘Transfer Costs As Default’ is checked. The value set here serves as default value for the flag ‘Copy Source/Reference’ in Win/Lose Bid job program.

When checked, the Source/Reference Code/Description fields for reversal of bid job cost transactions and transferred cost transactions in winning job will have original values.





Job	Transaction	Source	Reference	Source Description	Reference Description
Bid Job	Cost transaction	SSSSSS	RRRRRR	SSSSSSDDDDDD	RRRRRRDDDDDD
Bid Job	Reversal Cost Transaction when the job is won	SSSSSS	RRRRRR	SSSSSSDDDDDD	RRRRRRDDDDDD
Won Job	Transferred Cost Transaction	SSSSSS	RRRRRR	SSSSSSDDDDDD	RRRRRRDDDDDD

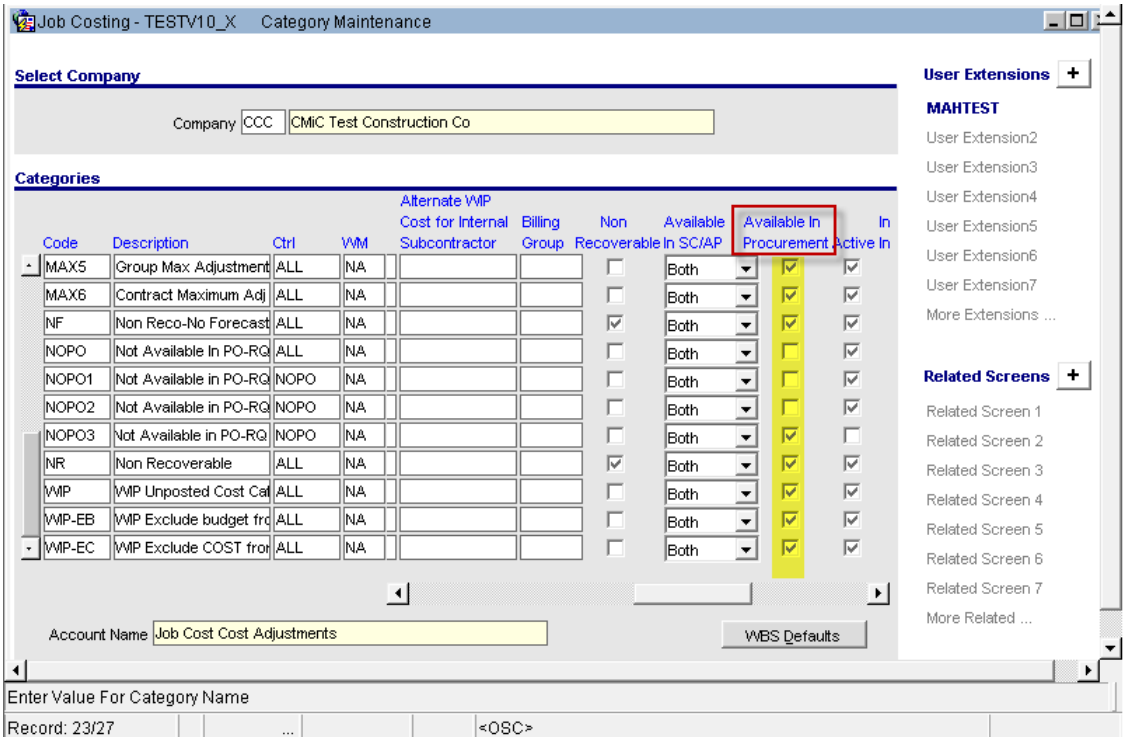
Restricted Categories in Requisition/PO modules (15.04433)

Functionality to allow specific categories in procurement applications such as requisition and purchase order.

Modifications:

The Job Cost Category Maintenance program is modified to add a new flag "Available in Procurement". The Default Value for this flag is set to "Y". Any Category that has this flag checked, will be available to use in Requisition, Purchase Order and Change Order Entry screens for "J" Lines.

Category Maintenance:



Job Costing>Jccatfm>Available In Procurement

The Category Maintenance is modified with a check box column 'Available in Procurement'. The default value is checked (Y). This value is defaulted into 'Job Assign Phases screen' when assigning phase/categories.

When un-checked, these categories will NOT be available in PO/CO Entry programs for 'J' line transactions.

If users try to manually enter a category that is not allowed in Procurement and a message will be displayed.

See Purchase Order Section of this document for more details.

Self-Performed WIP Functionality (15.00131)

When a Company works as its own subcontract as well, the WIP program when setup with multiple sub jobs makes an overstatement of costs and revenue and this now may be achieved through this functionality.

Purpose & Explanation of Business requirements: (Example Company: DSGTECH)

DSGTECH works as its own subcontractor.

To accommodate this, the following setup process may be followed.

DSGTECH is setup as a subcontractor (Business Partner is created and is both a customer and vendor).

On sub job A, a subcontract is created for vendor DSGTECH.

On sub job B, DSGTECH is the Customer.

Budgets and costs are entered into sub job B.

Sub job B then creates a job billing to the customer DSGTECH.

Sub job A, then receives the bill created in Sub job as a Cost from subcontractor DSGTECH.

A billing to the owner is created per standard procedures and subcontractor DSGTECH is handled in the same manner as any other subcontractor.

This procedure causes an overstatement of the Costs and Revenue for the jobs for WIP with the existing logic in WIP screen.

In the following table, the revenue for job B and the corresponding costs for job A need to be excluded from the calculations. (This includes the budgets as well as the forecasting for both items).

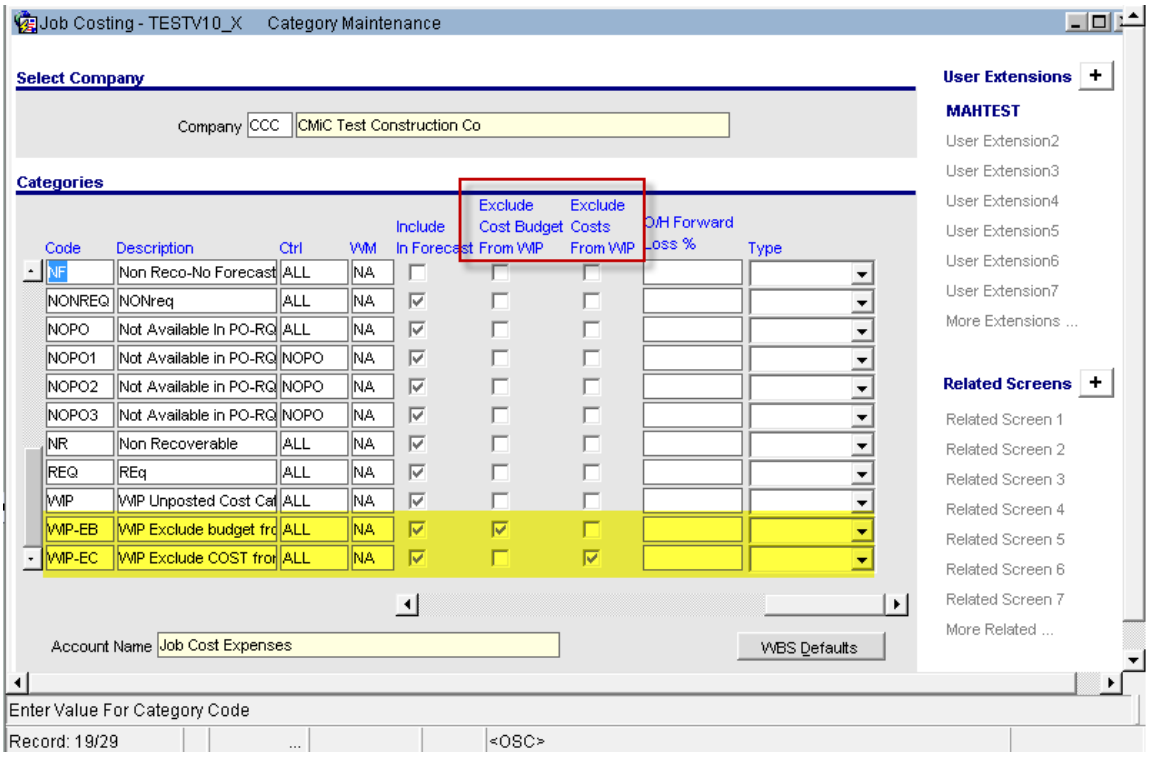
	Cost		Revenue	
	Budget	Cost	Budget	Billed
Job A	~~2000~~	~~100~~	2000	100
Job B	1500	50	~~2000~~	~~100~~
Job B contains labor, material, etc.				
Job A Contains the subcontract value				

Modifications:

Category settings that would exclude the cost budgets, actual costs and forecasted costs from WIP

Job settings that would exclude the revenue budget and billings from WIP

NOTE: According to Gap rules the actual cost from Subjob B and the actual revenues from Subjob A need to be included in WIP.

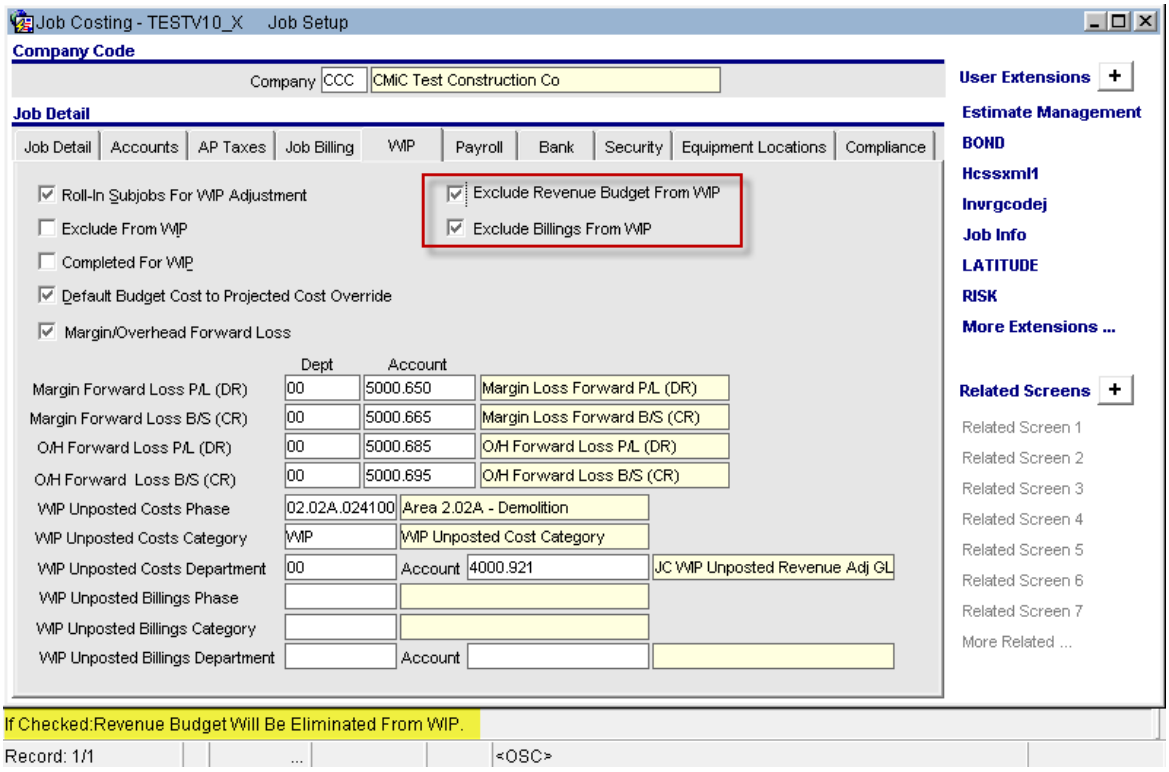


JC > Category Maintenance

The Category Maintenance form is modified with two new columns to exclude Cost budget and costs from WIP

The default value for these flags is un-checked.

When checked, the cost budget and costs for any job/phase with these specific categories will be excluded in WIP program



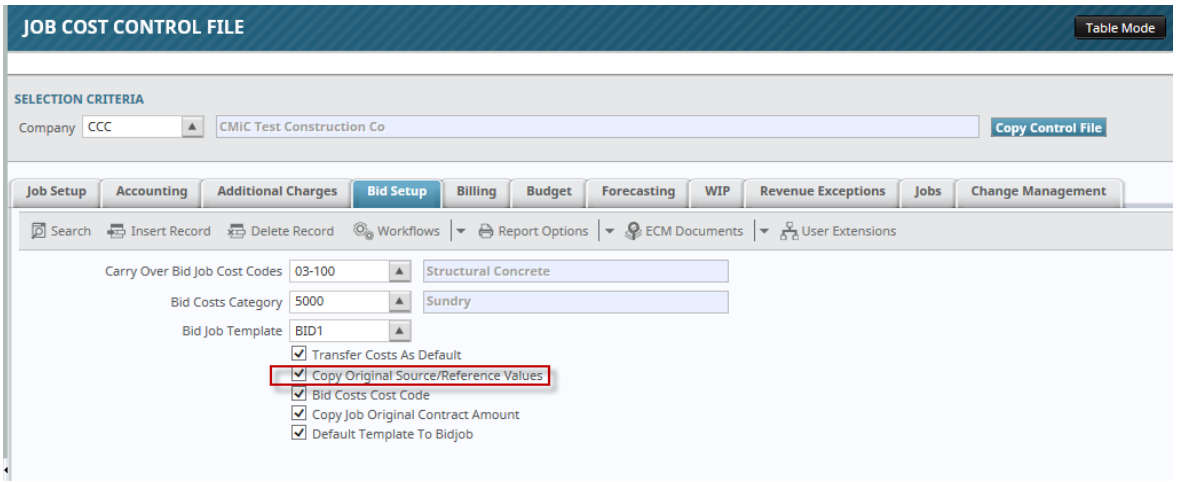
Job Maintenance > WIP Tab

The Job Maintenance form is modified with two new columns to exclude Revenue budget and billings from WIP.

The default value for these flags is un-checked.

When checked, the billing budget (revenue) and billings if any for the specific job will be excluded in WIP program

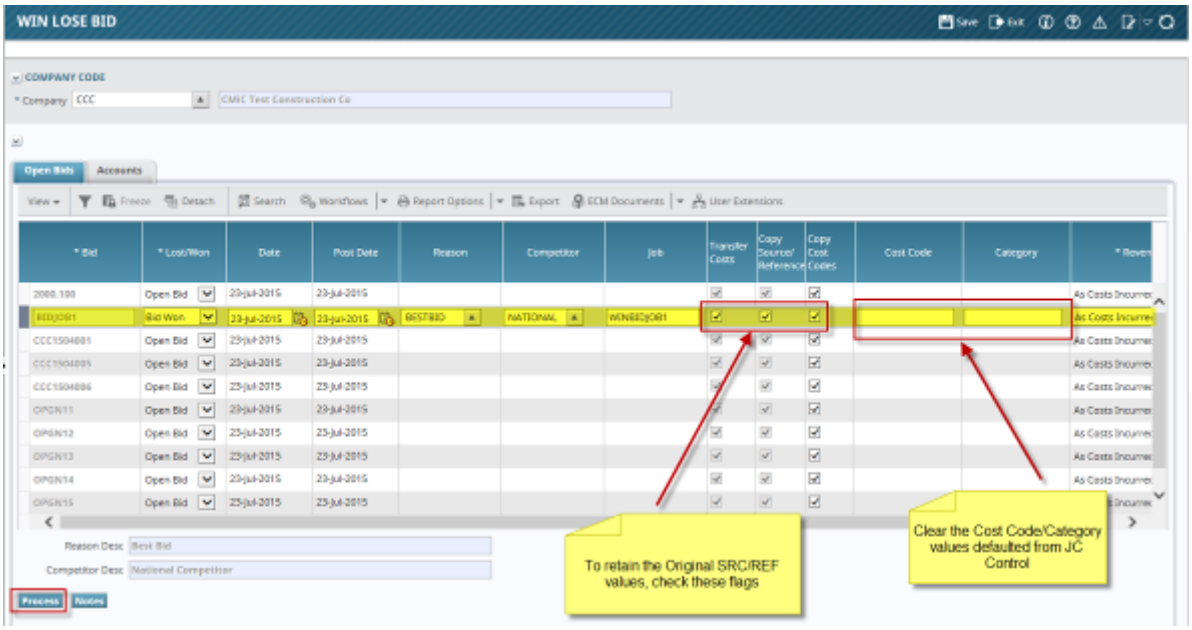
Win/Lose Bid Job – Transferred Cost Transactions to retain original source/reference details (ADF Implementation) (14.97730)



JC Control > Bid Setup

The JC Control File > Bid Setup Tab is modified with a check-box ‘Copy Original Source / Reference Values’. The default value is ‘N’ (Un-Checked) and existing functionality applies.

This sets the default value for the flag ‘Copy Source/Reference’ in Win/Lose Bid program.



JC > Job > Win/Lose Bid Job

The Win/Lose Bid Program is modified with a new check box column ‘Copy Source/Reference’. The default value is set in the JC Control > Bid Setup tab. Users may choose to override as required.

When checked, the original Source/reference details will be retained in JC Transactions for reversal of costs in bid job as well as transfer of costs to winning job. Users must remember that they must also check the ‘Copy Cost Codes’ flag and clear the Cost Code/Category column values to achieve this.

Existing Functionality:

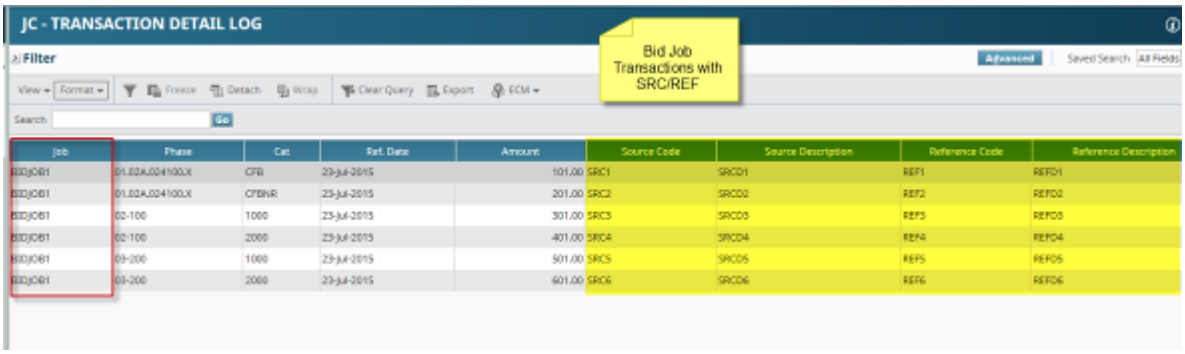
The posting package for Win/Lose Bid Job, updates the job cost transactions with a specific system defined source/reference descriptions as follows. This applies to whether costs are transferred to single Cost Code/Category or to the corresponding codes, if copying all the cost codes/categories from bid job.

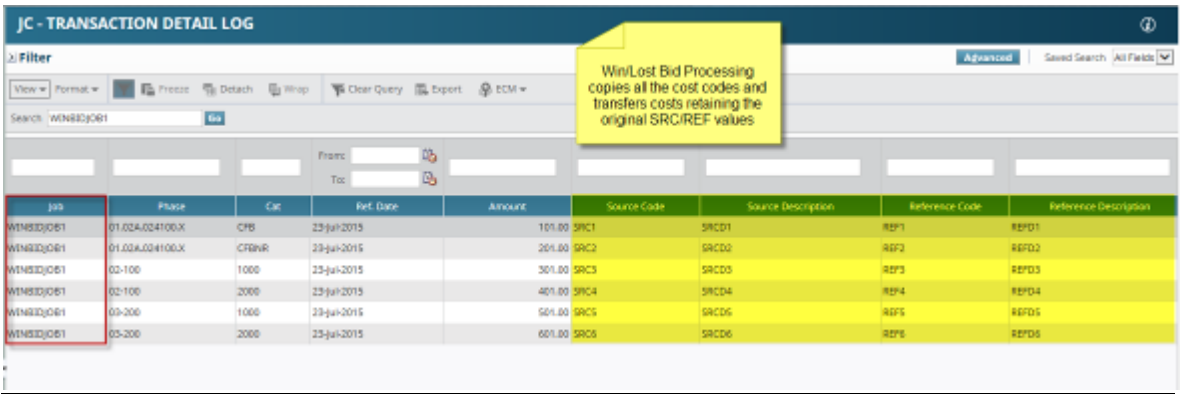
Job	Transaction	Source	Reference	Source Description	Reference Description
Bid Job	Cost transaction	SSSSSS	RRRRRR	SSSSSSDDDDDD	RRRRRRDDDDDD
Bid Job	Reversal Cost Transaction when the job is won	TRANSFER	{Bid Job Code}	TRANSFER TO {Win Job Code}	WON BID TRANSFER COST
Won Job	Transferred Cost Transaction	TRANSFER	Bid Job Code	TRANSFER FROM {Bid Job Code}	WON BID TRANSFER COST

New (Extended) Functionality:

The flag ‘Copy Original Source/Reference Values’ is enabled when the flag ‘Transfer Costs As Default’ is checked. The value set here serves as default value for the flag ‘Copy Source/Reference’ in Win/Lose Bid job program.

When checked, the Source/Reference Code/Description fields for reversal of bid job cost transactions and transferred cost transactions in winning job will have original values.





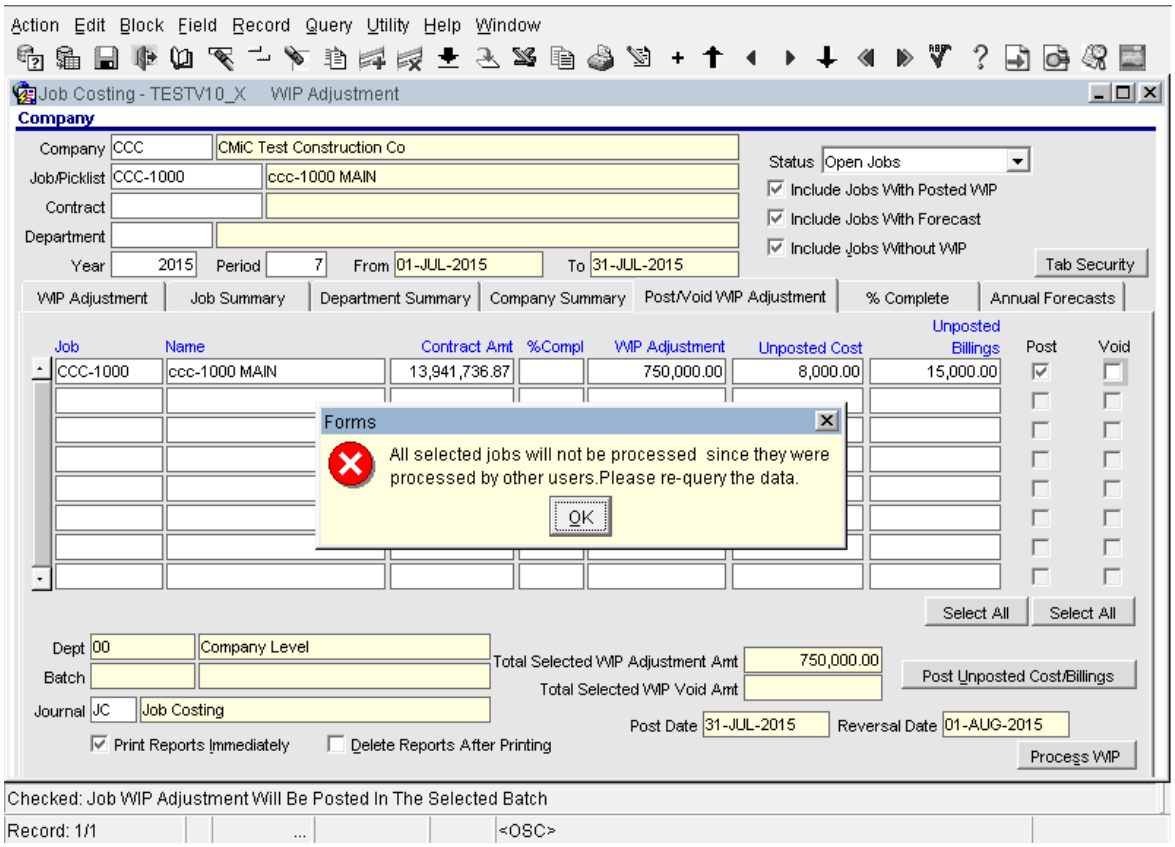
Job	Transaction	Source	Reference	Source Description	Reference Description
Bid Job	Cost transaction	SSSSSS	RRRRRR	SSSSSSDDDDDD	RRRRRRDDDDDD
Bid Job	Reversal Cost Transaction when the job is won	SSSSSS	RRRRRR	SSSSSSDDDDDD	RRRRRRDDDDDD
Won Job	Transferred Cost Transaction	SSSSSS	RRRRRR	SSSSSSDDDDDD	RRRRRRDDDDDD

WIP Processing –Concurrent users and data integrity (15.05367)

JC WIP processing may be performed concurrently by many users and there may be instances when multiple users may update the WIP record of the same job in a specific period and attempt posting the same.

In order to prevent duplicate posting of WIP amounts, CMiC has implemented a logic to issue a message to users to re-query the record and posting will not be allowed.

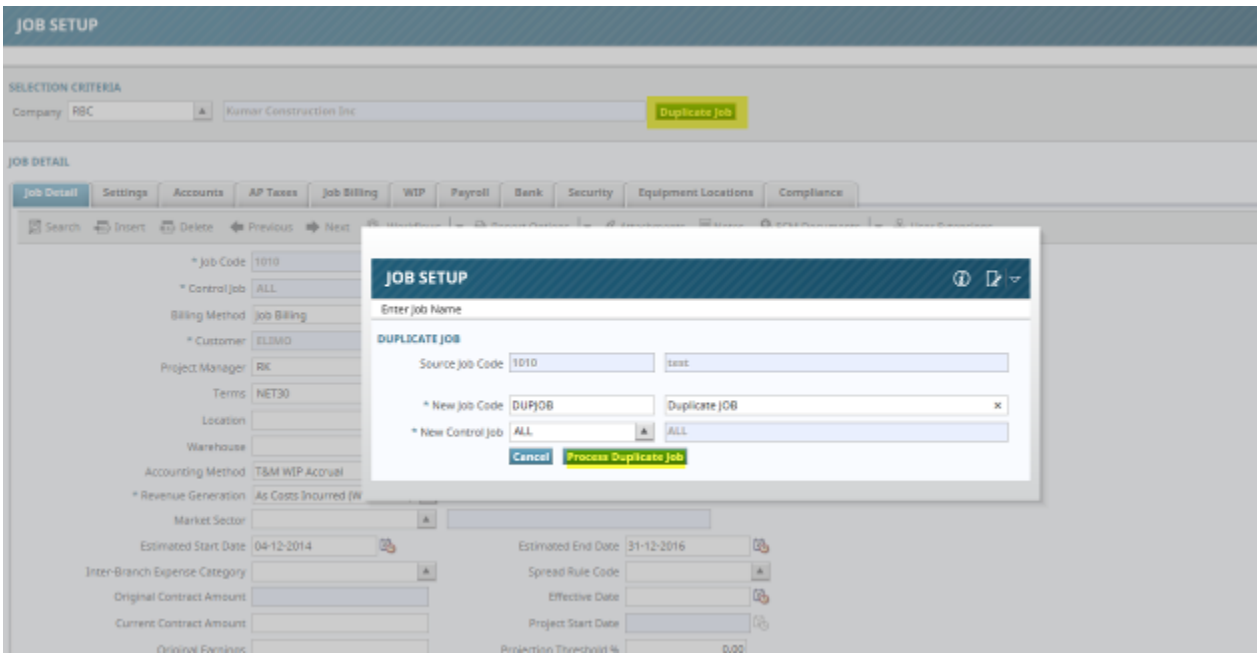
This ensures that the users 'refresh/re-query' the screen to view the current status and column values and act accordingly.



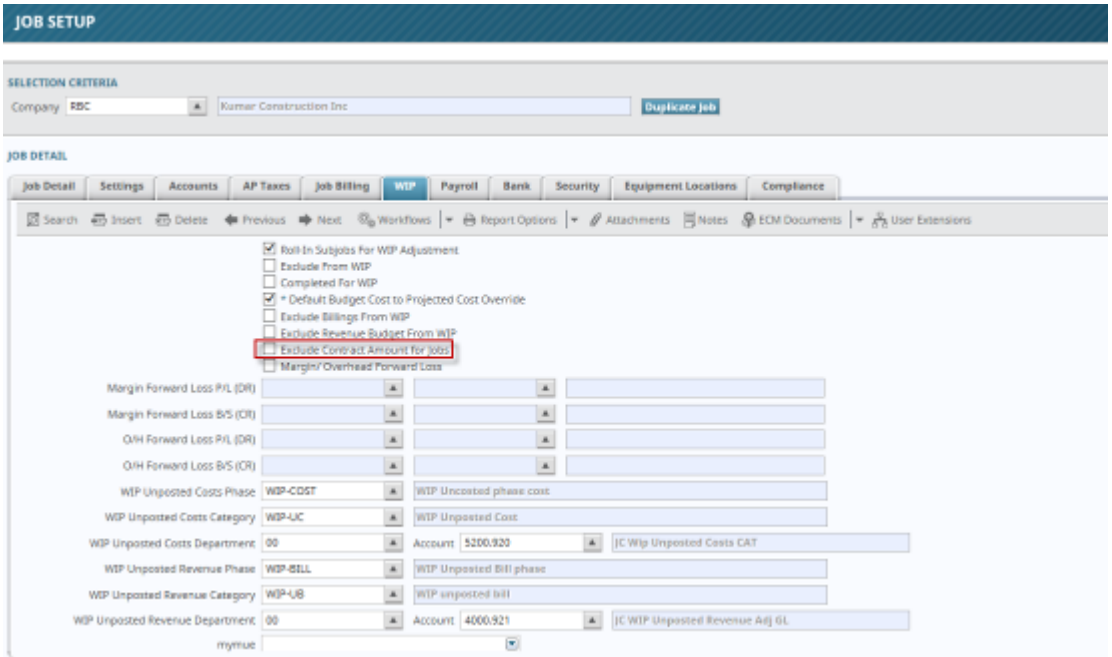
NOTE: When in WIP posting tab, it is a good practice for users to re-query the WIP record for a job before processing. Once re-queried, they may review the amounts to check whether they correspond to their intended updates and then post.

Ability to duplicate a Job to a New Job (16.19624)

CMiC has added button [Duplicate Job] on the Job Entry Screen which provides a functionality to user to duplicate a new job from the existing job. Clicking on Duplicate button will launch a Pop up to enter New Job Code, name and Controlling Job code. After entering the required job code, name and control job code if User clicks the Process Duplicate Job button details of source job will copy to new job.



Option to exclude Contract Amount from WIP (16.19234)

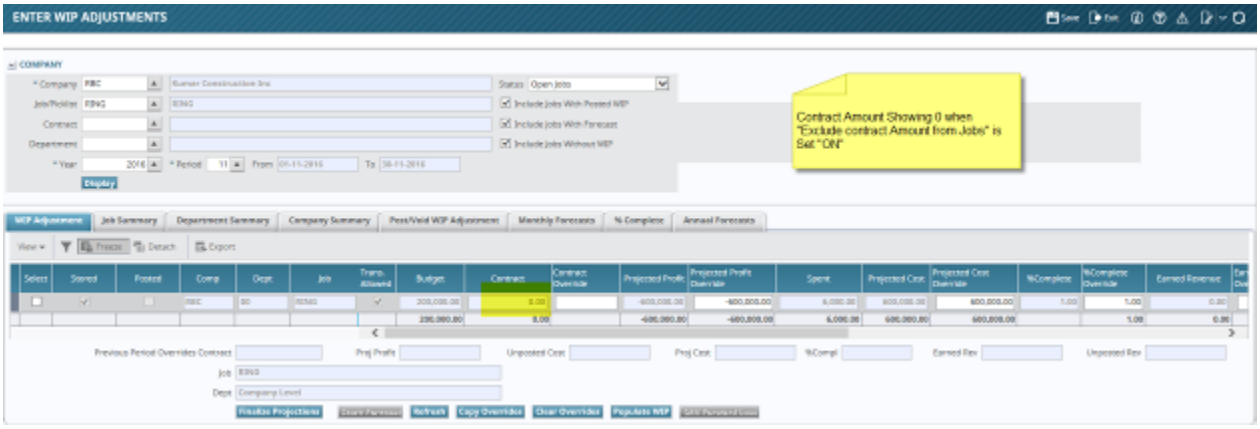


CMiC added a checkbox "Exclude contract amount for jobs" on the WIP tab of the job Setup Screen. Default value of the flag is set as “OFF” (un-checked). The user will be able to change this option.

When this is checked, the contract amount on the WIP screen will be set as ‘zero’ and all the column values in WIP screen that use the contract amount will also consider contract Amount to be zero.

Users need to refresh twice after checking the Flag to get correct values for the columns using contract Amount for their calculations.

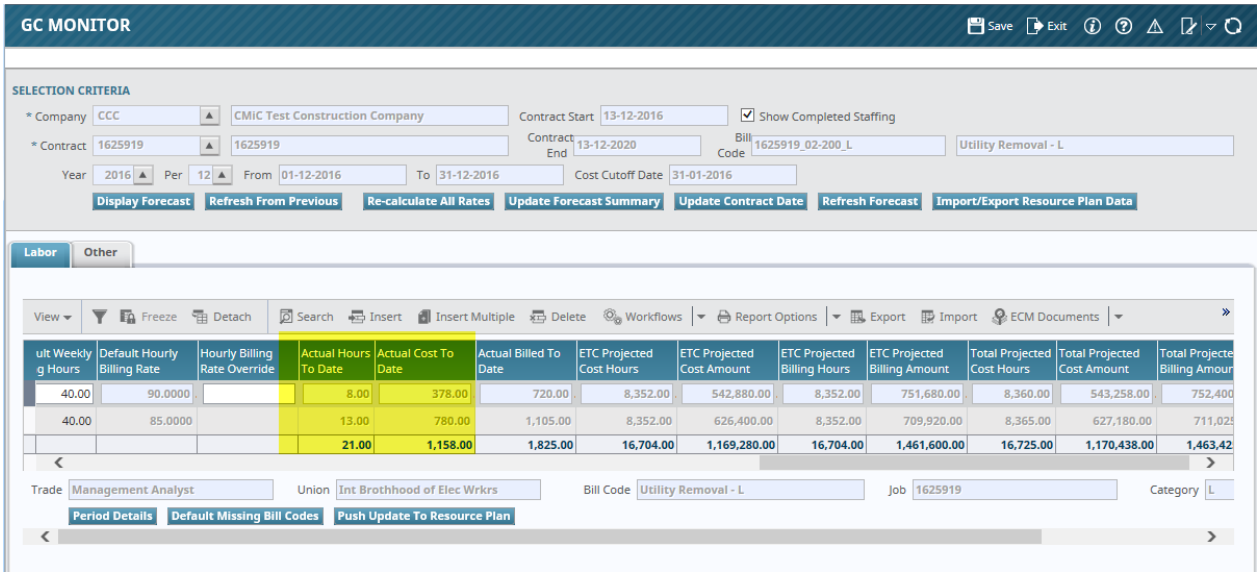
If users update the ‘Override Contract Amount’ column, then this value will be used for all calculations.



Labor Forecast Actual Cost Hours and Amount To Date (16.25919)

Modification:

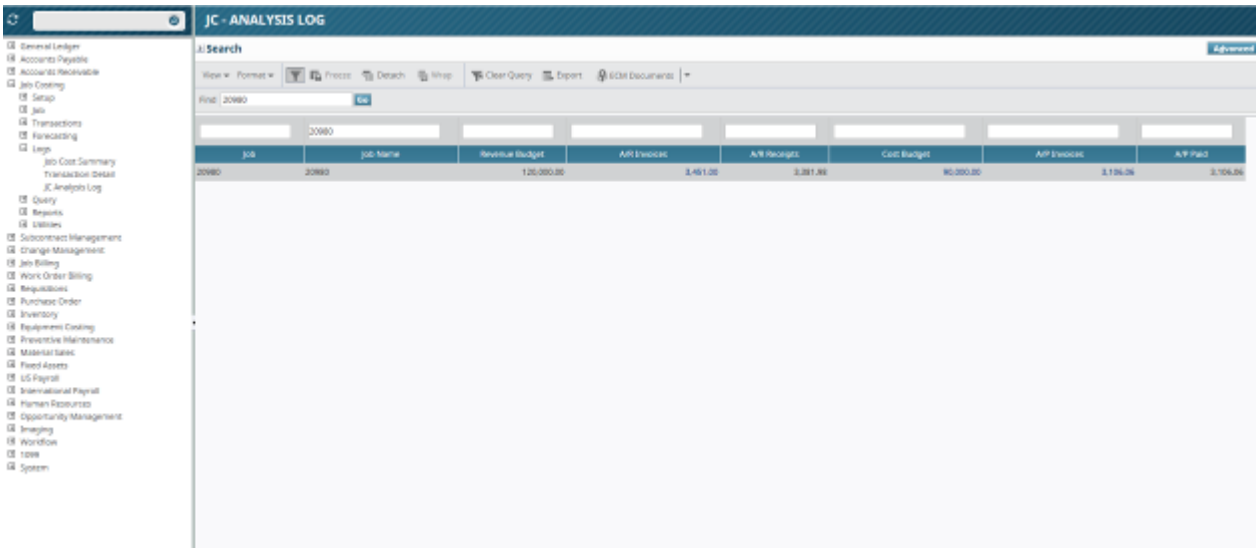
CMiC made changes to populate actual hours to date and Actual cost amount to date when employee with existing posted timesheet entries, is added to a bill code in the GC monitor.
Upon insert of a new labor record, and when Employee, trade and union columns are populated, upon clicking ‘save’ Actual Cost Hours and Actual Cost Amount to date will be defaulted from the payroll posted time entry transactions.



JC -Analysis Log Added (16.20980)

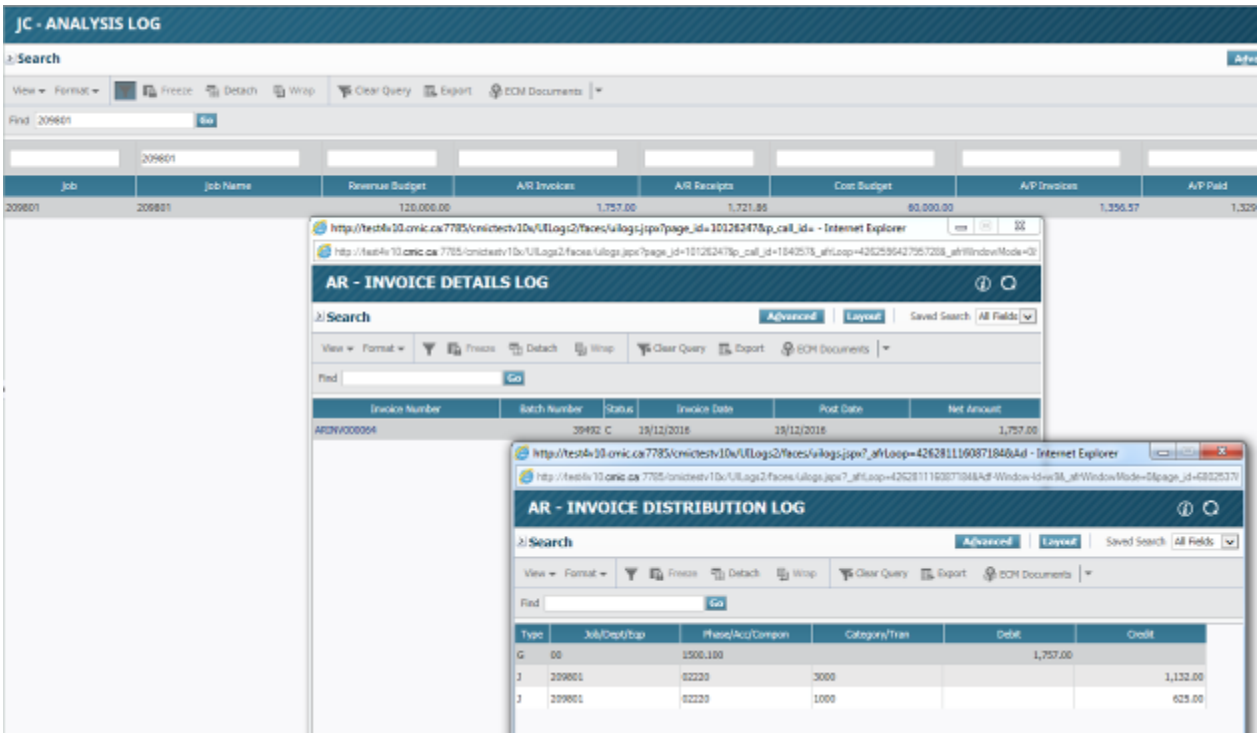
Overview:

CMiC added a new Log under JC named as JV- Analysis Log which has all the following information:
1. Contract Amount (Total revenue budget)
2. Accounts receivable invoices posted against the job.
3. Accounts receivable receipts posted against the job.
4. Cost budget
5. Accounts Payable invoices posted against the job.
6. Accounts Payable checks posted against the job.
7. Committed costs
8. Committed remaining



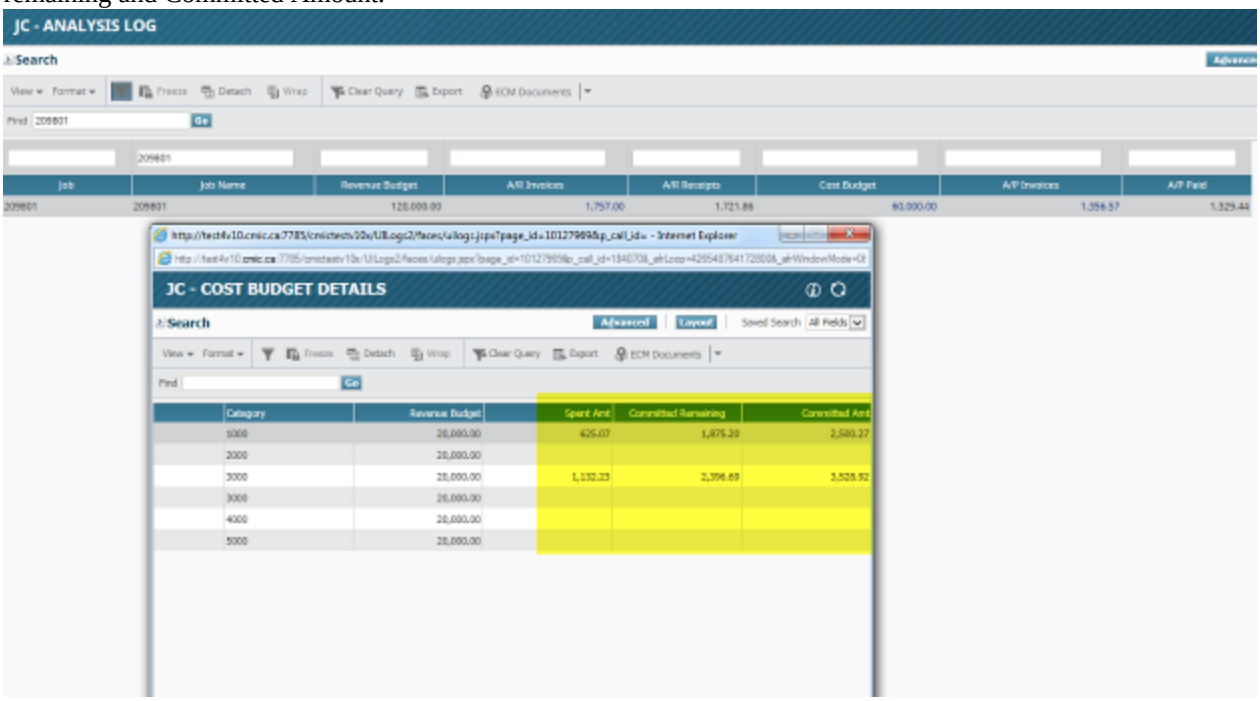
Modifications:

1. Contract Amount (Total revenue budget from the job budget screen and not the billing contract).
2. Accounts receivable invoices posted against the job with drill down capabilities into each A/R invoice. Distribution details pop up also appear for the invoice upon clicking on Invoice.

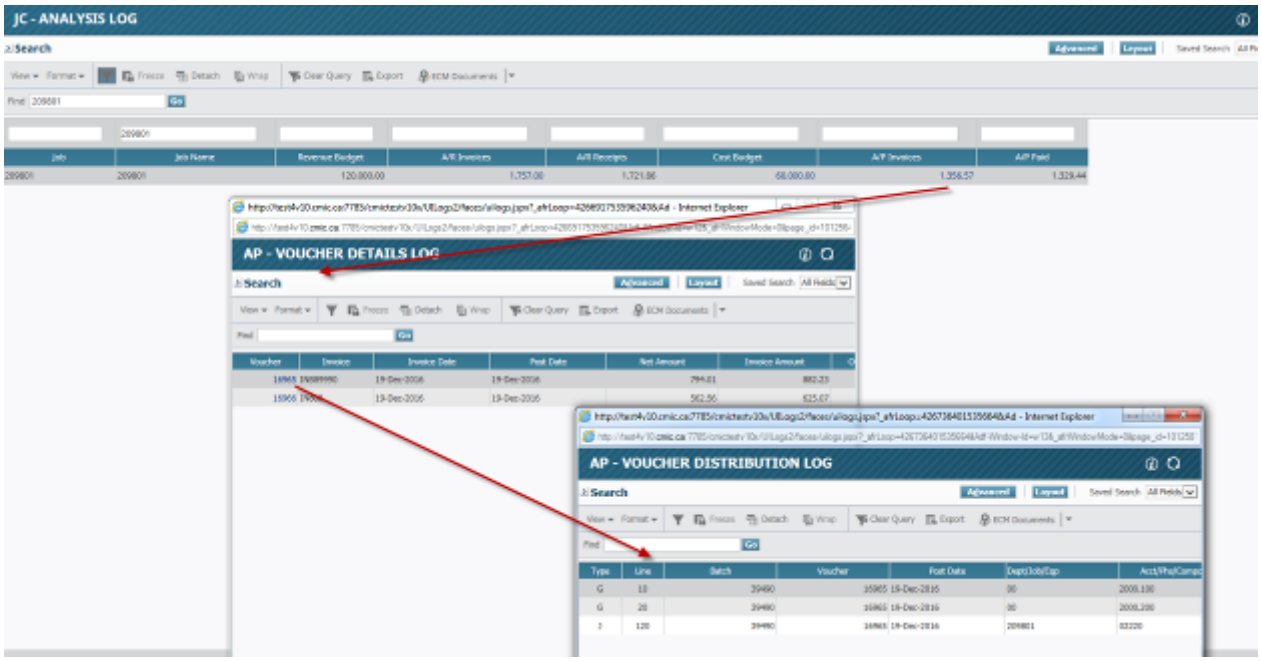


3. Accounts receivable receipts posted against the job i.e. total dollar amount of the A/R receipts to date.

4. Cost budget with drill down capabilities into the cost budget by cost code including the spent and committed remaining and Committed Amount.



5. Accounts Payable invoices posted against the job with drill down capabilities into each A/P invoice. Distribution details can be viewed by clicking on invoice under drill down for A/P invoices.

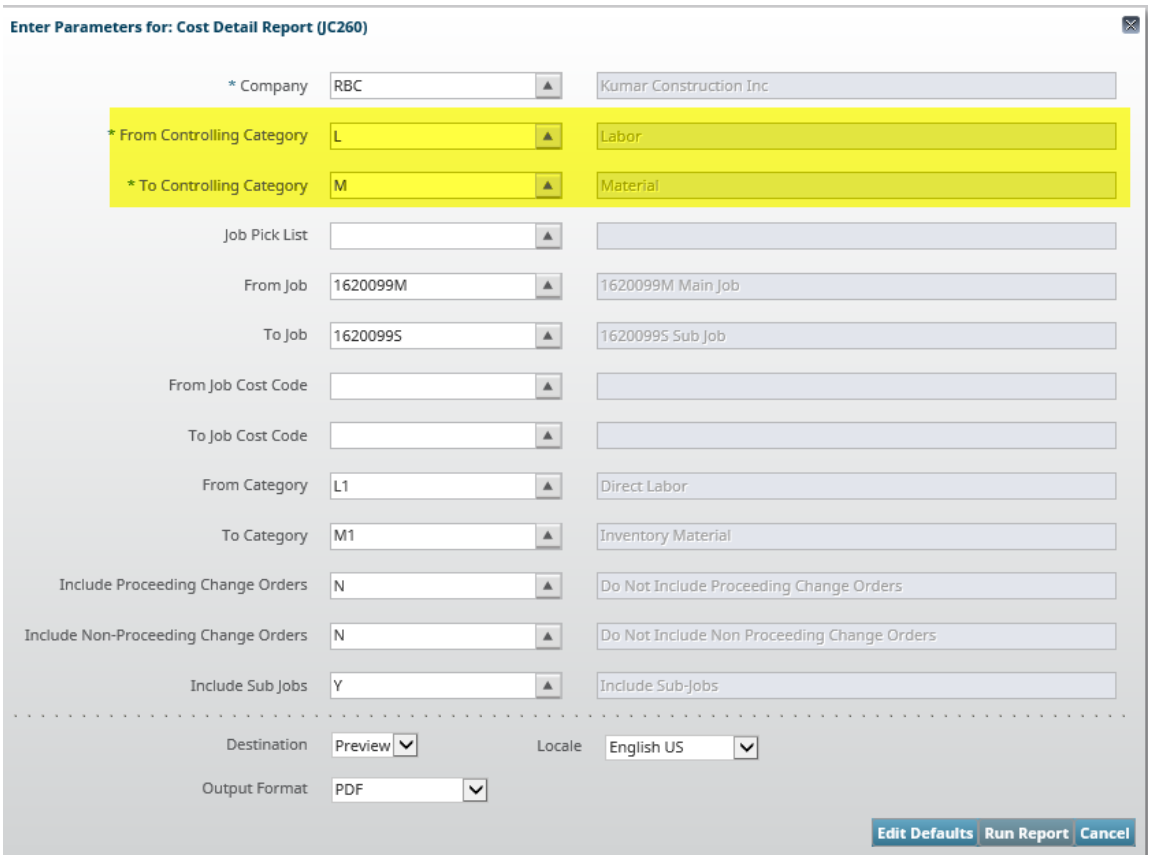


6. Last column on the log is Accounts Payable checks posted against the job i.e. total dollar amount of the AP payments to date.

JC Cost Detail Report -Added To / From Controlling Categories (16.20099)

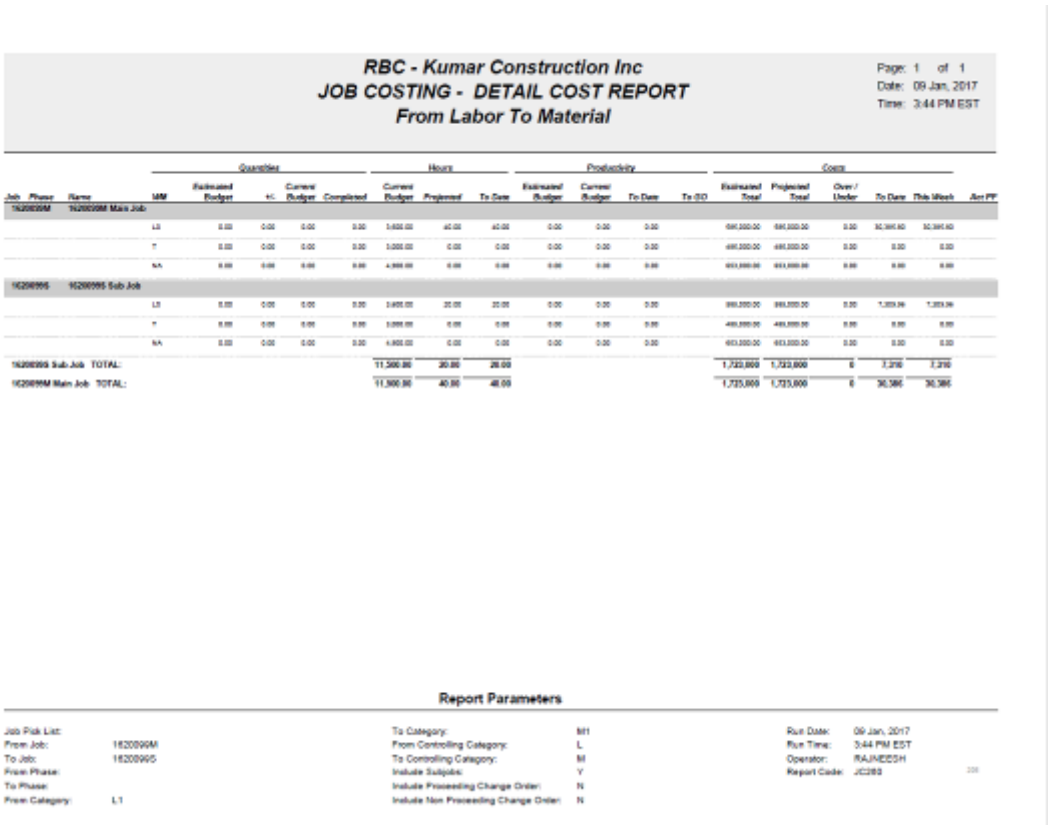
Overview:

CMiC modified Cost detail report by adding two new mandatory parameters “To” and “From” for controlling categories.



Modifications:

This functionality help users to run the Cost detail report for a range of control categories. For this purpose, the report launch screen is modified to allow the user to specify a range of control categories. The from and to categories will be validated to ensure they are only the categories that belong to the range of specified control categories.
Report header is also modified to show range of controlling categories.



RBC - Kumar Construction Inc
JOB COSTING - DETAIL COST REPORT
From Labor To Material

Page: 1 of 1
Date: 09 Jan, 2017
Time: 3:44 PM EST

Job	Phase	Name	UM	Quantities: Estimated Budget	+/-	Current Budget	Completed	Hours: Current Budget	Projected	To Date	Productivity: Estimated Budget	Current Budget	To Date	To EO	Costs: Estimated Total	Projected Total	Over / Under	To Date	This Week	Act PF
16200996		16200996 Main Job																		
			L0	0.00	0.00	0.00	0.00	1,500.00	40.00	40.00	0.00	0.00	0.00		690,000.00	690,000.00	0.00	32,385.60	32,385.60	
			T	0.00	0.00	0.00	0.00	1,000.00	0.00	0.00	0.00	0.00	0.00		495,000.00	495,000.00	0.00	0.00	0.00	
			NA	0.00	0.00	0.00	0.00	4,000.00	0.00	0.00	0.00	0.00	0.00		553,000.00	553,000.00	0.00	0.00	0.00	
16200995		16200995 Sub Job																		
			L0	0.00	0.00	0.00	0.00	3,400.00	20.00	20.00	0.00	0.00	0.00		690,000.00	690,000.00	0.00	7,359.36	7,359.36	
			T	0.00	0.00	0.00	0.00	3,000.00	0.00	0.00	0.00	0.00	0.00		495,000.00	495,000.00	0.00	0.00	0.00	
			NA	0.00	0.00	0.00	0.00	4,900.00	0.00	0.00	0.00	0.00	0.00		553,000.00	553,000.00	0.00	0.00	0.00	
16200995 Sub Job TOTAL:								11,500.00	20.00	20.00					1,733,000	1,733,000	0	7,310	7,310	
16200996 Main Job TOTAL:								11,500.00	40.00	40.00					1,735,000	1,735,000	0	39,386	39,386	

Report Parameters

Job Pick List:		To Category:	M1	Run Date:	09 Jan, 2017
From Job:	16200996M	From Controlling Category:	L	Run Time:	3:44 PM EST
To Job:	16200995	To Controlling Category:	M	Operator:	RAJNEESH
From Phase:		Include Subjobs:	Y	Report Code:	JC280
To Phase:		Include Proceeding Change Order:	N		
From Category:	L1	Include Non Proceeding Change Order:	N		

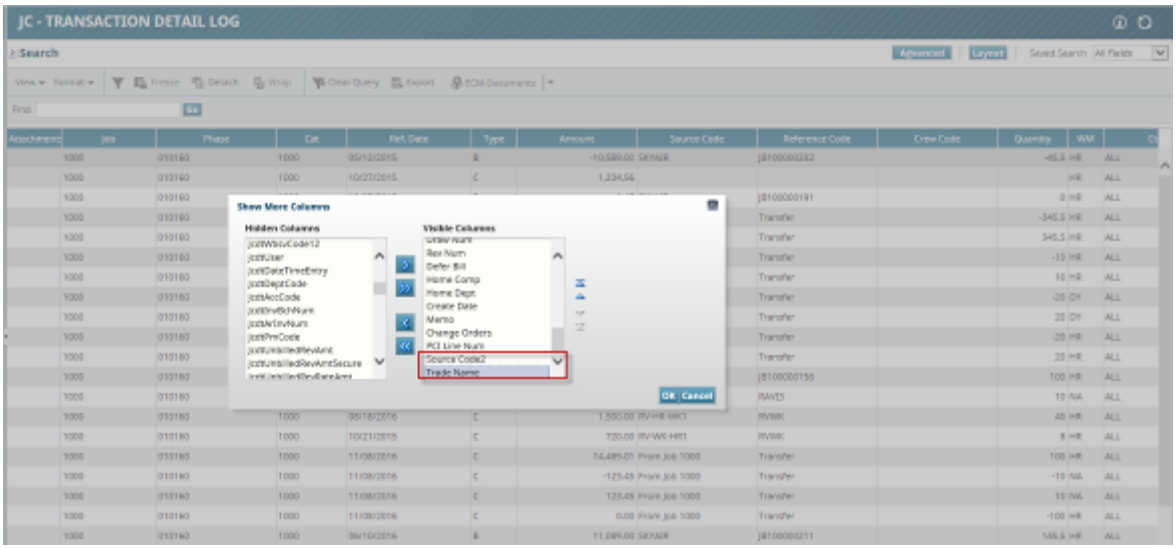
JC Cost Transactions – Trade Code & Name columns (16.24390)

Added the JCDT_SRC_CODE2 to the JC transaction Log and G/C Prepare Billing programs. The newly added description column will display the trade name of the trade code populated in the JCDT_SRC_CODE2 for Payroll transactions.

These two columns will display data, only when the column JCDETAIL JCDT_SRC_CODE2 is populated with Payroll Trade Code.

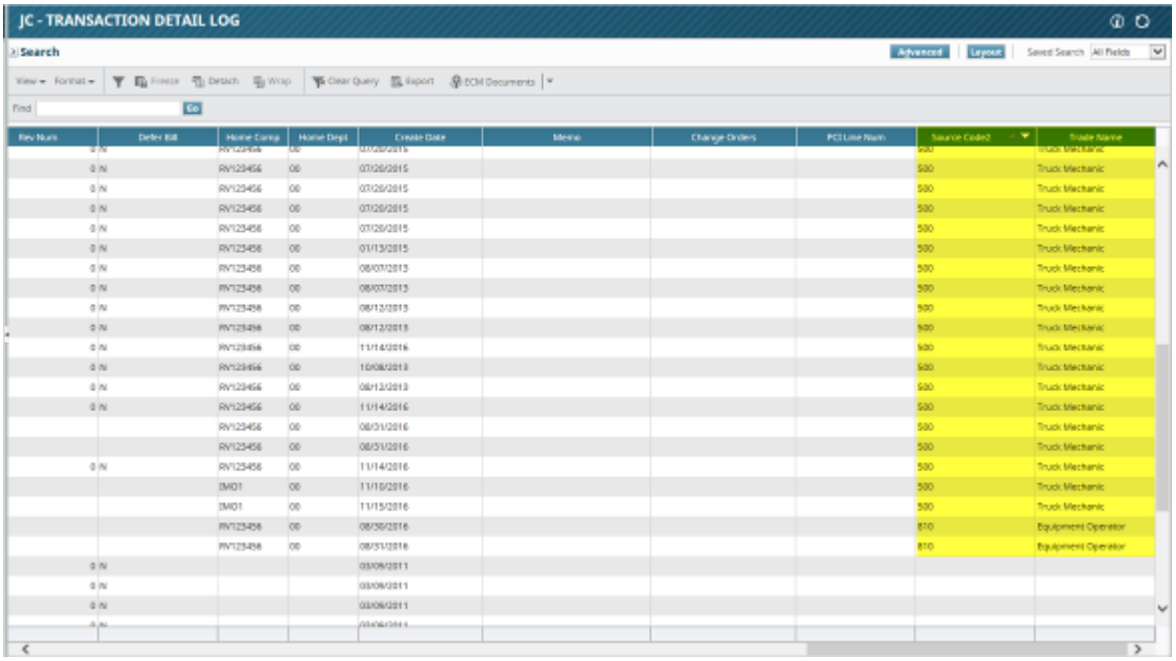
NOTE: This modification is implemented in ADF only, both in v10x and v12

JC transaction Detail Log



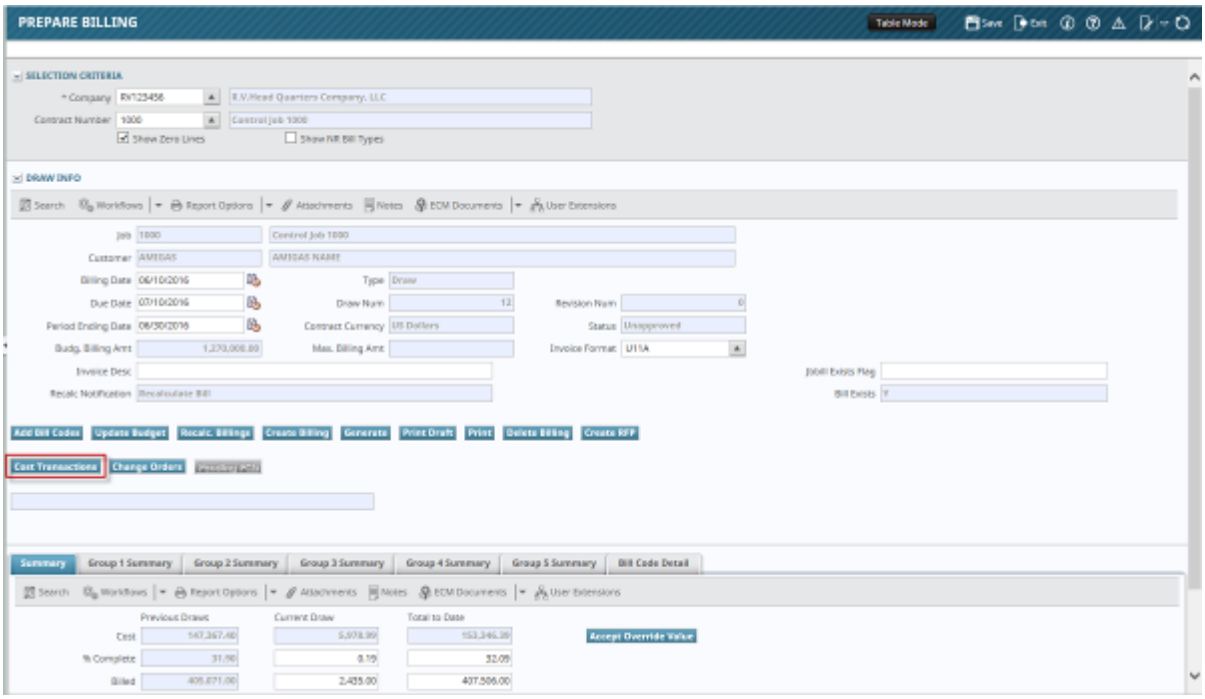
JC > Transaction Detail Log

The Transaction Detail log now has two new columns ‘Source Code2 and Trade Name as shown above.

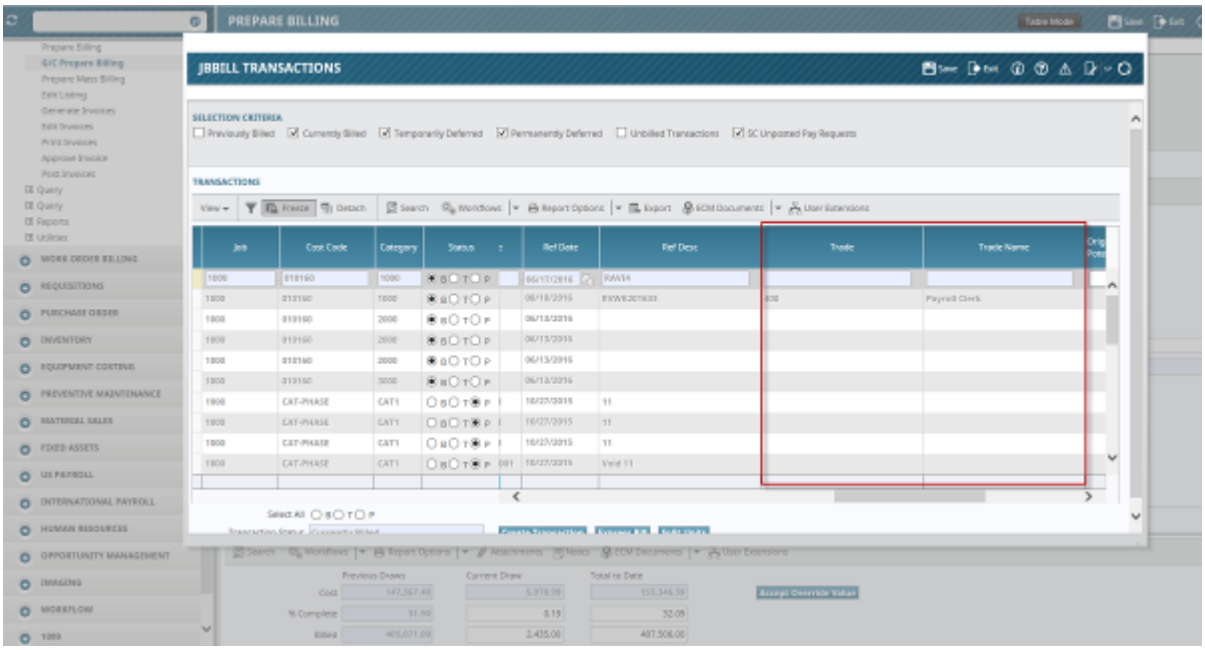


The JC Detail Transactions posted from Payroll, may populate the Source Code2 column depending on the payroll setup and the program that posts the data. When this field is populated with Payroll Trade Code, then the log will display the corresponding Trade Name.

G/C Prepare Billing



JB > G/C Prepare Billing



JB > G/C Prepare Billing > Cost Transactions

The Cost Transactions pop-up screen in ‘G/C Prepare Billing’ program also shows two new columns, ‘Trade’ and ‘Trade Name’. The Trade column refers to the column JCDT_SRC_CODE2 in JCDETAIL table and the Trade Name column retrieves the corresponding Trade Name from the Payroll tables.

Here again depending on the Payroll setup and the posting programs, when the trade code is populated, then the Cost Transactions Detail will display the Trade Code and the Trade Name values.

JC WIP based on Billings – Calculations (16.22217)

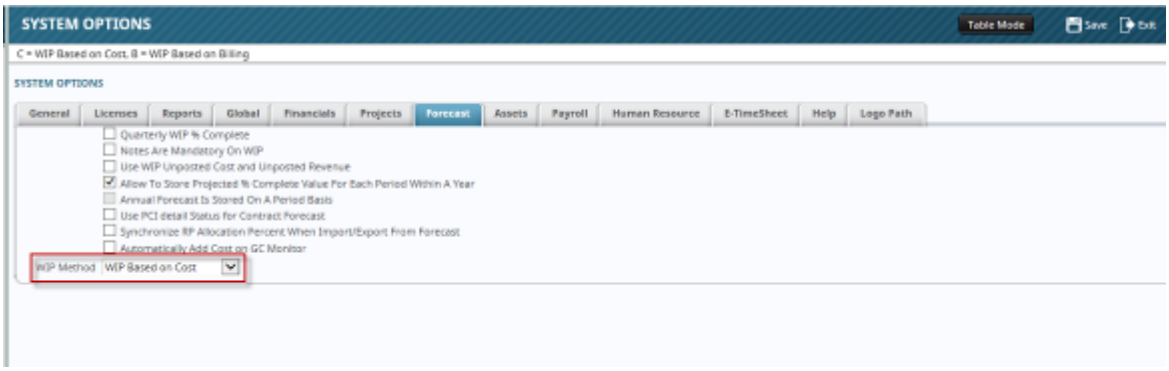
WIP Method:

WIP is generally based on 'Cost' which is mostly followed in North American business processes. Due to other international practices, WIP may have to be calculated based on 'Billings'.

This modification now allows to calculate the WIP based on Billings with the new setting.

System Options:

The system Options is modified with an option for WIP Method selection. This is in the 'Forecasting' tab as a drop down list with options WIP Based on Cost / Billing. The default values if 'Cost', which is an existing functionality and applies to majority of customers.



During implementation, as required, users may set this option either way as 'WIP Based on Cost or Billings.' This is a onetime setting and normally NOT updated by users.

Calculations:

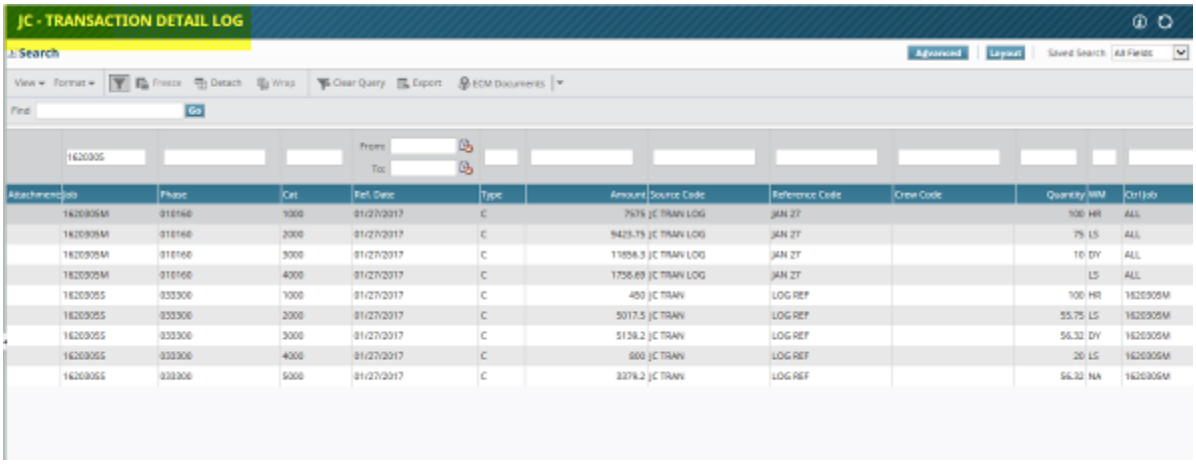
The following are the calculations when 'WIP based on Billings' is set in system options.

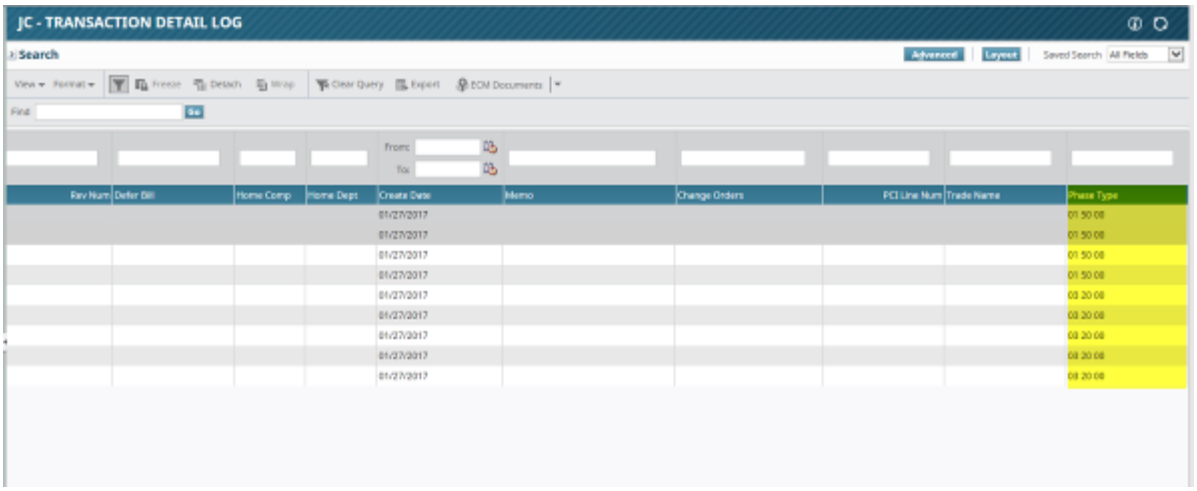
Sl.No	JC WIP Column	Calculations These are the default system calculations and cannot be overridden by users	JC WIP Column	Calculations with Overrides These are the system calculations and can be overridden by users
1	%Complete	Billed / Contract	%Complete Override	Billed / Contract Override
2	Projected Profit	Contract – Cost Budget	Projected Profit Override	Contract Override – Projected Cost Override
3	Earned Revenue	% Complete * Cost Budget	Earned Revenue Override	% Complete Override * Projected Cost Override

4	Over / Under	Earned Revenue – Spent Cost	Over / Under	Earned Revenue Override – Spent Cost

JC Transaction Detail Log – Phase Type column (16.20305)

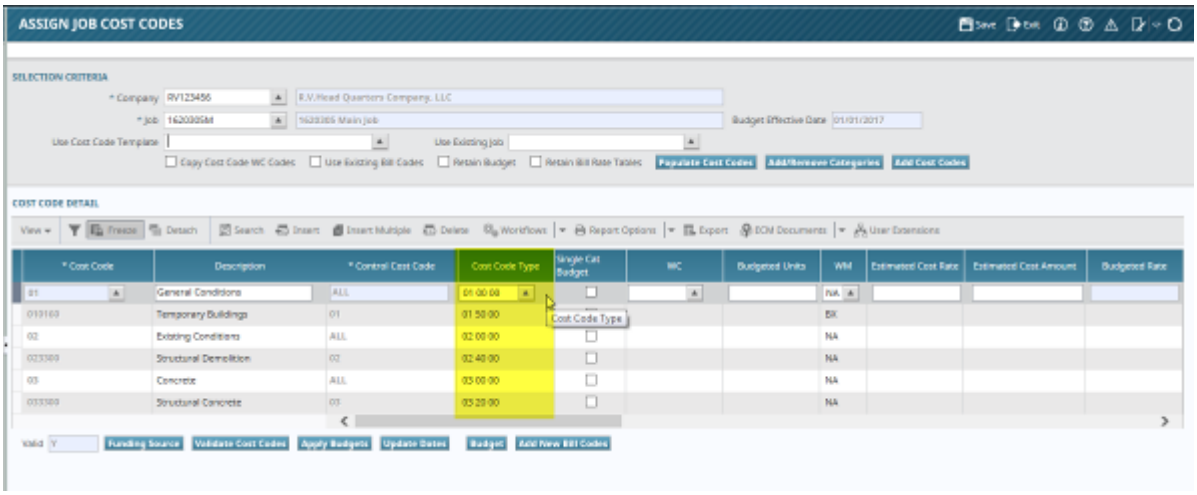
The JC Transaction Detail Log is modified with a new column 'Phase Type'. This is available at the end of the log; which users may re-order as required.





The **'Cost Code Types'** are retrieved from the Job > Assign Cost Codes program, and populated in the log against transaction detail lines with corresponding cost codes.

Users must be aware that the Cost Code Master maintenance also has the 'Cost Code Type' column, which is simply defaulted when assigning cost codes to a job. At job level, users can update the value. The Job level cost code types are the ones displayed in JC transaction Detail Log screen.



Users may reorder the column to any position as required.

NOTE: The value may be 'Null', if the cost codes assigned to the job do NOT have any cost type code assigned.

Restrict entry by Distribution Type in 'Enter Cost Transactions' screen (16.23391)

Overview

Restrict entry by transaction type (distribution type) in 'Enter Cost Transactions' screen, based on System/User Level Role Privilege.

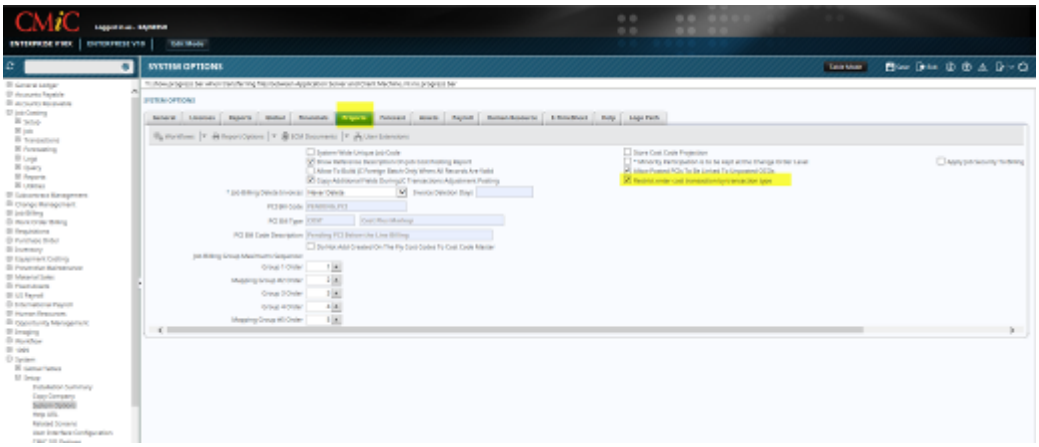
Modifications

System Options:

A new flag "Restrict Enter Cost transaction by transaction type" is added to the Projects Tab in System Options Screen, to enable or disable the new feature of restricting the users from entering E,G,J or W distribution types in JC Cost Transaction Entry screen.

This functionality will be turned ON, only when the flag is set as 'Y' (Checked).

The default value is 'N' (un-checked or OFF), to maintain the existing functionality.



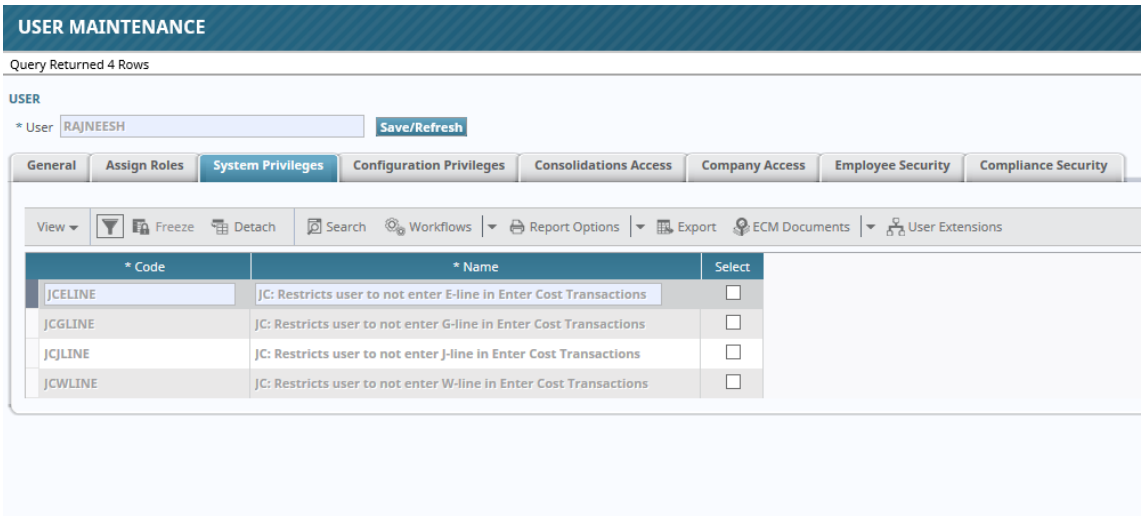
Role Privileges:

Added four System Role privileges as follows:

Code:	Name:
JCELINE	JC: Restricts user to not enter E-line in Enter Cost Transactions
JCJLINE	JC: Restricts user to not enter J-line in Enter Cost Transactions
JCGLINE	JC: Restricts user to not enter G-line in Enter Cost Transactions
JCWLINE	JC: Restricts user to not enter W-line in Enter Cost Transactions

Based on these privileges, users will NOT be allowed to enter the transaction type in the enter cost transaction screen. These privileges will be used to restrict entry of E-Line, J-Line, G-Line and W-Line. Default value of all the four privileges will be set off to maintain current functionality.

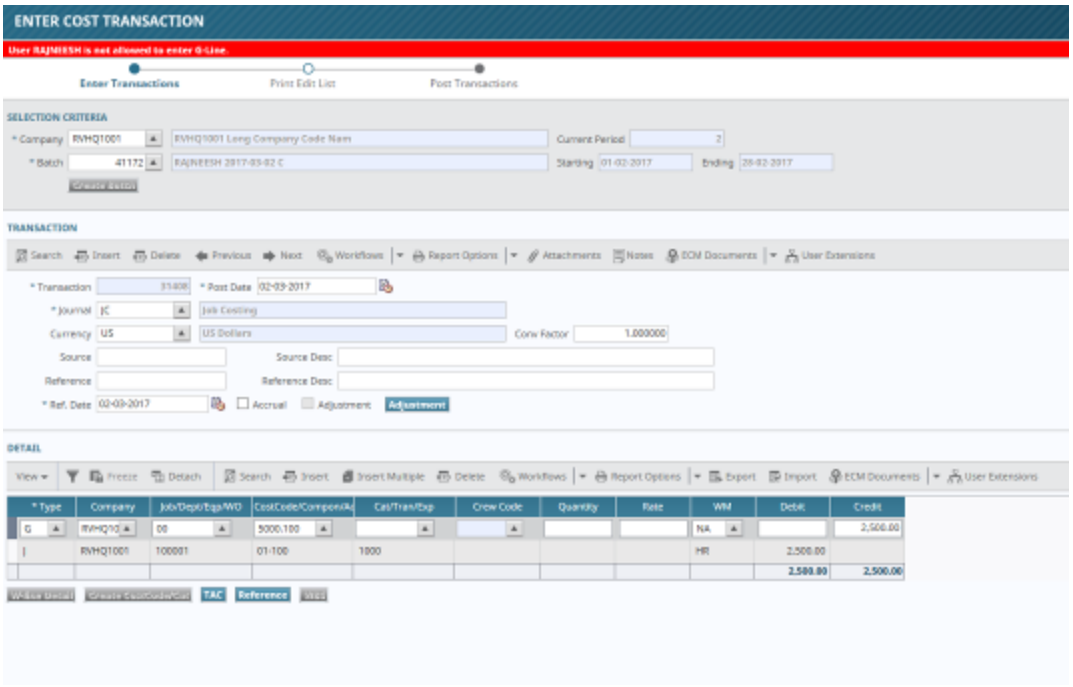
These privileges will only function when System level privilege “Restrict Enter Cost transaction by transaction type” is set as “Y”.



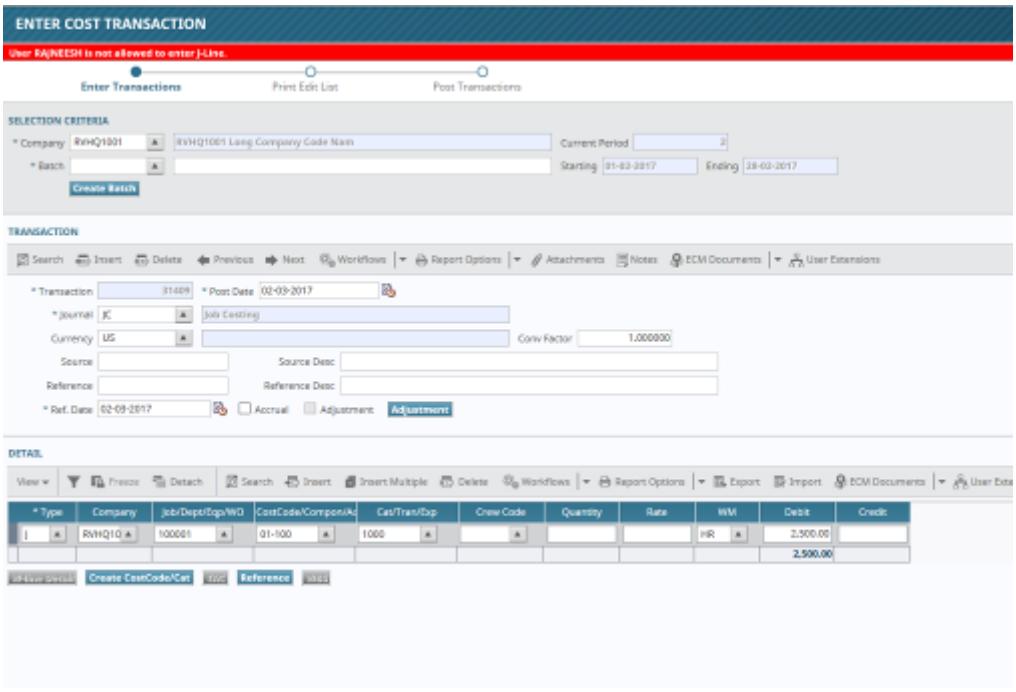
When the System options flag “Restrict enter cost transaction by transaction type” is ON and any of the 4 new privileges is ON, then the users will be restricted from entering those distribution types in JC transaction Entry and an appropriate warning message will be displayed and will not be allowed to proceed.

For Example:

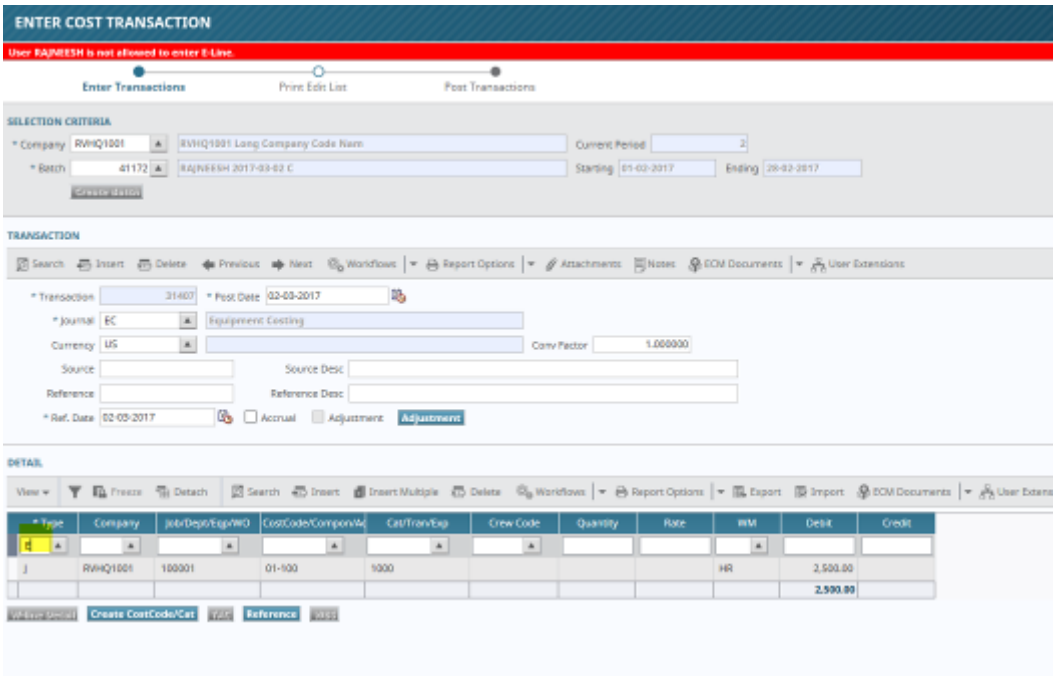
If the flag “Restrict enter cost transaction by transaction type” is ON and JCGLINE privileges is ON, user will not be able to add G type transaction in Enter Cost Transaction screen.



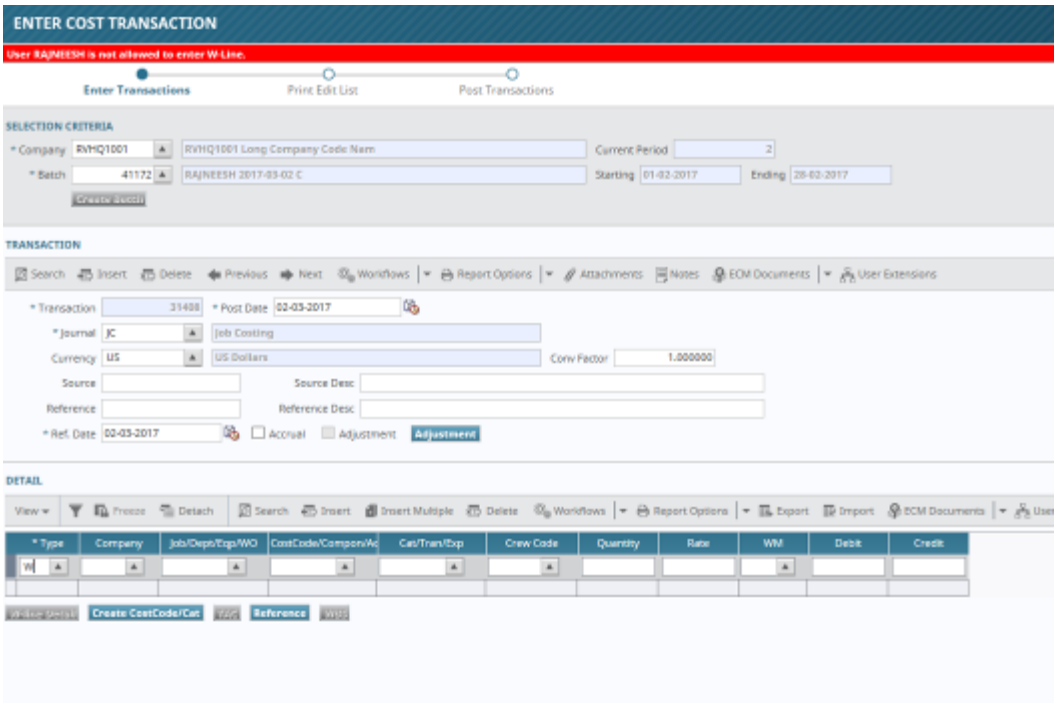
If the flag “Restrict enter cost transaction by transaction type” is ON and JCJLINE privileges is ON, user will not be able to add J type transaction in Enter Cost Transaction screen.



If the flag “Restrict enter cost transaction by transaction type” is ON and JCELINE privileges is ON, user will not be able to add E type transaction in Enter Cost Transaction screen.



If the flag “Restrict enter cost transaction by transaction type” is ON and JCWLINE privileges is ON, user will not be able to add E type transaction in Enter Cost Transaction screen.



IMPORTANT NOTE:

The same functionality applies to Enter Billing Transaction in JC and Journal Transaction Entry in Equipment Costing modules. All these three programs use the same JC Transaction Entry screen and hence the functionality applies to all.

Functionality to limit to single category selection in Job Cost Transaction Entry Screen (17.29258)

Overview

Added functionality to limit to single category selection in Job Cost Transaction Entry Screen.

System Options:

A new flag “Limit Category Selection to a Single Category in Job Cost Transaction Entry Screen” is added to the Projects Tab in System Options Screen.

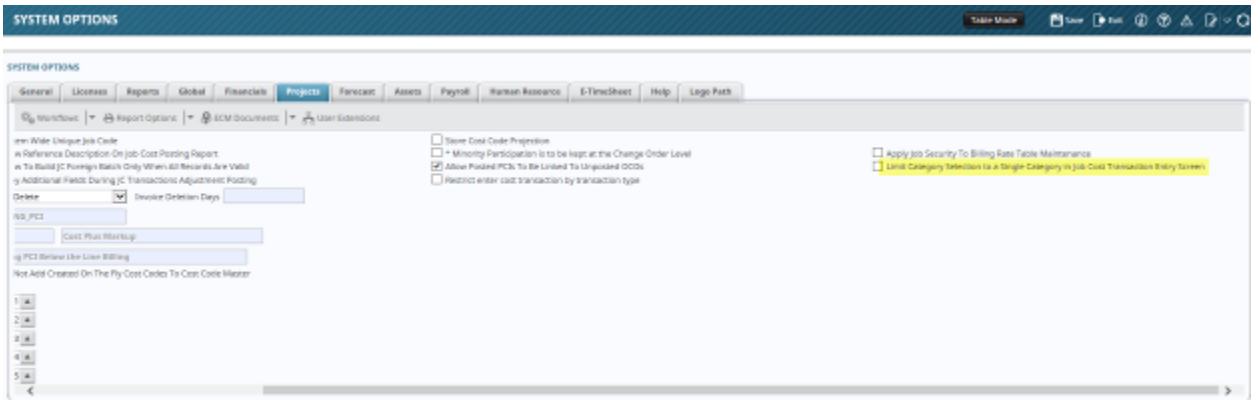
Un-Checked:

Existing functionality applies across all the companies.

The default value is ‘N’ (un-checked or OFF), to maintain the existing functionality.

Checked:

Users will not be allowed to select more than one category in JC Transaction entry program within a transaction in a batch.



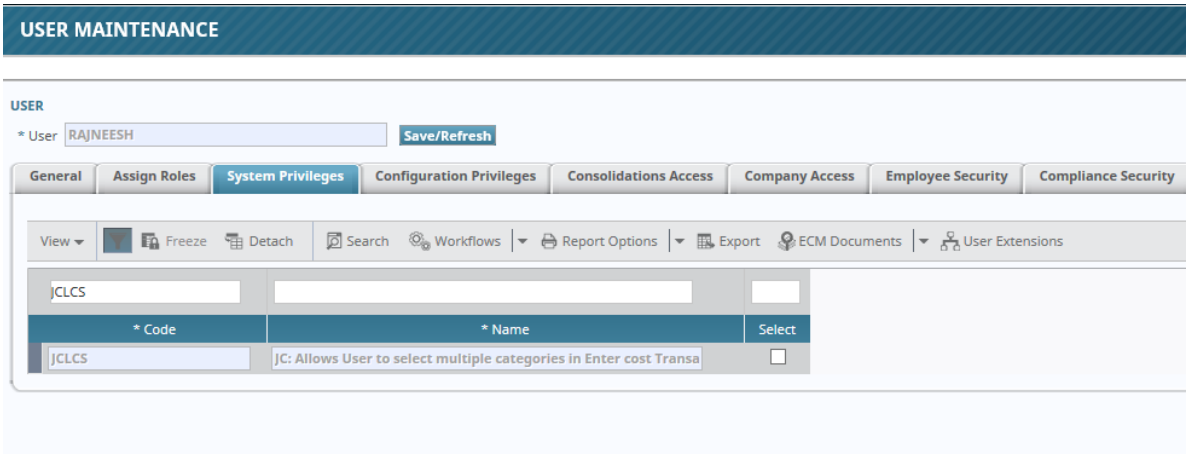
Role Privilege:

A new Role Privilege JCLCS when set as 'Y' will override the system level flag.

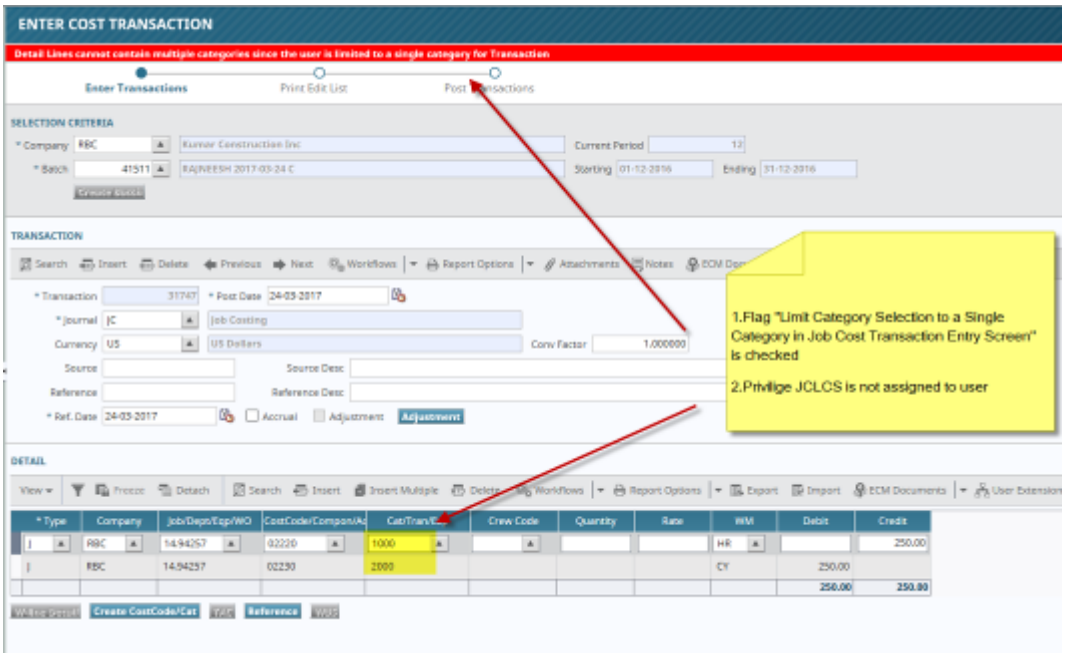
Users with this privilege, allows multiple categories within a JC transaction batch.

JCLCS: "JC: Allows User to select multiple categories in Enter Cost Transactions"

The default value is 'N' (un-checked or OFF).



If a user is not assigned with this privilege and flag at system level is checked, upon entering JC transaction with multiple categories, an error message will be displayed as "**Detail Lines cannot contain multiple categories since the user is limited to a single category for Transaction**" and will not be allowed to proceed further.

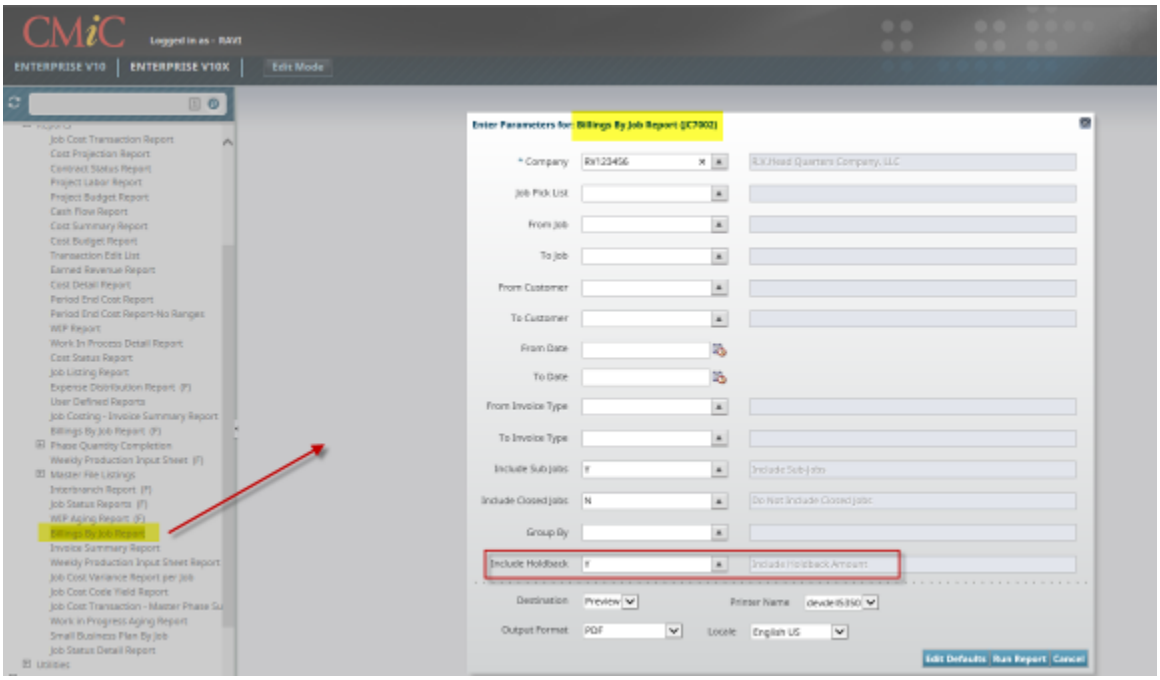


IMPORTANT NOTE:
The same functionality applies to Enter Billing Transaction in JC and Journal Transaction Entry in Equipment Costing modules. All these three programs use the same JC Transaction Entry screen and hence the functionality applies to all.

Billings by Job Report (JC7002) new parameter (17.38505)

The Billings by Job Report (JC7002) is enhanced with an additional report parameter to set whether the 'Holdback' amount is included or not under the Invoice Gross Amount column.

The title of the column will be changed as 'Invoice Amount' when the parameter is set to 'Exclude Holdback Amount.



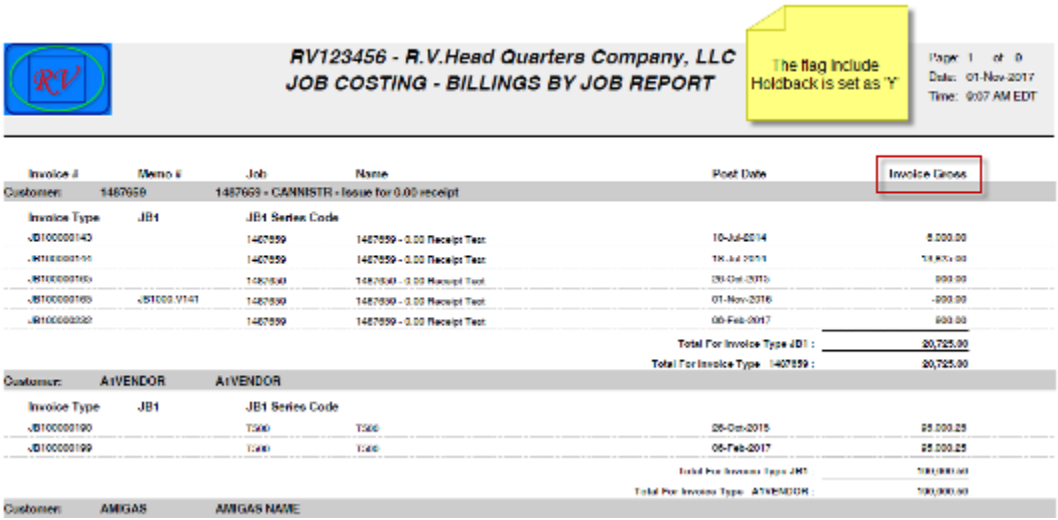
JC7002 Billings By Job Report Parameters

The Report Parameter form has the new field 'Include Holdback (Y/N)'. The default Value is set as 'Y' to maintain existing functionality.

CASE 1:

Include Holdback Amount = 'Y'

When set as 'Y', the existing functionality applies. The Invoice Gross Amount column will include the holdback amount.

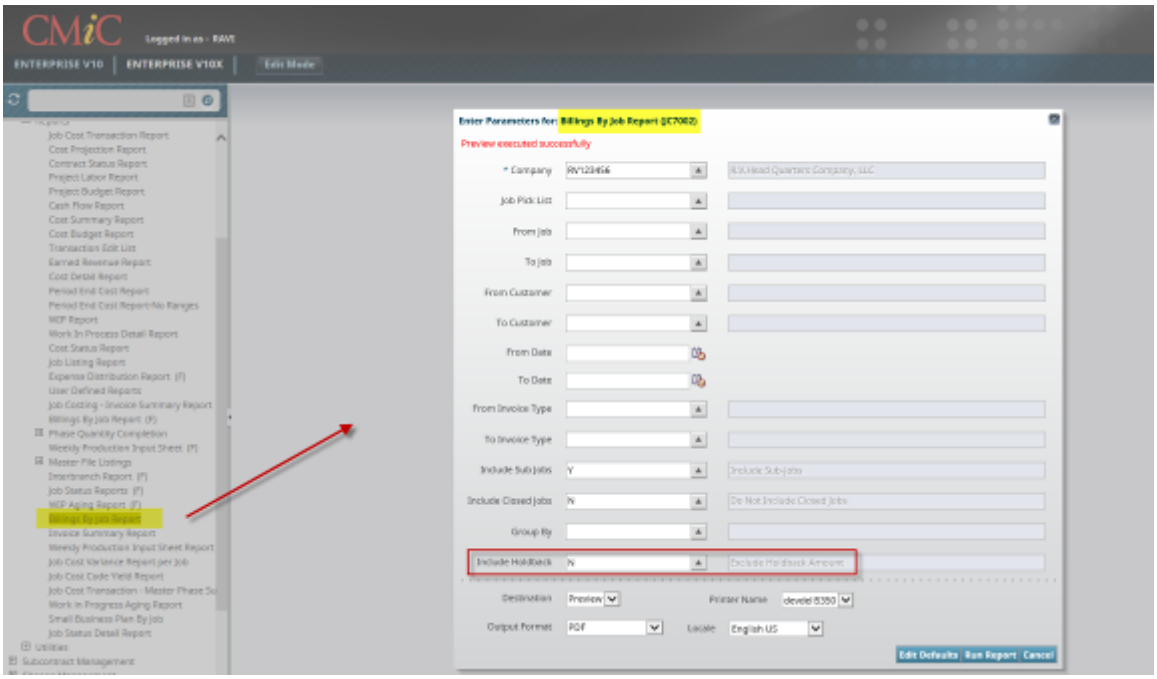


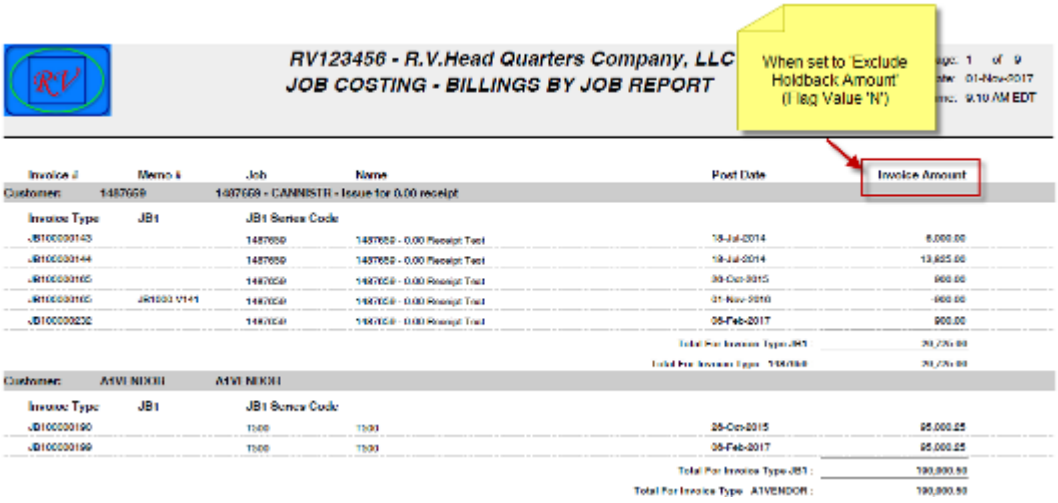
CASE 2:

Exclude Holdback Amount = 'N'

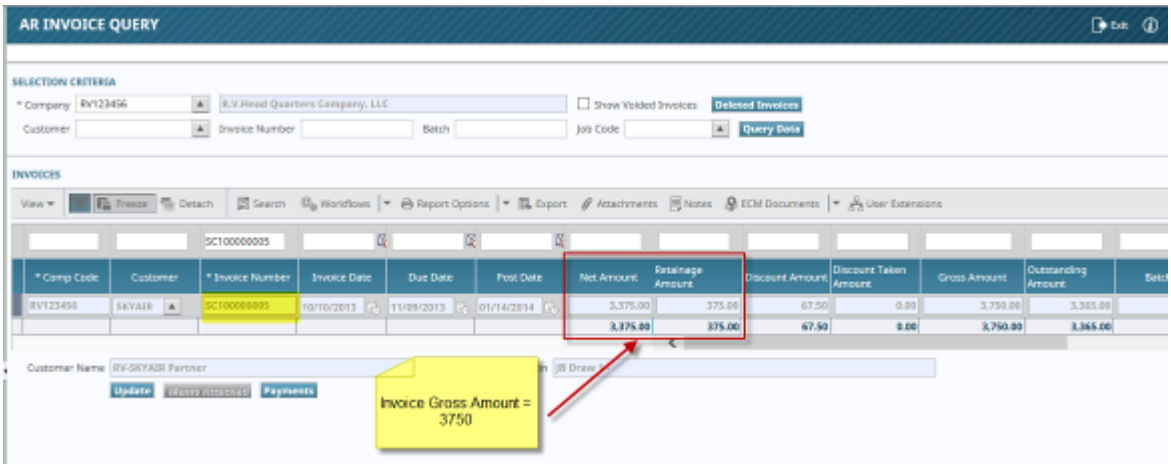
The Invoice Gross Amount column title will be changed to read as 'Invoice Amount'.

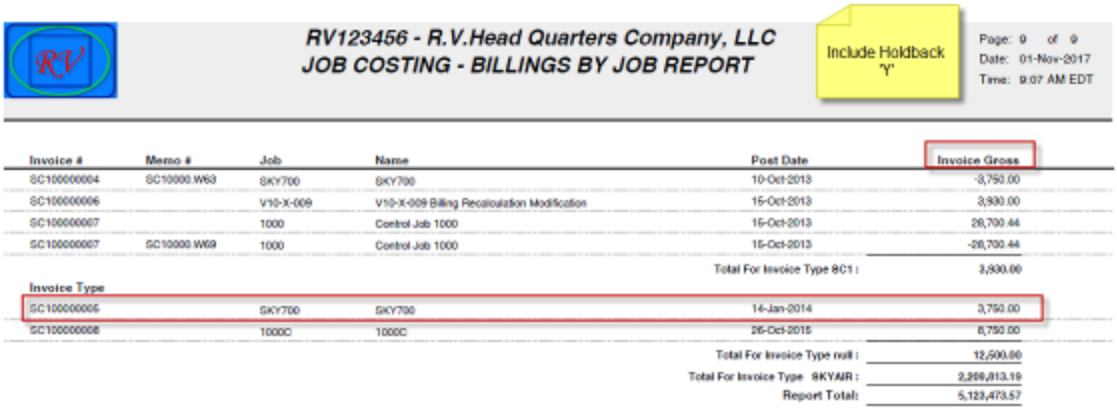
The Invoice Amount column will exclude any hold back amount and show the Net Amount.

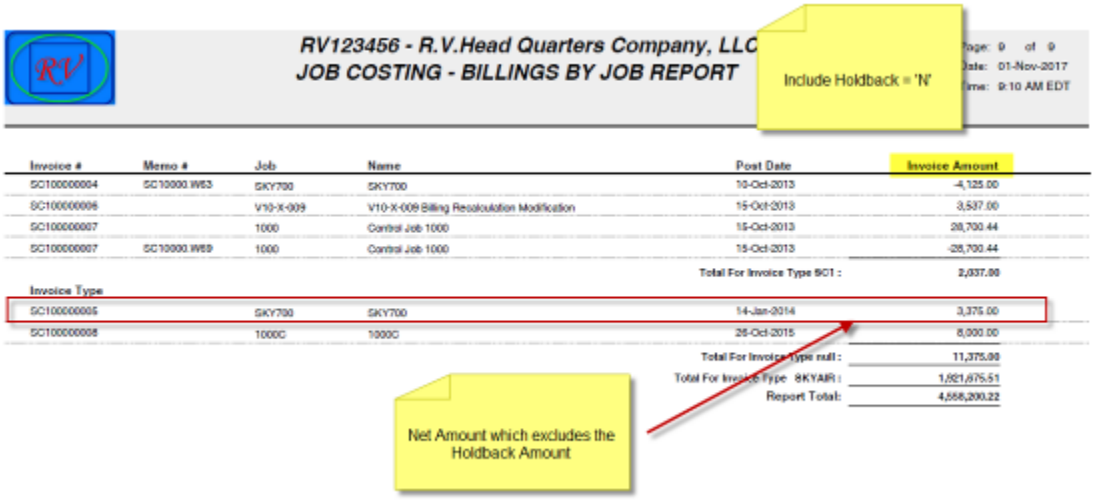




The following screens showing the two reports for the same invoice when compared to the Invoice Query.


AR INVOICE QUERY
SELECTION CRITERIA
INVOICES
Net Amount
Retainage Amount
Discount Amount
Discount Taken Amount
Gross Amount
Outstanding Amount
3,375.00
375.00
67.50
0.00
3,750.00
3,365.00
Invoice Gross Amount = 3750

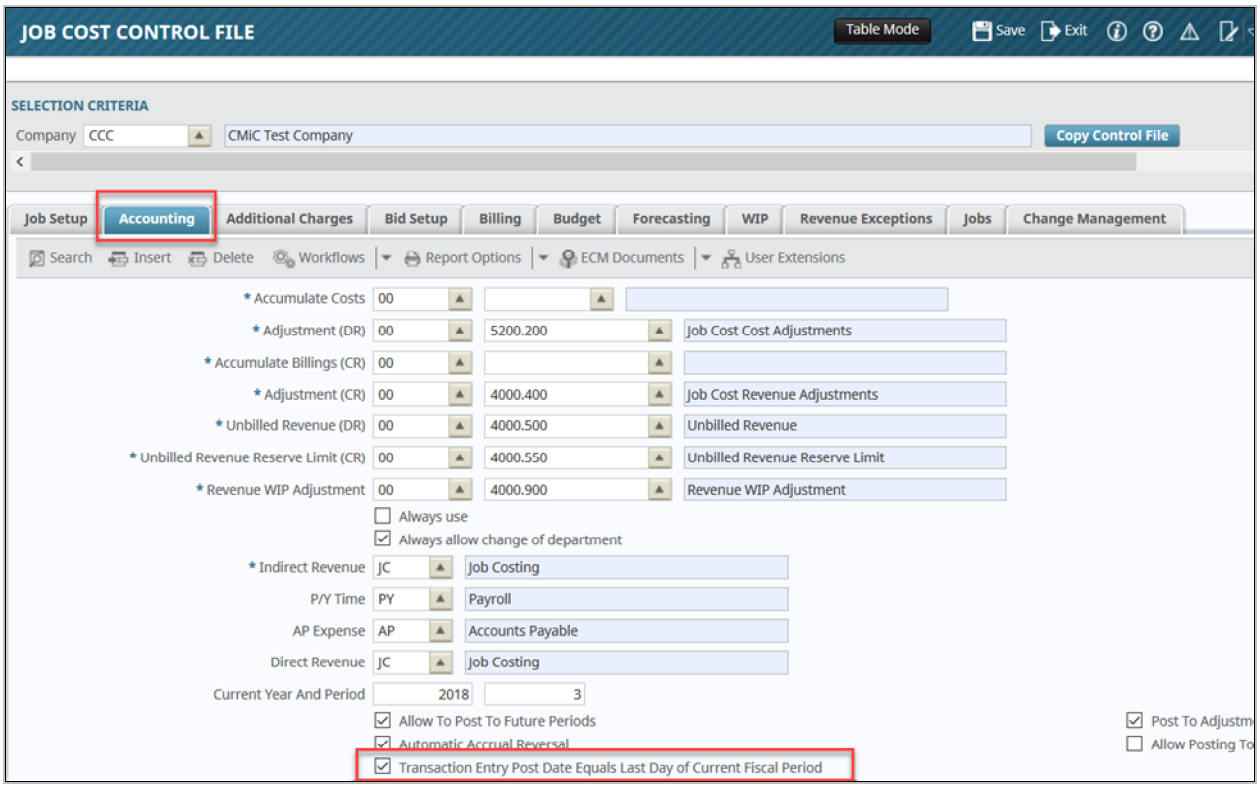

RV123456 - R.V.Head Quarters Company, LLC
JOB COSTING - BILLINGS BY JOB REPORT
Include Holdback 'Y'
Page: 9 of 9
Date: 01-Nov-2017
Time: 9:07 AM EDT
Invoice #
Memo #
Job
Name
Post Date
Invoice Gross
SC100000004
SC10000.W63
SKY700
SKY700
10-Oct-2013
-3,750.00
SC100000006
V10-X-009
V10-X-009 Billing Recalculation Modification
15-Oct-2013
3,930.00
SC100000007
1000
Control Job 1000
15-Oct-2013
28,700.44
SC100000007
SC10000.W69
1000
Control Job 1000
15-Oct-2013
-28,700.44
Total For Invoice Type 8C1 :
3,930.00
Invoice Type
SC100000005
SKY700
SKY700
14-Jan-2014
3,750.00
SC100000008
1000C
1000C
26-Oct-2015
8,750.00
Total For Invoice Type null :
12,500.00
Total For Invoice Type 8KYAIR :
2,209,813.19
Report Total:
5,123,473.57


RV123456 - R.V.Head Quarters Company, LLC
JOB COSTING - BILLINGS BY JOB REPORT
Include Holdback = 'N'
Invoice #
Memo #
Job
Name
Post Date
Invoice Amount
SC100000004
SC10000.W63
SKY700
SKY700
10-Oct-2013
-4,125.00
SC100000006
V10-X-009
V10-X-009 Billing Recalculation Modification
15-Oct-2013
3,537.00
SC100000007
1000
Control Job 1000
15-Oct-2013
28,700.44
SC100000007
SC10000.W69
1000
Control Job 1000
15-Oct-2013
-28,700.44
Total For Invoice Type 8C1 :
2,037.00
Invoice Type
SC100000005
SKY700
SKY700
14-Jan-2014
3,375.00
SC100000008
1000C
1000C
26-Oct-2015
8,000.00
Total For Invoice Type null :
11,375.00
Total For Invoice Type 8KYAIR :
1,921,675.51
Report Total:
4,556,200.22
Net Amount which excludes the Holdback Amount

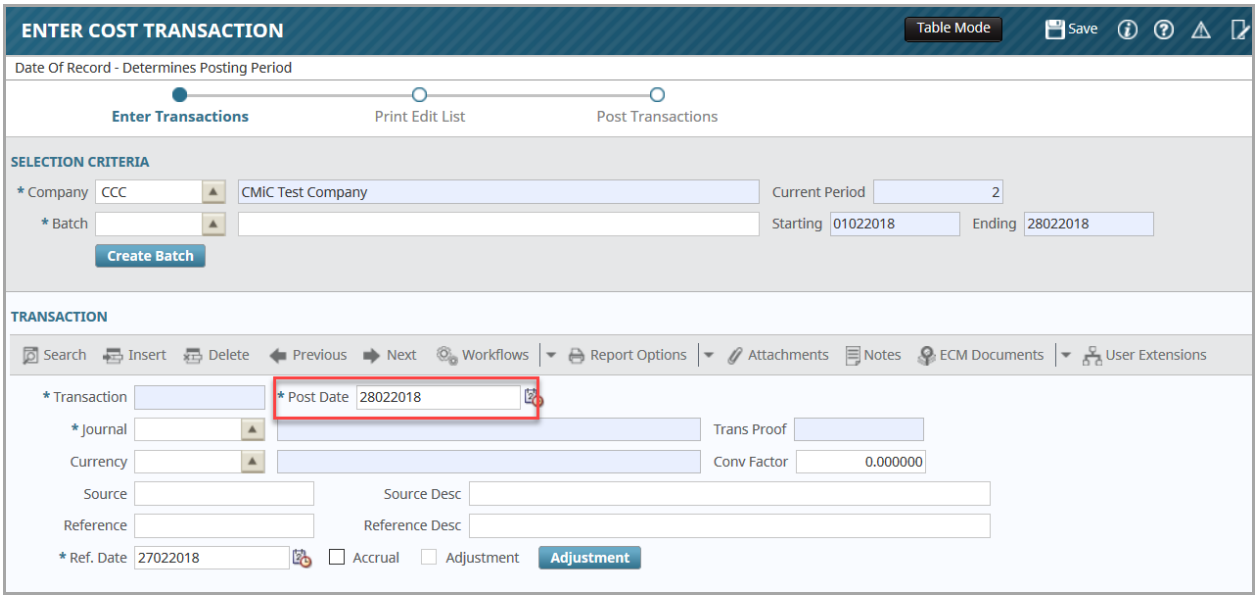
Defaulting the Post Date based on the last day of current period
(17.45478)

The Job Costing Control Screen is modified:

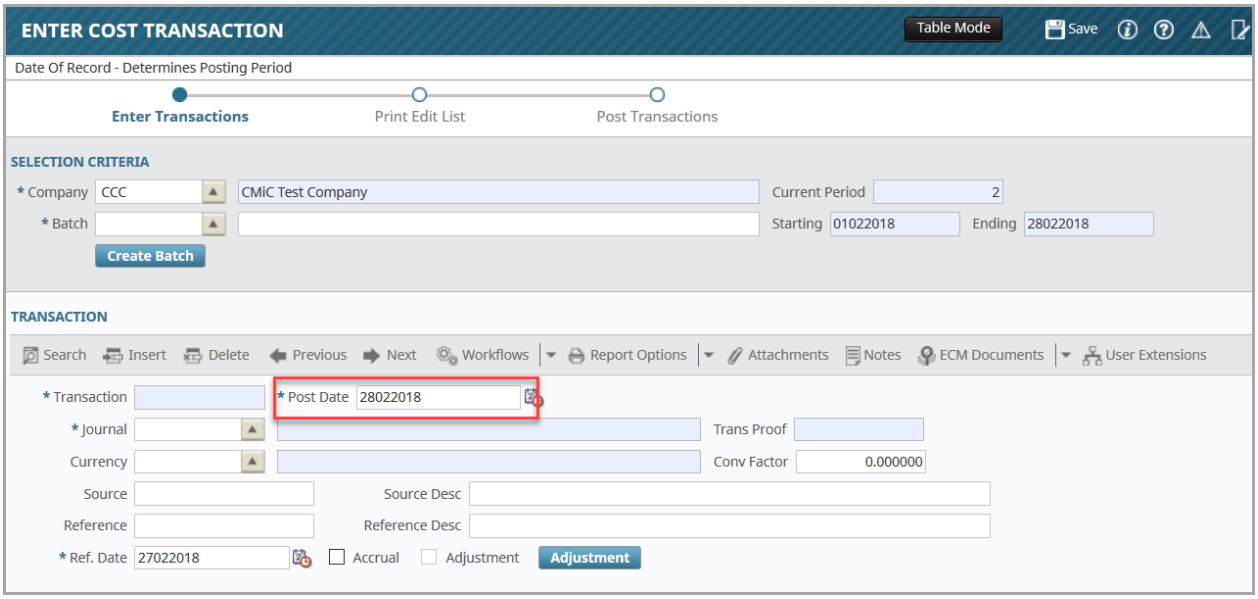
- a new flag 'Transaction Entry Post Date Equals Last Day of Current Fiscal Period' was added to the Job Costing Control screen on Accounting tab. If the flag is checked then the Post Date on the transaction entry screens (**JC – Transactions – Enter Cost Transaction, JC – Transactions – Enter Billing Transaction and EC – Transactions – Enter Transaction**) will default to the last day of the current fiscal period as defined on the company setup. If the flag is unchecked then the Post Date on the transaction entry screens will default to the system date. By default, flag is unchecked (N).



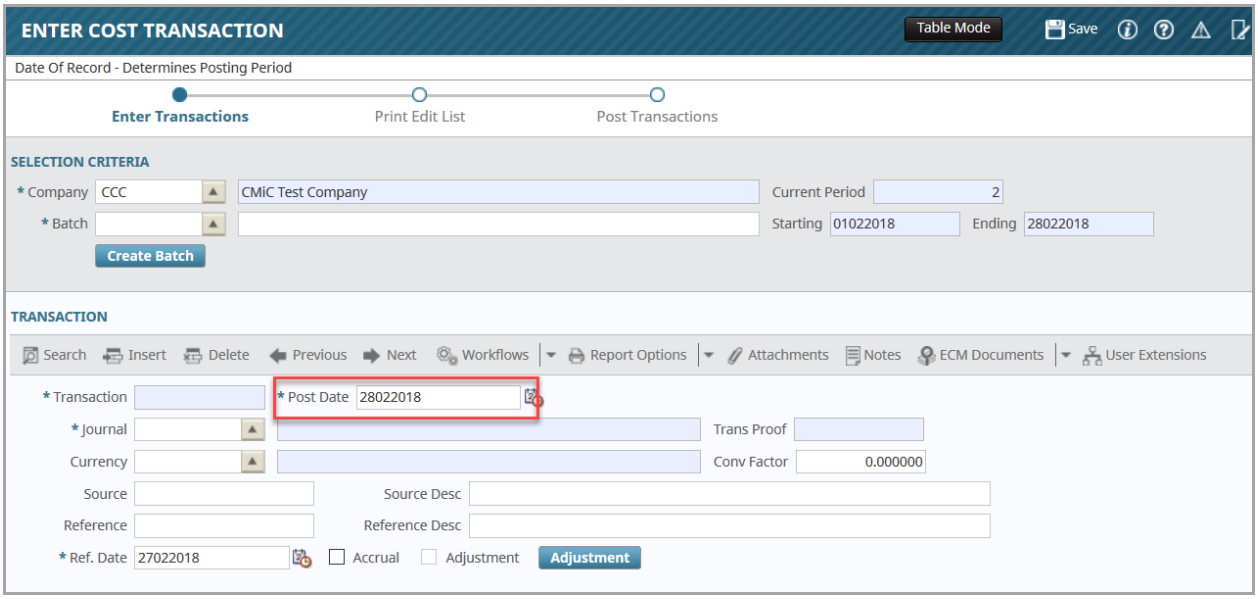
The following screen has been modified: Job Costing -> Transactions -> Enter Cost Transaction



The following screen has been modified: Job Costing -> Transactions -> Enter Billing Transaction



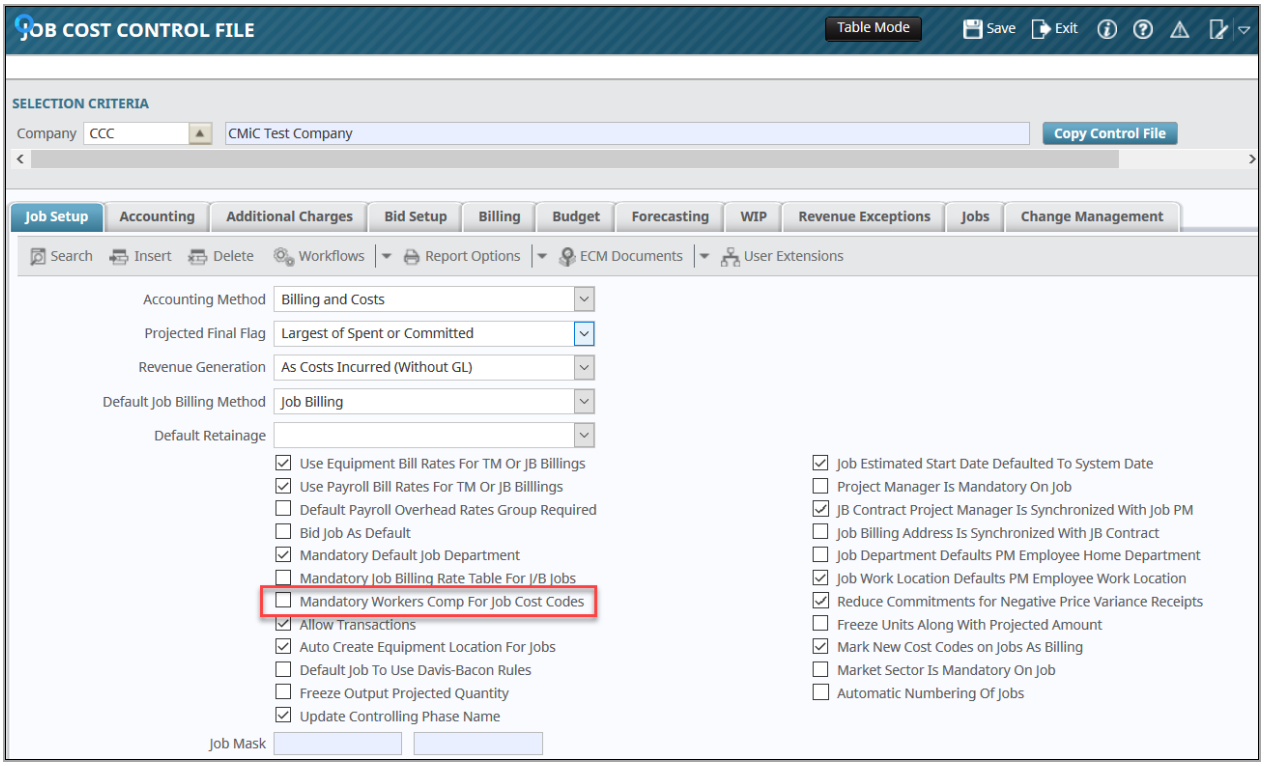
The following screen has been modified: Equipment Costing -> Transactions -> Enter Transaction

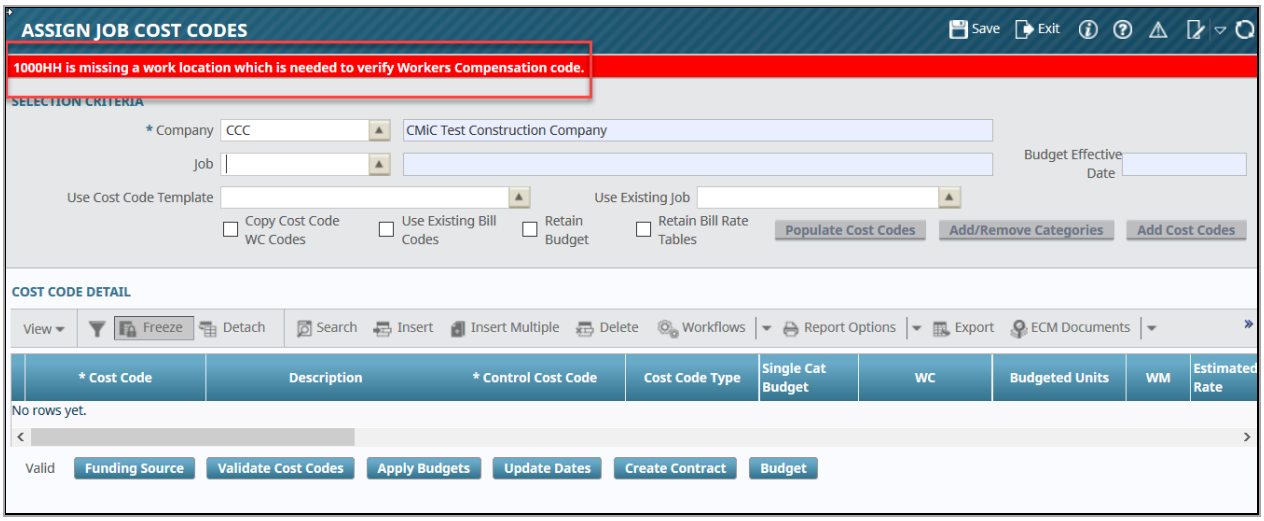


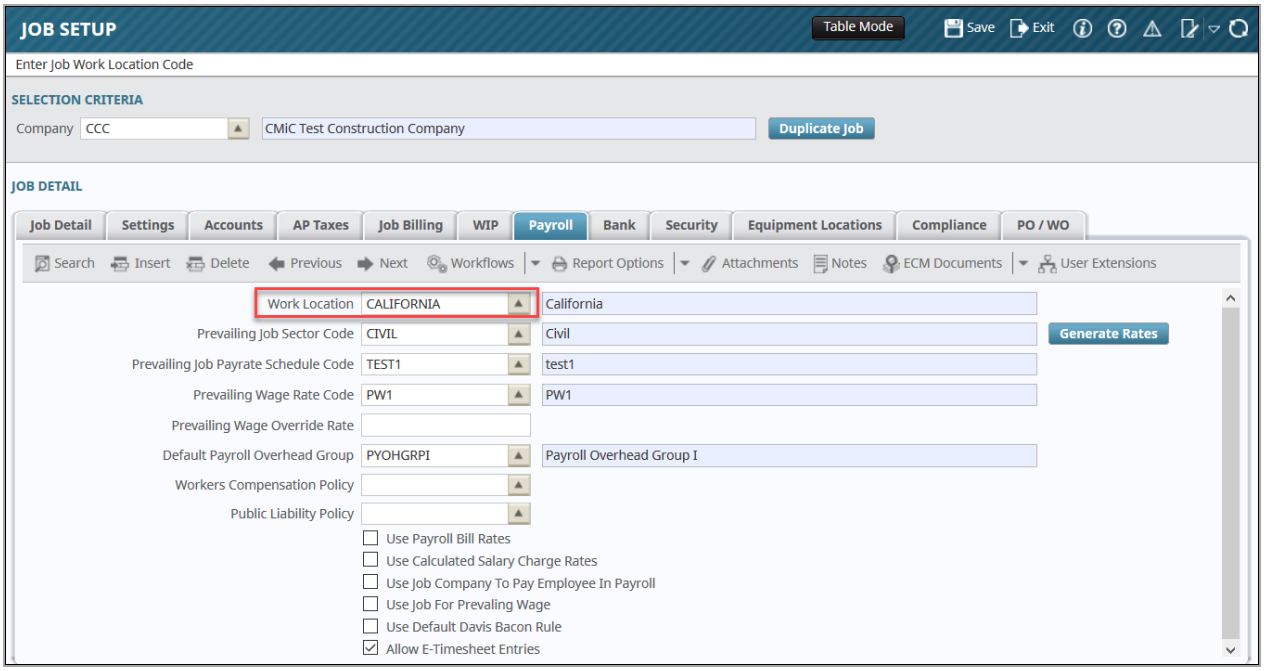
Assign cost codes screen needs error message when validating Work Location (17.39625)

The Assign Cost Codes Screen is modified:

- a new validation was added to the 'Assign Job Cost Codes' screen. If the flag ('Mandatory Workers Comp for Job Cost Codes' in 'Job Cost Control File') is checked, then the system validates 'Work Location' field in a job. Error message 'Job is missing a work location, which is needed to verify Workers Compensation Code' will be displayed. 'Work Location' can be filled on 'Job Setup' screen on 'Payroll' tab. If the flag ('Mandatory Workers Comp for Job Cost Codes' in 'Job Cost Control File') is unchecked, system does not validate 'Work Location' field in a job. By default, flag is unchecked (N).


JOB COST CONTROL FILE
Table Mode
Save
Exit
SELECTION CRITERIA
Company CCC
CMiC Test Company
Copy Control File
Job Setup
Accounting
Additional Charges
Bid Setup
Billing
Budget
Forecasting
WIP
Revenue Exceptions
Jobs
Change Management
Search
Insert
Delete
Workflows
Report Options
ECM Documents
User Extensions
Accounting Method
Billing and Costs
Projected Final Flag
Largest of Spent or Committed
Revenue Generation
As Costs Incurred (Without GL)
Default Job Billing Method
Job Billing
Default Retainage
Use Equipment Bill Rates For TM Or JB Billings
Use Payroll Bill Rates For TM Or JB Billlings
Default Payroll Overhead Rates Group Required
Bid Job As Default
Mandatory Default Job Department
Mandatory Job Billing Rate Table For J/B Jobs
Mandatory Workers Comp For Job Cost Codes
Allow Transactions
Auto Create Equipment Location For Jobs
Default Job To Use Davis-Bacon Rules
Freeze Output Projected Quantity
Update Controlling Phase Name
Job Mask
Job Estimated Start Date Defaulted To System Date
Project Manager Is Mandatory On Job
JB Contract Project Manager Is Synchronized With Job PM
Job Billing Address Is Synchronized With JB Contract
Job Department Defaults PM Employee Home Department
Job Work Location Defaults PM Employee Work Location
Reduce Commitments for Negative Price Variance Receipts
Freeze Units Along With Projected Amount
Mark New Cost Codes on Jobs As Billing
Market Sector Is Mandatory On Job
Automatic Numbering Of Jobs

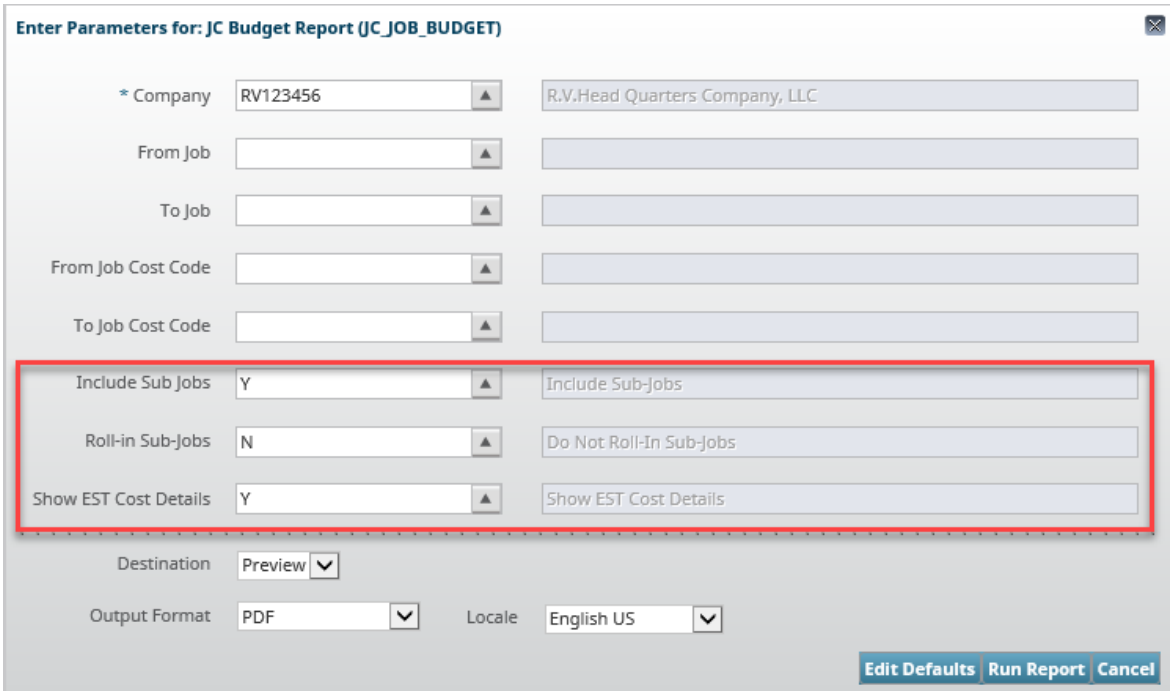

ASSIGN JOB COST CODES
Save
Exit
1000HH is missing a work location which is needed to verify Workers Compensation code.
SELECTION CRITERIA
* Company CCC
CMiC Test Construction Company
Job
Budget Effective Date
Use Cost Code Template
Use Existing Job
Copy Cost Code WC Codes
Use Existing Bill Codes
Retain Budget
Retain Bill Rate Tables
Populate Cost Codes
Add/Remove Categories
Add Cost Codes
COST CODE DETAIL
View
Freeze
Detach
Search
Insert
Insert Multiple
Delete
Workflows
Report Options
Export
ECM Documents
* Cost Code
Description
* Control Cost Code
Cost Code Type
Single Cat Budget
WC
Budgeted Units
WM
Estimated Rate
No rows yet.
Valid
Funding Source
Validate Cost Codes
Apply Budgets
Update Dates
Create Contract
Budget



JC Budget Report Parameter modification (17.41709)

The JC JOB BUDGET REPORT parameters are added with the following:

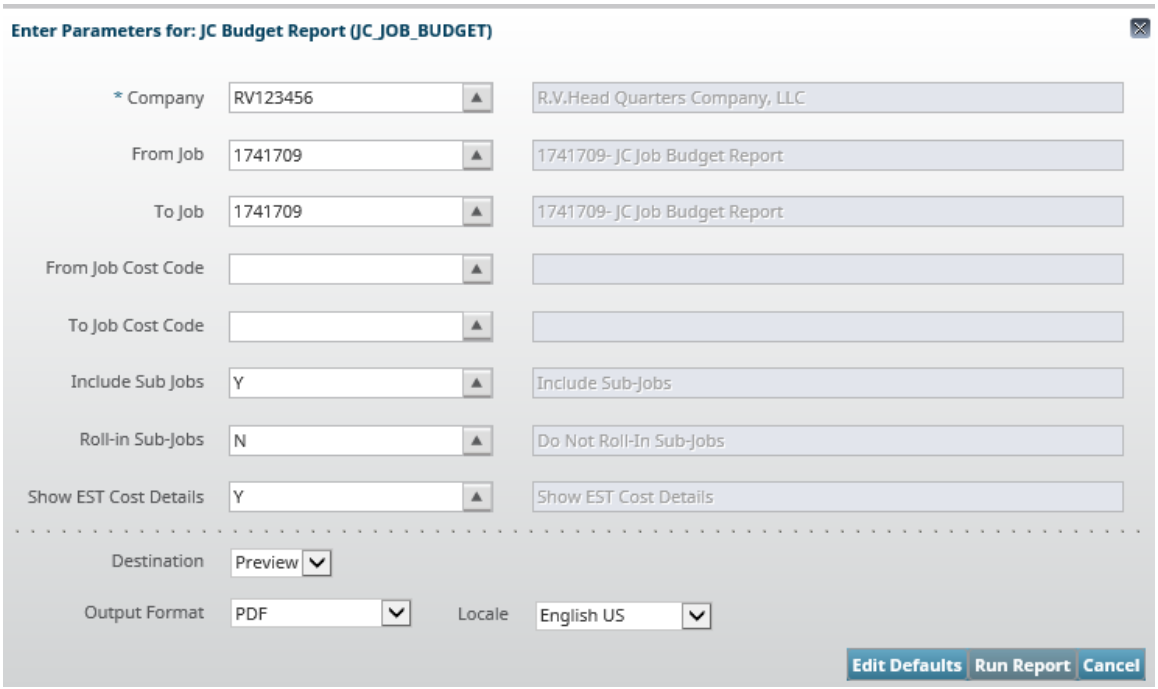
- Include Sub-Jobs
- Roll-In Sub-Jobs
- Show/Hide Costs



1. Include Sub-Jobs

   The default value is set as 'Y'.

   The report will display Control jobs then list all sub-jobs. The Totals will be printed at the end of each job/sub-job. The Grand Total will show the summary for the controlling/sub-jobs rolled in.



RV123456 - R.V.Head Quarters Company, LLC
EST Cost and Hours Report

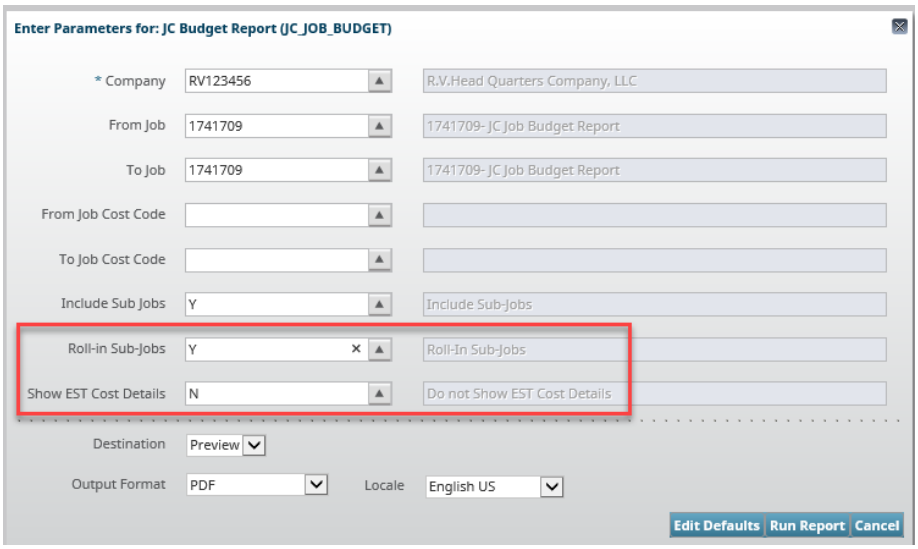
Page: 1 of 3
Date: 08-Mar-2018
Time: 11:59 AM EST

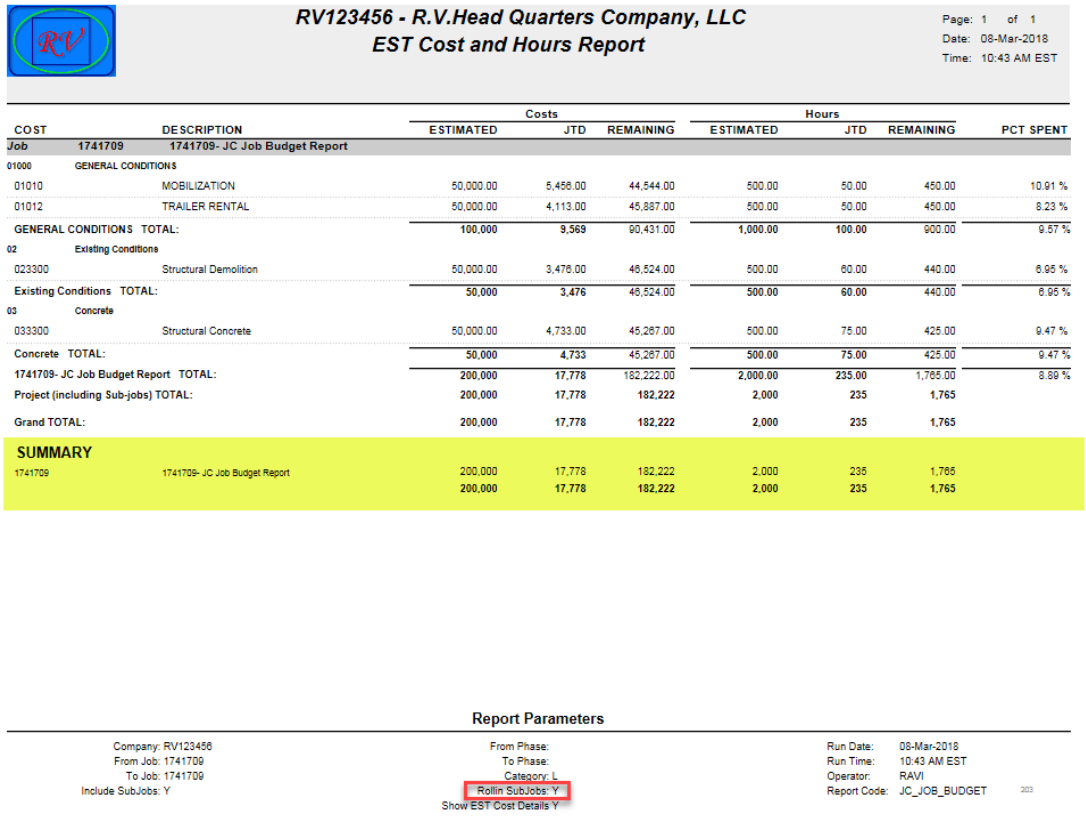
COST		DESCRIPTION	Costs ESTIMATED	Costs JTD	Costs REMAINING	Hours ESTIMATED	Hours JTD	Hours REMAINING	PCT SPENT
Job	1741709	1741709- JC Job Budget Report							
01000	GENERAL CONDITIONS								
01010		MOBILIZATION	10,000.00	1,150.00	8,850.00	100.00	10.00	90.00	11.50 %
01012		TRAILER RENTAL	10,000.00	875.00	9,125.00	100.00	10.00	90.00	8.75 %
GENERAL CONDITIONS TOTAL:			20,000	2,025	17,975.00	200.00	20.00	180.00	10.12 %
02	Existing Conditions								
023300		Structural Demolition	10,000.00	1,456.00	8,544.00	100.00	12.00	88.00	14.56 %
Existing Conditions TOTAL:			10,000	1,456	8,544.00	100.00	12.00	88.00	14.56 %
03	Concrete								
033300		Structural Concrete	10,000.00	2,456.00	7,544.00	100.00	15.00	85.00	24.56 %
Concrete TOTAL:			10,000	2,456	7,544.00	100.00	15.00	85.00	24.56 %
Job	1741709S1	1741709- JC Job Budget Report (Sub Job 1)							
01000	GENERAL CONDITIONS								
01010		MOBILIZATION	10,000.00	1,150.00	8,850.00	100.00	10.00	90.00	11.50 %
01012		TRAILER RENTAL	10,000.00	875.00	9,125.00	100.00	10.00	90.00	8.75 %
GENERAL CONDITIONS TOTAL:			20,000	2,025	17,975.00	200.00	20.00	180.00	10.12 %
02	Existing Conditions								
023300		Structural Demolition	10,000.00	456.00	9,544.00	100.00	12.00	88.00	4.56 %
Existing Conditions TOTAL:			10,000	456	9,544.00	100.00	12.00	88.00	4.56 %
03	Concrete								
033300		Structural Concrete	10,000.00	456.00	9,544.00	100.00	15.00	85.00	4.56 %
Concrete TOTAL:			10,000	456	9,544.00	100.00	15.00	85.00	4.56 %
1741709- JC Job Budget Report (Sub Job 1) TOTAL:			40,000	2,937	37,063.00	400.00	47.00	353.00	7.34 %
Project (including Sub-jobs) TOTAL:			40,000	2,937	37,063	400	47	353	
Job	1741709S2	1741709- JC Job Budget Report (Sub Job 2)							
01000	GENERAL CONDITIONS								
01010		MOBILIZATION	10,000.00	856.00	9,144.00	100.00	10.00	90.00	8.56 %
01012		TRAILER RENTAL	10,000.00	785.00	9,215.00	100.00	10.00	90.00	7.85 %
GENERAL CONDITIONS TOTAL:			20,000	1,641	18,359.00	200.00	20.00	180.00	8.20 %
02	Existing Conditions								
023300		Structural Demolition	10,000.00	652.00	9,348.00	100.00	12.00	88.00	6.52 %
Existing Conditions TOTAL:			10,000	652	9,348.00	100.00	12.00	88.00	6.52 %

2. Roll-In Sub-Jobs

The Default value is se tas ‘N’.

The Sub-Job cost details will also be preinted. When set as ‘Y’, the cost/Hrs for subjobs will be rolled in against the controlling jobs.





RV123456 - R.V.Head Quarters Company, LLC
EST Cost and Hours Report

Page: 1 of 1
Date: 08-Mar-2018
Time: 10:43 AM EST

COST	DESCRIPTION	Costs ESTIMATED	Costs JTD	Costs REMAINING	Hours ESTIMATED	Hours JTD	Hours REMAINING	PCT SPENT
Job 1741709	1741709- JC Job Budget Report							
01000 GENERAL CONDITIONS								
01010	MOBILIZATION	50,000.00	5,456.00	44,544.00	500.00	50.00	450.00	10.91 %
01012	TRAILER RENTAL	50,000.00	4,113.00	45,887.00	500.00	50.00	450.00	8.23 %
GENERAL CONDITIONS TOTAL:		100,000	9,569	90,431.00	1,000.00	100.00	900.00	9.57 %
02 Existing Conditions								
023300	Structural Demolition	50,000.00	3,476.00	46,524.00	500.00	60.00	440.00	6.95 %
Existing Conditions TOTAL:		50,000	3,476	46,524.00	500.00	60.00	440.00	6.95 %
03 Concrete								
033300	Structural Concrete	50,000.00	4,733.00	45,267.00	500.00	75.00	425.00	9.47 %
Concrete TOTAL:		50,000	4,733	45,267.00	500.00	75.00	425.00	9.47 %
1741709- JC Job Budget Report TOTAL:		200,000	17,778	182,222.00	2,000.00	235.00	1,765.00	8.89 %
Project (including Sub-jobs) TOTAL:		200,000	17,778	182,222	2,000	235	1,765	
Grand TOTAL:		200,000	17,778	182,222	2,000	235	1,765	
SUMMARY								
1741709	1741709- JC Job Budget Report	200,000	17,778	182,222	2,000	235	1,765	
		200,000	17,778	182,222	2,000	235	1,765	

Report Parameters

Company: RV123456
From Job: 1741709
To Job: 1741709
Include SubJobs: Y

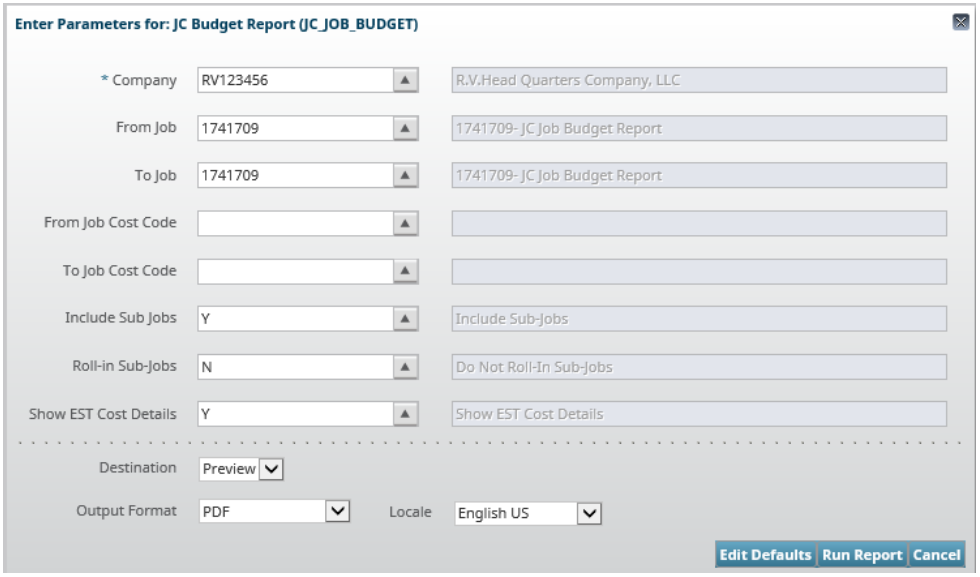
From Phase:
To Phase:
Category: L
Rollin SubJobs: Y
Show EST Cost Details Y

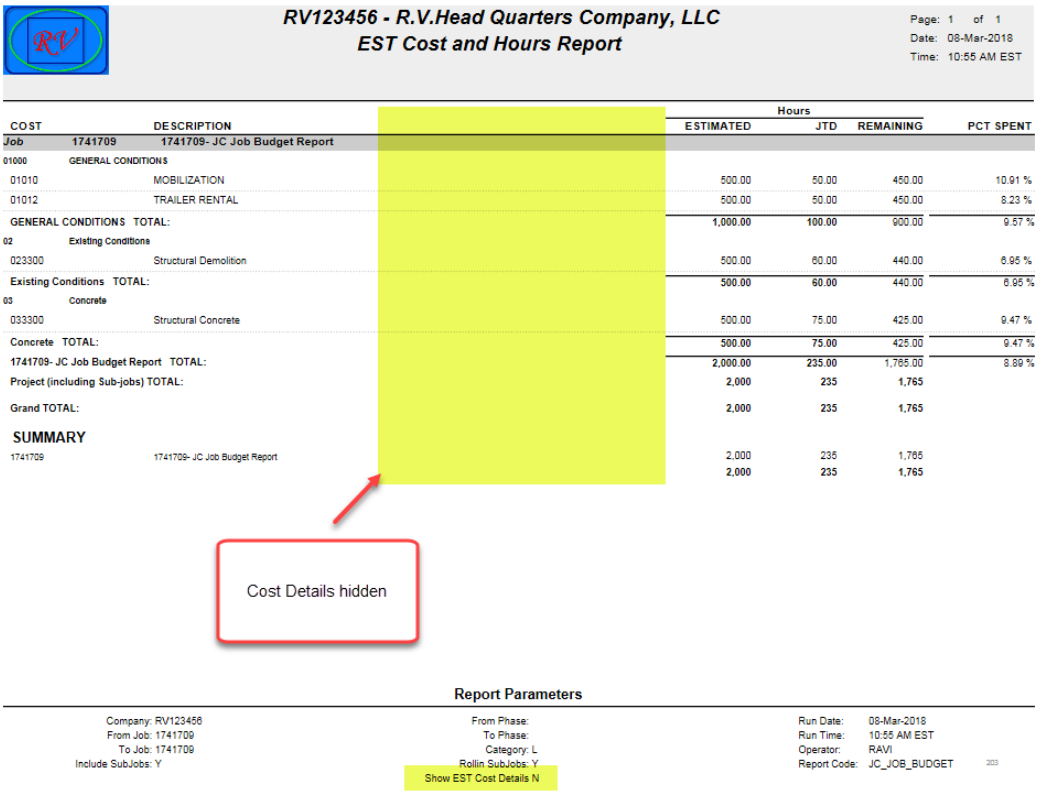
Run Date: 08-Mar-2018
Run Time: 10:43 AM EST
Operator: RAVI
Report Code: JC_JOB_BUDGET

3. Show EST Cost Details

The default value is set as ‘Y’.

When set as ‘N’, the Cost Details section will be hidden and the report will show only the Hours (Labor).





RV123456 - R.V.Head Quarters Company, LLC
EST Cost and Hours Report

Page: 1 of 1
Date: 08-Mar-2018
Time: 10:55 AM EST

COST	DESCRIPTION	Hours ESTIMATED	JTD	REMAINING	PCT SPENT
Job 1741709	1741709- JC Job Budget Report				
01000	GENERAL CONDITIONS				
01010	MOBILIZATION	500.00	50.00	450.00	10.91 %
01012	TRAILER RENTAL	500.00	50.00	450.00	8.23 %
GENERAL CONDITIONS TOTAL:		1,000.00	100.00	900.00	9.57 %
02	Existing Conditions				
023300	Structural Demolition	500.00	60.00	440.00	6.95 %
Existing Conditions TOTAL:		500.00	60.00	440.00	6.95 %
03	Concrete				
033300	Structural Concrete	500.00	75.00	425.00	9.47 %
Concrete TOTAL:		500.00	75.00	425.00	9.47 %
1741709- JC Job Budget Report TOTAL:		2,000.00	235.00	1,765.00	8.89 %
Project (including Sub-jobs) TOTAL:		2,000	235	1,765	
Grand TOTAL:		2,000	235	1,765	
SUMMARY					
1741709	1741709- JC Job Budget Report	2,000	235	1,765	
		2,000	235	1,765	

Cost Details hidden

Report Parameters

Company: RV123456
From Job: 1741709
To Job: 1741709
Include SubJobs: Y

From Phase:
To Phase:
Category: L
Rollin SubJobs: Y
Show EST Cost Details N

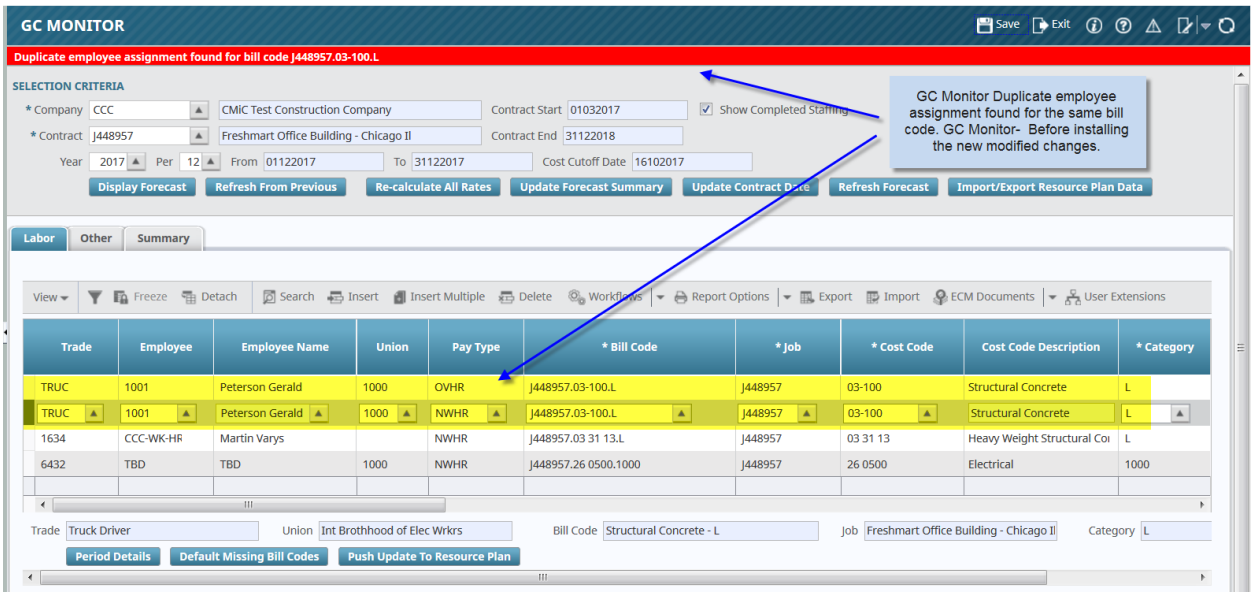
Run Date: 08-Mar-2018
Run Time: 10:55 AM EST
Operator: RAVI
Report Code: JC_JOB_BUDGET

NOTE: This report is applicable to Categories set as 'Labor'.

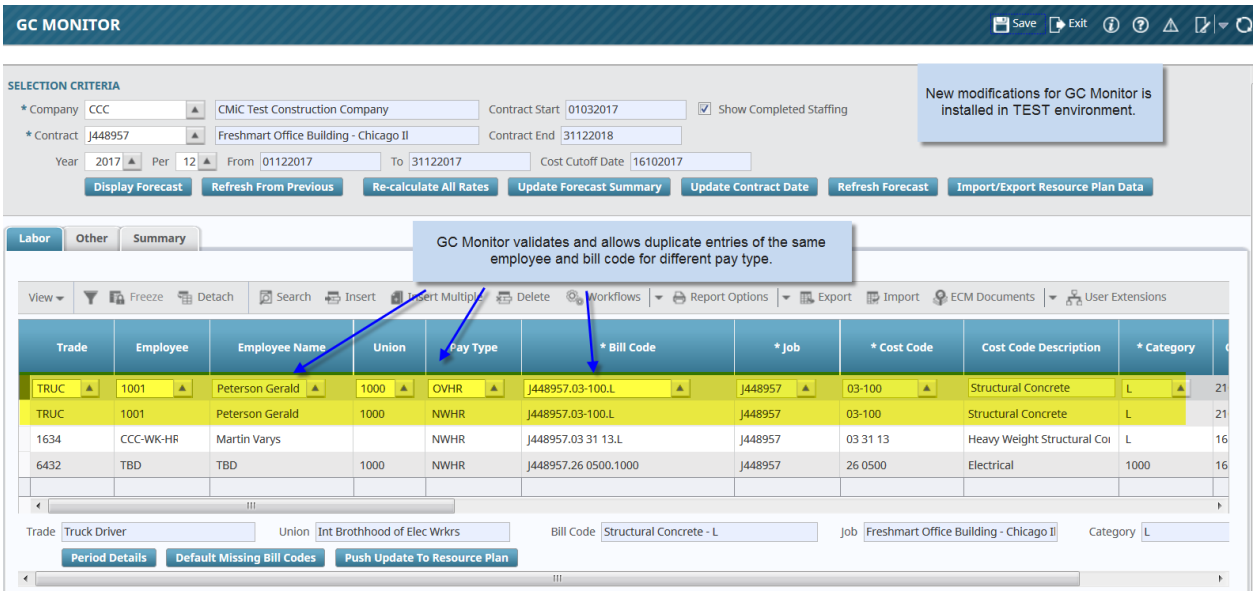
GC Monitor – Employee duplicate assignment (17.45532)

CMiC has modified the unique validation logic to allow duplicate entries of same employee and bill code for different pay type. As a result, the actual cost calculation is also be modified to group by employee, bill code and pay type. For any cost transaction that does not have pay type info populated, and will be considered as "NWHR" pay type.

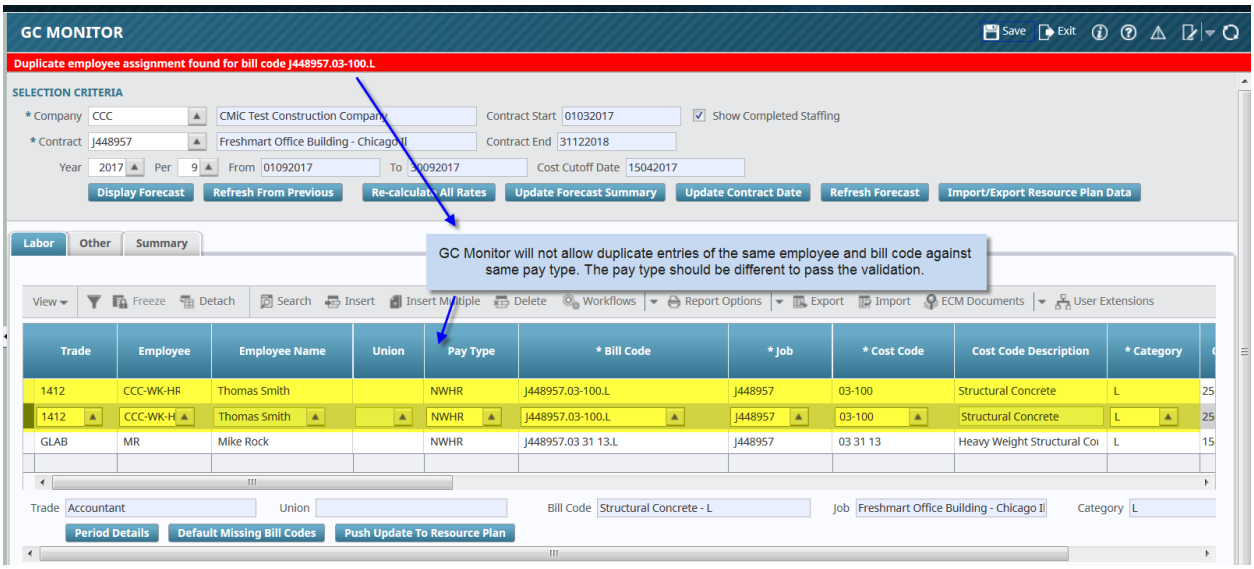
Programming issue replicated prior to installing the new modification for GC Monitor.



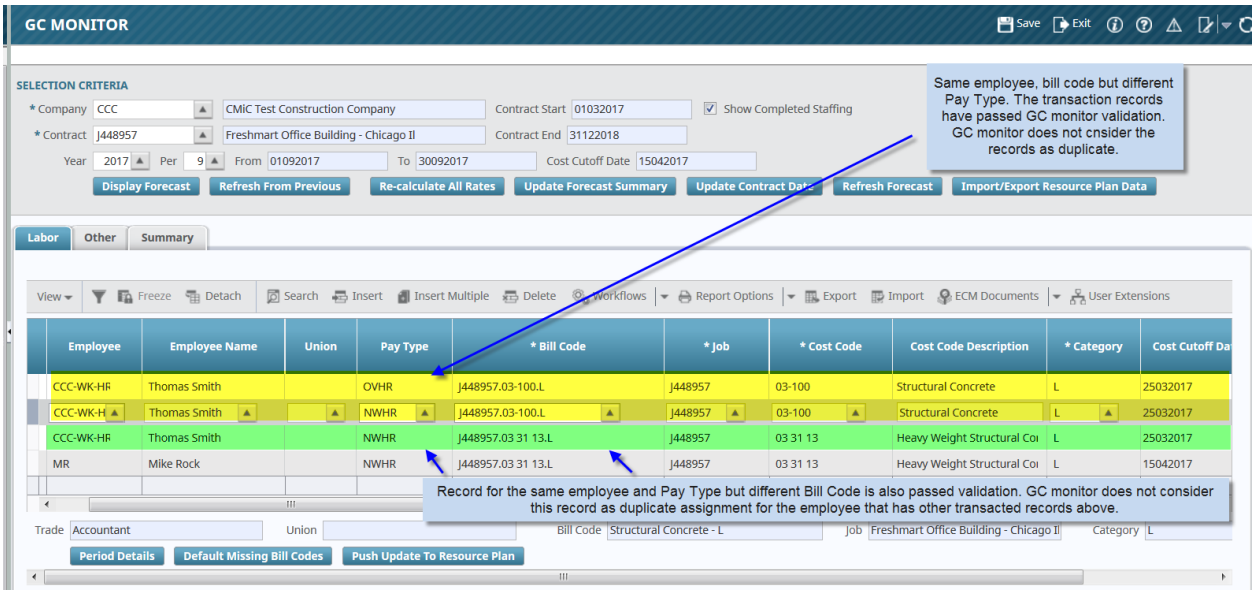
GC Monitor unique validation logic, to allow duplicate entries of the same employee and bill code against a different Pay Type.



GC Monitor validation should consider the record as duplicate assignment, for the same employee and bill code, when the Pay Type is same.



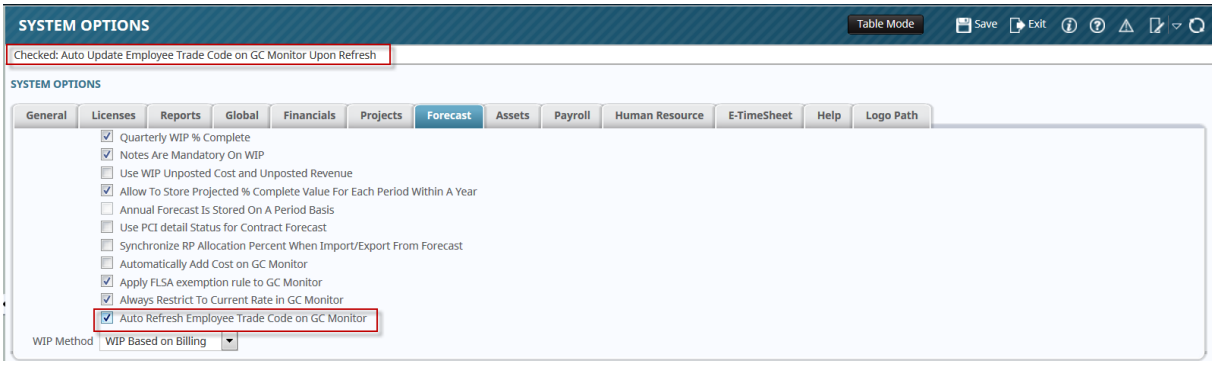
GC Monitor validation should NOT consider the records as duplicate assignment, for the same employee and bill code with different pay type together with a record for the same employee, different bill code but same Pay Type.



GC Monitor Auto Refresh Employee Trade Code – (17.45668)

When employee(s) are promoted to a new trade code in Employee Profile, the old trade would still remain on GC Monitor record, causing the rates (trade rates) on GC Monitor to be incorrect.

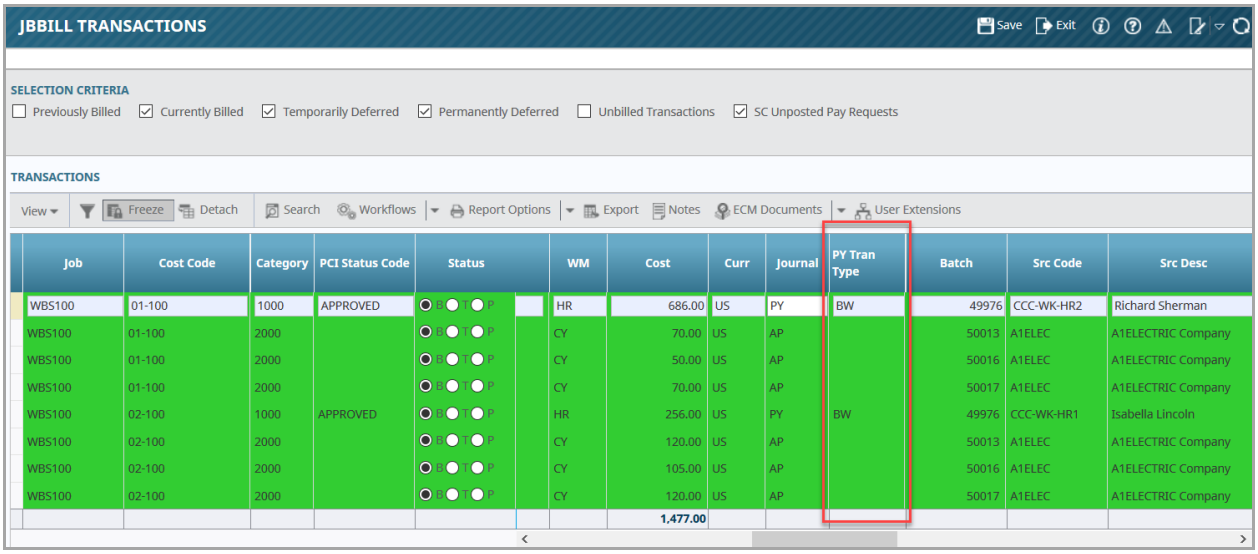
In order to have GC Monitor correctly recalculate Rates on a Change In Trade Code, CMiC has introduced a new flag on the system options. Auto Refresh Employee Trade Code on GC Monitor, will update Employee Trade Code to match with employee profile upon refresh forecast. When user hits [Refresh] or [Recalculate Rates] on GC Monitor, system will look at Employee/Job/Phase/Category and the current Employee Profile to simulate how Payroll would process and then read the system control flags to determine where to get the rates and calculate the Charge Rate.



PY transaction Type needs to be added to JC and JB (17.45648)

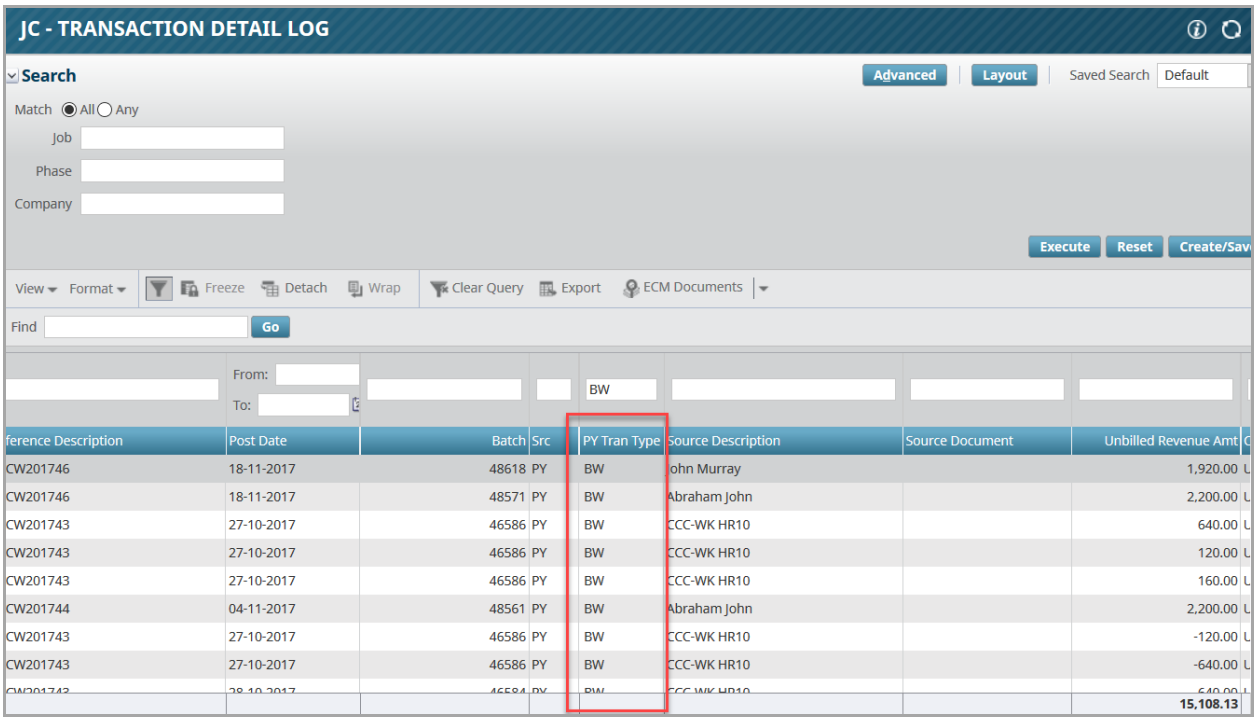
A column for the PY Transaction Type added to the following screens:

- G/C Prepare Billing cost transactions screen



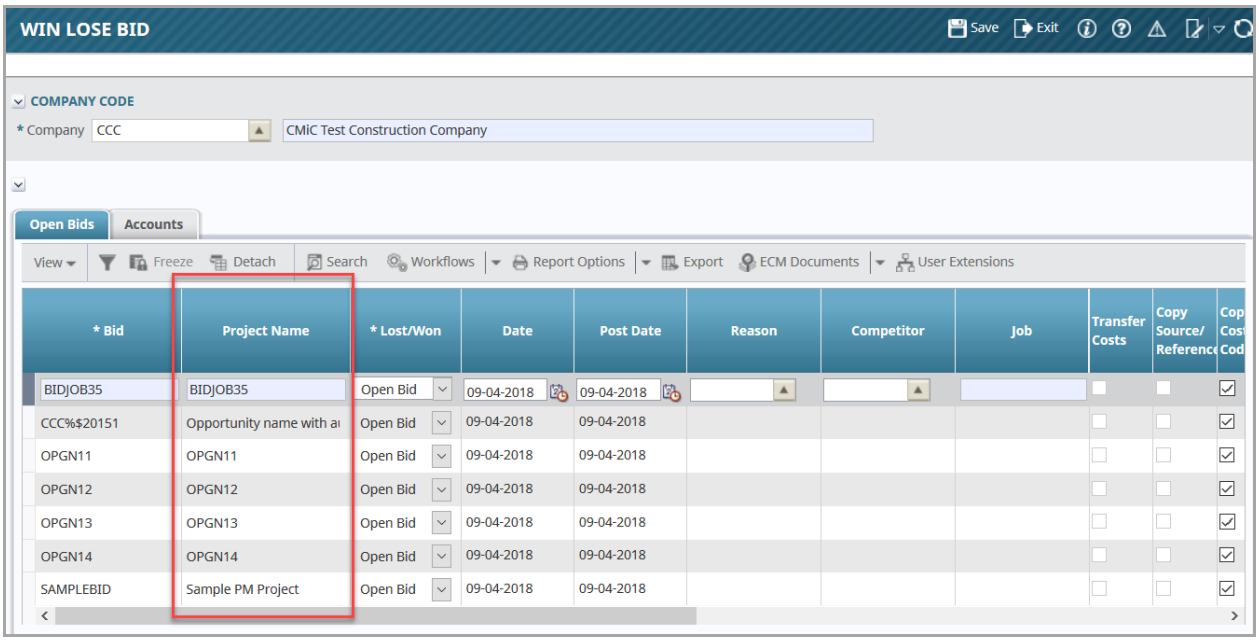
Job	Cost Code	Category	PCI Status Code	Status	WM	Cost	Curr	Journal	PY Tran Type	Batch	Src Code	Src Desc
WBS100	01-100	1000	APPROVED		HR	686.00	US	PY	BW	49976	CCC-WK-HR2	Richard Sherman
WBS100	01-100	2000			CY	70.00	US	AP		50013	A1ELEC	A1ELECTRIC Company
WBS100	01-100	2000			CY	50.00	US	AP		50016	A1ELEC	A1ELECTRIC Company
WBS100	01-100	2000			CY	70.00	US	AP		50017	A1ELEC	A1ELECTRIC Company
WBS100	02-100	1000	APPROVED		HR	256.00	US	PY	BW	49976	CCC-WK-HR1	Isabella Lincoln
WBS100	02-100	2000			CY	120.00	US	AP		50013	A1ELEC	A1ELECTRIC Company
WBS100	02-100	2000			CY	105.00	US	AP		50016	A1ELEC	A1ELECTRIC Company
WBS100	02-100	2000			CY	120.00	US	AP		50017	A1ELEC	A1ELECTRIC Company
						1,477.00						

- Job Cost Transaction Detail Log



Add the ‘Project Name’ column to the Win/Loss Bid Screen (18.50519)

A column ‘Project Name’ added to the Win/Loss Bid Screen. The column shows project name, if project does not exist column shows job name.



Add a new Custom Variance report based on the current JC_VARIANCE (17.45313)

A New Custom Variance report based on the current JC_VARIANCE with elements from JC1000 - Job Budget Report added.

Report Columns:

1- Job

2- Phase

3- Category

The report will be broken down by Job, Controlling Cost Code, Cost Code, then Category, with Category Summaries for each Controlling Cost Code (such as in JC1000 Job Budget Report).

There will be subtotals for each lowest level cost code, as well as category subtotals for each Controlling Cost Code (Category Summary). Each job will have a Job Total, with a Grand Total at the end of the report.

Calculations:

4- Original Budget: Current Budget minus Posted Change Orders (same as current Variance Report)

5- MTD Cost: sum of Cost transactions for the current month, taken from the system date

6- JTD Cost: sum of Cost transactions to system date (same as current Variance report)

7- Committed Cost: sum of commitments to system date (same as current Variance report)

8- Cost to Complete: taken from the Cost Status Query (calculated as Projected Cost Amount minus (JTD Cost + Committed Remaining))

9- Revised Estimate: sum of JTD Cost, Committed Remaining (Total Commitment minus Spent Against Committed), and Cost to Complete

10- Variance: Revised Estimate minus Original Cost Budget

CCC - CMiC Test Construction Company
JOB COSTING - VARIANCE REPORT 2
As of 23/04/2018

Job Phase Category	Description	Original Budget	MTD Cost	JTD Cost	Committed Cost	Cost To Complete	Revised Estimate	Variance
Job: 1000 - 1000								
01.0	- Area 1 TRADE							
01.00	- Area 1.Trade.Plug							
01.03A - Area 1.03A								
01.03A.030000.F - Area 1.03A.Fndtns - Concrete								
CC	Construction Contingency	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CFB	Constn Field Burden	0.00	0.00	-1,143.50	288,001.61	-10,956.00	274,602.11	274,602.11
01.03A.030000.F - Area 1.03A.Fndtns - Concrete		0.00	0.00	-1,143.50	288,001.61	-10,956.00	274,602.11	274,602.11
01.03A - Area 1.03A Total:		0.00	0.00	-1,143.50	288,001.61	-10,956.00	274,602.11	274,602.11
01.00	*- Area 1.Trade.Plug Total:*	0.00	0.00	-1,143.50	288,001.61	-10,956.00	274,602.11	274,602.11
01.0	*- Area 1 TRADE Total:*	0.00	0.00	-1,143.50	288,001.61	-10,956.00	274,602.11	274,602.11
02 40 00	- DEMOLITION & STRUCTURE MOVING							
02 41 00	- DEMOLITION							
02 41 13 - SELECTIVE SITE DEMOLITION								
02 41 13.13 - Paving Removal								
1000	Labour	150,000.00	0.00	26,130.04	10,000.00	-7,914.00	28,216.04	-121,783.96
2000	Subcontract	225,000.00	0.00	107,532.72	566,200.00	-18,598.75	637,783.97	412,783.97
3000	Equipment	250,000.00	0.00	12,490.00	-15,750.00	0.00	-3,260.00	-253,260.00
4000	Material	325,000.00	0.00	20,798.45	300,000.00	82,201.55	400,000.00	75,000.00
5000	Sundry	475,000.00	0.00	0.00	0.00	475,000.00	475,000.00	0.00
02 41 13.13 - Paving Removal Total :		1,425,000.00	0.00	166,951.21	860,450.00	530,688.80	1,537,740.01	112,740.01
02 41 13.23 - Utility Line Removal								
1000	Labour	675,000.00	0.00	0.00	0.00	675,000.00	675,000.00	0.00
2000	Subcontract	789,000.00	0.00	5,706.38	495,637.50	0.00	495,637.50	-293,362.50
3000	Equipment	456,000.00	0.00	-10,000.00	0.00	466,000.00	456,000.00	0.00
4000	Material	755,000.00	0.00	2,278.00	149.26	752,572.74	755,000.00	0.00
5000	Sundry	655,000.00	0.00	0.00	0.00	655,000.00	655,000.00	0.00
02 41 13.23 - Utility Line Removal Total :		3,330,000.00	0.00	-2,015.62	495,786.76	2,548,572.74	3,036,637.50	-293,362.50
02 41 13 - SELECTIVE SITE DEMOLITION		4,755,000.00	0.00	164,935.59	1,356,236.76	3,079,261.54	4,574,377.51	-180,622.49

Report Enhancement Request for Job Summary Report (17.33383)

Added a new Job Summary Report (JC_JOB_SUMMARY)

Columns:

1. Estimated costs: Current budget, inclusive of PENDING PCI
2. Projected GP %: This is projected gross profit percentage. Equal to (Contract+approved Chr Orders PLUS positive pending Chg Ords LESS Negative Pending Chg Ords) – Projected Costs / (divided by) (Contract+approved Chr Orders PLUS positive pending Chg Ords LESS Negative Pending Chg Ords)
3. Projected Costs: the current forecast for the job, inclusive of PENDING PCIs

NOTE: The period begin and end date dictate what actual costs appear in the "costs this period" column. This is NOT equivalent to the PERIOD concept in CMiC but rather an actual date range that looks at posting dates in the system.

Job Type	Job Id	Job Name	Job Status	Contract + Approved Chg Orders	Positive Pending Chg Ords	Negative Pending Chg Ords	Estimated Costs	Costs This Period	Costs To Date	Remaining Costs	% Complete	Projected Costs	Projected GP%	Variance (+/-)
	1486714	1486714 Additional Forecasting Method Labour	P	5,190,907.25	0.00	0.00	5,190,907.25	0.00	0.00	0.00	0 %	0.00	100.00 %	5,190,907.25
	1487659	1487659	P	750,000.00	0.00	0.00	750,000.00	0.00	0.00	0.00	0 %	0.00	100.00 %	750,000.00
	1488678	1488678 (Billing Backup wih Image Links)	P	800,000.00	0.00	0.00	800,000.00	2,066.00	2,066.00	-2,066.00	0 %	0.00	100.00 %	800,000.00
	1490076	1490076 - Seperate Billing 0 $ invoice	P	3,135,000.00	0.00	0.00	3,135,000.00	0.00	0.00	0.00	0 %	0.00	100.00 %	3,135,000.00
	1492017	1492017	P	1,750,000.00	0.00	0.00	1,750,000.00	343,237.50	343,237.50	-343,237.50	0 %	0.00	100.00 %	1,750,000.00
	1492017S	1492017S	P	1,750,000.00	0.00	0.00	1,750,000.00	0.00	0.00	0.00	0 %	0.00	100.00 %	1,750,000.00
	1494257M	1494257M	P	368,950.00	30,250.00	0.00	399,200.00	0.00	0.00	0.00	0 %	0.00	100.00 %	399,200.00
	1494257S	1494257S	P	0.00	3,750.00	0.00	3,750.00	0.00	0.00	0.00	0 %	0.00	100.00 %	3,750.00
	1495514	1495514 - JSP Error message for contract maximum	P	100,000.00	0.00	0.00	100,000.00	0.00	0.00	0.00	0 %	0.00	100.00 %	100,000.00
	1497424	1497424	P	100,000.00	0.00	0.00	100,000.00	5,192.18	5,192.18	-5,192.18	0 %	0.00	100.00 %	100,000.00
	1497795	1497795	P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 %	0.00	0.00 %	0.00
	15.118	15.118	P	1,775,000.00	0.00	0.00	1,775,000.00	0.00	0.00	0.00	0 %	0.00	100.00 %	1,775,000.00
	15.11836	15.11836	P	1,775,000.00	0.00	0.00	1,775,000.00	0.00	0.00	0.00	0 %	0.00	100.00 %	1,775,000.00
	15.11836M	15.11836M	P	1,775,000.00	0.00	0.00	1,775,000.00	0.00	0.00	0.00	0 %	0.00	100.00 %	1,775,000.00
	15.118M	15.118M	P	1,775,000.00	0.00	0.00	1,775,000.00	175.00	175.00	-175.00	0 %	0.00	100.00 %	1,775,000.00
	15000	15000	P	150,000.00	0.00	0.00	150,000.00	190,944.72	190,944.72	-190,944.72	0 %	0.00	100.00 %	150,000.00
	1500311	1500311- Billing and payments reports	P	100,000.00	0.00	0.00	100,000.00	0.00	0.00	0.00	0 %	0.00	100.00 %	100,000.00
	1501243M	1501243M - JBPBU17	P	837,950.00	0.00	0.00	837,950.00	0.00	0.00	0.00	0 %	0.00	100.00 %	837,950.00
	150124S1	1501243S1 Sub Job1	P	837,950.00	0.00	0.00	837,950.00	0.00	0.00	0.00	0 %	0.00	100.00 %	837,950.00
	150124S2	1501243S2 Sub Job2	P	837,950.00	0.00	0.00	837,950.00	0.00	0.00	0.00	0 %	0.00	100.00 %	837,950.00
	150124S3	1501243S3 Sub Job3	P	837,950.00	0.00	0.00	837,950.00	0.00	0.00	0.00	0 %	0.00	100.00 %	837,950.00
	1508304	1508304	P	428,000.00	0.00	0.00	428,000.00	4,250.00	4,250.00	-4,250.00	0 %	0.00	100.00 %	428,000.00
	1508304S	1508304S - Sub Job of 1508304	P	205,000.00	0.00	0.00	205,000.00	1,750.00	1,750.00	-1,750.00	0 %	0.00	100.00 %	205,000.00
	1510218	1510218	P	133,600.00	0.00	0.00	91,200.00	23,721.00	23,721.00	-23,721.00	0 %	0.00	100.00 %	91,200.00
	1510258	1510258	P	0.00	0.00	0.00	0.00	3,307.45	3,307.45	-3,307.45	0 %	0.00	0.00 %	0.00
	1511529	1511529	P	2,003,000.00	0.00	0.00	2,003,000.00	0.00	0.00	0.00	0 %	0.00	100.00 %	2,003,000.00
	1512408PCI	1512408PCI	P	7,777.00	0.00	0.00	7,777.00	0.00	0.00	0.00	0 %	0.00	100.00 %	7,777.00
	1512408R	1512408R	P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 %	0.00	0.00 %	0.00
	1512408WBS	1512408WBS	P	14,610.00	0.00	0.00	14,610.00	0.00	0.00	0.00	0 %	0.00	100.00 %	14,610.00
	1513832	1513832	P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 %	0.00	0.00 %	0.00
	16000	16000	P	125,000.00	0.00	0.00	125,000.00	9,394.81	9,394.81	-9,394.81	0 %	0.00	100.00 %	125,000.00
	1615464	1516464 - Link RFP from Job Billing to Images in Image Mana	P	4,796,000.00	0.00	0.00	4,796,000.00	10,490.22	10,490.22	-10,490.22	0 %	0.00	100.00 %	4,796,000.00
	1616706	1616706	P	914,625.00	0.00	0.00	914,625.00	52,829.25	52,829.25	-52,829.25	0 %	0.00	100.00 %	914,625.00
	1617371M	1617371M	P	4,796,000.00	0.00	0.00	4,796,000.00	2,710.00	2,710.00	-2,710.00	0 %	0.00	100.00 %	4,796,000.00
	1617371S	1617371S SubJob	P	4,796,000.00	0.00	0.00	4,796,000.00	0.00	0.00	0.00	0 %	0.00	100.00 %	4,796,000.00
	1619887	1619887 - JBPB_U10SC Custom Report	P	7,180,356.40	0.00	0.00	7,180,356.40	0.00	0.00	0.00	0 %	0.00	100.00 %	7,180,356.40
	161M	161M - Link RFP from Job Billing to Images	P	5,143,827.15	0.00	0.00	5,143,827.15	15,105.80	15,105.80	-15,105.80	0 %	0.00	100.00 %	5,143,827.15

Request for Enhancement - Margin Report with Labor (17.41756)

Added a new Report (Margin Report with Labor) to display Cost, Billing and Budgets information.

New fields: PM, Superintendent, Estimator, Budgeted GP%, (Billed, Cost and GP either by quarter or month)

Parameters:

Company

Dept.

Dept. Picklist

From Job

To Job

Job Picklist

Job status

From Category

To Category

Cat Picklist

Include Sub Jobs

Roll In Sub Jobs

Project Manager

Superintendent

Estimator

As of Date

Run by Month/Quarter

NOTE: The numbers will not be pulling from JC Budget Report as the Report is not date sensitive but will be calculated according to the As of Date.

Calculation:

GP ($) MTD = BILLED MTD – COST MTD

GP (%) MTD = (BILLED MTD – COST MTD) / BILLED MTD

GP ($) JTD = BILLED JTD – COST JTD

GP (%) JTD = (BILLED JTD – COST JTD) / BILLED JTD

NOTE: Total line for sub-jobs only.

CMiC

CCC - CMiC Test Construction Company
JOB COSTING - MARGIN LABOR REPORT

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Date 29-05-2018
Time 2:28 PM EDT

As of: 29-05-2018
All Jobs

Job Number	Job Name	Contract Amt	BUDG GP	Superintendent	BILLED MTD	COST MTD	GP ($) MTD	GP (%) MTD	BILLED JTD	COST JTD	GP ($) JTD	GP (%) JTD	BUDG LAB	LABOR MTD	LABOR JTD	LABOR %
2000	2000 Main Job (Forecast with ADF Only)															
2000	2000 Main Job	7,160,000.00	0.0		0.00	0.00	0.00	0.0	4,881.01	40,291.10	-35,410.09	-725.5	1,318,000.00	0.00	836.32	17.1
2000.1	2000.1 Sub Job of	7,160,000.00	0.0		0.00	0.00	0.00	0.0	1,169.00	8,470.50	-7,301.50	-624.6	1,300,000.00	0.00	0.00	0.0
2000.2	2000.2 Sub Job of	7,160,000.00	0.0		0.00	0.00	0.00	0.0	633.50	113.00	520.50	82.2	1,300,000.00	0.00	0.00	0.0
	Total for 2000	**14,320,000.00**	**0.0**		**0.00**	**0.00**	**0.00**	**0.0**	**1,802.50**	**8,583.50**	**-6,781.00**	**-376.2**	**2,600,000.00**	**0.00**	**0.00**	**0.0**
2011	2000 Main Job (Forecast with ADF Only)															
2011	2000 Main Job	0.00	0.0		0.00	0.00	0.00	0.0	0.00	0.00	0.00	0.0	0.00	0.00	0.00	0.0
2222	2222- As Cost	150,000.00	0.0		0.00	0.00	0.00	0.0	200.00	100.00	100.00	50.0	150,000.00	0.00	100.00	50.0
23456	23456	100,000.00	0.0		0.00	0.00	0.00	0.0	0.00	0.00	0.00	0.0	25,000.00	0.00	0.00	0.0
3000	3000 Main Job	7,160,000.00	0.0		0.00	0.00	0.00	0.0	3,050.00	282,300.00	-279,250.00	-9,155.7	1,300,000.00	0.00	3,800.00	124.6
3000.1	3000.1	7,160,000.00	0.0		0.00	0.00	0.00	0.0	0.00	19,000.00	-19,000.00	-19,000.0	1,300,000.00	0.00	7,000.00	0.0
3300	3300															
3300	3300	80,000.00	0.0		0.00	0.00	0.00	0.0	0.00	2,250.00	-2,250.00	-2,250.0	0.00	0.00	1,000.00	0.0
3333	3333	7,500.00	0.0		0.00	0.00	0.00	0.0	0.00	1,100.00	-1,100.00	-1,100.0	13,025.00	0.00	0.00	0.0
3500	3500	0.00	0.0		0.00	0.00	0.00	0.0	6,000.00	12,000.00	-6,000.00	-100.0	0.00	0.00	12,000.00	200.0
4444	4444	80,000.00	0.0		0.00	0.00	0.00	0.0	0.00	2,370.00	-2,370.00	-2,370.0	0.00	0.00	120.00	0.0
4567	4567	0.00	0.0		0.00	0.00	0.00	0.0	7,000.00	7,000.00	0.00	0.0	0.00	0.00	0.00	0.0
5000STD	5000STD Type of	0.00	0.0		0.00	0.00	0.00	0.0	0.00	10,245.00	-10,245.00	-10,245.0	0.00	0.00	0.00	0.0
523M	523M	400,000.00	12.5		0.00	0.00	0.00	0.0	1,500.00	6,969.96	-5,469.96	-364.7	80,000.00	0.00	4,894.96	326.3
523S1	523S1	150,000.00	33.3		0.00	0.00	0.00	0.0	25,500.00	1,875.00	23,625.00	92.6	20,000.00	0.00	100.00	0.4
523S2	523S2 with Own	150,000.00	33.3		0.00	0.00	0.00	0.0	0.00	1,575.00	-1,575.00	-1,575.0	20,000.00	0.00	0.00	0.0
	Total for 523M	**300,000.00**	**33.3**		**0.00**	**0.00**	**0.00**	**0.0**	**25,500.00**	**3,450.00**	**22,050.00**	**86.5**	**40,000.00**	**0.00**	**100.00**	**0.4**
5555	5555															
5555	5555	80,000.00	0.0		0.00	0.00	0.00	0.0	0.00	2,250.00	-2,250.00	-2,250.0	0.00	0.00	1,000.00	0.0
5600	5600	0.00	0.0		0.00	0.00	0.00	0.0	0.00	0.00	0.00	0.0	0.00	0.00	0.00	0.0
5601	5601	0.00	0.0		0.00	0.00	0.00	0.0	0.00	0.00	0.00	0.0	0.00	0.00	0.00	0.0
5602	5602	0.00	0.0		0.00	0.00	0.00	0.0	0.00	0.00	0.00	0.0	0.00	0.00	0.00	0.0

Request for Enhancement - WIP Report additional columns (17.46878)

Added a new report JCWIP2

Columns:

1 ‘Original Estimated GM’ This column will be directly to the right of the Projected Cost column and is calculated as the Original Contract Amount (found on the Job File) minus the Original Cost Budget.

2 ‘Actual Cost YTD’ This column will be directly to the right of the Actual Cost to Date column and is the sum of Cost (C-type) transactions for the year in which the report is run up to the end of the period in which the report is run.

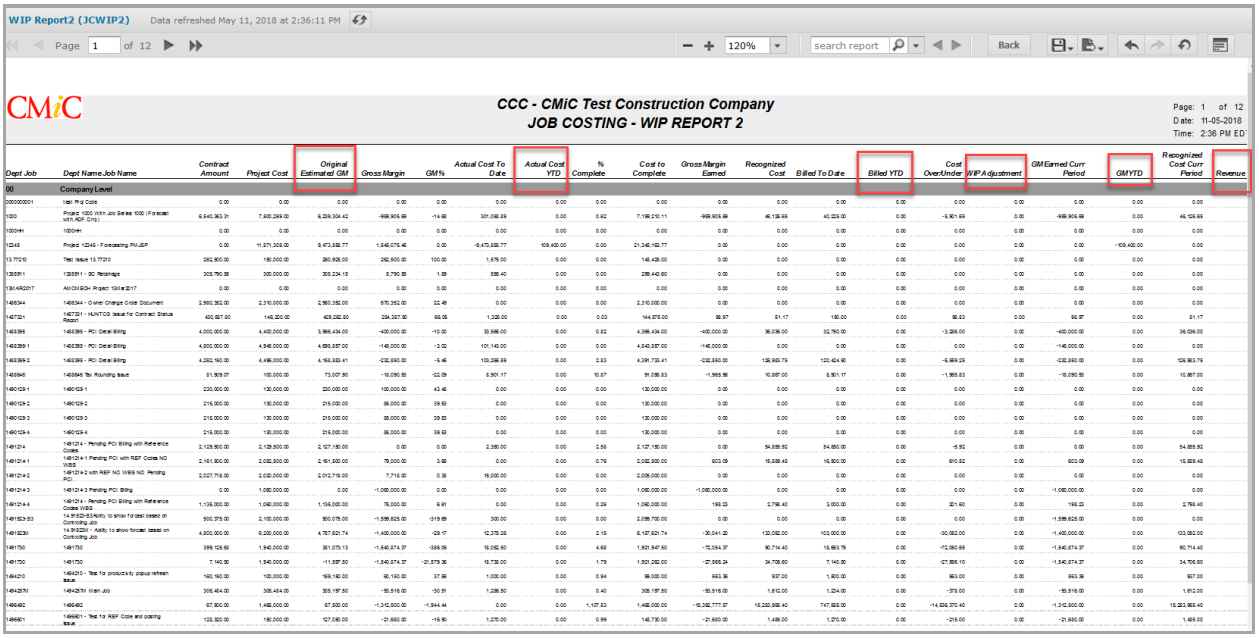
3 ‘Billed YTD’ This column will be directly to the right of the Billed to Date column and is the sum of Billed (B-type) transactions for the year in which the report is run up to the end of the period in which the report is run.

4 ‘WIP Adjustment’ This column will be directly to the right of the Over/Under column and is pulled from the WIP Adjustment field on the WIP Adjustment program for the selected Year/Period.

As well, they would like to replace the Earned Revenue YTD with a Revenue YTD column and the GM Earned YTD with a GM YTD column.

5 ‘Revenue YTD’ This column calculates as Billed YTD plus WIP Adjustment for the period in which the report is run.

6 ‘GM YTD’ This column calculates as (Billed YTD plus WIP Adjustment for the period in which the report is run) minus Actual Cost YTD.


WIP Report2 (JCWIP2) Data refreshed May 11, 2018 at 2:36:11 PM

CMiC

CCC - CMiC Test Construction Company
JOB COSTING - WIP REPORT 2

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Date: 11-05-2018
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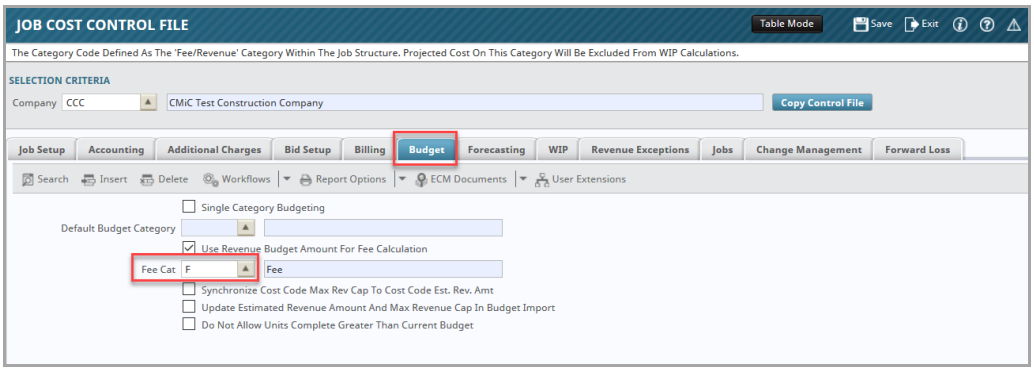
Dept Job	Dept Name Job Name	Contract Amount	Project Cost	Original Estimated GM	Gross Margin	GM%	Actual Cost To Date	Actual Cost YTD	% Complete	Cost to Complete	Gross Margin Earned	Recognized Cost	Billed To Date	Billed YTD	Cost OverUnder	WIP Adjustment	GM Earned Curr Period	GM YTD	Recognized Cost Curr Period	Revenue
00	Company Level																			
000000001	test Proj Code	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1000	Project 1000 With Job Series 1000 (Forecast with REF Only)	6,640,363.31	7,920,269.00	6,239,304.42	-999,905.69	-14.68	301,568.59	0.00	0.62	7,199,210.11	-999,905.69	46,136.66	40,225.00	0.00	-5,901.66	0.00	-999,905.69	0.00	46,136.66	
1000H	1000H	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1245	Project 1245 - Forecasting PM-SP	0.00	11,571,305.00	9,472,568.77	1,540,076.46	0.00	-9,472,568.77	109,400.00	0.00	21,345,142.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13.77210	Test issue 13.77210	282,900.00	190,000.00	280,926.00	282,900.00	100.00	1,676.00	0.00	0.00	148,426.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13591	13591 - 30 Retainage	305,790.55	300,000.00	305,234.15	5,790.55	1.89	556.40	0.00	0.00	299,443.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13IARR2017	AirCH EQH Project 13IARR2017	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
146344	146344 - Owner Change Order Document	2,960,352.00	2,310,000.00	2,960,352.00	670,352.00	22.49	0.00	0.00	0.00	2,310,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1467201	1467201 - HUNTCO issue for Contract Status Report	400,587.00	146,200.00	429,282.50	254,387.00	99.05	1,320.00	0.00	0.03	144,879.00	99.97	51.17	100.00	0.00	98.83	0.00	99.97	0.00	51.17	
146396	146396 - PO: Detail Billing	4,000,000.00	4,400,000.00	3,966,434.00	-400,000.00	-10.00	33,566.00	0.00	0.92	4,366,434.00	-400,000.00	36,036.00	32,760.00	0.00	-3,276.00	0.00	-400,000.00	0.00	36,036.00	
146396-1	146396 - PO: Detail Billing	4,000,000.00	4,346,000.00	4,856,587.00	-146,000.00	-3.02	101,143.00	0.00	0.00	4,843,587.00	-146,000.00	0.00	0.00	0.00	0.00	0.00	-146,000.00	0.00	0.00	
146396-2	146396 - PO: Detail Billing	4,262,160.00	4,496,000.00	4,168,883.41	-232,840.00	-5.46	103,296.59	0.00	2.83	4,391,733.41	-232,840.00	126,963.76	120,424.90	0.00	-6,538.25	0.00	-232,840.00	0.00	126,963.76	
146846	146846 Tax Rounding Issue	81,909.07	100,000.00	73,007.90	-18,090.93	-22.09	8,901.17	0.00	10.87	91,098.83	-1,965.36	10,867.00	8,901.17	0.00	-1,965.83	0.00	-18,090.93	0.00	10,867.00	
1460129-1	1460129-1	230,000.00	130,000.00	230,000.00	100,000.00	43.48	0.00	0.00	0.00	130,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1460129-2	1460129-2	216,000.00	130,000.00	216,000.00	86,000.00	39.83	0.00	0.00	0.00	130,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1460129-3	1460129-3	216,000.00	130,000.00	216,000.00	86,000.00	39.83	0.00	0.00	0.00	130,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1460129-4	1460129-4	216,000.00	130,000.00	216,000.00	86,000.00	39.83	0.00	0.00	0.00	130,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1461214	1461214 - Pending PCI Billing with Reference Codes	2,129,800.00	2,129,800.00	2,127,150.00	0.00	0.00	2,350.00	0.00	2.58	2,127,150.00	0.00	54,855.92	54,850.00	0.00	-5.92	0.00	0.00	0.00	54,855.92	
1461214-1	1461214-1 Pending PCI with REF Codes NO WBS	2,161,900.00	2,082,500.00	2,161,500.00	79,000.00	3.65	0.00	0.00	0.76	2,082,500.00	603.09	16,939.49	16,900.00	0.00	-910.52	0.00	603.09	0.00	16,939.49	
1461214-2	1461214-2 with REF NO WBS NO Pending PCI	2,027,718.00	2,032,000.00	2,012,718.00	7,718.00	0.38	15,000.00	0.00	0.00	2,006,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1461214-3	1461214-3 Pending PCI Billing	0.00	1,080,000.00	0.00	-1,080,000.00	0.00	0.00	0.00	0.00	1,080,000.00	-1,080,000.00	0.00	0.00	0.00	0.00	0.00	-1,080,000.00	0.00	0.00	
1461214-4	1461214 - Pending PCI Billing with Reference Codes WBS	1,136,000.00	1,040,000.00	1,136,000.00	76,000.00	6.91	0.00	0.00	0.26	1,040,000.00	196.23	2,796.40	3,000.00	0.00	221.60	0.00	196.23	0.00	2,796.40	
1461823-B3	14.1H23-B3 Ability to show forcast based on Contracting Job	500,375.00	2,100,000.00	500,375.00	-1,599,625.00	-319.69	300.00	0.00	0.00	2,099,700.00	0.00	0.00	0.00	0.00	0.00	0.00	-1,599,625.00	0.00	0.00	
1461823H	14.1H2234 - Ability to show forcast based on Contracting Job	4,000,000.00	5,400,000.00	4,767,621.74	-1,400,000.00	-29.17	12,378.26	0.00	2.15	5,187,621.74	-30,041.32	132,082.00	102,000.00	0.00	-30,082.00	0.00	-1,400,000.00	0.00	132,082.00	
1461750	1461750	399,125.63	1,940,000.00	381,075.13	-1,540,874.37	-386.09	18,050.50	0.00	4.66	1,921,947.50	-72,054.37	90,714.40	18,660.03	0.00	-72,060.66	0.00	-1,540,874.37	0.00	90,714.40	
1461750	1461750	7,140.55	1,940,000.00	-11,587.50	-1,540,874.37	-21,579.36	19,738.00	0.00	1.79	1,921,262.00	-27,566.24	34,706.60	7,140.55	0.00	-27,566.10	0.00	-1,540,874.37	0.00	34,706.60	
1464210	1464210 - Test for productivity popup refresh issue	160,160.00	102,000.00	159,160.00	60,160.00	37.66	1,000.00	0.00	0.94	99,000.00	663.36	937.00	1,600.00	0.00	663.00	0.00	663.36	0.00	937.00	
1464287H	1464287H Main Job	306,464.00	306,464.00	305,197.50	-18,516.00	-30.51	1,266.50	0.00	0.40	305,197.50	-18,516.00	1,612.00	1,224.00	0.00	-378.00	0.00	-18,516.00	0.00	1,612.00	
1464462	1464462	67,500.00	1,468,000.00	67,500.00	-1,312,500.00	-1,944.44	0.00	0.00	1,107.53	1,468,000.00	-16,392,777.07	15,220,998.40	747,555.00	0.00	-14,526,370.40	0.00	-1,312,500.00	0.00	15,223,998.40	
1464601	1464601 - Test for REF Code and posting issue	123,500.00	190,000.00	127,090.00	-21,500.00	-16.90	1,270.00	0.00	0.99	148,730.00	-21,500.00	1,498.00	1,270.00	0.00	-218.00	0.00	-21,500.00	0.00	1,498.00	

Request for Enhancement Monthly Forecast Summary (17.36919)

Added a new report JC_FORECAST_SUMMARY

Please, note that ‘FEE category’ is defined in JC Control File



CMiC

MONTHLY FORECAST SUMMARY

JOB #: 523M
JOB NAME: 523M
REPORT MONTH (YYYY-MM): 2018-04
CONTRACT TYPE: Job Billing

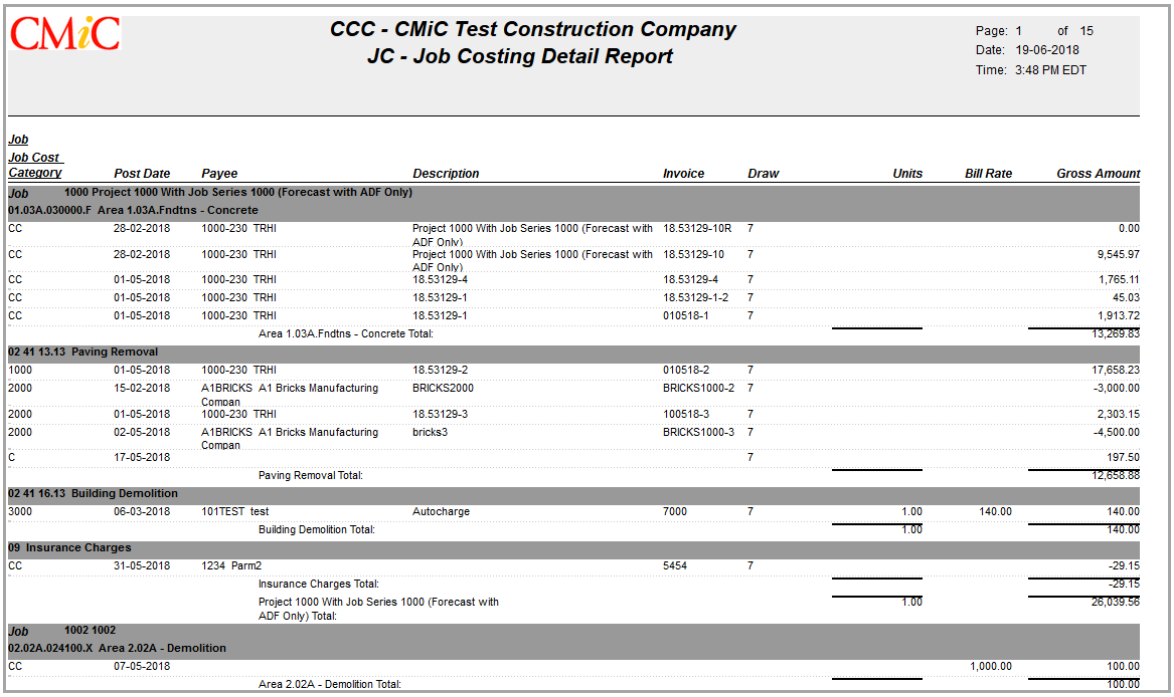
			THIS MONTH		LAST MONTH
	BUDGETED COST				
1	Total Original Budget		300,000.00		300,000.00
2	Total Approved Changes	+	0.00		0.00
3	Total Adjusted Budget (1 + 2)	=	300,000.00		300,000.00
4	Total Pending Changes	+	16,300.00		16,000.00
5	Total Projected Budget (3 + 4)	=	316,300.00	316,300.00	316,000.00
	ACTUAL COST				
6	Total Cost to Date		6,594.96		5,544.96
7	Total Cost to Complete	+	239,900.00		246,100.00
8	Total Forecast Cost (6 + 7)	=	246,494.96	- 246,494.96	- 251,644.96
9	***Under Budget/(Over Budget)*** (5 - 8)			= 69,805.04	= 64,355.04
	FEE				
10	Total Original Budget (Fee)		30,000.00		30,000.00
11	Total Approved Changes (Fee)	+	12,500.00		0.00
12	Total Adjusted Budget (Fee) (10 + 11)	=	42,500.00		30,000.00
13	Total Pending (Fee)	+	6,600.00		0.00
14	Total Projected (Fee) (12 + 13)	=	49,100.00	+ 49,100.00	+ 30,000.00
15	***Forecast Profitability*** (9 + 14)			= 118,905.04	= 94,355.04
	TIME				
16	Original Contract Start Date		01-Nov-14		
17	Current Contract Completion Date		31-Dec-19		
18	Forecast Completion Date	-	31-Dec-19		
	Ahead/(Behind) calendar days	=	0	**(17 - 18)**	
	BILLING STATUS				
19	Gross Billing to Date		1,125.00		
20	Total Cost to Date	-	6,594.96	**(Includes retentions & accruals)**	
	Billings in Excess of Costs	=	-5,469.96	**(19 - 20)**	

SIGNOFFS

COO: _____ (initials) _____ (date)
VP Ops: _____ (initials) _____ (date)
Proj Manager: _____ (signature) _____ (date) _____ (print name)
Controller: _____ (signature) _____ (date) _____ (print name)

Request for custom Job Cost Detail Report (16.28608)

Added a new report Job Cost Detail Report (JC_COST_TRANS_RAN)



CMiC

CCC - CMiC Test Construction Company
JC - Job Costing Detail Report

Page: 1 of 15
Date: 19-06-2018
Time: 3:48 PM EDT

Job / Job Cost Category	Post Date	Payee	Description	Invoice	Draw	Units	Bill Rate	Gross Amount
Job 1000 Project 1000 With Job Series 1000 (Forecast with ADF Only)								
01.03A.030000.F Area 1.03A.Fndtns - Concrete								
CC	28-02-2018	1000-230 TRHI	Project 1000 With Job Series 1000 (Forecast with ADF Only)	18.53129-10R	7			0.00
CC	28-02-2018	1000-230 TRHI	Project 1000 With Job Series 1000 (Forecast with ADF Only)	18.53129-10	7			9,545.97
CC	01-05-2018	1000-230 TRHI	18.53129-4	18.53129-4	7			1,765.11
CC	01-05-2018	1000-230 TRHI	18.53129-1	18.53129-1-2	7			45.03
CC	01-05-2018	1000-230 TRHI	18.53129-1	010518-1	7			1,913.72
			Area 1.03A.Fndtns - Concrete Total:					13,269.83
02 41 13.13 Paving Removal								
1000	01-05-2018	1000-230 TRHI	18.53129-2	010518-2	7			17,658.23
2000	15-02-2018	A1BRICKS A1 Bricks Manufacturing Compan	BRICKS2000	BRICKS1000-2	7			-3,000.00
2000	01-05-2018	1000-230 TRHI	18.53129-3	100518-3	7			2,303.15
2000	02-05-2018	A1BRICKS A1 Bricks Manufacturing Compan	bricks3	BRICKS1000-3	7			-4,500.00
C	17-05-2018				7			197.50
			Paving Removal Total:					12,658.88
02 41 16.13 Building Demolition								
3000	06-03-2018	101TEST test	Autocharge	7000	7	1.00	140.00	140.00
			Building Demolition Total:			1.00		140.00
09 Insurance Charges								
CC	31-05-2018	1234 Parm2		5454	7			-29.15
			Insurance Charges Total:					-29.15
			Project 1000 With Job Series 1000 (Forecast with ADF Only) Total:			1.00		26,039.56
Job 1002 1002								
02.02A.024100.X Area 2.02A - Demolition								
CC	07-05-2018						1,000.00	100.00
			Area 2.02A - Demolition Total:					100.00

Request for custom Job Cost Detail Report (17.29122)

Added a new report Job Cost Detail Report (JC_COST_DEATIL_KHS)

The Job Cost Detail Report for KHS&S has the following parameters based on the Sample Report provided:

- Major Cost Codes (Similar to CMiC Control Cost Codes)

- Minor Cost Codes

- Cost Type (The sample report is run by All Cost Types)

- As of Date

The Job Cost Detail Report for KHS&S display the following information based on the Sample Report provided:

- Job Estimate Units, Units of Measure, Hours, Unit Cost, and Cost

- Commitments

- Weekly Hours, and Cost

- Projected % Complete/Date Set, $ at Completion, and Variance

The Report will run the past week Mon to Sun from the As of date.

It will have 5 sections

Sec 1

- Job Estimate (Budget Based)

- Commitments

- Week cost

- Cumulative Cost

- Projected Values (Contract Forecasting Weekly based)

Sec 2 Summary by Category (Cost Type)

Sec 3 Financial Summery

- Contract Status (Billing)

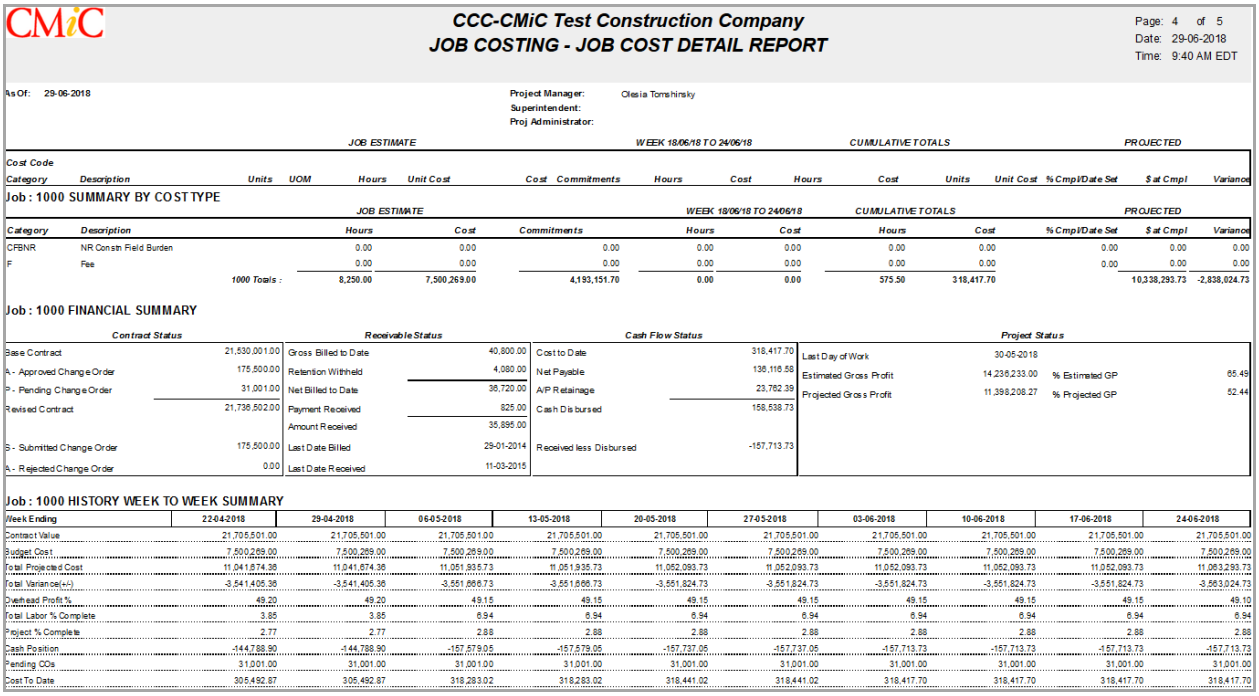
- Receivables (Billing + AR)

- Cash Flow (AP)

- Projected Status Calculation based on Section 1

Sec 4 10 Weeks History (Last Week and 9 weeks prior)

Sec 5 in not included in the Estimate, if it is to be included estimate will change



CMiC

CCC-CMiC Test Construction Company
JOB COSTING - JOB COST DETAIL REPORT

Page: 4 of 5
Date: 29-06-2018
Time: 9:40 AM EDT

As Of: 29-06-2018

Project Manager: Olesia Tomshinsky
Superintendent:
Proj Administrator:

Cost Code				JOB ESTIMATE			WEEK 18/06/18 TO 24/06/18		CUMULATIVE TOTALS		PROJECTED				
Category	Description	Units	UOM	Hours	Unit Cost	Cost	Commitments	Hours	Cost	Hours	Cost	Units	Unit Cost	% Cmpl/Date Set	$ at Cmpl	Variance
Job : 1000 SUMMARY BY COST TYPE																
				JOB ESTIMATE				WEEK 18/06/18 TO 24/06/18		CUMULATIVE TOTALS				PROJECTED		
Category	Description			Hours		Cost	Commitments	Hours	Cost	Hours	Cost			% Cmpl/Date Set	$ at Cmpl	Variance
CFBNR	NR Constn Field Burden			0.00		0.00	0.00	0.00	0.00	0.00	0.00			0.00	0.00	0.00
F	Fee			0.00		0.00	0.00	0.00	0.00	0.00	0.00			0.00	0.00	0.00
	1000 Totals :			8,250.00		7,500,269.00	4,193,151.70	0.00	0.00	575.50	318,417.70				10,338,293.73	-2,838,024.73

Job : 1000 FINANCIAL SUMMARY

Contract Status		Receivable Status		Cash Flow Status		Project Status			
Base Contract	21,530,001.00	Gross Billed to Date	40,800.00	Cost to Date	318,417.70	Last Day of Work	30-05-2018		
A - Approved Change Order	175,500.00	Retention Withheld	4,080.00	Net Payable	136,116.58	Estimated Gross Profit	14,236,233.00	% Estimated GP	65.49
P - Pending Change Order	31,001.00	Net Billed to Date	36,720.00	A/P Retainage	23,762.39	Projected Gross Profit	11,398,208.27	% Projected GP	52.44
Revised Contract	21,736,502.00	Payment Received	825.00	Cash Disbursed	158,538.73				
		Amount Received	35,895.00						
S - Submitted Change Order	175,500.00	Last Date Billed	29-01-2014	Received less Disbursed	-157,713.73				
A - Rejected Change Order	0.00	Last Date Received	11-03-2015						

Job : 1000 HISTORY WEEK TO WEEK SUMMARY

Week Ending	22-04-2018	29-04-2018	06-05-2018	13-05-2018	20-05-2018	27-05-2018	03-06-2018	10-06-2018	17-06-2018	24-06-2018
Contract Value	21,705,501.00	21,705,501.00	21,705,501.00	21,705,501.00	21,705,501.00	21,705,501.00	21,705,501.00	21,705,501.00	21,705,501.00	21,705,501.00
Budget Cost	7,500,269.00	7,500,269.00	7,500,269.00	7,500,269.00	7,500,269.00	7,500,269.00	7,500,269.00	7,500,269.00	7,500,269.00	7,500,269.00
Total Projected Cost	11,041,674.36	11,041,674.36	11,051,935.73	11,051,935.73	11,052,093.73	11,052,093.73	11,052,093.73	11,052,093.73	11,052,093.73	11,063,293.73
Total Variance(+/-)	-3,541,405.36	-3,541,405.36	-3,551,666.73	-3,551,666.73	-3,551,824.73	-3,551,824.73	-3,551,824.73	-3,551,824.73	-3,551,824.73	-3,563,024.73
Overhead Profit %	49.20	49.20	49.15	49.15	49.15	49.15	49.15	49.15	49.15	49.10
Total Labor % Complete	3.85	3.85	6.94	6.94	6.94	6.94	6.94	6.94	6.94	6.94
Project % Complete	2.77	2.77	2.88	2.88	2.88	2.88	2.88	2.88	2.88	2.88
Cash Position	-144,788.90	-144,788.90	-157,579.05	-157,579.05	-157,737.05	-157,737.05	-157,713.73	-157,713.73	-157,713.73	-157,713.73
Pending COs	31,001.00	31,001.00	31,001.00	31,001.00	31,001.00	31,001.00	31,001.00	31,001.00	31,001.00	31,001.00
Cost To Date	305,492.87	305,492.87	318,283.02	318,283.02	318,441.02	318,441.02	318,417.70	318,417.70	318,417.70	318,417.70

Report Enhancement Dept Weekly Lien Status Report (17.29118)

Added a new report Job Cost Detail Report (JB_LIEN_STATUS_KHS)

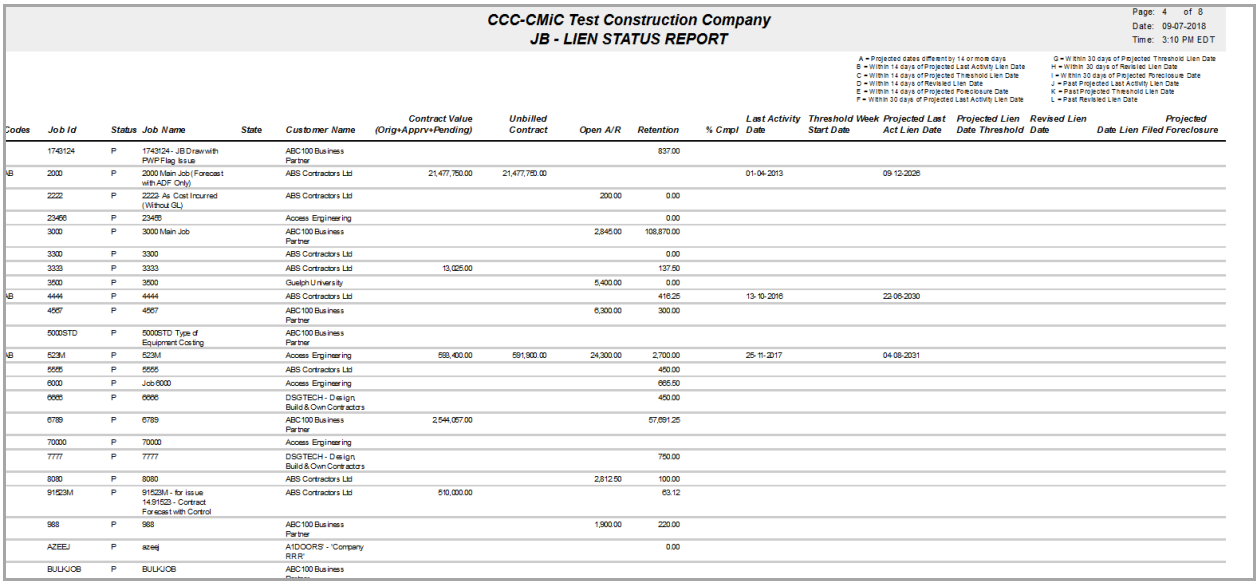
The key parameters in the current Departmental Weekly Lien Status Report are that KHS&S would like to emphasize are:

- Last Activity Date - Last Activity that hit this job for labor is this date

- Threshold Week - Gives the week that total payroll is greater than the threshold amount

- Codes in the First Column are explained in top right corner of the report for number of days

- % Compl is modifiable by user



CCC-CMiC Test Construction Company
JB - LIEN STATUS REPORT

Page: 4 of 8
Date: 09-07-2018
Time: 3:10 PM EDT

A = Projected dates different by 14 or more days
B = Within 14 days of Projected Last Activity Lien Date
C = Within 14 days of Projected Threshold Lien Date
D = Within 14 days of Revised Lien Date
E = Within 14 days of Projected Foreclosure Date
F = Within 30 days of Projected Last Activity Lien Date
G = Within 30 days of Projected Threshold Lien Date
H = Within 30 days of Revised Lien Date
I = Within 30 days of Projected Foreclosure Date
J = Past Projected Last Activity Lien Date
K = Past Projected Threshold Lien Date
L = Past Revised Lien Date

Codes	Job Id	Status	Job Name	State	Customer Name	Contract Value (Orig+Apprv+Pending)	Unbilled Contract	Open A/R	Retention	% Cmpl	Last Activity Date	Threshold Week Start Date	Projected Last Act Lien Date	Projected Lien Date Threshold	Revised Lien Date	Projected Date Lien Filed Foreclosure
	1743124	P	1743124 - JB Draw with PWP Flag Issue		ABC100 Business Partner				837.00							
NB	2000	P	2000 Main Job (Forecast with ADF Only)		ABS Contractors Ltd	21,477,750.00	21,477,750.00				01-04-2013		09-12-2026			
	2222	P	2222- As Cost Incurred (Without GL)		ABS Contractors Ltd			200.00	0.00							
	23456	P	23456		Access Engineering				0.00							
	3000	P	3000 Main Job		ABC100 Business Partner			2,845.00	108,870.00							
	3300	P	3300		ABS Contractors Ltd				0.00							
	3333	P	3333		ABS Contractors Ltd	13,025.00			137.50							
	3500	P	3500		Guelph University			5,400.00	0.00							
NB	4444	P	4444		ABS Contractors Ltd				416.25		13-10-2016		22-06-2030			
	4567	P	4567		ABC100 Business Partner			6,300.00	300.00							
	5000STD	P	5000STD Type of Equipment Costing		ABC100 Business Partner											
NB	523M	P	523M		Access Engineering	588,400.00	591,900.00	24,300.00	2,700.00		25-11-2017		04-08-2031			
	5555	P	5555		ABS Contractors Ltd				450.00							
	6000	P	Job 6000		Access Engineering				665.50							
	6666	P	6666		DSGTECH - Design, Build & Own Contractors				450.00							
	6789	P	6789		ABC100 Business Partner	2,544,057.00			57,691.25							
	70000	P	70000		Access Engineering											
	7777	P	7777		DSGTECH - Design, Build & Own Contractors				750.00							
	8080	P	8080		ABS Contractors Ltd			2,812.50	100.00							
	91523M	P	91523M - for issue 14.91523 - Contract Forcast with Control		ABS Contractors Ltd	510,000.00			63.12							
	988	P	988		ABC100 Business Partner			1,900.00	220.00							
	AZEEJ	P	azeej		A1DOORS - 'Company RRR'				0.00							
	BULKJOB	P	BULKJOB		ABC100 Business Partner											

Modify JC_JOB_BUDGET Report and JTD Revenue Variance Report (17.44522)

Modified a report JTD Cost Variance Report (JC_COST_VARIANCE)

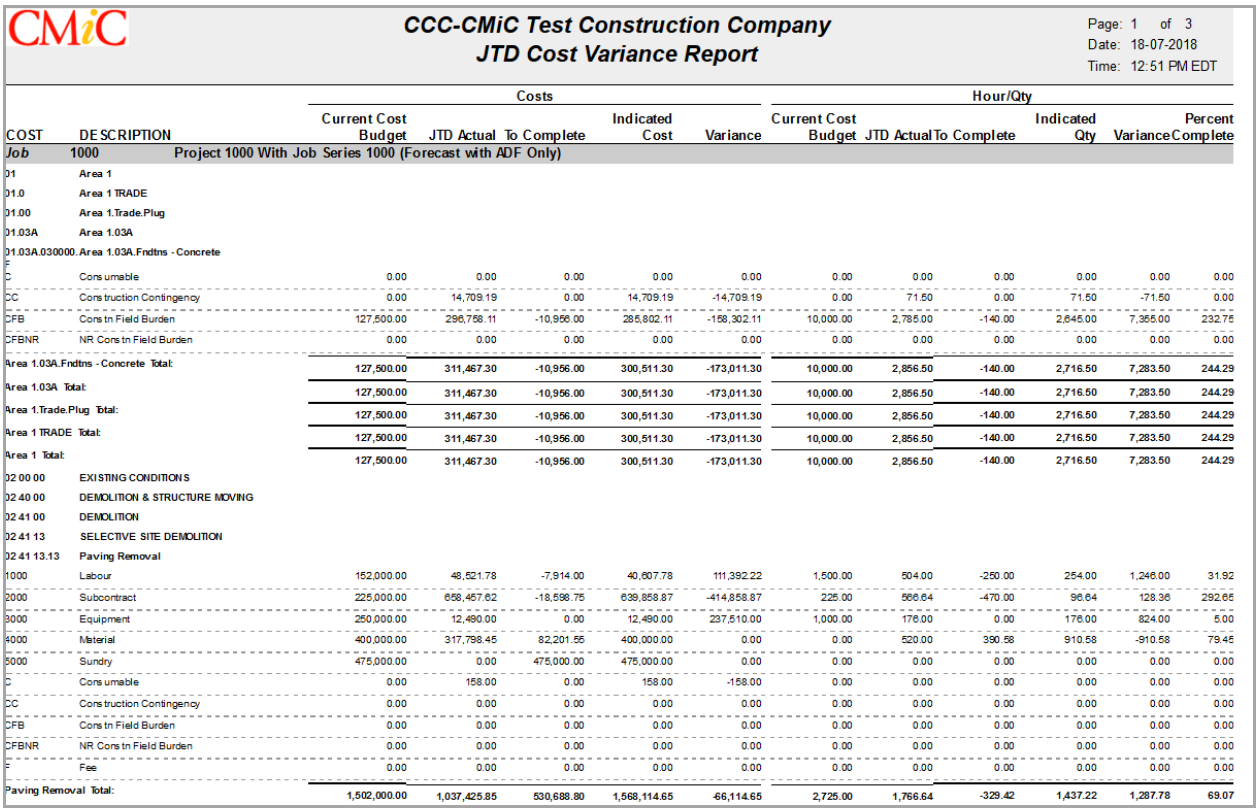
Columns:

- Removed Remaining
- Renamed JTD to JTD Actual

Added:

- Current Cost Budget
- To Complete populate from (PMOJSQ_TO_COMPLETE_AMT JC Query) Cost amt and quantity for hours
- Added columns for ‘Indicated Cost’ and ‘Forecast’ (Calculated) for both costs and quantities.
- Added current billing Budget

Added Parameter: Category as a multi select



CMiC

CCC-CMiC Test Construction Company
JTD Cost Variance Report

Page: 1 of 3
Date: 18-07-2018
Time: 12:51 PM EDT

		Costs					Hour/Qty					
COST	DESCRIPTION	Current Cost Budget	JTD Actual	To Complete	Indicated Cost	Variance	Current Cost Budget	JTD Actual	To Complete	Indicated Qty	Variance	Percent Complete
Job	1000 Project 1000 With Job Series 1000 (Forecast with ADF Only)											
01	Area 1											
01.0	Area 1 TRADE											
01.00	Area 1.Trade.Plug											
01.03A	Area 1.03A											
01.03A.030000.F	Area 1.03A.Fndtns - Concrete											
C	Consumable	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CC	Construction Contingency	0.00	14,709.19	0.00	14,709.19	-14,709.19	0.00	71.50	0.00	71.50	-71.50	0.00
CFB	Constn Field Burden	127,500.00	296,758.11	-10,956.00	285,802.11	-158,302.11	10,000.00	2,785.00	-140.00	2,645.00	7,355.00	232.75
CFBNR	NR Constn Field Burden	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Area 1.03A.Fndtns - Concrete Total:		127,500.00	311,467.30	-10,956.00	300,511.30	-173,011.30	10,000.00	2,856.50	-140.00	2,716.50	7,283.50	244.29
Area 1.03A Total:		127,500.00	311,467.30	-10,956.00	300,511.30	-173,011.30	10,000.00	2,856.50	-140.00	2,716.50	7,283.50	244.29
Area 1.Trade.Plug Total:		127,500.00	311,467.30	-10,956.00	300,511.30	-173,011.30	10,000.00	2,856.50	-140.00	2,716.50	7,283.50	244.29
Area 1 TRADE Total:		127,500.00	311,467.30	-10,956.00	300,511.30	-173,011.30	10,000.00	2,856.50	-140.00	2,716.50	7,283.50	244.29
Area 1 Total:		127,500.00	311,467.30	-10,956.00	300,511.30	-173,011.30	10,000.00	2,856.50	-140.00	2,716.50	7,283.50	244.29
02 00 00	EXISTING CONDITIONS											
02 40 00	DEMOLITION & STRUCTURE MOVING											
02 41 00	DEMOLITION											
02 41 13	SELECTIVE SITE DEMOLITION											
02 41 13.13	Paving Removal											
1000	Labour	152,000.00	48,521.78	-7,914.00	40,607.78	111,392.22	1,500.00	504.00	-250.00	254.00	1,246.00	31.92
2000	Subcontract	225,000.00	658,457.62	-18,598.75	639,858.87	-414,858.87	225.00	566.64	-470.00	96.64	128.36	292.65
3000	Equipment	250,000.00	12,490.00	0.00	12,490.00	237,510.00	1,000.00	176.00	0.00	176.00	824.00	5.00
4000	Material	400,000.00	317,798.45	82,201.55	400,000.00	0.00	0.00	520.00	390.58	910.58	-910.58	79.45
5000	Sundry	475,000.00	0.00	475,000.00	475,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C	Consumable	0.00	158.00	0.00	158.00	-158.00	0.00	0.00	0.00	0.00	0.00	0.00
CC	Construction Contingency	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CFB	Constn Field Burden	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CFBNR	NR Constn Field Burden	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
F	Fee	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Paving Removal Total:		1,502,000.00	1,037,425.85	530,688.80	1,568,114.65	-66,114.65	2,725.00	1,766.64	-329.42	1,437.22	1,287.78	69.07

Modified a new report JTD Revenue Variance Report (JC_REV_VARIANCE)

- Added to the Title: JTD Revenue Variance Report
- Changed Current Cost Budget to Current Billing Budget on both the Cost and Hours/QTY side.

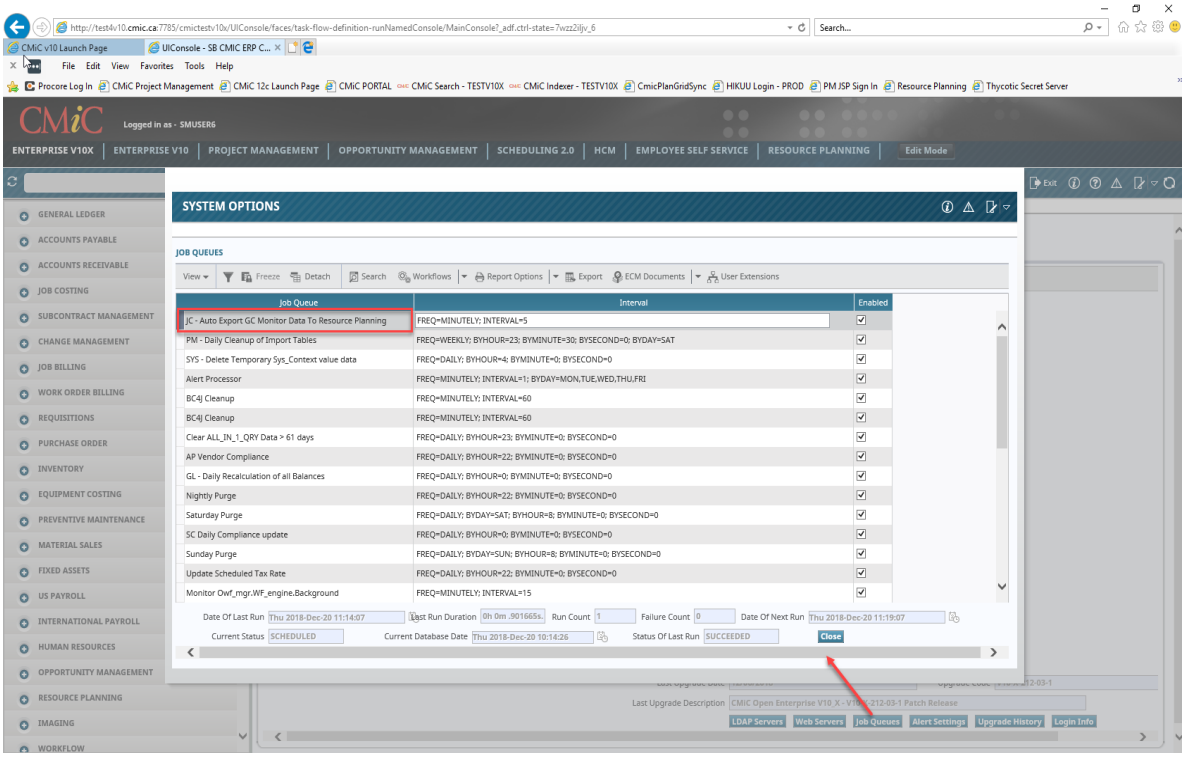
CMiC

CCC-CMiC Test Construction Company
JTD Revenue Variance Report

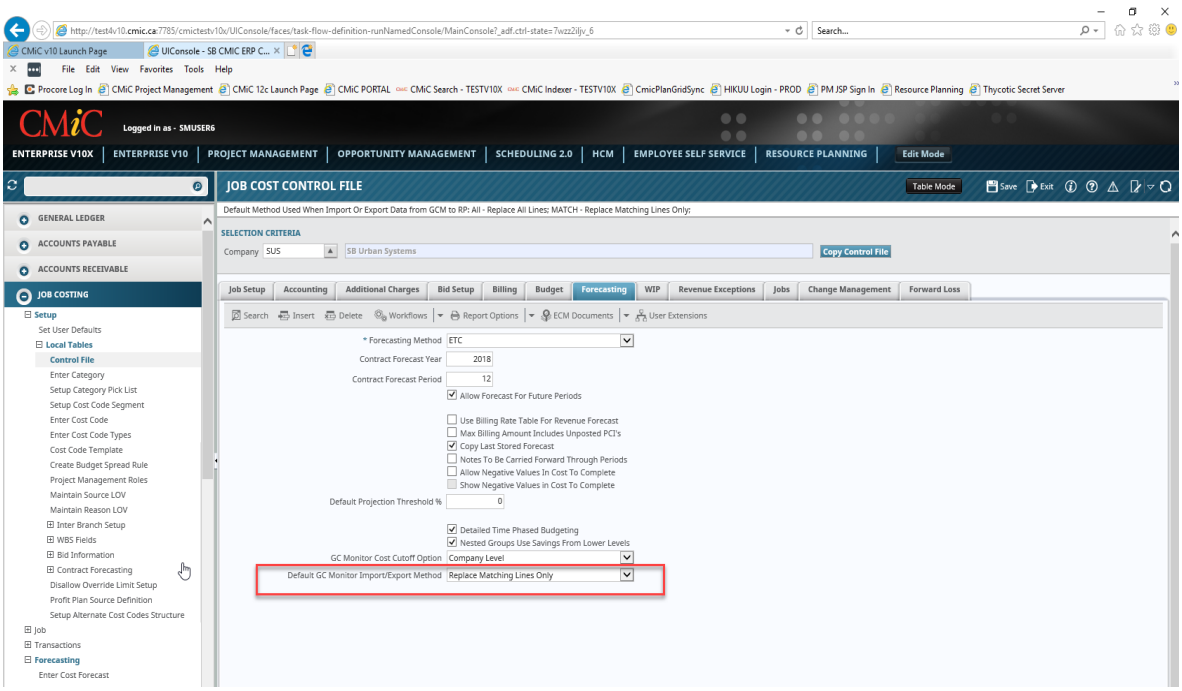
Page: 1 of 3
Date: 18-07-2018
Time: 12:52 PM EDT

		Costs					Hour/Qty				
COST	DESCRIPTION	Current Billing Budget	JTD Actual To Complete	Indicated Cost	Variance	Current Billing	JTD Actual To Complete	Indicated Qty	Variance	Percent Complete
Job	1000 Project 1000 With Job Series 1000 (Forecast with ADF Only)									
01	Area 1									
01.0	Area 1 TRADE									
01.00	Area 1.Trade.Plug									
01.03A	Area 1.03A									
01.03A.030000.F	Area 1.03A.Fndtns - Concrete									
C	Consumable	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CC	Construction Contingency	0.00	14,709.19	0.00	14,709.19	-14,709.19	0.00	71.50	0.00	71.50	-71.50	0.00
CFB	Constn Field Burden	0.00	296,758.11	-10,956.00	285,802.11	-285,802.11	0.00	2,785.00	-140.00	2,645.00	-2,645.00	0.00
CFBNR	NR Constn Field Burden	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Area 1.03A.Fndtns - Concrete Total:		0.00	311,467.30	-10,956.00	300,511.30	-300,511.30	0.00	2,856.50	-140.00	2,716.50	-2,716.50	0.00
Area 1.03A Total:		0.00	311,467.30	-10,956.00	300,511.30	-300,511.30	0.00	2,856.50	-140.00	2,716.50	-2,716.50	0.00
Area 1.Trade.Plug Total:		0.00	311,467.30	-10,956.00	300,511.30	-300,511.30	0.00	2,856.50	-140.00	2,716.50	-2,716.50	0.00
Area 1 TRADE Total:		0.00	311,467.30	-10,956.00	300,511.30	-300,511.30	0.00	2,856.50	-140.00	2,716.50	-2,716.50	0.00
Area 1 Total:		0.00	311,467.30	-10,956.00	300,511.30	-300,511.30	0.00	2,856.50	-140.00	2,716.50	-2,716.50	0.00
02 00 00	EXISTING CONDITIONS										
02 40 00	DEMOLITION & STRUCTURE MOVING										
02 41 00	DEMOLITION										
02 41 13	SELECTIVE SITE DEMOLITION										
02 41 13.13	Paving Removal										
1000	Labour	450,000.00	48,521.78	-7,914.00	40,607.78	409,392.22	4,500.00	504.00	-250.00	254.00	4,246.00	10.78
2000	Subcontract	675,000.00	658,457.62	-18,598.75	639,858.87	35,141.13	675.00	566.64	-470.00	96.64	578.36	97.55
3000	Equipment	750,000.00	12,490.00	0.00	12,490.00	737,510.00	3,000.00	176.00	0.00	176.00	2,824.00	1.67
4000	Material	650,000.00	317,798.45	82,201.55	400,000.00	250,000.00	0.00	520.00	390.58	910.58	-910.58	48.88
5000	Sundry	1,425,000.00	0.00	475,000.00	475,000.00	950,000.00	0.00	0.00	0.00	0.00	0.00	0.00
C	Consumable	0.00	158.00	0.00	158.00	-158.00	0.00	0.00	0.00	0.00	0.00	0.00
CC	Construction Contingency	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CFB	Constn Field Burden	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CFBNR	NR Constn Field Burden	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

JC/RP: Auto Export GC Monitor to RP (18.59224)



CMiC has added a schedule job that will auto-export GC Monitor resources into Resource Planning (RP). It will use the default setting for GC Monitor Import/Export in the JC Control screen:

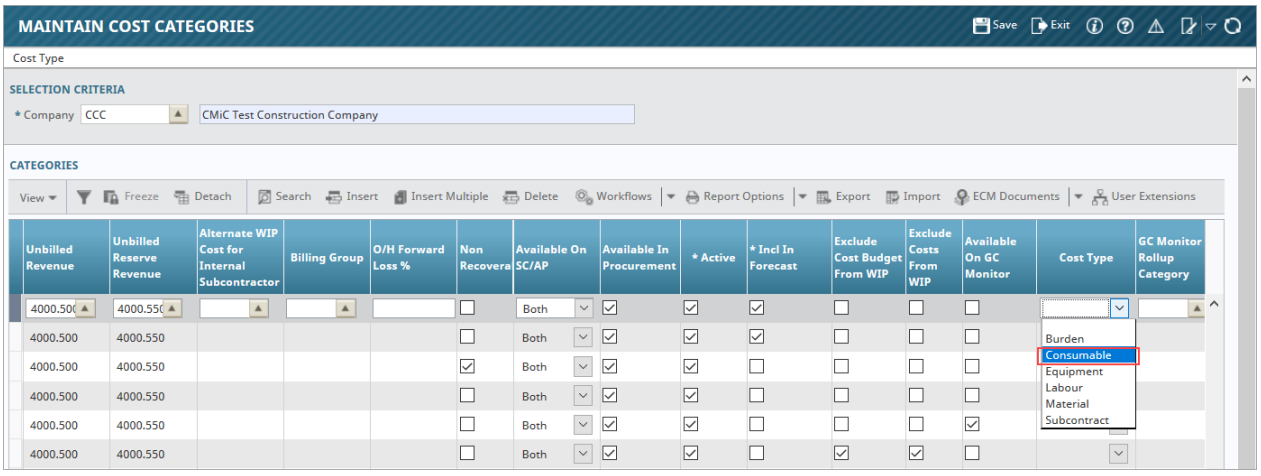


"**Replace Matching Lines Only**" means those RP lines which do not exist in GC Monitor will remain in RP. It will add the new line to RP if it exists in GC Monitor but not in RP.

"**Replace All Lines**" means all RP lines will be deleted and replaced.

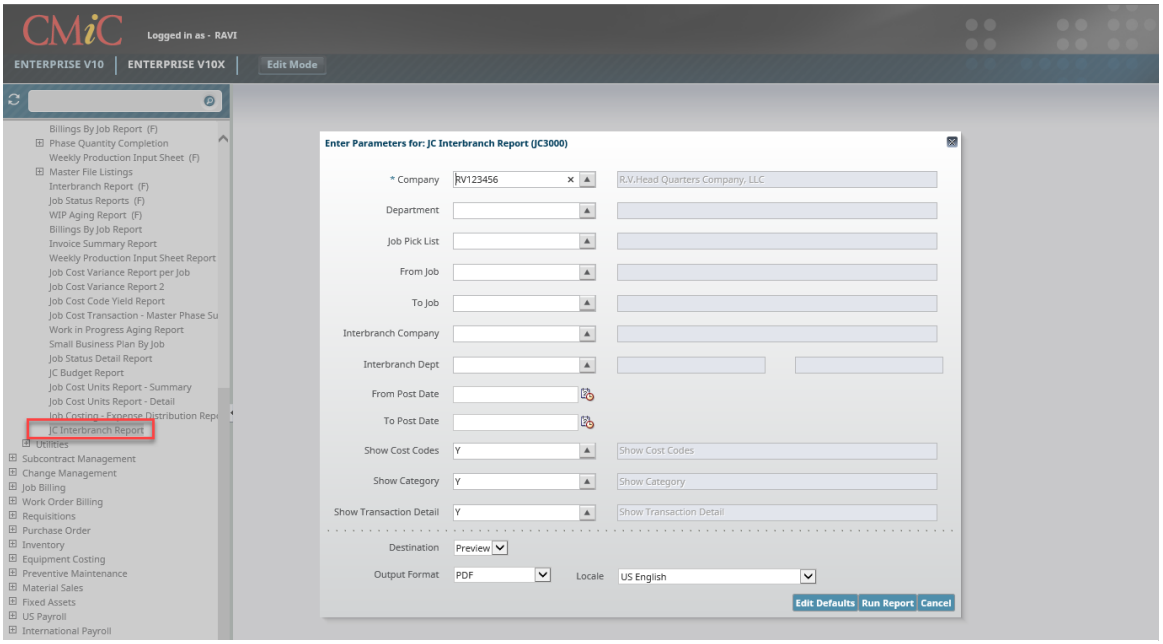
Requested Cost Type - Consumables (18.66427)

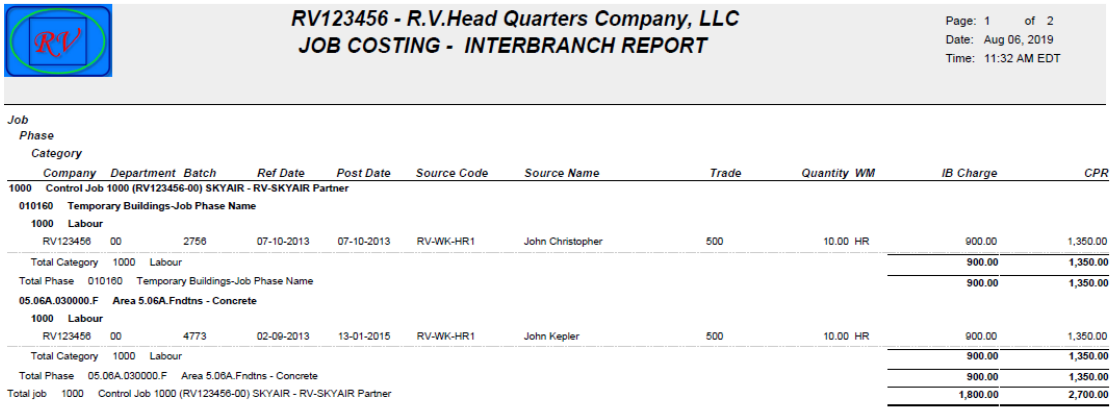
Added a new Cost Type 'Consumables' to the Maintain Categories screen.



JC Inter Branch Report (JC3000) Jasper Conversion (19.81557)

JC Inter Branch Report (JC3000) is now converted into Jasper Reports.





RV123456 - R.V.Head Quarters Company, LLC
JOB COSTING - INTERBRANCH REPORT

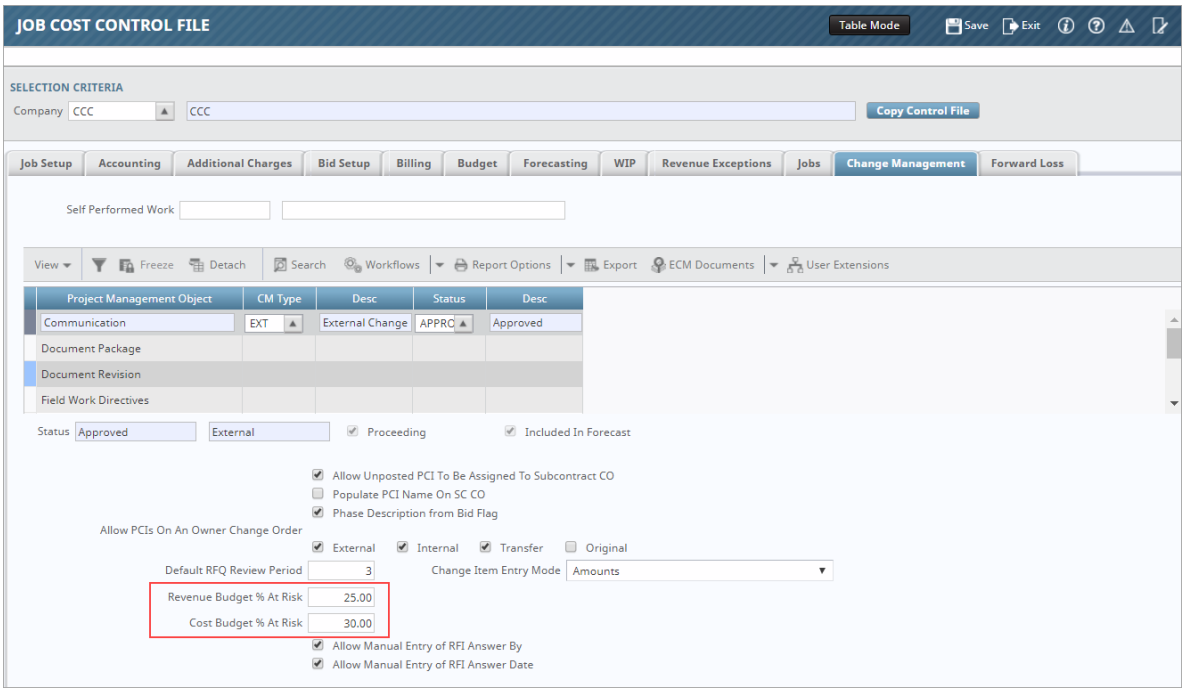
Page: 1 of 2
Date: Aug 06, 2019
Time: 11:32 AM EDT

Job
Phase
Category

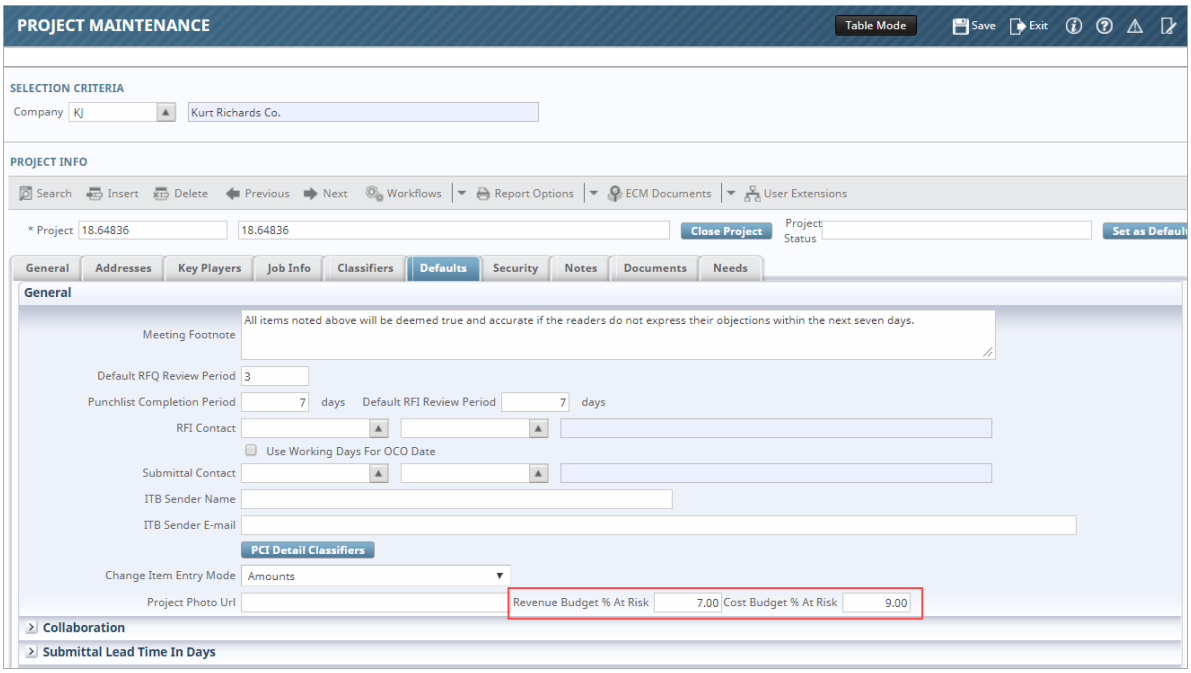
Company	*Department*	*Batch*	*Ref Date*	*Post Date*	*Source Code*	*Source Name*	*Trade*	*Quantity*	*WM*	*IB Charge*	*CPR*
1000 Control Job 1000 (RV123456-00) SKYAIR - RV-SKYAIR Partner											
010160 Temporary Buildings-Job Phase Name											
1000 Labour											
RV123456	00	2756	07-10-2013	07-10-2013	RV-WK-HR1	John Christopher	500	10.00	HR	900.00	1,350.00
Total Category 1000 Labour										**900.00**	**1,350.00**
Total Phase 010160 Temporary Buildings-Job Phase Name										**900.00**	**1,350.00**
05.06A.030000.F Area 5.06A.Fndtns - Concrete											
1000 Labour											
RV123456	00	4773	02-09-2013	13-01-2015	RV-WK-HR1	John Kepler	500	10.00	HR	900.00	1,350.00
Total Category 1000 Labour										**900.00**	**1,350.00**
Total Phase 05.06A.030000.F Area 5.06A.Fndtns - Concrete										**900.00**	**1,350.00**
Total job 1000 Control Job 1000 (RV123456-00) SKYAIR - RV-SKYAIR Partner										**1,800.00**	**2,700.00**

Enhancement - At Risk Percentage default (18.64836)

Added 2 new fields (‘Revenue Budget % at Risk’ and ‘Cost Budget % at Risk’) on JC Control File screen, fields are hidden by default



Added 2 new fields (‘Revenue Budget % at Risk’ and ‘Cost Budget % at Risk’) on Project Maintenance screen, fields are hidden by default. New fields default values from JC Control File, but can be overridden.



Values from new fields are populated in PCI Projection report.

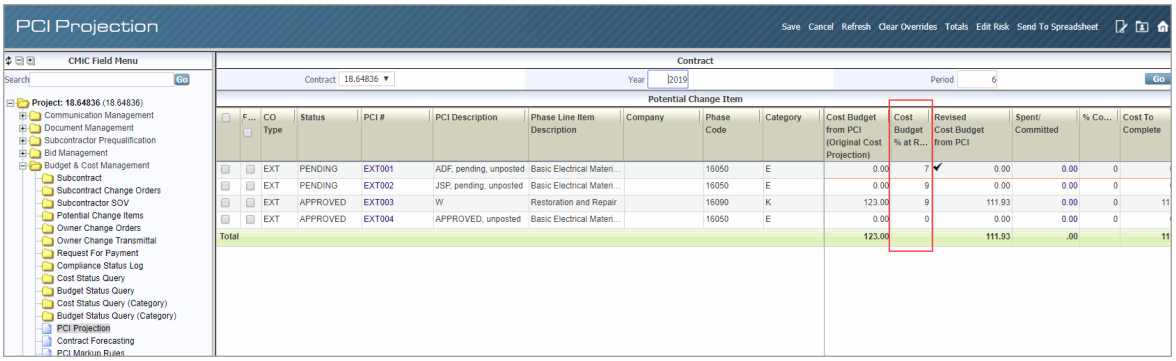
If PCI is PENDING and UNPOSTED value is populated from Project Maintenance.

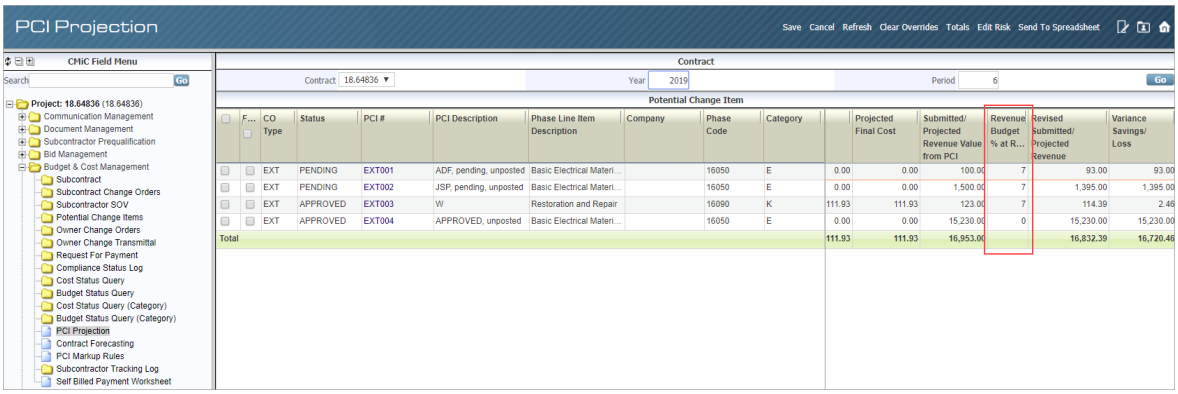
If PCI is APPROVED and UNPOSTED value is 0%.

PCI POSTED in current period is not shown in PCI Projection report.

If PCI is posted in future, it is considered as PENDING PCI (even if status is APPROVED).

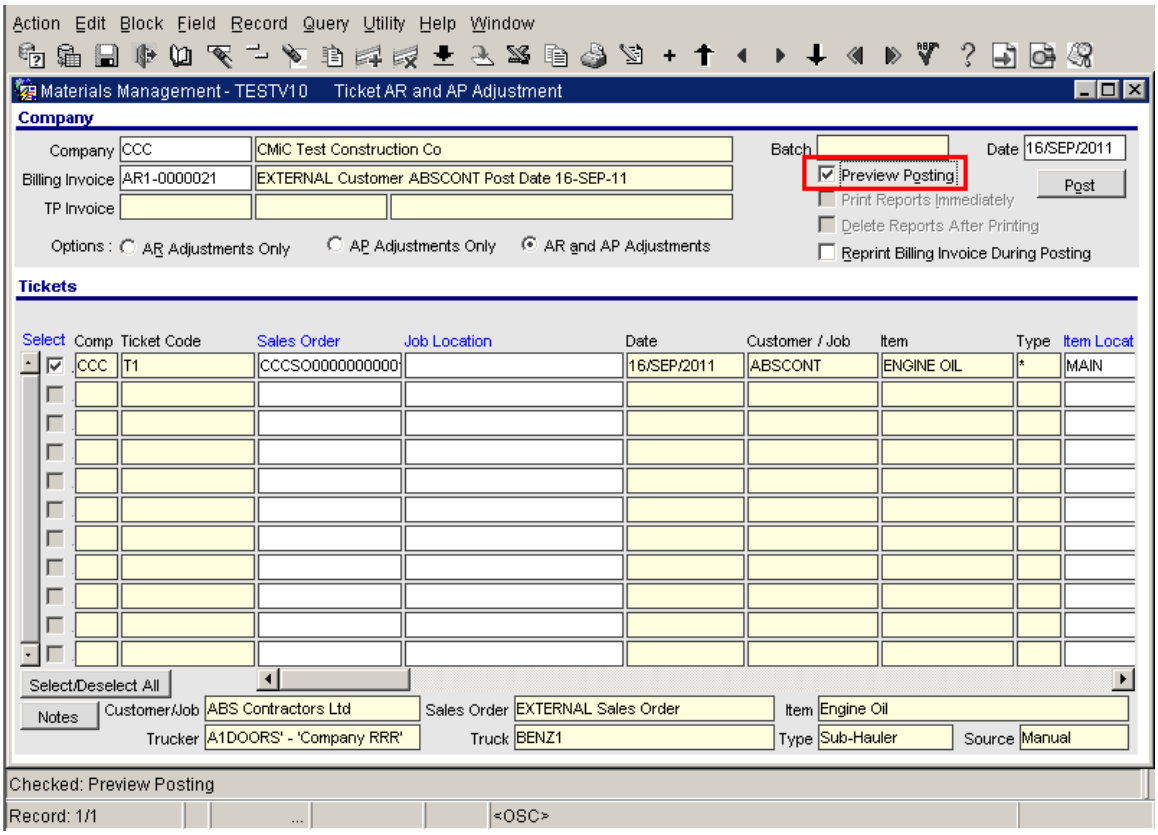
Please note, that pre-existing logic (Refresh, Override, Edit Risk) applies to new functionality.





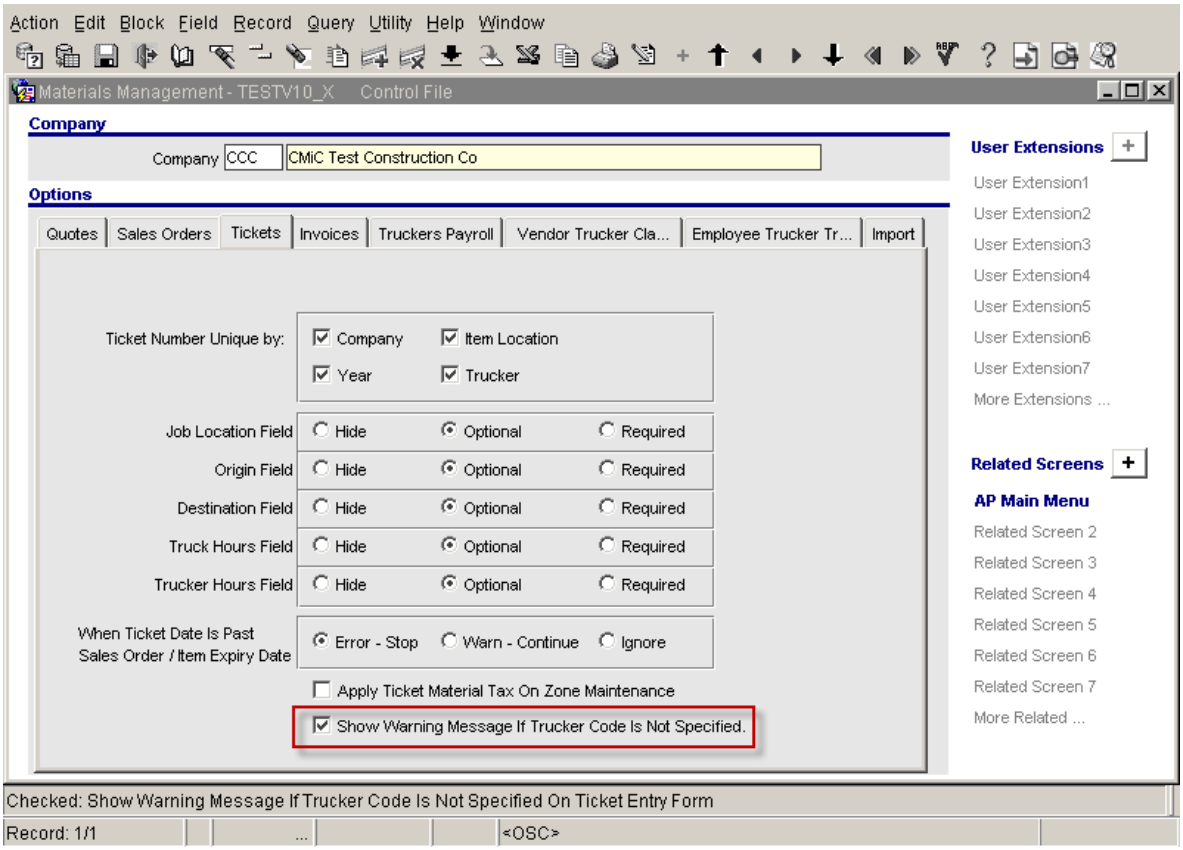
Materials Management

Ticket AR /AP Adjustment screen preview posting (11.54497)



'Preview posting' functionality is added to the MS>Utilities> Ticket AR/AP Adjustment Posting screen. When checked, the other report options are disabled. Similar to other applications, users now have the ability to preview posting reports of GL/AP/AR and make adjustments if needed and then go through the actual posting process.

MS Ticket Entry – Trucker field validation message (12.75177)



MS Control form is modified with the addition of a check box 'Show Warning Message If Trucker Code Is Not Specified'. The default value is set as 'Y' (Checked).

When un-checked, during Ticket Entry, there will not be any warning message popup, when the Truckers field is left as null.

This modification applies to both long & short forms of the Ticket Entry forms.

Additional Columns in Zone Price Maintenance Form (13.77083)

Added Distance and Time columns to the Zone price Maintenance Form in Materials management application.

Modifications:

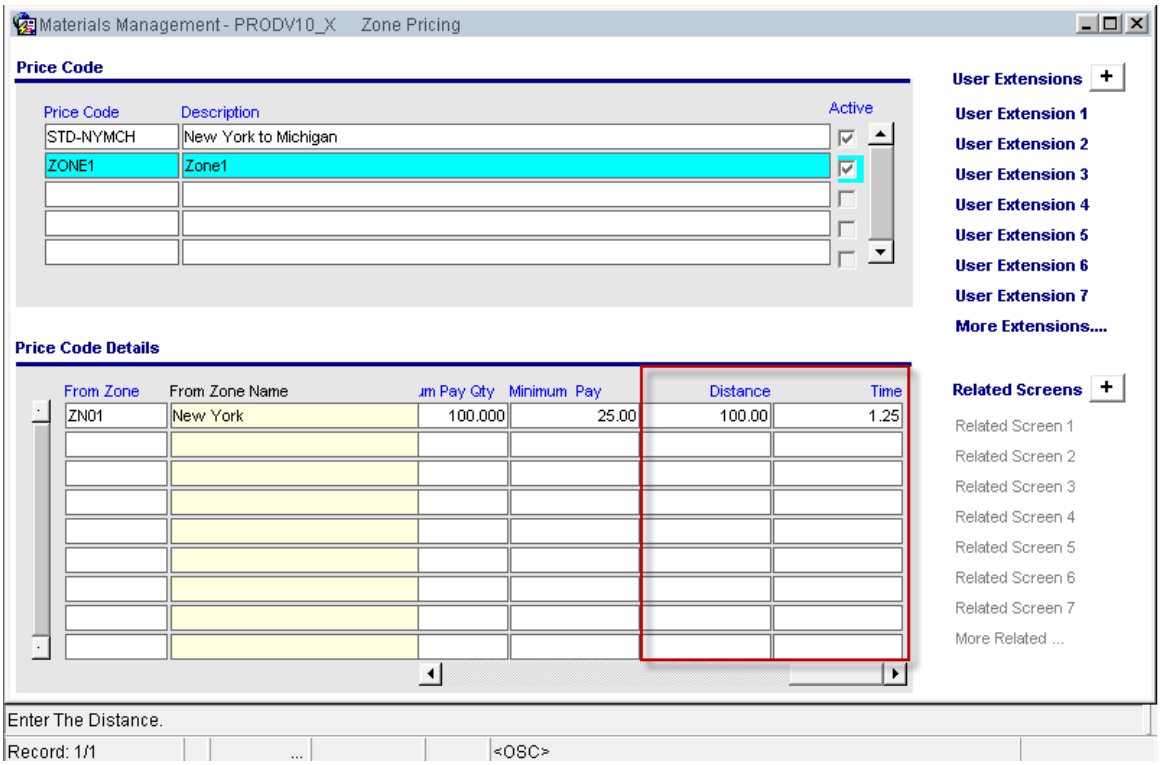
The zone price maintenance form (amims_zoneprice.fmx) is modified with the addition of two new columns, Distance & time. The table MS_ZONE_PRICING_DETAILS is modified with the following two columns to store the distance and time values.

1. MSZPCD_DISTANCE Number (16,3)
2. MSZPCD_TIME Number (16,3)

The maximum number allowed for user entry is restricted to the maximum as shown below.

Distance Column 9,999,999,999.99

Time 999,999,999.99



MS>Local Tables>Zone pricing

NOTE: These fields are for information purposes only. The values stored are NOT used anywhere else such as queries or reports. These values may be used for custom reporting.

Internal Invoice Entry - Improved Usability (14.886659)

Enhancement to MS Internal Material Invoice Entry to improve usability for faster performance by users.

Implementation:

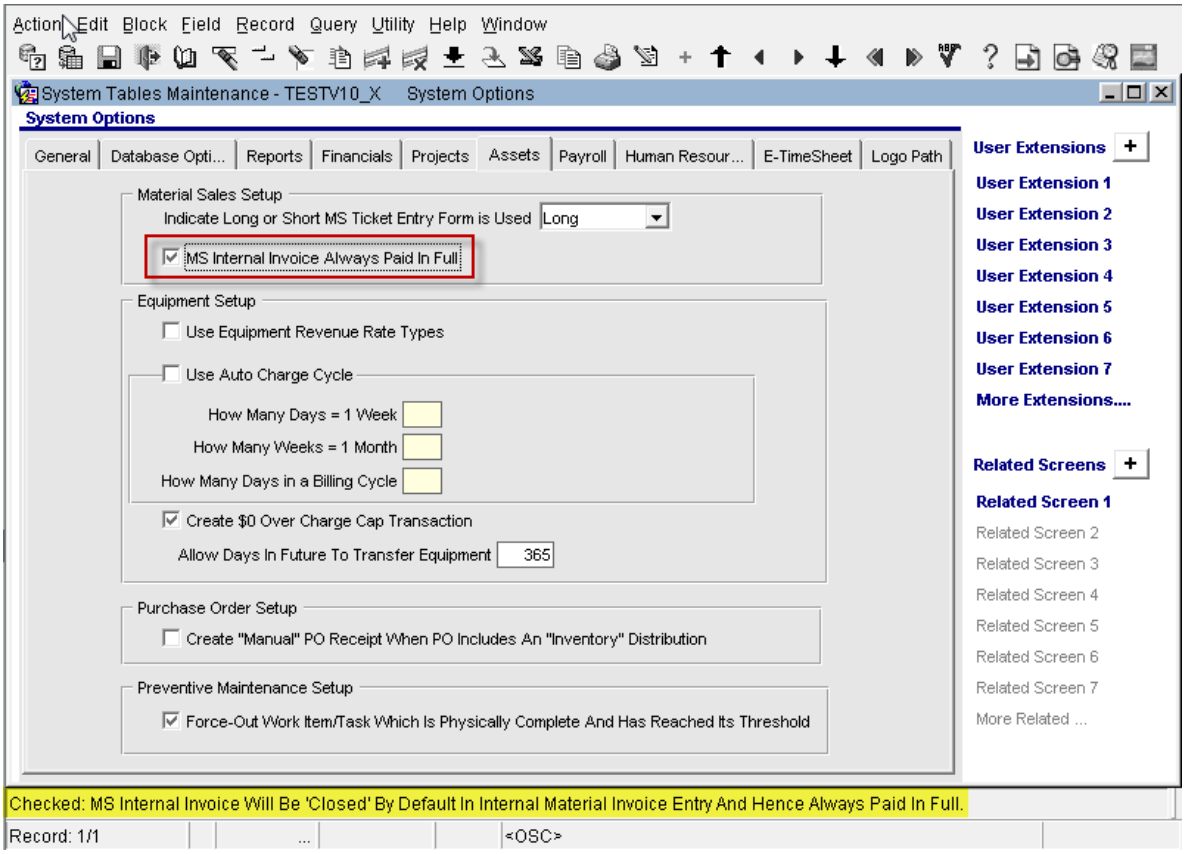
Added a System Options flag ' MS Internal Invoice Always Paid in Full'.

The default value is un-checked and the system would continue to function as before.

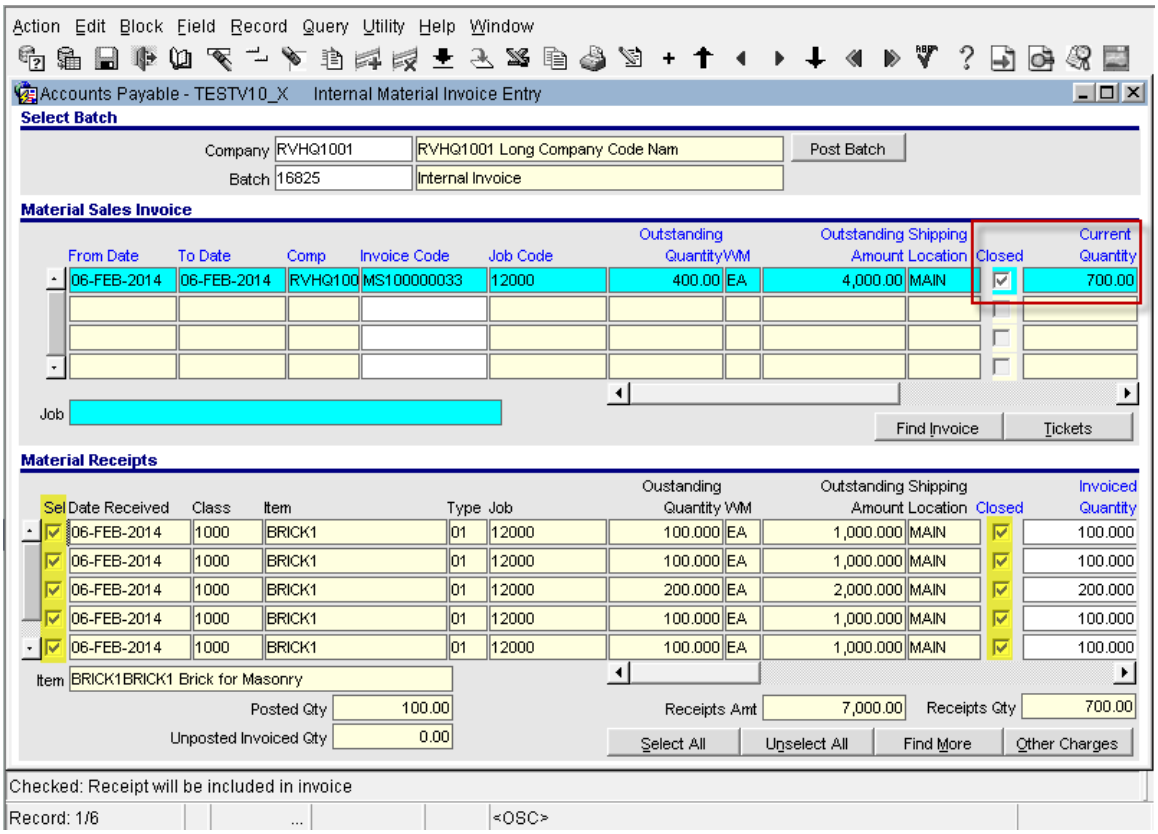
When checked, upon selection, the Internal invoice will have the 'Closed' flag checked and the 'current quantity' field locked for user updates. The Material receipts block will pre-populate all the material receipts for the job in the invoice block and by default all of the material receipts 'Selected' and 'Closed'. Users will be able to un-select one or more material receipts as required. The system would then update the current quantity in the header block with the total receipts quantity in the bottom block.

All other validations such as 'Current Payment Quantity greater than MS Invoice Outstanding Quantity' are still valid and will be displayed accordingly.

NOTE: With this enhancement, users may NOT be required to open the 'Find More' popup, and search/select the material receipts for the same job.



System Options (Sysopt.fmx)



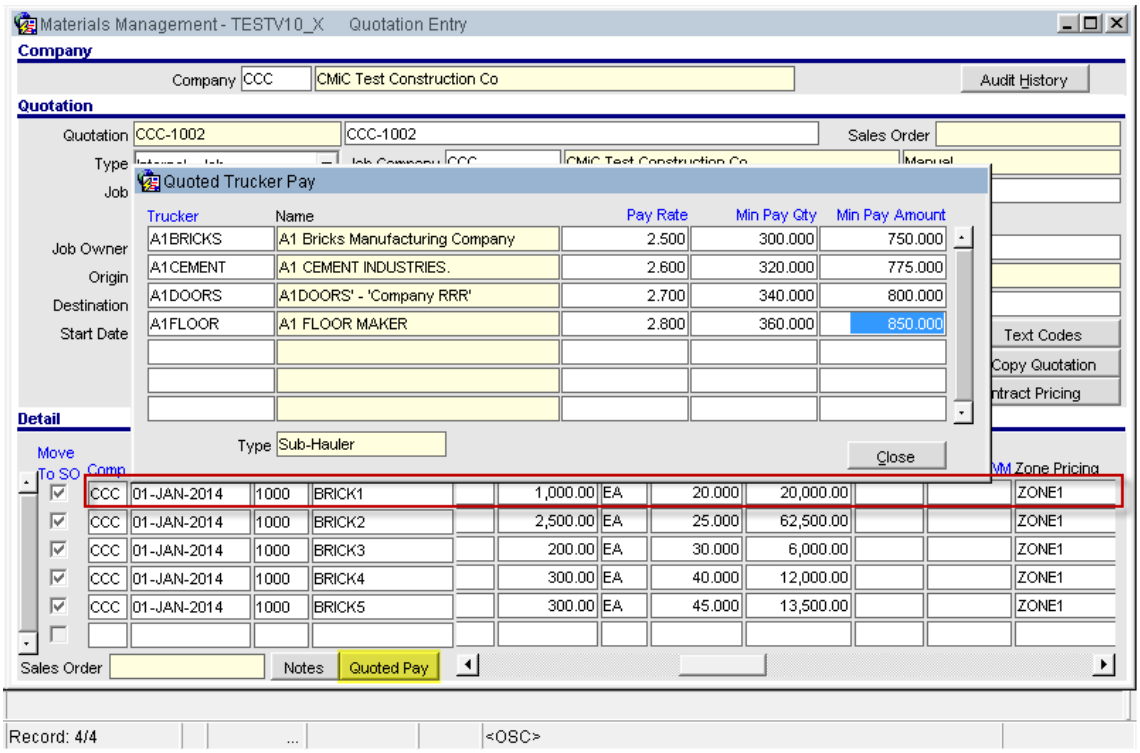
Sales Order Detail > Quoted Pay Maintenance (14.88647)

Overview:

To program the ability to assign multiple (hauler/cartage) pay rates to Quote and Sales Order Detail lines and these rates can be used in MS Ticket Entry with a new setting of an hierarchy of defaulting rates for the purpose of calculating the trucker pay amount.

Modifications:

A new button **[Quoted Pay]** is introduced in the 'Details' block in the Quotation/Sales Order Entry Screens. Users may open the Quoted Pay popup and maintain as many records of trucker pay rates for each detail line.



MS > Quotation Entry

The 'Quoted Trucker Pay' popup allows users to maintain one record each for a vendor and as many vendors as needed against a Quotation Detail Line.

Trucker :	Enter or select a valid trucker code from the list. This is a mandatory field. The LOV follows the same rules of populating the list of valid vendors that are assigned with a vendor trucker class maintained in MS Control.
Pay Rate:	Enter a value as required. This is a mandatory field.
Min Pay Qty:	Enter a minimum pay quantity, if required. May be left as null.
Min Pay Amount:	Enter a minimum pay amount, if required. May be left as null.

Users may maintain the **'Quoted Trucker Pay'** against each Quotation line if required.

List of Modified Programs:

The following programs are modified to implement this functionality.

1. Sales Order Entry Form (MS_Sales_Order_Entry.fmx)

2. Ticket Adjustment Entry Form (Ms_Ticket_Adj.fmx)

3. Ticket Entry Form (Ms_Ticket_Entry.fmx)

4. Ticket Import programs (Ms_Ticket_Import.pb/ps)

The hierarchy of Trucker Pay determination with this modification:

1. Sales Order > Detail > 'Quoted Pay' popup

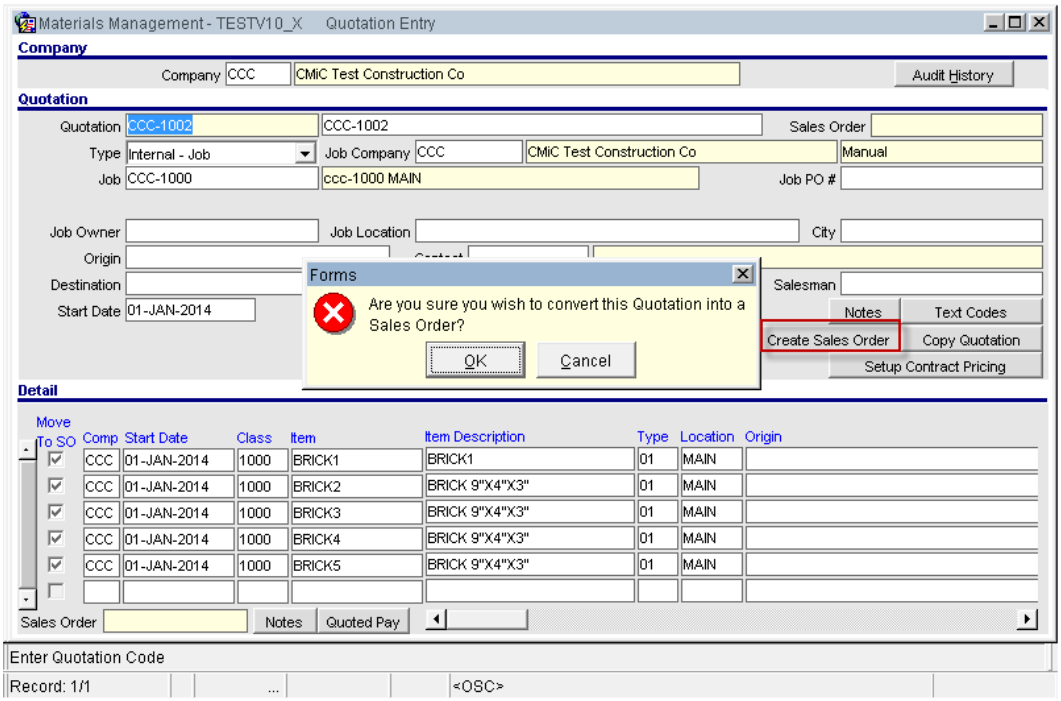
2. Sales Order > Detail

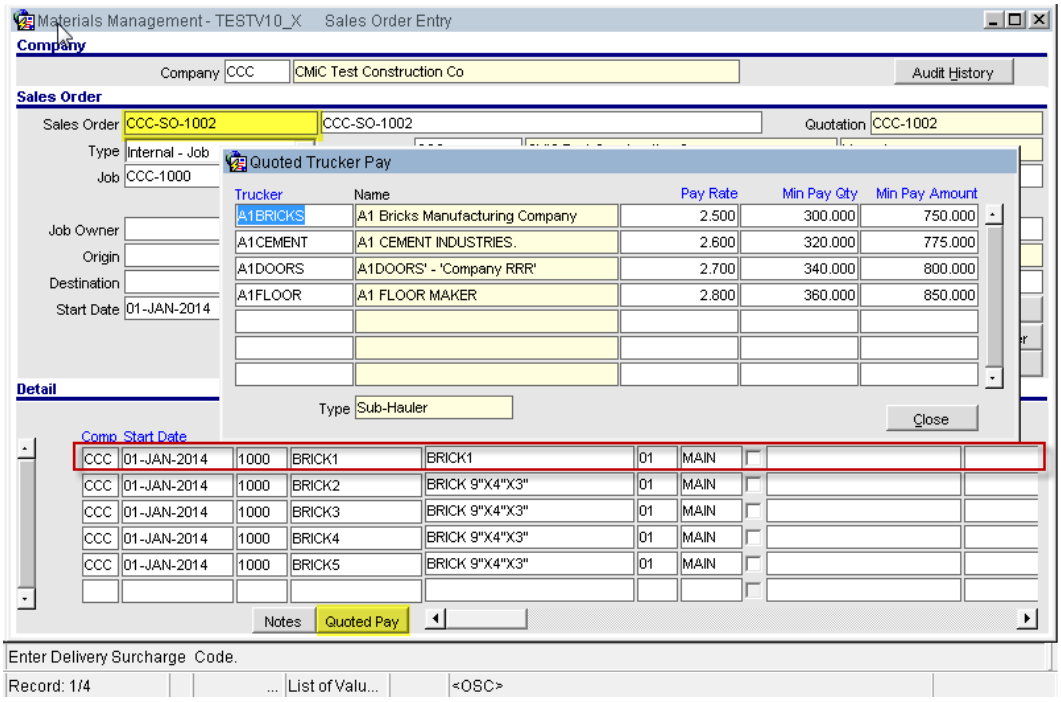
3. Zone Pricing

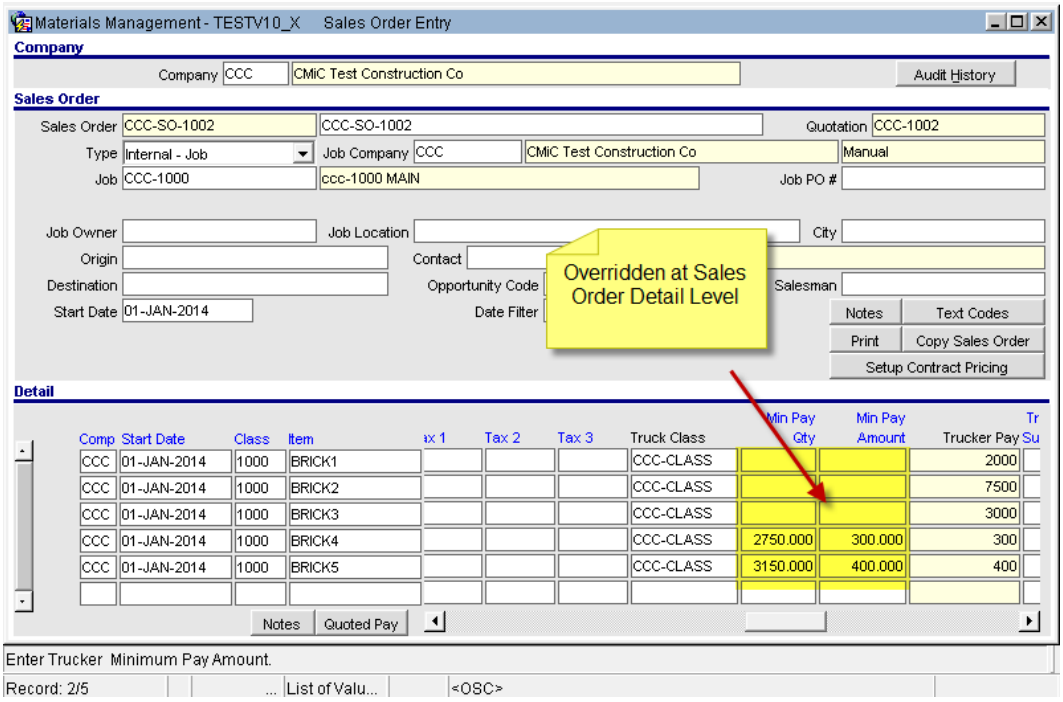
EXAMPLE:

The following screens show that the 'Create Sales order' program is modified to copy these new information to the Sales Order level.

Users are free to override the Pay Rates, minimum quantity and minimum trucker pay amount columns both at the 'Quoted Pay' popup level or sales order detail level.




Materials Management - TESTV10_X Sales Order Entry
Company
Company CCC CMiC Test Construction Co
Audit History
Sales Order
Sales Order CCC-SO-1002 CCC-SO-1002
Quotation CCC-1002
Type Internal - Job
Job CCC-1000
Job Owner
Origin
Destination
Start Date 01-JAN-2014
Quoted Trucker Pay
Trucker Name Pay Rate Min Pay Qty Min Pay Amount
A1BRICKS A1 Bricks Manufacturing Company 2.500 300.000 750.000
A1CEMENT A1 CEMENT INDUSTRIES. 2.600 320.000 775.000
A1DOORS A1DOORS' - 'Company RRR' 2.700 340.000 800.000
A1FLOOR A1 FLOOR MAKER 2.800 360.000 850.000
Type Sub-Hauler
Close
Detail
Comp Start Date
CCC 01-JAN-2014 1000 BRICK1 BRICK1 01 MAIN
CCC 01-JAN-2014 1000 BRICK2 BRICK 9"X4"X3" 01 MAIN
CCC 01-JAN-2014 1000 BRICK3 BRICK 9"X4"X3" 01 MAIN
CCC 01-JAN-2014 1000 BRICK4 BRICK 9"X4"X3" 01 MAIN
CCC 01-JAN-2014 1000 BRICK5 BRICK 9"X4"X3" 01 MAIN
Notes
Quoted Pay
Enter Delivery Surcharge Code.
Record: 1/4
List of Valu...
<OSC>


Materials Management - TESTV10_X Sales Order Entry
Company
Company CCC CMiC Test Construction Co
Audit History
Sales Order
Sales Order CCC-SO-1002 CCC-SO-1002
Quotation CCC-1002
Type Internal - Job
Job Company CCC CMiC Test Construction Co
Manual
Job CCC-1000
ccc-1000 MAIN
Job PO #
Job Owner
Job Location
City
Origin
Contact
Destination
Opportunity Code
Salesman
Start Date 01-JAN-2014
Date Filter
Overridden at Sales Order Detail Level
Notes
Text Codes
Print
Copy Sales Order
Setup Contract Pricing
Detail
Comp Start Date Class Item Tax 1 Tax 2 Tax 3 Truck Class Min Pay Qty Min Pay Amount Trucker Pay
CCC 01-JAN-2014 1000 BRICK1 CCC-CLASS 2000
CCC 01-JAN-2014 1000 BRICK2 CCC-CLASS 7500
CCC 01-JAN-2014 1000 BRICK3 CCC-CLASS 3000
CCC 01-JAN-2014 1000 BRICK4 CCC-CLASS 2750.000 300.000 300
CCC 01-JAN-2014 1000 BRICK5 CCC-CLASS 3150.000 400.000 400
Notes
Quoted Pay
Enter Trucker Minimum Pay Amount.
Record: 2/5
List of Valu...
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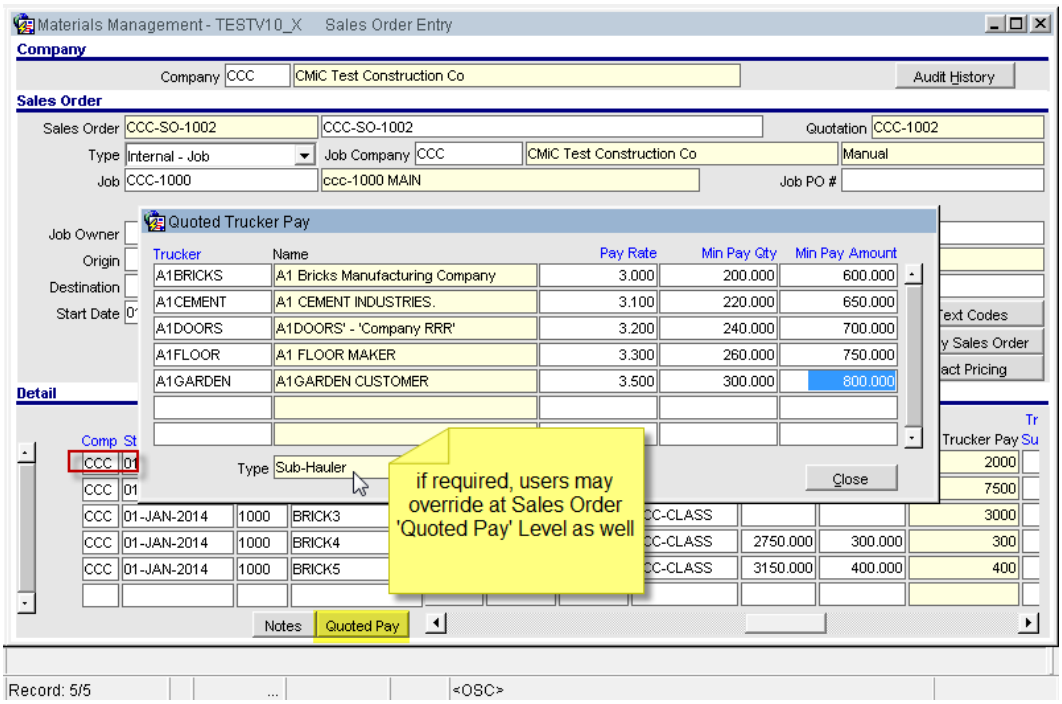
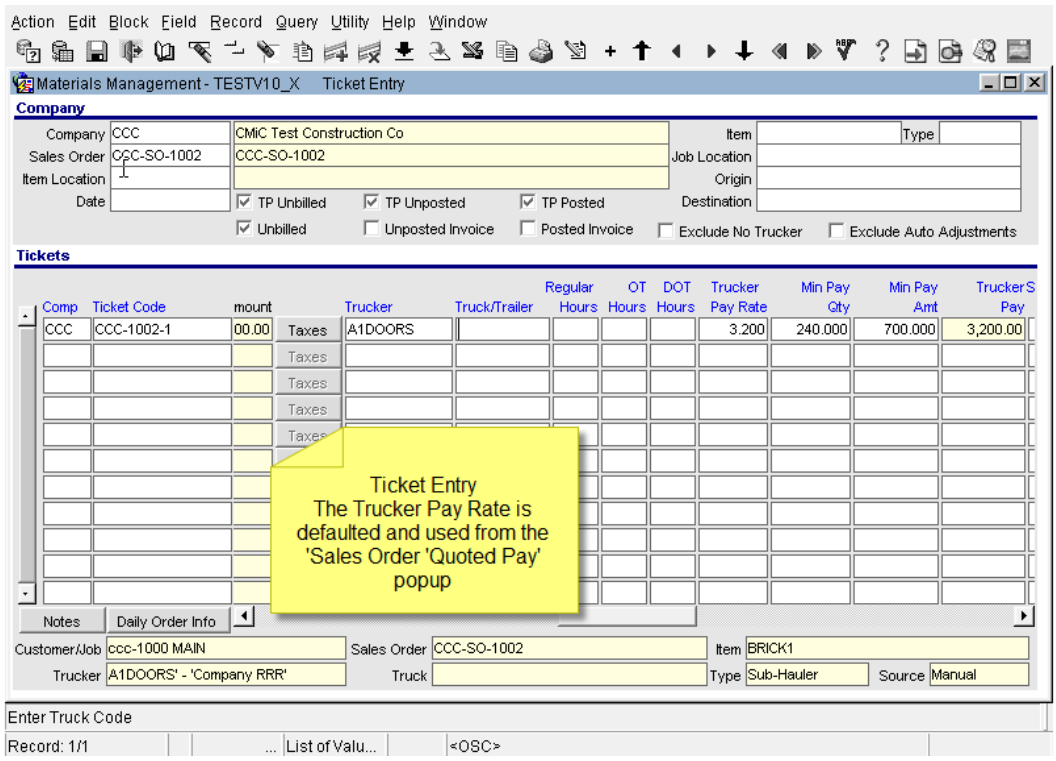
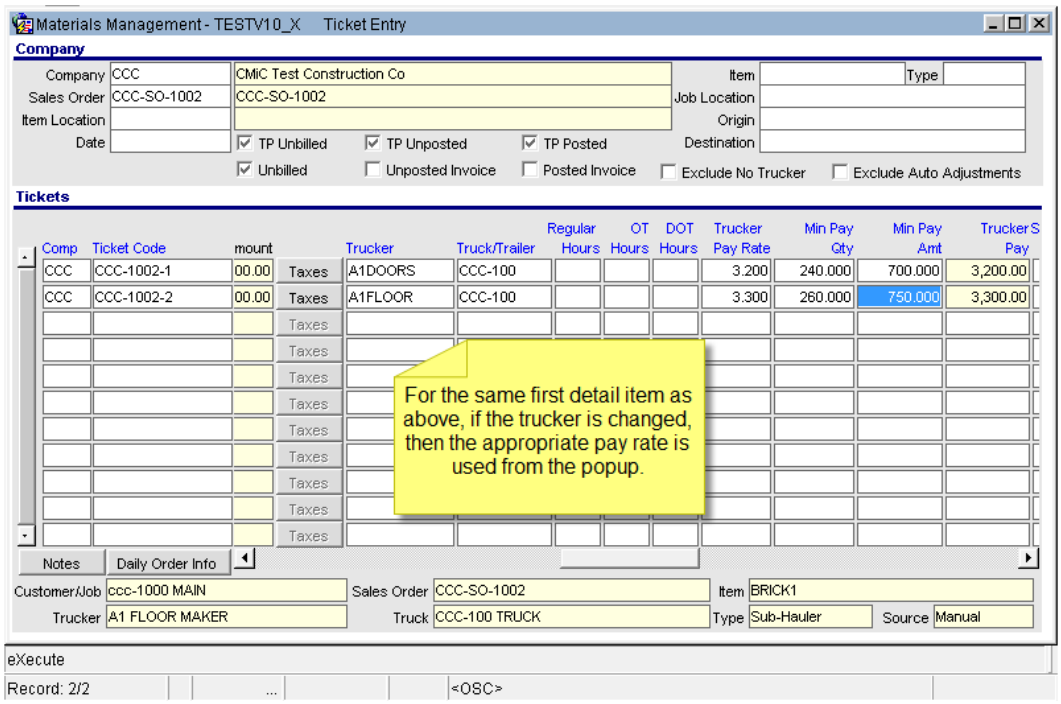
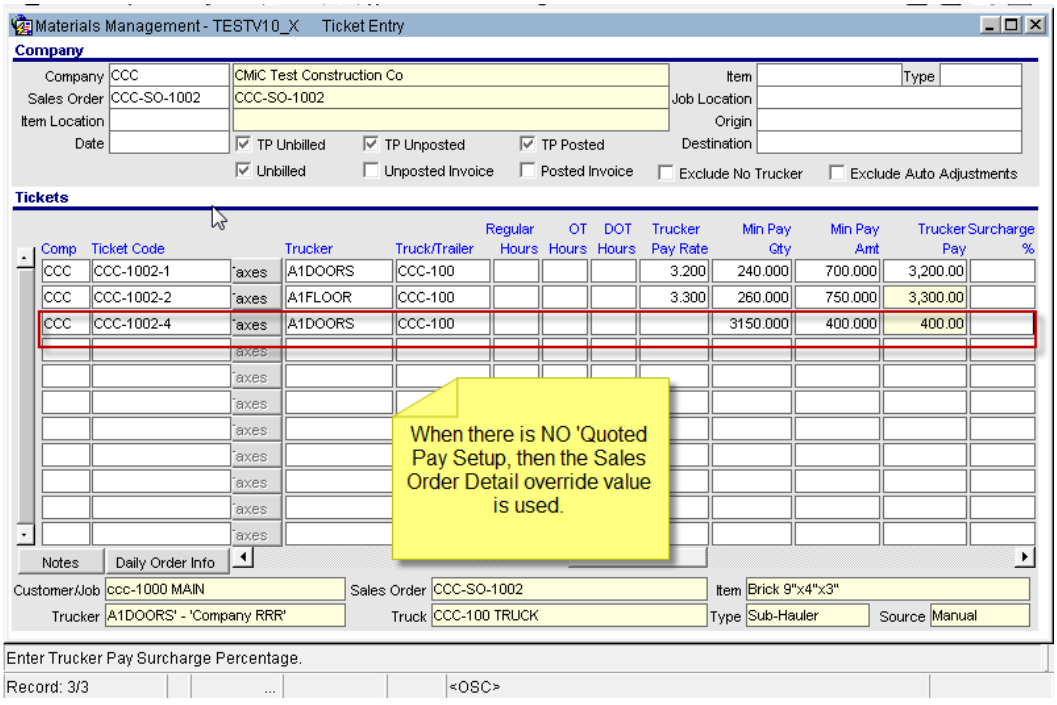
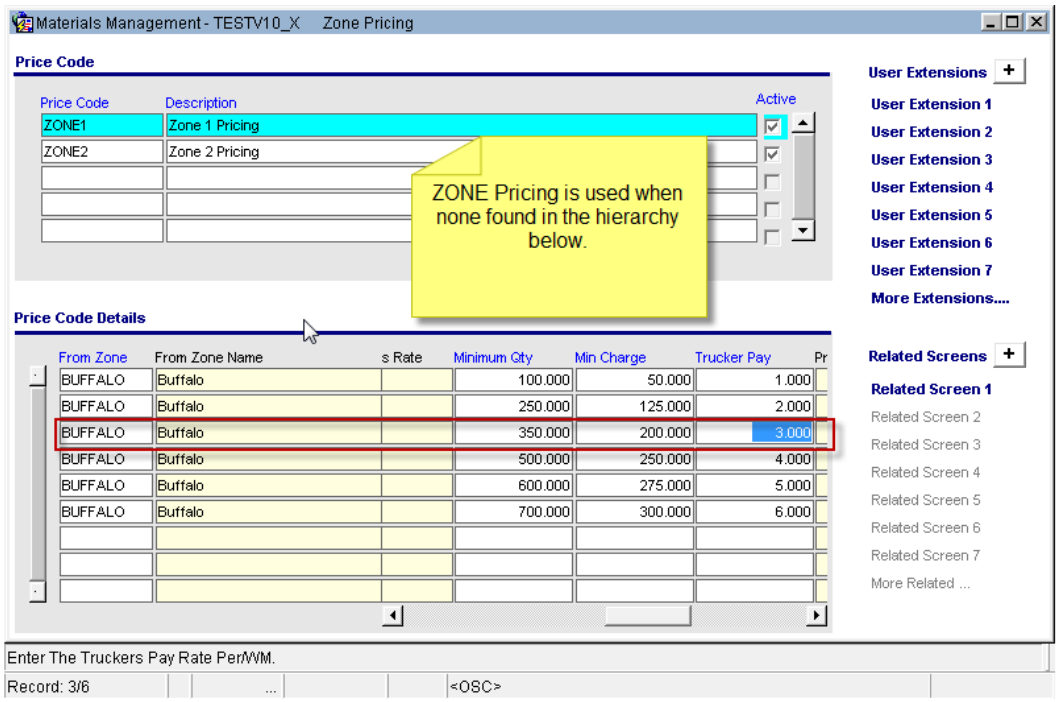
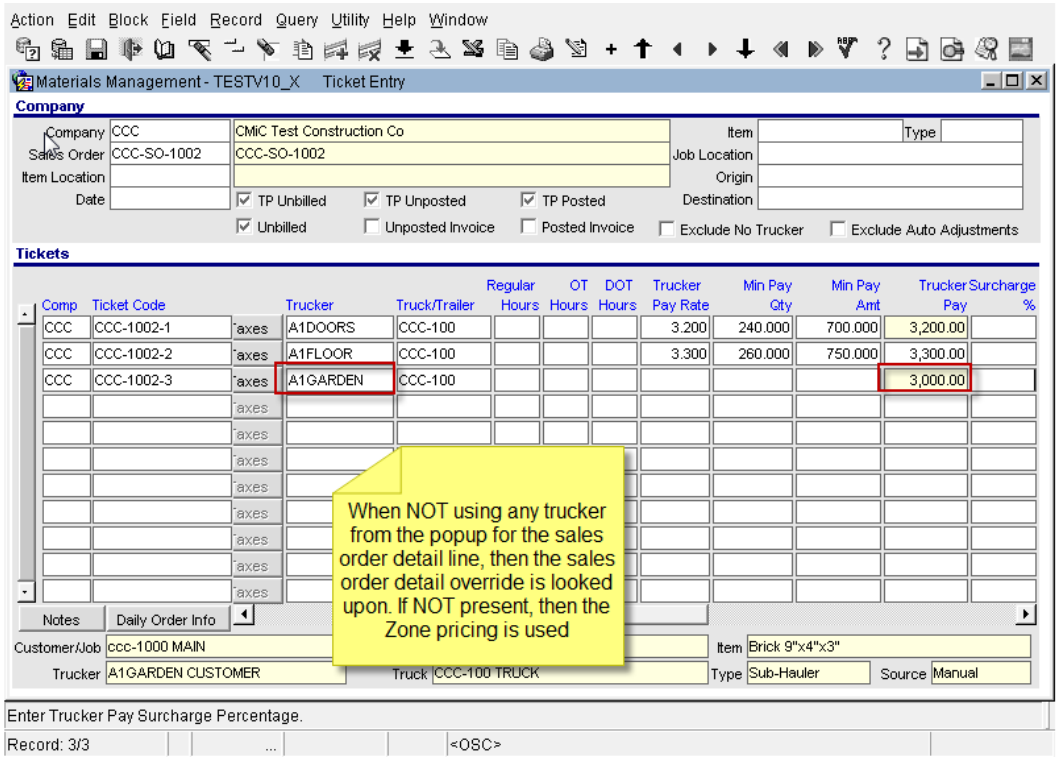

Materials Management - TESTV10_X Sales Order Entry
Company
Company CCC CMiC Test Construction Co
Audit History
Sales Order
Sales Order CCC-SO-1002 CCC-SO-1002
Quotation CCC-1002
Type Internal - Job
Job Company CCC CMiC Test Construction Co
Manual
Job CCC-1000 ccc-1000 MAIN
Job PO #
Job Owner
Origin
Destination
Start Date
Quoted Trucker Pay
Trucker Name Pay Rate Min Pay Qty Min Pay Amount
A1BRICKS A1 Bricks Manufacturing Company 3.000 200.000 600.000
A1CEMENT A1 CEMENT INDUSTRIES. 3.100 220.000 650.000
A1DOORS A1DOORS' - 'Company RRR' 3.200 240.000 700.000
A1FLOOR A1 FLOOR MAKER 3.300 260.000 750.000
A1GARDEN A1GARDEN CUSTOMER 3.500 300.000 800.000
Type Sub-Hauler
Close
Detail
Comp St
Trucker Pay
2000
7500
3000
300
400
if required, users may override at Sales Order 'Quoted Pay' Level as well
Notes
Quoted Pay
Record: 5/5
<OSC>


Action Edit Block Field Record Query Utility Help Window
Materials Management - TESTV10_X Ticket Entry
Company
Company CCC CMiC Test Construction Co
Sales Order CCC-SO-1002 CCC-SO-1002
Item Location
Date
Item
Type
Job Location
Origin
Destination
TP Unbilled
TP Unposted
TP Posted
Unbilled
Unposted Invoice
Posted Invoice
Exclude No Trucker
Exclude Auto Adjustments
Tickets
Comp Ticket Code mount Trucker Truck/Trailer Regular Hours OT Hours DOT Hours Trucker Pay Rate Min Pay Qty Min Pay Amt Trucker Pay
CCC CCC-1002-1 00.00 Taxes A1DOORS 3.200 240.000 700.000 3,200.00
Ticket Entry
The Trucker Pay Rate is defaulted and used from the 'Sales Order 'Quoted Pay' popup
Notes
Daily Order Info
Customer/Job ccc-1000 MAIN
Sales Order CCC-SO-1002
Item BRICK1
Trucker A1DOORS' - 'Company RRR'
Truck
Type Sub-Hauler
Source Manual
Enter Truck Code
Record: 1/1
List of Valu...
<OSC>


Materials Management - TESTV10_X Ticket Entry
Company
Company CCC CMiC Test Construction Co
Sales Order CCC-SO-1002 CCC-SO-1002
Item Location
Date
Item Type
Job Location
Origin
Destination
TP Unbilled TP Unposted TP Posted
Unbilled Unposted Invoice Posted Invoice Exclude No Trucker Exclude Auto Adjustments
Tickets
Comp Ticket Code mount Trucker Truck/Trailer Regular Hours OT Hours DOT Hours Trucker Pay Rate Min Pay Qty Min Pay Amt Trucker Pay
CCC CCC-1002-1 00.00 Taxes A1DOORS CCC-100 3.200 240.000 700.000 3,200.00
CCC CCC-1002-2 00.00 Taxes A1FLOOR CCC-100 3.300 260.000 750.000 3,300.00
For the same first detail item as above, if the trucker is changed, then the appropriate pay rate is used from the popup.
Notes Daily Order Info
Customer/Job ccc-1000 MAIN Sales Order CCC-SO-1002 Item BRICK1
Trucker A1 FLOOR MAKER Truck CCC-100 TRUCK Type Sub-Hauler Source Manual
eXecute
Record: 2/2
<OSC>


Materials Management - TESTV10_X Ticket Entry
Company
Company CCC CMiC Test Construction Co
Sales Order CCC-SO-1002 CCC-SO-1002
Item Location
Date
Item Type
Job Location
Origin
Destination
TP Unbilled TP Unposted TP Posted
Unbilled Unposted Invoice Posted Invoice Exclude No Trucker Exclude Auto Adjustments
Tickets
Comp Ticket Code Trucker Truck/Trailer Regular Hours OT Hours DOT Hours Trucker Pay Rate Min Pay Qty Min Pay Amt Trucker Pay Surcharge %
CCC CCC-1002-1 axes A1DOORS CCC-100 3.200 240.000 700.000 3,200.00
CCC CCC-1002-2 axes A1FLOOR CCC-100 3.300 260.000 750.000 3,300.00
CCC CCC-1002-4 axes A1DOORS CCC-100 3150.000 400.000 400.00
When there is NO 'Quoted Pay Setup, then the Sales Order Detail override value is used.
Notes Daily Order Info
Customer/Job ccc-1000 MAIN Sales Order CCC-SO-1002 Item Brick 9"x4"x3"
Trucker A1DOORS' - 'Company RRR' Truck CCC-100 TRUCK Type Sub-Hauler Source Manual
Enter Trucker Pay Surcharge Percentage.
Record: 3/3
<OSC>


Materials Management - TESTV10_X Zone Pricing
Price Code
Price Code
Description
Active
ZONE1
Zone 1 Pricing
ZONE2
Zone 2 Pricing
ZONE Pricing is used when none found in the hierarchy below.
User Extensions
User Extension 1
User Extension 2
User Extension 3
User Extension 4
User Extension 5
User Extension 6
User Extension 7
More Extensions....
Price Code Details
From Zone
From Zone Name
s Rate
Minimum Qty
Min Charge
Trucker Pay
BUFFALO Buffalo 100.000 50.000 1.000
BUFFALO Buffalo 250.000 125.000 2.000
BUFFALO Buffalo 350.000 200.000 3.000
BUFFALO Buffalo 500.000 250.000 4.000
BUFFALO Buffalo 600.000 275.000 5.000
BUFFALO Buffalo 700.000 300.000 6.000
Related Screens
Related Screen 1
Related Screen 2
Related Screen 3
Related Screen 4
Related Screen 5
Related Screen 6
Related Screen 7
More Related ...
Enter The Truckers Pay Rate Per/WM.
Record: 3/6
<OSC>


Action Edit Block Field Record Query Utility Help Window
Materials Management - TESTV10_X Ticket Entry
Company
Company CCC CMiC Test Construction Co
Sales Order CCC-SO-1002 CCC-SO-1002
Item Location
Date
Item
Type
Job Location
Origin
Destination
TP Unbilled
TP Unposted
TP Posted
Unbilled
Unposted Invoice
Posted Invoice
Exclude No Trucker
Exclude Auto Adjustments
Tickets
Comp
Ticket Code
Trucker
Truck/Trailer
Regular Hours
OT Hours
DOT Hours
Trucker Pay Rate
Min Pay Qty
Min Pay Amt
Trucker Pay
Surcharge %
CCC CCC-1002-1 taxes A1DOORS CCC-100 3.200 240.000 700.000 3,200.00
CCC CCC-1002-2 taxes A1FLOOR CCC-100 3.300 260.000 750.000 3,300.00
CCC CCC-1002-3 taxes A1GARDEN CCC-100 3,000.00
When NOT using any trucker from the popup for the sales order detail line, then the sales order detail override is looked upon. If NOT present, then the Zone pricing is used
Notes
Daily Order Info
Customer/Job ccc-1000 MAIN
Trucker A1GARDEN CUSTOMER
Truck CCC-100 TRUCK
Item Brick 9"x4"x3"
Type Sub-Hauler
Source Manual
Enter Trucker Pay Surcharge Percentage.
Record: 3/3
<OSC>

Internal Invoice Entry - Improved Usability (14.86659)

Further modifications to the functionality released in patch V10-X-12-2

Enhancement to MS Internal Material Invoice Entry to improve usability for faster performance by users.

Implementation:

Added a System Options flag ' MS Internal Invoice Always Paid in Full'.

The default value is un-checked and the system would continue to function as before.

When checked, upon selection, the Internal invoice will have the 'Closed' flag checked and the 'current quantity' field locked for user updates. The 'Current Quantity' field is also populated with the invoice outstanding quantity value. The 'Current Payment' remains as '0.00' when NO receipts are selected yet.

The Material receipts block will pre-populate all the material receipts for the job in the invoice block.

Users will be able to 'Select' one or more material receipts as required. The selected receipts are set as 'Closed' and the quantity and field are populated accordingly. Users may override the quantity, in which case the 'Closed' flag will be un-checked. The system would then update the 'Current Payment' in the header block with the total receipts Amount in the bottom block.

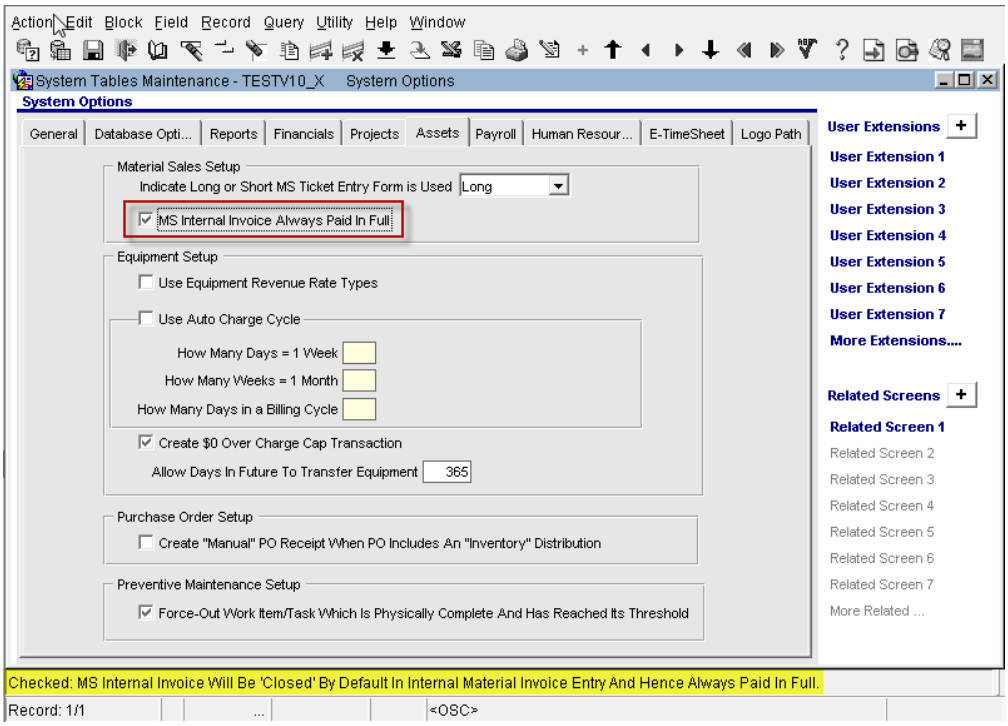
Once required receipts have been selected against an Internal Invoice, users must ensure that there is no 'Variance' amount before posting the invoice, otherwise posting is NOT allowed. If there is a variance, then they must enter equivalent 'Other Charges' to off-set the variance and make it zero

The following validation messages are suppressed to reduce the data entry time.

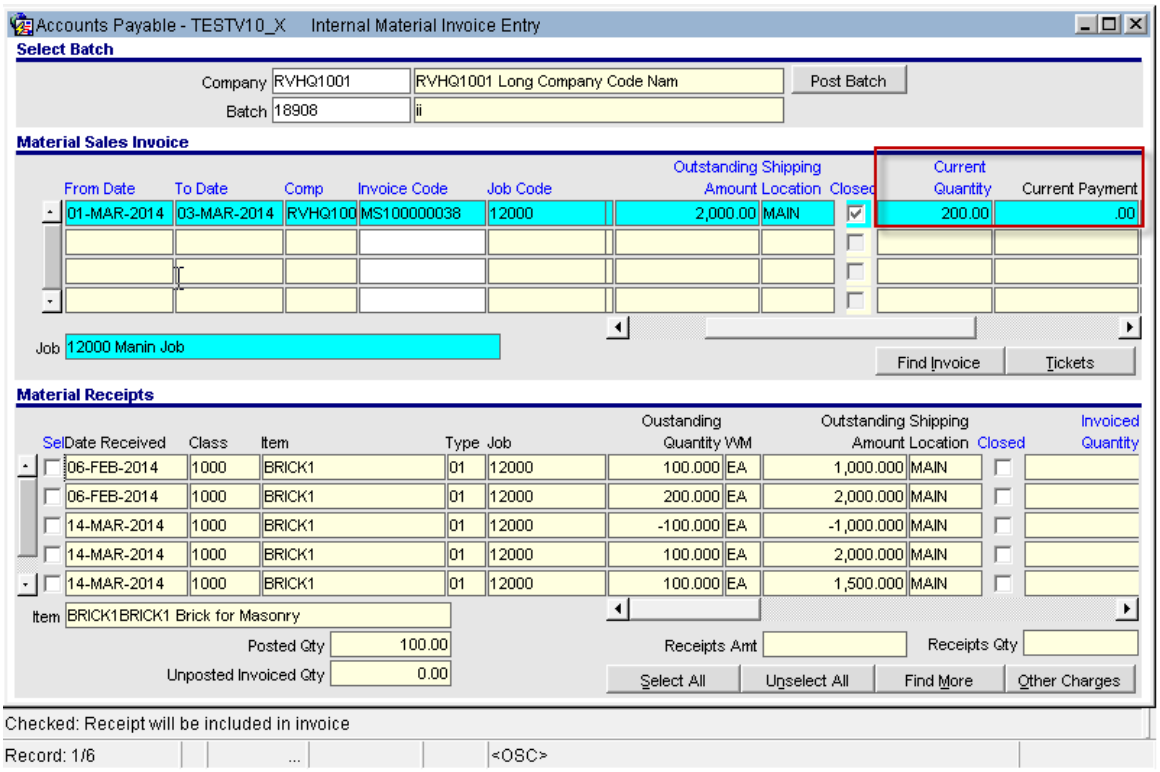
1. When the Current Payment amount in the invoice block is different from the outstanding amount

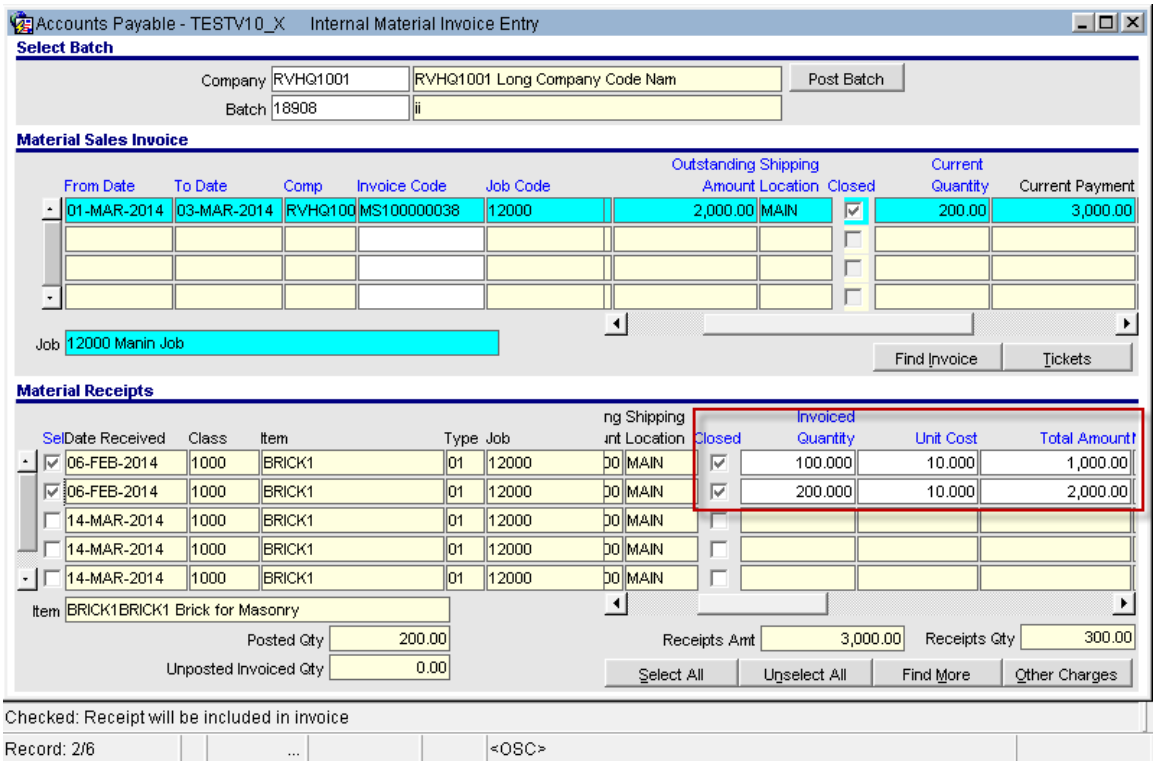
2. When the Invoiced quantity in Receipts block is greater than the Outstanding Quantity

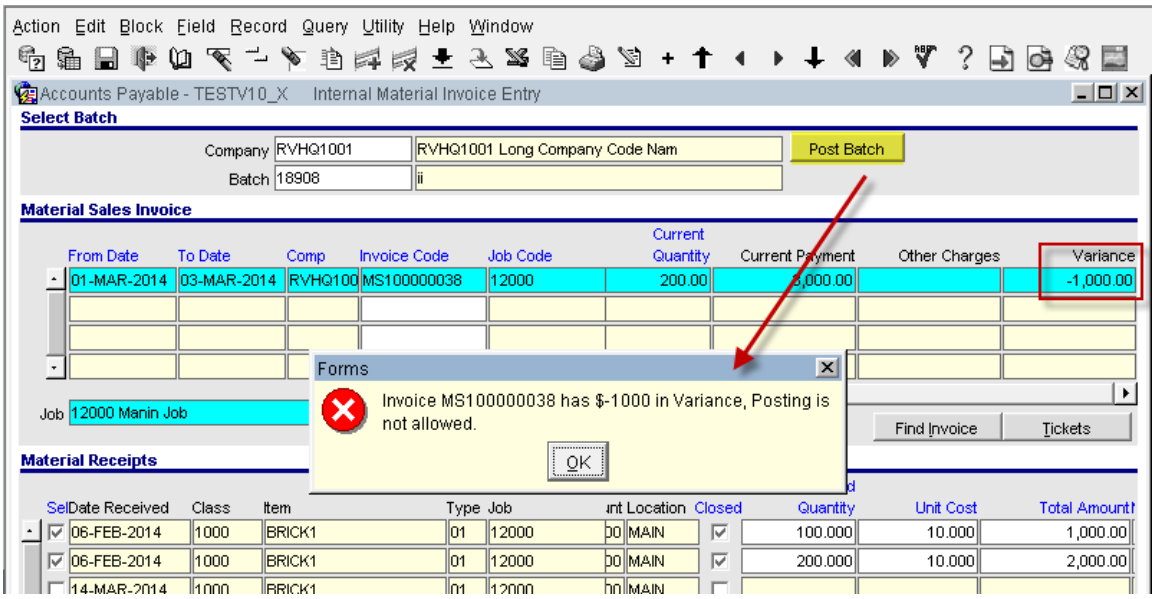
NOTE: With this enhancement, users may NOT be required to open the 'Find More' popup, and search/select the material receipts for the same job.

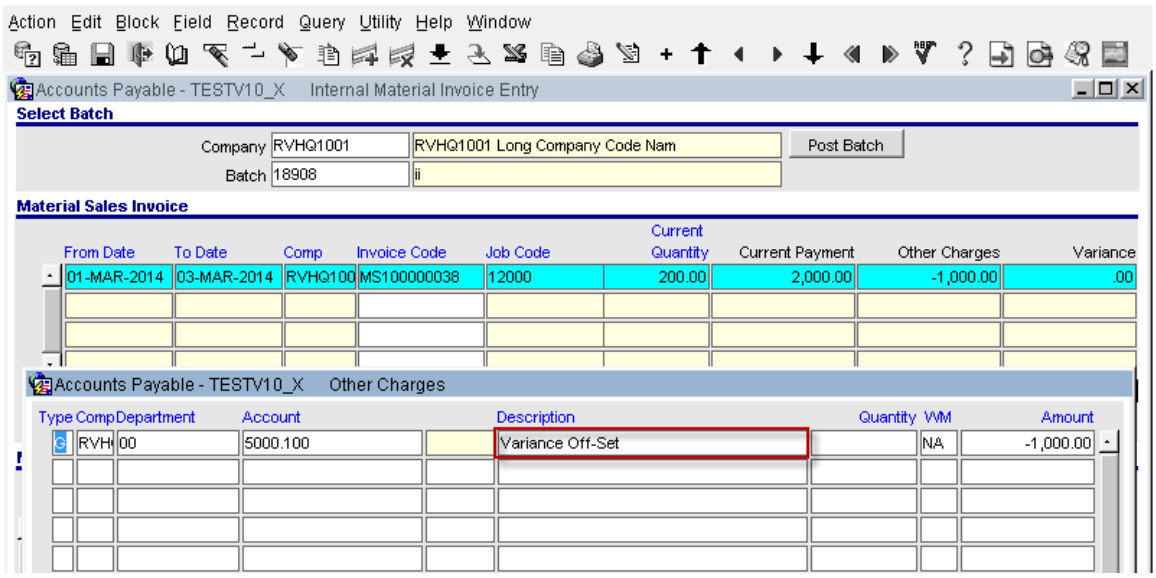


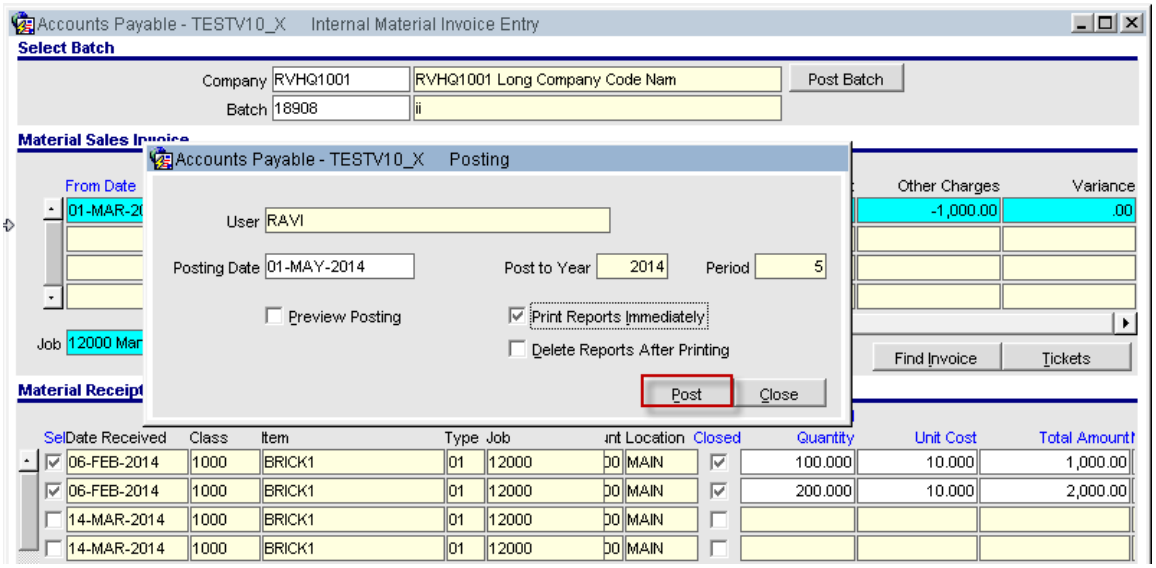
System Options (Sysopt.fmx)


Accounts Payable - TESTV10_X Internal Material Invoice Entry
Select Batch
Company RVHQ1001 RVHQ1001 Long Company Code Nam
Post Batch
Batch 18908 ii
Material Sales Invoice
From Date To Date Comp Invoice Code Job Code Outstanding Shipping Amount Location Closed Current Quantity Current Payment
01-MAR-2014 03-MAR-2014 RVHQ100 MS100000038 12000 2,000.00 MAIN 200.00 .00
Job 12000 Manin Job
Find Invoice Tickets
Material Receipts
Sel Date Received Class Item Type Job Outstanding Quantity UM Outstanding Shipping Amount Location Closed Invoiced Quantity
06-FEB-2014 1000 BRICK1 01 12000 100.000 EA 1,000.000 MAIN
06-FEB-2014 1000 BRICK1 01 12000 200.000 EA 2,000.000 MAIN
14-MAR-2014 1000 BRICK1 01 12000 -100.000 EA -1,000.000 MAIN
14-MAR-2014 1000 BRICK1 01 12000 100.000 EA 2,000.000 MAIN
14-MAR-2014 1000 BRICK1 01 12000 100.000 EA 1,500.000 MAIN
Item BRICK1 BRICK1 Brick for Masonry
Posted Qty 100.00
Unposted Invoiced Qty 0.00
Receipts Amt
Receipts Qty
Select All Unselect All Find More Other Charges
Checked: Receipt will be included in invoice
Record: 1/6
<OSC>


Accounts Payable - TESTV10_X Internal Material Invoice Entry
Select Batch
Company RVHQ1001 RVHQ1001 Long Company Code Nam
Post Batch
Batch 18908 ii
Material Sales Invoice
From Date To Date Comp Invoice Code Job Code Outstanding Shipping Amount Location Closed Current Quantity Current Payment
01-MAR-2014 03-MAR-2014 RVHQ100 MS100000038 12000 2,000.00 MAIN 200.00 3,000.00
Job 12000 Manin Job
Find Invoice Tickets
Material Receipts
Sel Date Received Class Item Type Job Closed Invoiced Quantity Unit Cost Total Amount
06-FEB-2014 1000 BRICK1 01 12000 MAIN 100.000 10.000 1,000.00
06-FEB-2014 1000 BRICK1 01 12000 MAIN 200.000 10.000 2,000.00
14-MAR-2014 1000 BRICK1 01 12000 MAIN
14-MAR-2014 1000 BRICK1 01 12000 MAIN
14-MAR-2014 1000 BRICK1 01 12000 MAIN
Item BRICK1 BRICK1 Brick for Masonry
Posted Qty 200.00
Unposted Invoiced Qty 0.00
Receipts Amt 3,000.00
Receipts Qty 300.00
Select All Unselect All Find More Other Charges
Checked: Receipt will be included in invoice
Record: 2/6
<OSC>

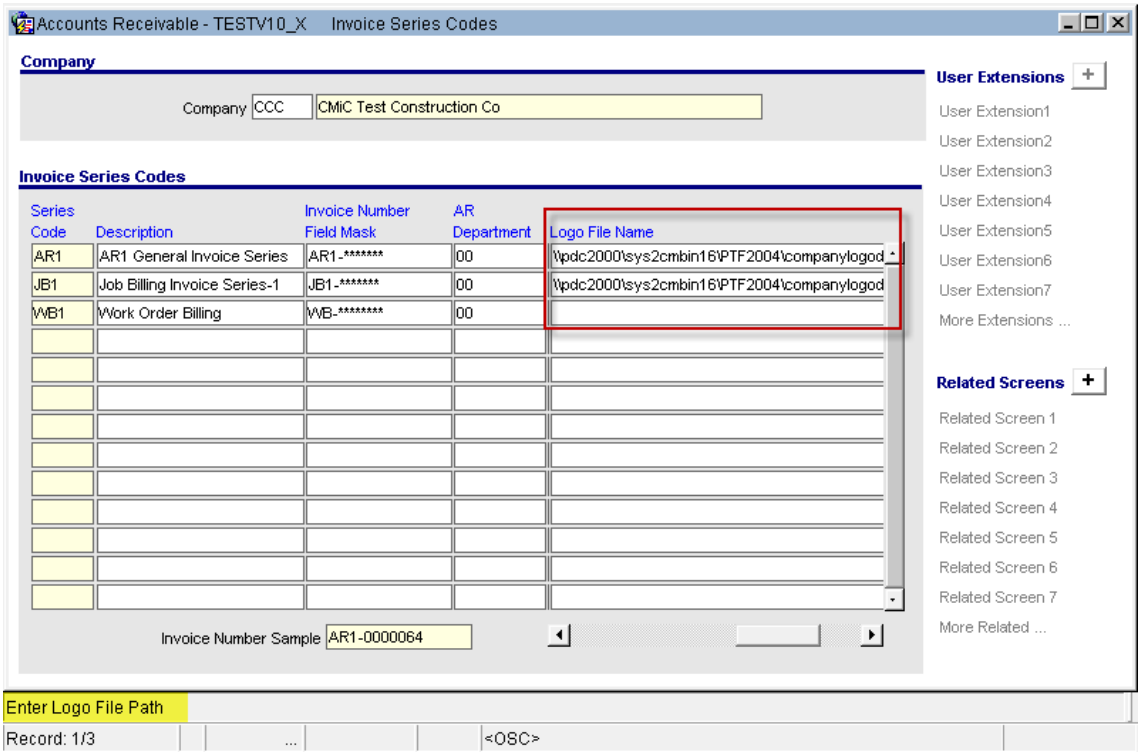

Action Edit Block Field Record Query Utility Help Window
Accounts Payable - TESTV10_X Internal Material Invoice Entry
Select Batch
Company RVHQ1001
RVHQ1001 Long Company Code Nam
Post Batch
Batch 18908
ii
Material Sales Invoice
From Date
To Date
Comp
Invoice Code
Job Code
Current Quantity
Current Payment
Other Charges
Variance
01-MAR-2014
03-MAR-2014
RVHQ100
MS100000038
12000
200.00
-1,000.00
Job 12000 Manin Job
Find Invoice
Tickets
Forms
Invoice MS100000038 has $-1000 in Variance, Posting is not allowed.
OK
Material Receipts
Sel
Date Received
Class
Item
Type
Job
Location
Closed
Quantity
Unit Cost
Total Amount
06-FEB-2014
1000
BRICK1
01
12000
MAIN
100.000
10.000
1,000.00
06-FEB-2014
1000
BRICK1
01
12000
MAIN
200.000
10.000
2,000.00





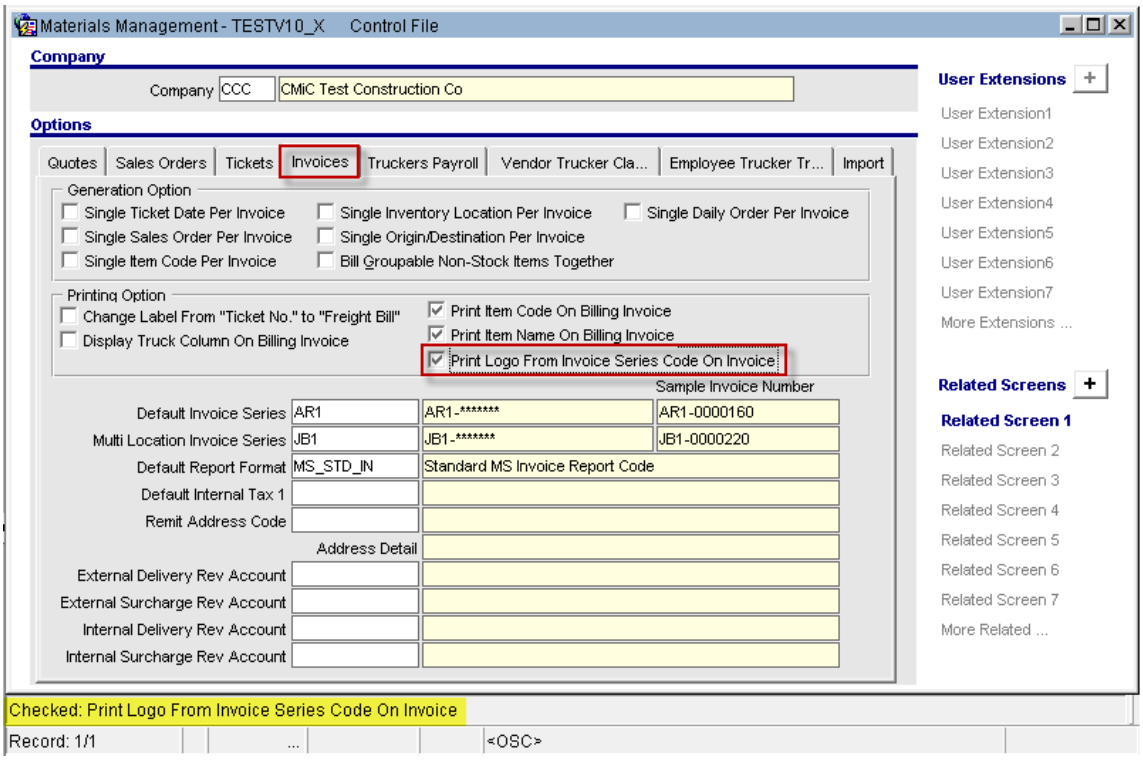
MS Billing Invoices with logo from Invoice Series Code (14.98458)

Added the ability to print MS Sales Invoices with distinct logo files as defined against AR Invoice Series Codes.



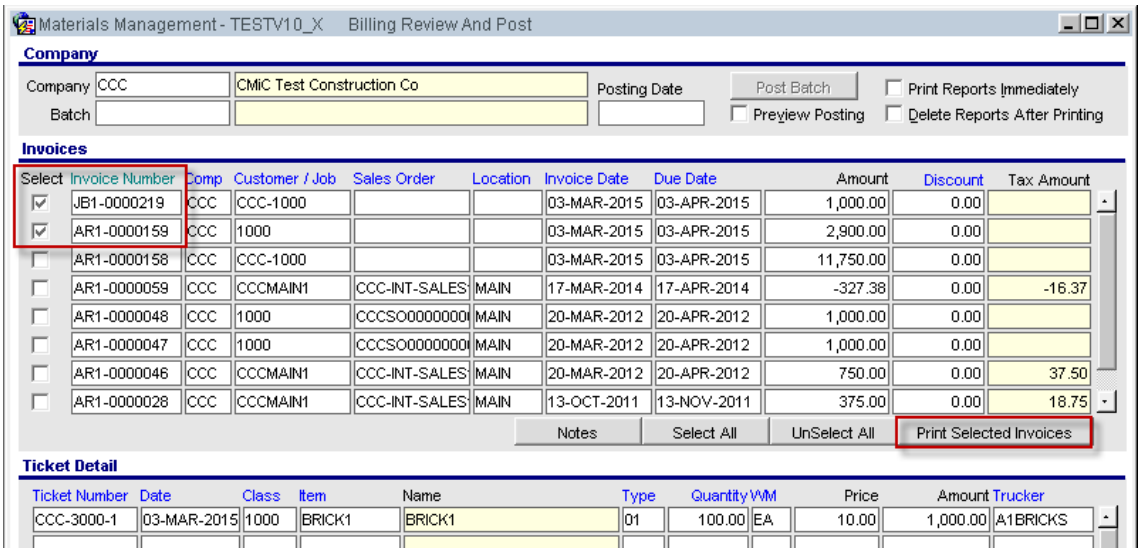
AR > Local Tables > Invoice Series

1. The Invoice Series Code Maintenance form is modified with an additional field **'Logo File Name'.** The default value is null and users may enter a valid logo file path and file name, which is applicable to MS Billing Invoice Printing only.



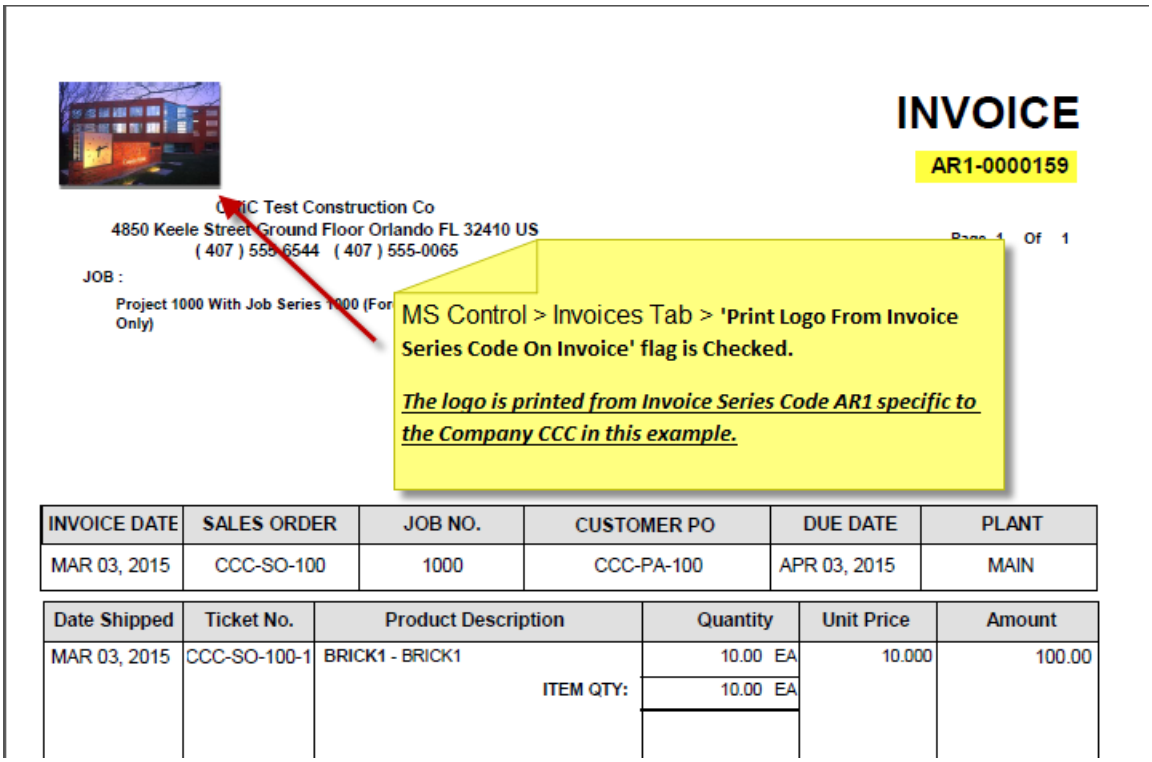
MS Control > Invoices Tab

2. The MS Control File > Invoices tab is modified with an addition of a check box '**Print Logo From Invoice Series Code On Invoice'.** The default value is un-checked. When checked, the new logic will be used to print the logo from the AR Invoice Series Code Maintenance. Also, when NO logo file & path is found against a specific invoice series code, then the Company logo will be printed.

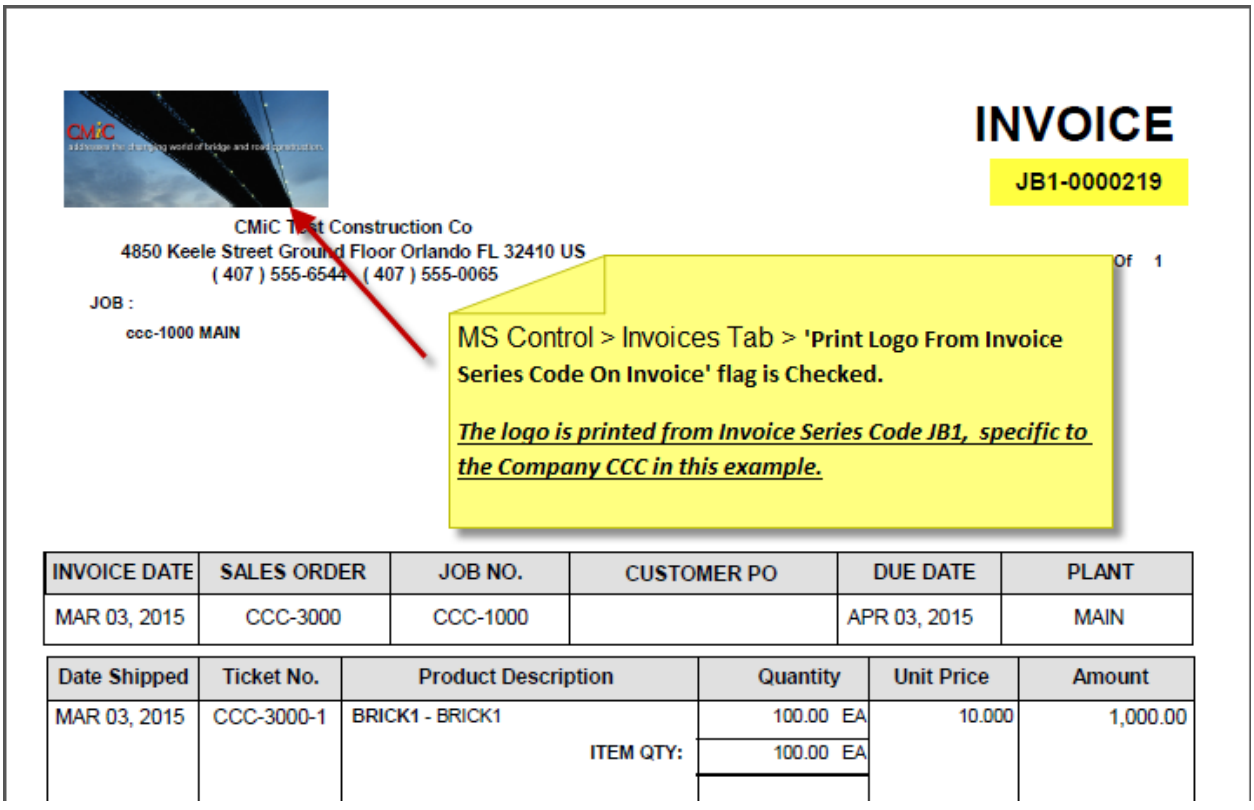


MS > Billing Review & Post

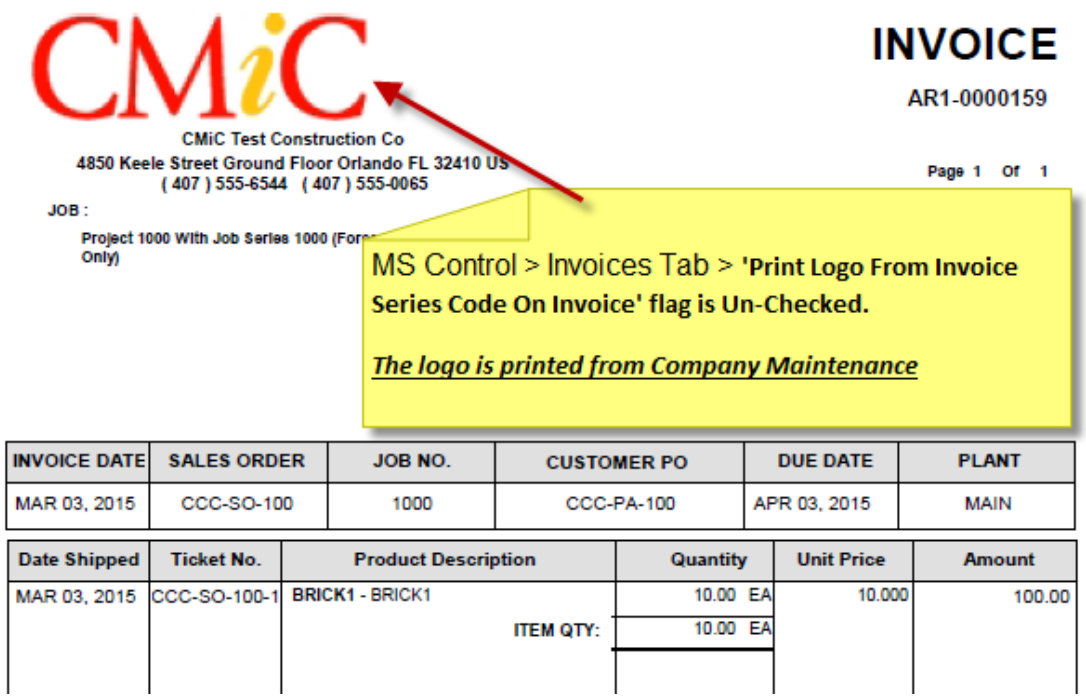
3. Users may select the required MS Billing Invoices and press **[Print Selected Invoices]** button.



The Logo File for Invoice Series Code AR1



The Logo File for Invoice Series Code JB1

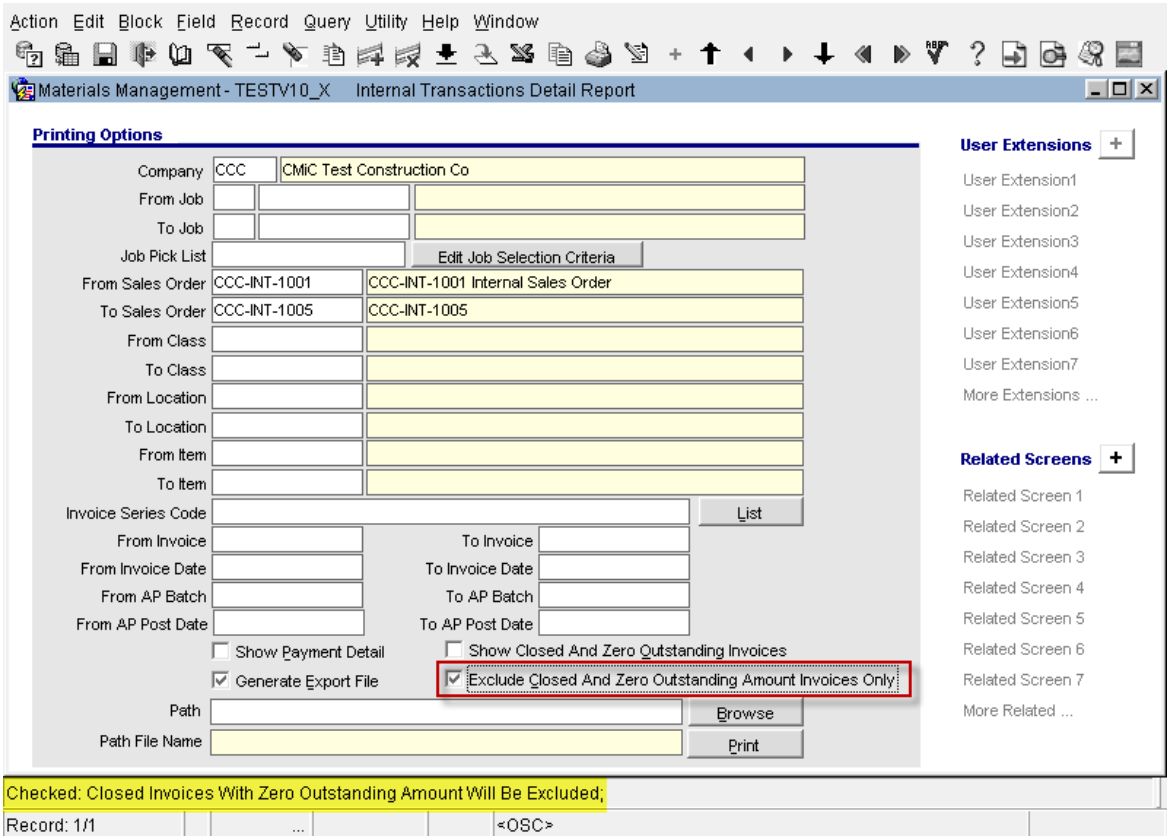


NOTE:

All other AR/JB Invoices will follow existing functionality.

For example, for AR Sales Invoices and Free Forms Invoices, there is an AR Control > Logo File path field, which, if populated will be used. If NOT Company logo will be printed. All other receivable invoices will use the Company logo as before.

Internal Transaction Detail Report - Check Box to Exclude 'Zero' Outstanding Amount Invoices (14.86787)



MS > Reports > Internal Transaction Detail Report (msintrandet.fmx)

The **'MS Internal Transaction Details Report'** is modified with a check box to exclude those invoices with outstanding invoice amount being 'zero' but outstanding quantity NOT 'zero'. The default value of the flag is un-checked. Also adjusted the 'Export File' when this new option is selected.

It must be noted that both 'Show Closed And Zero Outstanding Invoices' & this 'Exclude Closed And Zero Outstanding Amount Invoices Only' may NOT be selected at the same time. The form will automatically un-check the other flag, if anyone is checked.

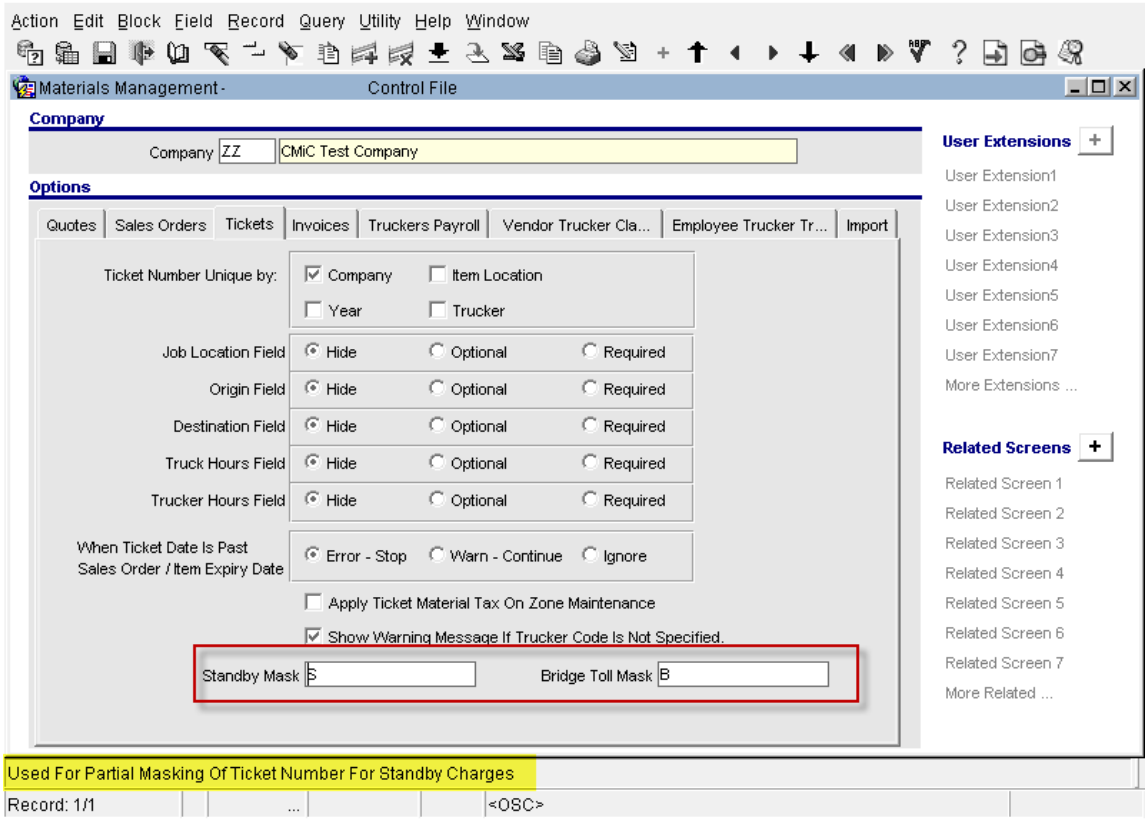
MS Ticket Entry – On the fly standby and toll charges entry (15.04776)

In MS Sales Orders along with Sales Item details, there may be a requirement for 'Bridges Toll' charges and 'Standby' charges paid by the minute for delays on the job. This required the entry of two more sales order item detail lines, one with a bridge toll item and the other with standby minutes. Therefore, often it was necessary to enter three tickets to process a single sales item.

This enhancement allows to insert the additional ticket details lines on the fly during ticket entry and not requiring the additional charges entries to be present in the sales order.

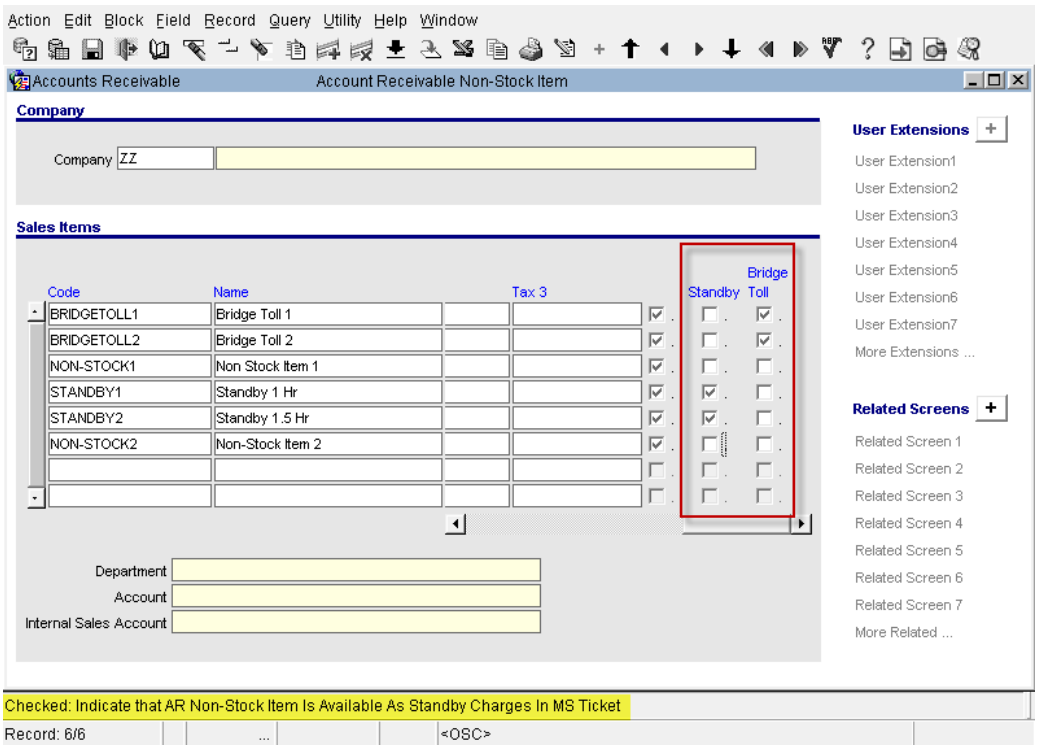
Modification to MS Control File

The MS Control File is modified to have two new fields on the ‘Tickets’ Tab. These values will be used to suffix the base ticket number as identifiers for Bridge Toll and Standby Charges ticket details.

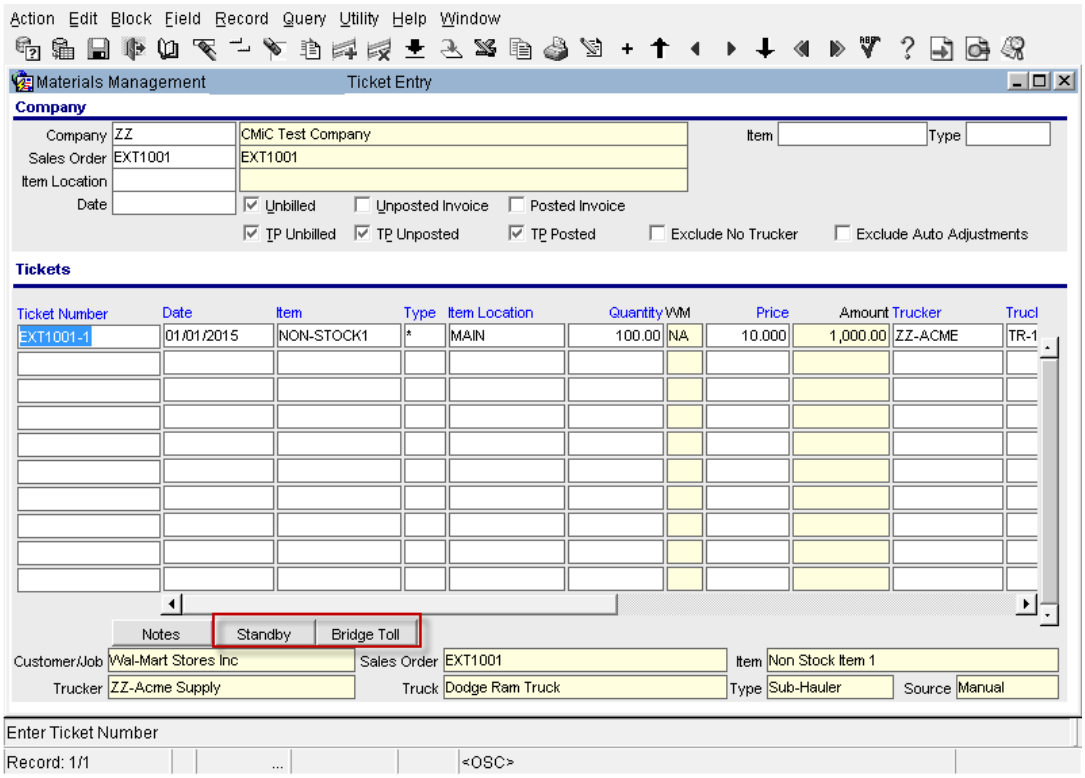


Modification to AR Non-Stock Item Maintenance

The AR Non-Stock Item program is modified to have two check box columns "Bridge Toll" and "Standby". The default value is un-checked. When checked, these non-stock items will be available in the appropriate LOVs. It is NOT allowed to ‘check’ both flags for a single non-stock item. A non-stock item may either be flagged as a ‘Bridge Toll’ or as a ‘Standby’ item.

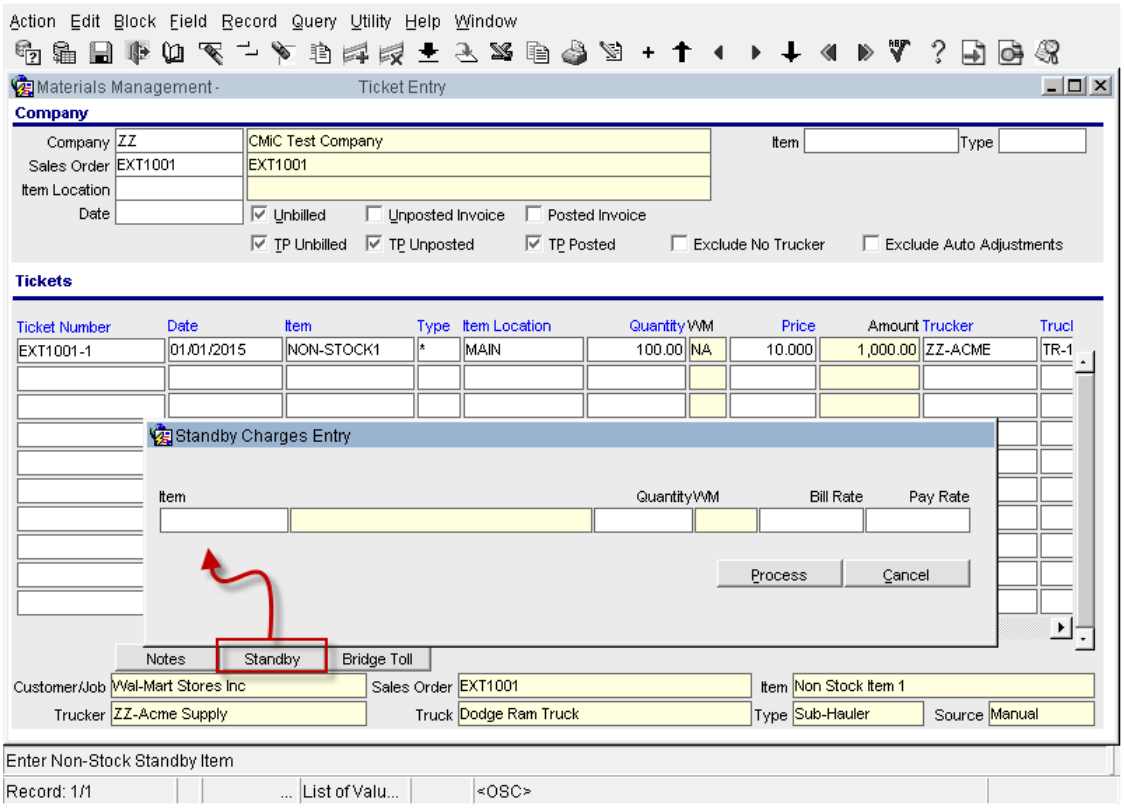


Ticket Entry (Short Version)

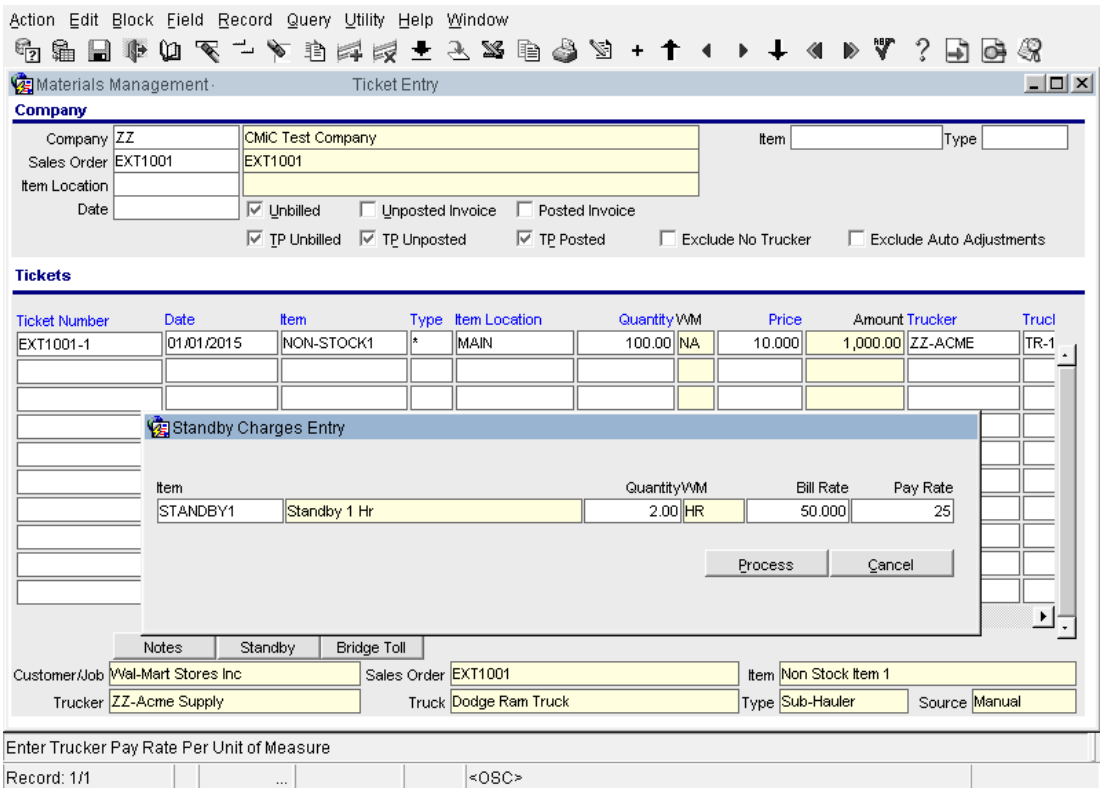


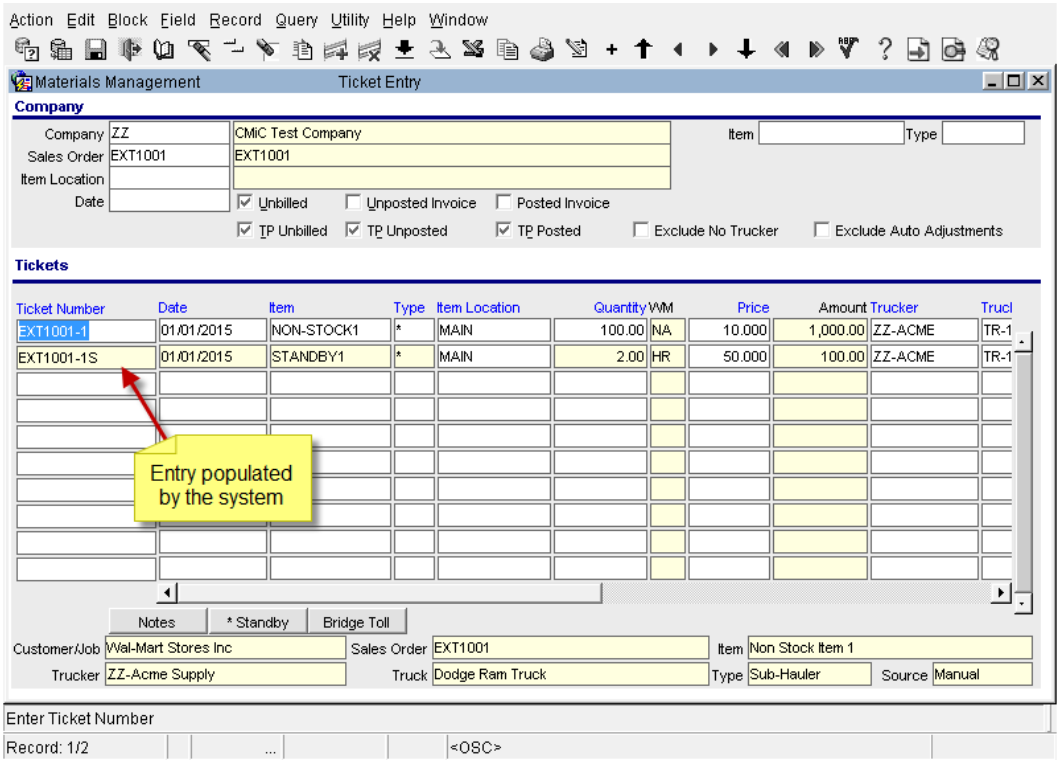
There are two new buttons next to the ‘Notes’ button at the bottom, for adding “Standby” and or “Bridge Toll” charges on the fly, against any sales item ticket detail line.

The following screen prints show the process that inserts new ticket detail lines for those charges.

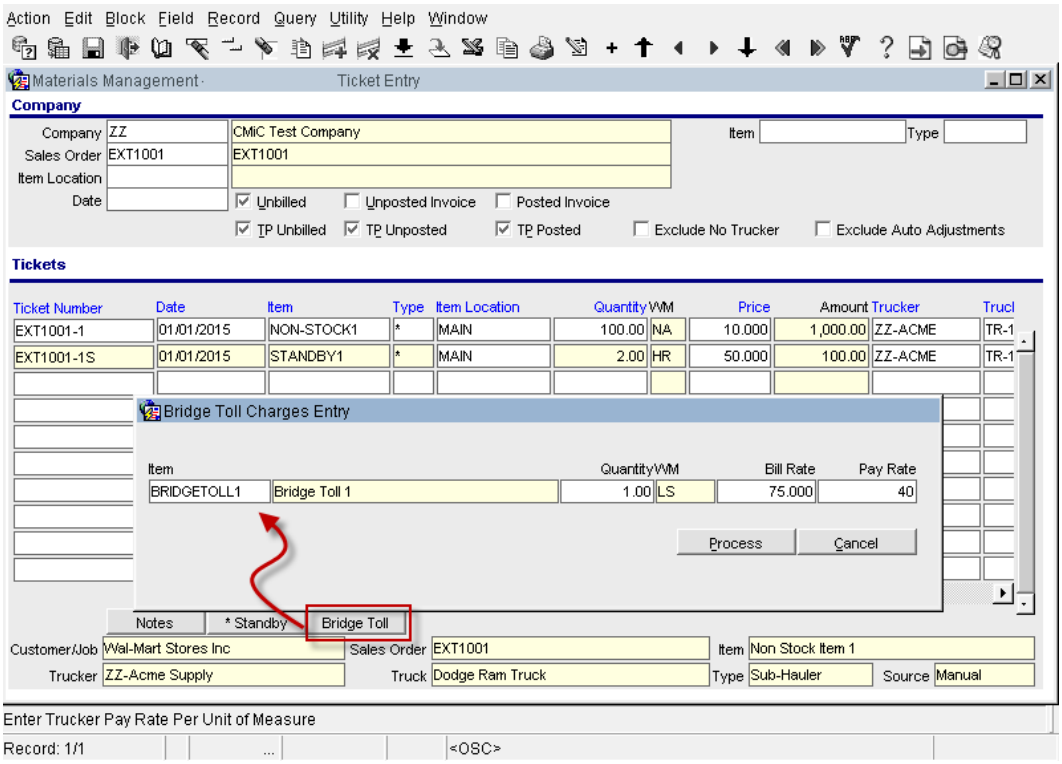


When the Standby button is pressed, the system would open ‘Standby Charges Entry’ popup screen with columns for Item Code, Quantity, Bill Rate and Pay Rate. Item Code may be selected from the LOV and the list displays only those non-stock items flagged as ‘Standby’ item.



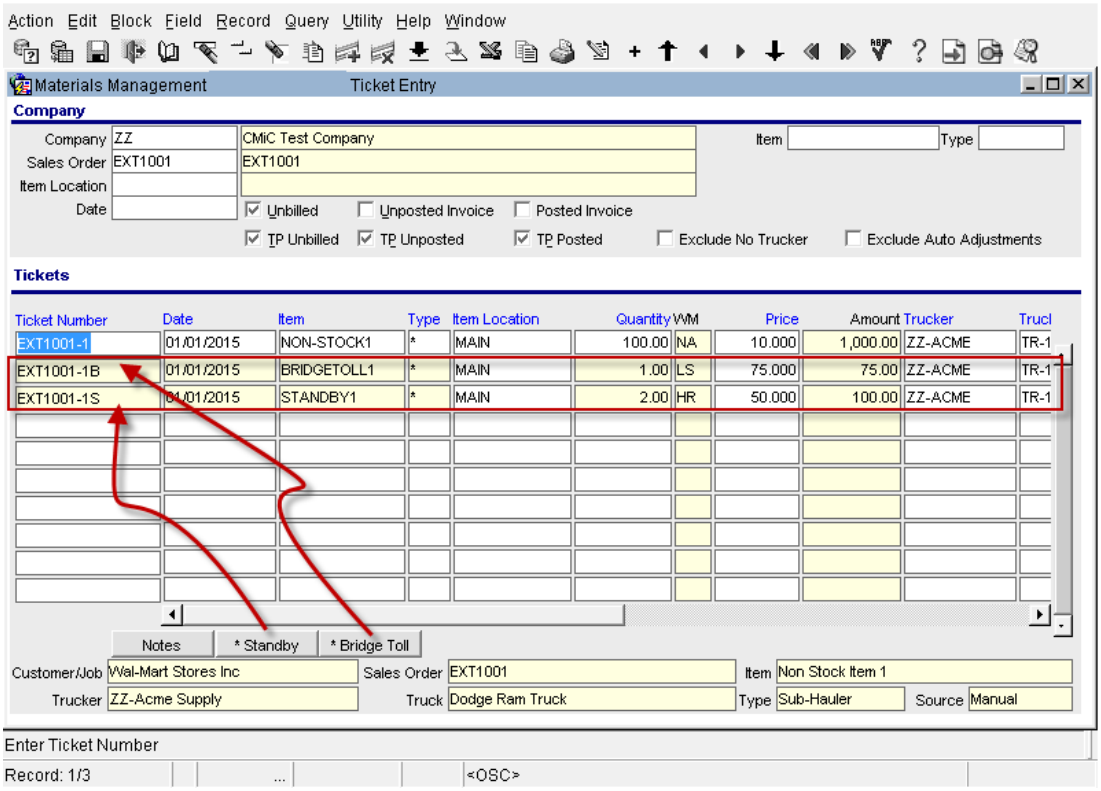


Once users press ’Process’ button, system will insert a new line in ticket entry form, which will have the references to the ticket detail. There will be only one ‘Standby’ and one ‘Bridge Toll’ items allowed per Ticket.



When the ‘Bridge Toll’ button is pressed, the system would open the popup screen. This popup screen will have Item Code, Quantity, Bill Rate and Pay Rate fields. Item Code may be selected from the Non-Stock Item list LOV. When the values entered on the popup are accepted, the system would create a new row on the main screen with the values entered at the popup screen.

NOTE: Users must ensure that the cursor focus is on the actual Sales Item ticket detail line when they invoke the Standby/Bridge Toll popup screens.



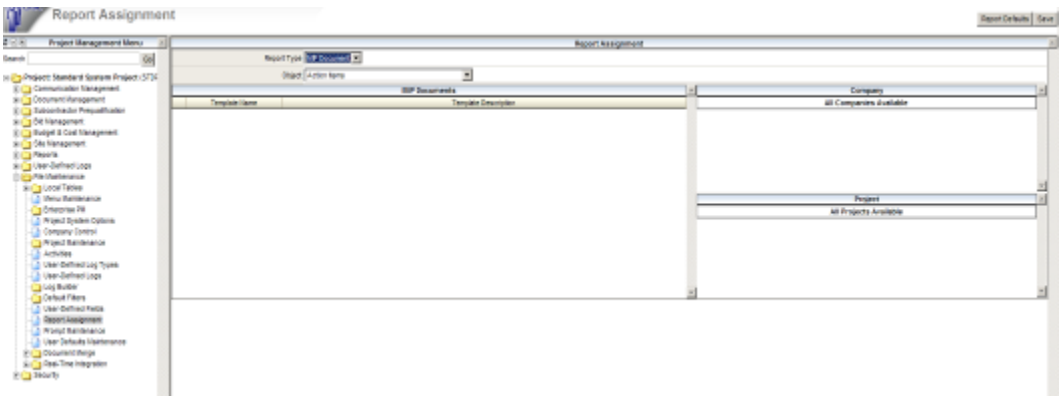
The two new ticket detail lines will have references to the sales item ticket detail line. These new lines will NOT be updateable by the users except for the functionality of privilege to update the trucker information for AR Posted tickets. When a ticket is deleted, the standby and toll detail lines will also be deleted.

There also validations such as when the cursor focus is on one of the two new records, then none of the buttons below, such as Notes are not enabled for user access.

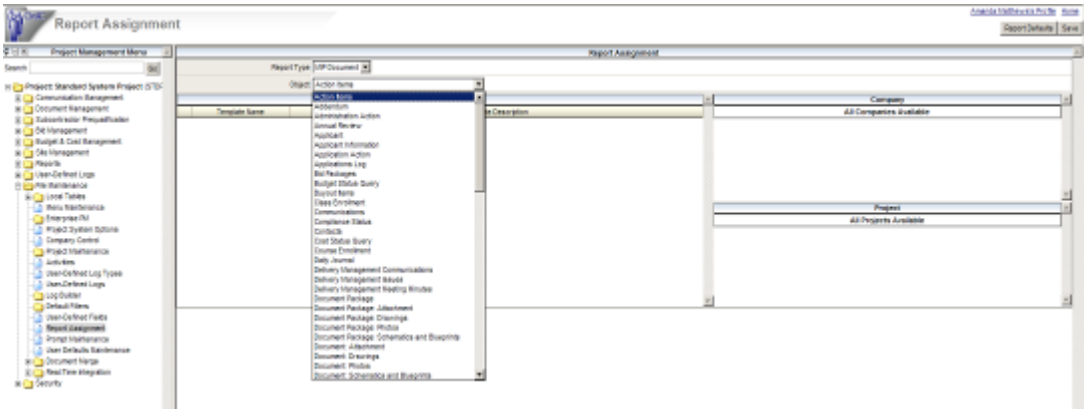
From this point forward, the system functionality is same as before during processing/posting. There are no changes to other objects such as queries and reports.

Microsoft Integration Package (MIP)

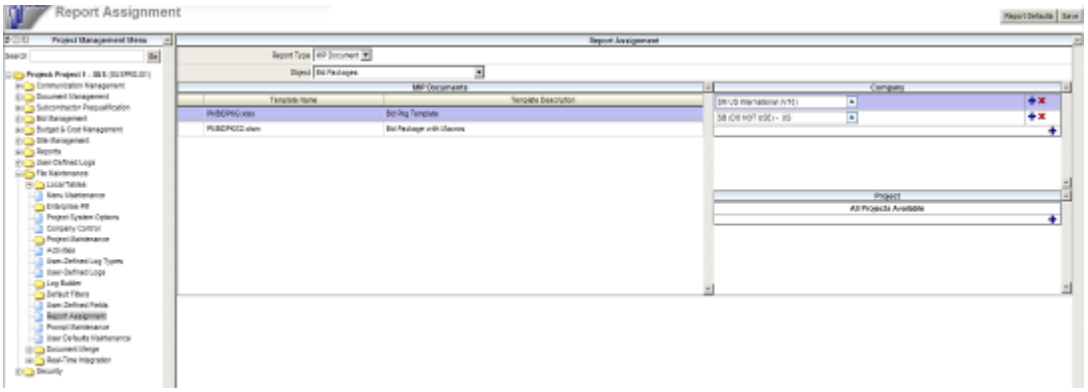
Excel MIP Documents for Report Assignment (11.57543)



An additional Report Type has been added to the Report Assignment screen. It is **MIP Document**. This selection gives the ability to select Excel MIP documents for Report Assignment for the objects listed under that selection:

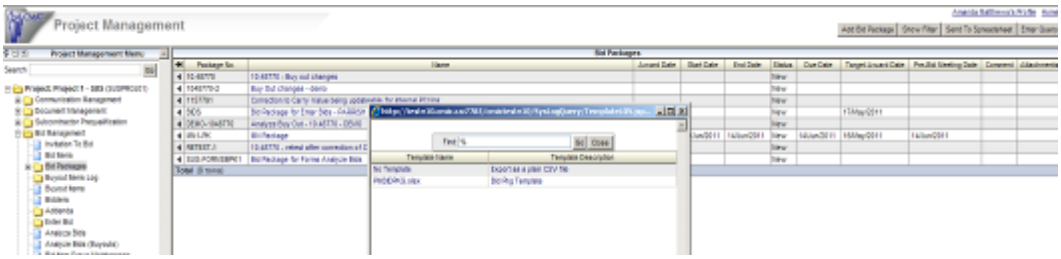


Any defined **Excel** templates for a particular object can be assigned to particular companies or company/projects.

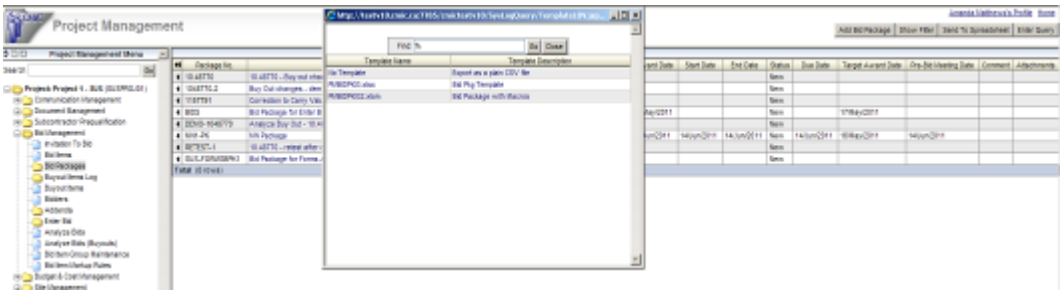


EXAMPLE:

When the **[Send to Spreadsheet]** is clicked in the log of that object, the popup window will display the templates according to the assignment:



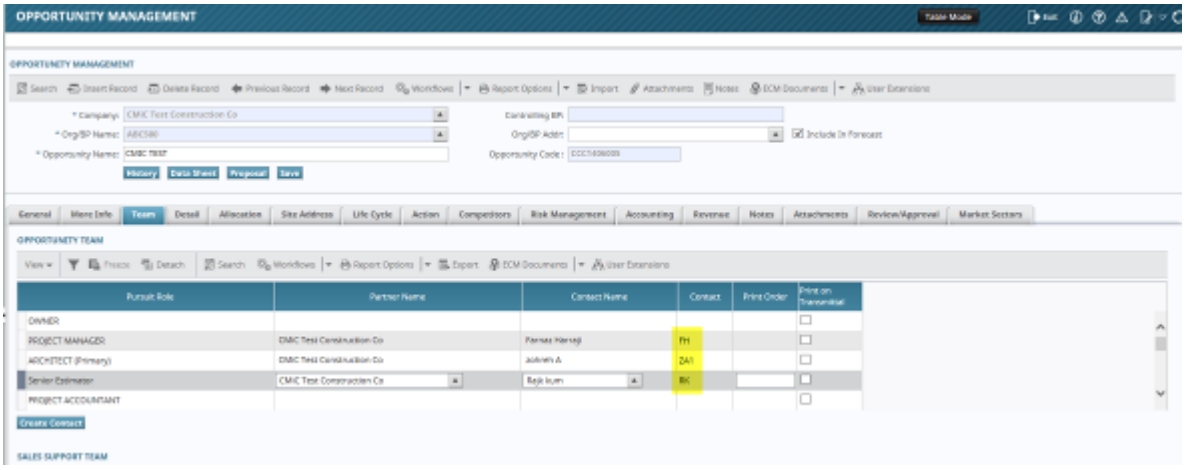
When the user has access to both templates as per Report Assignment, the display changes to:


Project Management

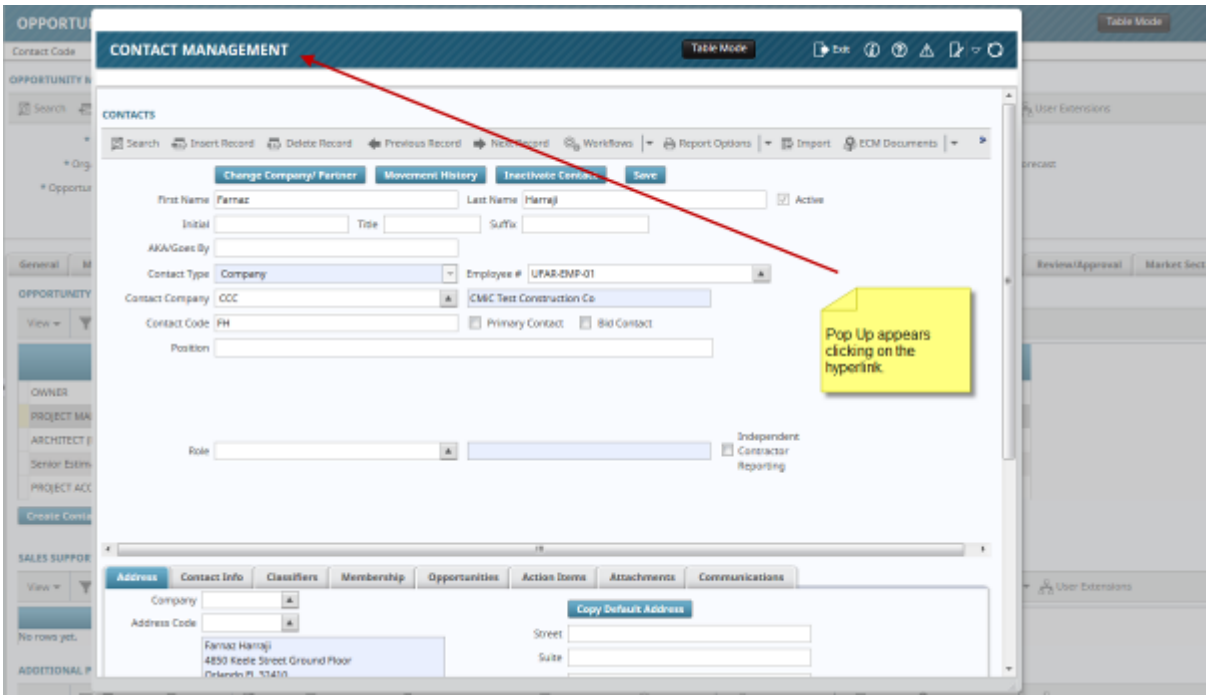
Opportunity Management

OM JSP Contact Hyperlink in ADF (15.10771)

New Hyperlink is implemented on the Team tab on the Opportunity Screen beside the Contact Name under Contact column.



Hyperlink directs users to the contact pop up to access the contact information.

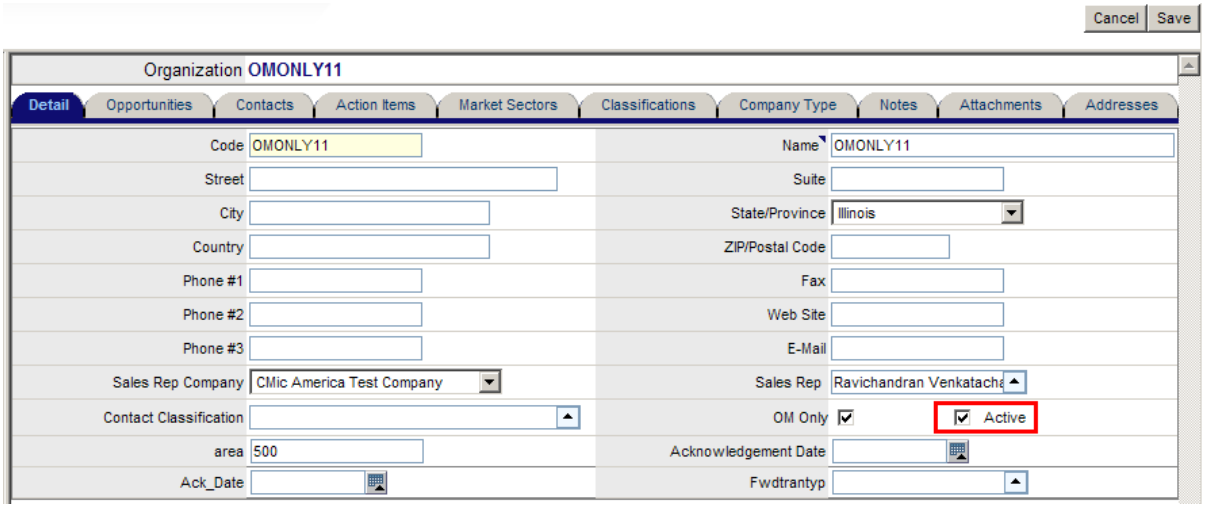


Opportunity Detail Report - Changes (09.36743)

a) Added a new check box to the Opportunity Detail Report Launch Screen that will indicate UDF fields are to be included.

b) Changed the report layout to include the UDF fields directly after the main Opportunity section - (above the Project Address line) with a section header of 'UDF Fields'.

Organization Maintenance – 'Active' check box (10.49932)



'Active' check box is added to Organization screen. When an organization is newly created as 'OM Only', the 'Active' flag is un-checked by default and users may check the flag to make it 'Active' in OM. When an 'OM Only' organization is no longer active, users now have the ability to make it 'Inactive'. This new field is added to the log builder and filter.

Field Security for Opportunity Code (11.61433)

Field security can now be applied to the Opportunity Code in OM. The possible setting is 'Unrestricted' or 'Read-only'. The default value is 'Unrestricted'.

Classifier Fields for Organization Entry & Log (11.60748)

Overview:

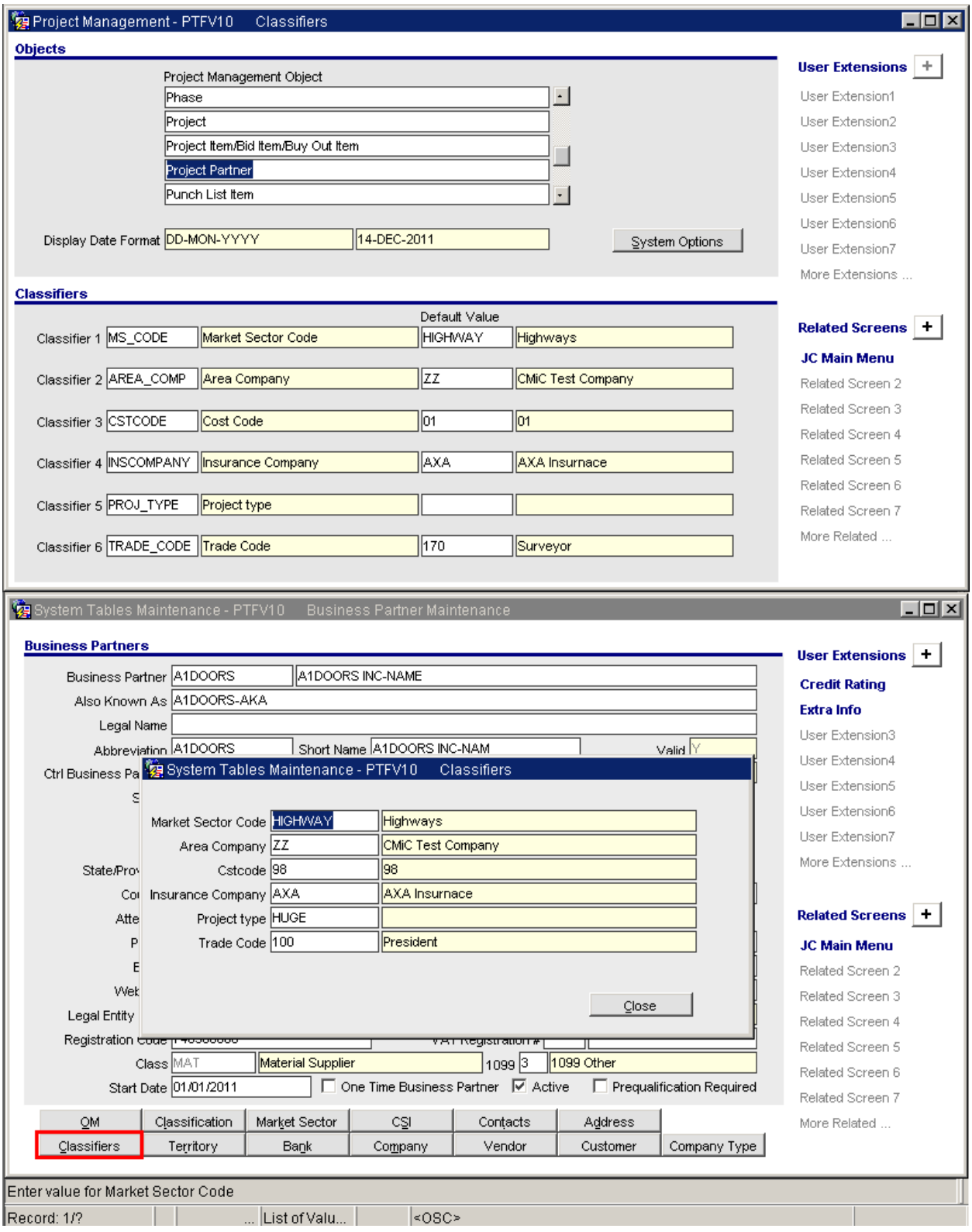
Classifiers for a Business Partner are added to the OM Organization screen.

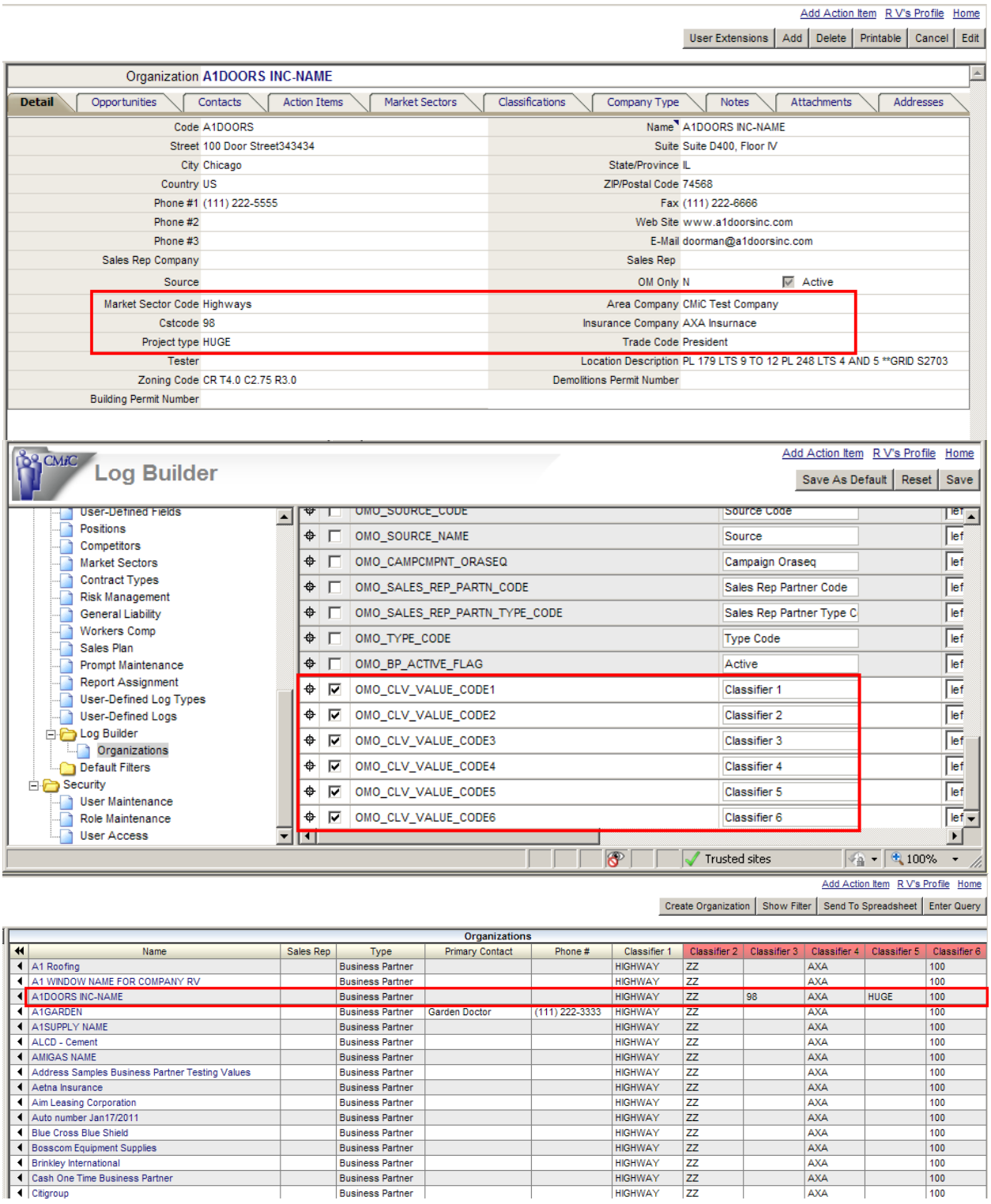
Modifications

The Organization screen in Opportunity Management is modified with the 'Details' tab showing the Business Partner 'Classifier' values.

The Organization log is modified to include the classifiers as well.

NOTE: These classifiers are Business Partner classifiers that may are maintained in Enterprise PM application and are independent of OM classifiers.

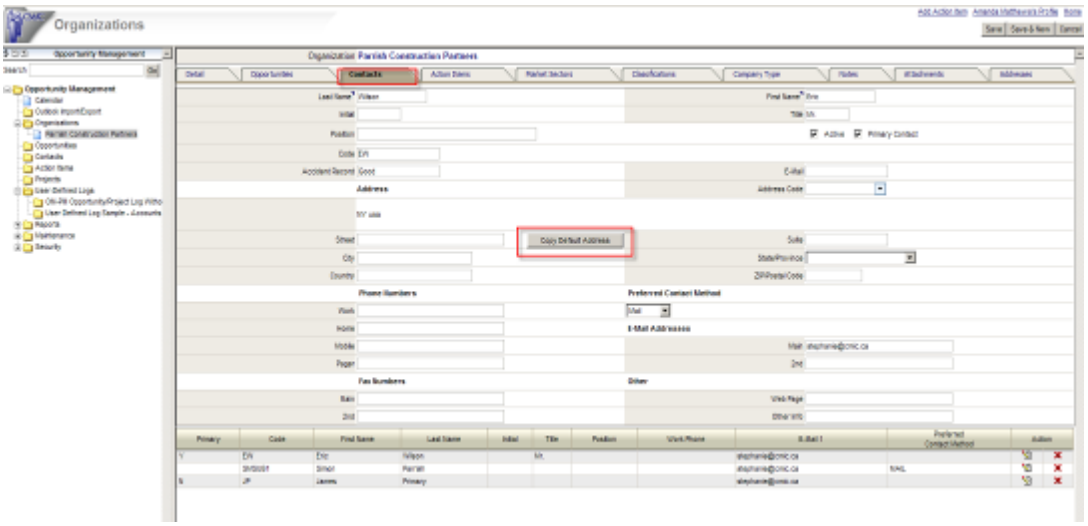

Project Management - PTFV10 Classifiers
Objects
Project Management Object
Phase
Project
Project Item/Bid Item/Buy Out Item
Project Partner
Punch List Item
Display Date Format DD-MON-YYYY 14-DEC-2011
System Options
Classifiers
Default Value
Classifier 1 MS_CODE Market Sector Code HIGHWAY Highways
Classifier 2 AREA_COMP Area Company ZZ CMiC Test Company
Classifier 3 CSTCODE Cost Code 01 01
Classifier 4 INSCOMPANY Insurance Company AXA AXA Insurnace
Classifier 5 PROJ_TYPE Project type
Classifier 6 TRADE_CODE Trade Code 170 Surveyor
User Extensions
User Extension1
User Extension2
User Extension3
User Extension4
User Extension5
User Extension6
User Extension7
More Extensions ...
Related Screens
JC Main Menu
Related Screen 2
Related Screen 3
Related Screen 4
Related Screen 5
Related Screen 6
Related Screen 7
More Related ...
System Tables Maintenance - PTFV10 Business Partner Maintenance
Business Partners
Business Partner A1DOORS A1DOORS INC-NAME
Also Known As A1DOORS-AKA
Legal Name
Abbreviation A1DOORS Short Name A1DOORS INC-NAM Valid Y
Ctrl Business Pa
S
State/Prov
Co
Atte
P
E
Web
Legal Entity
Registration Code
Class MAT Material Supplier 1099 3 1099 Other
Start Date 01/01/2011 One Time Business Partner Active Prequalification Required
QM Classification Market Sector CSI Contacts Address
Classifiers Territory Bank Company Vendor Customer Company Type
System Tables Maintenance - PTFV10 Classifiers
Market Sector Code HIGHWAY Highways
Area Company ZZ CMiC Test Company
Cstcode 98 98
Insurance Company AXA AXA Insurnace
Project type HUGE
Trade Code 100 President
Close
User Extensions
Credit Rating
Extra Info
User Extension3
User Extension4
User Extension5
User Extension6
User Extension7
More Extensions ...
Related Screens
JC Main Menu
Related Screen 2
Related Screen 3
Related Screen 4
Related Screen 5
Related Screen 6
Related Screen 7
More Related ...
Enter value for Market Sector Code
Record: 1/? ... List of Valu... <OSC>



User Extensions for Organizations (11.60747)

Added the [**User Extensions**] button to the OM Organization screen to enable creation of user extensions associated with the Business Partners table.

Copy Default Address for Contacts (11.65006)

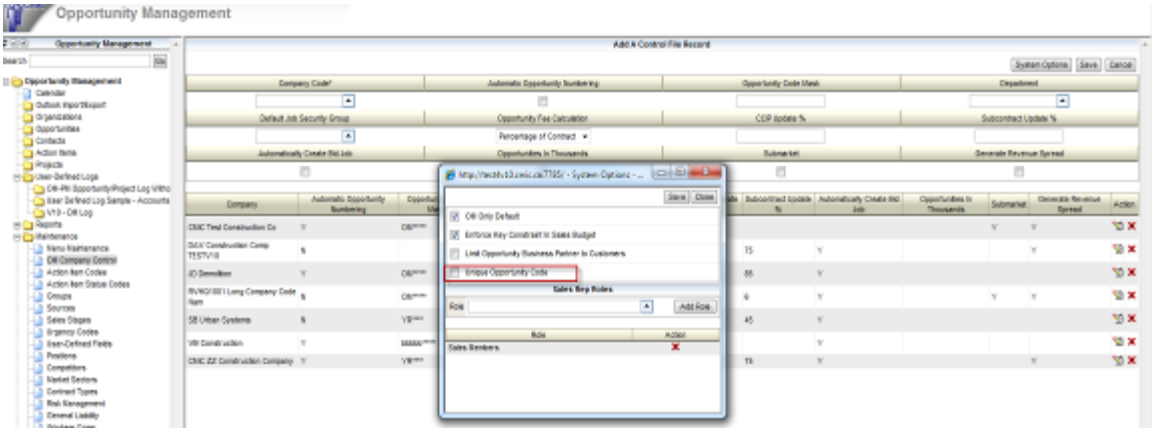


Added the Copy Default Address functionality that exists in Enterprise to OM Contacts.

Bid Job for Business Partner Not Yet Customer (12.69180)

Modified to create bid job with Billing Method as 'Manual AR' when business partner is not yet a customer, but bid job must be created automatically from a new Opportunity and the Default Billing Method (in JC Control) is set as 'Job Billing'. In this case, the Customer field remains blank in the Job Setup screen. Also populated original earnings.

Unique Opportunity Code System Wide (12.69997)



A new flag has been added to the OM Systems Options: "**Unique Opportunity Code**". When checked, only unique opportunities can be created system-wide, i.e., the same opportunity code cannot be created in multiple companies.

Field Security for Stage Field (14.88599)

Field security has been added for the 'Stage' field of Opportunity. The possible setting is Unrestricted/Read-only/Hidden.

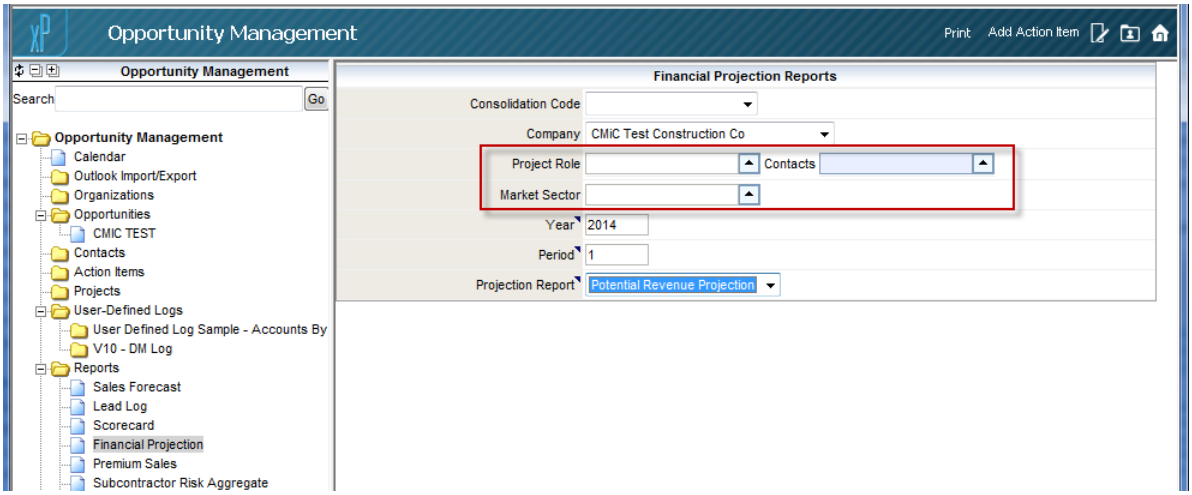
Financial Projection Report - New parameters (14.89458)

Ability to run the Financial Projections Report either by 'Market Sector' or by 'Project Contact Codes' with specific Project Roles assigned

Modifications:

The Opportunity Management > Report > Financial Projection Report parameter screen is modified to provide additional filtering capabilities to the users. When no values entered in the newly available fields, the report would print as before and will simply run the report by the consolidation code or by the company code. Now with the new fields available, users will be able to filter the reports either by Project Role/Category combination or by the 'Market Sector' of the opportunities.

This report applies to all the Financial Project Reports.



The screen is modified with 3 new additional columns, as highlighted above.

Users may choose either Project Role / Contact Code combination or 'Market Sector' when running the report.

Project Roles:

Enter or Select a valid project role from the available list.

Contacts:

The Contact Code field is enabled when the project role column is selected/populated. The contact Codes are limited to project roles selected in the previous field.

Market Sector:

The market sector value may be selected from the valid list of values, when NOT using the previous two fields 'Project Role\Contacts'.

CCC - CMiC Test Construction Co
QUARTERLY VOLUME PROJECTIONS
(IN THOUSANDS OF DOLLARS)

Job Code	Job Name	Prior Year(s) To Date	Curr Year Quarter To Date	Jan (A)	Feb	Mar	2014 1st Qtr	Apr	May	Jun	2014 2nd Qtr	Jul	Aug	Sep	2014 3rd Qtr	Oct	Nov	Dec
Opportunities																		
CCC1406005	CMiC TEST	0	0	0	327	327	654	327	327	327	981	327	327	327	981	327	327	327
CCC1406006	ABC500- Residential low	0	0	0	3,318	3,318	6,636	3,318	3,318	3,318	9,955	3,318	3,318	3,318	9,955	3,318	3,318	3,318
	Total 010	0	0	0	3,645	3,645	7,291	3,645	3,645	3,645	10,936	3,645	3,645	3,645	10,936	3,645	3,645	3,645
CCC1406001	ABC100 - Opportunity	0	0	0	313	313	625	313	313	313	938	313	313	313	938	313	313	313
	Total AWARDEDP	0	0	0	313	313	625	313	313	313	938	313	313	313	938	313	313	313
Total Opportunities		0	0	0	3,958	3,958	7,916	3,958	3,958	3,958	11,873	3,958	3,958	3,958	11,873	3,958	3,958	3,958
Totals																		
	Opportunities	0	0	0	3,958	3,958	7,916	3,958	3,958	3,958	11,873	3,958	3,958	3,958	11,873	3,958	3,958	3,958
Total Volume		0	0	0	3,958	3,958	7,916	3,958	3,958	3,958	11,873	3,958	3,958	3,958	11,873	3,958	3,958	3,958

When using the Project Role/Contact Code combination, only those opportunites with the contact defined with the specific role will be included in the report and printed

END OF REPORT

Report Parameters			
Company:	CCC	Run Date:	06/09/2014
Consolidation:		Run Time:	03:37 PM
To Year:	2014	Operator:	null
To Period:	1	Report Code:	OMFINPRO
Report Id:	R	Role Code:	MNGR
Market Sector		Contact Code:	FH

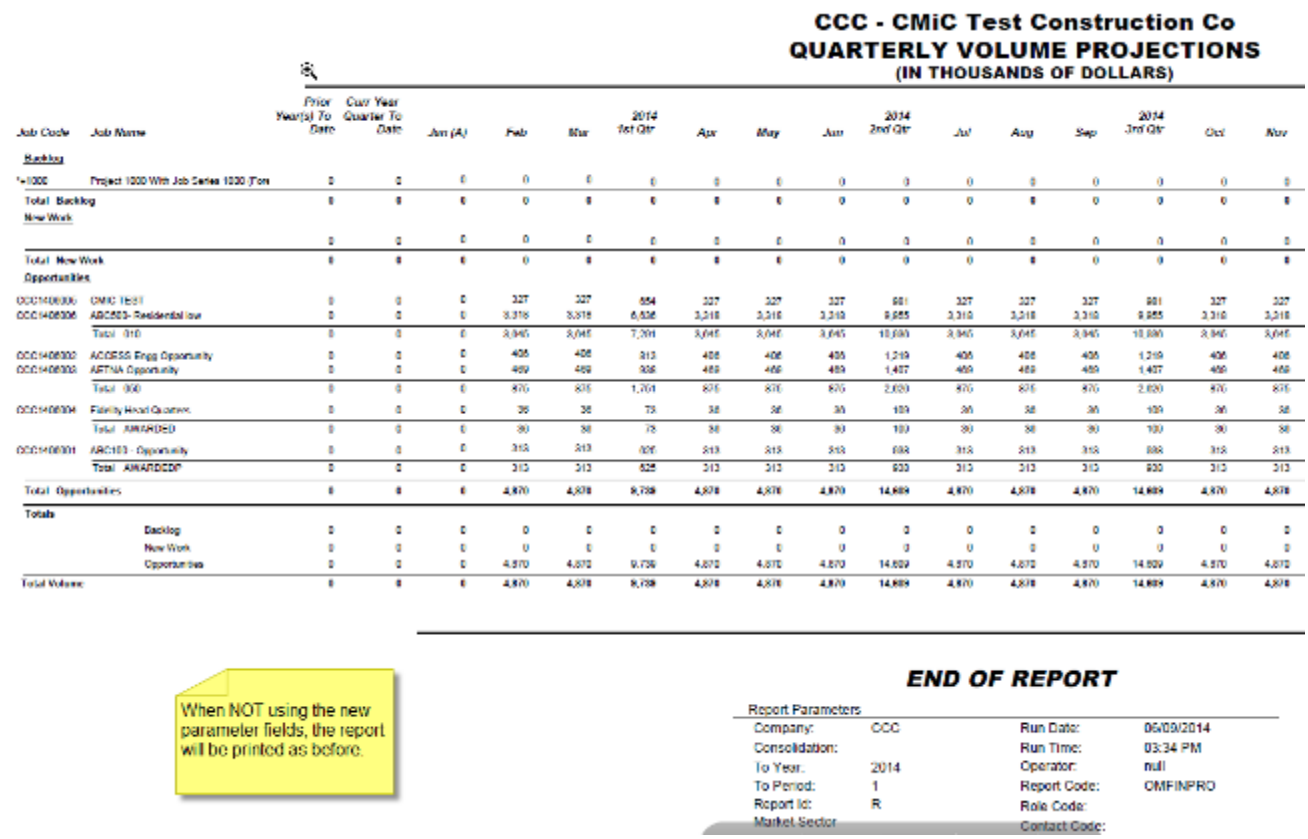
CCC - CMiC Test Construction Co
QUARTERLY VOLUME PROJECTIONS
(IN THOUSANDS OF DOLLARS)

Job Code	Job Name	Prior Year(s) To Date	Curr Year Quarter To Date	Jan (A)	Feb	Mar	2014 1st Qtr	Apr	May	Jun	2014 2nd Qtr	Jul	Aug	Sep	2014 3rd Qtr	Oct	No
Opportunities																	
CCC1406005	CMiC TEST	0	0	0	327	327	654	327	327	327	981	327	327	327	981	327	32
CCC1406006	ABC500- Residential low	0	0	0	3,318	3,318	6,636	3,318	3,318	3,318	9,955	3,318	3,318	3,318	9,955	3,318	3,31
	Total 010	0	0	0	3,645	3,645	7,291	3,645	3,645	3,645	10,936	3,645	3,645	3,645	10,936	3,645	3,64
Total Opportunities		0	0	0	3,645	3,645	7,291	3,645	3,645	3,645	10,936	3,645	3,645	3,645	10,936	3,645	3,64
Totals																	
	Opportunities	0	0	0	3,645	3,645	7,291	3,645	3,645	3,645	10,936	3,645	3,645	3,645	10,936	3,645	3,64
Total Volume		0	0	0	3,645	3,645	7,291	3,645	3,645	3,645	10,936	3,645	3,645	3,645	10,936	3,645	3,64

When using the 'market Sector' only those opportunites with the specific market sectors assigned will be included in the report.

END OF REPORT

Report Parameters			
Company:	CCC	Run Date:	06/09/2014
Consolidation:		Run Time:	03:40 PM
To Year:	2014	Operator:	null
To Period:	1	Report Code:	OMFINPRO
Report Id:	R	Role Code:	
Market Sector	RESIDENT	Contact Code:	



CCC - CMiC Test Construction Co
QUARTERLY VOLUME PROJECTIONS
(IN THOUSANDS OF DOLLARS)

Job Code	Job Name	Prior Year(s) To Date	Curr Year Quarter To Date	Jan (A)	Feb	Mar	2014 1st Qtr	Apr	May	Jun	2014 2nd Qtr	Jul	Aug	Sep	2014 3rd Qtr	Oct	Nov
Backlog																	
*=1000	Project 1000 With Job Series 1000 (Tom	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Backlog		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Work																	
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total New Work		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Opportunities																	
CCC1406300	CMiC TEST	0	0	0	327	327	654	327	327	327	981	327	327	327	981	327	327
CCC1406306	ABCSS- Residential low	0	0	0	3,318	3,318	6,636	3,318	3,318	3,318	9,955	3,318	3,318	3,318	9,955	3,318	3,318
	Total 310	0	0	0	3,645	3,645	7,290	3,645	3,645	3,645	10,936	3,645	3,645	3,645	10,936	3,645	3,645
CCC1406302	ACCESS Engg Opportunity	0	0	0	406	406	813	406	406	406	1,219	406	406	406	1,219	406	406
CCC1406303	AETNA Opportunity	0	0	0	469	469	938	469	469	469	1,407	469	469	469	1,407	469	469
	Total 300	0	0	0	875	875	1,751	875	875	875	2,626	875	875	875	2,626	875	875
CCC1406304	Fidelity Head Quarters	0	0	0	38	38	75	38	38	38	113	38	38	38	113	38	38
	Total AWARDED	0	0	0	38	38	75	38	38	38	113	38	38	38	113	38	38
CCC1406301	ABC103 - Opportunity	0	0	0	313	313	625	313	313	313	938	313	313	313	938	313	313
	Total AWARDED	0	0	0	313	313	625	313	313	313	938	313	313	313	938	313	313
Total Opportunities		0	0	0	4,870	4,870	9,739	4,870	4,870	4,870	14,609	4,870	4,870	4,870	14,609	4,870	4,870
Totals																	
	Backlog	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Work	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Opportunities	0	0	0	4,870	4,870	9,739	4,870	4,870	4,870	14,609	4,870	4,870	4,870	14,609	4,870	4,870
Total Volume:		0	0	0	4,870	4,870	9,739	4,870	4,870	4,870	14,609	4,870	4,870	4,870	14,609	4,870	4,870

When NOT using the new parameter fields, the report will be printed as before.

END OF REPORT

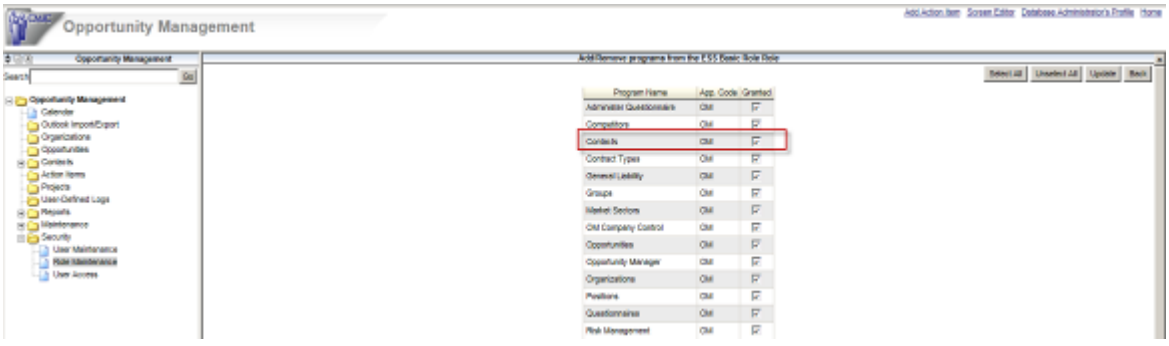
Report Parameters			
Company:	CCC	Run Date:	06/09/2014
Consolidation:		Run Time:	03:34 PM
To Year:	2014	Operator:	null
To Period:	1	Report Code:	OMFINPRO
Report Id:	R	Role Code:	
Market Sector		Contact Code:	

NOTE: When NOT using the new fields, the report will print as per the company code or consolidation code and for the financial year/period selected. This is the existing report output prior to this modification.

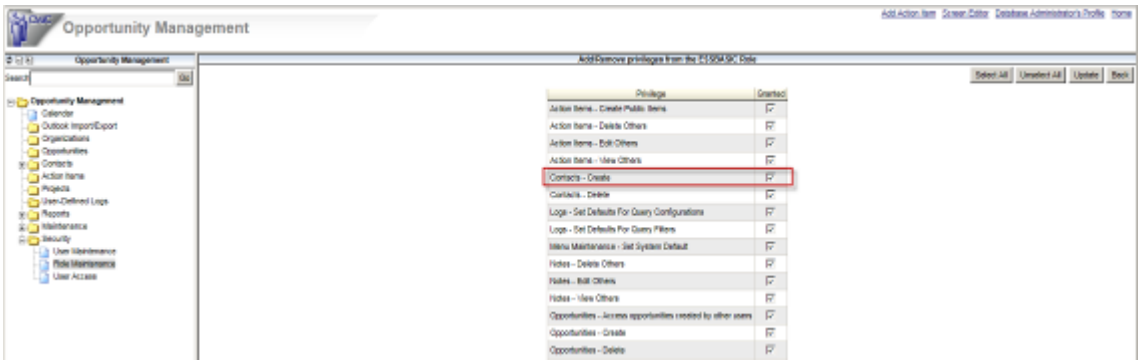
The security options to ‘Add Contact’ functionality (14.90563)

The following security options have been added for ‘Add Contact’ functionality:

a) The program privilege ‘Contacts’ (Role Maintenance -> Assign Program) to control access to contact detail screen:

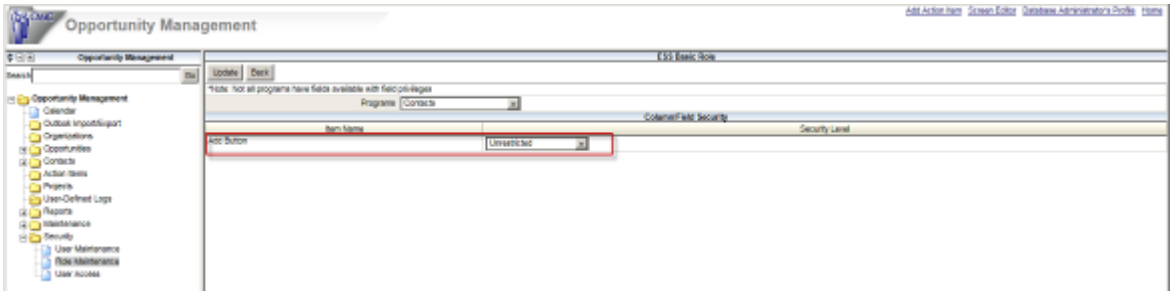


b) The privilege ‘Contacts - Create’ (Role Maintenance -> Assign Privilege) to control access to [**Create Contact**] button in ‘Contacts’ log and to the [**Add Contact**] button in the Contact Maintenance popup window in Contacts tab in Opportunities:

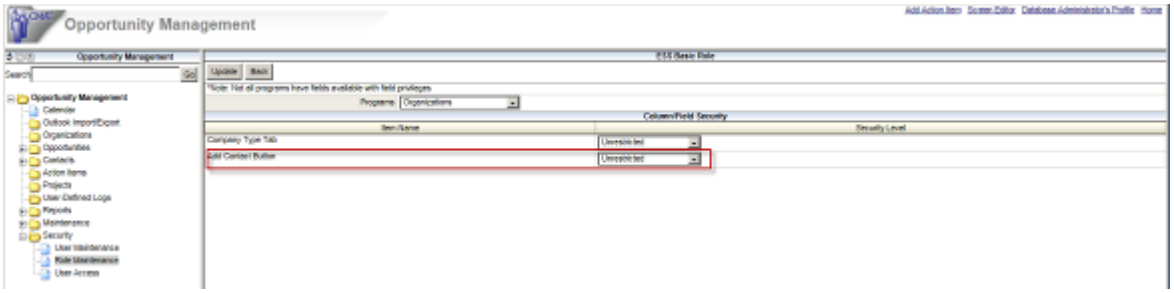


c) The field security settings (Role Maintenance -> Assign Field Security):

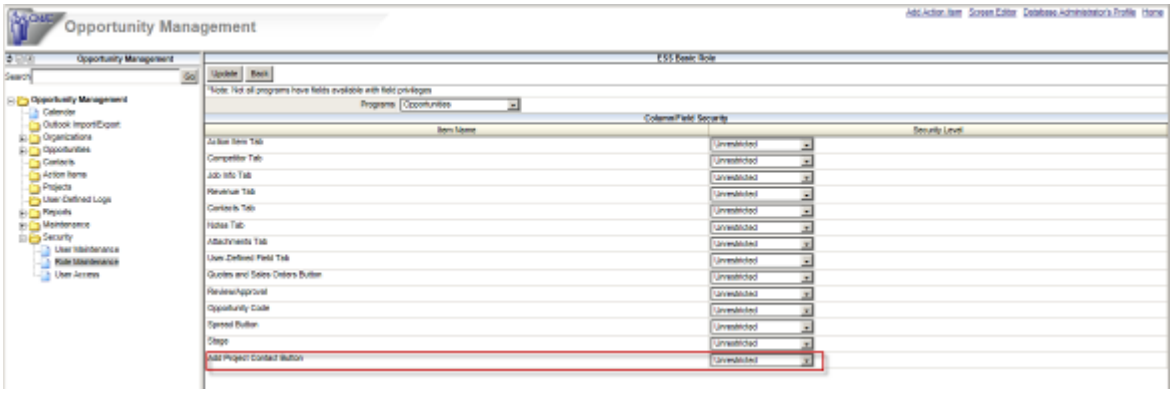
- In program ‘Contacts’ to control access to [**Add**] button in Contact detail screen:



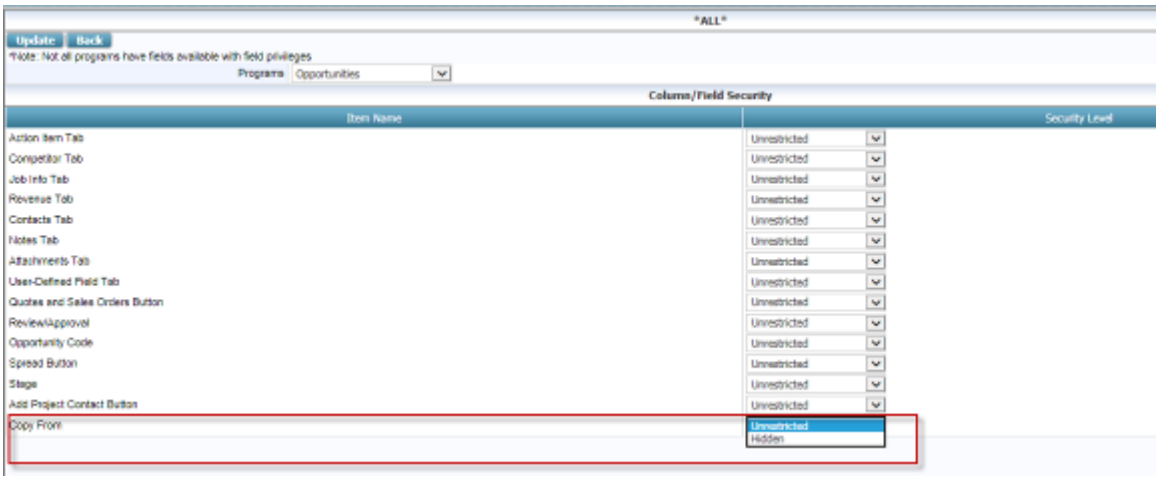
- In program ‘Organization’ to control access to [**Add**] button in Organization detail screen -> ‘Contacts’ tab:



- In program Opportunities to control access to [**Add Project Contact**] button in Opportunity details screen -> ‘Contacts’ tab:



Field Security – Copy From Button (14.98178)

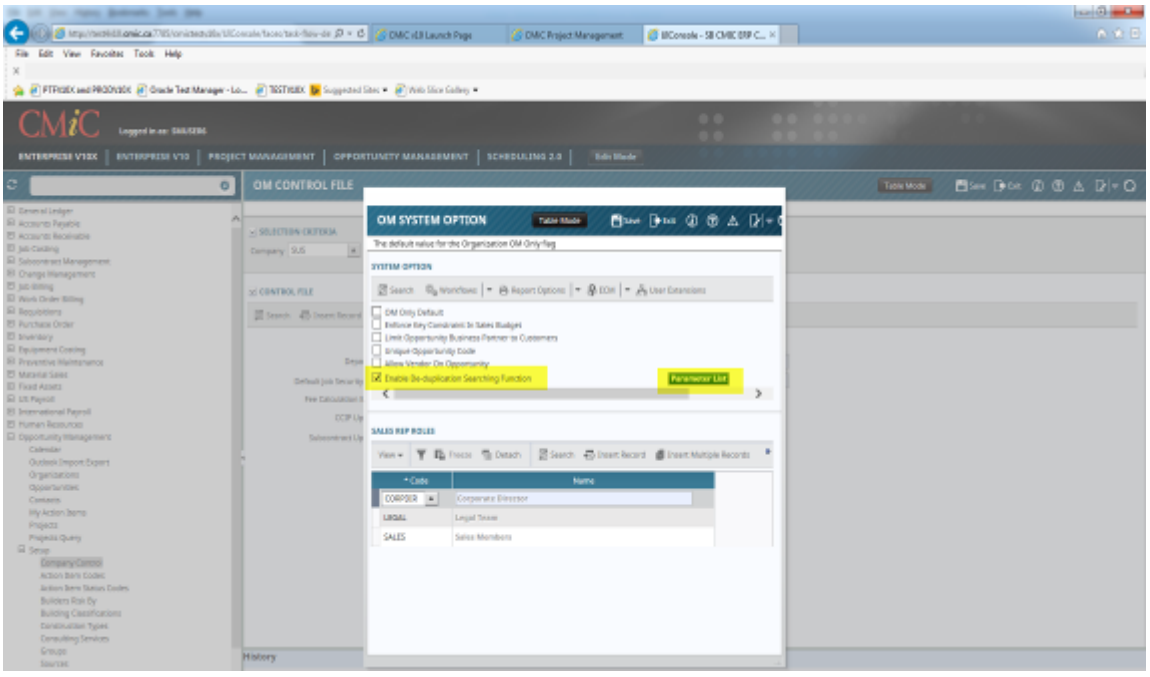


Field security can now be applied to the COPY FROM button on the Opportunity screen. Possible setting is Unrestricted/Hidden.

Bid Job Auto-Assign Cost Code Template (14.93082)

Enhancement that, when automatically creating a bid job from Opportunity Management, 'Auto-Assign' a bid job template so that, the cost codes from the template are assigned to the bid job upon creation. Also added the ability to default the Bid Job Cost Code Template, when selecting a bid job in 'Assign Cost Codes' program. See Job costing section of this manual for more details.

ADF OM/PM De-duplication Warnings for Organization, Opportunity, Contacts (15.02545)

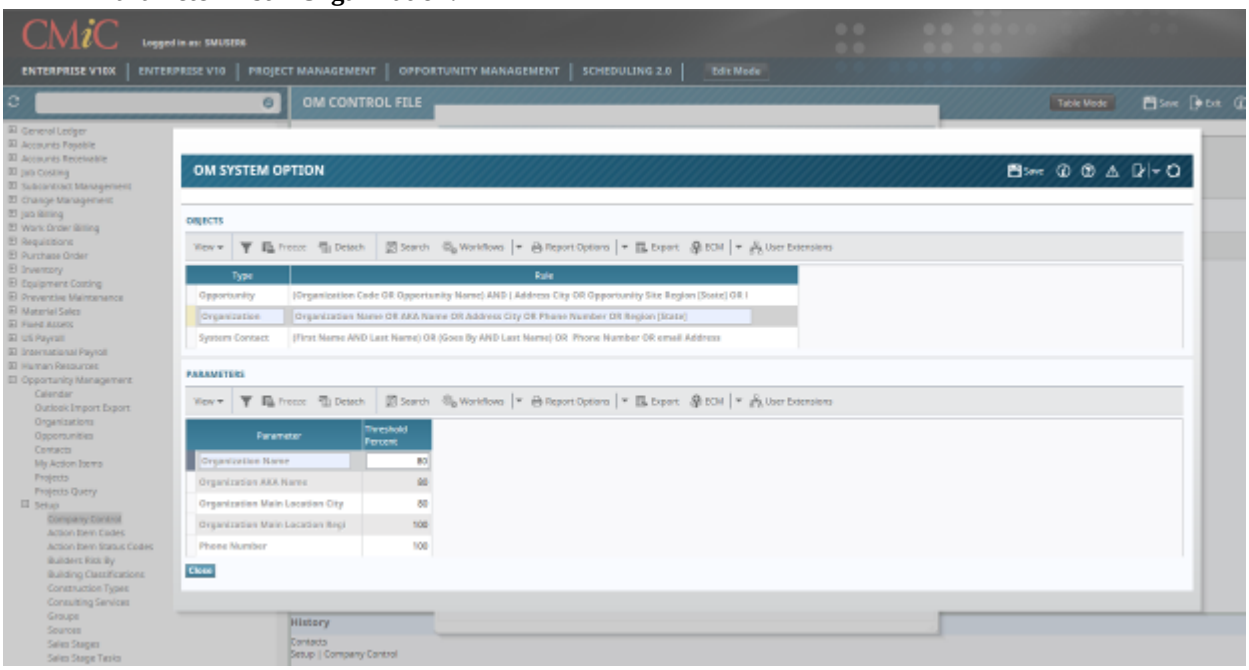


Applied changes to facilitate the reduction/elimination of duplicate records being created for the same Organization, Opportunity and Contacts (System and Project), by utilizing pre-set parameters for matching criteria.

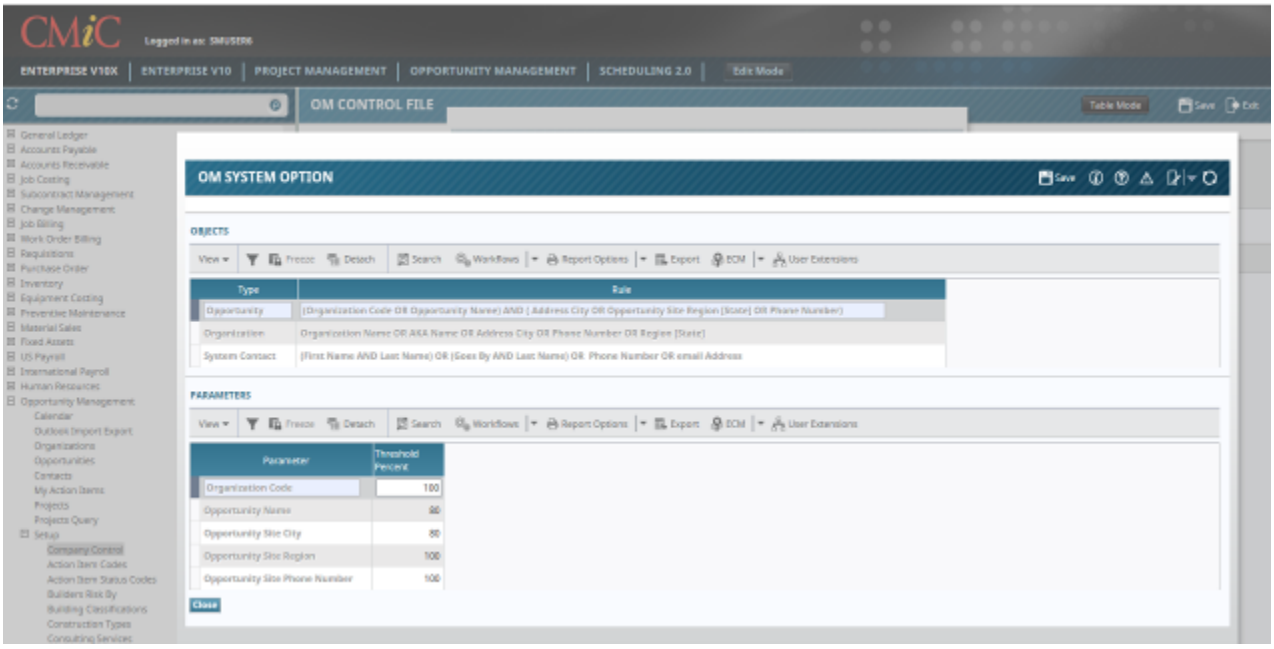
Firstly, the parameters are set in the ADF – OM Systems Options screen **Parameter List**, when the new flag '**Enable De-duplication Searching Function**' is checked.

The Parameter List is separated in sections for Organization, Opportunity and System Contact (also applies to Project Contact):

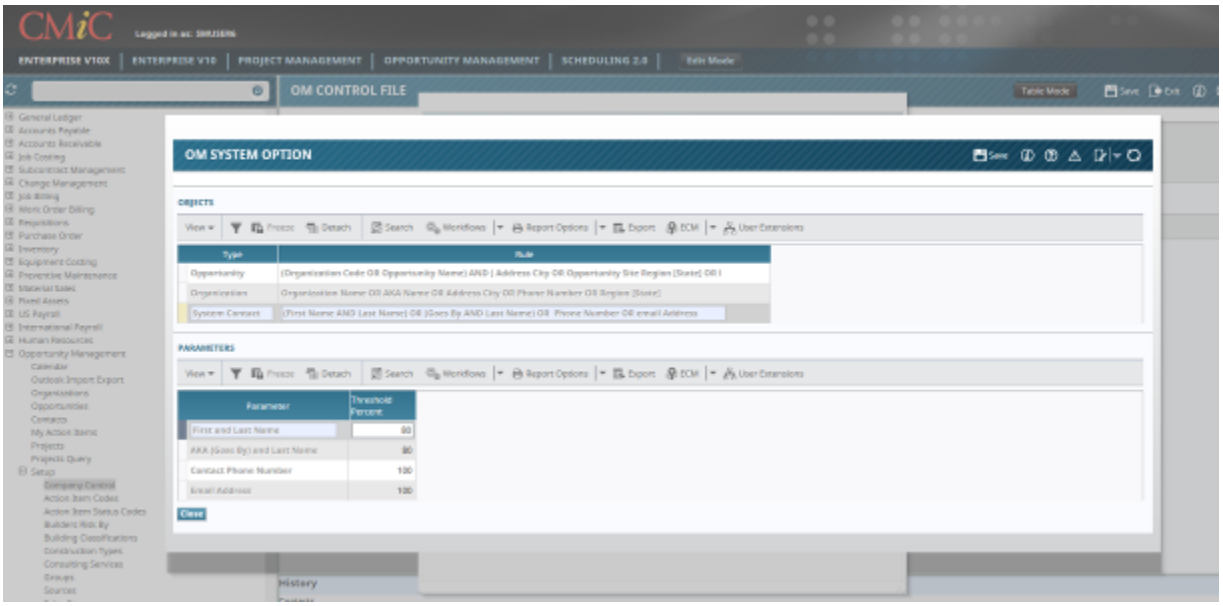
Parameter List – Organization:



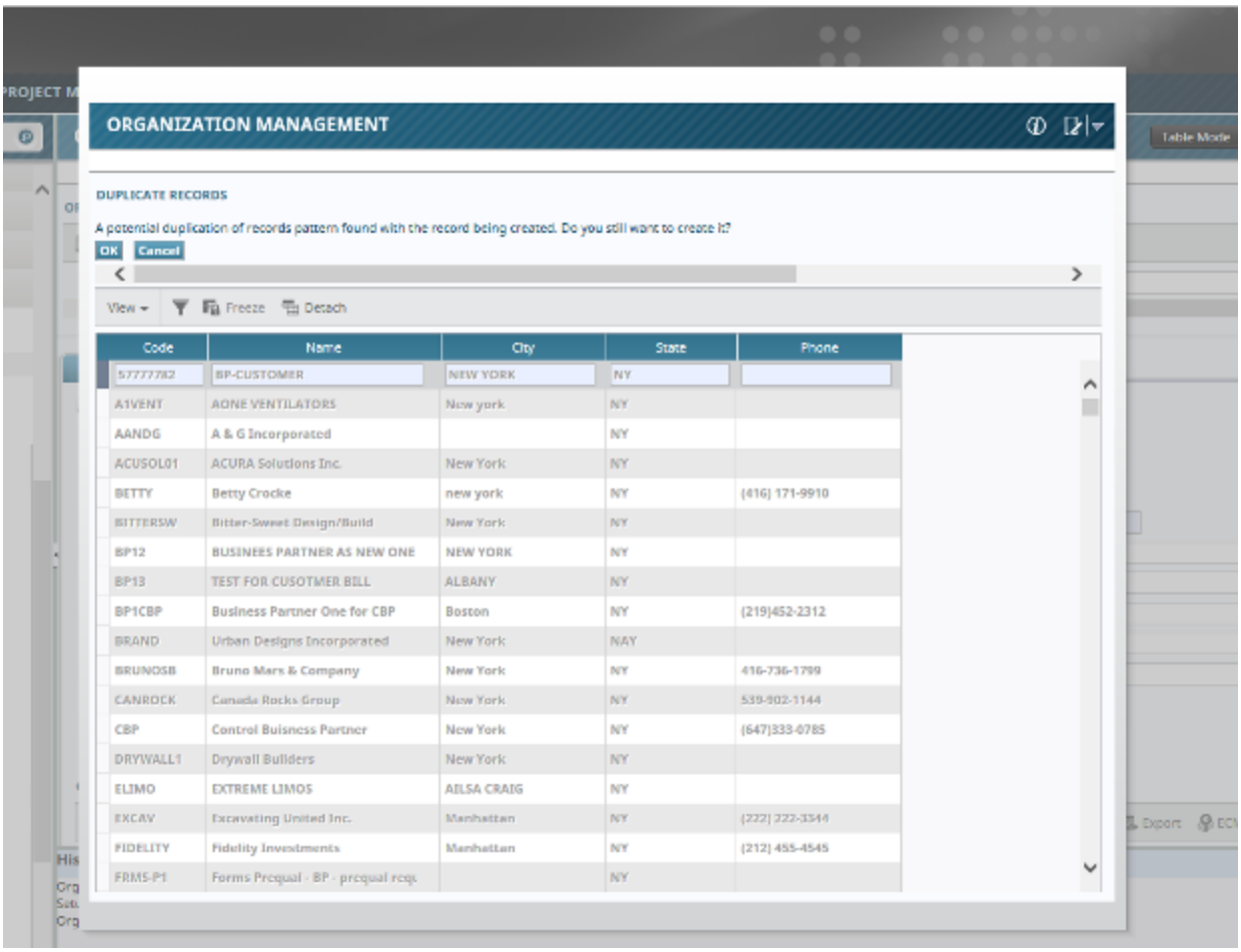
Parameter List – Opportunity:



Parameter List – System Contact:

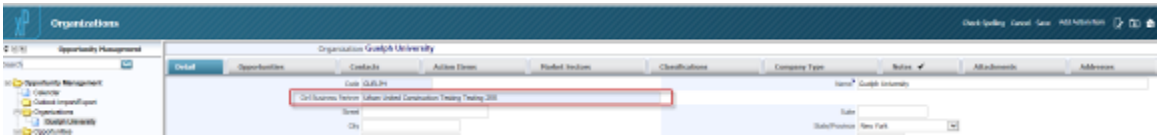


When the matching process is executed during the creation of a new record for Organization, Opportunity or Contact (on the 'Save' action), the possible duplicate records are displayed in a popup with a confirmation for the user to proceed or cancel:

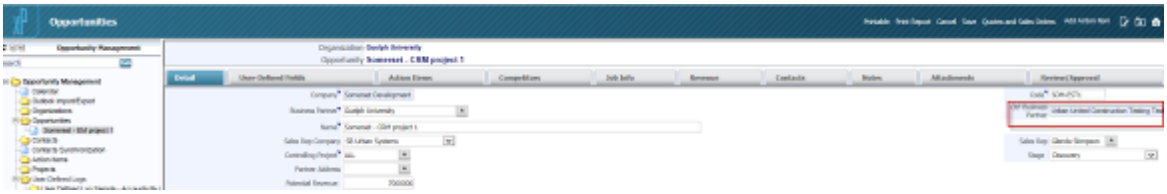


The results presented are based on the Percent Threshold that is entered for the parameters and the underlying matching rule.

Controlling Business Partner Added in OM/PM (15.01867)

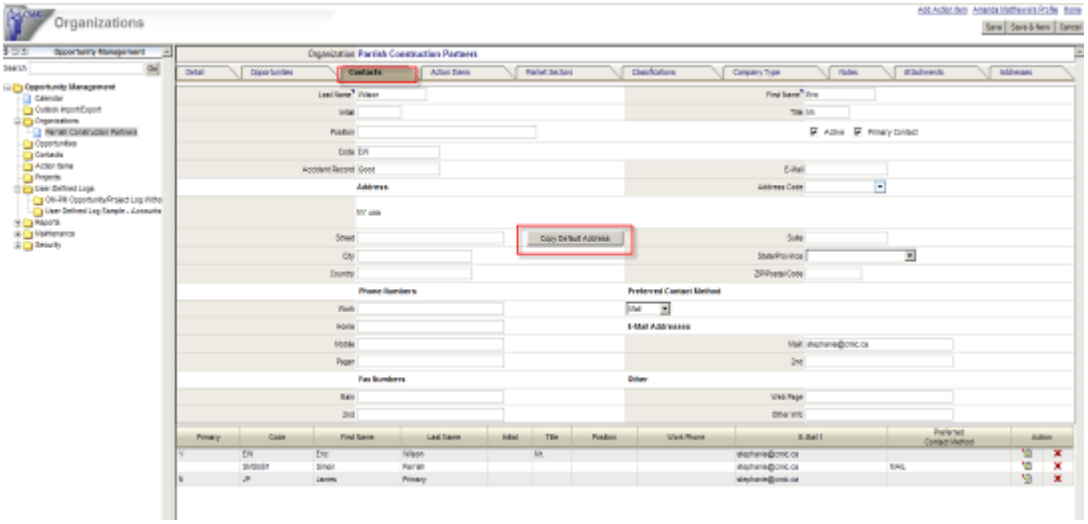


The Controlling Business Partner has been added as a display-only field to the Organization, Opportunity, and Project screens.



The field (Name and Code) is also available for selection on the related logs (Opportunity, OM Projects Log and Project Maintenance).

Copy Default Address for Contacts (11.65006)



Added the Copy Default Address functionality that exists in Enterprise to OM Contacts.

Ability to Copy Equipment Class Revenue Rates (15.01986)

The Equipment Class Revenue Type Detail screen in ADF is modified with the addition of a button in the header block to copy the equipment class rates along with allocation overrides if any, from one company to another.

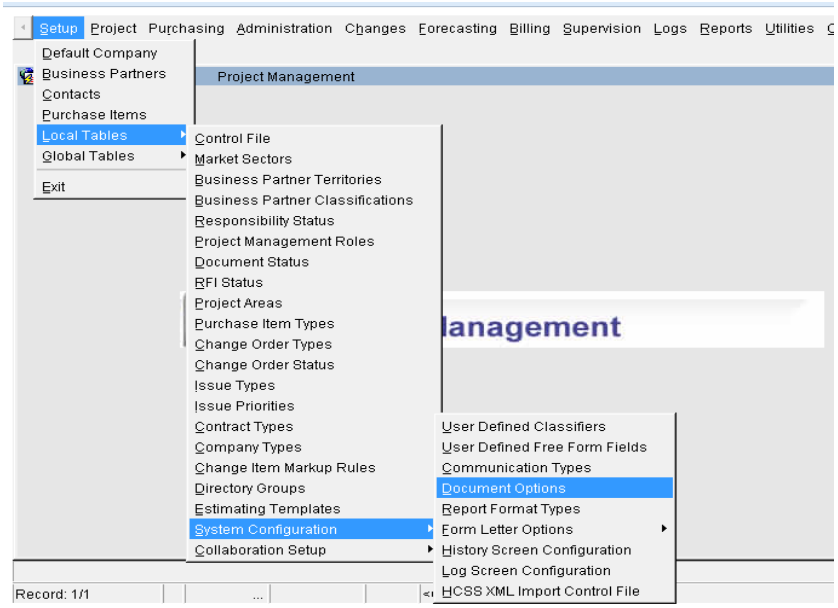
The pre-requisite for a full copy is that, the target company must also have the same transaction codes and the Revenue Types defined with Revenue Allocation for 'Target Company'. If the target company does NOT have all transaction codes or Revenue allocation, then only those matching in both source and target companies will be copied over.

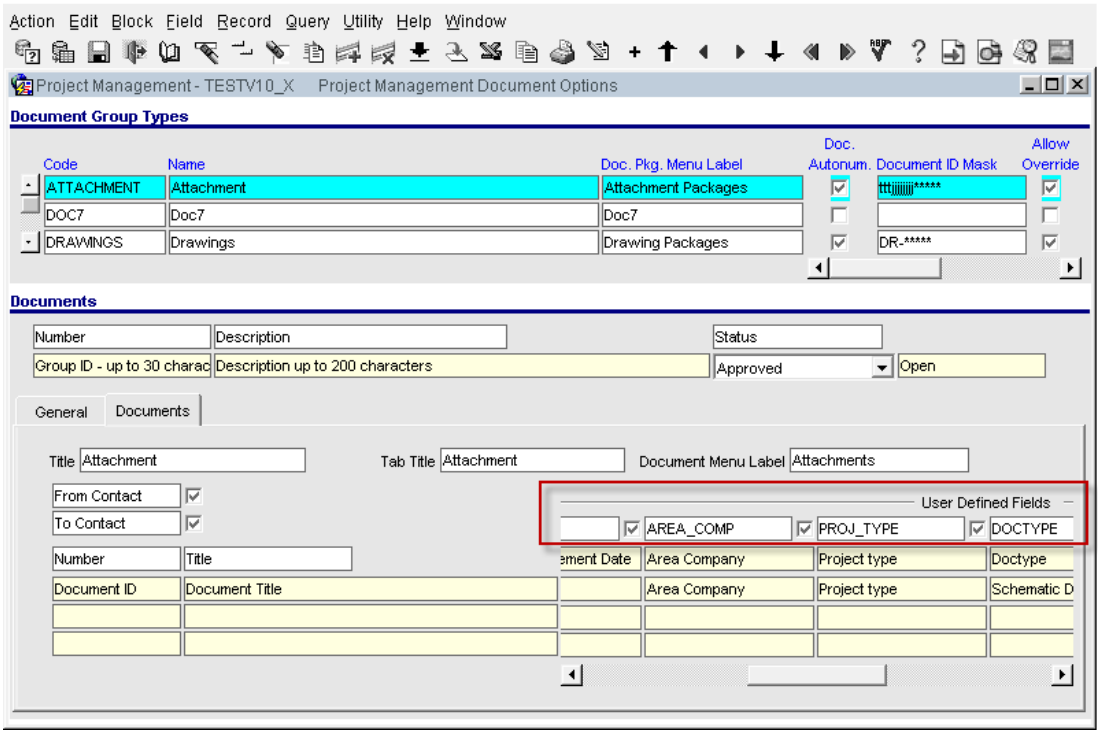
Users must note that, if there are any rates that is 'in-active' then they will NOT be copied over. 'As of Date' all those 'active' rate definitions will be copied over.

Six Document Classifiers for Attachments tab (15.11355)

Added six document group type classifier columns (user-defined fields), along with their description, as hidden fields in the Attachment tab of Organizations, Opportunities and Contacts in Opportunity Management – ADF.

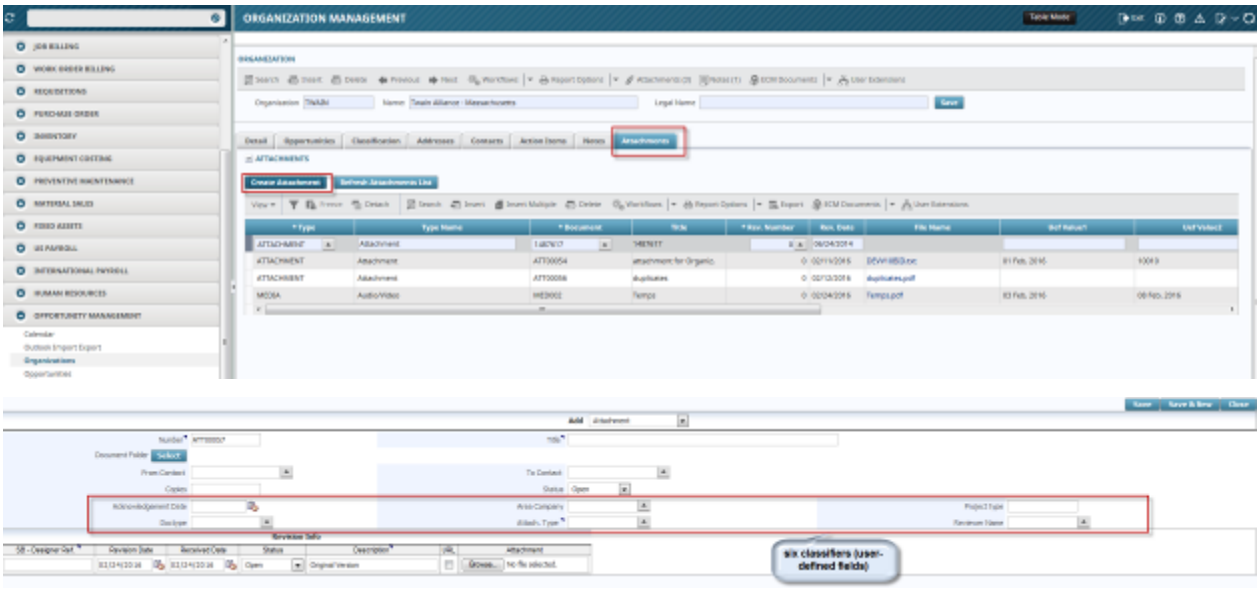
The classifiers are initially defined in the Project Management – Document Options screen (standard functionality):





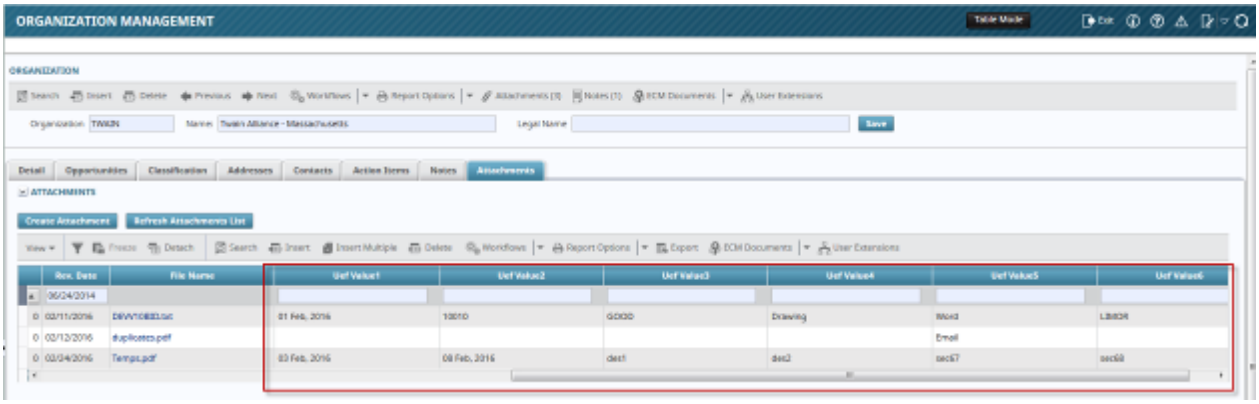
In ADF, use the Lite Editor to reveal the six hidden classifier fields (and their Description if needed) and make them visible on the Attachments tab for the Organizations, Opportunities and Contacts screens.

Create the document attachment record in ADF and fill in the values for the six classifiers:



Save the record and refresh the OM ADF screen display for Attachments tab.

The classifiers (and their Description, if selected) are displayed as read-only fields in the **Attachments** tab:



BP Address Code Security based on Remit-To Flag (15.11856)

CMiC has created a new security on the business partner Remit-To addresses. For that purpose the new system option flag “Secure Remit-To Address” and a new privilege “SYS-Allow Edit of Remit-To Address” have been introduced.

When the system option flag “Secure Remit-To Address” is checked Remit-To addresses become protected and only users with the privilege “SYS-Allow Edit of Remit-To Address” will be able to edit them including checking on and off the Remit-To flag itself.

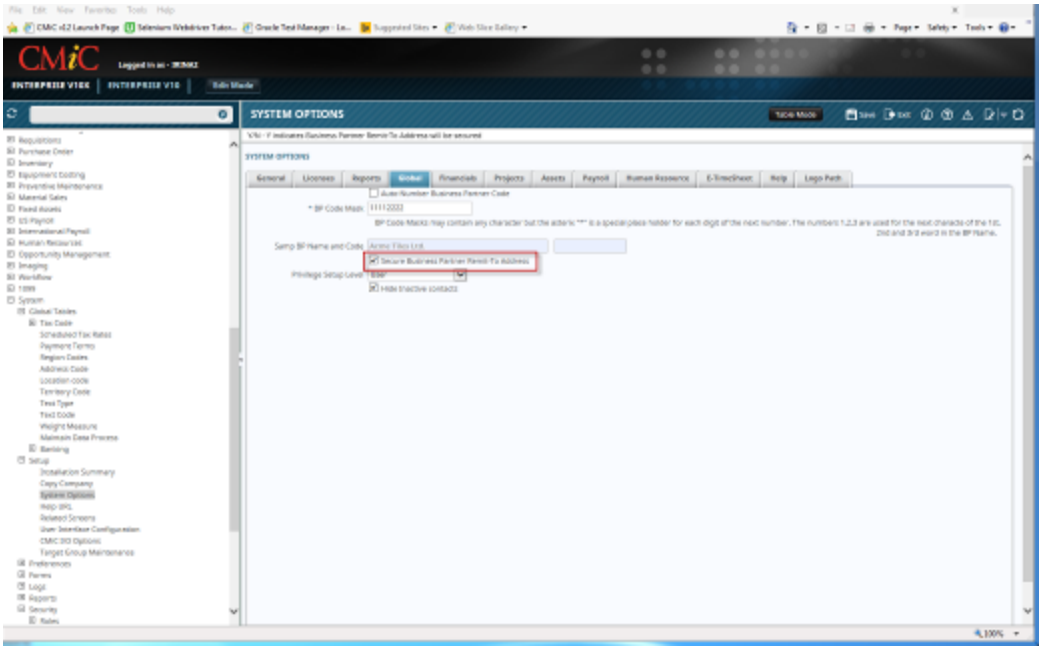
NOTE: The users without this privilege are still able to edit business partner alternate addresses that do not have the flag Remit-To checked though they cannot change the status of Remit-To flag.

Also the users without this privilege can create new business partner alternate addresses (where they did not exist). In this case the flag Remit-To (either checked or unchecked during the address creation) will become protected (disabled) immediately upon saving the record.

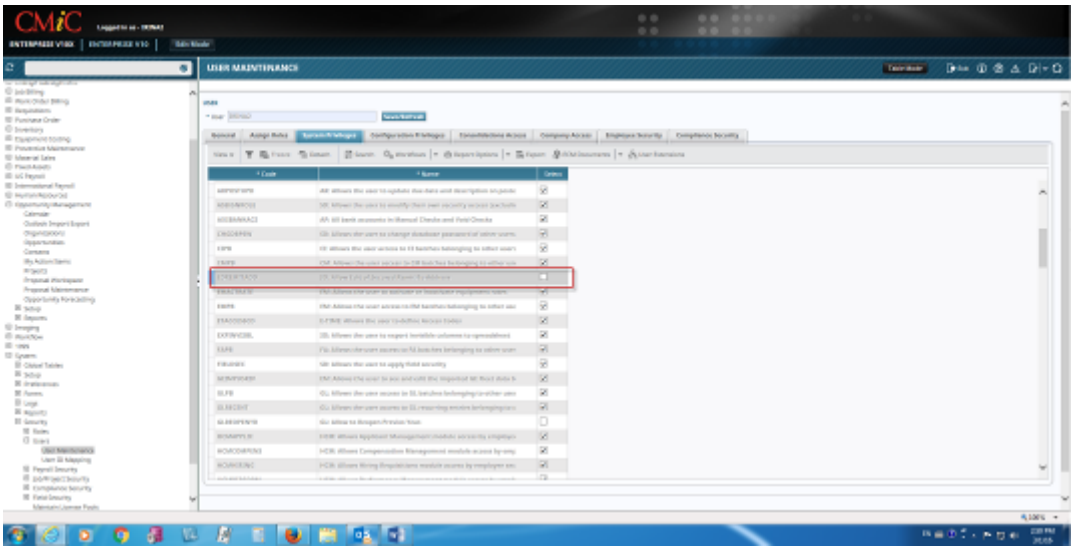
This new business logic affects Maintain Business Partner, Maintain Vendor, Maintain Customer, and Organization ADF programs.

Settings and Examples:

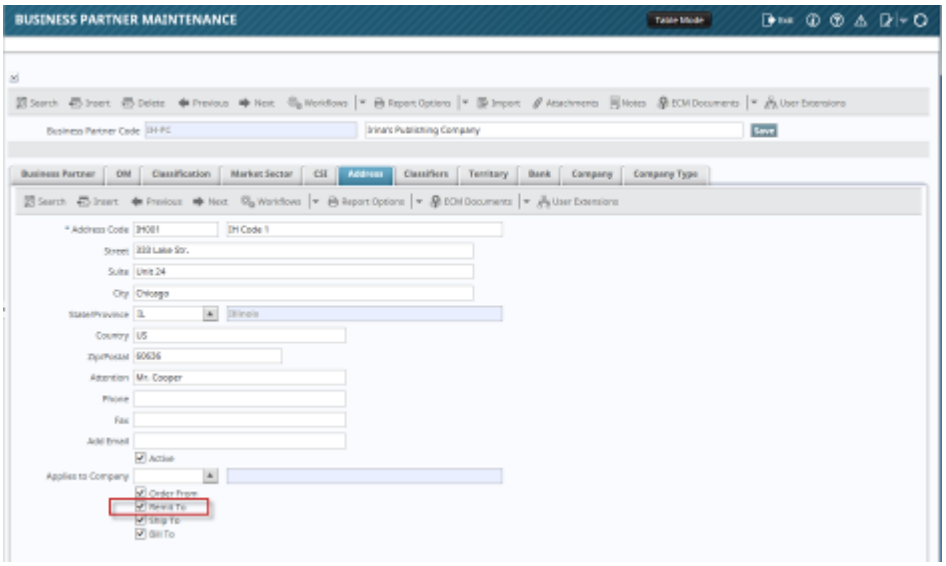
1. To check on/off the system option flag “Secure Remit-To Address” go to:
System -> Setup -> System Options -> Global tab:



2. To assign/revoke the new privilege “SYS-Allow Edit of Remit-To Address” to a user go to:
System -> Security -> User -> User Maintenance -> System Privileges tab -> EDREMITADD Privilege Code:



3. The Remit-To flag locates on Address Tab of the Business Partner Maintenance screen:



4. The business partner alternate address screen could be accessed via different programs:

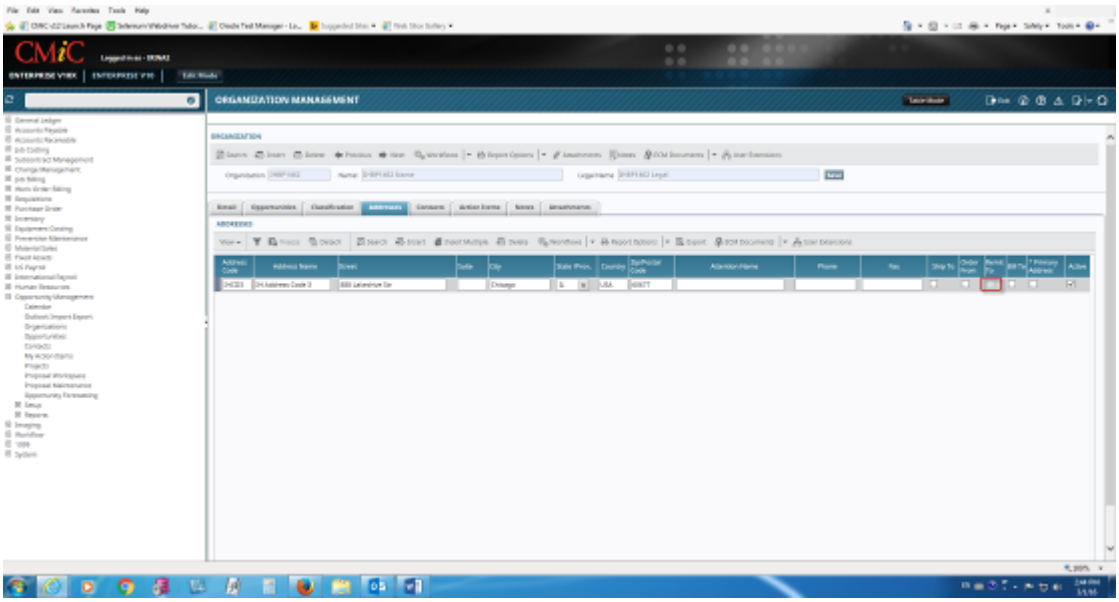
   a) Account Payable -> Setup -> Maintain Business Partners program -> Click Edit Icon next to the Business Partner Code -> Address tab

   b) Account Receivable -> Setup -> Maintain Business Partners program -> Click Edit Icon next to Business Partner Code -> Address tab

   c) Account Payable -> Setup -> Maintain Vendors program -> Click Edit Icon next to the Business Partner -> Business Partner Address tab

   d) Account Receivable -> Setup -> Maintain Customers program -> Click Edit Icon next to Business Partner -> Business Partner Address tab

   e) Opportunity Management (ADF) -> Organizations -> Click Edit Icon next to Organization -> Business Partner Address tab. In this particular case the screen has the same content but different appearance:

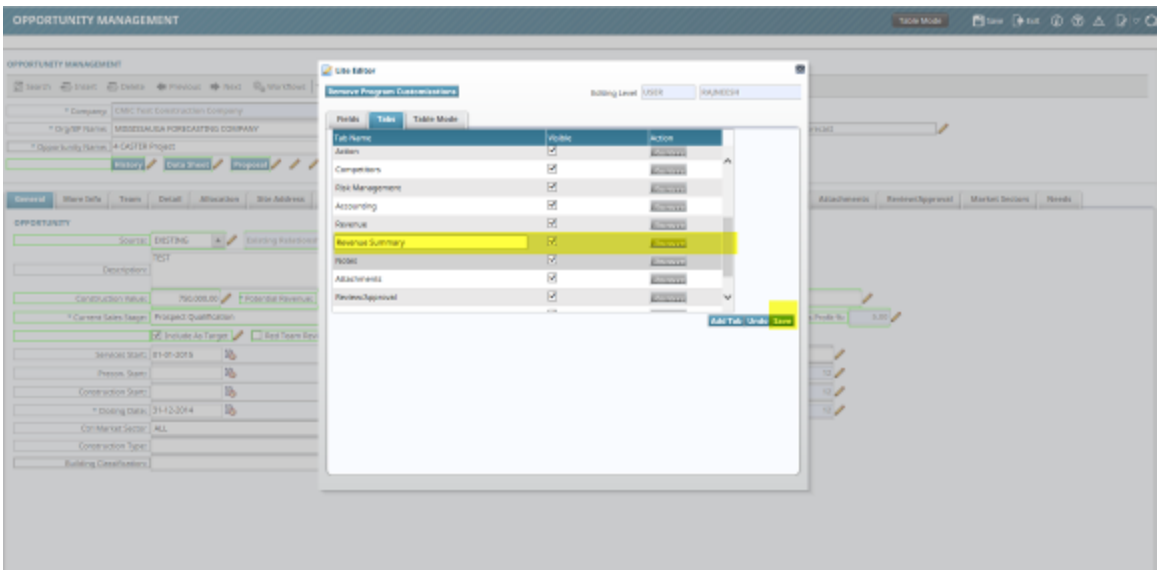


Regardless the program the user is utilizing to access the business partner alternate address screen the business logic remains the same.

New functionality summary:

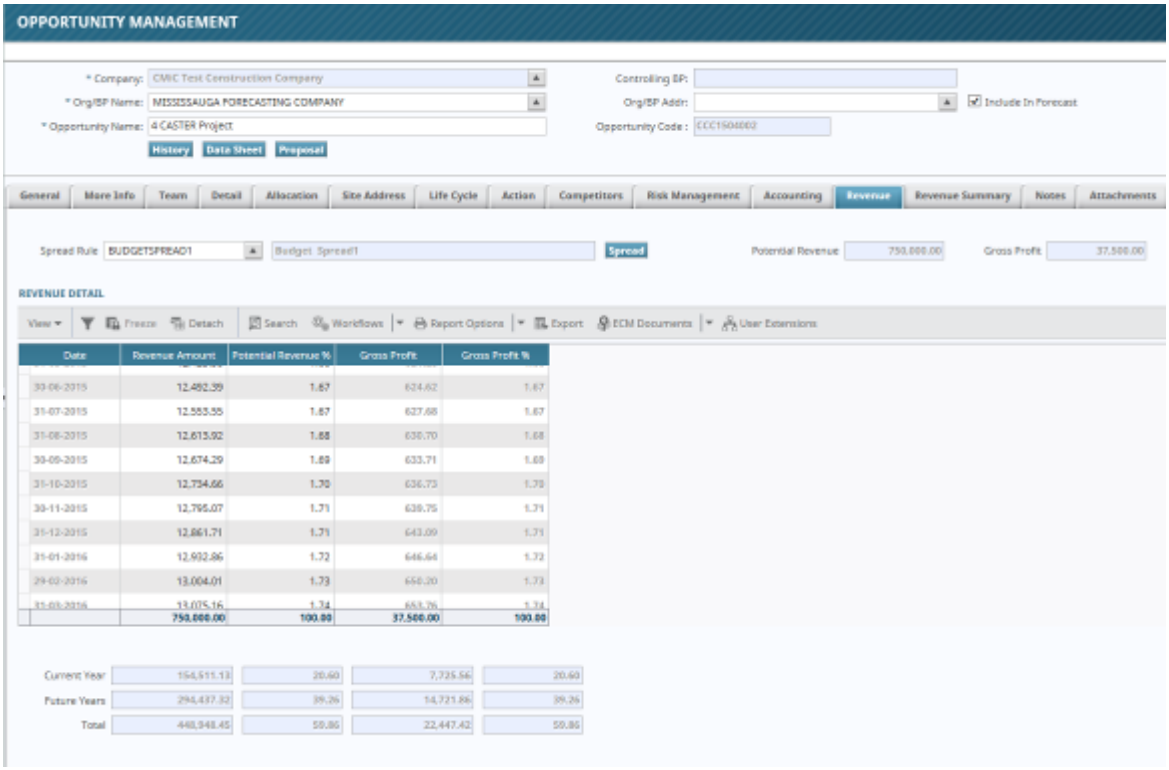
1. The new system option flag “Secure Remit-To Address” and a new privilege “SYS-Allow Edit of Remit-To Address” have been introduced.
2. When the system option flag “Secure Remit-To Address” is checked the business partner alternate addresses that have Remit-To flag checked become protected. In this case only the users with the privilege “SYS-Allow Edit of Remit-To Address” will be able to edit these alternate addresses as well as to check on and off the Remit-To flag itself.

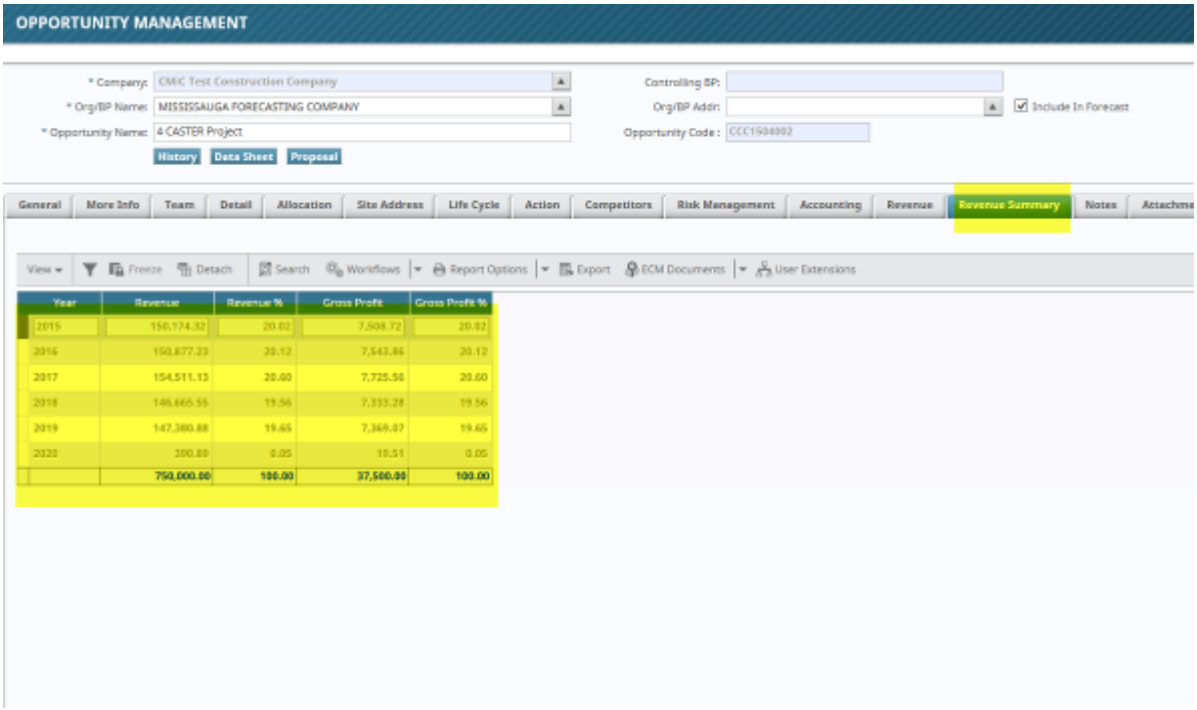
Revenue Summary Tab added to Opportunity Screen (17.29151)



“Revenue Summary Tab” is added to the Opportunity screen which is hidden by default. Users can use Lite Editor functionality to display this tab on the screen.

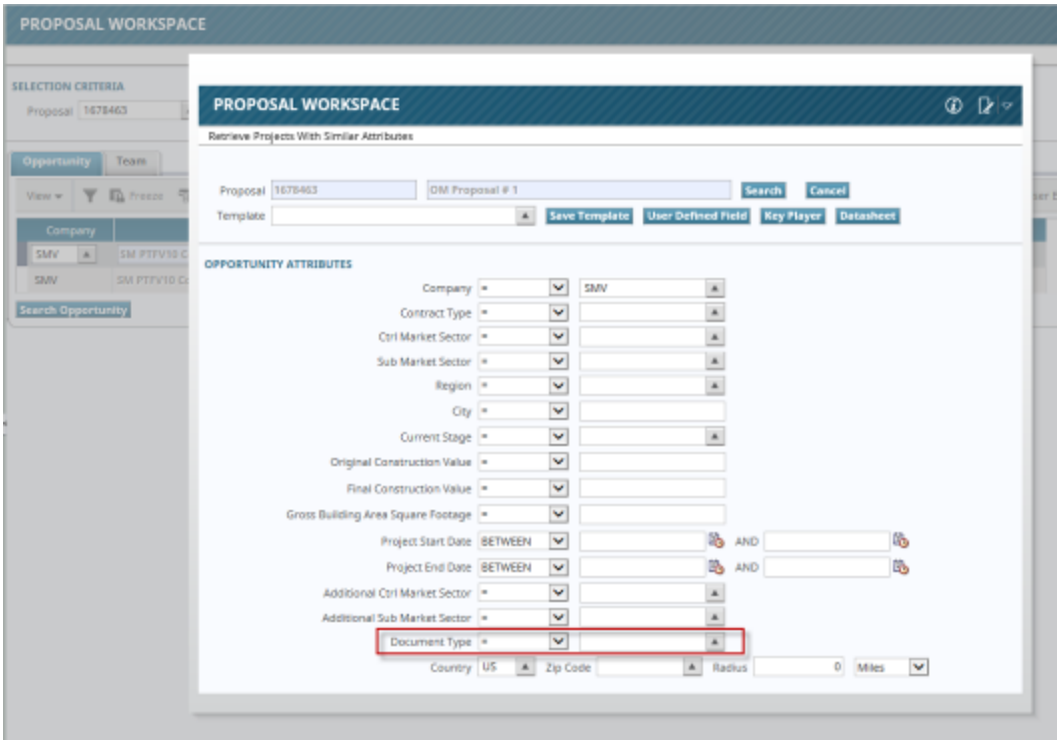
The data from the ‘Revenue Detail’ section on the Revenue Tab will be group by years and displayed under the Revenue Summary Tab.





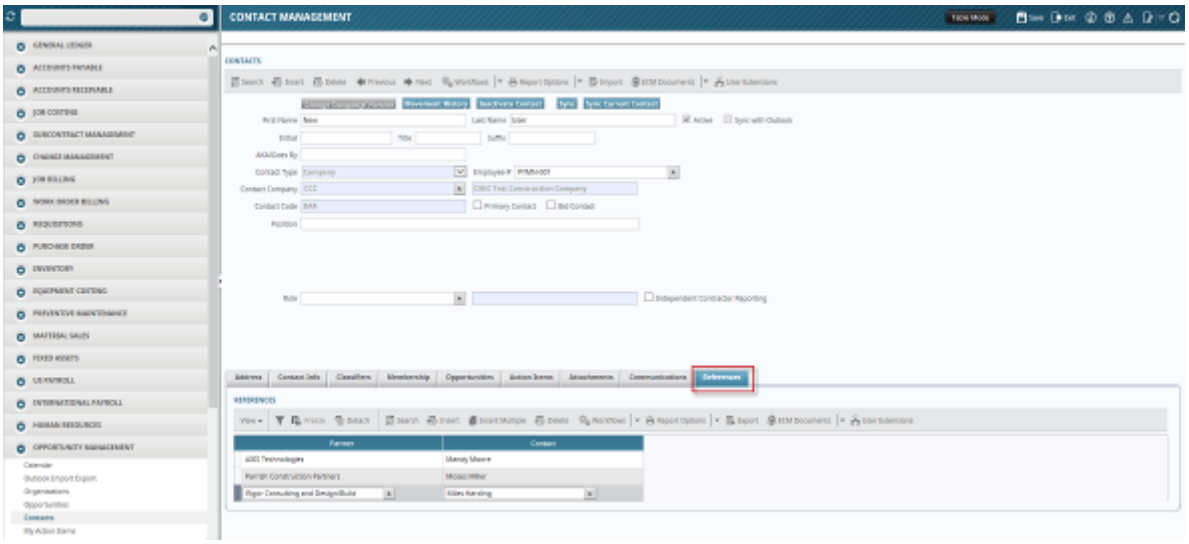
Data from the Revenue Tab is grouped by years and shown under Revenue summary Tab

OM Proposal Workspace - Document Type search parameter (16.28472)



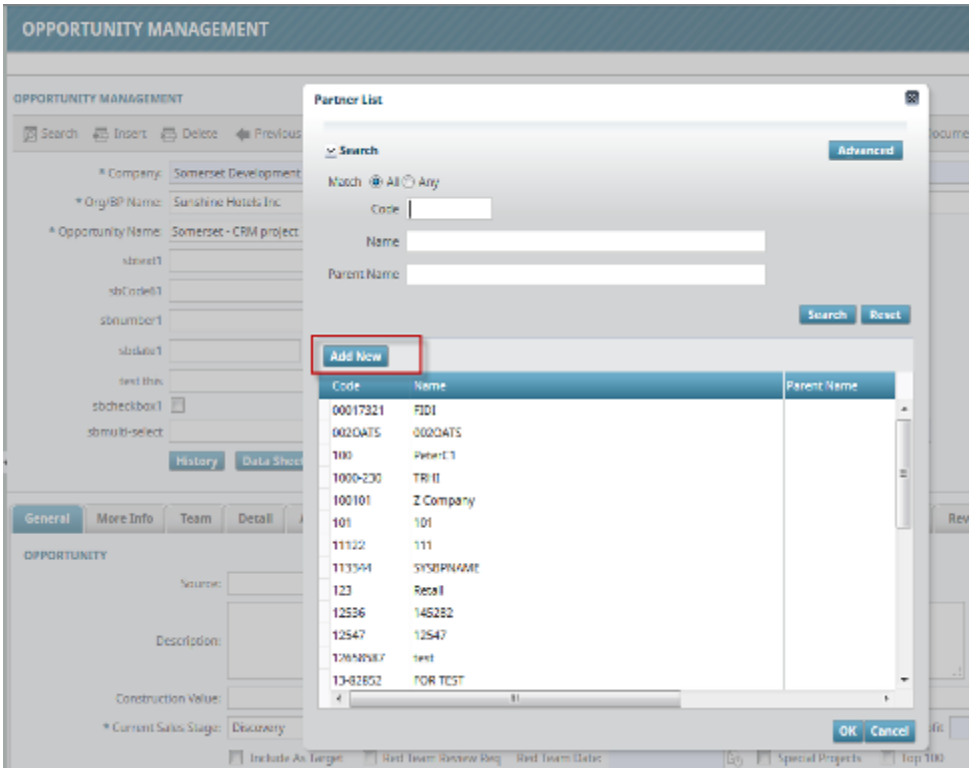
OM Proposal Workspace - An additional Search parameter for Opportunities has been added. It is Document Type.

Contact Management– Reference Tab (17.32394)



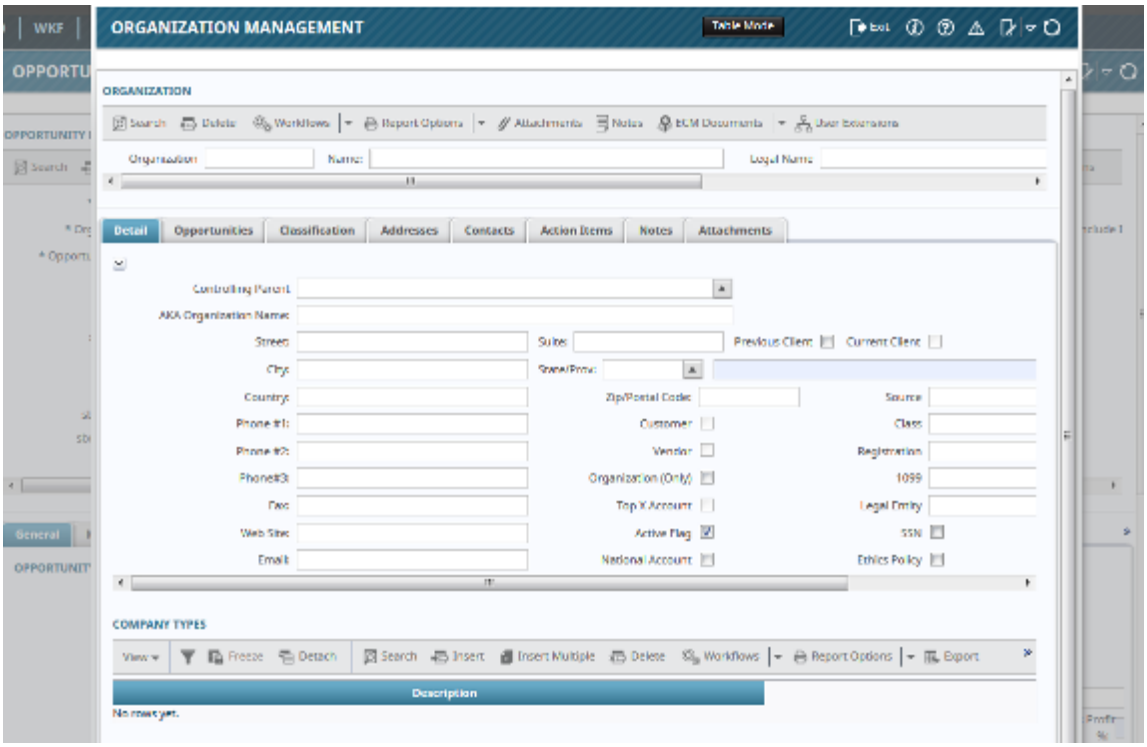
A "References" tab has been added to the OM Contact Management screen. It is used to display any contacts which can be used as reference for the current contact, and includes contacts from Organizations, Companies and Business Partners.

Add Organization ‘On the Fly’ in Opportunities (17.38882)

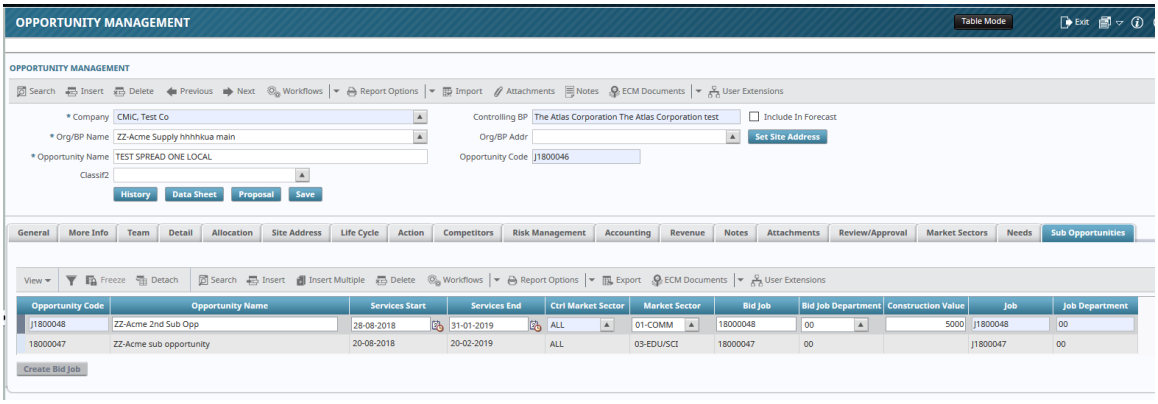


An [**Add New**] button has been added to the LOV of the Org/BP Name field in the Opportunity screen to allow the user to add an Organization ‘on the fly’.

When the button is clicked it will display the Organization Management entry screen for input:

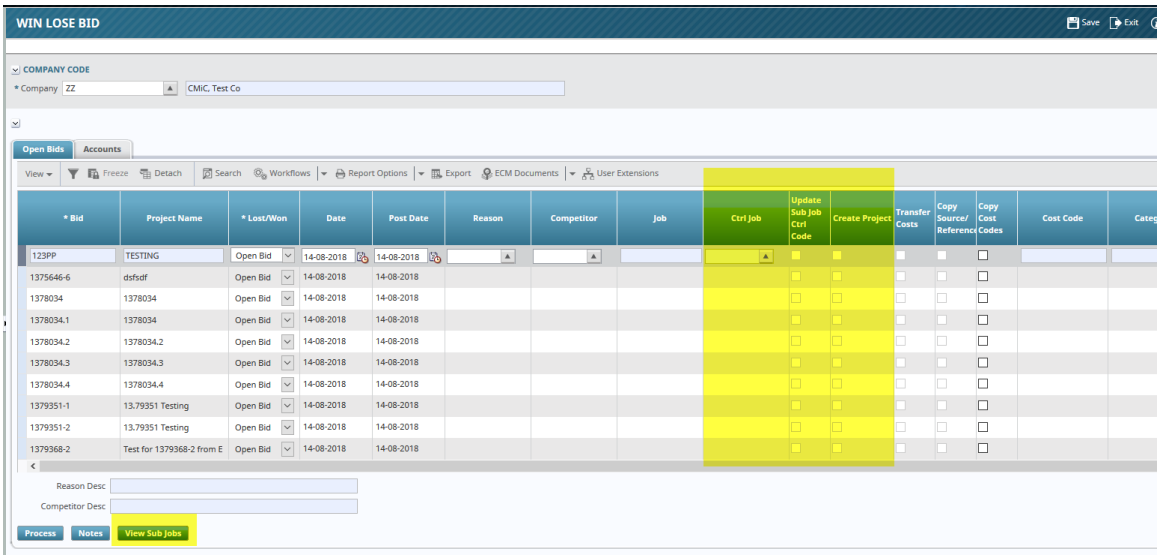


Sub Opportunities and Win/Lose Bid Jobs (18.49259)



- A new tab “Sub Opportunities” has been added to the Opportunities screen. It is hidden by default. Users can bring it to the screen using Lite Editor.
- Sub Opportunity can only be created after a bid job exists on the main opportunity.
- Auto numbering and auto create bid job options on OM Control can be applied to the Sub Opportunity.
- A bid job will be created upon saving if the ‘Auto Create Bid Job’ option has been turned on; otherwise, users will have to click on “Create Bid Job” button to create a bid job for the Sub Opportunity.

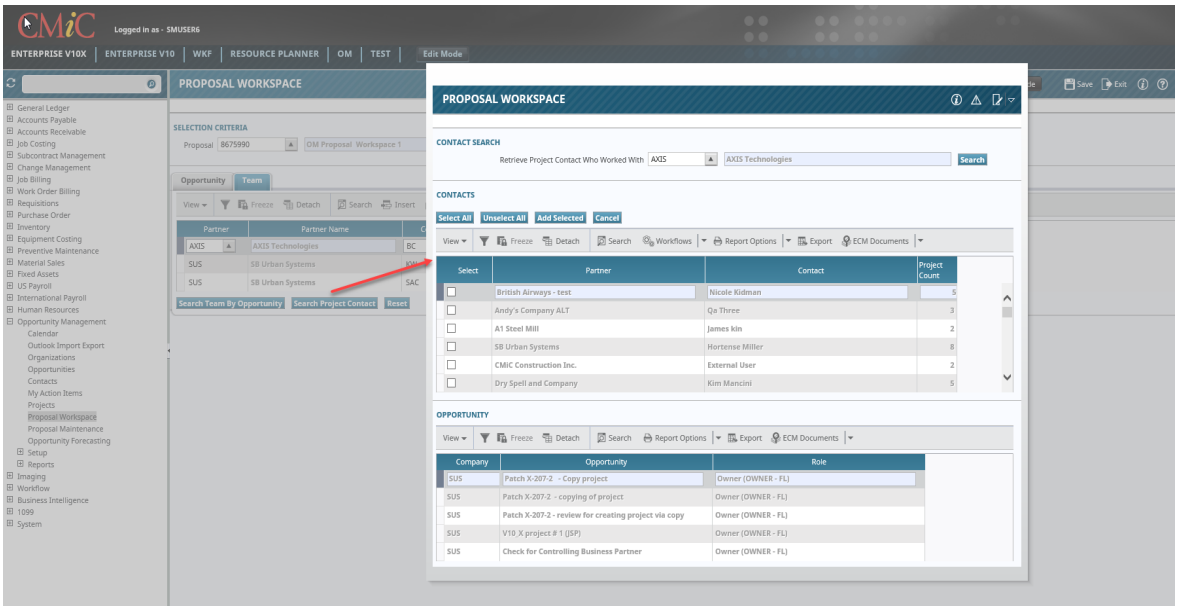
JC Win/Lose Bid ADF screen



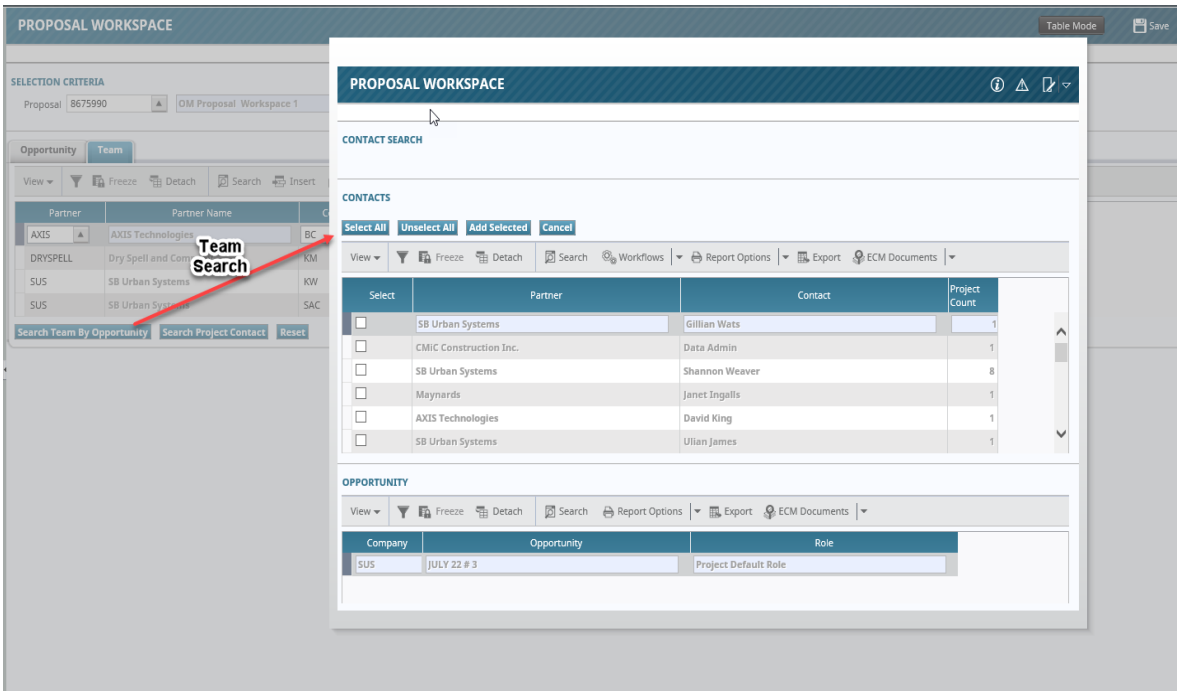
- There is one column “Ctrl Job”, two checkboxes “Update Sub Job Ctrl Code” and “Create Project” and one button “View Sub Jobs” that have been added to the “Open Bids” tab. They are hidden by default and can be brought to the screen via Lite Editor.
- The “Ctrl Job” field will only be enabled, when the “Bid Won” option has been selected. The default Control Job code will be the real job from the main opportunity if it exists; otherwise, it will be the bid job from the main opportunity. Users can always override it to “ALL” prior to starting the winning process.
- The “Create Project” checkbox allows users to create a project for the won job ‘on the fly’. It is only enabled with “Bid Won” option has been selected.
- The [View Sub Jobs] button will bring up the list of at least 1 **won** sub job that currently has the main *bid job* as the controlling job.
- The “Update Sub Job Ctrl Code” checkbox will allow users to update the controlling job of those sub jobs linked to the new won job. It is again only enabled, when the “Bid Won” option has been selected for the main bid job.

Proposal Workspace – Search by Project Contact (18.53283)

Proposal Workspace – changes have been made to search by Project Contact instead of by Key Player:



[Team Search] gives:



Payroll

Hour Types Not Linked to Leaves (11.60256)

Addition of a new flag on the company hour's type screen. The new flag will only be available for hour types which are NOT associated to a leave code. The reason it's not available for leave codes is due to the fact that system automatically handles those leave codes based on employee eligibility. Also, added a new trigger on the employee table. The new trigger will automatically add an Other hours code into "Exclude Other Hours" table for an employee based on the newly add flag.

All other hours code which are marked "YES" will be added to the tab when new employee is hired from Payroll or from HR.

Union Reciprocity (08.15397)

Ability to handle union reciprocity in the event a person works outside of their home local and has some benefits accrue to the work local and some remain with home local.

Daily Benefit and Deduction Types (08.26533)

Added the Daily benefit and deduction types to the Master, Company, Employee and Union level for processing the benefit/deduction.

WBS (PCI) fields included in Timesheet Import (08.28871)

Addition of fields for WBS Import inclusion in the Timesheet Import (PYIMPTIM).

Oracle Timesheet Import – Pay Rates added (08.24337)

Added 4 new rate fields to the oracle import table: Regular Rate, OT Rate, DT Rate and OTH Rate. The oracle import data validation routines will make sure that if the Rate fields are not null - they are not a negative number. These four new rates have also been added to the 'Review' page of the Oracle Timesheet Import program.

The create timesheet routines used by the Oracle Import program were also changed so that if the rate is NOT null the rate from the Oracle Timesheet will be utilized instead of looking up the rate as per the employee/payroll setup.

Certified Payroll Report – Davis Bacon Compliancy (09.31984)

Created a new Certified Payroll Report that is Davis Bacon compliant. Also changed the printing so that a Pay Group can be entered on the launch screen.

Direct Deposit Email Option (08.24728)

1) Added a new field to the **Employee Profile – Rates/Salary** tab that indicates the preferred method for receiving Direct Deposit stubs. The field is labeled '**Preferred Method For Direct Deposit Stubs**' and is a drop down list of the following values - Email, Mail or None.

2) Also added the field '**Direct Deposit Email**'. This field is mandatory if the preferred method select is 'Email'. Changing the employee direct deposit printing method and email account of existing employee records is done via the **Employee History** screen which now has these fields as well. The new fields are not updateable on the Employee Profile screen. Any changes will also be reflected on the **Employment History Adjustment** screen.

3) The direct deposit stub printing routines have been changed:

    a) to use these new fields and send Email where required instead of printing

    b) if the user selects to print using the 'PREVIEW' method all stubs will print.

NOTE: The direct deposit stub is sent to the email address indicated if the 'Printer' option is selected during printing. Selecting 'Email' will create an email with a PDF attachment.

Job Burden Allocation – Phase Code (09.32815)

The Job Burden Allocation screen now has a Phase Code column which is available on each tab. Payroll Processing and Labor Transfer routines have been modified accordingly.

Hour Type for Overhead Rates (09.34647)

Addition of Hour Type to the Payroll Overhead Rates definition screen so that users can define different overhead rates/percentages based on category and hour type.

The column has been initialized to '*', to mean "all hour types", for existing records, to preserve records as they were before (and to maintain current functionality for other clients). The field has a list of values (LOV) from which the user can select and change the value (double-click in the field).

NOTES:

- If overhead rate table has NO rate entries by hour type, then overhead calculation is same as costing. This will preserve original overhead calculation method for existing clients.
- If there is even one overhead rate by hour type, then overhead is always calculated by hour type.

Separate Direct Deposit Bank Account on Pay Group (09.32048)

This allows users to set up a separate bank account for direct deposits if it's not the same as the checking account.

This is facilitated through the addition of a Direct Deposit tab on the Pay Groups Maintenance screen:

When the flag '**Separate Direct Deposit Bank Account**' is checked, the fields that follow are enabled for entry. The Credit Account Code field is read-only but is populated upon selection of the Bank Account Number.

When the flag is un-checked, the system behaves as it did before (that it, direct deposit and checks from the same bank account).

Changes to Direct Deposit Stubs (09.35678)

The following information has been removed from the standard PY Direct Deposit Stubs. Items 1 thru 5 are for all stubs regardless of email or printed.

1. Remove Social Security # (including box title)

2. Remove any bank account information (including routing number).
3. Change first name to be first initial: John Jones becomes J. Jones (NOTE: name appears in multiple locations)
4. Do not print any middle name, if doing so now.
5. Remove any prefixes, if doing so now (Mr., Ms. , etc.)

This refers to email only: When sending direct deposit advice via Email, remove complete mailing address.

Payroll Deduction Adjustments – Employer Portion (09.33814)

Added a new functionality, to allow users to adjust the employer portion of deduction amount. The Adjustment screen now has a new flag called **"Employer Portion**" for Deduction type to adjust only employee value, or only employer value or both. Employers adjustment is only applicable if the deduction does have employer portion set up on the Company.

Prevailing Wage Fringes and Differential (09.30596)

Made changes to accommodate prevailing wage setups for mechanics and drivers, including related changes to Benefits and Deductions.

Added a new column BEN_ALLOCATION_METHOD and DED_ALLOCATION_METHOD that allows the user to override the default method of pro-rating for job allocation (does not apply for prevailing wage benefits).

Options are:

- Default Method (retains existing functionality whereby it uses Base Code to determine method)
- Base Wage
- Hours Worked
- Hours Paid

Added new form, to set up prevailing wage differential destination benefit for each pay group.

New form to identify the payroll fringes and comparison benefit needed for the calculation of prevailing wage differentials

Changes for Crew Timesheets for Truck Drivers and Prevailing Wage (09.36453)

1. Employee Profile and Employee History

The Employee Profile and Employee History allow the entry of the 'Costing' job on the Rates/Salary tab even if the employee is checked as 'Dispatch'.

2. Removal of Employee from Dispatch

If the employee is removed from Dispatch (via Employee History), the 'Costing' job/phase/category fields (highlighted in the print above) are cleared from the screen and a warning message is displayed.

3. Changes to Crew Timesheet

a) If the employee is a dispatch employee and has a 'Costing' job defined, the top section of the Crew Timesheet will be populated using the employee Costing job.

b) Added Dispatch Job field with an LOV. The 'Dispatched To' job field will be blank and have an LOV that will list all 'Dispatched To' jobs for the day.

If the driver was dispatched to 3 jobs then the top of the screen will have 3 columns filled in each with the same costing job.

The user will also be able to add extra columns to the crew timesheet if required.

The system will store the "**Dispatched To**" job in the timesheet table columns for Prevailing Wage Company and Prevailing Wage Job if the "Dispatched To" job was a prevailing wage job.

Timesheet Posting

Payroll Timesheet posting routines have been modified to update these fields (Prevailing Wage Company and Prevailing Wage Job if the "Dispatched To" job was a prevailing wage job) during posting for timesheets that are straight E or J types and for timesheets that are WO types related to Equipment or Jobs.

Payroll Processing

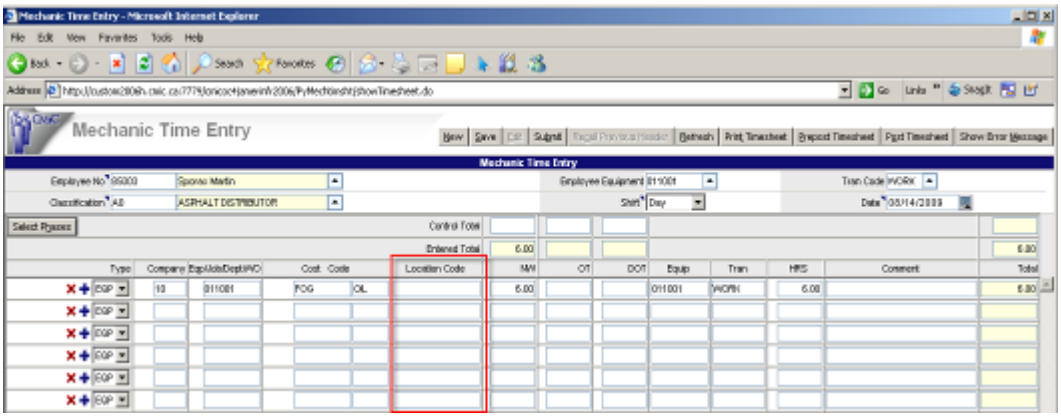
Payroll processing routines have been modified to use the fields (Prevailing Wage Company and Prevailing Wage Job if the "Dispatched To" job was a prevailing wage job) to determine if prevailing wage benefits or deductions are required to be processed.

Certified Payroll Reports

Certified Payroll Reports have been modified to accommodate these changes as they relate to Prevailing Wage.

Applying Prevailing Wage to Equipment or Work Order Based Time (09.34075)

Addition of Equipment Location Code to Mechanic Time Sheet:



Location will default to the last location for the day. The LOV is split into two sections: Locations for the day and All Other locations.

The Timesheet Posting, Payroll Processing routines and Certified Payroll Reports have been modified to accommodate these changes as they relate to Prevailing Wage.

Burden Charges to G & A Department (09.37097)

Added the ability to allocate G line overhead burdens to the same department as the originating labor cost.

To accommodate this change, modifications have been made to maintenance screens for Benefits, Deductions, Taxes, Workers' Compensation (WC) and Public Liability (PL). In addition, Payroll Processing has been modified to handle this new functionality.

Added the new checkbox "**Department Allocation**" to the Benefits, Deductions, Taxes WC and PL. When checked, the defined benefit will be allocated to the timesheet department. It does not apply if the benefit is a calculation benefit.

For taxes, it is only valid if the tax being defined is paid by the employer.

Equipment outside of Employee Company allowed on Timesheet (09.32073)

Changes have been made to allow equipment outside of the employee company or the job company during standard timesheet entry.

Job Burden Allocation by Category (09.40079)

Added the following fields to the Job Burden Allocation screen for all the tabs (Benefits, Deductions, Taxes, Workers' Compensation and Public Liability):

Source Side	***Destination Side***
Phase Code	Phase Code
Category Code	Cost Pool Allocation Job

The Source Category field is used to capture the Labor Type transactions which are designated based on the type of Payroll Burden allocation that is required, relating to the three Burden Methods (Standard Rate, Standard Method, and Direct Cost) that are going to be utilized during timesheet entry.

Destination Side:

- **Phase Code** = the phase code to use for burdens; leave this field blank if you want burdens to go to the Time Entry phase
- **Category** = the category code to use for burdens; leave this field blank if you want burdens to go to the Time Entry category
- **Cost Pool Allocation Job** = job to use for burdens; leave this field blank if you want burdens to go to the Time Entry job

Processing

An "after posting" routine kicks in after the Final Payroll Posting has been completed. This routine transfers the burden transactions posted to the Destination Category to the Cost Pool Allocation Job by **crediting the actual job and debiting the Cost Pool Allocation Job**. This eliminates the need to create a Cost Pool to move the costs and keeps the 'History' of the burden transactions instead of a summarized transaction that the Cost Pool would create.

Both the Cost Pool Allocation Job, and the Destination Category can be utilized for comparative analysis between the Payroll Burden posted to the Timesheet Job, and the Actual Payroll Burden Cost posted to the Cost Pool Allocation Job.

Pre-requisite for transferring burdens to Cost Pool Allocation Job

Create Cost Pool Allocation job that has phase/category that is similar to the Destination phase/category for the burdens.

Employee Termination at Actual Date (09.37147)

Modified the Employee History form to allow user to terminate an employee using the actual termination date even though future historical records already exist.

EFT Format for Payroll – Compass Bank (09.36148)

Changes have been made to the ACH and ACH INTERNET (ACH – Secure File Transport) formats for Compass Bank, to look at the Customer ID first from the Bank Account Setup, then the PY Control Customer Id and then the PY Control Fein Number. If the Customer Id is set in the Bank Account Setup, it can be a maximum of 10 characters.

New Positive Pay File Format for Bank of America (09.42378)

Added a new positive pay file format for Bank of America for Payroll.

Job Burden Allocation – Copy Function (09.42047)

1. Added the '***Limit Query to Job***' to allow user to select the job for which records are to be shown.

2. Added the '***Include Subjobs***' checkbox to indicate whether sub-jobs are to be listed as well, based on the job that is entered. Otherwise, if no job is entered, sub-jobs are listed whether or not the flag is checked.

3. Added the **[Copy Job Allocation]** button to the Job Burden Allocation screen. This button allows the user to specify from which Company/Job to which Company/Job burden allocation can be copied. Only records with **valid** source job/phase/category will be copied to **valid** destination (job/)phase/category.

When the copy selection '**Copy All Burden Allocation Records**' is chosen, the copy process will add new records and replace existing records if the *source* phase/category combination already exists for Benefits, Deductions, Taxes, Workers' Compensation, Public Liability.

When the copy selection '**Copy New Burden Allocation Records**' is chosen, the copy process will create a copy of the allocation if the *source* phase/category combination does not already exist for Benefits, Deductions, Taxes, Workers' Compensation, Public Liability, and the destination (job/)phase/category is valid.

Effective Date for Payroll Overhead Codes (09.41994)

Added the ability to assign an effective date to the detail records of the payroll overhead codes, thus allowing users to assign multiple records for the same combination of parameters based on effective date. This effective date is taken into consideration when posting timesheets, and when making Labor Transfers, the system looks at the effective date to re-calculate the overhead posting.

Summary of Changes

1. PY Control – General tab

Added new checkbox "**Overhead Summary**". This box is only available when the 'Calculate Overhead' checkbox is checked. When checked, timesheet posting will post the payroll Overhead in Summary by Job/Phase/Category.

2. Setup Overhead Rates screen

Added the Effective Date field to the details section of the Payroll Overhead Cost Rates screen.

3. Processing

The system will look at the Reference Date from the JCDETAIL table to find the rate/percent for the overhead calculation. The reference date in JC goes from the timesheet table based on the method of JC posting setup under the Payroll Company Control screen (new checkbox mentioned above).

Pay Rate Premiums on Normal Hours (09.43410)

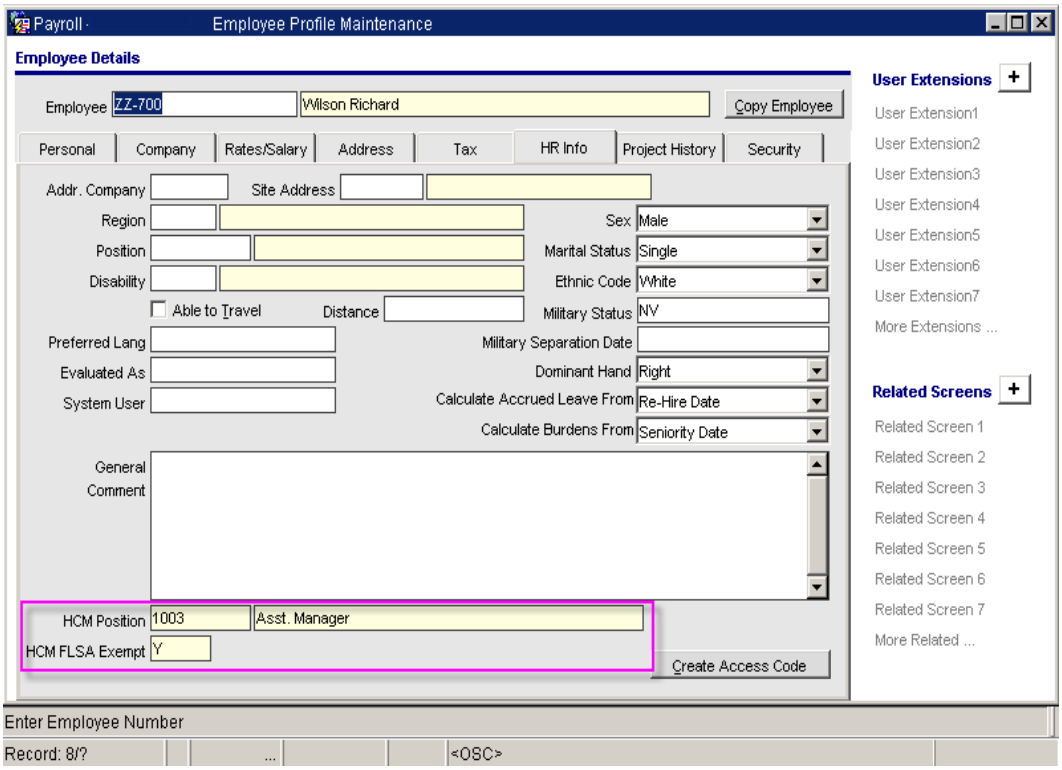
On the Payroll Company Control file - Changed the **Use Charge Rate Multiplier** and **Use Billing Rate Multiplier** fields from being checkboxes to drop-down lists having the following options:

- NONE
- Normal Hours Only
- All Hour Types

The bill rate is always based on the charge rate setup in the Payroll System, not on the pay rate.

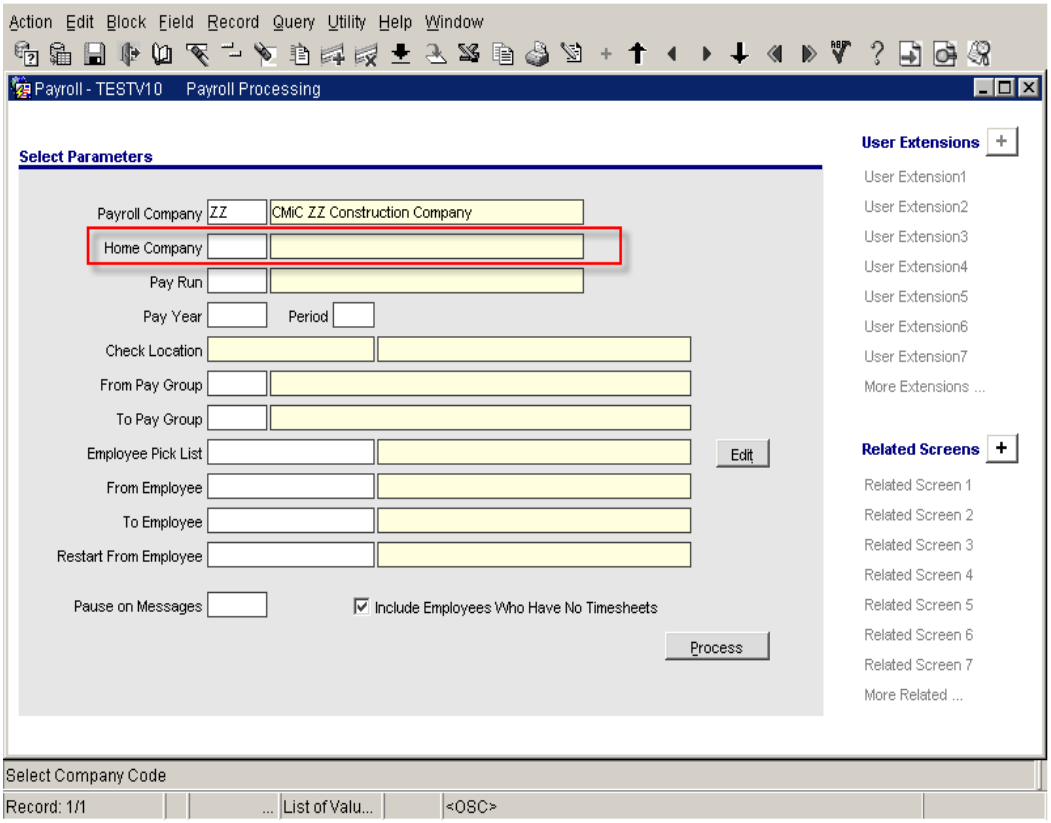
The options selected are used to determine the multiplier calculation to use for billing rates.

FLSA Info on Employee Profile (09.37508)



Added the three fields: HCM Position, Position Name and FLSA Flag to the HR Info tab of the Employee Profile screen. These fields are information-only and are taken from the Employee Position record in HCM.

Home Company added to Payroll Processing (10.46984)



Added the **Home Company** field to the launch screen for Payroll Processing. If the Home Company is entered, it will restrict all other criteria to only those employees who belong to the home company entered.

WC Dual Wage Level Classification (10.47275)



The **Dual Wage Level Classification** provides a method for reporting workers' compensation payroll. While the descriptions of the operations remain the same, each classification has two codes, depending on the regular

hourly wage paid to each employee in any given pay period. For example, if you are a painting contractor, you will report your employees' payroll as follows:

- a) ***Code 5474, Painting*** – All employees whose regular hourly wage is $23.99 or less per hour.
- b) ***Code 5482, Painting*** – All employees whose regular hourly wage is $24.00 or more per hour.

To determine the classification code for salaried employees, divide their earnings by the number of hours in the salary period.

In order to implement this requirement in CMiC, a new form has been created: Dual Wage Level Classification, which is accessed by the path:

All workers compensation codes need to first be defined in the Workers Compensation Codes Maintenance screen.

Once that is done, the Dual Level Wage Level Classification screen must be used to define the Higher Rated and Lower Rated WC Codes, the Effective Start Date, and the Hourly Rate that is applicable for each classification.

PROCESSING

A new process has been created that will run prior to posting timesheets.

This process will find any timesheet record that has a Higher Rated WC Code listed in the Dual Wage Level Classification screen and then run a routine that will:

- Get the timesheet hourly rate
- Calculate the total Fringe Benefits per hour and add it to the timesheet hourly rate
- Compare the New Hourly Rate to the Hourly Wage of the Higher Rated WC Code. If the New Hourly Rate is greater than or equal to the Hourly Wage, the system will update the timesheet WC Code with the Lower Rated code.

Expiry of Carry Forward Days for Leaves (10.46996)

The following changes have been made to facilitate the above requirement:

1. Company Leaves Maintenance

Days C Forward Expires has been added to the Company Leave Maintenance screen.

- If leave days can be carried forward to next year, this defines the number of days after which the Carried-forward Leave Days will forfeit if not used.
- Just like the Max C Forward field, this becomes irrelevant and will be superseded by what is defined in the Table Base, if a Table Base is defined for this Leave Code, on the Advance Setup tab.
- This is based on **Calendar Year**, unless superseded and defined otherwise on the Table Base definition.

2. Benefit/Deduction Table Base Maintenance

Carry Forward Expires (Days) column has been added to the Benefit/Deduction Table Base Maintenance screen.

- This takes precedence over what is defined in the Company Leave Maintenance screen, and could be based on **Years** or **Years of Service**.

3. Employee Leaves Maintenance

Two columns have been added to the Employee Leave Maintenance screen:

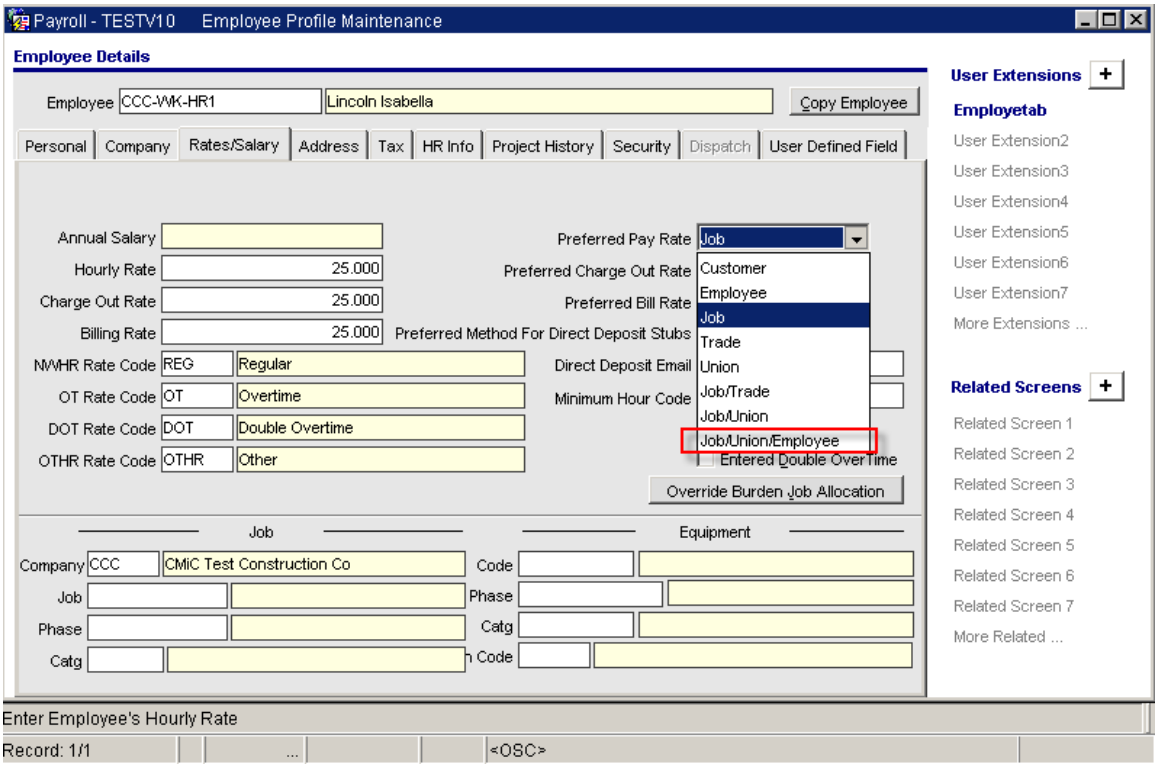
i) **C.Frwd Expire Date** is calculated at the same time as when the **C.Frwrd Hours** is calculated, i.e. during the running of the **Move Carry Forwards to Next Year** Utility.

ii) **C.Frwd Expired Hours** is calculated in the Job Queue – **Nightly Payroll Carried-Forward Leaves Expire** - which should be set up and enabled to run nightly (see below).

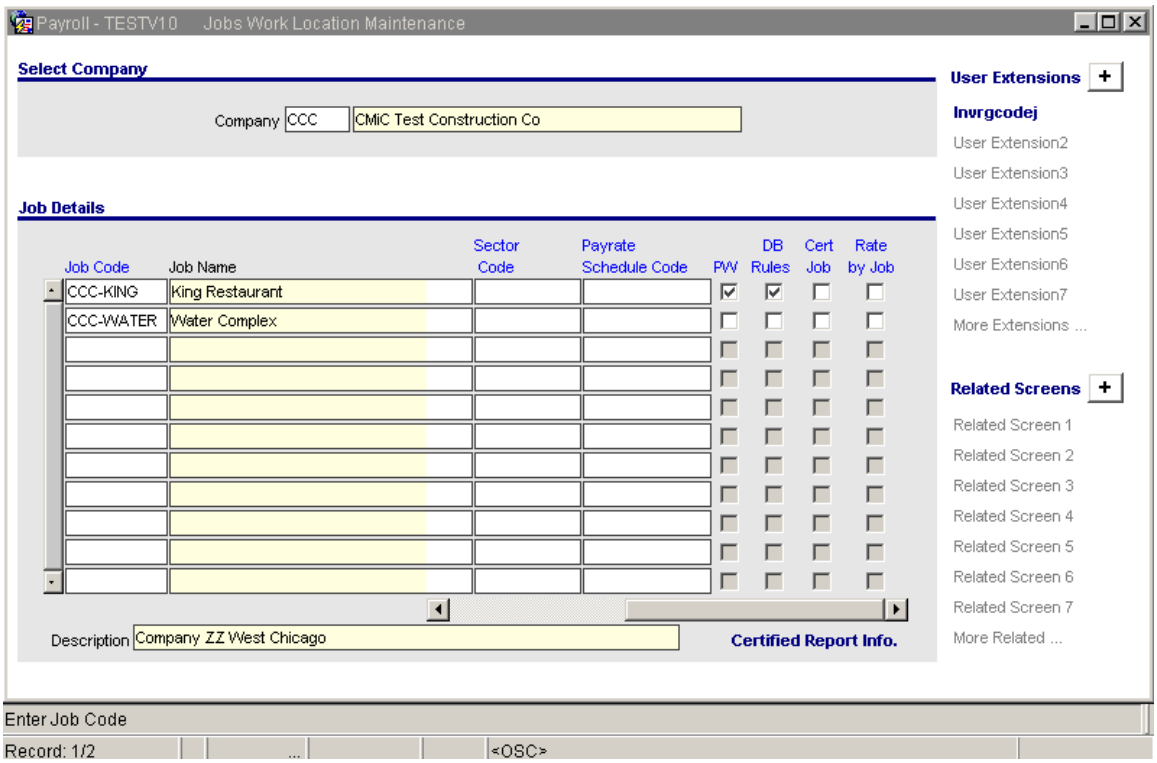
4. Nightly Payroll Carried Forward Leaves Expire

During the running of the Job Queue – **Nightly Payroll Carried-Forward Leaves Expire** - Leave Codes that have reached their Expiration Date, will have their C.Frwd Hours moved to C.Frwd Expired Hours – Net of what is used - that means C.Frwd Hours will only expire if they have not been used.

PW Rate Functionality (10.54032)



A new Preferred Pay Rate option has been added – Job/Union/Employee.



If the Davis Beacon flag is not checked, then the rate hierarchy would be job first, then union, then employee.

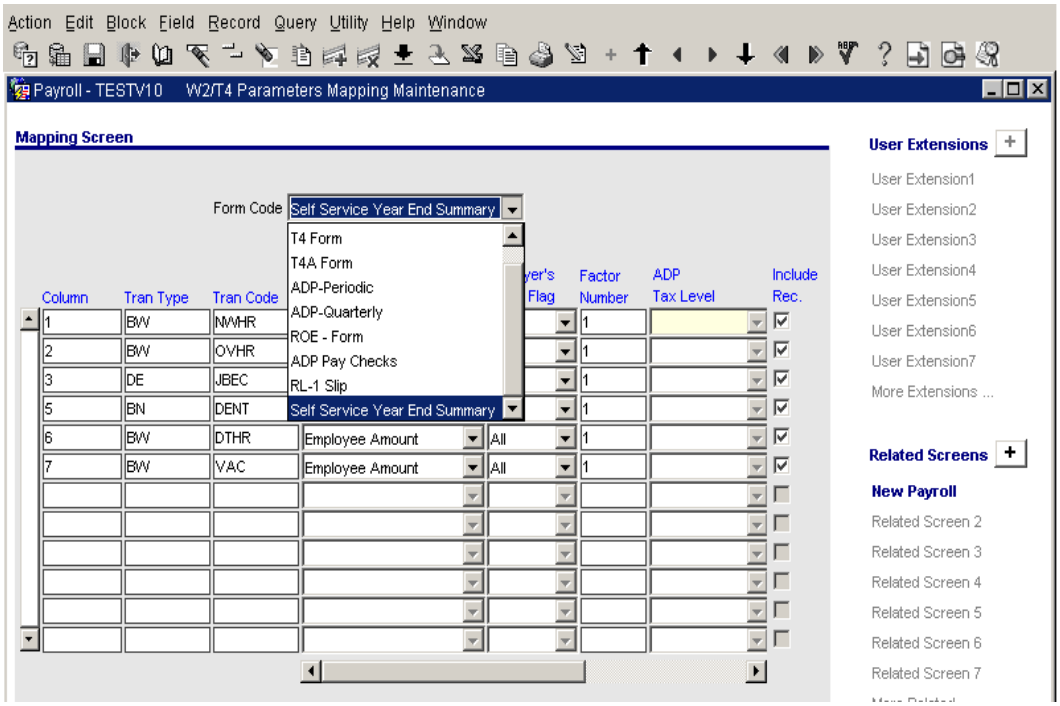
For Davis Beacon jobs, the system will look at all three rates and select the highest to pay the employee. Also, the timesheet will record the generic job level rate, i.e. the rate defined on the job/trade in Job Pay Rates, as the prevailing wage rate to compare the PW benefit differential calculation at the time of payroll processing. (The Prevailing Wage Job Rate used in the calculation of the Differential Rate is determined by the Prevailing Wage Pay Rate + PWF Fringe Rate).

Job Cost Allocation Should Match Cost Allocation (10.53586)

For Union benefits (non-lump sum): When job allocating union benefits, system will now only allocate to details that have the same Union Code and Work Location Code for which the amount was calculated on, rather than standard method which allocates across all details.

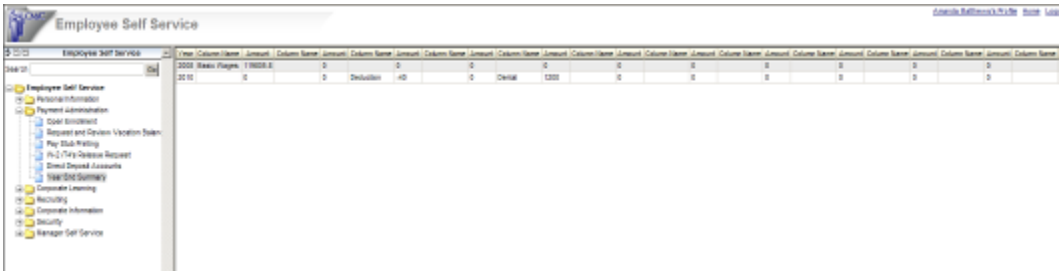
Base Code Allocation: Added the option to job allocate benefits and deductions according to their user-defined "base code".

W2 Mapping for ESS Year End Summary (10.46987)



The entry 'Self Service Year End Summary' has been added to the list of Form Codes on the W2/T4 Parameters mapping screen in Payroll.

Use this screen to indicate the columns to be shown on the Employee Self Service Year End Summary:

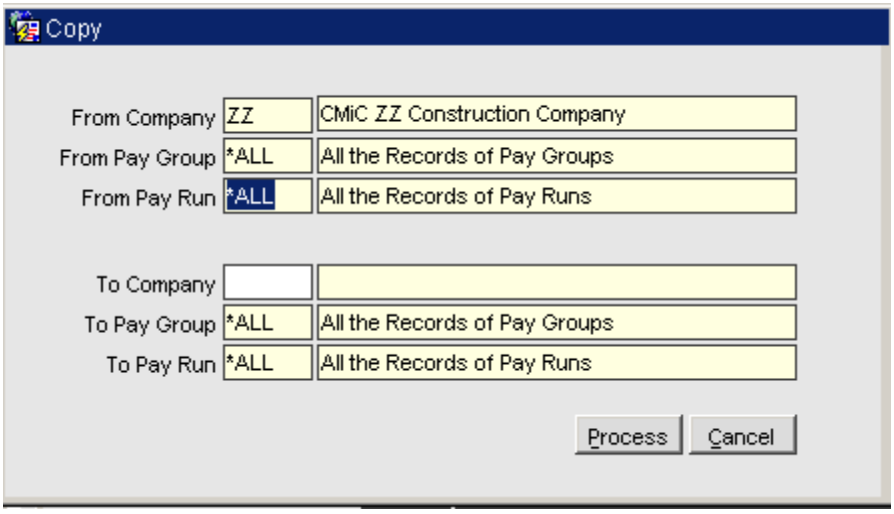


Payroll Master Files Copy Function (10.48894)

The **[Copy From]** button has been added to the following screens to allow copying from the current record to target records depending on the target parameters:

- Company Leaves Maintenance
- Company Taxes Maintenance
- Taxes By Work Location
- Union Benefits Maintenance
- Union Deductions Maintenance
- Union Pay Rates Maintenance
- Workers' Compensation Maintenance

The Copy From popup is similar in all cases:

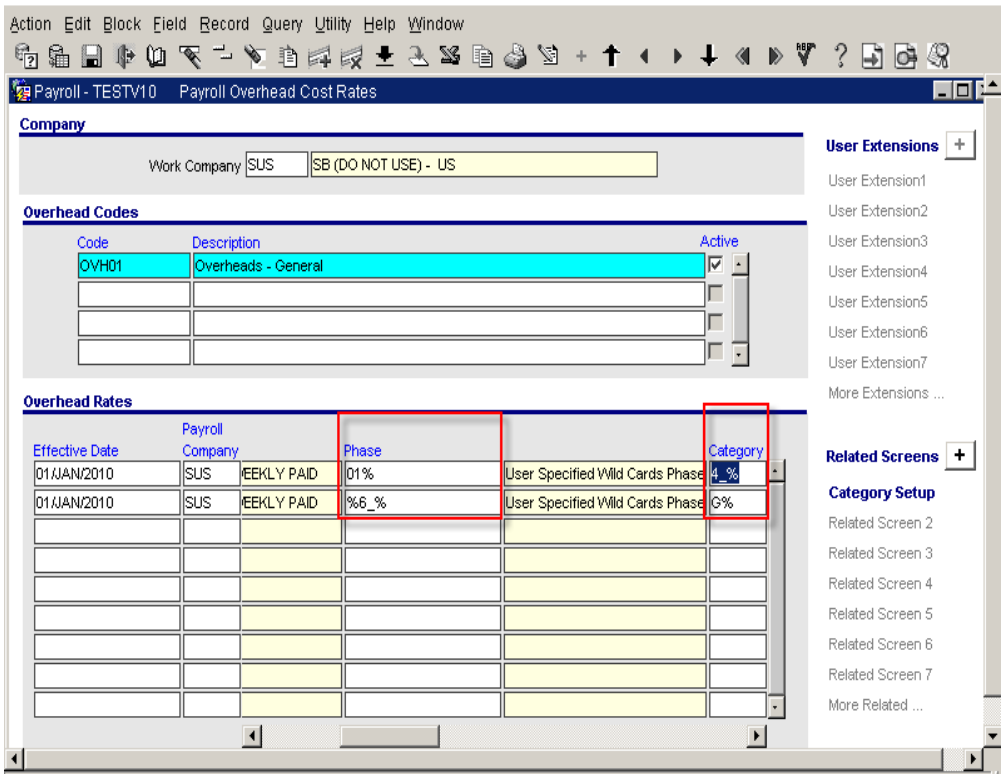


Overhead Rates – Wildcards and Dept Options (11.55297, 11.55300)

Summary of Changes

1. Using Wildcard Characters in From Phase and From Category

Made changes to the Payroll Overhead Cost Rates to allow the entry of Oracle wildcard characters '%' and/or '_' in the From Phase and/or From Category:

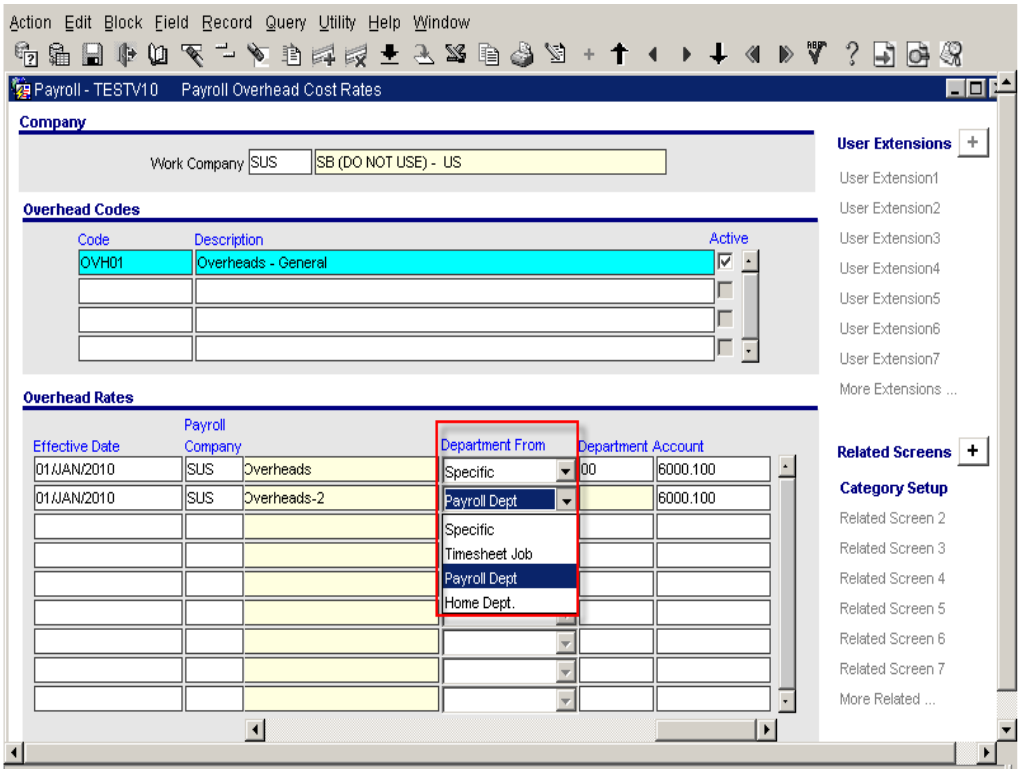


Changes have been made to the associated procedures to handle the use of these wildcard definitions in the Phase and/or Category.

If the wild cards are too generic and return more than one match, the first match is used in the processing function.

2. Department Options for allocating Overheads

Added the 'Department From' drop-down list to allow the user to select whether the department to be allocated the overheads is Specific, Payroll Dept., Timesheet Job department or Home Department:



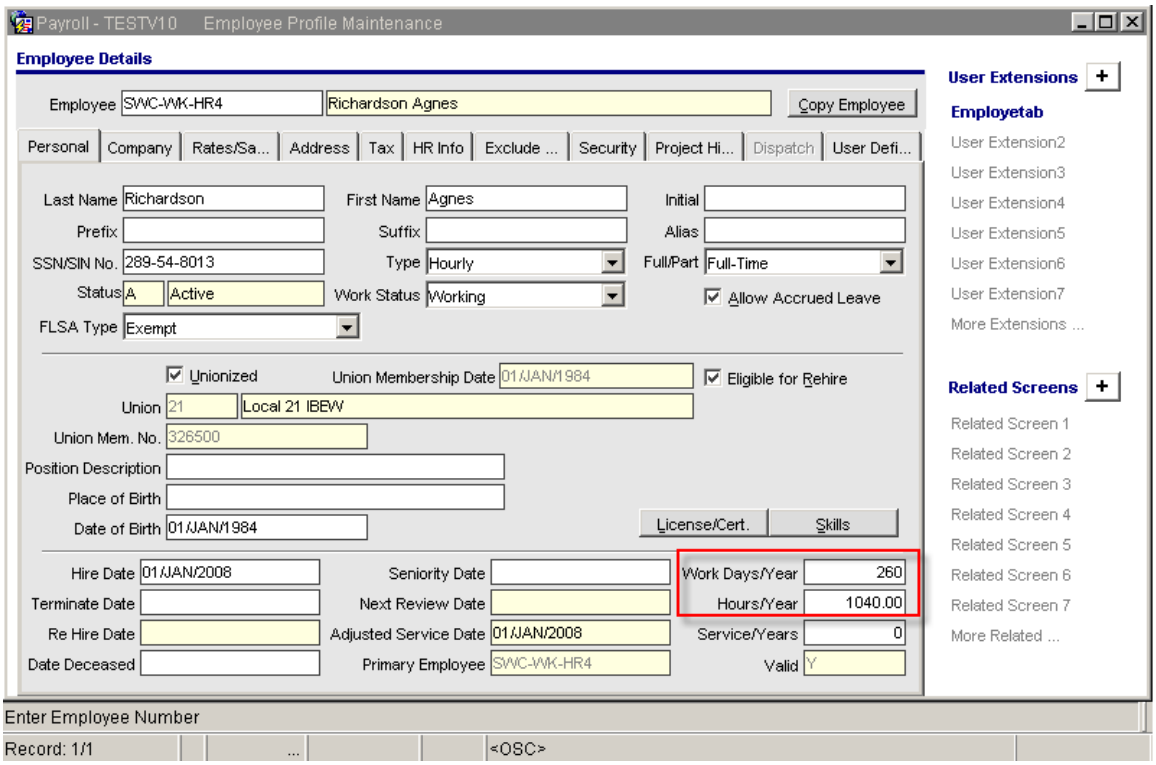
The Department field is enabled only when 'Specific' is selected. Then the user needs to enter or select the department code. Otherwise, the department code is automatically used based on whether it is from the timesheet job, from the employee's Payroll department or the employee's Home department.

The overhead calculation procedures are also changed to retrieve the correct department based on the setting in these fields.

Min/Max Hours Default (10.48893)

A new checkbox "Use Employee Profile for Minimum Hours" has been added to the Exceptions Report. If checked, the report generated will use Employee Profile annual work days and hours to determine each employee's minimum hours per day and per period.

In the example below, the employee's Works Days/Year = 260 and Hours/Year = 1040. This employee's minimum hours requirement per week will be 20, with 4 hours per day.



The timesheet shows 19 hours for the week, with 3 hours on one day.

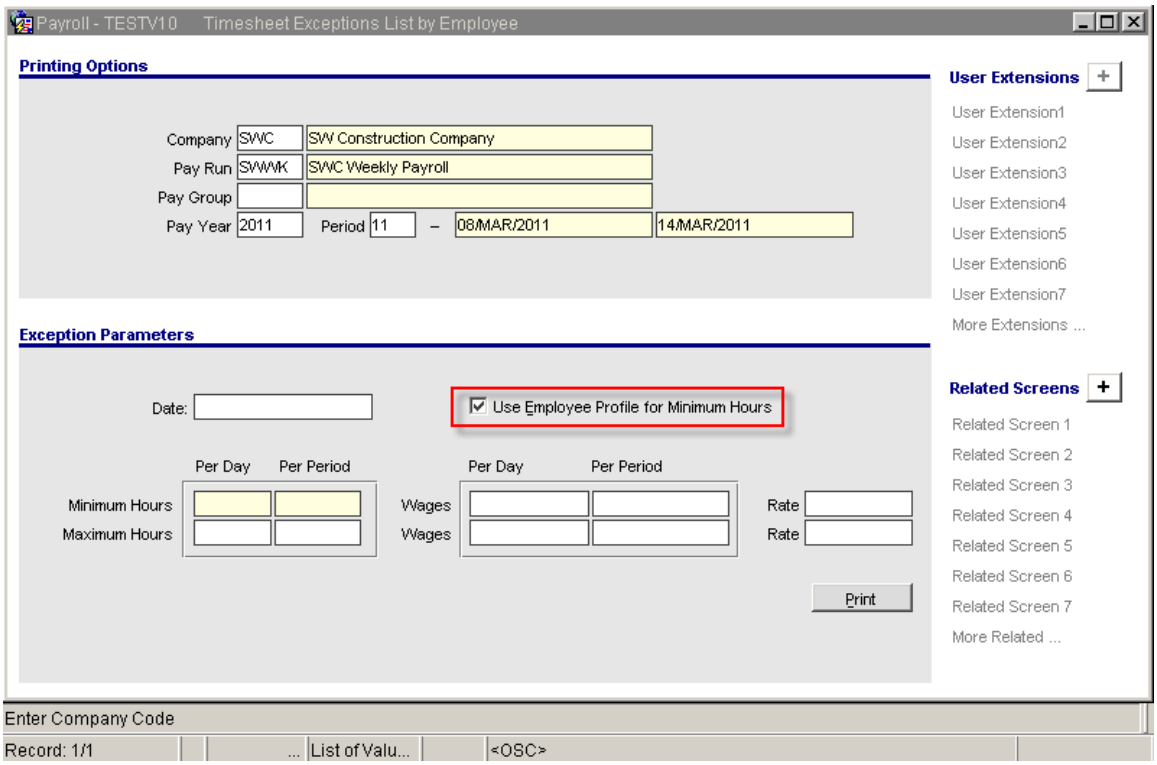
SWC - SW Construction Company

PAYROLL - TIMESHEET EDIT LIST BY EMPLOYEE

Page: 1 of 1
Date: APR 15, 2011
Time: 08:43 AM

Date	Tran Type Comp	Job/Eqp/WO Code	Phase/Eqp.Cat/ WO Line No.	Cat./Tr/ WO Exp	WCB Code	Union	Trade	Work Loc.	Dept	Account	Tran Stat	Rate Type / Shift	Expense Quantity	Hours	Pay Rate	Amount	Billable Rate	Billable Amount
Employee: SWC-WK-HR4		**Agnes Richardson**										**NWHR: 19**	**OVHR: 0**	**DTHR: 0**		**OTHR: 0**		
MAR 08, 2011	SWC J	NH-MALL New Haven Mall	01-100	1000	WCIL	21	1611	SNY	00	5200.100	N	Normal All Shifts	0.00	3.00	28.000	84.00	28.000	84.00
MAR 09, 2011	SWC J	NH-MALL New Haven Mall	01-100	1000	WCIL	21	1611	SNY	00	5200.100	N	Normal All Shifts	0.00	4.00	28.000	112.00	28.000	112.00
MAR 10, 2011	SWC J	NH-MALL New Haven Mall	01-100	1000	WCIL	21	1611	SNY	00	5200.100	N	Normal All Shifts	0.00	4.00	28.000	112.00	28.000	112.00
MAR 11, 2011	SWC J	NH-MALL New Haven Mall	01-100	1000	WCIL	21	1611	SNY	00	5200.100	N	Normal All Shifts	0.00	4.00	28.000	112.00	28.000	112.00
MAR 14, 2011	SWC J	NH-MALL New Haven Mall	01-100	1000	WCIL	21	1611	SNY	00	5200.100	N	Normal All Shifts	0.00	4.00	28.000	112.00	28.000	112.00
														19.00		532.00		532.00
														19.00		532.00		532.00

When the flag is checked on the Exceptions Report screen, the Minimum Hours Per Day and Per Period are not editable. This employee is printed on the Exceptions Report because the minimum hours requirement from the employee profile has not been met.



SWC - SW Construction Company

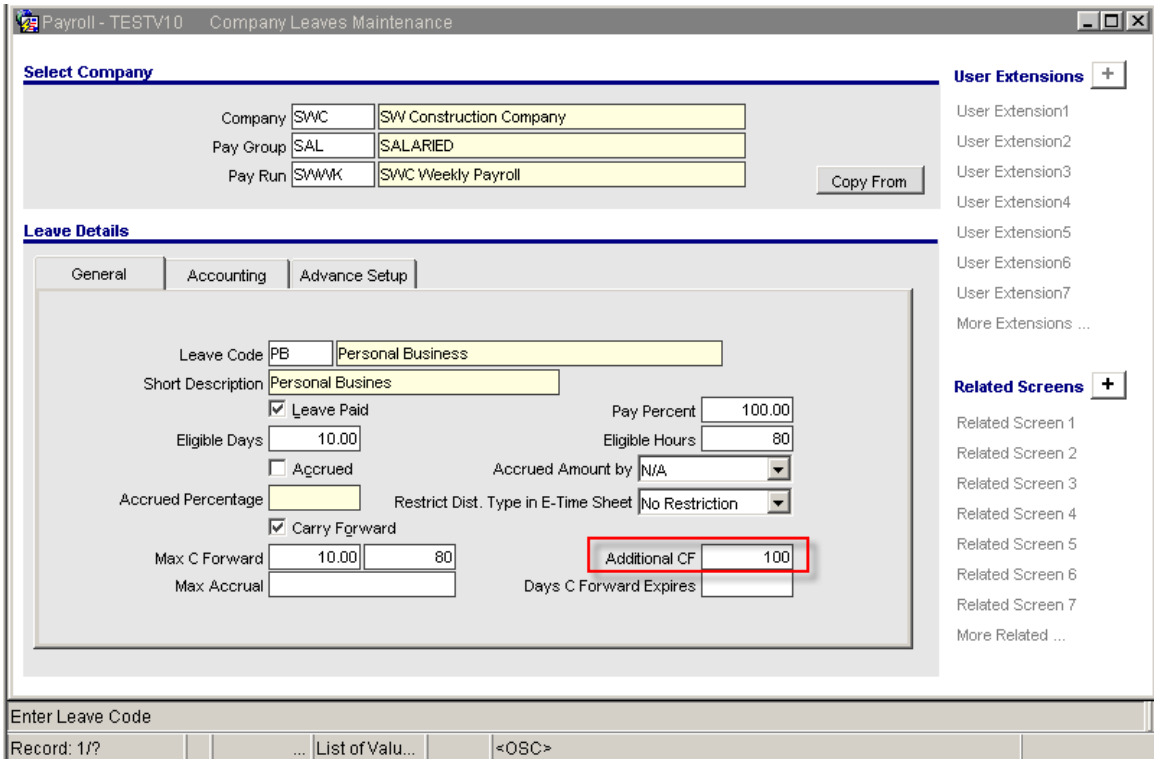
PAYROLL - TIMESHEET EXCEPTIONS LIST

Page: 1 of 1
Date: APR 15, 2011
Time: 08:52 AM

Date	Company	Tran Type	Job Code	Phase	Category	Hours	Rate	Amount	Exception Type
Employee Code: SWC-WK-HR4			**Employee Name: Agnes Richardson**						
MAR 08, 2011	SWC	J	NH-MALL	01-100	1000	3.00	28.00	84.00	DAY
MAR 08, 2011	SWC	J	NH-MALL	01-100	1000	3.00	28.00	84.00	PERIOD
MAR 09, 2011	SWC	J	NH-MALL	01-100	1000	4.00	28.00	112.00	PERIOD
MAR 10, 2011	SWC	J	NH-MALL	01-100	1000	4.00	28.00	112.00	PERIOD
MAR 11, 2011	SWC	J	NH-MALL	01-100	1000	4.00	28.00	112.00	PERIOD
MAR 14, 2011	SWC	J	NH-MALL	01-100	1000	4.00	28.00	112.00	PERIOD

END OF REPORT

Additional Carry Forward (11.55141)



An “Additional CF” field has been added to the Company Leave Maintenance screen to carry forward Additional Hours to the following year.

The carry forward utility considers the new additional carry forward hours when moving hours to the next year. The utility adds carry forward hours into the maximum carry forward value to calculate the next year hours.

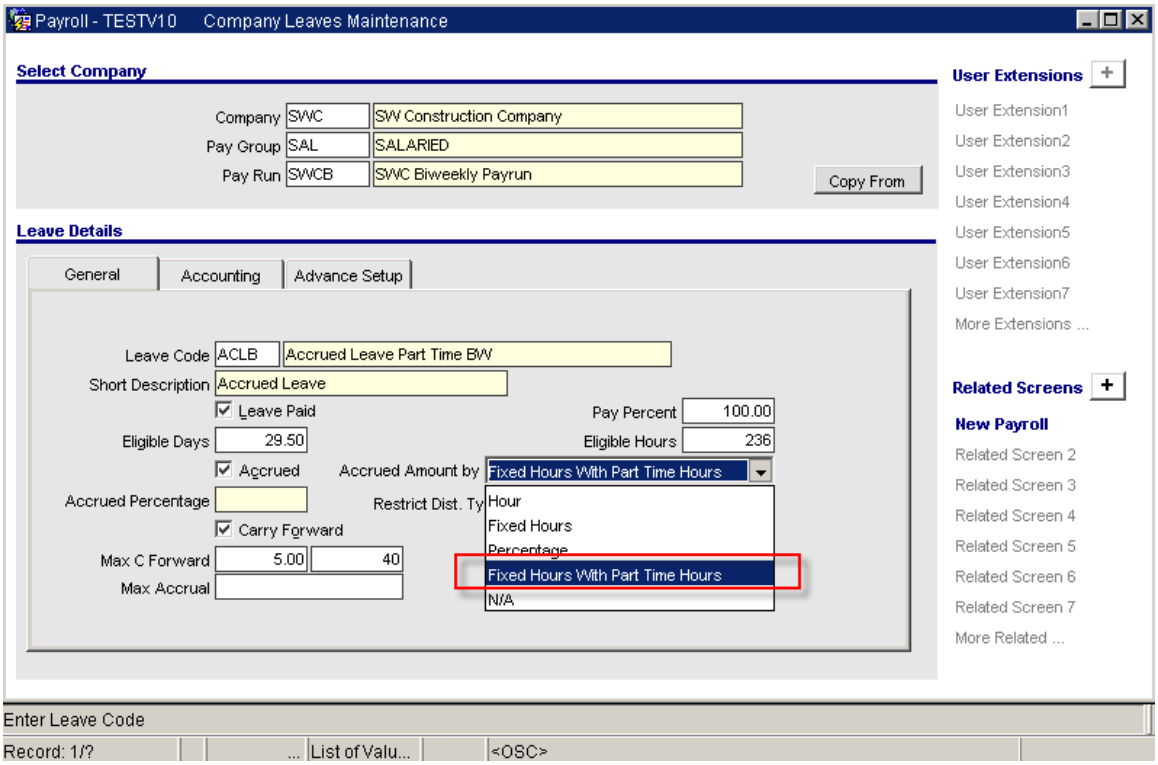
The utility also stores the number of hours in employee leave table. The new column stores the difference between max hours and the remaining hours. Fro example, if an employees remaining hour is 210 for the year and the max hours is 180, the utility will only carry forward 180 hours for next year and 30 hours will be stored in the employee leave table under the new column for the year.

The system considers the same hierarchy for leave setup. The utility considers the Additional CF if setup under the base table and the base table is assigned on the company leave setup. When the base table is not assigned, then the additional CF will be considered from the company setup.

In the example below, the employee is entitled to 80 hours and the maximum CF is 80 hours, The user can setup additional CF as 100; the below will be the result after running the utility. Therefore total Max CF would be 180 hours.

Year	Hours	CF	Used	Remaining	CF (Next Year)	Max CF
2008	80	0	10	70	70	70
2009	80	70	10	140	140	140
2010	80	140	10	210	210	180

PTO for Part Time Employees (11.56412)



The “Fixed Hours With Part Time Hours” option has been added to the Company Leaves Maintenance screen and is intended for part-time employees. The hours accrued per pay is calculated as PTO Eligible Hours per Pay / Full Time Standard hours per pay frequency x Employee standard hours per pay frequency. For example, if a biweekly employee’s Eligible Hours for the leave is 236 and the Employee Profile Hours per Year = 1560, the Accrued Hours = (236/26) * (1560/2080) = 6.81.

Home Company Needs to be Central to Payroll Functionality (11.57309)

Payroll processing has been modified to process by Payroll Company and Home Company. The Home Company from the employee profile will be considered when employees are processed.

Part-Time employee CF Calculation (11.57934)

A new field “Max Carry Forward Method” has been added to the Company Leaves Maintenance screen. The drop-down list has Fixed hours (default method) and Accrued Hours. When the “Accrued Hours” option is selected, the “Max C Forward” field becomes disabled. If a table base is assigned, the “Max Carry Forward” column is ignored.

The Carry Forward Utility will now consider the employee accrued hours from the Employee Leaves Maintenance screen in order to calculate the carry forward hours for the next year.

The new functionality considers the Accrued Hours and the Additional Carry Forward hours from the Company Leaves Maintenance screen. The formula below shows the calculation of carry forward hours when the new method is selected.

In this example, the Additional CF hours on the Company Leaves Maintenance is set to 2. The hours carried forward to 2011 is 7.78.

If Total Remaining Hours (7.78) < Total Accrued Hours for Year (10.78) + Additional CF(2)

Then

Carry forward Total Remaining Hours to Next Year

End If

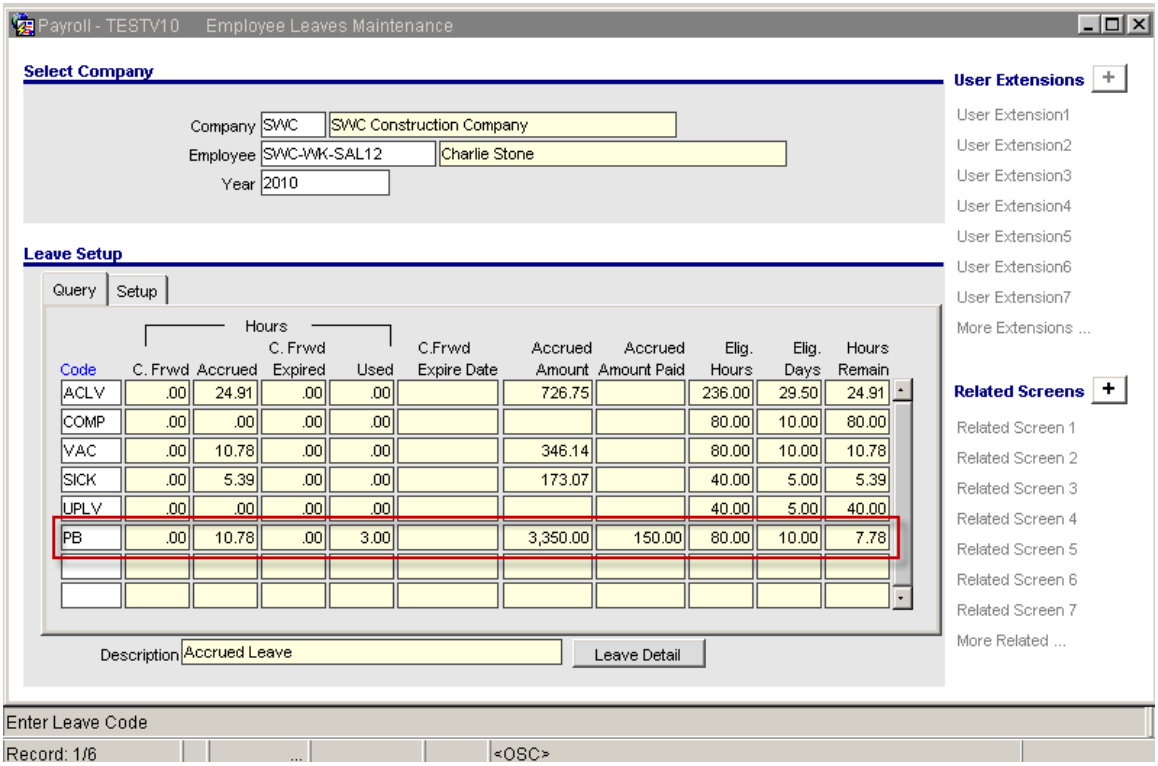
If Total Remaining Hours (7.78) > Total Accrued Hours for Year (10.78) + Additional CF(2)

Then

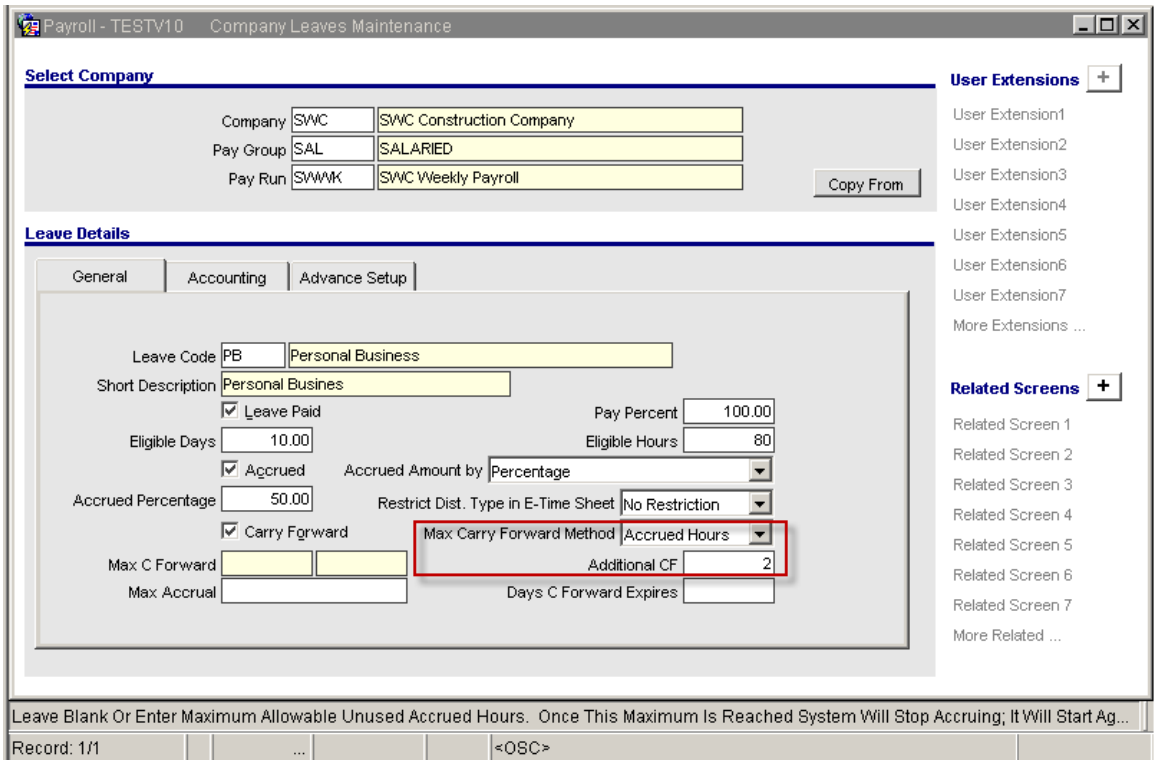
Carry forward Total Accrued Hours to Next Year (10.78) + Additional CF(2)

End If

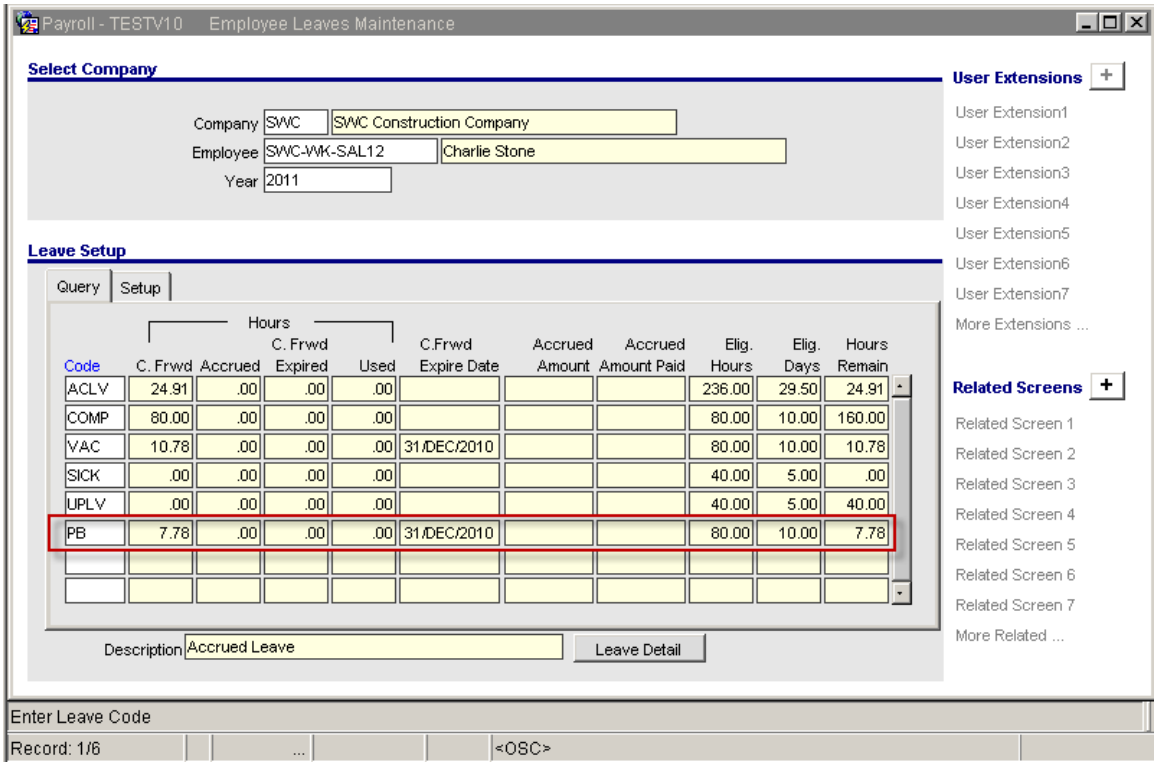
Accrued Hours in 2010 = 10.78 and Hours Remaining = 7.78.



The Accrued Hours method is selected and the Additional CF = 2.



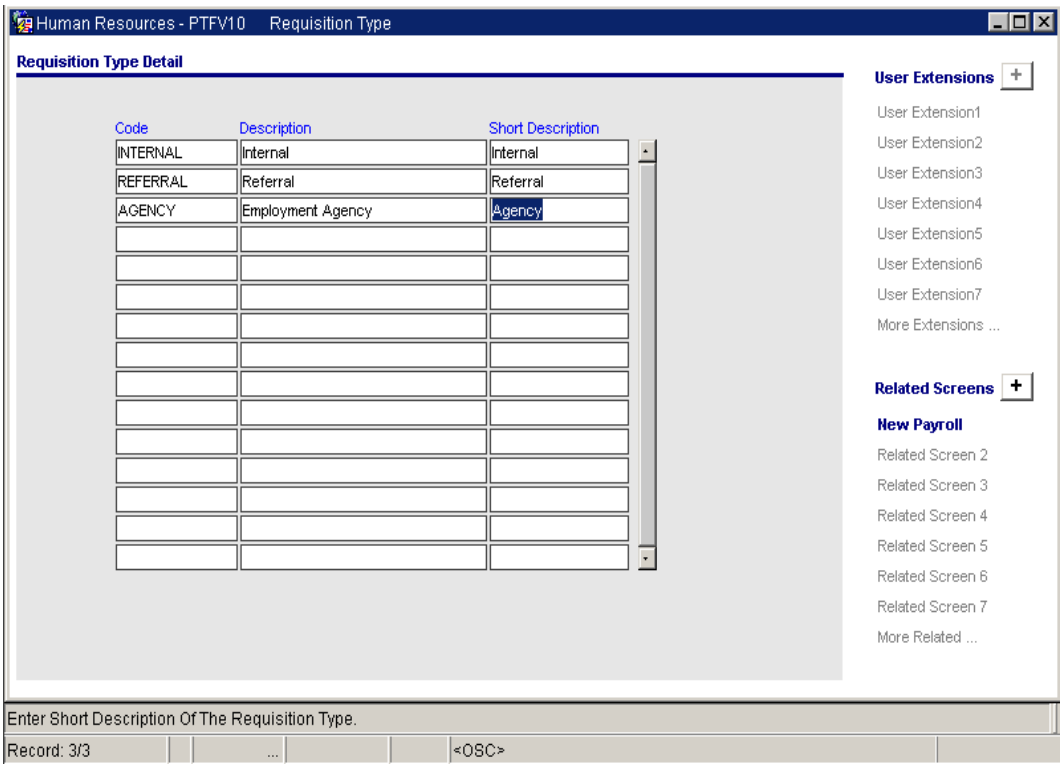
Hours carried forward = 7.78.



A total of 7.78 hours is carried forward to the year 2011.

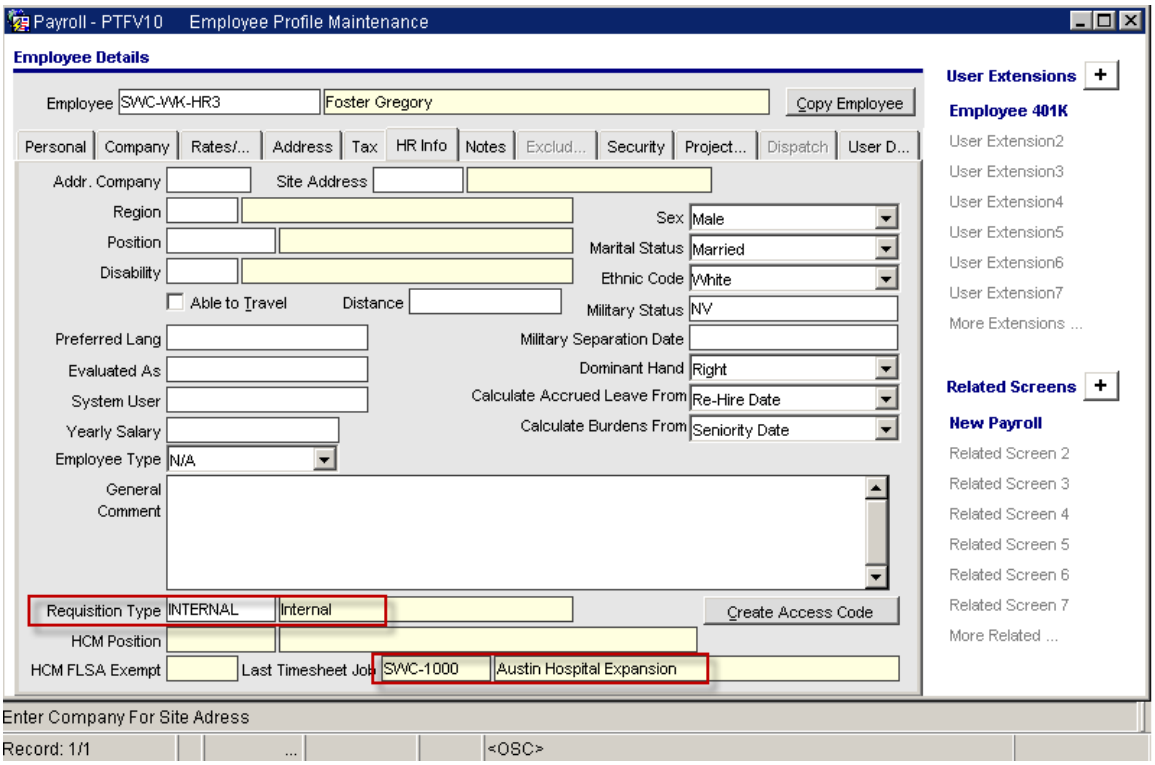
In another example, if the Additional CF is set to 15 and the employee is full time, the system will accrue the entire 80 hours due to the fact that employee will work entire 2080 hours and not part time hours therefore the MAX carry forward hours for a full time employee will be 95 hours.

Employee HR Tab Modification (11.60493)

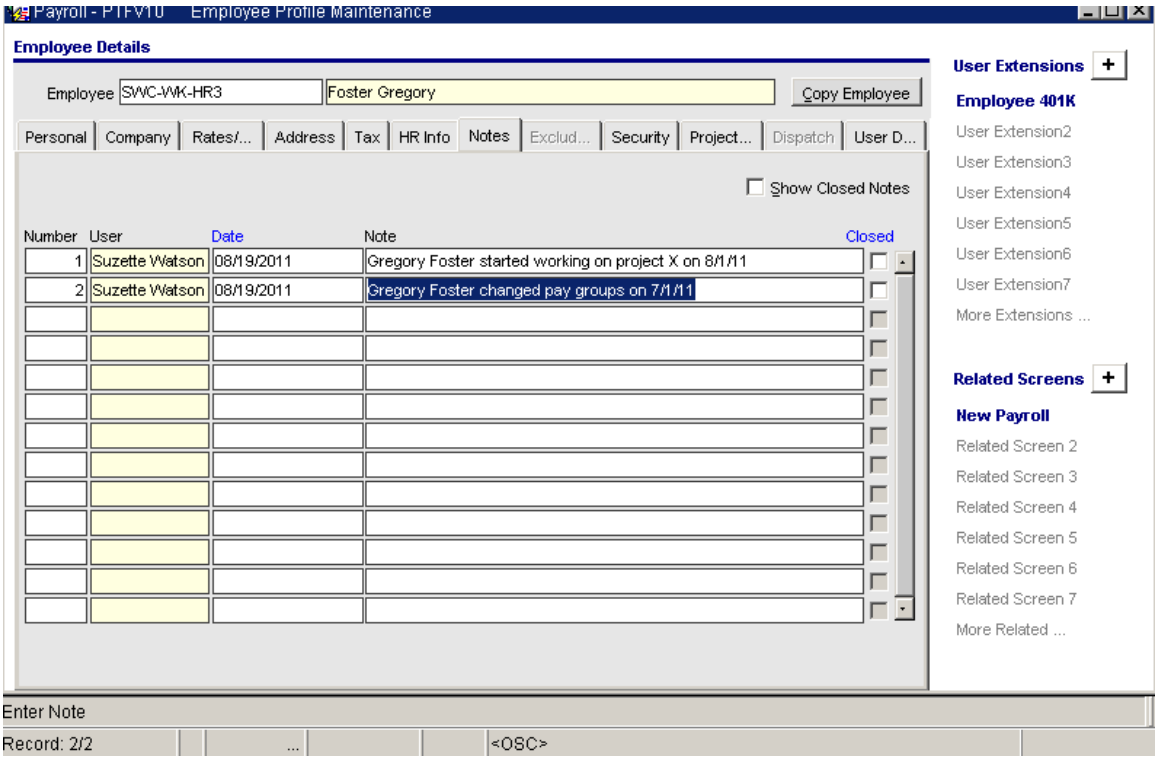


A new maintenance screen HR-> Codes -> Requisition Types has been added for entry of requisition types.

Requisition Types entered here are available in the Requisition Type LOV for selection in the Employee Profile and Employment History screens.

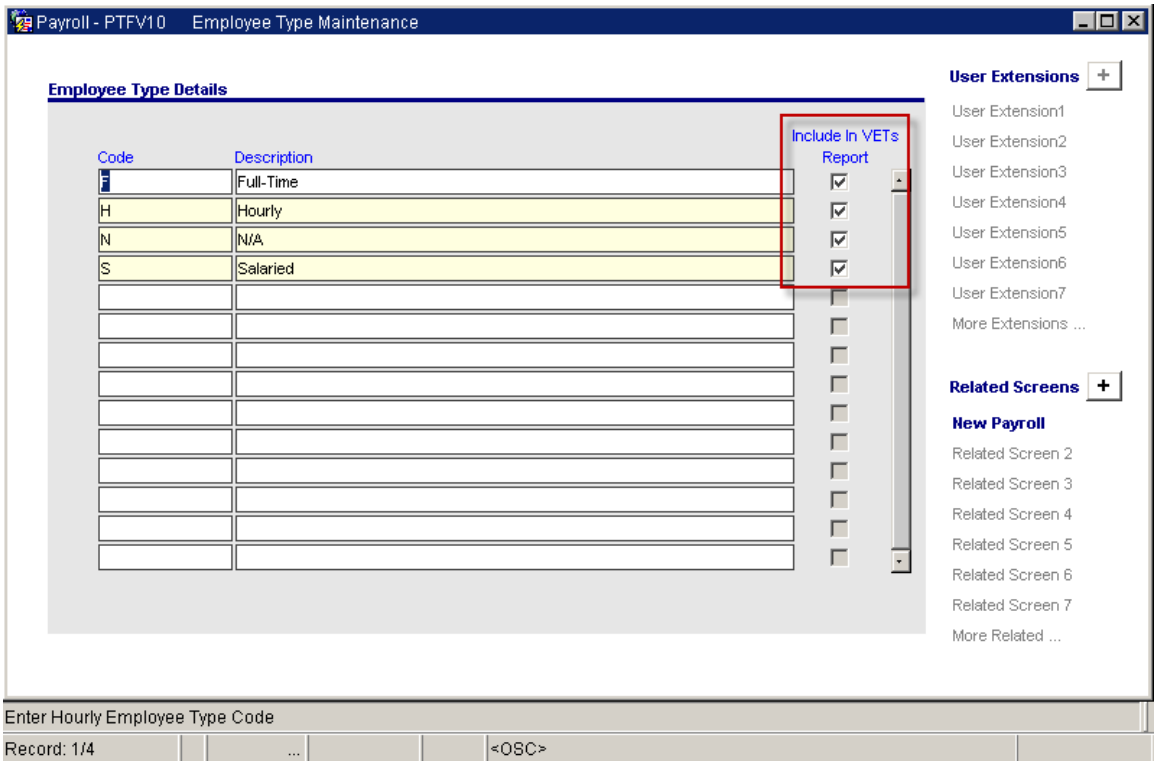


The Requisition Type field has been added to the HR Info tab of the Employee Profile, Employment History and Employment History Adjustment screens. The Last Timesheet Job field has been added to the Employee Profile and is display only. It displays the last posted job the employee worked on.



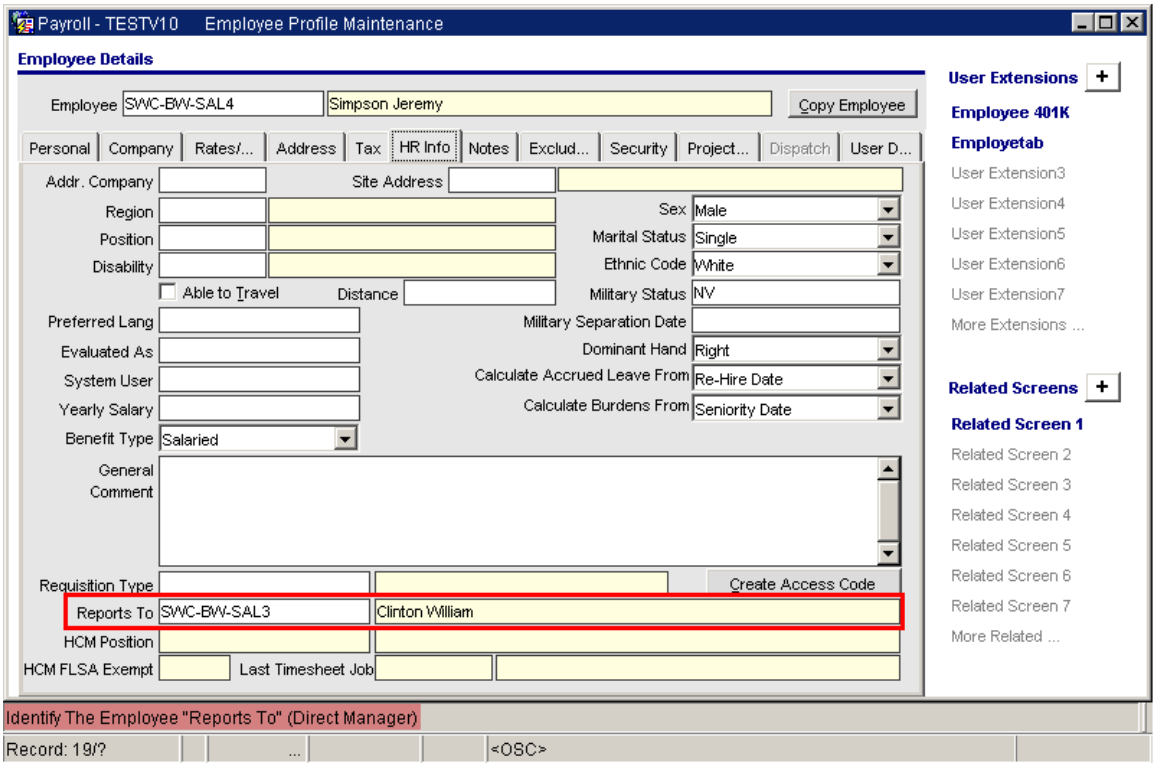
A Notes tab has been added to the Employee Profile for entry of multiple notes.

Include in VETs Report (11.58153)



Added a new flag “Include In VETs Report” to the Employee Type Maintenance screen. If the flag is checked for any of the employee types, then employees belonging to those types are included in the EEO and VETs reports in HR.

Employee Maintenance – ‘Reports To’ field (11.60630)



A new field is added to the Employee Profile under ‘HR Info’ tab, labeled "Reports To", allowing the user to identify the Employee's direct manager.

When creating a new employee in employee Profile Maintenance screen, users may enter or select from LOV an employee to be identified as the direct Manager of the new employee that is being entered. The field and LOV follow payroll security and limits the list of employees. Also, an employee may not be identified as a manager to him/herself.

Along with the employee profile maintenance form, other forms such as Employee History Maintenance Screen, Employment History adjustment screen under the utilities menu and necessary packages and views have been modified. These changes are incorporated into both US and Canadian Payroll applications. However, (rare scenario that clients have US & Canadian payroll installed) the LOV is limited to employees from the same payroll system

With this modification, Employee Profile alone can be used to build hierarchical views of the organizational structure as required.

Post Leave Taken Based On Timesheet Date (11.57706)

A new option under system options is added to allow users to UPDATE the employee leave summary table by timesheet entry date.

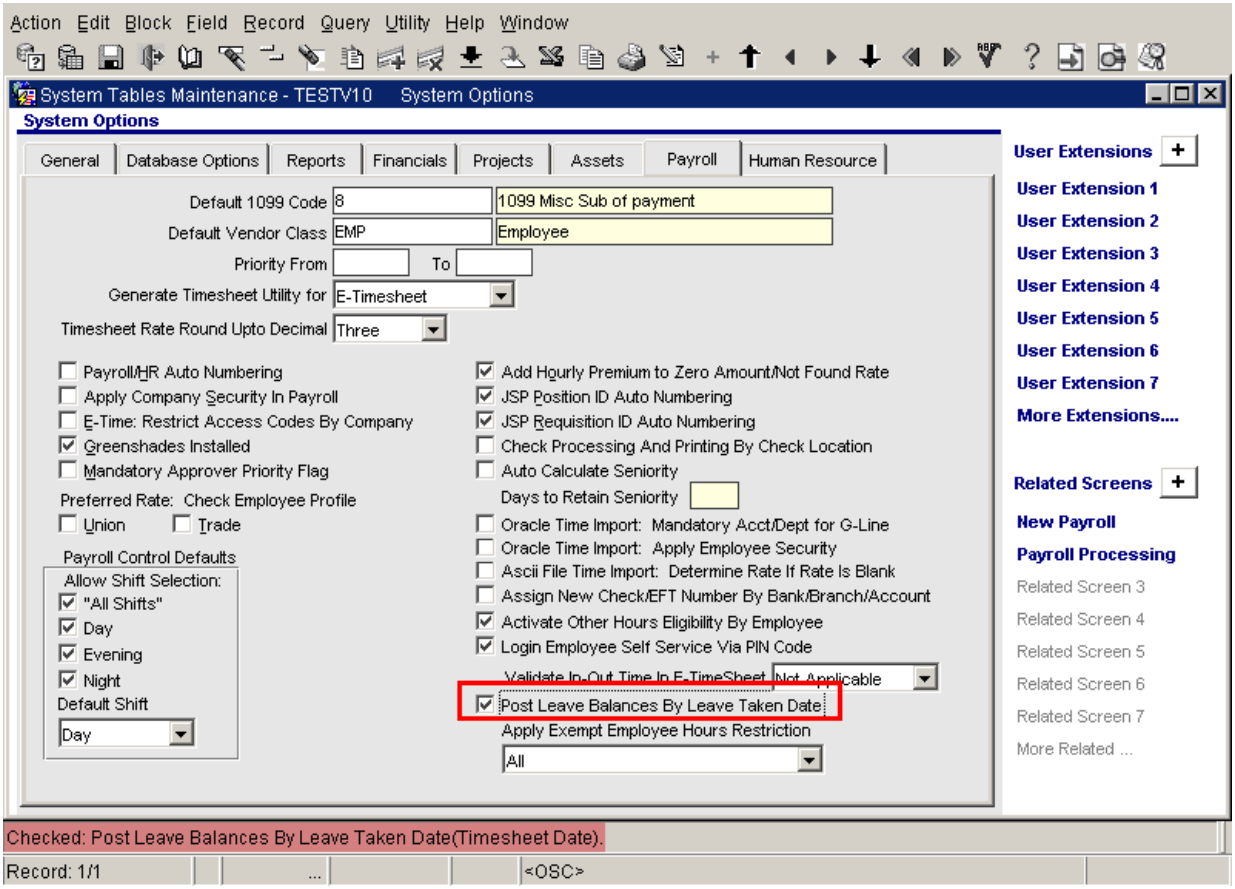
The timesheet Posting is modified based on this new option, to store the actual timesheet date for leave taken in Leave detail table.

The check printing programs are modified to update the EMPLOYEE LEAVE SUMMARY table based on the leave taken date year rather than payroll year and period.

Modifications

The System Options > Payroll tab is modified with a checkbox 'Post Leave Balances By Leave Taken Date'. The default is un-checked to leave the system to function as before. This is a system level option and hence effects all the companies when set one way or the other.

When checked, the employee leave taken in a pay period that extends from one calendar year to the next calendar year, the time sheet posting records actual timesheet date against the leave details. This functionality then allows the leaves taken to be recorded and reported in the respective calendar years rather than the pay period.



Part-Time Employee CF Calculation (11.57934)

This is an enhancement to the New Functionality introduced under the Work Order # 11.55141.

1. Employee Leave Maintenance Screen:
    i. Added Column for 'Hours Lost'
    ii. Remaining Hours is calculated as:

        Remaining Hours= Eligible + Carry Forward + Accrued – Used -Lost

2. Mid-Year Employee Leave Setup Screen :
    i. Added 'Lost Hours' Column

ii. Remaining Hours is calculated as:

Remaining Hours= Eligible + Carry Forward + Accrued – Used –Lost

3. Employee Leave Listing Report launch screen is modified with the addition of ' From /To Leave Codes' as parameters.

4. Employee Leave Listing Report is modified with addition of a new column for 'Lost Hours'

Add Burden and Overhead Phase/Category in JCJOBCAT (11.57987)

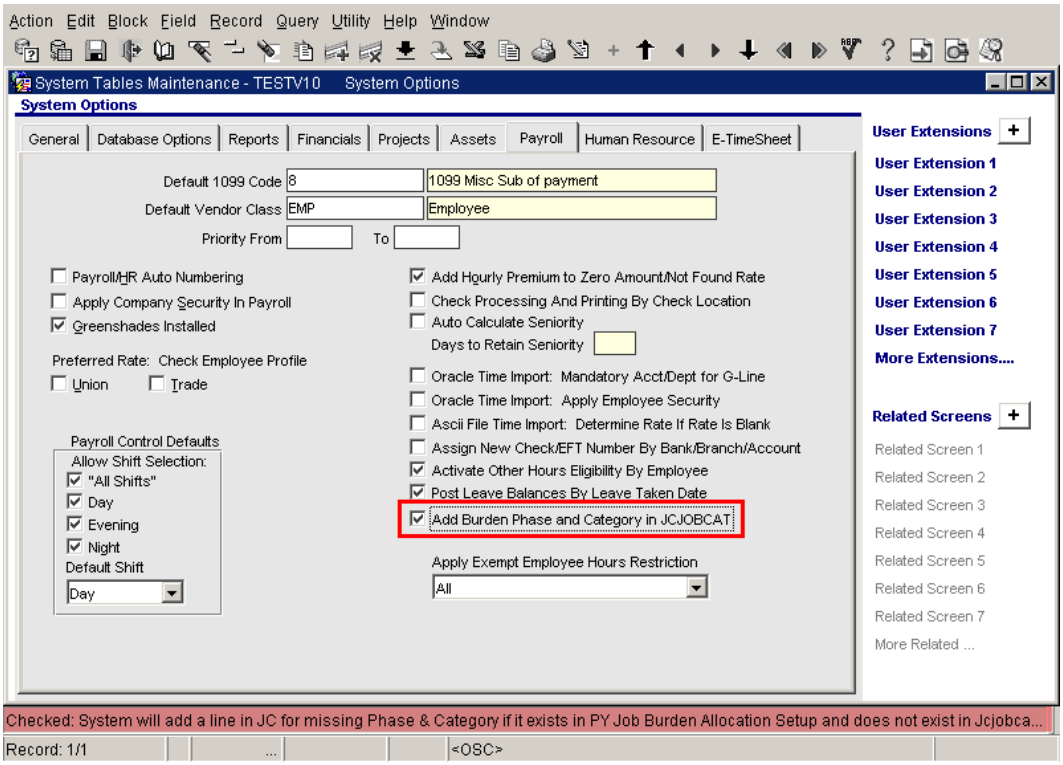
The timesheet posting and payroll processing programs are modified to create the missing Phase and Category on a job, during overhead and burden postings to JC. The posting routine will verify the missing phase and category under the master phase and category setup in JC.

The JC Posting Report (JC705.rep) is modified to highlight the postings to the phase/category that were NOT created in JC but from other applications (e.g. PY).

Modifications

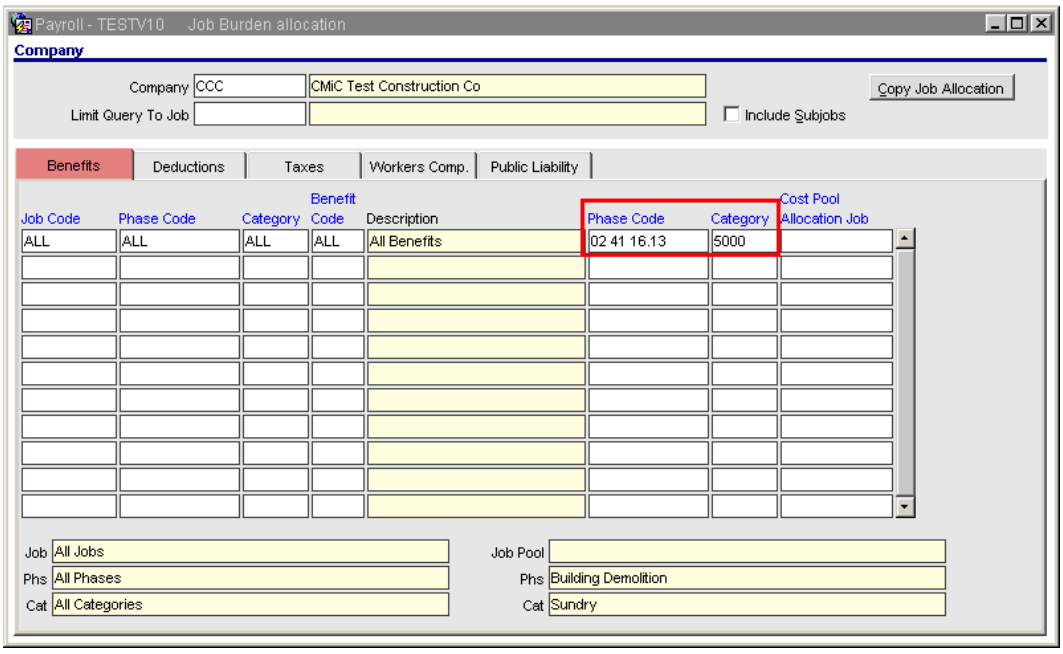
A new flag 'Add Burden Phase and Category in JCJOBCAT' is added to System options > Payroll Tab. The default value is un-checked and system functions as before. When checked, across all companies in the system, during Timesheet posting and processing if burden/overhead phase and category are not found in a job, then system would insert the phase and category into the JCJOBCAT table.

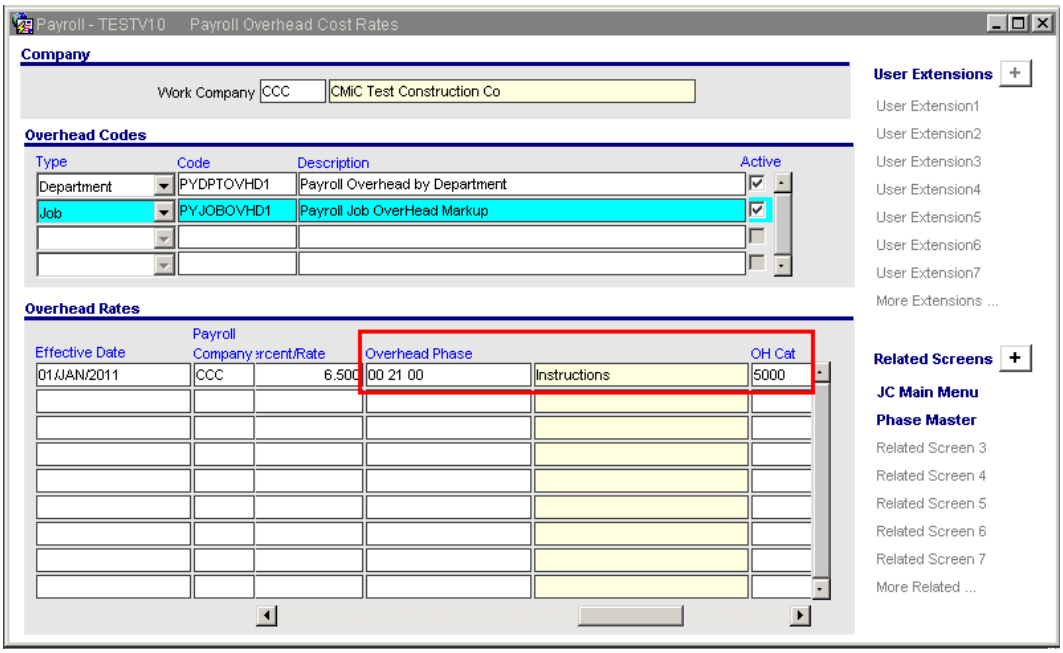
Also, a new tab 'E-Timesheet' is created in the system options and related fields are moved to Human Resource and E-timesheet tabs.



The following screens show the setup of the Job Burden Allocation and Payroll Job Overhead Allocation. The posting report at the end shows that, the overhead is posted to the job phase and category that were created by the timesheet posting in 'PY' application.

The System validates for correct phase and category hierarchy and then inserts into JCJOBCAT.


Payroll - TESTV10 Job Burden allocation
Company
Company CCC CMiC Test Construction Co
Limit Query To Job
Copy Job Allocation
Include Subjobs
Benefits
Deductions
Taxes
Workers Comp.
Public Liability
Job Code
Phase Code
Category
Benefit Code
Description
Phase Code
Category
Cost Pool Allocation Job
ALL ALL ALL ALL All Benefits 02 41 16.13 5000
Job All Jobs
Phs All Phases
Cat All Categories
Job Pool
Phs Building Demolition
Cat Sundry


Payroll - TESTV10 Payroll Overhead Cost Rates
Company
Work Company CCC CMiC Test Construction Co
Overhead Codes
Type
Code
Description
Active
Department PYDPTOVHD1 Payroll Overhead by Department
Job PYJOBOVHD1 Payroll Job OverHead Markup
Overhead Rates
Effective Date
Payroll Company
Percent/Rate
Overhead Phase
OH Cat
01/JAN/2011 CCC 6.500 00 21 00 Instructions 5000
User Extensions
User Extension1
User Extension2
User Extension3
User Extension4
User Extension5
User Extension6
User Extension7
More Extensions ...
Related Screens
JC Main Menu
Phase Master
Related Screen 3
Related Screen 4
Related Screen 5
Related Screen 6
Related Screen 7
More Related ...

CCC - CMiC Test Construction Co

JOB COSTING - JC POSTING REPORT

Page: 1 of 1
Date: 10/17/2011
Time: 02:26 PM

Co	T	Dept	Account	Job	Phase	Cat	Source Code	Reference Code	Ref Date	Post Date	Batch	Src	PO/SC	WM	Quantity	Amount
CCC	C	00	5200.100	CCCABS1101	00 21 00	5000	CCC-WK-HR2	CCCW CCCW201142 Payroll Job OverHead Markup	10/21/2011	10/21/2011	4375	PY		LS		39.00
CCC	C	00	5200.100	CCCABS1101	00 21 00	5000	CCC-WK-HR2	CCCW CCCW201142 Payroll Job OverHead Markup	10/21/2011	10/21/2011	4375	PY		LS		9.75
CCC	C	00	5200.100	CCCABS1101	01.02A.024100.)CC		CCC-WK-HR2	CCCW CCCW201142	10/21/2011	10/21/2011	4375	PY		$	2.00	150.00
CCC	C	00	5200.100	CCCABS1101	01.02A.024100.)CC		CCC-WK-HR2	CCCW CCCW201142	10/21/2011	10/21/2011	4375	PY		$	8.00	600.00
														Total for Job CCCABS1101		798.75
														Total for Company CCC		798.75
														Total for Currency US		798.75

END OF REPORT

Report Parameters

Batch Number:	4375	Run Date:	10/17/2011
Report Code:	JC705	Run Time:	02:26 PM
Posted with Overheads:	Y	Operator:	RAVI

Phase Or Category added from other than JC during Posting

Burdens at Department Level (11.61211)

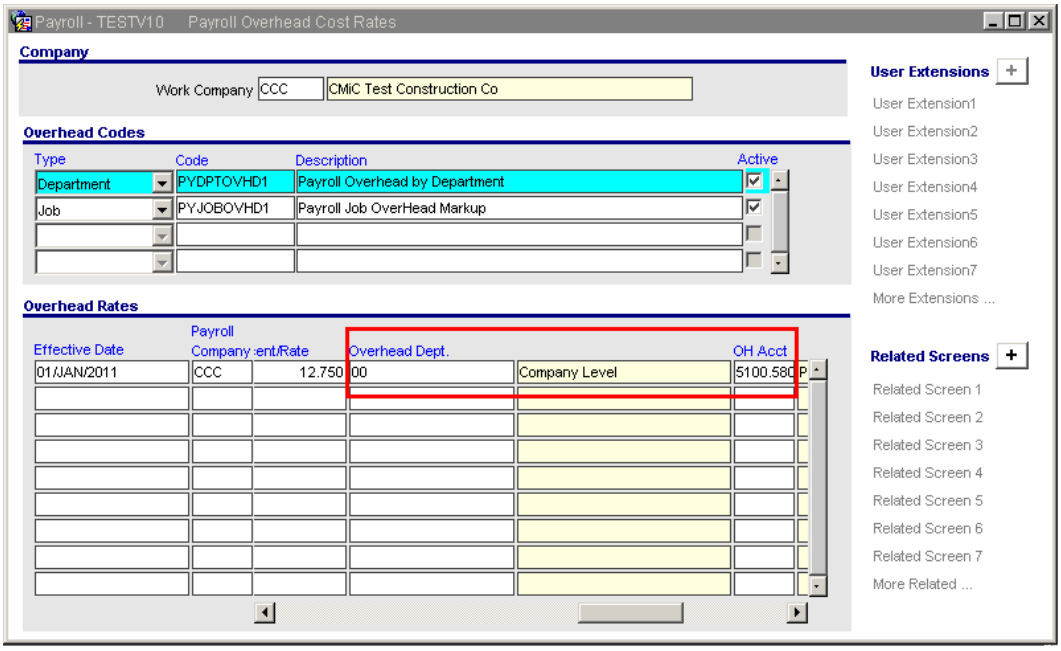
Payroll overhead Setup Form is modified, to allow users to setup overhead rates by department and accounts. This is applicable for 'G' type time entry transactions.

Modifications

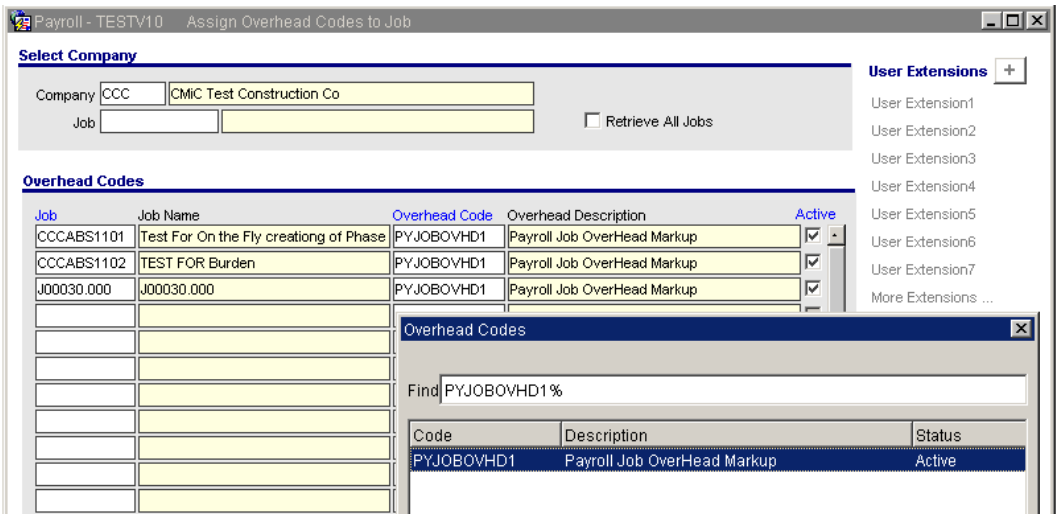
The Overhead Cost Rates screen is modified with the addition of a new drop down list with two options of 'Department' and 'Job'.

If 'Job' option is chosen, the rate code maintenance screen and subsequent overhead processing continues to function as before.

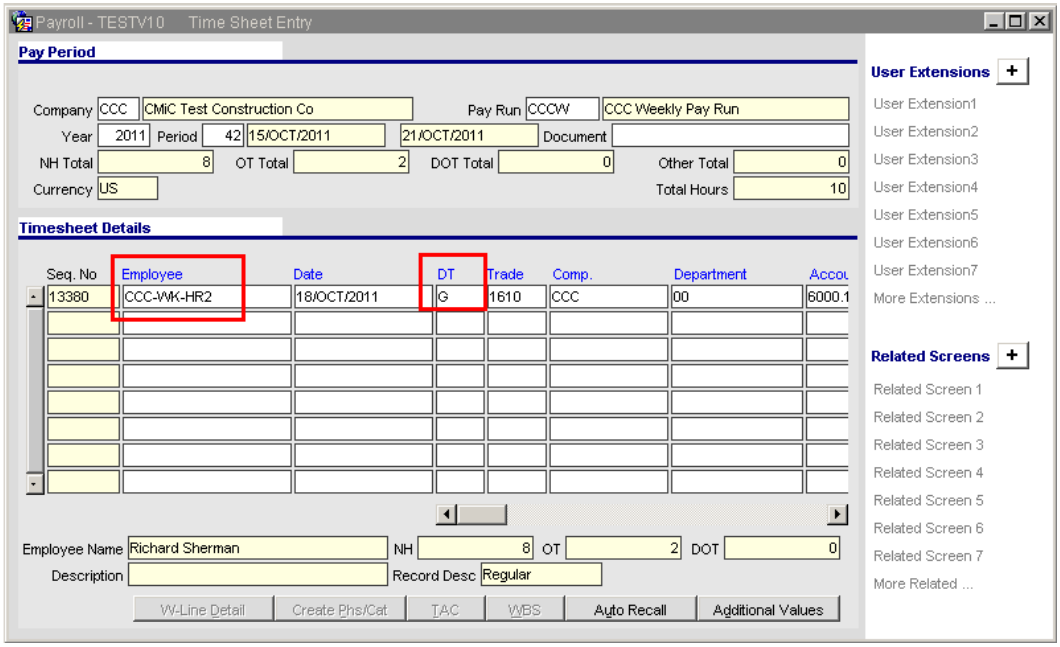
If 'Department' option is chosen, the Overhead Rates detail block is modified with the addition of two more columns for 'Overhead Department' and 'Overhead Account' to which the overhead costs will be posted.

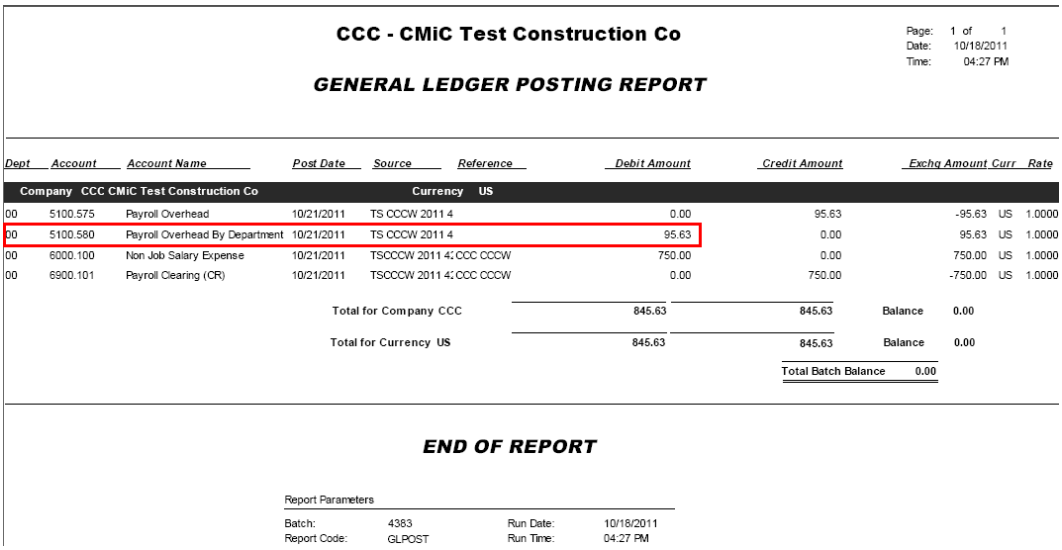


The ‘Payroll Overhead Groups’ and ‘Assign Overhead Codes to Job’ screens are modified, to allow ONLY the Job Type Overhead Codes.



The Payroll timesheet posting program is modified to process the overheads and post to the Overhead Department and Overhead account set up in the ‘Payroll Overhead Cost Rates’.





CCC - CMiC Test Construction Co

Page: 1 of 1
Date: 10/18/2011
Time: 04:27 PM

GENERAL LEDGER POSTING REPORT

Dept	Account	Account Name	Post Date	Source	Reference	Debit Amount	Credit Amount	Exchg Amount	Curr	Rate
Company CCC CMiC Test Construction Co					Currency US					
00	5100.575	Payroll Overhead	10/21/2011	TS CCCW 2011 4		0.00	95.63	-95.63	US	1.0000
00	5100.580	Payroll Overhead By Department	10/21/2011	TS CCCW 2011 4		95.63	0.00	95.63	US	1.0000
00	6000.100	Non Job Salary Expense	10/21/2011	TSCCCW 2011 4	CCC CCCW	750.00	0.00	750.00	US	1.0000
00	6900.101	Payroll Clearing (CR)	10/21/2011	TSCCCW 2011 4	CCC CCCW	0.00	750.00	-750.00	US	1.0000
		Total for Company CCC				845.63	845.63	Balance		0.00
		Total for Currency US				845.63	845.63	Balance		0.00
								Total Batch Balance		0.00

END OF REPORT

Report Parameters

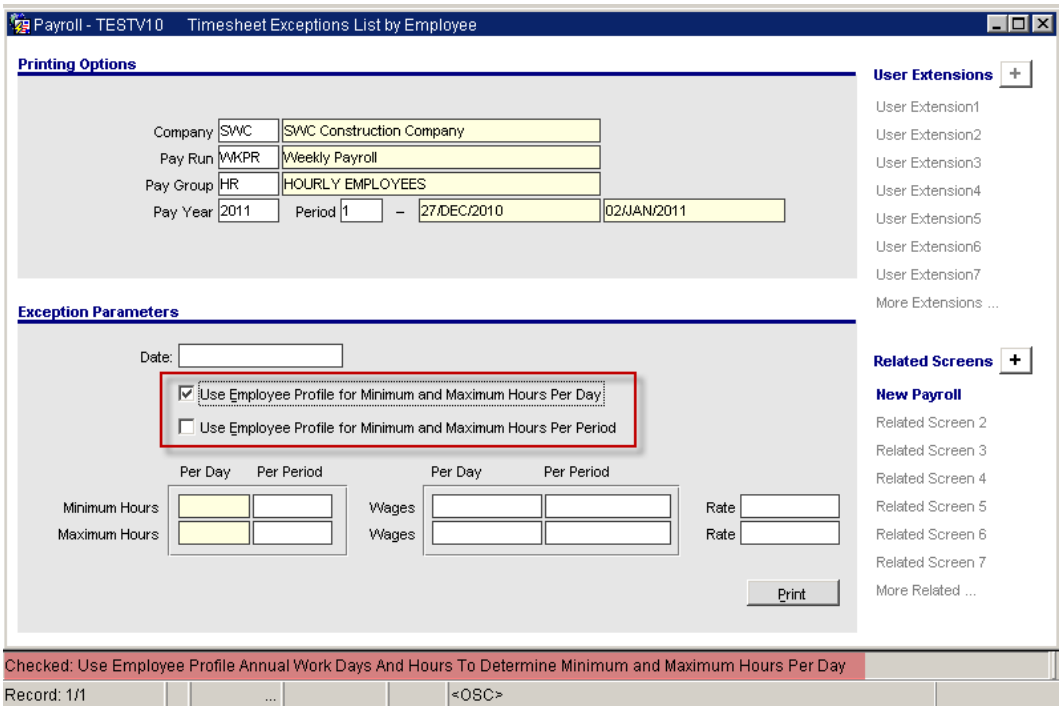
Batch: 4383
Report Code: GLPOST
Run Date: 10/18/2011
Run Time: 04:27 PM

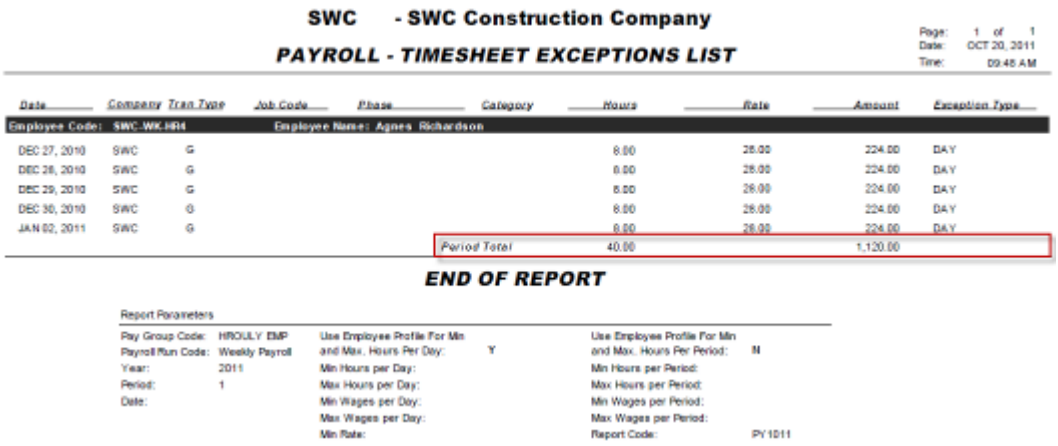
Timesheet Exceptions List by Employee (11.62532)

The Timesheet Exceptions List by Employee screen is modified to have new check boxes for indication to use the Employee Profile to determine minimum and maximum hours per day and per period.

If the flags are checked, the report generated will use Employee Profile annual work days and hours to determine each employee's minimum and maximum hours per day and per period. When the flags are checked on the screen, the Minimum and Maximum Hours per Day and per Period become not editable.

The Timesheet Exceptions List by employee report is modified to display exceptions by Period Totals.





SWC - SWC Construction Company

PAYROLL - TIMESHEET EXCEPTIONS LIST

Page: 1 of 1
Date: OCT 20, 2011
Time: 09:48 AM

Date	Company	Tran Type	Job Code	Phase	Category	Hours	Rate	Amount	Exception Type
Employee Code: SWC-WK-HR4			Employee Name: Agnes Richardson						
DEC 27, 2010	SWC	G				8.00	28.00	224.00	DAY
DEC 28, 2010	SWC	G				8.00	28.00	224.00	DAY
DEC 29, 2010	SWC	G				8.00	28.00	224.00	DAY
DEC 30, 2010	SWC	G				8.00	28.00	224.00	DAY
JAN 02, 2011	SWC	G				8.00	28.00	224.00	DAY
					Period Total	40.00		1,120.00	

END OF REPORT

Report Parameters

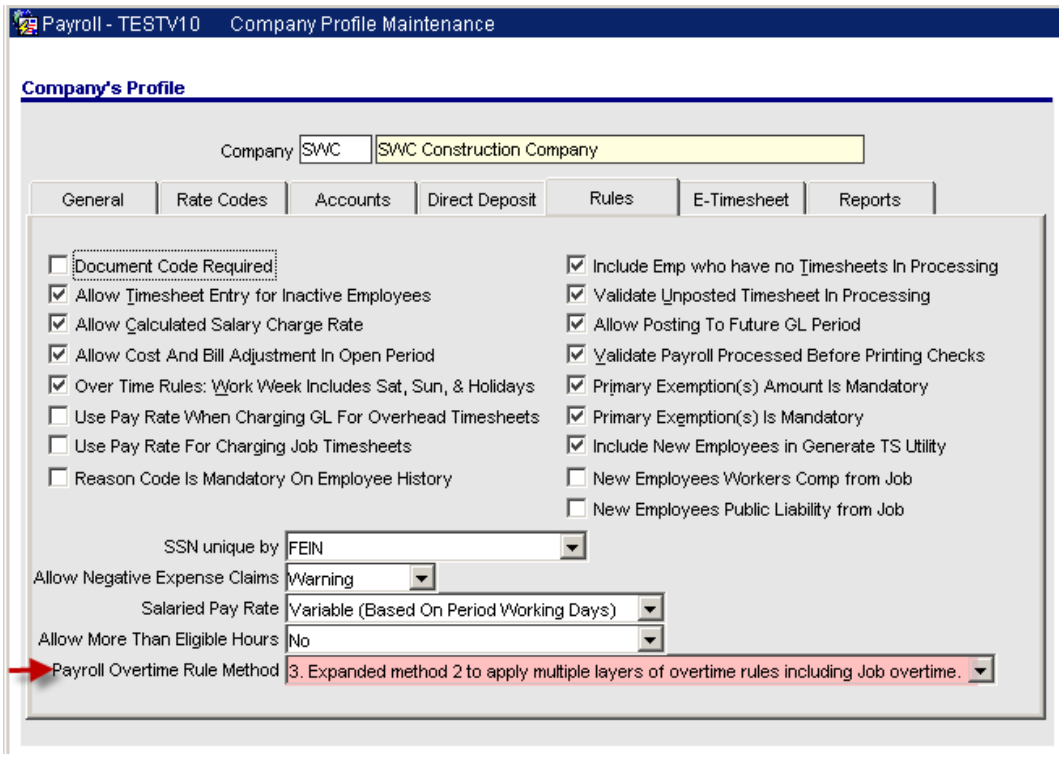
Pay Group Code:	HRGULY EMP	Use Employee Profile For Min and Max. Hours Per Day:	Y	Use Employee Profile For Min and Max. Hours Per Period:	N
Payroll Run Code:	Weekly Payroll	Min Hours per Day:		Min Hours per Period:	
Year:	2011	Max Hours per Day:		Max Hours per Period:	
Period:	1	Min Wages per Day:		Min Wages per Period:	
Date:		Max Wages per Day:		Max Wages per Period:	
		Min Rate:		Report Code:	PY1011

Ability to Set Overtime Rules by Job (Method 3) (11.56103)

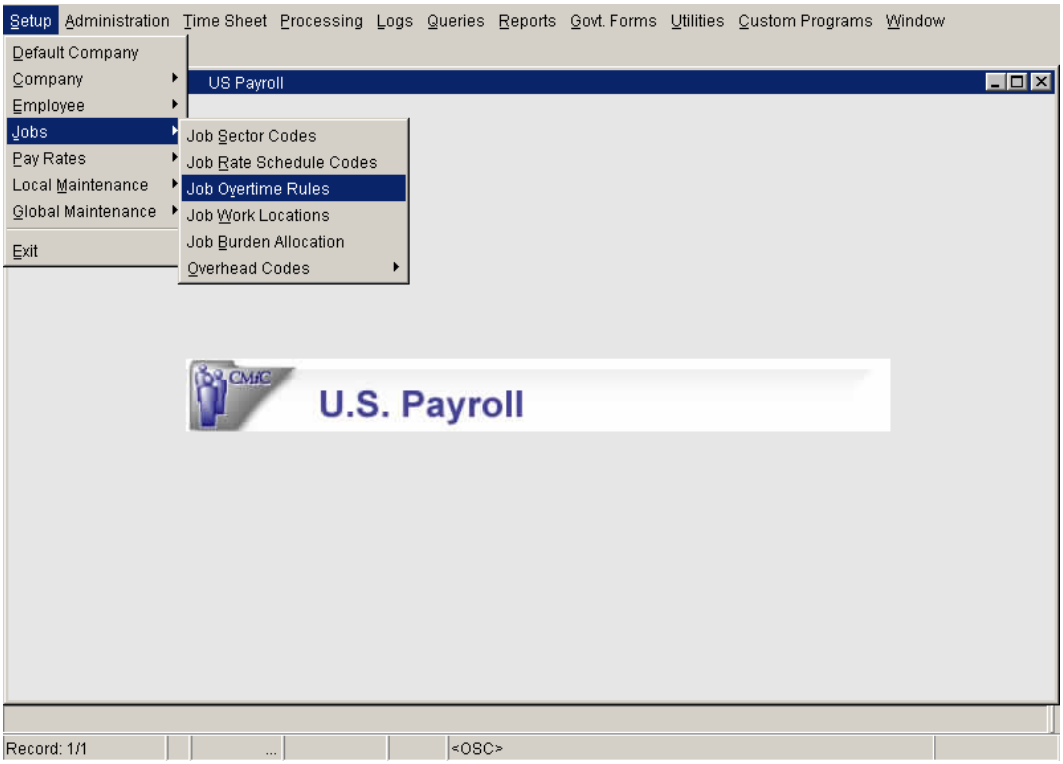
New routines have been added for processing Overtime Rules by Job (Method 3). This method has the same rules as method 2 but uses a different strategy in order to handle and apply multiple layers of overtime rules (i.e. new job layer, separate union layer, and company layer). Method 3 takes longer to process since it may require several passes depending on setup of the rules to be applied.

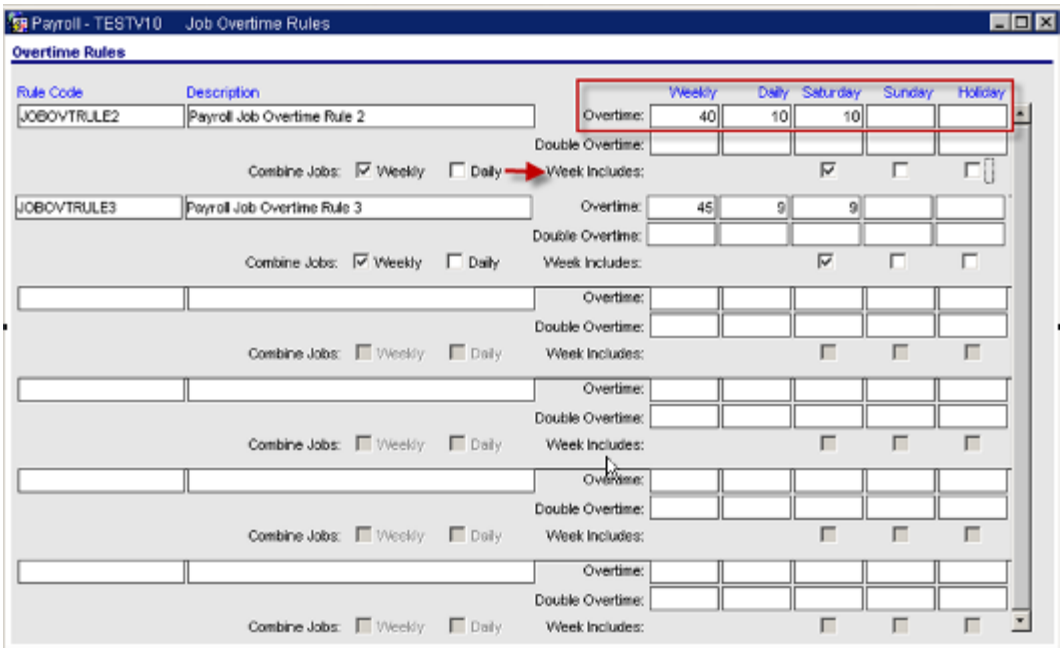
Modifications

In payroll Company Profile Maintenance, a new option (method 3) has been added for the 'Payroll Overtime Rule Method' in the General Tab.

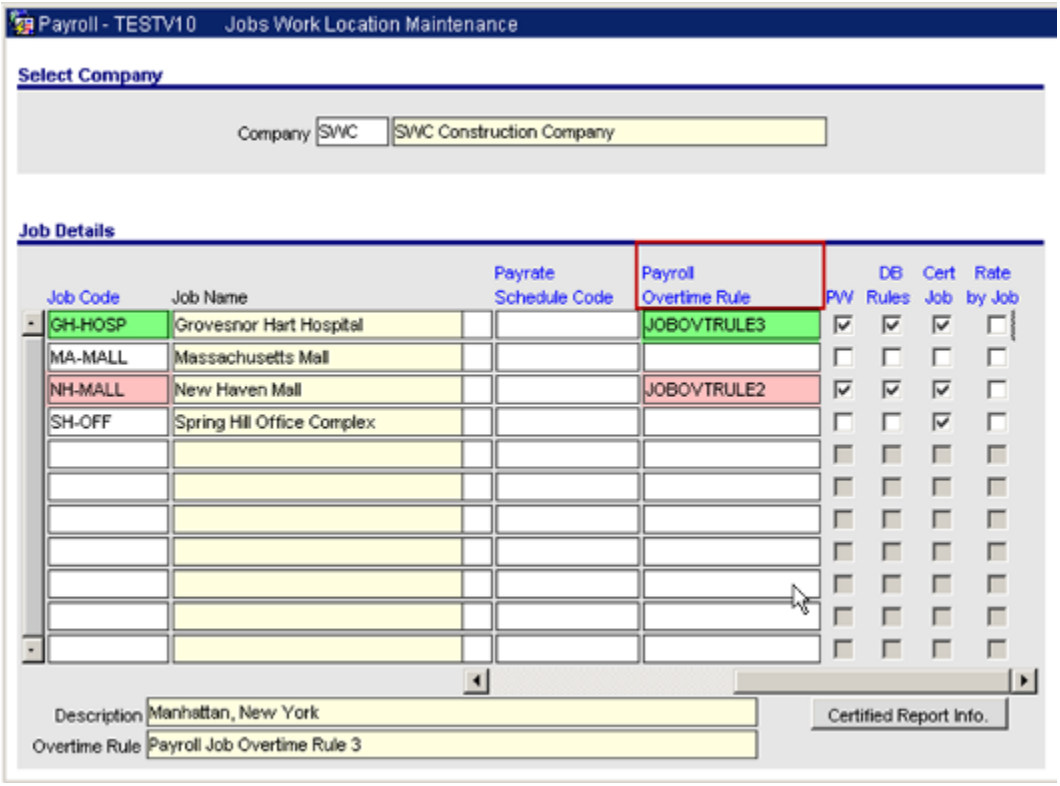


A new screen has been added to the Payroll Application for setting up Job Overtime Rules. To Setup job overtime rules, enter Normal Hours for day/week before Overtime Hours apply. Also check the box if Saturday/Sunday/Holidays are included in the week.





A New column ‘Payroll Overtime Rules’ is added to the ‘Job Work Locations Maintenance’ screen to assign overtime rule to jobs.



Leave Carry Forward Update on Anniversary Date (11.59108)

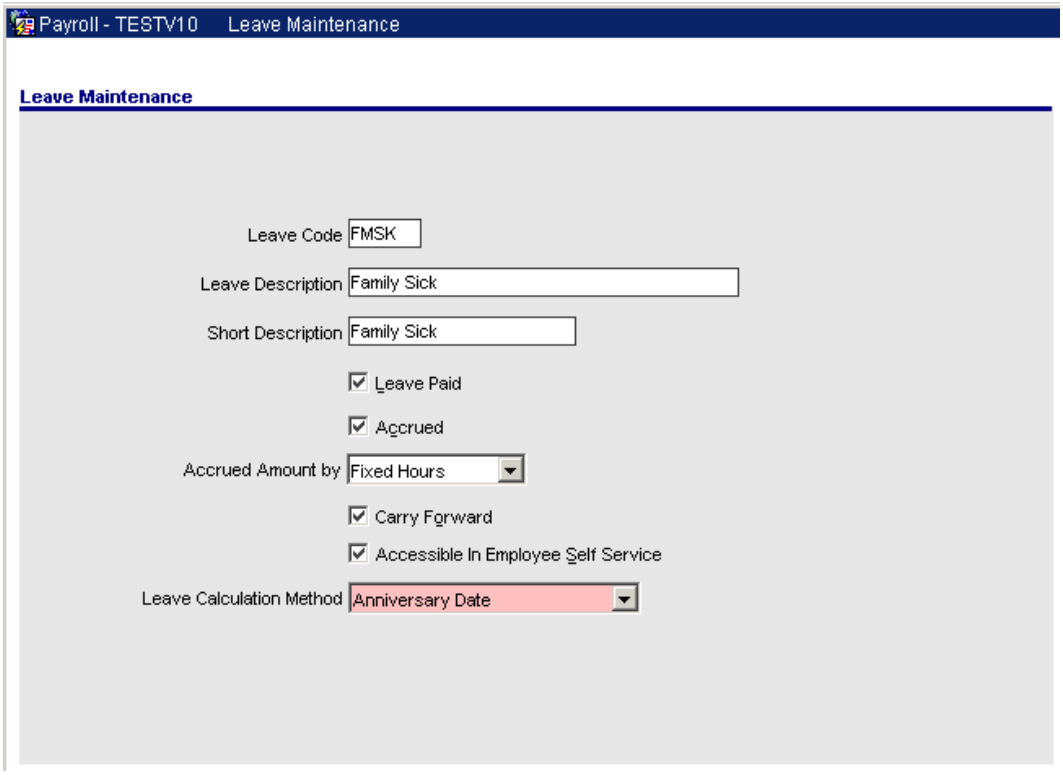
The Payroll application has been enhanced to store leaves based on employee Anniversary Date.

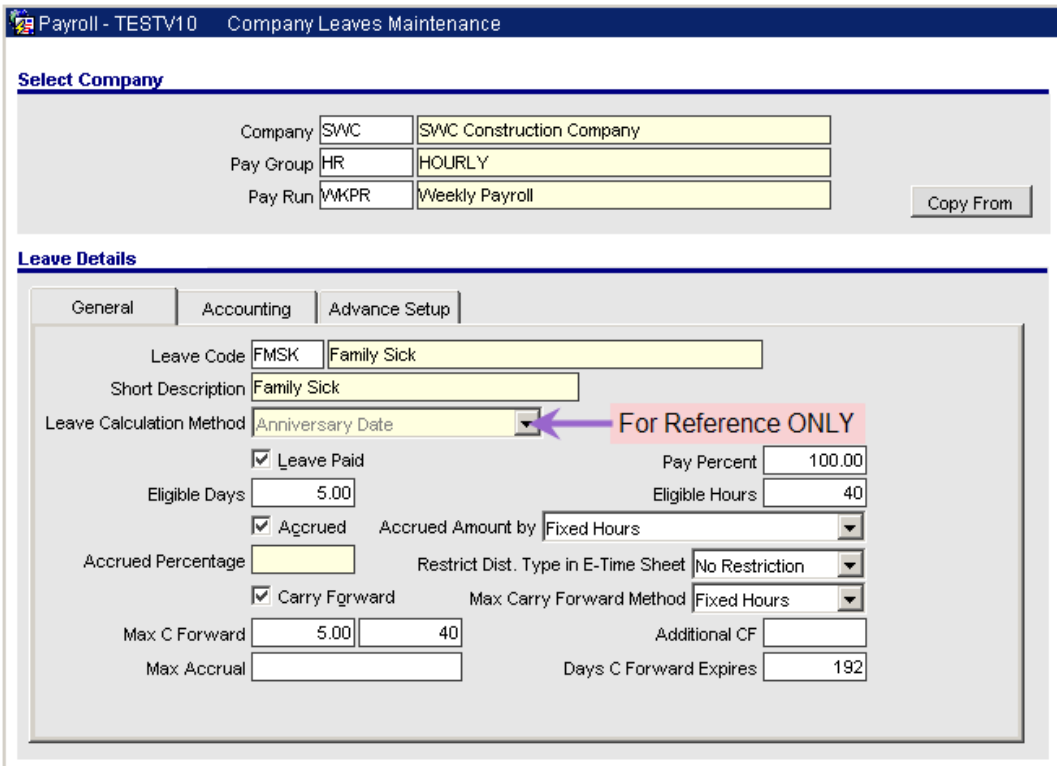
A new column 'Anniversary Date' is added to the Employee Leave Summary table for all leaves setup based on Anniversary Date. The check processing package is modified to populate the newly added column. Processing will start updating Anniversary Date from the Employee Profile based on the option selected under HR tab 'Calculate Accrued Leave From' = Hire Date/Re-Hire Date.

All timesheets are modified to verify the leave balance while entering timesheet. Also Employee Leave Listing Report and Void Check Processing are modified to update the leave balance as per new functionality.

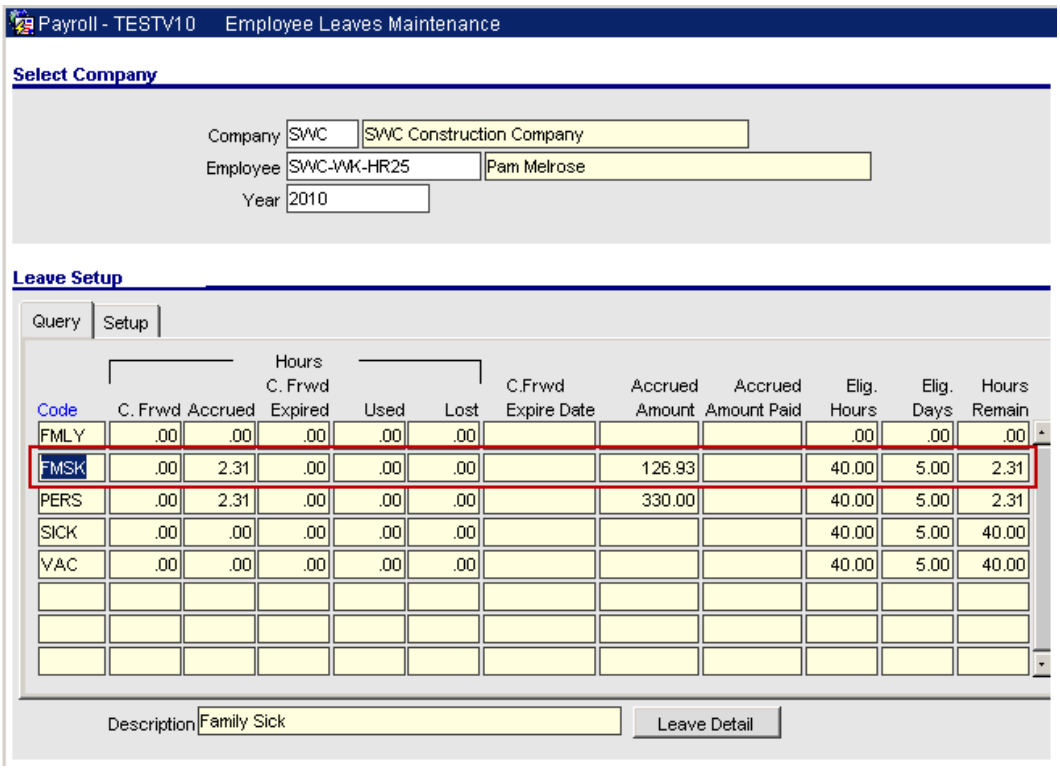
The modifications are outlined as below:

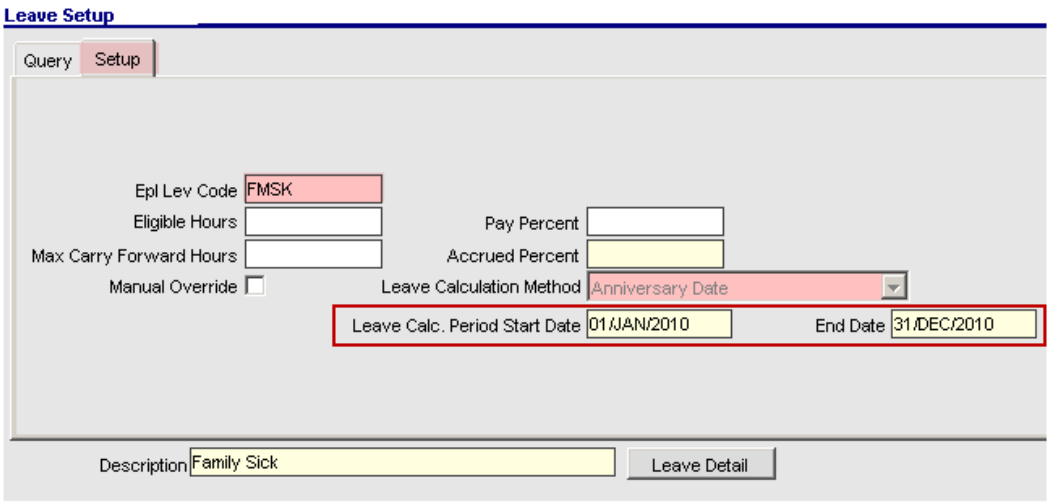
a) Leave Calculation Method can be set-up on the Leave Maintenance/Master as Anniversary Date, etc. This method will be displayed on the Company Leave Maintenance for reference ONLY.



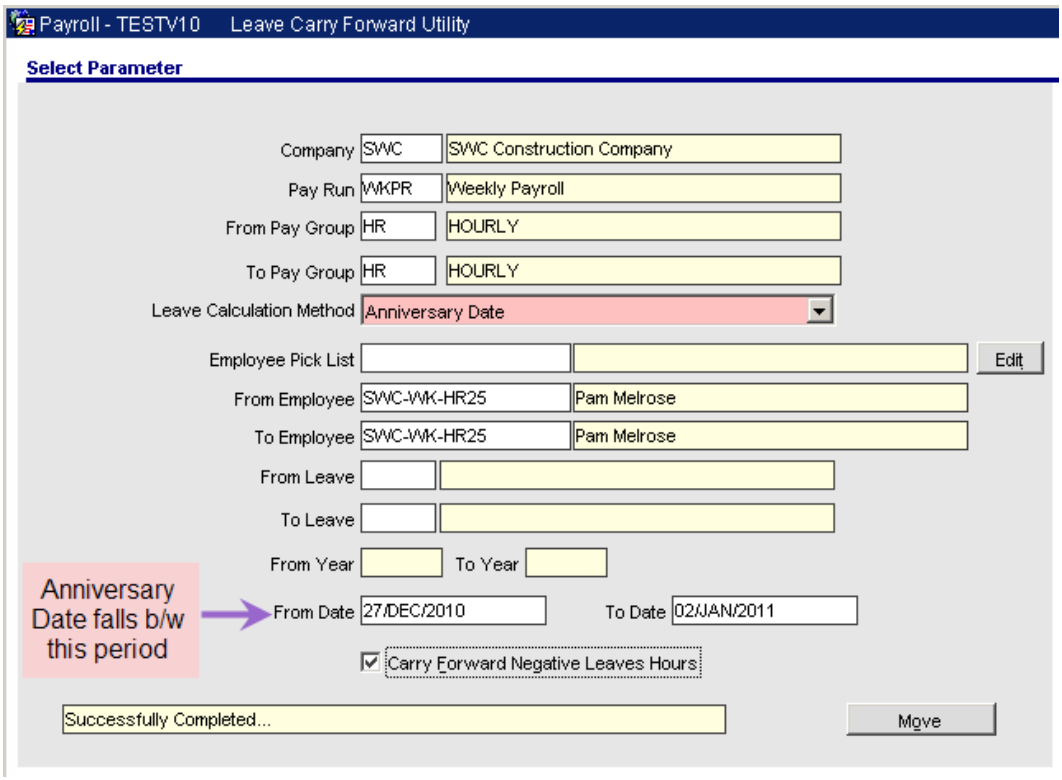


b) The Leave code for which the Leave Calculation Method is ‘Anniversary Date’, the Leave Calculation Period Start Date is the Employee’s Anniversary Date.





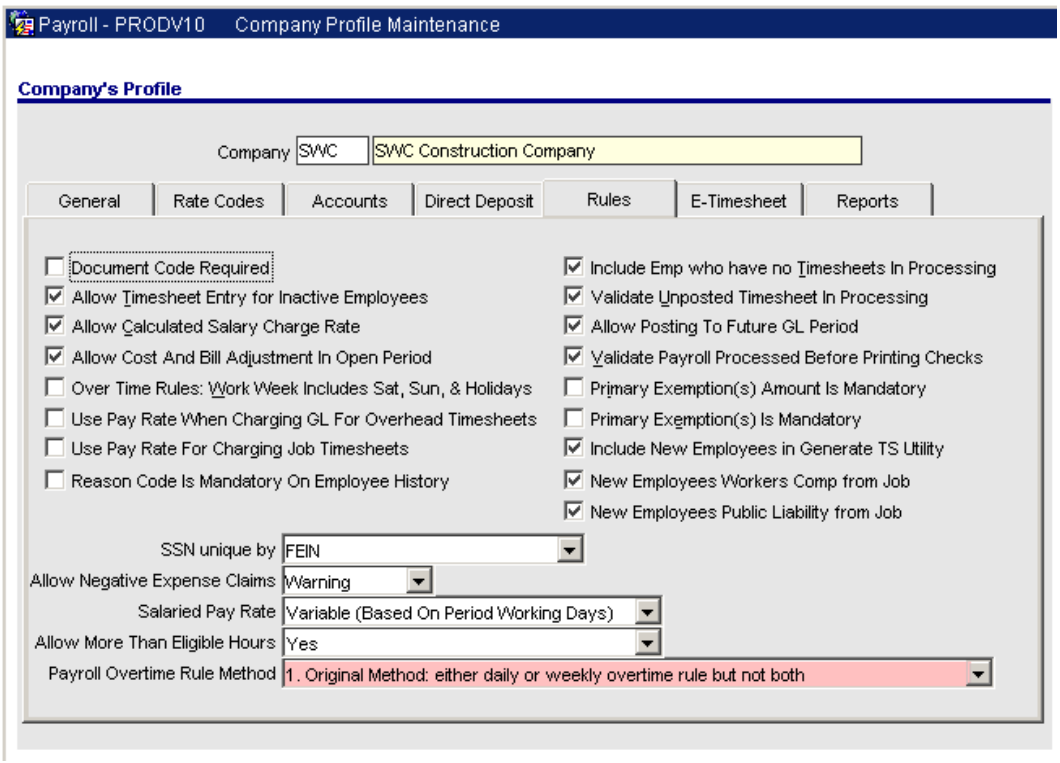
c) A new functionality ‘Leave Carry Forward Utility’ is implemented. This utility can be run by company, selected pay runs, pay groups or employees. The utility can be run every month or period based on company’s cut-off date. The utility will move carry forward based on the Anniversary Date to the next year and will reset all the USED and ACCRUED hours.

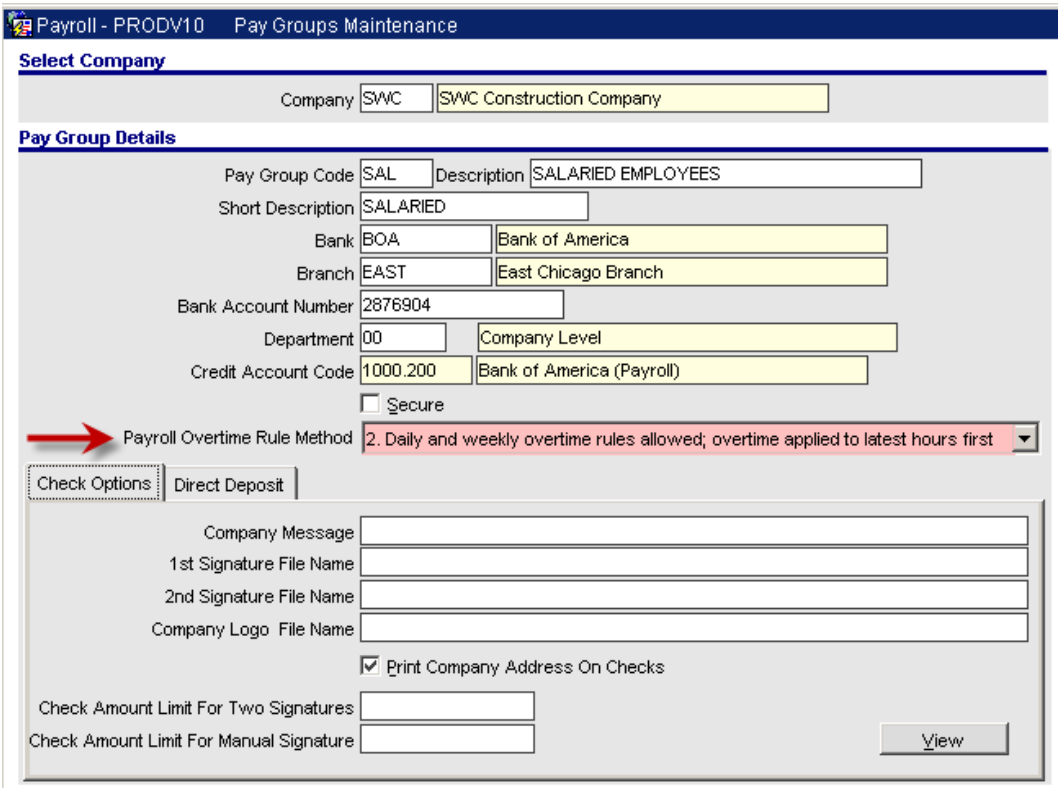


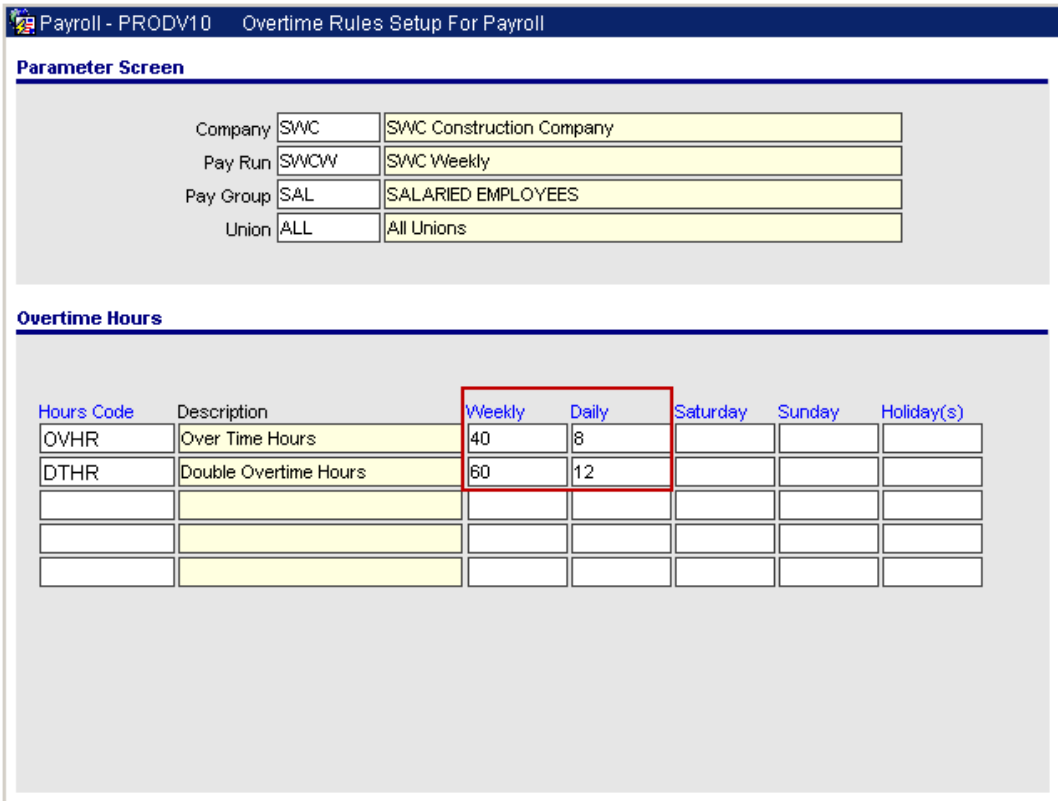
Multiple Overtime Methods (11.62372)

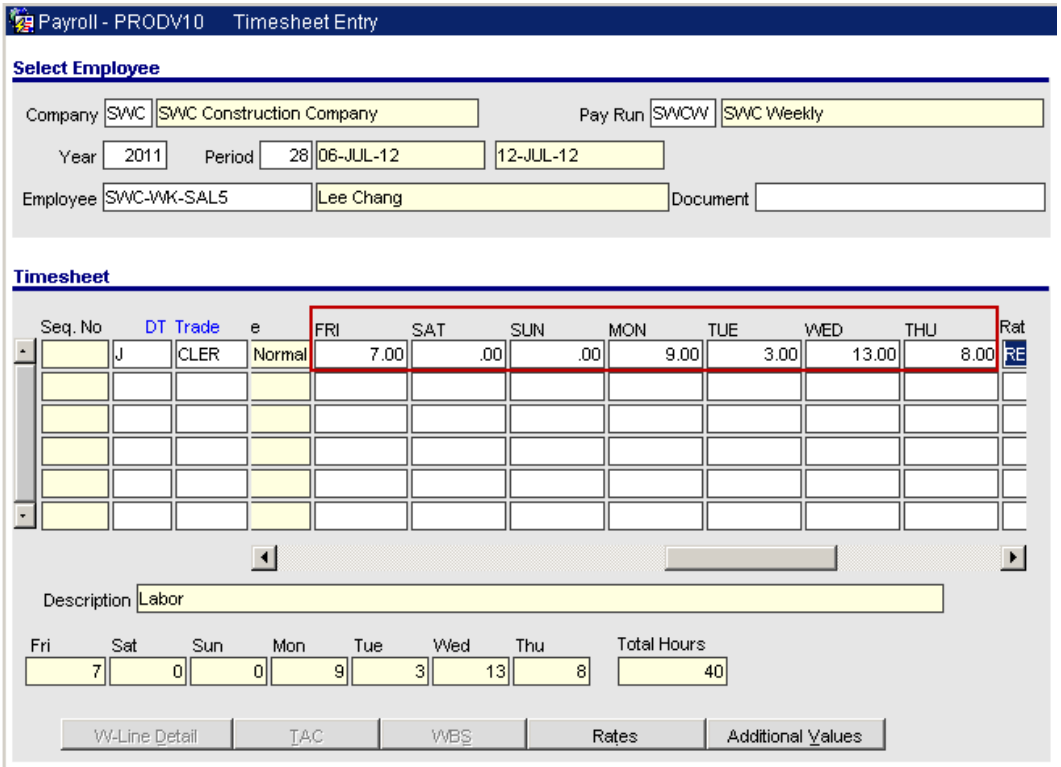
The Payroll application is enhanced to allow users to set/modify the 'Payroll Overtime Rule Method' at the Pay Group level.

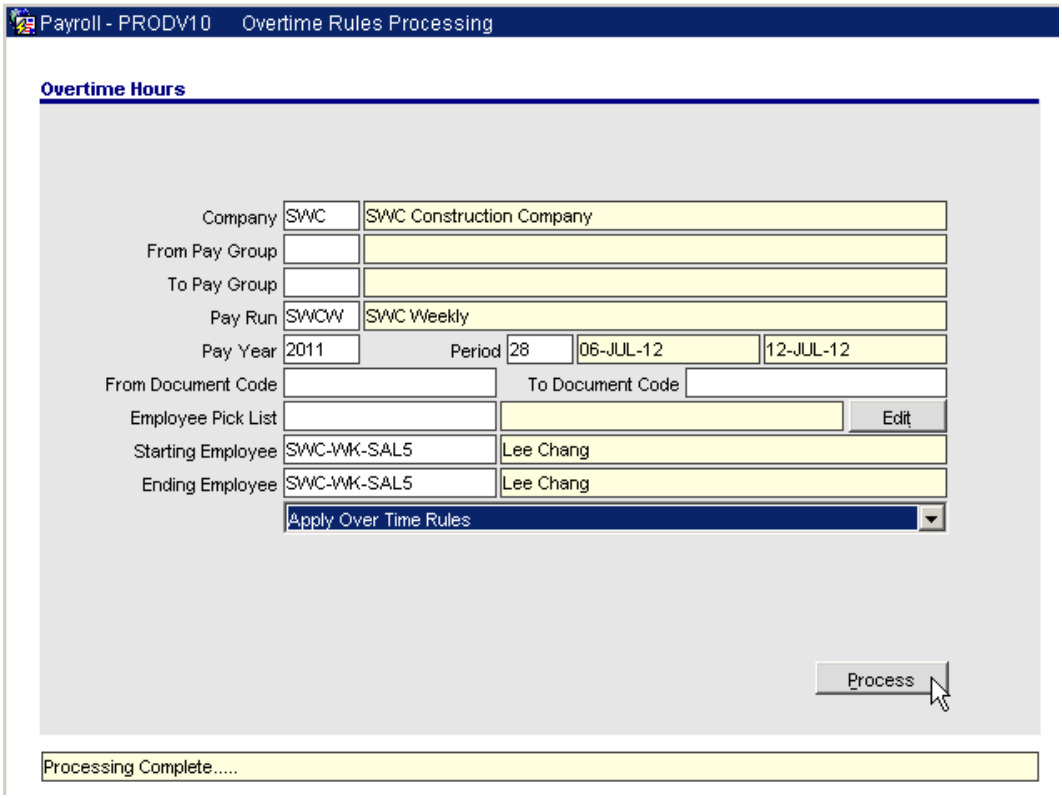
The Payroll Overtime Rule Method can be set for the company in the control file. If required, this method can be modified/overridden for Pay Groups in the 'Pay Groups Maintenance'. Users can select a different Method from the one selected in the control file. If no Payroll Overtime Rule Method is selected, then the program will apply the rule selected at the control file.

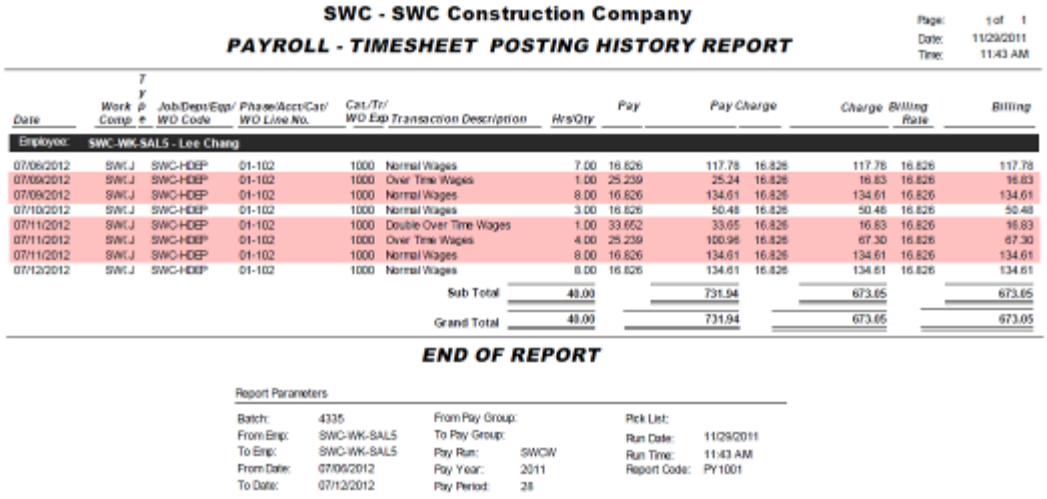

Payroll - PRODV10 Company Profile Maintenance
Company's Profile
Company SWC SWC Construction Company
General
Rate Codes
Accounts
Direct Deposit
Rules
E-Timesheet
Reports
Document Code Required
Allow Timesheet Entry for Inactive Employees
Allow Calculated Salary Charge Rate
Allow Cost And Bill Adjustment In Open Period
Over Time Rules: Work Week Includes Sat, Sun, & Holidays
Use Pay Rate When Charging GL For Overhead Timesheets
Use Pay Rate For Charging Job Timesheets
Reason Code Is Mandatory On Employee History
Include Emp who have no Timesheets In Processing
Validate Unposted Timesheet In Processing
Allow Posting To Future GL Period
Validate Payroll Processed Before Printing Checks
Primary Exemption(s) Amount Is Mandatory
Primary Exemption(s) Is Mandatory
Include New Employees in Generate TS Utility
New Employees Workers Comp from Job
New Employees Public Liability from Job
SSN unique by FEIN
Allow Negative Expense Claims Warning
Salaried Pay Rate Variable (Based On Period Working Days)
Allow More Than Eligible Hours Yes
Payroll Overtime Rule Method 1. Original Method: either daily or weekly overtime rule but not both


Payroll - PRODV10 Pay Groups Maintenance
Select Company
Company SWC SWC Construction Company
Pay Group Details
Pay Group Code SAL Description SALARIED EMPLOYEES
Short Description SALARIED
Bank BOA Bank of America
Branch EAST East Chicago Branch
Bank Account Number 2876904
Department 00 Company Level
Credit Account Code 1000.200 Bank of America (Payroll)
Secure
Payroll Overtime Rule Method 2. Daily and weekly overtime rules allowed; overtime applied to latest hours first
Check Options
Direct Deposit
Company Message
1st Signature File Name
2nd Signature File Name
Company Logo File Name
Print Company Address On Checks
Check Amount Limit For Two Signatures
Check Amount Limit For Manual Signature
View


Payroll - PRODV10 Overtime Rules Setup For Payroll
Parameter Screen
Company SWC SWC Construction Company
Pay Run SWCW SWC Weekly
Pay Group SAL SALARIED EMPLOYEES
Union ALL All Unions
Overtime Hours
Hours Code Description Weekly Daily Saturday Sunday Holiday(s)
OVHR Over Time Hours 40 8
DTHR Double Overtime Hours 60 12


Payroll - PRODV10 Timesheet Entry
Select Employee
Company SWC SWC Construction Company
Pay Run SWCW SWC Weekly
Year 2011 Period 28 06-JUL-12 12-JUL-12
Employee SWC-WK-SAL5 Lee Chang Document
Timesheet
Seq. No DT Trade e FRI SAT SUN MON TUE WED THU Rat
J CLER Normal 7.00 .00 .00 9.00 3.00 13.00 8.00
Description Labor
Fri Sat Sun Mon Tue Wed Thu Total Hours
7 0 0 9 3 13 8 40
W-Line Detail TAC WBS Rates Additional Values





SWC - SWC Construction Company

PAYROLL - TIMESHEET POSTING HISTORY REPORT

Page: 1 of 1
Date: 11/29/2011
Time: 11:43 AM

Date	Work Comp	Type	Job/Dept/Equ/ WO Code	Phase/Acct/Cat/ WO Line No.	Cat/Tr/ WO Exp	Transaction Description	Hrs/Qty	Pay		Pay Charge		Charge	Billing Rate	Billing
Employee:	SWC-WK-SAL5 - Lee Chang													
07/06/2012	SWCJ		SWC-HDEP	01-102	1000	Normal Wages	7.00	16.826		117.78	16.826	117.78	16.826	117.78
07/06/2012	SWCJ		SWC-HDEP	01-102	1000	Over Time Wages	1.00	25.239		25.24	16.826	16.83	16.826	16.83
07/09/2012	SWCJ		SWC-HDEP	01-102	1000	Normal Wages	8.00	16.826		134.61	16.826	134.61	16.826	134.61
07/10/2012	SWCJ		SWC-HDEP	01-102	1000	Normal Wages	3.00	16.826		50.48	16.826	50.48	16.826	50.48
07/11/2012	SWCJ		SWC-HDEP	01-102	1000	Double Over Time Wages	1.00	33.652		33.65	16.826	16.83	16.826	16.83
07/11/2012	SWCJ		SWC-HDEP	01-102	1000	Over Time Wages	4.00	25.239		100.96	16.826	67.30	16.826	67.30
07/11/2012	SWCJ		SWC-HDEP	01-102	1000	Normal Wages	8.00	16.826		134.61	16.826	134.61	16.826	134.61
07/12/2012	SWCJ		SWC-HDEP	01-102	1000	Normal Wages	8.00	16.826		134.61	16.826	134.61	16.826	134.61
						Sub Total	40.00			731.94		673.65		673.65
						Grand Total	40.00			731.94		673.65		673.65

END OF REPORT

Report Parameters

Batch:	4335	From Pay Group:		Pick List:	
From Emp:	SWC-WK-SAL5	To Pay Group:		Run Date:	11/29/2011
To Emp:	SWC-WK-SAL5	Pay Run:	SWCW	Run Time:	11:43 AM
From Date:	07/06/2012	Pay Year:	2011	Report Code:	PY1001
To Date:	07/12/2012	Pay Period:	28		

Unpaid Hours not Charged to Job Costing (11.63172)

The Payroll application is enhanced with different Leave Types. Depending on the leave type selection in the Master Leave Maintenance, timesheet posting process is also enhanced to handle the new functionality to post or not to post the charges to GL/JC.

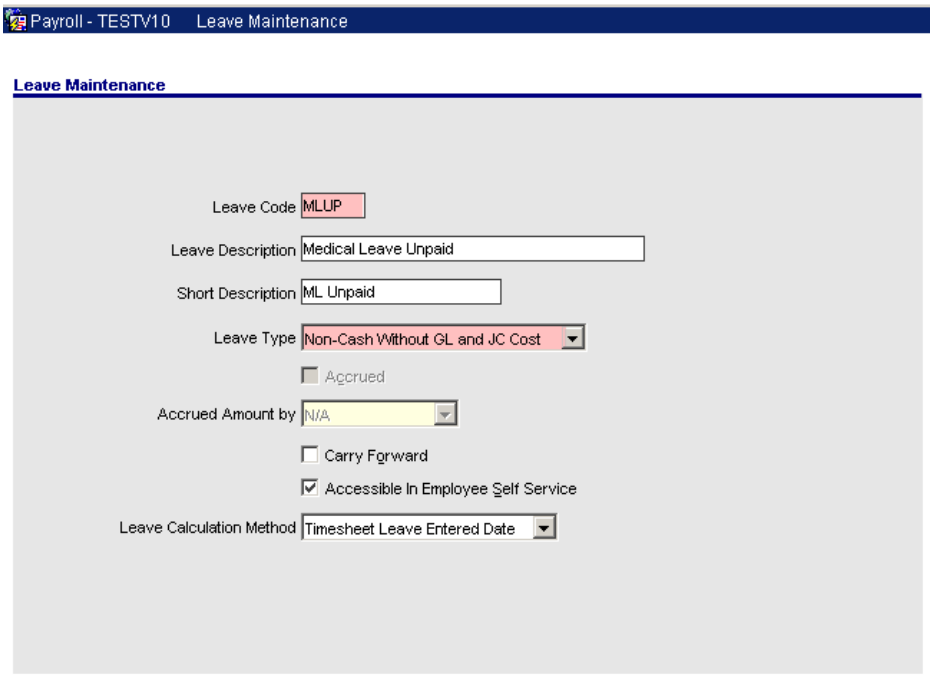
Modifications:

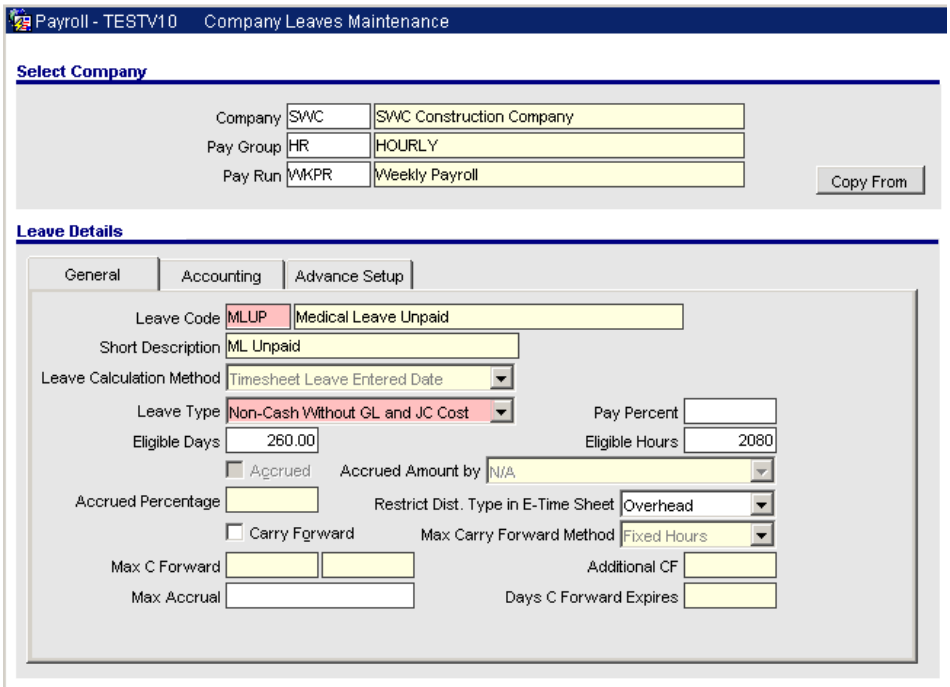
A new drop-down menu ‘Leave Type’ is added to the Master Leave Maintenance and the Company Leaves Maintenance. The options available for selection are:

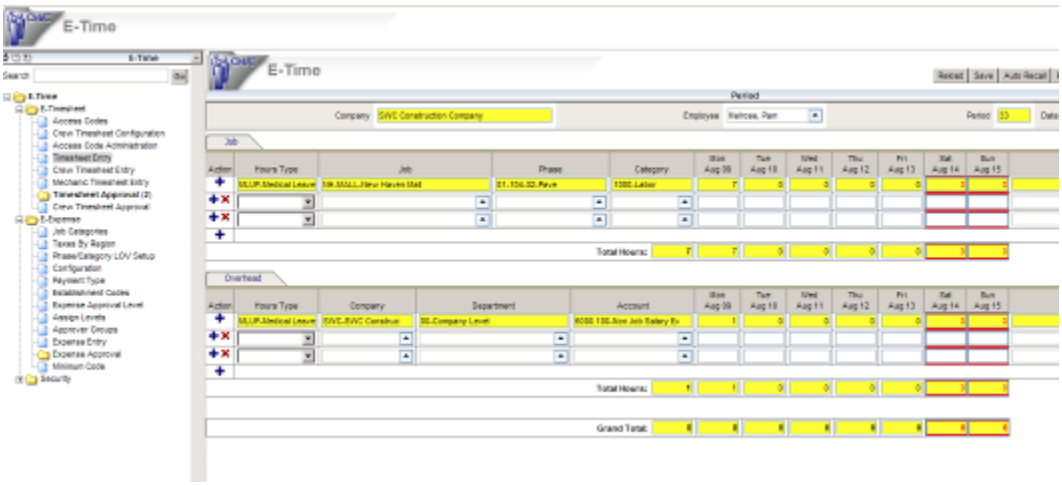
- **Cash**: Cost charged to both GL and JC

- **Non-cash:** Cost charged to JC but not to GL
- **Non-cash without GL and JC cost:** Cost not charged to JC and GL

The option selected in the Master Leave Maintenance is defaulted to the Company Leaves Maintenance and can be overridden if required.







JOB COSTING - JC POSTING REPORT Time: 04:02 PM

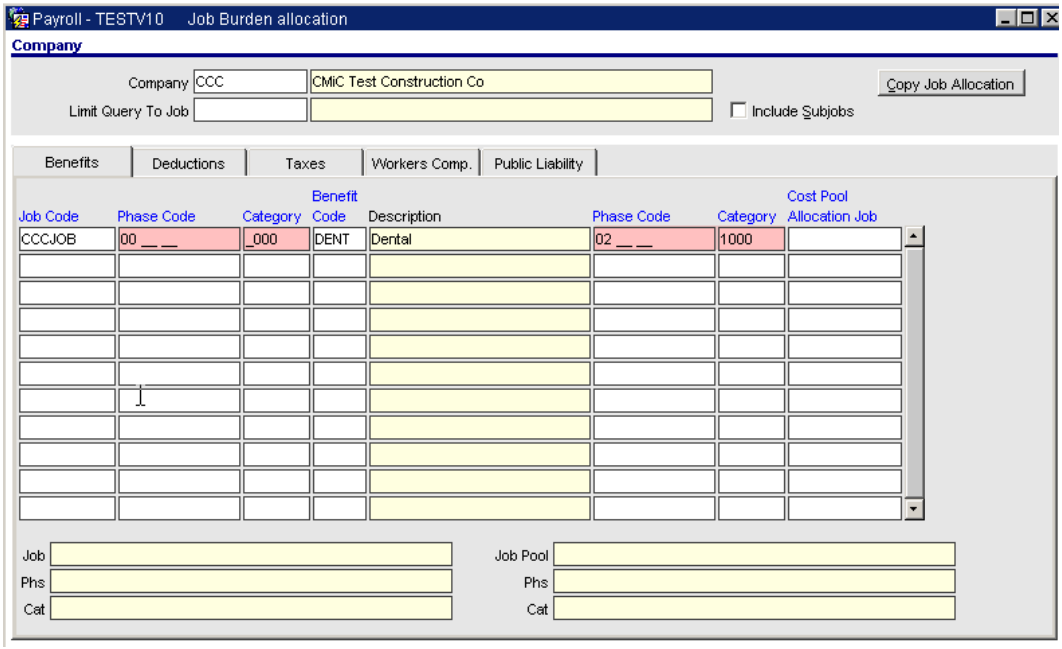
Co	T	Dept	Account	Job	Phase	Cat	Source Code	Reference Code	Ref Date	Post Date	Batch	Src	PO/SC	WM	Quantity	Amount
SWC	C	00	5200.100	NH-MALL	01-104-02	1000	SWC-WK-HR2! WKPR WKPR201033		AUG 15, 2010	AUG 15, 2010	47102	PY		HR	7.00	0.00

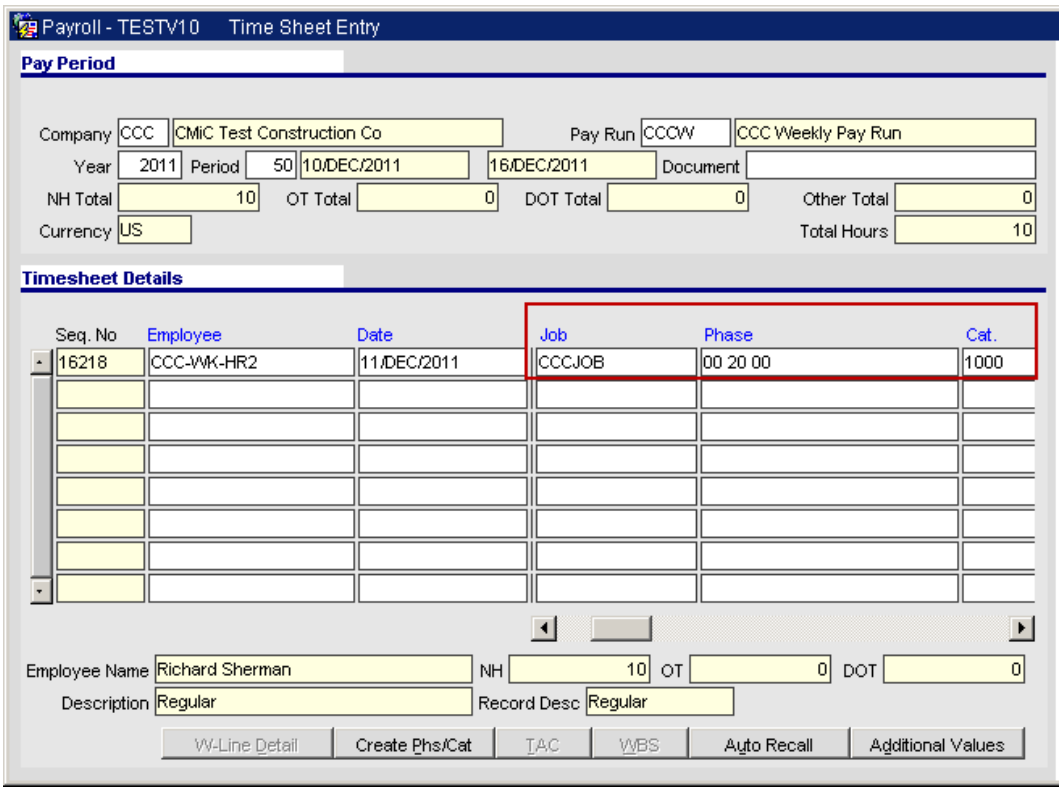
Total for Job NH-MALL 0.00
Total for Company SWC 0.00
Total for Currency US 0.00

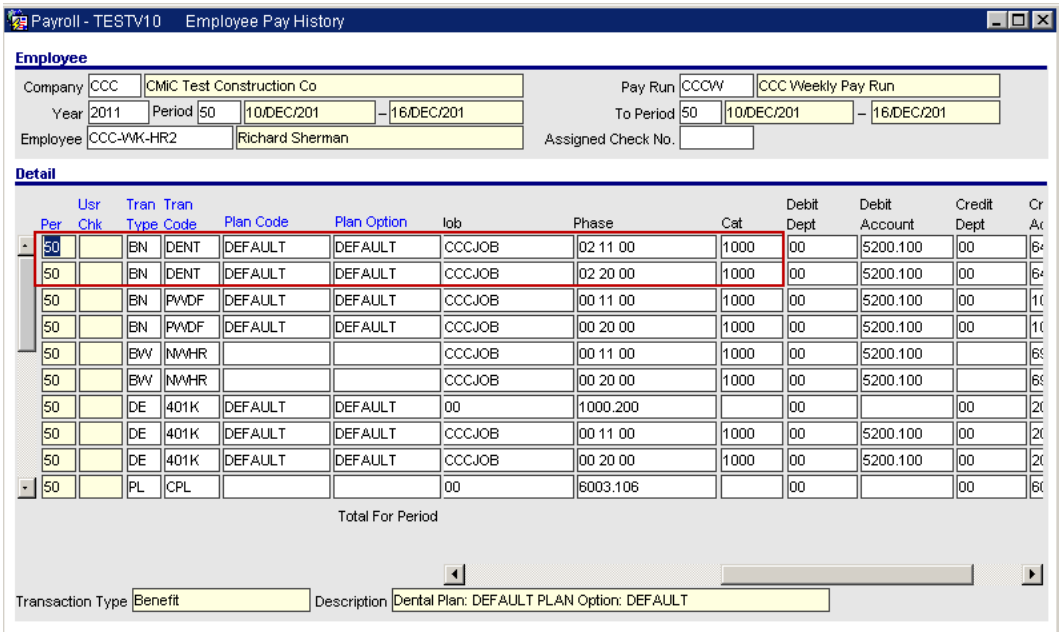
END OF REPORT

Wild Card Setup for Job Burden Allocation (11.63603)

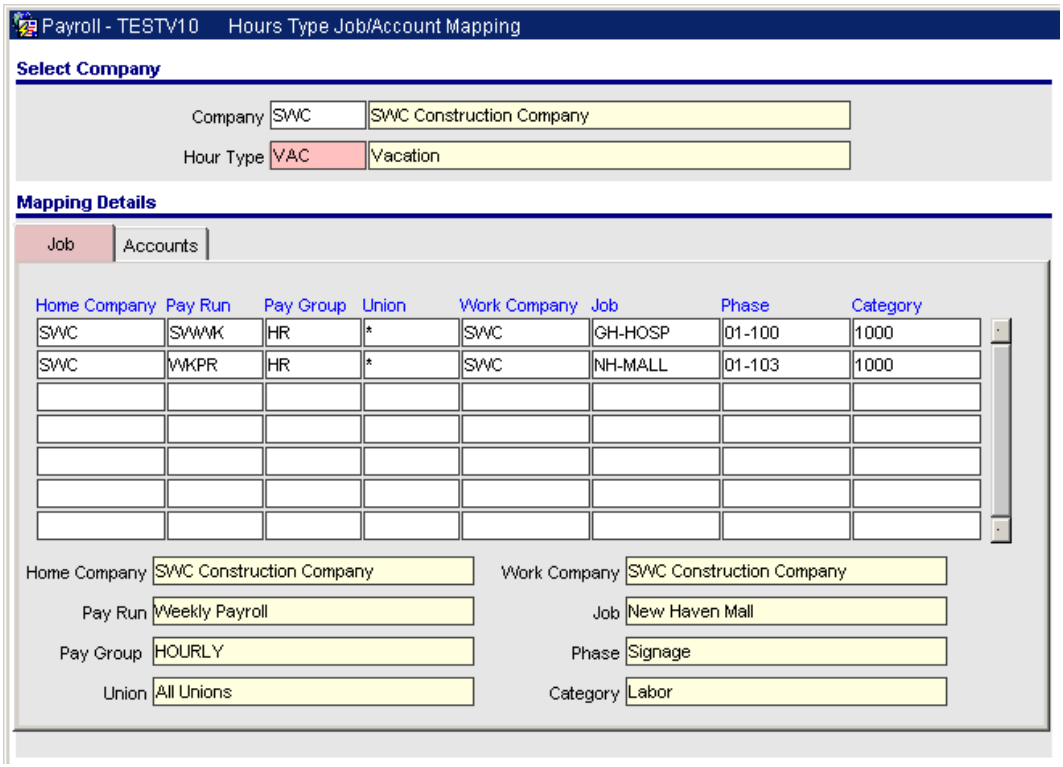
CMiC enhanced the 'Job Burden Allocation' screen to allow users to enter replacement character '_' in the Source Phase, Source Category, Burden Phase and Burden Category fields.




Payroll - TESTV10 Time Sheet Entry
Pay Period
Company CCC CMiC Test Construction Co
Pay Run CCCW CCC Weekly Pay Run
Year 2011 Period 50 10/DEC/2011 16/DEC/2011 Document
NH Total 10 OT Total 0 DOT Total 0 Other Total 0
Currency US Total Hours 10
Timesheet Details
Seq. No Employee Date Job Phase Cat.
16218 CCC-WK-HR2 11/DEC/2011 CCCJOB 00 20 00 1000
Employee Name Richard Sherman NH 10 OT 0 DOT 0
Description Regular Record Desc Regular
W-Line Detail Create Phs/Cat TAC WBS Auto Recall Additional Values


Payroll - TESTV10 Employee Pay History
Employee
Company CCC CMiC Test Construction Co
Pay Run CCCW CCC Weekly Pay Run
Year 2011 Period 50 10/DEC/201 – 16/DEC/201
To Period 50 10/DEC/201 – 16/DEC/201
Employee CCC-WK-HR2 Richard Sherman
Assigned Check No.
Detail
Per Usr Chk Tran Type Tran Code Plan Code Plan Option Iob Phase Cat Debit Dept Debit Account Credit Dept
50 BN DENT DEFAULT DEFAULT CCCJOB 02 11 00 1000 00 5200.100 00
50 BN DENT DEFAULT DEFAULT CCCJOB 02 20 00 1000 00 5200.100 00
50 BN PWDF DEFAULT DEFAULT CCCJOB 00 11 00 1000 00 5200.100 00
50 BN PWDF DEFAULT DEFAULT CCCJOB 00 20 00 1000 00 5200.100 00
50 BW NWHR CCCJOB 00 11 00 1000 00 5200.100
50 BW NWHR CCCJOB 00 20 00 1000 00 5200.100
50 DE 401K DEFAULT DEFAULT 00 1000.200 00
50 DE 401K DEFAULT DEFAULT CCCJOB 00 11 00 1000 00 5200.100 00
50 DE 401K DEFAULT DEFAULT CCCJOB 00 20 00 1000 00 5200.100 00
50 PL CPL 00 6003.106 00
Total For Period
Transaction Type Benefit Description Dental Plan: DEFAULT PLAN Option: DEFAULT

Hours Type Job/Acct Mapping (11.59932)



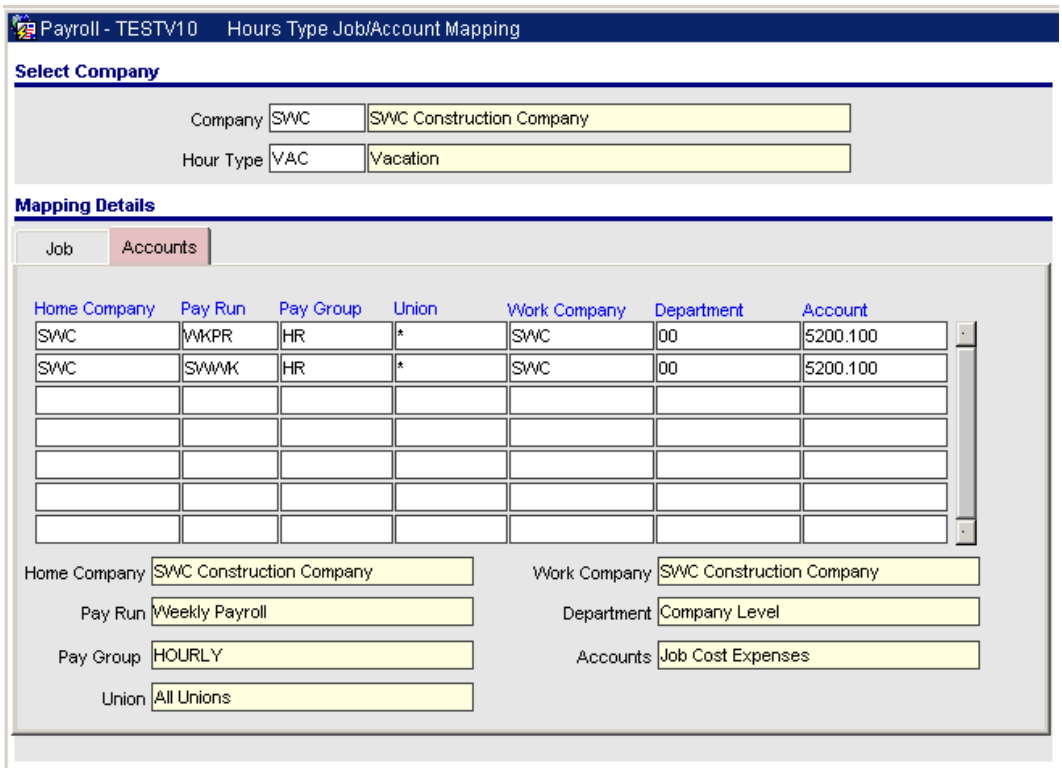
CMiC enhanced the E-time application (both JSP and Form) with a new functionality 'Hours Type Job/Acct Mapping'. This functionality allows the user to restrict Hour Type by Job/Phase/Category. CMiC also enhanced the Daily Journal program to be in-line with the above modifications.

These modifications will NOT impact any regular timesheet entry programs.

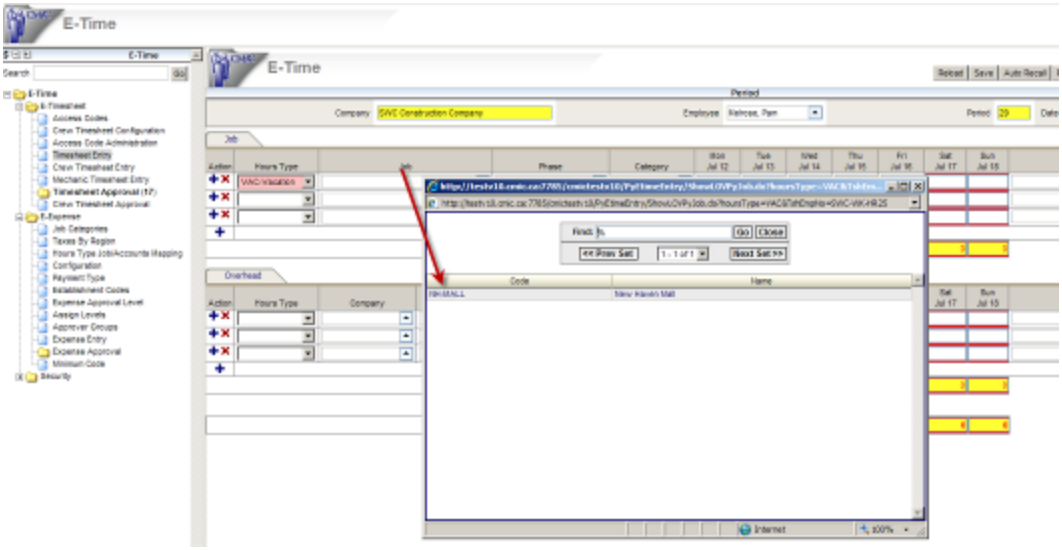
The new 'Hours Type Job/Acct Mapping' screen allows the user to restrict an Hour Type by a Job/Phase/Category for a specific Home/Work Company, Pay Run, Pay Group and Union. User can select '*' for all Hour Types. Also in the detail block '*' can be selected for all the fields.

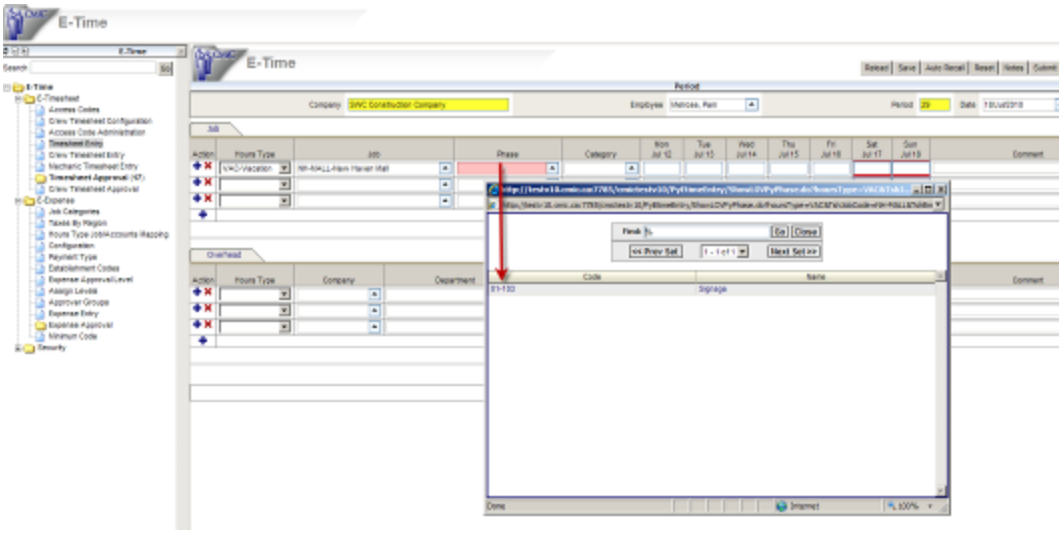
In the Daily Journal program the LOV for the Hour Type is modified to validate options against the 'Hours Type Job/Acct Mapping' setup.

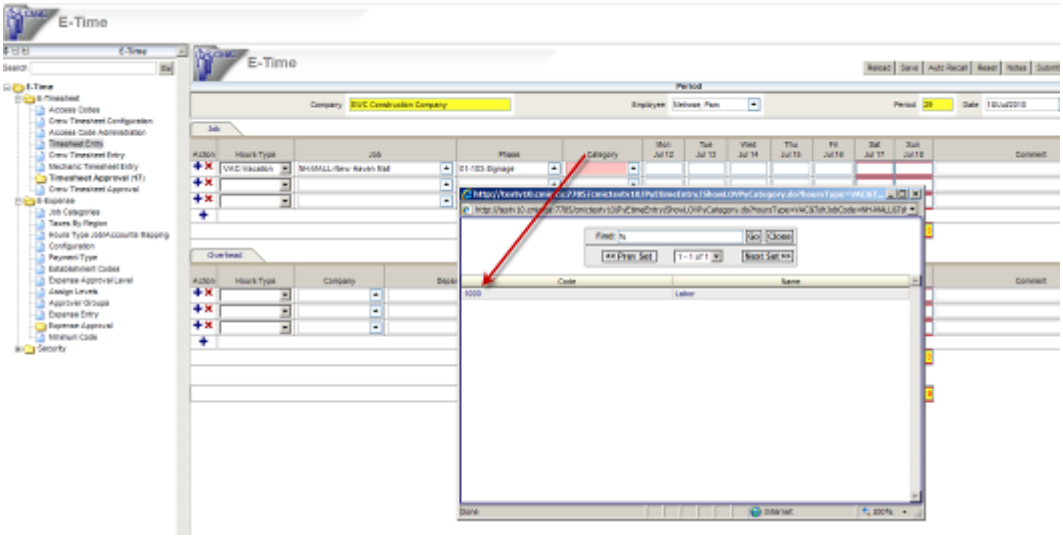
When 'Overhead' is selected on the Timesheet Entry form, for an Hour Type setup with account mapping the Department/Account LOVs will be restricted to the ones selected on the 'Hours Type Job/Acct Mapping' screen.

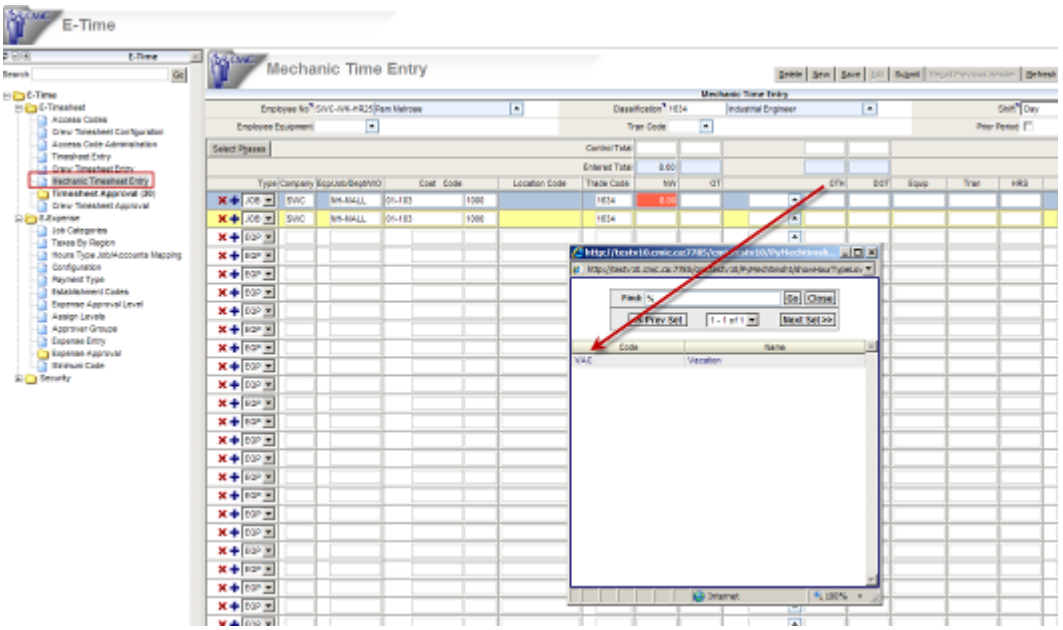


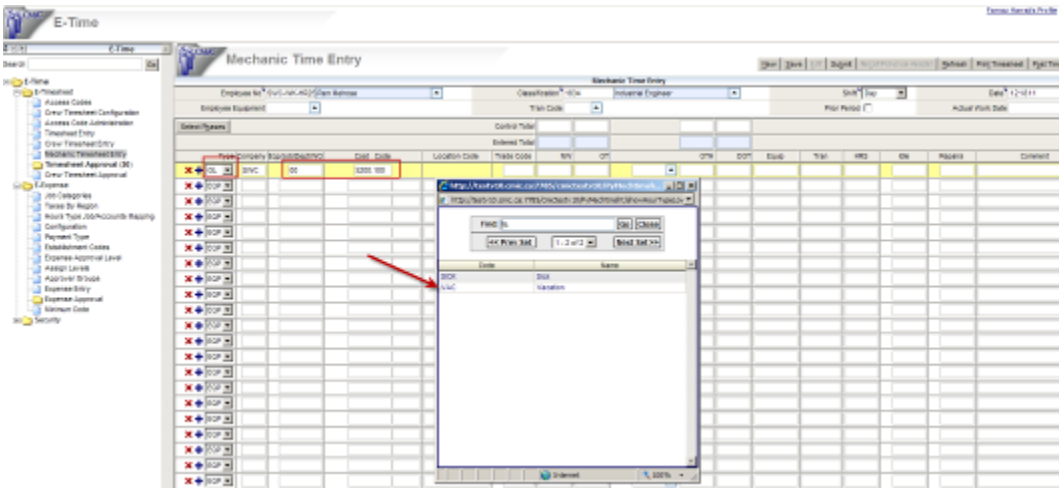
E-time JSP Application is also modified for ‘Timesheet Entry’ and ‘Mechanic Timesheet Entry’ to support the ‘Hours Type Job/Acct Mapping’ enhancement.



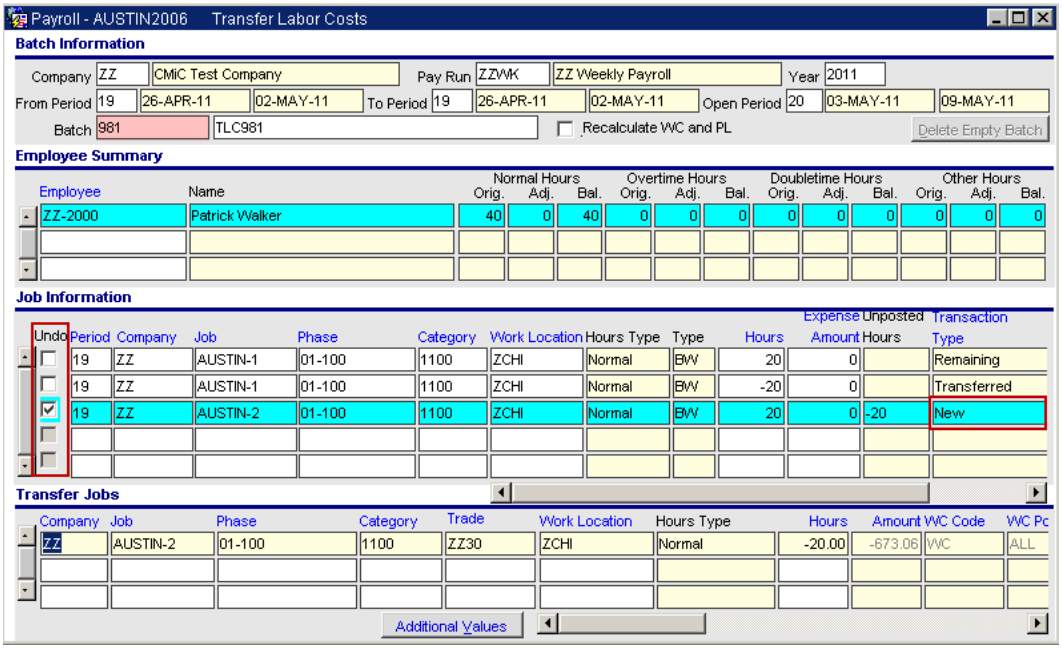

E-Time
E-Time


E-Time
E-Time


E-Time
Mechanic Time Entry

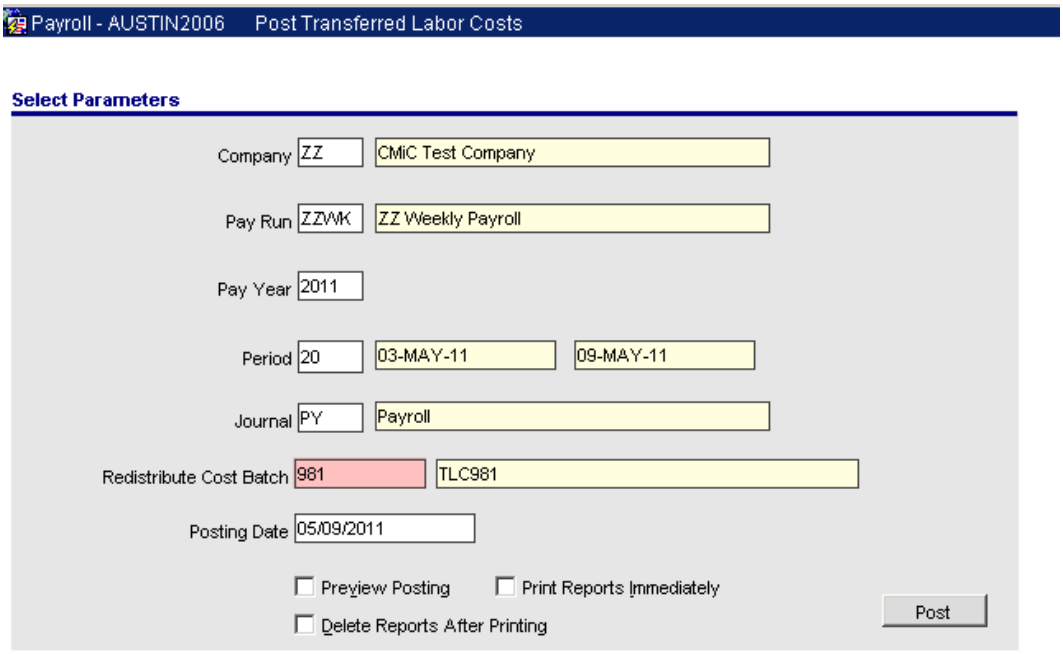


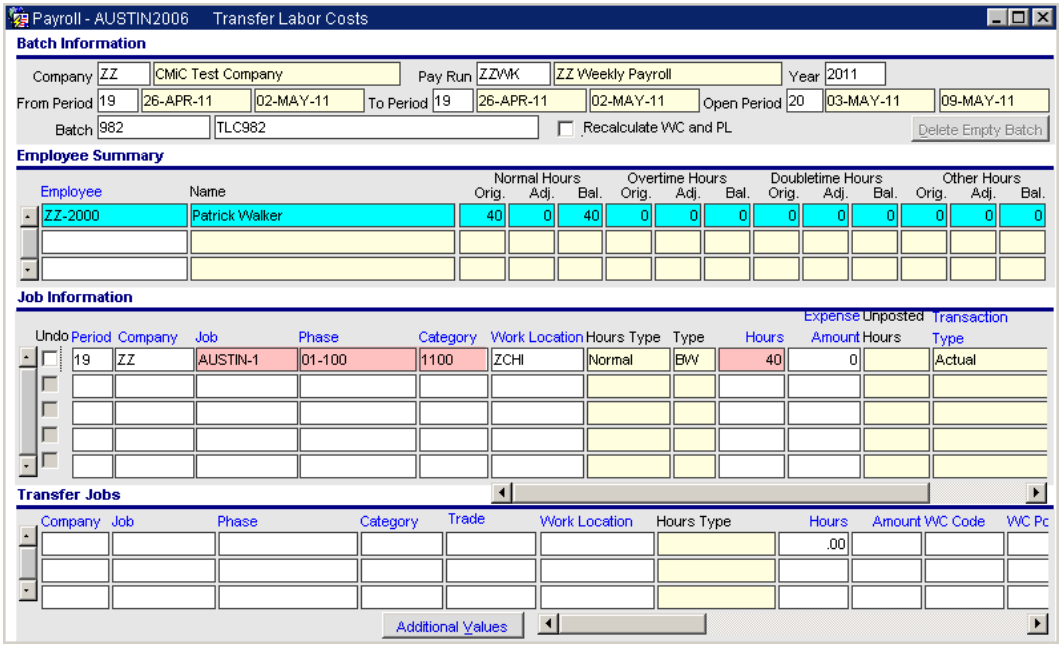
Labor Transfer (11.62371)



The Payroll application has been enhanced for the Labor Transfer with an ‘Undo’ feature so that the users can transfer back a previously transferred timesheet. There is no manual process required and this feature automatically does this process.

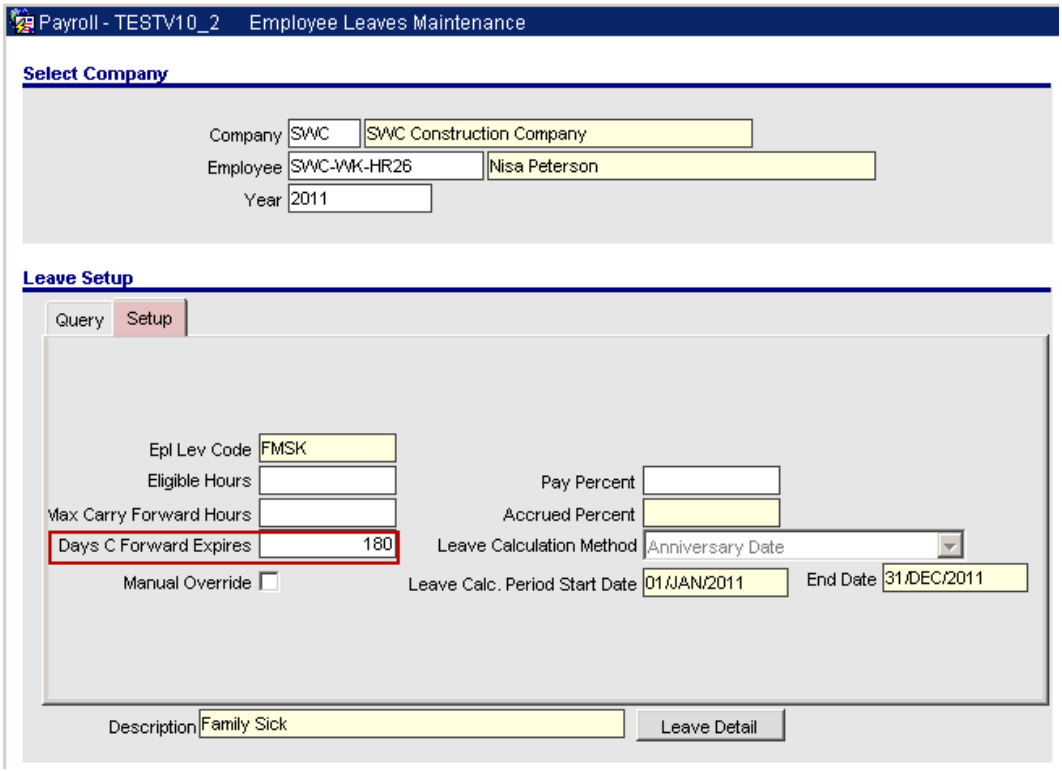
The ‘Undo’ feature is only applicable to the entries with the Transaction Type = New.

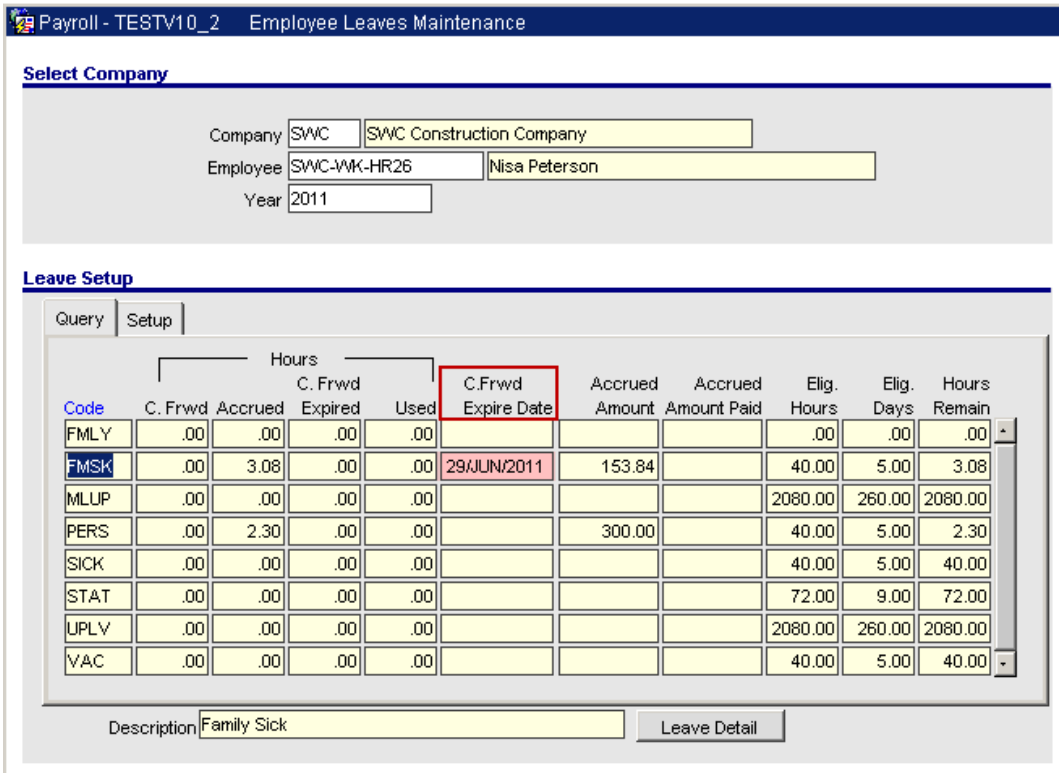




‘Days Carry Forward Expires’ on Employee Specific Level (11.59108)

‘Days Carry Forward Expires’ can be set at the Employee Leave Maintenance under the Setup menu. If this field is null at the Employee Leave Setup, the program will look at the Leave Table Setup and if this value is also null the program will get the value from the Company Leave Setup.


Payroll - TESTV10_2 Employee Leaves Maintenance
Select Company
Company SWC SWC Construction Company
Employee SWC-WK-HR26 Nisa Peterson
Year 2011
Leave Setup
Query Setup
Epl Lev Code FMSK
Eligible Hours
Max Carry Forward Hours
Days C Forward Expires 180
Manual Override
Pay Percent
Accrued Percent
Leave Calculation Method Anniversary Date
Leave Calc. Period Start Date 01/JAN/2011
End Date 31/DEC/2011
Description Family Sick
Leave Detail


Payroll - TESTV10_2 Employee Leaves Maintenance
Select Company
Company SWC SWC Construction Company
Employee SWC-WK-HR26 Nisa Peterson
Year 2011
Leave Setup
Query Setup
Hours
Code C. Frwd Accrued C. Frwd Expired Used C.Frwd Expire Date Accrued Amount Accrued Amount Paid Elig. Hours Elig. Days Hours Remain
FMLY .00 .00 .00 .00 .00 .00 .00 .00
FMSK .00 3.08 .00 .00 29/JUN/2011 153.84 40.00 5.00 3.08
MLUP .00 .00 .00 .00 2080.00 260.00 2080.00
PERS .00 2.30 .00 .00 300.00 40.00 5.00 2.30
SICK .00 .00 .00 .00 40.00 5.00 40.00
STAT .00 .00 .00 .00 72.00 9.00 72.00
UPLV .00 .00 .00 .00 2080.00 260.00 2080.00
VAC .00 .00 .00 .00 40.00 5.00 40.00
Description Family Sick
Leave Detail

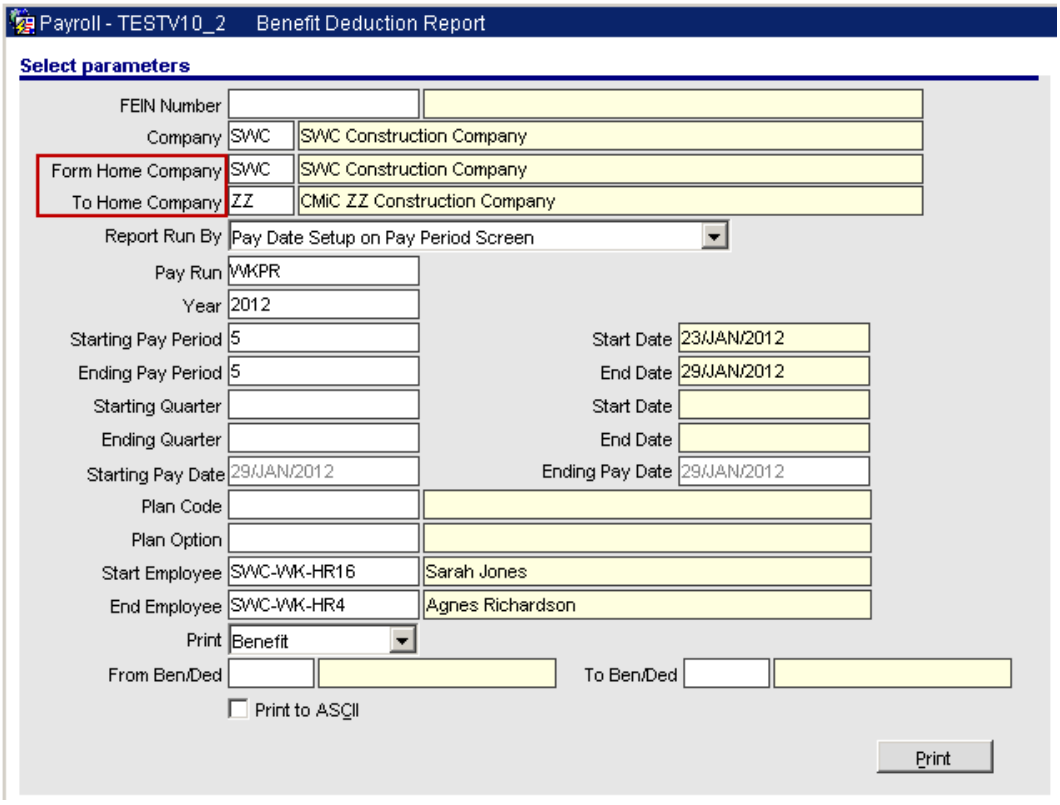
PY Reports Home Company Parameter (11.62158)

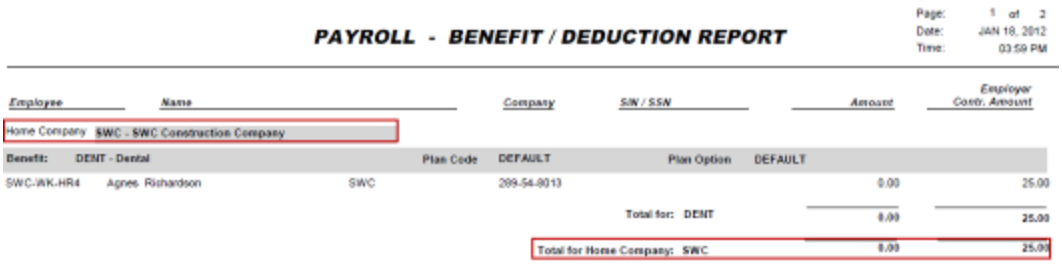
Overview:

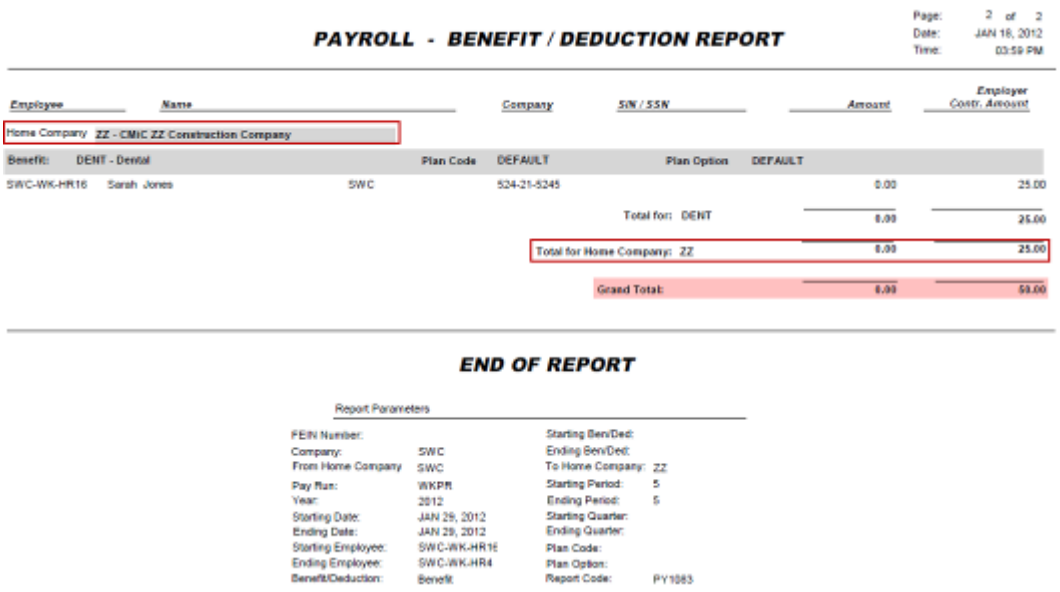
CMiC modified the Benefit/Deduction Register Report (PY1083) and Check Reconciliation Report (PY1086) and added the From and To Home company parameter on the reports. Also the reports were modified to display the totals by home company and Payroll Company at the end as grand totals.

Modifications:

(I) PY1083 – Benefit/Deduction Register







PAYROLL - BENEFIT / DEDUCTION REPORT

Page: 2 of 2
Date: JAN 16, 2012
Time: 03:59 PM

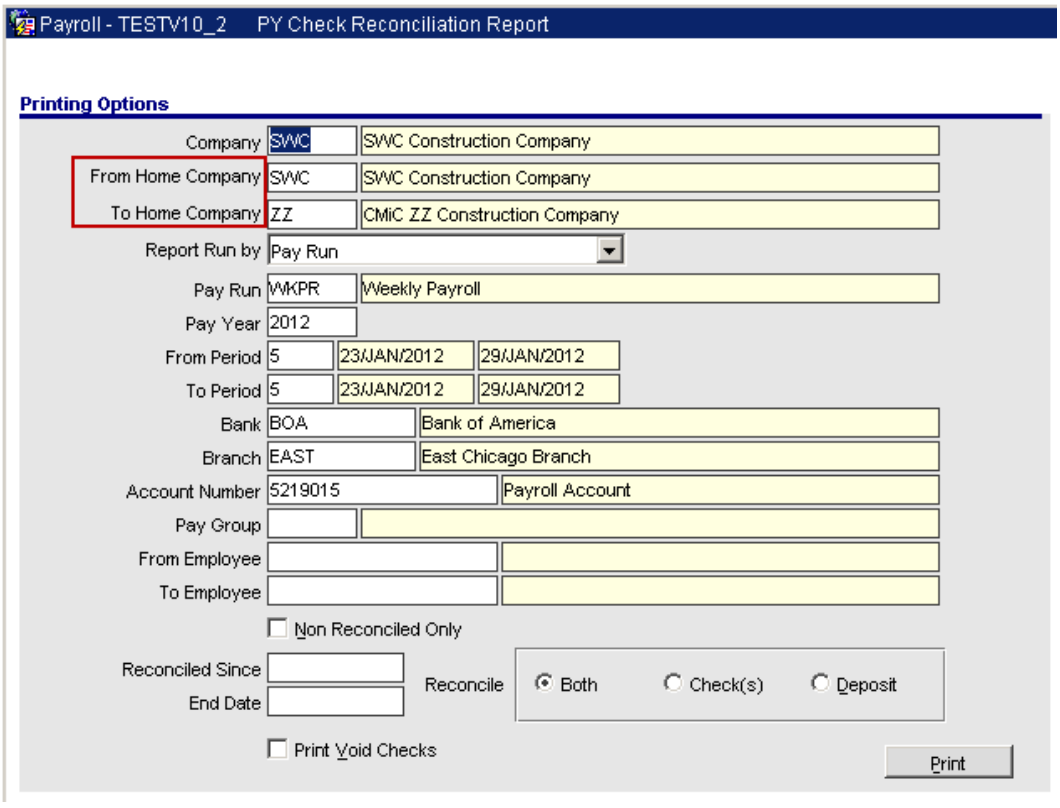
Employee	Name	Company	SIN / SSN	Amount	Employer Contr. Amount
Home Company ZZ - CMiC ZZ Construction Company					
Benefit: DENT - Dental		Plan Code DEFAULT	Plan Option DEFAULT		
SWC-WK-HR16	Sarah Jones	SWC	524-21-5245	0.00	25.00
			Total for: DENT	0.00	25.00
			Total for Home Company: ZZ	0.00	25.00
			Grand Total:	0.00	50.00

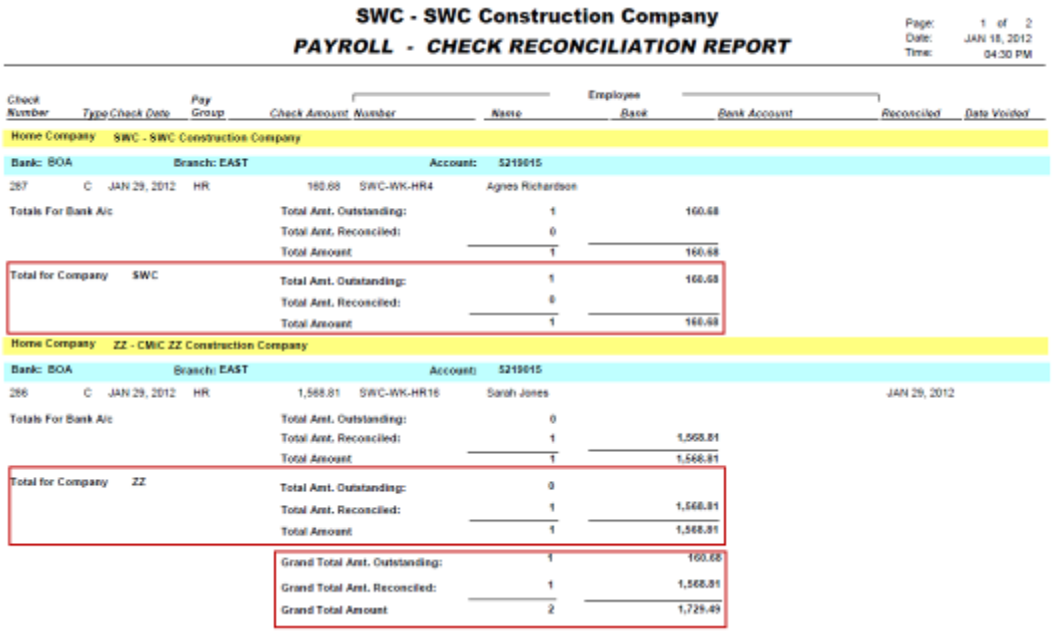
END OF REPORT

Report Parameters

FEIN Number:		Starting Ben/Ded:	
Company:	SWC	Ending Ben/Ded:	
From Home Company	SWC	To Home Company:	ZZ
Pay Run:	WKPR	Starting Period:	5
Year:	2012	Ending Period:	5
Starting Date:	JAN 29, 2012	Starting Quarter:	
Ending Date:	JAN 29, 2012	Ending Quarter:	
Starting Employee:	SWC-WK-HR16	Plan Code:	
Ending Employee:	SWC-WK-HR4	Plan Option:	
Benefit/Deduction:	Benefit	Report Code:	PY1083

(II) PY1086 – Check Reconciliation Report





SWC - SWC Construction Company

PAYROLL - CHECK RECONCILIATION REPORT

Page: 1 of 2
Date: JAN 18, 2012
Time: 04:30 PM

Check Number	Type	Check Date	Pay Group	Check Amount	Employee Number	Name	Bank	Bank Account	Reconciled	Date Voided
Home Company SWC - SWC Construction Company										
Bank: BOA Branch: EAST Account: 5219015										
287	C	JAN 29, 2012	HR	160.68	SWC-WK-HR4	Agnes Richardson				
Totals For Bank A/c				Total Amt. Outstanding:		1	160.68			
				Total Amt. Reconciled:		0				
				Total Amount		1	160.68			
Total for Company SWC				Total Amt. Outstanding:		1	160.68			
				Total Amt. Reconciled:		0				
				Total Amount		1	160.68			
Home Company ZZ - CMiC ZZ Construction Company										
Bank: BOA Branch: EAST Account: 5219015										
286	C	JAN 29, 2012	HR	1,568.81	SWC-WK-HR16	Sarah Jones			JAN 29, 2012	
Totals For Bank A/c				Total Amt. Outstanding:		0				
				Total Amt. Reconciled:		1	1,568.81			
				Total Amount		1	1,568.81			
Total for Company ZZ				Total Amt. Outstanding:		0				
				Total Amt. Reconciled:		1	1,568.81			
				Total Amount		1	1,568.81			
				Grand Total Amt. Outstanding:		1	160.68			
				Grand Total Amt. Reconciled:		1	1,568.81			
				Grand Total Amount		2	1,729.49			

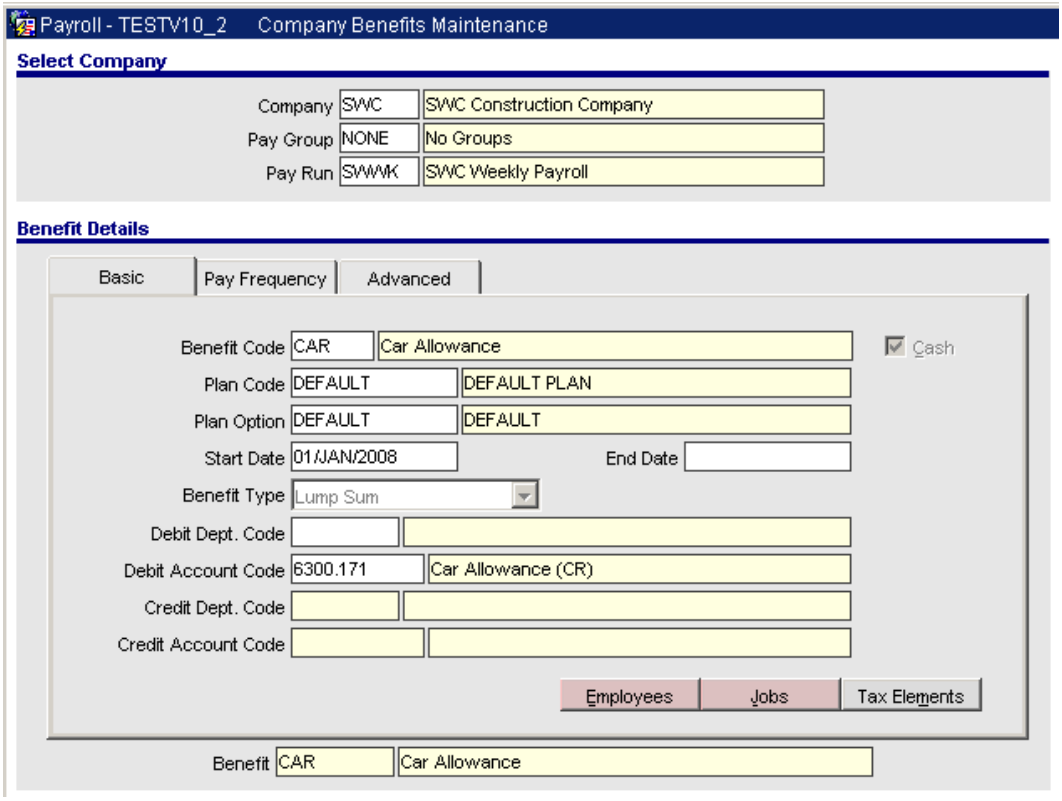
Benefit by Job (11.59466)

CMiC implemented a new functionality to calculate benefit and deduction by jobs, therefore if employee works on a specific job the system would calculate the benefit or deduction associated with this job for the employee.

Modifications:

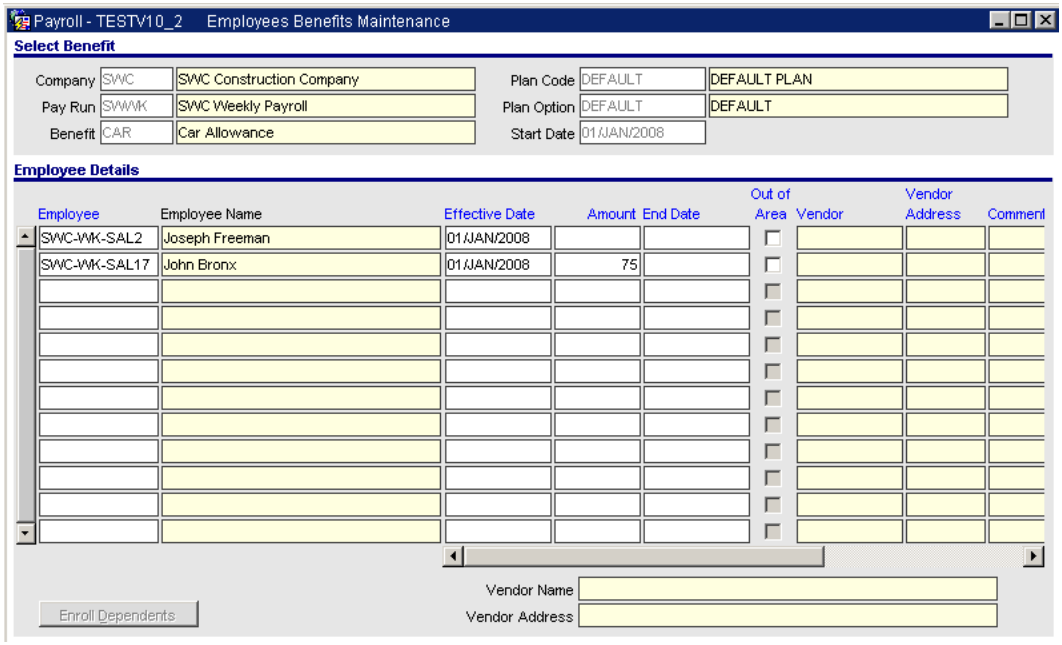
(IV) Company Benefits/Deductions Maintenance

CMiC modified the 'Company Benefits/Deductions Maintenance' screens to add new 'Employees' and 'Jobs' buttons.



(V) Employee Benefits/Deductions Maintenance

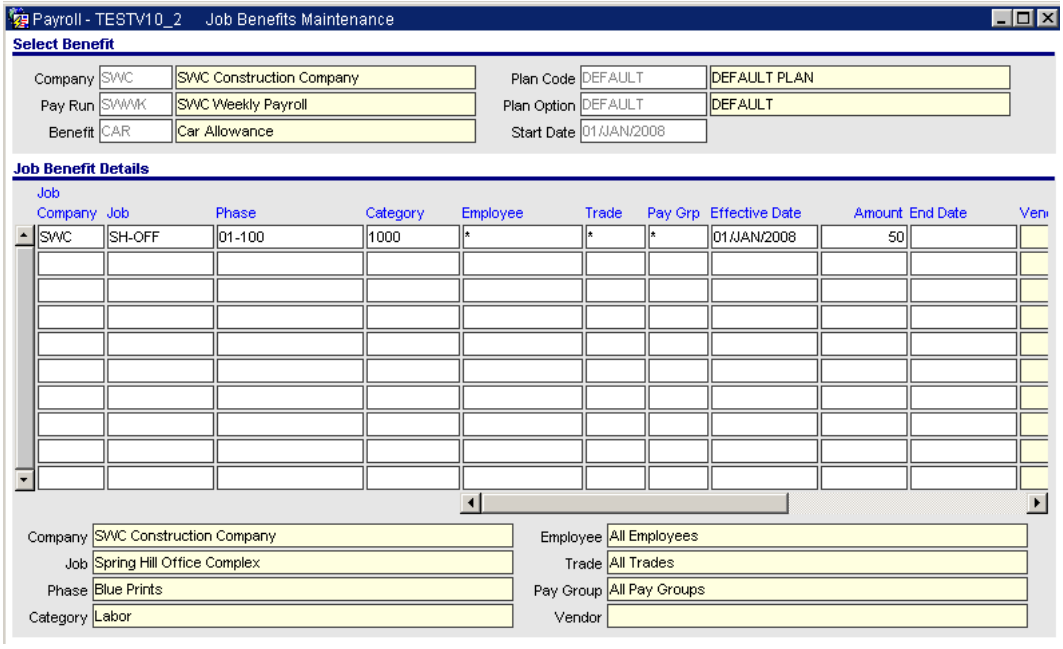
'Employees' button will launch the new 'Employees Benefits/Deductions Maintenance' screens to allow users to assign benefit or deduction on employee level.



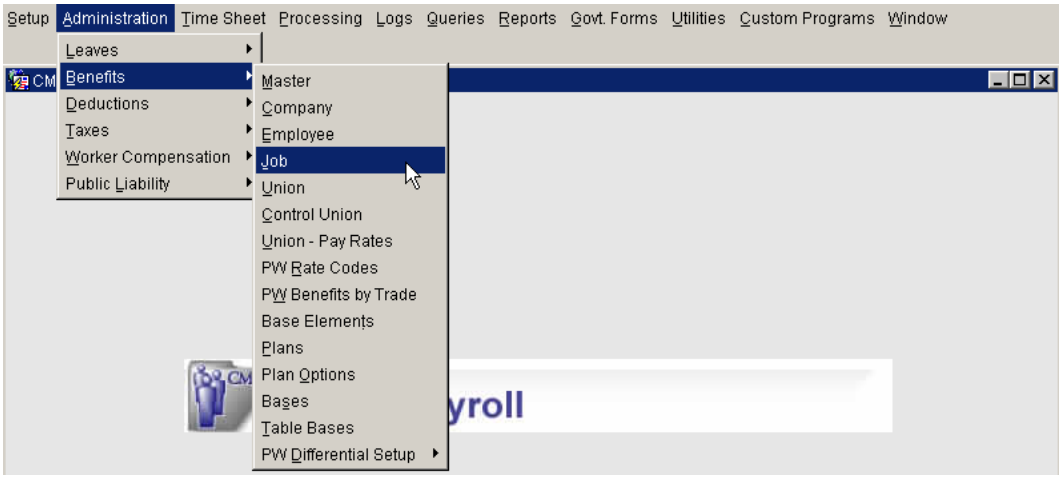
(VI) Job Benefits/Deductions Maintenance

Jobs' button will launch the new 'Job Benefits/Deductions Maintenance' screens to allow users to add benefit or deduction by jobs. This screen allows users to setup all jobs where the benefit/deduction is applicable. Program will facilitate users to setup "*" as "ALL" for Job, Phase and Category code along with Employee, Trade and Pay Group code. The amount column on Job detail level will be optional to allow users to setup amount on company level.

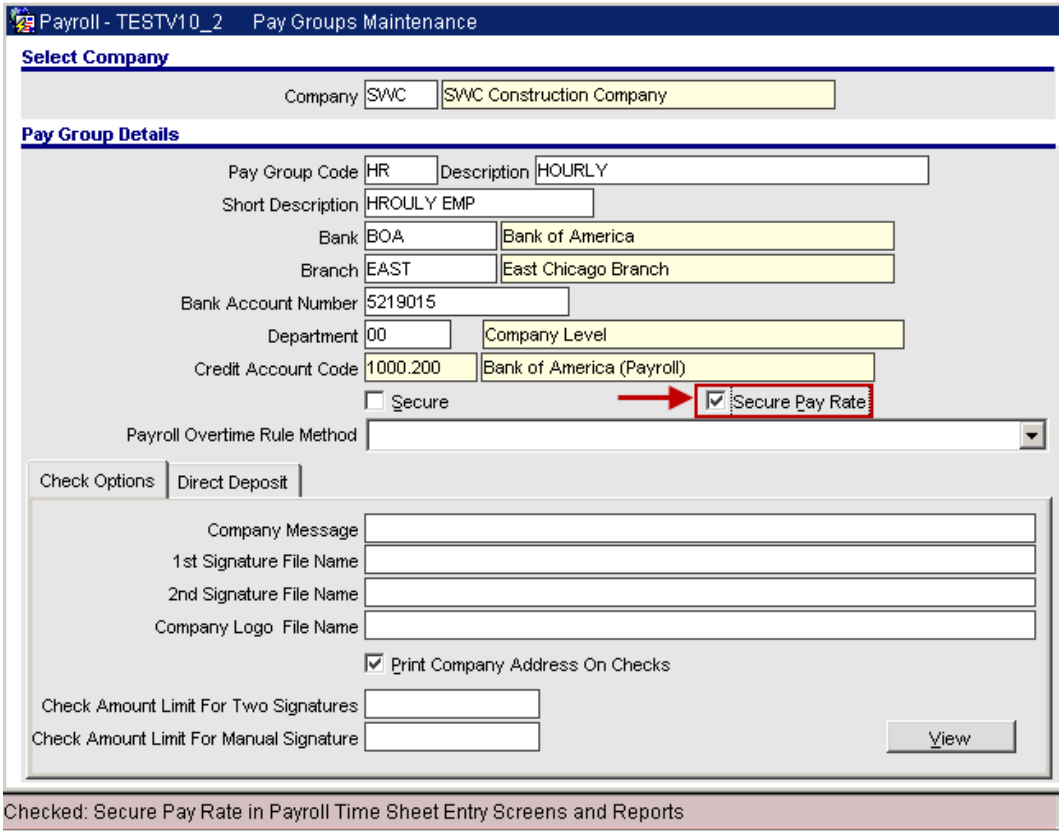
The hierarchy for processing to select amount for benefit/deduction by job would be to select the employee level "Amount" first when assigned on employee level, when employee level amount is not overridden then the amount will be picked up from Job level and if not found, the amount will be picked up from company level.



This screen is also accessible form the benefit and deductions sub-menu.

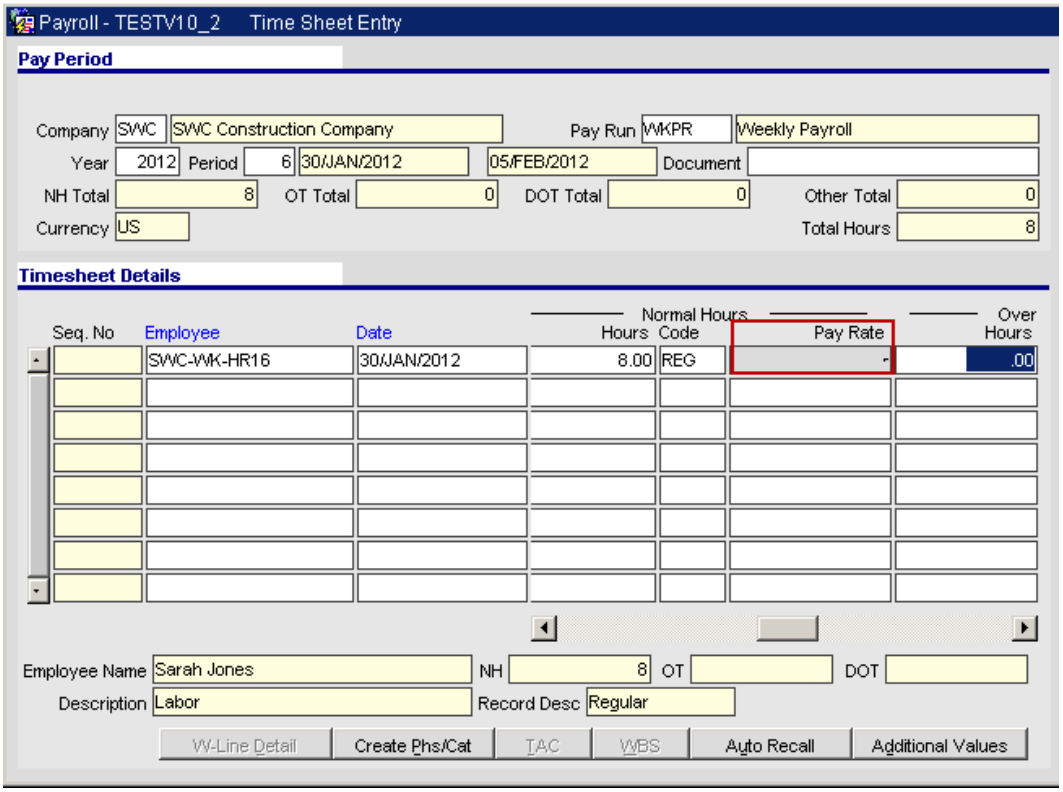


Security on Pay Rate (11.62376)

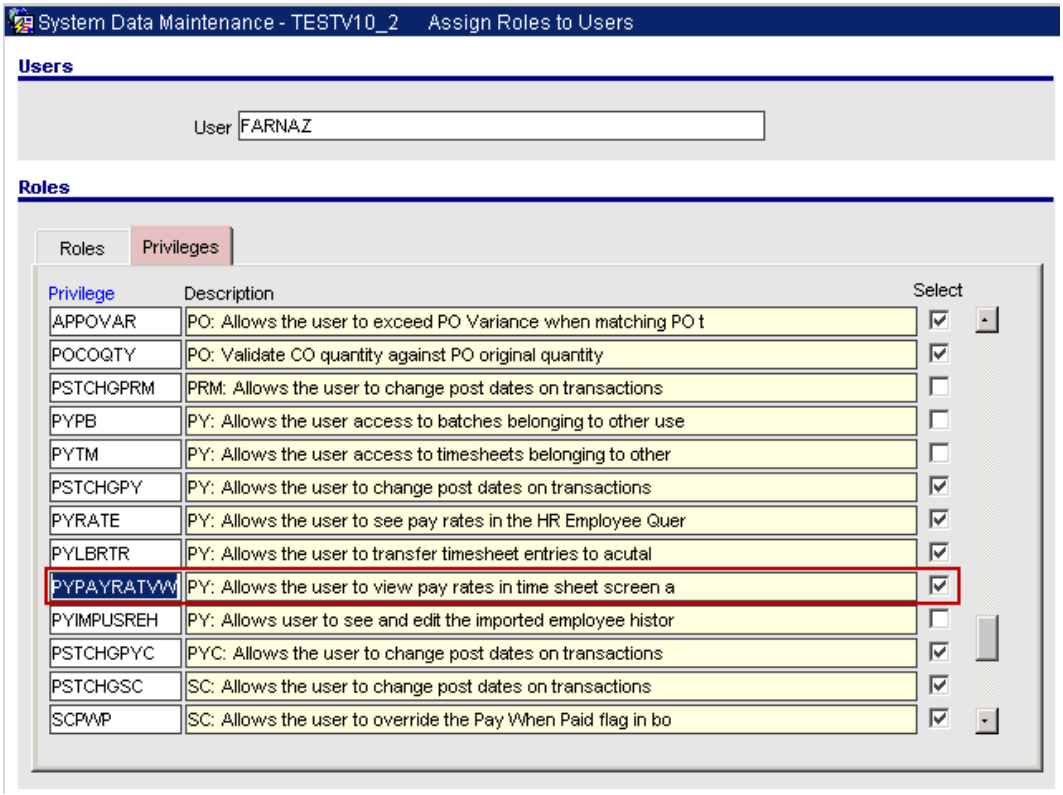


CMiC modified the Payroll system to apply security on Pay Rates shown on the Time-sheet Entry Forms and the reports that display the employees' pay rate.

CMiC introduced a new flag in the 'Pay Groups Maintenance' screen. If this flag is checked, the Pay Rate of all employees within this Pay Group will be secured in Payroll Time Sheet Entry screens and reports.



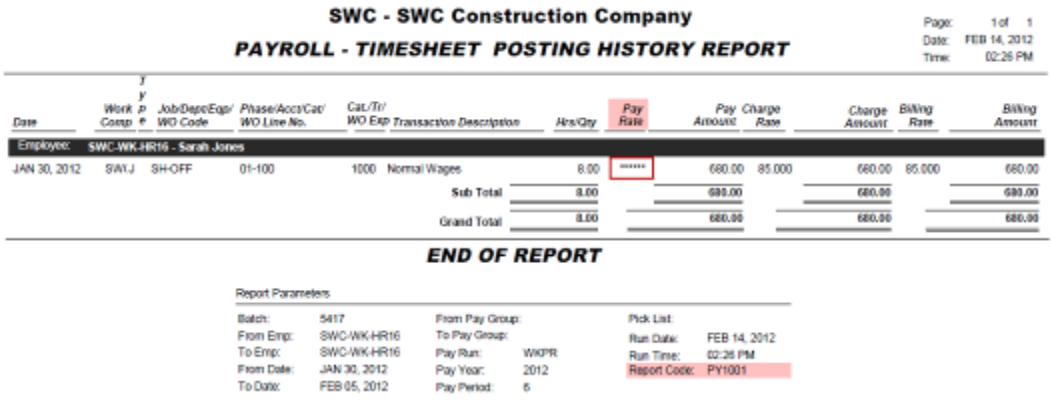
With the 'Secure Pay Rate' flag being checked, users can still be given privilege to be able to view the Pay Rate.



The following reports have been modified to not display the Pay Rate for the employees in a Secure Pay Group:

- py1001.rep
- py1010.rep
- py1011.rep
- py1020.rep
- py1064.rep
- py1089.rep
- py1096.rep

Example:



SWC - SWC Construction Company

PAYROLL - TIMESHEET POSTING HISTORY REPORT

Page: 1 of 1
Date: FEB 14, 2012
Time: 02:26 PM

Date	Work Comp	Ty p e	Job/Dept/Eqp/ WO Code	Phase/Acct/Cat/ WO Line No.	Cat./Tr/ WO Exp	Transaction Description	Hrs/Qty	Pay Rate	Pay Amount	Charge Rate	Charge Amount	Billing Rate	Billing Amount
Employee: SWC-WK-HR16 - Sarah Jones													
JAN 30, 2012	SWJ	SH-OFF	01-100	1000		Normal Wages	8.00	******	680.00	85.000	680.00	85.000	680.00
						Sub Total	8.00		680.00		680.00		680.00
						Grand Total	8.00		680.00		680.00		680.00

END OF REPORT

Report Parameters

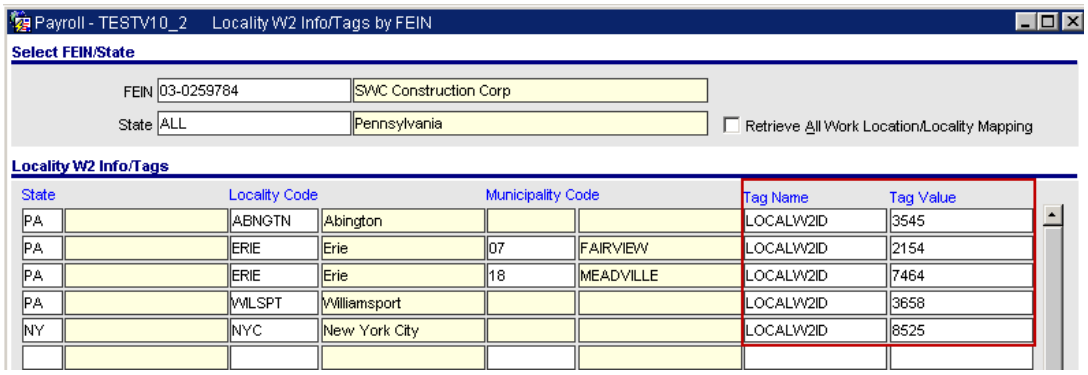
Batch:	5417	From Pay Group:		Pick List:	
From Emp:	SWC-WK-HR16	To Pay Group:		Run Date:	FEB 14, 2012
To Emp:	SWC-WK-HR16	Pay Run:	WKPR	Run Time:	02:26 PM
From Date:	JAN 30, 2012	Pay Year:	2012	Report Code:	PY1001
To Date:	FEB 05, 2012	Pay Period:	6		

Greenshades Modifications (12.66089)

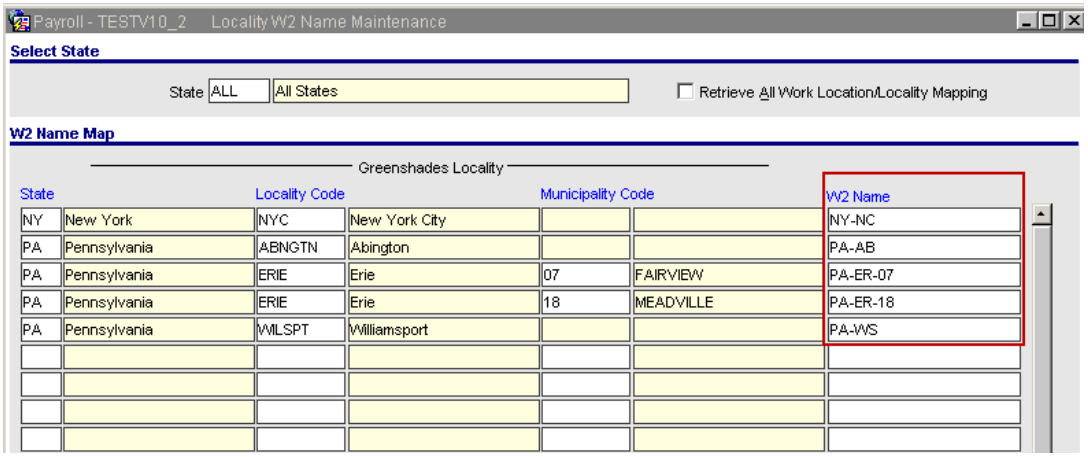
CMiC added 3 new menu options under U.S. Payroll->Govt. Forms->Greenshades Locality.



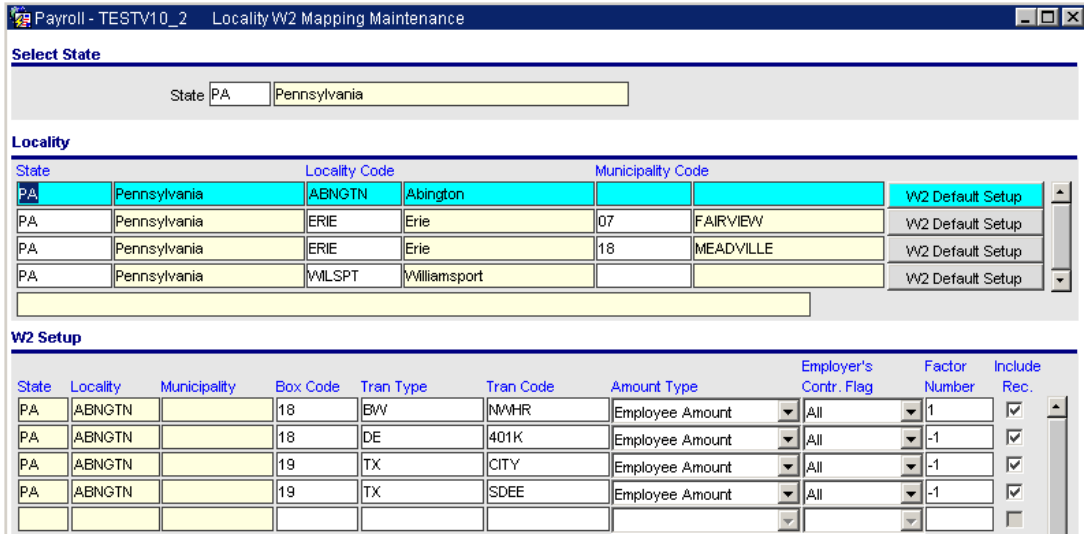
(I) New Form for Locality W2 Info/Tags by FEIN (e.g. LocalW2ID)

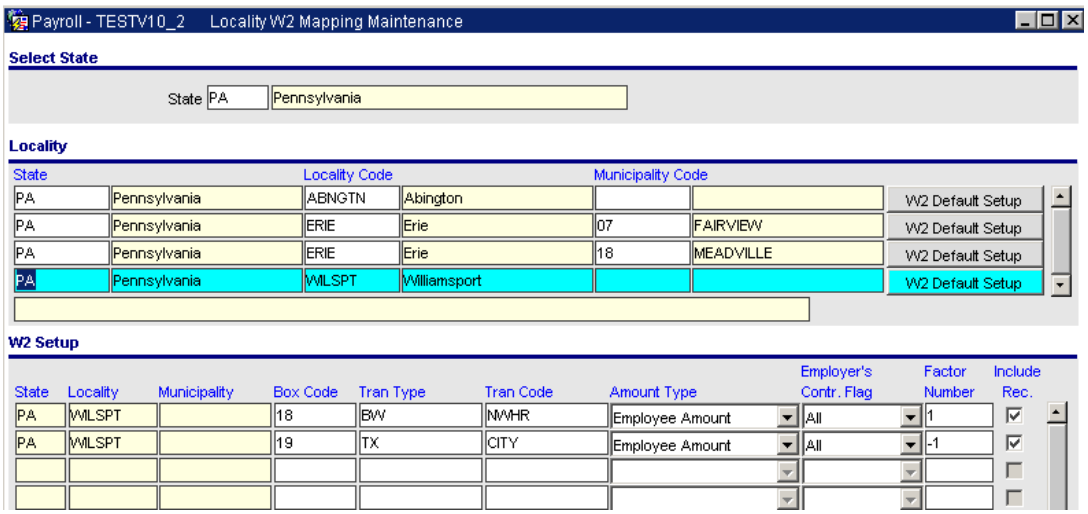


(II) New Form for Locality W2 Name (Overrides the default printed W2 Name)



(III) New Form to map Locality with W2 Setup (Overrides Standard W2 mapping for multi-localities) - A separate W2 mapping might be required for each locality.





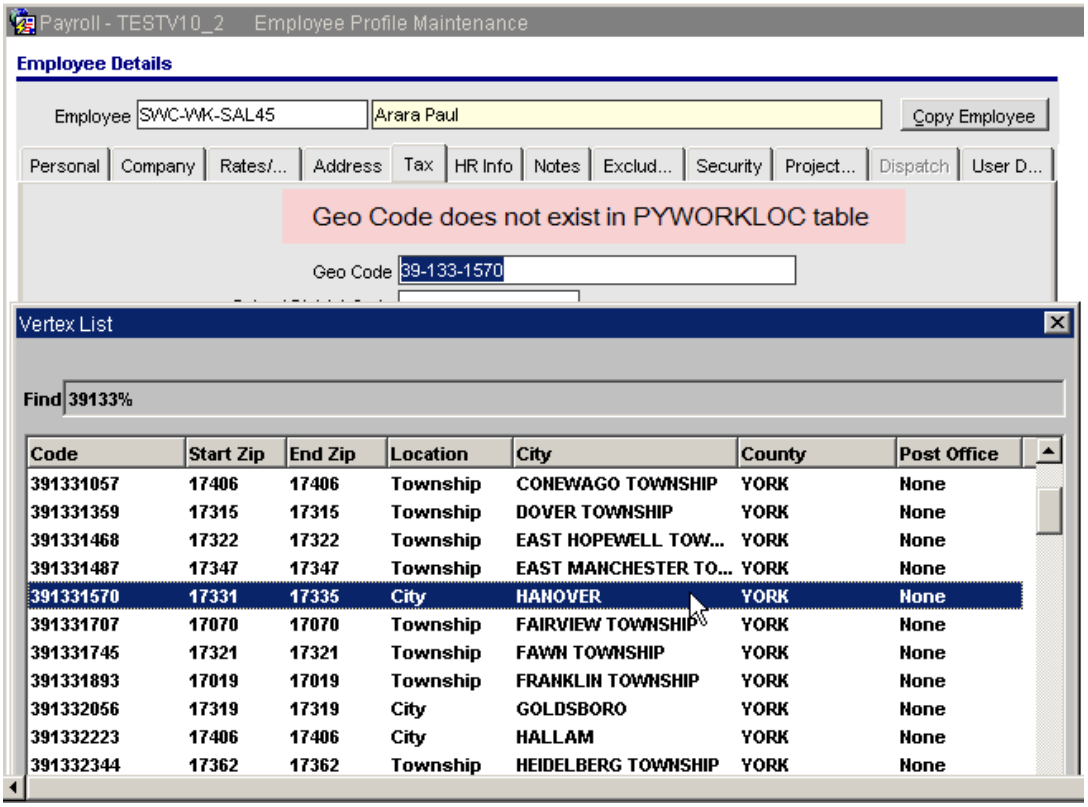
PA ACT 32 Tax Processing (12.67001)

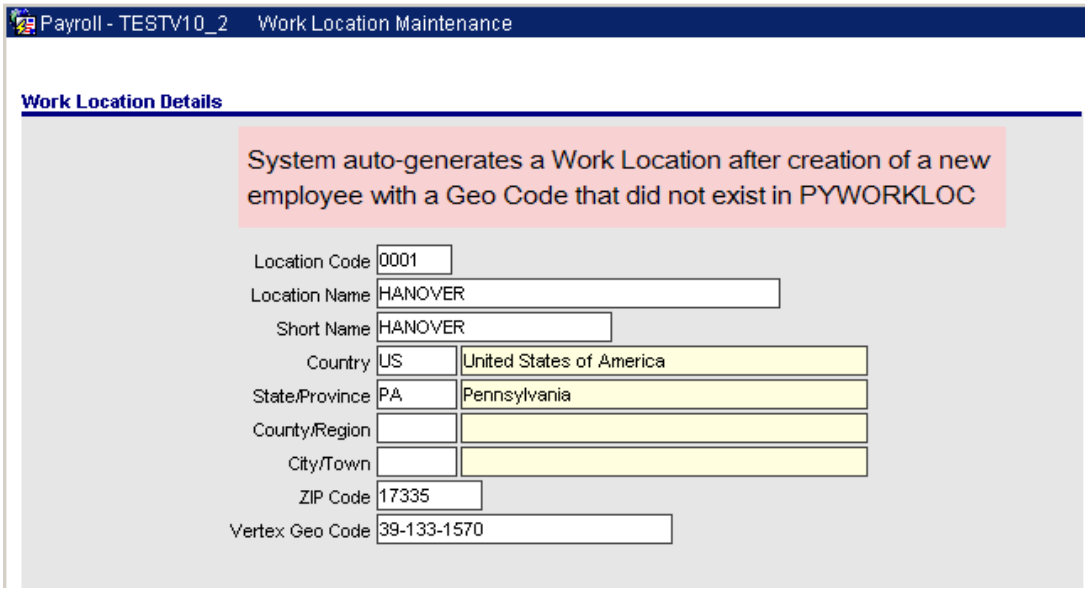
Modifications:

(I) Auto-generation of Work Location in PYWORKLOC

When user creates a new employee or update a GEO CODE system will automatically create a location in table starting "0001" location code. This facilitates users to create location in PYWORKLOC table automatically based on the GEO CODE entered on profile.

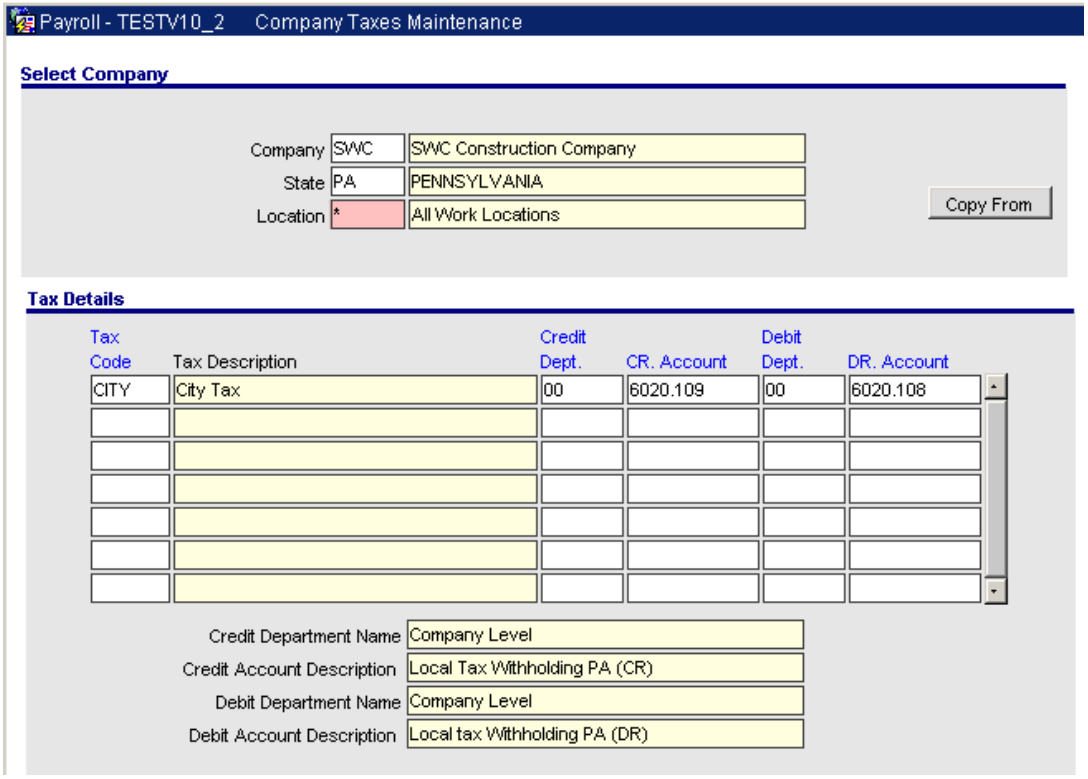
NOTE: This enhancement is only done for PA State.





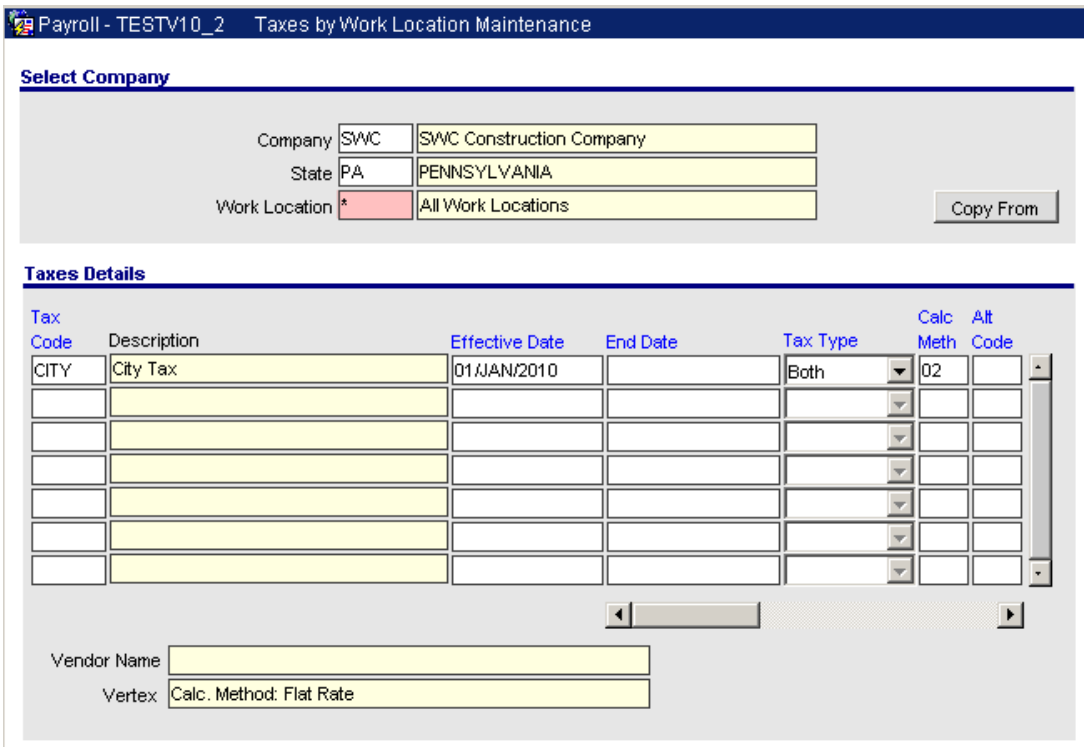
(II) Use of '*' for Account Set-up in 'Company Taxes Maintenance'

CMiC modified Company Taxes Maintenance (Accounting) to allow setting up State/Locality with '*', which will be treated as "ALL".

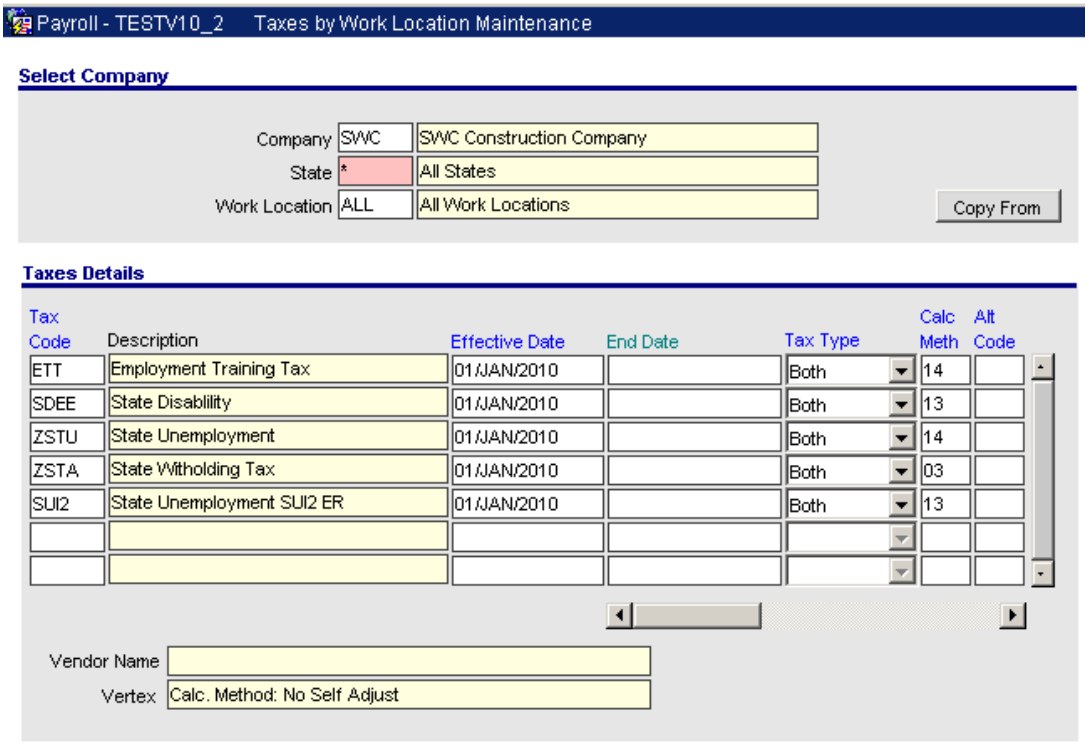


(III) Use of '*' for Tax Set-up by Location

CMiC modified 'Taxes by Location' program to allow setting up LOCAL tax under 'Taxes by Location' screen with '*' which will be treated as "ALL". Once users setup a local tax for a state (e.g. PA) and work location '*' system will consider those taxes for all the locations in the state.



CMiC also modified 'Taxes by Location' program to allow setting up STATE tax under 'Taxes by Location' screen with '*' which will be treated as 'ALL'. Once users setup a state '*' and work location 'All' system will consider those taxes for all the states.



Weighted Overtime Rate (10.53508)

CMiC has enhanced the Payroll program to use 'Weighted Overtime Method' for determining the regular rate for overtime hours such as Travel, Training and etc, if required.

Where two rates of pay are paid during a workweek, the 'Weighted Overtime' method, used in California, for determining the Regular Rate of pay for calculating overtime in that workweek is to take the weighted average of all hourly rates paid.

Regular Rate Calculation:

1. The total earnings for the week, including the earnings during overtime hours are divided by the *total hours worked* during the week, *including the overtime hours*.
2. For each overtime hour worked, the employee is entitled to an additional one-half the regular rate for hours requiring over time and one half and an additional full rate for hours requiring double over time.

Calculating New Overtime Rate:

Total Straight Time Earning =

*(Normal Hours * Normal Rate) + (Overtime Hours * Normal Rate) + (Double-time Hours * Normal Rate) + (Other Hours * Other Hours Rate)*

Weighted Average Rate (WTAVGRT) *= (Total Straight Time Earning) / (Total Hours Worked)*

We will use the overtime/double-time rate code multiplier MINUS one as the premium factor to apply against the weighted average rate:

Extra Premium Rate *= (multiplier – 1) * WTAVGRT*

NEW OVHR RATE *= (NORMAL RATE) + (EXTRA PREM RATE)*

Example:

An employee, who makes $35 per hour worked and $18.00 per travel time, works 42.50 hours in a week, with 40 hours being at regular rate and 2.5 hours being travel time.

The New Overtime Rate Calculation is as follow:

Total Straight Time Earning =

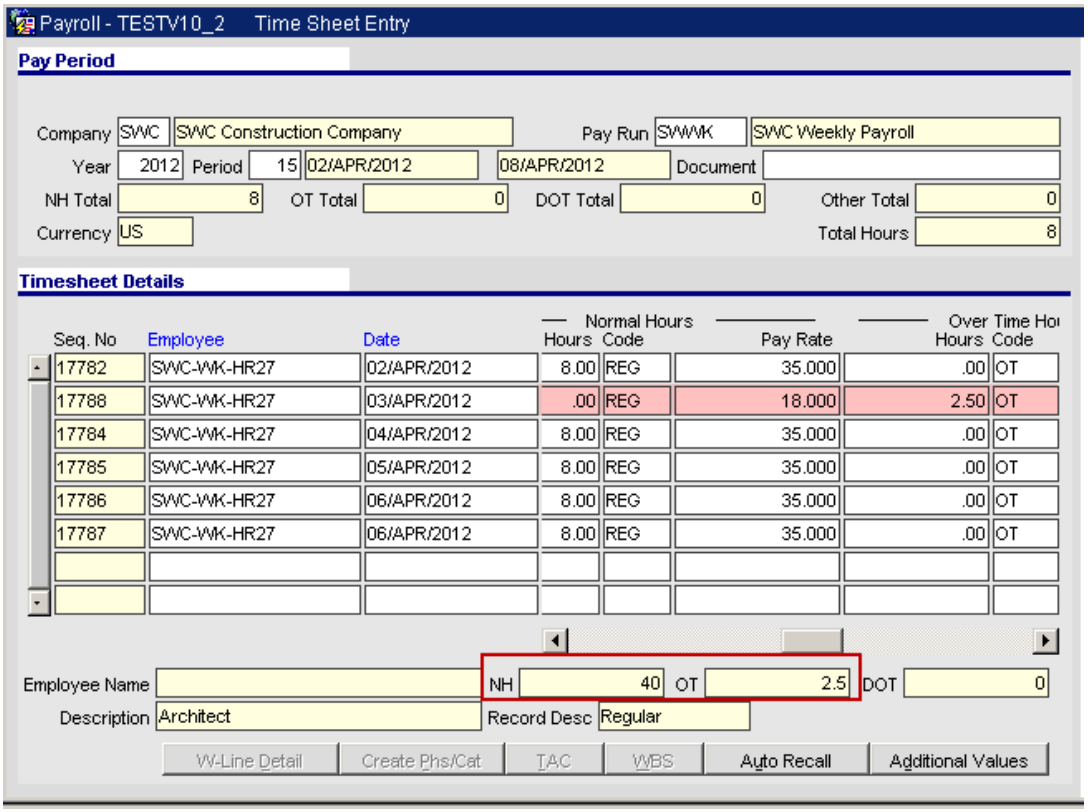
*(40 * $35) + (2.5 * $18) = $1,445.00*

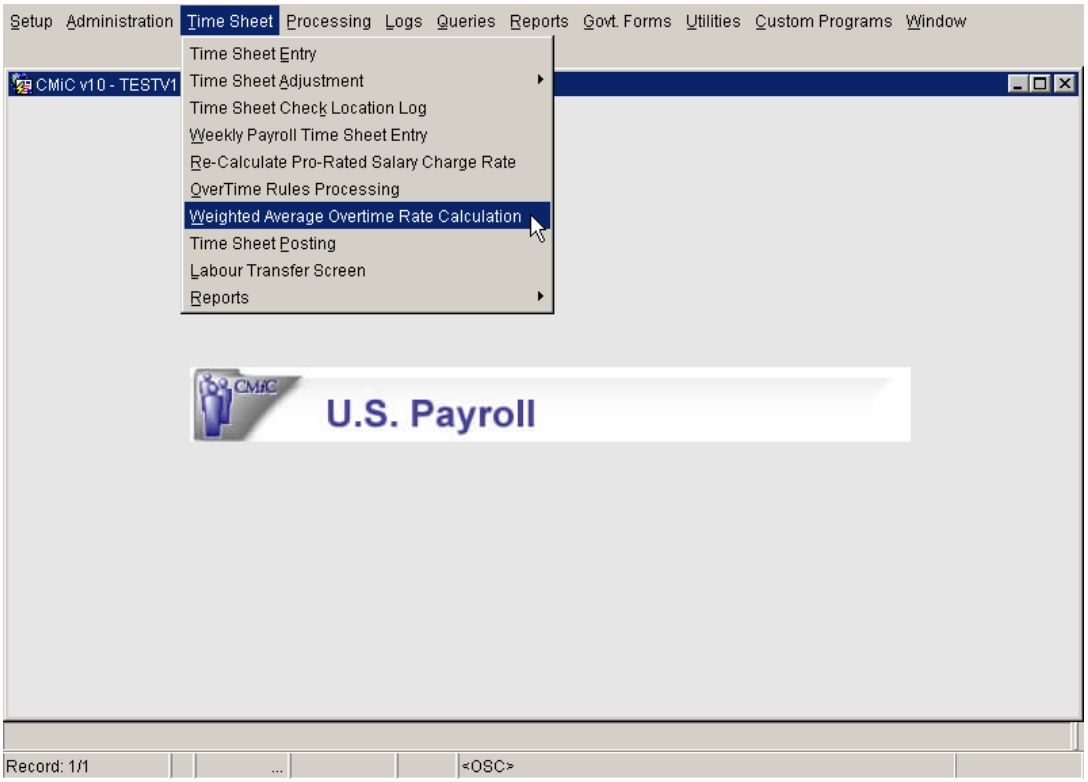
Weighted Average Rate (WTAVGRT) *= $1,445.00 / 42.5 = $34*

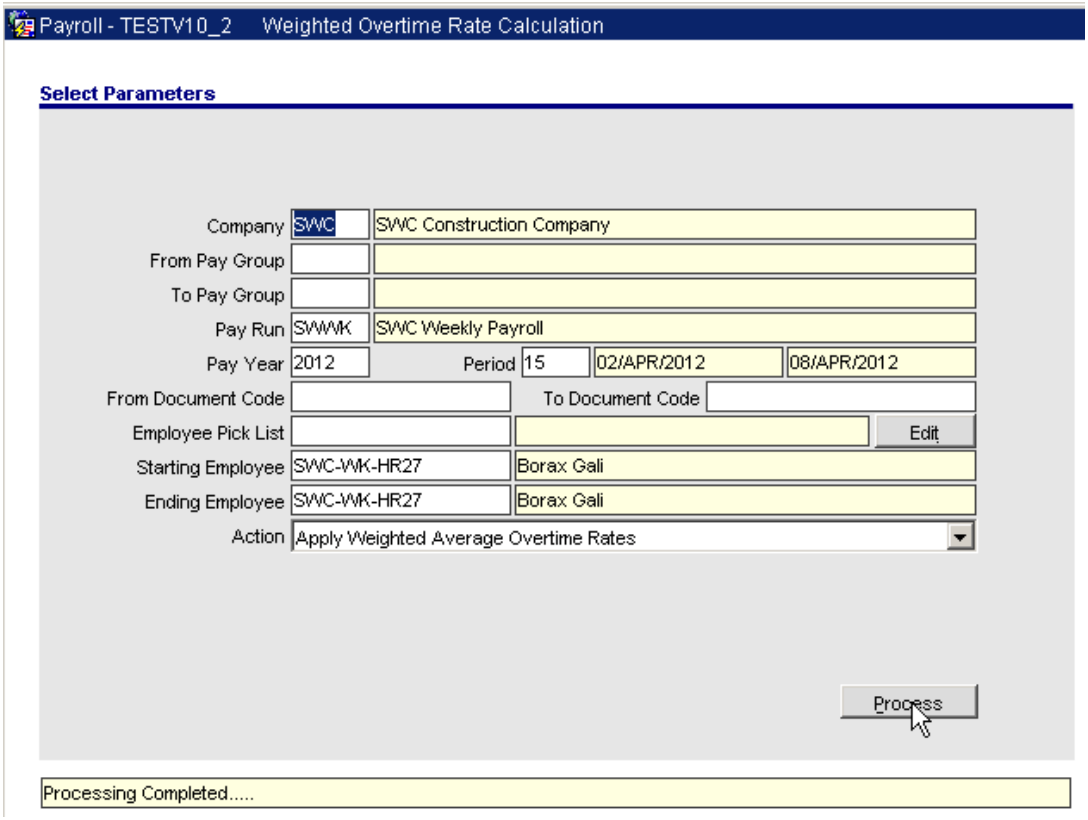
Extra Premium Rate *= (1.5 – 1) * $34 = $17*

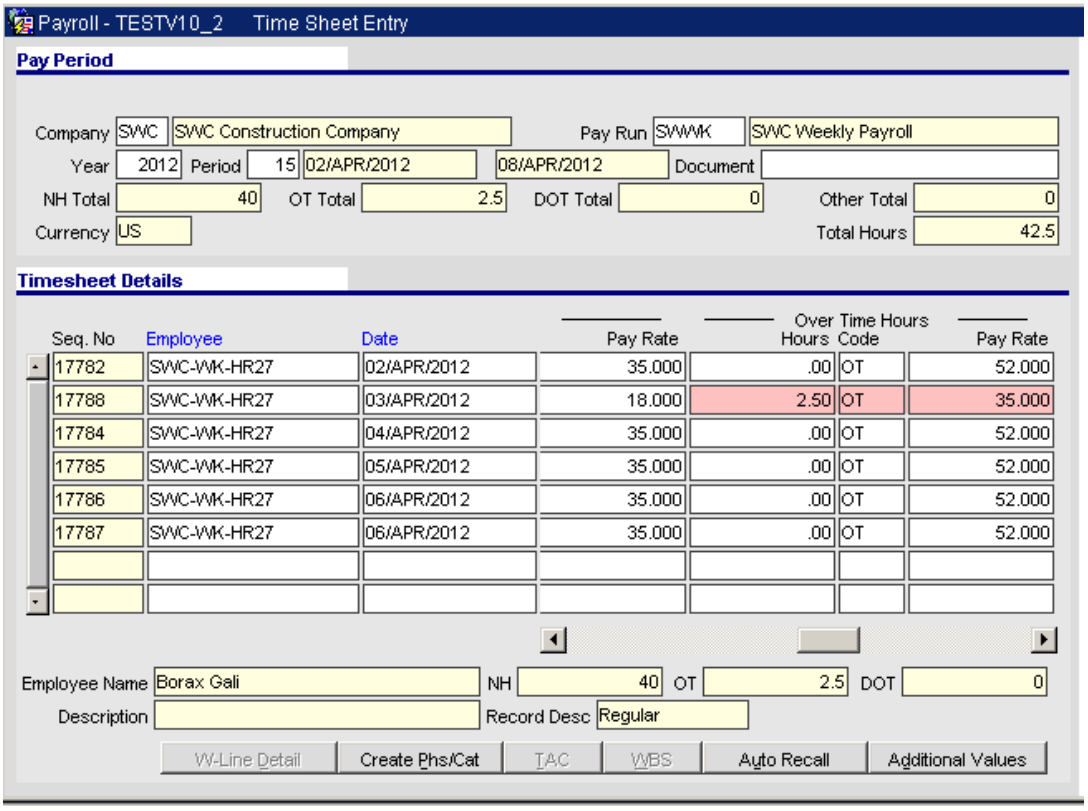
NEW OVHR RATE *= $18 + $17 = $35*

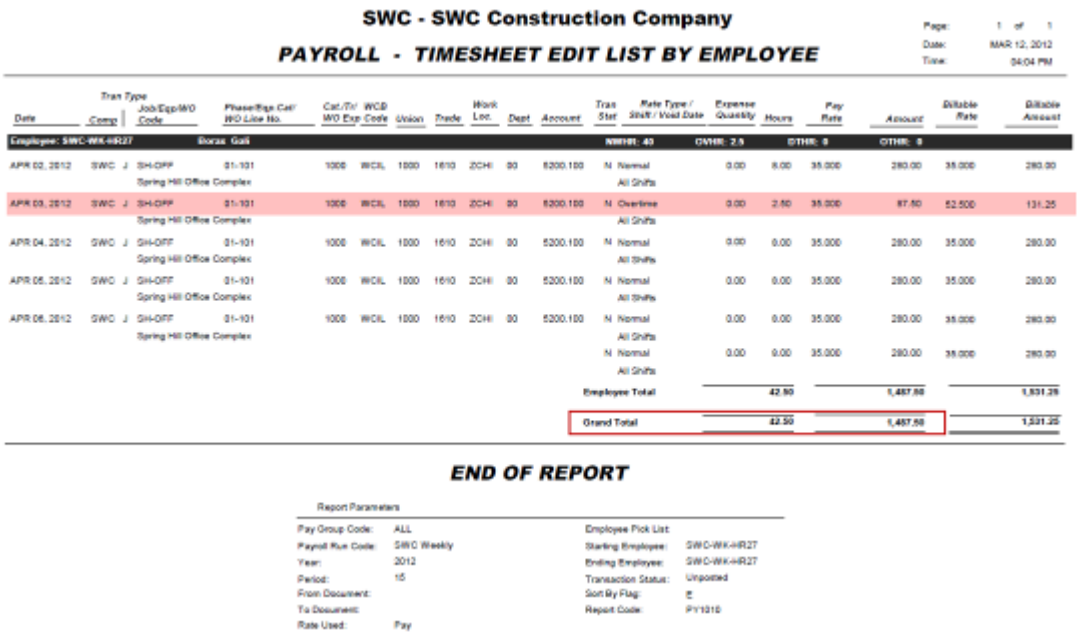
Total Normal Hours Wages *= (40 * $35) + (2.5 * $35) = $1487.5*


Payroll - TESTV10_2 Time Sheet Entry
Pay Period
Company SWC SWC Construction Company
Pay Run SWWK SWC Weekly Payroll
Year 2012 Period 15 02/APR/2012 08/APR/2012 Document
NH Total 8 OT Total 0 DOT Total 0 Other Total 0
Currency US Total Hours 8
Timesheet Details
Seq. No Employee Date Normal Hours Hours Code Pay Rate Over Time Hours Code
17782 SWC-WK-HR27 02/APR/2012 8.00 REG 35.000 .00 OT
17788 SWC-WK-HR27 03/APR/2012 .00 REG 18.000 2.50 OT
17784 SWC-WK-HR27 04/APR/2012 8.00 REG 35.000 .00 OT
17785 SWC-WK-HR27 05/APR/2012 8.00 REG 35.000 .00 OT
17786 SWC-WK-HR27 06/APR/2012 8.00 REG 35.000 .00 OT
17787 SWC-WK-HR27 06/APR/2012 8.00 REG 35.000 .00 OT
Employee Name
NH 40 OT 2.5 DOT 0
Description Architect Record Desc Regular
W-Line Detail Create Phs/Cat TAC WBS Auto Recall Additional Values


Setup Administration Time Sheet Processing Logs Queries Reports Govt. Forms Utilities Custom Programs Window
Time Sheet Entry
Time Sheet Adjustment
Time Sheet Check Location Log
Weekly Payroll Time Sheet Entry
Re-Calculate Pro-Rated Salary Charge Rate
OverTime Rules Processing
Weighted Average Overtime Rate Calculation
Time Sheet Posting
Labour Transfer Screen
Reports
CMiC v10 - TESTV1
U.S. Payroll
Record: 1/1
<OSC>


Payroll - TESTV10_2 Weighted Overtime Rate Calculation
Select Parameters
Company SWC SWC Construction Company
From Pay Group
To Pay Group
Pay Run SWWK SWC Weekly Payroll
Pay Year 2012 Period 15 02/APR/2012 08/APR/2012
From Document Code To Document Code
Employee Pick List Edit
Starting Employee SWC-WK-HR27 Borax Gali
Ending Employee SWC-WK-HR27 Borax Gali
Action Apply Weighted Average Overtime Rates
Process
Processing Completed.....


Payroll - TESTV10_2 Time Sheet Entry
Pay Period
Company SWC SWC Construction Company Pay Run SWWK SWC Weekly Payroll
Year 2012 Period 15 02/APR/2012 08/APR/2012 Document
NH Total 40 OT Total 2.5 DOT Total 0 Other Total 0
Currency US Total Hours 42.5
Timesheet Details
Seq. No Employee Date Pay Rate Over Time Hours Hours Code Pay Rate
17782 SWC-WK-HR27 02/APR/2012 35.000 .00 OT 52.000
17788 SWC-WK-HR27 03/APR/2012 18.000 2.50 OT 35.000
17784 SWC-WK-HR27 04/APR/2012 35.000 .00 OT 52.000
17785 SWC-WK-HR27 05/APR/2012 35.000 .00 OT 52.000
17786 SWC-WK-HR27 06/APR/2012 35.000 .00 OT 52.000
17787 SWC-WK-HR27 06/APR/2012 35.000 .00 OT 52.000
Employee Name Borax Gali NH 40 OT 2.5 DOT 0
Description Record Desc Regular
W-Line Detail Create Phs/Cat TAC WBS Auto Recall Additional Values



SWC - SWC Construction Company

PAYROLL - TIMESHEET EDIT LIST BY EMPLOYEE

Page: 1 of 1
Date: MAR 12, 2012
Time: 04:04 PM

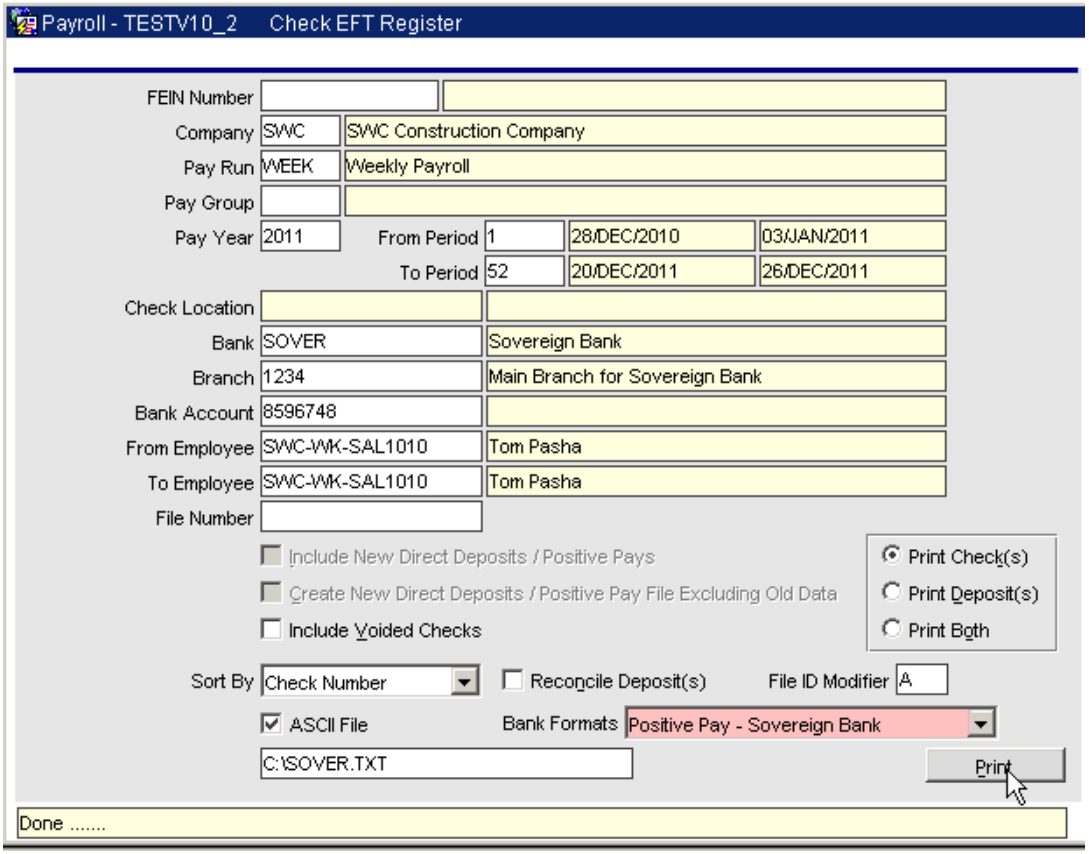
Date	Tran Type / Comp	Job/Equ/WO Code	Phase/Sgn Cat/ WO Line No.	Cat./Tr/ WO Exp	WCB Code	Union	Trade	Work Loc.	Dept	Account	Tran Stat	Rate Type / Shift / Void Date	Expense Quantity	Hours	Pay Rate	Amount	Billable Rate	Billable Amount
Employee: SWC-WK-HR27			Boras Gail									NRHR: 40	OVHR: 2.5		OTHR: 0	OTHR: 0		
APR 02, 2012	SWC J	SH-OFF Spring Hill Office Complex	01-101	1000	WCB	1000	1610	ZCHI	00	5200.100	N	Normal All Shifts	0.00	8.00	35.000	280.00	35.000	280.00
APR 03, 2012	SWC J	SH-OFF Spring Hill Office Complex	01-101	1000	WCB	1000	1610	ZCHI	00	5200.100	N	Overtime All Shifts	0.00	2.50	35.000	87.50	52.500	131.25
APR 04, 2012	SWC J	SH-OFF Spring Hill Office Complex	01-101	1000	WCB	1000	1610	ZCHI	00	5200.100	N	Normal All Shifts	0.00	8.00	35.000	280.00	35.000	280.00
APR 05, 2012	SWC J	SH-OFF Spring Hill Office Complex	01-101	1000	WCB	1000	1610	ZCHI	00	5200.100	N	Normal All Shifts	0.00	8.00	35.000	280.00	35.000	280.00
APR 06, 2012	SWC J	SH-OFF Spring Hill Office Complex	01-101	1000	WCB	1000	1610	ZCHI	00	5200.100	N	Normal All Shifts	0.00	8.00	35.000	280.00	35.000	280.00
											N	Normal All Shifts	0.00	8.00	35.000	280.00	35.000	280.00
												Employee Total		42.50		1,487.50		1,531.25
												Grand Total		42.50		1,487.50		1,531.25

END OF REPORT

Report Parameters

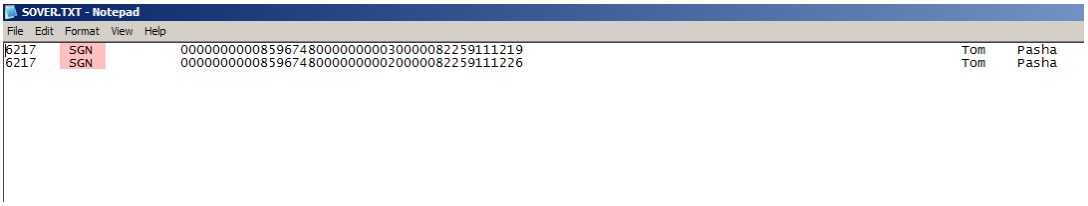
Pay Group Code:	ALL	Employee Pick List:	
Payroll Run Code:	SWC Weekly	Starting Employee:	SWC-WK-HR27
Year:	2012	Ending Employee:	SWC-WK-HR27
Period:	15	Transaction Status:	Unposted
From Document:		Sort By Flag:	E
To Document:		Report Code:	PY1310
Rate Used:	Pay		

Positive Pay File Format for Sovereign Bank (11.64292)

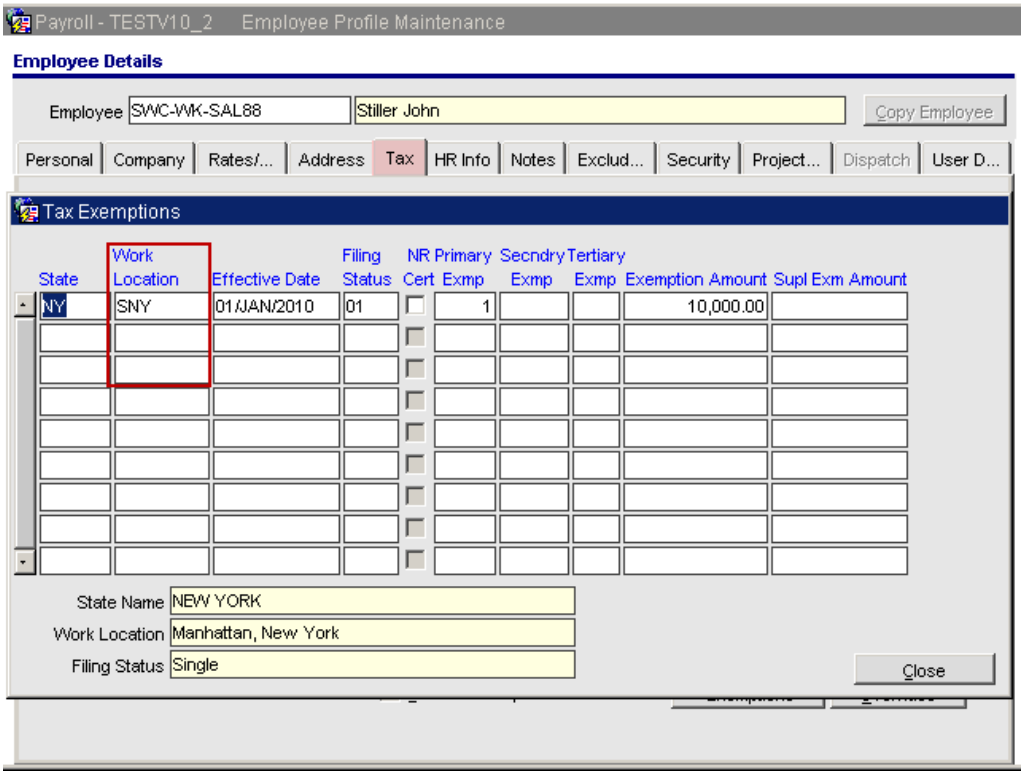


CMiC has modified the Check EFT Register form and added a 'Positive Pay – Sovereign Bank' file format.

NOTE: The Bank No. is not hard coded in the file format; instead this format will show the value which is set up in the ID field of the referenced bank setup.



Local Tax Exemptions (11.63012)



CMiC enhanced the payroll application to allow entry of an employee's Tax Exemption at the Local Level.

A 'Work Location' column has been added to the 'Exemptions' screen of the 'Tax' tab of the 'Employee Profile Maintenance'.

Specifying an amount on this screen with State and a 'Work Location' being defined will set the Exemption Amount at the Local level.

```
                                    EMPLOYEE INFORMATION REPORT            Page   119
   Employee ID: SWCSWC-WK-SAL88
   Resident GeoCode  33-061-2010                 Work GeoCode      33-061-2010

   Pay Date      03/04/2012       # of Pay Prds  52.00       Current Pay Prd   10.00
-------------------------------------------------------------------------------------
   ******* ER SUI (459)

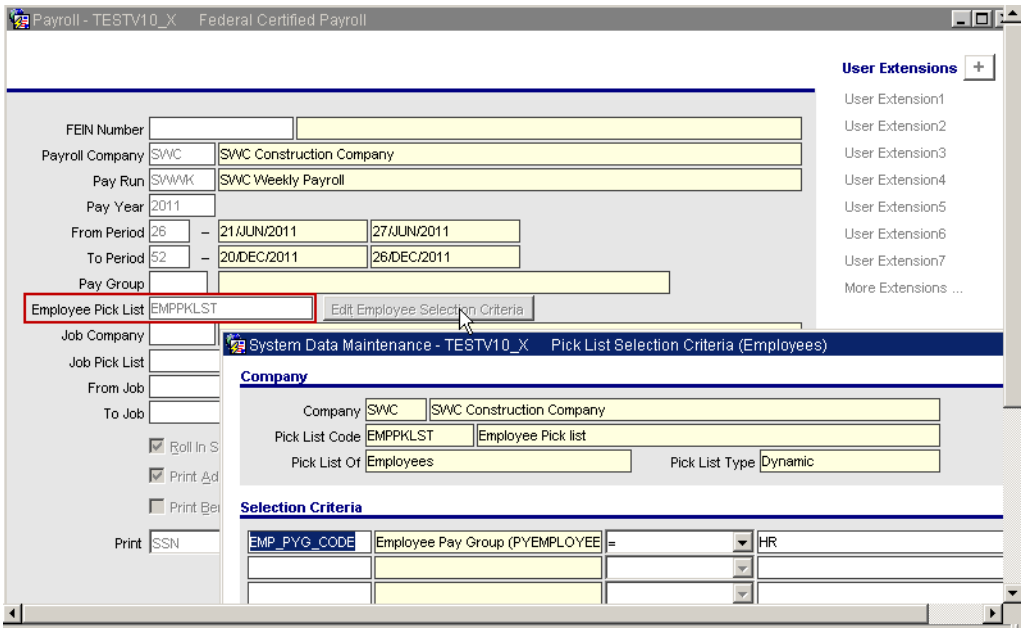
   ******* EMPLOYER RATES      SUI Rate       .020000    SDI Rate .000000     FUTA Rate  .062000
=====================================================================================

   ******* CITY WHT (530)                        Tax Type    Resident

   Work GeoCode_________33-061-2010

   Filing Stat__________Single (1)
   Filing Stat Used_____Single (1)
   Primary Exe__________01      School Dist_____00000                School Dist Used_____
   Secondary Exe________00      JurIntTreatment_____0                JurIntTreatmentUsed__
   Tertiary Exe_________00      Exemption Amt_______10,000.00        Supp Exemption Amt__.00
   PTD Agg Flag_________NO      Special Pay Period__0                # of Hours___________  .00
   Tax Exempt___________NO      Non Resident Alien__0                Pay Prds Used________52.00
```

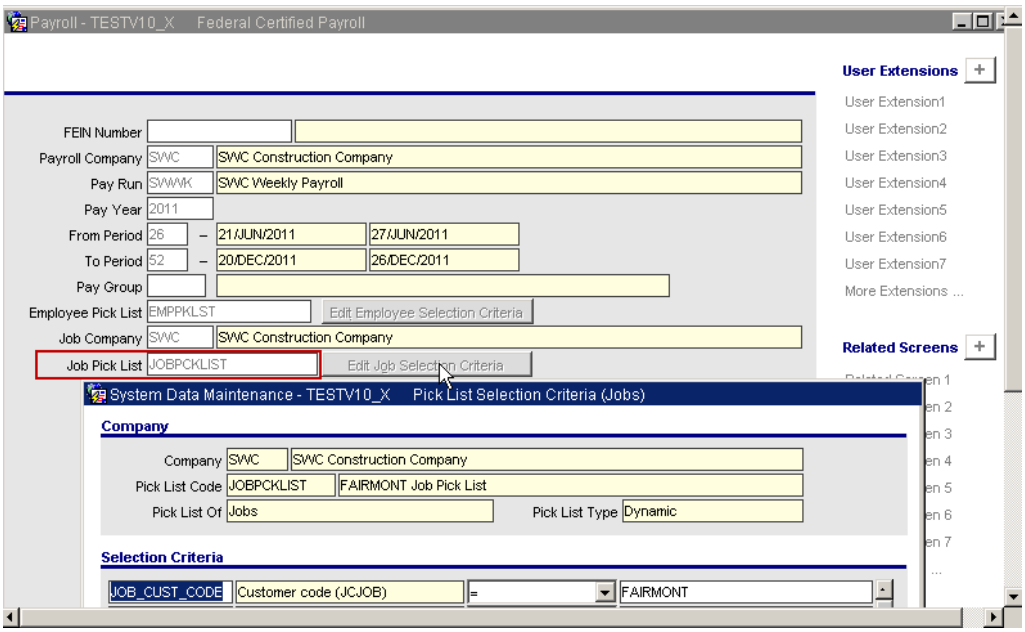
Federal Certified Payroll Report Pick List (11.60446)



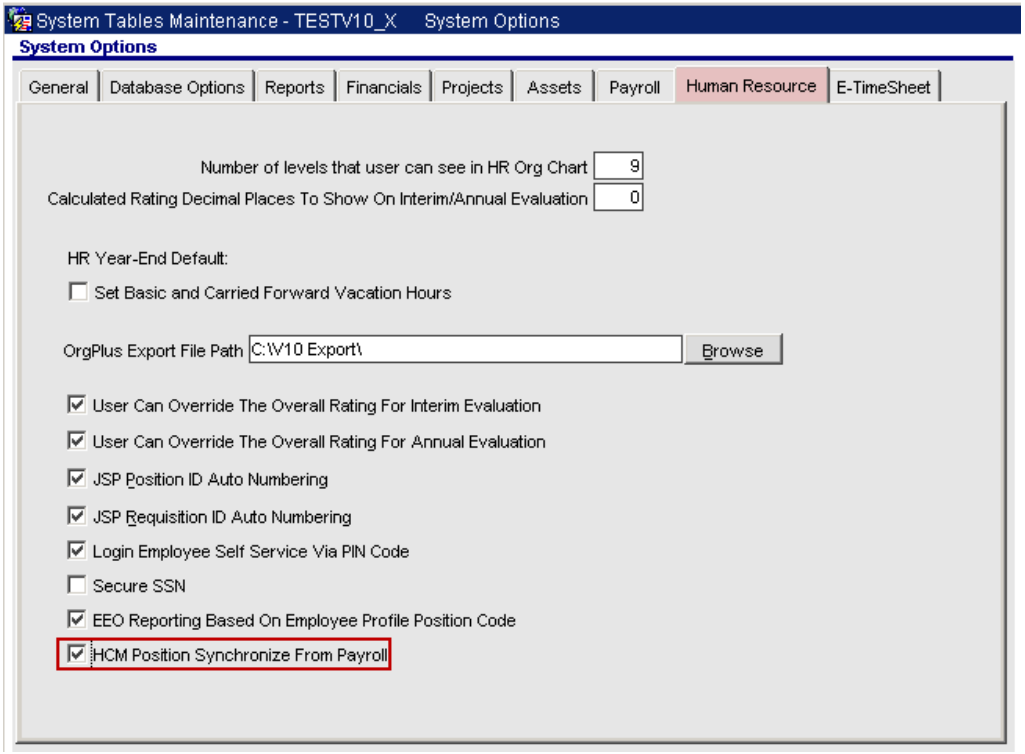
CMiC added two pick list selection options to the Federal Certified Payroll Report.

The first pick list is the 'Employee Pick List' which could be used to include employees in the report or exclude them from the report.

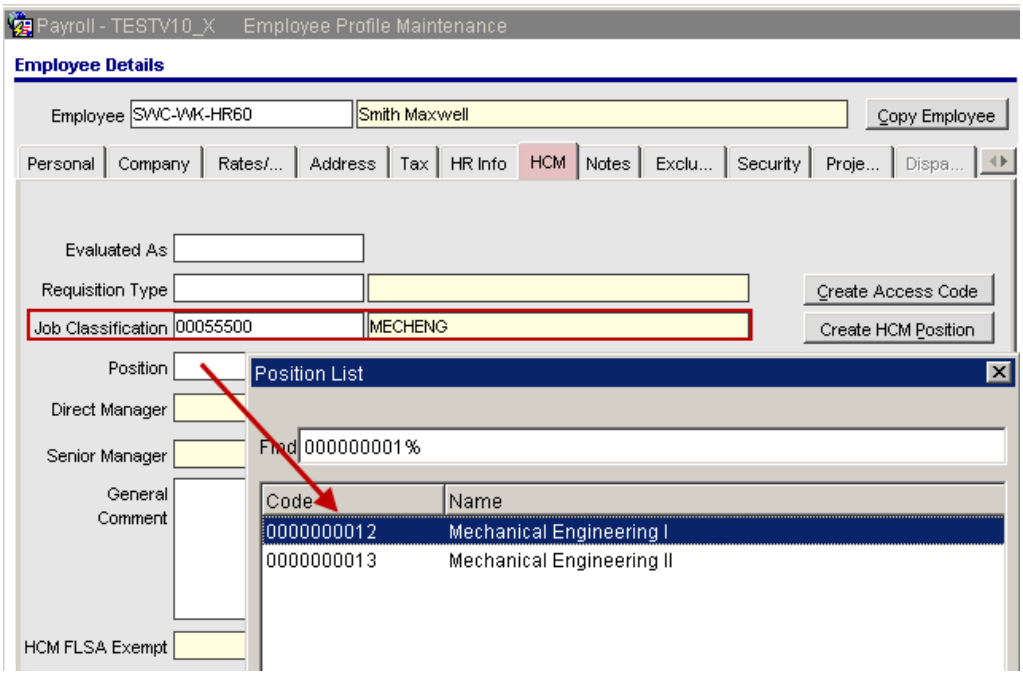
The second pick list is the 'Job Pick list' which could be used to include jobs in the report or exclude them from the report.



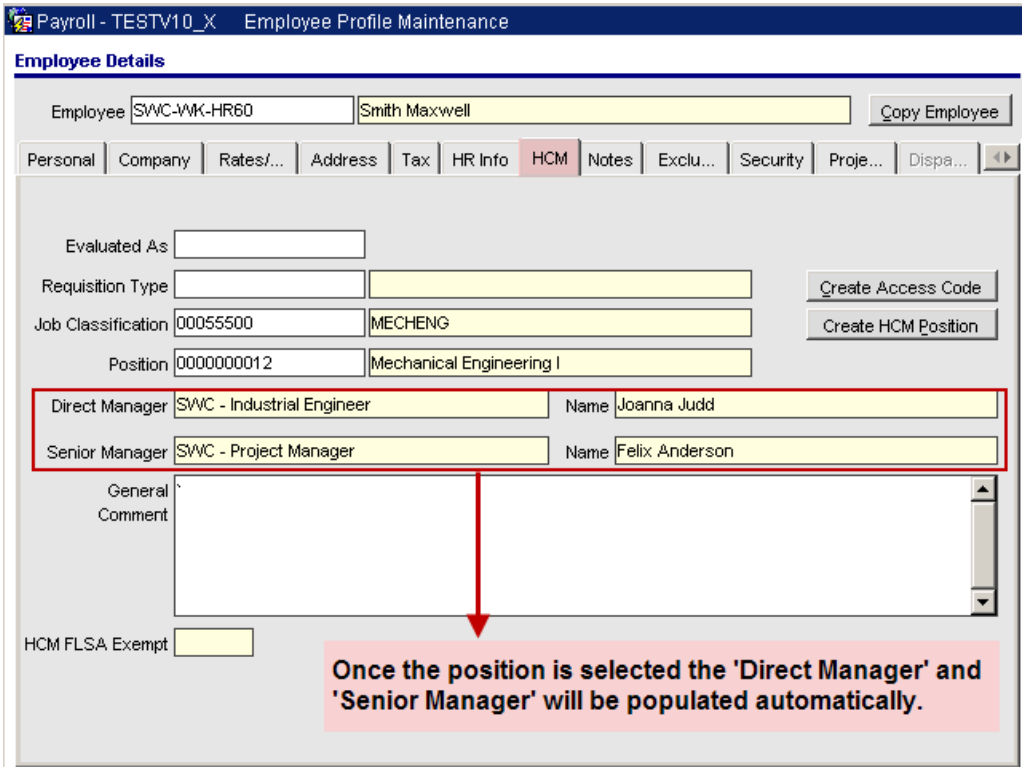
Automatically Synchronize Employee with Position Code (12.66145)

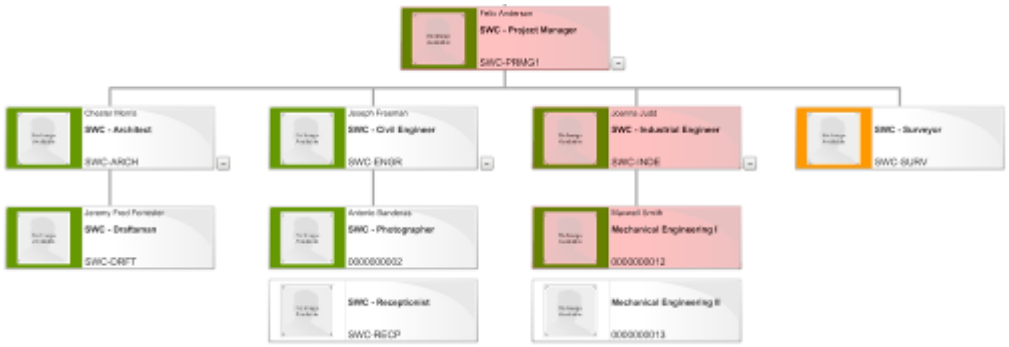


The Payroll/HCM programs are modified to allow for the automatic synchronization of Employees with a corresponding Position Code within the organizational structure.



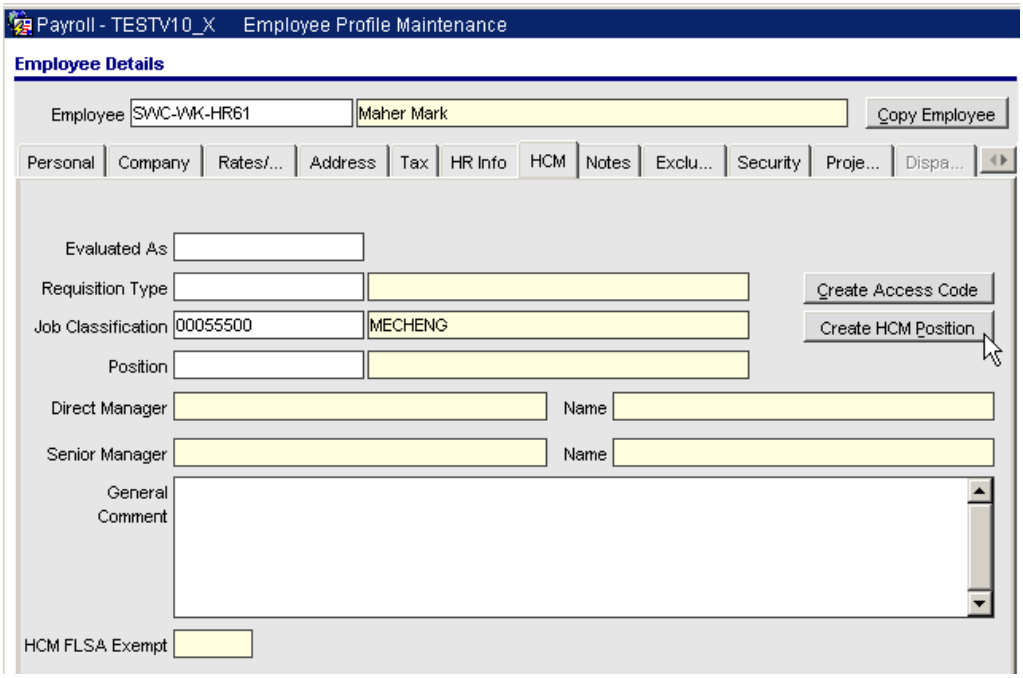
Under the Payroll HCM tab once the "Job Classification" is filled in, the program allows users to assign "Position" to the employee. The program only displays 'Open' position. The program automatically finds the "Direct Manager" and "Senior Manager" based on the controlling position ID set up under "Reports To" field in HCM Position and populates "Direct Manager" and "Senior Manager" field in profile.

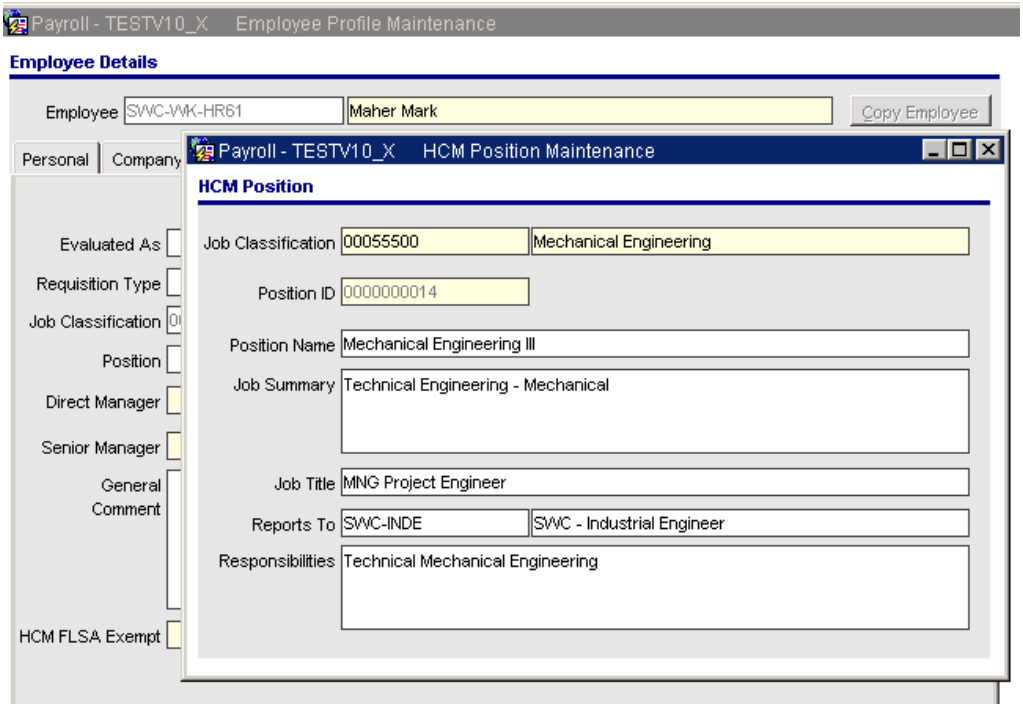


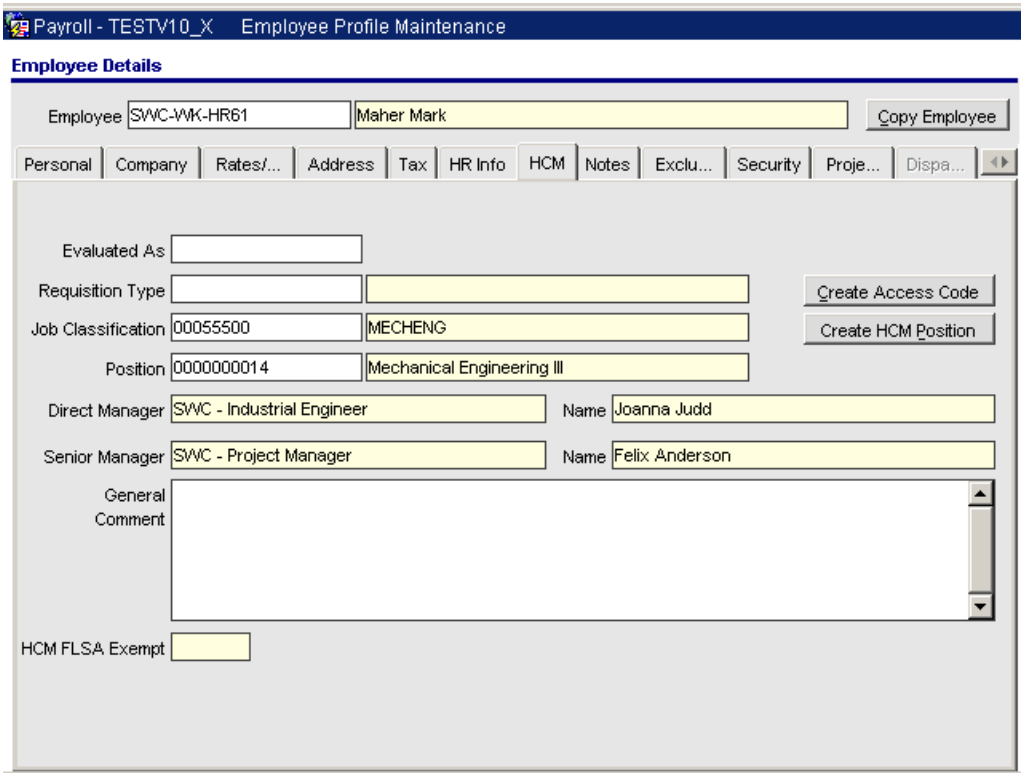


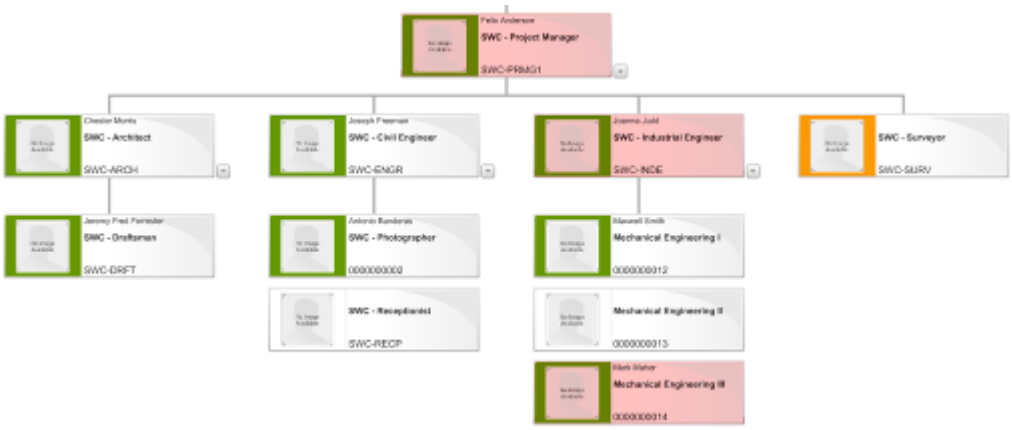
CMiC also added a new button on Employee Profile and Employee History to allow users to create position in HCM tables. The new popup will require a “Position Code” and “Position Name” and “Reports To” field. Based on the control flag the position ID will be filled automatically or user will provide a position ID manually.

The flag to create the Position ID automatically exists under System à System Options à Payroll. The flag is called “JSP Position ID Auto numbering”.




Payroll - TESTV10_X Employee Profile Maintenance
Employee Details
Employee SWC-WK-HR61 Maher Mark
Copy Employee
Personal Company
Evaluated As
Requisition Type
Job Classification
Position
Direct Manager
Senior Manager
General Comment
HCM FLSA Exempt
Payroll - TESTV10_X HCM Position Maintenance
HCM Position
Job Classification 00055500 Mechanical Engineering
Position ID 0000000014
Position Name Mechanical Engineering III
Job Summary Technical Engineering - Mechanical
Job Title MNG Project Engineer
Reports To SWC-INDE SWC - Industrial Engineer
Responsibilities Technical Mechanical Engineering


Payroll - TESTV10_X Employee Profile Maintenance
Employee Details
Employee SWC-WK-HR61 Maher Mark
Copy Employee
Personal Company Rates/... Address Tax HR Info HCM Notes Exclu... Security Proje... Dispa...
Evaluated As
Requisition Type
Job Classification 00055500 MECHENG
Position 0000000014 Mechanical Engineering III
Create Access Code
Create HCM Position
Direct Manager SWC - Industrial Engineer Name Joanna Judd
Senior Manager SWC - Project Manager Name Felix Anderson
General Comment
HCM FLSA Exempt



Dual Wage Level Classification – Public Liability (10.47275)

The **Dual Wage Level Classification** provides a method for reporting workers' compensation and public liability payroll. While the descriptions of the operations remain the same, each classification has two codes, depending on the regular hourly wage paid to each employee in any given pay period. For example, if you are a painting contractor, you will report your employees' payroll as follows:

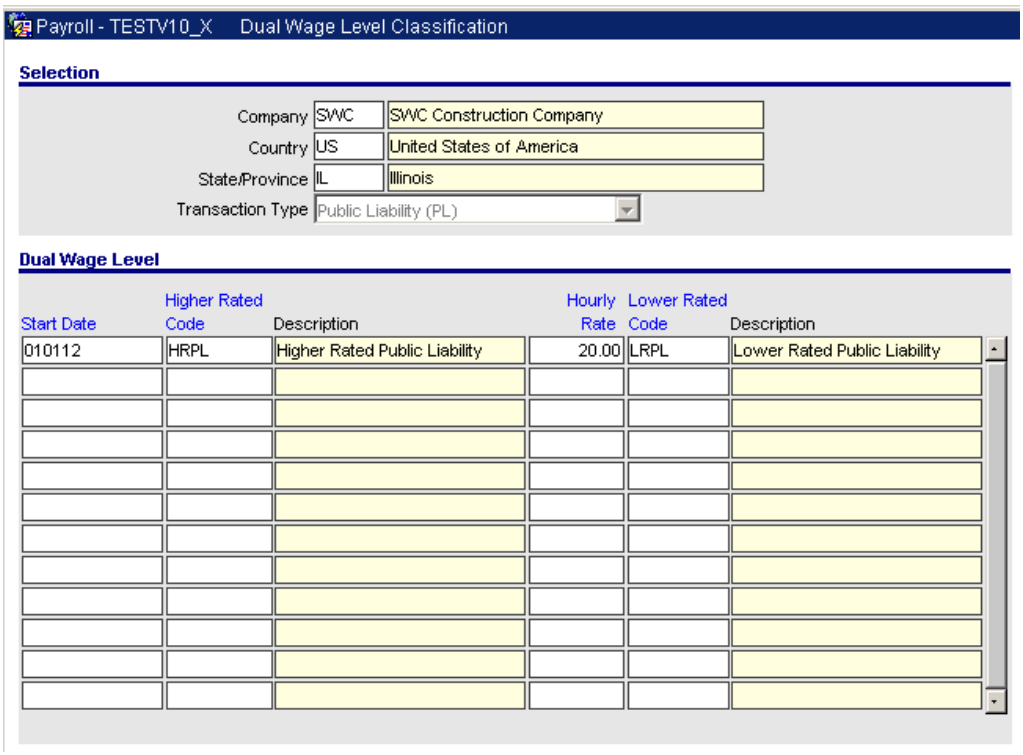
a) ***Code 5474, Painting*** – All employees whose regular hourly wage is $23.99 or less per hour.

b) ***Code 5482, Painting*** – All employees whose regular hourly wage is $24.00 or more per hour.

To determine the classification code for salaried employees, divide their earnings by the number of hours in the salary period.

CMiC has enhanced the Payroll application by adding Dual Wage Level Classification for Public Liability.





All public liability codes need to first be defined in the Public Liability Codes Maintenance screen.

Once that is done, the Public Liability Dual Level Wage Level Classification screen must be used to define the Higher Rated and Lower Rated PL Codes, the Effective Start Date, and the Hourly Rate that is applicable for each classification.

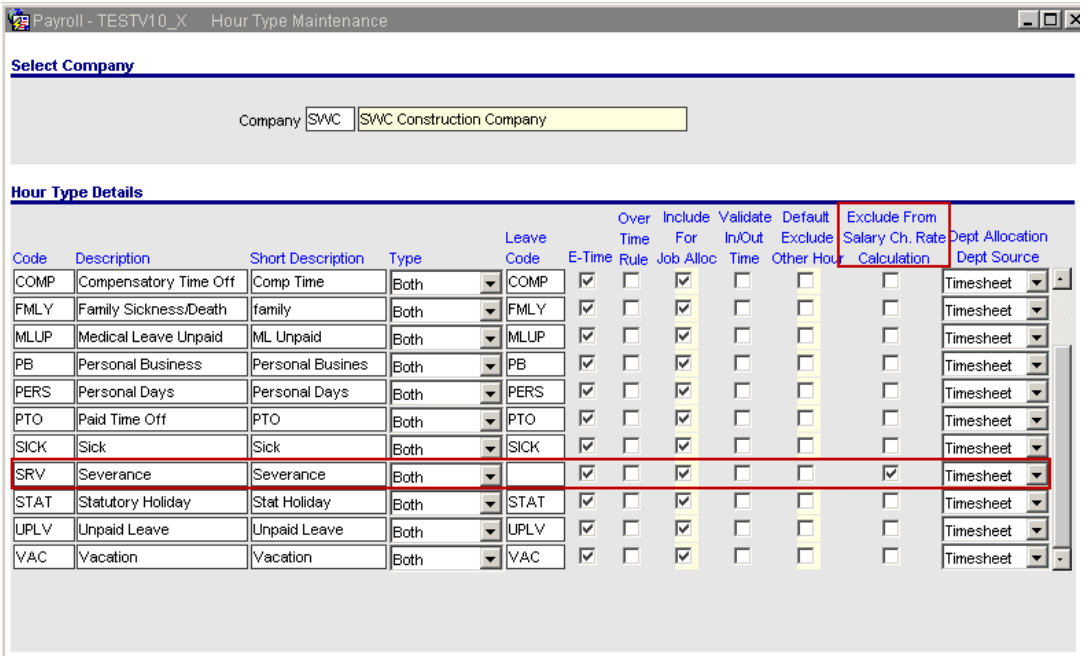
PROCESSING

A process has been created that will run prior to posting timesheets.

This process will find any timesheet record that has a Higher Rated PL Code listed in the Dual Wage Level Classification screen and then run a routine that will:

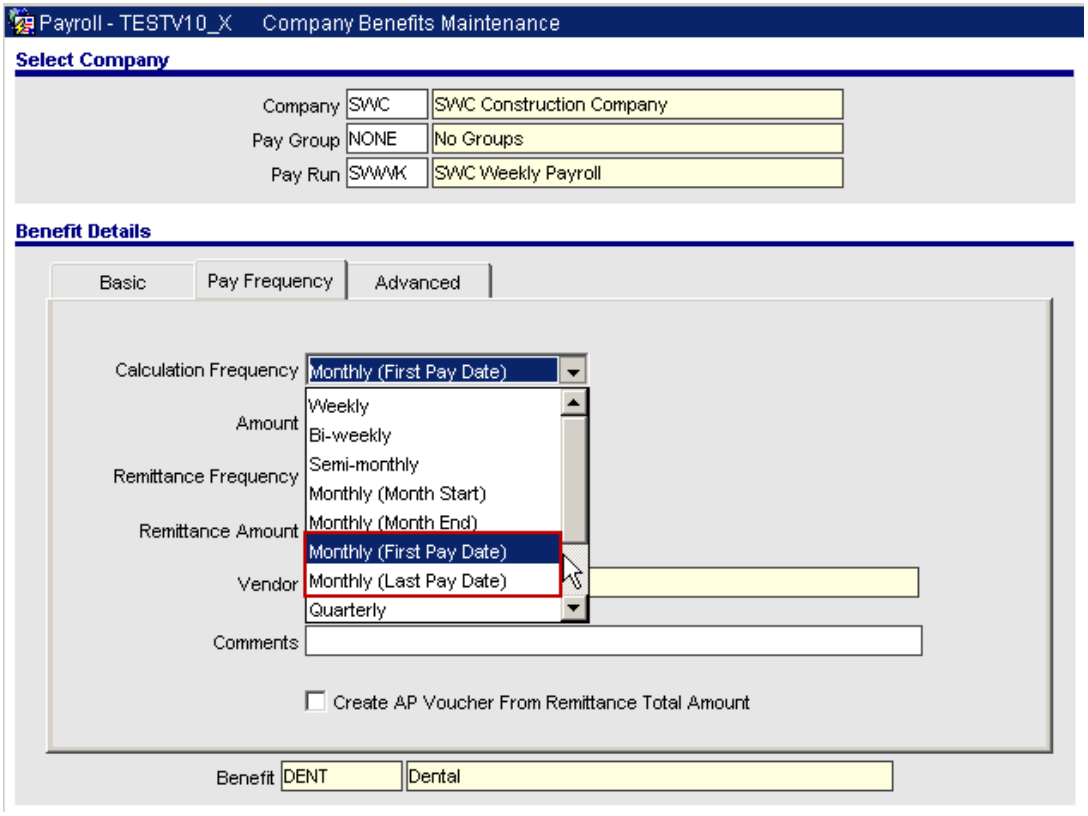
a) Get the timesheet Employee Pay Rate
b) Calculate the total Fringe Benefits per hour and add it to the timesheet Employee Pay Rate
c) Compare the New Employee Pay Rate to the Hourly Rate defined on the 'Dual Wage Level Classification' screen
d) If Employee Pay Rate is equal or greater than the Hourly Rate, then pick the Higher Rated Code
e) If Employee Pay Rate is less than the Hourly Rate, then pick the Lower Rated Code

Exclude Hour Type from Salary Charge Rate Calculation (12.67688)

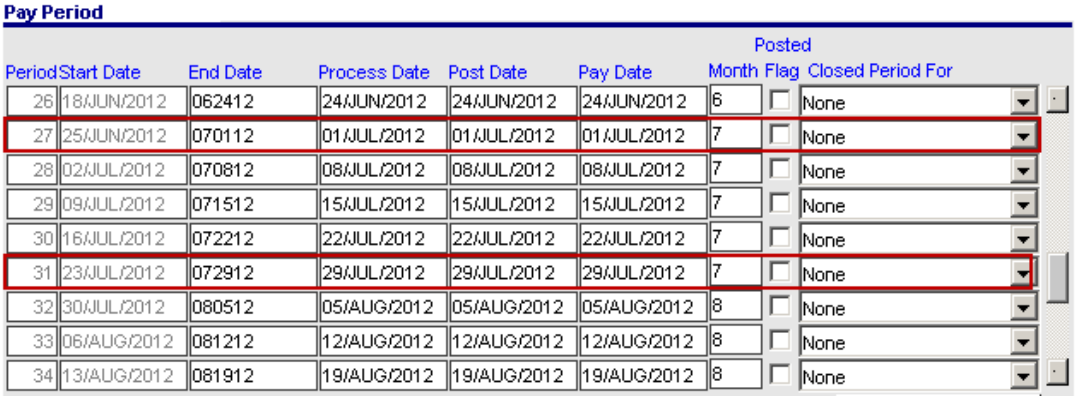


CMiC added a new flag on the Company Hour Type Maintenance screen to allow exclusion of 'Other Hour' types from the Re-calculate Charge Rate functionality and modified the charge rate calculation processing to consider the flag on hour type and if checked exclude it from the calculations.

Last/First Pay Date of Month for Ben/Ded Pay Frequency (12.65532)

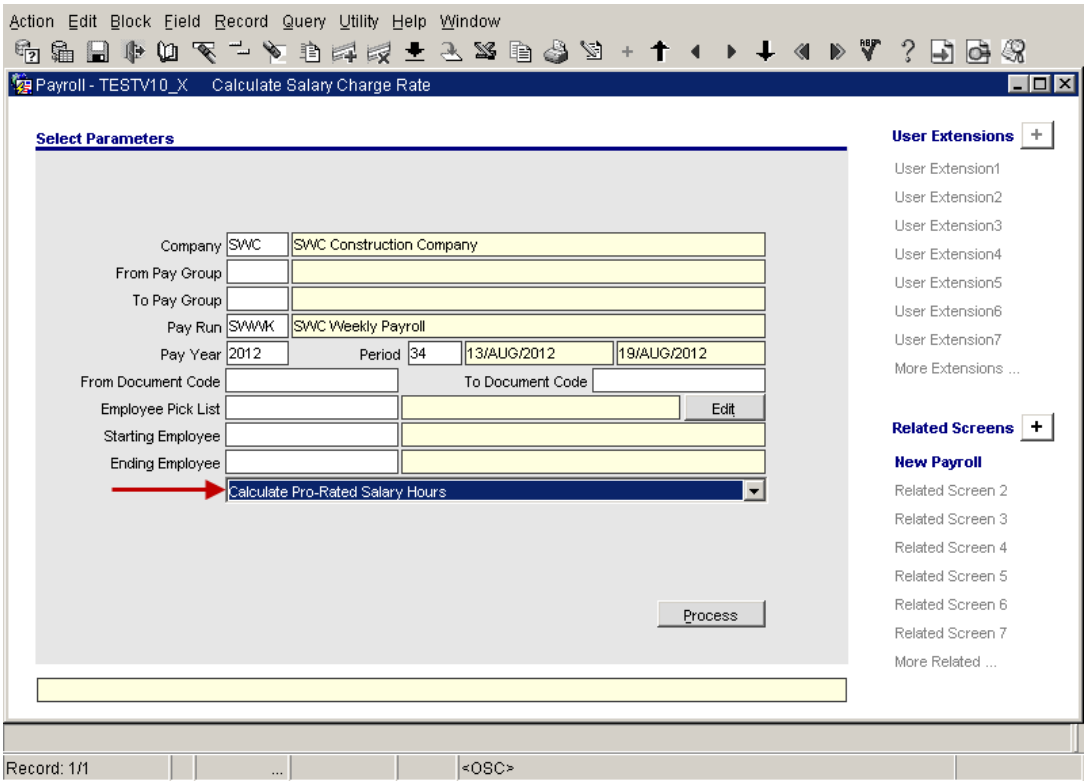


CMiC added two new options "Monthly (First Pay Date)" and "Monthly (Last Pay Date)" on Company Benefits/Deductions Maintenance to allow users to calculate the benefit/deduction based on the "Pay Date - Month Start" (e.g. period 27 in below screen) and "Pay Date - Month End" (e.g. period 31 in below screen) setup under the company period maintenance screen. The processing and reports are modified to consider the new options for Benefit and Deduction calculations.



Period	Start Date	End Date	Process Date	Post Date	Pay Date	Posted Month	Flag	Closed Period For
26	18/JUN/2012	062412	24/JUN/2012	24/JUN/2012	24/JUN/2012	6		None
27	25/JUN/2012	070112	01/JUL/2012	01/JUL/2012	01/JUL/2012	7		None
28	02/JUL/2012	070812	08/JUL/2012	08/JUL/2012	08/JUL/2012	7		None
29	09/JUL/2012	071512	15/JUL/2012	15/JUL/2012	15/JUL/2012	7		None
30	16/JUL/2012	072212	22/JUL/2012	22/JUL/2012	22/JUL/2012	7		None
31	23/JUL/2012	072912	29/JUL/2012	29/JUL/2012	29/JUL/2012	7		None
32	30/JUL/2012	080512	05/AUG/2012	05/AUG/2012	05/AUG/2012	8		None
33	06/AUG/2012	081212	12/AUG/2012	12/AUG/2012	12/AUG/2012	8		None
34	13/AUG/2012	081912	19/AUG/2012	19/AUG/2012	19/AUG/2012	8		None

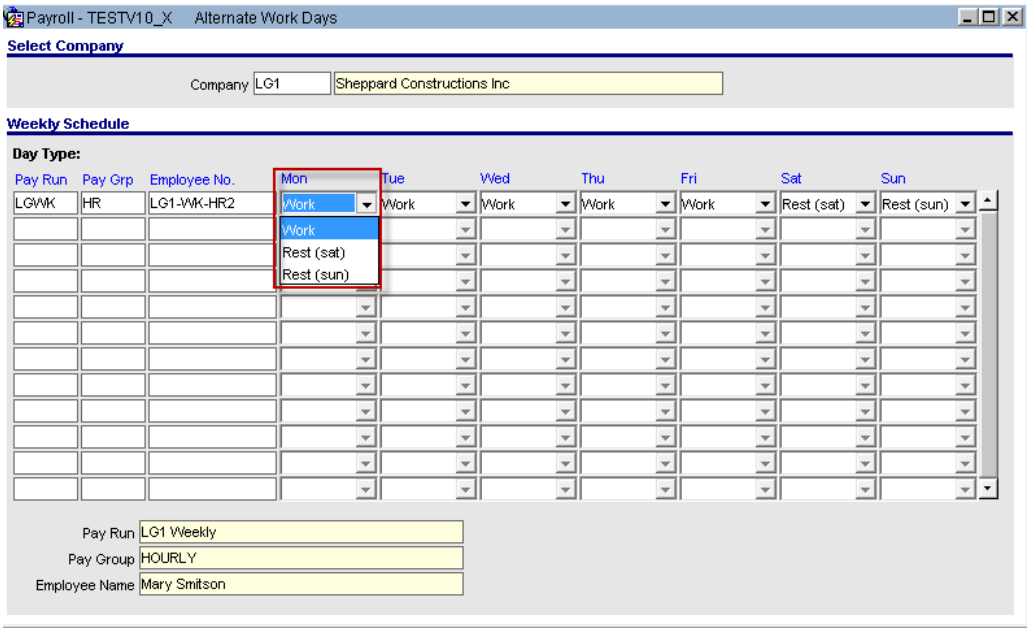
Recalculate Salary Hours (12.71179)



CMIC added a new program “Calculate Pro-rated Salary Hours” to allow user to pro-rate time-sheet hours for Salary employees to the employee’s profile hours. This new program is added under Menu > Timesheet > Re-calculate Pro-rated Salary Charge Rate.

When this program is run, only hours entered as Normal Working Hour will be processed. Overtime and Double Overtime Hours are excluded from processing. Users will have the option to also exclude non-working hours (i.e. leaves) from the process.

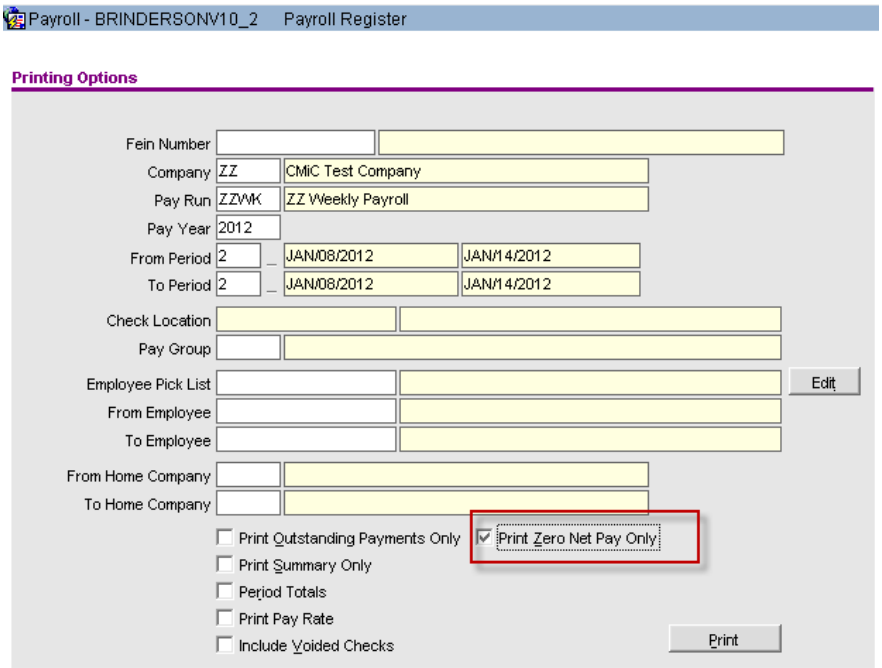
Alternate Work Days Functionality (12.73116)



CMIC added a new functionality “Alternate Work Days" to allow user to define for each employee fixed work schedule that is not assumed to be Monday to Friday. If no schedule is defined, the system will continue to assume Monday to Friday work schedule.

This new functionality is added under Menu > PY > Company > Alternate Work Days.

Payroll Register Report – Print Zero Net Pay (12.72343)

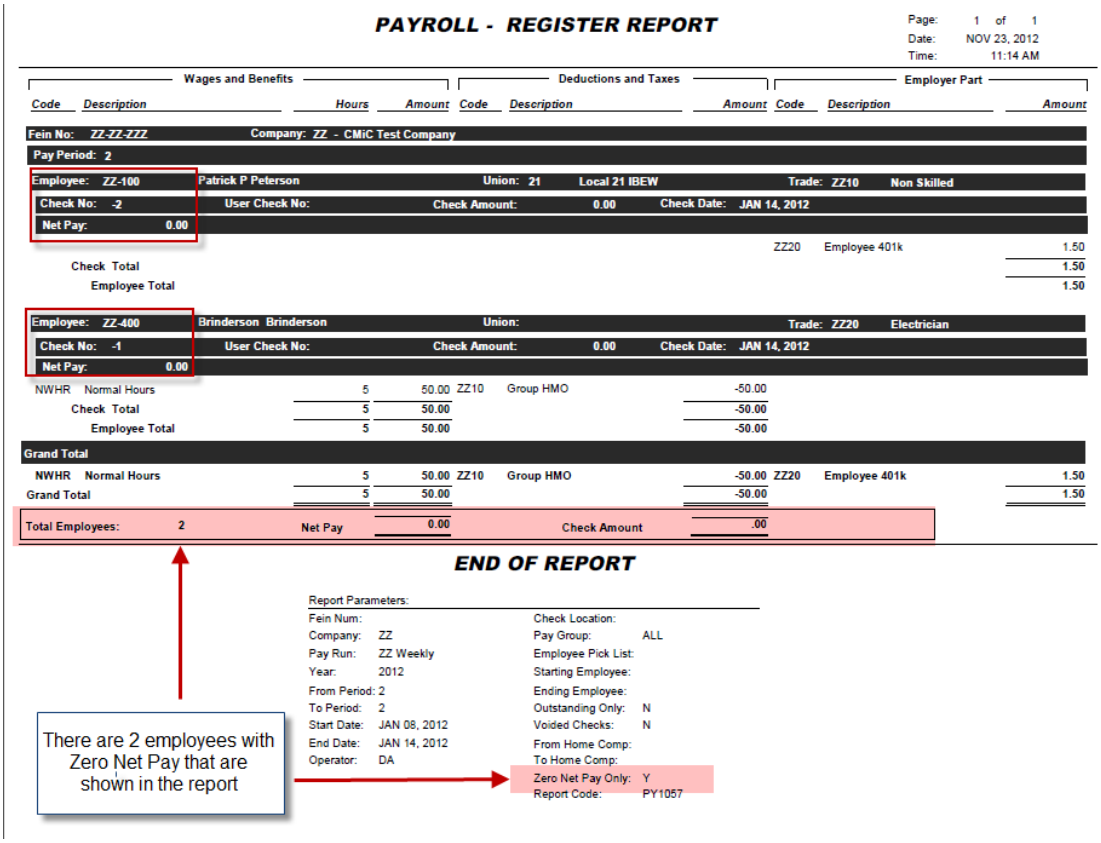


CMiC added a new option on Payroll Register Report called "Print Zero Net Pay". By selecting this option, the report will only print all employees who have ZERO dollar net pay.

Modifications:

Processing > Pay Register Report > Check the "Print Zero Net Pay" checkbox > Run the report

The report shows only employees with Zero Net Pay.



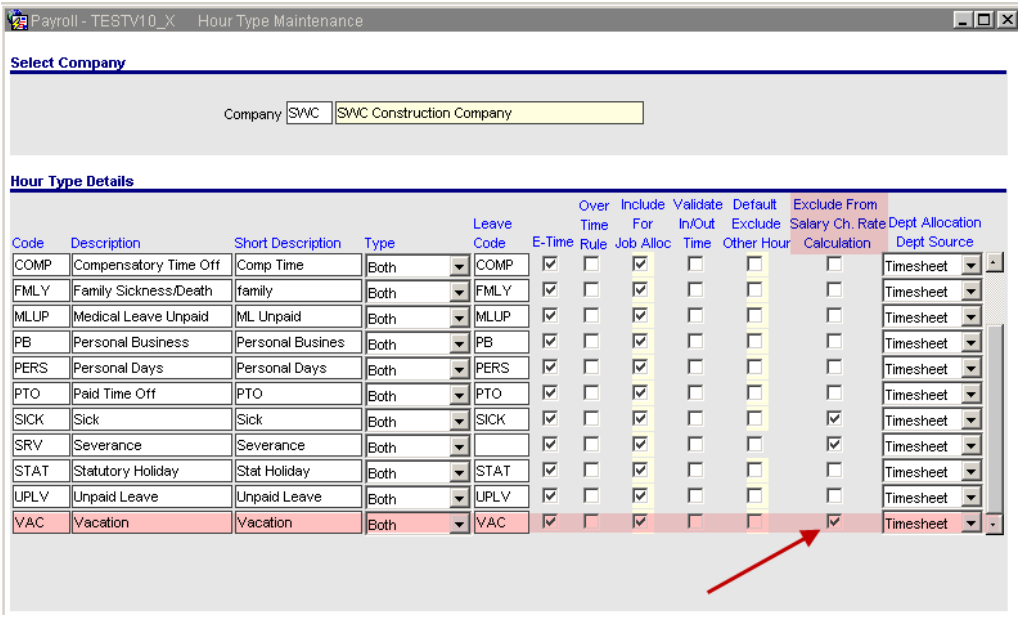
Recalculate Salary Hours (12.71179)

CMIC added a new program “Calculate Pro-rated Salary Hours” to allow user to pro-rate hours for Salary employees. This new program is added under Menu > Timesheet > Re-calculate Pro-rated Salary Charge Rate.

When this program is run, only hours entered as Normal Working Hour (NWHR > 40) will be processed. Overtime and Double Overtime Hours are excluded from processing. Users will have the option to also exclude non-working hours (i.e. leaves) from the process.

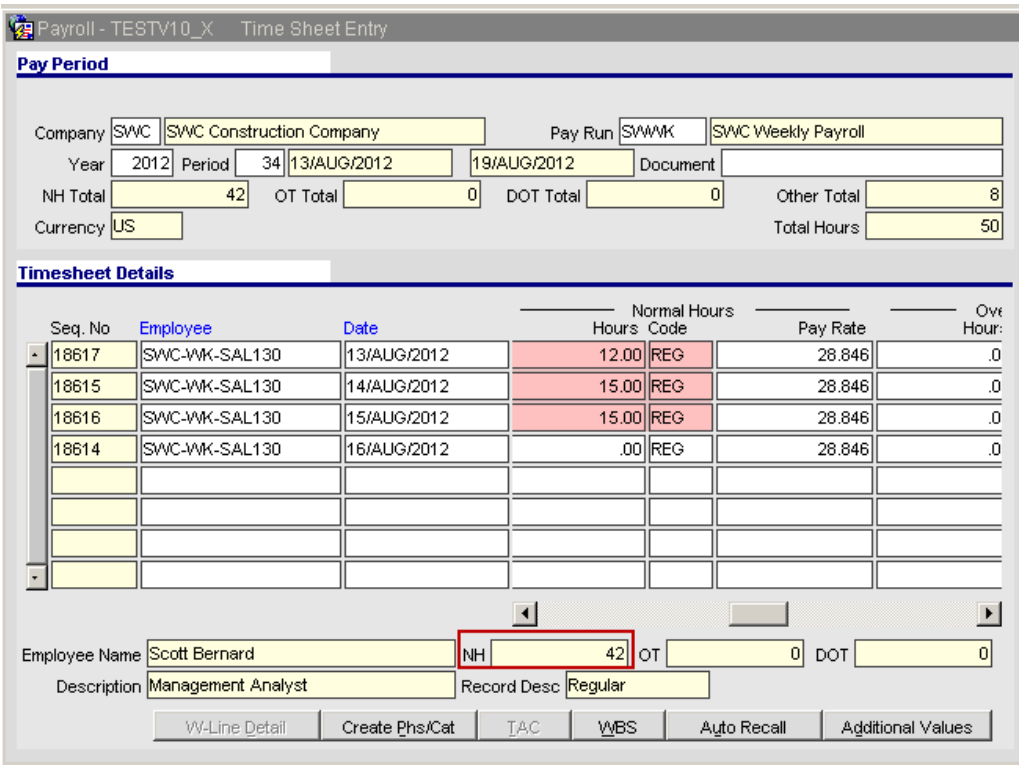
Modifications:

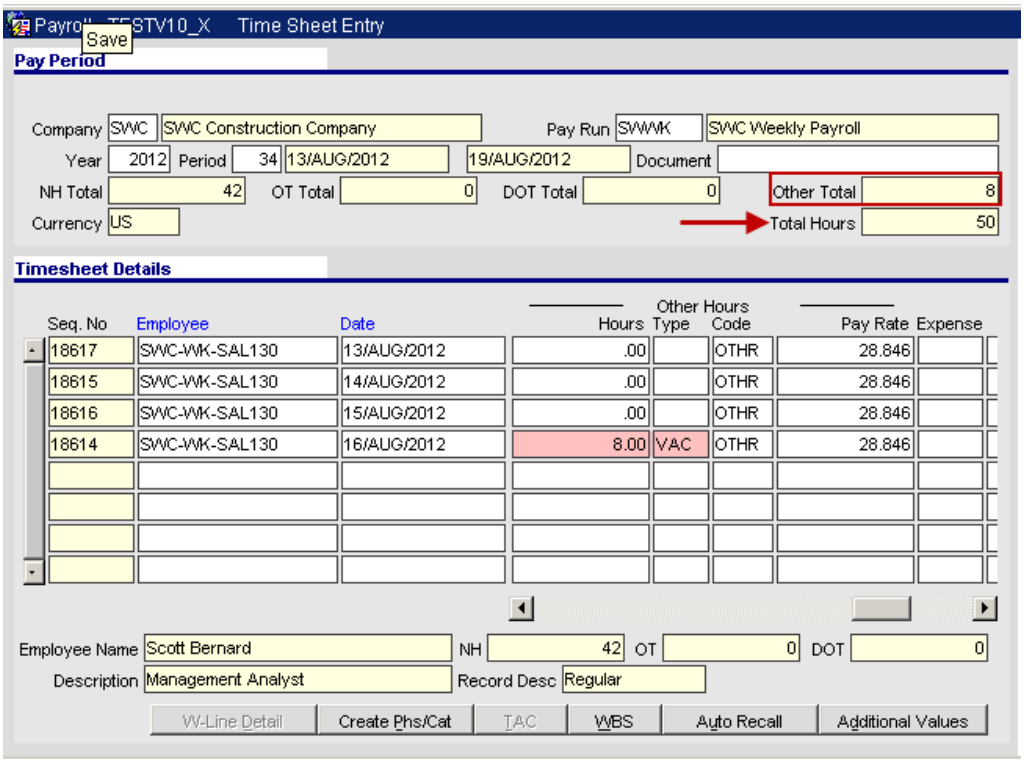
Exclude non-working hours from “Calculate Pro-rated Hours” program



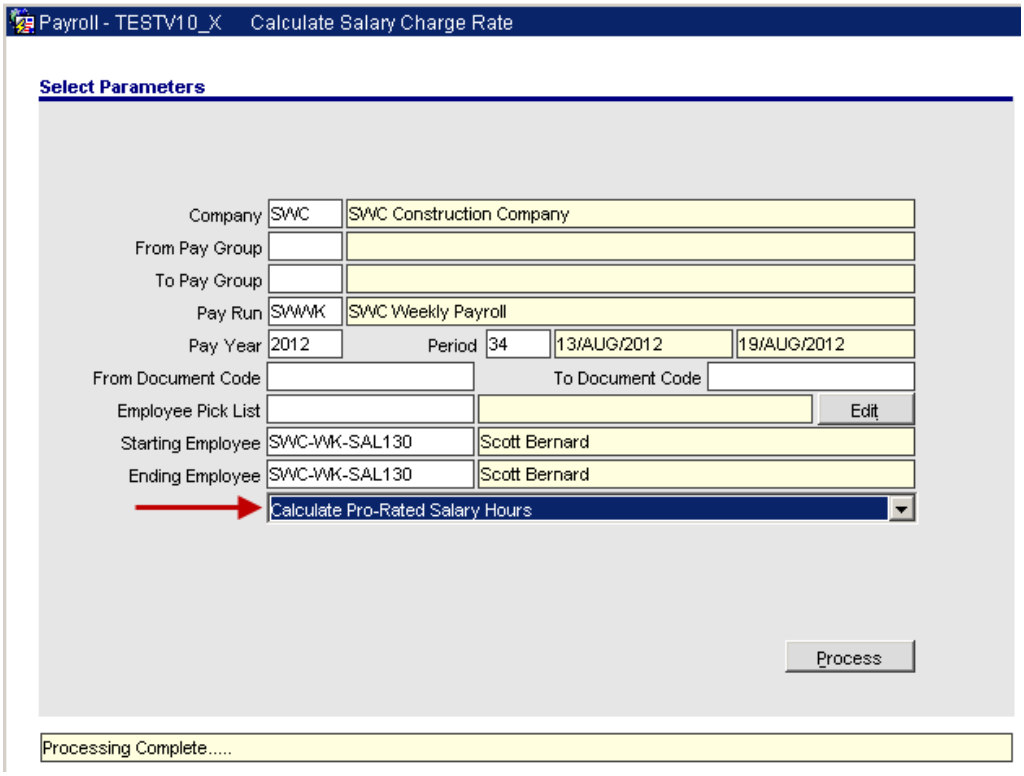
- Enter NWHR and Leave for an employee on Timesheet Entry
  Example:

  Job 1 à 12 hrs
  Job 2 à 30 hrs
  VAC à 8 hrs

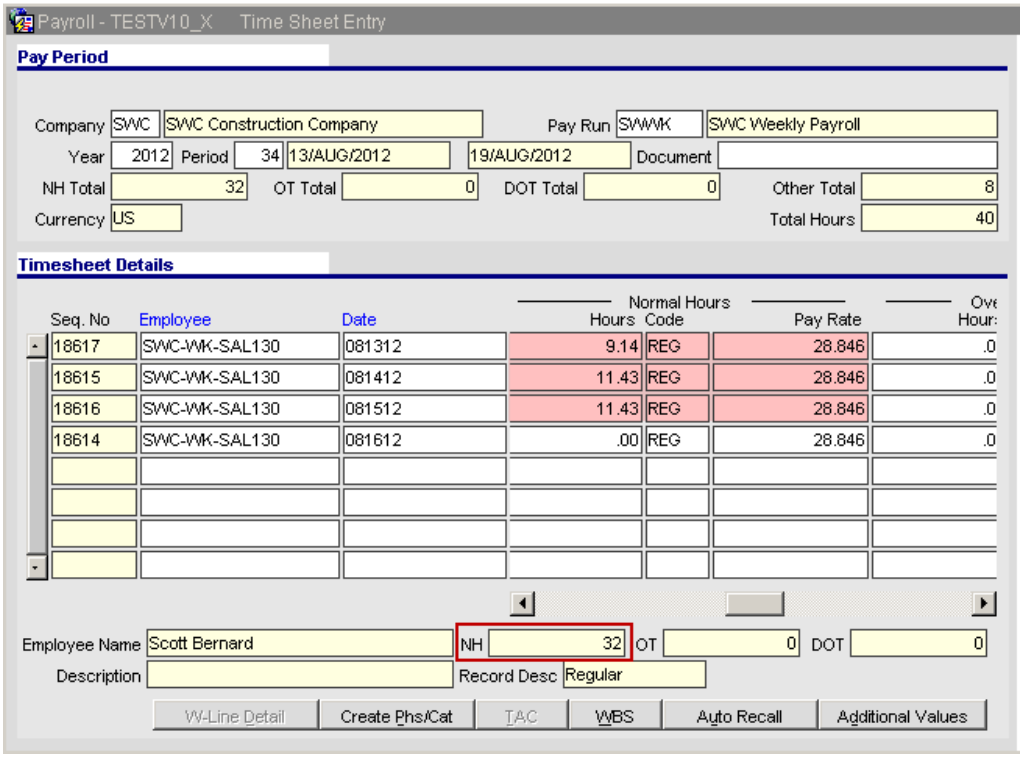


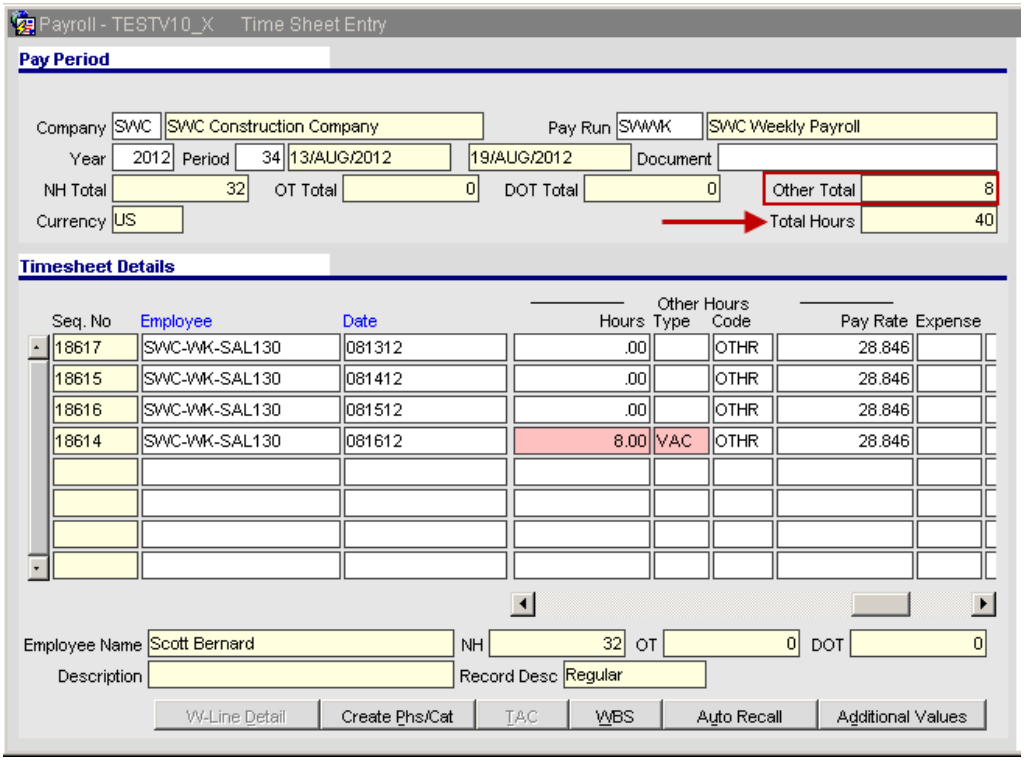


- Run the program

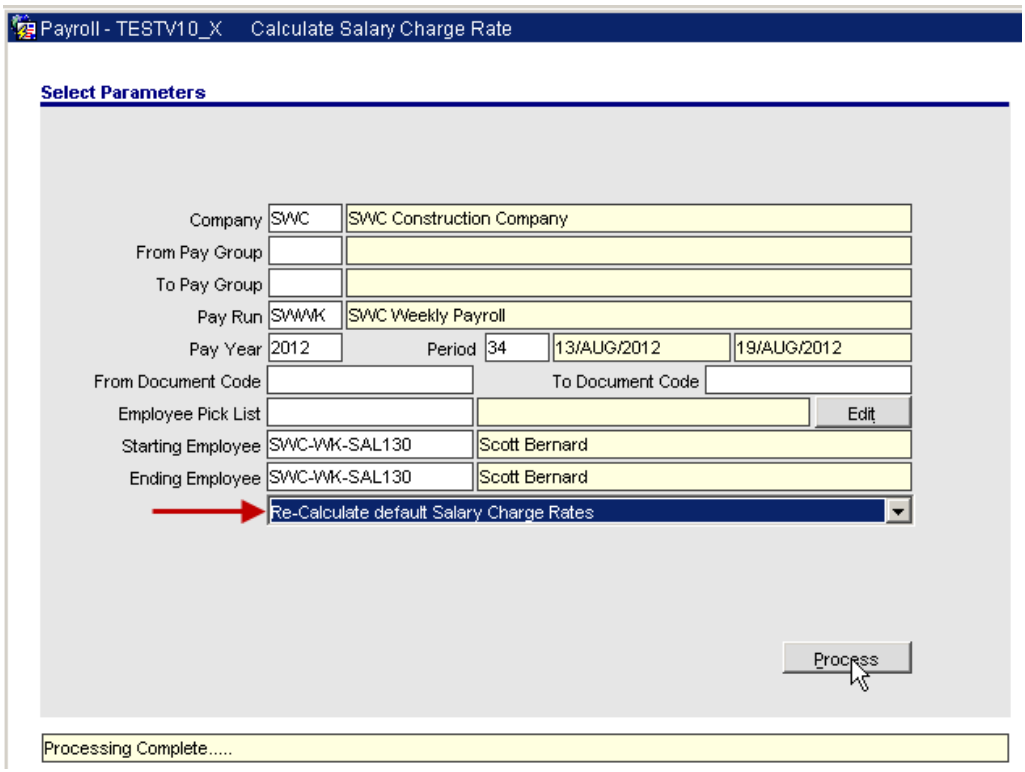


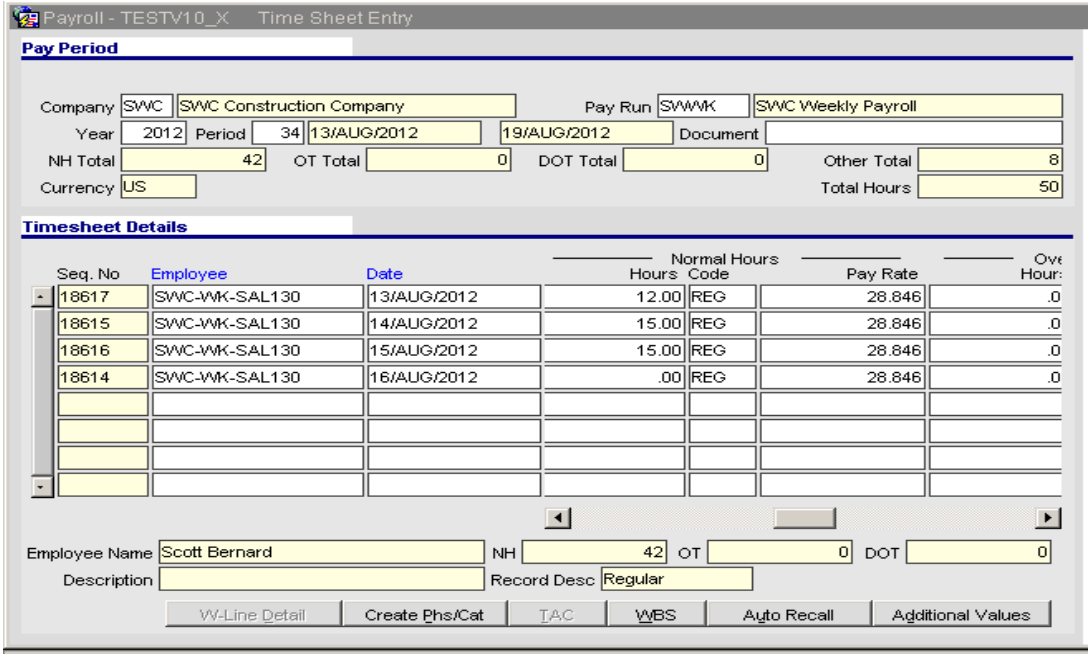
- After processing NWHR are adjusted for Job 1 & Job 2, but VAC hrs. is still the same. The total hours for the period will be the same as the profile hours for the employee (in this example is 40)





- This process can be reverted back if required





Password options securing emailing of Direct Deposit Stubs (12.75000)

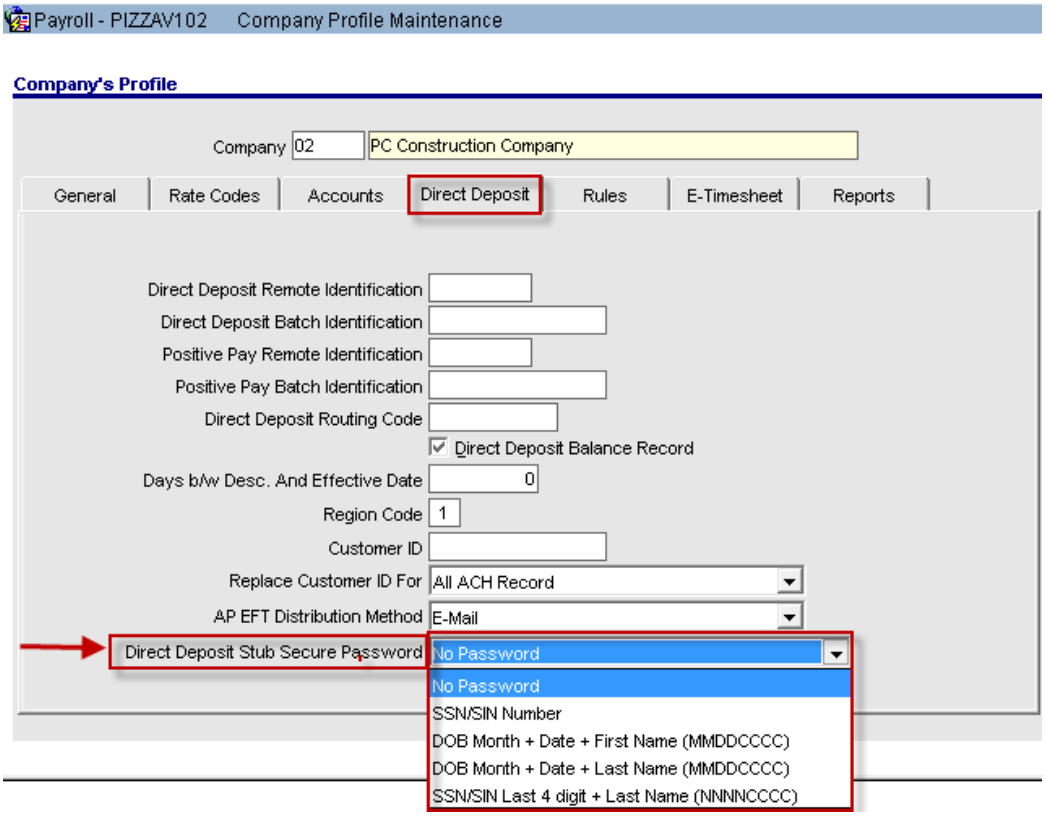
CMIC added a new option on Company Control screen to allow users to choose different password options for emailing a secure PDF Direct Deposit Stub.

Modifications:

The new option was added to the Direct Deposit Tab as a "Direct Deposit Stub Secure Password" field with drop-down list with the following selections:

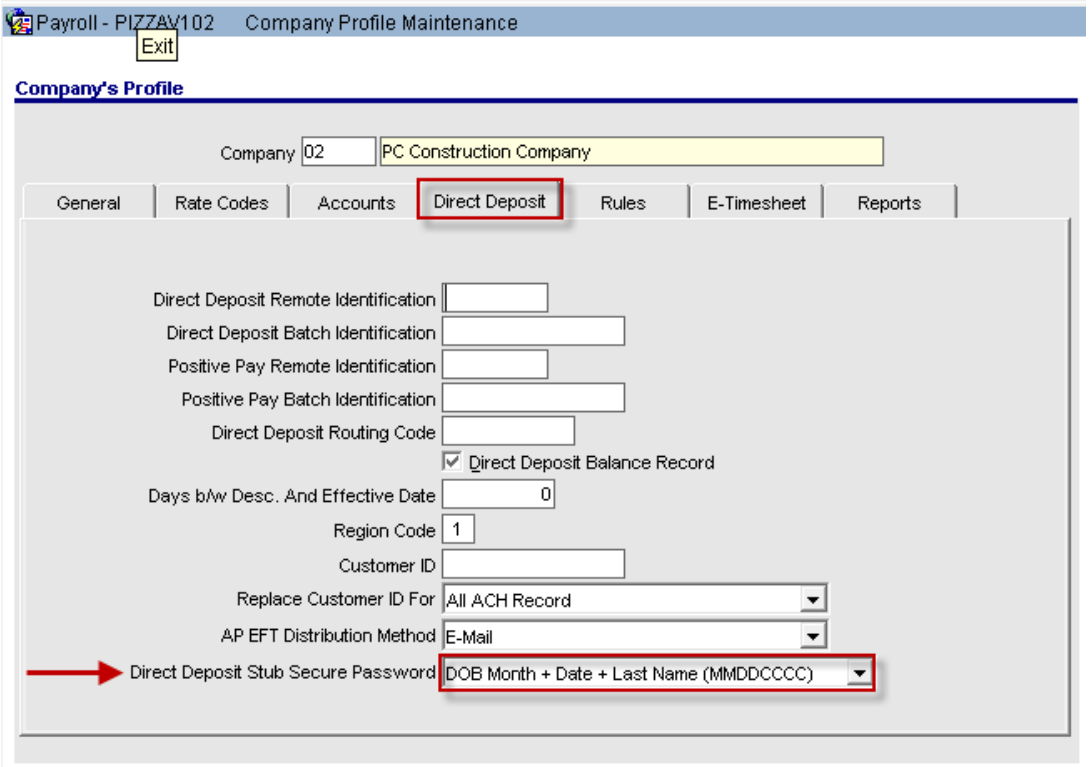
1. No password
2. SSS/SIN Number
3. DOB Month+Date+First Name (MMDDCCCC)
4. DOB Month+Date+Last Name (MMDDCCCC)
5. SSN/SIN Last 4 digits +Last Name (NNNNCCCC)

* First and Last Name letters in the password should be entered as Capital Letters.

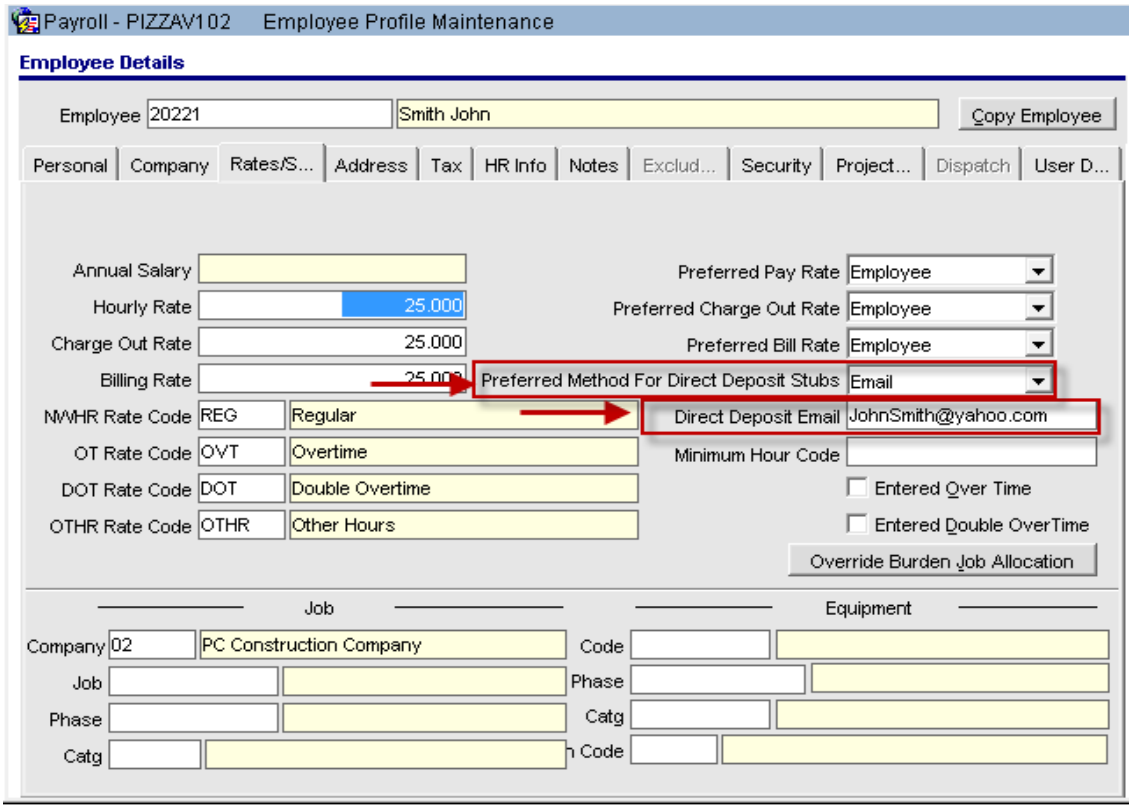


Example:

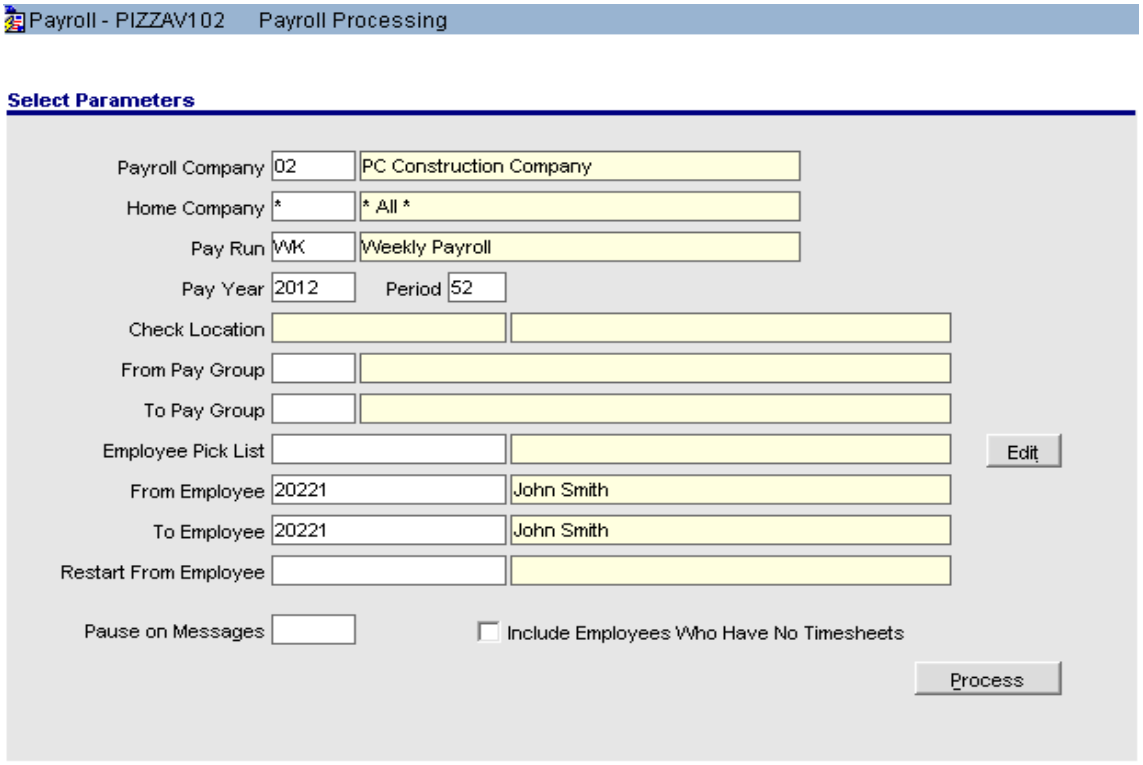
- Enter Company Control ->Direct Deposit Tab and Choose option "DOB Month+Date+LastName" in Direct Deposit Stub Secure Password field.

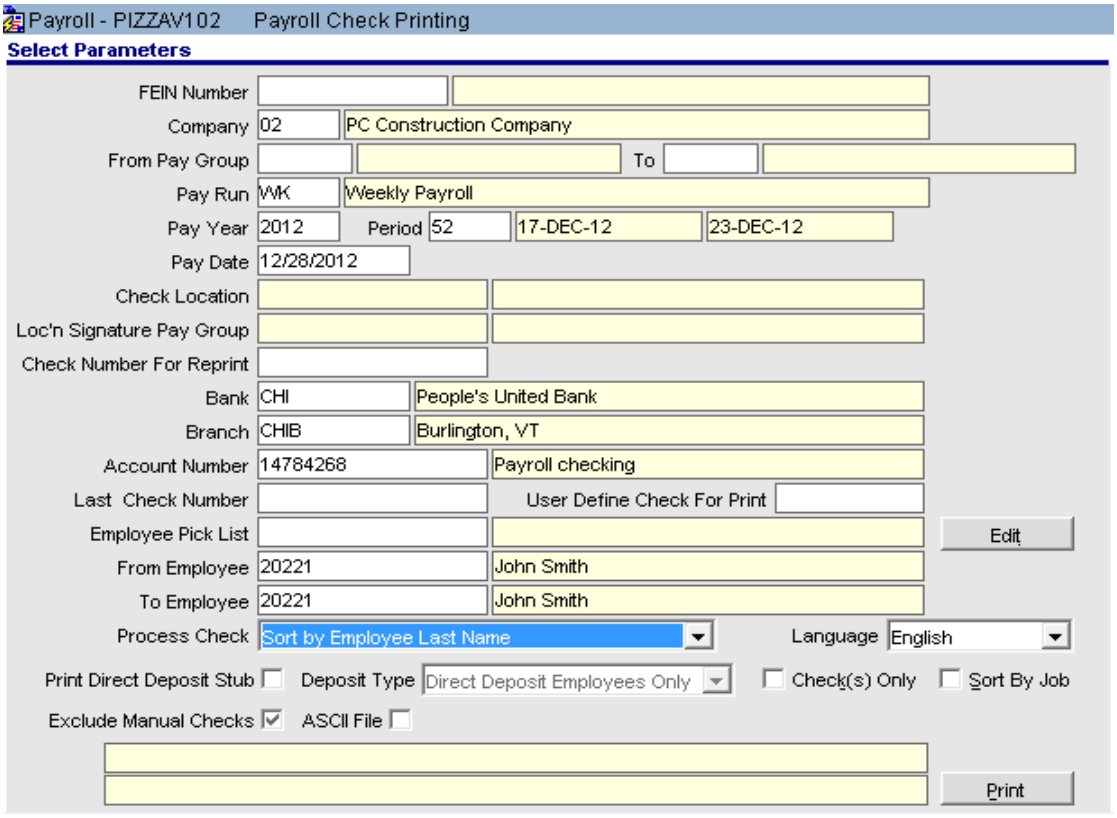


- Make sure that Employee's e-mail address is entered as well Preferred Method for Direct Deposit Stubs is setup to "Email".

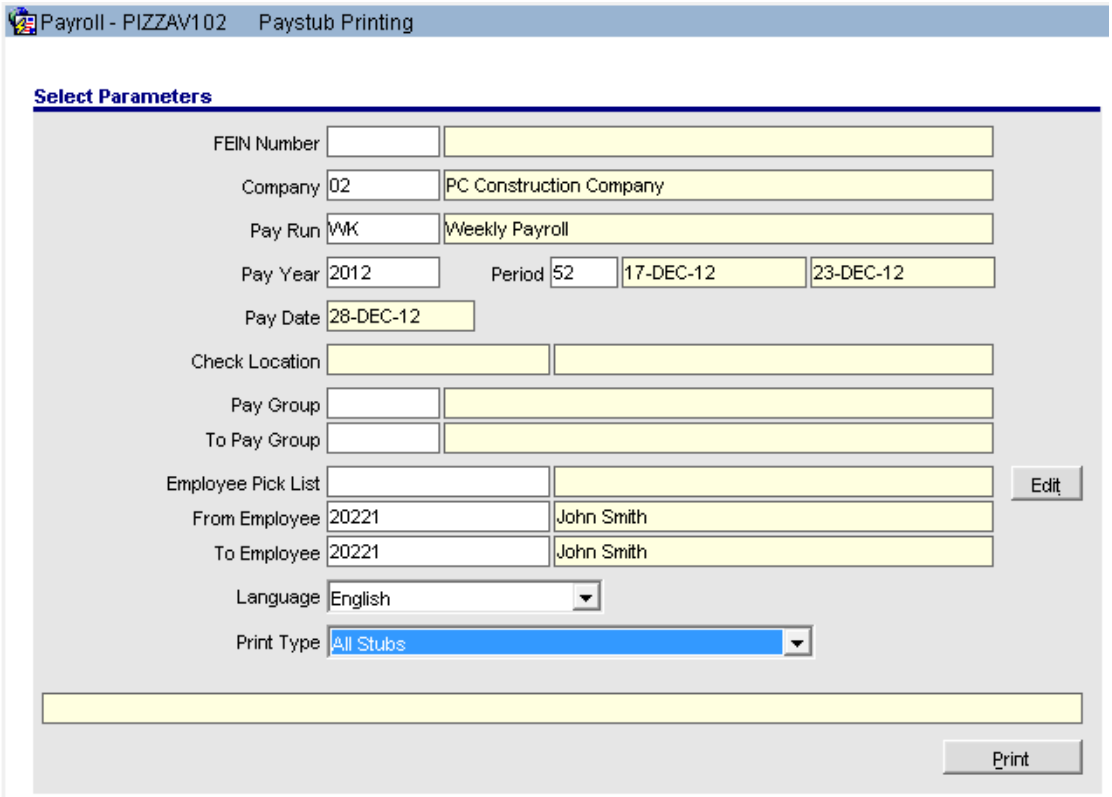


- Process Payroll and Check Printing

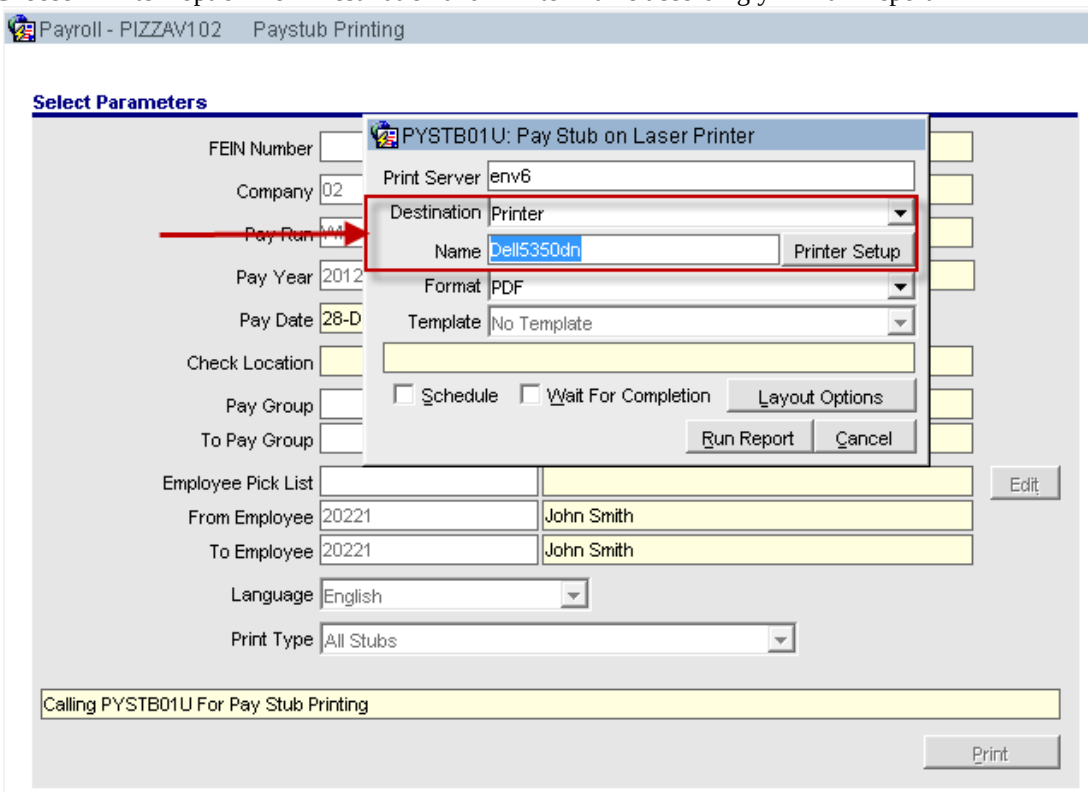




- Go to Paystub Printing Screen and click Print

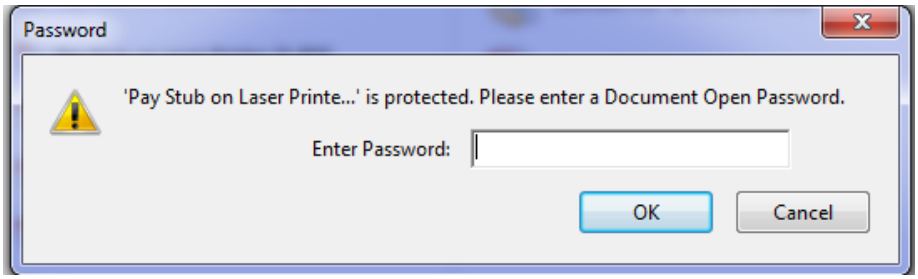


- Choose "Printer" option from Destination and Printer Name accordingly -> Run Report

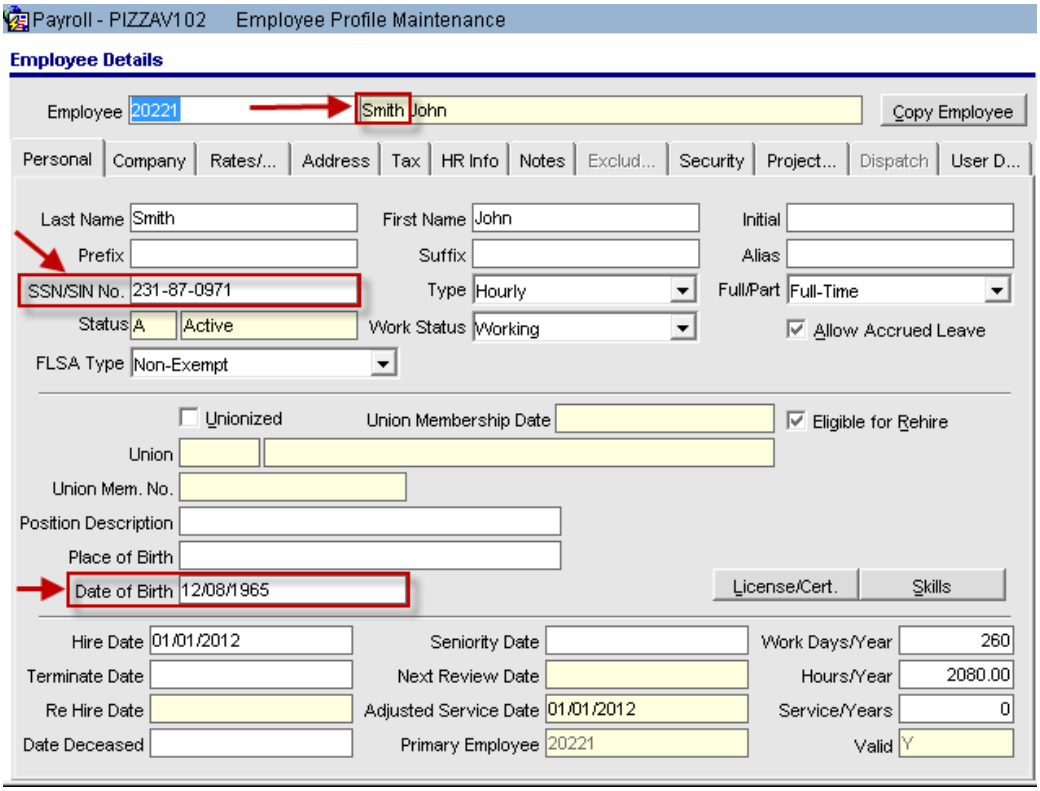


- Direct Deposit Paystub will be sent automatically to Employee's e-mail address.

- Employee gets an e-mail with attached Pay Stub in PDF format.
  When employee clicks on attachment it opens pop up window asking for Password.



- Password combinations for Employee "John Smith" :



Option	**Password required to Open Secure Direct Deposit PDF Stub**
SSN/SIN Number	231870971
DOB Month + Date + First Name (MMDDCCCC)	1208JOHN
DOB Month + Date + Last Name (MMDDCCCC)	***1208SMIT***
SSN/SIN Last 4 digit + Last Name (NNNNCCCC)	0971SMIT

- Employee enters password “1208SMIT" according to settings in Direct Deposit Tab in order to open the Direct Deposit Paystub.

Oracle Timesheet Import Utility (Multi User) (11.62092)

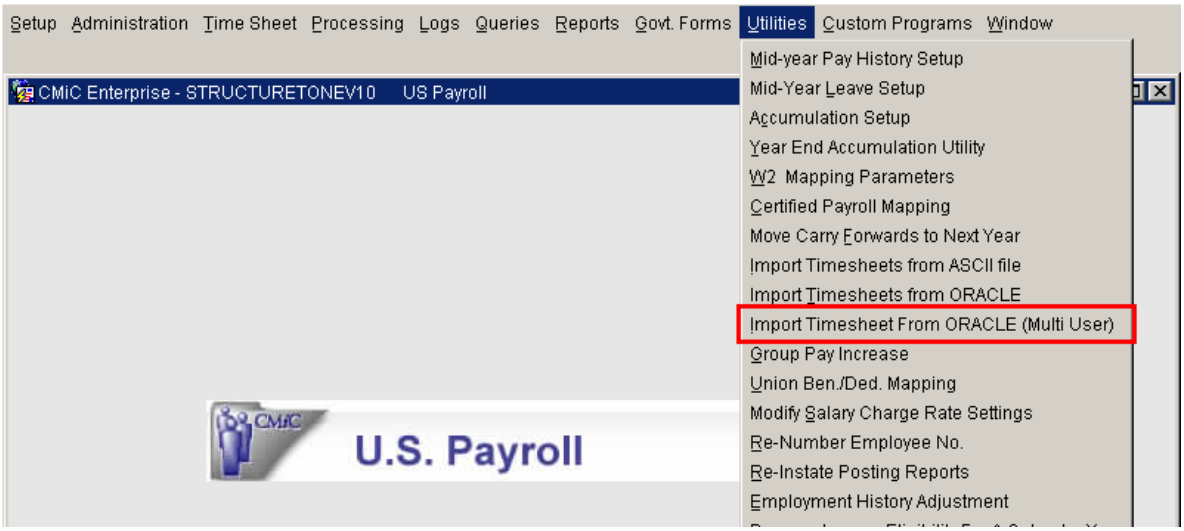
The current payroll timesheet import program LOCKS the entire table once users start modification to the rejected entries; therefore NO other users can modify data until first user commits his/her changes.

This is addressed with this new import utility that allows multiple users use the utility at the same time.

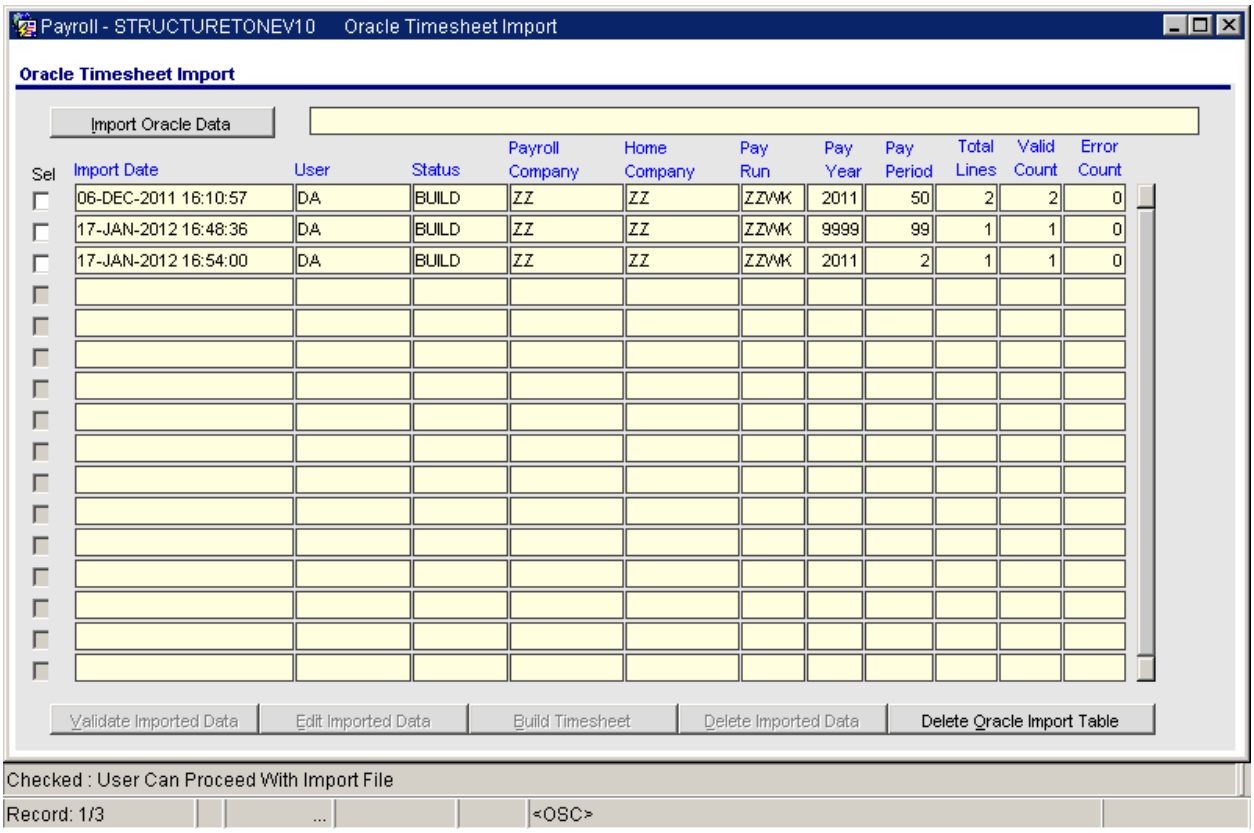
Implementation

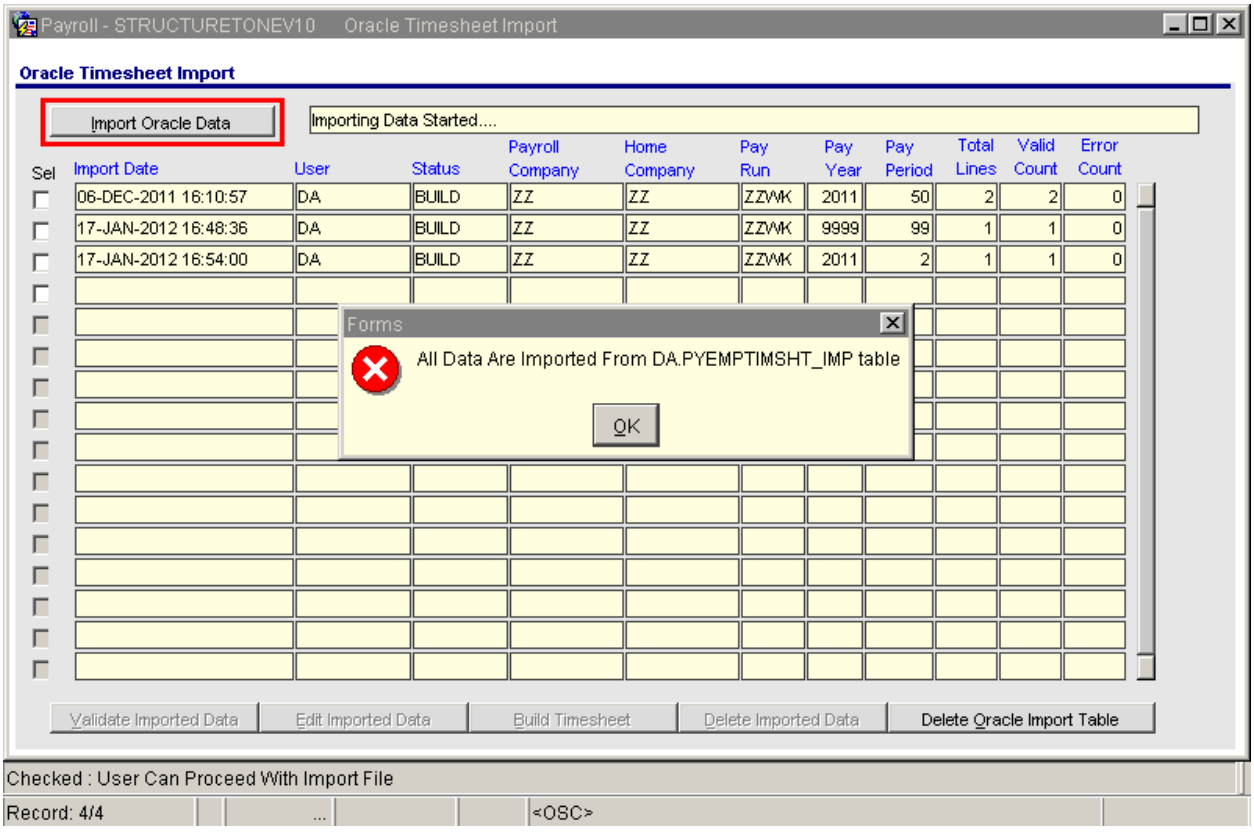
A new Timesheet Import program is created to read and insert timesheet data into Payroll Timesheet Table. The new import program is based on User Id which will allow clients to view/edit their timesheets at the same time.

Timesheet Import Utility



The new import program may be invoked from the menu at US Payroll /Utilities/Timesheet Import From Oracle (Multi User).

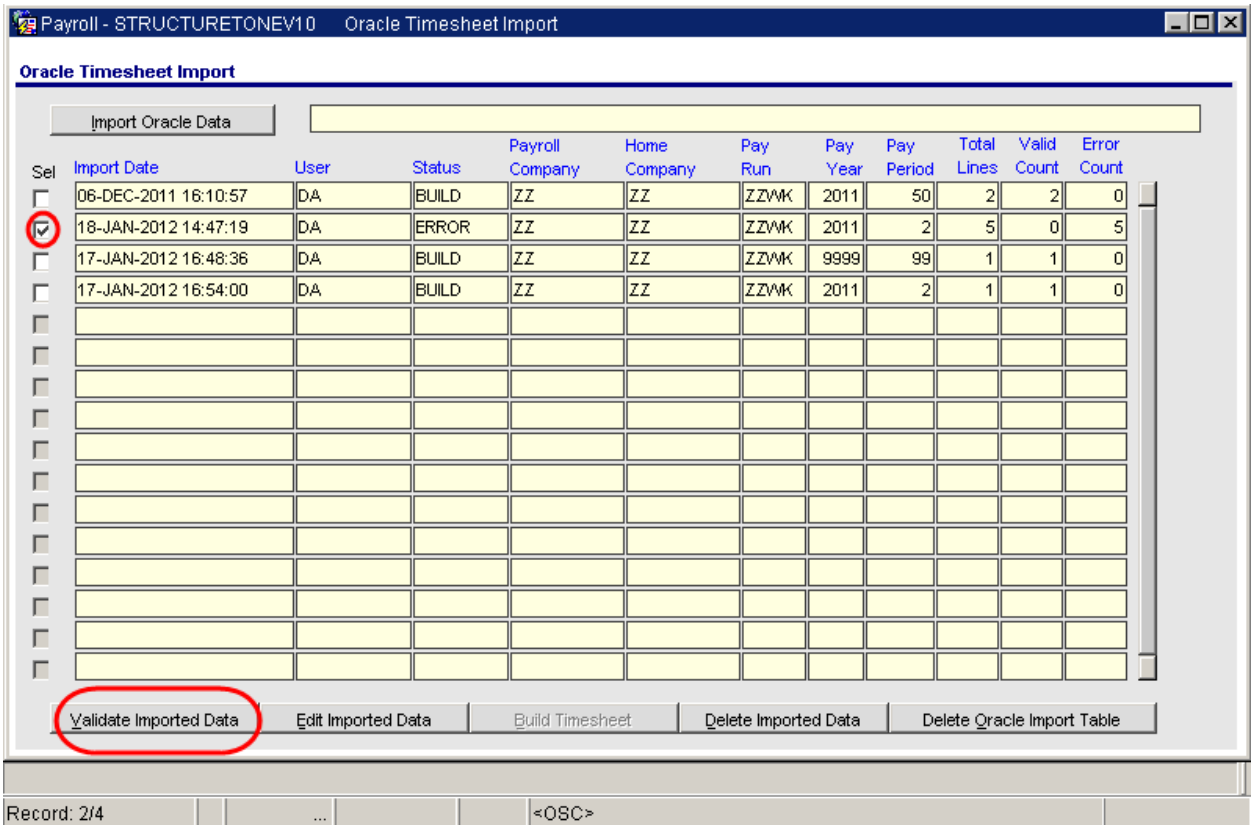

Payroll - STRUCTURETONEV10 Oracle Timesheet Import
Oracle Timesheet Import
Import Oracle Data
Sel
Import Date
User
Status
Payroll Company
Home Company
Pay Run
Pay Year
Pay Period
Total Lines
Valid Count
Error Count
06-DEC-2011 16:10:57 DA BUILD ZZ ZZ ZZWK 2011 50 2 2 0
17-JAN-2012 16:48:36 DA BUILD ZZ ZZ ZZWK 9999 99 1 1 0
17-JAN-2012 16:54:00 DA BUILD ZZ ZZ ZZWK 2011 2 1 1 0
Validate Imported Data
Edit Imported Data
Build Timesheet
Delete Imported Data
Delete Oracle Import Table
Checked : User Can Proceed With Import File
Record: 1/3
<OSC>


Payroll - STRUCTURETONEV10 Oracle Timesheet Import
Oracle Timesheet Import
Import Oracle Data
Importing Data Started....
Sel
Import Date
User
Status
Payroll Company
Home Company
Pay Run
Pay Year
Pay Period
Total Lines
Valid Count
Error Count
06-DEC-2011 16:10:57 DA BUILD ZZ ZZ ZZWK 2011 50 2 2 0
17-JAN-2012 16:48:36 DA BUILD ZZ ZZ ZZWK 9999 99 1 1 0
17-JAN-2012 16:54:00 DA BUILD ZZ ZZ ZZWK 2011 2 1 1 0
Forms
All Data Are Imported From DA.PYEMPTIMSHT_IMP table
OK
Validate Imported Data
Edit Imported Data
Build Timesheet
Delete Imported Data
Delete Oracle Import Table
Checked : User Can Proceed With Import File
Record: 4/4
<OSC>

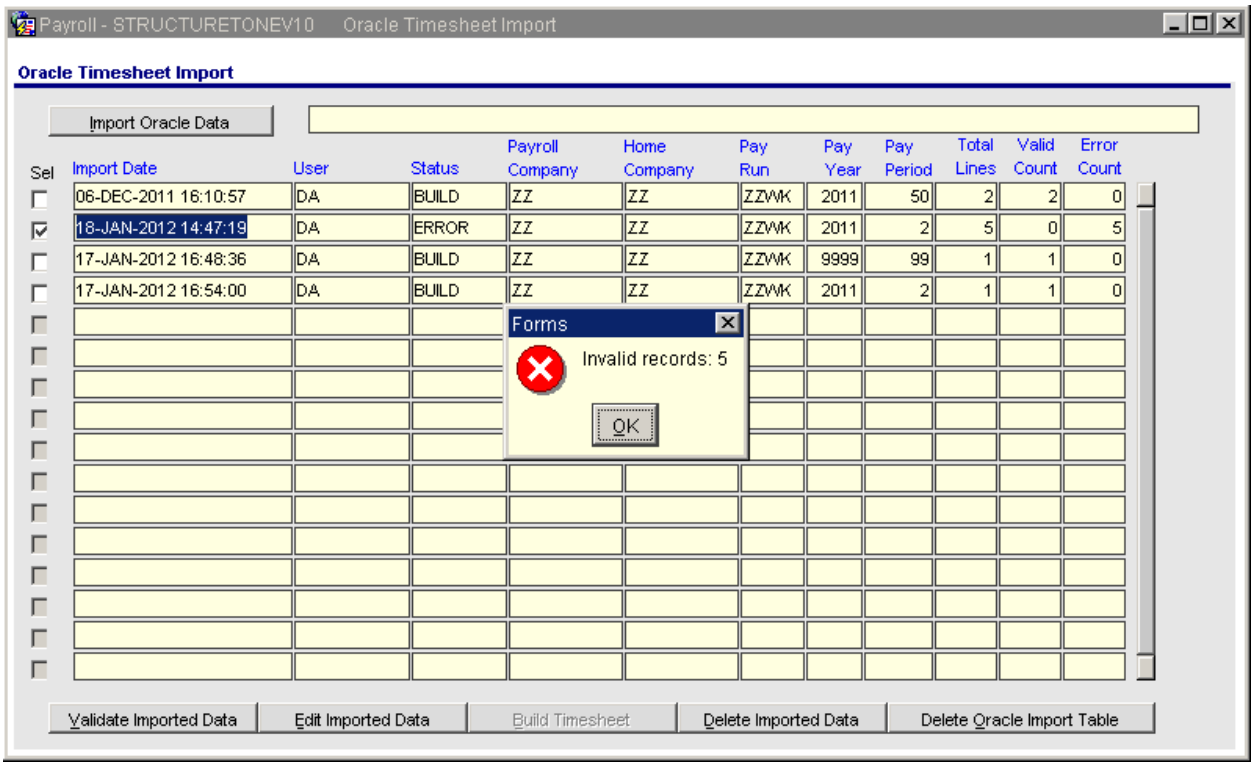
The above screen displays all import parameters used to import timesheets including Import Date, User, Status, Payroll Company, Home Company, Pay run, Pay Year, Pay period, Total Lines, Valid Count & Error Count. Pressing the **[Import Oracle Date]** imports all the records that do not have the import status 'Y' are imported.

Also, there are five buttons at the bottom of the screen to complete the import process, which is explained in the following sequence of screen prints.

[Validate Imported Data]



Users may select a line by checking a line that is imported and press the 'Validate…' button to validate the imported data and if any invalid records exist, then the errors on each record stored for users review.

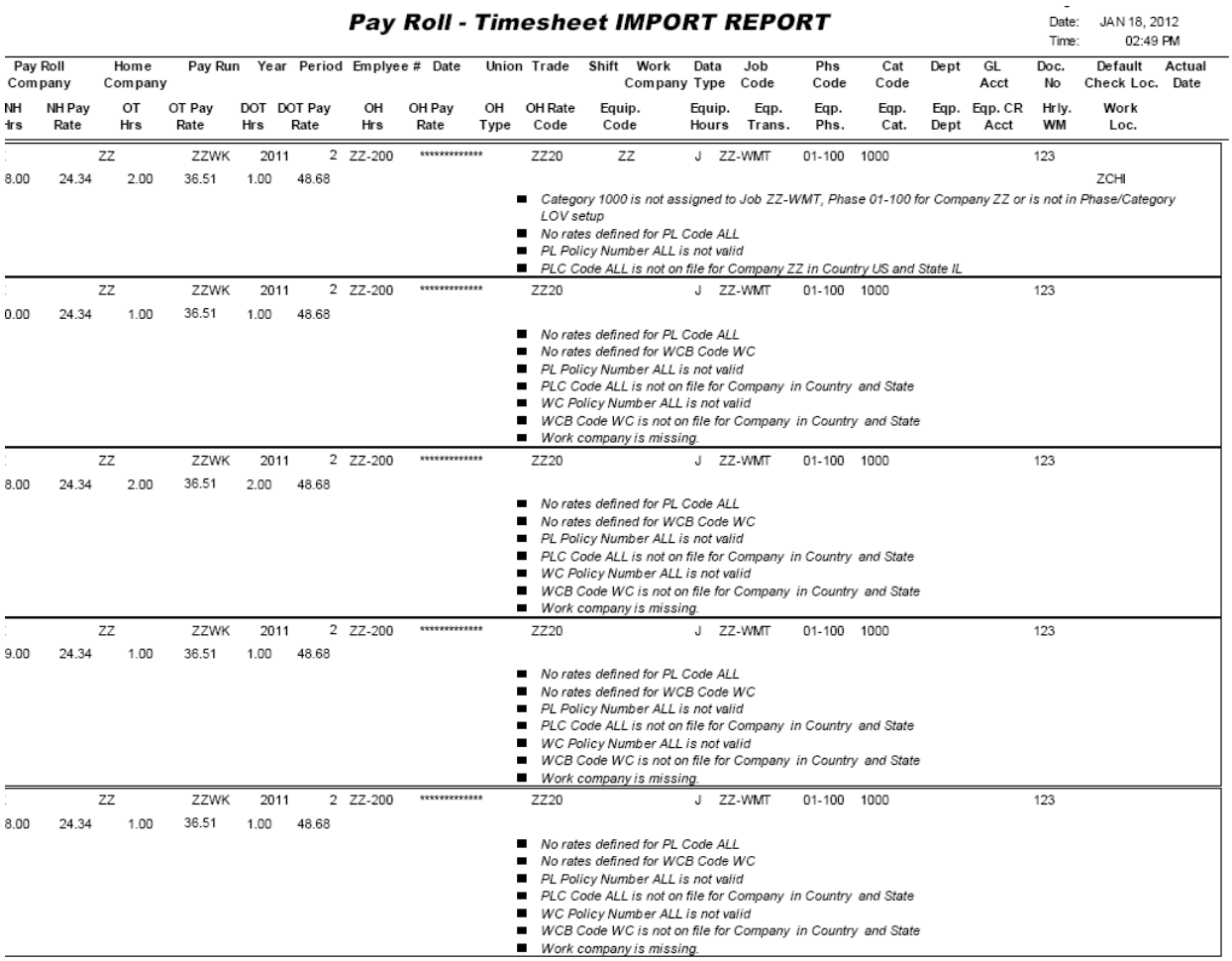

Payroll - STRUCTURETONEV10 Oracle Timesheet Import
Oracle Timesheet Import
Import Oracle Data
Sel
Import Date
User
Status
Payroll Company
Home Company
Pay Run
Pay Year
Pay Period
Total Lines
Valid Count
Error Count
06-DEC-2011 16:10:57 DA BUILD ZZ ZZ ZZWK 2011 50 2 2 0
18-JAN-2012 14:47:19 DA ERROR ZZ ZZ ZZWK 2011 2 5 0 5
17-JAN-2012 16:48:36 DA BUILD ZZ ZZ ZZWK 9999 99 1 1 0
17-JAN-2012 16:54:00 DA BUILD ZZ ZZ ZZWK 2011 2 1 1 0
Forms
Invalid records: 5
OK
Validate Imported Data
Edit Imported Data
Build Timesheet
Delete Imported Data
Delete Oracle Import Table

Pay Roll - Timesheet IMPORT REPORT

Date: JAN 18, 2012
Time: 02:49 PM

Pay Roll Company	Home Company	Pay Run	Year	Period	Employee #	Date	Union	Trade	Shift	Work Company	Data Type	Job Code	Phs Code	Cat Code	Dept	GL Acct	Doc. No	Default Check Loc.	Actual Date
NH Hrs	NH Pay Rate	OT Hrs	OT Pay Rate	DOT Hrs	DOT Pay Rate	OH Hrs	OH Pay Rate	OH Type	OH Rate Code	Equip. Code		Equip. Hours	Eqp. Trans.	Eqp. Phs.	Eqp. Cat.	Eqp. Dept	Eqp. CR Acct	Hrly. WM	Work Loc.
	ZZ	ZZWK	2011	2	ZZ-200	**********		ZZ20		ZZ	J	ZZ-WMT	01-100	1000				123	
8.00	24.34	2.00	36.51	1.00	48.68														ZCHI
								■ Category 1000 is not assigned to Job ZZ-WMT, Phase 01-100 for Company ZZ or is not in Phase/Category LOV setup ■ No rates defined for PL Code ALL ■ PL Policy Number ALL is not valid ■ PLC Code ALL is not on file for Company ZZ in Country US and State IL										
	ZZ	ZZWK	2011	2	ZZ-200	**********		ZZ20			J	ZZ-WMT	01-100	1000				123	
0.00	24.34	1.00	36.51	1.00	48.68														
								■ No rates defined for PL Code ALL ■ No rates defined for WCB Code WC ■ PL Policy Number ALL is not valid ■ PLC Code ALL is not on file for Company in Country and State ■ WC Policy Number ALL is not valid ■ WCB Code WC is not on file for Company in Country and State ■ Work company is missing.										
	ZZ	ZZWK	2011	2	ZZ-200	**********		ZZ20			J	ZZ-WMT	01-100	1000				123	
8.00	24.34	2.00	36.51	2.00	48.68														
								■ No rates defined for PL Code ALL ■ No rates defined for WCB Code WC ■ PL Policy Number ALL is not valid ■ PLC Code ALL is not on file for Company in Country and State ■ WC Policy Number ALL is not valid ■ WCB Code WC is not on file for Company in Country and State ■ Work company is missing.										
	ZZ	ZZWK	2011	2	ZZ-200	**********		ZZ20			J	ZZ-WMT	01-100	1000				123	
9.00	24.34	1.00	36.51	1.00	48.68														
								■ No rates defined for PL Code ALL ■ No rates defined for WCB Code WC ■ PL Policy Number ALL is not valid ■ PLC Code ALL is not on file for Company in Country and State ■ WC Policy Number ALL is not valid ■ WCB Code WC is not on file for Company in Country and State ■ Work company is missing.										
	ZZ	ZZWK	2011	2	ZZ-200	**********		ZZ20			J	ZZ-WMT	01-100	1000				123	
8.00	24.34	1.00	36.51	1.00	48.68														
								■ No rates defined for PL Code ALL ■ No rates defined for WCB Code WC ■ PL Policy Number ALL is not valid ■ PLC Code ALL is not on file for Company in Country and State ■ WC Policy Number ALL is not valid ■ WCB Code WC is not on file for Company in Country and State ■ Work company is missing.										

Also an exception report is printed for users to review the errors on each line that is being imported.



Pay Roll - Timesheet IMPORT REPORT

Date: JAN 18, 2012
Time: 02:49 PM

Pay Roll Company	Home Company	Pay Run	Year	Period	Emplyee #	Date	Union	Trade	Shift	Work Company	Data Type	Job Code	Phs Code	Cat Code	Dept	GL Acct	Doc. No	Default Check Loc.	Actual Date
NH Hrs	NH Pay Rate	OT Hrs	OT Pay Rate	DOT Hrs	DOT Pay Rate	OH Hrs	OH Pay Rate	OH Type	OH Rate Code	Equip. Code		Equip. Hours	Eqp. Trans.	Eqp. Phs.	Eqp. Cat.	Eqp. Dept	Eqp. CR Acct	Hrly. WM	Work Loc.
	ZZ	ZZWK	2011	2	ZZ-200	**********		ZZ20		ZZ	J	ZZ-WMT	01-100	1000				123	
8.00	24.34	2.00	36.51	1.00	48.68														ZCHI

- *Category 1000 is not assigned to Job ZZ-WMT, Phase 01-100 for Company ZZ or is not in Phase/Category LOV setup*
- *No rates defined for PL Code ALL*
- *PL Policy Number ALL is not valid*
- *PLC Code ALL is not on file for Company ZZ in Country US and State IL*

	ZZ	ZZWK	2011	2	ZZ-200	**********		ZZ20			J	ZZ-WMT	01-100	1000				123	
0.00	24.34	1.00	36.51	1.00	48.68														

- *No rates defined for PL Code ALL*
- *No rates defined for WCB Code WC*
- *PL Policy Number ALL is not valid*
- *PLC Code ALL is not on file for Company in Country and State*
- *WC Policy Number ALL is not valid*
- *WCB Code WC is not on file for Company in Country and State*
- *Work company is missing.*

	ZZ	ZZWK	2011	2	ZZ-200	**********		ZZ20			J	ZZ-WMT	01-100	1000				123	
8.00	24.34	2.00	36.51	2.00	48.68														

- *No rates defined for PL Code ALL*
- *No rates defined for WCB Code WC*
- *PL Policy Number ALL is not valid*
- *PLC Code ALL is not on file for Company in Country and State*
- *WC Policy Number ALL is not valid*
- *WCB Code WC is not on file for Company in Country and State*
- *Work company is missing.*

	ZZ	ZZWK	2011	2	ZZ-200	**********		ZZ20			J	ZZ-WMT	01-100	1000				123	
9.00	24.34	1.00	36.51	1.00	48.68														

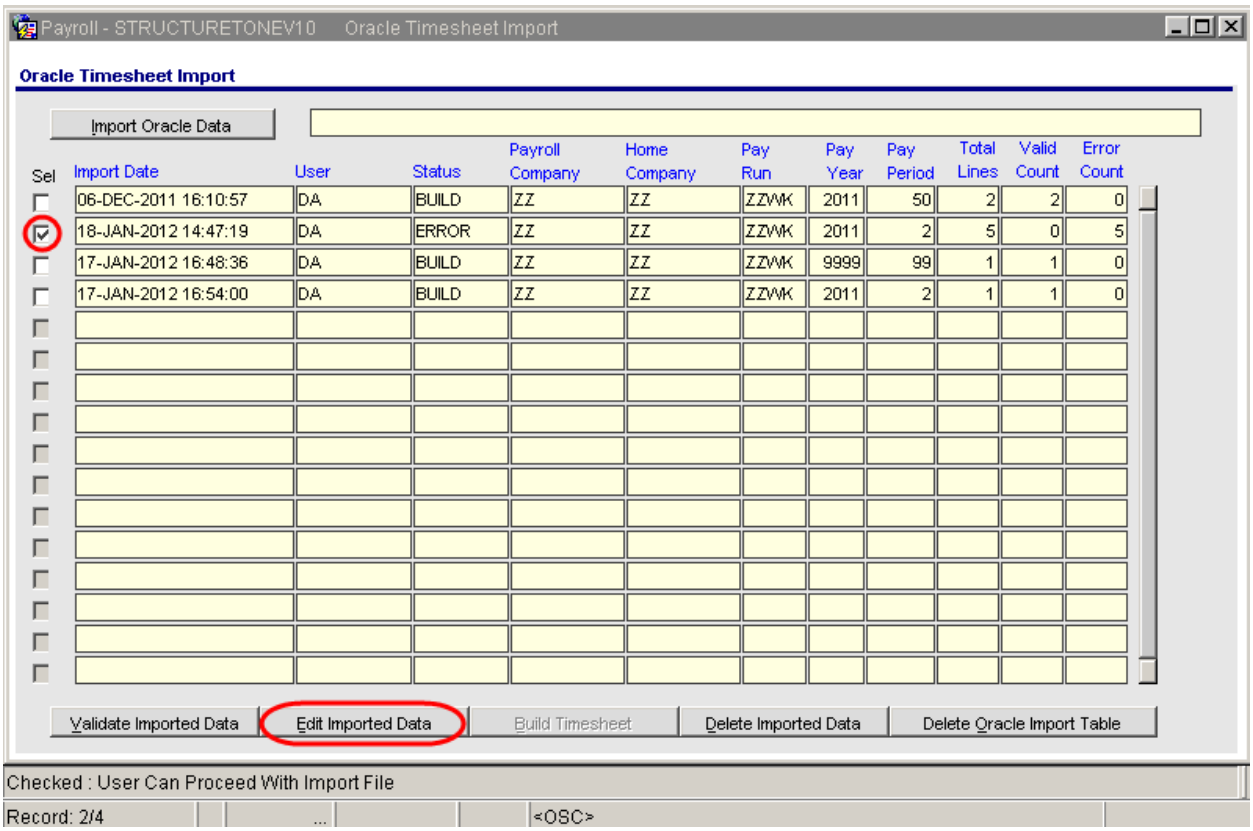
- *No rates defined for PL Code ALL*
- *No rates defined for WCB Code WC*
- *PL Policy Number ALL is not valid*
- *PLC Code ALL is not on file for Company in Country and State*
- *WC Policy Number ALL is not valid*
- *WCB Code WC is not on file for Company in Country and State*
- *Work company is missing.*

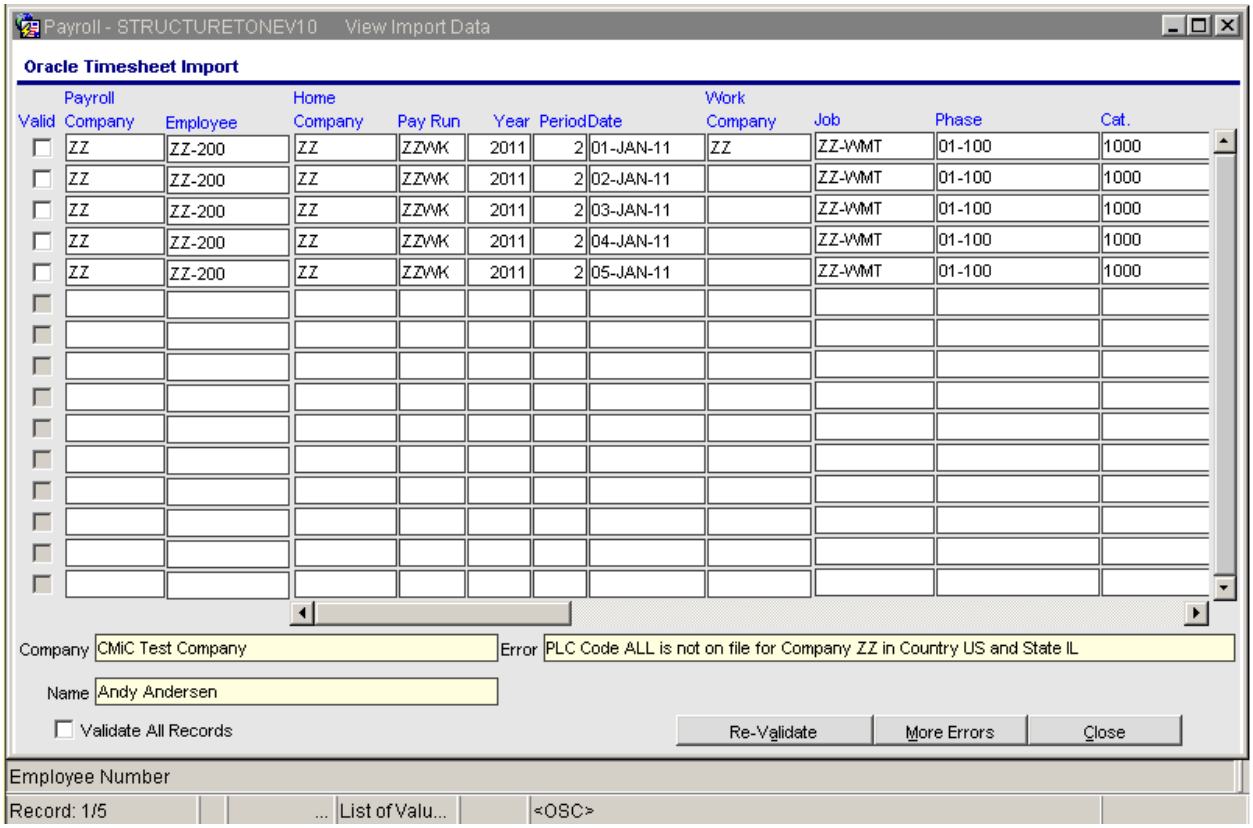
	ZZ	ZZWK	2011	2	ZZ-200	**********		ZZ20			J	ZZ-WMT	01-100	1000				123	
8.00	24.34	1.00	36.51	1.00	48.68														

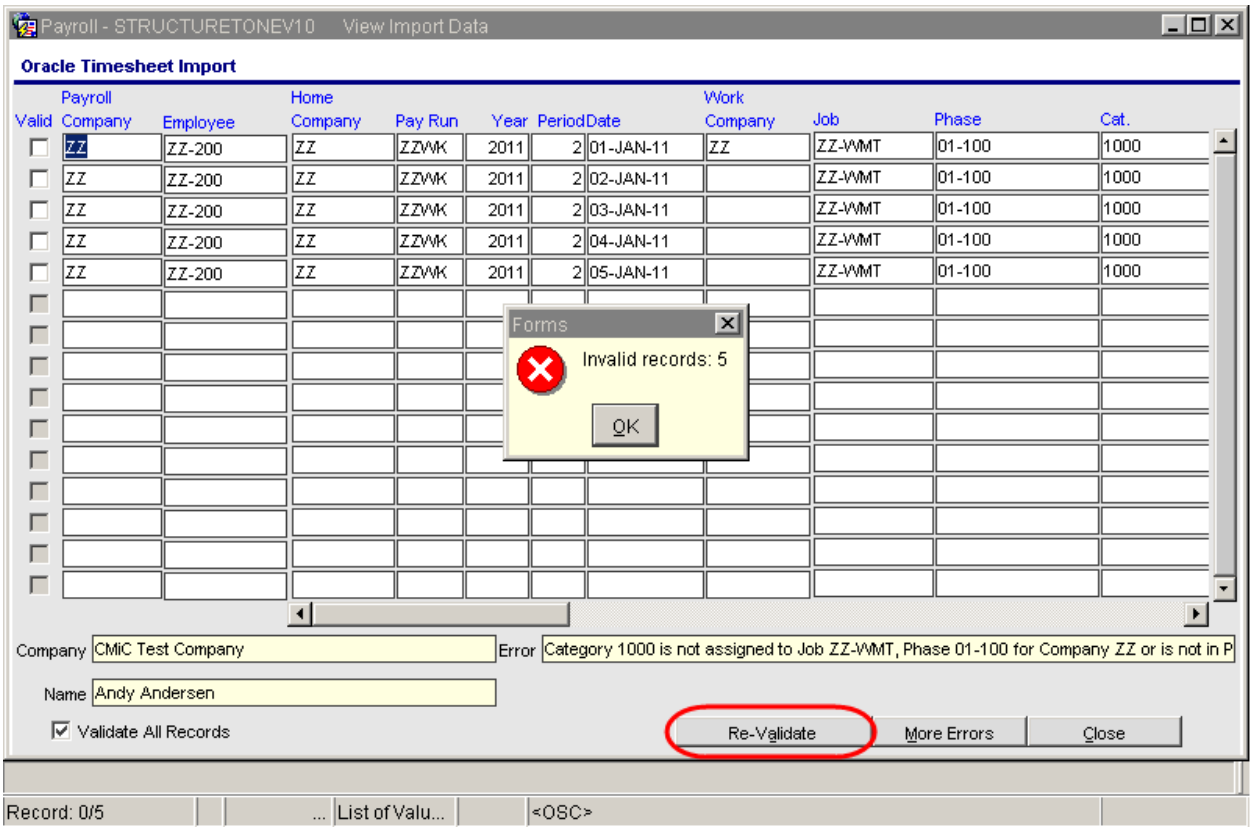
- *No rates defined for PL Code ALL*
- *No rates defined for WCB Code WC*
- *PL Policy Number ALL is not valid*
- *PLC Code ALL is not on file for Company in Country and State*
- *WC Policy Number ALL is not valid*
- *WCB Code WC is not on file for Company in Country and State*
- *Work company is missing.*

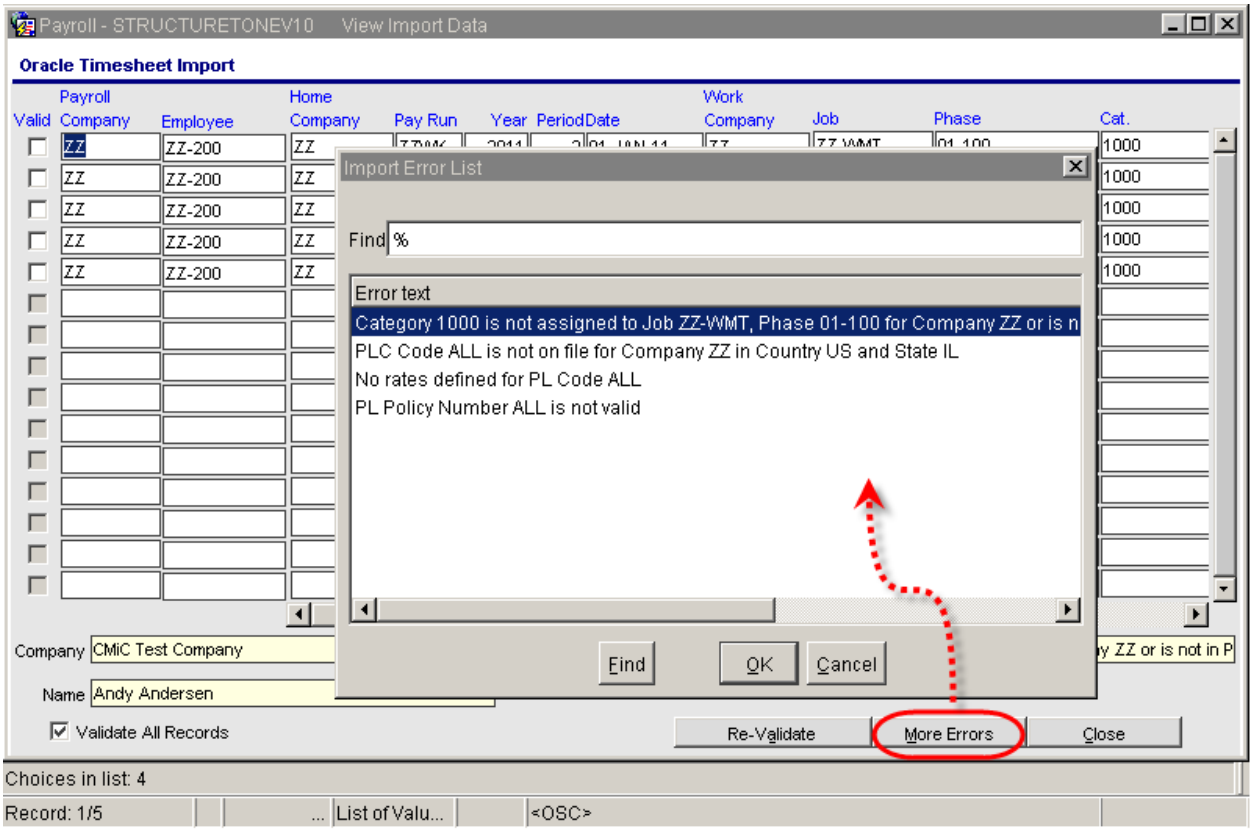
[Edit Imported Data]

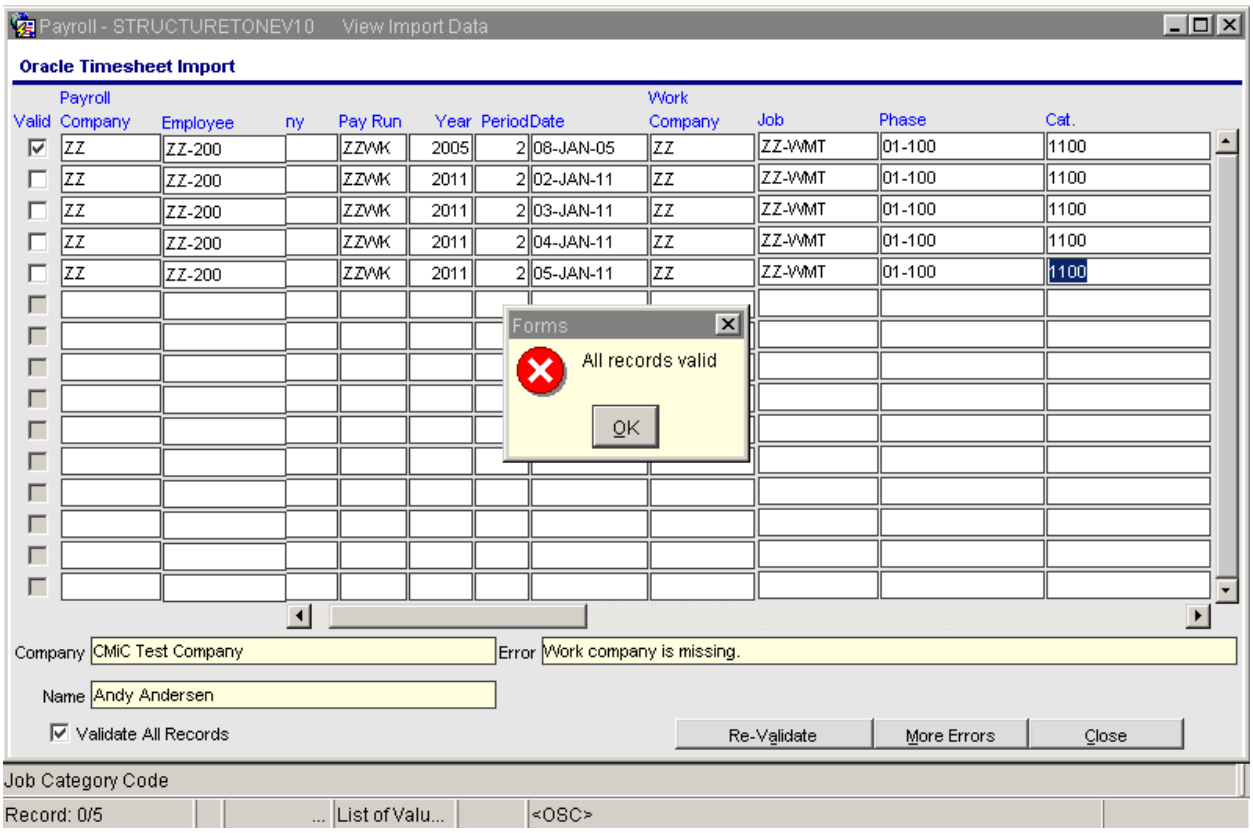
This is active when a record is selected and when pressed, opens up a timesheet import screen that allows users to edit the field values. And re-validate as required.

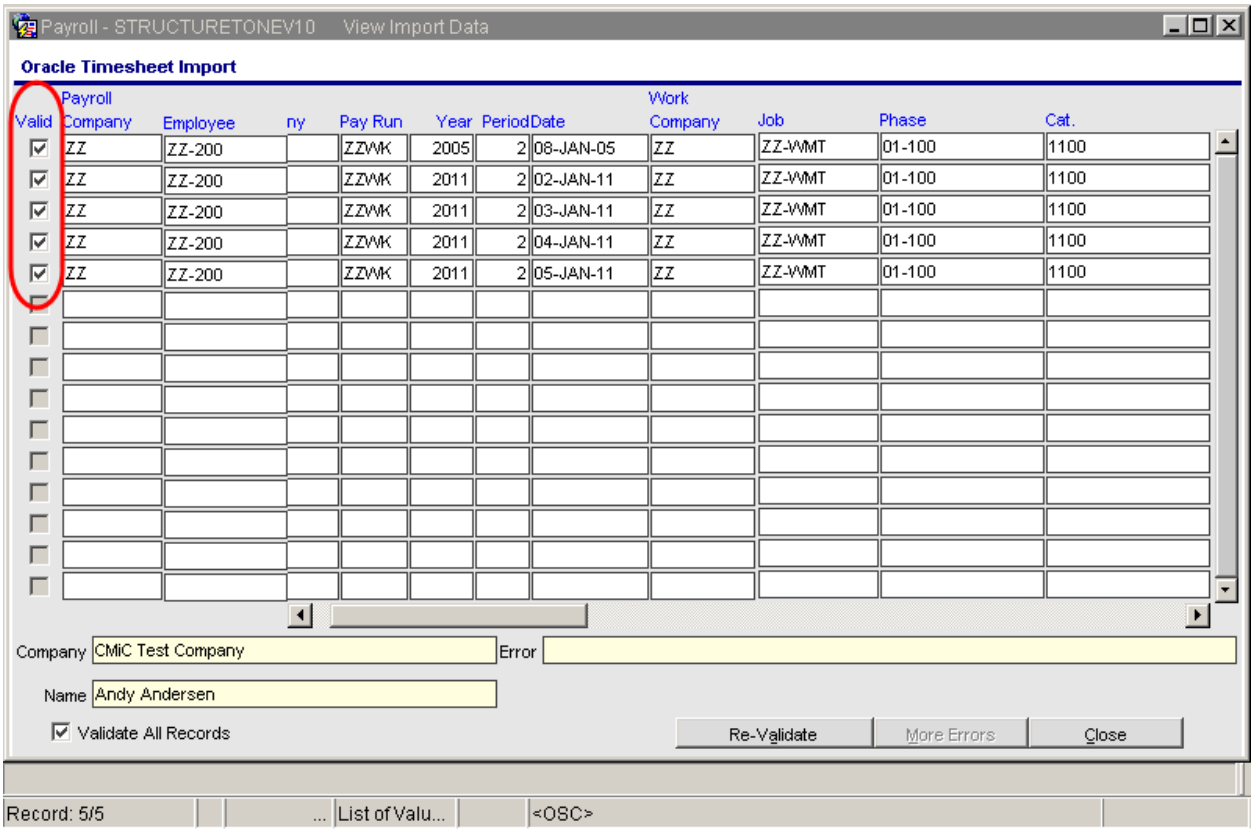

Payroll - STRUCTURETONEV10 Oracle Timesheet Import
Oracle Timesheet Import
Import Oracle Data
Sel
Import Date
User
Status
Payroll Company
Home Company
Pay Run
Pay Year
Pay Period
Total Lines
Valid Count
Error Count
06-DEC-2011 16:10:57 DA BUILD ZZ ZZ ZZWK 2011 50 2 2 0
18-JAN-2012 14:47:19 DA ERROR ZZ ZZ ZZWK 2011 2 5 0 5
17-JAN-2012 16:48:36 DA BUILD ZZ ZZ ZZWK 9999 99 1 1 0
17-JAN-2012 16:54:00 DA BUILD ZZ ZZ ZZWK 2011 2 1 1 0
Validate Imported Data
Edit Imported Data
Build Timesheet
Delete Imported Data
Delete Oracle Import Table
Checked : User Can Proceed With Import File
Record: 2/4
<OSC>


Payroll - STRUCTURETONEV10 View Import Data
Oracle Timesheet Import
Valid
Payroll Company
Employee
Home Company
Pay Run
Year
Period
Date
Work Company
Job
Phase
Cat.
ZZ ZZ-200 ZZ ZZWK 2011 2 01-JAN-11 ZZ ZZ-WMT 01-100 1000
ZZ ZZ-200 ZZ ZZWK 2011 2 02-JAN-11 ZZ-WMT 01-100 1000
ZZ ZZ-200 ZZ ZZWK 2011 2 03-JAN-11 ZZ-WMT 01-100 1000
ZZ ZZ-200 ZZ ZZWK 2011 2 04-JAN-11 ZZ-WMT 01-100 1000
ZZ ZZ-200 ZZ ZZWK 2011 2 05-JAN-11 ZZ-WMT 01-100 1000
Company CMiC Test Company
Error PLC Code ALL is not on file for Company ZZ in Country US and State IL
Name Andy Andersen
Validate All Records
Re-Validate
More Errors
Close
Employee Number
Record: 1/5
List of Valu...
<OSC>


Payroll - STRUCTURETONEV10 View Import Data
Oracle Timesheet Import
Valid
Payroll Company
Employee
Home Company
Pay Run
Year
Period
Date
Work Company
Job
Phase
Cat.
ZZ-200
ZZ
ZZWK
2011
01-JAN-11
02-JAN-11
03-JAN-11
04-JAN-11
05-JAN-11
ZZ-WMT
01-100
1000
Forms
Invalid records: 5
OK
Company CMiC Test Company
Error Category 1000 is not assigned to Job ZZ-WMT, Phase 01-100 for Company ZZ or is not in P
Name Andy Andersen
Validate All Records
Re-Validate
More Errors
Close
Record: 0/5
List of Valu...
<OSC>

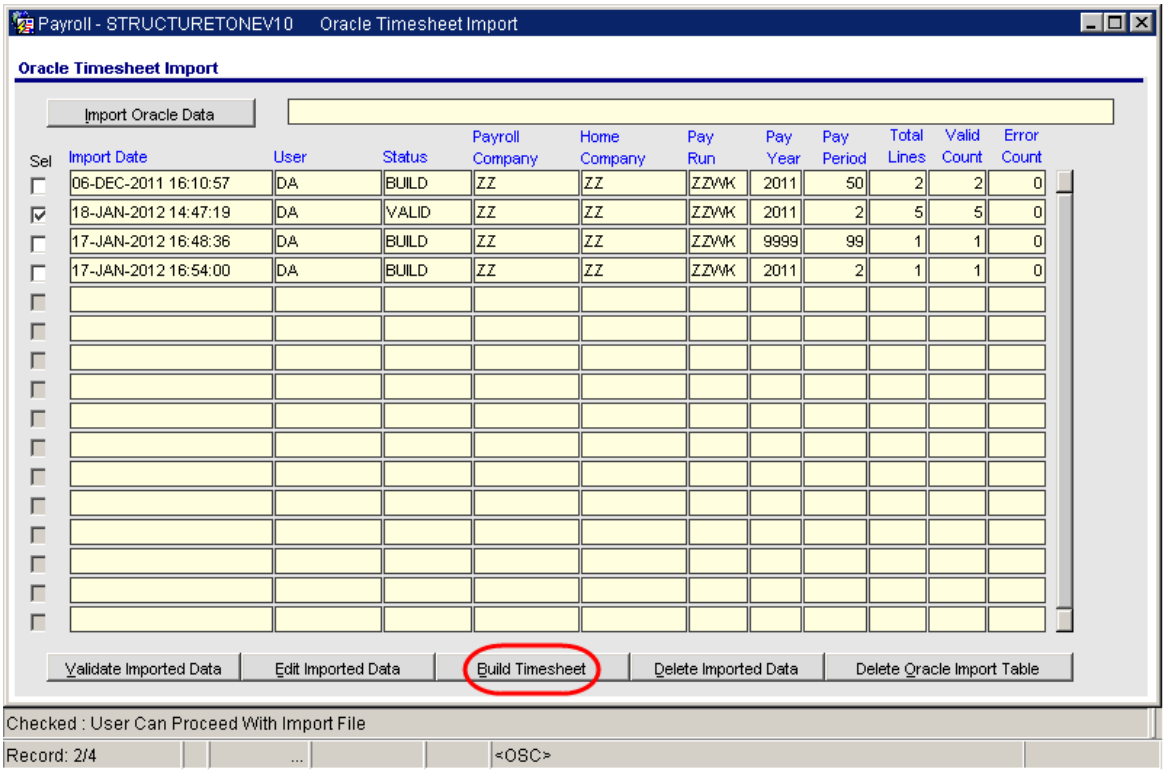

Payroll - STRUCTURETONEV10 View Import Data
Oracle Timesheet Import
Import Error List
Find %
Error text
Category 1000 is not assigned to Job ZZ-WMT, Phase 01-100 for Company ZZ or is n
PLC Code ALL is not on file for Company ZZ in Country US and State IL
No rates defined for PL Code ALL
PL Policy Number ALL is not valid
Find
OK
Cancel
Company CMiC Test Company
Name Andy Andersen
Validate All Records
Re-Validate
More Errors
Close
Choices in list: 4
Record: 1/5
List of Valu...
<OSC>

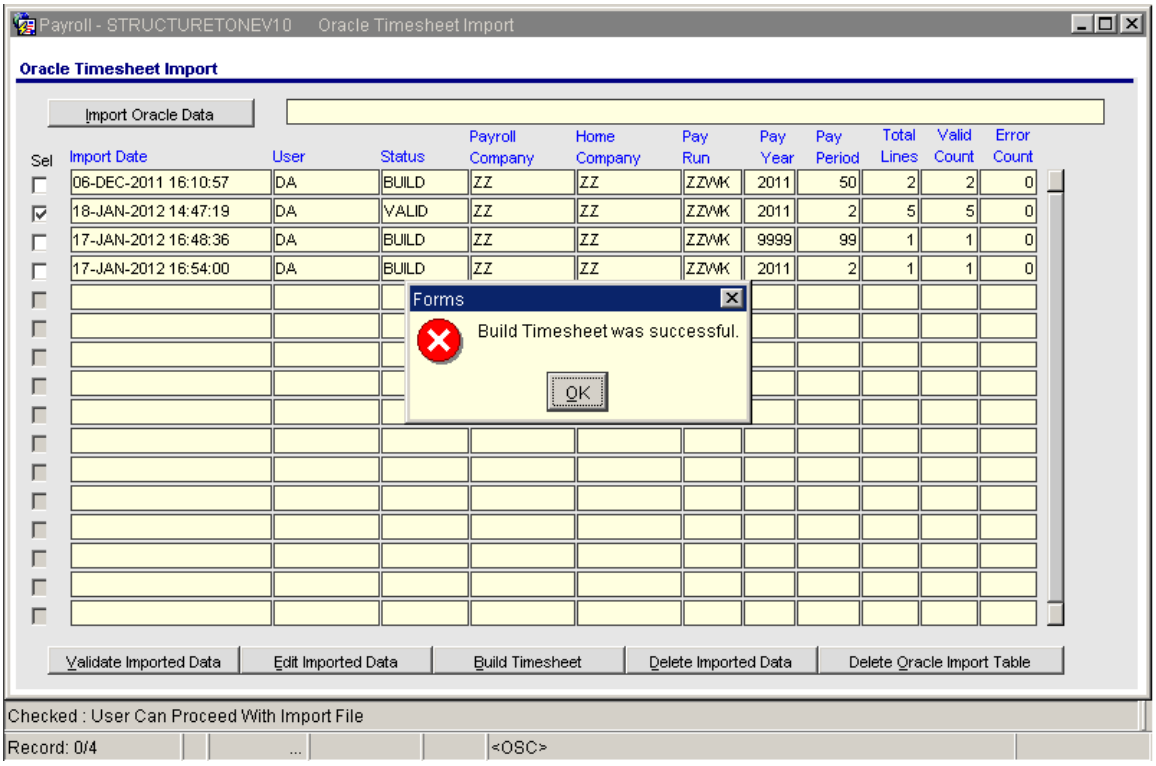

Payroll - STRUCTURETONEV10 View Import Data
Oracle Timesheet Import
Valid
Payroll Company
Employee
ny
Pay Run
Year
Period
Date
Work Company
Job
Phase
Cat.
ZZ ZZ-200 ZZWK 2005 2 08-JAN-05 ZZ ZZ-WMT 01-100 1100
ZZ ZZ-200 ZZWK 2011 2 02-JAN-11 ZZ ZZ-WMT 01-100 1100
ZZ ZZ-200 ZZWK 2011 2 03-JAN-11 ZZ ZZ-WMT 01-100 1100
ZZ ZZ-200 ZZWK 2011 2 04-JAN-11 ZZ ZZ-WMT 01-100 1100
ZZ ZZ-200 ZZWK 2011 2 05-JAN-11 ZZ ZZ-WMT 01-100 1100
Forms
All records valid
OK
Company CMiC Test Company
Error Work company is missing.
Name Andy Andersen
Validate All Records
Re-Validate
More Errors
Close
Job Category Code
Record: 0/5
List of Valu...
<OSC>

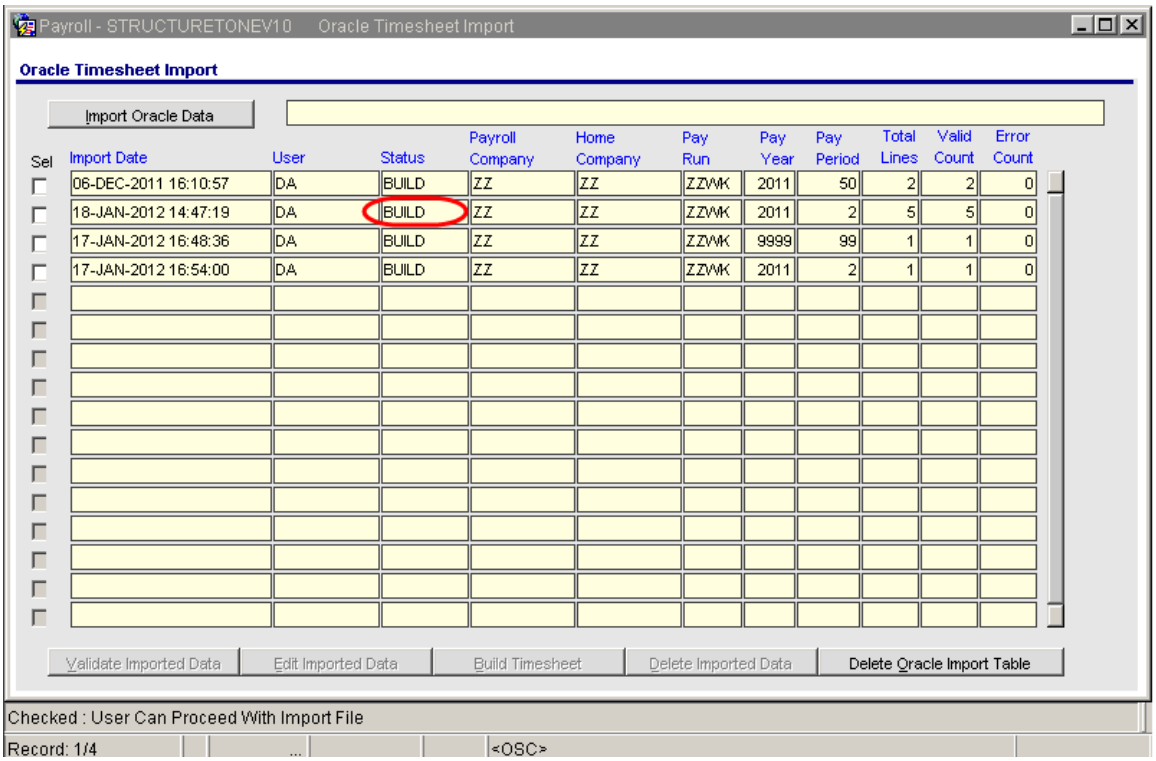

Payroll - STRUCTURETONEV10 View Import Data
Oracle Timesheet Import
Valid
Payroll Company
Employee
ny
Pay Run
Year
Period
Date
Work Company
Job
Phase
Cat.
ZZ ZZ-200 ZZWK 2005 2 08-JAN-05 ZZ ZZ-WMT 01-100 1100
ZZ ZZ-200 ZZWK 2011 2 02-JAN-11 ZZ ZZ-WMT 01-100 1100
ZZ ZZ-200 ZZWK 2011 2 03-JAN-11 ZZ ZZ-WMT 01-100 1100
ZZ ZZ-200 ZZWK 2011 2 04-JAN-11 ZZ ZZ-WMT 01-100 1100
ZZ ZZ-200 ZZWK 2011 2 05-JAN-11 ZZ ZZ-WMT 01-100 1100
Company CMiC Test Company
Error
Name Andy Andersen
Validate All Records
Re-Validate
More Errors
Close
Record: 5/5
List of Valu...
<OSC>

[Build Timesheet]

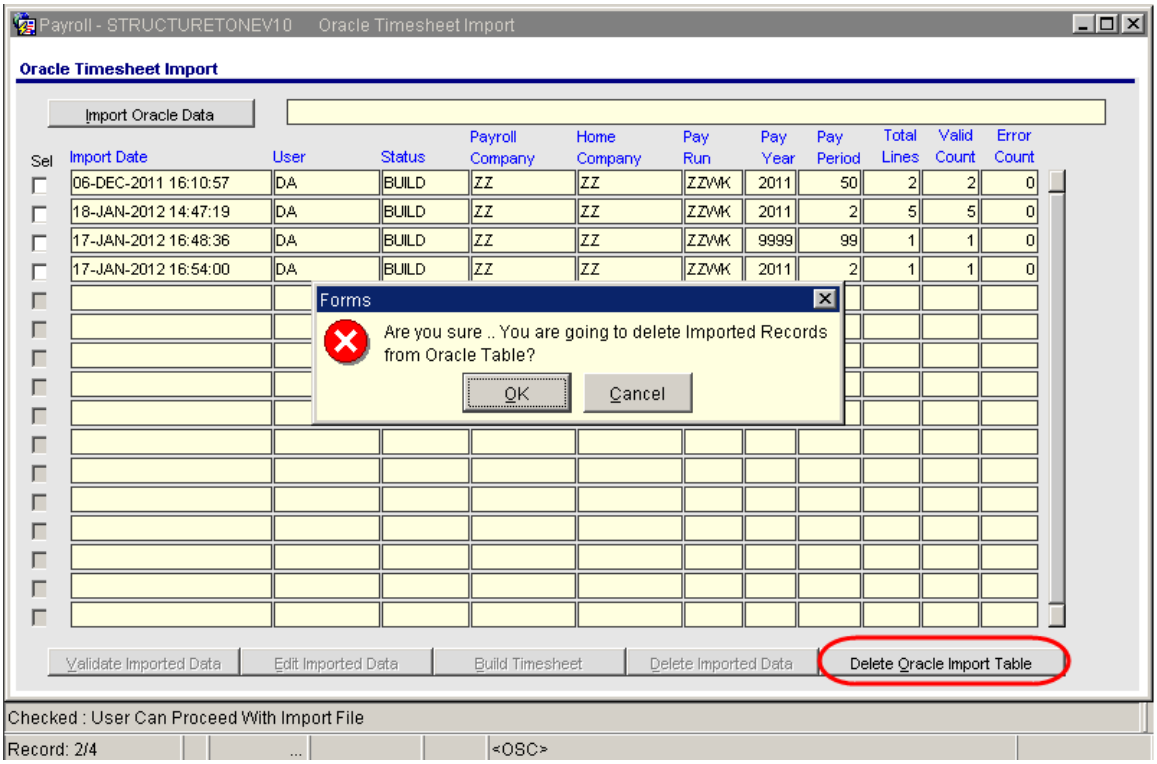
Pressing ‘Build Time Sheet’ button, populates the validated timesheet data into CMiC Timesheet tables.



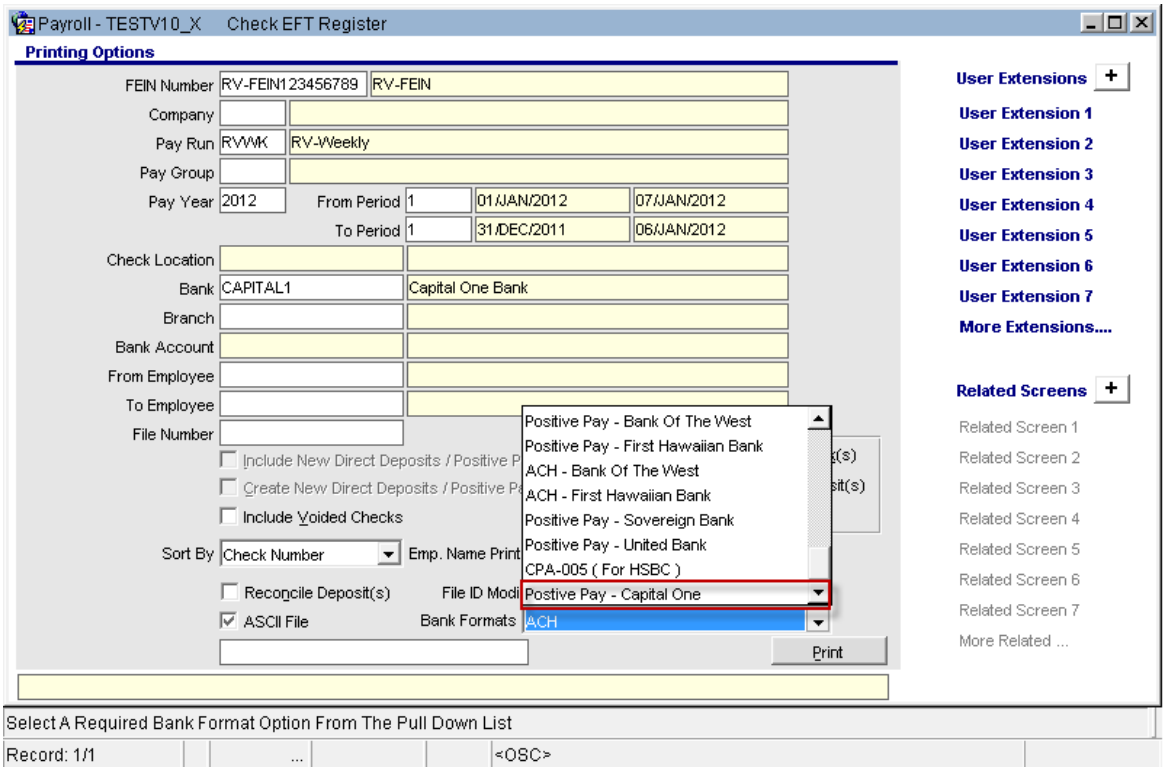




[Delete Oracle Import Table]



Positive Pay File Format for Capital One Bank (13.79358)



The Payroll Check Register Form is modified to include new bank format for Capital One.

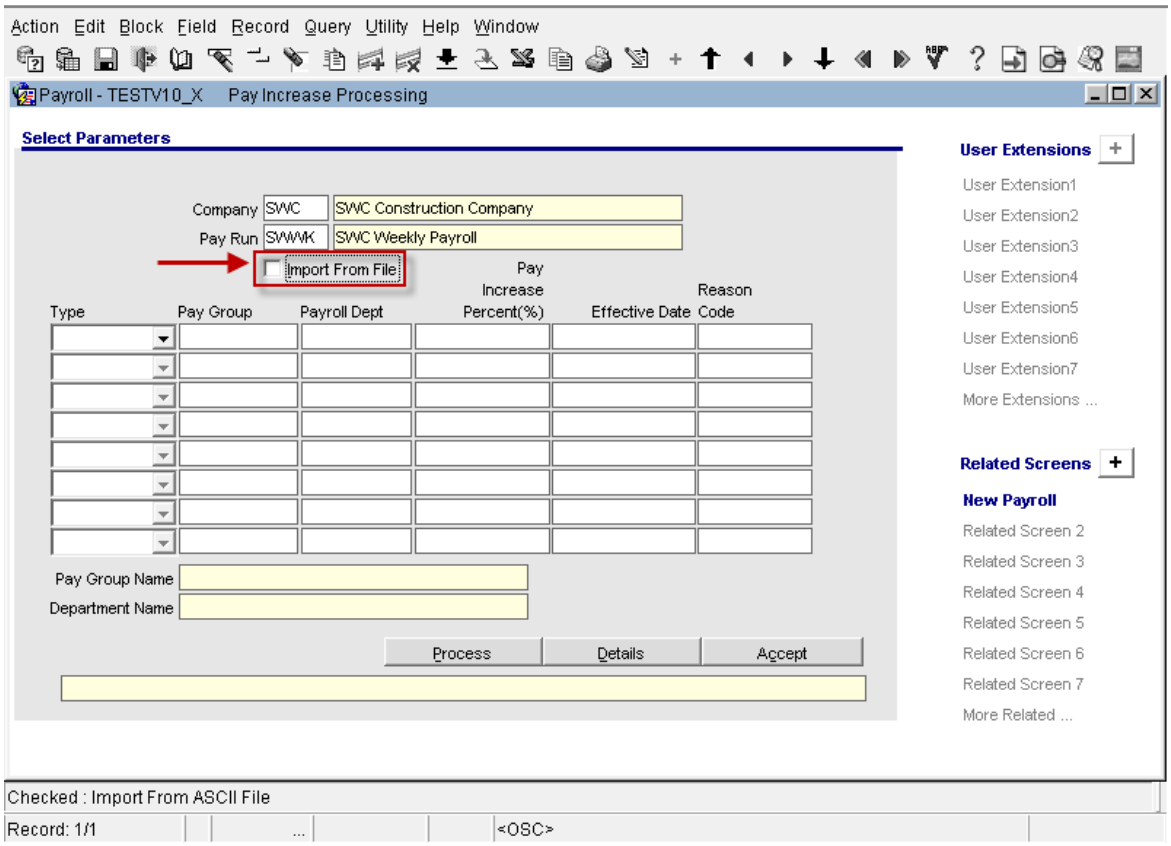
Bulk Import of Employee Pay Rate (13.78459)

CMIC modified a Group Pay Increase utility to allow user to import Pay Rate increments in one transaction for hourly employees from Excel .csv file.

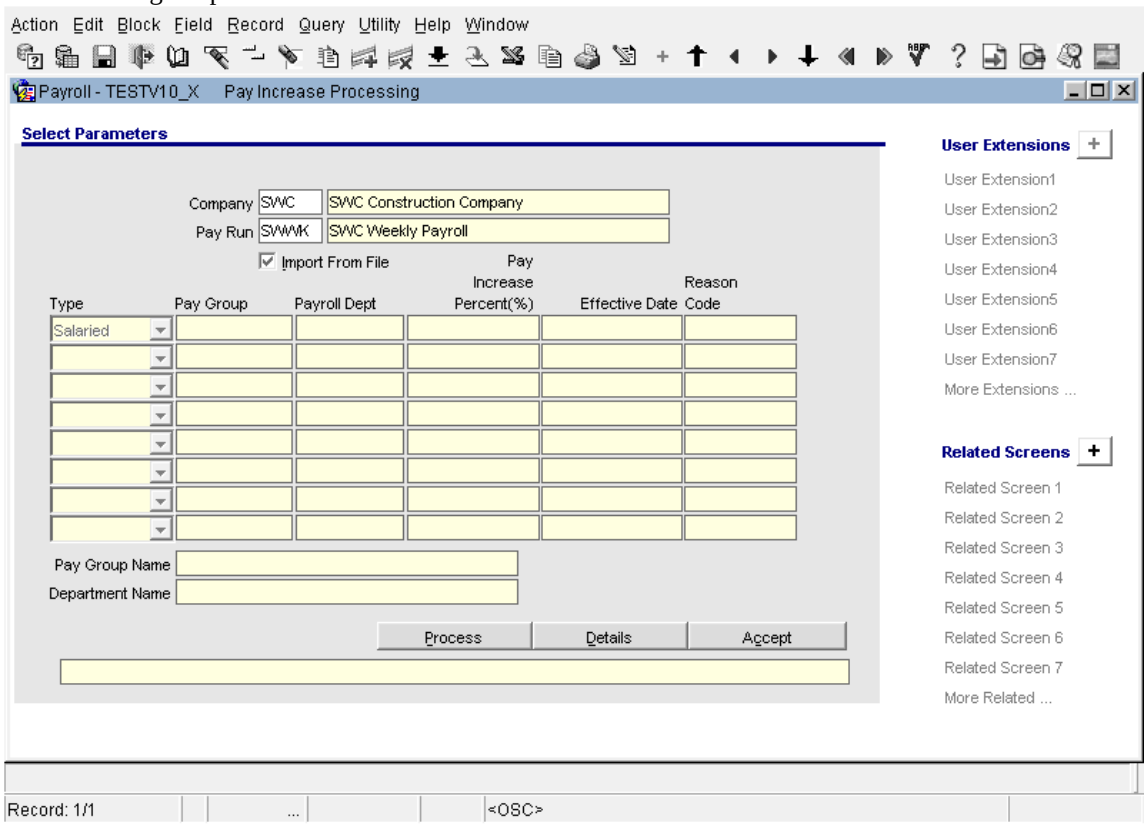
CMIC will create an employee's record in payroll history table and based on the effective date provided it will be either updated on employee profile right away or if its future effective date than the record will be updated on profile through the standard nightly process.

Modifications:

- Go to Utility -> Group Pay Increase
- Enter Company Code and Pay Run

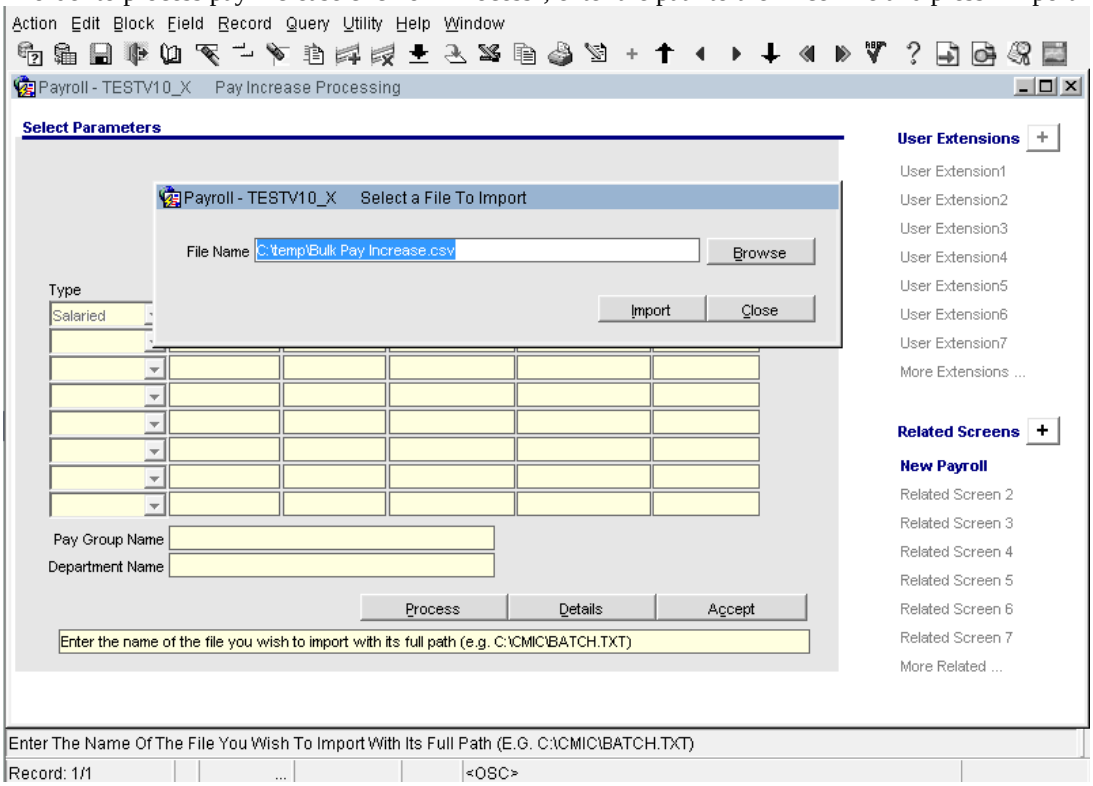


- Check the flag "Import From File".

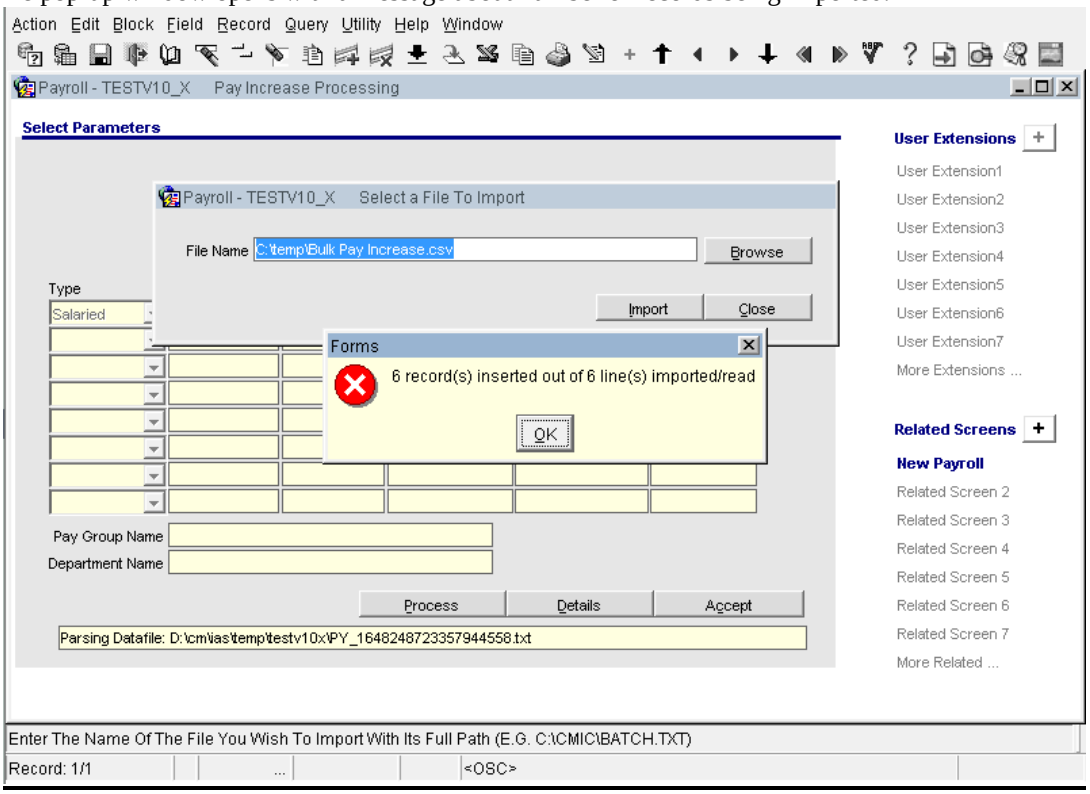


When "Import from File" option is chosen the "Salary Percent Increase" option is disabled.

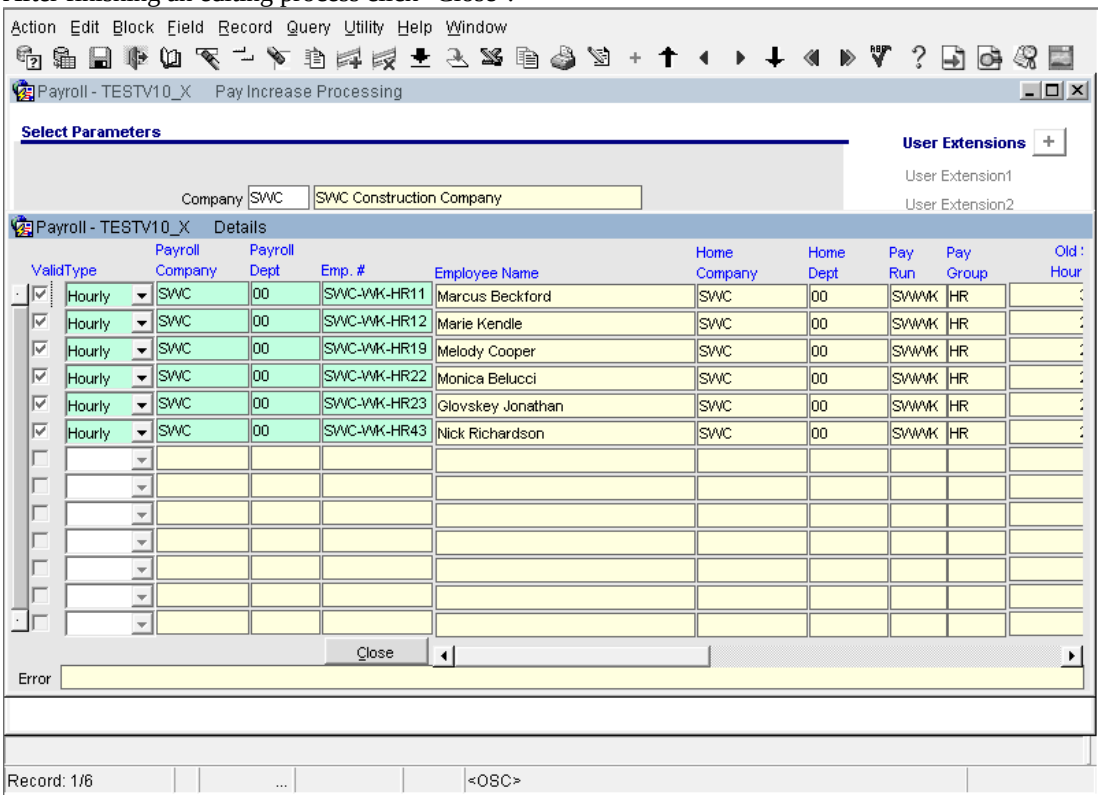
- In order to process pay increase click on "Process", enter the path to the Excel file and press "Import"



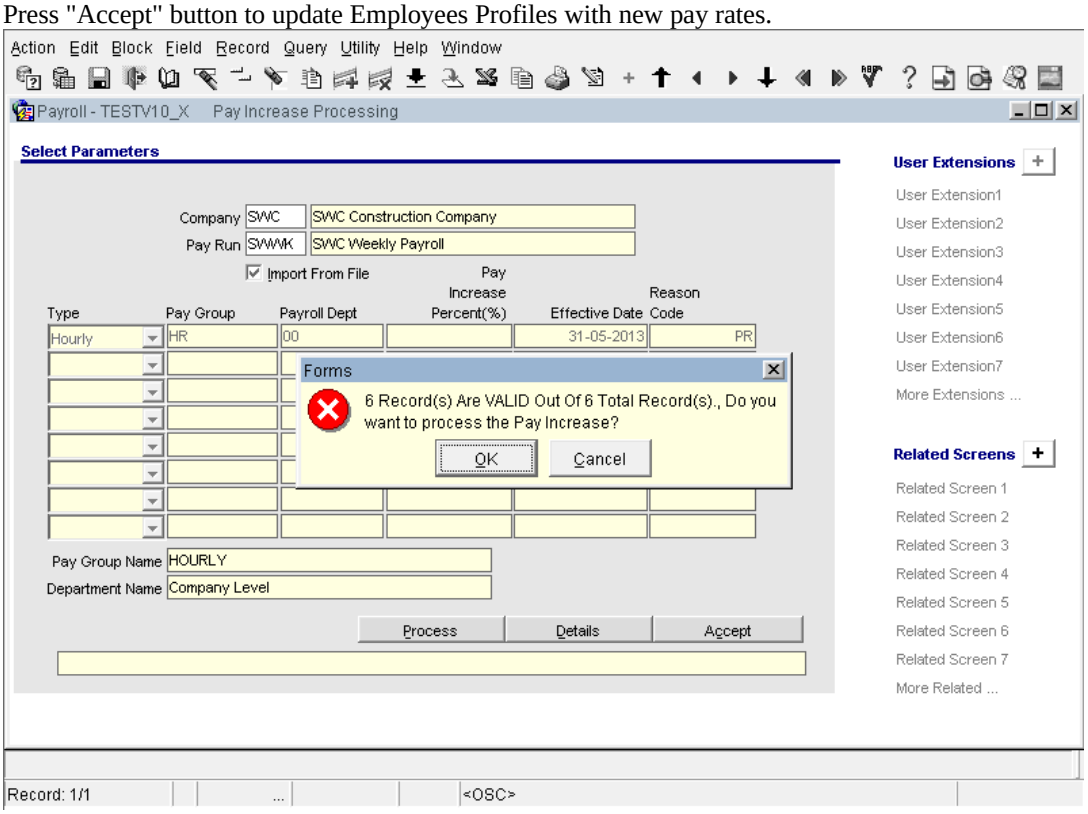
- The pop-up window opens with a message about number of records being imported.

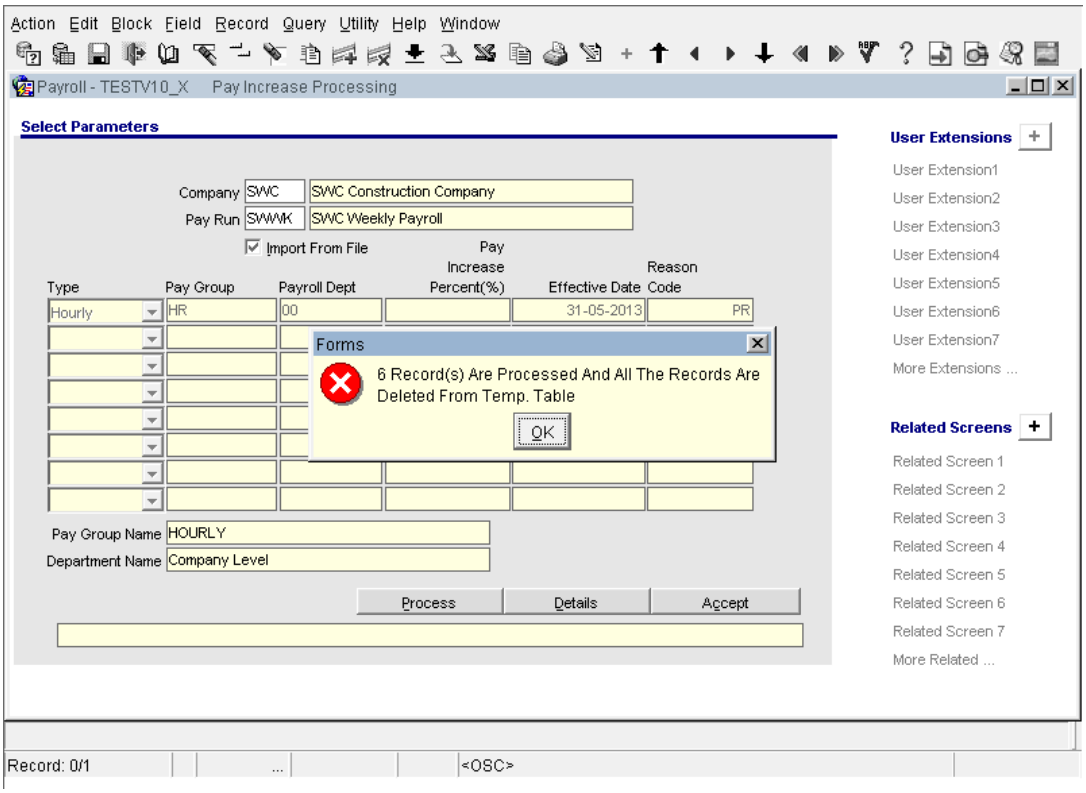


- Click on "Details" button to modify/delete the pay increase before ACCEPT.
  This table displays old and new salary/rate and allows user to delete or edit the record for any of the employees.
  After finishing an editing process click "Close".

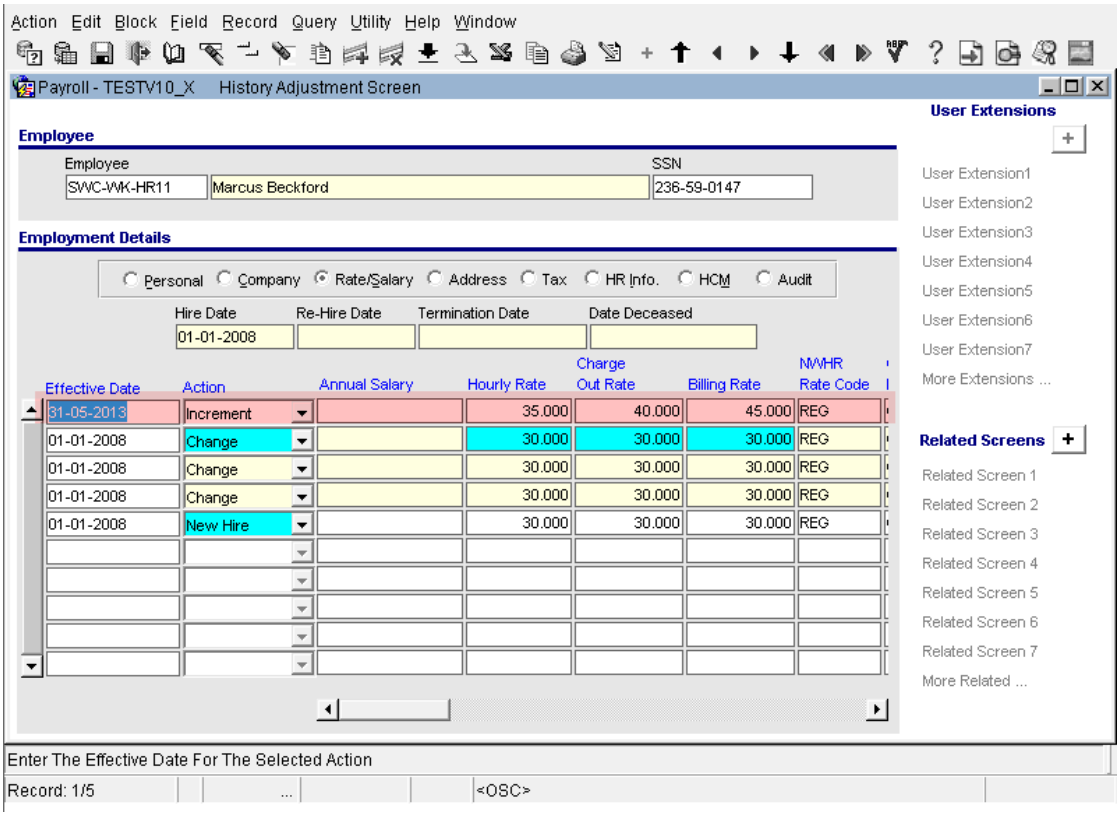


- Press "Accept" button to update Employees Profiles with new pay rates.

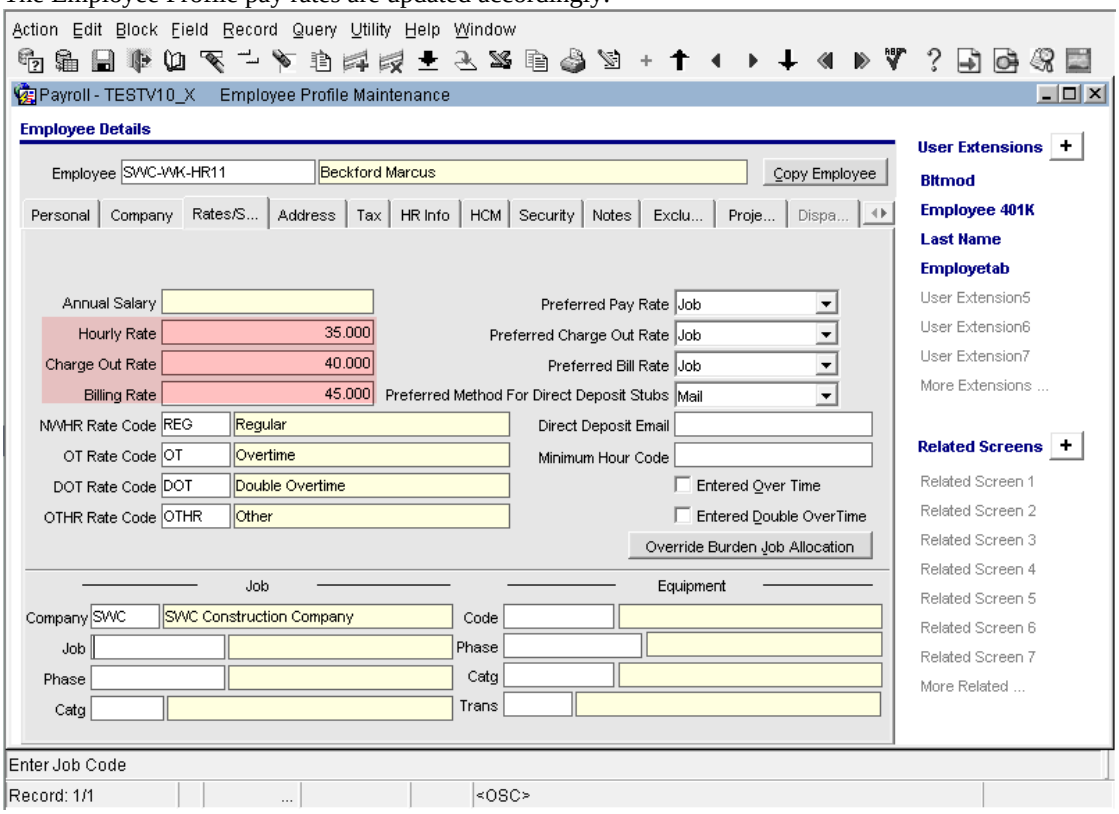




- To verify Pay Rates changes go to Utilities -> Employment History Adjustment and enter the employee name for which the pay rate was changed.



The Employee Profile pay rates are updated accordingly.



NOTE: When the effective date is in the future , user will not be able to see the updated rates in the Employee profile till the effective date is in effect.

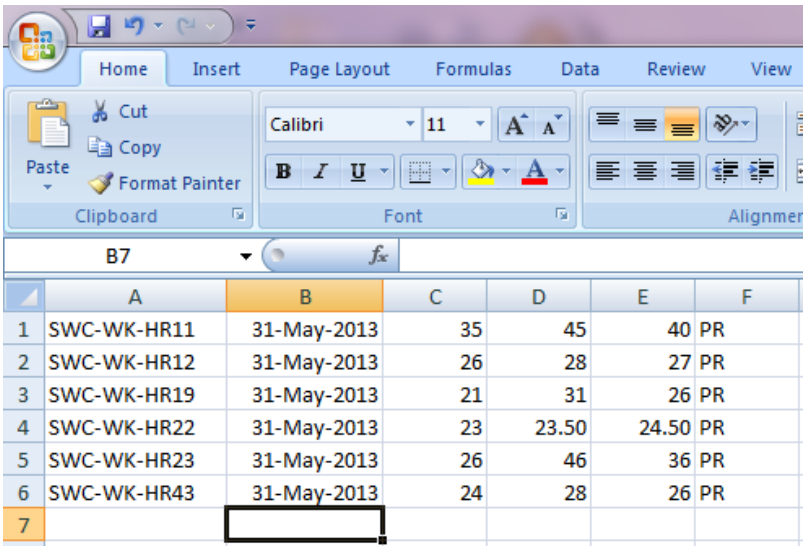
Import File Layout

The following 3 columns must be contained in each record being imported.

1.Employee Code	Varchar2(16)	**Mandatory**
2.Effective Date	Date 'DD-MON-YYYY'	**Mandatory**
3.New Annual Salary/Hourly Pay Rate	Number(16,8)	**Mandatory**
4.New Charge-Out Rate	Number (16,8)	(Hourly Employee)
5.New Billing Rate	Number (16,8)	(Hourly Employee)
6.Reason Code	Varchar2(8)	

Sample File:

SWC-WK-HR11,31-MAY-2013,35,45,40,PR
SWC-WK-HR12,31-MAY-2013,26,28,27,PR
SWC-WK-HR19,31-MAY-2013,21,31,26,PR
SWC-WK-HR22,31-MAY-2013,23,23.50,24.50,PR
SWC-WK-HR23,31-MAY-2013,26,46,36,PR
SWC-WK-HR43,31-MAY-2013,24,28,26,PR



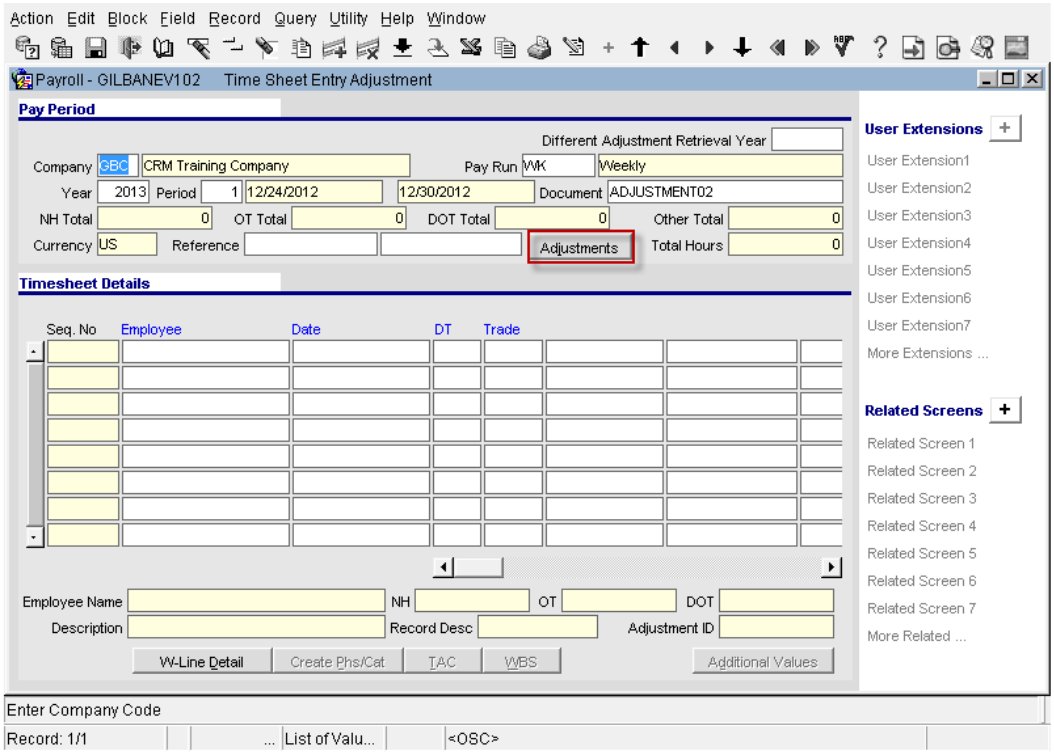
	A	B	C	D	E	F
1	SWC-WK-HR11	31-May-2013	35	45	40	PR
2	SWC-WK-HR12	31-May-2013	26	28	27	PR
3	SWC-WK-HR19	31-May-2013	21	31	26	PR
4	SWC-WK-HR22	31-May-2013	23	23.50	24.50	PR
5	SWC-WK-HR23	31-May-2013	26	46	36	PR
6	SWC-WK-HR43	31-May-2013	24	28	26	PR
7						

Modifications to Timesheet Adjustment screen (12.71975)

CMIC modified the Timesheet Adjustment screen to allow user to adjust previously adjusted timesheets. In addition, CMIC added a new functionality to allow user to move hours within the same job/phase/category.

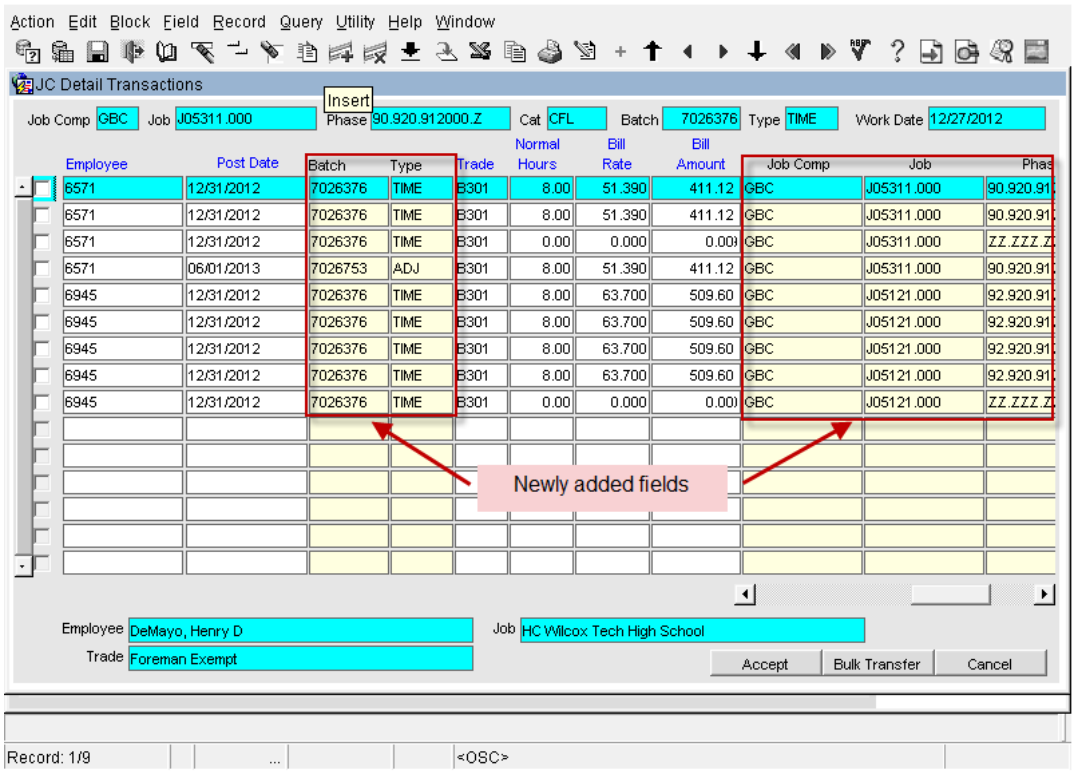
Example:

- Go to a "Timesheet Adjustment Entry" screen, fill out mandatory fields and click on "Adjustments" button.

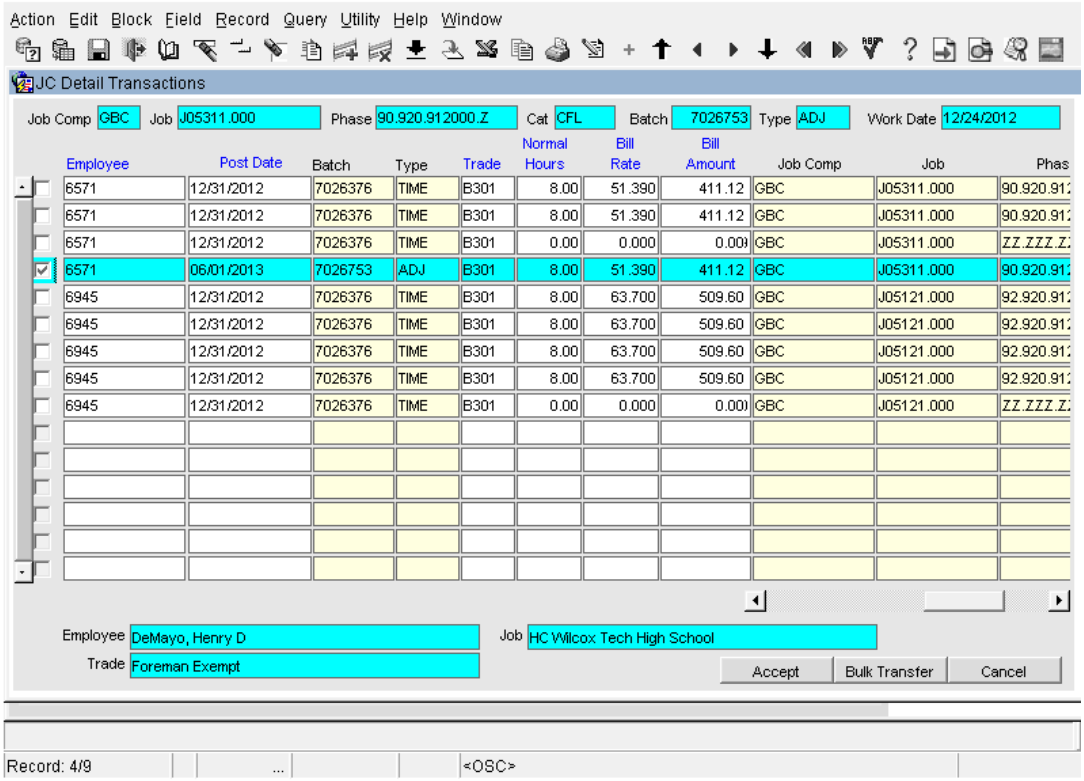


- This screen allows user to display already adjusted timesheets along with regular timesheets.

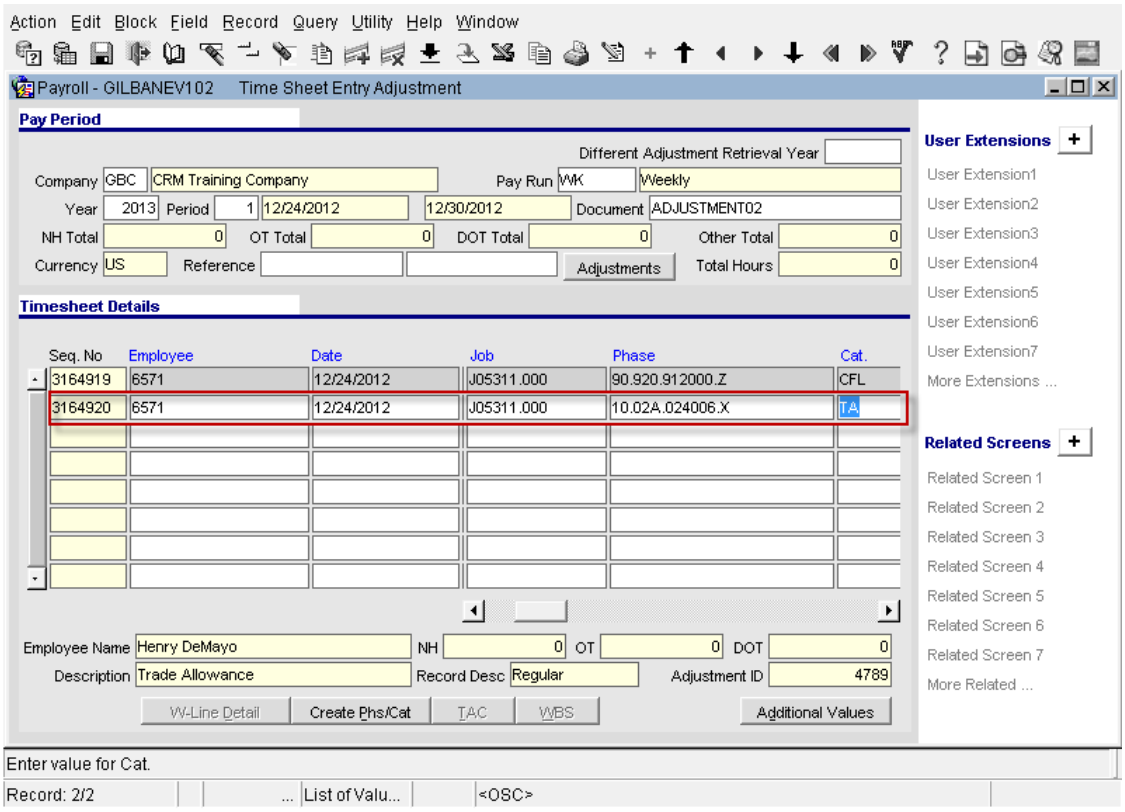
New fields were added to this screen: Batch #, Type, Job Company, Job, Phase, Category.



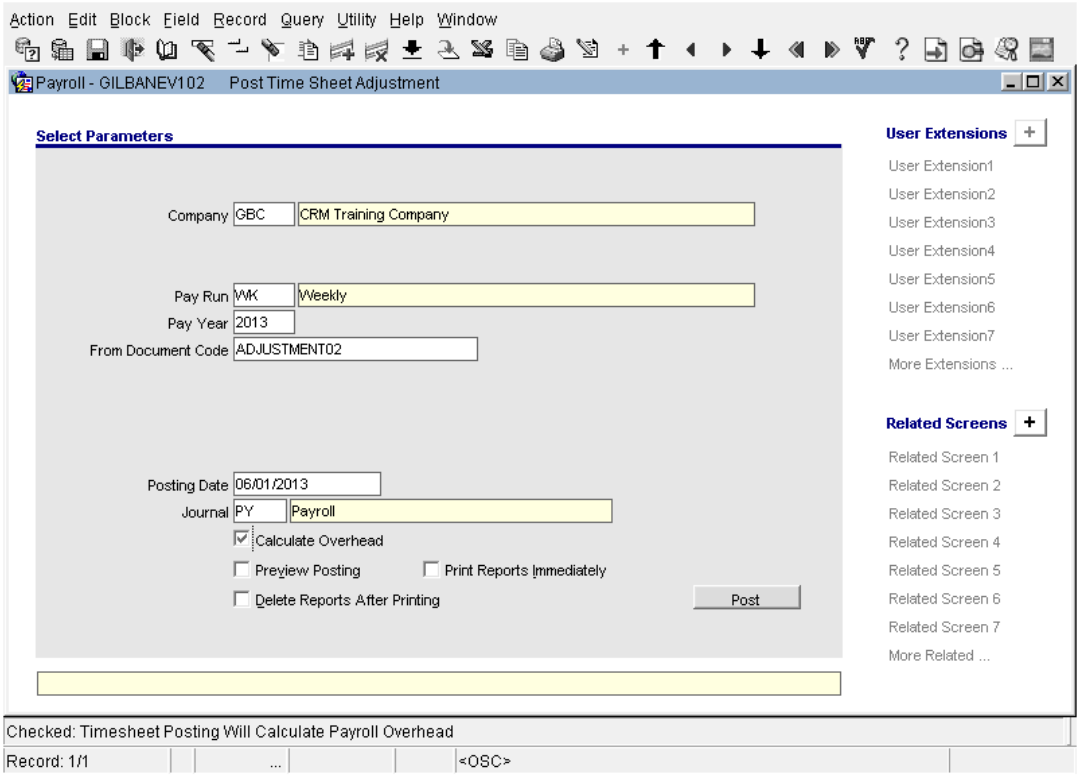
- Select the adjusted timesheet and click "Accept"



- The adjusted hours have been moved within the same Job to another Phase and Category.



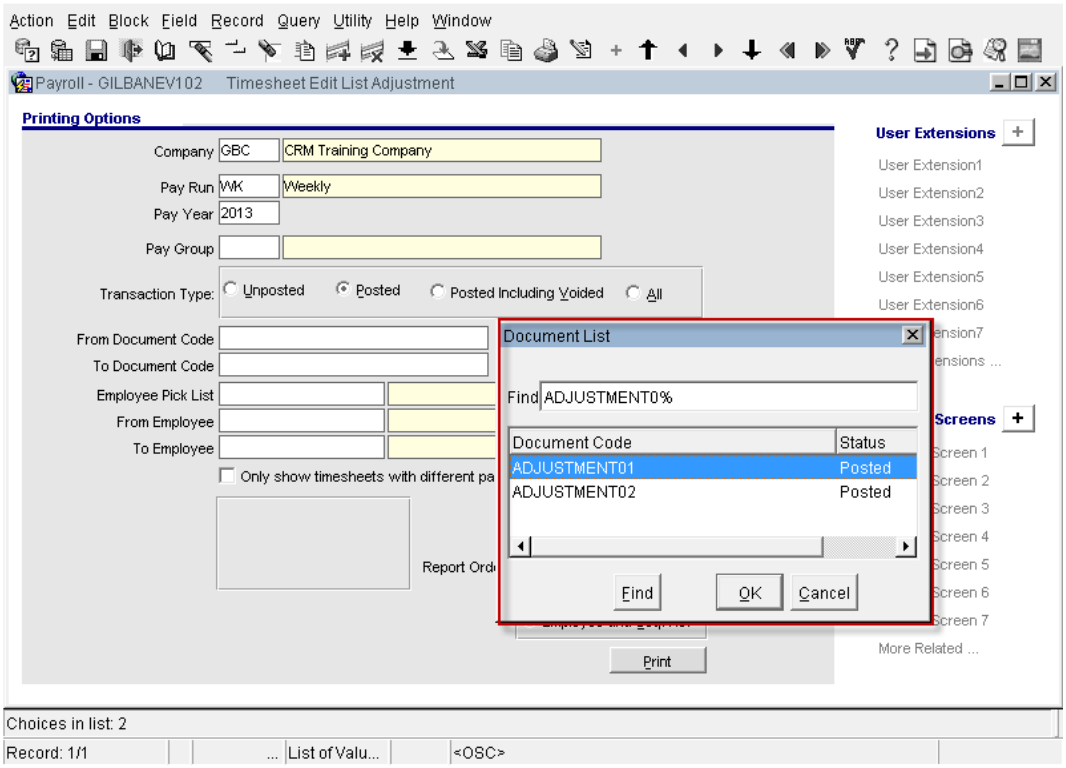
- Save and Post the Timesheet Adjustment.



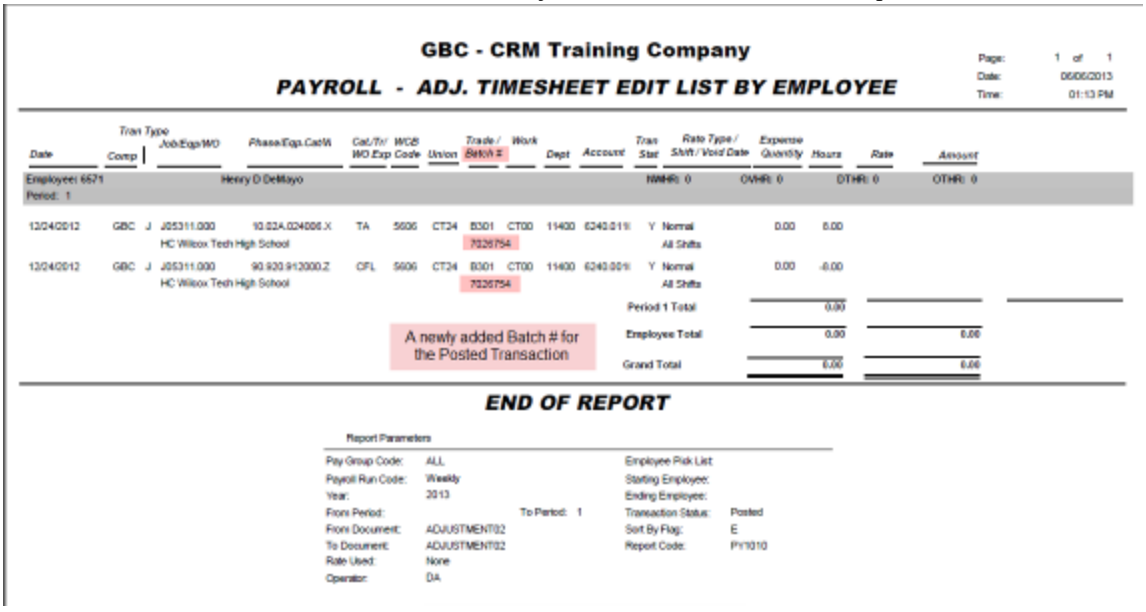
- Go to Timesheet Adjustment Edit Listing and print the report

The LOV for Document Code modified to show values based on Transaction type.

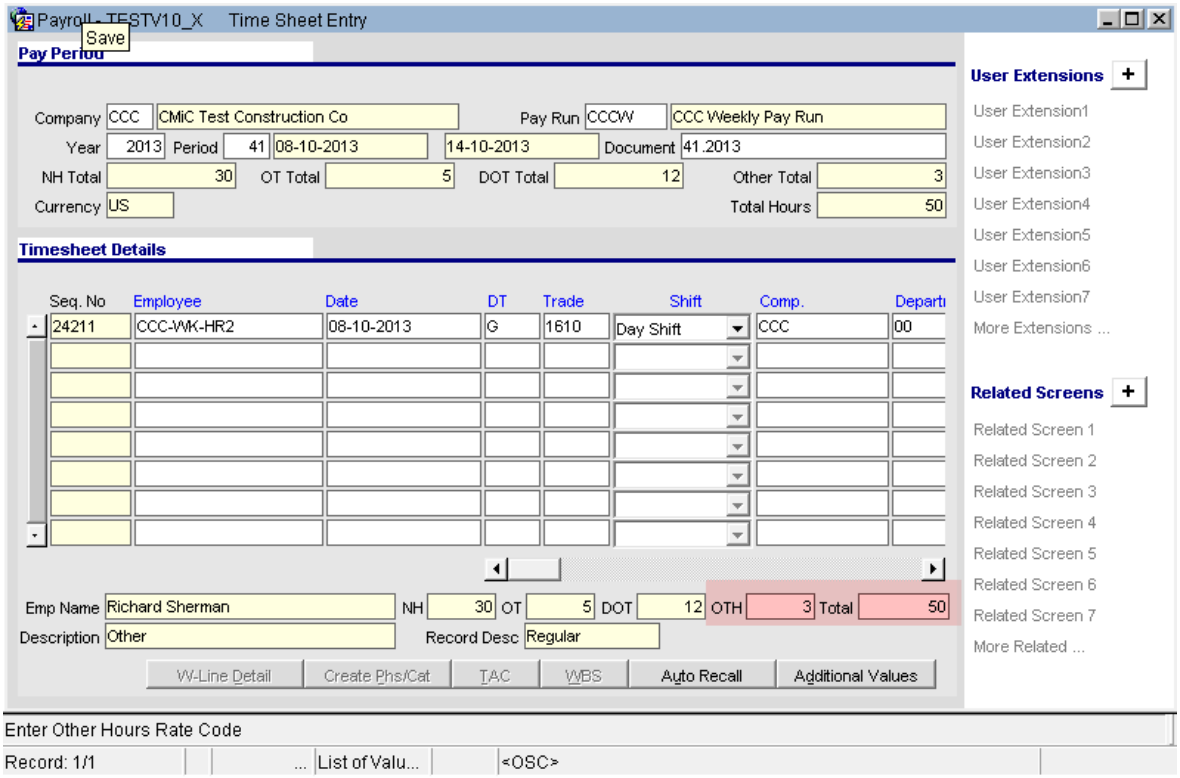
In this particular case, the Document Code LOV shows only Posted transactions.



- The Batch number was added to the Adjustment Timesheet Edit List report.

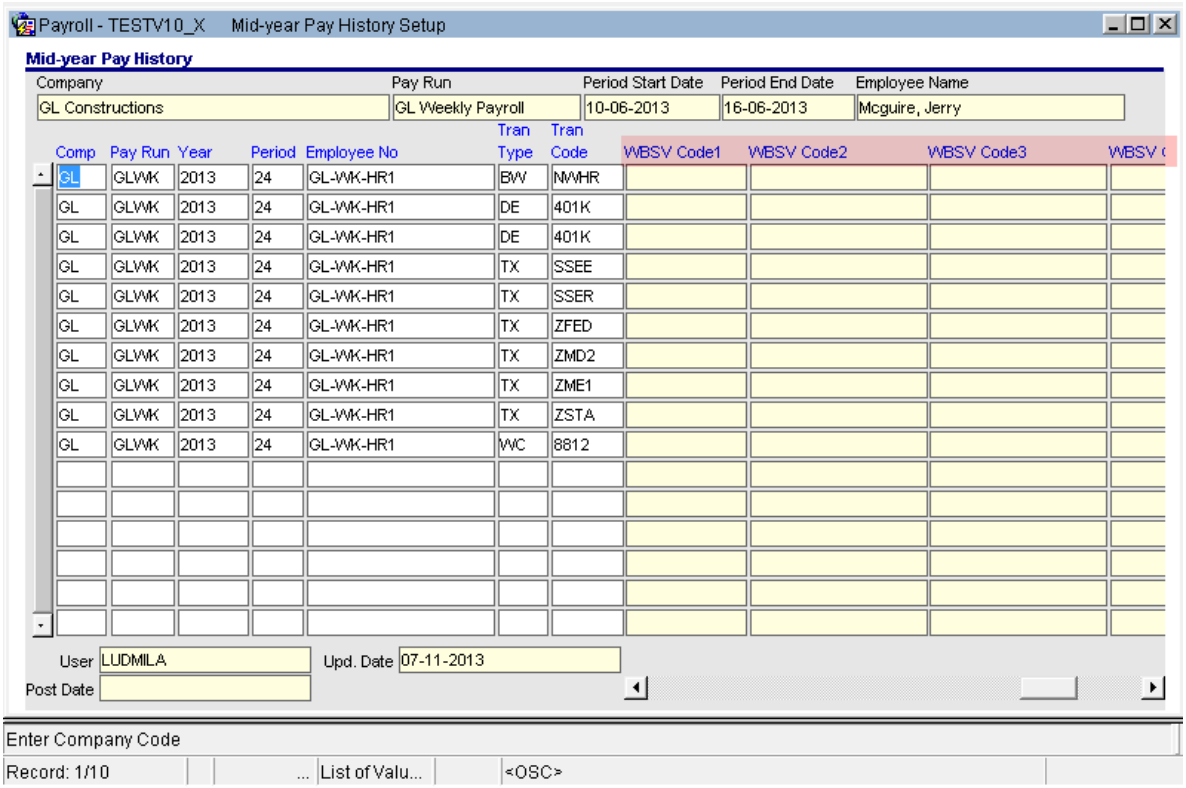


Addition of new columns to Timesheet Entry screen.(13.80247)



CMiC added two summary columns for "Other Hours" and "Total Hours" by Employee to the Timesheet Entry screen which are for display only. The newly added and existing columns are displaying the hours by employee per line and total for the line.

Addition of new columns to Mid-year Pay History. (13.83819)



CMiC modified the existing Mid Year Pay History program under Payroll-> Utility by adding the following requested columns:

PHY_WBSV_CODE1 = Company

PHY_WBSV_CODE2 = Work Order

PHY_WBSV_CODE3 = Work Item

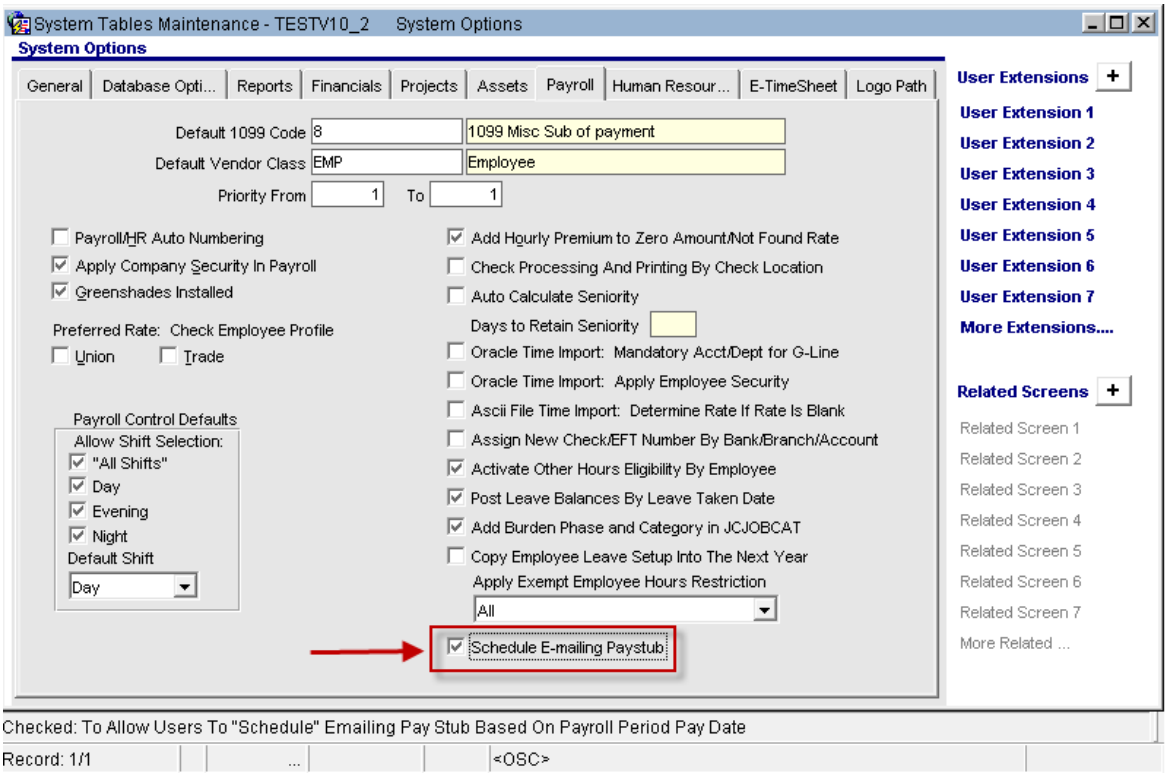
PHY_WBSV_CODE4 = Expense Allocation Code

PHY_CHEQUE_SEQ_NUMBER

PHY_HRS_PAID

The 4 WBS columns will be added after the job/phase/category columns in the mid-year program and the "Check #"after the "Batch Num" column and the "Hrs Paid" after the "Hrs Wrkd" column.

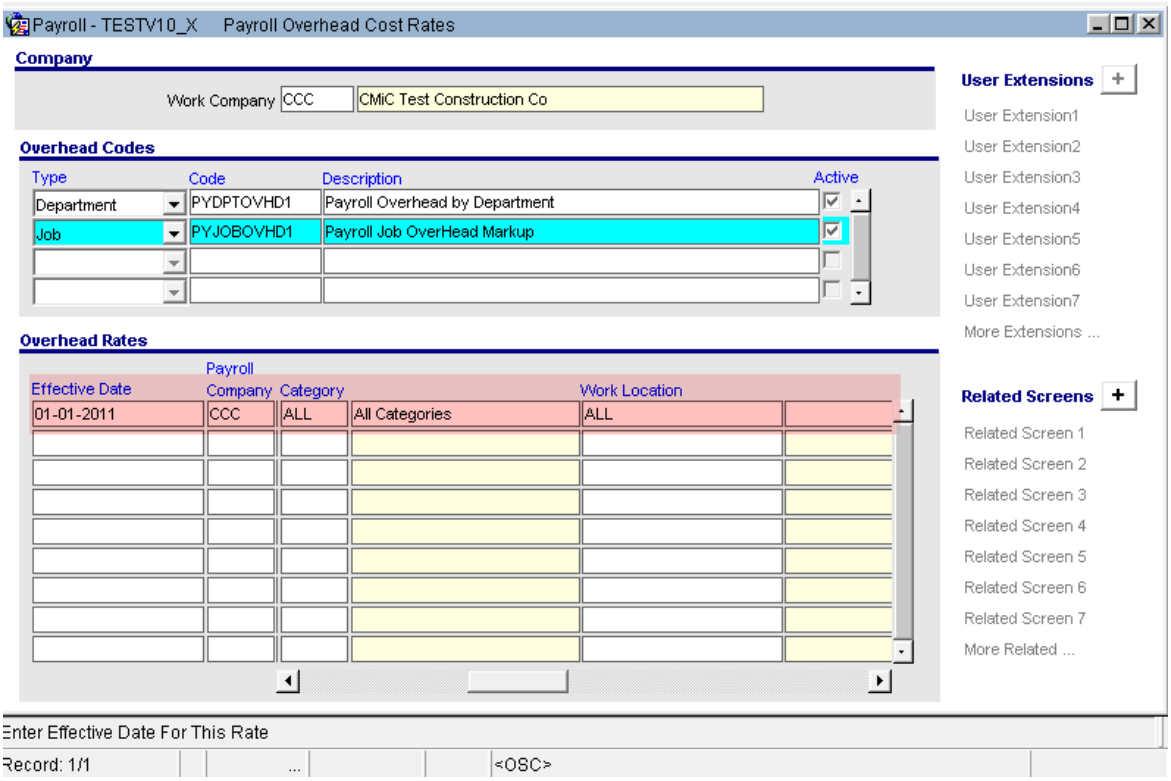
Scheduling electronic stub e-mailing functionality (13.83009)



CMiC added a new option under System Option -> Payroll tab screen to allow users to "Schedule" emailing Stub based on payroll period pay date. This option is called "Schedule E-mailing Paystub". The default value is UN-checked for existing users. The system will use the Pay Date from company pay period setup screen to schedule emailing paystub and the time will be used to default is 6:00 AM in the morning on the pay date specified on the period setup.

This way user will be able to print stub on printer for regular mail and email will be scheduled for emails employees for pay date.

Modifications to overhead calculation screen. (13.80266)

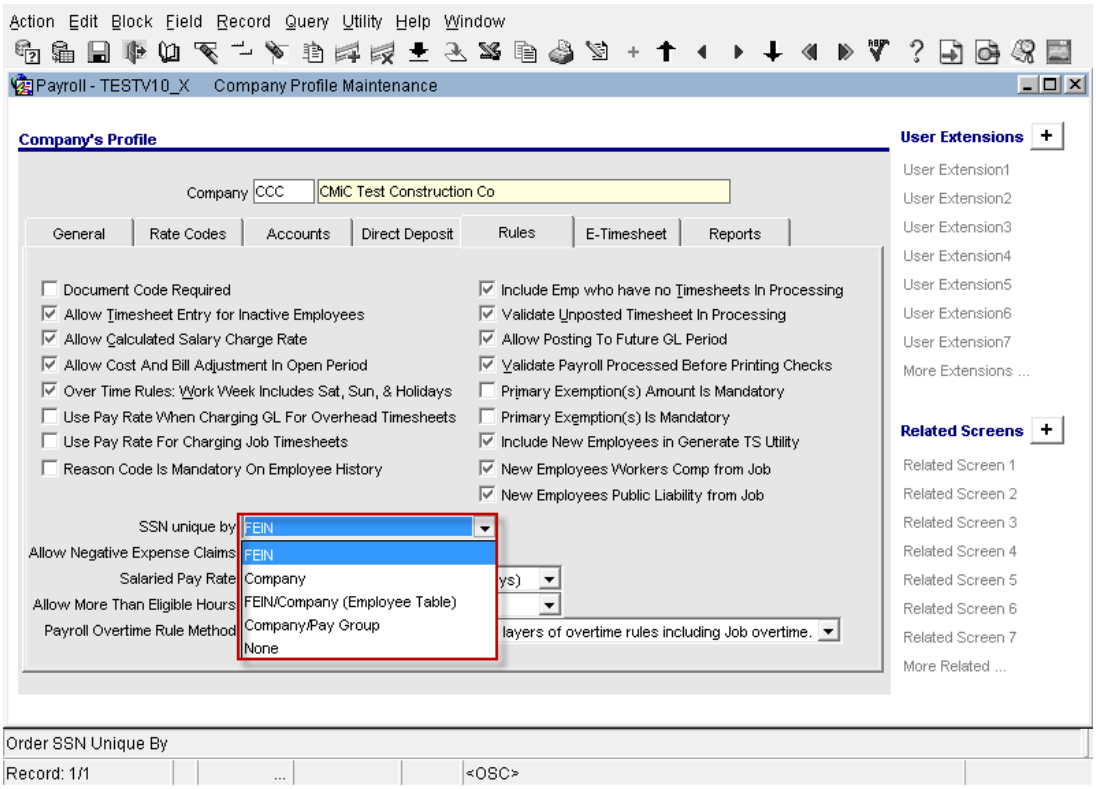


CMIC modified overhead calculation screen to add work location so user will be able to setup overhead by location. The work location has been added in the Overhead Rates section of the Payroll Overhead Cost Rates screen. The default value is "ALL" for all work locations for existing company. The system will consider work location entered on the Job and apply rates by work location if assigned. System will pick up the "ALL" location overhead rates when No specific work location rates are setup.

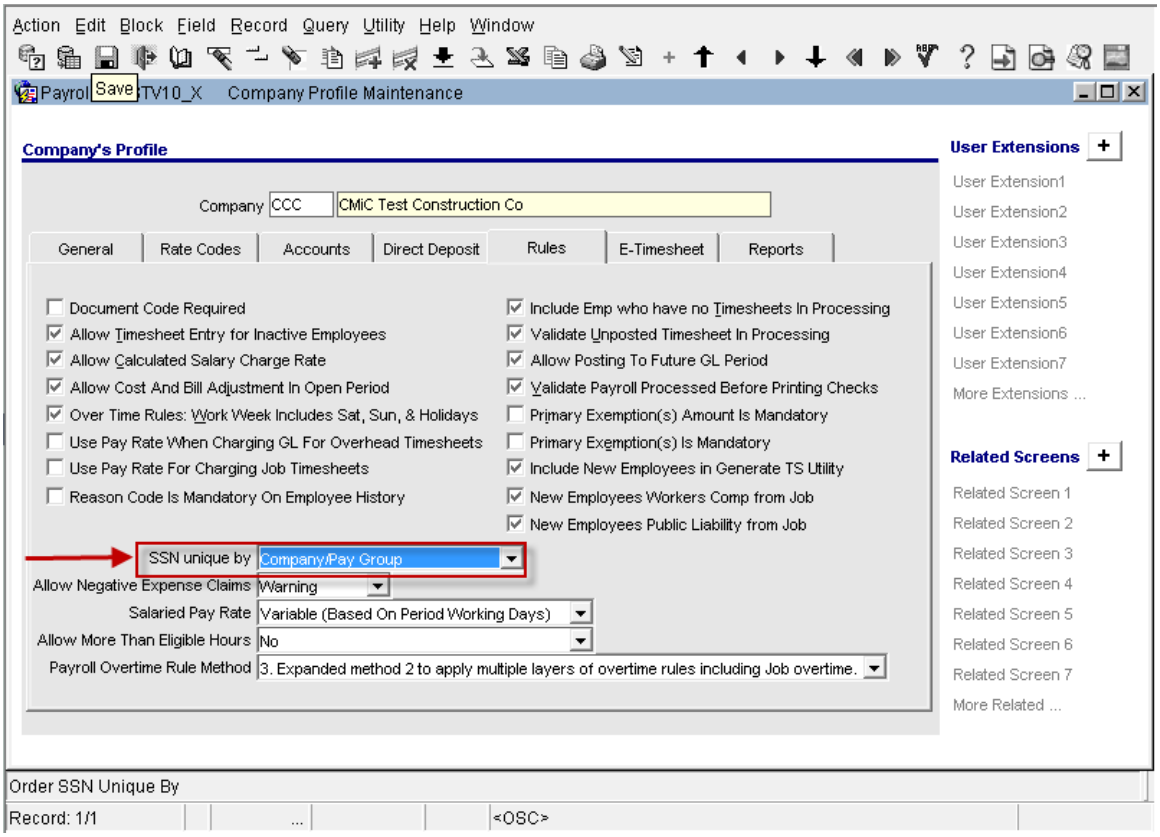
Added SSN uniqueness validation by Payroll Company and Pay Group (14.86451)

CMiC added a new option under Company Control "SSN unique by" field called "Company/Pay Group". The employee profile and history programs are modified to apply the new validation rule to validate uniqueness of SSN within Payroll Company and Pay Group.

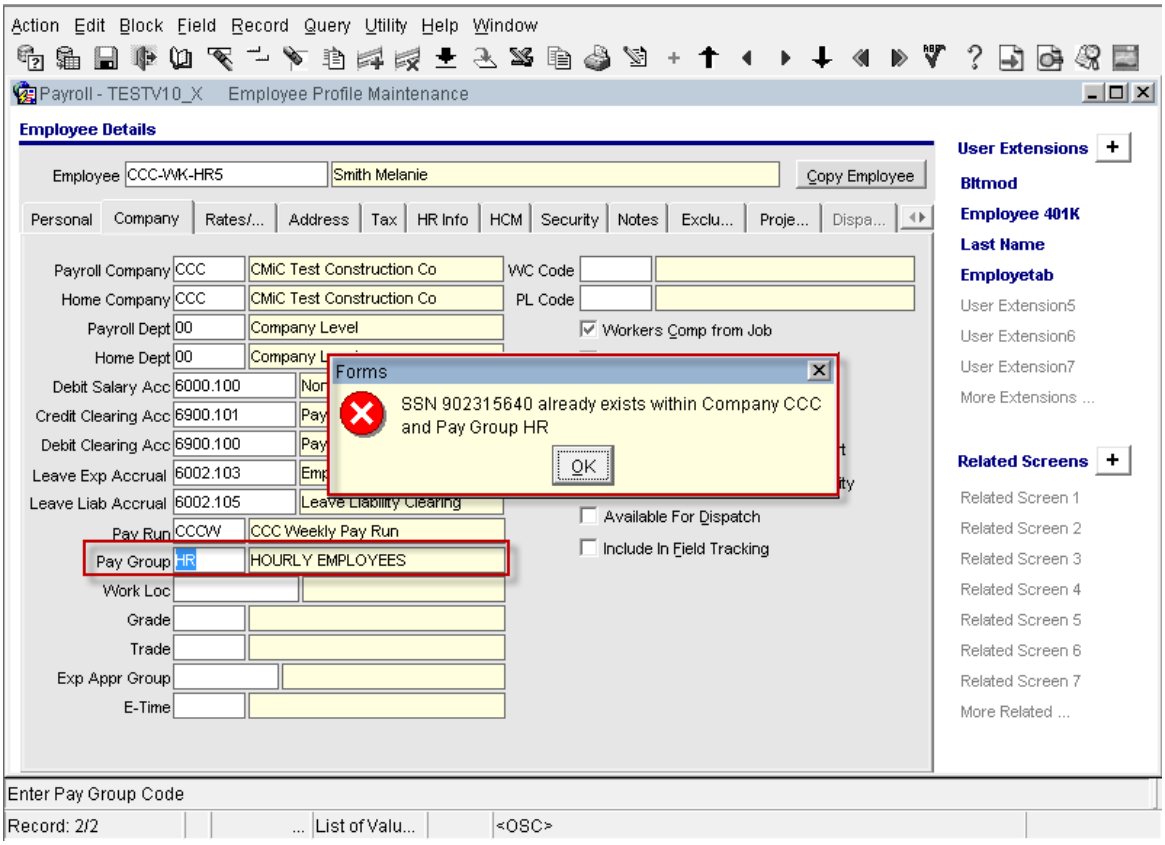
1. Go to Setup-> Company Control ->Rules Tab



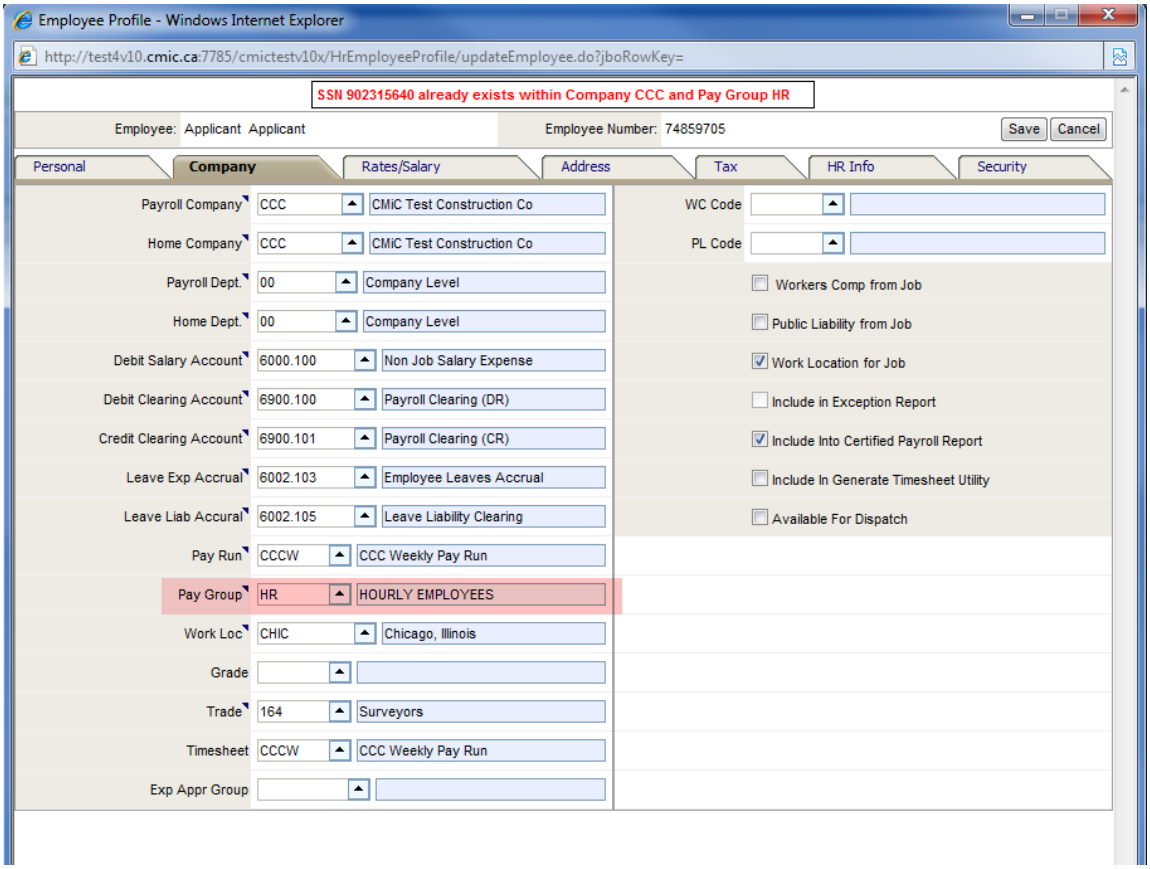
2. In the "SSN Unique by" field click on drop down menu and select "Company/Pay Group" option and save it.



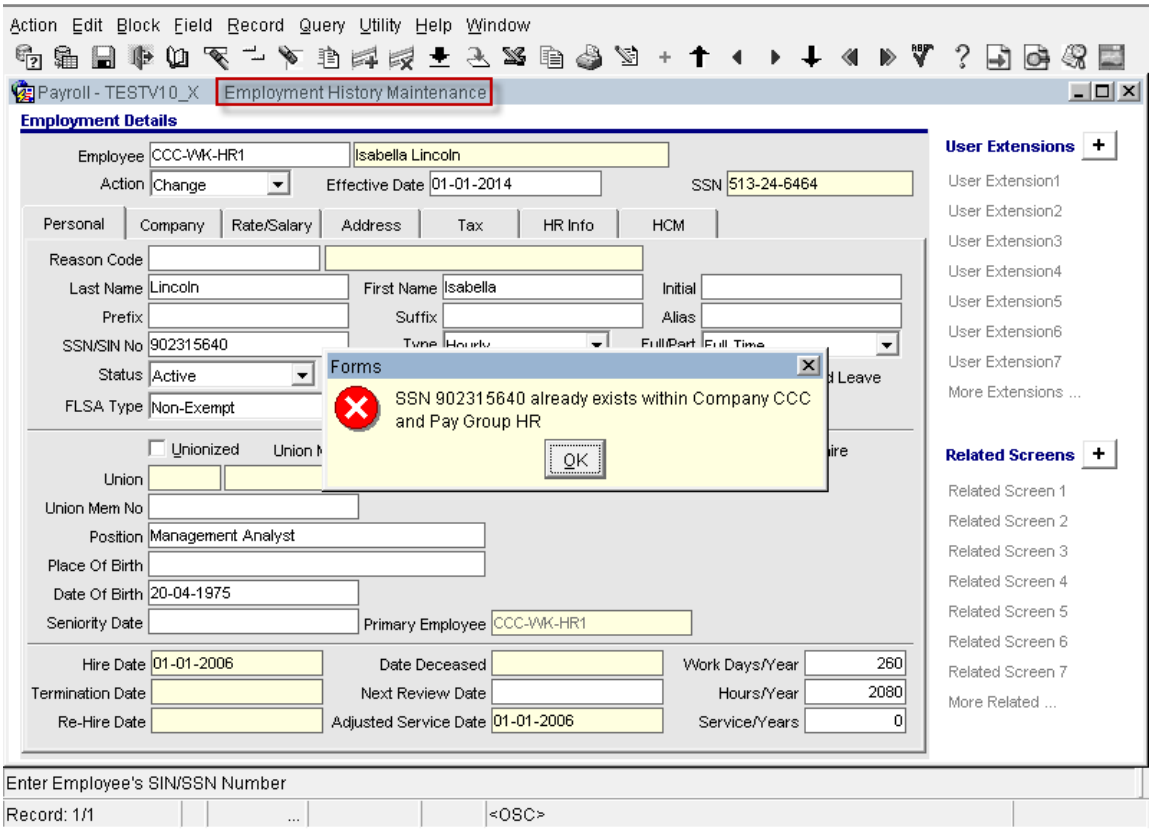
3. When user tries to create a new employee with an existing SSN number within the same pay group and Company, the warning pop up message appears and system doesn't allow to proceed until the SSN number is changed to another, unique one for company and pay group.



4. When hiring an applicant in HCM module, the system displays the same message and doesn't allow proceeding until SIN number is changed.



5. The Employee History Maintenance screen behaves in the similar way. When a user tries to change a SSN number to an existing one in the Company and Pay Group, the systems displays a warning message and doesn't allow proceeding to the next step.

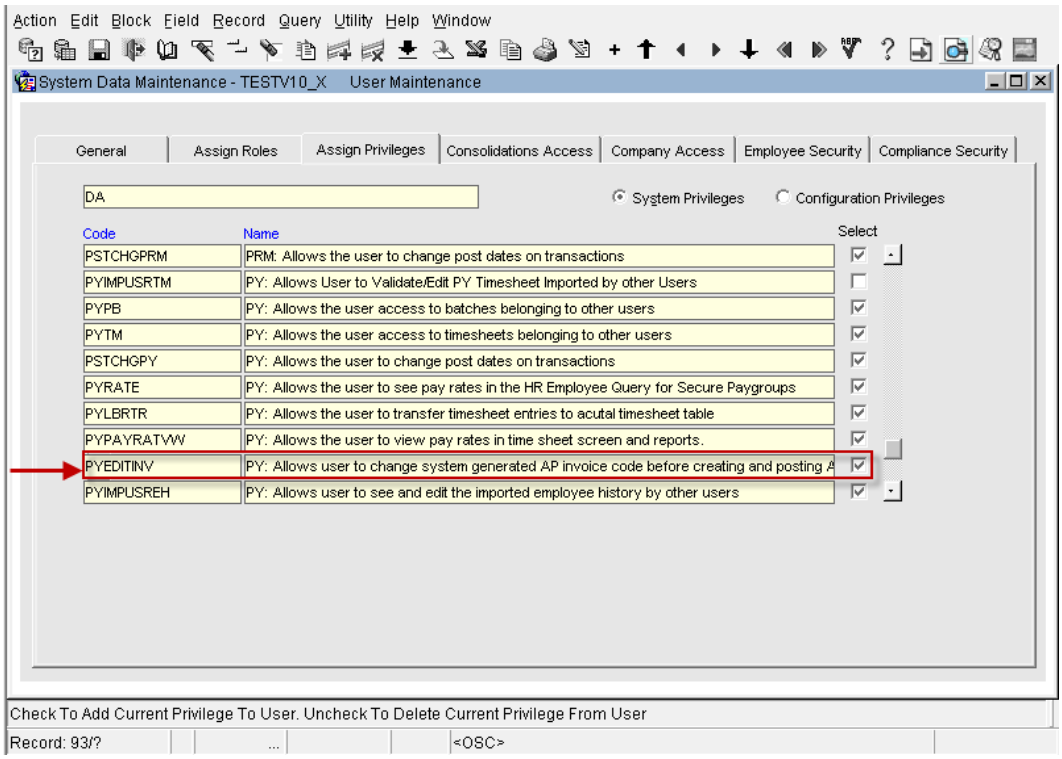


Modification to overwrite auto generated AP Voucher number.
(13.84063)

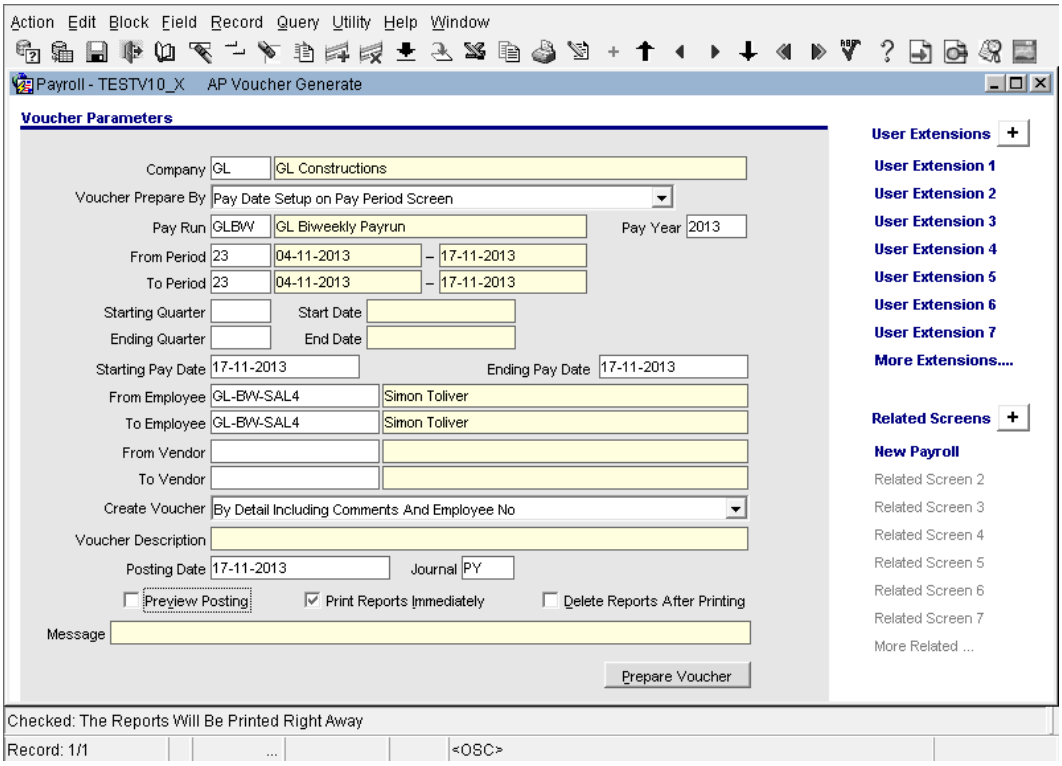
CMiC modified AP Voucher Generate screen by adding a new popup screen when "Prepare Voucher" button is pressed. The new popup displays all vouchers prepared from payroll module along with all voucher detail information. CMiC added a new privilege to allow users to update auto generated invoice numbers in newly added popup screen.

1. Go to Main Menu-> System-> Security -> Users -> User Maintenance.

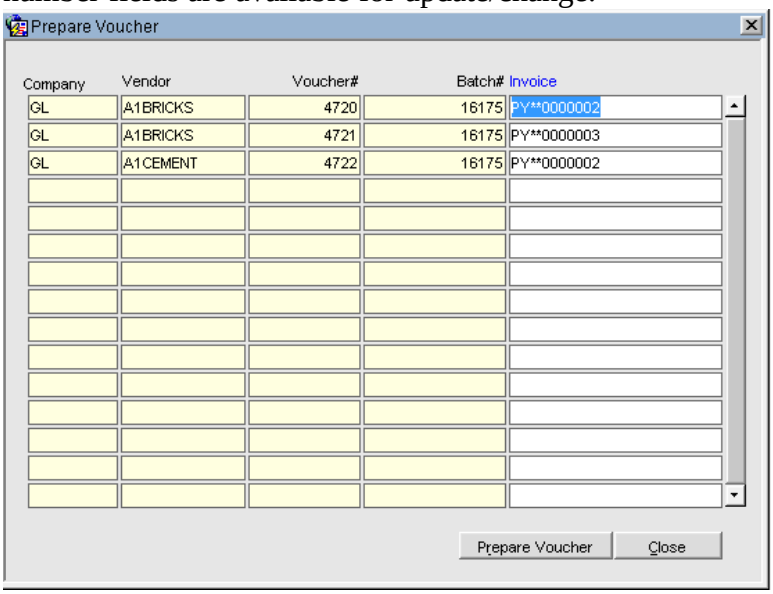
2. Query a User that will have a privilege to change the Voucher auto generated number. Go to "Assign Privileges" tab and flag the checkbox "PY: Allow user to change system generated AP invoice code".

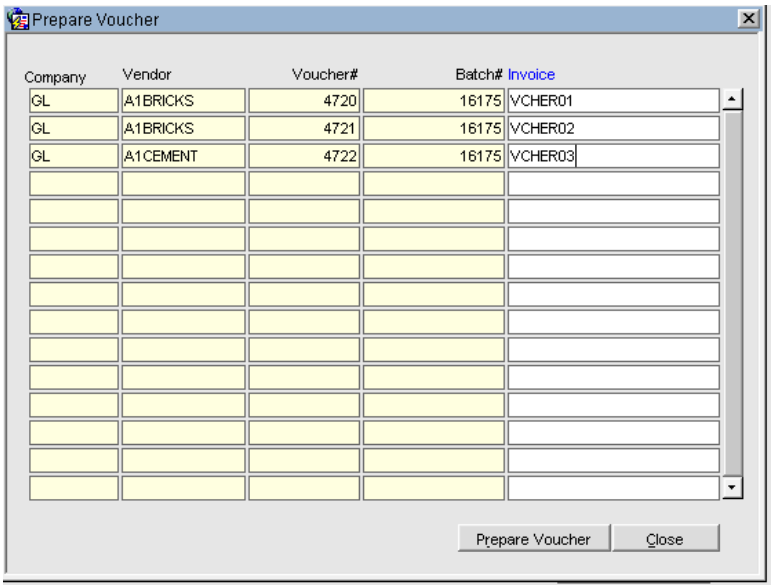


3. Go to Generate AP Voucher screen, put all parameters in required field and click the button "Prepare Voucher"

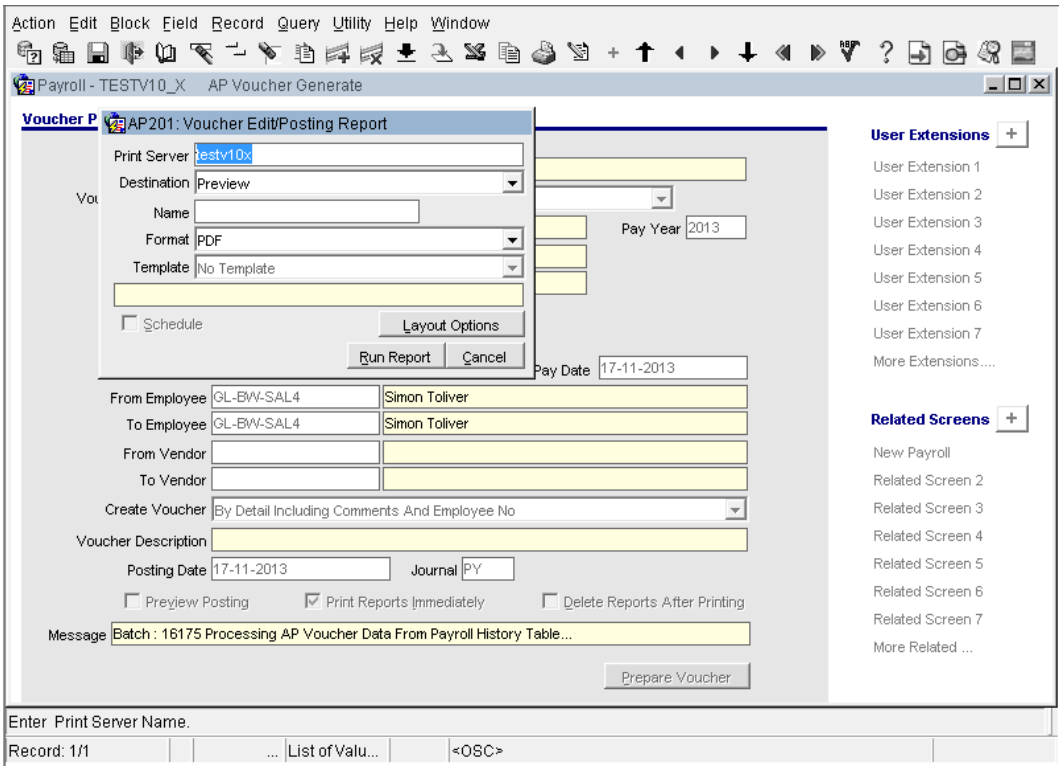


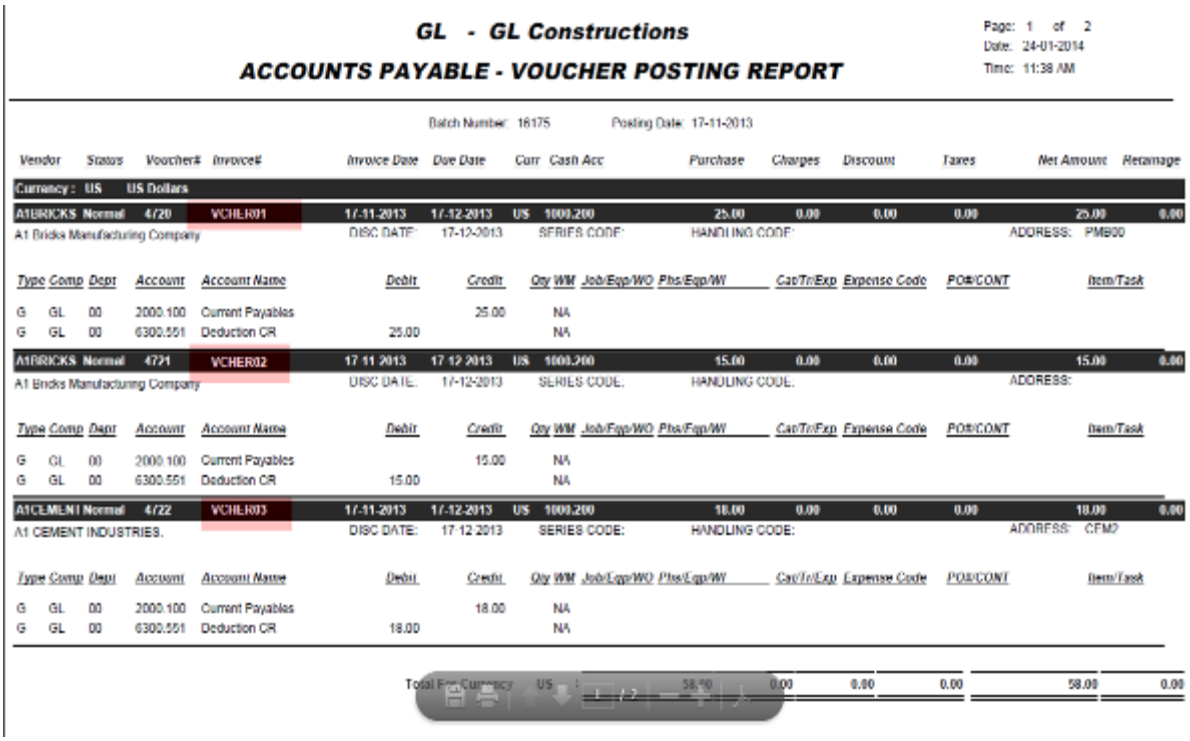
4. A new popup window is displayed with all vouchers prepared from payroll module. Invoice number fields are available for update/change.





5. Click "Prepare Voucher" button after updating/change Invoice numbers and run reports to see changed Invoice's numbers.





GL - GL Constructions

ACCOUNTS PAYABLE - VOUCHER POSTING REPORT

Page: 1 of 2
Date: 24-01-2014
Time: 11:38 AM

Batch Number: 16175 Posting Date: 17-11-2013

Vendor	Status	Voucher#	Invoice#	Invoice Date	Due Date	Curr	Cash Acc	Purchase	Charges	Discount	Taxes	Net Amount	Retainage
Currency : US US Dollars													
A1BRICKS	Normal	4720	VCHER01	17-11-2013	17-12-2013	US	1000.200	25.00	0.00	0.00	0.00	25.00	0.00
A1 Bricks Manufacturing Company				DISC DATE:	17-12-2013		SERIES CODE:	HANDLING CODE:				ADDRESS:	PMB00

Type	Comp	Dept	Account	Account Name	Debit	Credit	Qty	WM	Job/Eqp/WO	Phs/Eqp/W	Cat/Tr/Exp	Expense Code	PO#/CONT	Item/Task
G	GL	00	2000.100	Current Payables		25.00		NA						
G	GL	00	6300.551	Deduction CR	25.00			NA						

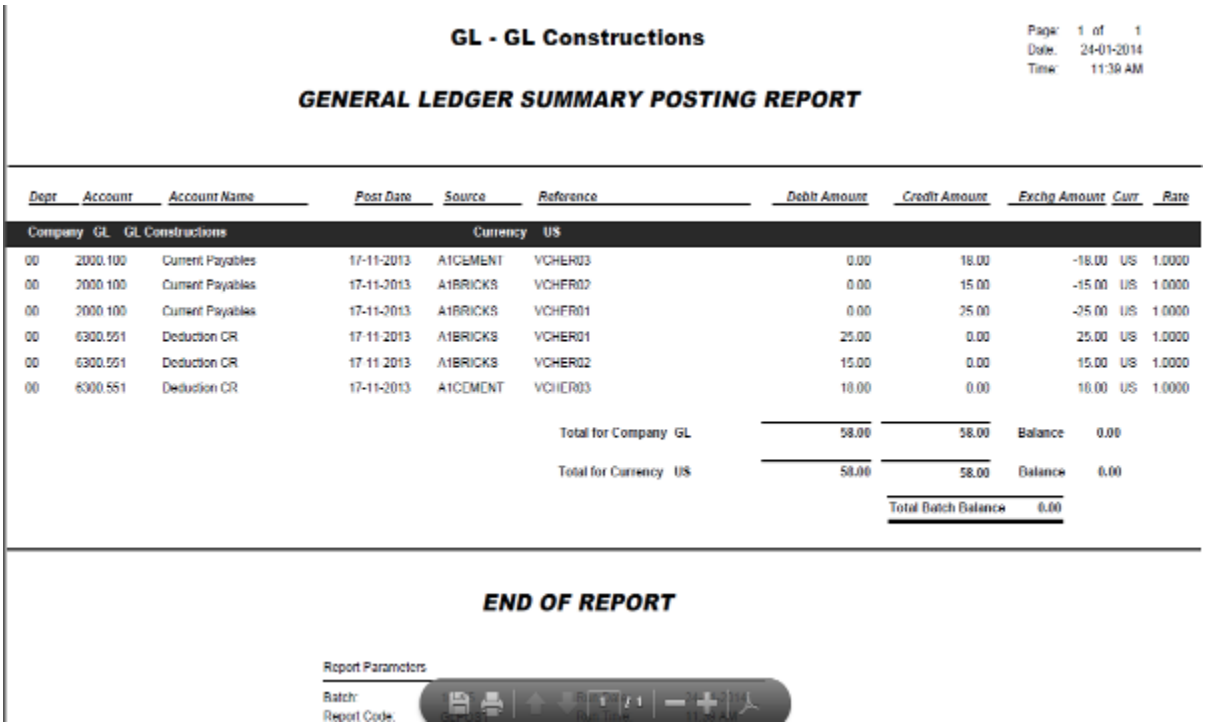
A1BRICKS	Normal	4721	VCHER02	17-11-2013	17-12-2013	US	1000.200	15.00	0.00	0.00	0.00	15.00	0.00
A1 Bricks Manufacturing Company				DISC DATE:	17-12-2013		SERIES CODE:	HANDLING CODE:				ADDRESS:	

Type	Comp	Dept	Account	Account Name	Debit	Credit	Qty	WM	Job/Eqp/WO	Phs/Eqp/W	Cat/Tr/Exp	Expense Code	PO#/CONT	Item/Task
G	GL	00	2000.100	Current Payables		15.00		NA						
G	GL	00	6300.551	Deduction CR	15.00			NA						

A1CEMENT	Normal	4722	VCHER03	17-11-2013	17-12-2013	US	1000.200	18.00	0.00	0.00	0.00	18.00	0.00
A1 CEMENT INDUSTRIES.				DISC DATE:	17-12-2013		SERIES CODE:	HANDLING CODE:				ADDRESS:	CFM2

Type	Comp	Dept	Account	Account Name	Debit	Credit	Qty	WM	Job/Eqp/WO	Phs/Eqp/W	Cat/Tr/Exp	Expense Code	PO#/CONT	Item/Task
G	GL	00	2000.100	Current Payables		18.00		NA						
G	GL	00	6300.551	Deduction CR	18.00			NA						

Total For Currency	US	58.00	0.00	0.00	0.00	58.00	0.00



GL - GL Constructions

Page: 1 of 1
Date: 24-01-2014
Time: 11:39 AM

GENERAL LEDGER SUMMARY POSTING REPORT

Dept	Account	Account Name	Post Date	Source	Reference	Debit Amount	Credit Amount	Exchg Amount	Curr	Rate
Company GL GL Constructions					Currency US					
00	2000.100	Current Payables	17-11-2013	A1CEMENT	VCHER03	0.00	18.00	-18.00	US	1.0000
00	2000.100	Current Payables	17-11-2013	A1BRICKS	VCHER02	0.00	15.00	-15.00	US	1.0000
00	2000.100	Current Payables	17-11-2013	A1BRICKS	VCHER01	0.00	25.00	-25.00	US	1.0000
00	6300.551	Deduction CR	17-11-2013	A1BRICKS	VCHER01	25.00	0.00	25.00	US	1.0000
00	6300.551	Deduction CR	17-11-2013	A1BRICKS	VCHER02	15.00	0.00	15.00	US	1.0000
00	6300.551	Deduction CR	17-11-2013	A1CEMENT	VCHER03	18.00	0.00	18.00	US	1.0000
					Total for Company GL	58.00	58.00	Balance 0.00		
					Total for Currency US	58.00	58.00	Balance 0.00		
							Total Batch Balance	0.00		

END OF REPORT

Report Parameters
Batch:
Report Code:

Retroactive Pay Calculation (10.53977)

CMiC added a new functionality called “Retroactive Pay Calculation”. A new screen allows user to enter different parameter to search employee’s history wages such as “From Date”, “To Date”, “Union”, “Trade” additional to the existing search columns on timesheet adjustment screen such as “Job” and “Phase”.

Based on initial parameter screen the search screen will find all employee wages retroactively to display all past wages for the employee(s). User will be able to select all employee by selecting “checkbox” to include in retroactive pay calculation. Once all employees are selected and “Accepted”, screen will populate positive and negative transaction lines into the main screen similar to adjustment screen, however the new retroactive pay screen includes employees pay rate as well. The pay rate will be populated based on the current period. User will be able to change Job/Phase and category in main screen.

Pay Rates

The pay rate will be re-calculated or updated for the new lines created on the retroactive screen. The rate population will be based on employee preference setup on profile and the period effective date where retro pay will be processed. The timesheet data will be consider for other parameter to populate the rates such as “Trade”, “Union” and “Job” etc.

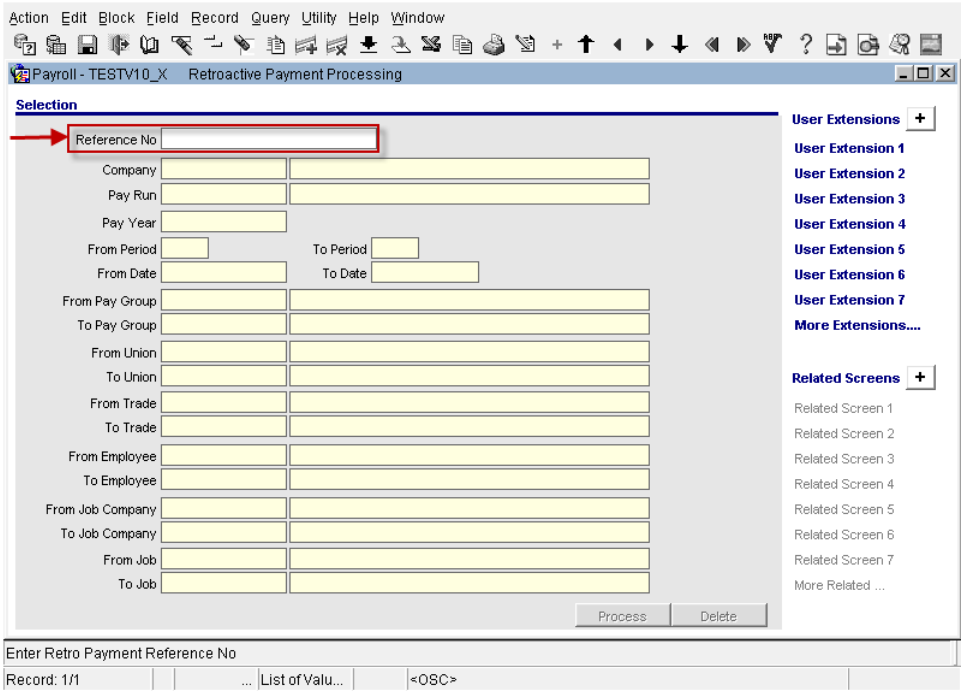
Processing

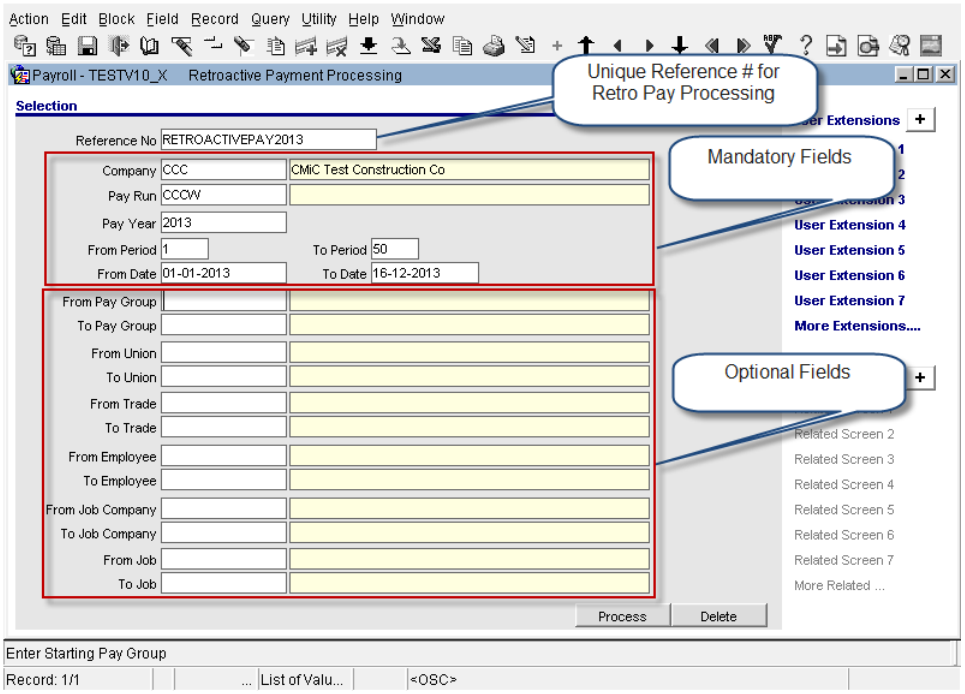
The New screen is provided to the users to “Process” retroactive pay. User selects the Company, Pay Run, Year, Document no and current open payroll period where user would like to process these retroactive payment.

The adjustment data can be reviewed prior to payroll processing by users. The retro wage calculation will be picked up when processing payroll period and system will calculate taxes on wages based on current period.

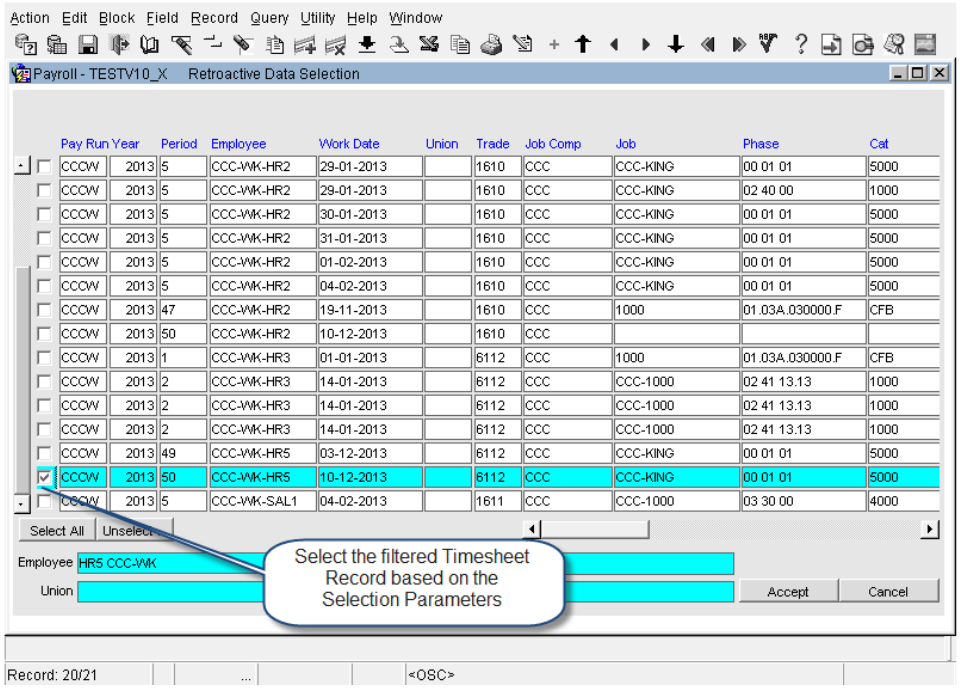
Go to Processing ->Retroactive Payment Processing screen.

1. Enter Reference number and all Mandatory fields. User is not allowed to change any selection parameter, once the transaction is exists into Retroactive payment table and also the system will by-pass the record selection pop-up.

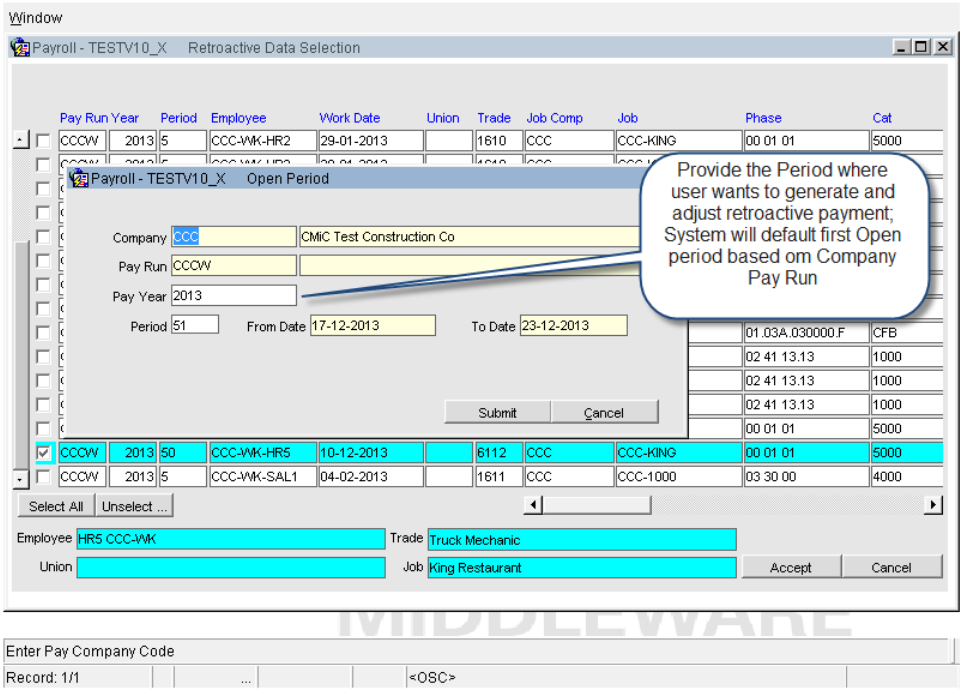




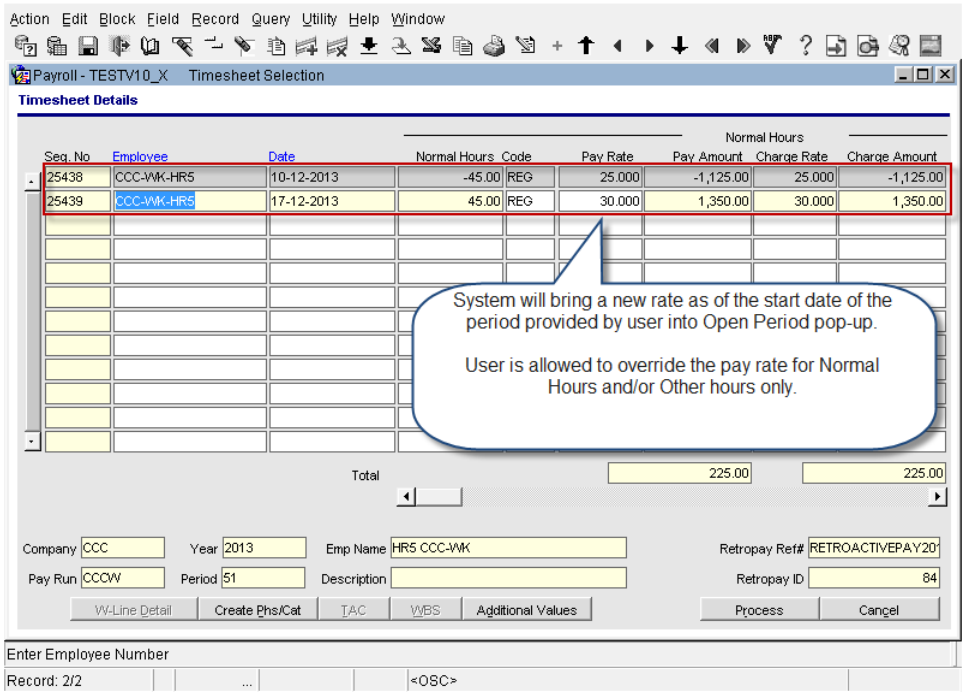
2. Select the timesheet record which will be used for retroactive pay calculation.



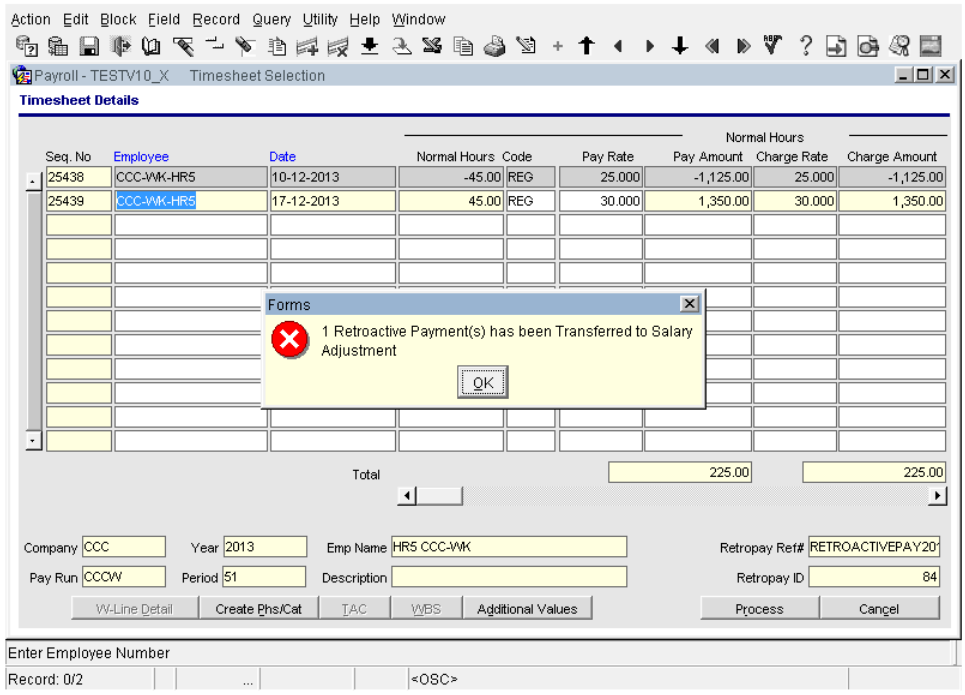
3. Enter the period where user wants to generate adjusted retroactive payment and click "Accept".



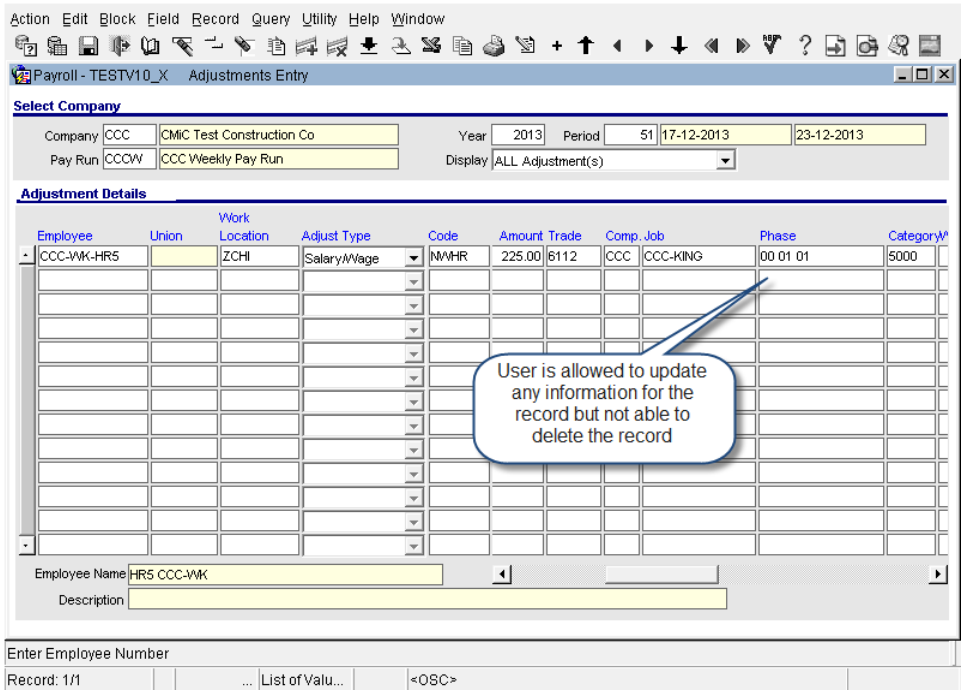
4. User is allowed to delete the selected record but not allowed to insert a new record in the Timesheet Selection screen. Click "Process" when finish editing rates.

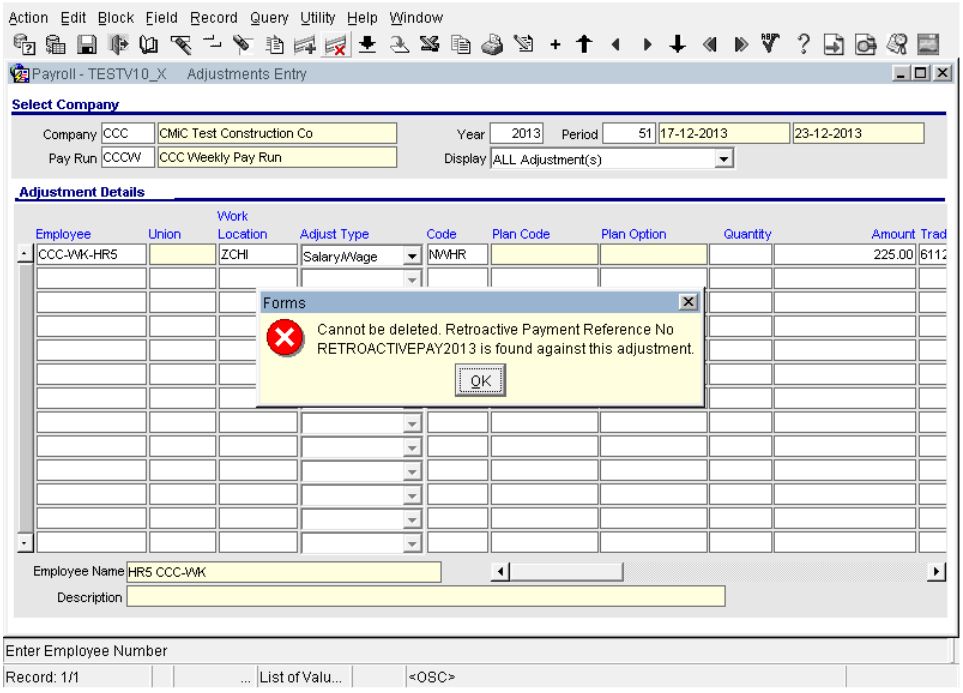


5. This record will be transferred to Salary Adjustment table for further processing.

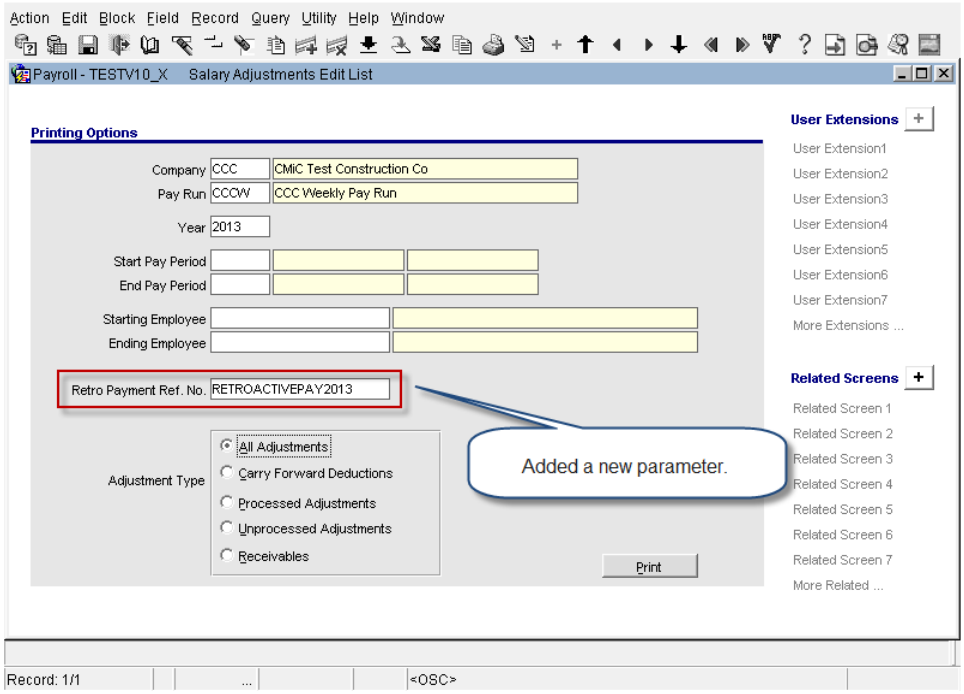


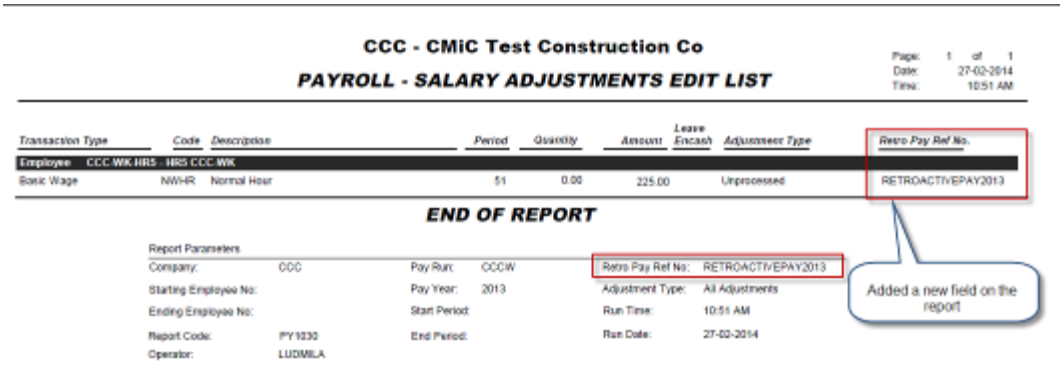
6. User can update any information like Job/Phase/Category in Adjustment entry screen, but is not allowed to delete the record.


Action Edit Block Field Record Query Utility Help Window
Payroll - TESTV10_X Adjustments Entry
Select Company
Company CCC CMiC Test Construction Co
Year 2013 Period 51 17-12-2013 23-12-2013
Pay Run CCCW CCC Weekly Pay Run
Display ALL Adjustment(s)
Adjustment Details
Employee Union Work Location Adjust Type Code Amount Trade Comp. Job Phase Category
CCC-WK-HR5 ZCHI Salary/Wage NWHR 225.00 6112 CCC CCC-KING 00 01 01 5000
User is allowed to update any information for the record but not able to delete the record
Employee Name HR5 CCC-WK
Description
Enter Employee Number
Record: 1/1
List of Valu...
<OSC>

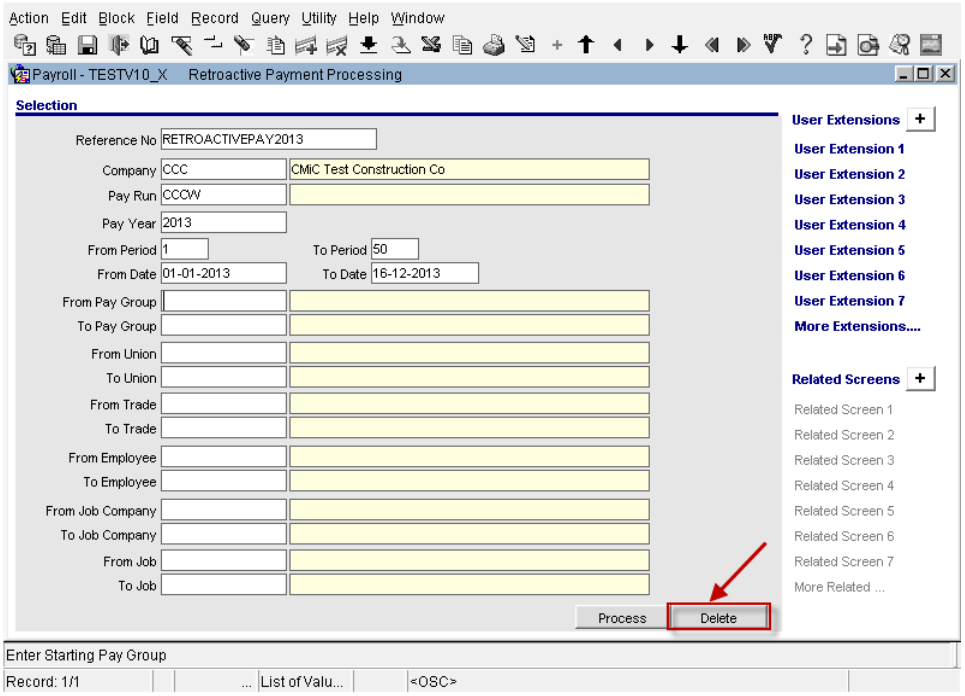

Action Edit Block Field Record Query Utility Help Window
Payroll - TESTV10_X Adjustments Entry
Select Company
Company CCC CMiC Test Construction Co
Year 2013 Period 51 17-12-2013 23-12-2013
Pay Run CCCW CCC Weekly Pay Run
Display ALL Adjustment(s)
Adjustment Details
Employee Union Work Location Adjust Type Code Plan Code Plan Option Quantity Amount Trad
CCC-WK-HR5 ZCHI Salary/Wage NWHR 225.00 6112
Forms
Cannot be deleted. Retroactive Payment Reference No RETROACTIVEPAY2013 is found against this adjustment.
OK
Employee Name HR5 CCC-WK
Description
Enter Employee Number
Record: 1/1
List of Valu...
<OSC>

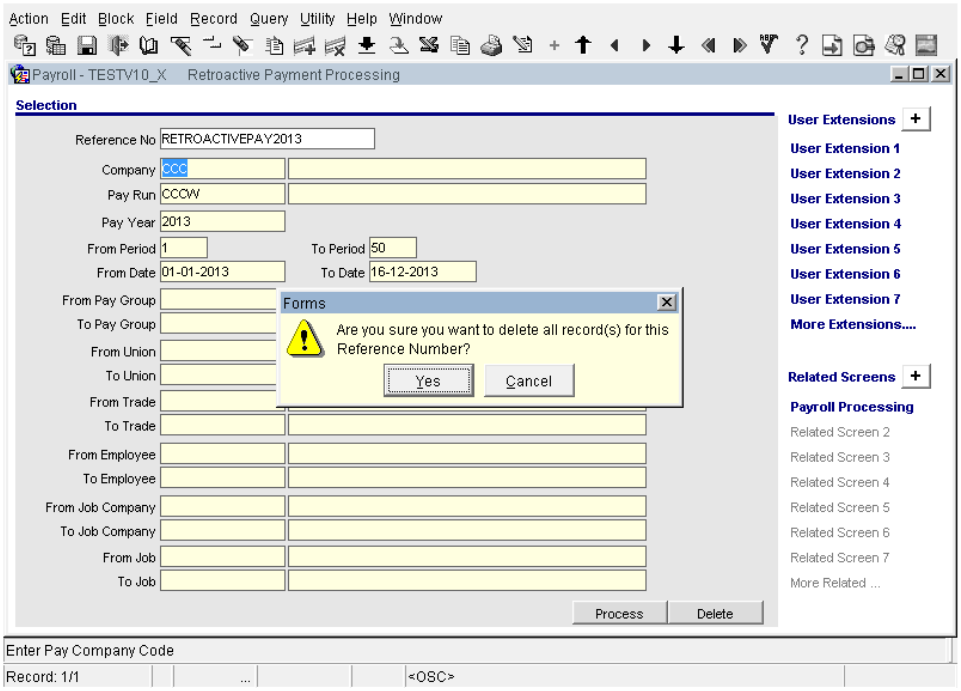
7. A new parameter "Retro Payment Ref.No" is added to the Adjustment Entry Edit List, as well a new field "Retro Payment Ref.No" is added to the same report.



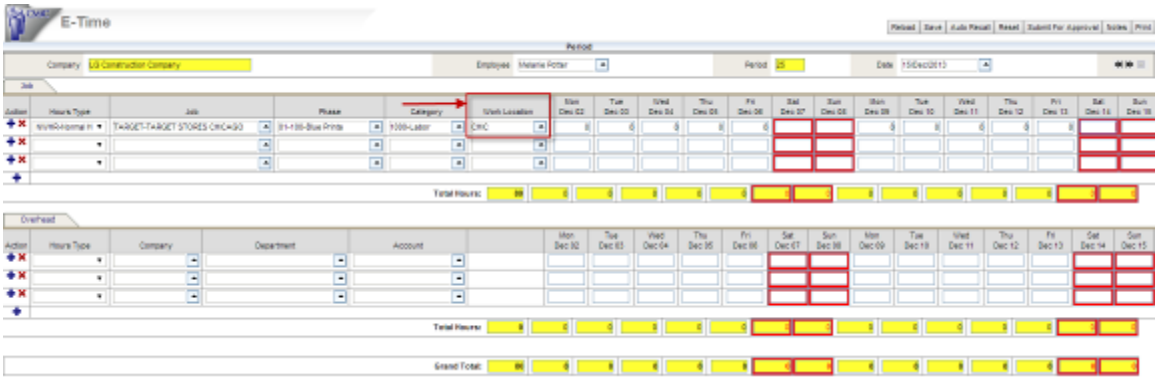


8. User is allowed to delete all the transactions against the Retroactive payment Reference Number unless the pay check is not processed against any transaction.
This process will delete all the records from Retro Payment table (if exists), Salary adjustment (if exists), Payroll Employee Pay History (if exists) and Retro Payment Reference Master Table.





3. When user “LG1-BW-HR2” goes to Payroll E-timesheet to enter the working hours, he will be able to see “Work Location” field on the screen and able to query this field.

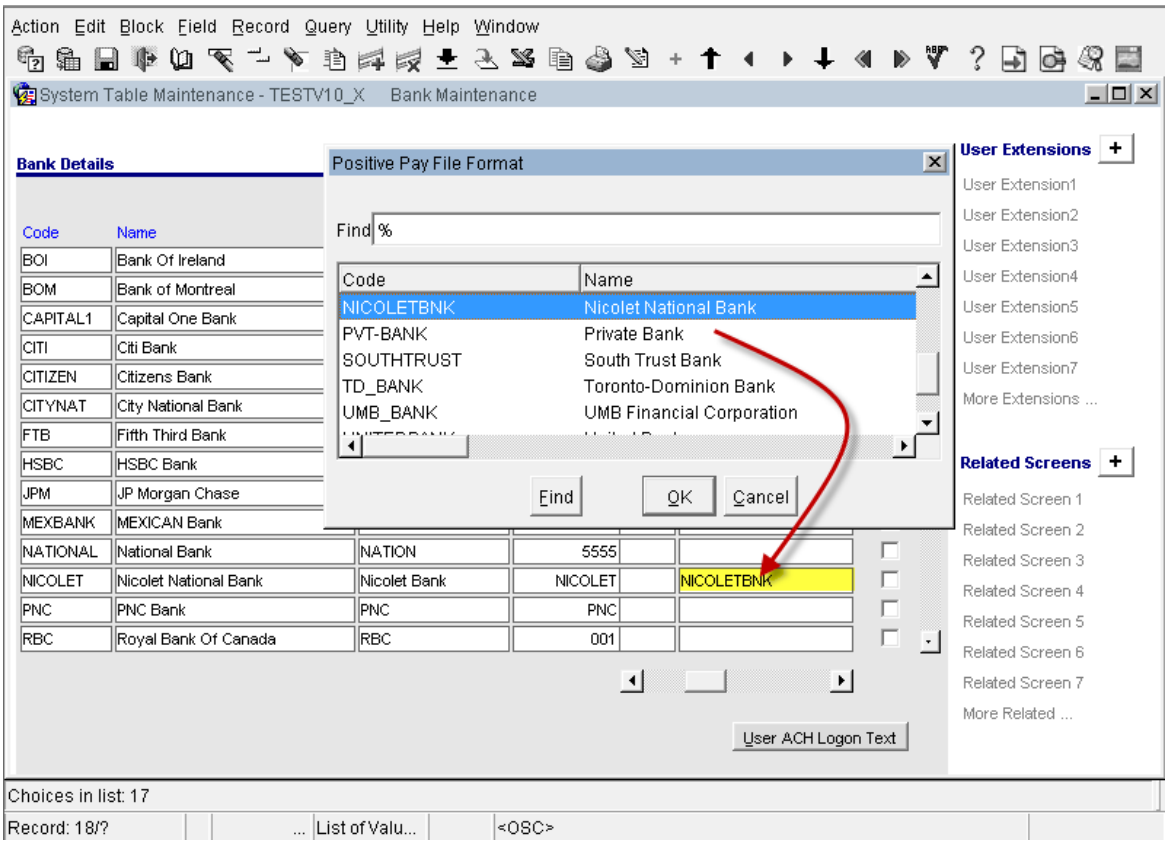


Multi Positive Pay File format for Nicolet National Bank (13.82700)

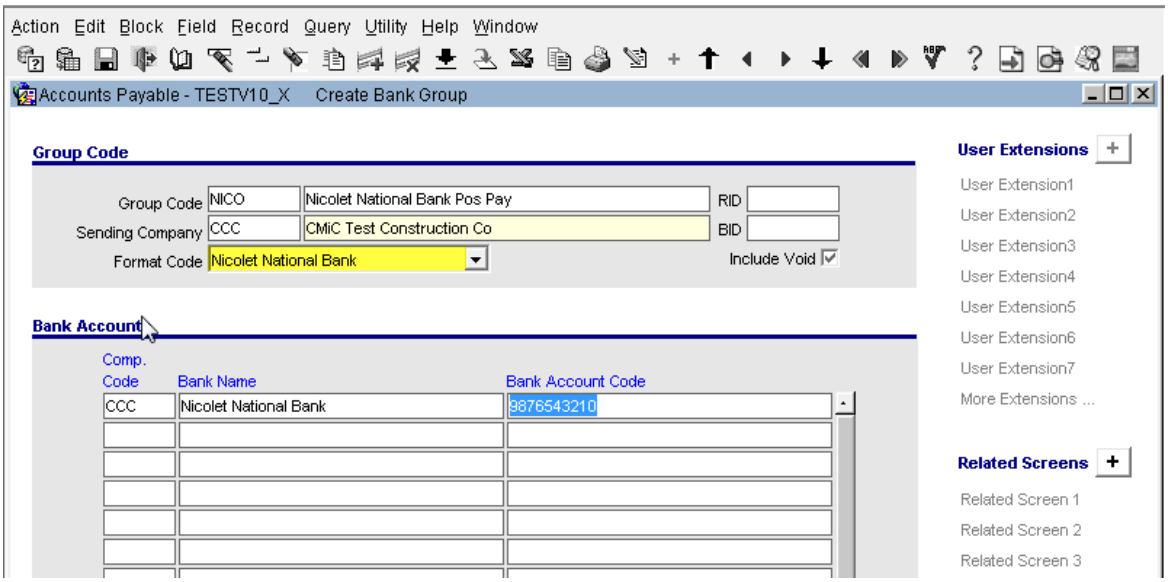
To program Positive Pay File format for Nicolet National Bank.

Modifications:

Added a new AP & PY Positive Pay file format 'NICOLETBNK' to the banking application. This can be assigned to the appropriate bank in Bank Maintenance form.

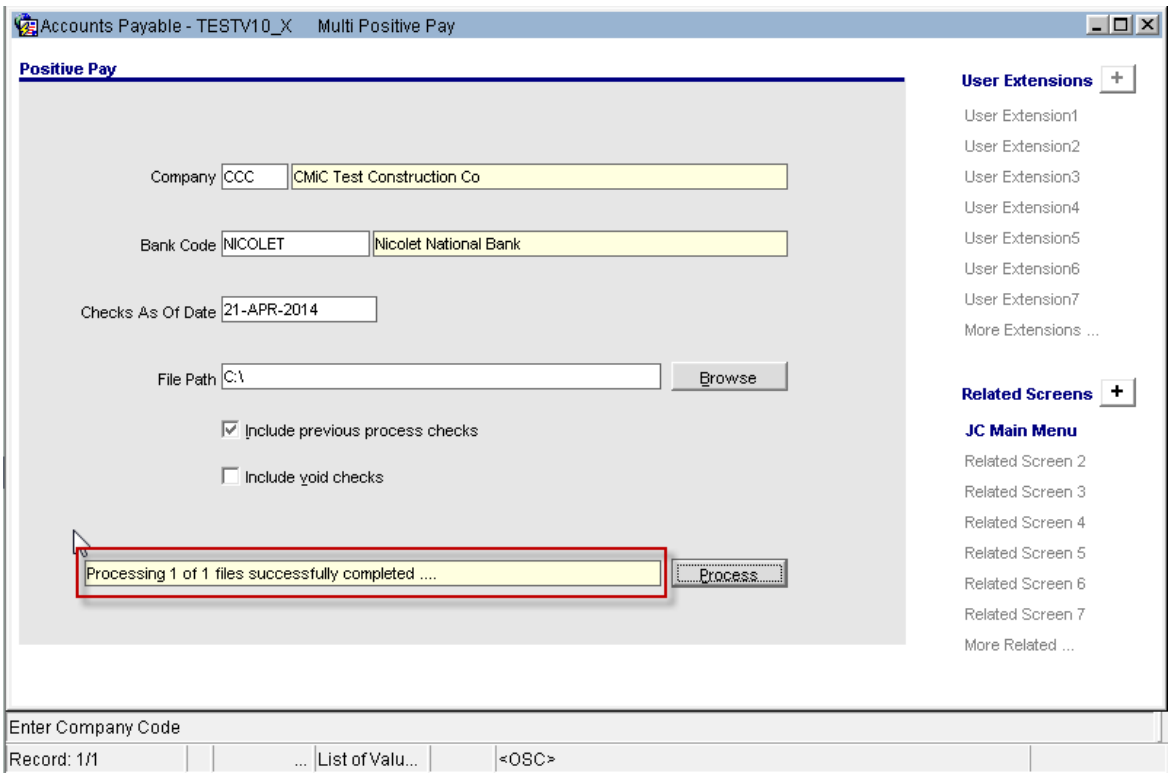


Global Tables > Banking > Bank Maintenance (babank.fmx)



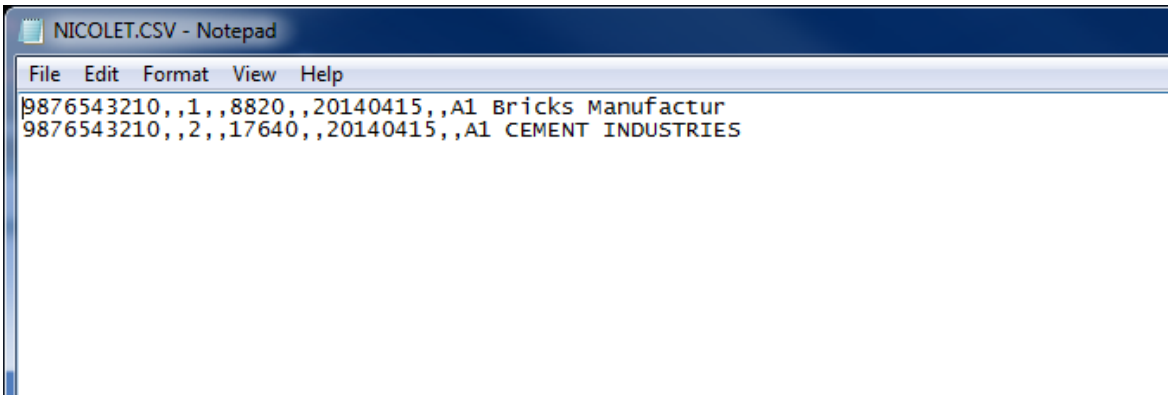
AP > Check > Positive Pay Register > Create Bank Group

The Bank Group Maintenance form now has a format Code for 'Nicolet National Bank' in the list of values.



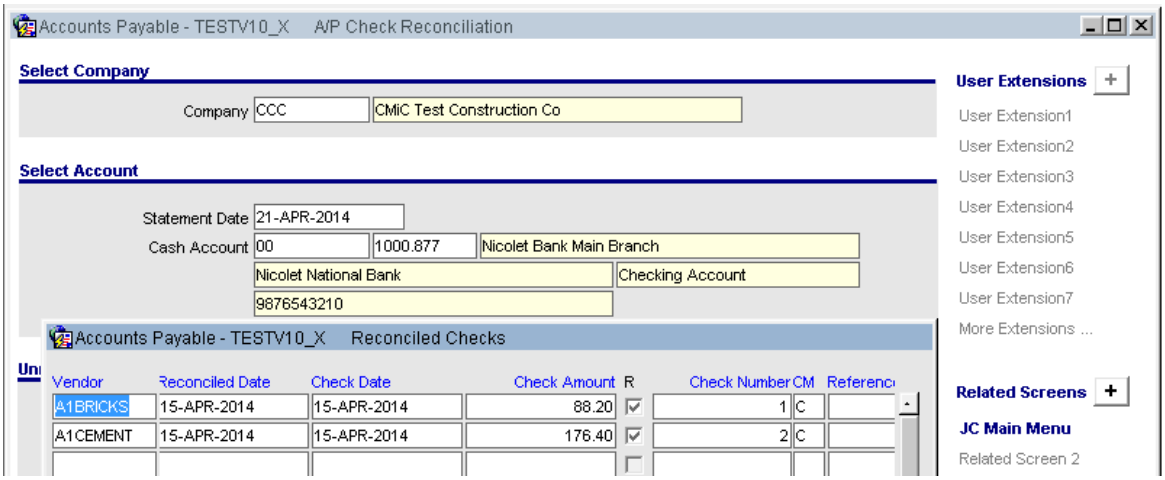
PY> Check > Positive Pay Register > AP/PY Combined Positive Pay

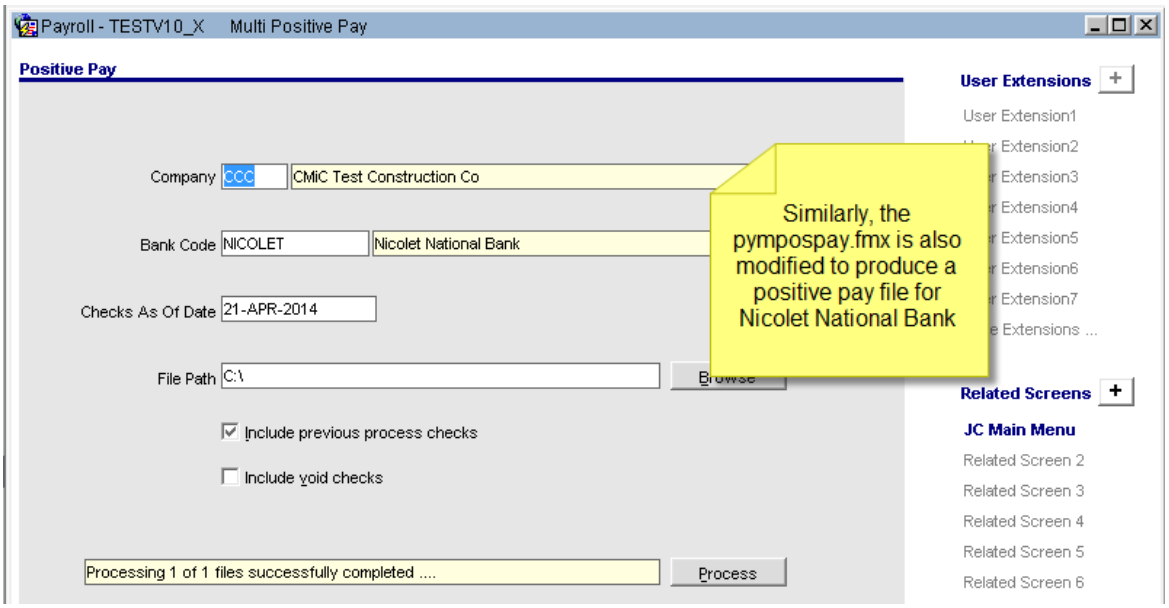
The AP/PY Combined Positive Pay Form is modified to print the positive pay file to the specified destination.



The above file shows the positive pay information generated by CMIC for Nicolet National Bank.

This information may also be verified with the 'Check Reconciliation' query form as well.

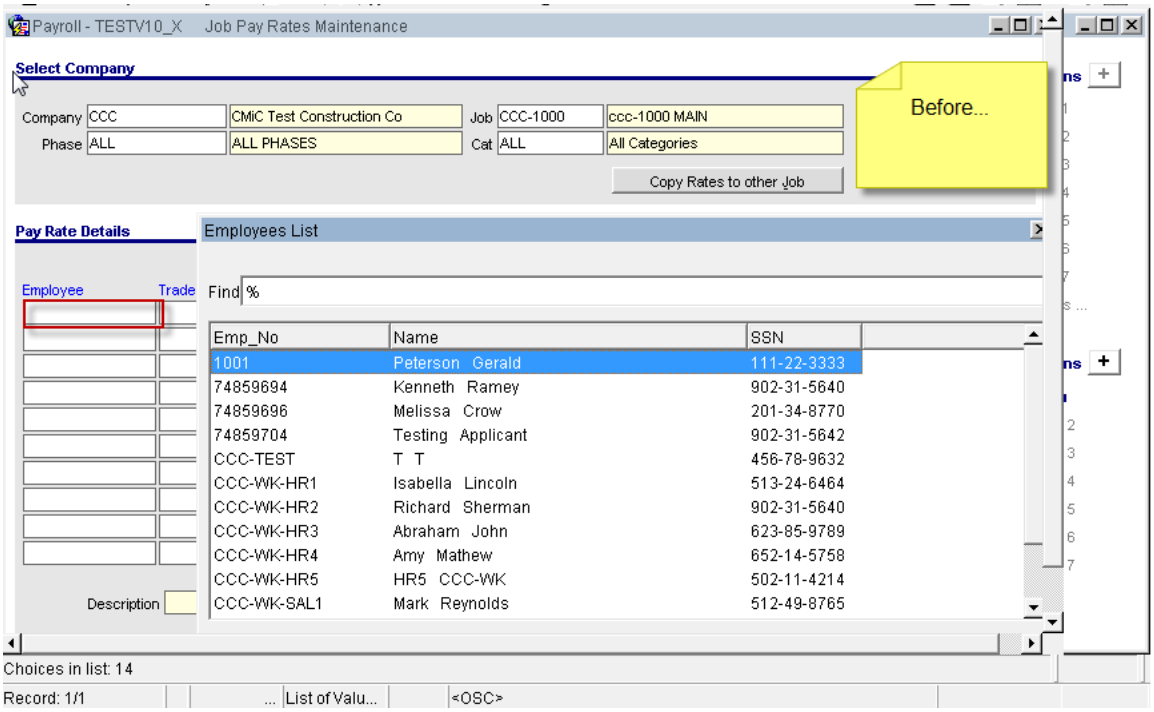


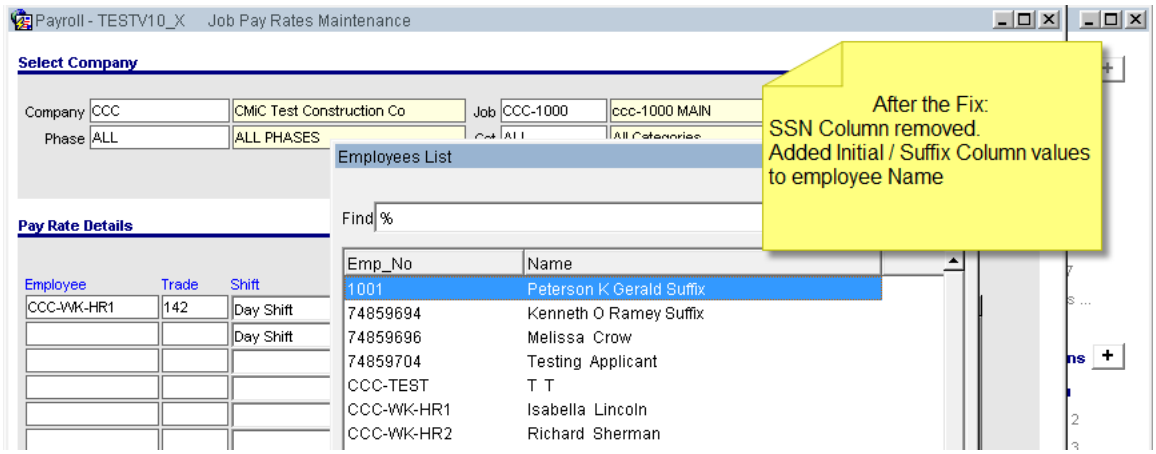


Job Rate Maintenance - SSN column removed in Employee LOV (14.89106)

The Job Pay Rate maintenance form is modified by removing the SSN column from the employee LOV, in order to allow access to other department users to use the 'job pay rates' screen and maintain charge and bill rates for employees.

Also, added are the employee initial and suffix column values, to avoiding any possible errors in employee selection.





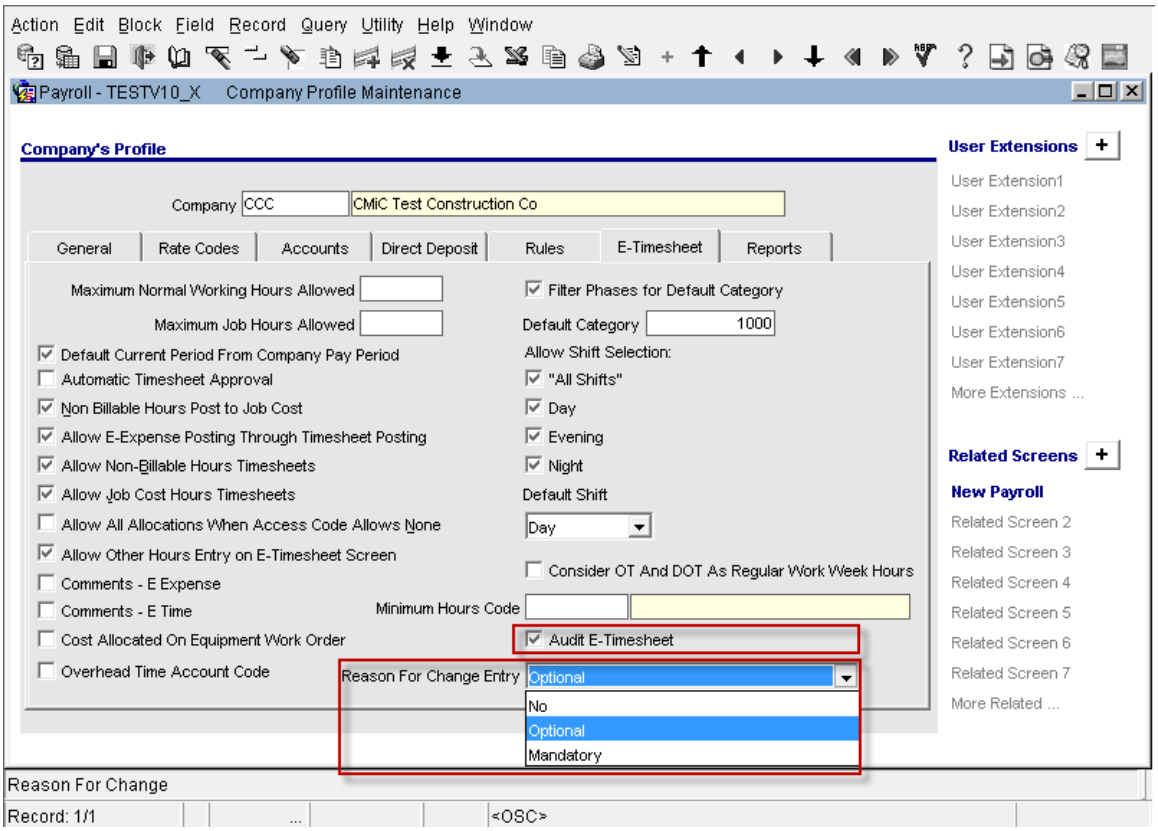
Addition of a new flag "Audit E-timesheet" to Company Control -> E-timesheet tab. (13.81353)

CMiC introduced a new flag on the Company Control screen -> E-timesheet tab called "Audit E-Timesheet". When this flag is checked, a new Audit table is created for storing all audit history for employee timesheet activities including updating, inserting and deleting timesheet by user and approver. The audit stores the E-timesheet user access code, action, date, time and comments.

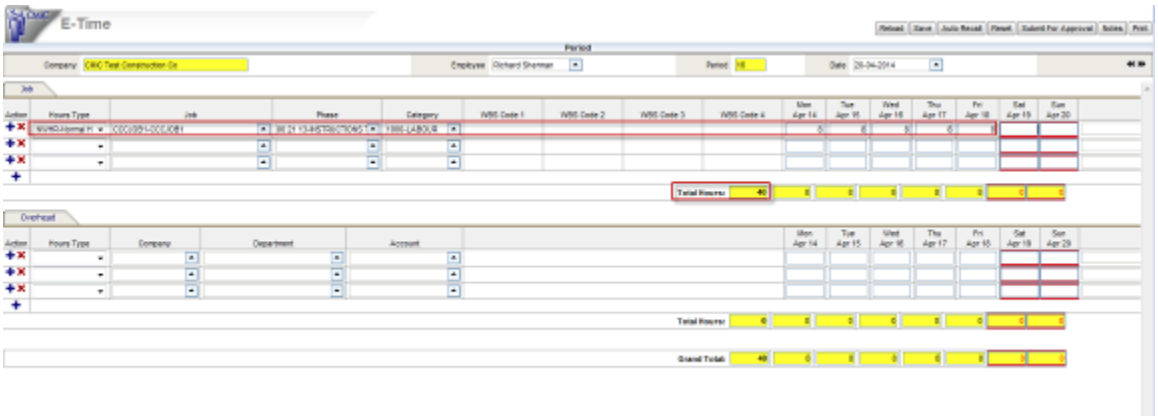
In addition, when this flag is checked, a drop down menu called "Reason for Change entry" is shown up with 3 options: No, Optional, Mandatory. This feature provides to user to make a comment mandatory or optional when updating, approving and un-approving the timesheet.

` **Example:**

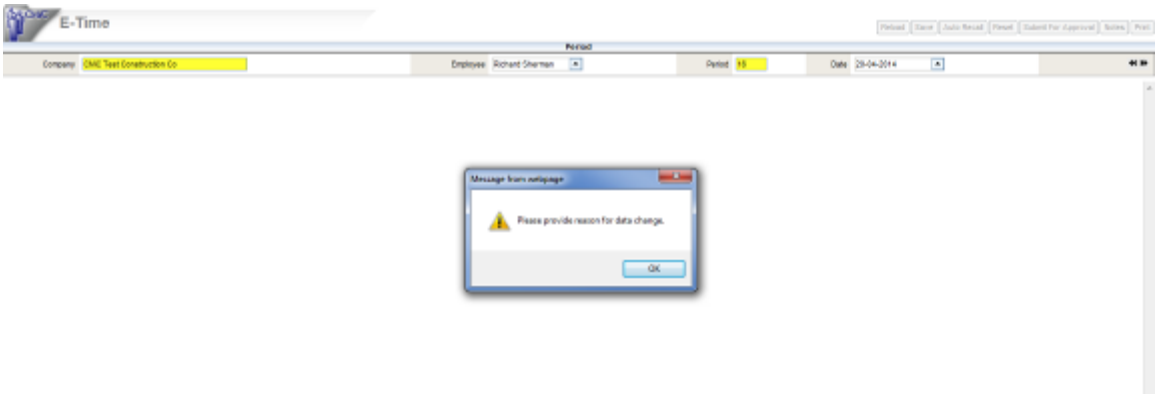
- The flag "Audit E-timesheet" is checked and the Reason for change "Mandatory" was selected. A new column called "Reason for change" is added to E-timesheet entry screen as a result.



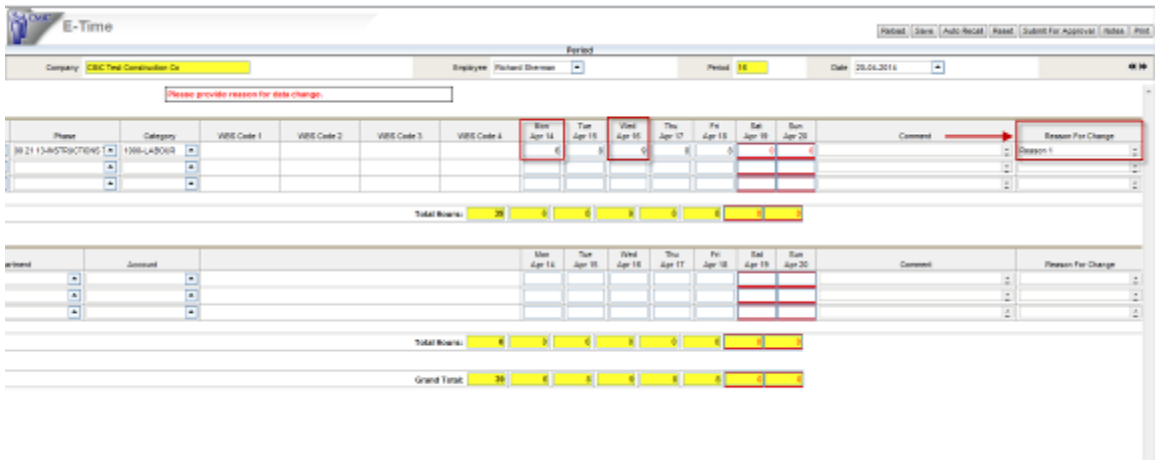
- Employee logged in to E-timesheet entry screen, entered 40 hours for period 16/2014 and clicked [**Save**] button.



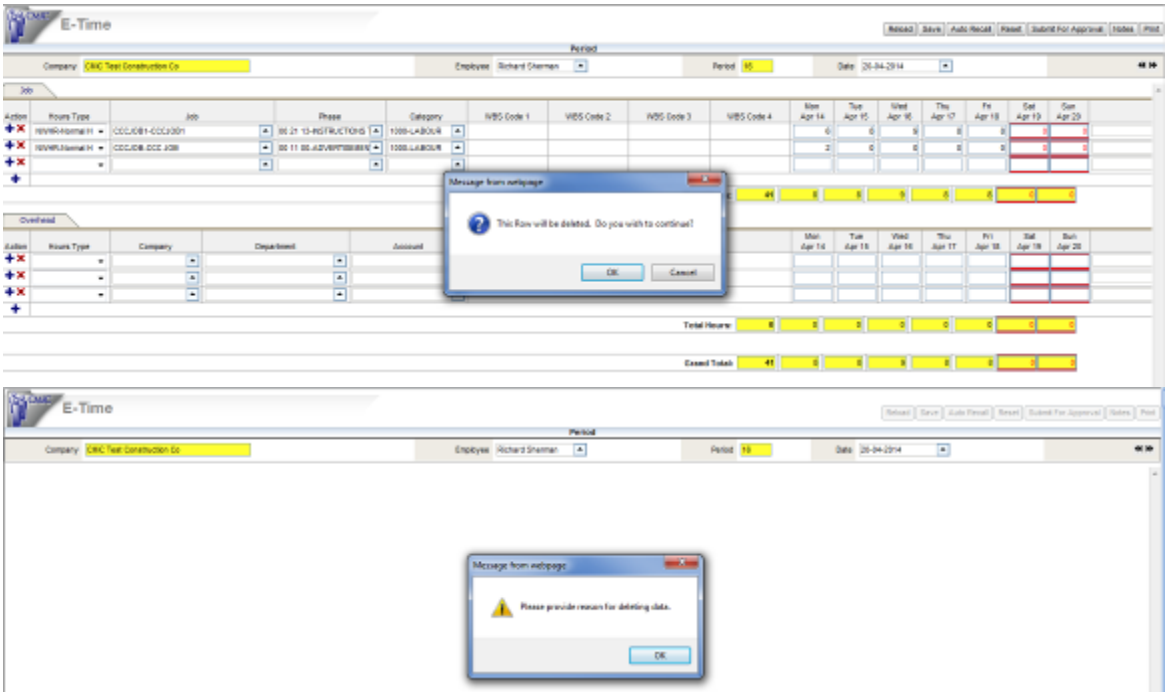
- Next, employee reduced his Monday hours from 8 to 6 and increased Wednesday hours from 8 to 9 and clicked [**Save**]. The pop up window showed up on the screen asking for providing Reason for data change.



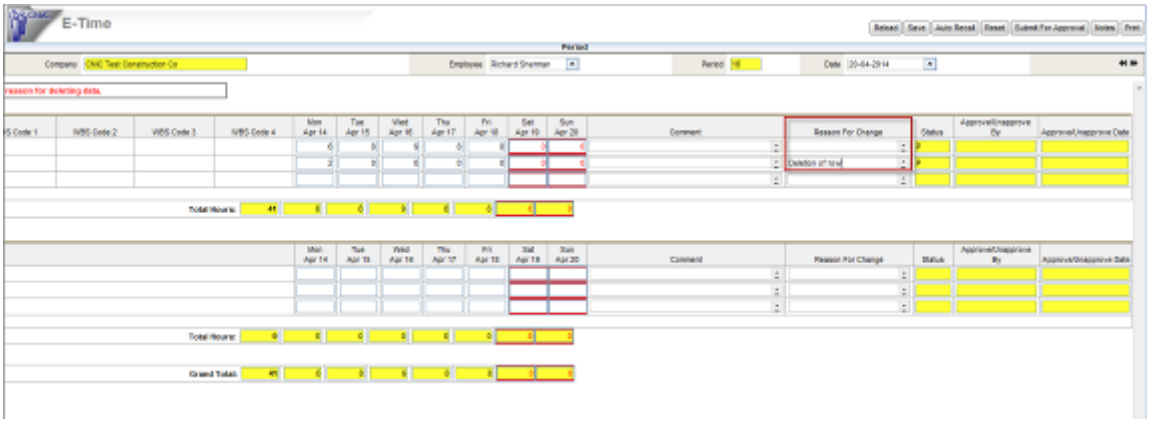
- The employee entered a reason in "Reason for Change" newly added to e-timesheet column.



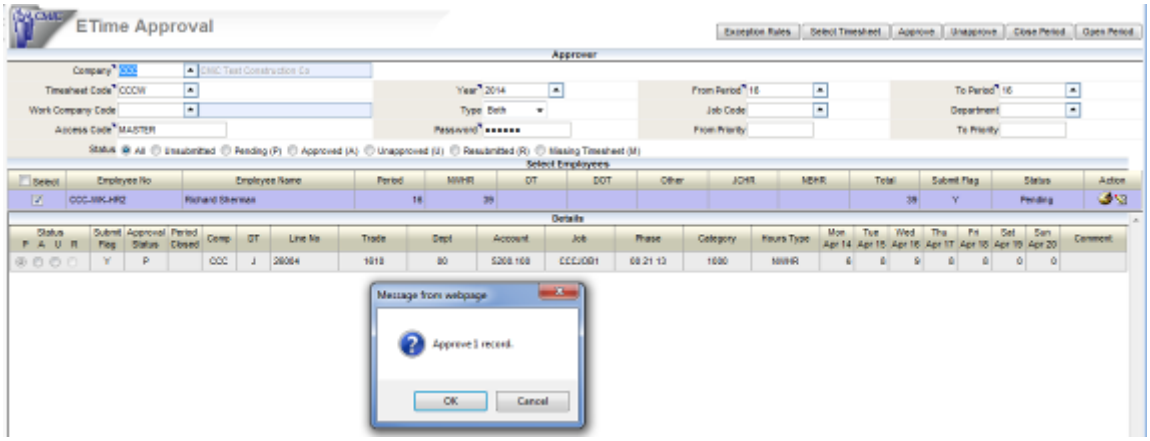
- Next, employee decided to add an additional hours against another job but then changed his mind and wanted to delete it. The system asked for Reason for deleting data.

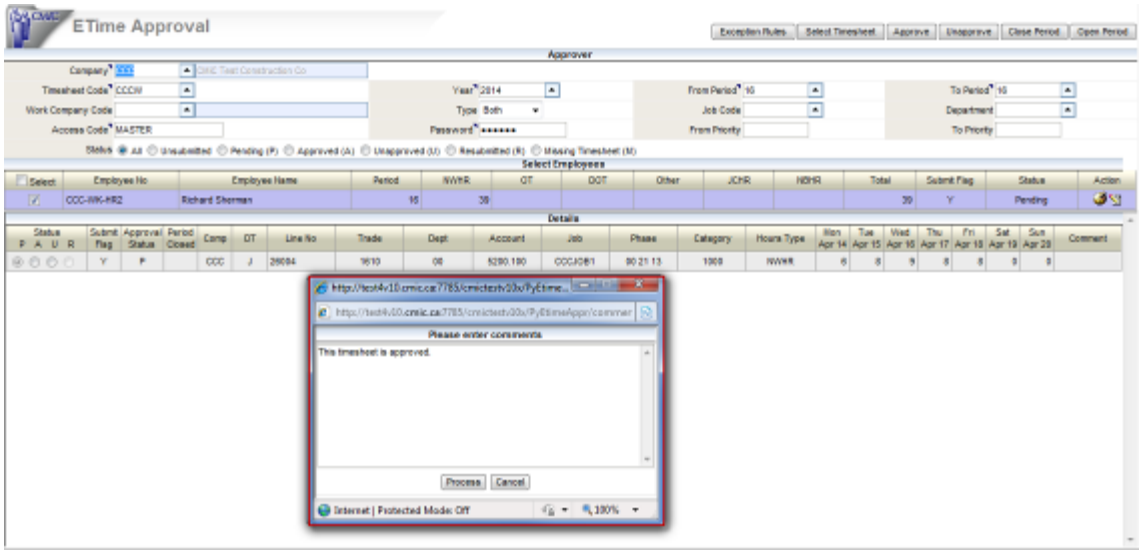


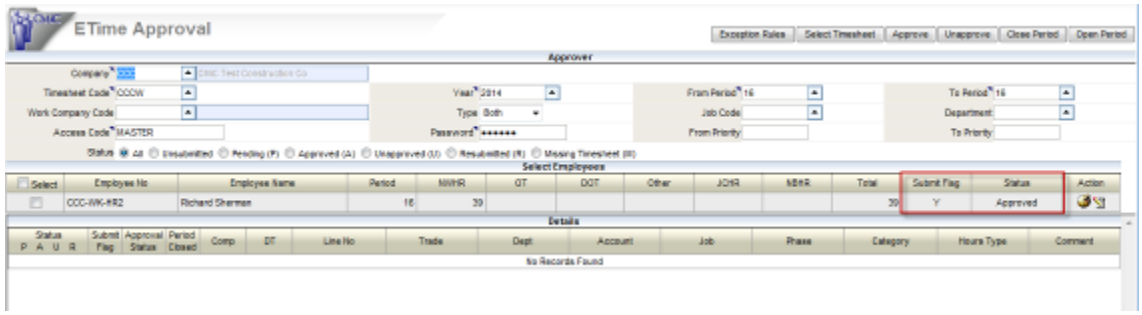
- After entering the Reason for Change, employee was able to delete this row.



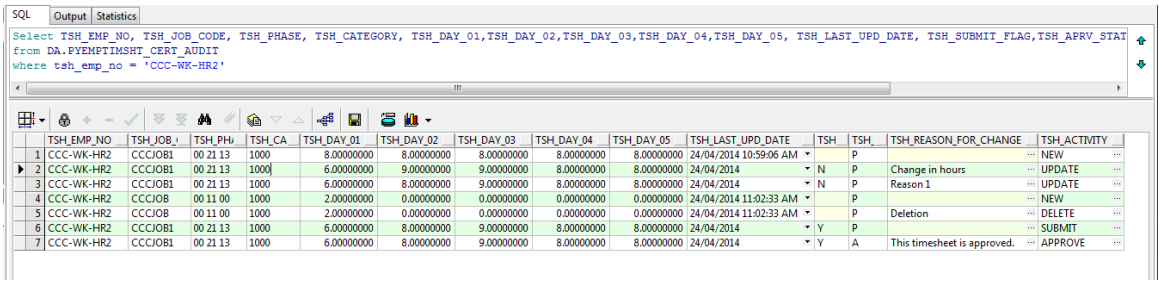
- In order to Approve or Un-Approve the timesheet, an approver has to enter Comments in pop up window and click [**Process**] button.







- An Audit of timesheet actions can be made by querying the table DA.PYEMPTIMSHT_CERT_AUDIT for specific employee or group of employees.



	TSH_EMP_NO	TSH_JOB_	TSH_PHA	TSH_CA	TSH_DAY_01	TSH_DAY_02	TSH_DAY_03	TSH_DAY_04	TSH_DAY_05	TSH_LAST_UPD_DATE	TSH	TSH_	TSH_REASON_FOR_CHANGE	TSH_ACTIVITY
1	CCC-WK-HR2	CCCJOB1	00 21 13	1000	8.00000000	8.00000000	8.00000000	8.00000000	8.00000000	24/04/2014 10:59:06 AM		P		NEW
2	CCC-WK-HR2	CCCJOB1	00 21 13	1000	6.00000000	9.00000000	9.00000000	8.00000000	8.00000000	24/04/2014	N	P	Change in hours	UPDATE
3	CCC-WK-HR2	CCCJOB1	00 21 13	1000	6.00000000	8.00000000	9.00000000	8.00000000	8.00000000	24/04/2014	N	P	Reason 1	UPDATE
4	CCC-WK-HR2	CCCJOB	00 11 00	1000	2.00000000	0.00000000	0.00000000	0.00000000	0.00000000	24/04/2014 11:02:33 AM		P		NEW
5	CCC-WK-HR2	CCCJOB	00 11 00	1000	2.00000000	0.00000000	0.00000000	0.00000000	0.00000000	24/04/2014 11:02:33 AM		P	Deletion	DELETE
6	CCC-WK-HR2	CCCJOB1	00 21 13	1000	6.00000000	8.00000000	9.00000000	8.00000000	8.00000000	24/04/2014	Y	P		SUBMIT
7	CCC-WK-HR2	CCCJOB1	00 21 13	1000	6.00000000	8.00000000	9.00000000	8.00000000	8.00000000	24/04/2014	Y	A	This timesheet is approved.	APPROVE

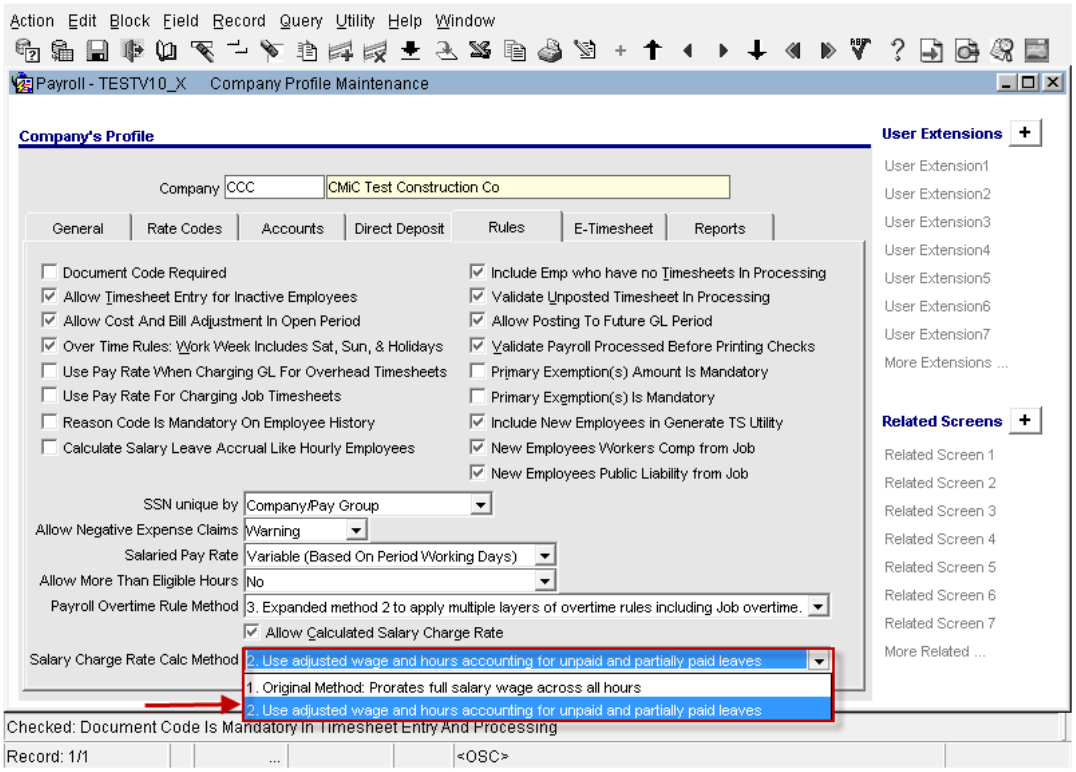
Addition of a new method of Re-calculate Salary Charge Rate functionality (13.83021)

CMiC added a new method of Re-calculate Salary Charge Rate functionality to consider the unpaid leave hours in order to calculate period salary. The charge rate will be calculated based on the total hours paid for the period rather than based on full period hours.

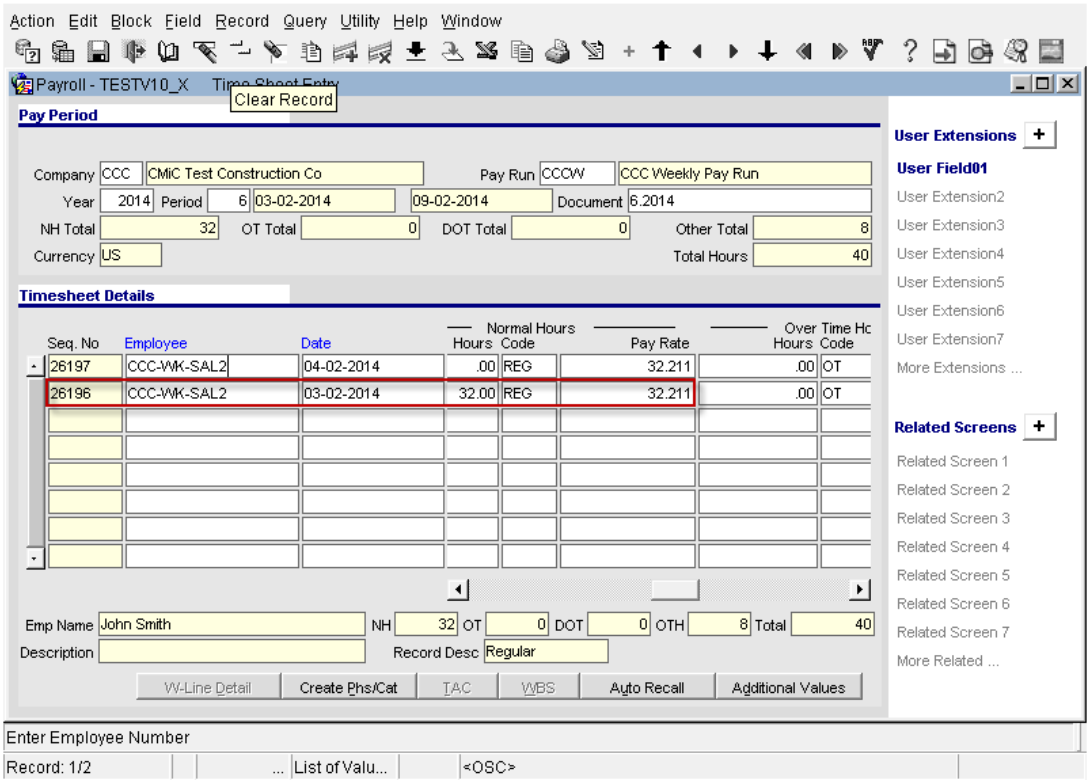
A new field "Salary Charge Rate Calc Method" is added to Company Control screen under Rules tab with 2 options: Method#1 (an original method) and Method#2 (a new method).

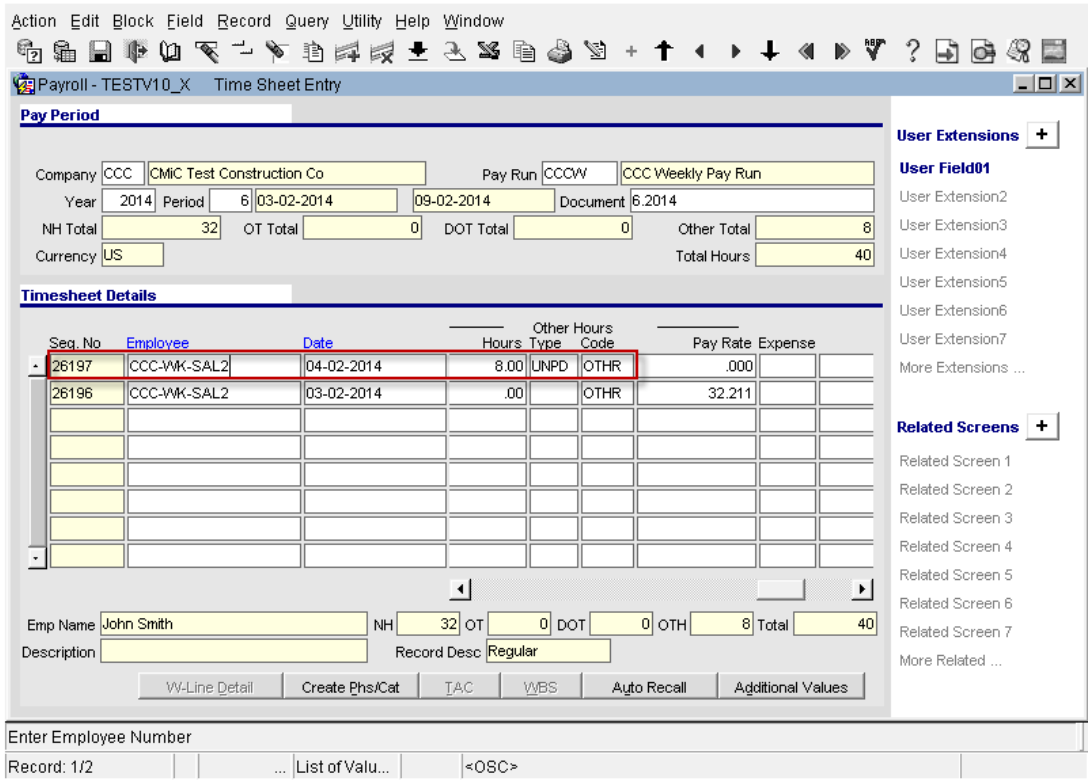
Modifications:

- Select Method #2 in "Salary Charge Rate Calc Method" drop down menu in Company Control->Rules tab

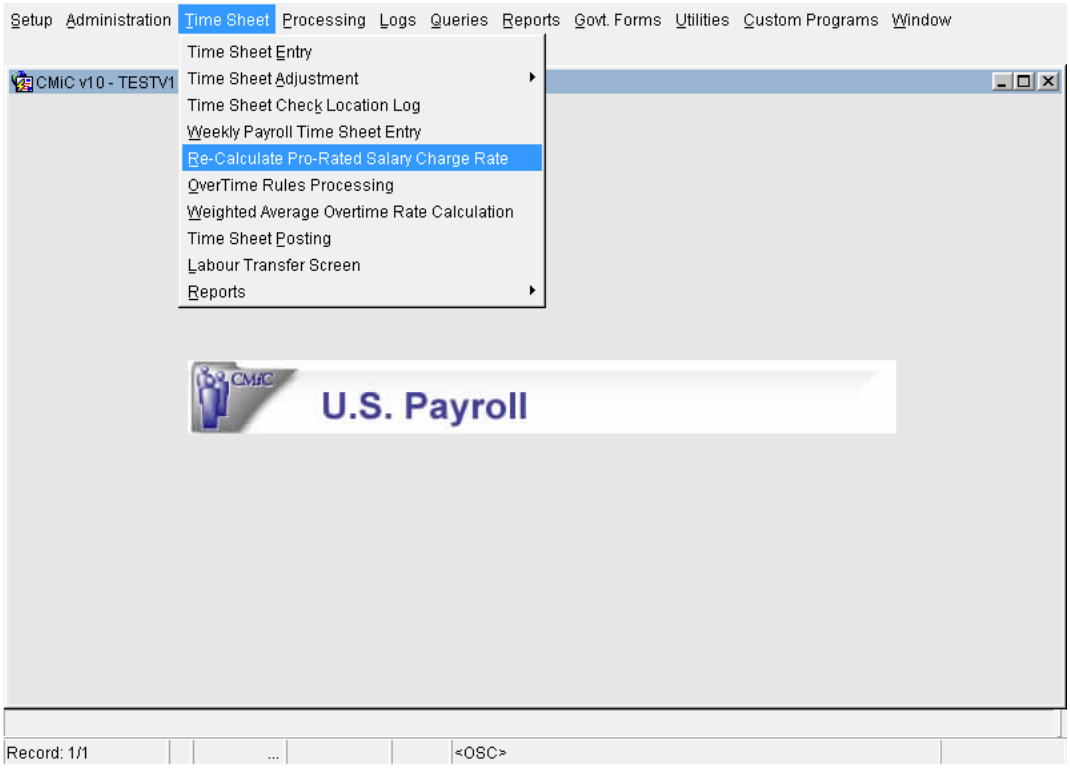


- In the Timesheet Entry screen, enter 32 normal hours and 8 Unpaid Leave hours for Salaried Employee.

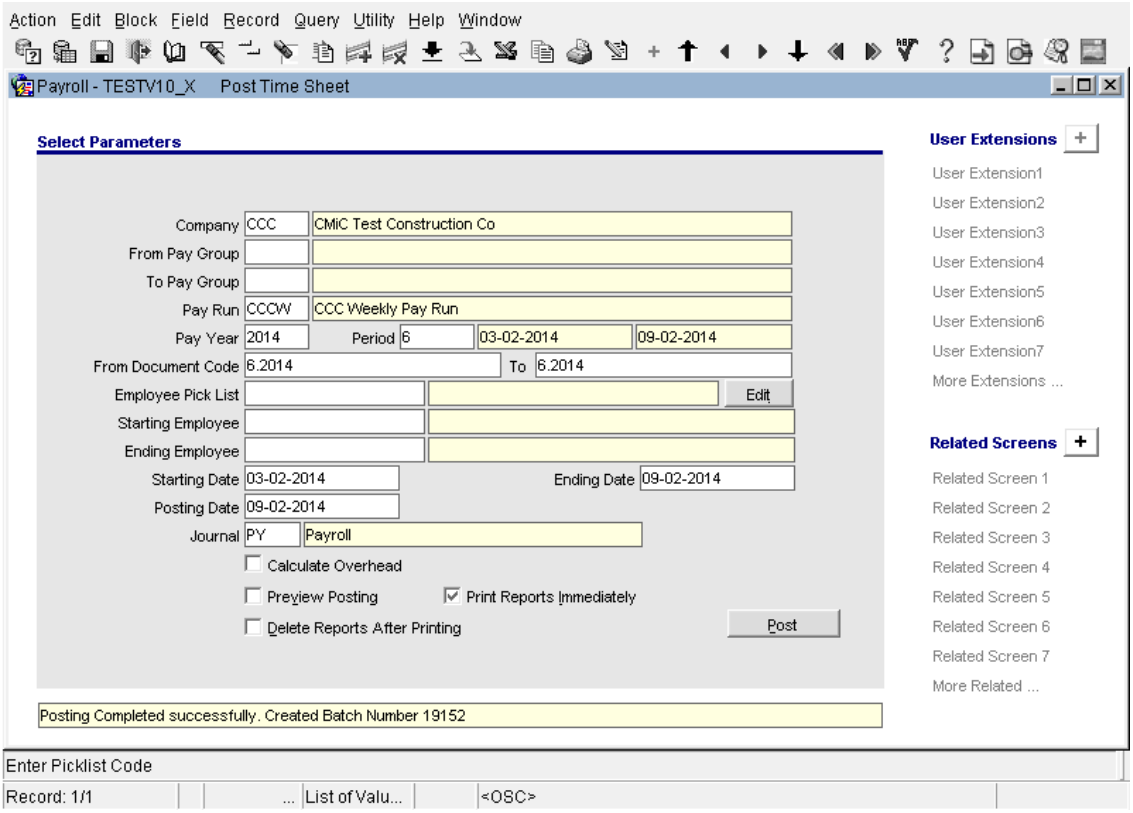




- Open Re-Calculate Pro-Rated Salary Charge Rate screen and run the "Calculate Pro-Rated Salary Charge Rate" function.



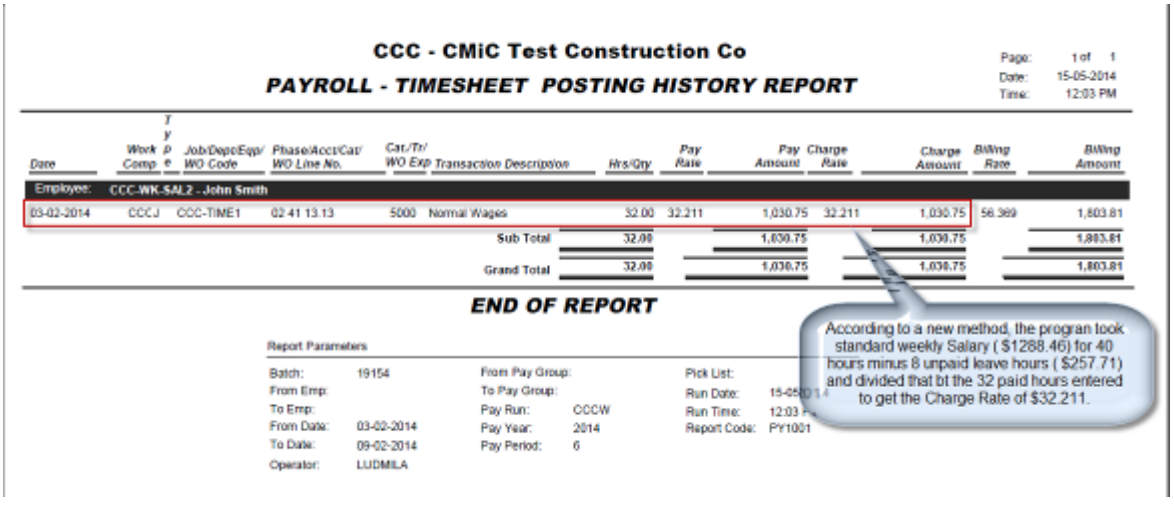
- Post a timesheet for period 6/2014 and print reports.



- Under method 2 (new method), the program will determine the actual pay for the week (ie. Standard weekly salary less the unpaid leave) and divide that by the paid hours entered(ie. In above example it would just be the Mon-Thurs normal hours worked) to get the Hourly charge rate for paid hours.

  You would see a charge of 32 hours * charge rate going to job 1 (timesheet posting).

  And NO charge going to job2 since its unpaid leave…unpaid leave will not be charge to jobs.



CCC - CMiC Test Construction Co

JOB COSTING - JC POSTING REPORT

Page: 1 of 1
Date: 15-05-2014
Time: 12:03 PM

Co	T	Dept	Account	Job	Phase	Cat	Source Code	Reference Code	Ref Date	Post Date	Batch	Src	PO/SC	WH	Quantity	Amount
CCC	C	00	5200.100	CCC-TIME1	02.41.13.13	5000	CCC-WK-BAL: CCCW CCCW20140		09-02-2014	01-05-2014	19154	PY		LB	32.00	1,030.75
															Total for Job CCC TIME 1	1,030.75
															Total for Company CCC	1,030.75
															Total for Currency US	1,030.75

Job Cost amount is calculated by multiplying the Charge Rate ($32.211) to 32 Paid Hours

END OF REPORT

Report Parameters

Batch Number:	19154	Run Date:	15-05-2014
Report Code:	JC705	Run Time:	12:03 PM
Posted with Overheads:	Y	Operator:	LUDMILA

CCC - CMiC Test Construction Co

GENERAL LEDGER SUMMARY POSTING REPORT

Page: 1 of 1
Date: 15-05-2014
Time: 12:07 PM

Dept	Account	Account Name	Post Date	Source	Reference	Debit Amount	Credit Amount	Excng Amount	Curr	Rate
Company CCC CMiC Test Construction Co				Currency US						
00	5200.100	Job Cost Expenses	01-05-2014	TSCCCW 2014 6 CCC CCCW		1,030.75	0.00	1,030.75	US	1.0000
00	6900.101	Payroll Clearing (CR)	01-05-2014	TSCCCW 2014 6 CCC CCCW		0.00	1,030.75	-1,030.75	US	1.0000
					Total for Company CCC	1,030.75	1,030.75	Balance	0.00	
					Total for Currency US	1,030.75	1,030.75	Balance	0.00	
							Total Batch Balance	0.00		

END OF REPORT

Report Parameters

Batch:	19154	Run Date:	15-05-2014
Report Code:	GLPOST	Run Time:	12:07 PM
		Operator:	LUDMILA

- Print a check, run Payroll Posting and Print Reports.

Converting 'W' lines to 'J' lines during Time Sheet Posting (14.89490)

(Additional modification to Issue 13.78702)

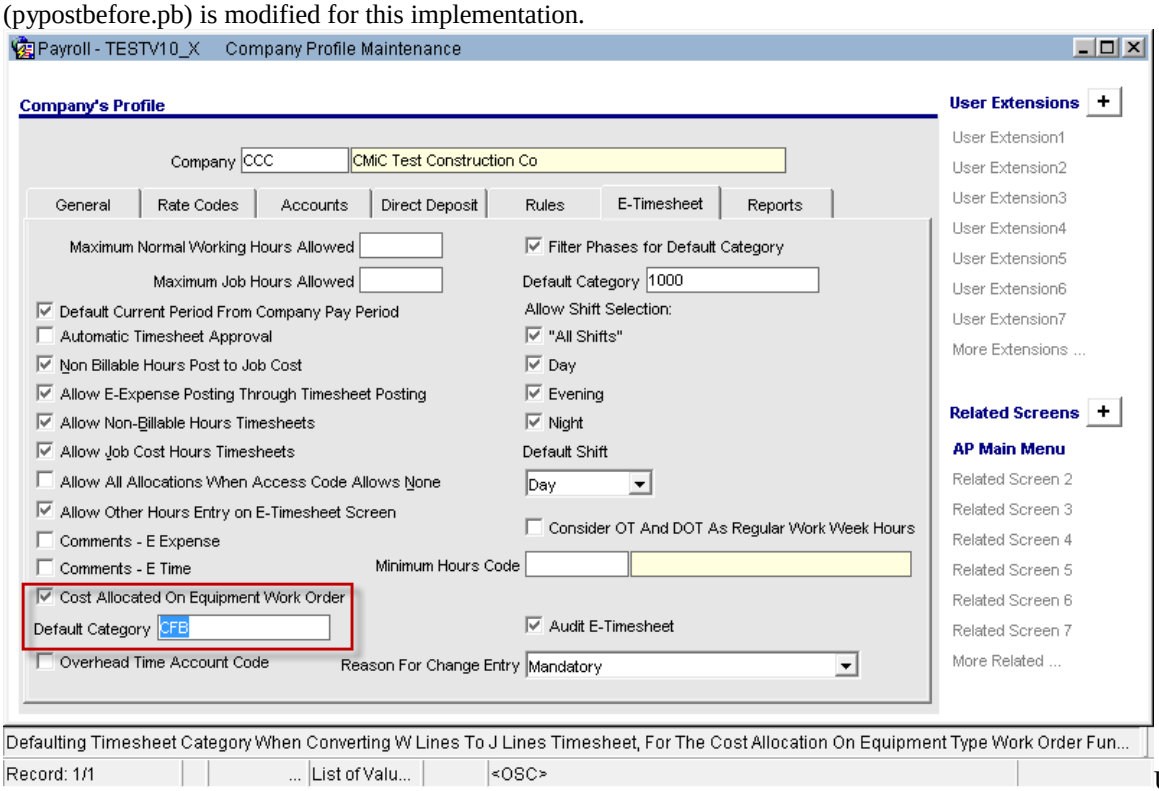
Overview:

Programming changes that, when converting a 'W' line to a 'J' line during timesheet posting, always force a job category that is specified for the purpose of posting labor charges in payroll company control, instead of taking the category that comes from the '**Charge Job**' section of a Work Item.

Modifications:

A new field '**Cost Allocated On Equipment Work Order**' is added to the Payroll Company Control form. The default value is un-checked. When checked, a 'Default category' field is available below the new checkbox and users may enter or select a valid category code from the LOV.

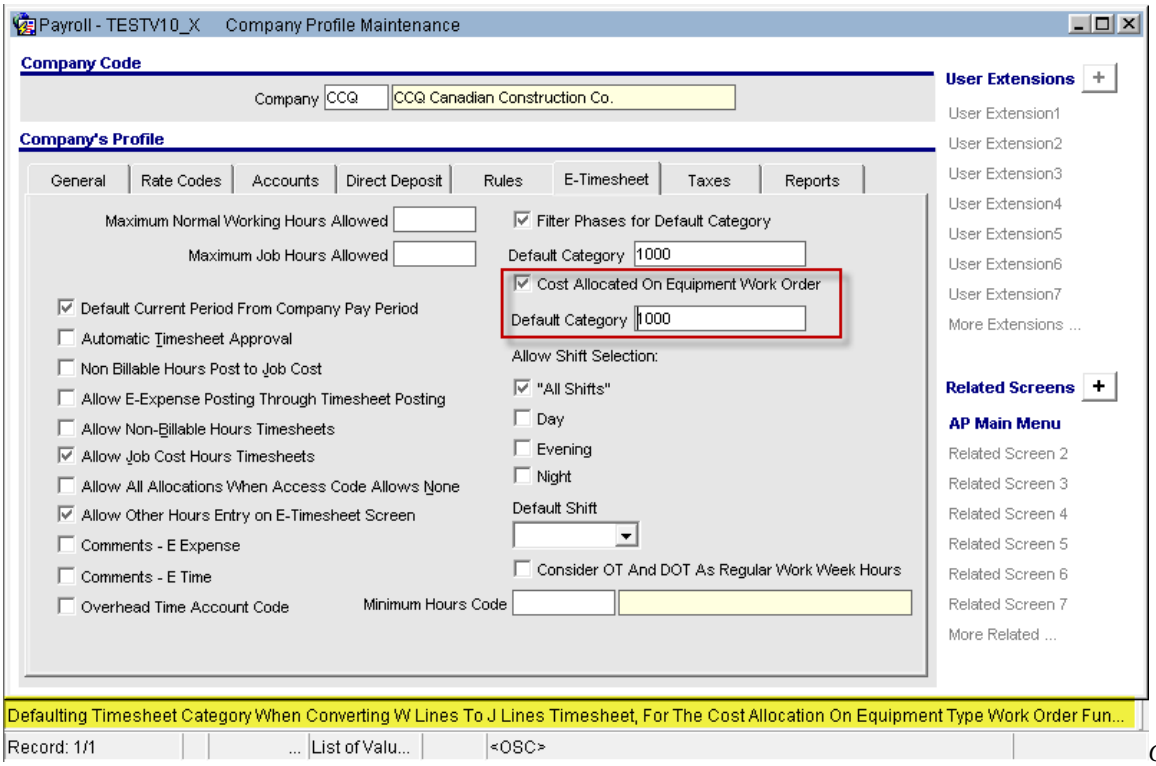
This job category will replace the category that comes from the category field in 'Charge Job' section when converting 'W' lines into 'J' lines during the payroll timesheet posting. The appropriate package (pypostbefore.pb) is modified for this implementation.



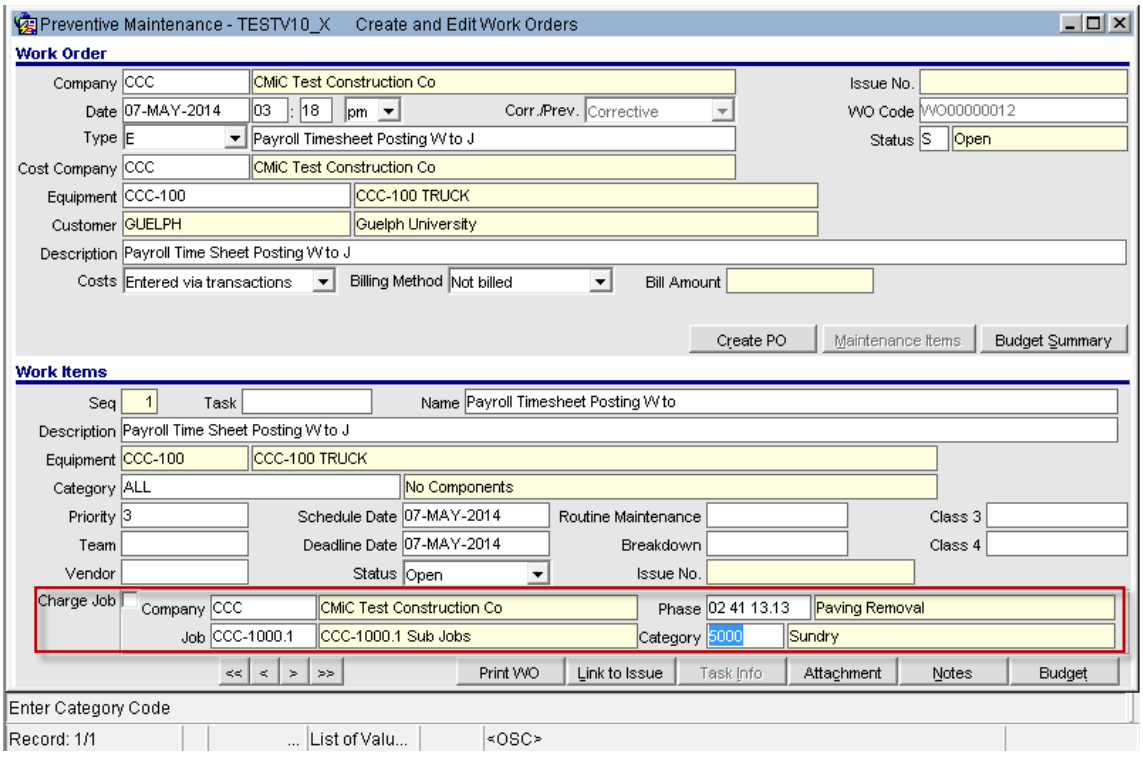
US Payroll > Company Control >pycompro.fmx

The US Payroll Control File shown above is set with the new flag as 'Y' and the default category as 'CFB' for Company 'CCC'. This will be the category used regardless of the Work item 'Charge Job' category during time sheet posting.

The Canadian Payroll is modified as well similar to the US Payroll modification

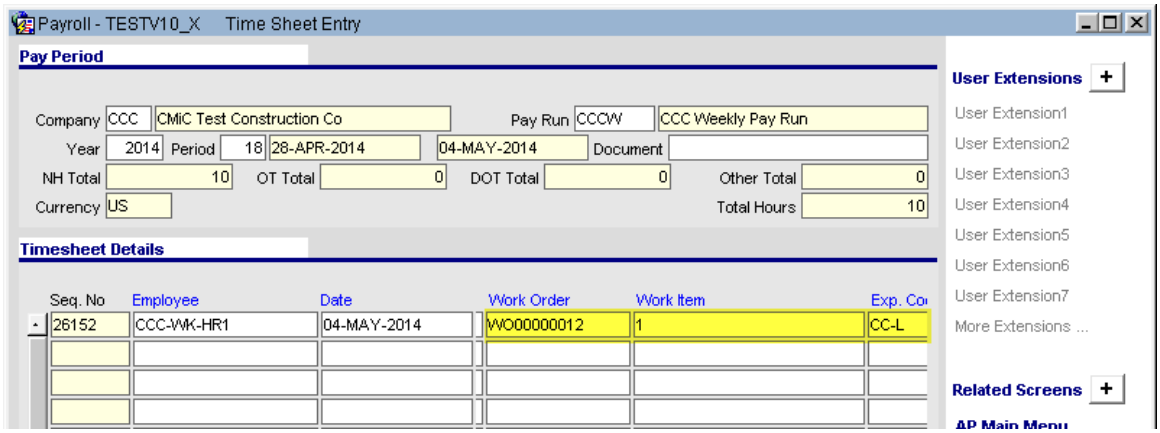


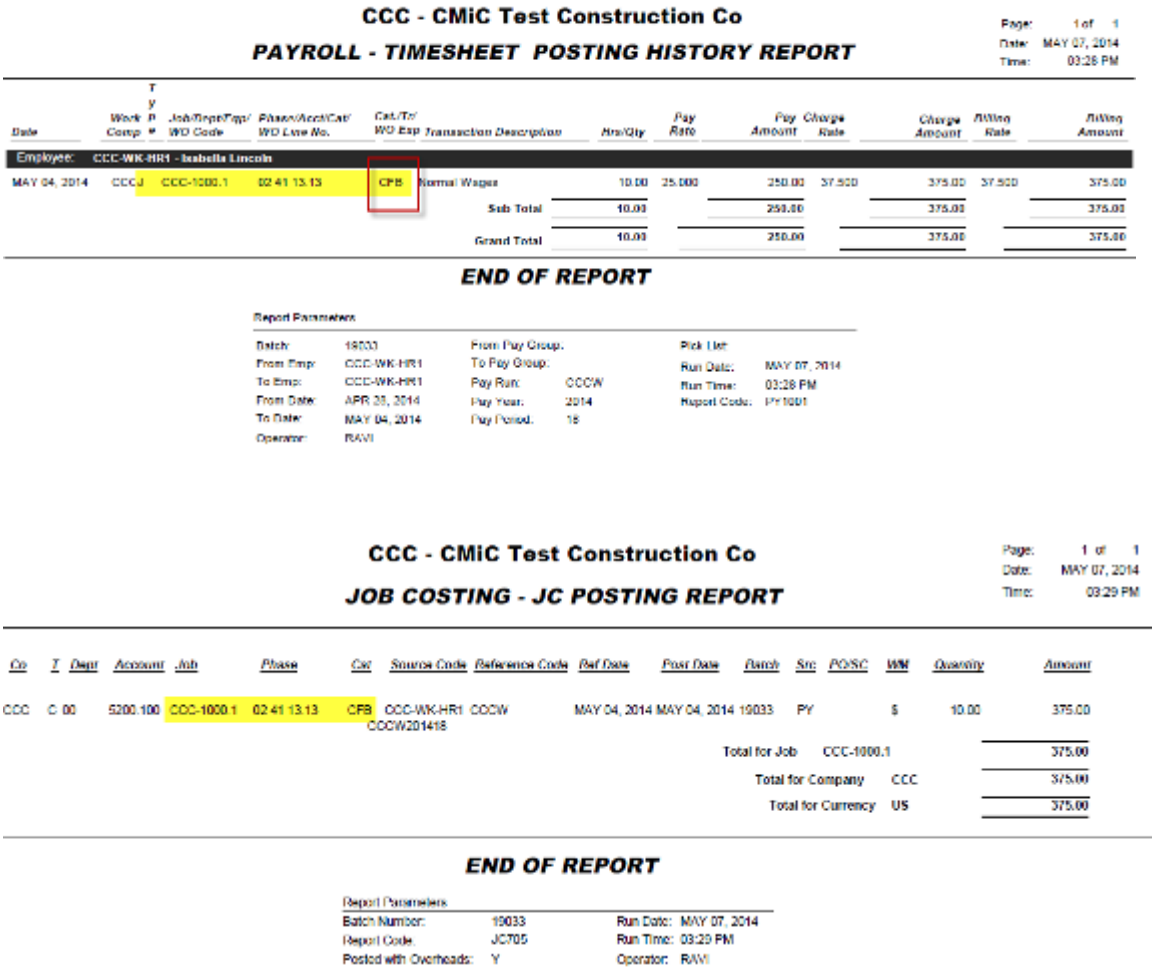
Canadian Payroll > Company Control >pycomroc.fmx



Preventive Maintenance > Enter/Edit Work Orders (prmwoen2.fmx)

The above screen shows the work order is of 'E' type and the Charge Job Section has the Category '5000'. This category will be replaced with the payroll company control category of 'CFB' during timesheet posting as demonstrated in the following example.





The Payroll Timesheet posting report and the corresponding JC transaction report shows that the 'Category' set in the Control file is used replacing the work item 'Charge job Category' during the posting.

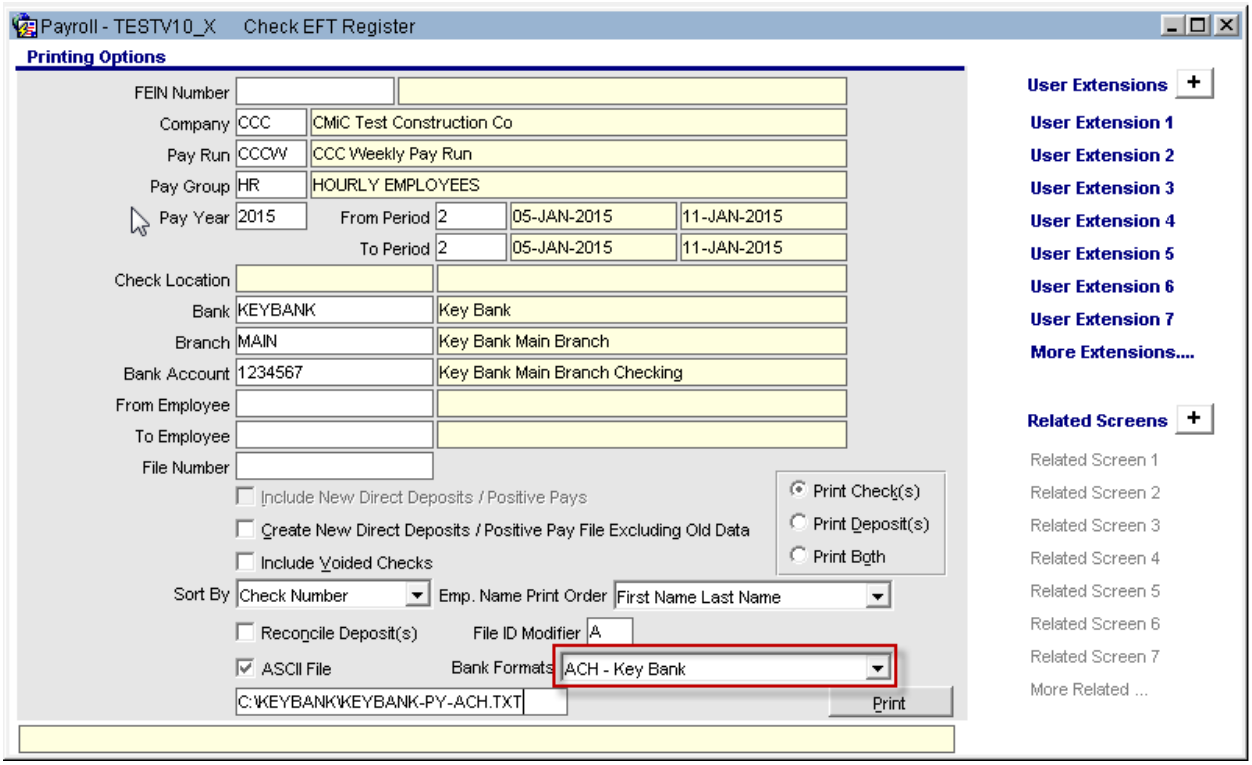
Royal Bank of Canada - ACH format modifications (14.92347)

The Payroll Check/EFT Register and AP Check Printing programs are modified to change the naming convention for the files that will be created for Royal Bank - ACH in AP and STD152 -For Royal Bank in Payroll.

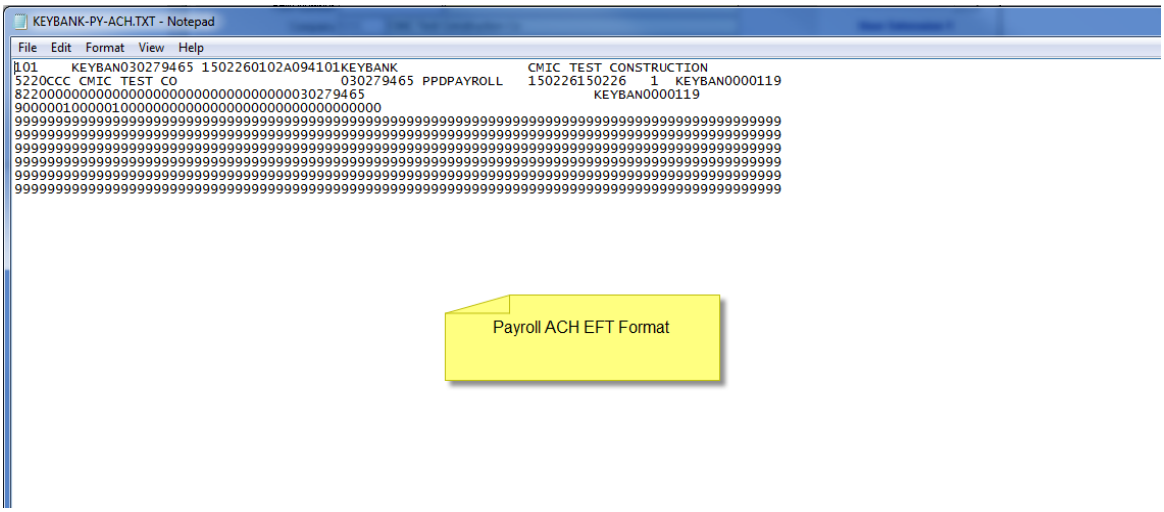
See Accounts Payable section of this document, for more details.

Key Bank - ACH & Positive Pay File Formats (15.00931)

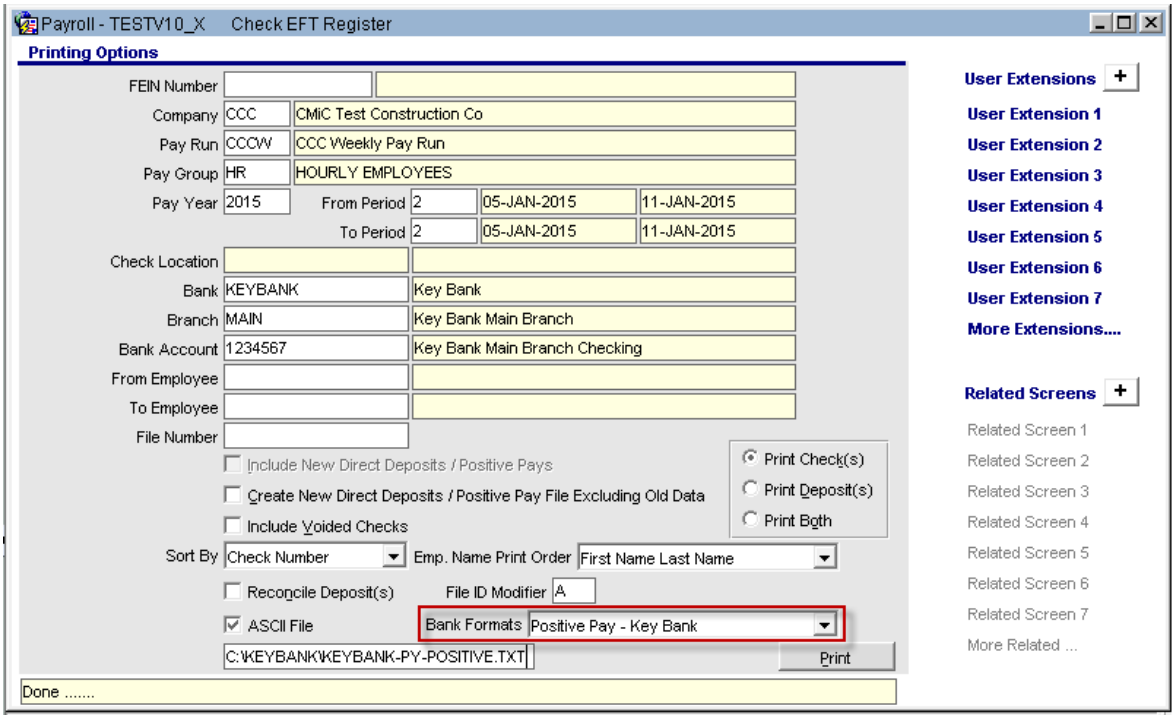
Payroll ACH File:



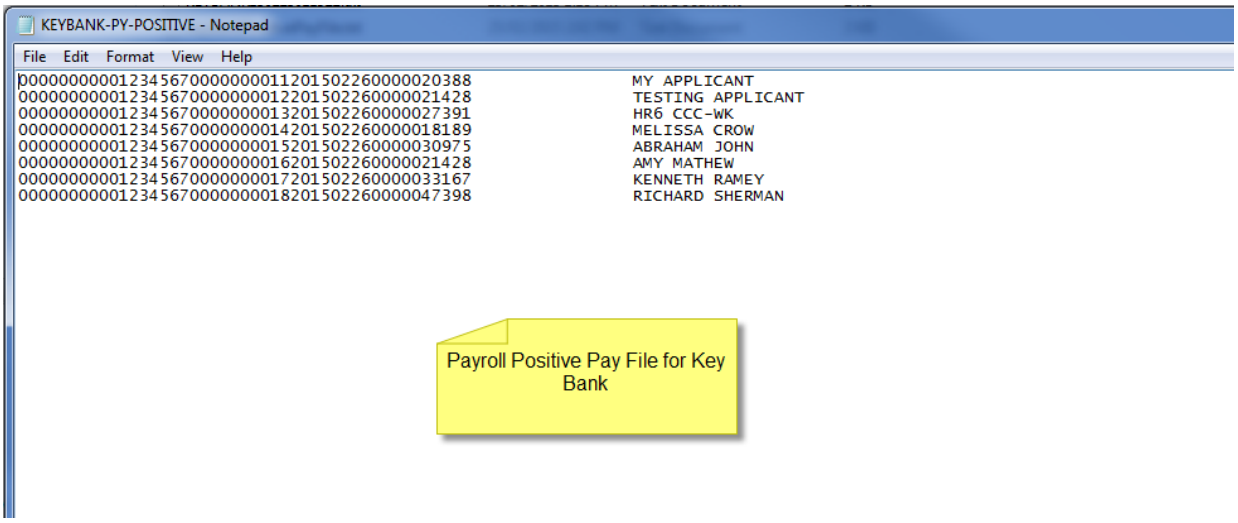
The Check EFT Register form (py1081.fmx) in payroll now has ACH - Key Bank format and users may provide the file name and path to generate an output file.



Payroll Positive Pay File:



The Check EFT Register form (py1081.fmx also has Positive Pay - Key Bank format and users may provide the file name and path to generate an output file as shown below.



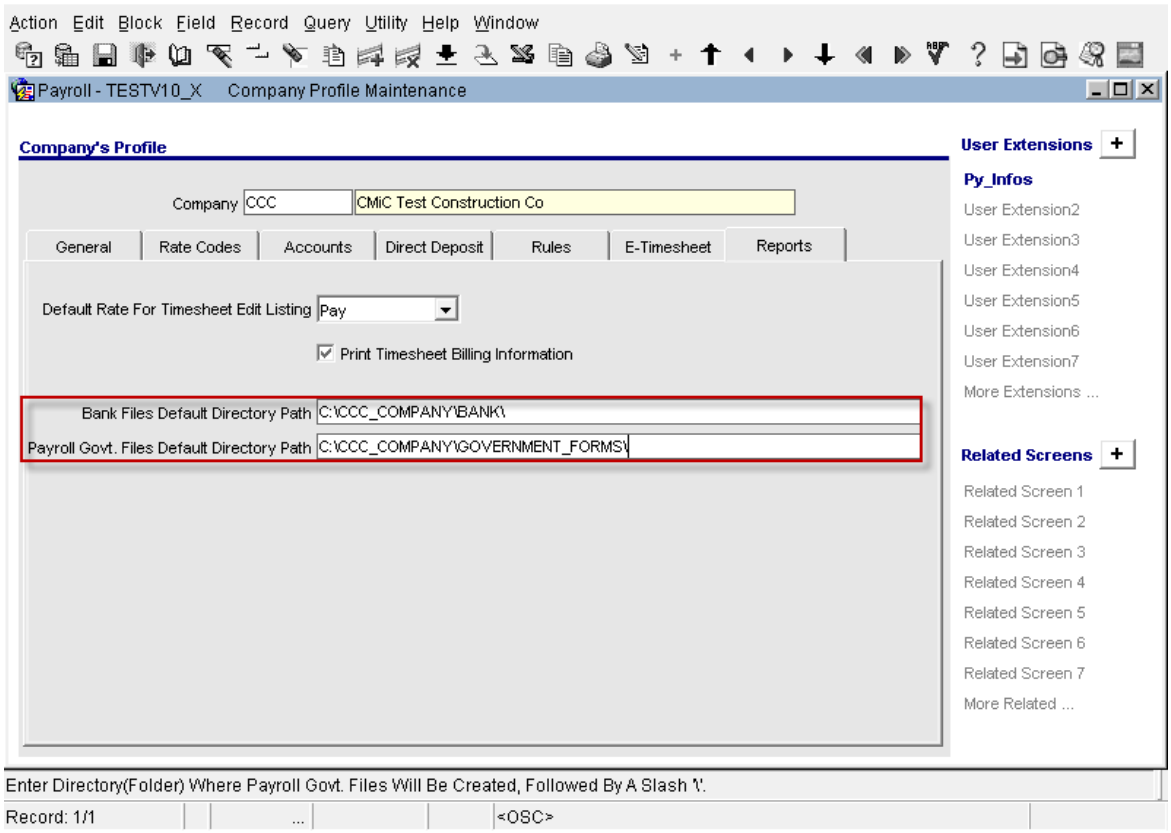
The above files follow the specifications provided.

Added an option to setup default path for Bank files and Government Report files.(14.95217)

CMiC added two fields under Company Control > Reports Tab. The new fields are called as follows: "Bank Files Directory Default Path" and "Payroll Government Files Default Directory Path". Both fields are 1000 characters long to allow users to setup long network paths. All forms under Government Forms menu will be modified to default a path from "Payroll Government Files Default Directory Path".

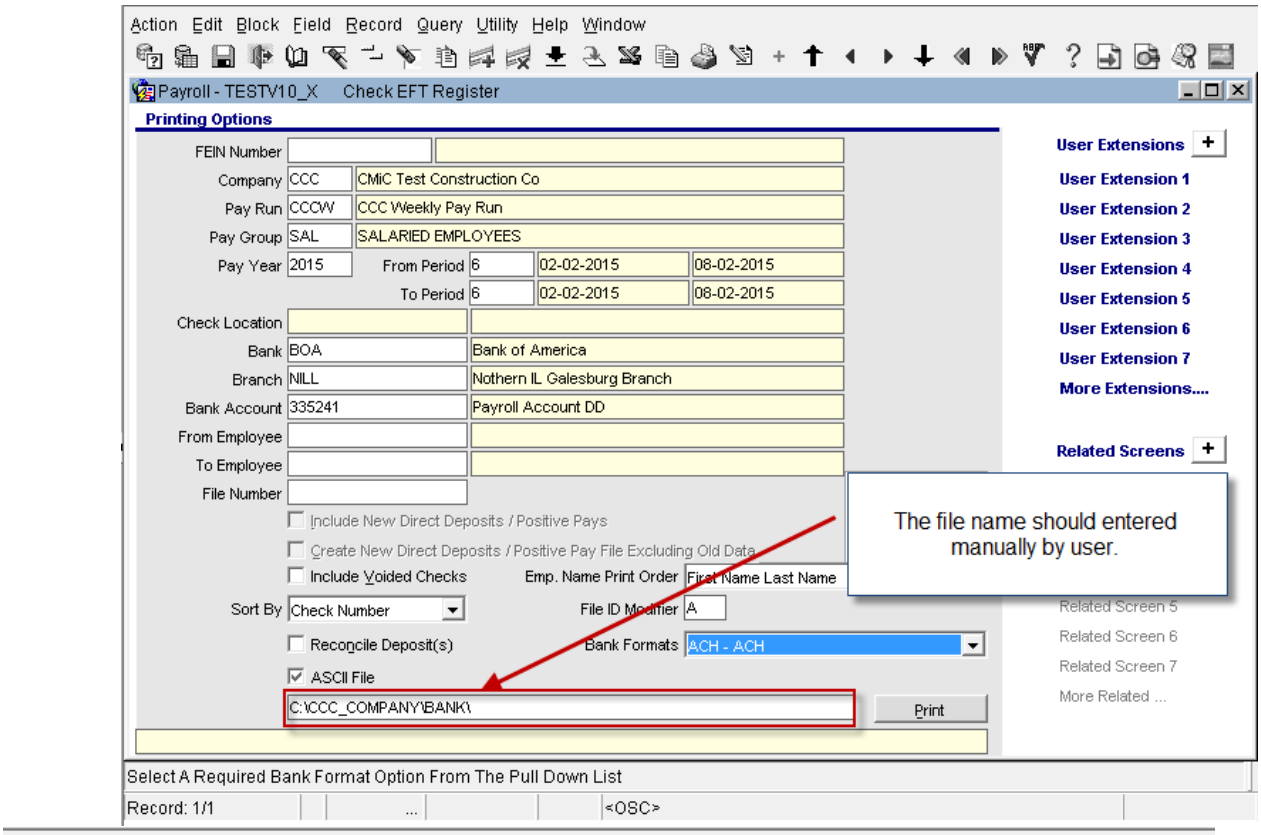
Modifications:

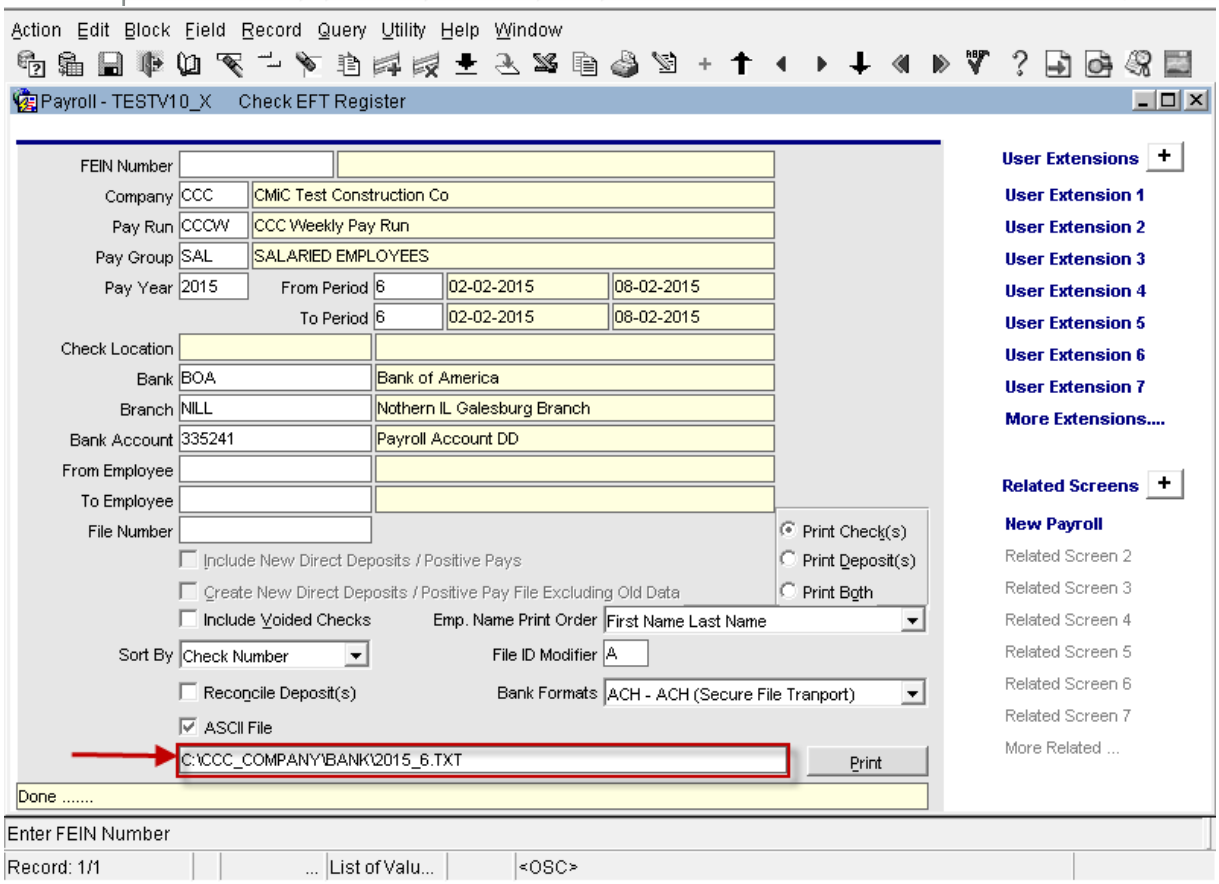
On the Company Control -> Reports tab -> enter a path for Bank and Government files.



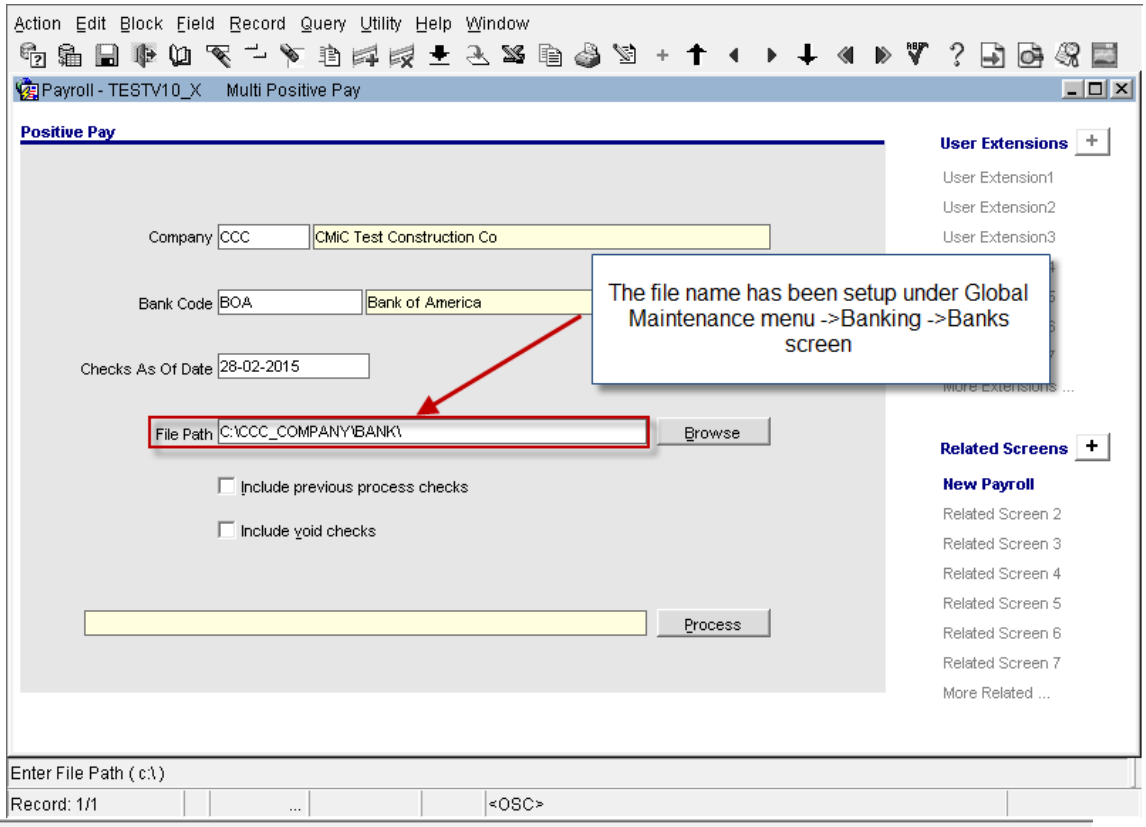
Bank Forms:

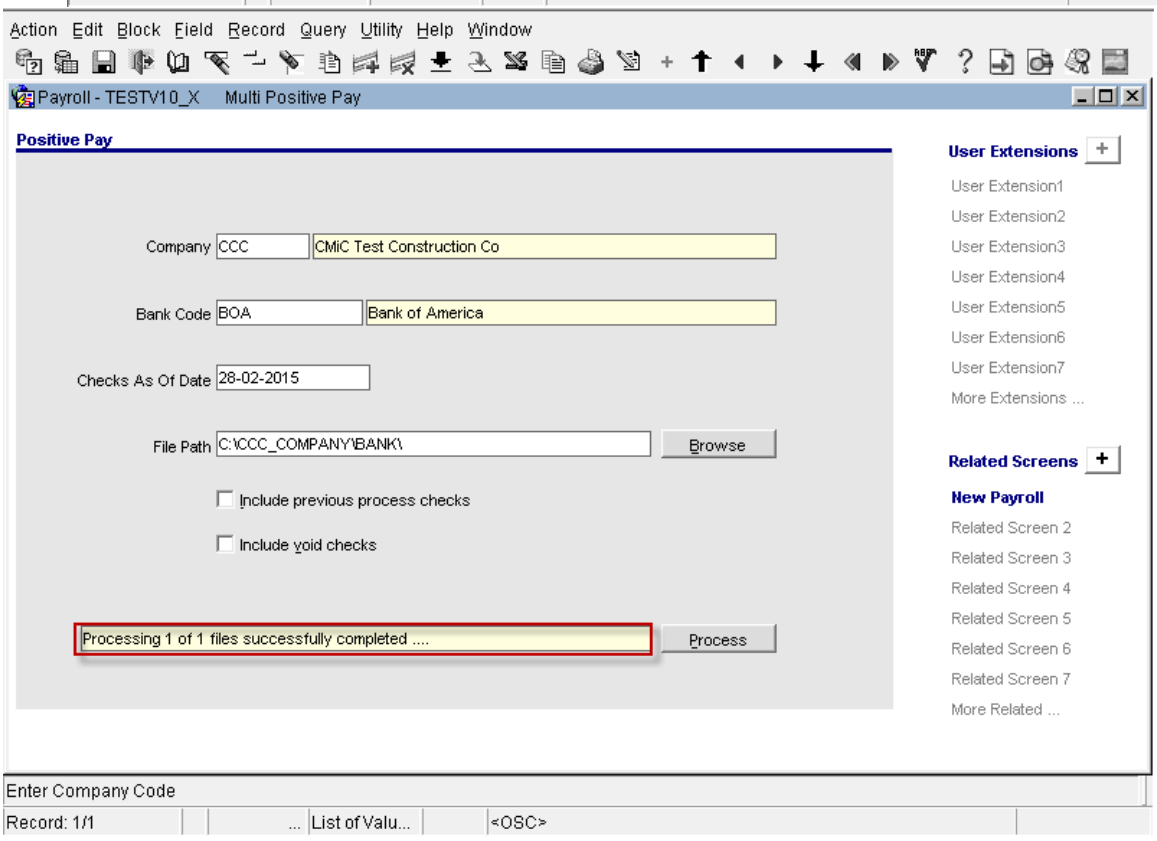
- Check/EFT Register :

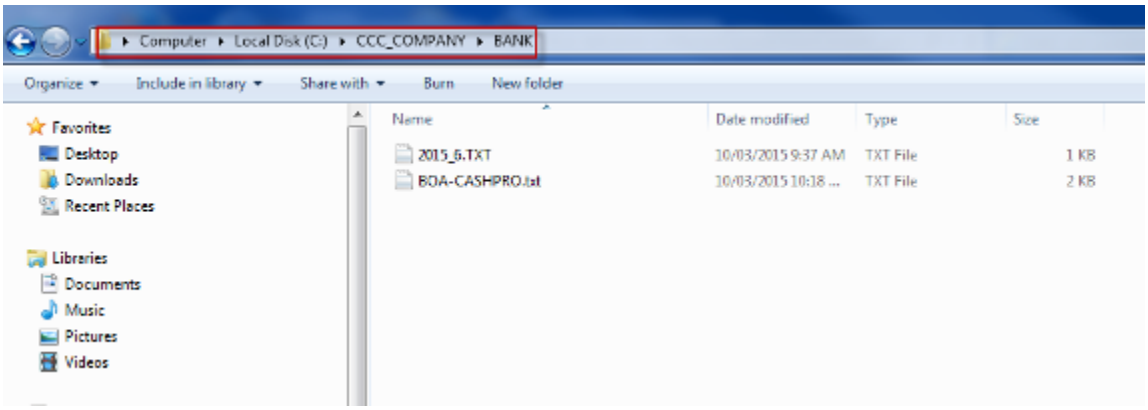

Action Edit Block Field Record Query Utility Help Window
Payroll - TESTV10_X Check EFT Register
Printing Options
FEIN Number
Company CCC CMiC Test Construction Co
Pay Run CCCW CCC Weekly Pay Run
Pay Group SAL SALARIED EMPLOYEES
Pay Year 2015 From Period 6 02-02-2015 08-02-2015
To Period 6 02-02-2015 08-02-2015
Check Location
Bank BOA Bank of America
Branch NILL Nothern IL Galesburg Branch
Bank Account 335241 Payroll Account DD
From Employee
To Employee
File Number
Include New Direct Deposits / Positive Pays
Create New Direct Deposits / Positive Pay File Excluding Old Data
Include Voided Checks
Emp. Name Print Order First Name Last Name
Sort By Check Number
File ID Modifier A
Reconcile Deposit(s)
Bank Formats ACH - ACH
ASCII File
C:\CCC_COMPANY\BANK\
Print
User Extensions
User Extension 1
User Extension 2
User Extension 3
User Extension 4
User Extension 5
User Extension 6
User Extension 7
More Extensions....
Related Screens
Related Screen 5
Related Screen 6
Related Screen 7
More Related ...
The file name should entered manually by user.
Select A Required Bank Format Option From The Pull Down List
Record: 1/1
<OSC>


Action Edit Block Field Record Query Utility Help Window
Payroll - TESTV10_X Check EFT Register
FEIN Number
Company CCC CMiC Test Construction Co
Pay Run CCCW CCC Weekly Pay Run
Pay Group SAL SALARIED EMPLOYEES
Pay Year 2015 From Period 6 02-02-2015 08-02-2015
To Period 6 02-02-2015 08-02-2015
Check Location
Bank BOA Bank of America
Branch NILL Nothern IL Galesburg Branch
Bank Account 335241 Payroll Account DD
From Employee
To Employee
File Number
Print Check(s)
Print Deposit(s)
Print Both
Include New Direct Deposits / Positive Pays
Create New Direct Deposits / Positive Pay File Excluding Old Data
Include Voided Checks
Emp. Name Print Order First Name Last Name
Sort By Check Number
File ID Modifier A
Reconcile Deposit(s)
Bank Formats ACH - ACH (Secure File Tranport)
ASCII File
C:\CCC_COMPANY\BANK\2015_6.TXT
Print
Done .....
User Extensions
User Extension 1
User Extension 2
User Extension 3
User Extension 4
User Extension 5
User Extension 6
User Extension 7
More Extensions....
Related Screens
New Payroll
Related Screen 2
Related Screen 3
Related Screen 4
Related Screen 5
Related Screen 6
Related Screen 7
More Related ...
Enter FEIN Number
Record: 1/1
List of Valu...
<OSC>

- PY/AP Combined Positive Pay:

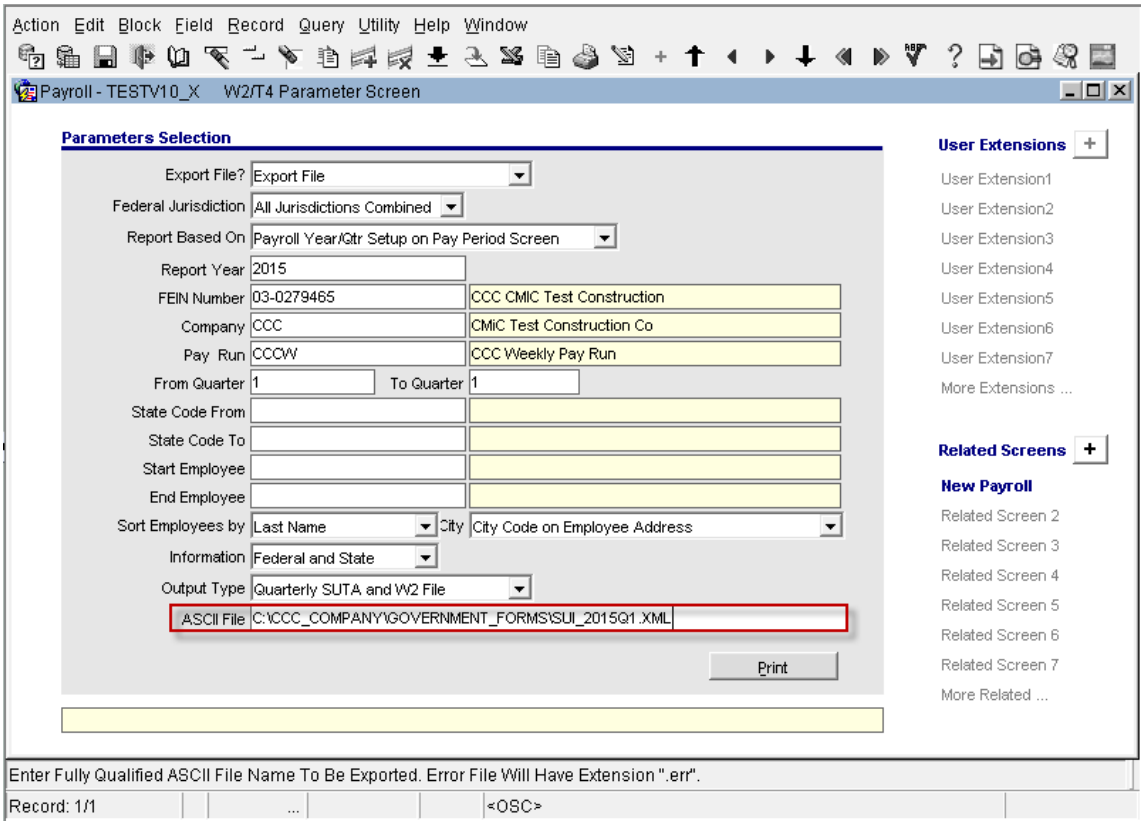




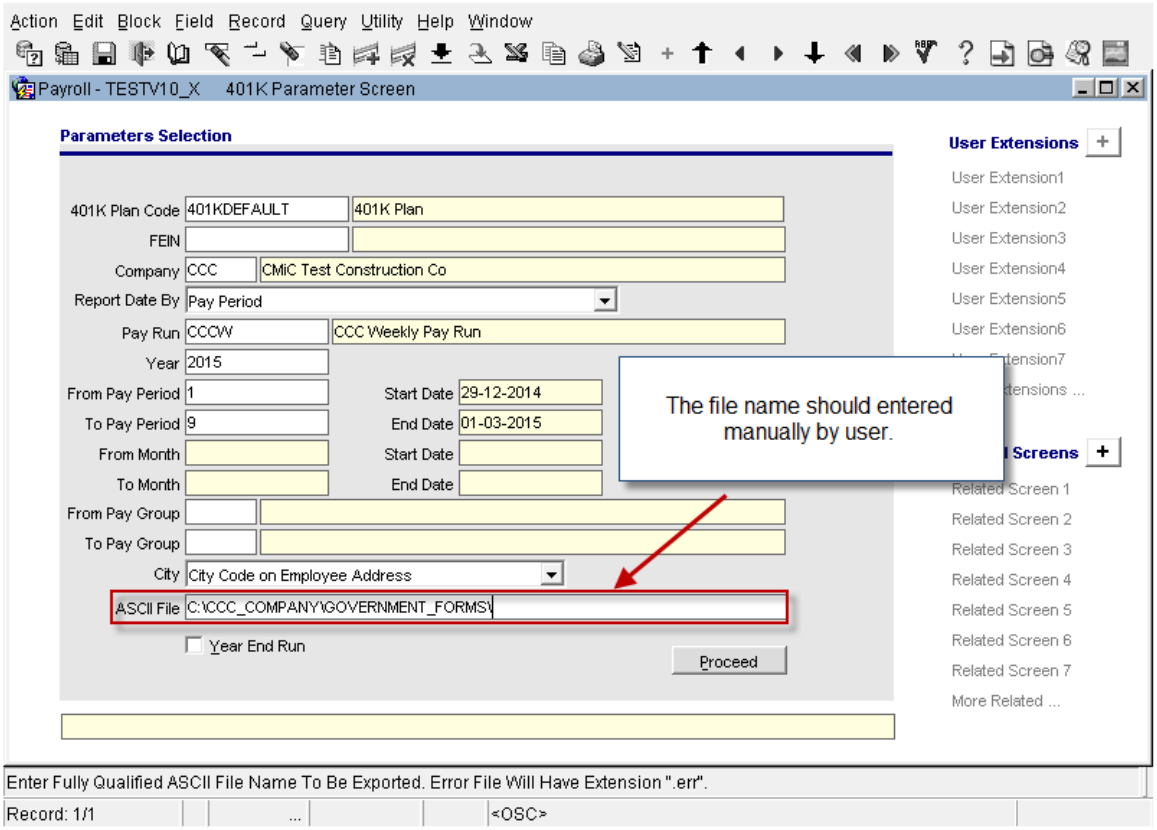


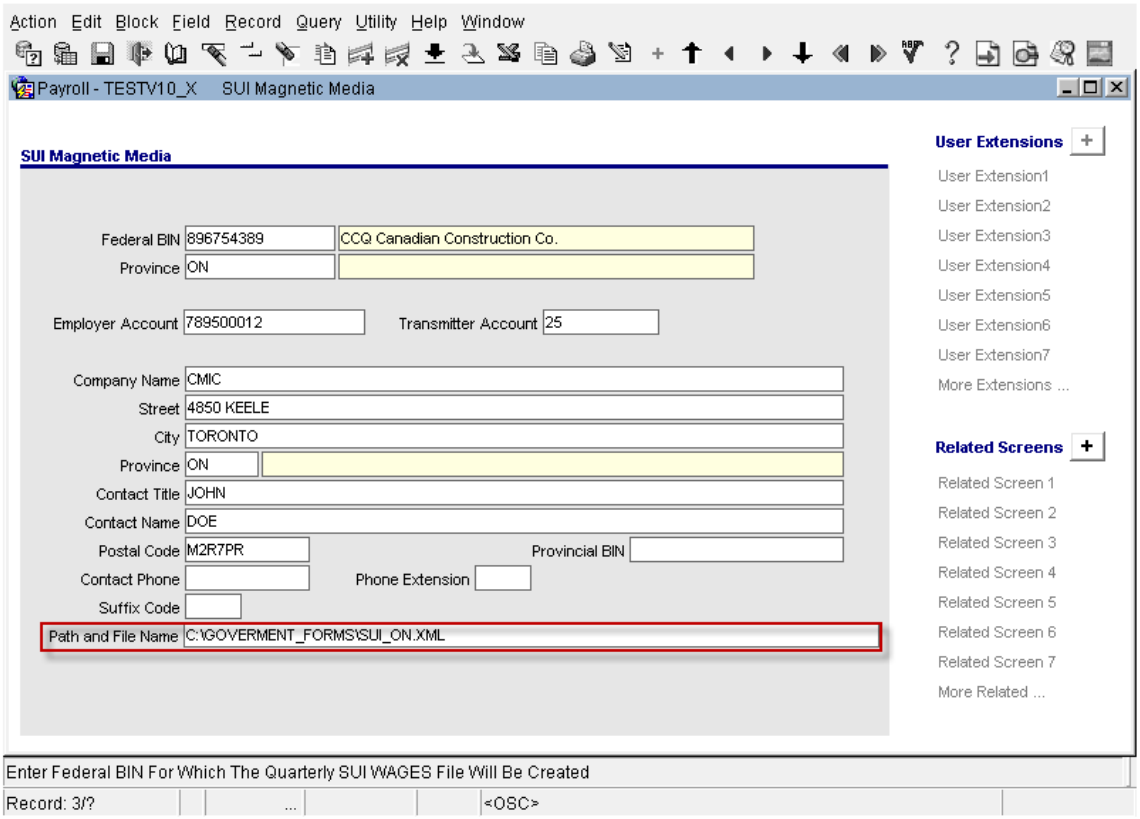
Payroll Government Forms:

- W-2 Form

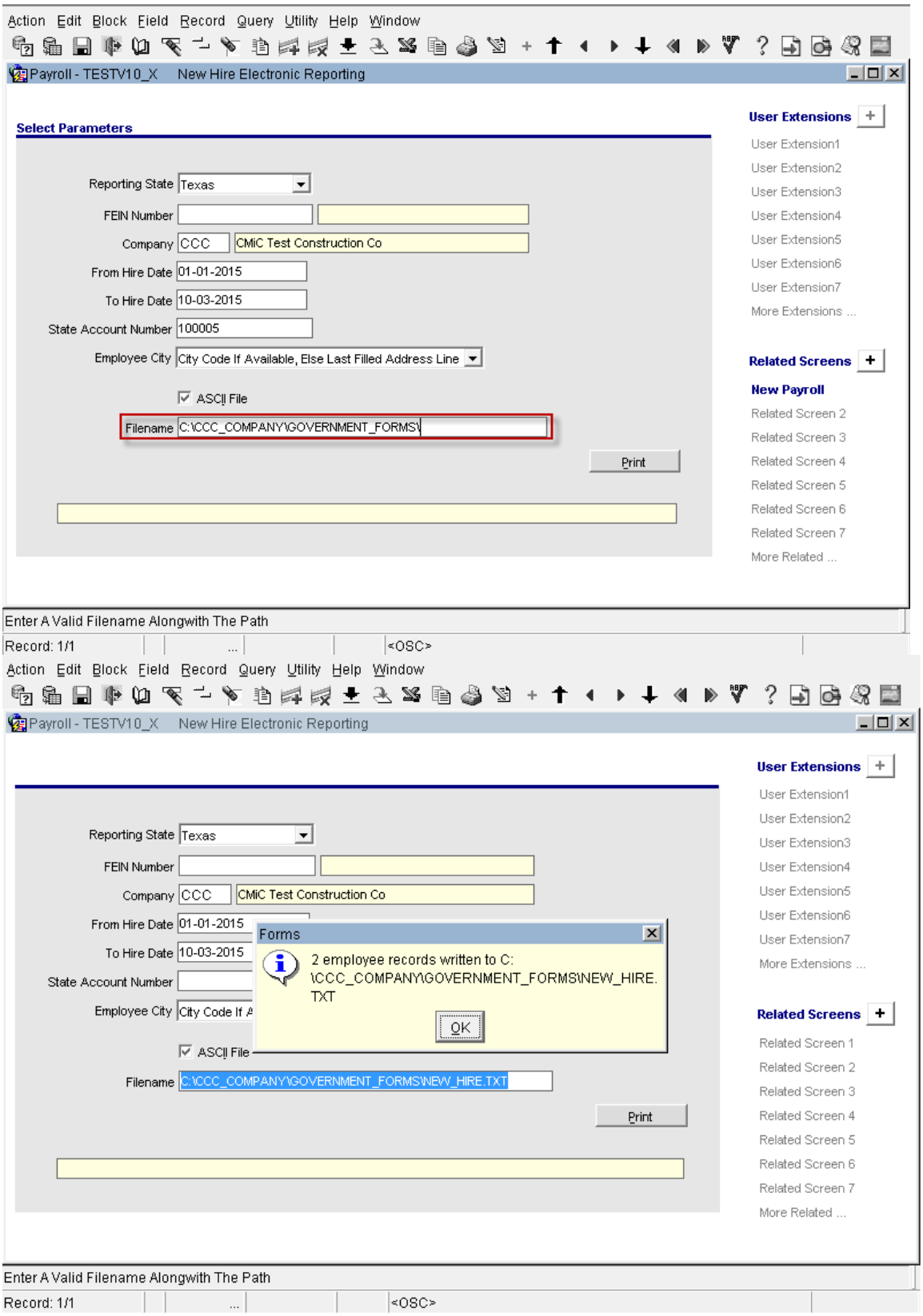


- 401K Filing

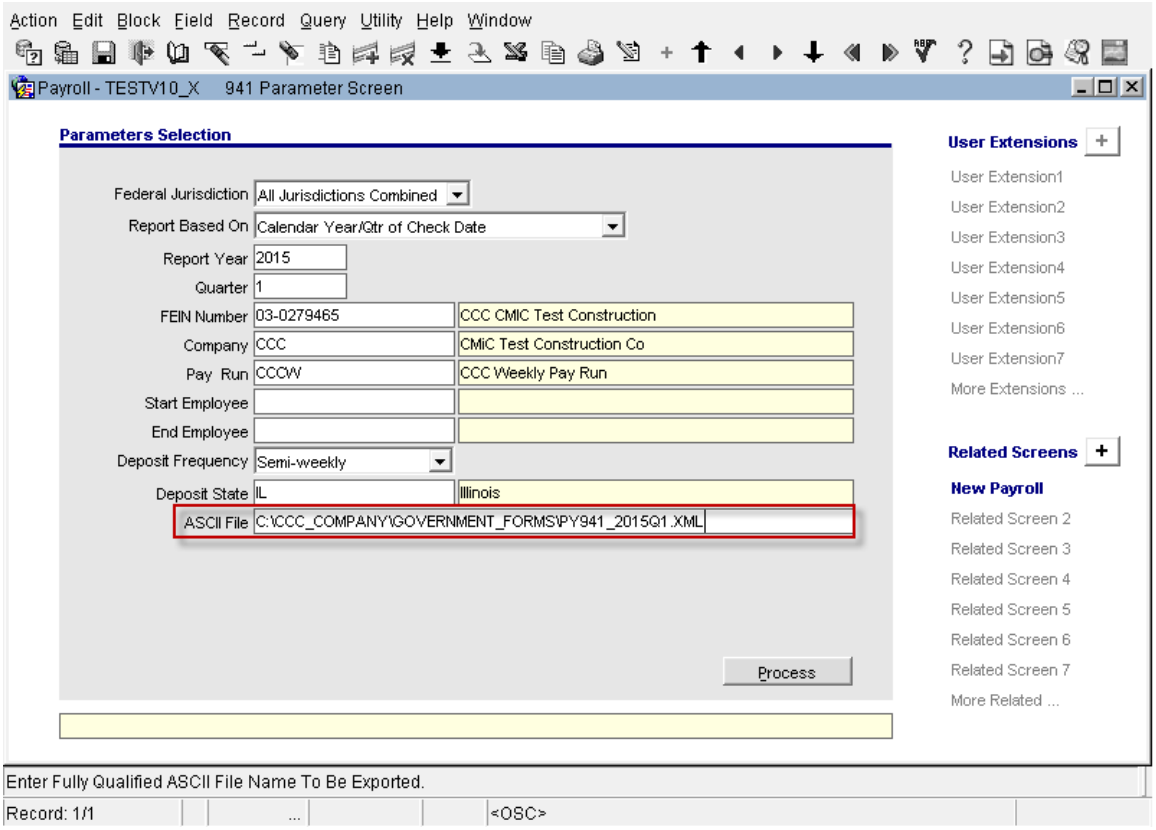




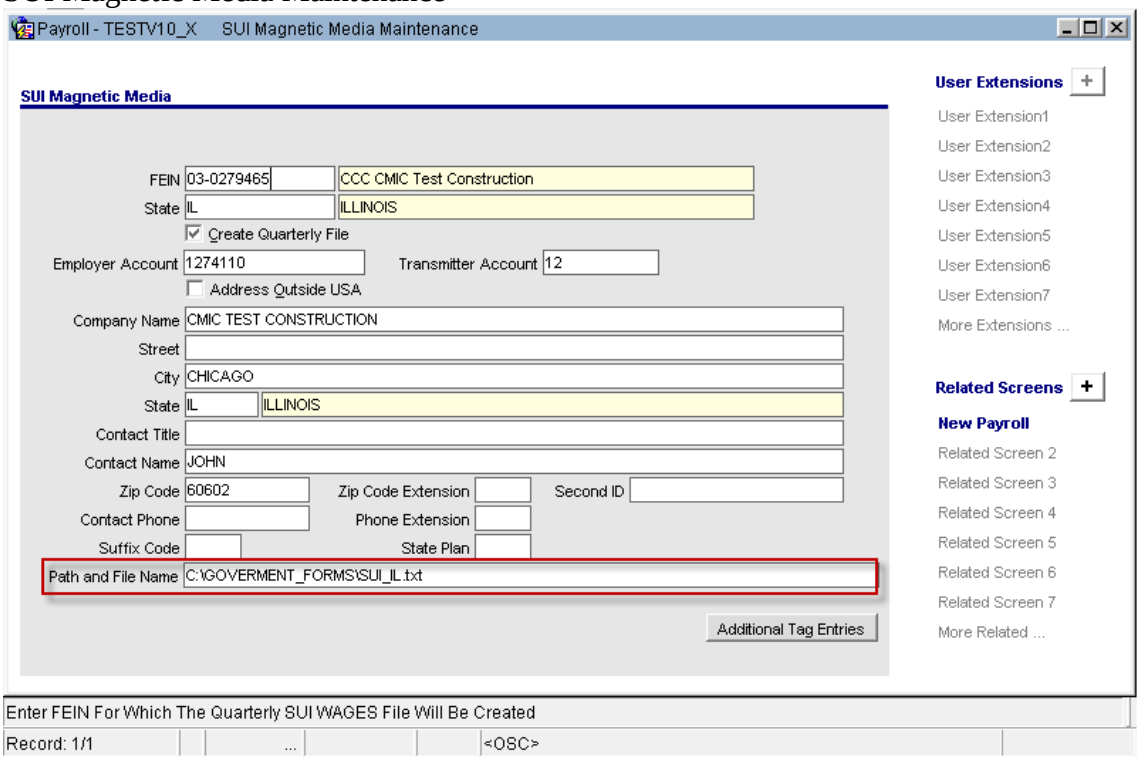
- New Hire Electronic Reporting

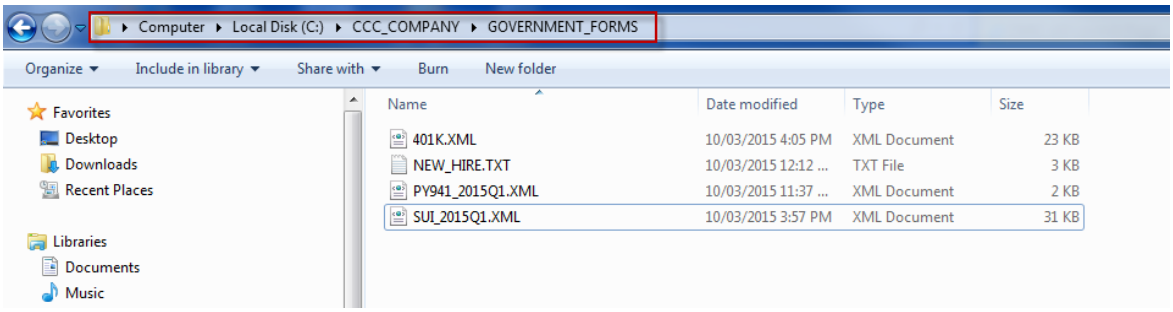


- 941 Filing form

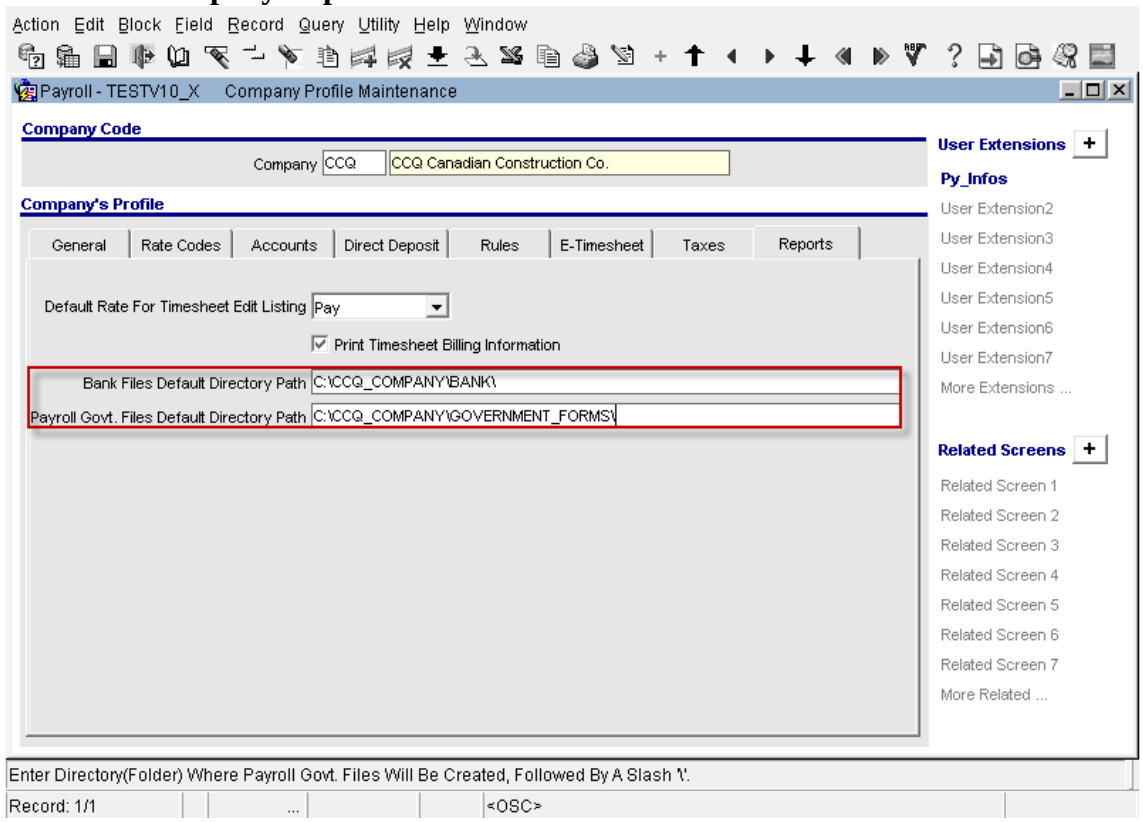


- SUI Magnetic Media Maintenance

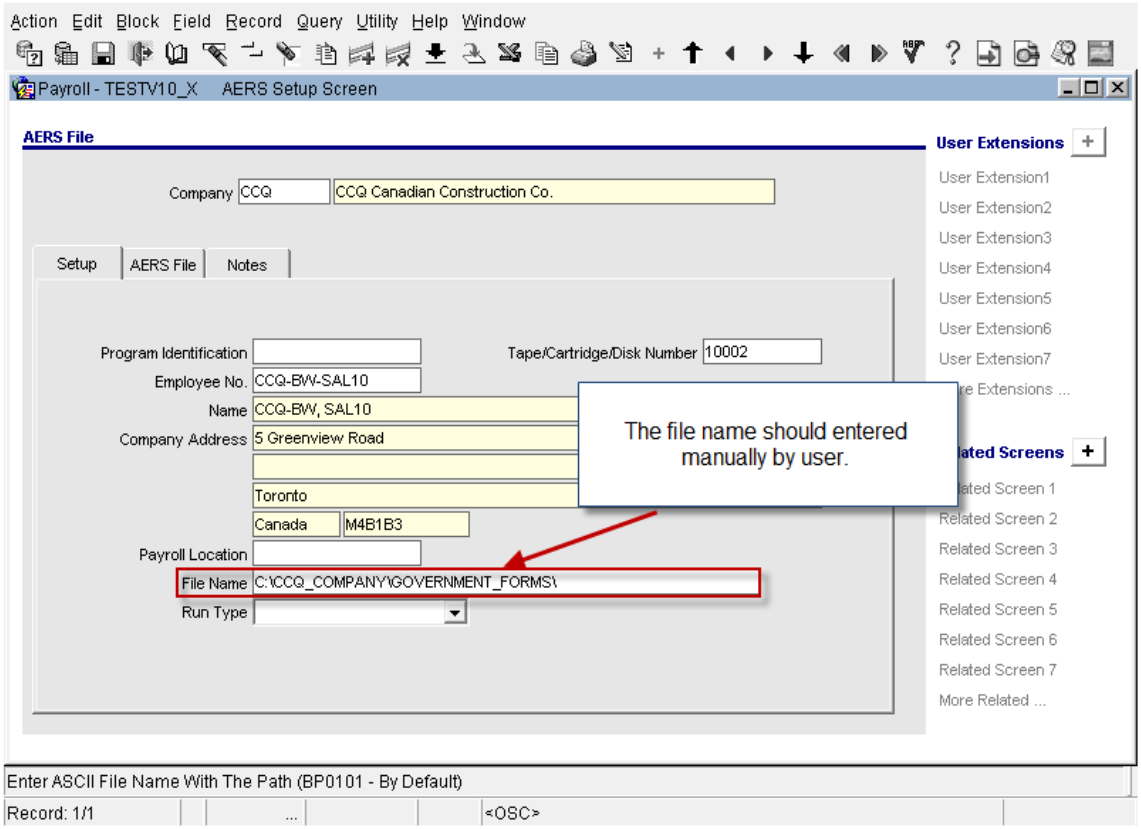


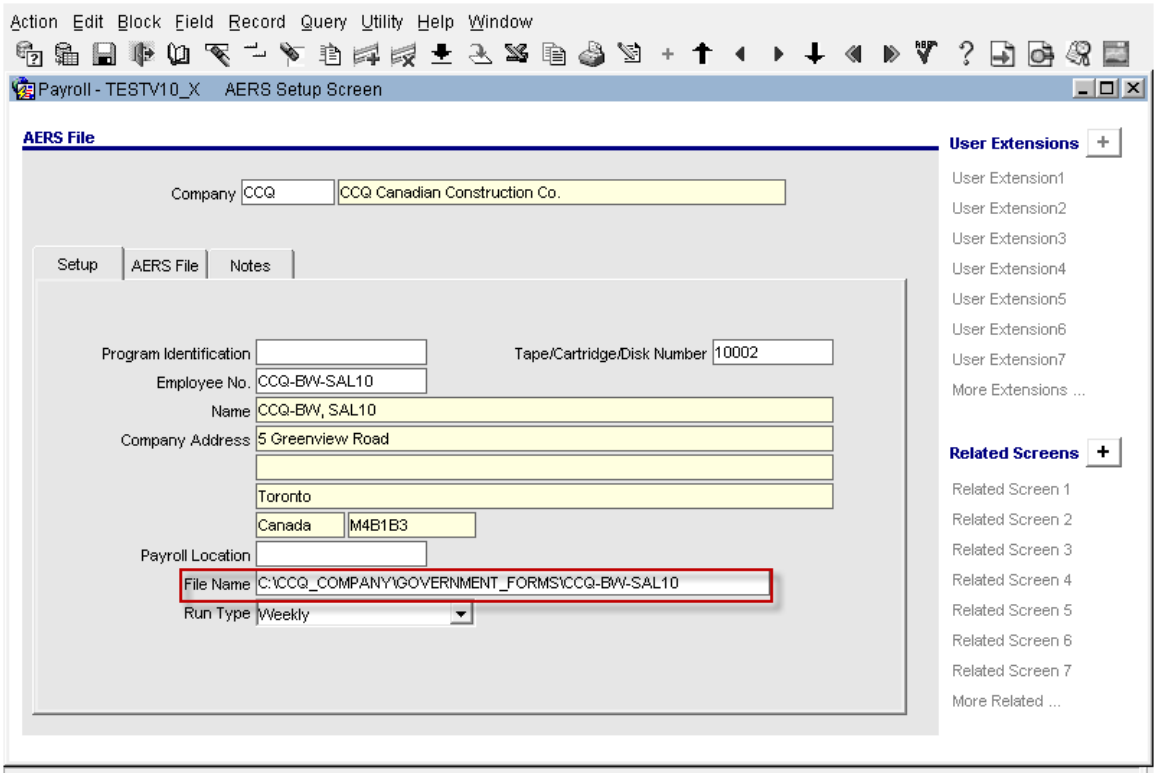


Canadian Company Reports:



- AERS File


Action Edit Block Field Record Query Utility Help Window
Payroll - TESTV10_X AERS Setup Screen
AERS File
User Extensions
User Extension1
User Extension2
User Extension3
User Extension4
User Extension5
User Extension6
User Extension7
Company CCQ CCQ Canadian Construction Co.
Setup AERS File Notes
Program Identification
Tape/Cartridge/Disk Number 10002
Employee No. CCQ-BW-SAL10
Name CCQ-BW, SAL10
Company Address 5 Greenview Road
Toronto
Canada M4B1B3
Payroll Location
File Name C:\CCQ_COMPANY\GOVERNMENT_FORMS\
Run Type
The file name should entered manually by user.
Related Screens
Related Screen 1
Related Screen 2
Related Screen 3
Related Screen 4
Related Screen 5
Related Screen 6
Related Screen 7
More Related ...
Enter ASCII File Name With The Path (BP0101 - By Default)
Record: 1/1
<OSC>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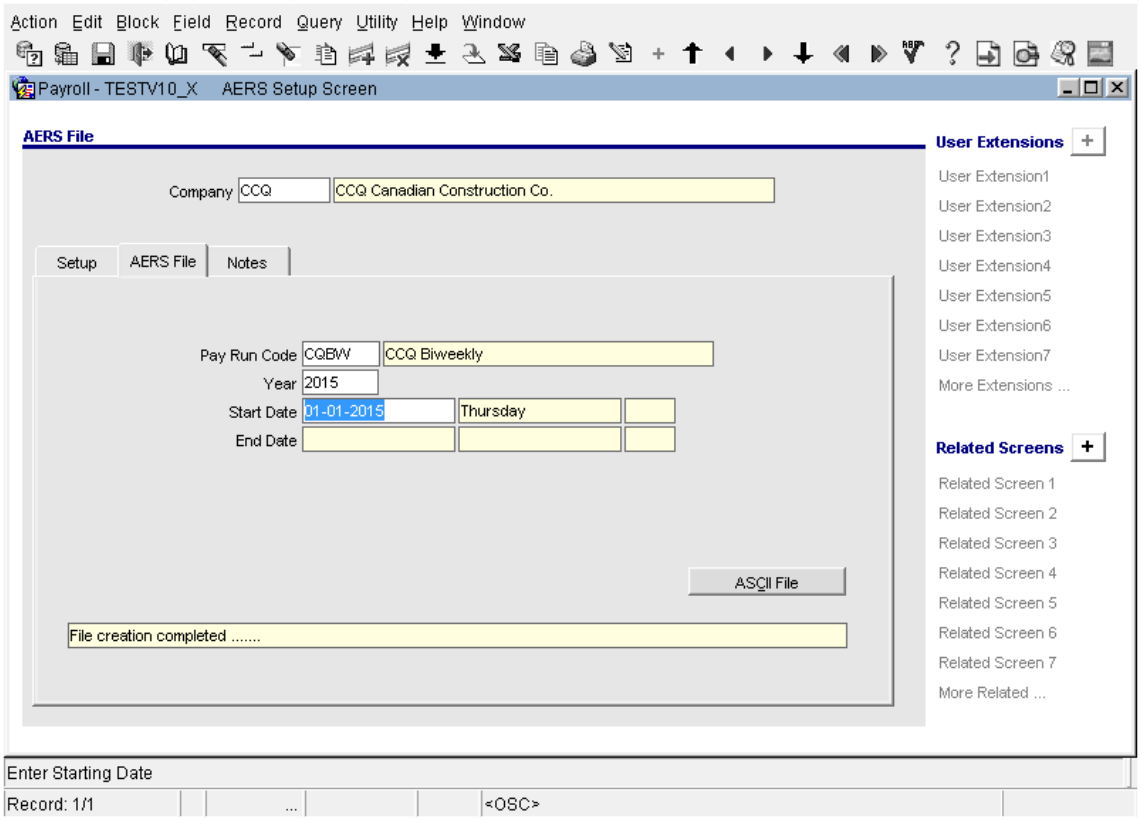
Payroll - TESTV10_X AERS Setup Screen
AERS File
Company CCQ CCQ Canadian Construction Co.
Setup AERS File Notes
Program Identification
Tape/Cartridge/Disk Number 10002
Employee No. CCQ-BW-SAL10
Name CCQ-BW, SAL10
Company Address 5 Greenview Road
Toronto
Canada M4B1B3
Payroll Location
File Name C:\CCQ_COMPANY\GOVERNMENT_FORMS\CCQ-BW-SAL10
Run Type Weekly
User Extensions
User Extension1
User Extension2
User Extension3
User Extension4
User Extension5
User Extension6
User Extension7
More Extensions ...
Related Screens
Related Screen 1
Related Screen 2
Related Screen 3
Related Screen 4
Related Screen 5
Related Screen 6
Related Screen 7
More Related ...
Enter The Program Identification No. Set By Canadian Govt., Default Value Is 'AERS'
Record: 1/1
<OSC>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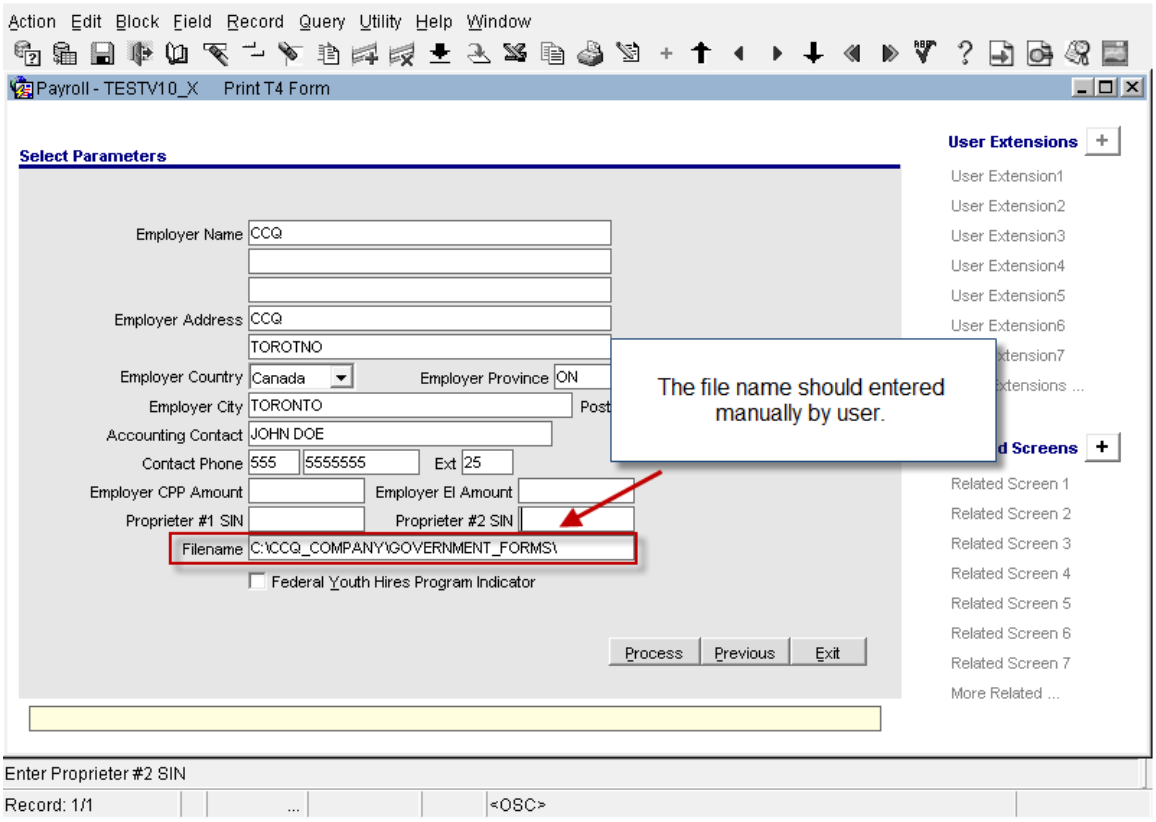
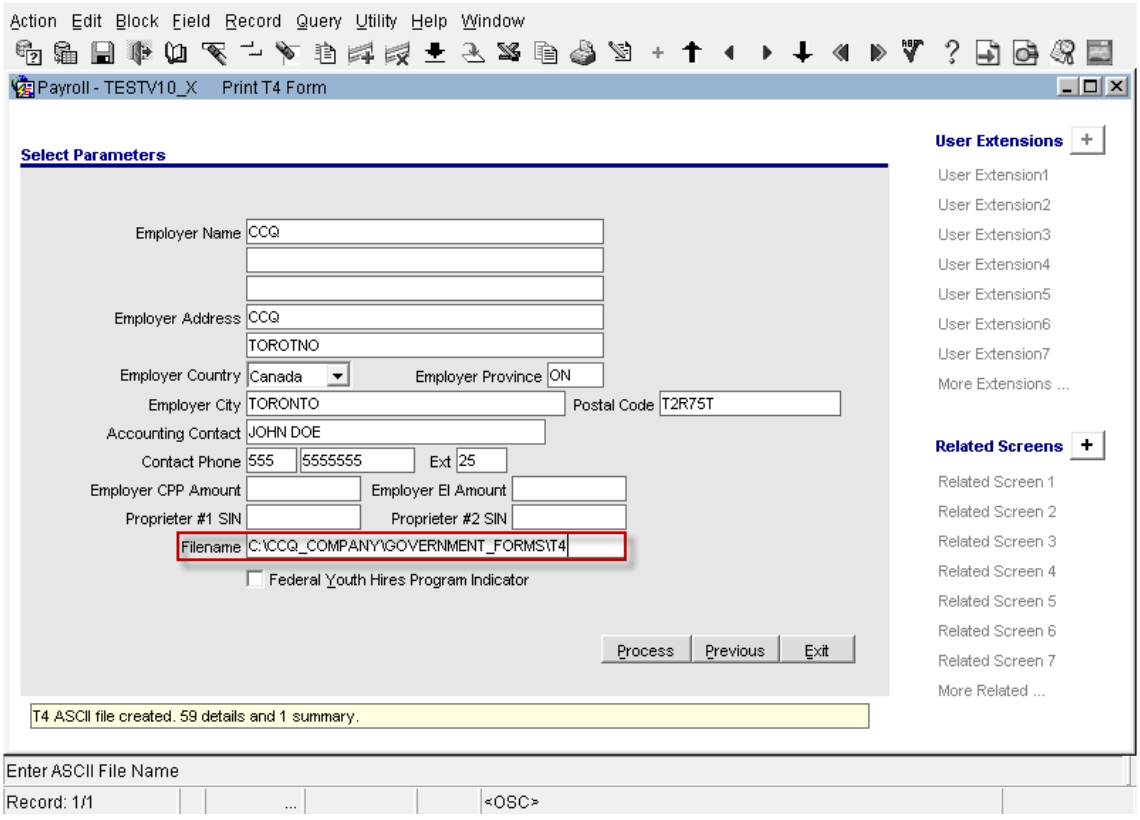
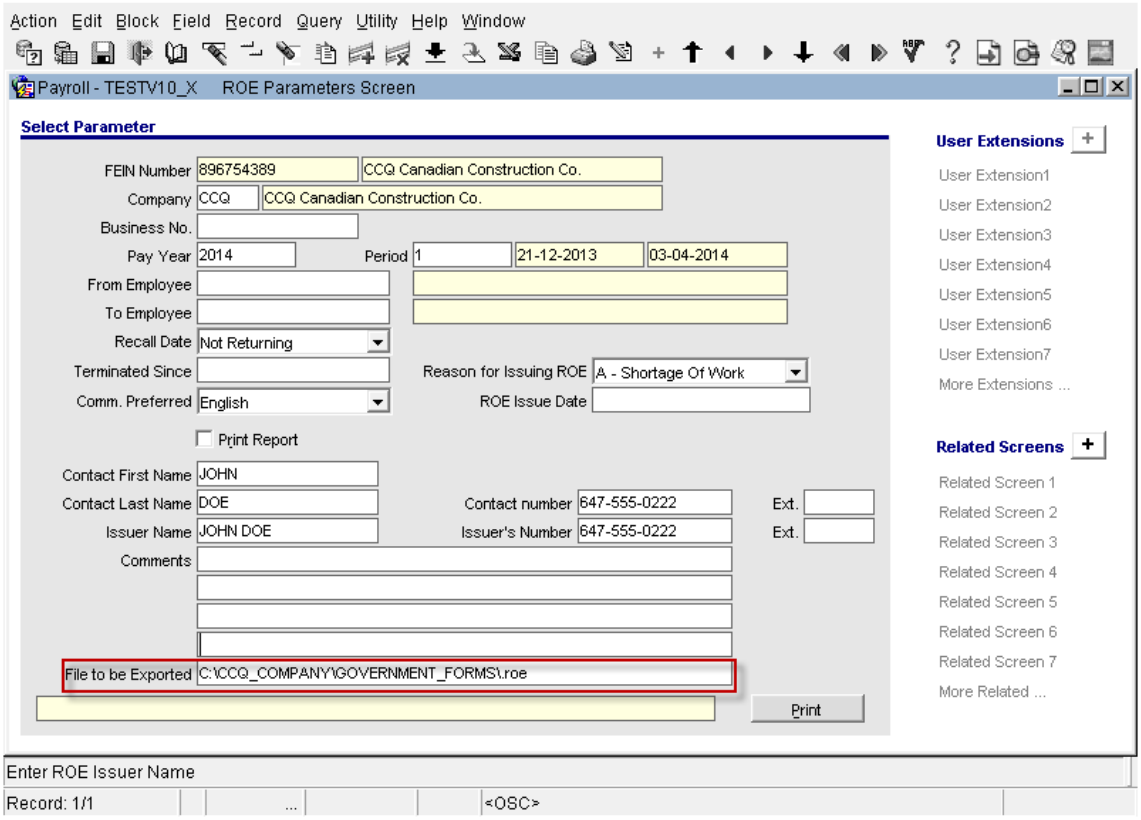
Payroll - TESTV10_X AERS Setup Screen
AERS File
Company CCQ CCQ Canadian Construction Co.
Setup AERS File Notes
Pay Run Code CQBW CCQ Biweekly
Year 2015
Start Date 01-01-2015 Thursday
End Date
ASCII File
File creation completed .....
User Extensions
User Extension1
User Extension2
User Extension3
User Extension4
User Extension5
User Extension6
User Extension7
More Extensions ...
Related Screens
Related Screen 1
Related Screen 2
Related Screen 3
Related Screen 4
Related Screen 5
Related Screen 6
Related Screen 7
More Related ...
Enter Starting Date
Record: 1/1
<OSC>

- T4 File

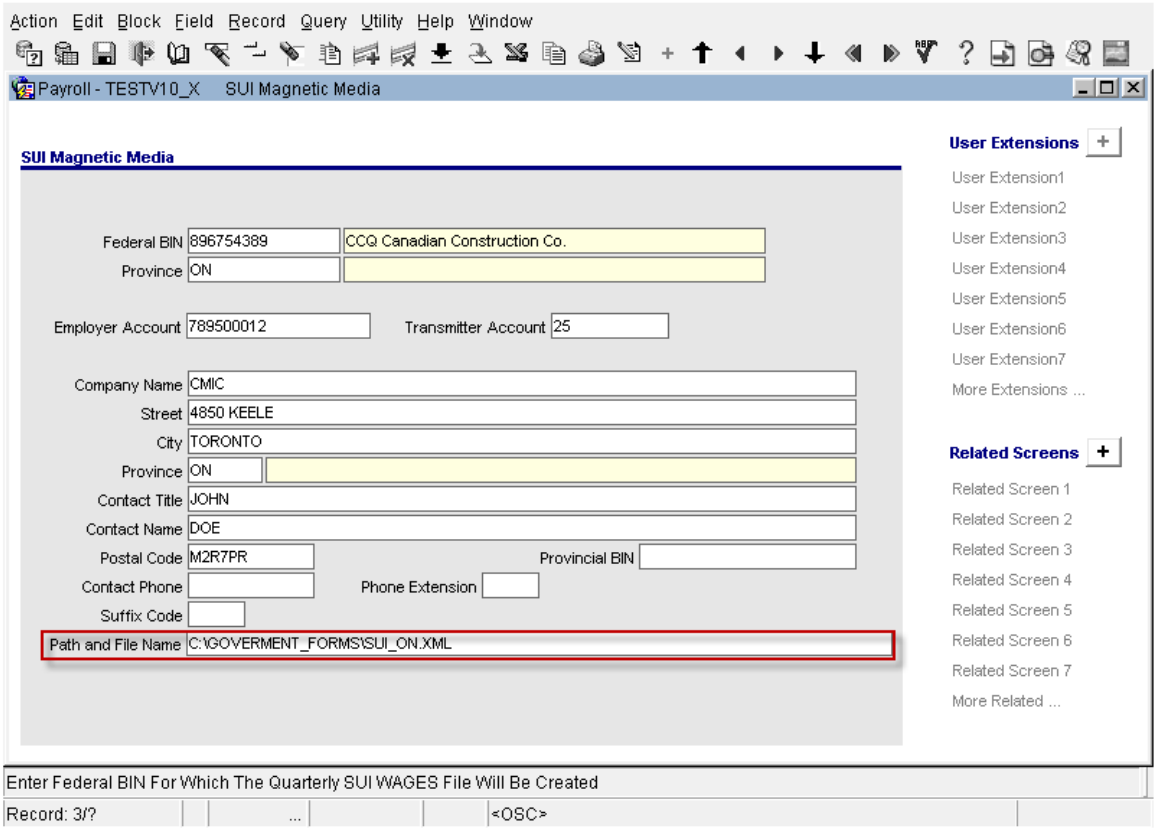


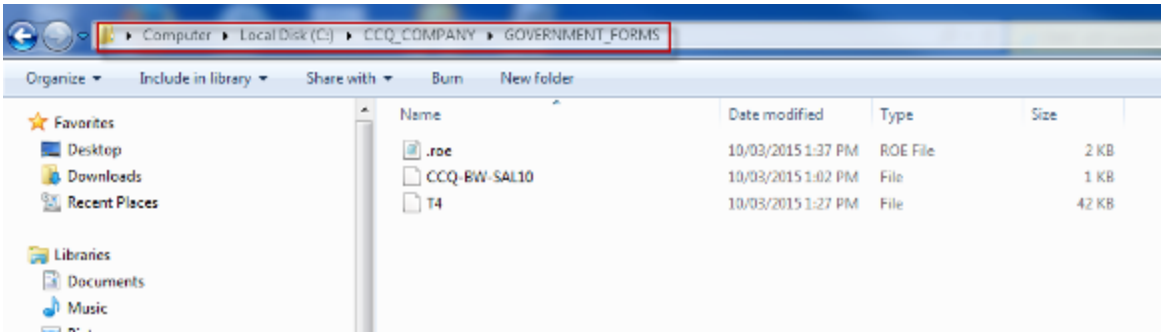


- ROE (Record Of Employment) form



- SUI Magnetic Media





Addition of a new system defined Leave Policy to the payroll program as per new California legislation (14.97049)

CMiC added a new system defined Leave Codes that are setup to comply with the local requirements passed in California, its cities and the District of Columbia.

These system defined leave codes are being assigned through an automated process when the employee exceeds 30 hours of time in CA, SF, Oakland or DC after 30 Days of employment.

CMiC utilizes the "Work Location by Job" flag on the employee profile to determine which work location is to be designated on the payroll timesheet record. If the flag is unchecked the time entered will be against the work location on the employee profile and this location will be used for accumulating hours. If the flag is checked the job will drive the work location for accumulation.

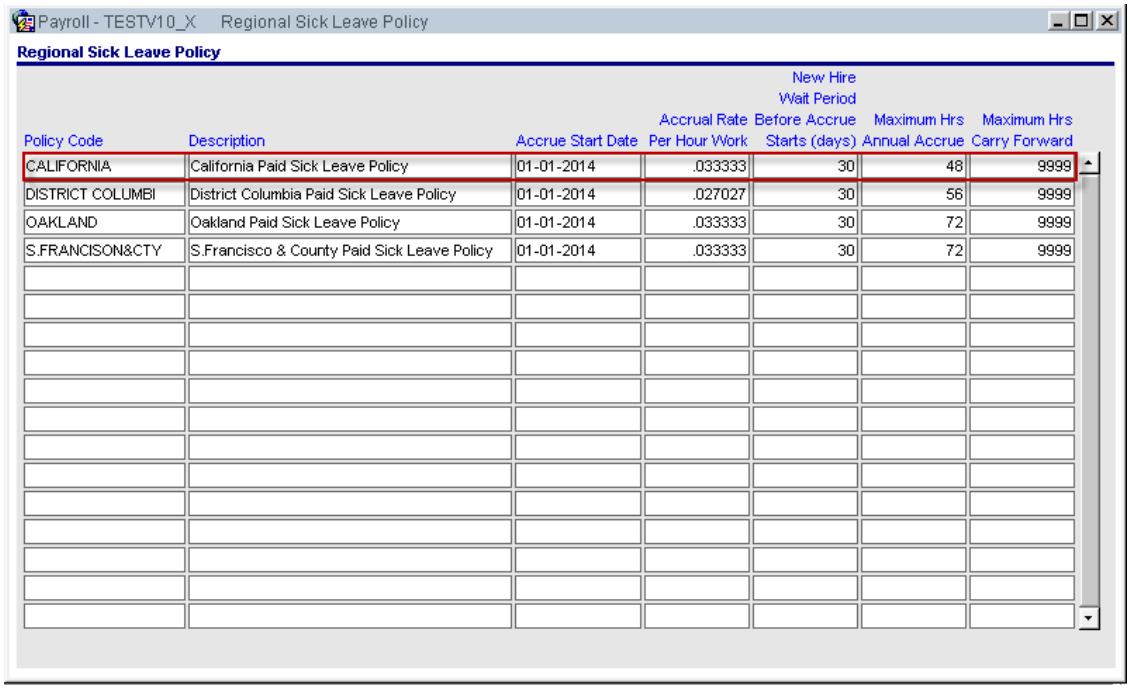
PLEASE NOTE: The user will be required to setup work locations for the City of SF, Oakland, DC and a generic California work location (and possibly San Diego if it passes). This may impact WC rates, as there will now be more work locations in the system.

Modification:

1. Go to Administration->Leaves-> Sick Leave Policy screen and setup the Sick Leave Policy for California.

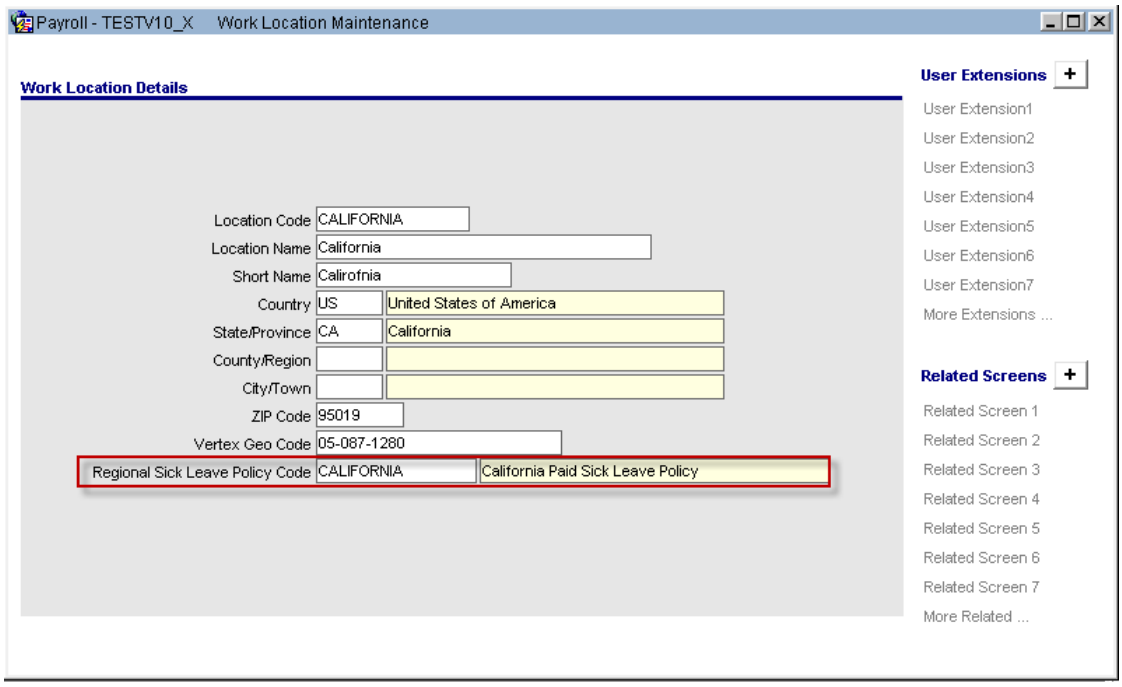


California allows employees to accrue 1 hour for every 30 hours worked (1/30 = .033333 accrue rate) and can accrue a maximum of 48 hours (or 6 days) for the year (this is ANNUAL MAX ACCRUAL on regional sick leave policy) however, employee is entitled to only take a maximum of 24 hours (or 3 days) of paid sick per year to audit manually.

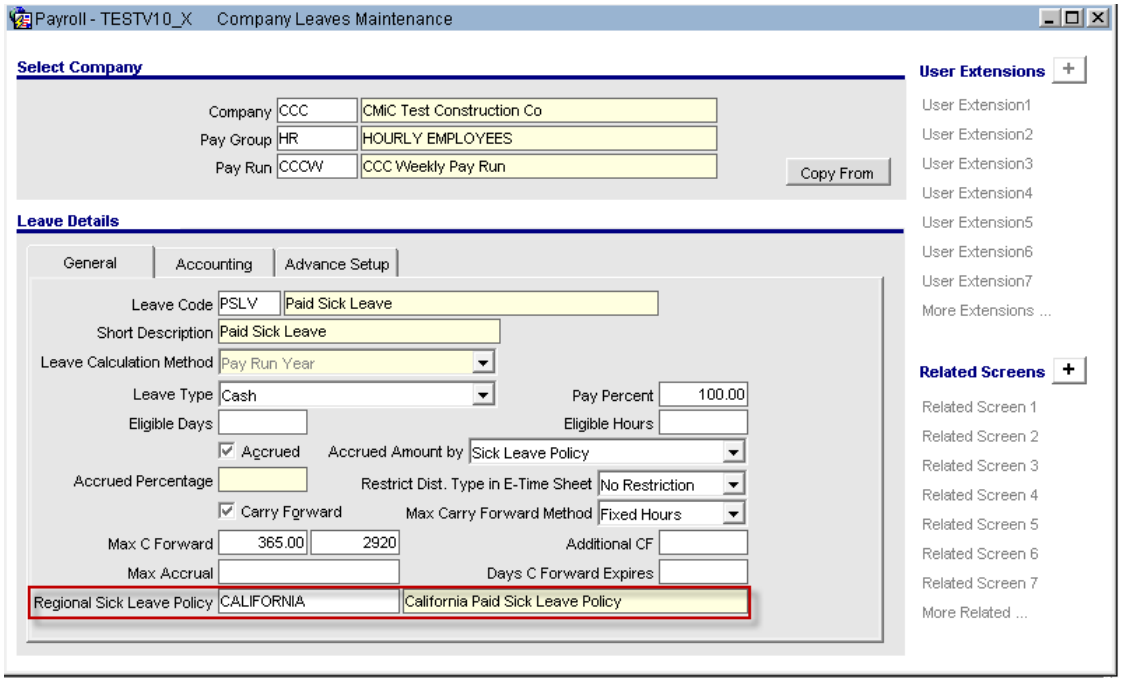


Policy Code	Description	Accrue Start Date	Accrual Rate Per Hour Work	New Hire Wait Period Before Accrue Starts (days)	Maximum Hrs Annual Accrue	Maximum Hrs Carry Forward
CALIFORNIA	California Paid Sick Leave Policy	01-01-2014	.033333	30	48	9999
DISTRICT COLUMBI	District Columbia Paid Sick Leave Policy	01-01-2014	.027027	30	56	9999
OAKLAND	Oakland Paid Sick Leave Policy	01-01-2014	.033333	30	72	9999
S.FRANCISON&CTY	S.Francisco & County Paid Sick Leave Policy	01-01-2014	.033333	30	72	9999

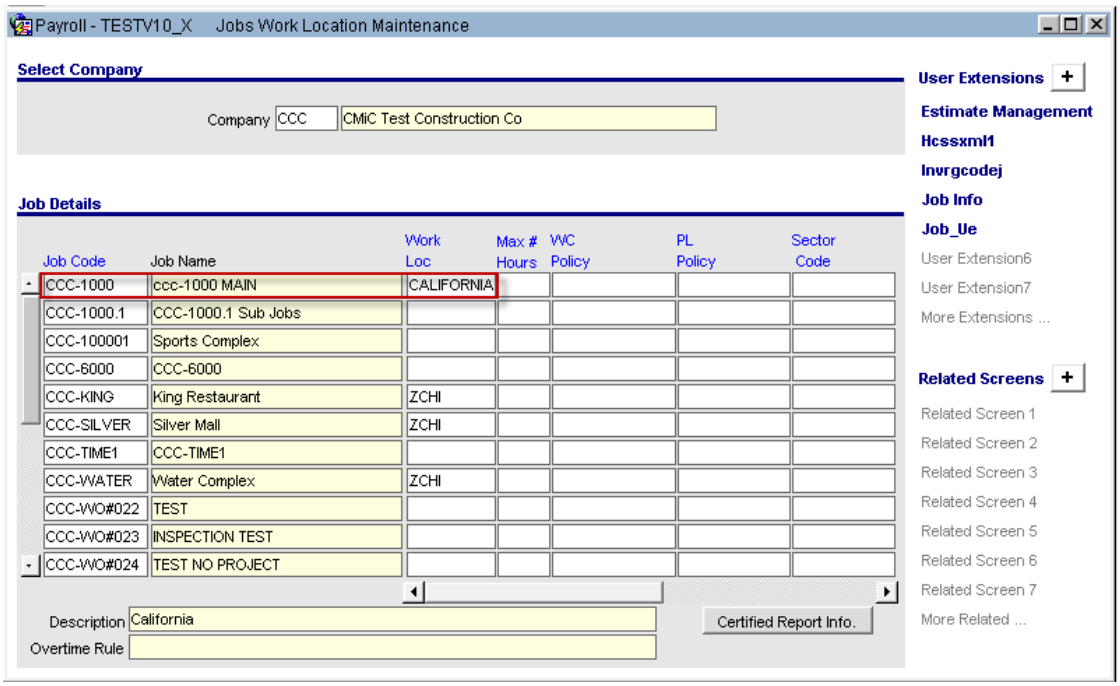
2. After setting up the Sick Leave policy, assign this policy in the Work Locations screen under the Setup->Local Maintenance menu by selecting California sick leave policy from LOV list.



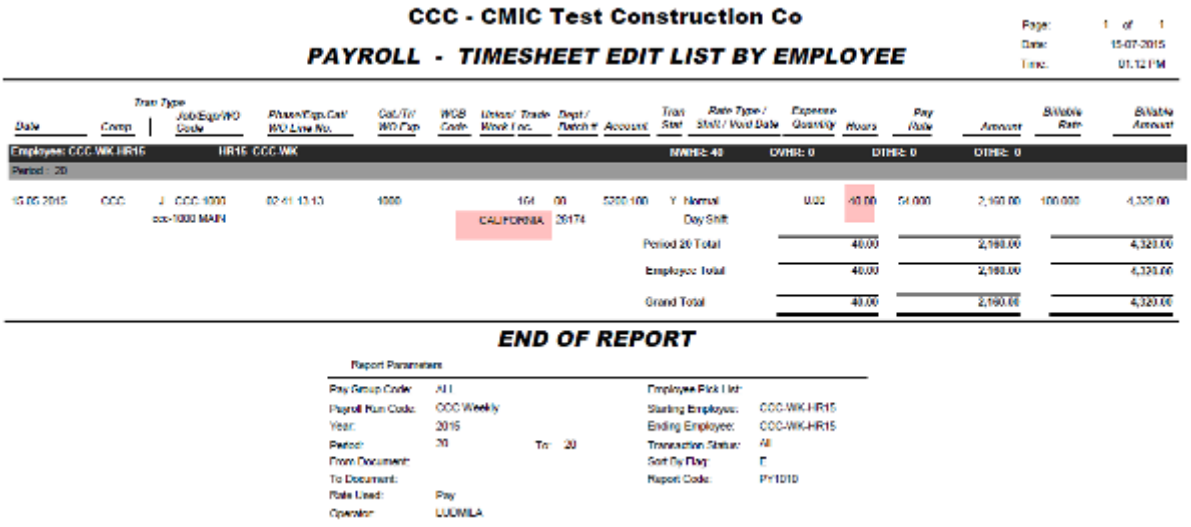
3. Assign the Sick Leave Policy to the company on the Company Leave Maintenance screen by using "Regional Sick Leave Policy Code" LOV. User can use "Max Accrual field" to enter Maximum allowable unused accrual hours. Once this maximum is reached, system will stop accruing.

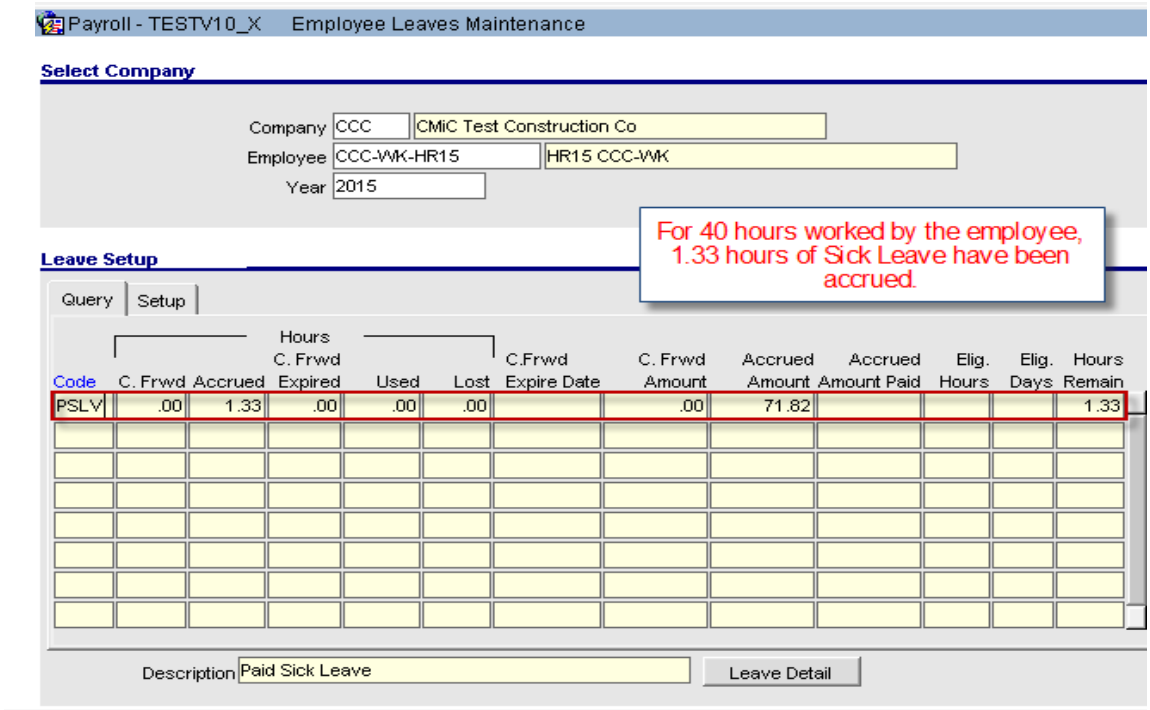


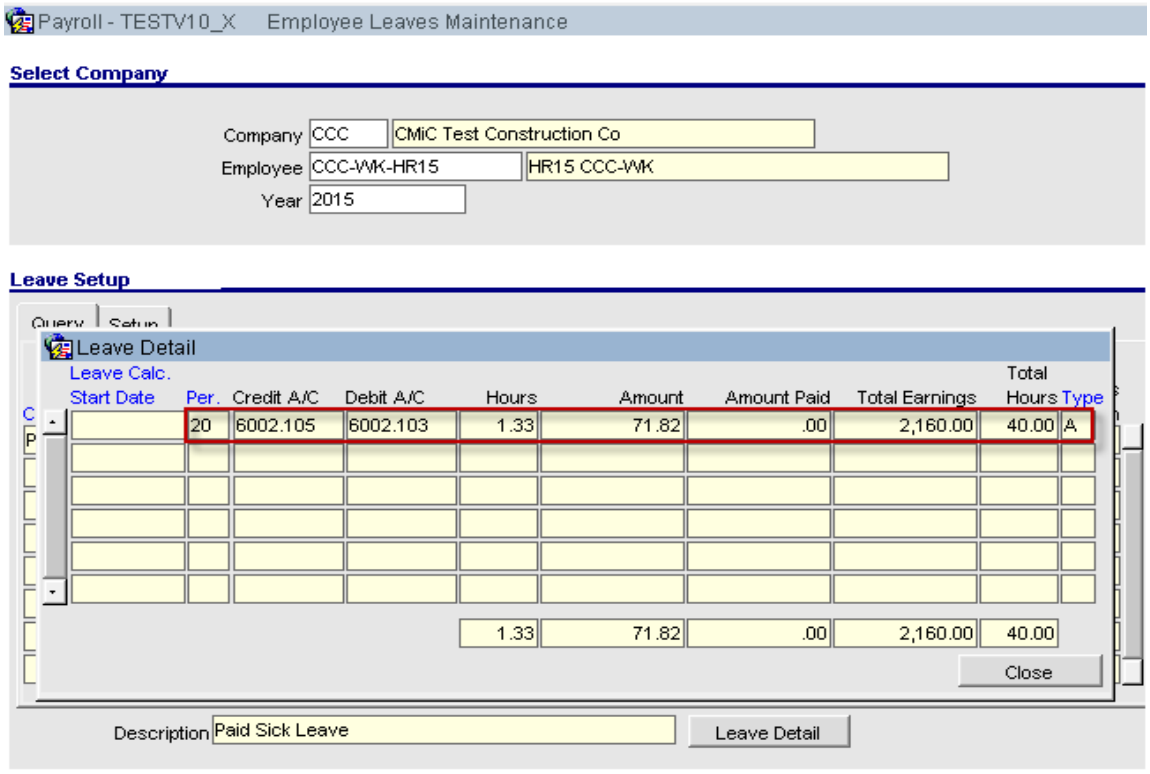
4. Setup the Work Location for a Job on the Job Work Location Maintenance screen.



5. Entered 40 hours for hourly employee in the Timesheet entry, posted timesheet and processed payroll for this employee for the Job which is setup with Work Location in California.







6. As per State of California calculation, for 40 hours of working hours – employee gets 1.33 hours of accrued Sick Leave.

	"ST" = 'Sick Time'					
LOCATION	**Accrual**	**Max Benefit / Year**	**Max Accrual**	**Carry Over**	**Rehire**	**Waiting Period**
State of California	1 hour ST for every 30 hours worked*	24 hours / 3 days	48 hours / 6 days	Yes	Yes, w/in 1 year	90 days
San Francisco City & County	1 hour ST for every 30 hours worked	72 hours / 9 days	72 hours / 9 days	Yes		90 days
District of Columbia	1 hour ST for every 37 hours worked	56 hours / 7 days	56 hours / 7 days	Yes	Yes, w/in 1 year	90 days
Oakland	1 hour ST for every 30 hours worked	72 hours / 9 days	72 hours / 9 days	Yes		90 days
San Diego City - PENDING	1 hour ST for every 30 hours worked	40 hours / 5 days	40 hours / 5 days	Yes		
	* Front loading permissable					
		Office employee sick time policy only 5 days.				

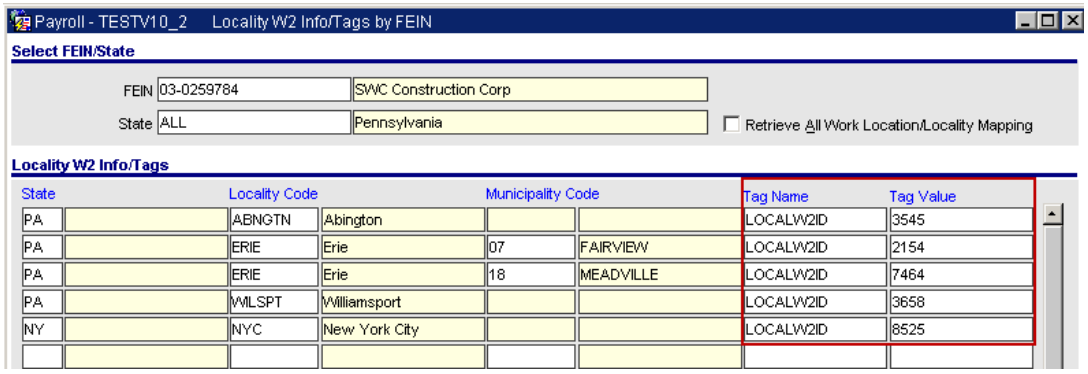
NOTE: In the similar way user can setup Sick Leave Policy for City of SF, Oakland and District of Columbia.

Greenshades Modifications (12.66089)

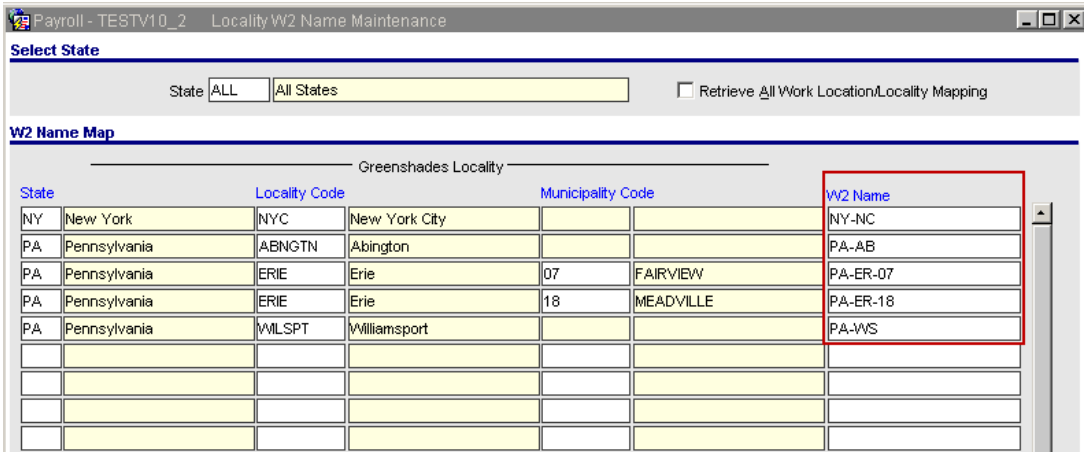
CMiC added 3 new menu options under U.S. Payroll->Govt. Forms->Greenshades Locality.



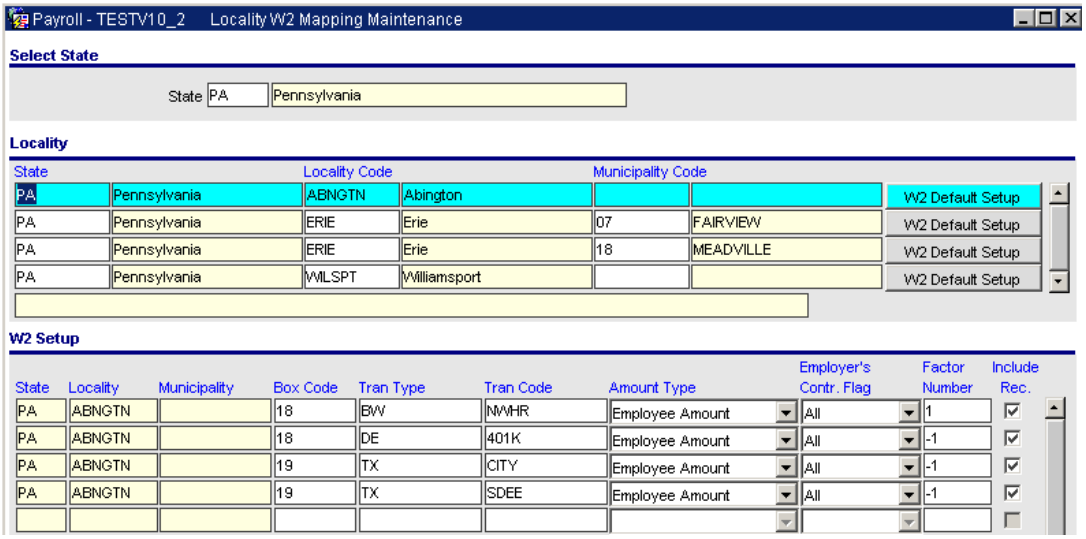
(IV) New Form for Locality W2 Info/Tags by FEIN (e.g. LocalW2ID)

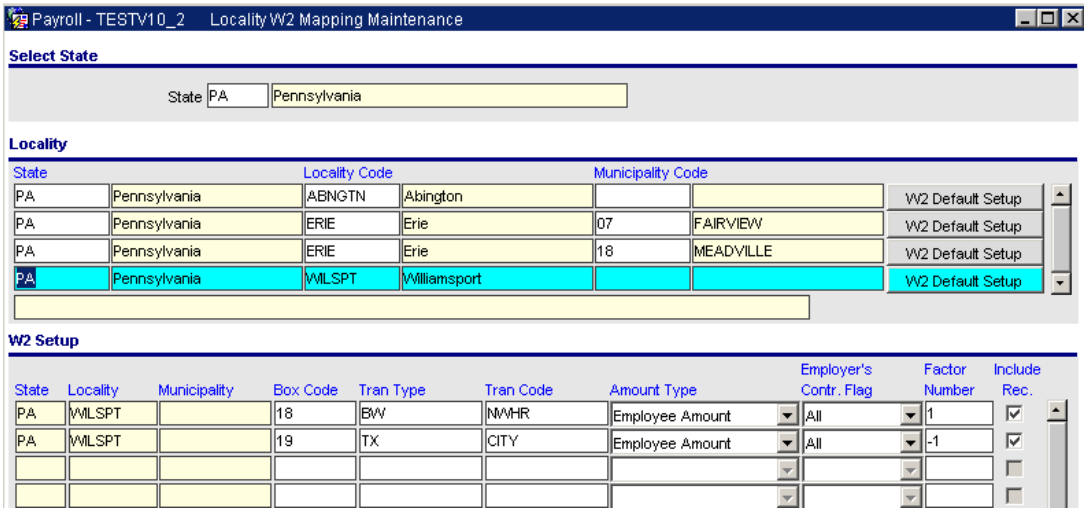


(V) New Form for Locality W2 Name (Overrides the default printed W2 Name)



(VI) New Form to map Locality with W2 Setup (Overrides Standard W2 mapping for multi-localities) - A separate W2 mapping might be required for each locality.



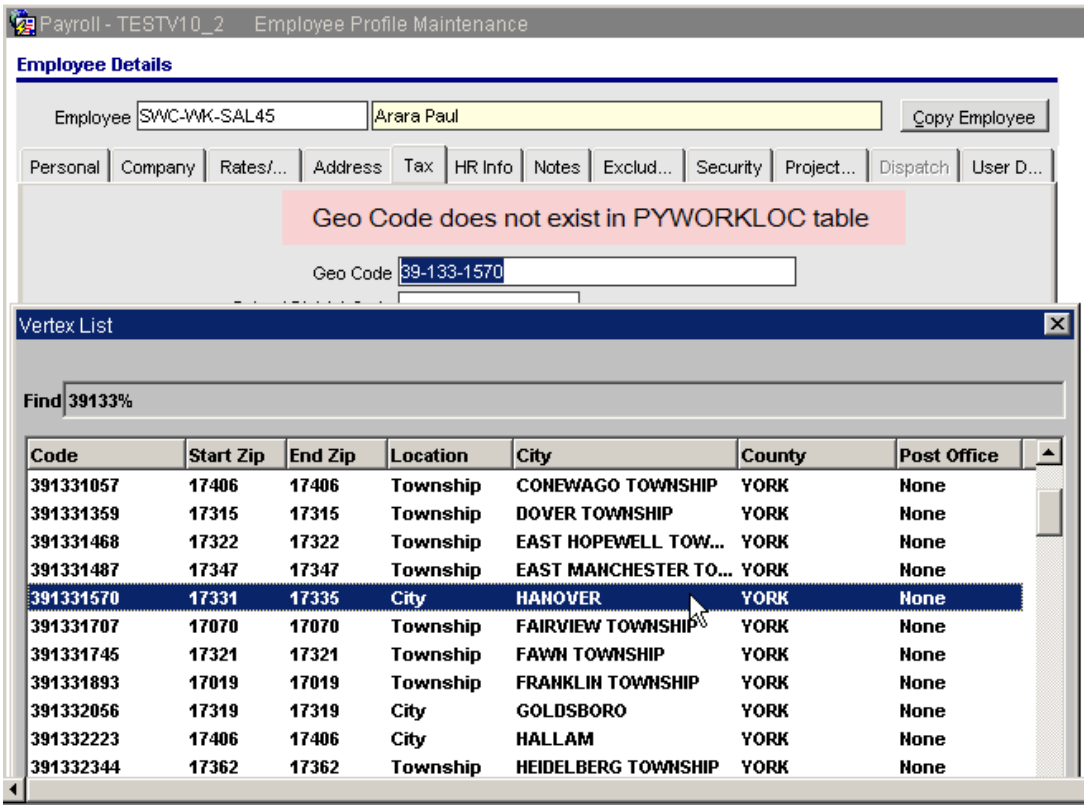


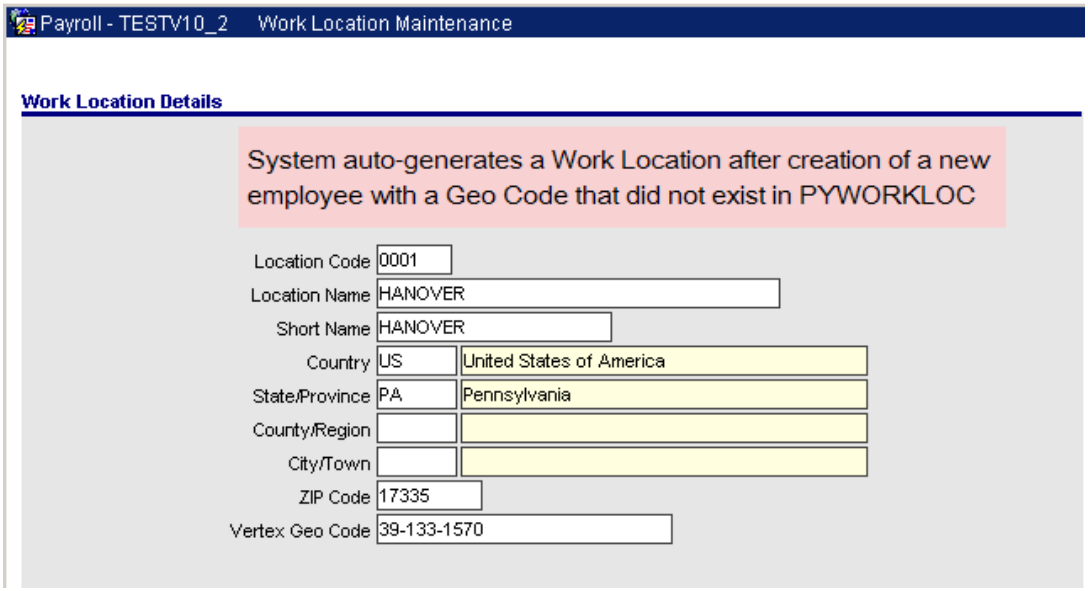
Modifications:

(IV) Auto-generation of Work Location in PYWORKLOC

When user creates a new employee or update a GEO CODE system will automatically create a location in table starting "0001" location code. This facilitates users to create location in PYWORKLOC table automatically based on the GEO CODE entered on profile.

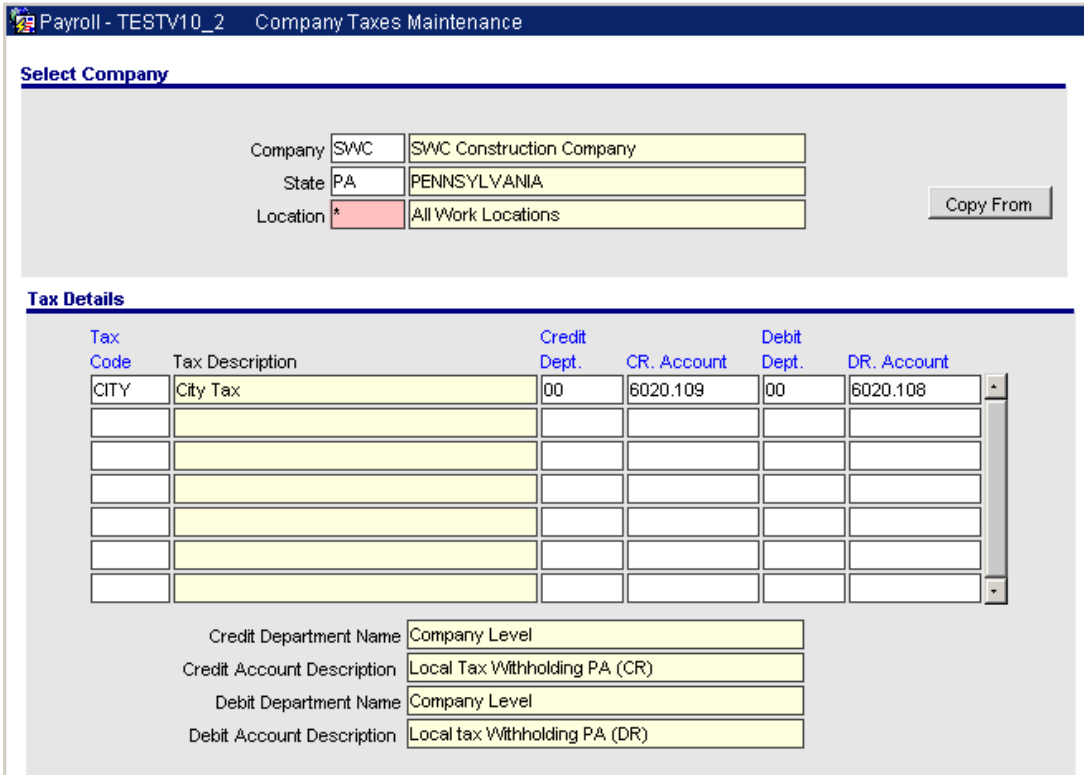
NOTE: This enhancement is only done for PA State.





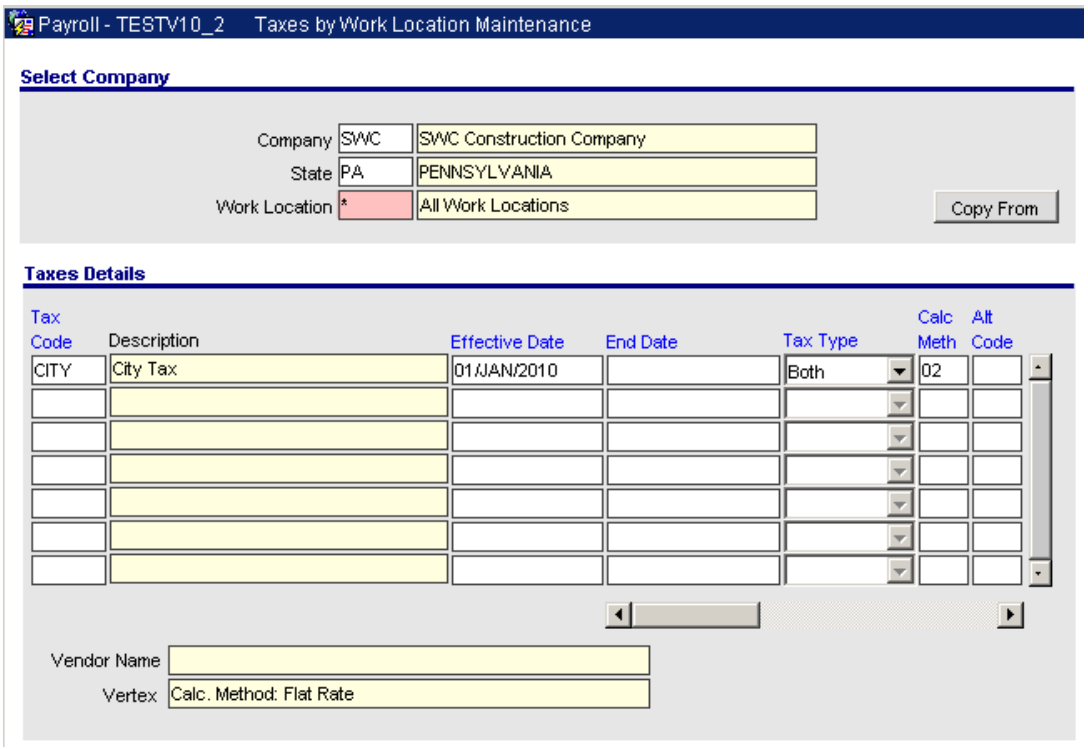
(V) Use of '*' for Account Set-up in 'Company Taxes Maintenance'

CMiC modified Company Taxes Maintenance (Accounting) to allow setting up State/Locality with '*', which will be treated as "ALL".

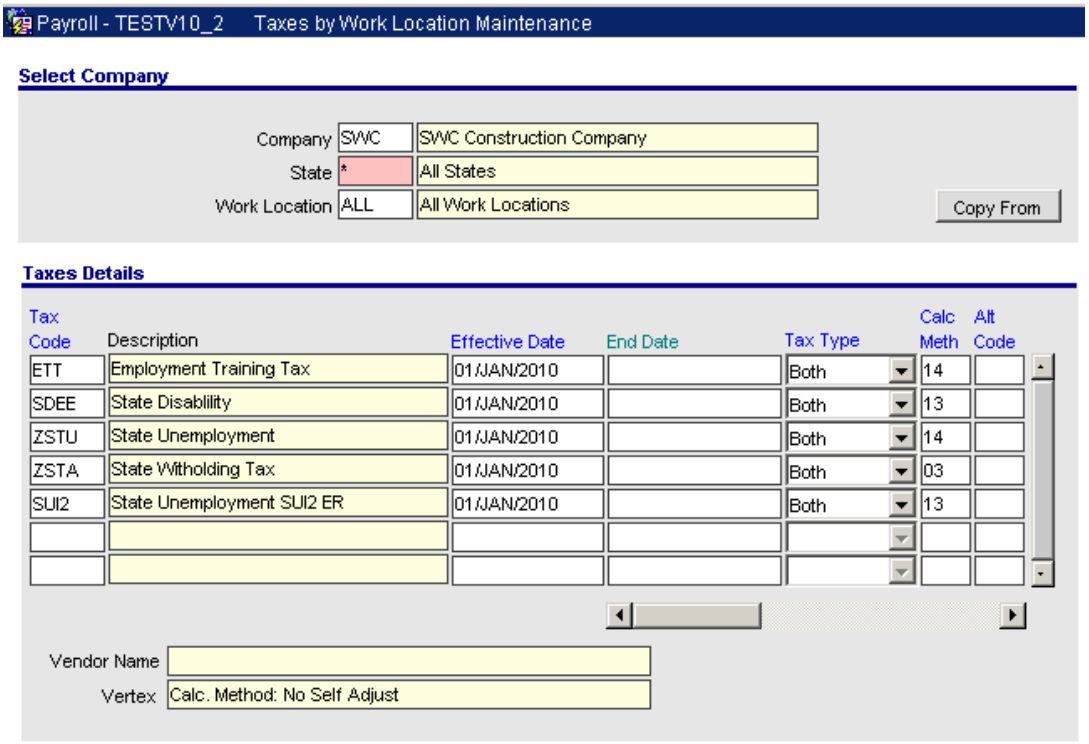


(VI) Use of '*' for Tax Set-up by Location

CMiC modified 'Taxes by Location' program to allow setting up LOCAL tax under 'Taxes by Location' screen with '*' which will be treated as "ALL". Once users setup a local tax for a state (e.g. PA) and work location '*' system will consider those taxes for all the locations in the state.



CMiC also modified 'Taxes by Location' program to allow setting up STATE tax under 'Taxes by Location' screen with '*' which will be treated as 'ALL'. Once users setup a state '*' and work location 'All' system will consider those taxes for all the states.



Weighted Overtime Rate (10.53508)

CMiC has enhanced the Payroll program to use 'Weighted Overtime Method' for determining the regular rate for overtime hours such as Travel, Training and etc, if required.

Where two rates of pay are paid during a workweek, the 'Weighted Overtime' method, used in California, for determining the Regular Rate of pay for calculating overtime in that workweek is to take the weighted average of all hourly rates paid.

Regular Rate Calculation:

3. The total earnings for the week, including the earnings during overtime hours are divided by the *total hours worked* during the week, *including the overtime hours*.
4. For each overtime hour worked, the employee is entitled to an additional one-half the regular rate for hours requiring over time and one half and an additional full rate for hours requiring double over time.

Calculating New Overtime Rate:

Total Straight Time Earning =

*(Normal Hours * Normal Rate) + (Overtime Hours * Normal Rate) + (Double-time Hours * Normal Rate) + (Other Hours * Other Hours Rate)*

Weighted Average Rate (WTAVGRT) *= (Total Straight Time Earning) / (Total Hours Worked)*

We will use the overtime/double-time rate code multiplier MINUS one as the premium factor to apply against the weighted average rate:

Extra Premium Rate *= (multiplier – 1) * WTAVGRT*

NEW OVHR RATE *= (NORMAL RATE) + (EXTRA PREM RATE)*

Example:

An employee, who makes $35 per hour worked and $18.00 per travel time, works 42.50 hours in a week, with 40 hours being at regular rate and 2.5 hours being travel time.

The New Overtime Rate Calculation is as follow:

Total Straight Time Earning =

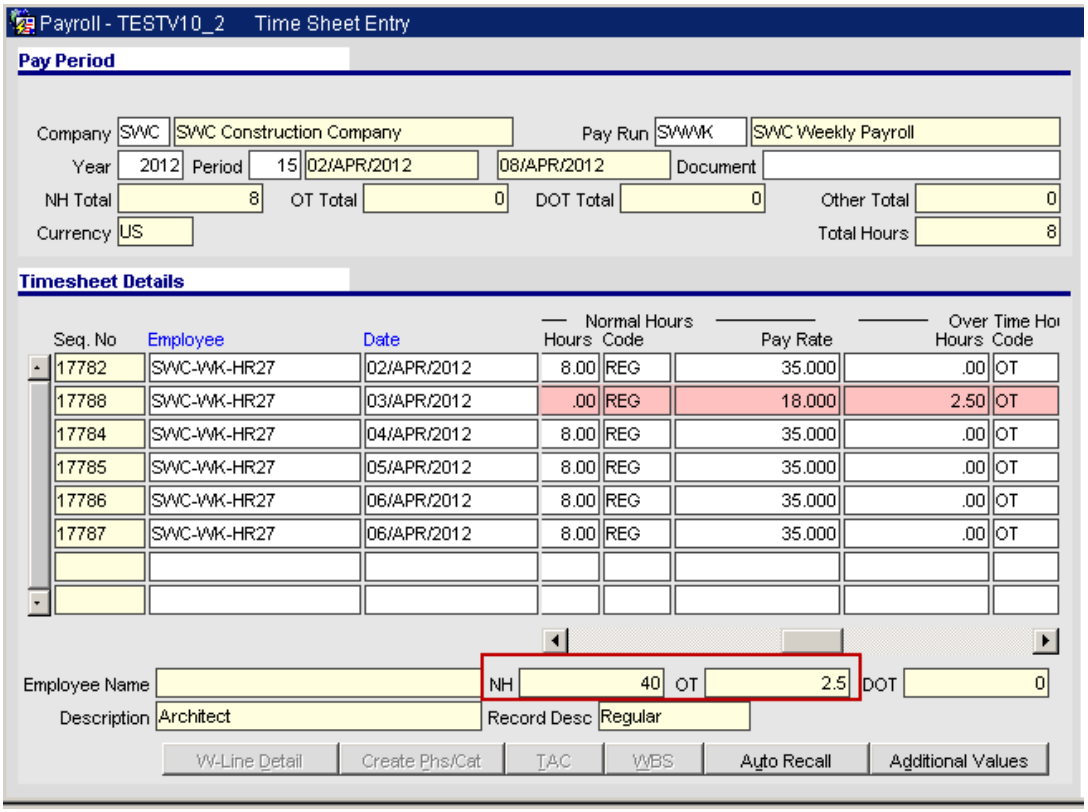
*(40 * $35) + (2.5 * $18) = $1,445.00*

Weighted Average Rate (WTAVGRT) *= $1,445.00 / 42.5 = $34*

Extra Premium Rate *= (1.5 – 1) * $34 = $17*

NEW OVHR RATE *= $18 + $17 = $35*

Total Normal Hours Wages *= (40 * $35) + (2.5 * $35) = $1487.5*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Company SWC SWC Construction Company
Pay Run SWWK SWC Weekly Payroll
Year 2012 Period 15 02/APR/2012 08/APR/2012 Document
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Currency US Total Hours 8
Timesheet Details
Seq. No Employee Date Normal Hours Hours Code Pay Rate Over Time Hours Code
17782 SWC-WK-HR27 02/APR/2012 8.00 REG 35.000 .00 OT
17788 SWC-WK-HR27 03/APR/2012 .00 REG 18.000 2.50 OT
17784 SWC-WK-HR27 04/APR/2012 8.00 REG 35.000 .00 OT
17785 SWC-WK-HR27 05/APR/2012 8.00 REG 35.000 .00 OT
17786 SWC-WK-HR27 06/APR/2012 8.00 REG 35.000 .00 OT
17787 SWC-WK-HR27 06/APR/2012 8.00 REG 35.000 .00 OT
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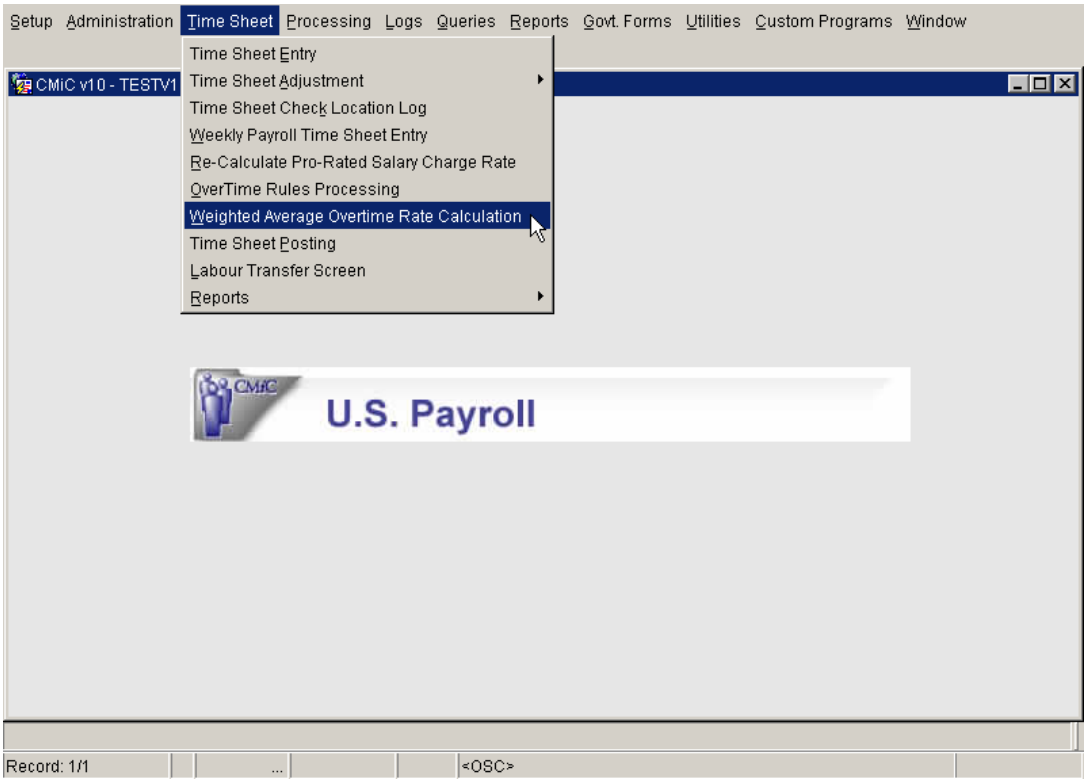
W-Line Detail Create Phs/Cat TAC WBS Auto Recall Additional Values


Setup Administration Time Sheet Processing Logs Queries Reports Govt. Forms Utilities Custom Programs Window
Time Sheet Entry
Time Sheet Adjustment
Time Sheet Check Location Log
Weekly Payroll Time Sheet Entry
Re-Calculate Pro-Rated Salary Charge Rate
OverTime Rules Processing
Weighted Average Overtime Rate Calculation
Time Sheet Posting
Labour Transfer Screen
Reports
CMiC v10 - TESTV1
U.S. Payroll
Record: 1/1
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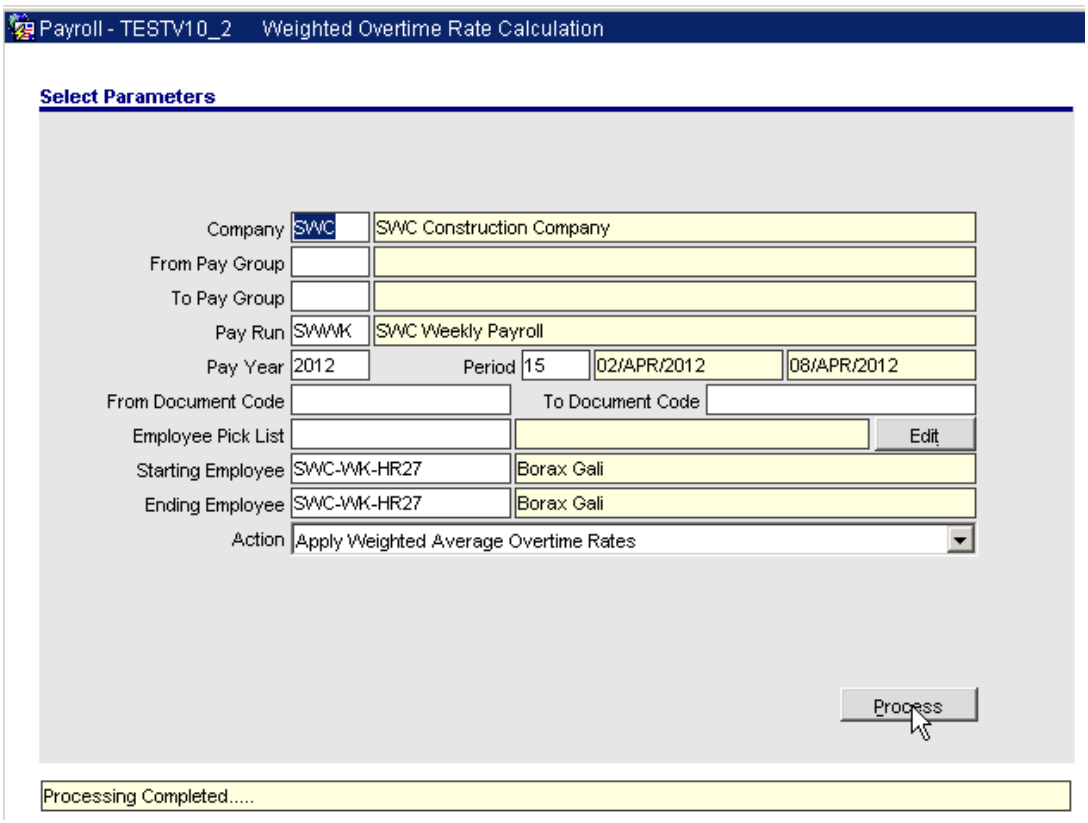
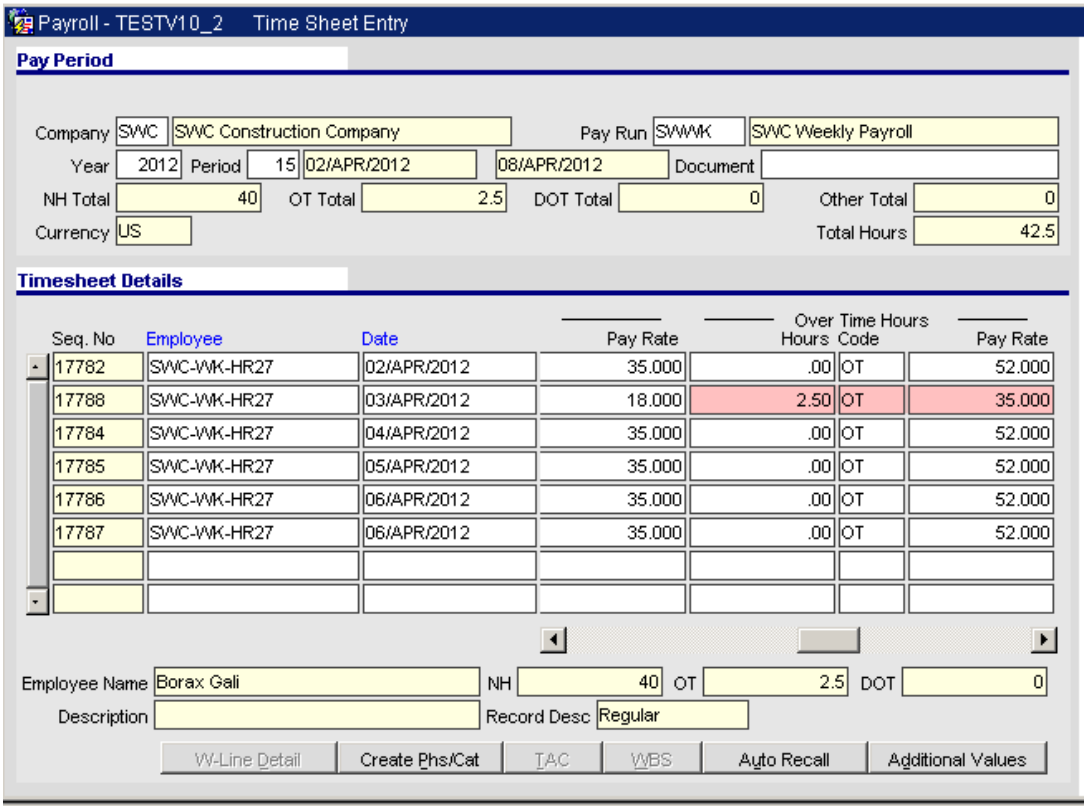

Payroll - TESTV10_2 Weighted Overtime Rate Calculation
Select Parameters
Company SWC SWC Construction Company
From Pay Group
To Pay Group
Pay Run SWWK SWC Weekly Payroll
Pay Year 2012 Period 15 02/APR/2012 08/APR/2012
From Document Code To Document Code
Employee Pick List Edit
Starting Employee SWC-WK-HR27 Borax Gali
Ending Employee SWC-WK-HR27 Borax Gali
Action Apply Weighted Average Overtime Rates
Process
Processing Completed.....


Payroll - TESTV10_2 Time Sheet Entry
Pay Period
Company SWC SWC Construction Company Pay Run SWWK SWC Weekly Payroll
Year 2012 Period 15 02/APR/2012 08/APR/2012 Document
NH Total 40 OT Total 2.5 DOT Total 0 Other Total 0
Currency US Total Hours 42.5
Timesheet Details
Seq. No Employee Date Pay Rate Hours Over Time Hours Code Pay Rate
17782 SWC-WK-HR27 02/APR/2012 35.000 .00 OT 52.000
17788 SWC-WK-HR27 03/APR/2012 18.000 2.50 OT 35.000
17784 SWC-WK-HR27 04/APR/2012 35.000 .00 OT 52.000
17785 SWC-WK-HR27 05/APR/2012 35.000 .00 OT 52.000
17786 SWC-WK-HR27 06/APR/2012 35.000 .00 OT 52.000
17787 SWC-WK-HR27 06/APR/2012 35.000 .00 OT 52.000
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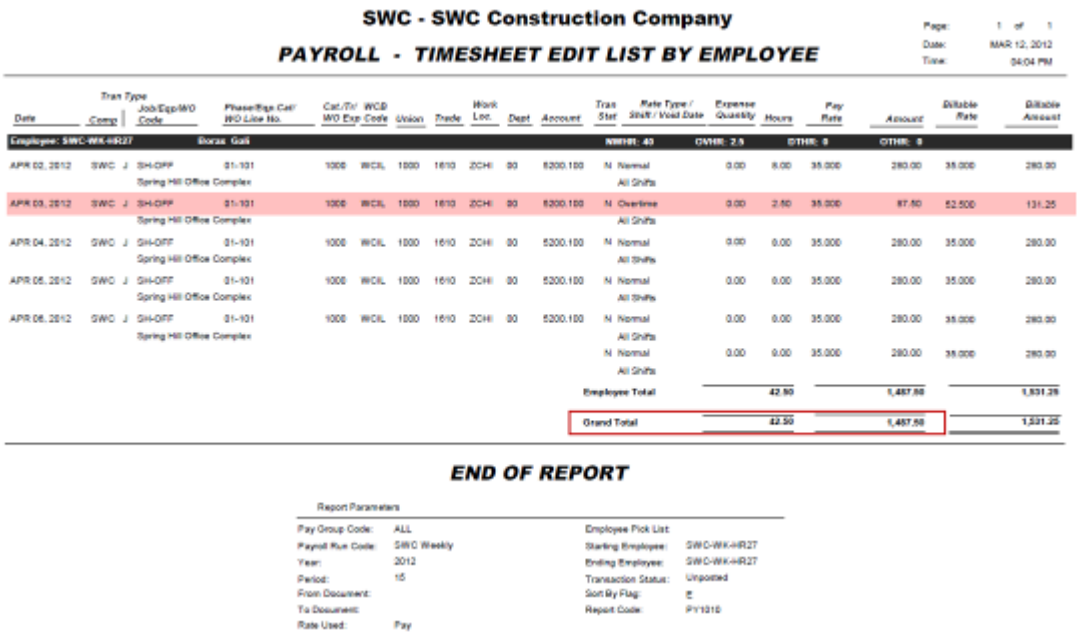


SWC - SWC Construction Company

PAYROLL - TIMESHEET EDIT LIST BY EMPLOYEE

Page: 1 of 1
Date: MAR 12, 2012
Time: 04:04 PM

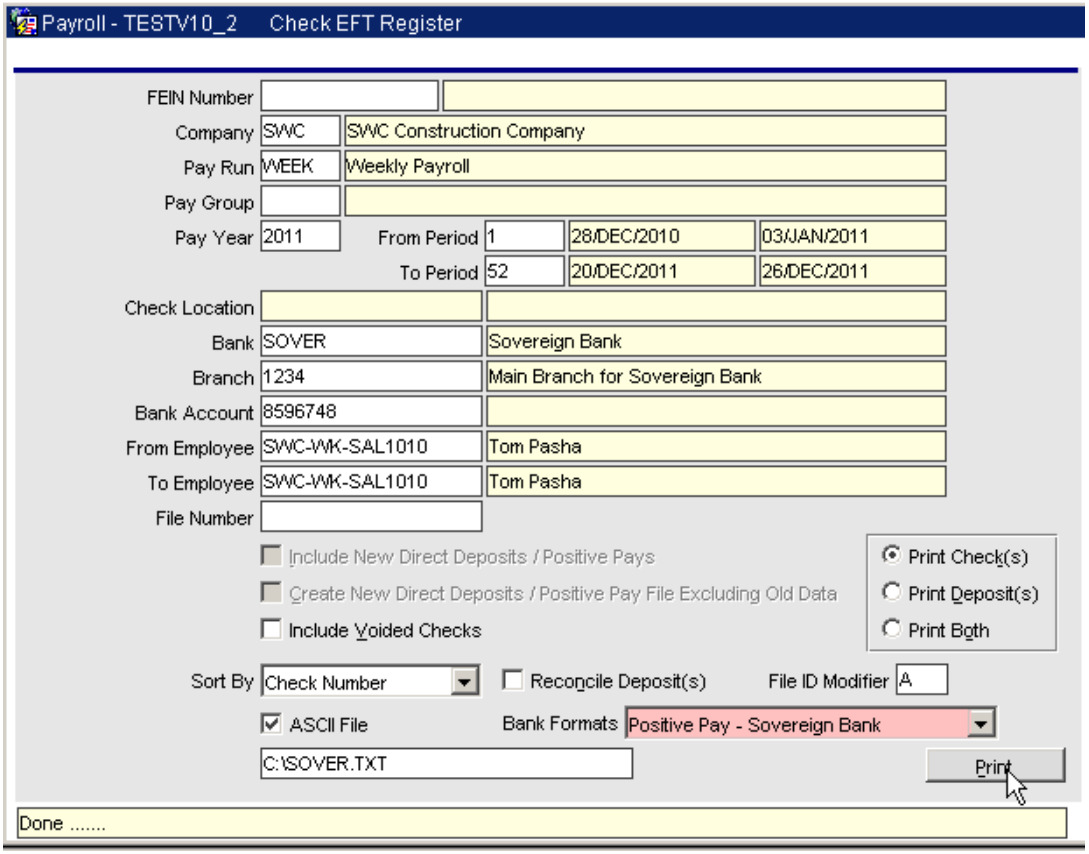
Date	Tran Type / Comp	Job/Equ/WO Code	Phase/Sgn Cat/ WO Line No.	Cat./Tr/ WO Exp	WCB Code	Union	Trade	Work Loc.	Dept	Account	Tran Stat	Rate Type / Shift / Void Date	Expense Quantity	Hours	Pay Rate	Amount	Billable Rate	Billable Amount
Employee: SWC-WK-HR27		Boras Gail										NRHR: 40	OVHR: 2.5		DTHR: 0	OTHR: 0		
APR 02, 2012	SWC J	SH-OFF Spring Hill Office Complex	01-101	1000	WCB	1000	1610	ZCHI	00	5200.100	N	Normal All Shifts	0.00	8.00	35.000	280.00	35.000	280.00
APR 03, 2012	SWC J	SH-OFF Spring Hill Office Complex	01-101	1000	WCB	1000	1610	ZCHI	00	5200.100	N	Overtime All Shifts	0.00	2.50	35.000	87.50	52.500	131.25
APR 04, 2012	SWC J	SH-OFF Spring Hill Office Complex	01-101	1000	WCB	1000	1610	ZCHI	00	5200.100	N	Normal All Shifts	0.00	8.00	35.000	280.00	35.000	280.00
APR 05, 2012	SWC J	SH-OFF Spring Hill Office Complex	01-101	1000	WCB	1000	1610	ZCHI	00	5200.100	N	Normal All Shifts	0.00	8.00	35.000	280.00	35.000	280.00
APR 06, 2012	SWC J	SH-OFF Spring Hill Office Complex	01-101	1000	WCB	1000	1610	ZCHI	00	5200.100	N	Normal All Shifts	0.00	8.00	35.000	280.00	35.000	280.00
											N	Normal All Shifts	0.00	8.00	35.000	280.00	35.000	280.00
												Employee Total		42.50		1,487.50		1,531.25
												Grand Total		42.50		1,487.50		1,531.25

END OF REPORT

Report Parameters

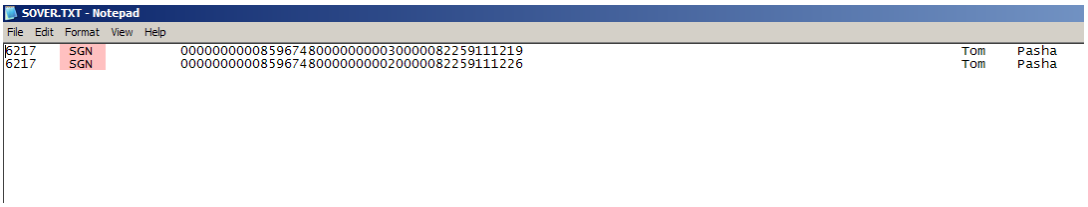
Pay Group Code:	ALL	Employee Pick List:	
Payroll Run Code:	SWC Weekly	Starting Employee:	SWC-WK-HR27
Year:	2012	Ending Employee:	SWC-WK-HR27
Period:	15	Transaction Status:	Unposted
From Document:		Sort By Flag:	E
To Document:		Report Code:	PY1310
Rate Used:	Pay		

Positive Pay File Format for Sovereign Bank (11.64292)

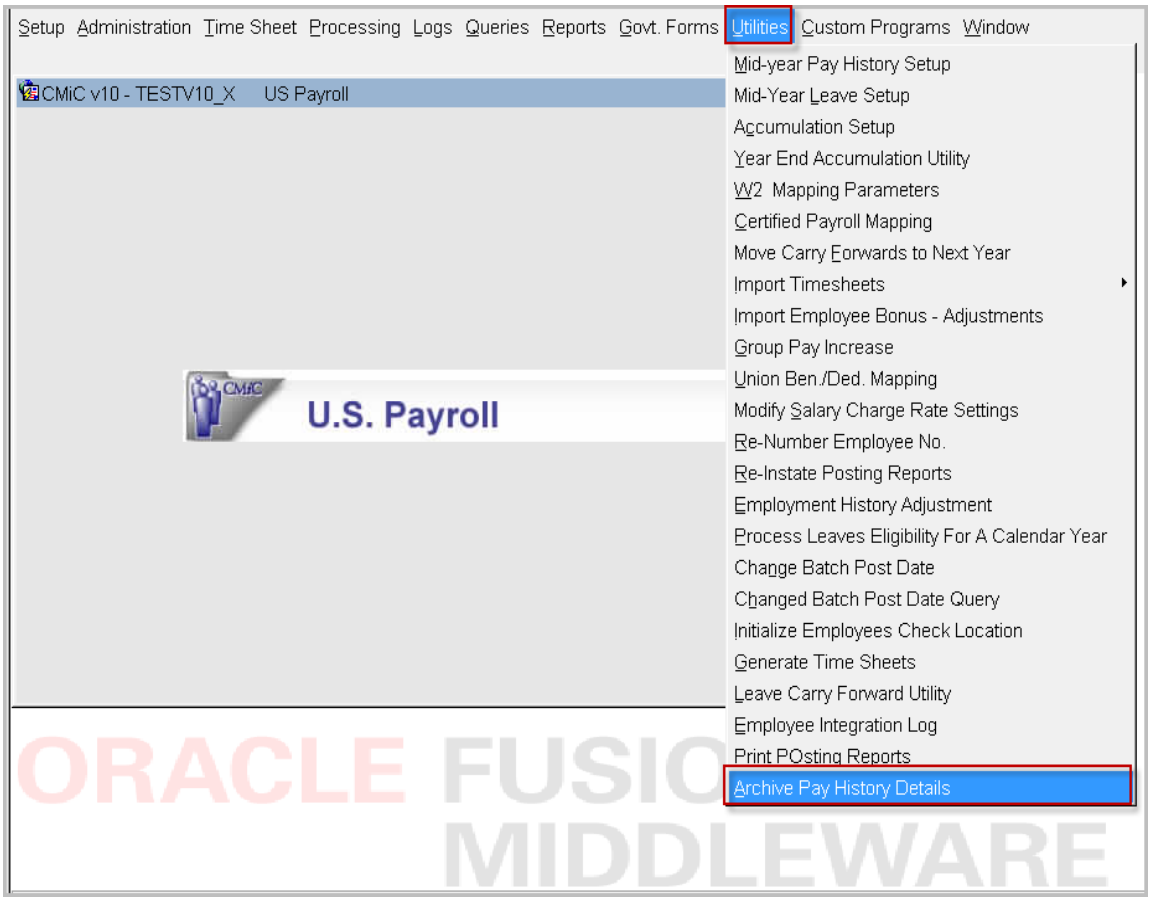


CMiC has modified the Check EFT Register form and added a 'Positive Pay – Sovereign Bank' file format.

NOTE: The Bank No. is not hard coded in the file format; instead this format will show the value which is set up in the ID field of the referenced bank setup.



Archive Pay History Details – Utility (16.22083)



CMiC has developed and created a new payroll utility for payroll data archiving to allow users to archive Employee Pay History transactions and data based on payroll year. The new program and utility has the functionality to archive and store payroll year history data from the Payroll table to increase payroll processing performance.

Under the **Utilities** Payroll menu, select **Archive Pay History Details**. The program will move Employee Pay History details from the 'active' current PYEMPAYHIST table to the 'archive' ARCHIVE_PYEMPPAYHIST table. The program will delete the moved years from the current table and store them in the ARCHIVE_PYEMPAYHIST table.

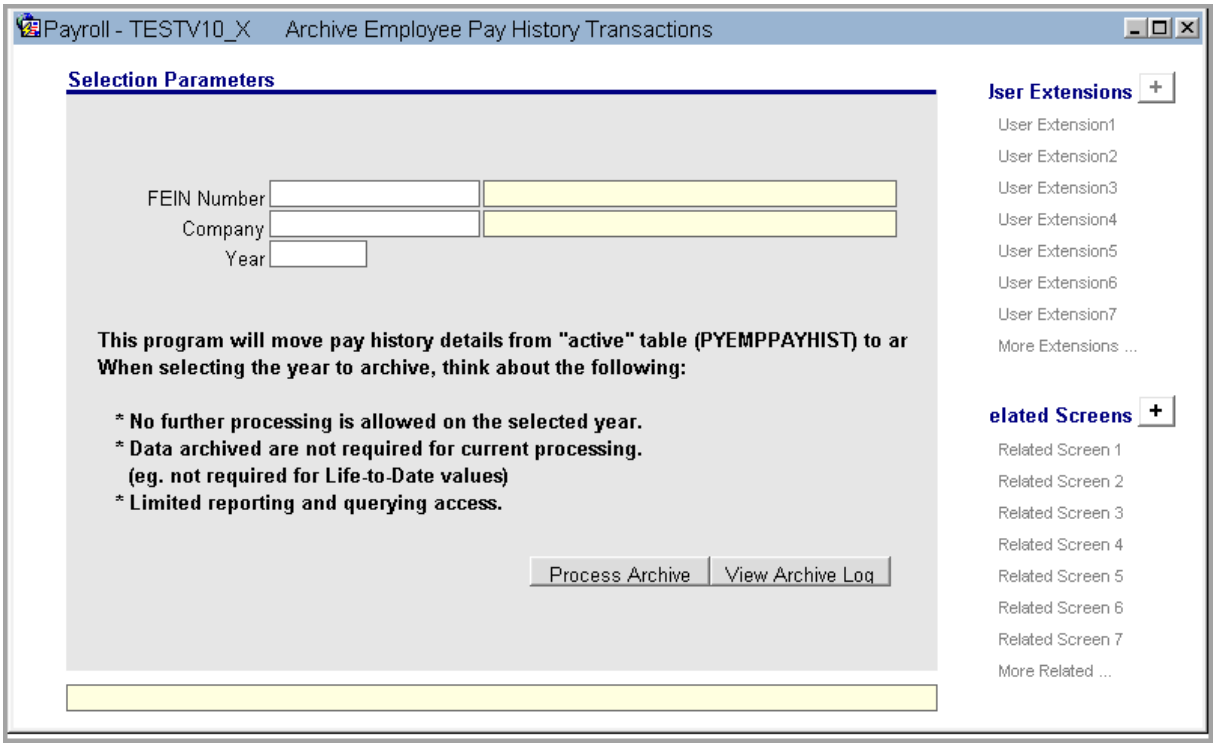
NOTE: When selecting the year to archive, ensure and think about the following prior to archiving:

No further processing is allowed on the selected year. The data archived is not required for current processing (eg. Not required for Life-to-Date values).

Once records are committed and archived, there is no rolling back of the archived data.

Currently there is limited reporting and querying access.

Archive Employee Pay History Transactions – Parameters Screen



Pgm: PYPAYHIST_ARCHIVE - Archive Employee Pay History

The system will not allow recent years to be archived. Archive data should be more than 3 years prior to current year. Example: If current Year = 2016, user can only archive years **on** or **prior** to 2012.

System will only move records that are paid and marked with a Cheque Sequence Number.

Pay History records are moved by Pay Run Year (payroll Year) and Pay Period for that Year, one at a time.

NOTE: It is highly recommended to have System Security and User Access assigned to this program. Users should define and assign a specific Role to this Utility Program in the System module.

Selection Parameters

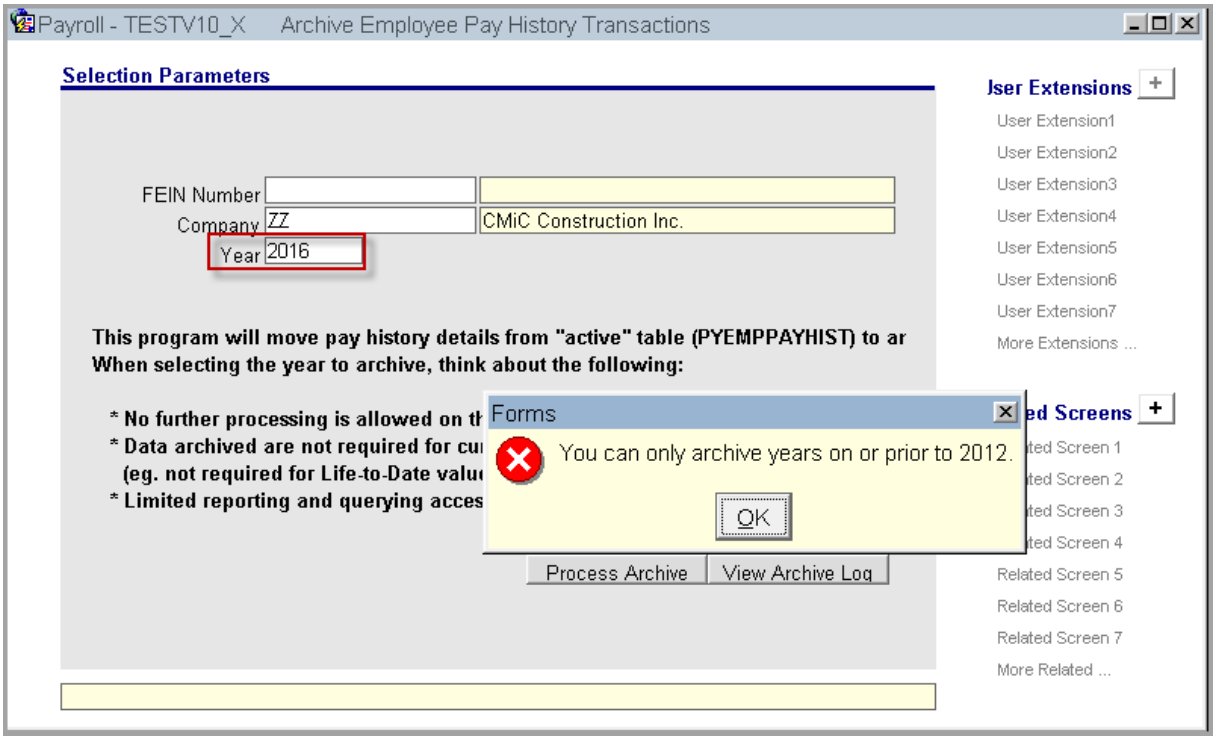
System will identify the Pay Run Code, the Year related to the Pay and Pay Period.

FIEN Number, Company

FEIN Number Or Company Code must be entered.

Year

Enter Payroll Year for archiving Employee Pay History Transactions.



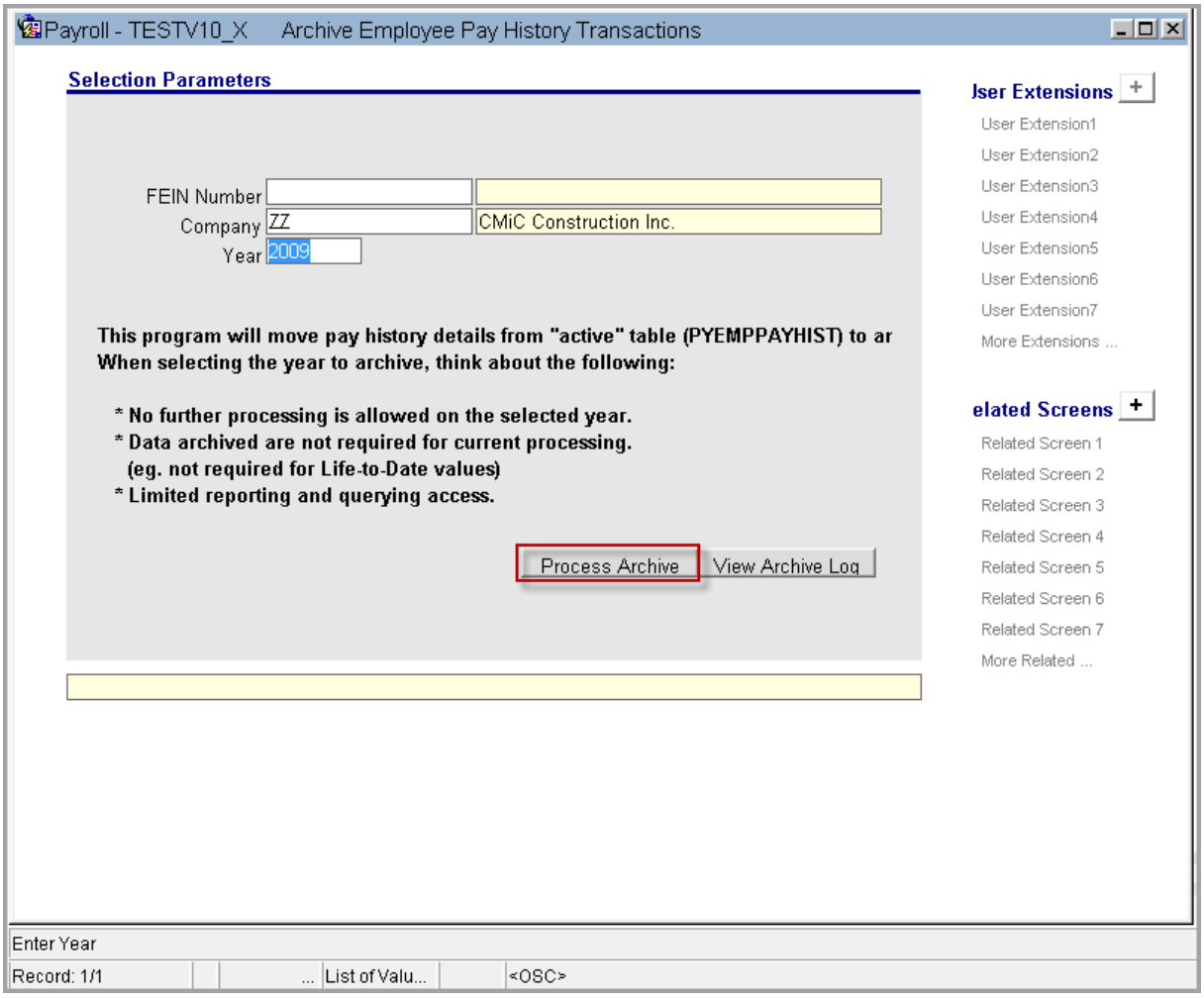
Pgm: PYPAYHIST_ARCHIVE - Archive Employee Pay History

NOTE: System will not allow recent years to be archived. Archive data should be more than 3 years prior to current year. Example: Current Year = 2016, user can only archive years **on** or **prior** to 2012.

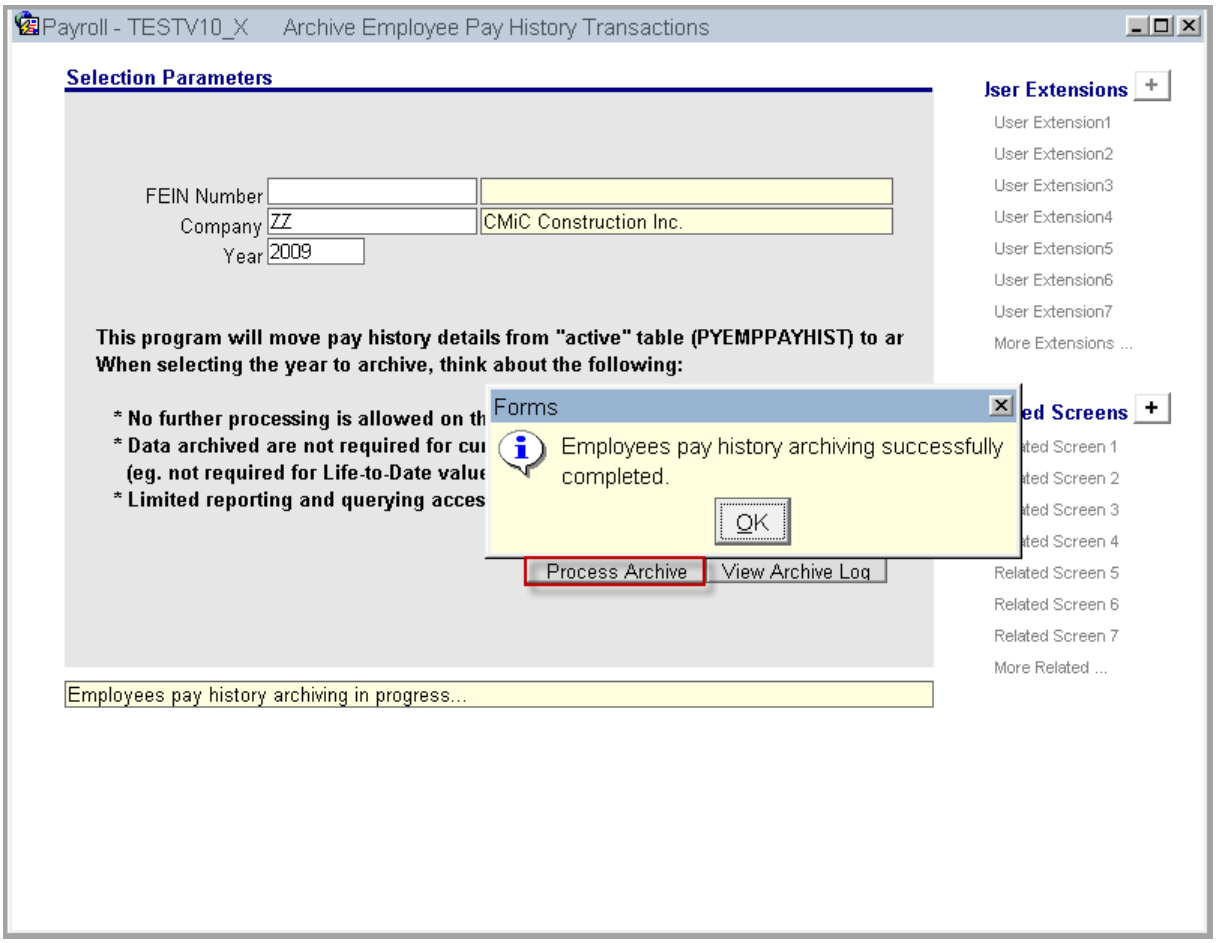
[**Process Archive**] – Button

When user enters the parameters and clicks [**Process Archive**], system will initiate the process of archiving the Employee Pay History Data Transactions. The program will archive, commit and move the Employee Pay History records from the current 'active' (PYEMPAYHIST) table to the Archive Payroll Employee Pay History (ARCHIVE PYEMPPAYHIST) table, based on the parameters selection.

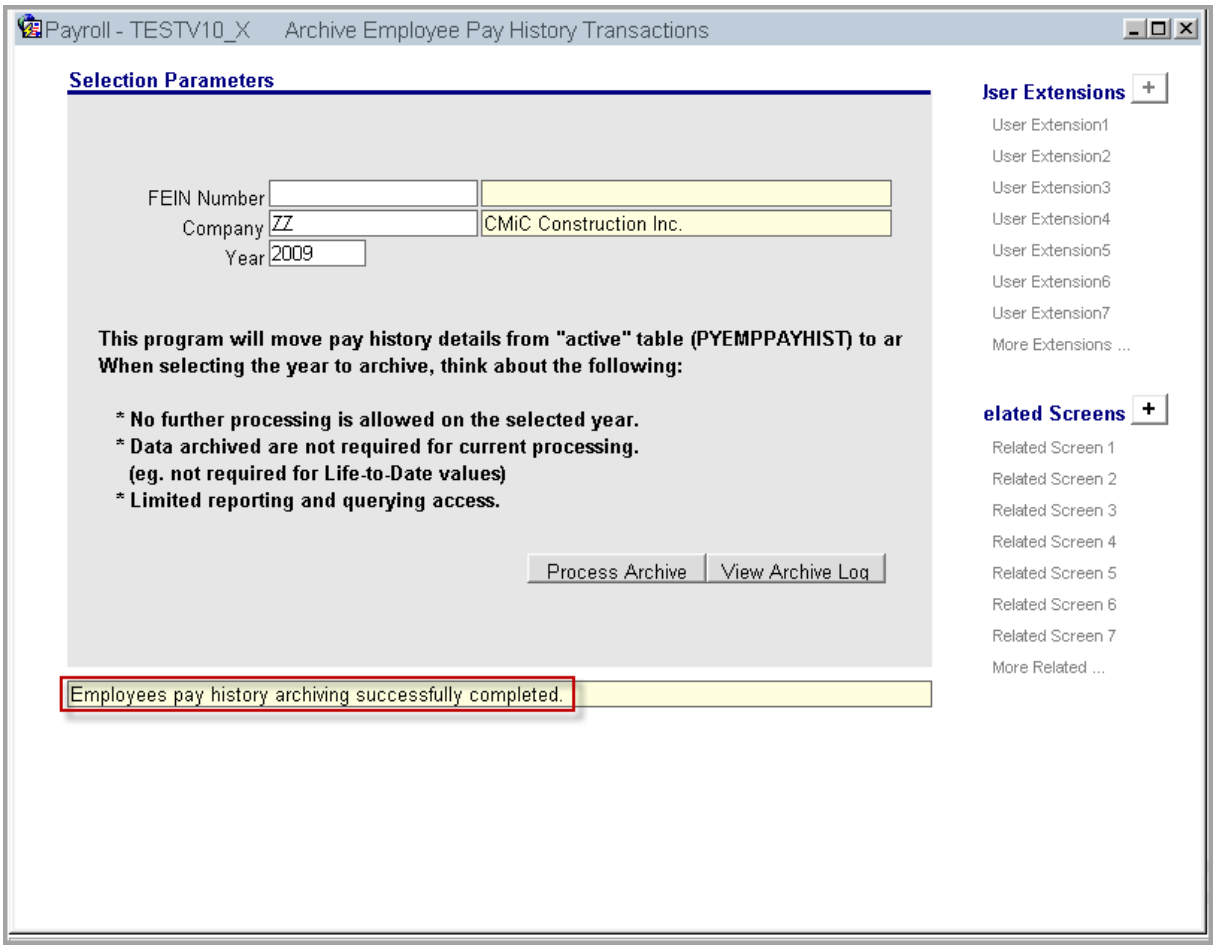
The records are moved and archived by Pay Run and Pay Period Year based on the Payroll Year, one at a time. The system will identify the Pay Run Code, the Year related to the Pay and Pay Period.



Pgm: PYPAYHIST_ARCHIVE - Archive Employee Pay History



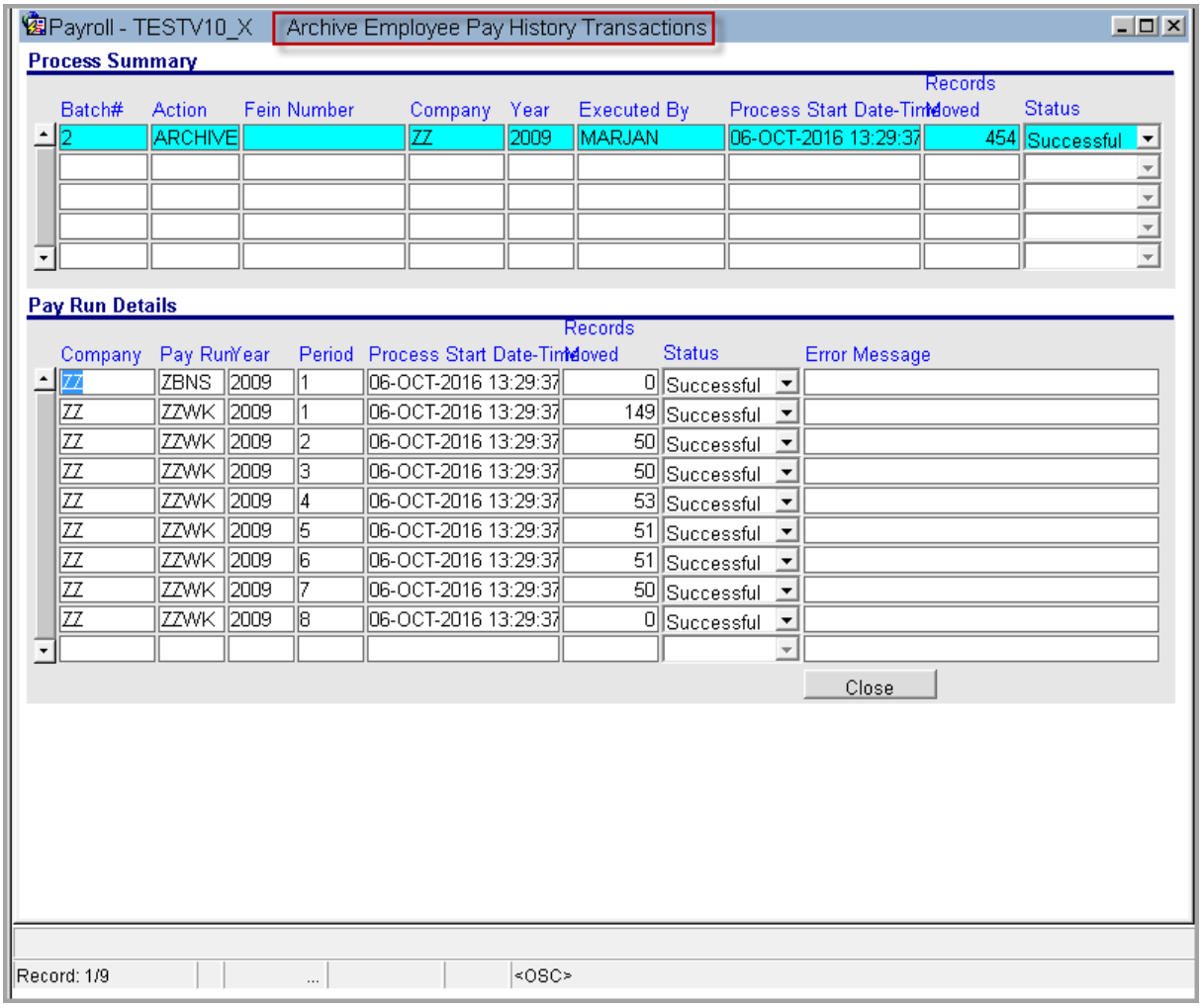
Pgm: PYPAYHIST_ARCHIVE - Archive Employee Pay History



Pgm: PYPAYHIST_ARCHIVE - Archive Employee Pay History

[**View Archive Log**] – Button

When Employees Pay History archiving process is successfully completed, user can then view archive log by clicking this button.



Pgm: PYPAYHIST_ARCHIVE – Archive Employee Pay History (pyemppayhist_archive_log (Table))

The Archive Log Screen is divided into two sections, the Process Summary sections displays the Batch Header records and Pay Run Details displays the Pay Period record details. User is able to query the screen. Insert, modify and update is not allowed. The following are descriptions for the fields on this screen:

Process Summary (Batch Header Record)

Field	Description
Batch #:	Unique Batch Number for Archive process.
Action:	Action Code (ARCHIVE)
Fein Number:	Fein Number; applicable for Batch record.
Company:	Company Code; applicable for Batch record and Detail record.
Year:	Payroll Year; applicable for Batch record and Detail record.
Executed by:	Archive Process Start and executed by user.
Process Start Date-Time:	Archive Process Start Date and Time.
Records Moved:	Number of Pay History records archived.

Field	Description
Status:	Status of the archived records: Successful, Error Occurred, Incomplete.

Pay Run Details (Detail Record)

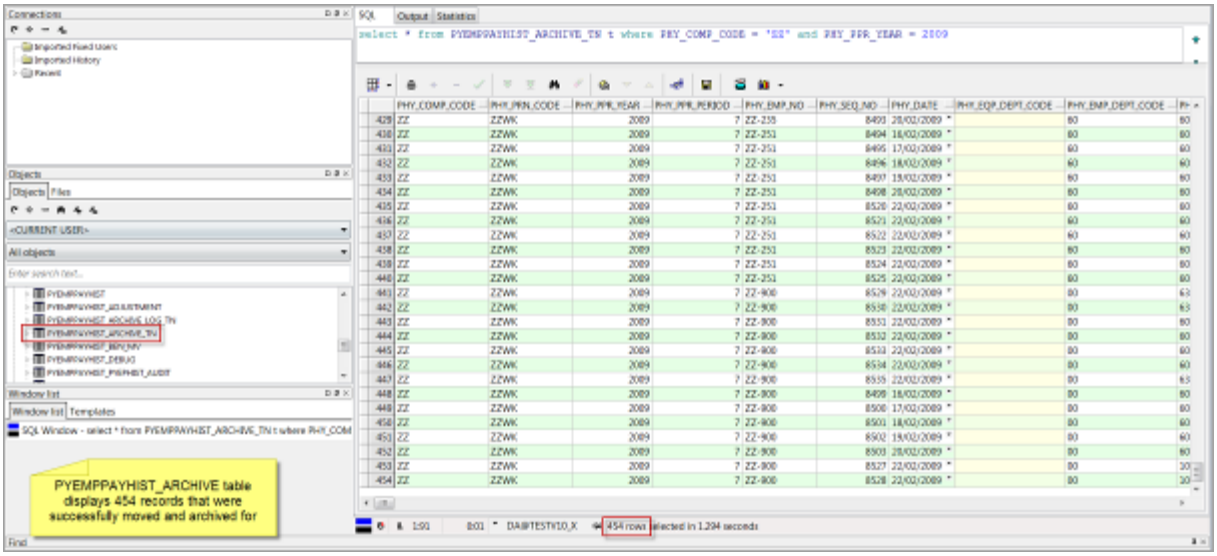
Field	Description
Company	Company Code; applicable for Batch record and Detail record.
Pay Run	Pay Run Code; applicable for Detail record.
Year	Fein Number; applicable for Batch record.
Period	Pay Period; applicable for Detail record.
Process Start Date-Time	Archive Process Start Date and Time.
Records Moved	Number of Pay History Records archived for the Pay Period.
Status	Status of the archived records: Successful, Error Occurred.
Error Message	Displays the error message.

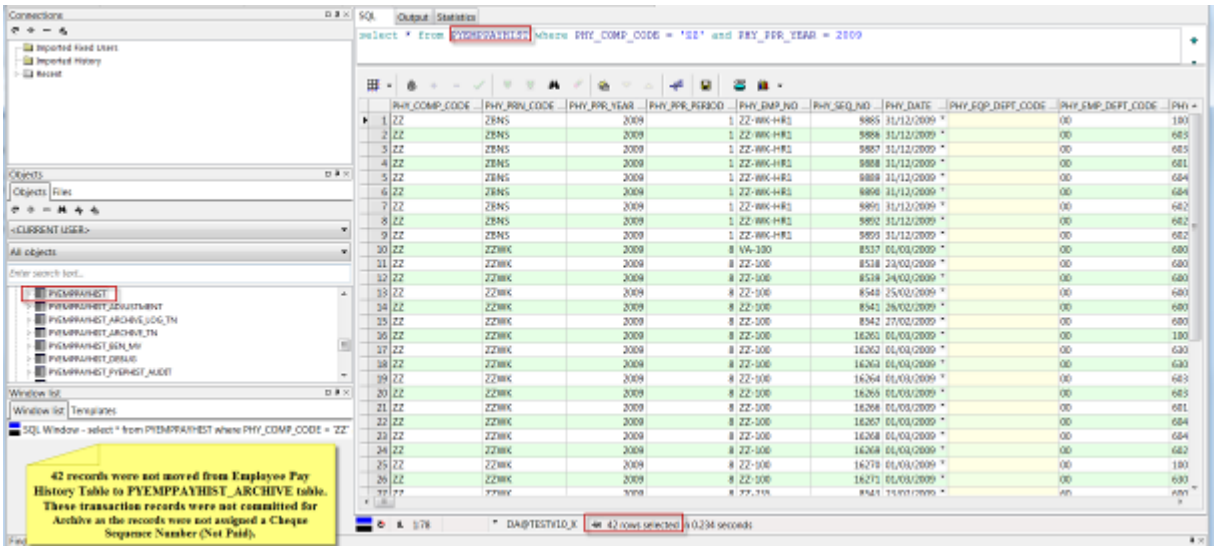
[**Close**] – Button

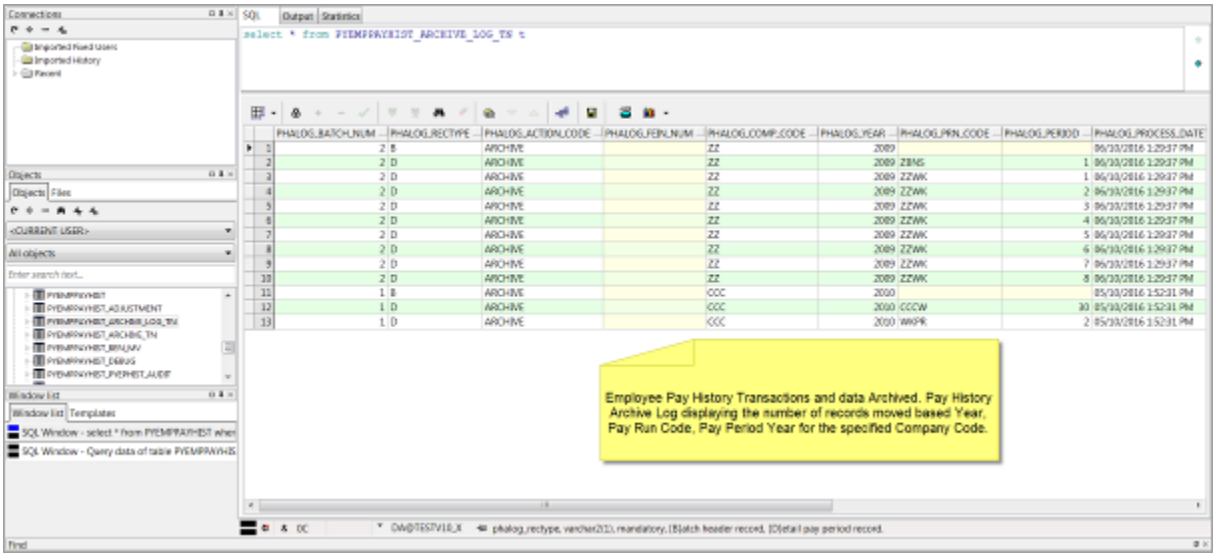
User can close and exit this screen by selecting the [**Close**] Button.

PYEMPAYHIST_ARCHIVE

The following is the PYEMPAYHIST_ARCHIVE table, displaying the moved and archived Employee Pay History Transactions and records for Company ‘ZZ’ for Year 2009.





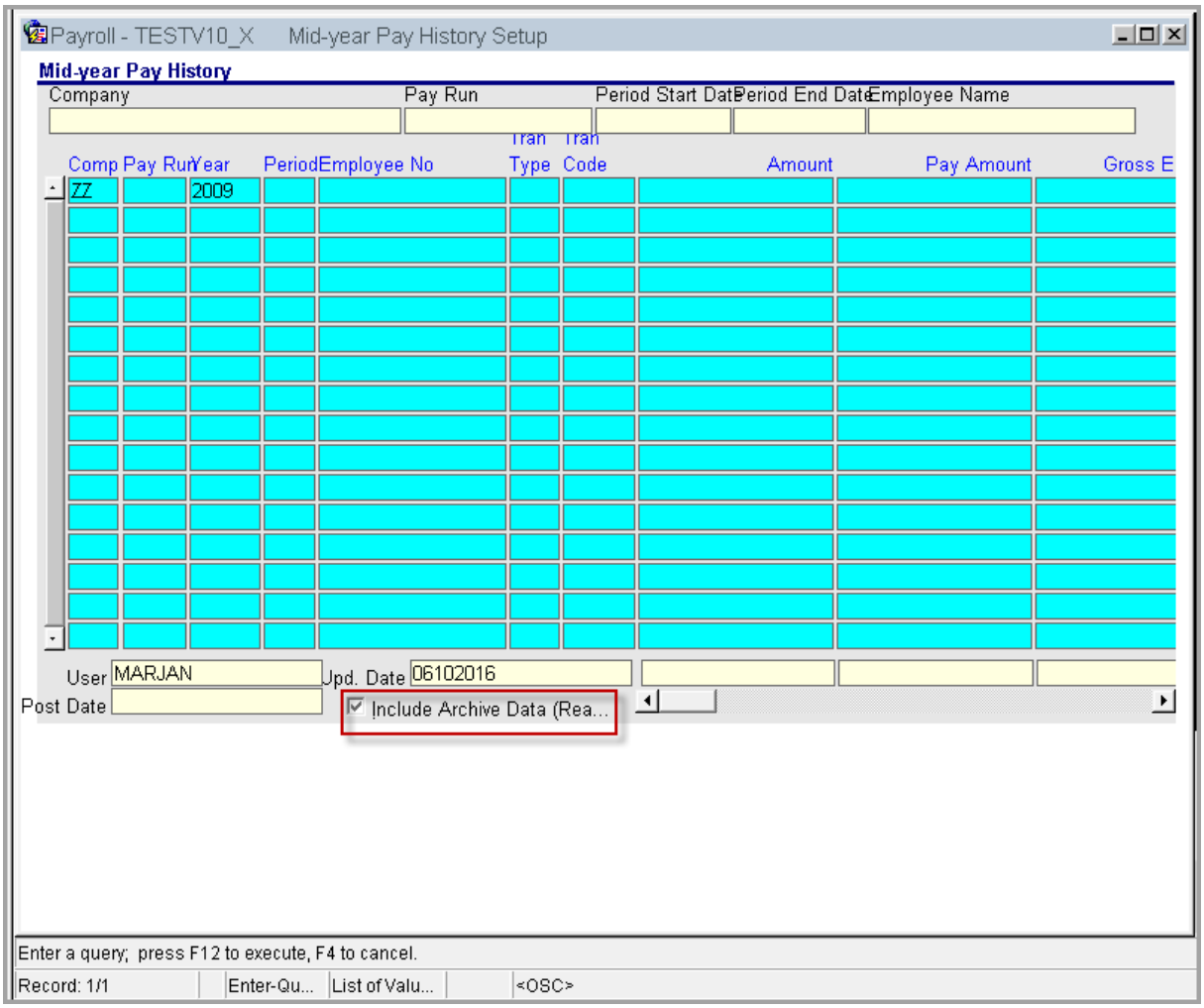


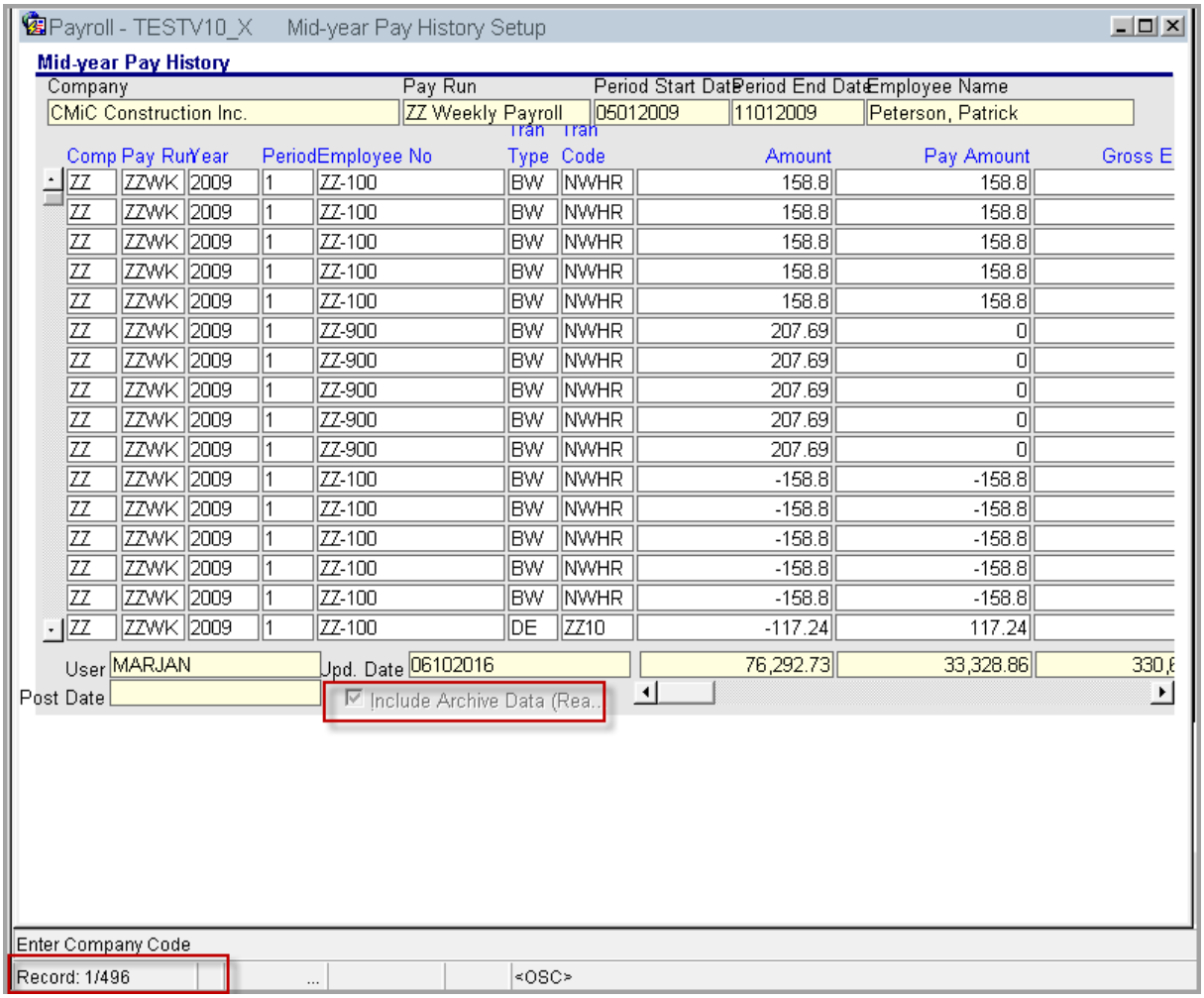
Mid-Year Pay History Setup Screen (Modification) (16.22083)

CMiC has added a new checkbox, **Include Archive Data**, to the **Mid-Year Pay History** screen (PYEPHIST) to facilitate and allow users to query the PYEMPPAYHIST table in payroll, with and without Archive Data. This new checkbox works in conjunction with the new utility developed for Payroll Data Archiving.

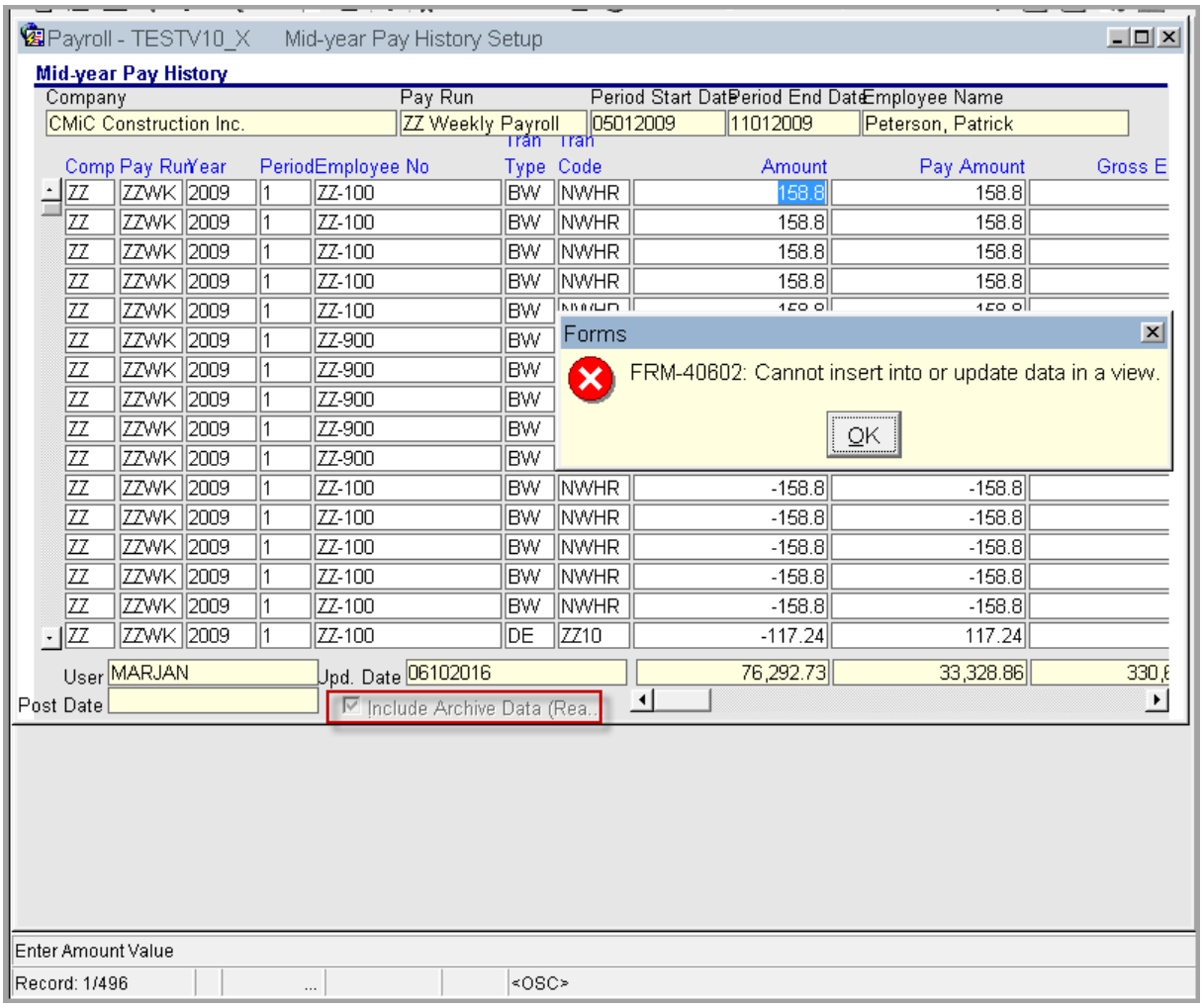
In the Mid-Year Pay History screen, when a user executes a query with the **Include Archive Data** checkbox checked to Include Archive Data, the system will retrieve and display the Payroll Employee Pay History details, including the Archived Data. The checkbox to include Archived Data provides a combined view of PYEMPPAYHIST and PYEMPPAYHIST_ARCHIVE tables.

NOTE: At this point there is no updating or query available on this utility when this checkbox is checked to include Archived Data. Users cannot insert or update data in a view when Archive Data is included in the query.

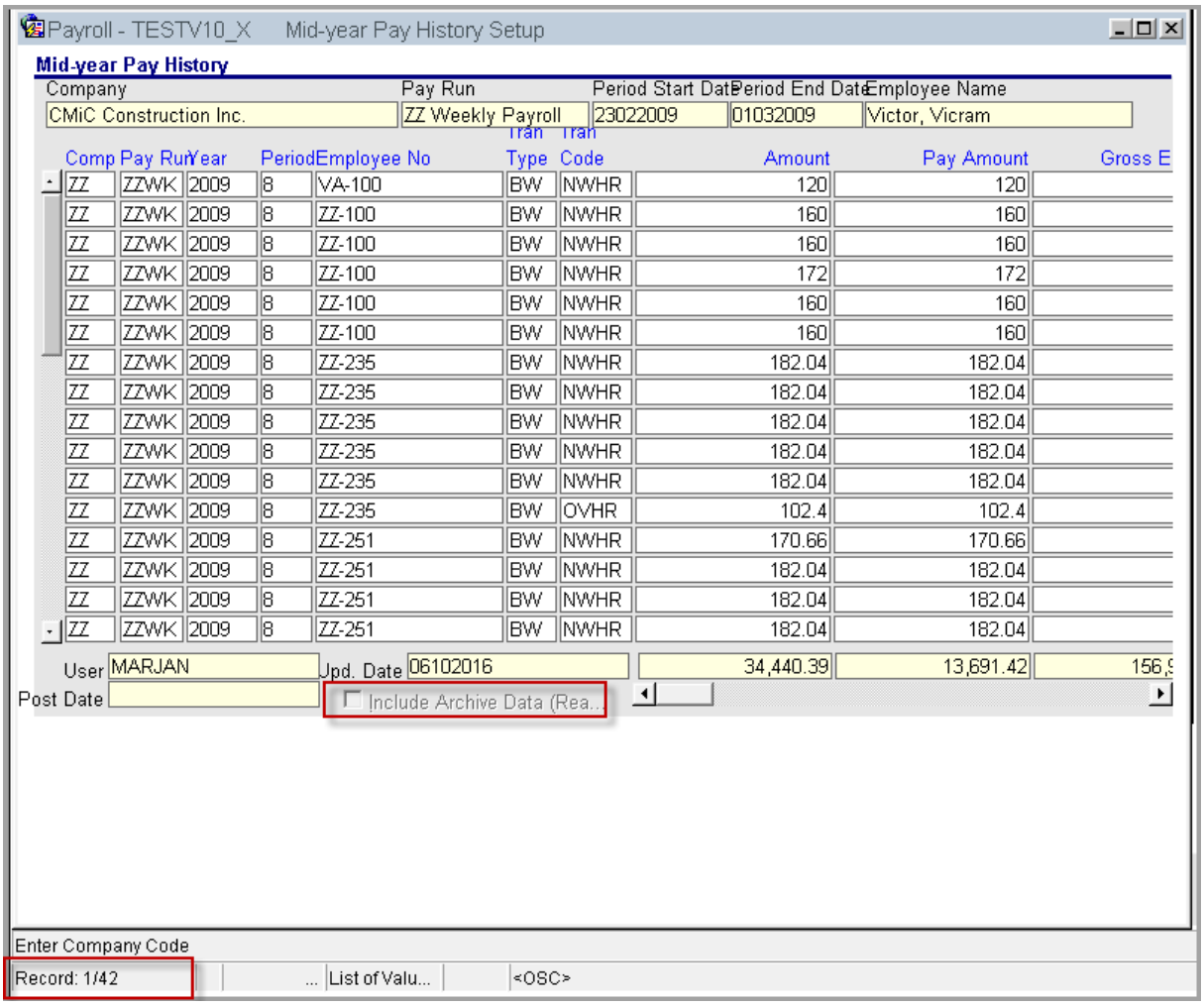

Payroll - TESTV10_X
Mid-year Pay History Setup
Mid-year Pay History
Company
Pay Run
Period Start Date
Period End Date
Employee Name
Comp
Pay Run
Year
Period
Employee No
Tran Type
Tran Code
Amount
Pay Amount
Gross E
ZZ
2009
User
MARJAN
Upd. Date
06102016
Post Date
Include Archive Data (Rea...
Enter a query; press F12 to execute, F4 to cancel.
Record: 1/1
Enter-Qu...
List of Valu...
<OSC>



Query Mid-Year Pay History retrieved 496 records including the Archived Employee Pay History Transactions records. Archived Data 454 + 42 not archived records.



Query Mid-Year Pay History without the **Include Archive Data** checkbox checked.

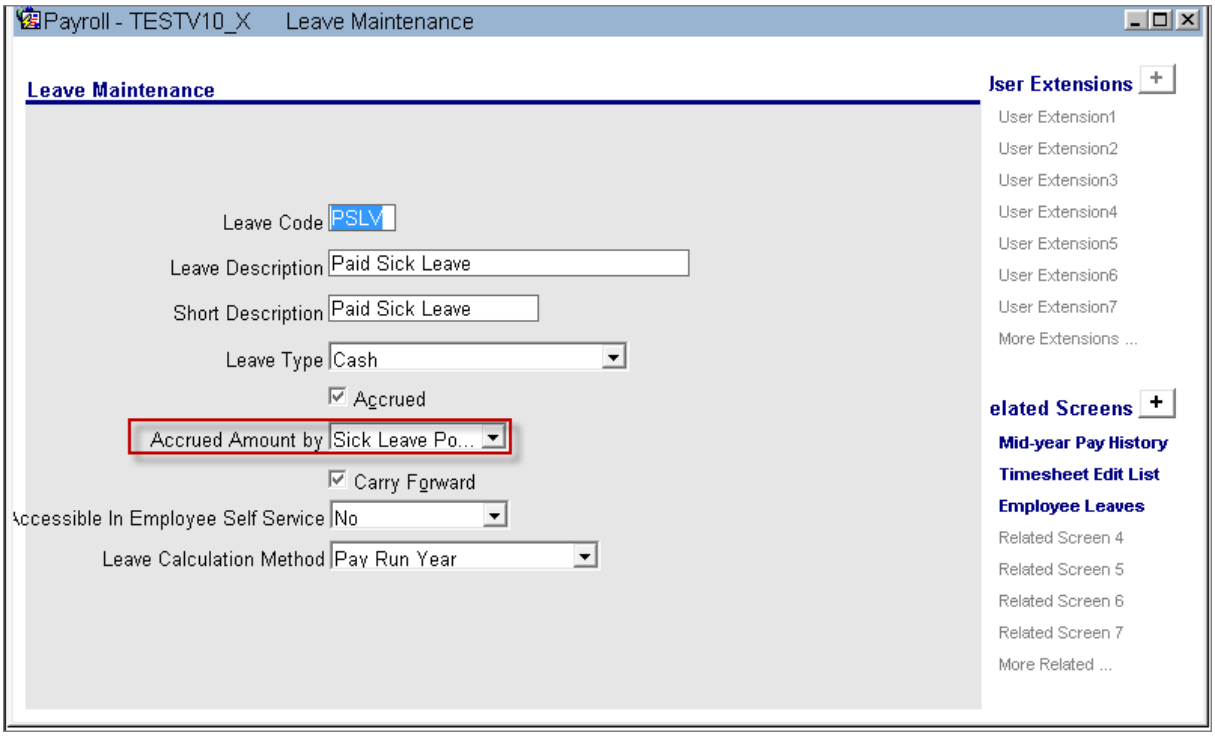


Sick Leave Functionality for Federal Contractors (16.26315)

CMiC has developed a new Sick Leave functionality based on the rule and requirement by US Department of Labor, to establish 'Paid Sick Leave for Federal Contractors' as part of compliance starting in year 2017.

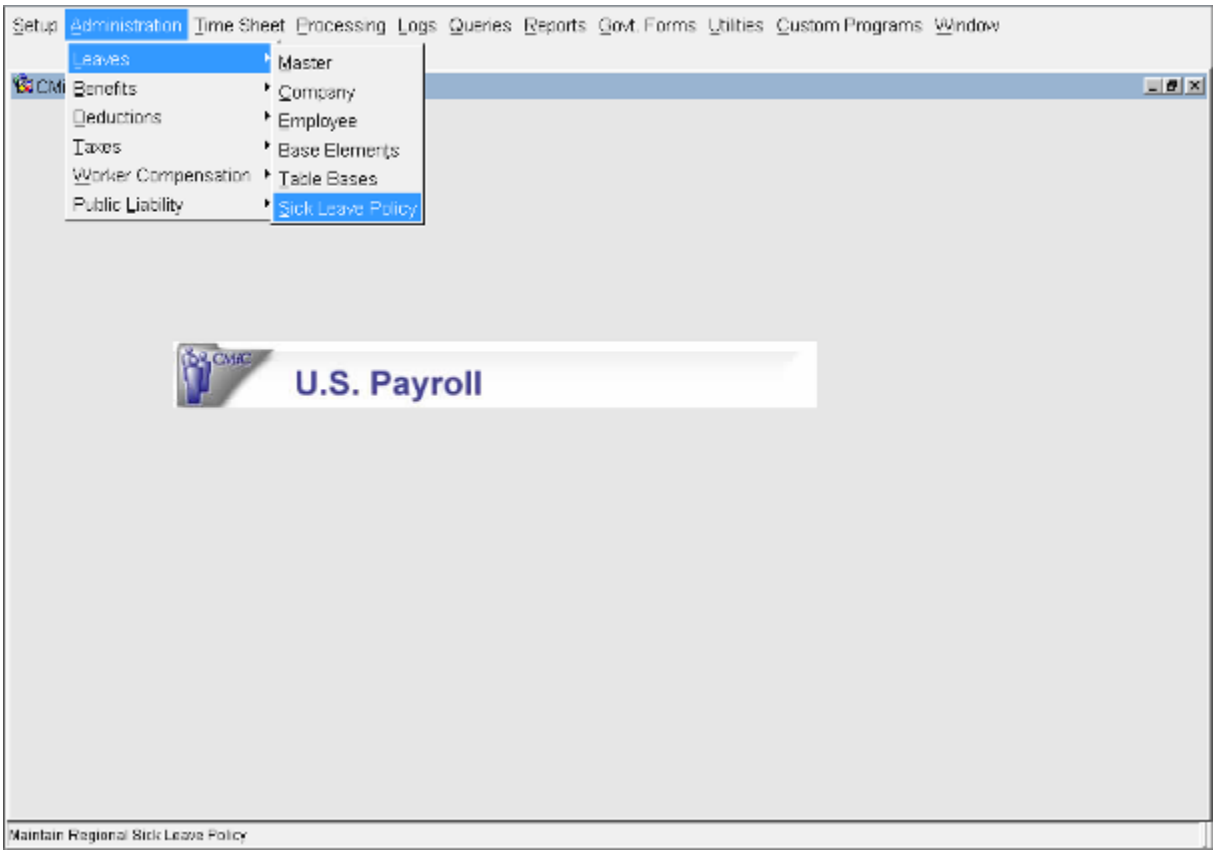
New Functionality:

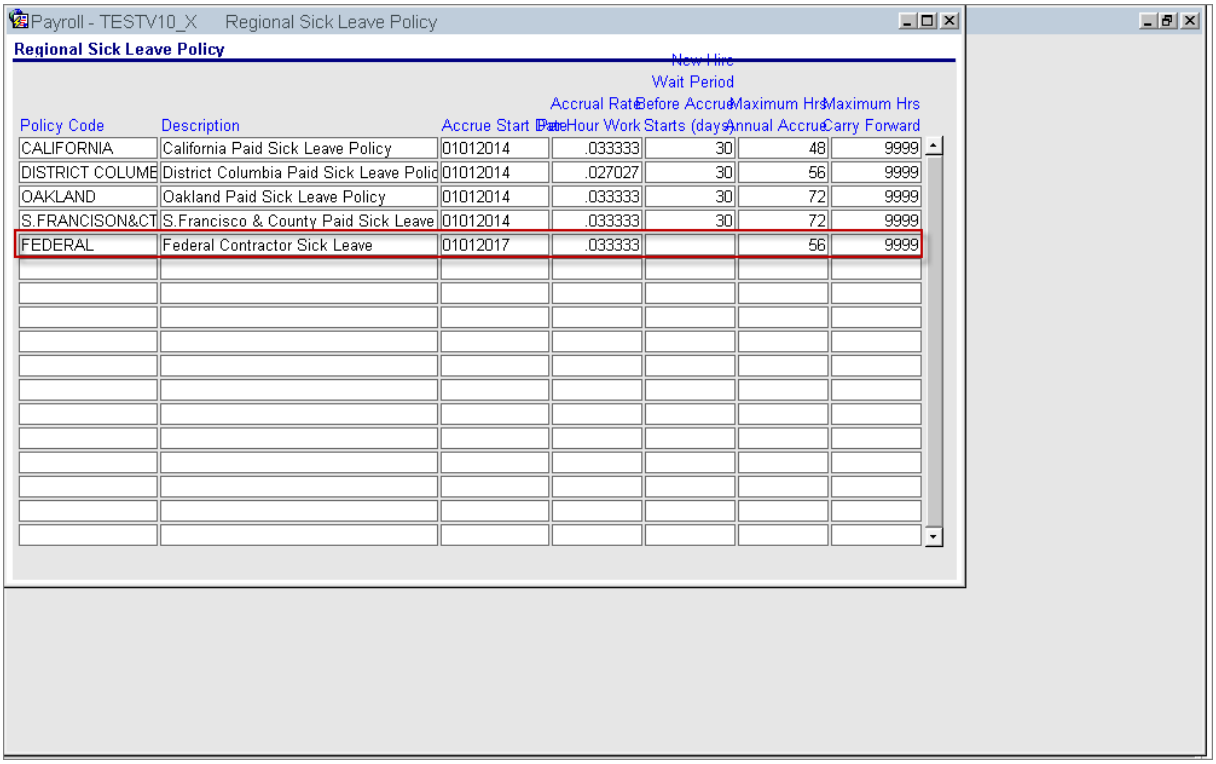
The Sick Leave Functionality for Federal Contractors is a **job sick leave policy**. Setups are just like the current regional sick leave policy which is referenced on the work location. However, in this new functionality developed, users can also reference a job sick leave policy on the job (from Job Work Location Maintenance screen). The job sick leave policy will take precedence over the work location sick leave policy.



Pgm: PYLEAVE – Leave Maintenance (Master); standard Treeview Path: Payroll > Administration > Leaves > Master

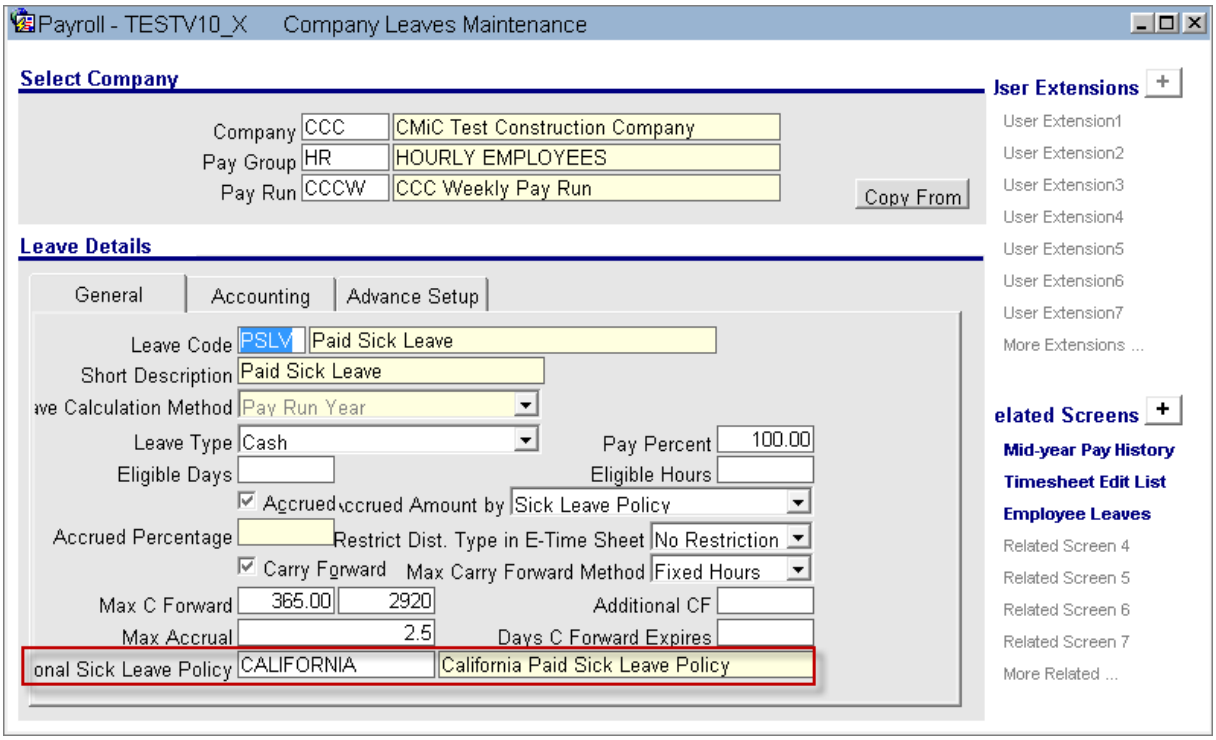
Use the Leave Maintenance screen to set up the Leave Code for the Sick Leave setup, and ensure the **Accrued Amount** field is set to "**Sick Leave Policy**".





Pgm: PYSICKLEAVE - Regional Sick Leave Policy

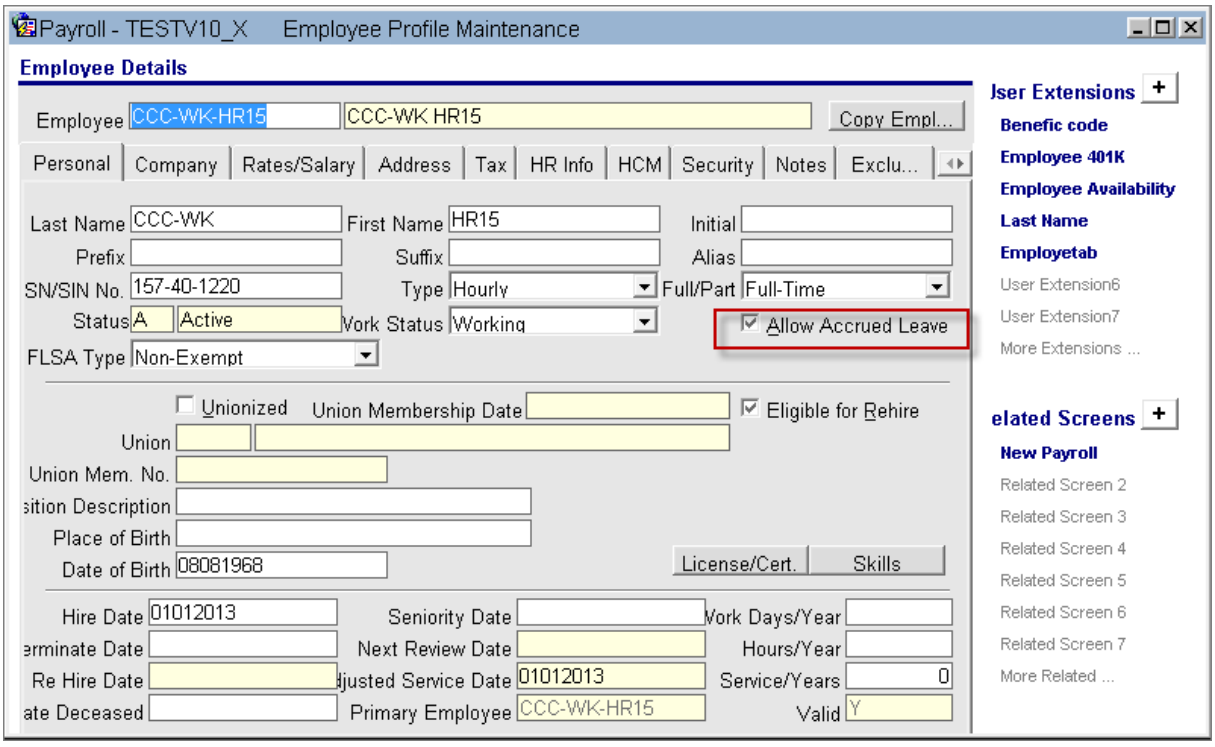
Next, set up the Federal Sick Leave Policy via the Regional Sick Leave Policy screen. There is no need for the Benefit/Deduction Table Base setup, as the values set on this screen are used to calculate the leave. Federal Sick Leave for contractors allows employees to accrue 1 hour for every 30 hours worked (1/30 = .033333 accrue rate) and can accrue a maximum of 56 hours (or 7 days) for the year .



Pgm: PYCOMLEV – Company Leave Maintenance

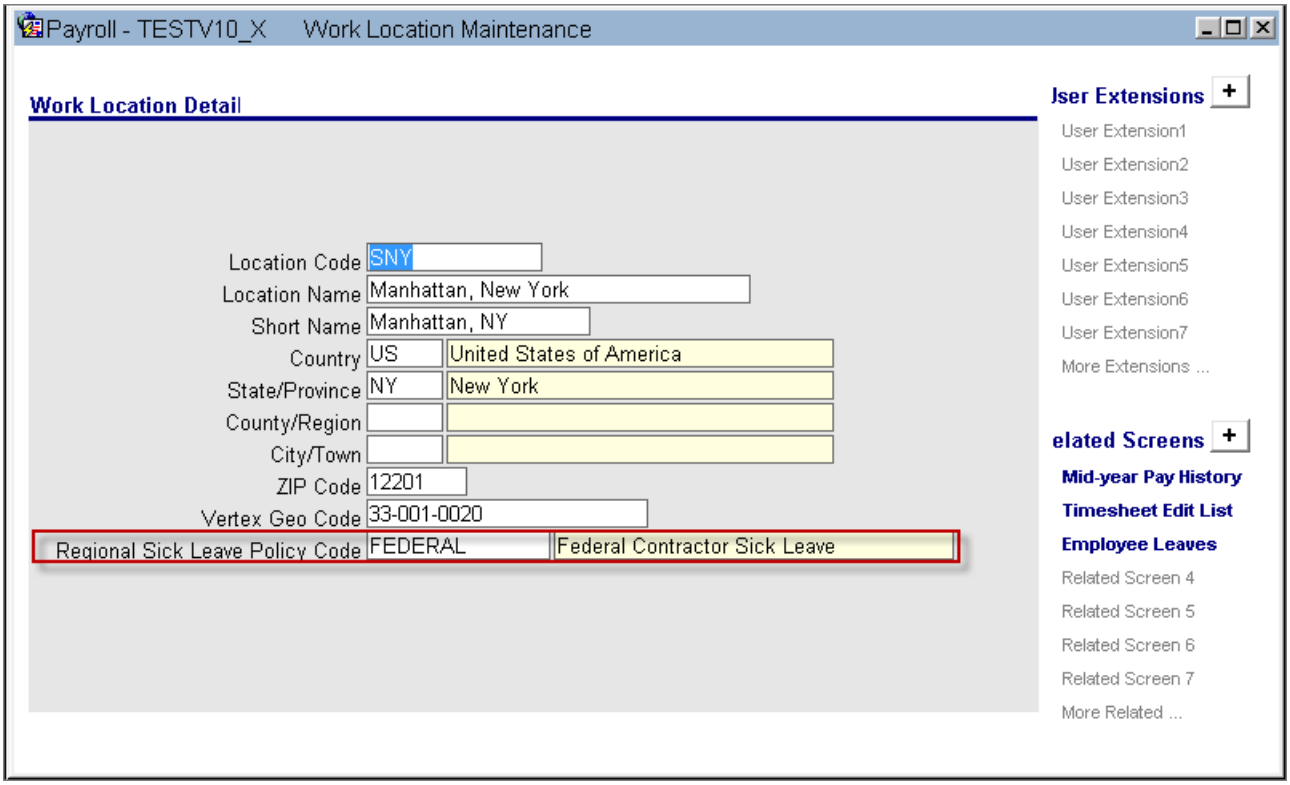
In this step, set up the Leave at the Company Level, ensuring that Accrued Amount by field is set to "**Sick Leave Policy**", and the **Regional Sick Leave Policy** field must be entered.

NOTE: Days C Forward Expires should be defined for the region, if any.



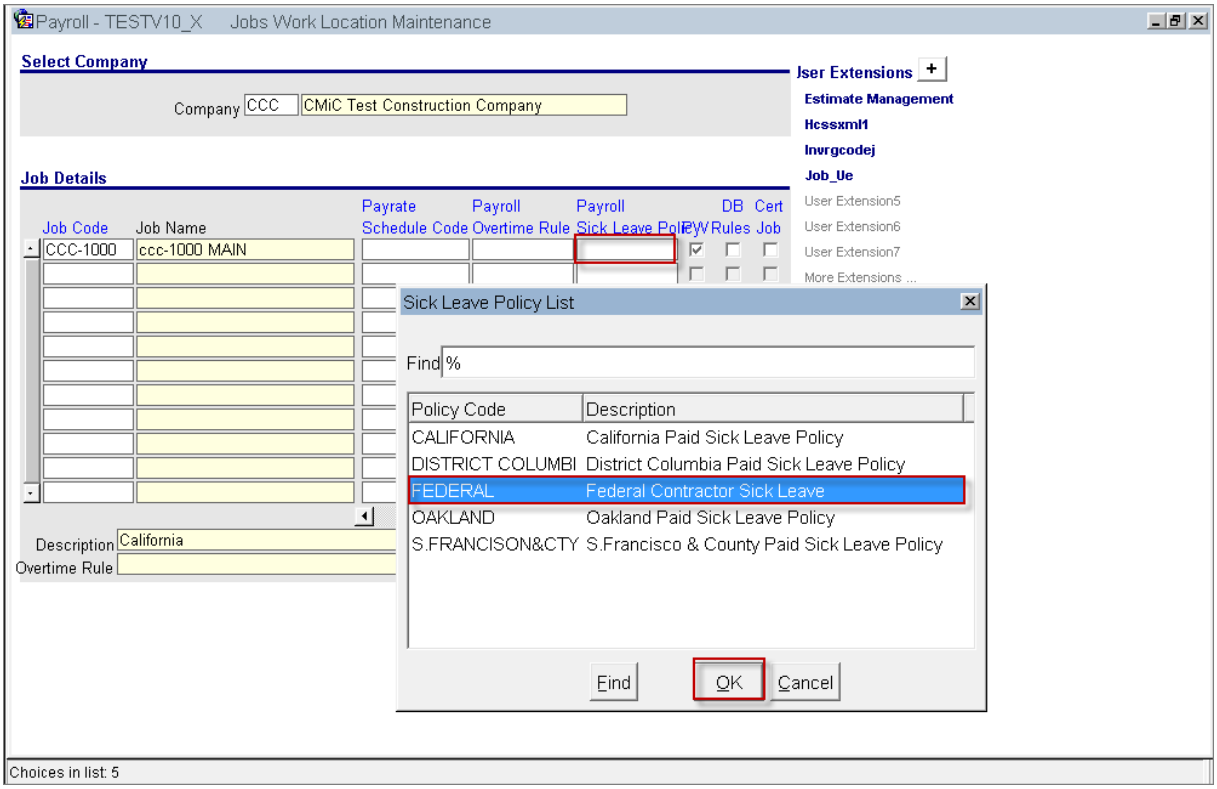
Pgm: PYEMPLOY – Maintain Employee Information

For each Employee, ensure the **Allow Accrued Leave** checkbox is checked on the **Personal** tab.



Pgm: PYWRKLOC – Work Locations

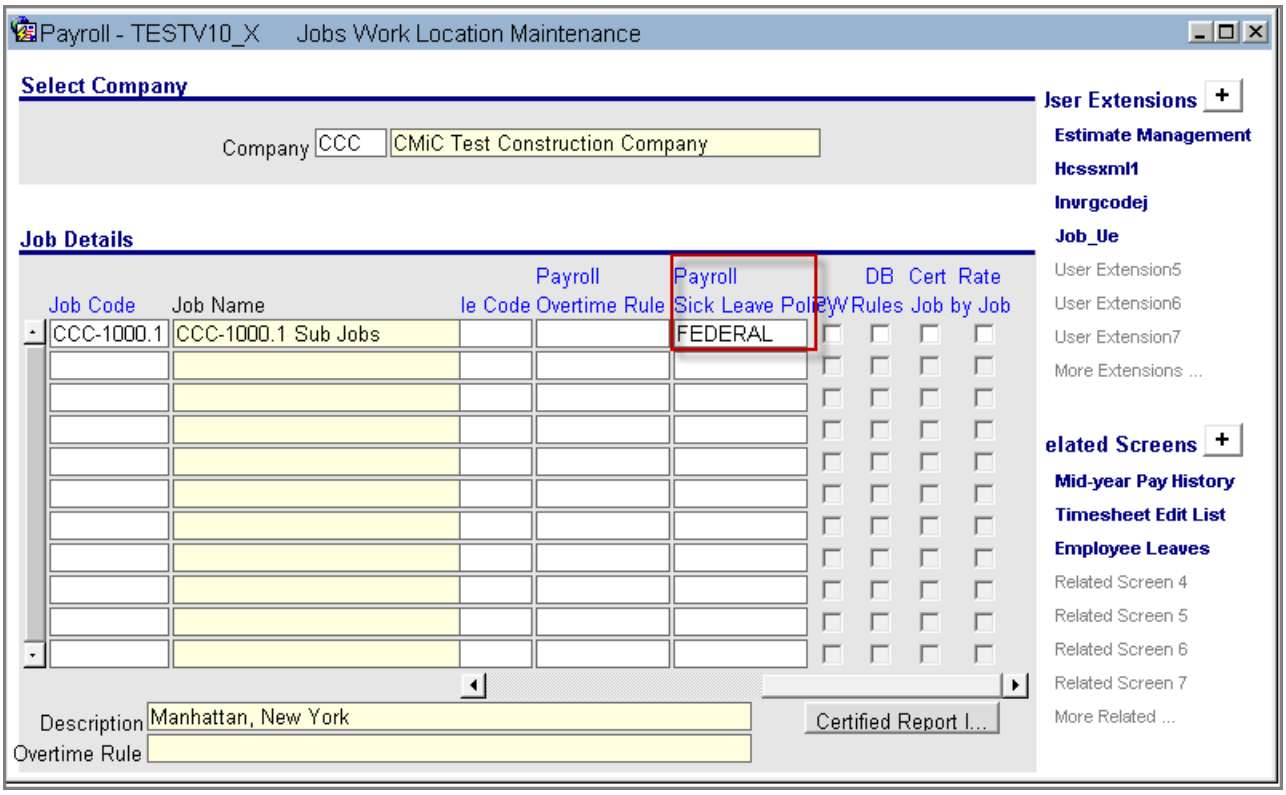
Using the Work Locations screen, link the relevant Work Location to the Sick Leave Policy via the Regional **Sick Leave Policy Code** field.



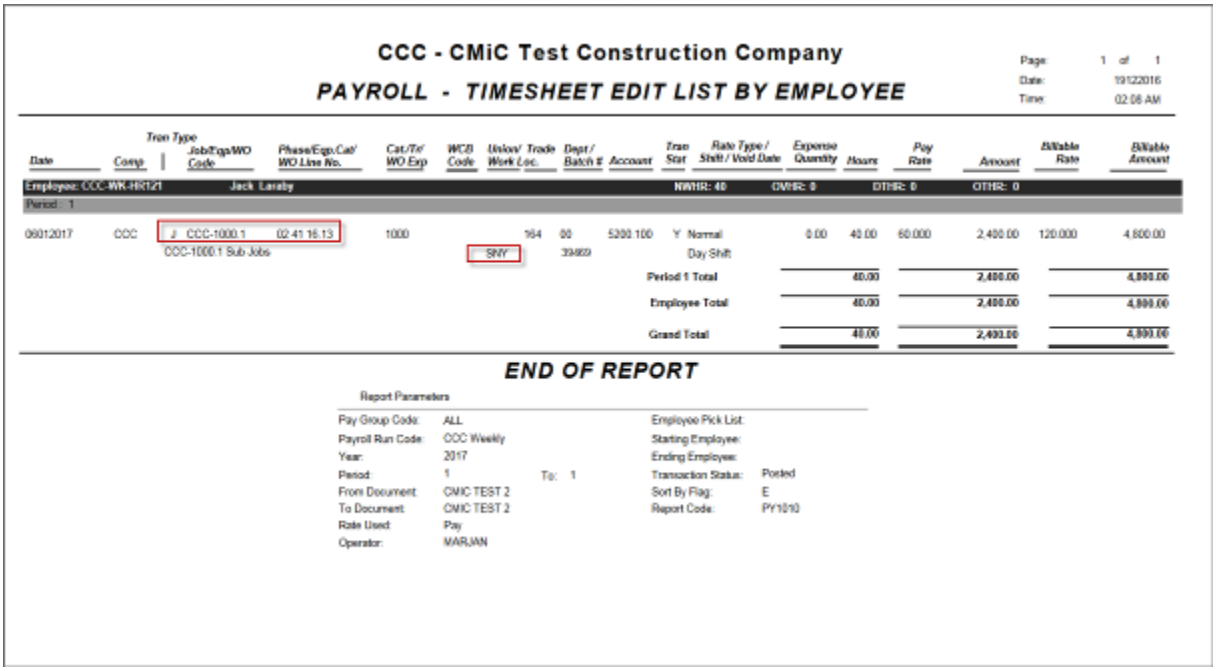
Pgm: PYJOBLOC – Job Work Locations

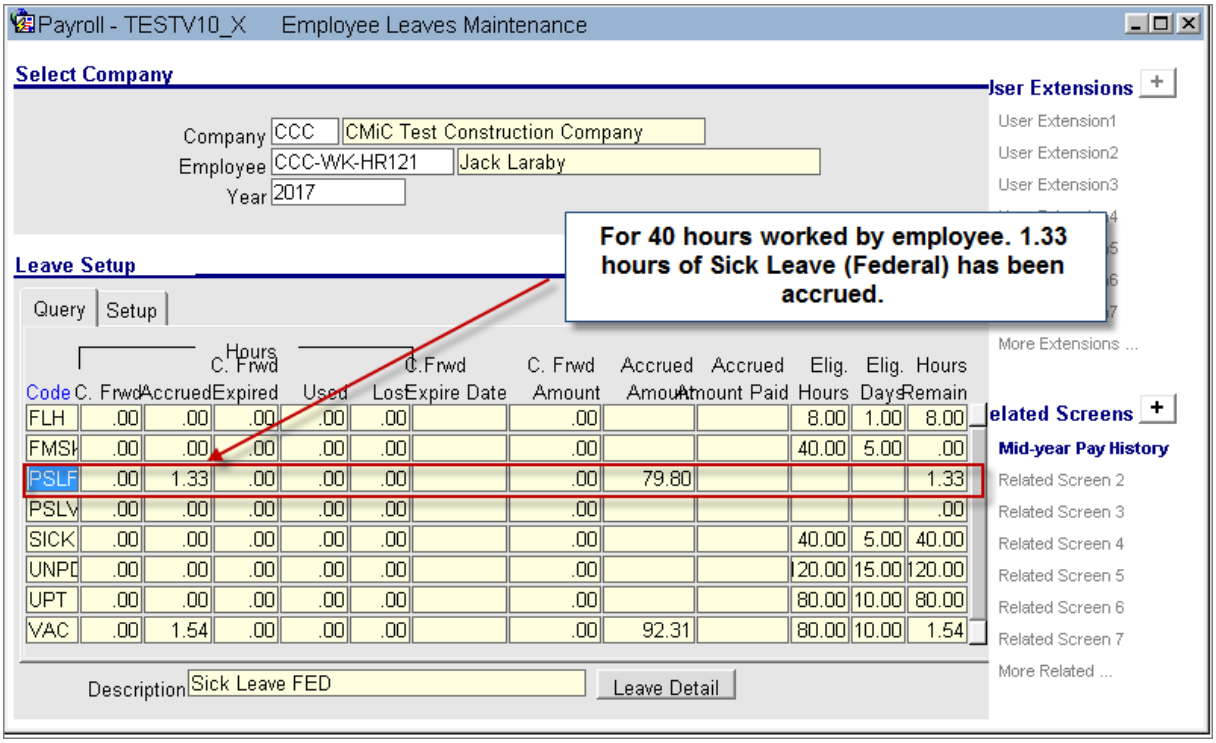
Using the Job Work Locations screen, link the Job to the Federal Job Sick Leave Policy. A new column and field 'Payroll Sick Leave' is added to Job Work Location screen to reference the FEDERAL Sick Leave Policy.

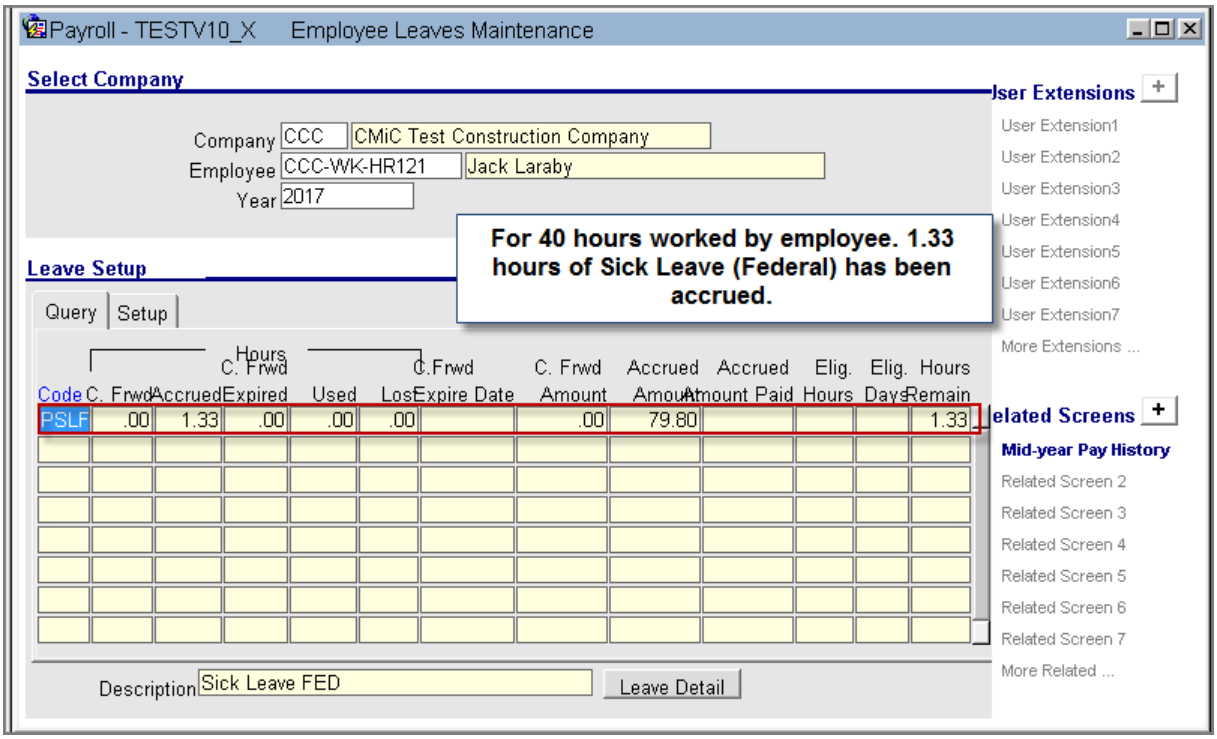
NOTE: Users can also reference a sick leave policy on the job from Job Work Location Maintenance screen directly without linking Work Location. The Federal job sick leave policy will take precedence over the Work location sick leave policy in terms of Accrual calculations.



Enter the timesheet for the Job setup with Federal Sick Leave Policy. Then, post the timesheet, process the payroll and cut the check. Review Employee Leave info, you will see the leave code set up with FEDERAL Sick Leave Policy has accrued hours. For 40 hours worked on the job– employee gets 1.33 hours of accrued Federal Sick Leave.




Payroll - TESTV10_X Employee Leaves Maintenance
Select Company
Company CCC CMiC Test Construction Company
Employee CCC-WK-HR121 Jack Laraby
Year 2017
For 40 hours worked by employee. 1.33 hours of Sick Leave (Federal) has been accrued.
Leave Setup
Query Setup
Hours
Code C. Frwd Accrued C. Frwd Expired Used C.Frwd Los Expire Date C. Frwd Amount Accrued Amou Accrued Amount Paid Elig. Hours Elig. Days Hours Remain
FLH .00 .00 .00 .00 .00 .00 .00 8.00 1.00 8.00
FMSI .00 .00 .00 .00 .00 .00 .00 40.00 5.00 .00
PSLF .00 1.33 .00 .00 .00 .00 79.80 1.33
PSLV .00 .00 .00 .00 .00 .00 .00
SICK .00 .00 .00 .00 .00 .00 .00 40.00 5.00 40.00
UNPI .00 .00 .00 .00 .00 .00 .00 120.00 15.00 120.00
UPT .00 .00 .00 .00 .00 .00 .00 80.00 10.00 80.00
VAC .00 1.54 .00 .00 .00 .00 92.31 80.00 10.00 1.54
Description Sick Leave FED
Leave Detail
User Extensions
User Extension1
User Extension2
User Extension3
More Extensions ...
elated Screens
Mid-year Pay History
Related Screen 2
Related Screen 3
Related Screen 4
Related Screen 5
Related Screen 6
Related Screen 7
More Related ...


Payroll - TESTV10_X Employee Leaves Maintenance
Select Company
Company CCC CMiC Test Construction Company
Employee CCC-WK-HR121 Jack Laraby
Year 2017
For 40 hours worked by employee. 1.33 hours of Sick Leave (Federal) has been accrued.
Leave Setup
Query Setup
Hours
Code C. Frwd Accrued C. Frwd Expired Used C.Frwd Los Expire Date C. Frwd Amount Accrued Amou Accrued Amount Paid Elig. Hours Elig. Days Hours Remain
PSLF .00 1.33 .00 .00 .00 .00 79.80 1.33
Description Sick Leave FED
Leave Detail
User Extensions
User Extension1
User Extension2
User Extension3
User Extension4
User Extension5
User Extension6
User Extension7
More Extensions ...
elated Screens
Mid-year Pay History
Related Screen 2
Related Screen 3
Related Screen 4
Related Screen 5
Related Screen 6
Related Screen 7
More Related ...

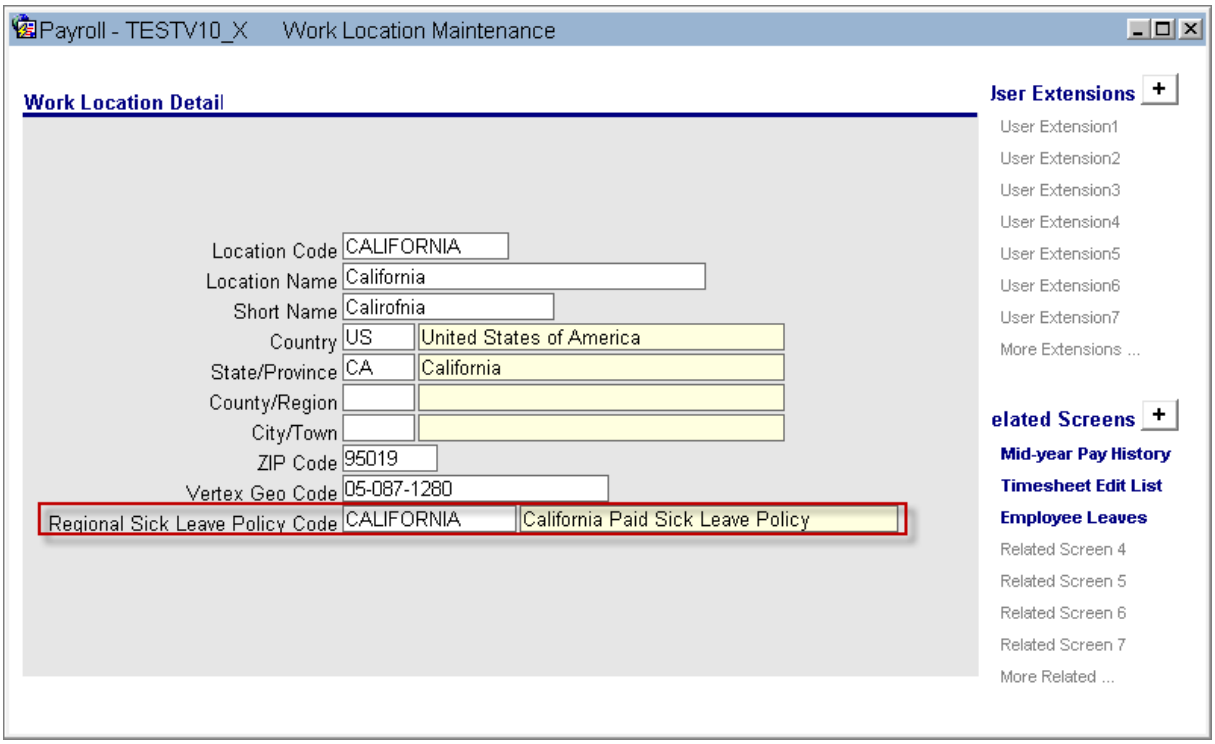
Regional Sick Leave & Federal Sick Leave Policy

Job Work Location Setup & Reference with Sick Leave Policies

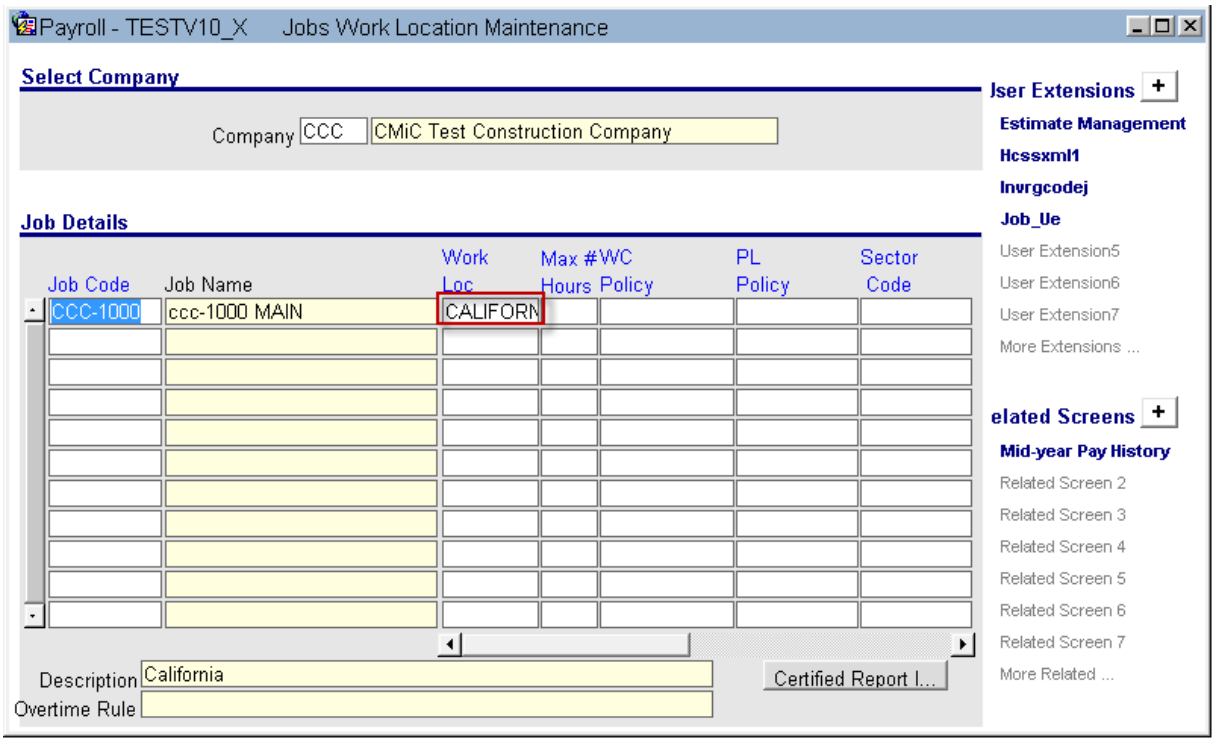
The Accrual Benefits functionality was developed to sum all benefit amounts based on the parameter screen. The values will be inserted into Payroll Adjustment table to pay the amount to the Employee.

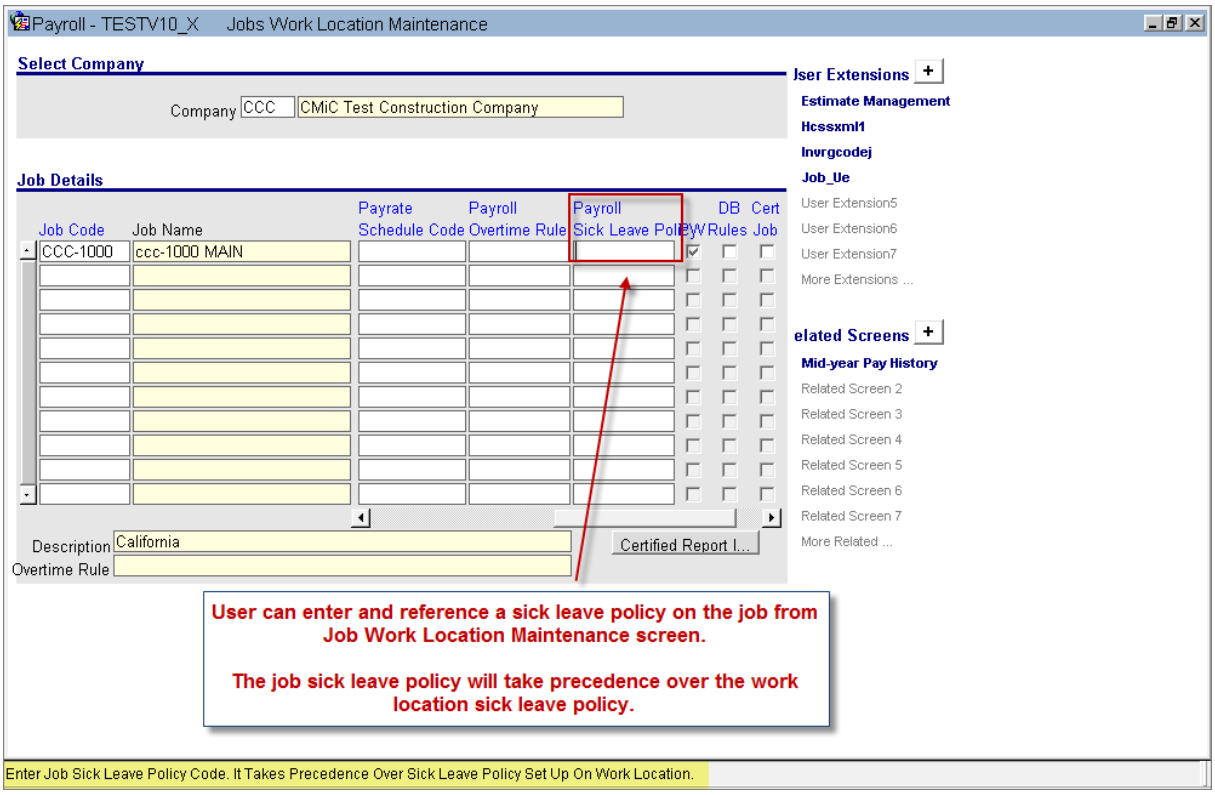
Overview of Sick Leave Accrual Calculations – State Vs Federal Sick Leave Policies

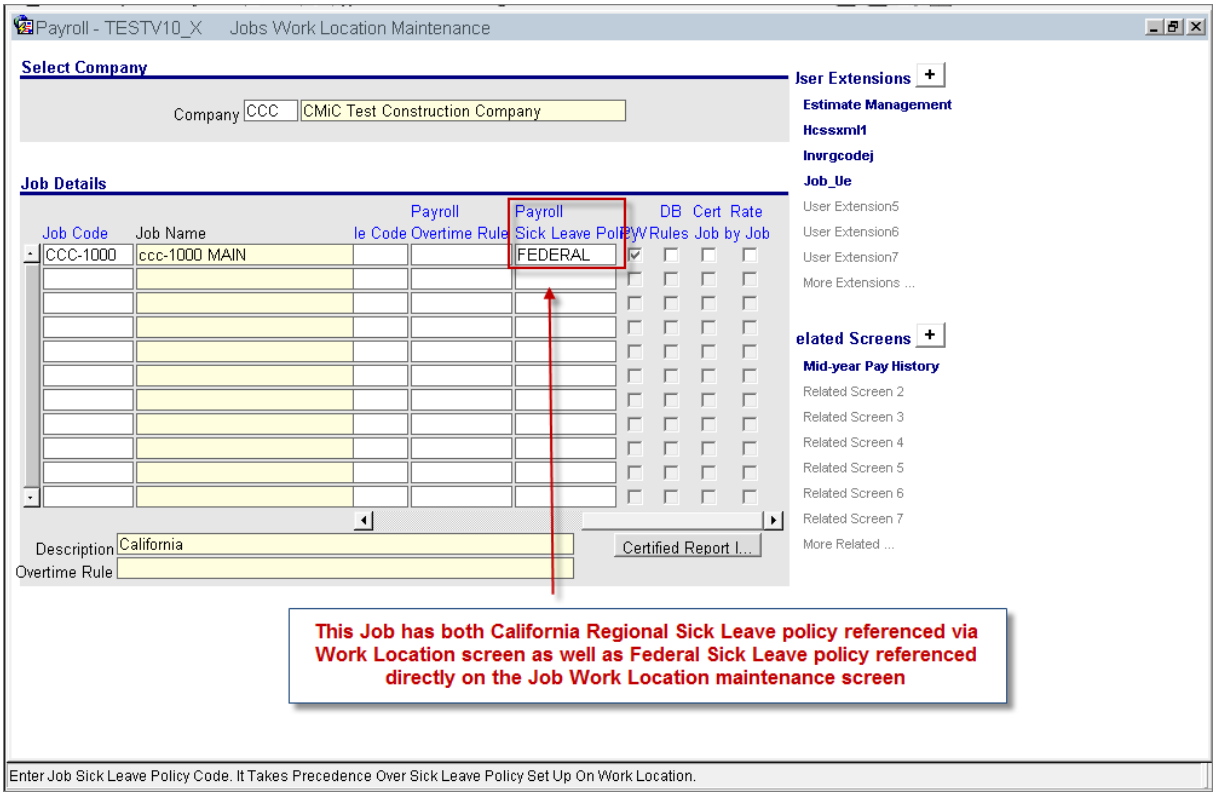
In this example, if a Work Location has a Regional Sick Leave Policy for State, like CALIFORNIA assigned, user can reference the FEDERAL sick leave policy on the job from Job Work Location Maintenance screen directly without linking and referencing it on Work Location. The Federal job sick leave policy referenced under Payroll Leave Policy on the Job Work Location screen will take precedence over the Work Location sick leave policy in terms of accrual calculations.



Pgm: PYWRKLOC – Work Locations

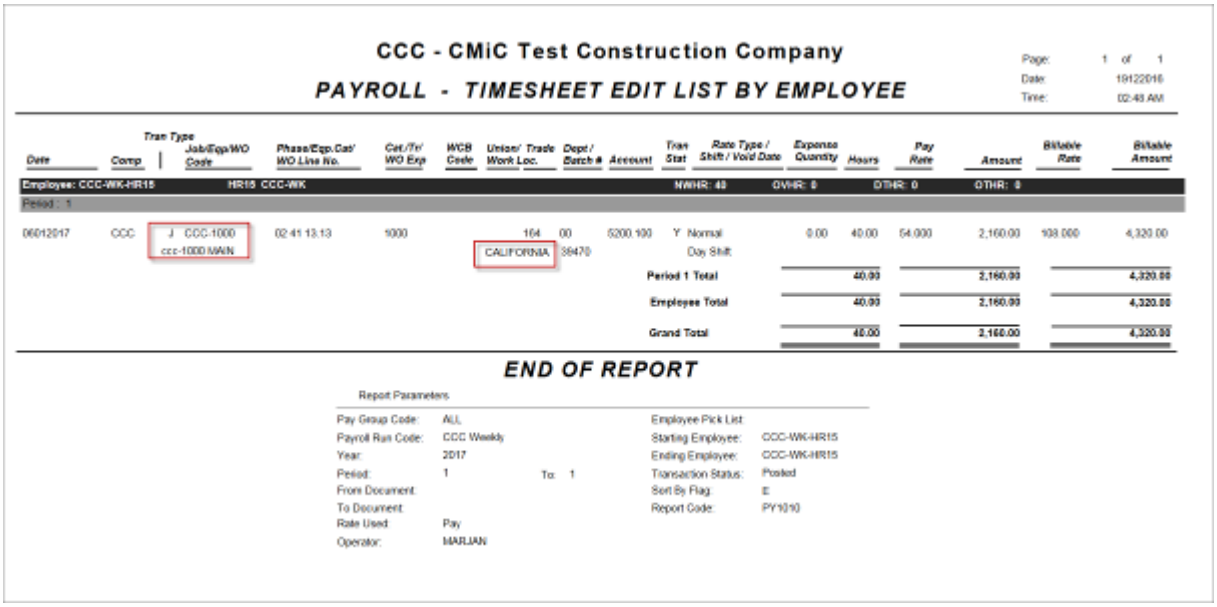

Payroll - TESTV10_X Jobs Work Location Maintenance
Select Company
Company CCC CMiC Test Construction Company
Job Details
Job Code
Job Name
Work Loc
Max Hours
#WC Policy
PL Policy
Sector Code
CCC-1000
ccc-1000 MAIN
CALIFORN
Description California
Overtime Rule
Certified Report I...
User Extensions
Estimate Management
Hcssxml1
Invrgcodej
Job_Ue
User Extension5
User Extension6
User Extension7
More Extensions ...
elated Screens
Mid-year Pay History
Related Screen 2
Related Screen 3
Related Screen 4
Related Screen 5
Related Screen 6
Related Screen 7
More Related ...


Payroll - TESTV10_X Jobs Work Location Maintenance
Select Company
Company CCC CMiC Test Construction Company
Job Details
Job Code
Job Name
Payrate Schedule Code
Payroll Overtime Rule
Payroll Sick Leave Poli
DB Rules
Cert Job
CCC-1000
ccc-1000 MAIN
Description California
Overtime Rule
Certified Report I...
User Extensions
Estimate Management
Hcssxml1
Invrgcodej
Job_Ue
User Extension5
User Extension6
User Extension7
More Extensions ...
elated Screens
Mid-year Pay History
Related Screen 2
Related Screen 3
Related Screen 4
Related Screen 5
Related Screen 6
Related Screen 7
More Related ...
User can enter and reference a sick leave policy on the job from Job Work Location Maintenance screen.
The job sick leave policy will take precedence over the work location sick leave policy.
Enter Job Sick Leave Policy Code. It Takes Precedence Over Sick Leave Policy Set Up On Work Location.



Pgm: PYJOBLOC – Job Work Locations

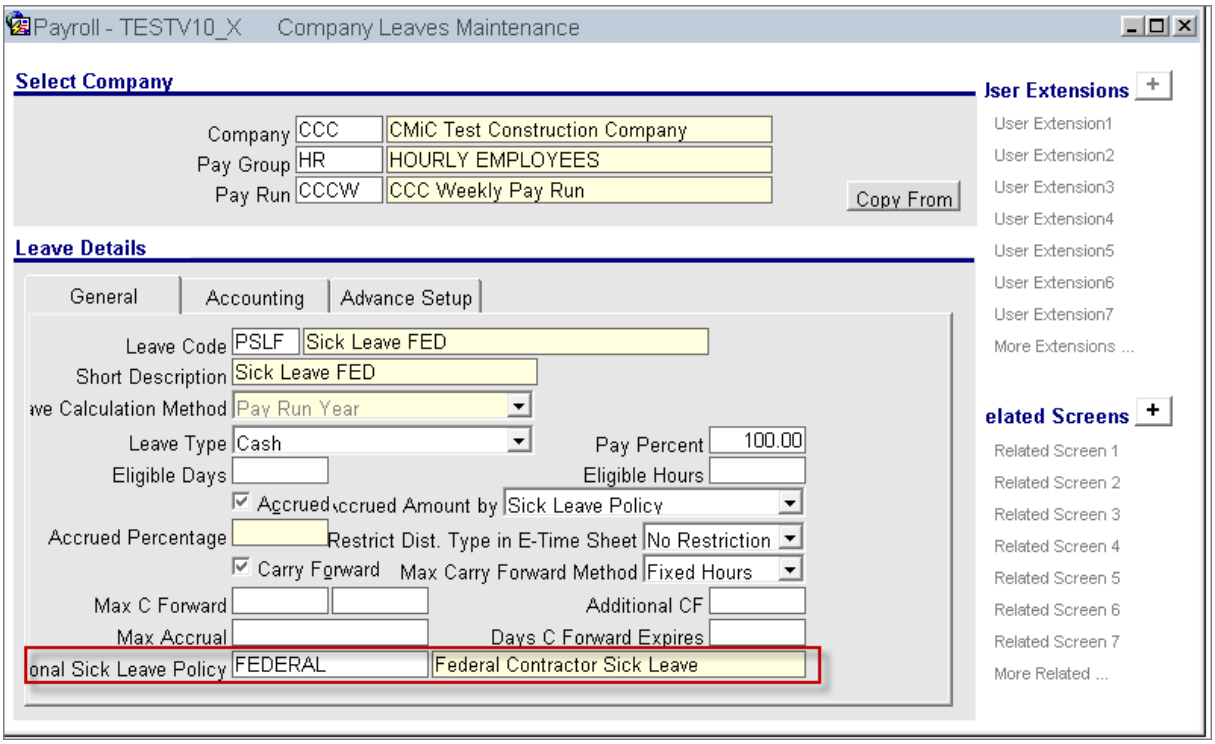
User enters timesheet with 40 hours worked on the job for California Work Location. The Job is set up with both California Sick Leave and Federal Sick Leave Policy.

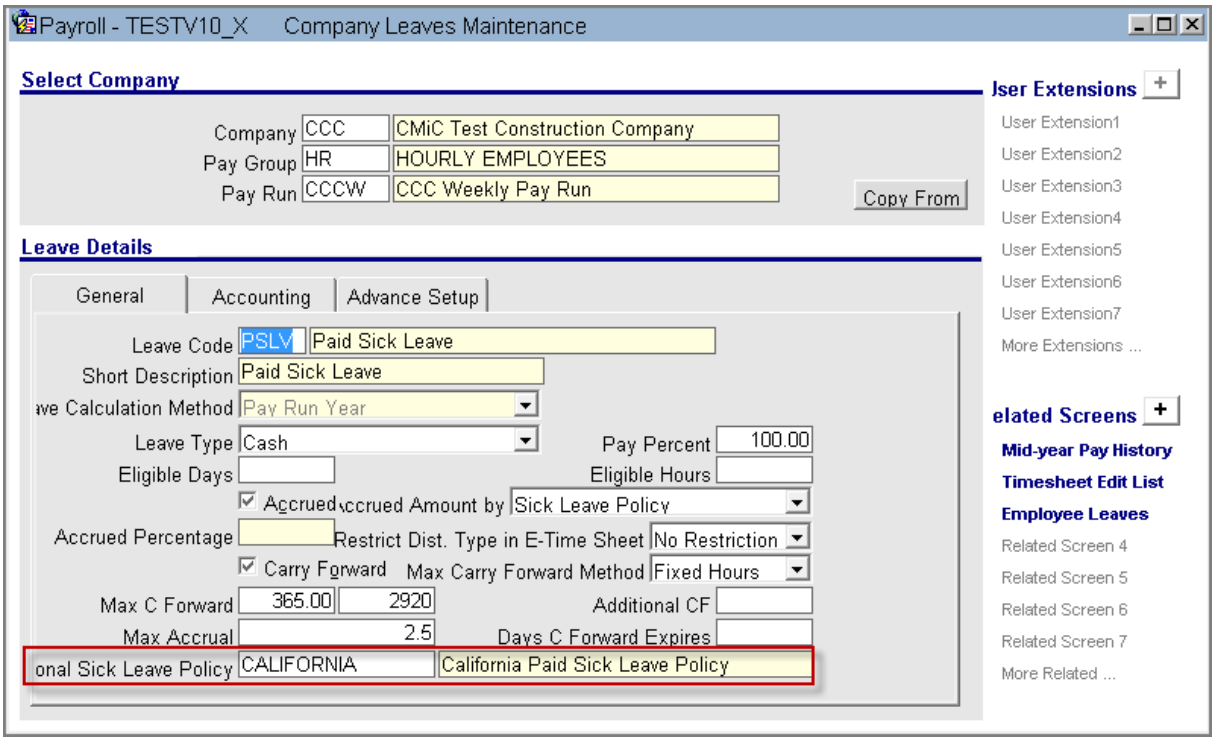


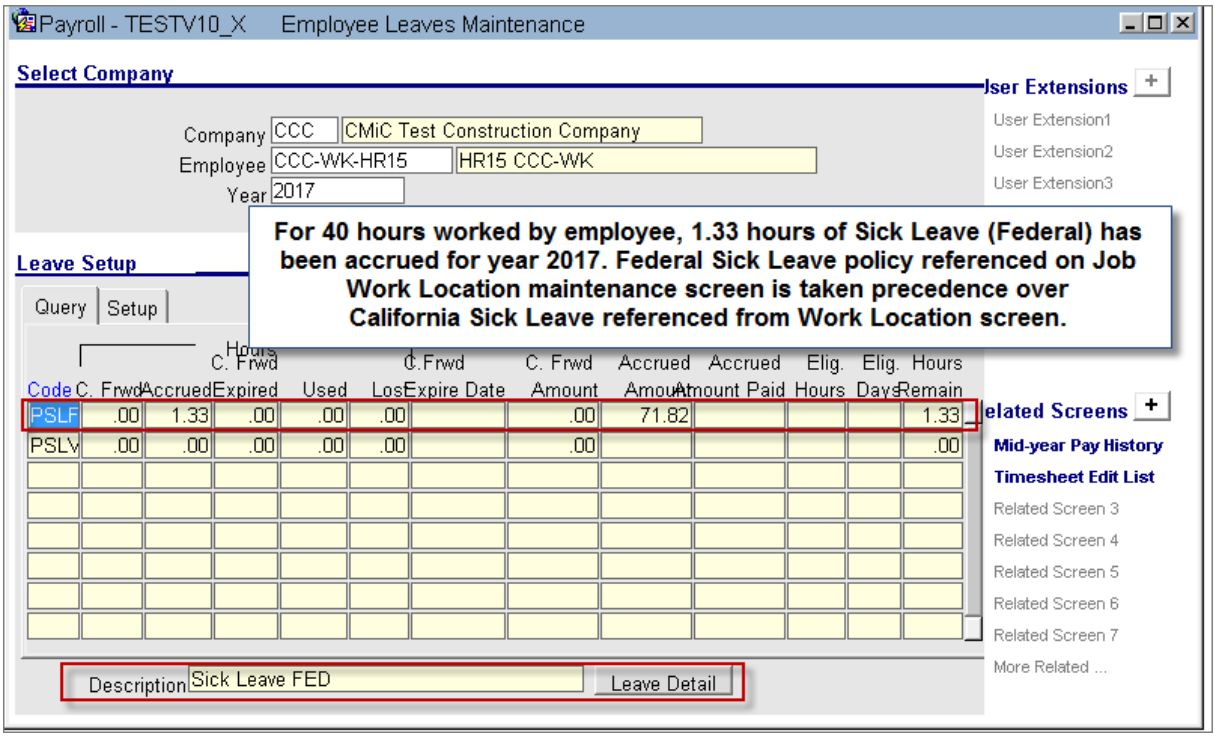
Sick Leave accrued for the employee is Federal Sick Leave Policy:

For 40 hours worked by employee, 1.33 hours of Leave Code PSLF for Sick Leave (Federal) has been accrued for year 2017. Federal Sick Leave policy referenced on Job Work Location maintenance screen is taken

precedence over California Sick Leave referenced from Work Location screen. Leave Code SLV is set up with California Sick Leave Policy and has not been accrued for the hours worked in the period.

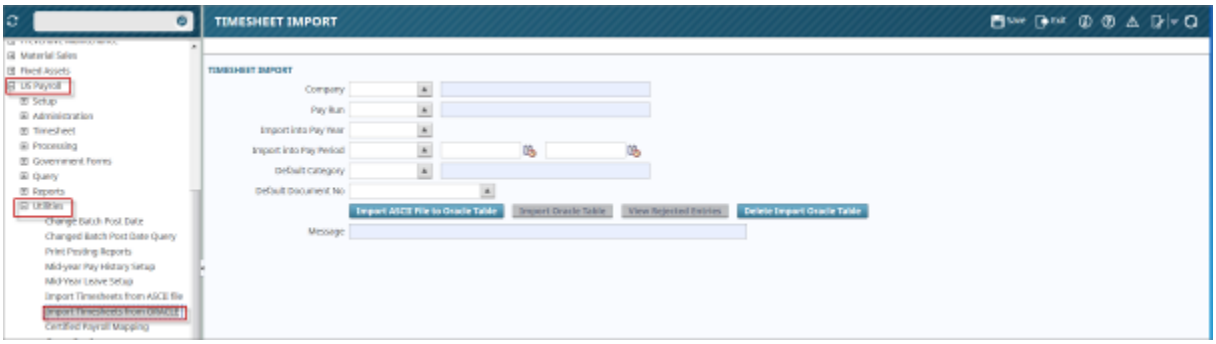






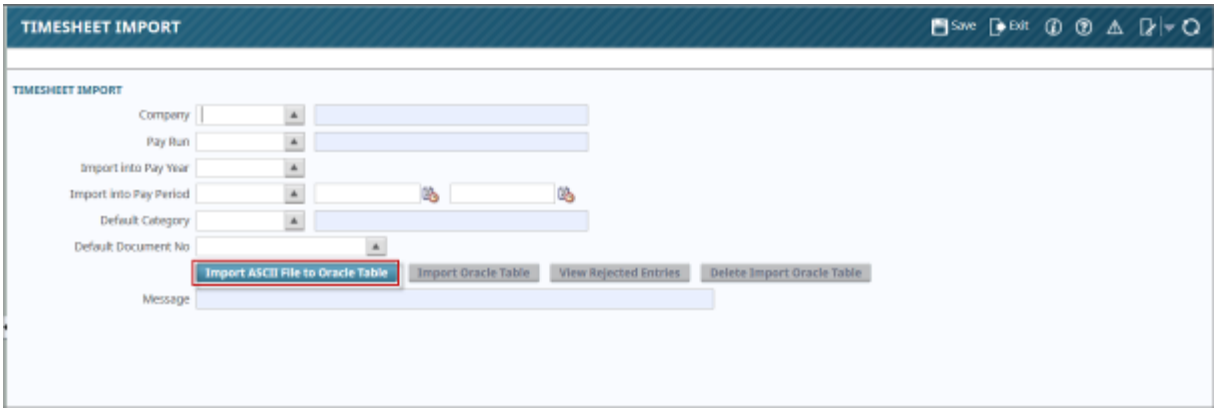
Import Timesheets from ORACLE – Utility (14.94420)

CMiC has made modifications to the **CTL File Template and the order of the field**. The two new fields 'Expense Type' and Expense QTY/Amount' added to the import table as part of this enhancement in Patch 206 release are now moved to the end of the template.



Under the **Utilities** Payroll menu, select **Import Timesheets>Import Timesheets from Oracle**.

[**Import ASCII File to Oracle Table**] – Button



Pgm: PYTIMIMP- Time Sheet(s) Import Utility

The [**Import ASCII File to Oracle Table**] button on the form allows users to directly import an ASCII file to the Oracle Timesheet table PYEMPTIMSHT_IMP. This button is active if there is no information filled in on this screen. It will open an ASCII import popup for importing the ASCII file.

In the popup, select the [**Browse**] button to find the file to import. Select the import button to import the data. The number of lines read and imported will be displayed. Once, the import has completed and the window is closed, the Oracle Timesheet Import procedure can begin. Rate calculation considers the shift code when determining the rate. The enhanced program will consider and include the two new added fields for Expense Type and Expense Qty/Amt.

The Import Timesheets from Oracle program is modified to validate the expense code defined in payroll setup, based on the expense type and Qty/Amount fields. The following conditions and rules are taken into consideration for Expense Code, Expense Type, Quantity and Amount:

If the Expense Code is setup as type “Actual” on the expense master setup, the QTY/AMT value is considered as a flat amount.

If the expense Code is setup other than the “Actual” type on the expense master setup, the import program will consider the value as quantity and multiply the value with the rate defined in the expense master screen.

In a scenario where the expense is charged elsewhere, other than the timesheet, the user should enter a separate line for the expense to post on a different Job, Phase or Category.

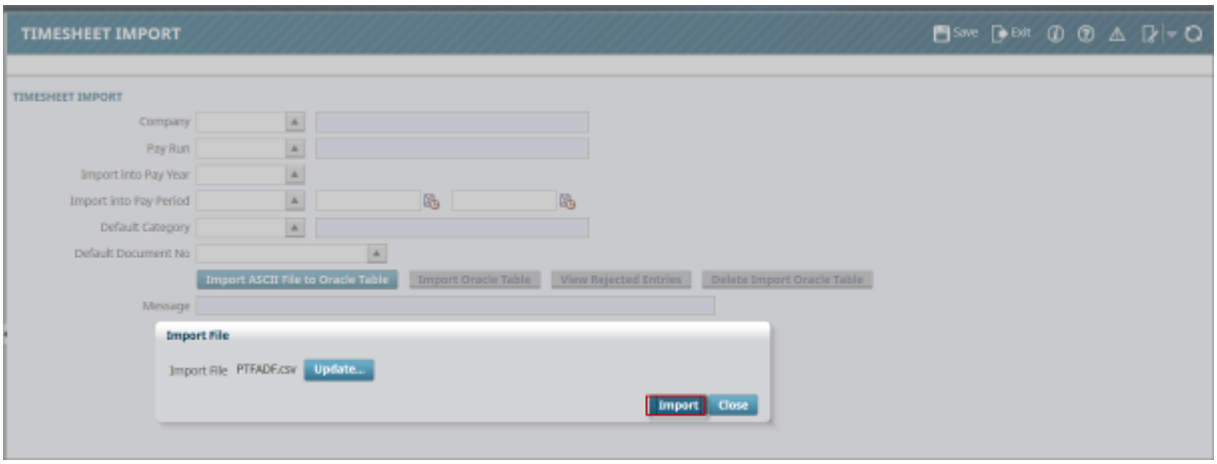
In a scenario where the expense and timesheet hours are provided in the same record, the program will create an hours and expense with the Job/Phase/Cat Code or Overhead Department and Account.

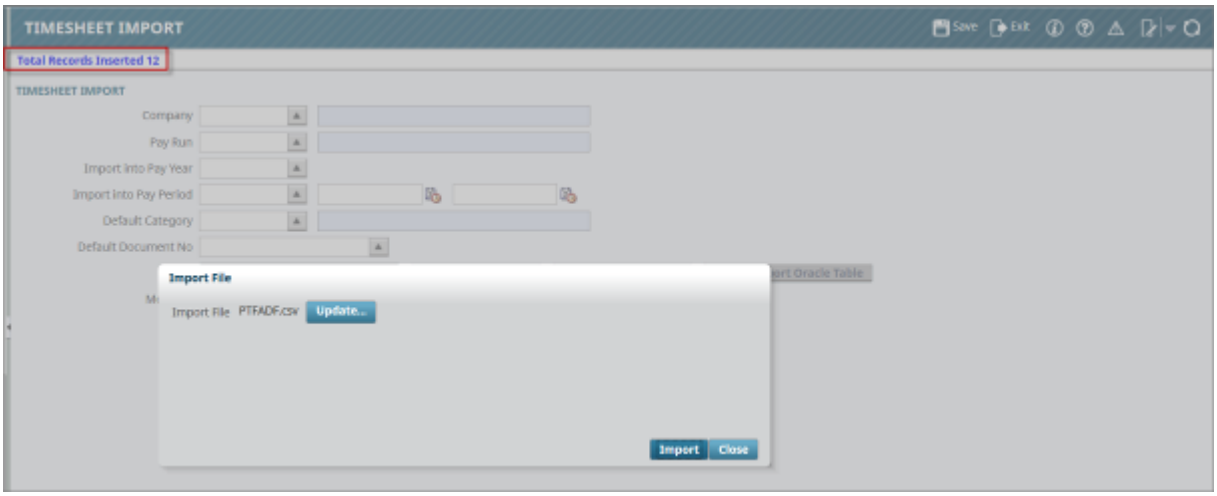
The import program is enhanced with two new fields, and works as per current functionality to insert the records into the regular timesheet table. The data will not be inserted into the Expense Claim Entry program.

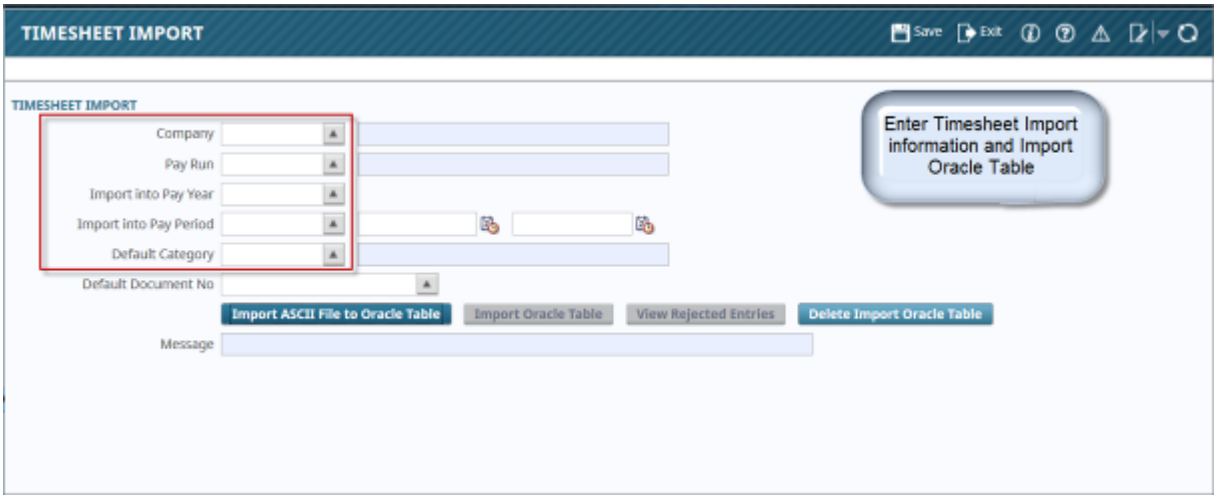
The ASCII file being imported must be comma delimited and match the order below. The two fields '**Expense Code**' and '**Expense QTY/Amount**' are moved to the end of the file.

NOTE: In FORMS import ASCII file is a text (txt) file. Users utilizing ADF Program should convert and save the txt file in CSV format and import the ASCII file in CSV format. Users can also create a CSV file with a header row entering the columns as under, when importing the first row which is the header will not be imported into the table. If, the CVS is created without a header row, then users should leave the first row for the csv file blank. Therefore, prior to converting the text (txt) file into CSV, enter a blank row top of the page and then convert and save to CSV format. Once converted to CVS user should not open the CVS file, as it will change the cell formatting for numbers, which would cause errors and rejected records.

1.	IMP_TSH_EMP_NO	VARCHAR2(16)	
2.	IMP_TSH_DATE	DATE	DD-MON-YYYY
3.	IMP_TSH_JOB_CODE	VARCHAR2(10)	
4.	IMP_TSH_PHASE	VARCHAR2(16)	
5.	IMP_TSH_CATEGORY	VARCHAR2(4)	
6.	IMP_TSH_NORMAL_HOURS	NUMBER (16,8)	
7.	IMP_TSH_OT_HOURS	NUMBER (16,8)	
8.	IMP_TSH_DOT_HOURS	NUMBER (16,8)	
9.	IMP_TSH_OH_HOURS	NUMBER (16,8)	
10.	IMP_TSH_OH_TYPE	VARCHAR2(4)	
11.	IMP_TSH_WORK_COMP_CODE	VARCHAR2(2)	
12.	IMP_TSH_DEPT_CODE	VARCHAR2(6)	Optional – based on Control File Flag
13.	IMP_TSH_GL_ACC_CODE	VARCHAR2(8)	Optional – based on Control File Flag
14.	IMP_TSH_WORK_LOC	VARCHAR2(4)	
15.	IMP_TSH_EQP_HOURS	NUMBER (16,8)	
16.	IMP_TSH_DOCUMENT_NO	VARCHAR2(30)	Optional
17.	IMP_TSH_TRADE_CODE	VARCHAR2(4)	Optional
18.	IMP_TSH_UNION_CODE	VARCHAR2(4)	Optional
19.	IMP_TSH_OH_RATE_CODE	VARCHAR2(4)	Optional
20.	IMP_TSH_CKLOC_CODE	VARCHAR2(16)	Optional
21.	IMP_TSH_SHIFT_CODE	VARCHAR2(1)	Optional
22.	IMP_TSH_NH_RATE	NUMBER (16,8)	Not Required
23.	IMP_TSH_OT_RATE	NUMBER (16,8)	Not Required
24.	IMP_TSH_DOT_RATE	NUMBER (16,8)	Not Required
25.	IMP_TSH_OH_RATE	NUMBER (16,8)	Not Required
26.	IMP_TSH_EXP_CODE	VARCHAR2(4)	
27.	IMP_TSH_EXP_QTY_OR_AMT	NUMBER (16,8)	







[**Import Oracle Table**] – Button

The [**Import Oracle Table**] button allows users to import data directly from the Oracle Timesheet table PYEMPTIMSHT_IMP. The import utility is modified to consider and include the two new added fields for

Expense Code and Expense QTY/Amount. The Import Timesheets from Oracle program is modified to validate the expense code defined in payroll setup, based on the expense type and Qty/Amount fields.

This screen is used when not entering timesheets directly into Enterprise. It is used to import unposted timesheet data into Enterprise's Payroll module via a .CSV spreadsheet file. For details about the fields and format of the import file, refer to this section's Import File's Fields & Format subsection.

The import process requires 3 steps, if there were no issues with the entries in the import file.

Step 1

The first step is to import the import file's data into a temporary table in the system via the [**Import ASCII File to Oracle Table**] button.

Step 2

Once, the ASCII file is imported to Oracle Table, then user can enter the mandatory Company Code, Pay Run, Year and Period into which timesheet data will be imported. The Period LOV will display the current period and the next 3 open periods. The Default Category field assigns that category if the category imported is null. Enter the Document Code which will be assigned to the unposted timesheets created if the document code is null on the imported timesheet.

Then, the mandatory **Company**, **Pay Run**, **Import into Pay Year**, and **Import into Pay Period** fields are used to specify the Company, Pay Run, Pay Year and Pay Period for the timesheets being imported.

The **Default Category** and **Default Document No** fields are optional.

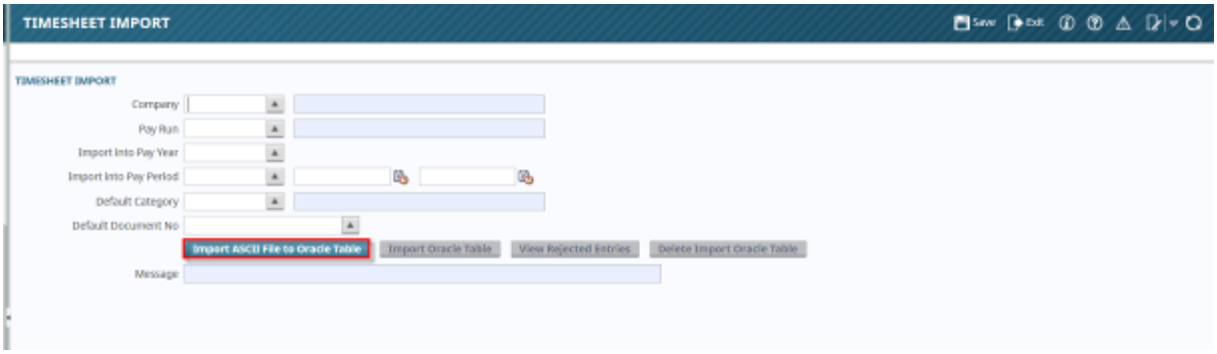
Step 3

Then, the temporary table's data is imported into Payroll as unposted Timesheets using the [**Import Oracle Table**] button.

If there were any issues with some entries in the import file during the second import, a message will be reported stating how many were rejected.

The rejected entries can be corrected via the [**View Rejected Entries**] button's popup, and once corrected, the import process can be retried for these entries via the popup's [**Import**] button.

Selection Parameters



Pgm: PYTIMIMP- Time Sheet(s) Import Utility

Company

Company Code must be entered.

Pay Run

Enter pay run into which the timesheet data should be imported.

Import into Pay Year

Pay Year into which the timesheet data should be imported

Pay Period

Enter Pay Period into which the timesheet data should be imported

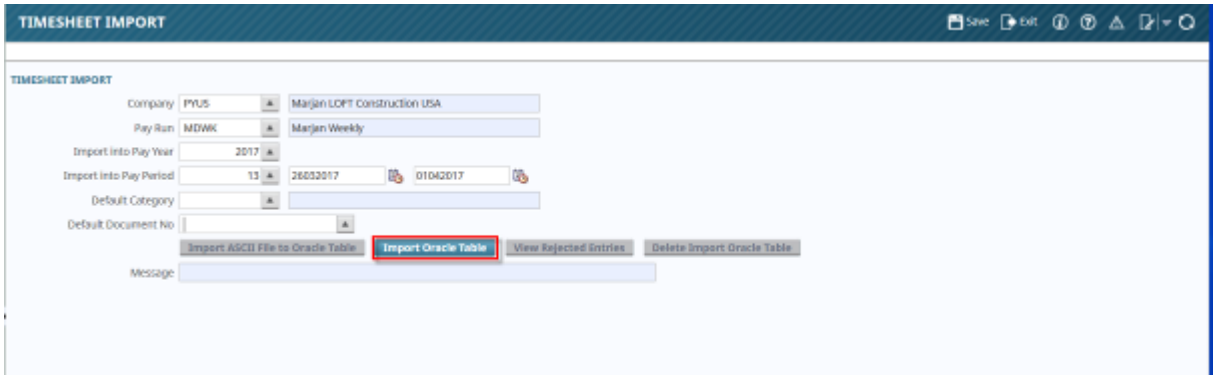
Default Category

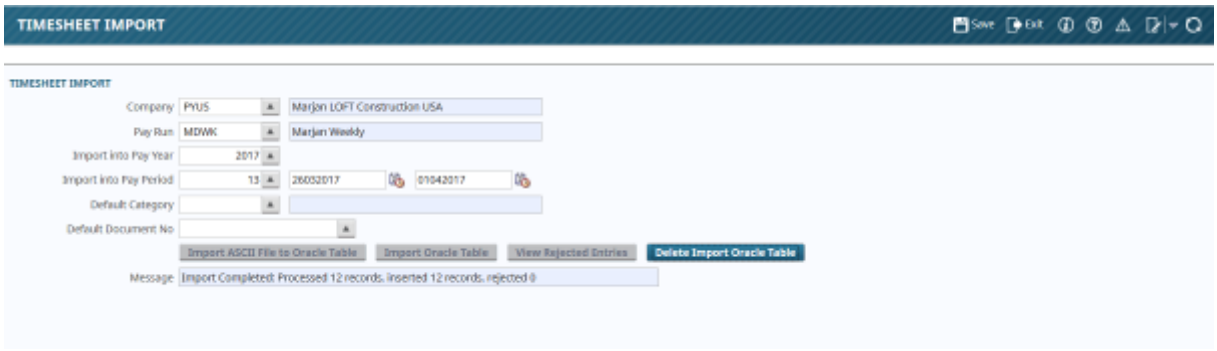
Enter default Category to be used with Job and Phase, if Category is NOT imported with timesheets.

Default Document No

Enter the Document Code which will be assigned to the unposted timesheets created, if the document code is null on the imported timesheet.

[**Import Oracle Table**] – Button





When the [**Import Oracle Table**], button is selected, the number of Timesheet records processed, inserted and rejected are displayed at the bottom the screen.

Import File Fields – CTL File Template Changes

The following table provides details about the fields in the import file:

Import File Field	Description	Required	Type	Length
Employee Number	Employee Number – must be a valid employee for the company	Yes	Varchar2	16

Reference Date	Actual date of Timesheet NOTE: Date worked MUST be of the DD-MMM-YYYY format, otherwise the hours will go to the final day in the pay period.	Yes	DATE	
Job	The timesheet Job Code	Yes, if timesheet is for a Job	Varchar2	10
Phase Code	The timesheet Phase Code (Cost Code).	Yes, if Job Code is entered	Varchar2	16
Category	The timesheet Job Category.	Yes, if Job is entered	Varchar2	16
Normal Hours	The number of Normal Hours (regular time) for timesheet.	See NOTE 1	Number	16,8
Overtime Hours	Number of Overtime Hours for timesheet – leave blank if not applicable	See NOTE 1	Number	16,8
Double Overtime Hours	Number of Double Overtime hours for timesheet – enter 0 if not applicable	See NOTE 1	Number	16,8
Other Hours	Number of Other Hours for timesheet – leave blank if not applicable	See NOTE 1	Number	16,8
Other Hours Type	The type of Other Hours - must be a valid Other Hour Code in CMiC	Yes, if Other Hours are entered	Varchar2	4
Company	Company handling Job	Yes	Varchar2	8
Department	This is the Dept Code the time is charged to if a G type of timesheet OR leave this field null to auto-populate with the Payroll Dept from Employee Profile.	See NOTE 2	Varhcar2	6
GL Account Code	GL Account to charge time to if not a Job Timesheet OR leave this field null to auto-populate it with Wage Account from Employee Profile.	See NOTE 2	Varchar2	16
Work Location	A valid Work Location.	No	Varchar2	15
Equipment Hours	Number of hours Equipment was utilized for Job.	No	Number	16,8
Document Number/ Code	Timesheet Document Grouping	No	Varchar2	30
Trade Code	Enter Employee Trade where employee worked this week or leave it null to populate from employee profile.	No	Varhcar2	4

Union	Enter Union Code where employee worked for this period or leave it null to populate from employee profile if employee is Unionized	No	Varhcar2	4
Other Hours Rate Code	Other Hours Rate Code	No, If blank, import uses rate code from employee profile.	Varhcar2	4
Check Location Code	Check Location Code	No	Varchar2	16
Shift Code	Shift Code	No	Varchar 2	1
Normal Hours Rate	Normal Hours Rate	No	Number	16,8
Over Time Rate	Over Time Rate	No	Number	16,8
Double Time Rate	Double Time Rate	No	Number	16,8
Other Hour Rate	Other Hour Rate	No	Number	16,8
Expense Code	Expense Code	No	Varchar2	4
Expense QTY/AMT	Based on the Expense Type: If the Expense Code is setup as type 'Actual' on the expense master setup, the QTY/AMT value is considered as a flat amount and should be entered in the import file If the expense Code is setup other than 'Actual' type, on the expense master setup, then the import program will consider the value as quantity and multiply the value with the rate defined in the expense master screen.	Yes, if expense code is entered	Number	16,8

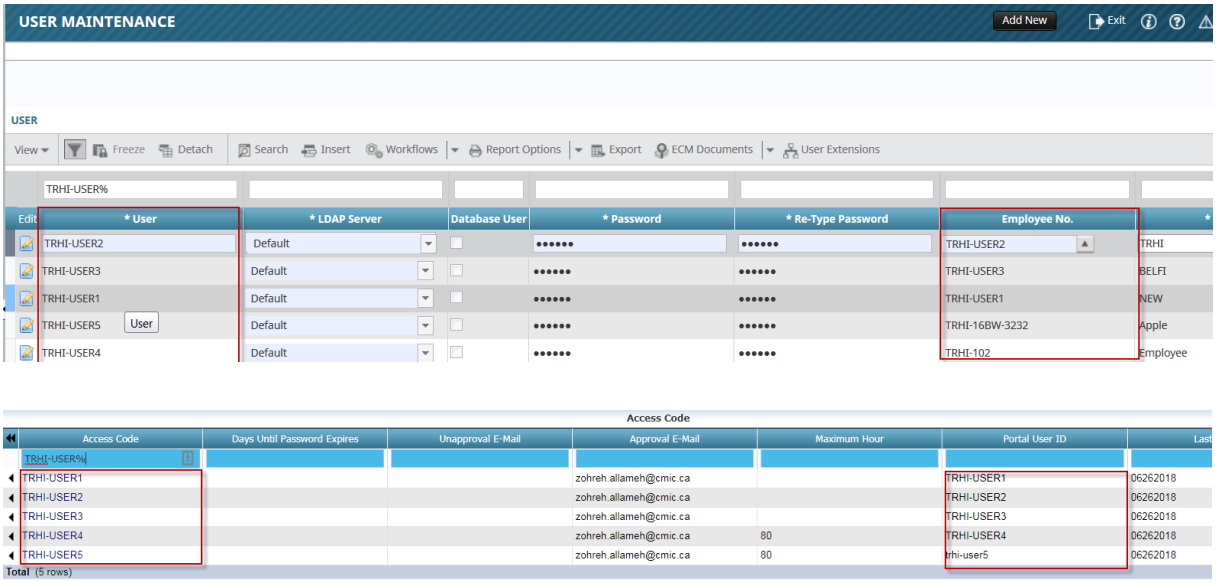
VP and SUP fields needed for availability report and E-time - BETA Version (16.22455)

NOTE: This is a new functionality and currently in development and testing. The programs are NOT implemented and is released as a Beta version in this patch.

Adding automated functionality to remove "Reports to" manager when terminating manager. CMiC has created back-end trigger on the employee history table for employee "Position" and "Reports to" columns, which determine employee managers. The trigger will automatically populate the access code under the approval tab in e-time access code for an employee.

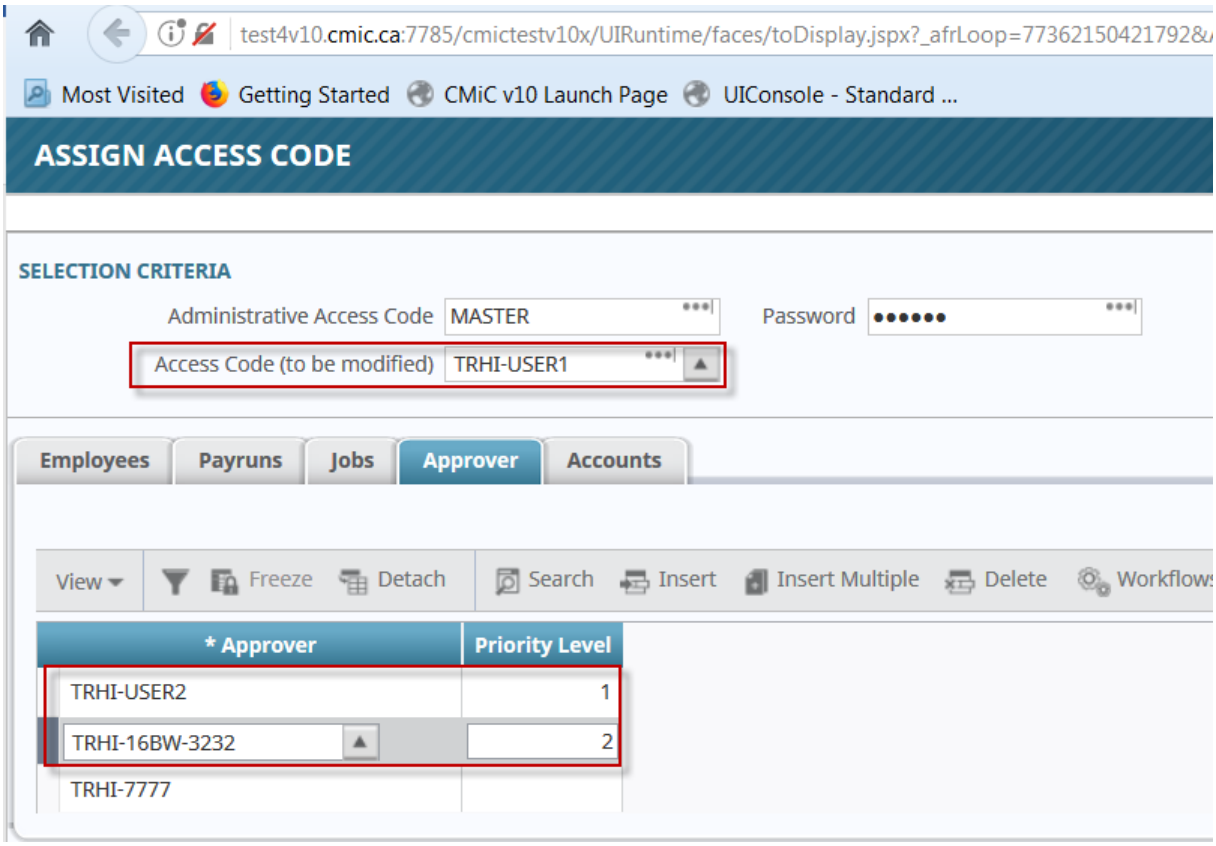
Program Logic & Setups:

The program logic will first determine if the employee number is assigned on the user maintenance screen to the SSO. The program will search the SSO under the access code maintenance screen to find out if “access code” is associated to SSO. The SSO and access code must be mapped ONE- TO- ONE relationship.



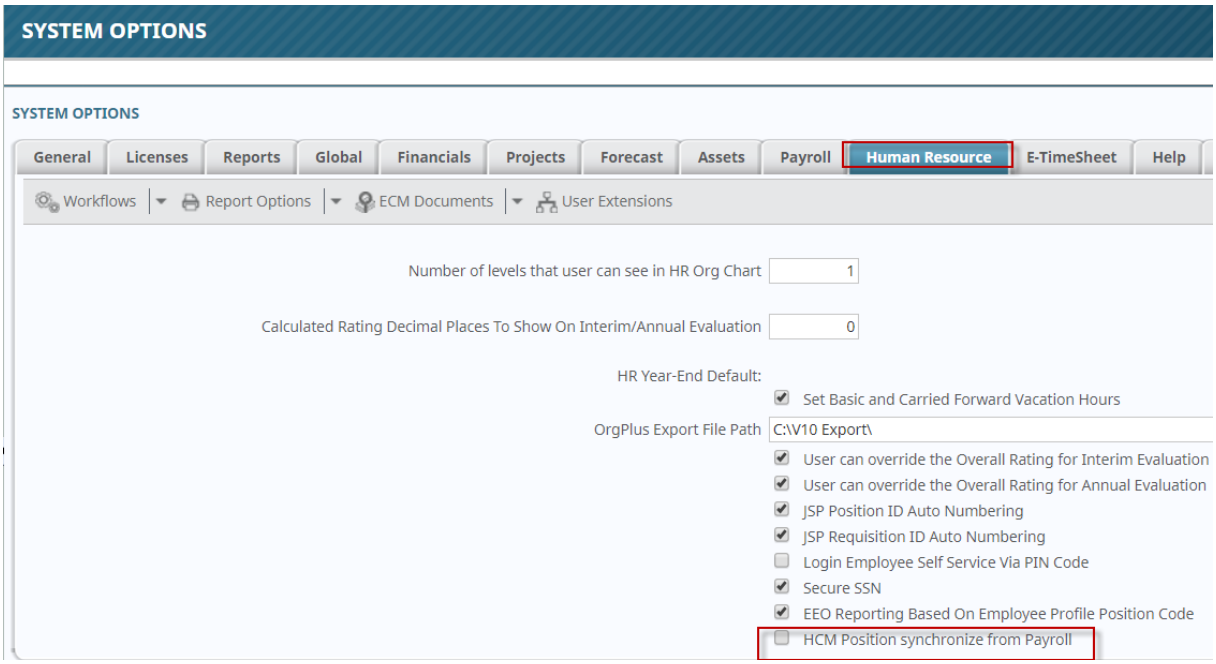
Each employee should have been assigned to position created under HCM Application.

Setup Hierarchy of approvers in Access code administration.

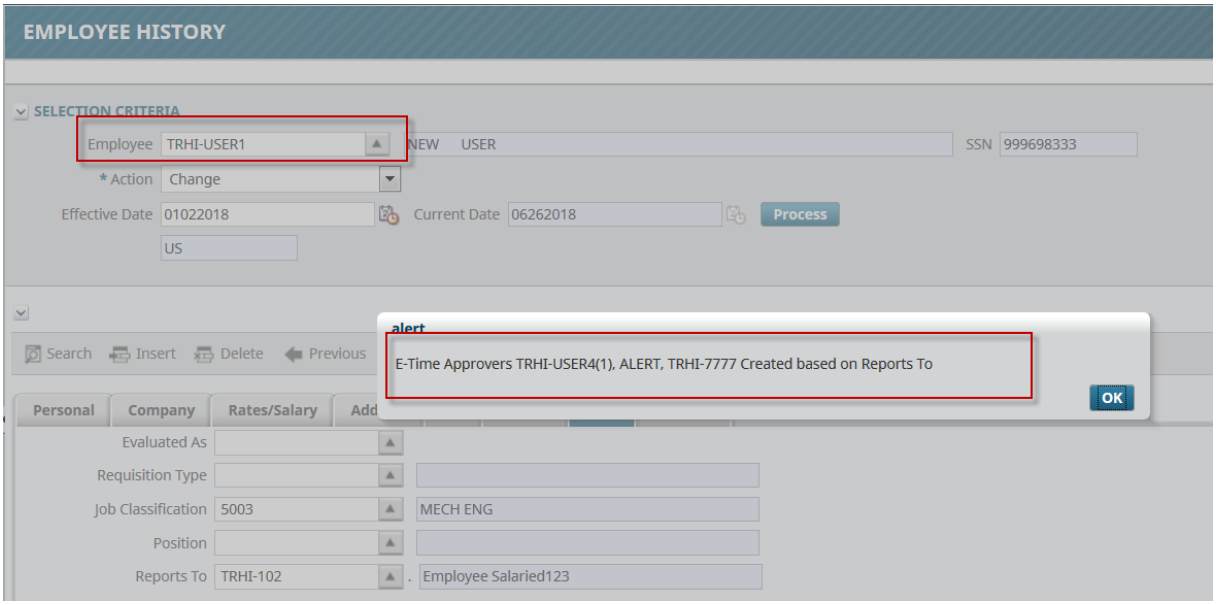


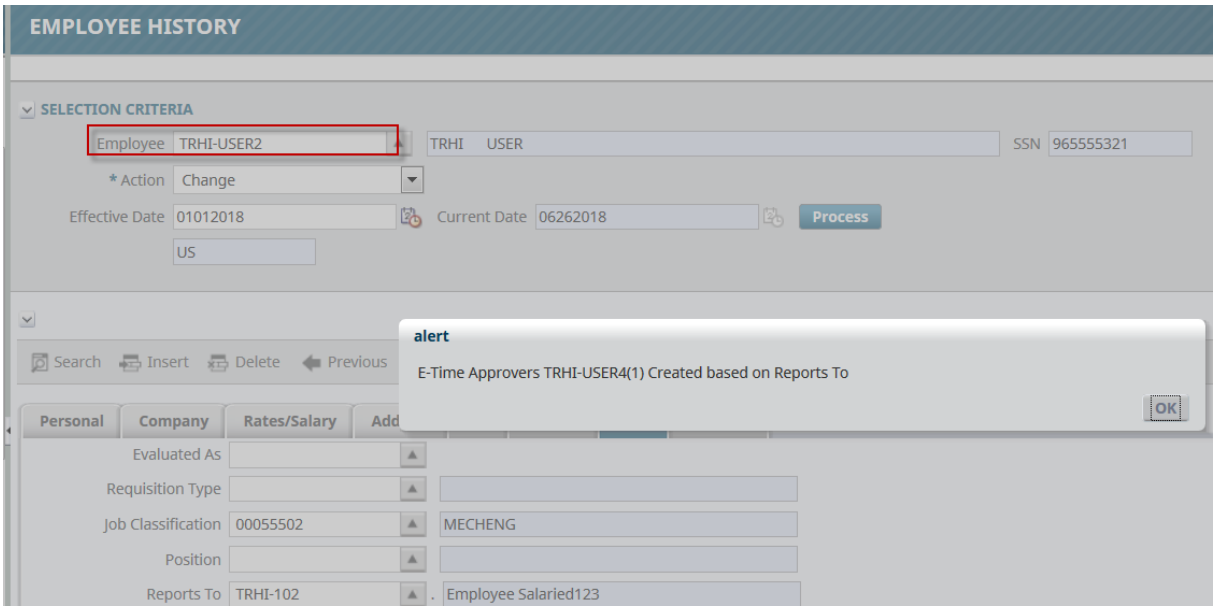
As part of a new implementation two new programs “Reports to Change” and “Position Change” have been created, they can be accessed through employee history if, the Manager is retired or terminated then an option is provided to select another Employee or position to replace that user OR they can be added through treeview builder and run from menu INDEPENDENTLY, if needed to re-assign Manager.

1. HCM position synchronize from Payroll is unchecked in system option.

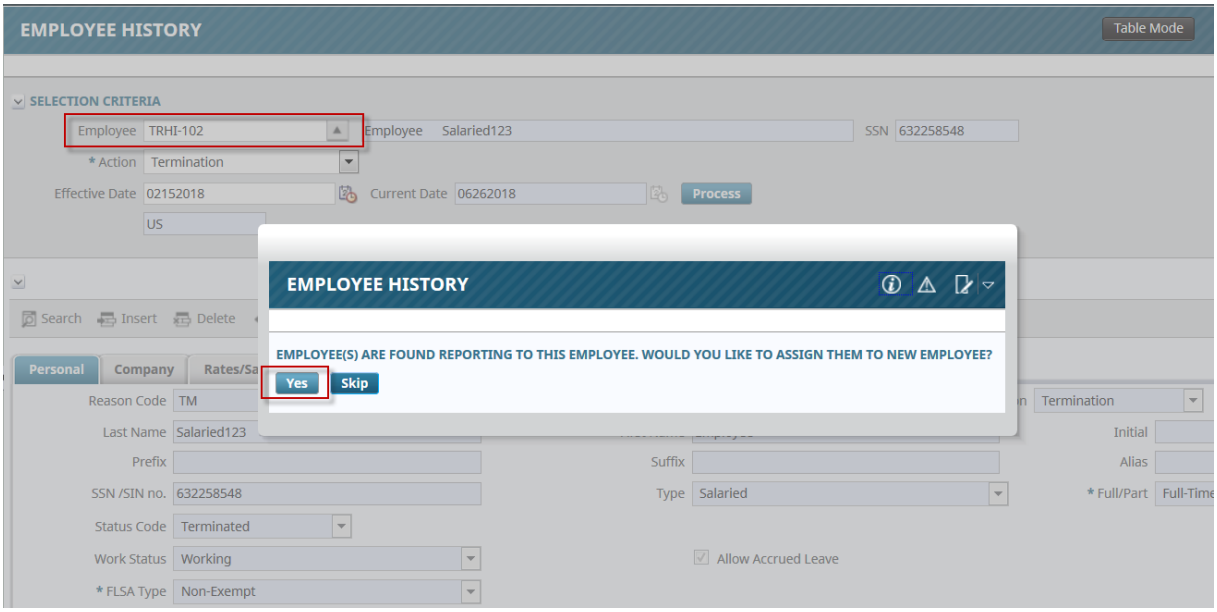


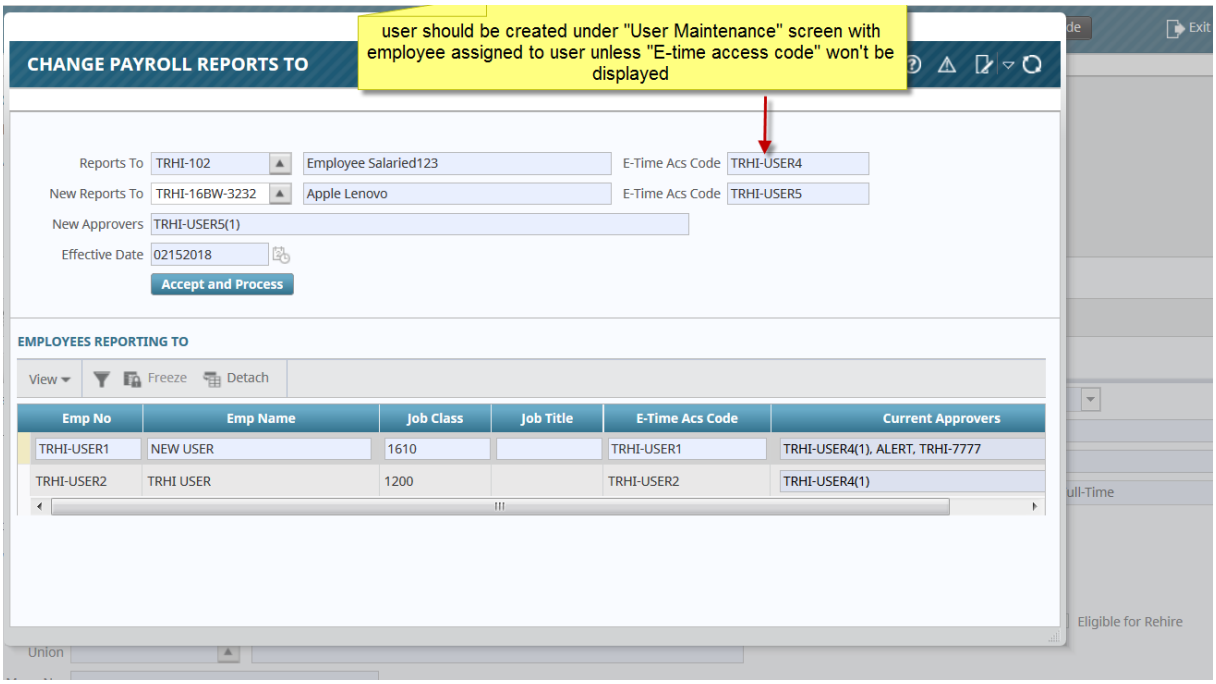
1.a When Employee is assigned to higher level as a Manager to approve their timesheet, the following alert will be received by updating employee history.



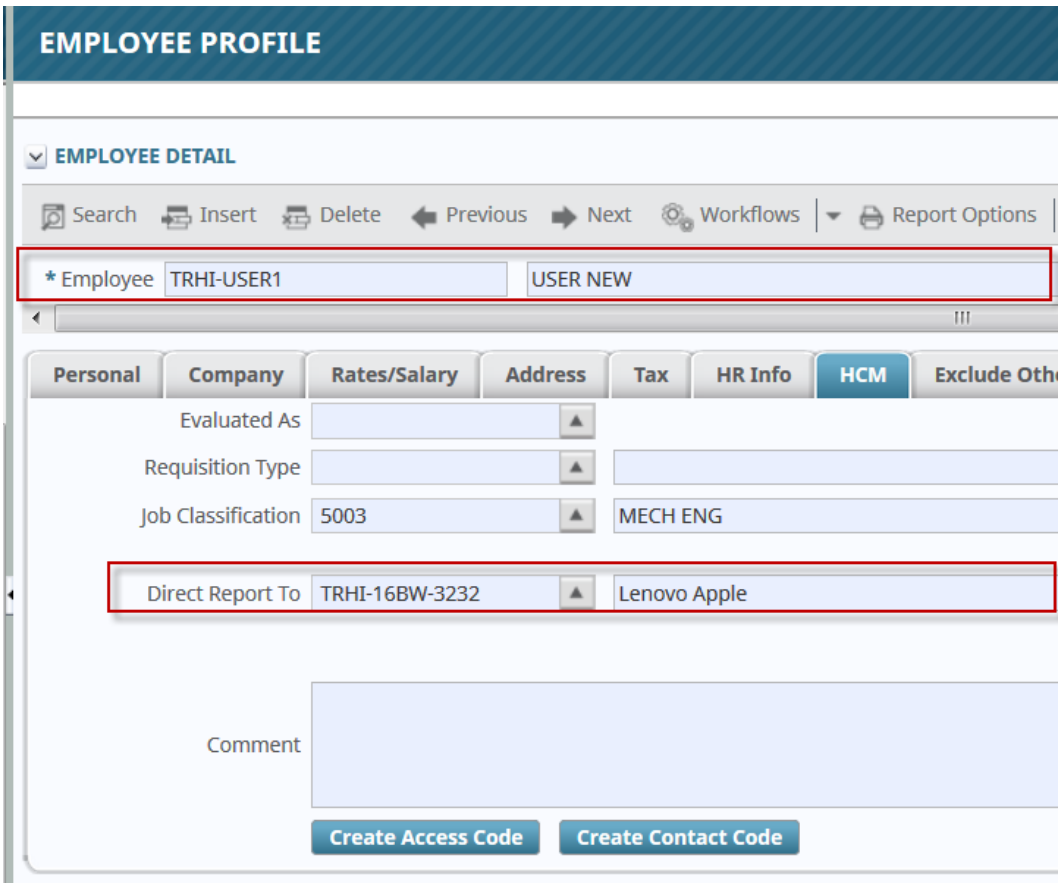


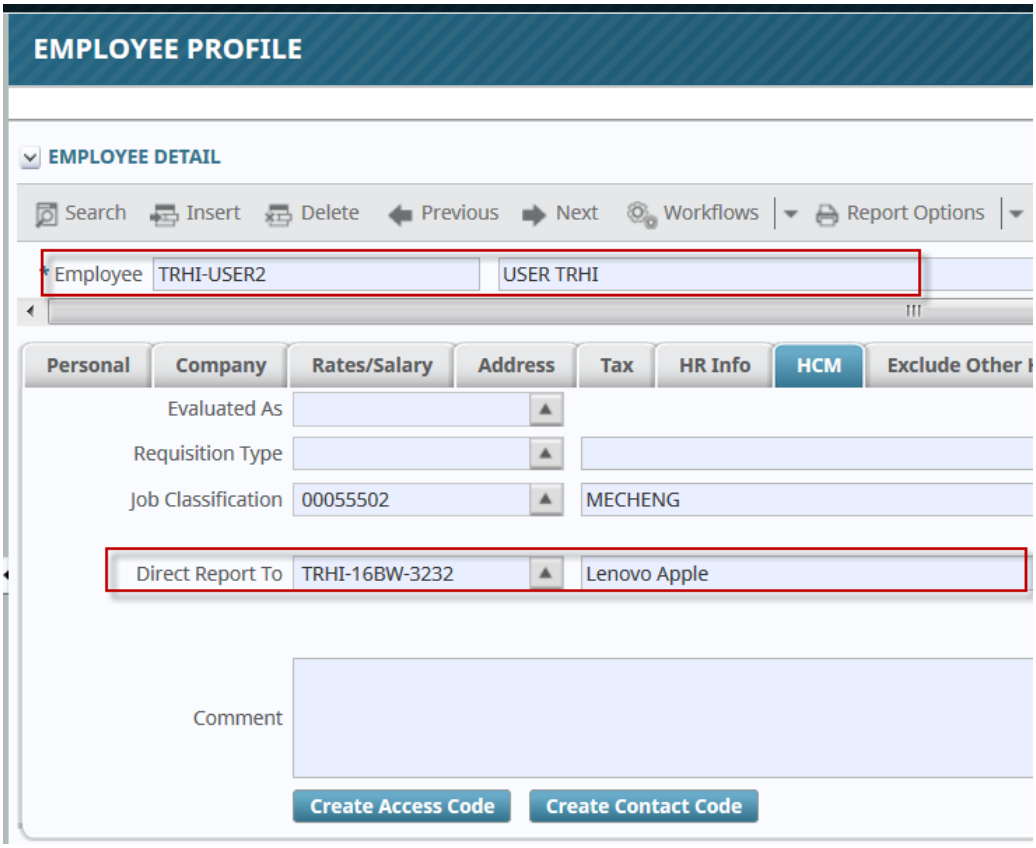
By terminating/Retiring the higher level of approver then different alert will be appearing to notify user to assign the employee to NEW MANAGER.



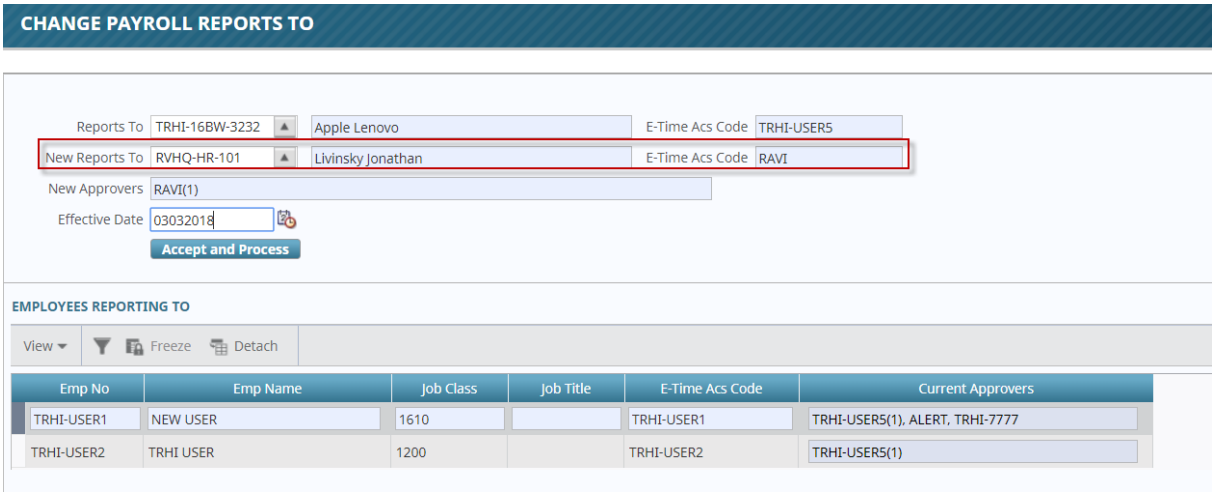


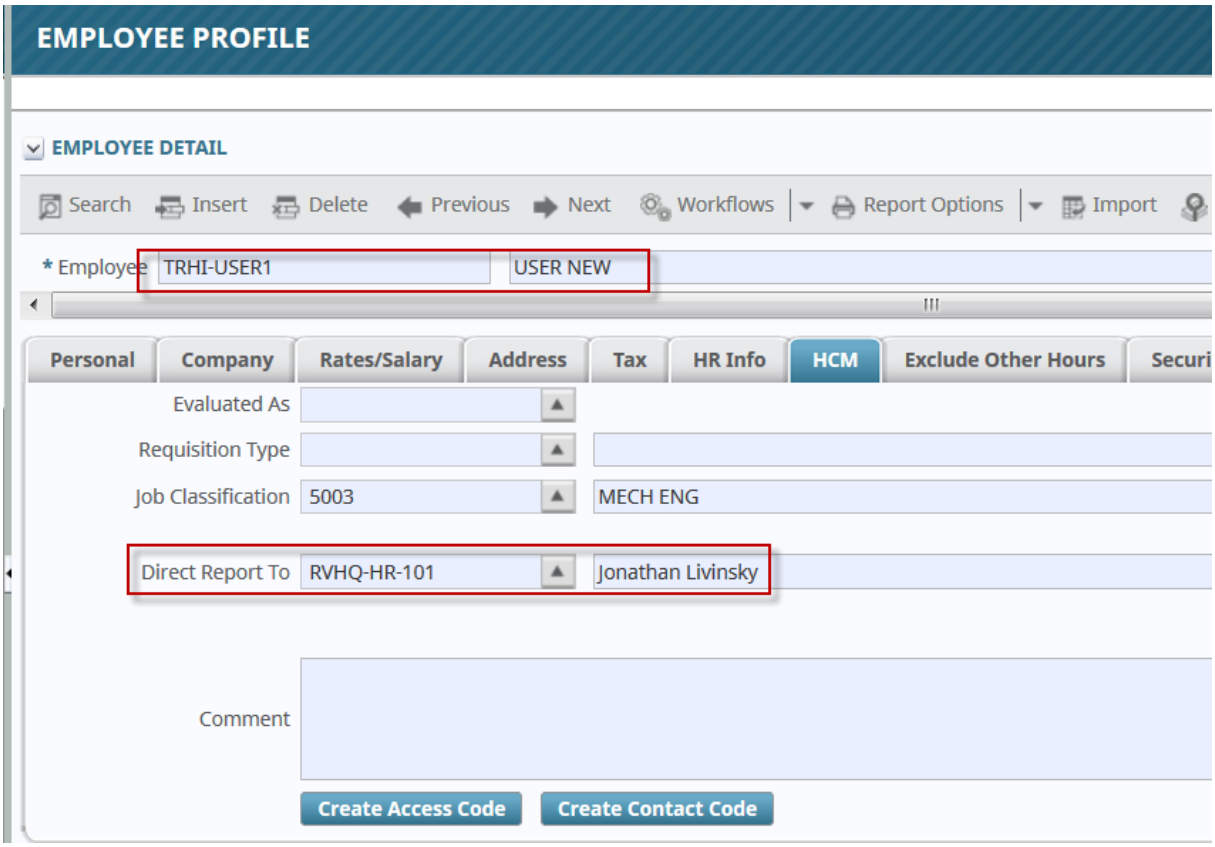
Check the employee profile to make sure the new approves has been assigned to the employee:



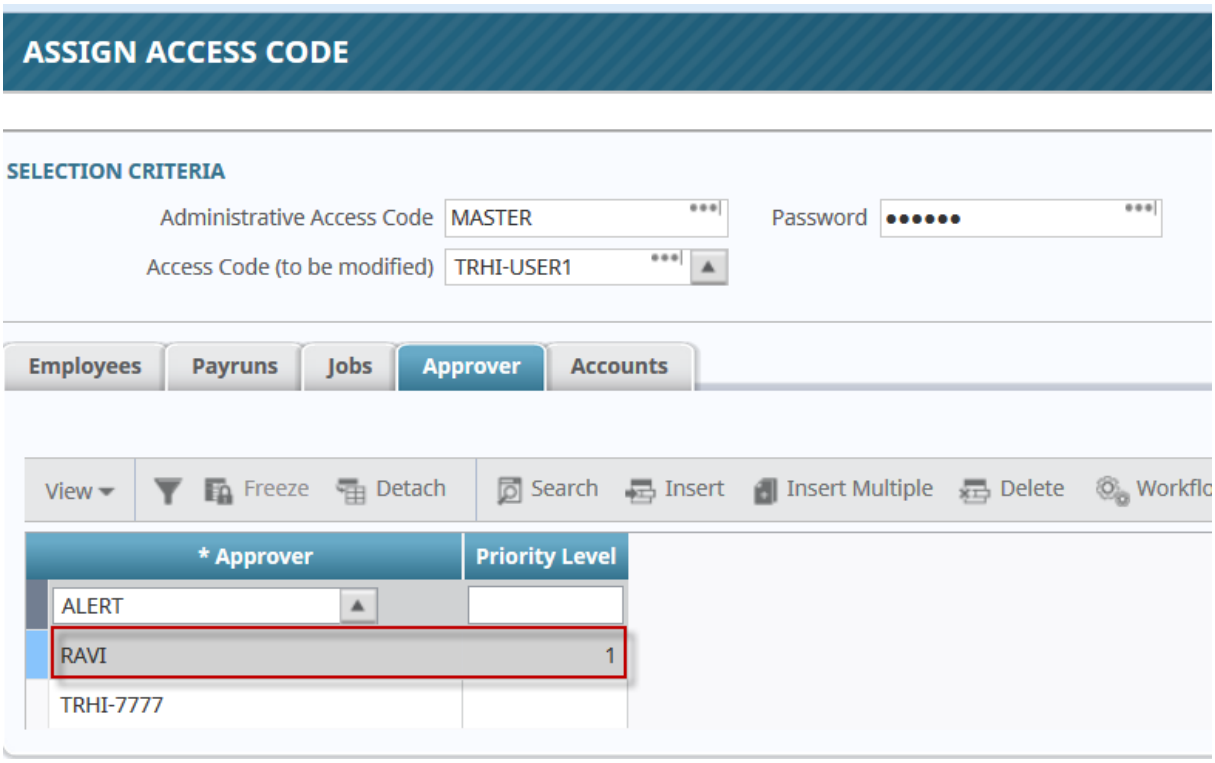


If user wishes to modify the screen later, “Report to” can be added to the menu through treeview builder and run from there.

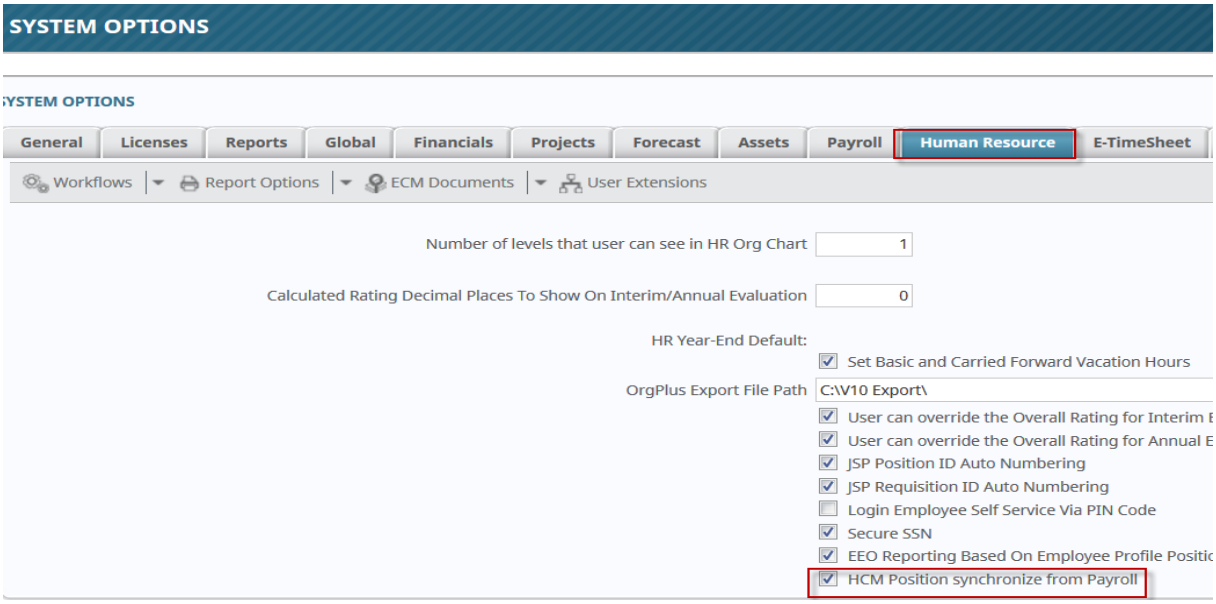


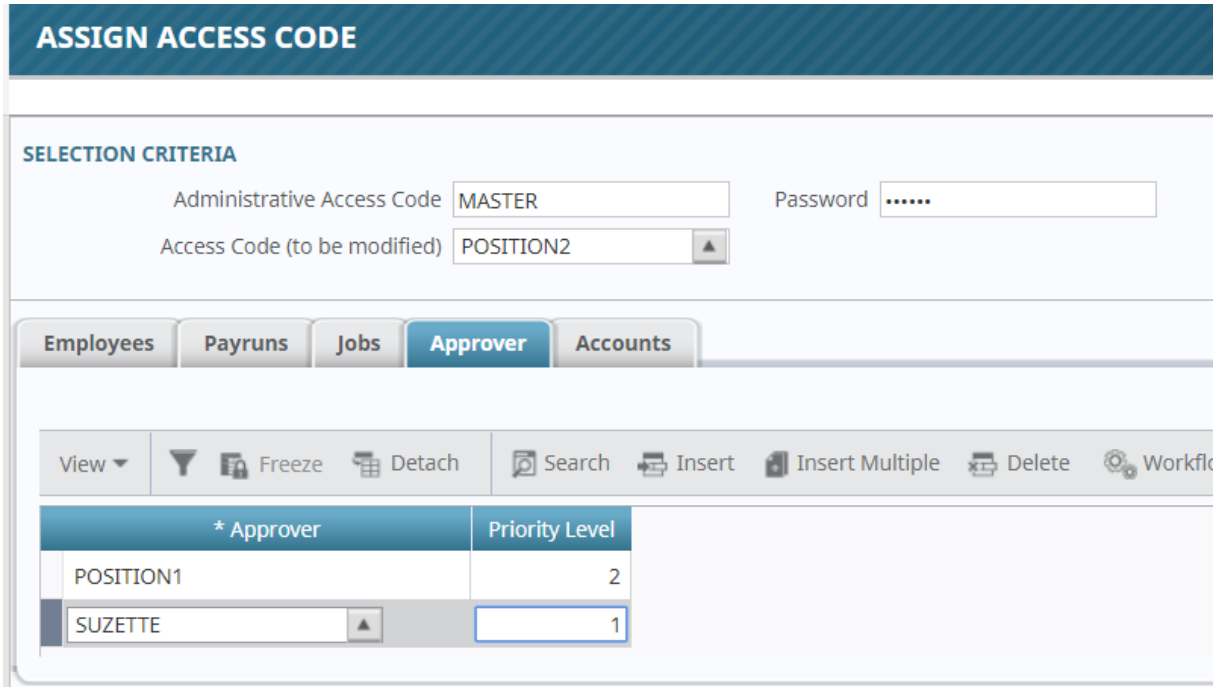


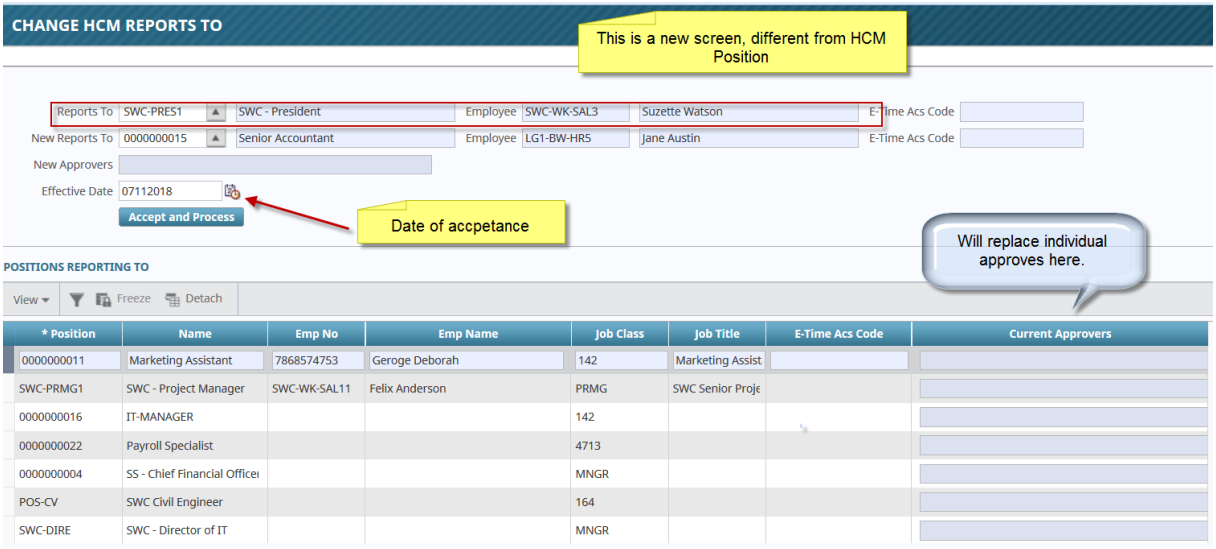
Check the new hierarchy of approver in access code Administration screen for employee:



2. HR- Position Change- Screen to facilitate changing of “Position Code” when HCM is Synchronize with Payroll in System Options.







How current Approvers can be replaced:

Only up to 2 Approvers will be calculated-With Priority 1 and 2

Only current Approvers 1 and 2 will be replaced

Note that 1 new approves may replace 2 current approvers.

Transfer Labor Costs Between Jobs– Addition of WBS Codes (16.25753)

A new enhanced detail Labor Transfer Cost screen is converted in ADF to allow users to select detail timesheets instead of existing Labor Transfer Summary screen. The detailed version of the new enhanced Transfer Labor Cost Entry Detail screen will allow users to transfer the labor hours at a detail level to other jobs with negative and positive transactions. In this detail version users can also transfer transaction with PCI (defined in WBS1). All WBS Codes have been programmed and implemented for this functionality in this phase.

Individual lines as per timesheet entered timesheet. Rate based on Union and Shift is also considered in this screen. The Job Information on Transfer Job section on the screen is modified to add timesheet dates and sequence number to display data in details.

User must make the four WBS fields visible in this screen in the second block as well as the third block via the Lite Editor.

Second Block – Job Information: User should display the following ‘Hidden Fields’ that correspond with WBS codes: WBS Code 1, WBS Code 2, WBS Code 3 and WBS Code 4

Third Block – Transfer Jobs: User Field5 and User Field Name5 = WBS1

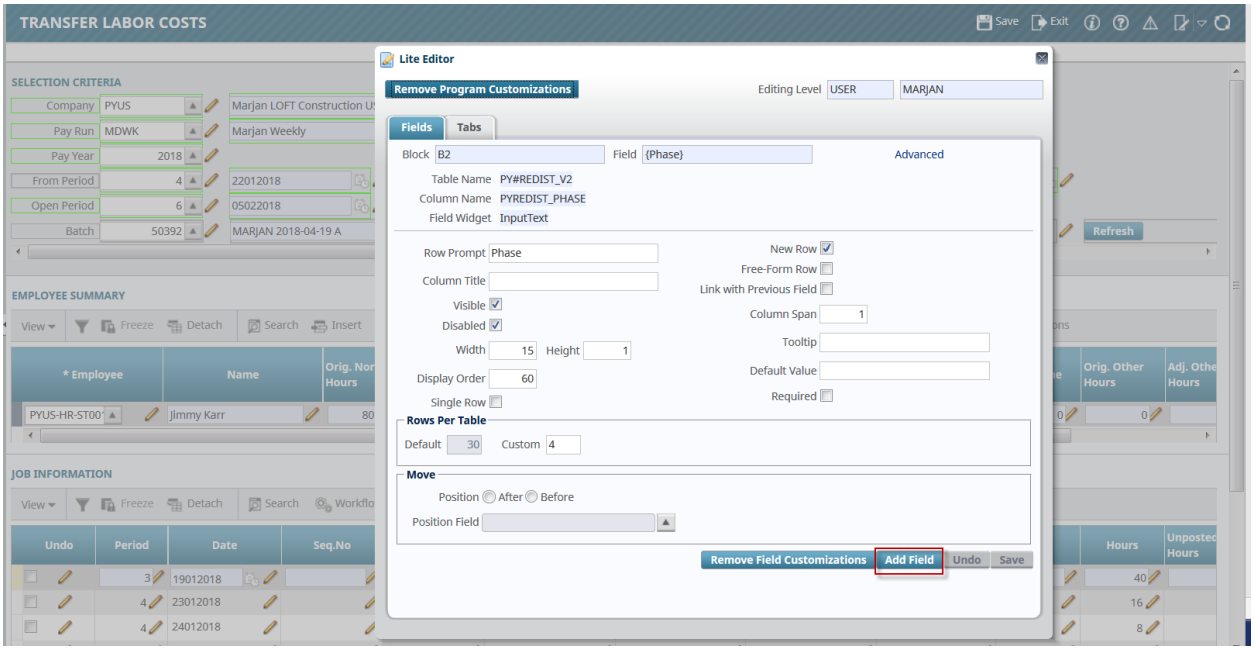
User Field6 and User Field Name6 = WBS2

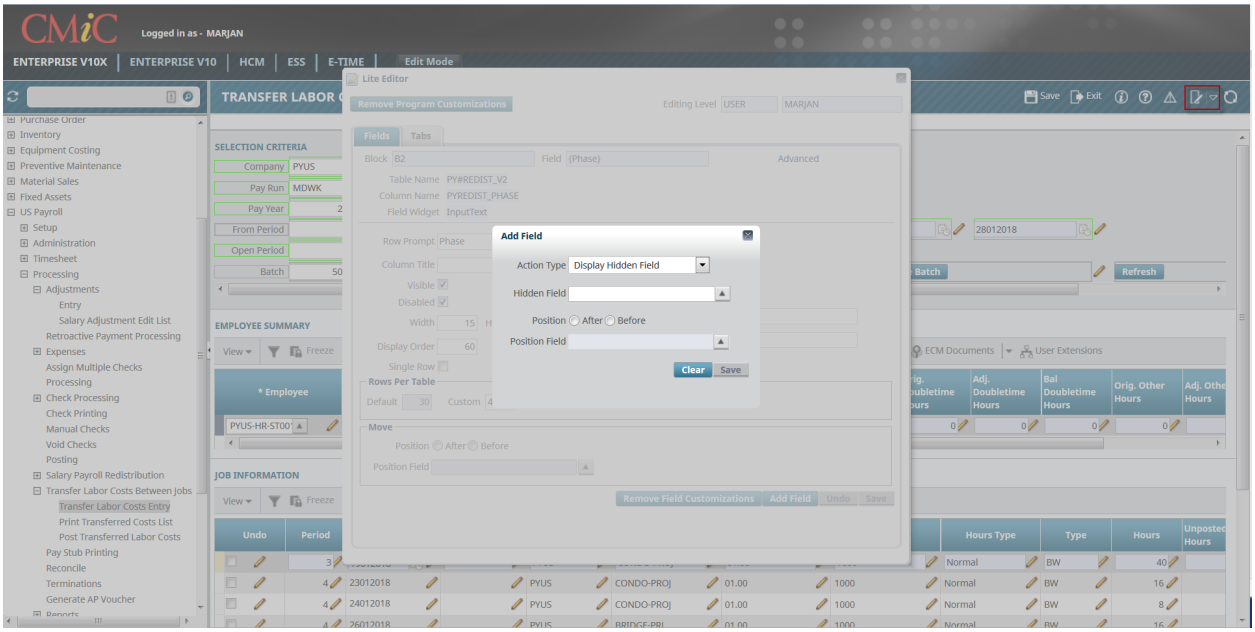
User Field7 and User Field Name7 = WBS3

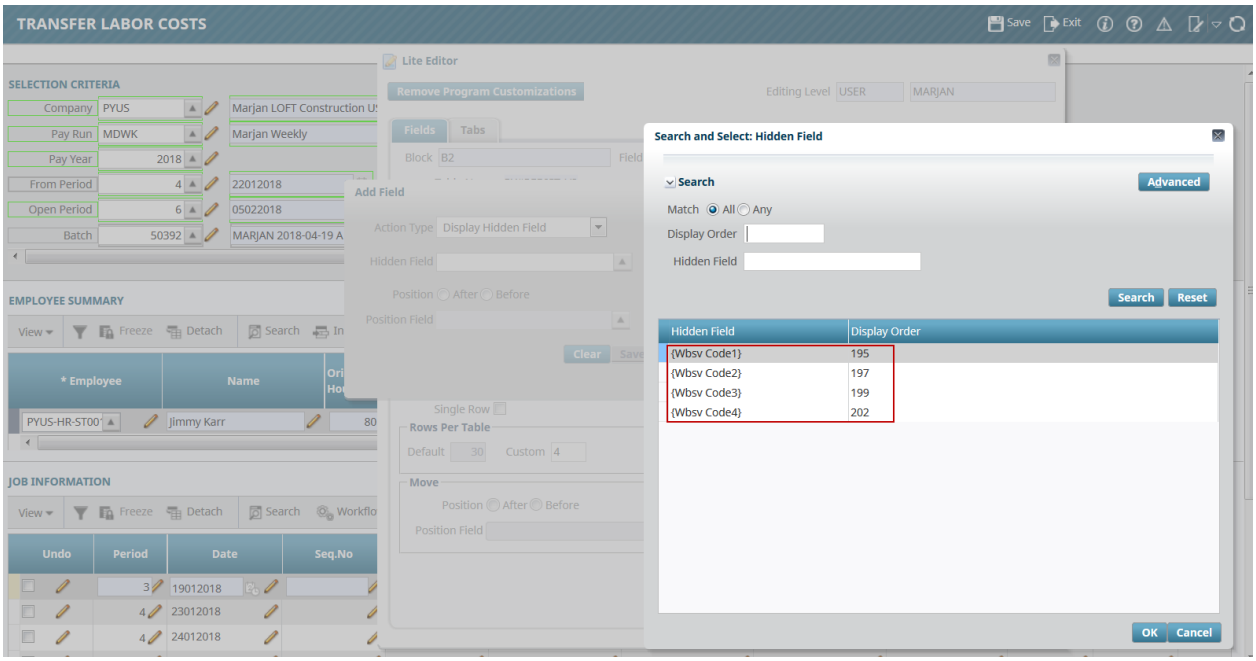
User Field8 and User Field Name8 = WBS4

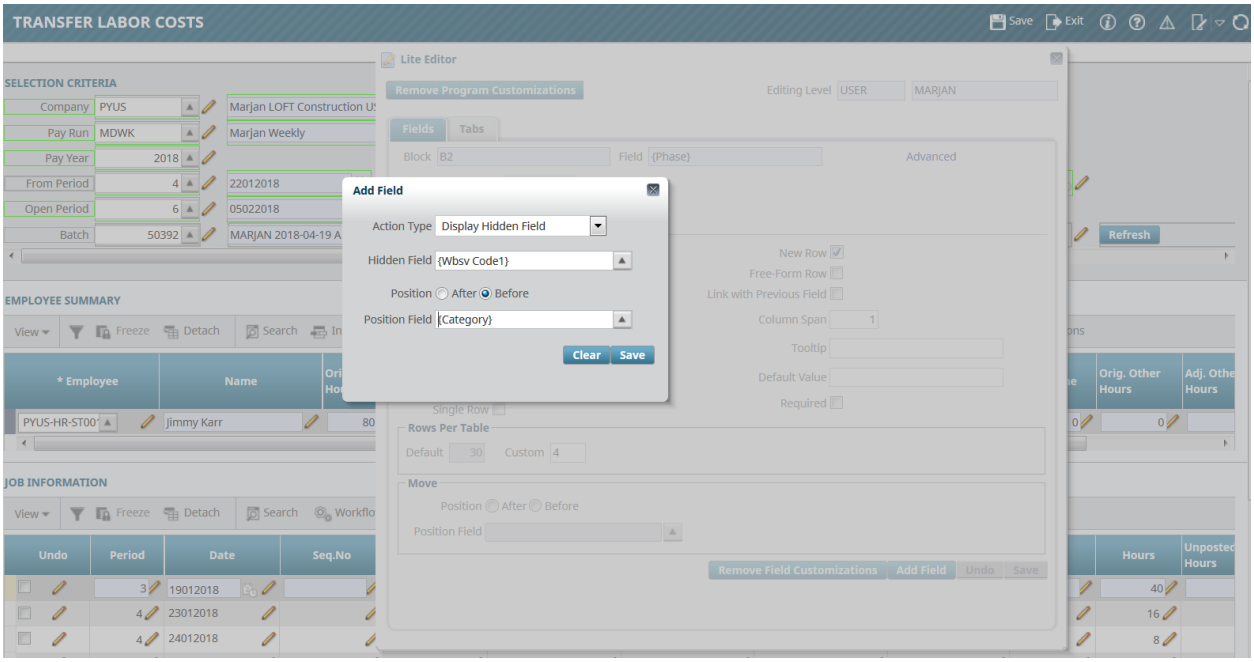
NOTE: User can also rename the field labels via Lite Editor.

Display Hidden Fields on the Transfer Labor Cost Entry screen first via Lite Editor.

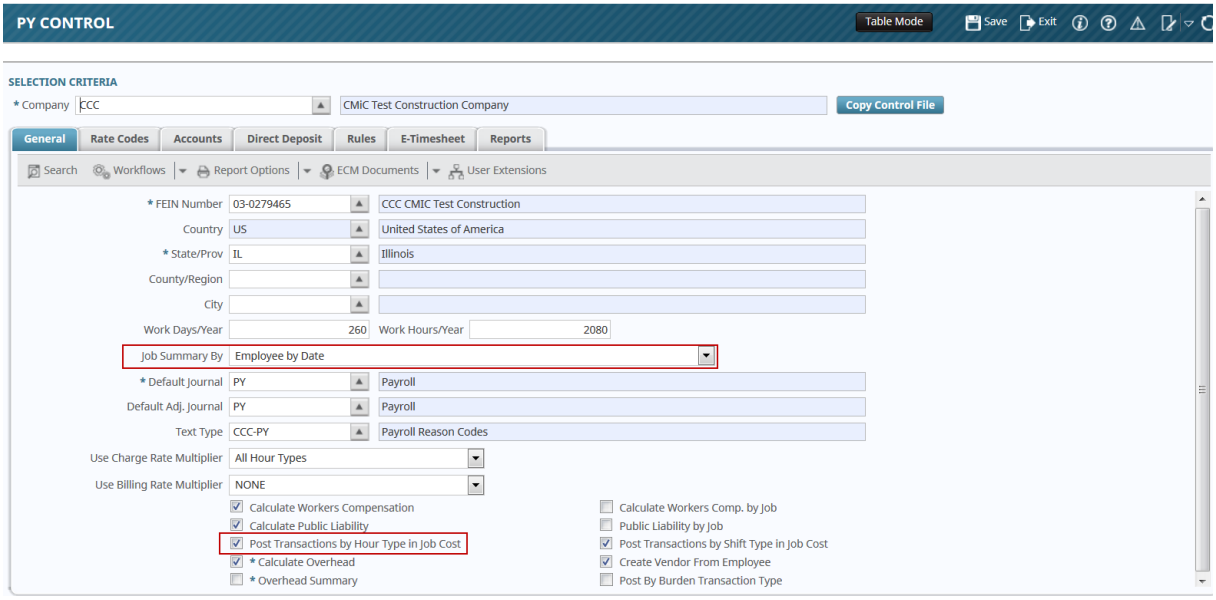





TRANSFER LABOR COSTS
Save
Exit
SELECTION CRITERIA
Company PYUS
Marjan LOFT Construction U
Pay Run MDWK
Marjan Weekly
Pay Year 2018
From Period 4
22012018
Open Period 6
05022018
Batch 50392
MARJAN 2018-04-19 A
Lite Editor
Remove Program Customizations
Editing Level USER
MARJAN
Fields
Tabs
Block B2
Field
Add Field
Action Type Display Hidden Field
Hidden Field
Position After Before
Position Field
Clear
Save
Search and Select: Hidden Field
Search
Advanced
Match All Any
Display Order
Hidden Field
Search
Reset
Hidden Field
Display Order
{Wbsv Code1} 195
{Wbsv Code2} 197
{Wbsv Code3} 199
{Wbsv Code4} 202
OK
Cancel
EMPLOYEE SUMMARY
View
Freeze
Detach
Search
* Employee
Name
PYUS-HR-ST00
Jimmy Karr
Single Row
Rows Per Table
Default 30
Custom 4
Move
Position After Before
Position Field
JOB INFORMATION
Undo
Period
Date
Seq.No
3 19012018
4 23012018
4 24012018


TRANSFER LABOR COSTS
Save
Exit
SELECTION CRITERIA
Company PYUS
Marjan LOFT Construction U
Pay Run MDWK
Marjan Weekly
Pay Year 2018
From Period 4
22012018
Open Period 6
05022018
Batch 50392
MARJAN 2018-04-19 A
Lite Editor
Remove Program Customizations
Editing Level USER
MARJAN
Fields
Tabs
Block B2
Field {Phase}
Advanced
Add Field
Action Type Display Hidden Field
Hidden Field {Wbsv Code1}
Position After Before
Position Field {Category}
Clear
Save
Refresh
New Row
Free-Form Row
Link with Previous Field
Column Span 1
Tooltip
Default Value
Required
EMPLOYEE SUMMARY
View
Freeze
Detach
Search
* Employee
Name
Orig. Other Hours
Adj. Other Hours
PYUS-HR-ST00
Jimmy Karr
Single Row
Rows Per Table
Default 30
Custom 4
Move
Position After Before
Position Field
JOB INFORMATION
Undo
Period
Date
Seq.No
Hours
Unposted Hours
3 19012018 40
4 23012018 16
4 24012018 8
Remove Field Customizations
Add Field
Undo
Save

PY Control Settings:



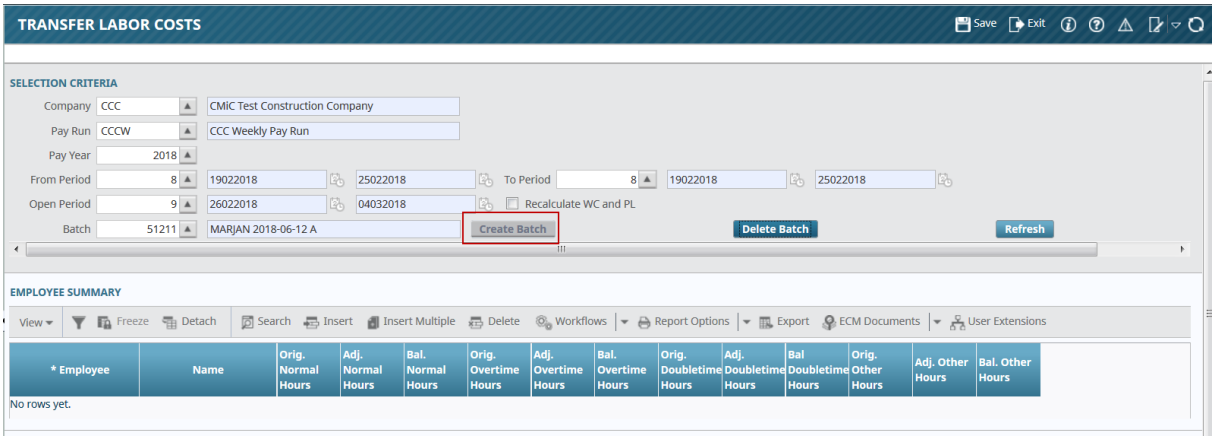
User should ensure that Job Summary by is '**Employee by Date**' with '**Post by Transactions by Hour Type in Job Cost'** flag is checked.

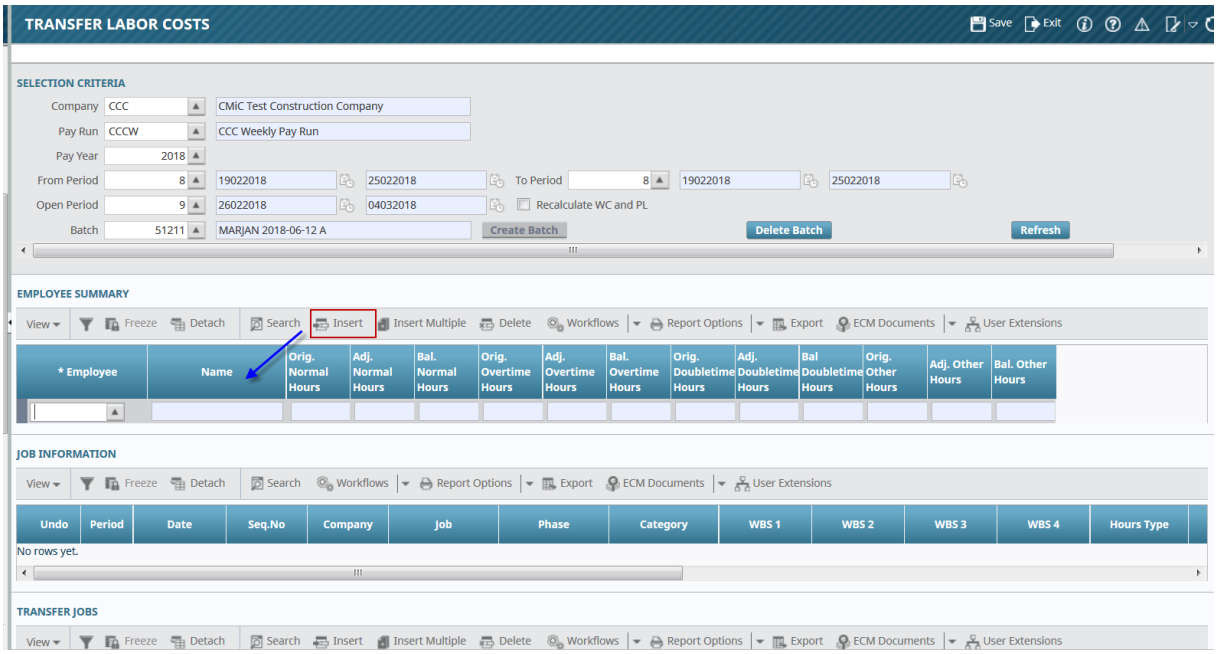
NOTE: If you have created a batch in Transfer Labor Costs-Detail, user cannot use the same batch in Transfer Labor Cost Summary Screen. If user has created batch as Summary Level Batch, then that Batch Number cannot be used in Detail Screen (this is for customers who utilize ADF and FORMS version).

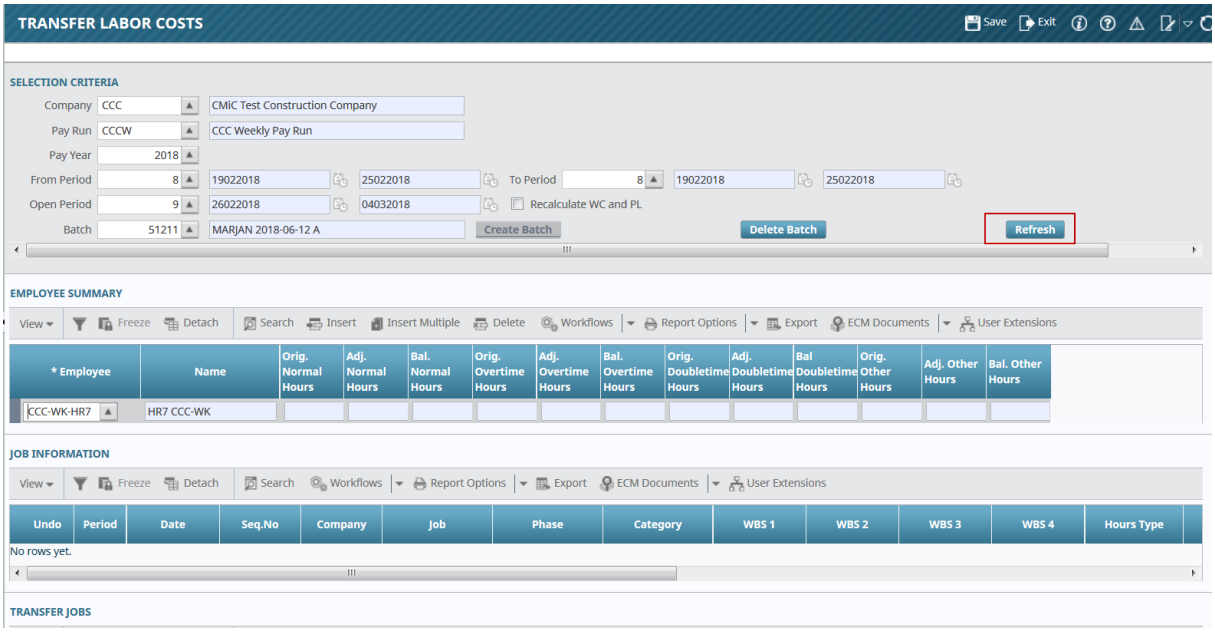
The 'Transferred Labor Costs Listing Report is modified to include the new detailed columns and information of the WBS Codes and PCI (defined as WBS1).

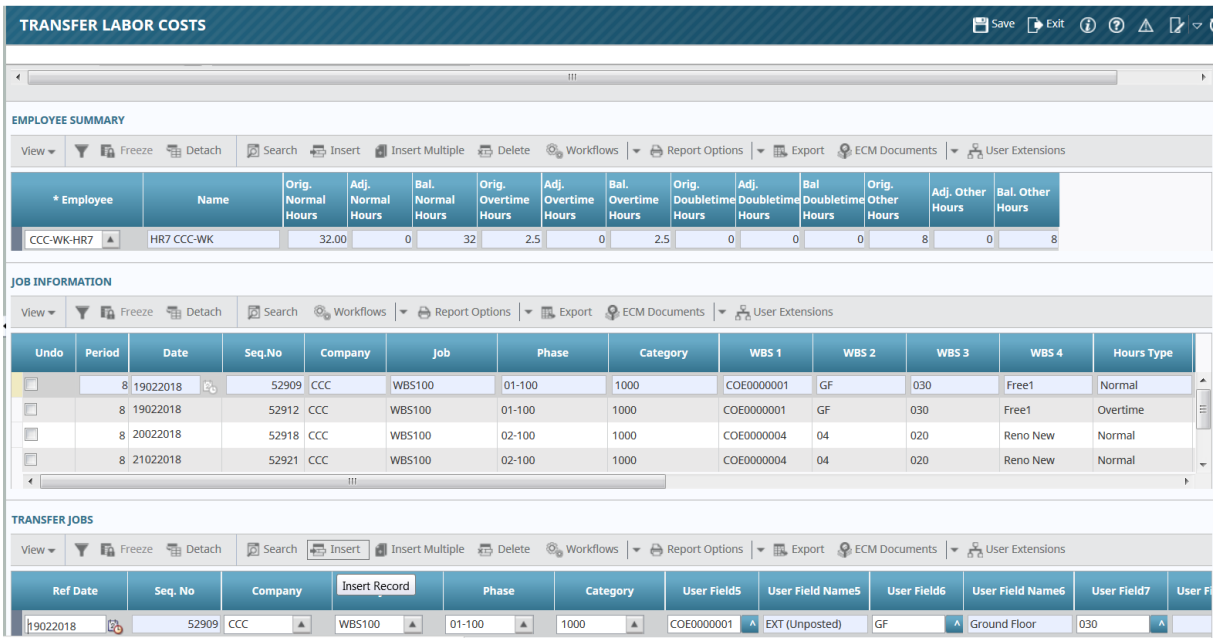
Report Code: PYREDIST_DET

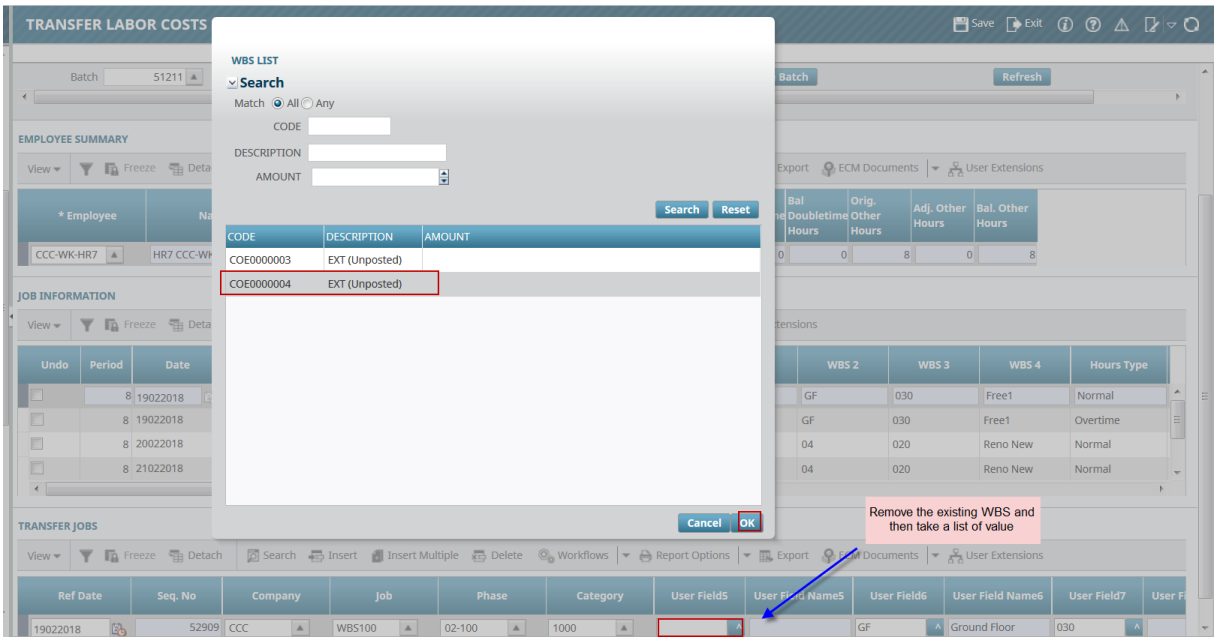
Transfer Labor Cost Posting Report for JC705 is also modified to display the WBS information.

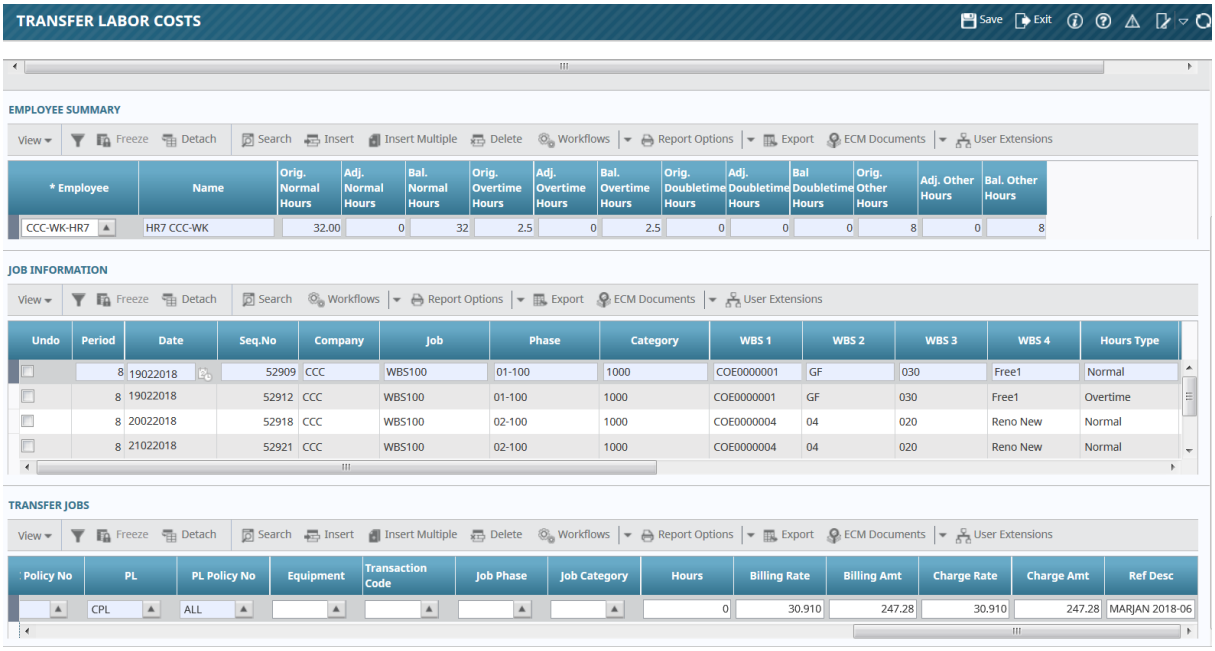



TRANSFER LABOR COSTS
Save
Exit
SELECTION CRITERIA
Company CCC CMiC Test Construction Company
Pay Run CCCW CCC Weekly Pay Run
Pay Year 2018
From Period 8 19022018 25022018 To Period 8 19022018 25022018
Open Period 9 26022018 04032018 Recalculate WC and PL
Batch 51211 MARJAN 2018-06-12 A Create Batch Delete Batch Refresh
EMPLOYEE SUMMARY
View Freeze Detach Search Insert Insert Multiple Delete Workflows Report Options Export ECM Documents User Extensions
* Employee
Name
Orig. Normal Hours
Adj. Normal Hours
Bal. Normal Hours
Orig. Overtime Hours
Adj. Overtime Hours
Bal. Overtime Hours
Orig. Doubletime Hours
Adj. Doubletime Hours
Bal Doubletime Hours
Orig. Other Hours
Adj. Other Hours
Bal. Other Hours
JOB INFORMATION
View Freeze Detach Search Workflows Report Options Export ECM Documents User Extensions
Undo
Period
Date
Seq.No
Company
Job
Phase
Category
WBS 1
WBS 2
WBS 3
WBS 4
Hours Type
No rows yet.
TRANSFER JOBS
View Freeze Detach Search Insert Insert Multiple Delete Workflows Report Options Export ECM Documents User Extensions

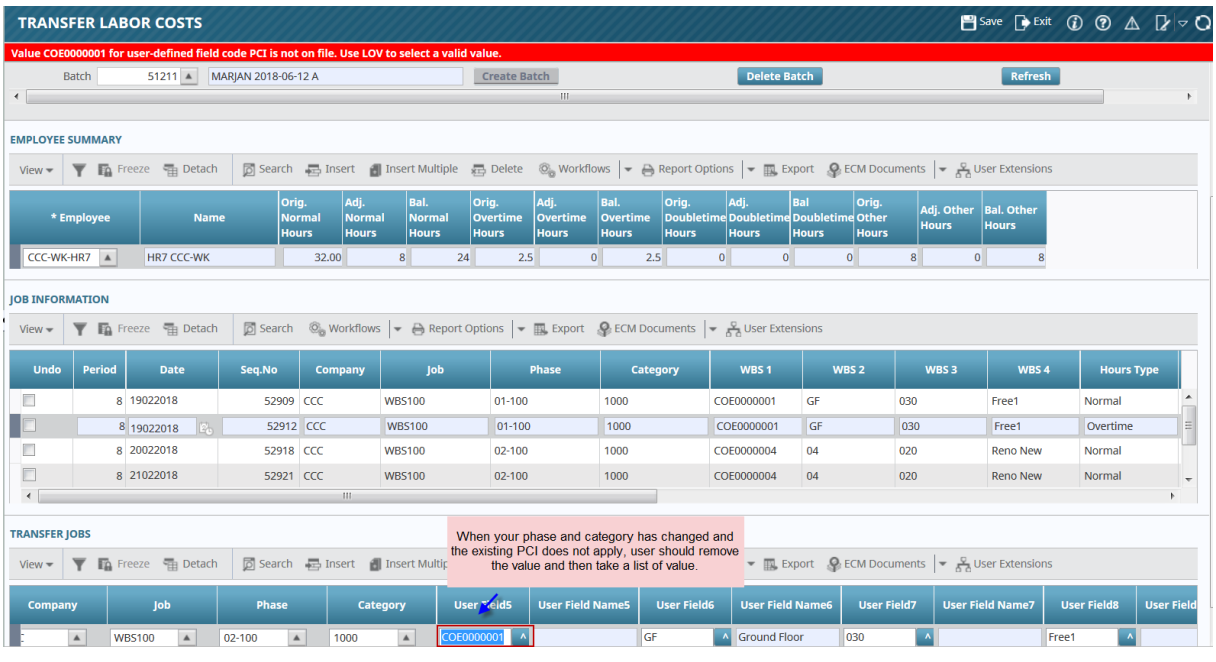

TRANSFER LABOR COSTS
Save
Exit
SELECTION CRITERIA
Company CCC CMiC Test Construction Company
Pay Run CCCW CCC Weekly Pay Run
Pay Year 2018
From Period 8 19022018 25022018 To Period 8 19022018 25022018
Open Period 9 26022018 04032018 Recalculate WC and PL
Batch 51211 MARJAN 2018-06-12 A Create Batch Delete Batch Refresh
EMPLOYEE SUMMARY
View Freeze Detach Search Insert Insert Multiple Delete Workflows Report Options Export ECM Documents User Extensions
* Employee
Name
Orig. Normal Hours
Adj. Normal Hours
Bal. Normal Hours
Orig. Overtime Hours
Adj. Overtime Hours
Bal. Overtime Hours
Orig. Doubletime Hours
Adj. Doubletime Hours
Bal Doubletime Hours
Orig. Other Hours
Adj. Other Hours
Bal. Other Hours
CCC-WK-HR7
HR7 CCC-WK
JOB INFORMATION
View Freeze Detach Search Workflows Report Options Export ECM Documents User Extensions
Undo
Period
Date
Seq.No
Company
Job
Phase
Category
WBS 1
WBS 2
WBS 3
WBS 4
Hours Type
No rows yet.
TRANSFER JOBS

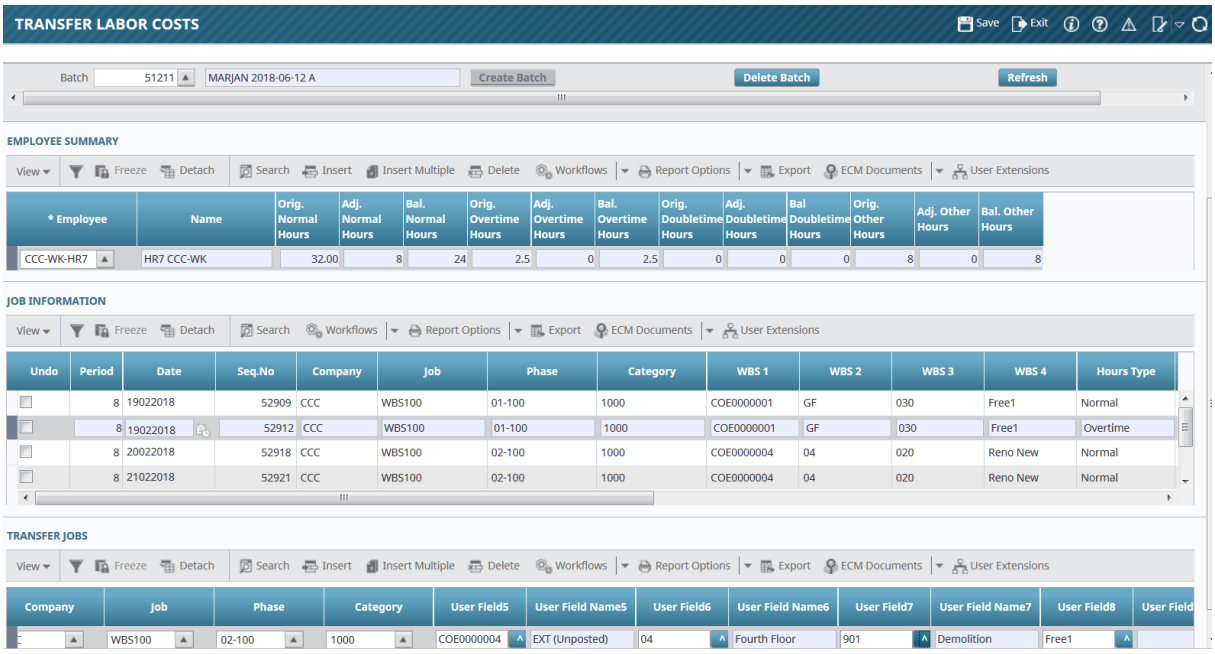

TRANSFER LABOR COSTS
Save
Exit
EMPLOYEE SUMMARY
View
Freeze
Detach
Search
Insert
Insert Multiple
Delete
Workflows
Report Options
Export
ECM Documents
User Extensions
* Employee
Name
Orig. Normal Hours
Adj. Normal Hours
Bal. Normal Hours
Orig. Overtime Hours
Adj. Overtime Hours
Bal. Overtime Hours
Orig. Doubletime Hours
Adj. Doubletime Hours
Bal Doubletime Hours
Orig. Other Hours
Adj. Other Hours
Bal. Other Hours
CCC-WK-HR7
HR7 CCC-WK
32.00
0
32
2.5
0
2.5
0
0
0
8
0
8
JOB INFORMATION
Undo
Period
Date
Seq.No
Company
Job
Phase
Category
WBS 1
WBS 2
WBS 3
WBS 4
Hours Type
8 19022018 52909 CCC WBS100 01-100 1000 COE0000001 GF 030 Free1 Normal
8 19022018 52912 CCC WBS100 01-100 1000 COE0000001 GF 030 Free1 Overtime
8 20022018 52918 CCC WBS100 02-100 1000 COE0000004 04 020 Reno New Normal
8 21022018 52921 CCC WBS100 02-100 1000 COE0000004 04 020 Reno New Normal
TRANSFER JOBS
Insert Record
Ref Date
Seq. No
Company
Phase
Category
User Field5
User Field Name5
User Field6
User Field Name6
User Field7
19022018 52909 CCC WBS100 01-100 1000 COE0000001 EXT (Unposted) GF Ground Floor 030


TRANSFER LABOR COSTS
Save
Exit
Batch 51211
Refresh
WBS LIST
Search
Match All Any
CODE
DESCRIPTION
AMOUNT
Search
Reset
CODE
DESCRIPTION
AMOUNT
COE0000003 EXT (Unposted)
COE0000004 EXT (Unposted)
Cancel
OK
Remove the existing WBS and then take a list of value
EMPLOYEE SUMMARY
JOB INFORMATION
TRANSFER JOBS
Ref Date
Seq. No
Company
Job
Phase
Category
User Field5
User Field Name5
User Field6
User Field Name6
User Field7
19022018 52909 CCC WBS100 02-100 1000 GF Ground Floor 030



NOTE: When Transfer Jobs Phase and Category has changed and the existing PCI (WBS1) value does not apply, then user should first remove the value and then take an LOV to select the value. If the value is not removed, user will encounter this error.





Assign Safety to Payable Transactions - BETA Version (17.32141)

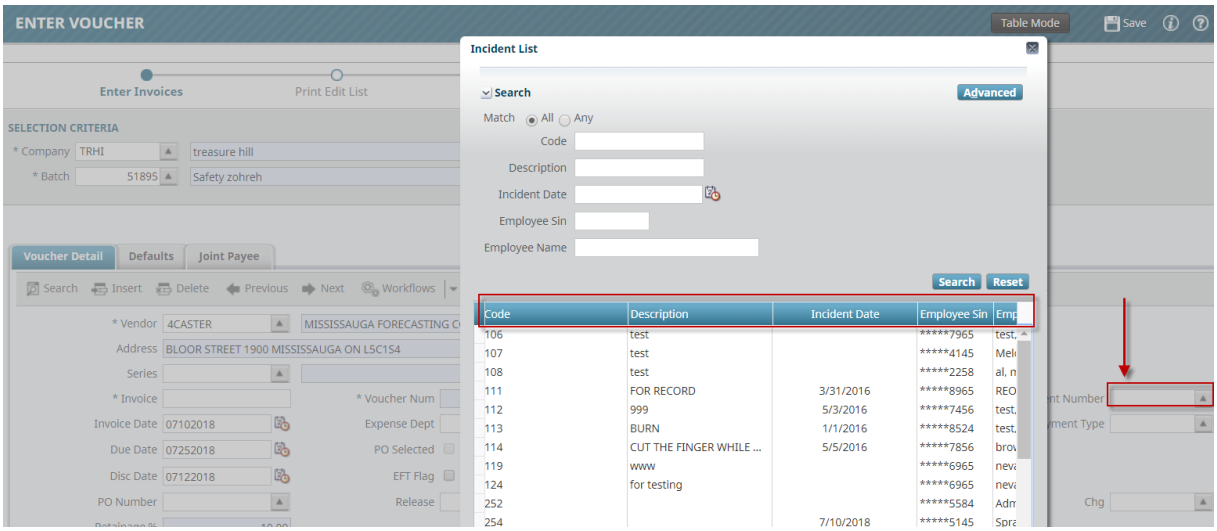
NOTE: This program modification has a few minor developments that are work in progress and is in Beta Release.

Overview:

Add ability to assign safety incident number and payment type to a payable transaction and then the incident reserve screen with Payables transactions information for that incident.

Modification of 'Enter Voucher' screen to add the incident number.

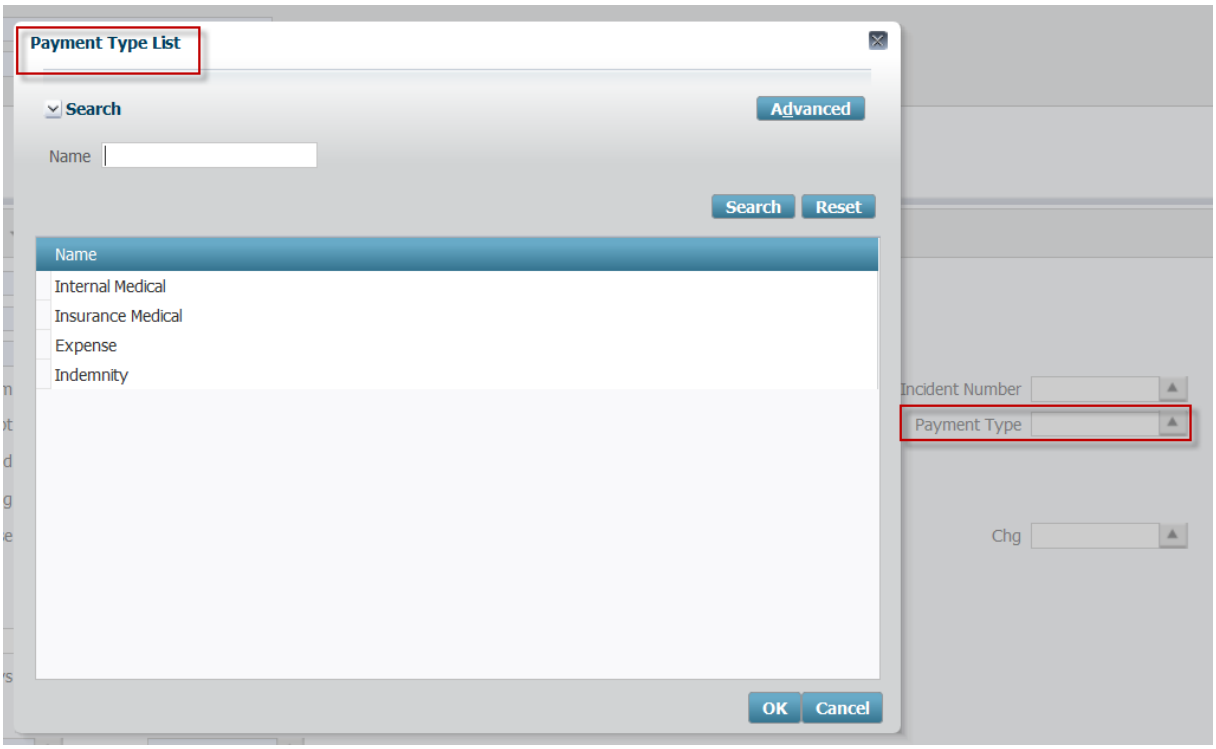
Adding new field with popup screen on "Enter Voucher" screen to show incident number. The pop-up will show 'Incident Number, Description, Incident date, Social Security Number (Masked to the last four digits) and Employee Name. Selecting the incident number would populate the transactions section of the WC Reverse tab on the Enter Incident screen. If Incident has been closed, then that record doesn't appear in this LOV.



Modify the Enter Voucher screen to add the payment type:

Additional field with a popup screen, on the Enter Voucher Screen for the Payment type is implemented. This pop-up scree would be included values as: Internal Medical, Insurance Medical, Expense, and Indemnity.

Selecting the payment type would populate the appropriate column on the transactions section of the WC reserve tab of the Enter Incidents screen.

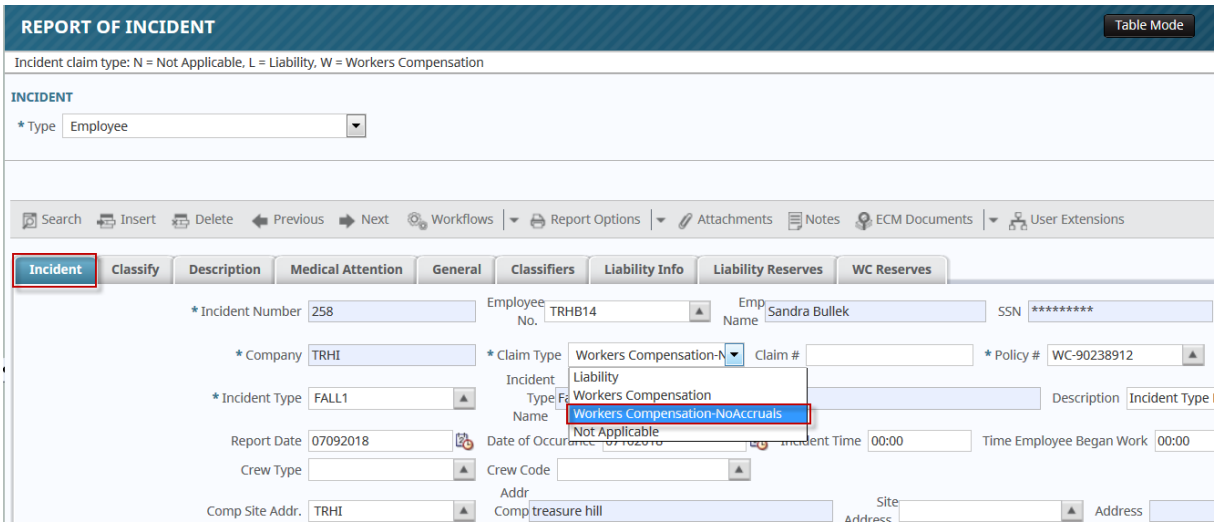


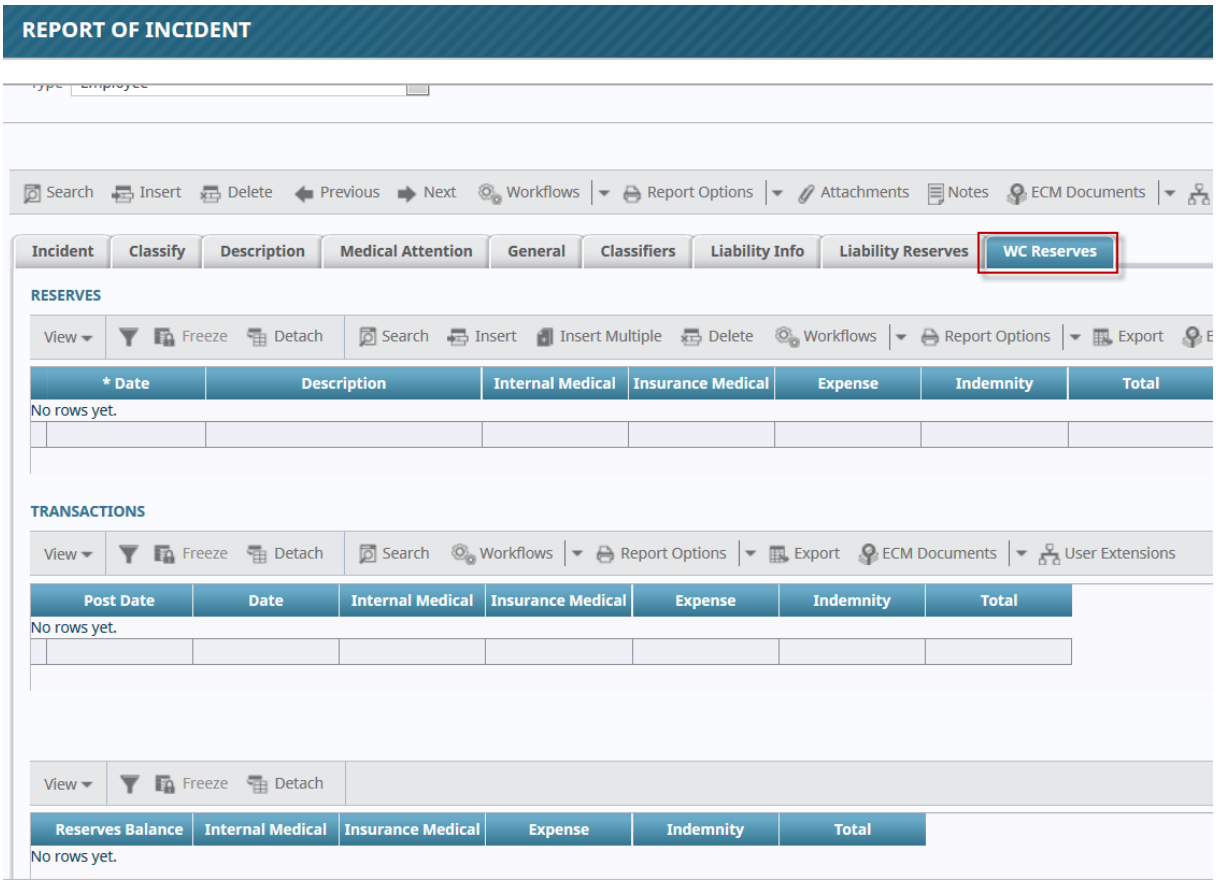
NOTE: User can assign one ‘Incident number’ with different selection of ‘Payment Types’ to different vouchers created through voucher entry screen.

Changes on WC Reserves tab on the Enter Incidents screen:

Adding a new value to “Claim Type” dropdown list under Incident Tab as “Workers Compensation- No Accruals”. When this is selected then does not accrue any reserves to a job directly to the general ledger accounts.

In addition, by selecting this option there will be some modification on “WC Reserve” Screen as shown below screenshot:

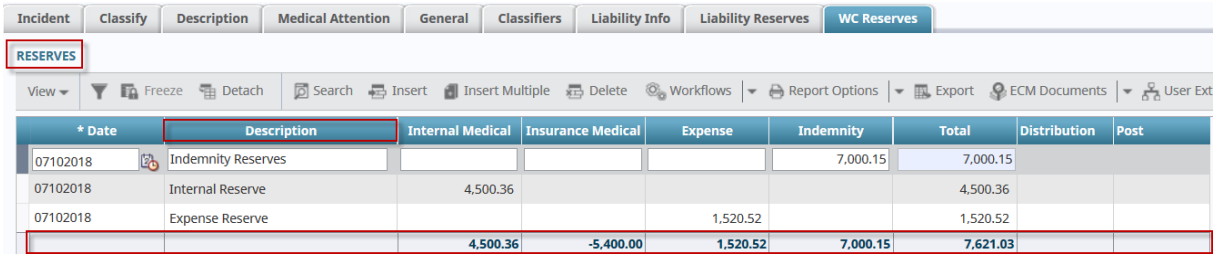




Reserve Section:

Add a Description" field for each reserve transaction.

Add a subtotal line to display the total of the four payment types and total of all reserves.



Transaction Section:

Following are the columns coming from Voucher entry screen

Added "Service Date"- Voucher Invoice date from Voucher screen.

Added "payment date" column.

Added "Post Date" column- shows dates for just Posted Batches.

Added a "vendor code" column.

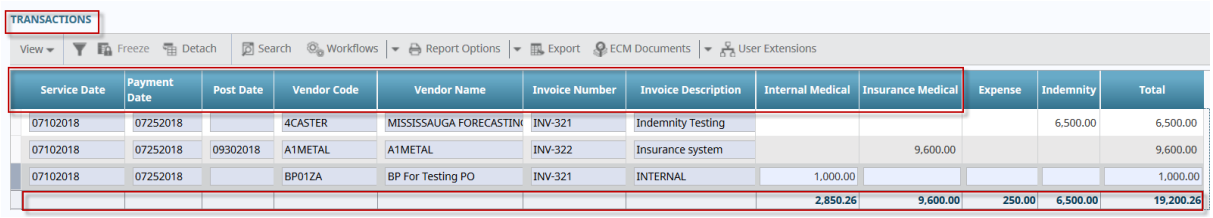
Added a “Invoice number” column.

Added a “Vendor name” column.

Added a “Voucher Description” column.

Added a “Voucher Amount” column for each of the four payment types.

Added a “Subtotal” line to display the total of the four payment types and total of all transactions



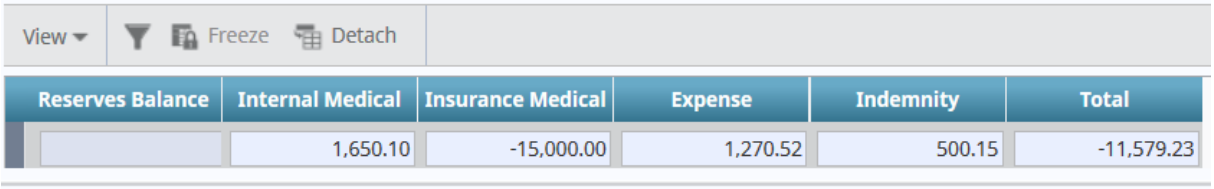
Service Date	Payment Date	Post Date	Vendor Code	Vendor Name	Invoice Number	Invoice Description	Internal Medical	Insurance Medical	Expense	Indemnity	Total
07102018	07252018		4CASTER	MISSISSAUGA FORECASTIN(	INV-321	Indemnity Testing				6,500.00	6,500.00
07102018	07252018	09302018	A1METAL	A1METAL	INV-322	Insurance system		9,600.00			9,600.00
07102018	07252018		BP01ZA	BP For Testing PO	INV-321	INTERNAL	1,000.00				1,000.00
							2,850.26	9,600.00	250.00	6,500.00	19,200.26

NOTE: All data in “TRANSACTIONS” section is coming from Posted/Unposted Vouchers and READ ONLY. Any modification in this block can be done ONLY through Voucher entry IF NOT POSTED.

Remaining Section

Add a ‘remaining reserves “line to display the remaining reserve amounts for the incident

Formula: Remaining Reserve = Subtotal reserves – Subtotal transactions



Reserves Balance	Internal Medical	Insurance Medical	Expense	Indemnity	Total
	1,650.10	-15,000.00	1,270.52	500.15	-11,579.23

Retroactive Payment Process Modifications – BETA Version (17.32338)

NOTE: This is an enhanced program version in ADF UI Runtime. The enhancements for the Fringe Benefit calculations are in programming stages and in development. The program conversion and enhancements are NOT implemented and released as a Beta version in this patch.

CMiC has made the following modifications to Retroactive Payment Processing Program in ADF version. The retro pay program has been modified to calculate fringes retroactively.

A new flag is added on Master Benefit/Deduction setup screen to allow users to select which benefit will be part of retro pay calculation. The existing retro pay calculation program "timesheet detail" page will be modified to display the fringes for an employee for all previous periods selected on the parameter screen with the OLD and NEW calculation, like the timesheet. The user will be able to modify any calculated amount (existing function for pay). Once all data is verified and processed, the retro pay program will push the differential data into the adjustment screen by transaction type and code.

The retro pay calculation is modified to re-calculate all fringe differential within the program based on NEW rates.

NOTE: CMiC will NOT be supporting fringe calculation in retro pay for the benefit/deduction where **BASE CODE** is defined.

Highlights of the modifications:

Data to be selected for Retroactive Payment Calculation is now taken from the Pay History Table.

Benefits and Deductions must be tagged as “Include in PY Retro Pay Calculation”.

Inclusion of OT, DOT, and Other Hours – is an Option.

Inclusion of Salaried Employees Wages (No Timesheet) – is also an Option.

Program Overview:

Based on initial parameter screen the search screen will find all employee wages retroactively to display all past wages for the employee(s). User will be able to select all employee by selecting “checkbox” to include in retroactive pay calculation. Once all employees are selected and “Accepted”, screen will populate positive and negative transaction lines into the main screen, similar to the adjustment screen, however the new retroactive pay screen includes employees pay rate as well. The pay rate will be populated based on the current period. User will be able to change Job/Phase and category in main screen.

Pay Rates

The pay rate will be re-calculated or updated for the new lines created on the retroactive screen. The rate population will be based on employee preference setup on profile and the period effective date where retro pay will be processed. The timesheet data will be considered for other parameter to populate the rates such as “Trade”, “Union” and “Job” etc.

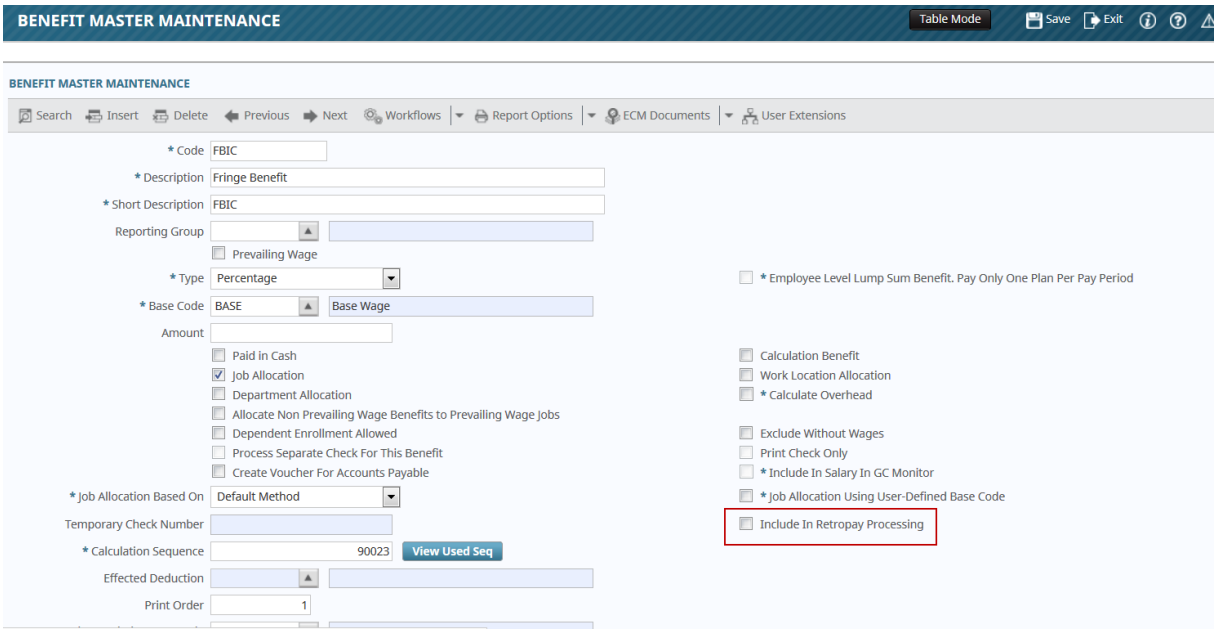
Processing

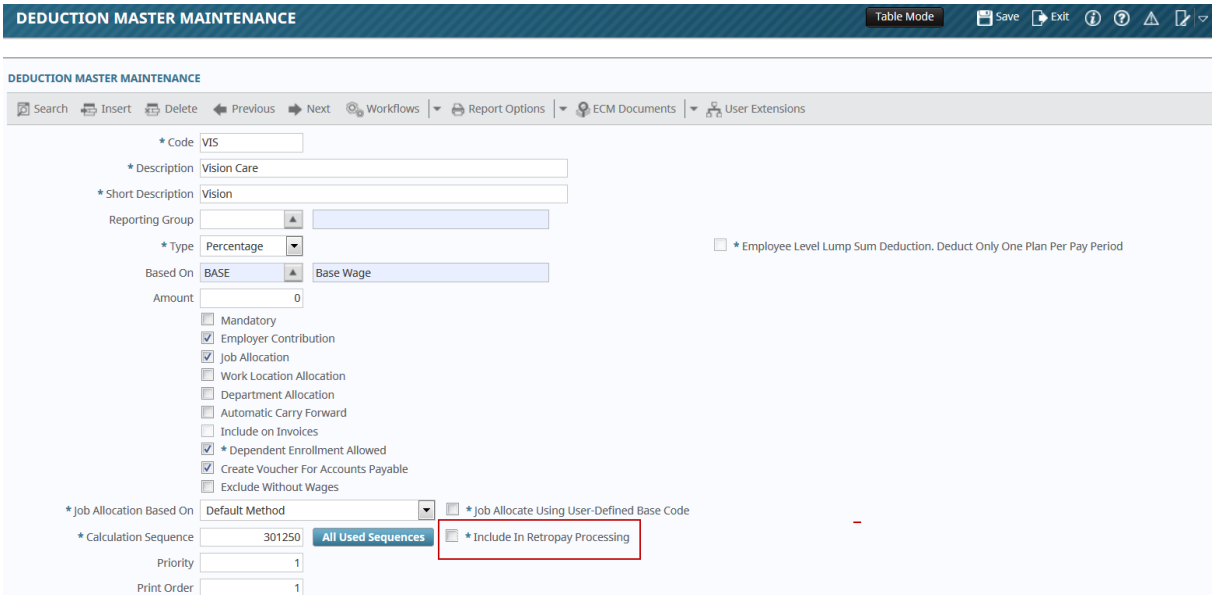
The screen is provided to the users to “Process” retroactive pay. User selects the Company, Pay Run, Year, Document no and current open payroll period, where user would like to process these retroactive payments.

The adjustment data can be reviewed prior to payroll processing by users. The retro wage calculation will be picked up when processing payroll period and system will calculate taxes on wages based on current period.

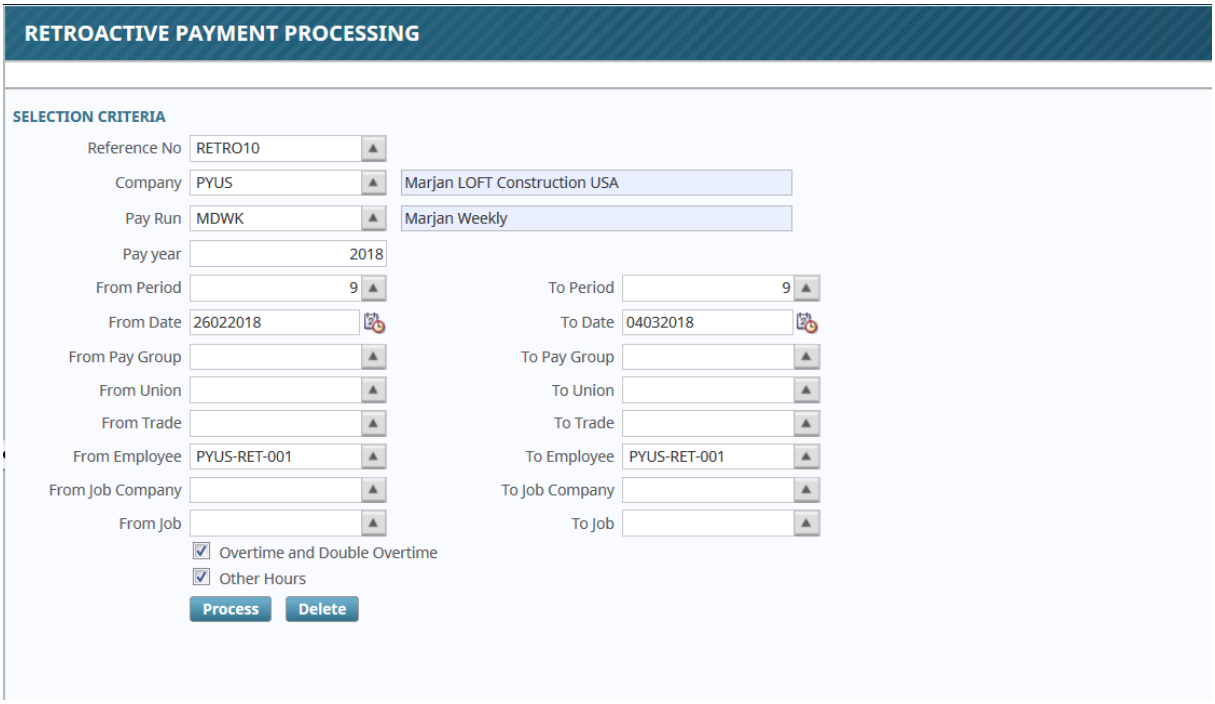
Benefit/Deductions – Include in PY Retro Pay Calc process flag

On the Master Screen, Benefits and Deductions must be tagged as “Include in PY Retro Pay Calculation”.

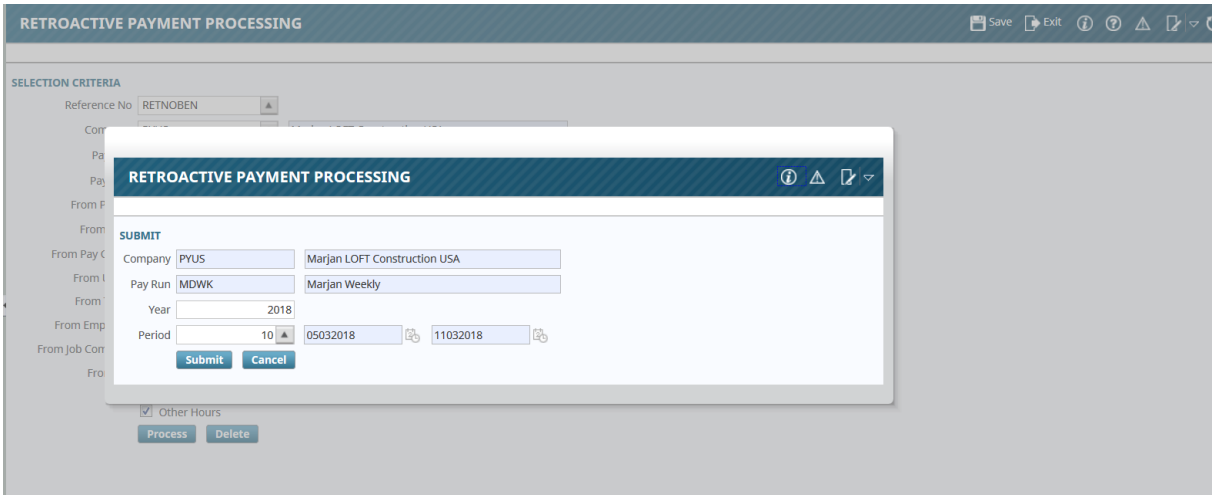

BENEFIT MASTER MAINTENANCE
Table Mode
Save
Exit
BENEFIT MASTER MAINTENANCE
Search
Insert
Delete
Previous
Next
Workflows
Report Options
ECM Documents
User Extensions
* Code
FBIC
* Description
Fringe Benefit
* Short Description
FBIC
Reporting Group
Prevailing Wage
* Type
Percentage
* Base Code
BASE
Base Wage
Amount
Paid in Cash
Job Allocation
Department Allocation
Allocate Non Prevailing Wage Benefits to Prevailing Wage Jobs
Dependent Enrollment Allowed
Process Separate Check For This Benefit
Create Voucher For Accounts Payable
* Job Allocation Based On
Default Method
Temporary Check Number
* Calculation Sequence
90023
View Used Seq
Effected Deduction
Print Order
1
* Employee Level Lump Sum Benefit. Pay Only One Plan Per Pay Period
Calculation Benefit
Work Location Allocation
* Calculate Overhead
Exclude Without Wages
Print Check Only
* Include In Salary In GC Monitor
* Job Allocation Using User-Defined Base Code
Include In Retropay Processing

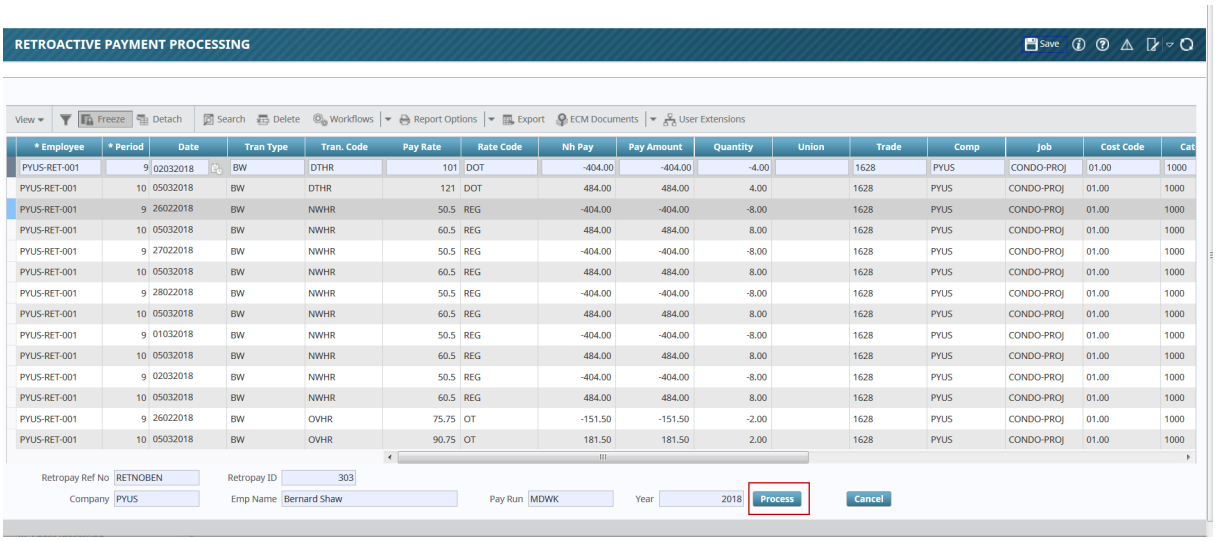

DEDUCTION MASTER MAINTENANCE
Table Mode
Save
Exit
DEDUCTION MASTER MAINTENANCE
Search
Insert
Delete
Previous
Next
Workflows
Report Options
ECM Documents
User Extensions
* Code
VIS
* Description
Vision Care
* Short Description
Vision
Reporting Group
* Type
Percentage
Based On
BASE
Base Wage
Amount
0
Mandatory
Employer Contribution
Job Allocation
Work Location Allocation
Department Allocation
Automatic Carry Forward
Include on Invoices
* Dependent Enrollment Allowed
Create Voucher For Accounts Payable
Exclude Without Wages
* Job Allocation Based On
Default Method
* Calculation Sequence
301250
All Used Sequences
Priority
1
Print Order
1
* Employee Level Lump Sum Deduction. Deduct Only One Plan Per Pay Period
* Job Allocate Using User-Defined Base Code
* Include In Retropay Processing

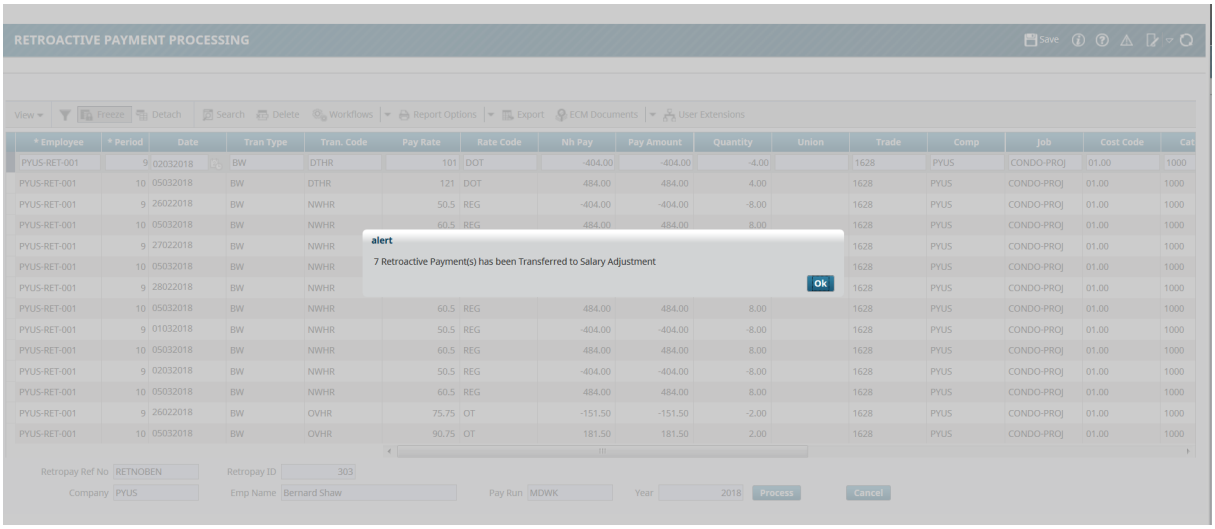
Retroactive Payment Processing – Program Parameter

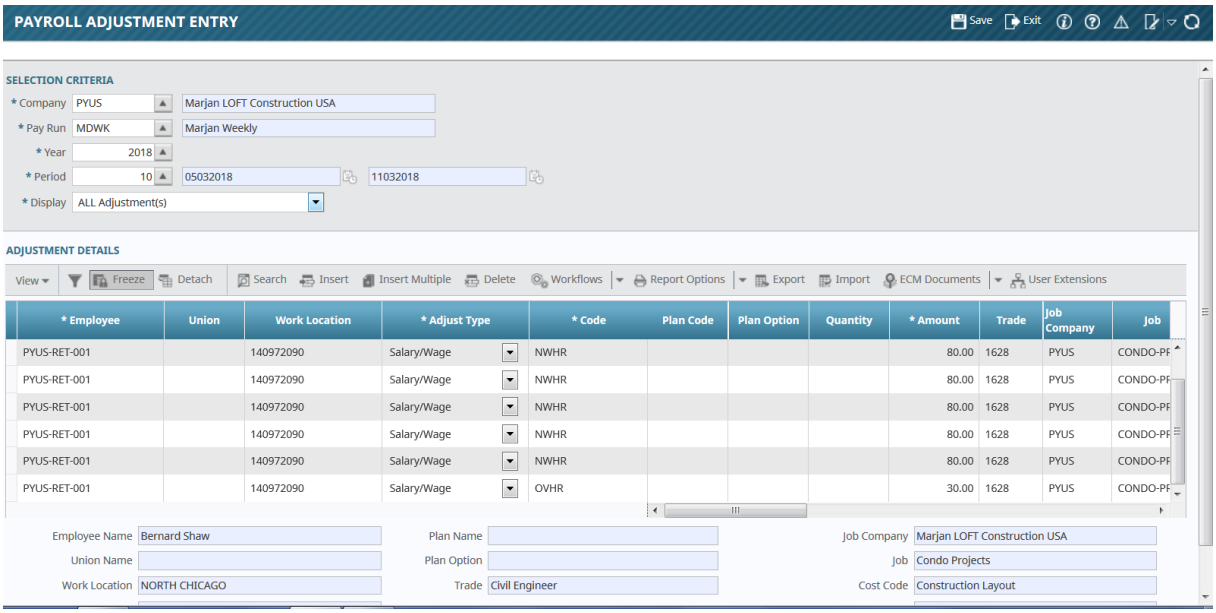


Processed Retropay and submitted for Period




RETROACTIVE PAYMENT PROCESSING
Save
View
Freeze
Detach
Search
Delete
Workflows
Report Options
Export
ECM Documents
User Extensions
* Employee | * Period | Date | Tran Type | Tran. Code | Pay Rate | Rate Code | Nh Pay | Pay Amount | Quantity | Union | Trade | Comp | Job | Cost Code | Cat
PYUS-RET-001 | 9 | 02032018 | BW | DTHR | 101 | DOT | -404.00 | -404.00 | -4.00 | | 1628 | PYUS | CONDO-PROJ | 01.00 | 1000
PYUS-RET-001 | 10 | 05032018 | BW | DTHR | 121 | DOT | 484.00 | 484.00 | 4.00 | | 1628 | PYUS | CONDO-PROJ | 01.00 | 1000
PYUS-RET-001 | 9 | 26022018 | BW | NWHR | 50.5 | REG | -404.00 | -404.00 | -8.00 | | 1628 | PYUS | CONDO-PROJ | 01.00 | 1000
PYUS-RET-001 | 10 | 05032018 | BW | NWHR | 60.5 | REG | 484.00 | 484.00 | 8.00 | | 1628 | PYUS | CONDO-PROJ | 01.00 | 1000
PYUS-RET-001 | 9 | 27022018 | BW | NWHR | 50.5 | REG | -404.00 | -404.00 | -8.00 | | 1628 | PYUS | CONDO-PROJ | 01.00 | 1000
PYUS-RET-001 | 10 | 05032018 | BW | NWHR | 60.5 | REG | 484.00 | 484.00 | 8.00 | | 1628 | PYUS | CONDO-PROJ | 01.00 | 1000
PYUS-RET-001 | 9 | 28022018 | BW | NWHR | 50.5 | REG | -404.00 | -404.00 | -8.00 | | 1628 | PYUS | CONDO-PROJ | 01.00 | 1000
PYUS-RET-001 | 10 | 05032018 | BW | NWHR | 60.5 | REG | 484.00 | 484.00 | 8.00 | | 1628 | PYUS | CONDO-PROJ | 01.00 | 1000
PYUS-RET-001 | 9 | 01032018 | BW | NWHR | 50.5 | REG | -404.00 | -404.00 | -8.00 | | 1628 | PYUS | CONDO-PROJ | 01.00 | 1000
PYUS-RET-001 | 10 | 05032018 | BW | NWHR | 60.5 | REG | 484.00 | 484.00 | 8.00 | | 1628 | PYUS | CONDO-PROJ | 01.00 | 1000
PYUS-RET-001 | 9 | 02032018 | BW | NWHR | 50.5 | REG | -404.00 | -404.00 | -8.00 | | 1628 | PYUS | CONDO-PROJ | 01.00 | 1000
PYUS-RET-001 | 10 | 05032018 | BW | NWHR | 60.5 | REG | 484.00 | 484.00 | 8.00 | | 1628 | PYUS | CONDO-PROJ | 01.00 | 1000
PYUS-RET-001 | 9 | 26022018 | BW | OVHR | 75.75 | OT | -151.50 | -151.50 | -2.00 | | 1628 | PYUS | CONDO-PROJ | 01.00 | 1000
PYUS-RET-001 | 10 | 05032018 | BW | OVHR | 90.75 | OT | 181.50 | 181.50 | 2.00 | | 1628 | PYUS | CONDO-PROJ | 01.00 | 1000
Retropay Ref No RETNOBEN
Retropay ID 303
Company PYUS
Emp Name Bernard Shaw
Pay Run MDWK
Year 2018
Process
Cancel


RETROACTIVE PAYMENT PROCESSING
alert
7 Retroactive Payment(s) has been Transferred to Salary Adjustment
Ok



Salary Adjustment – Vacation Cash Payout Amount (17.42577)

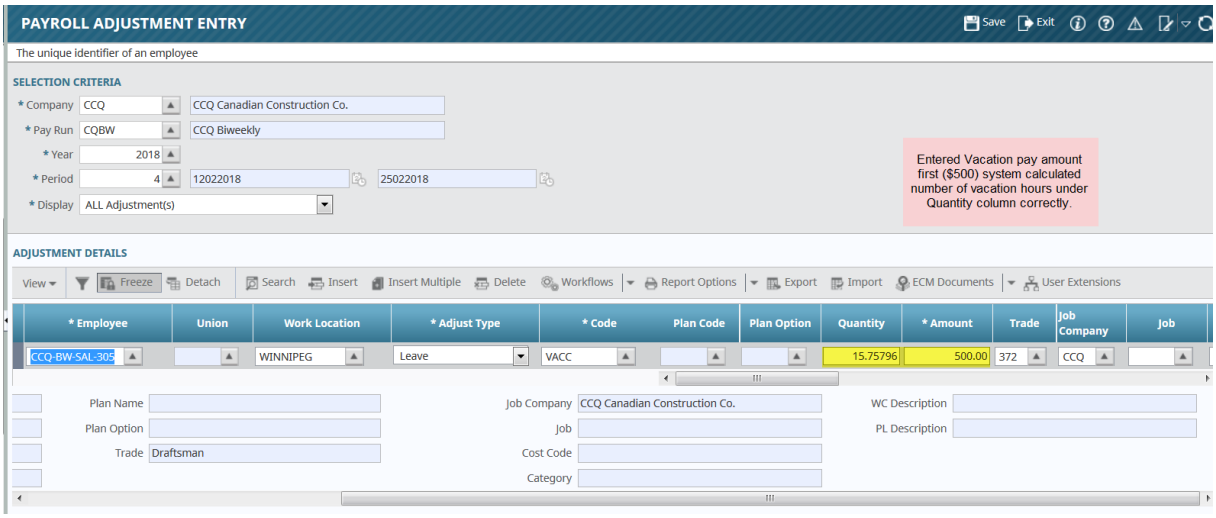
CMiC has modified the adjustment screen and enabled the quantity column to allow users to enter leave hours in quantity and calculate the dollar value within amount column. Especially for Canadian Payroll, it is required to be able to pay out a cash amount and have it equated to number of hours used against the Leave code.

In a scenario where user enters a dollar value in the amount column then, the adjustment screen will re-calculate the total hours. The formula currently exists in processing and will apply the same logic within adjustment screen.

Payroll Adjustment Entry

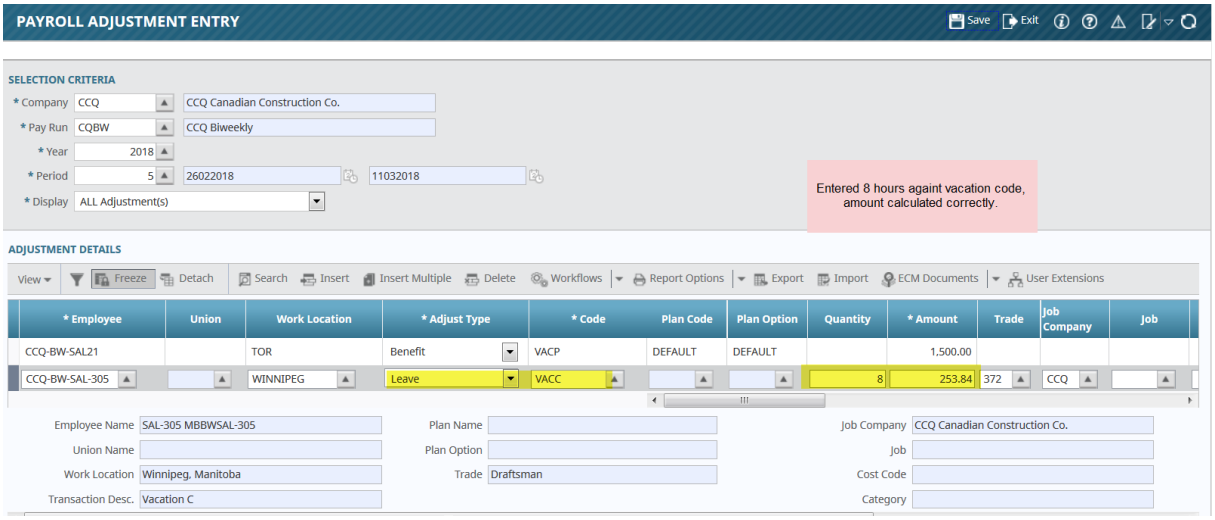
Scenario 1 - Entering the amount against the Adjustment Type ‘Leave’.

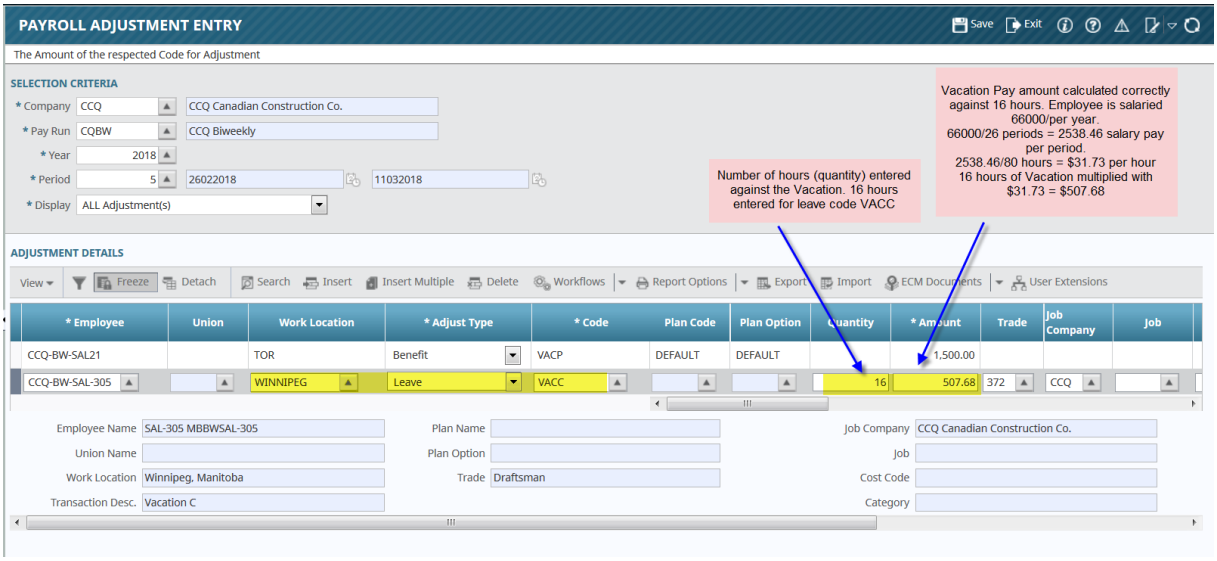
User enters a dollar value in the amount column then, the adjustment screen will re-calculate the total hours.

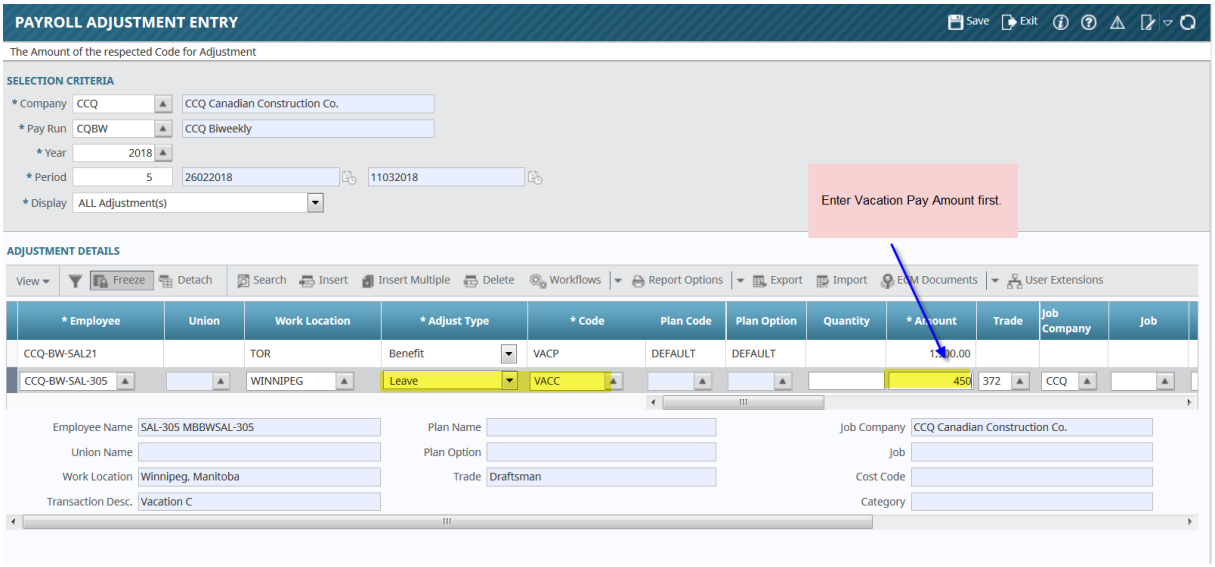


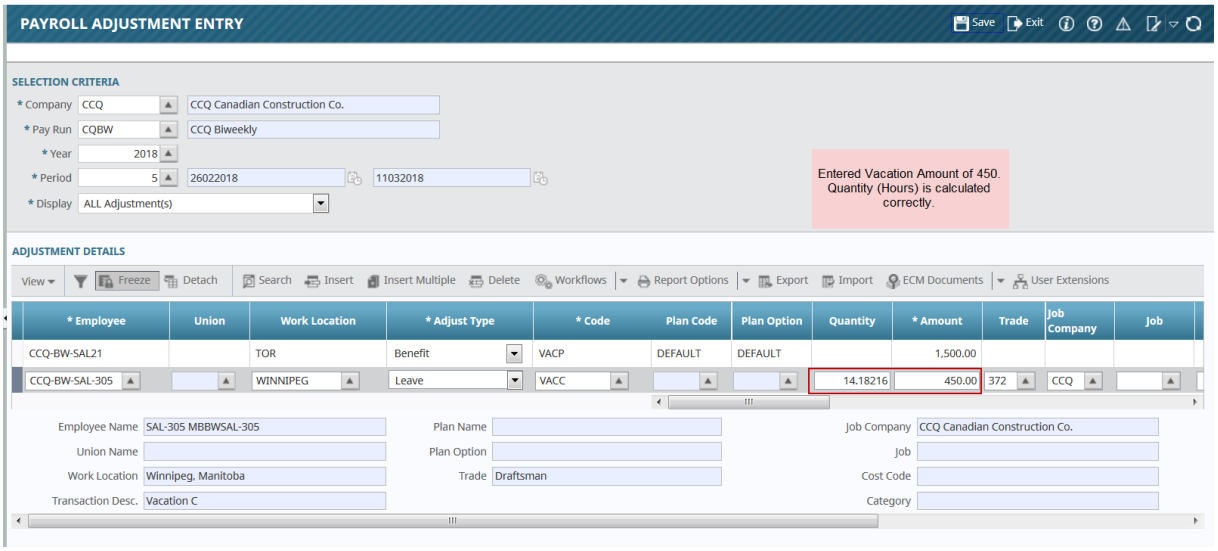
Scenario 2 - Entering the leave hours in the quantity column against the Adjustment Type ‘Leave’

User enter leave hours in quantity and calculate the dollar value within amount column for the amount of hours entered.









Employee Code Masking Program (17.47012)

CMiC has made the following modifications to the existing Employee Auto Numbering functionality. The new enhancement will prefix the company code with the next employee number.

1. System options screen is modified to add a new option/flag as ‘Prefix Company Code when Auto Numbering’. This flag is optional and will **only** be available when ‘Payroll/HR Auto Numbering’ flag is set to CHECKED. In case user unchecks the ‘Payroll/HR Auto Numbering’ flag then this new flag will also be set as unchecked.

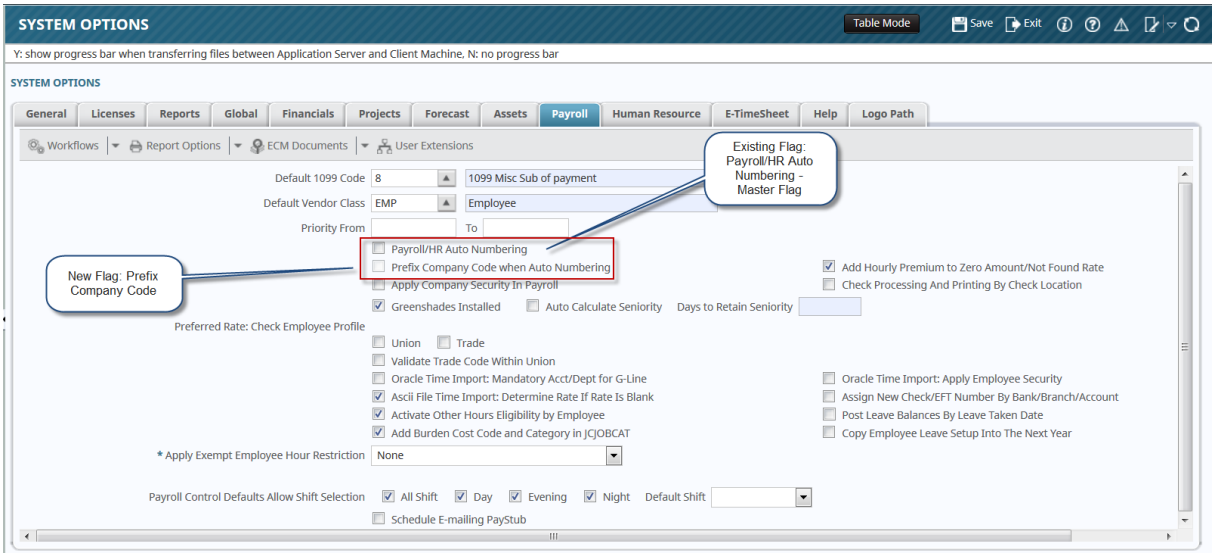
2. Existing Auto numbering (dbf_new_empapp_no) function will be modified to add Company parameter and to return the next number with concatenation of the company code if the above new flag is checked. This function will locate if there is already some record /employee number found with company + employee number, in this case function will return company + new number, if no existing data found then this function will return company + 00000001.

3. Employee Profile program is modified to pass the PAYROLL company of the user to the above function upon creating a New record and will set the New Employee Number with the value returned by the function. Auto Numbering prefix will take the payroll company code for prefix.

Please note that currently employee number length is 16 characters whereas company code has a max length of 8 characters. The new functionality new auto employee number can go up to 8 characters after company code (8 characters for company and 8 characters for employee number)

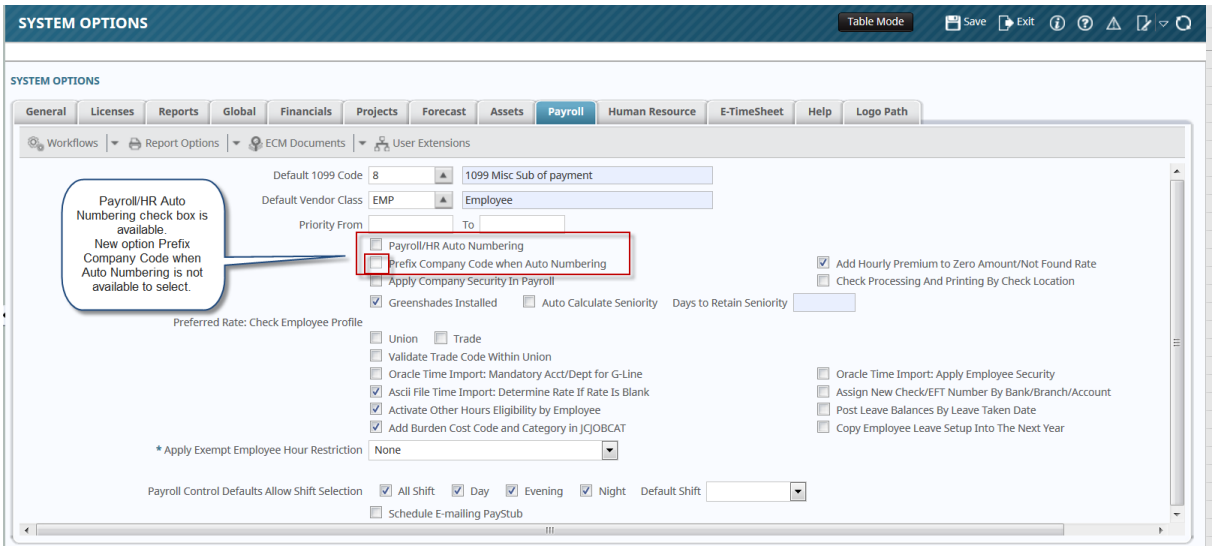
System Options – New Flag

System options screen is modified to add a new option/flag as '**Prefix Company Code when Auto Numbering**'. This flag is optional and will **only** be available when 'Payroll/HR Auto Numbering' flag is set to CHECKED. In case user unchecks the 'Payroll/HR Auto Numbering' flag then this new flag will also be set as unchecked.

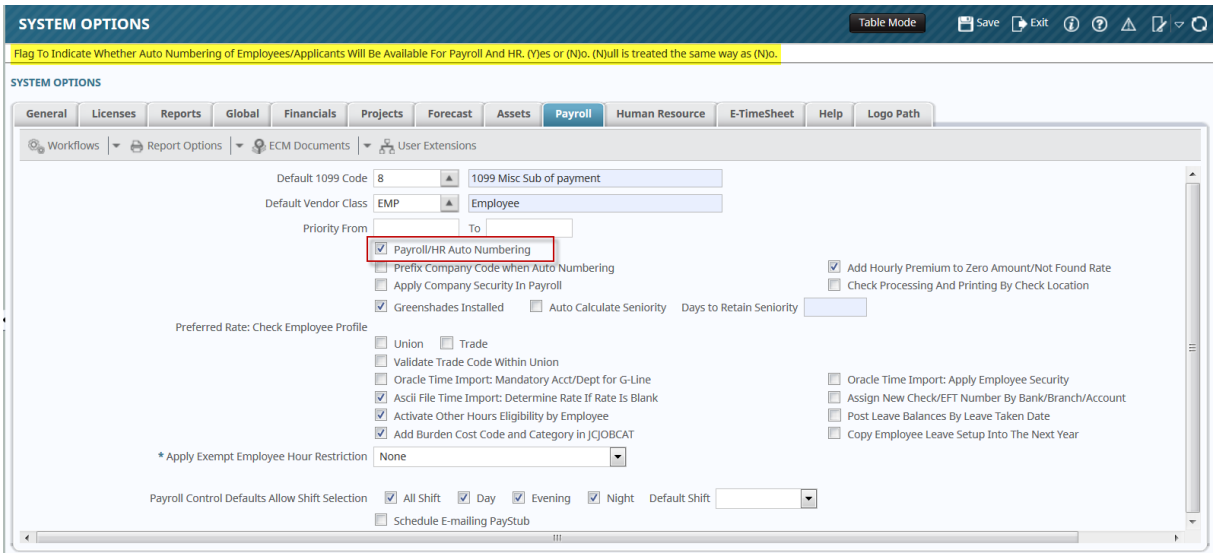


Existing Flag - Payroll/HR Auto Numbering (Master Flag)

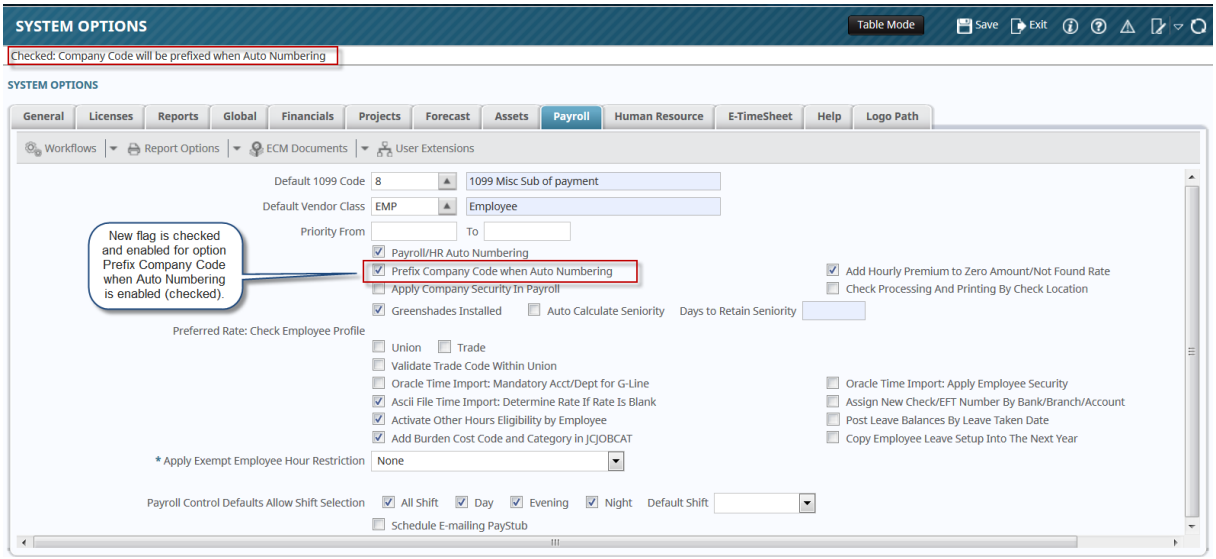
New Flag - Prefix Company Code when Auto Numbering



Payroll/HR Auto Numbering – Master Flag Checked (enabled)

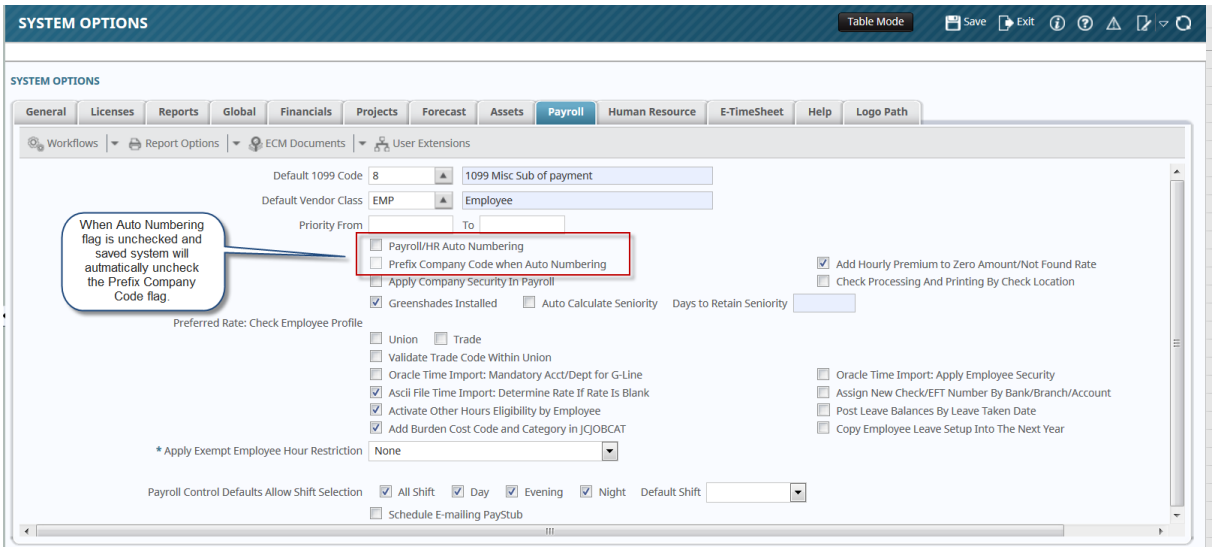


New flag ‘Prefix Company Code when Auto Numbering’. This flag is optional and will ONLY be available when ‘Payroll/HR Auto Numbering’ flag will be set as CHECKED.

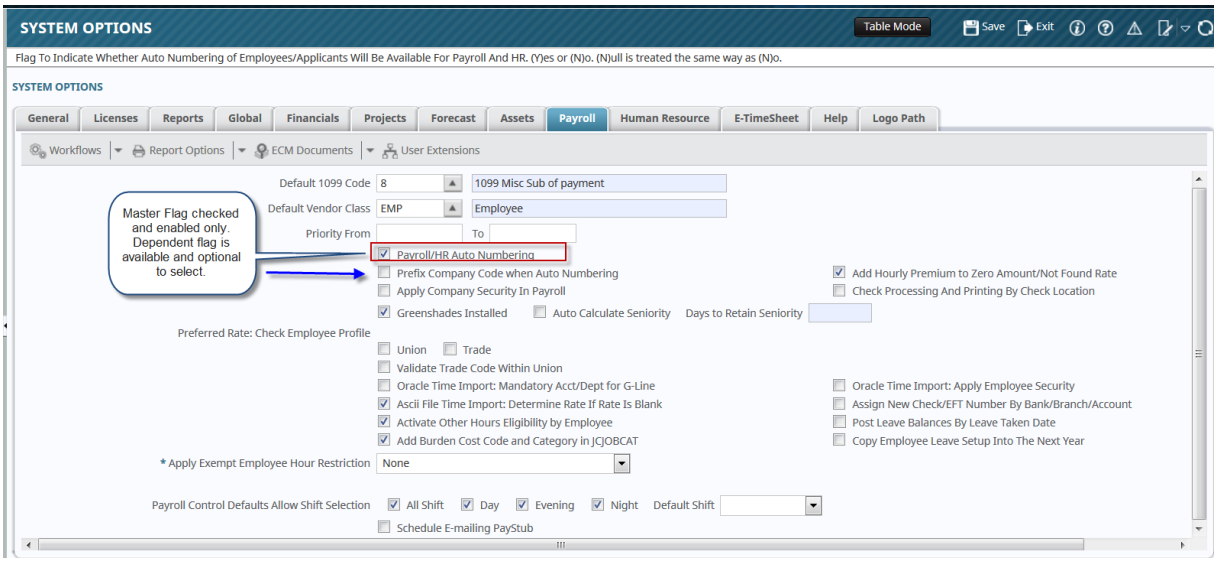


When user unchecks ‘Payroll/HR Auto Numbering’ flag then this new flag will also be set as unchecked.

If the master flag is unchecked, then the dependent flag for Prefix Company Code when Auto Numbering will also get automatically un-checked.

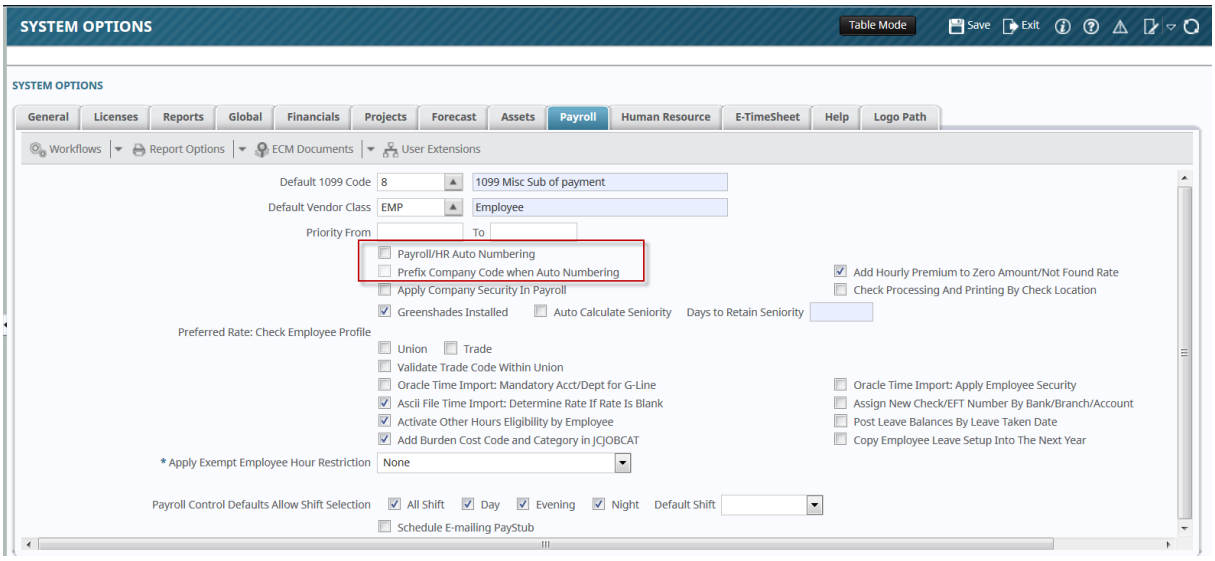


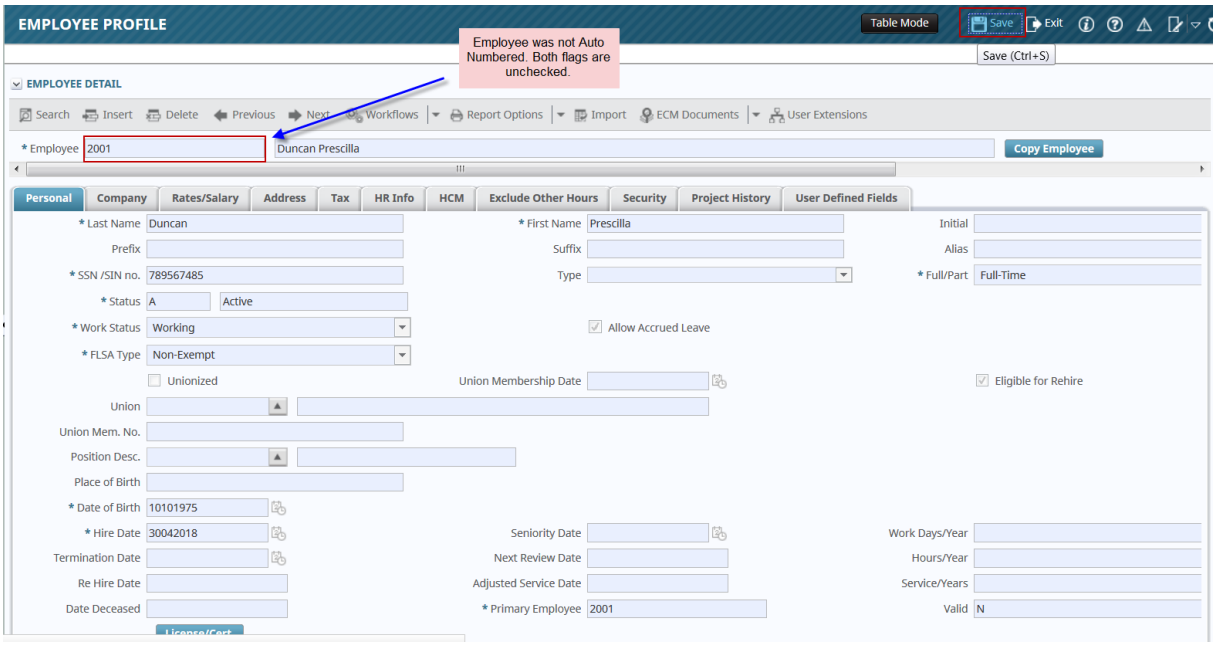
If user wants to only check the master flag, then system will not change the dependent status of 'Prefix Company Code when Auto Numbering' to Checked or Unchecked automatically. This means the User can still Check the Master flag only without the new option for company prefix.



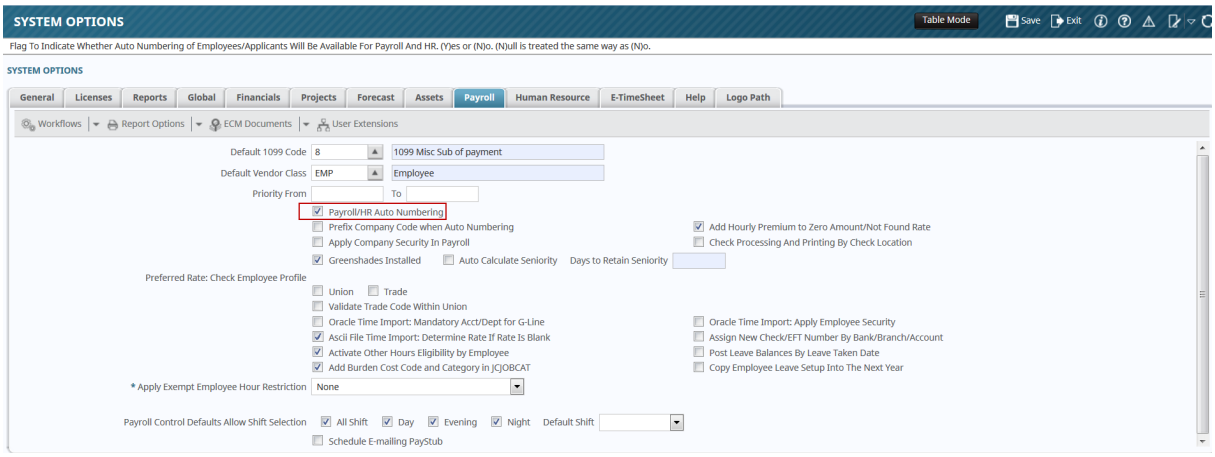
Functionality Implementation

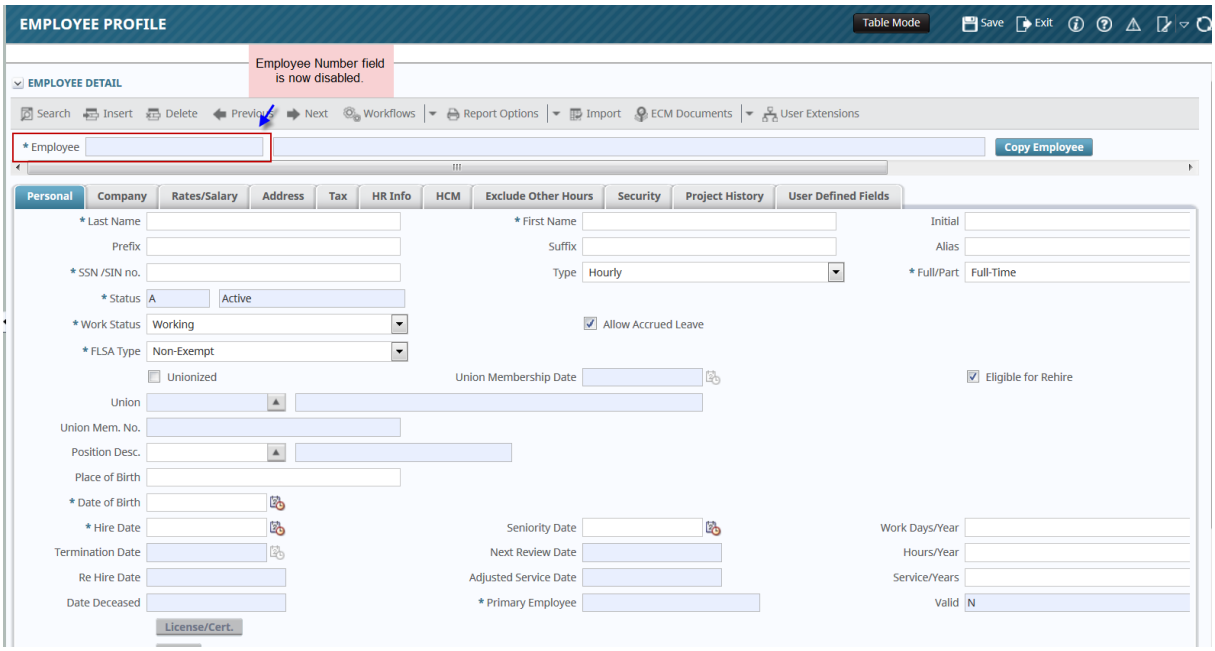
When none of the flags are checked: System will process and apply any auto-numbering when creating an employee.



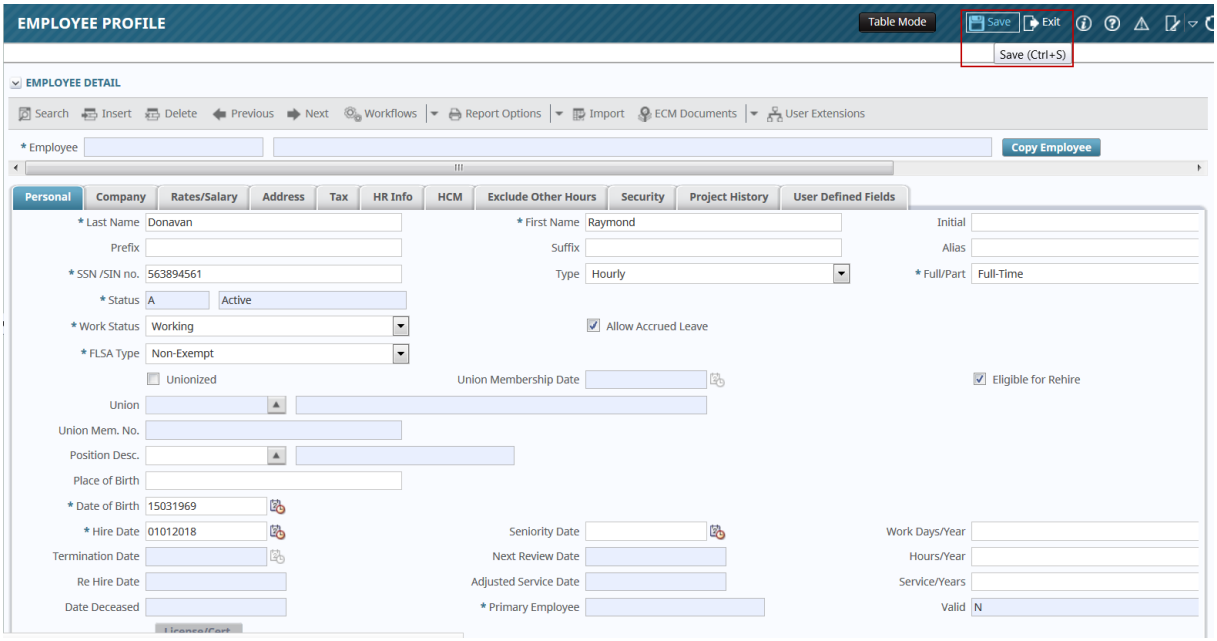


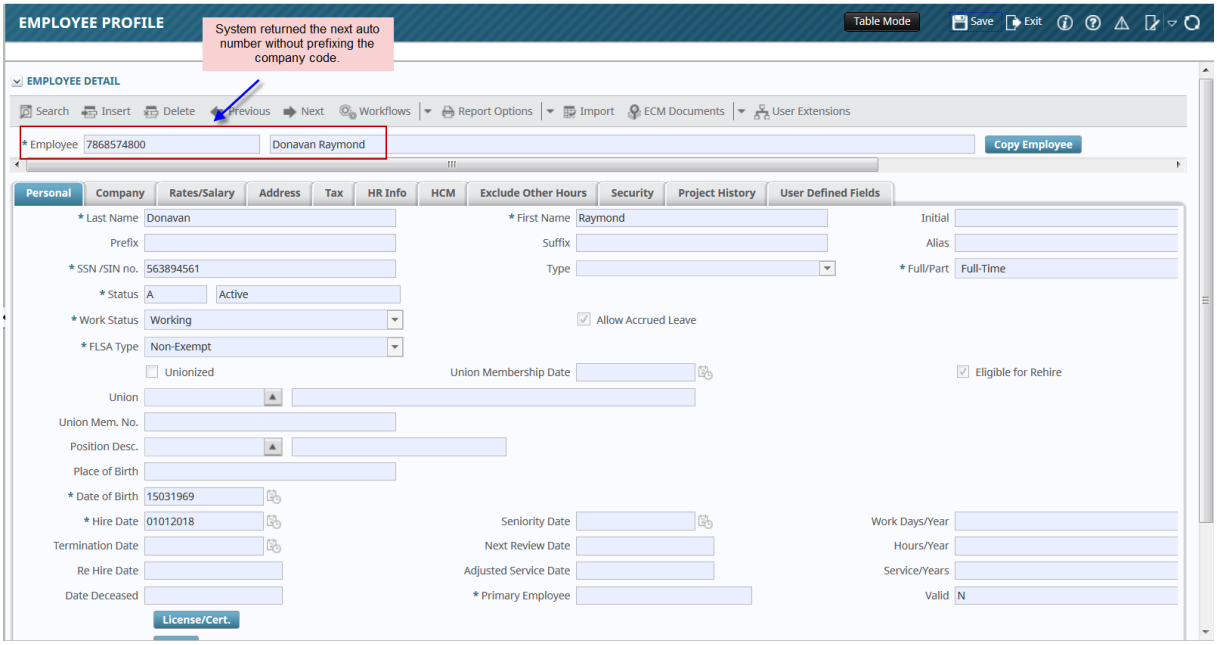
When only the Master flag is checked: System will only return the next auto number, without prefixing the Payroll Company Code.



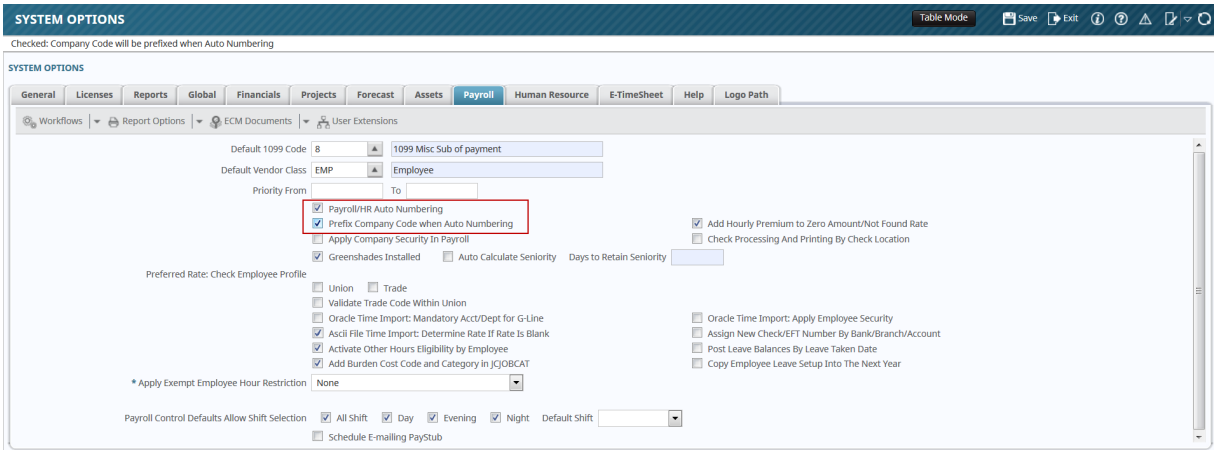


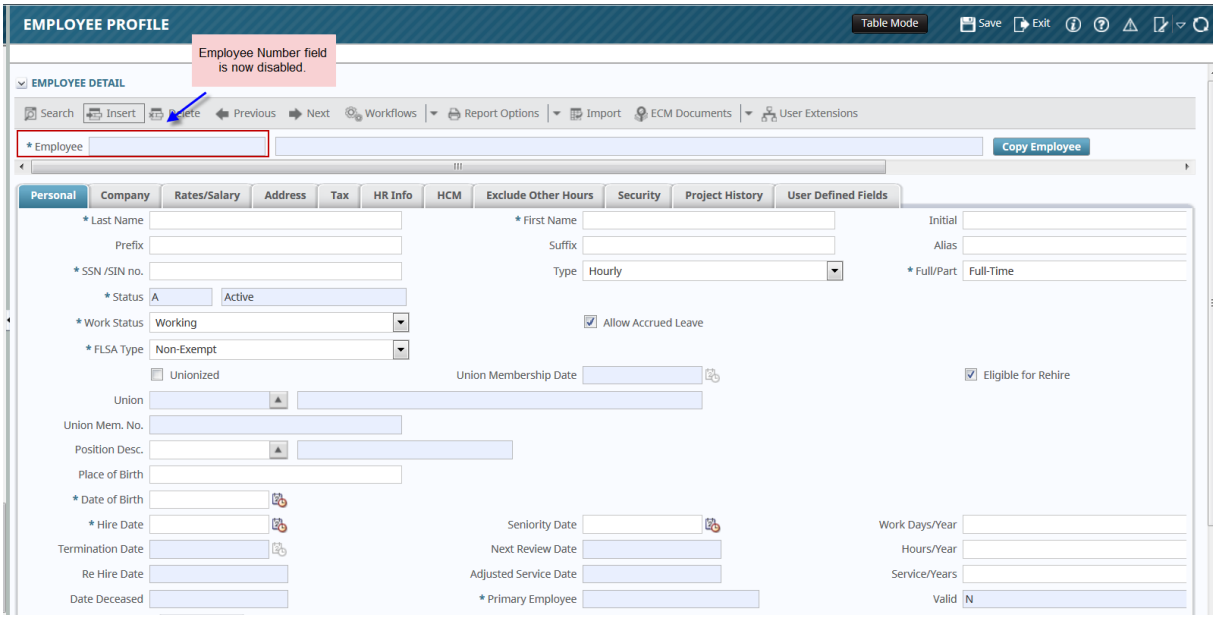
Created employee and saved.



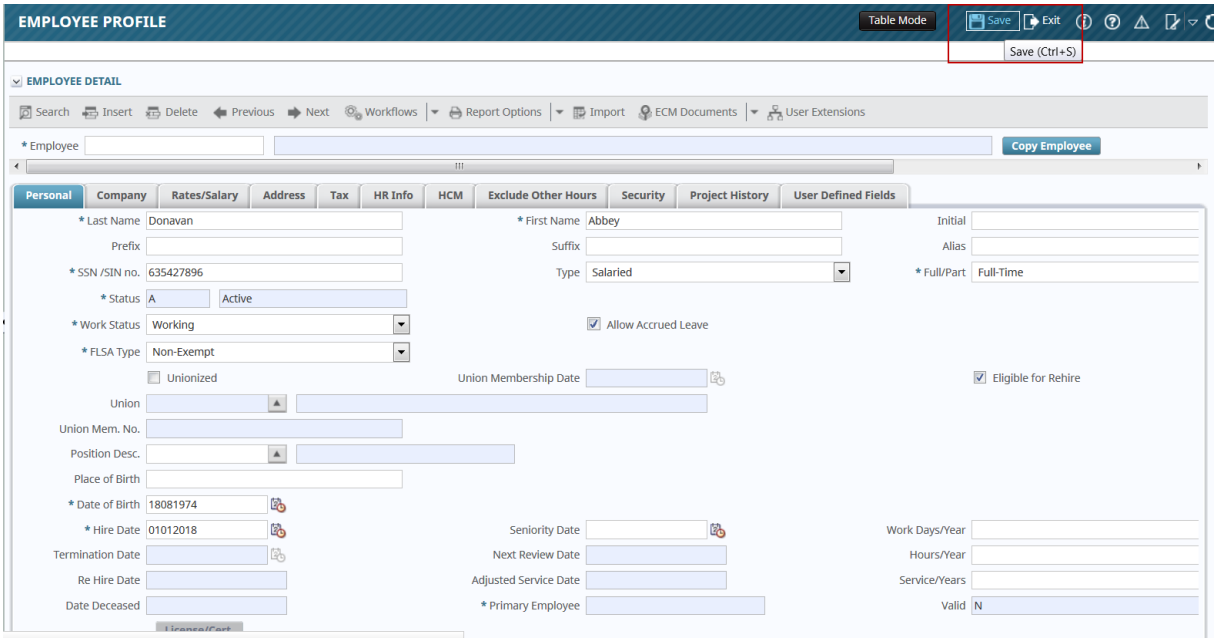


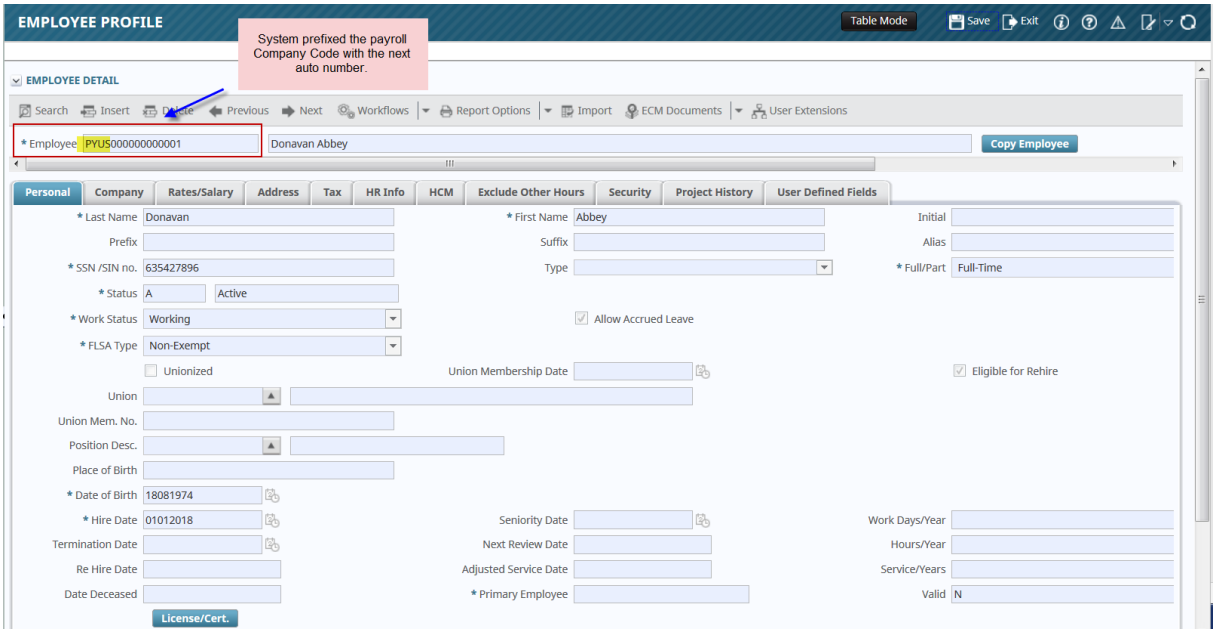
When both flags are checked: System will Prefix the Company Code with the next auto number.

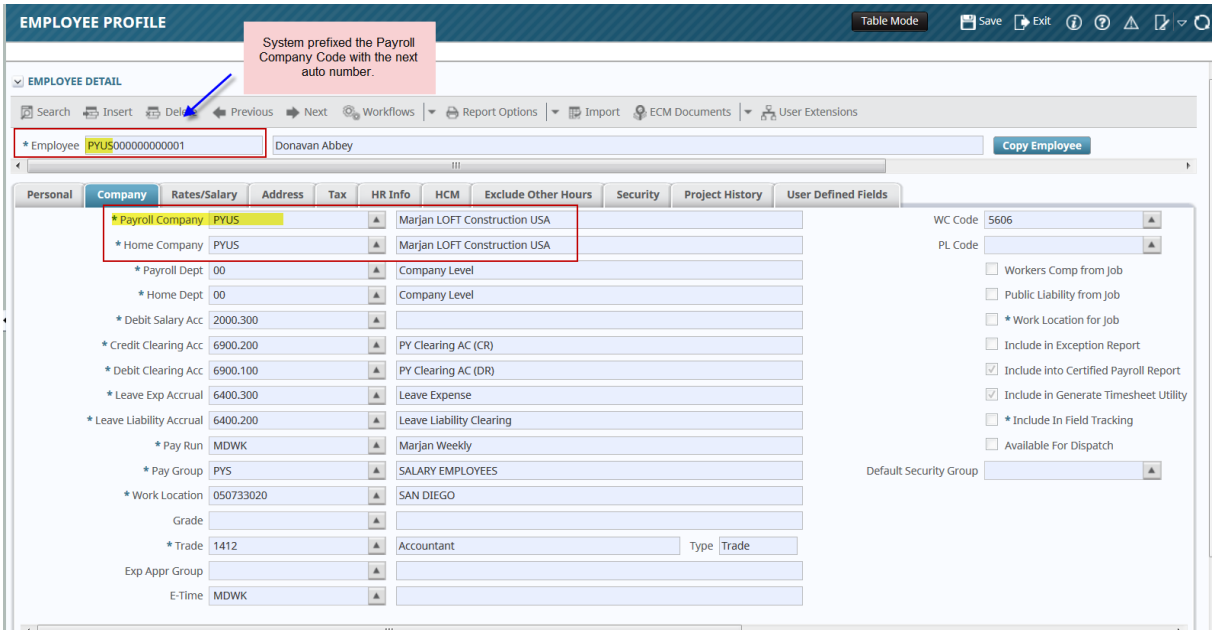




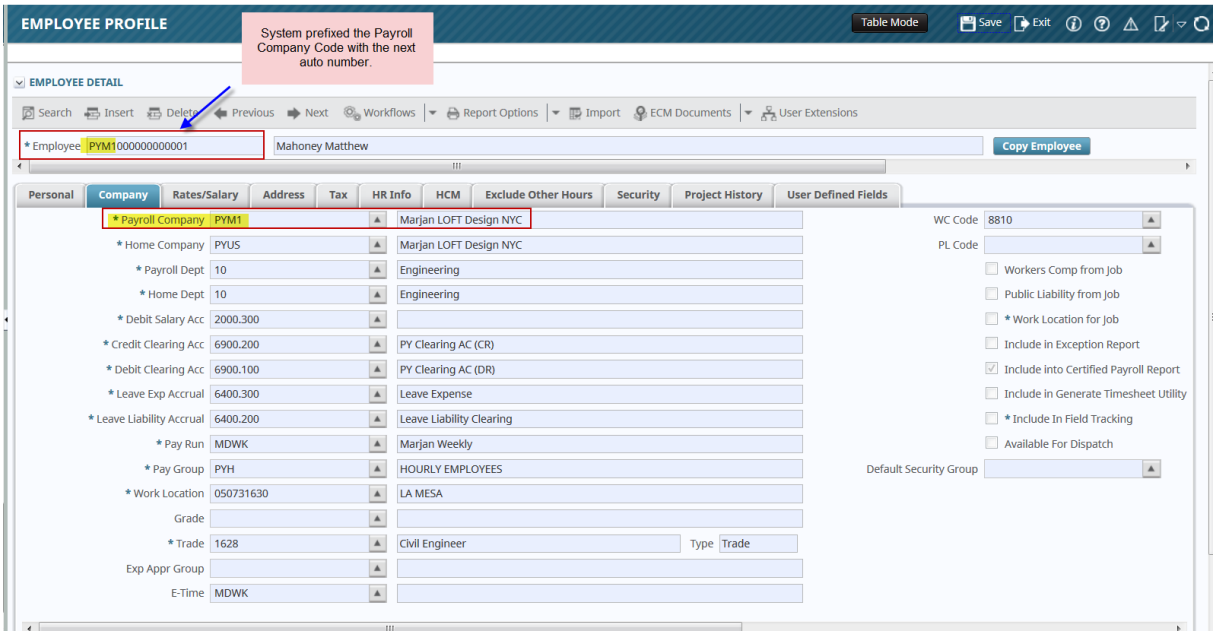
Created and saved employee record.


EMPLOYEE PROFILE
Table Mode
Save
Exit
Save (Ctrl+S)
EMPLOYEE DETAIL
Search
Insert
Delete
Previous
Next
Workflows
Report Options
Import
ECM Documents
User Extensions
* Employee
Copy Employee
Personal
Company
Rates/Salary
Address
Tax
HR Info
HCM
Exclude Other Hours
Security
Project History
User Defined Fields
* Last Name
Donavan
* First Name
Abbey
Initial
Prefix
Suffix
Alias
* SSN /SIN no.
635427896
Type
Salaried
* Full/Part
Full-Time
* Status
A
Active
* Work Status
Working
Allow Accrued Leave
* FLSA Type
Non-Exempt
Unionized
Union Membership Date
Eligible for Rehire
Union
Union Mem. No.
Position Desc.
Place of Birth
* Date of Birth
18081974
* Hire Date
01012018
Seniority Date
Work Days/Year
Termination Date
Next Review Date
Hours/Year
Re Hire Date
Adjusted Service Date
Service/Years
Date Deceased
* Primary Employee
Valid
N

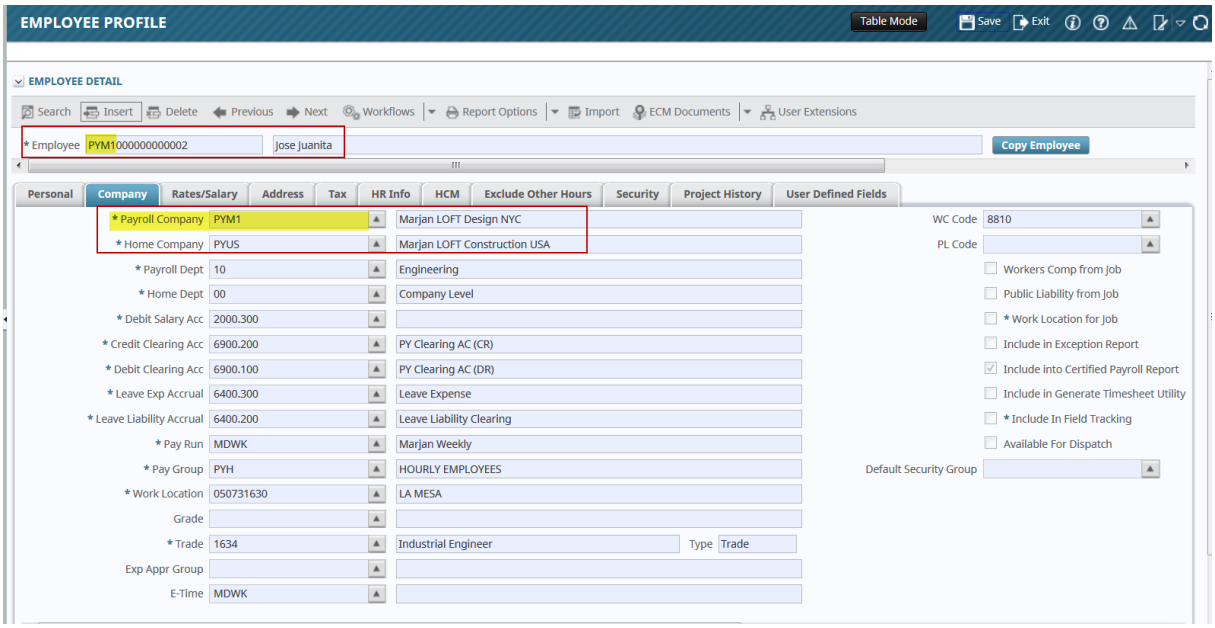

EMPLOYEE PROFILE
System prefixed the payroll Company Code with the next auto number.
Table Mode
Save
Exit
EMPLOYEE DETAIL
Search
Insert
Delete
Previous
Next
Workflows
Report Options
Import
ECM Documents
User Extensions
* Employee
PYUS000000000001
Donavan Abbey
Copy Employee
Personal
Company
Rates/Salary
Address
Tax
HR Info
HCM
Exclude Other Hours
Security
Project History
User Defined Fields
* Last Name
Donavan
* First Name
Abbey
Initial
Prefix
Suffix
Alias
* SSN /SIN no.
635427896
Type
* Full/Part
Full-Time
* Status
A
Active
* Work Status
Working
Allow Accrued Leave
* FLSA Type
Non-Exempt
Unionized
Union Membership Date
Eligible for Rehire
Union
Union Mem. No.
Position Desc.
Place of Birth
* Date of Birth
18081974
* Hire Date
01012018
Seniority Date
Work Days/Year
Termination Date
Next Review Date
Hours/Year
Re Hire Date
Adjusted Service Date
Service/Years
Date Deceased
* Primary Employee
Valid
N
License/Cert.



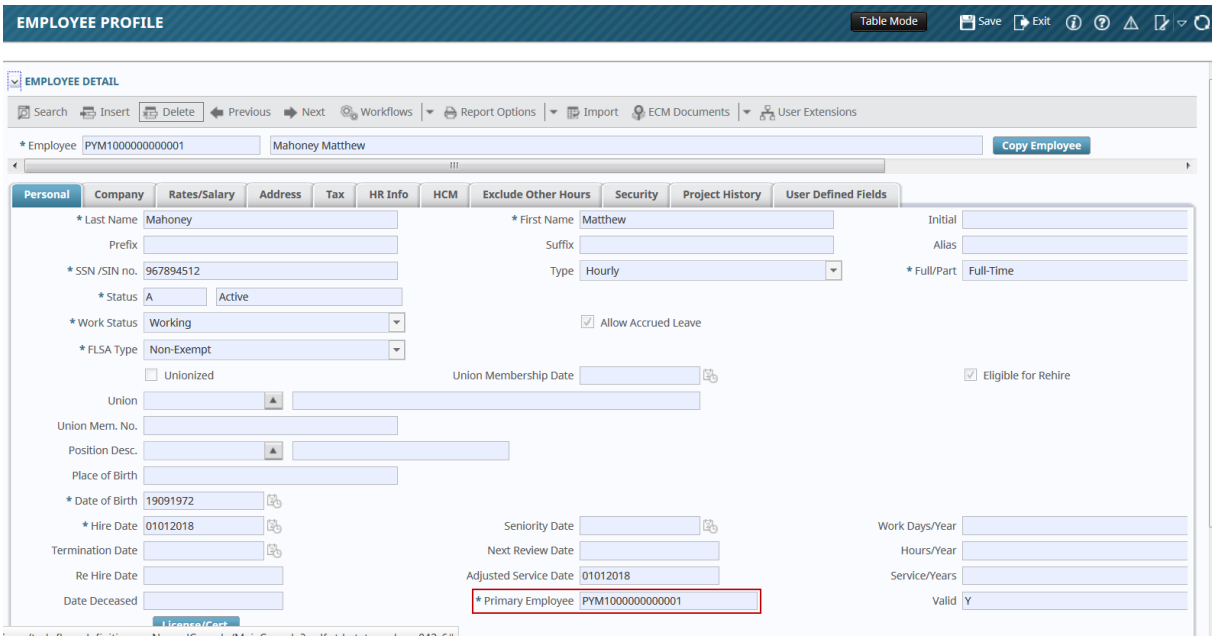
Payroll company code different to Home Company Code. Auto Numbering prefix will take the payroll company code for prefix.



Next Auto Numbered Employee against Payroll Company Code PYM1.



Employee Primary Number is also populated as per the auto Prefix generated employee number

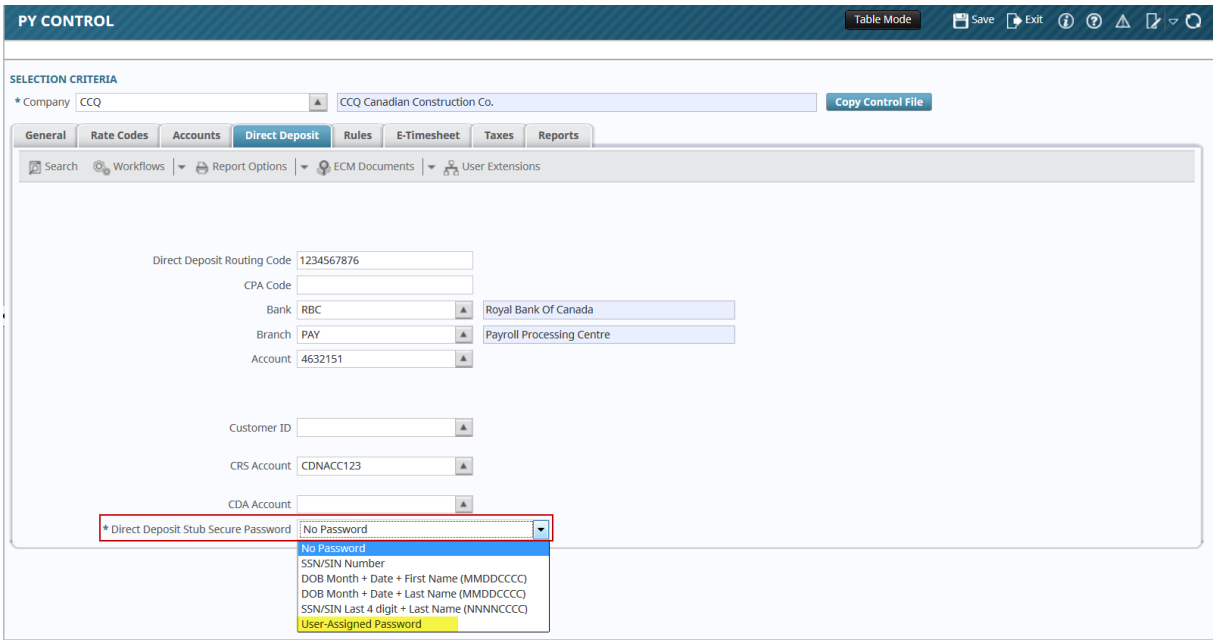


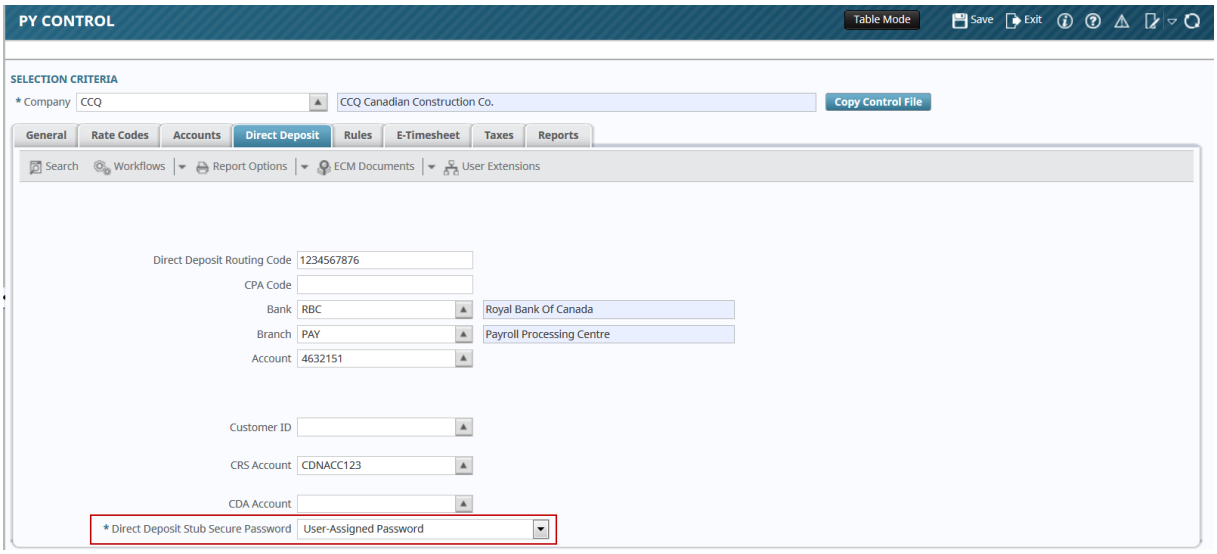
User Assigned - DDS Email Security Password (17.47218)

CMiC has added a new option in the drop-down field of the Direct Deposit Stub Secure Password in PY Company Control under Direct Deposit Tab, named, 'User Assigned Password. This new option will enable a field ‘Paystub Password’ in the employee profile under HR tab to allow users to enter user defined password. The new field will not be added to the employment history screen.

PY Company Control

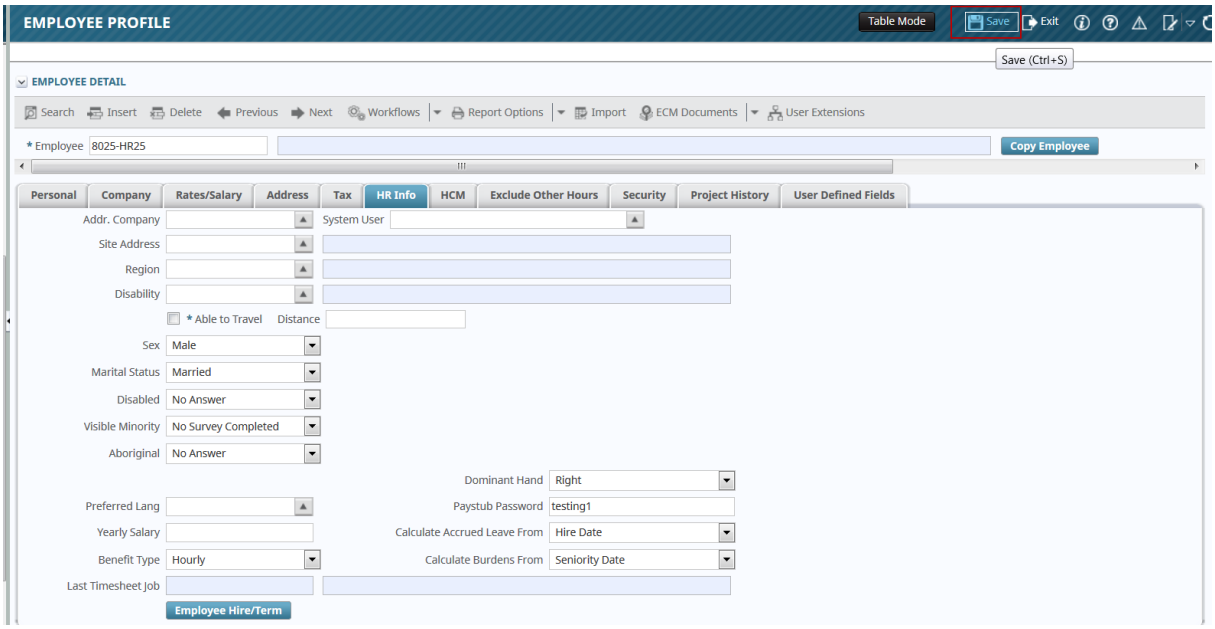
New option in the drop-down menu of Direct Deposit Stub Secure Password.

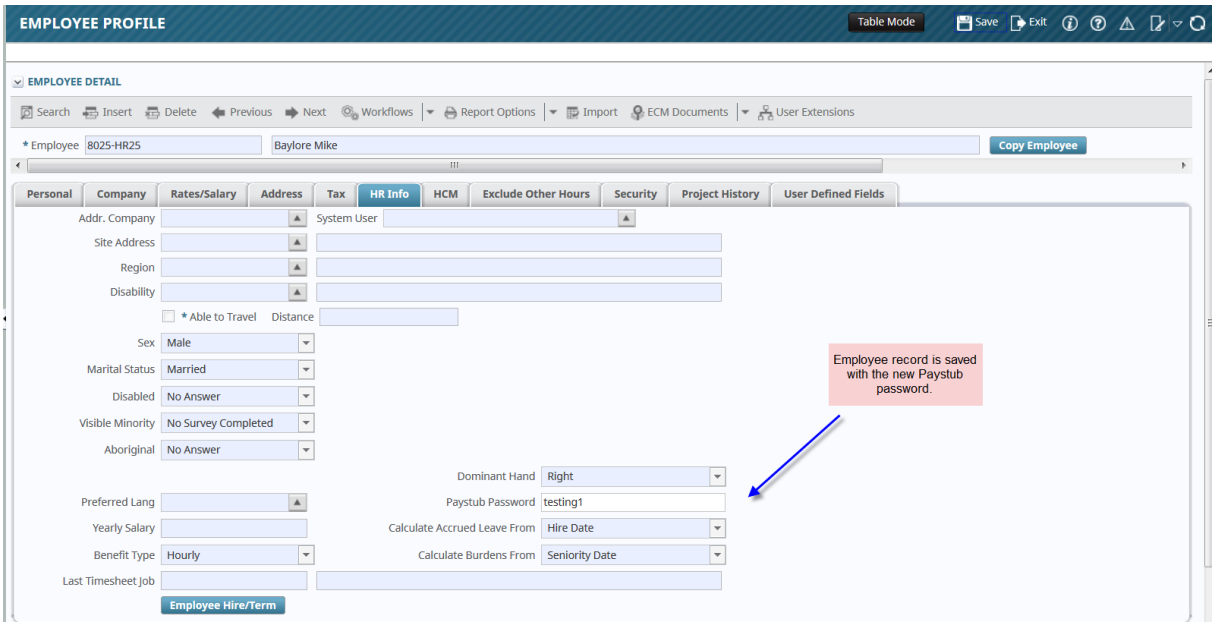




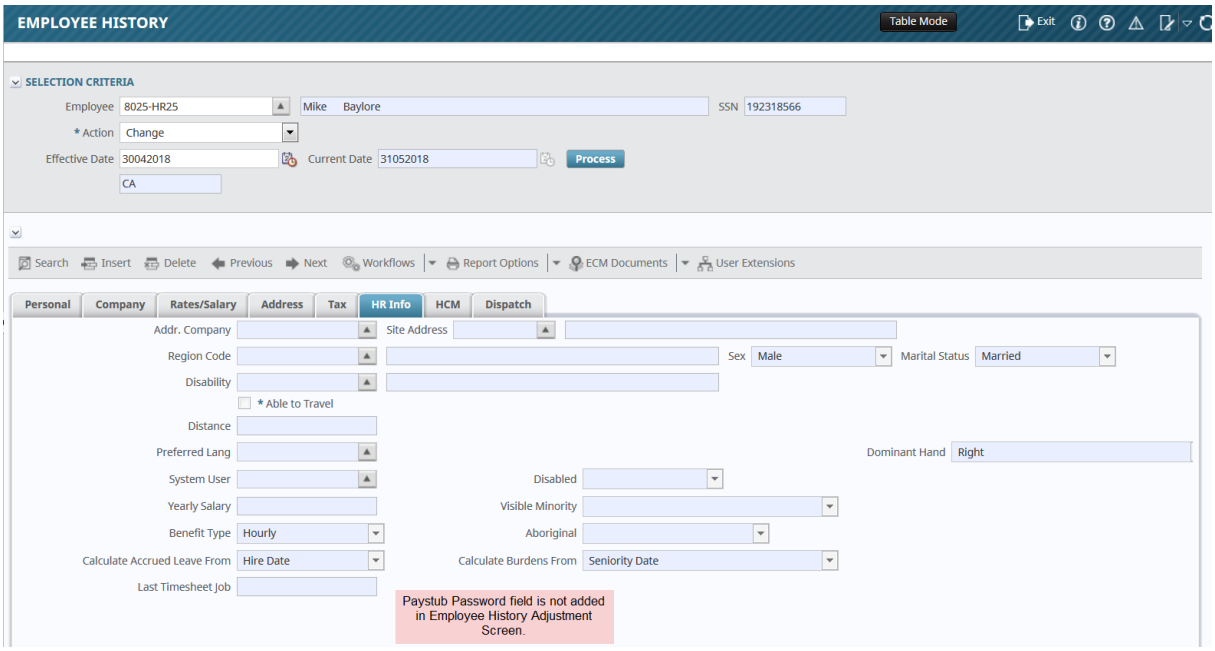
Employee Profile – Paystub Password Field

A new field ‘Paystub Password’ is added to the employee profile under the HR Tab. Once the option on the Company Control is selected as User Assigned Password, the Paystub Password on the employee profile is enabled to specify a user assigned password.



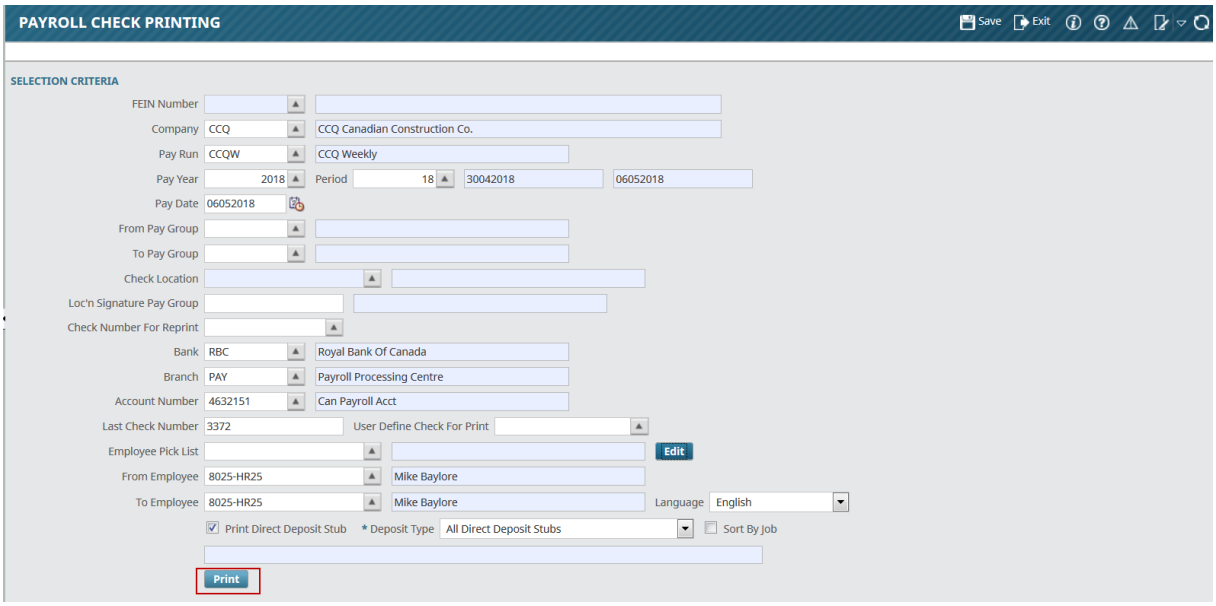


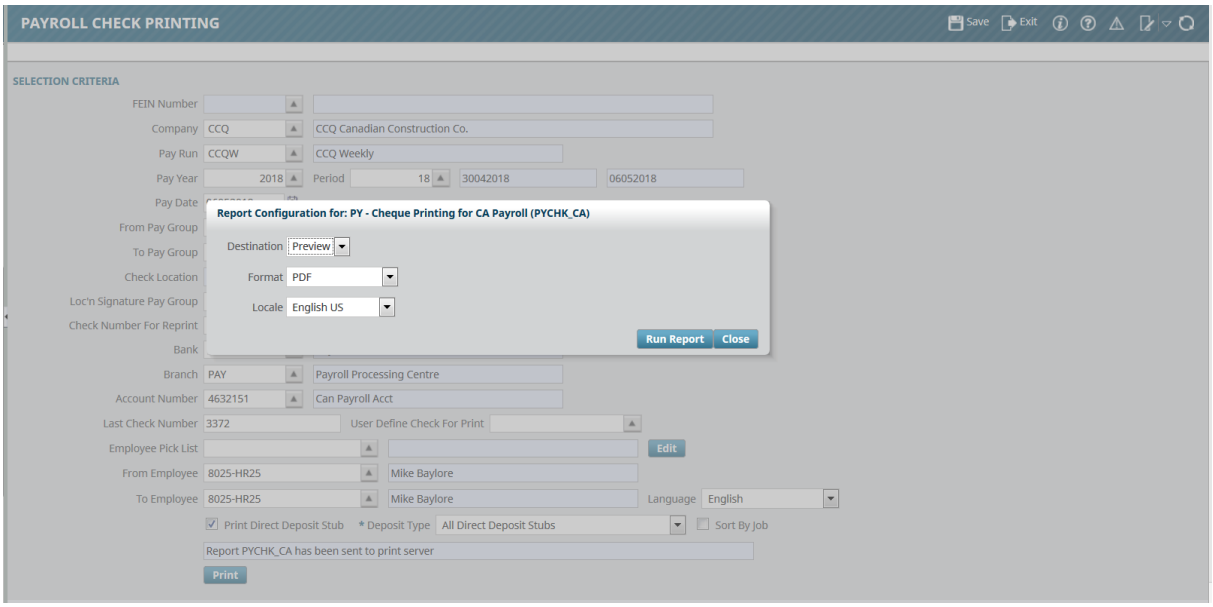
NOTE: The field ‘Paystub Password’ is not added to the Employee History screen.



Payroll Check Printing

Print Direct Deposit – Deposit Type Option in this example is ‘All Direct Deposit Stubs’





User can select to Preview Only and/or select to Process the paystub.

Company CCQ Canadian Construction Co. **Pay Period** 30042018 **To** 06052018

Employee Mike Baylore

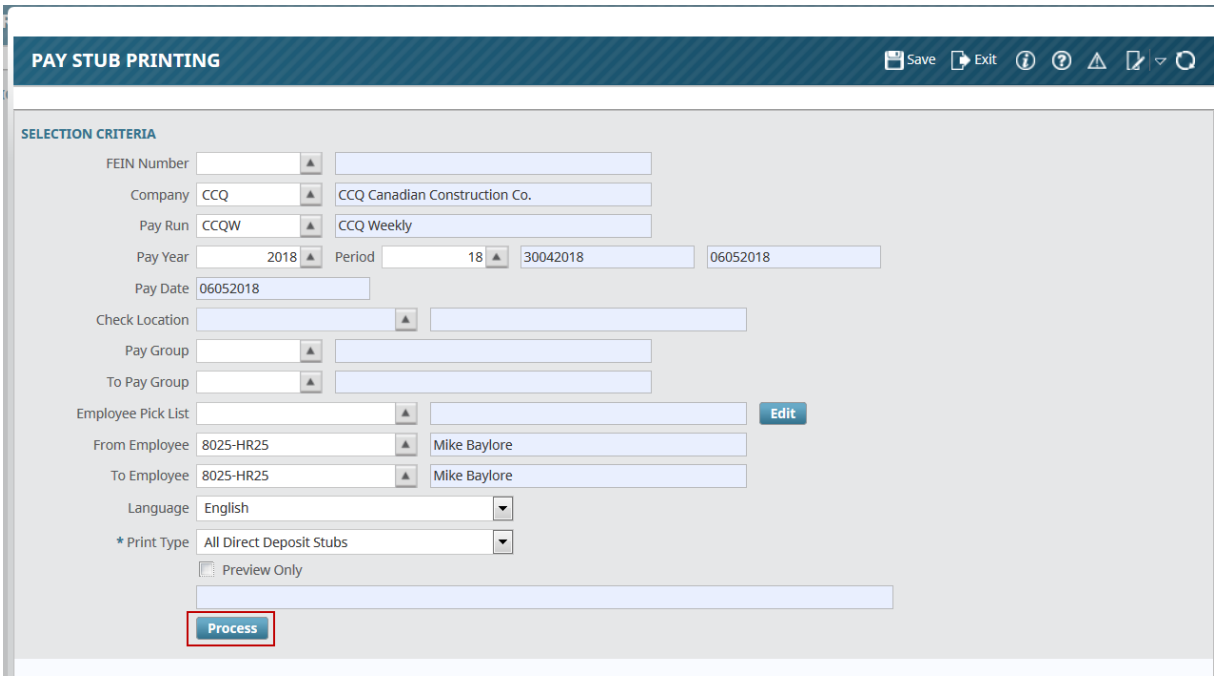
ON M2N1H1

Pastub Preview Only

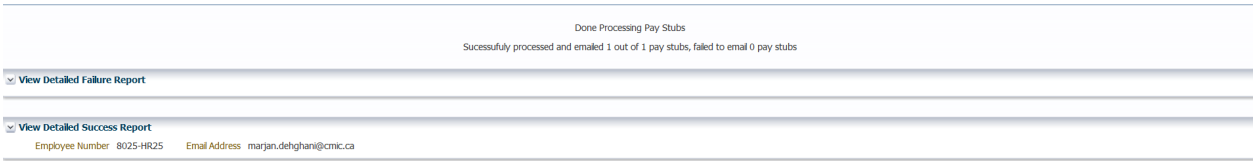
Employee Number 8025-HR25

Trans	Pay Amount	Adjustments	Description	YTD Pay	YTD Adj	YTD Total
NWHR	1,520.00	0.00	Normal Hour *TOR*	1,520.00	0.00	1,520.00
CAR	75.00	0.00	Car Allowance	75.00	0.00	75.00
DED	-230.22	0.00	Deductions **ALL*	-230.22	0.00	-230.22
PWHT	-92.33	0.00	Provincial Witholding Tax **	-92.33	0.00	-92.33
CPP1	-75.62	0.00	CPP Premium EMPLY *ALL*	-75.62	0.00	-75.62
EEHT	-14.42	0.00	Employee Health Tax **	-14.42	0.00	-14.42
EI1	-26.48	0.00	Employement Insurance EMPLY *A	-26.48	0.00	-26.48
DPST	1,155.93	0.00	Direct Deposit			
	1,155.93	0.00	Net Pay	1,155.93	0.00	1,155.93
	1,595.00	0.00	Taxable Gross	1,595.00	0.00	1,595.00

Direct Deposit **Paycheck Record**



Selected Process option will process the paystub and send email.



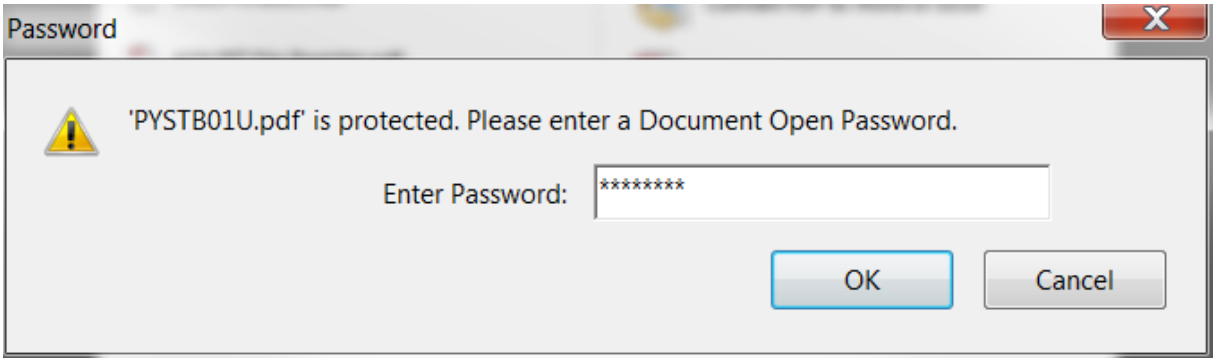
Received email with the Paystub PDF attachment.

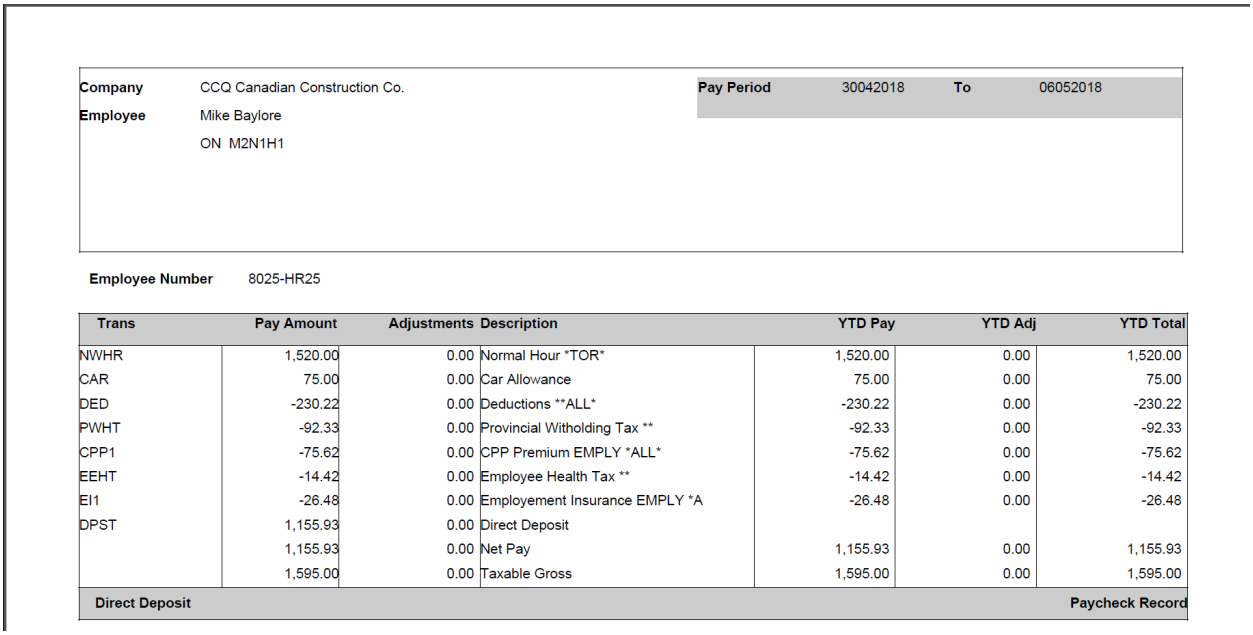


User double clicks the PDF attachment to open, a window opens to enter the document password.

This is the User Assigned Password specified on the employee profile.

Paystub Password: testing1.





Company CCQ Canadian Construction Co. **Pay Period** 30042018 **To** 06052018

Employee Mike Baylore
ON M2N1H1

Employee Number 8025-HR25

Trans	Pay Amount	Adjustments	Description	YTD Pay	YTD Adj	YTD Total
NWHR	1,520.00	0.00	Normal Hour *TOR*	1,520.00	0.00	1,520.00
CAR	75.00	0.00	Car Allowance	75.00	0.00	75.00
DED	-230.22	0.00	Deductions **ALL*	-230.22	0.00	-230.22
PWHT	-92.33	0.00	Provincial Witholding Tax **	-92.33	0.00	-92.33
CPP1	-75.62	0.00	CPP Premium EMPLY *ALL*	-75.62	0.00	-75.62
EEHT	-14.42	0.00	Employee Health Tax **	-14.42	0.00	-14.42
EI1	-26.48	0.00	Employement Insurance EMPLY *A	-26.48	0.00	-26.48
DPST	1,155.93	0.00	Direct Deposit			
	1,155.93	0.00	Net Pay	1,155.93	0.00	1,155.93
	1,595.00	0.00	Taxable Gross	1,595.00	0.00	1,595.00

Direct Deposit **Paycheck Record**

Addition of WBS Fields To Reports: PYREDIST_DET, JC705 & JC215 (18.47686)

CMiC has modified the following Jasper Reports to display the WBS information (if available). These modifications are only applied to Jasper Reporting and not Oracle Reports.

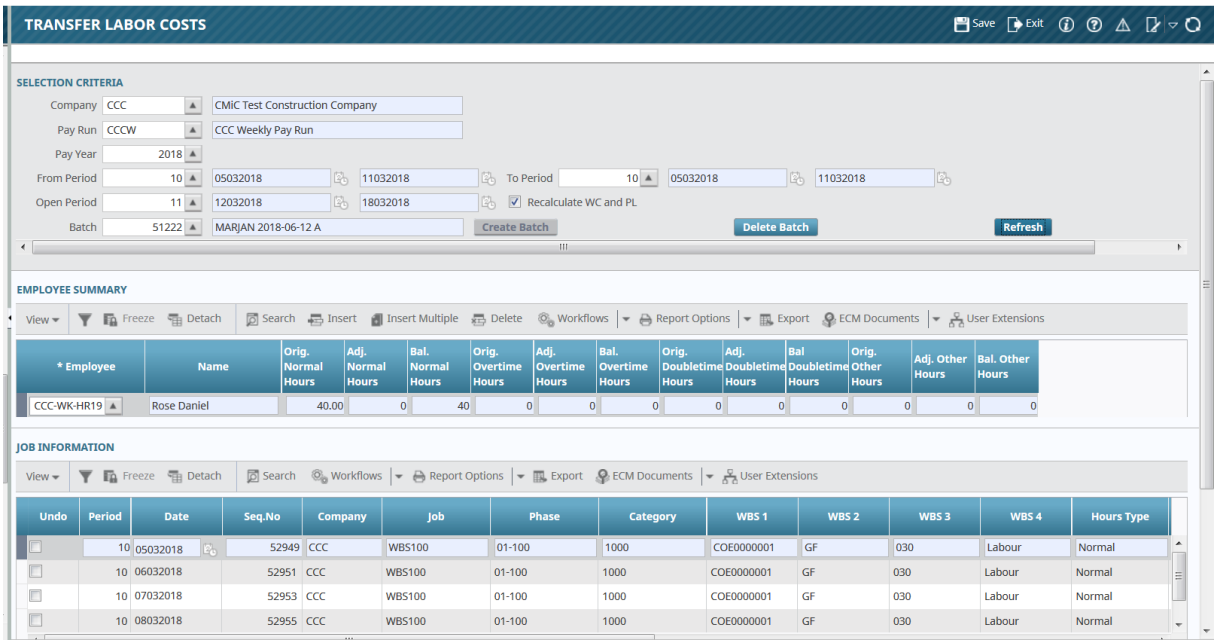
1. Transferred Labor Costs Listing Report (PYREDIST_DET)

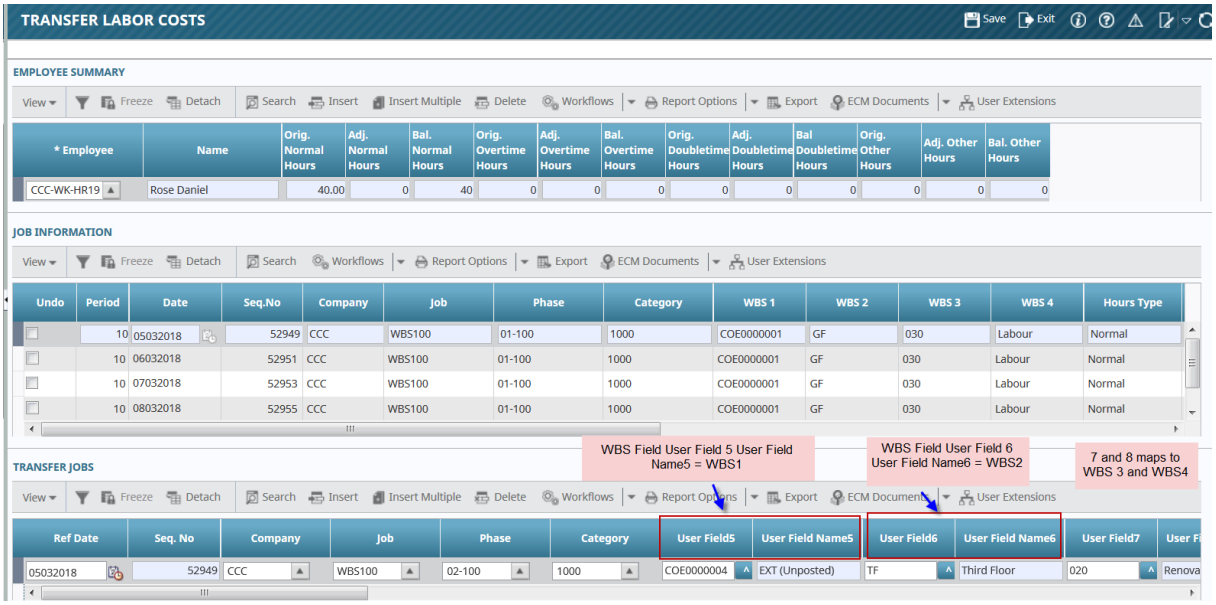
2. JC Posting Report (JC705)

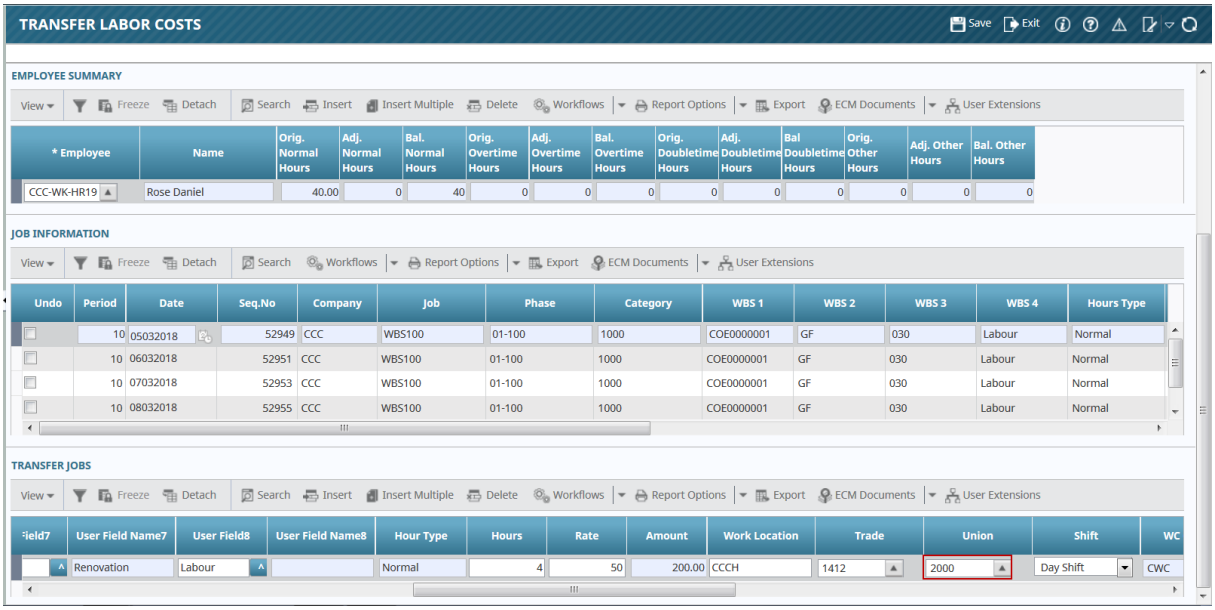
3. JC Transaction Edit List (JC215)

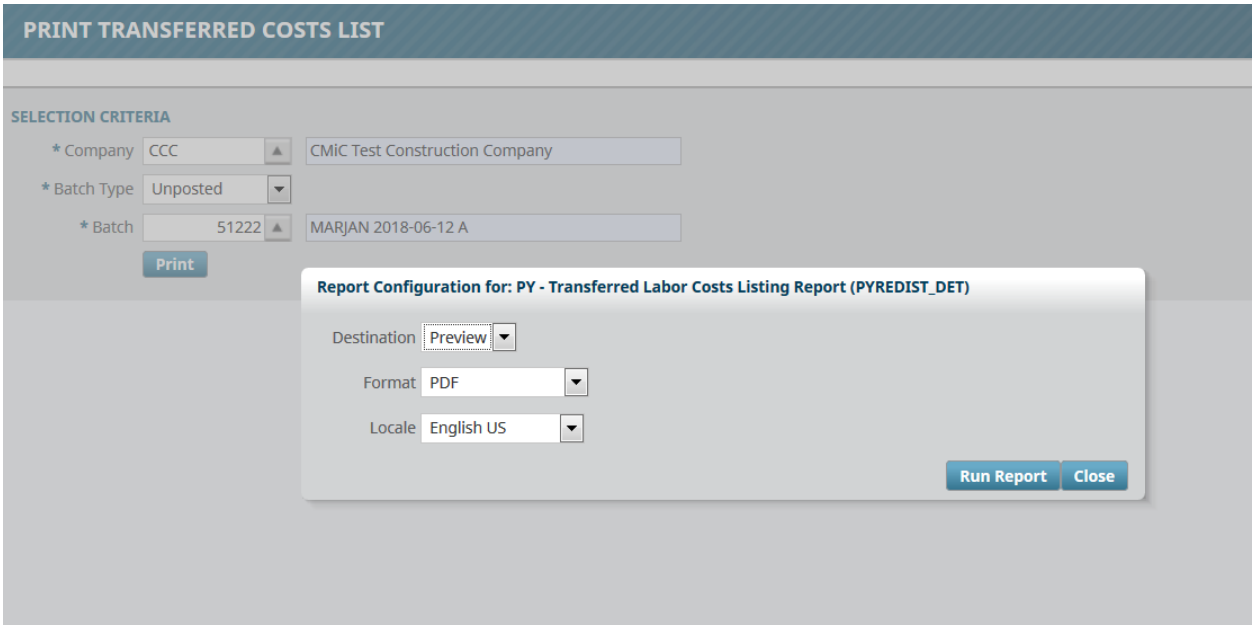
The ‘Transferred Labor Costs Listing Report is modified to include the new detailed columns and information of the WBS Codes and PCI (defined as WBS1).

Report Code: PYREDIST_DET


TRANSFER LABOR COSTS
Save
Exit
SELECTION CRITERIA
Company CCC CMiC Test Construction Company
Pay Run CCCW CCC Weekly Pay Run
Pay Year 2018
From Period 10 05032018 11032018 To Period 10 05032018 11032018
Open Period 11 12032018 18032018 Recalculate WC and PL
Batch 51222 MARJAN 2018-06-12 A Create Batch Delete Batch Refresh
EMPLOYEE SUMMARY
View Freeze Detach Search Insert Insert Multiple Delete Workflows Report Options Export ECM Documents User Extensions
* Employee Name Orig. Normal Hours Adj. Normal Hours Bal. Normal Hours Orig. Overtime Hours Adj. Overtime Hours Bal. Overtime Hours Orig. Doubletime Hours Adj. Doubletime Hours Bal Doubletime Hours Orig. Other Hours Adj. Other Hours Bal. Other Hours
CCC-WK-HR19 Rose Daniel 40.00 0 40 0 0 0 0 0 0 0 0 0
JOB INFORMATION
View Freeze Detach Search Workflows Report Options Export ECM Documents User Extensions
Undo Period Date Seq.No Company Job Phase Category WBS 1 WBS 2 WBS 3 WBS 4 Hours Type
10 05032018 52949 CCC WBS100 01-100 1000 COE0000001 GF 030 Labour Normal
10 06032018 52951 CCC WBS100 01-100 1000 COE0000001 GF 030 Labour Normal
10 07032018 52953 CCC WBS100 01-100 1000 COE0000001 GF 030 Labour Normal
10 08032018 52955 CCC WBS100 01-100 1000 COE0000001 GF 030 Labour Normal


TRANSFER LABOR COSTS
Save
Exit
EMPLOYEE SUMMARY
View Freeze Detach Search Insert Insert Multiple Delete Workflows Report Options Export ECM Documents User Extensions
* Employee Name Orig. Normal Hours Adj. Normal Hours Bal. Normal Hours Orig. Overtime Hours Adj. Overtime Hours Bal. Overtime Hours Orig. Doubletime Hours Adj. Doubletime Hours Bal Doubletime Hours Orig. Other Hours Adj. Other Hours Bal. Other Hours
CCC-WK-HR19 Rose Daniel 40.00 0 40 0 0 0 0 0 0 0 0 0
JOB INFORMATION
View Freeze Detach Search Workflows Report Options Export ECM Documents User Extensions
Undo Period Date Seq.No Company Job Phase Category WBS 1 WBS 2 WBS 3 WBS 4 Hours Type
10 05032018 52949 CCC WBS100 01-100 1000 COE0000001 GF 030 Labour Normal
10 06032018 52951 CCC WBS100 01-100 1000 COE0000001 GF 030 Labour Normal
10 07032018 52953 CCC WBS100 01-100 1000 COE0000001 GF 030 Labour Normal
10 08032018 52955 CCC WBS100 01-100 1000 COE0000001 GF 030 Labour Normal
WBS Field User Field 5 User Field Name5 = WBS1
WBS Field User Field 6 User Field Name6 = WBS2
7 and 8 maps to WBS 3 and WBS4
TRANSFER JOBS
View Freeze Detach Search Insert Insert Multiple Delete Workflows Report Options Export ECM Documents User Extensions
Ref Date Seq. No Company Job Phase Category User Field5 User Field Name5 User Field6 User Field Name6 User Field7
05032018 52949 CCC WBS100 02-100 1000 COE0000004 EXT (Unposted) TF Third Floor 020 Renova


TRANSFER LABOR COSTS
Save
Exit
EMPLOYEE SUMMARY
View
Freeze
Detach
Search
Insert
Insert Multiple
Delete
Workflows
Report Options
Export
ECM Documents
User Extensions
* Employee
Name
Orig. Normal Hours
Adj. Normal Hours
Bal. Normal Hours
Orig. Overtime Hours
Adj. Overtime Hours
Bal. Overtime Hours
Orig. Doubletime Hours
Adj. Doubletime Hours
Bal Doubletime Hours
Orig. Other Hours
Adj. Other Hours
Bal. Other Hours
CCC-WK-HR19
Rose Daniel
40.00
0
40
0
0
0
0
0
0
0
0
0
JOB INFORMATION
Undo
Period
Date
Seq.No
Company
Job
Phase
Category
WBS 1
WBS 2
WBS 3
WBS 4
Hours Type
10 05032018 52949 CCC WBS100 01-100 1000 COE0000001 GF 030 Labour Normal
10 06032018 52951 CCC WBS100 01-100 1000 COE0000001 GF 030 Labour Normal
10 07032018 52953 CCC WBS100 01-100 1000 COE0000001 GF 030 Labour Normal
10 08032018 52955 CCC WBS100 01-100 1000 COE0000001 GF 030 Labour Normal
TRANSFER JOBS
User Field Name7
User Field8
User Field Name8
Hour Type
Hours
Rate
Amount
Work Location
Trade
Union
Shift
WC
Renovation
Labour
Normal
4
50
200.00
CCCH
1412
2000
Day Shift
CWC


PRINT TRANSFERRED COSTS LIST
SELECTION CRITERIA
* Company
CCC
CMiC Test Construction Company
* Batch Type
Unposted
* Batch
51222
MARJAN 2018-06-12 A
Print
Report Configuration for: PY - Transferred Labor Costs Listing Report (PYREDIST_DET)
Destination
Preview
Format
PDF
Locale
English US
Run Report
Close

CCC - CMiC Test Construction Company
PAYROLL - TRANSFERRED LABOR COSTS LISTING REPORT

Page: 1 of 3
Date: 13062018
Time: 12:21 PM EDT

From To	Week	Date	Type/ Week	Comp/ Date	Job/ Comp/ From WBS1	Phase/ Job/ To WBS1	Cat/ Phase/ From WBS2	Work Loc./ Cat/ To WBS2	Trade/ Work Loc./ From WBS3	Union/ Trade/ To WBS3	Shift/ Union/ From WBS4	Hours/ Shift/ To WBS4	Hours	Bill Amount	Debit	Credit
Employee: CCC-WK-HR19 Rose Daniel																
	10	03/18/2018	J	CCC	WBS100	01-100	1000	**IL	1412	2000	ALL	0 ALL		0.00	0.00	0.00
	10	03/18/2018	J	CCC	WBS100	01-100	1000	*ALL	1412	2000	ALL	0 ALL		0.00	0.00	0.00
	10	03/18/2018	J	CCC	WBS100	01-100	1000	CCCH	1412	2000	ALL	0 ALL		0.00	0.00	0.00
	10	03/18/2018	J	CCC	WBS100	01-100	1000	CCCH	1412	2000	DAY SHIFT	-8 ALL		720.00	0.00	0.00
	10	03/18/2018	J	CCC	WBS100	02.03A	8100	CCCH	1412	2000	ALL	0 ALL		0.00	0.00	0.00
	11	03/18/2018	J	CCC	WBS100	02.03A	8100	CCCH	1412	2000	ALL	ALL	0.00	0.00	4.00	0.00
					COE00000			TF		020		Labour				
	11	03/18/2018	J	CCC	WBS100	02-100	1000	CCCH	1412	2000	ALL	ALL	0.00	0.00	29.35	0.00
					COE00000			TF		020		Labour				
	11	03/18/2018	J	CCC	WBS100	02-100	1000	*ALL	1412	2000	ALL	ALL	0.00	0.00	34.81	0.00
					COE00000			TF		020		Labour				

Job Transfer - WBS To data

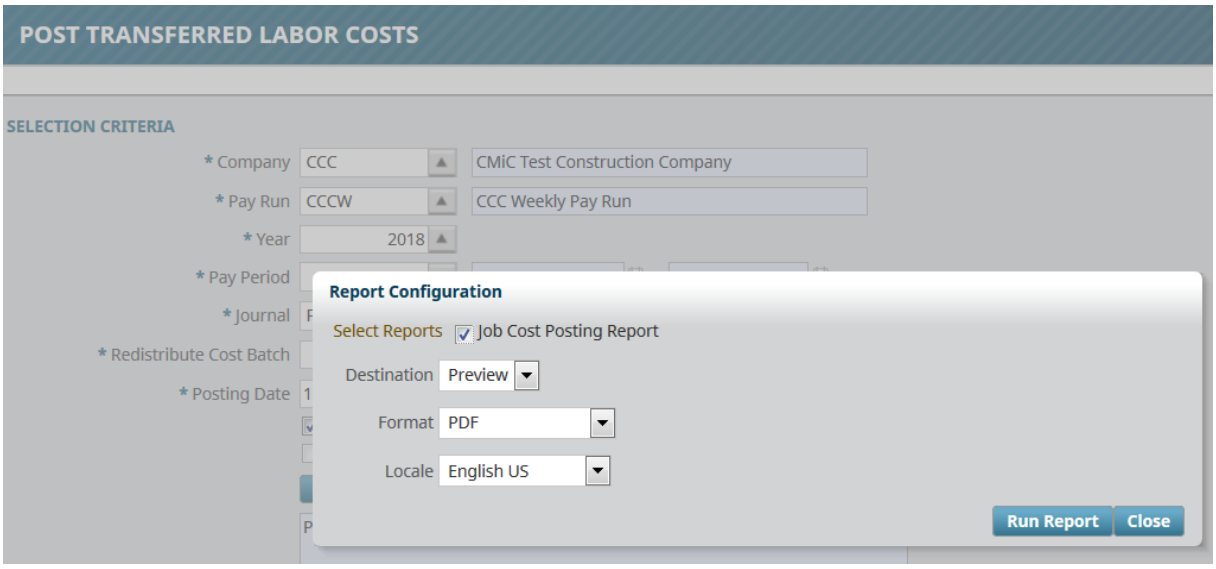
CCC - CMiC Test Construction Company
PAYROLL - TRANSFERRED LABOR COSTS LISTING REPORT

Page: 3 of 3
Date: 13062018
Time: 12:21 PM EDT

From To	Week	Date	Type/ Week	Comp/ Date	Job/ Comp/ From WBS1	Phase/ Job/ To WBS1	Cat/ Phase/ From WBS2	Work Loc./ Cat/ To WBS2	Trade/ Work Loc./ From WBS3	Union/ Trade/ To WBS3	Shift/ Union/ From WBS4	Hours/ Shift/ To WBS4	Hours	Bill Amount	Debit	Credit
			J								ALL					
			11	03/18/2018	CCC	WBS100	02-100	1000	CCCH	1200	1000	ALL	8.00	720.00	600.00	0.00
						COE00000		TF		901		Labour				
			J								ALL					
			11	03/18/2018	CCC	WBS100	02-100	1000	CCCH	1412	2000	ALL	0.00	0.00	29.35	0.00
						COE00000		TF		901		Labour				
			J								ALL					
			11	03/18/2018	CCC	WBS100	02.03A	8100	CCCH	1412	2000	ALL	0.00	0.00	4.00	0.00
						COE00000		TF		901		Labour				
												Total For Employee: CCC-WK-HR19		2,880.00	1,341.80	0.00
												Grand Total:		2,880.00	1,341.80	0.00

Report Parameters

Company: CCC
Batch: 51222
Pay Run:
Year:
Period:
Run Date: 13062018
Run Time: 12:21 PM EDT
Operator: MARJAN
Report Code: PYREDIST_DET



JC705 Posting Report

CMiC

CCC - CMiC Test Construction Company
JOB COSTING - JC POSTING REPORT
Batch 51222 - MARJAN 2018-06-12 A

Page: 1 of 1
Date: 13062018
Time: 12:20 PM EDT

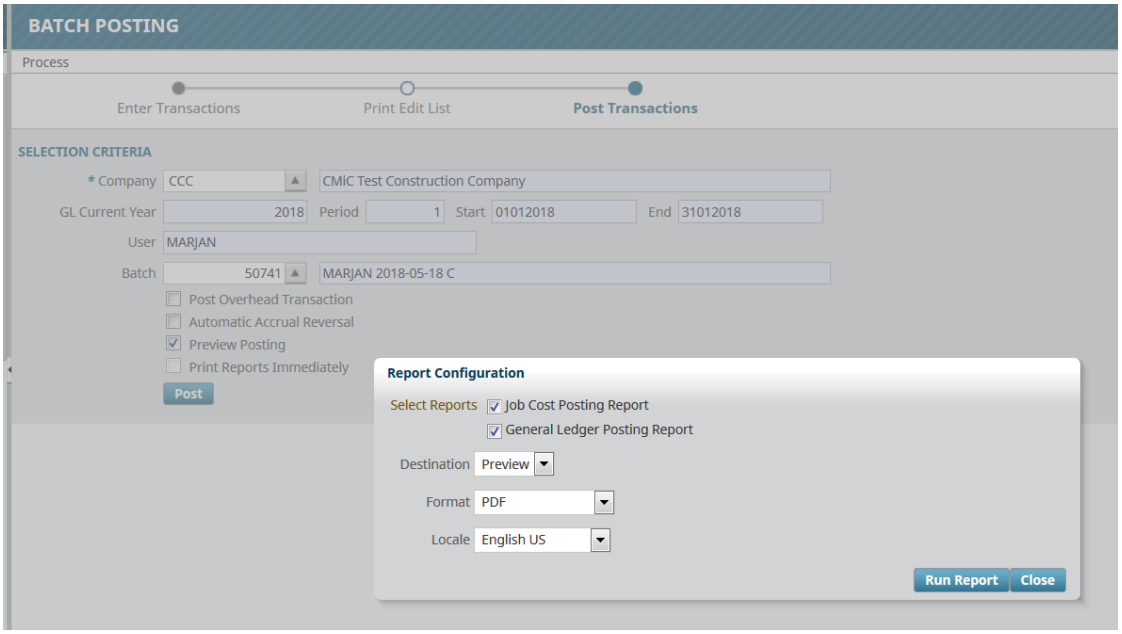
Company	T	Dept / WBS 1	Account / WBS 2	Job / WBS 3	Cost Code / WBS 4	Car	Source Code	Ref Code	Ref Date	Post Date	Batch	SRC	PO/SC	WM	Quantity	Amount
CCC	C	00	5200.200	WBS100	01-100	1000	CCC-WK-HR19	CCCW MARJAN 2018-06-12 A	05032018	18032018	51222	PY		HR	-8.000	-600.00
CCC	C	00	5200.200	WBS100	01-100	1000	CCC-WK-HR19	CCCW MARJAN 2018-06-12 A	05032018	18032018	51222	PY		HR	0.000	-66.90
CCC	C	00	5200.200	WBS100	01-100	1000	CCC-WK-HR19	CCCW MARJAN 2018-06-12 A	06032018	18032018	51222	PY		HR	-8.000	-600.00
CCC	C	00	5200.200	WBS100	01-100	1000	CCC-WK-HR19	CCCW MARJAN 2018-06-12 A	06032018	18032018	51222	PY		HR	0.000	-66.90
CCC	C	00 COE00000	5200.200 TF	WBS100 020	02-100 Labour	1000	CCC-WK-HR19	CCCW MARJAN 2018-06-12 A	05032018	18032018	51222	PY		HR	0.000	66.90
CCC	C	00 COE00000	5200.200 TF	WBS100 020	02-100 Labour	1000	CCC-WK-HR19	CCCW MARJAN 2018-06-12 A	05032018	18032018	51222	PY		HR	8.000	600.00
CCC	C	00 COE00000	5200.200 TF	WBS100 901	02-100 Labour	1000	CCC-WK-HR19	CCCW MARJAN 2018-06-12 A	06032018	18032018	51222	PY		HR	0.000	66.90
CCC	C	00 COE00000	5200.200 TF	WBS100 901	02-100 Labour	1000	CCC-WK-HR19	CCCW MARJAN 2018-06-12 A	06032018	18032018	51222	PY		HR	8.000	600.00
CCC	C	00 COE00000	5200.200 TF	WBS100 020	02.03A Labour	8100	CCC-WK-HR19	CCCW MARJAN 2018-06-12 A	05032018	18032018	51222	PY		NA	0.000	4.00
CCC	C	00	5200.200	WBS100	02.03A	8100	CCC-WK-HR19	CCCW MARJAN 2018-06-12 A	05032018	18032018	51222	PY		NA	0.000	-4.00
CCC	C	00 COE00000	5200.200 TF	WBS100 901	02.03A Labour	8100	CCC-WK-HR19	CCCW MARJAN 2018-06-12 A	06032018	18032018	51222	PY		NA	0.000	4.00
CCC	C	00	5200.200	WBS100	02.03A	8100	CCC-WK-HR19	CCCW MARJAN 2018-06-12 A	06032018	18032018	51222	PY		NA	0.000	-4.00
														Total For Job:	WBS100	0.00
														Total For Company:	CCC	0.00
														Total For Currency:	US	0.00

Report Parameters

Company: CCC
Batch Number: 51222
Posted With Overheads: Yes
PY

Run Date: 13062018
Run Time: 12:20 PM EDT
Operator: MARJAN
Report Code: JC705

205

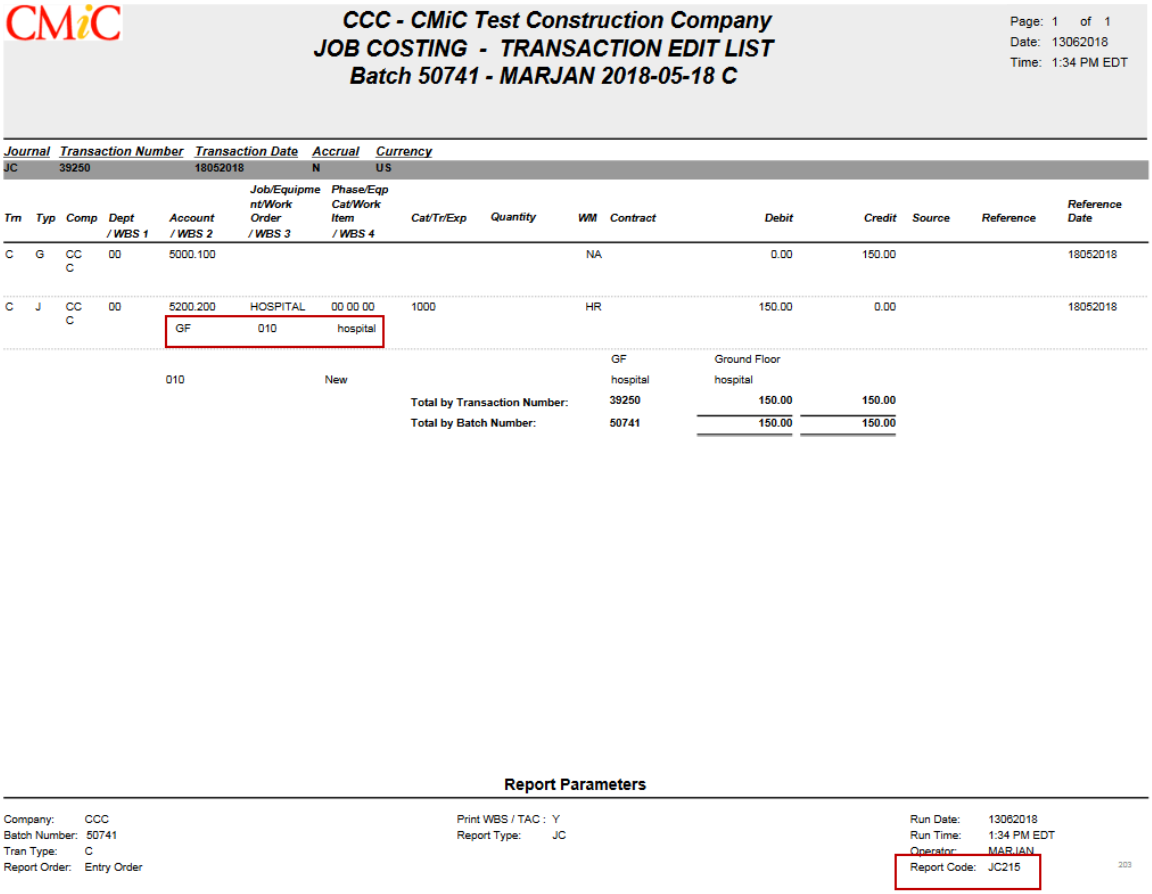


General Ledger Posting Report
Batch 50741 - MARJAN 2018-05-18 C

Department	Account	Account Name	Post Date	Source	Reference	Debit	Credit	Exchange Amount	Currency	Rate
Company CCC - CMiC Test Construction Company										**Currency US**
00	5000.100	AP Misc. Expense	18052018			0.00	150.00	-150.00	US	1.0000
00	5200.200	Job Cost Cost Adjustments	18052018			150.00	0.00	150.00	US	1.0000
Total for Company CCC - CMiC Test Construction Company						**150.00**	**150.00**			
Total for Currency US						**150.00**	**150.00**			
					Total for Batch	**150.00**	**150.00**			

Report Parameters

Batch Number:	50741	Summary:	No	Run Date:	13062018
		Show:	No	Run Time:	1:38 PM EDT
		Job ID:	1205759	Operator:	MARJAN
				Report Code:	GLPOST



CCC - CMiC Test Construction Company
JOB COSTING - TRANSACTION EDIT LIST
Batch 50741 - MARJAN 2018-05-18 C

Page: 1 of 1
Date: 13062018
Time: 1:34 PM EDT

Journal	Transaction Number	Transaction Date	Accrual	Currency
JC	39250	18052018	N	US

Trn	Typ	Comp	Dept / WBS 1	Account / WBS 2	Job/Equipment/Work Order / WBS 3	Phase/Eqp Cat/Work Item / WBS 4	Cat/Tr/Exp	Quantity	WM	Contract	Debit	Credit	Source	Reference	Reference Date
C	G	CCC	00	5000.100					NA		0.00	150.00			18052018
C	J	CCC	00	5200.200	HOSPITAL	00 00 00	1000		HR		150.00	0.00			18052018
				GF	010	hospital									
										GF	Ground Floor				
				010		New				hospital	hospital				
							Total by Transaction Number:			39250	150.00	150.00			
							Total by Batch Number:			50741	150.00	150.00			

Report Parameters

Company: CCC
Batch Number: 50741
Tran Type: C
Report Order: Entry Order

Print WBS / TAC : Y
Report Type: JC

Run Date: 13062018
Run Time: 1:34 PM EDT
Operator: MARJAN
Report Code: JC215

203

Lump Sum Benefit Calculation (18.48282)

This is a modification in payroll processing to support Employee Self Service Open Enrollment system. The processing will be modified for Lump Sum benefit/deduction to process once within period when the old plan is ended, and a new plan is started in the middle of the week.

Current Scenario

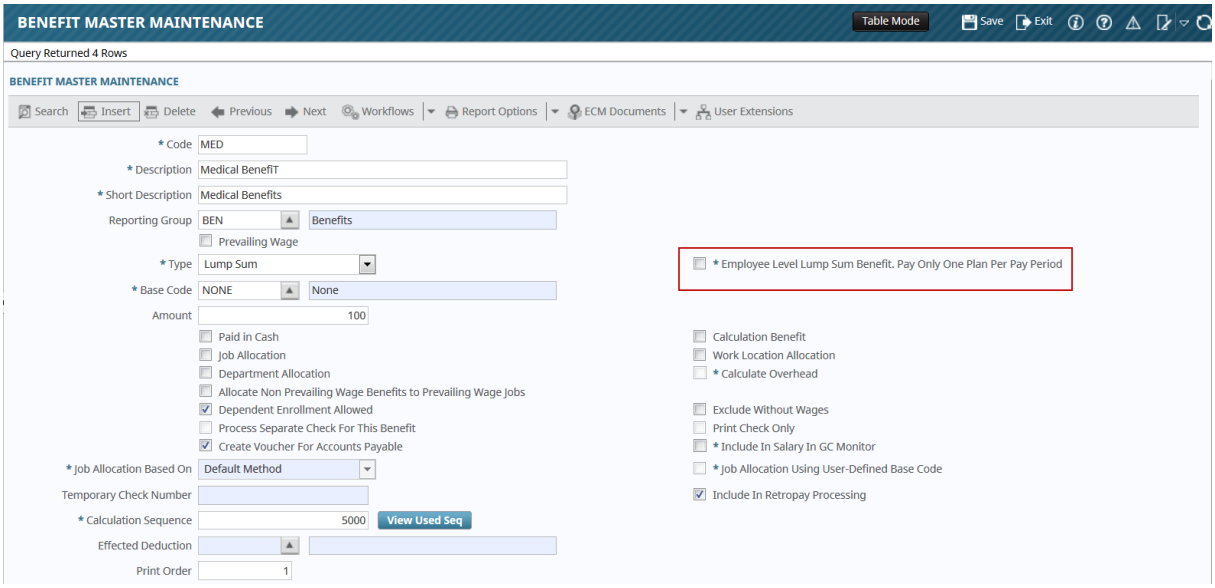
In current payroll processing system process LS benefit without pro-rating, therefore if the OLD plan ended in the middle of the week and NEW plan was elected then system will process BOTH transaction and employee will have ended up paying double amount. In this scenario all our customers MUST end OLD plan prior to period start date and start NEW benefit with period start date.

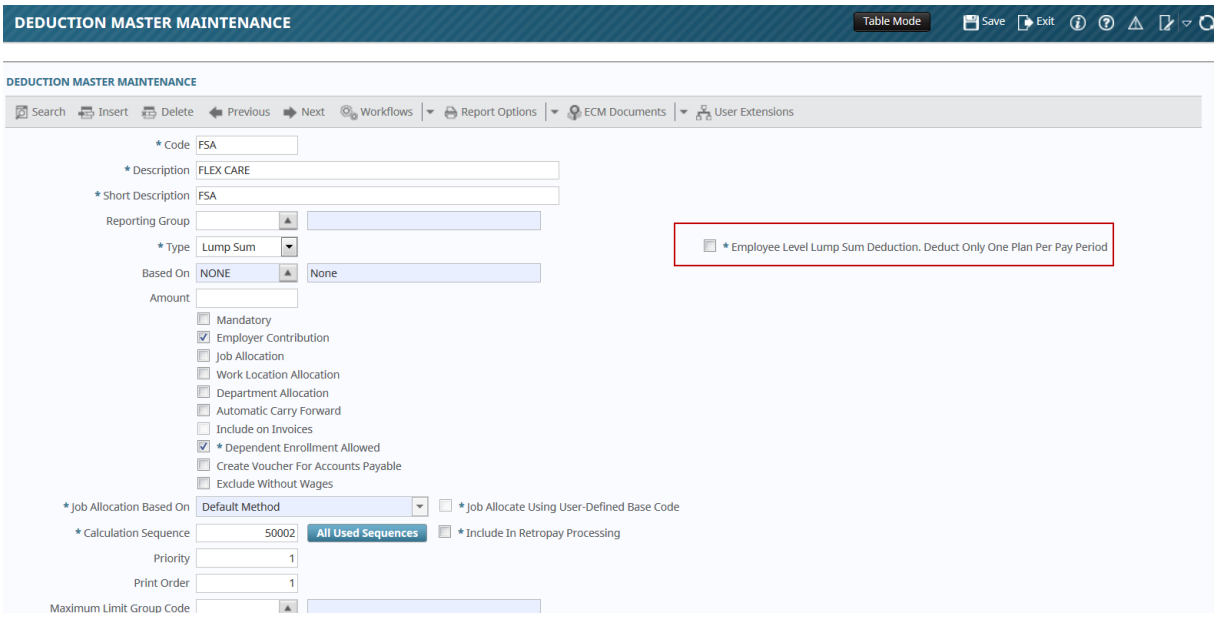
This causes a problem in open enrollment and now 1095 reporting which is mandatory requirement.

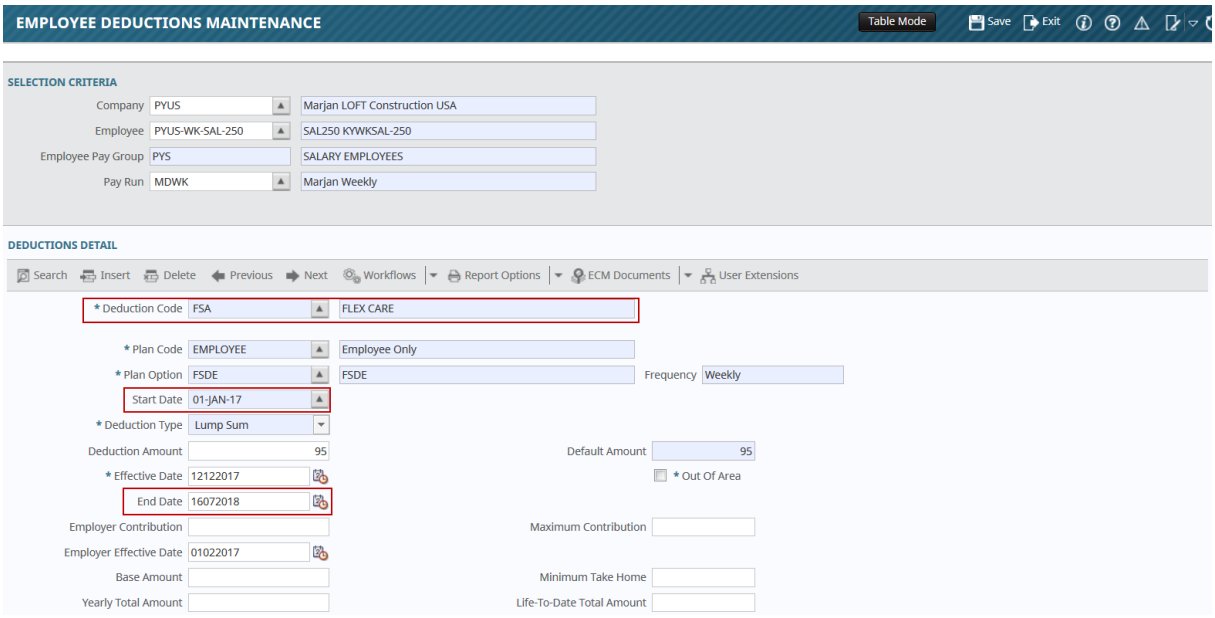
CMiC Modification

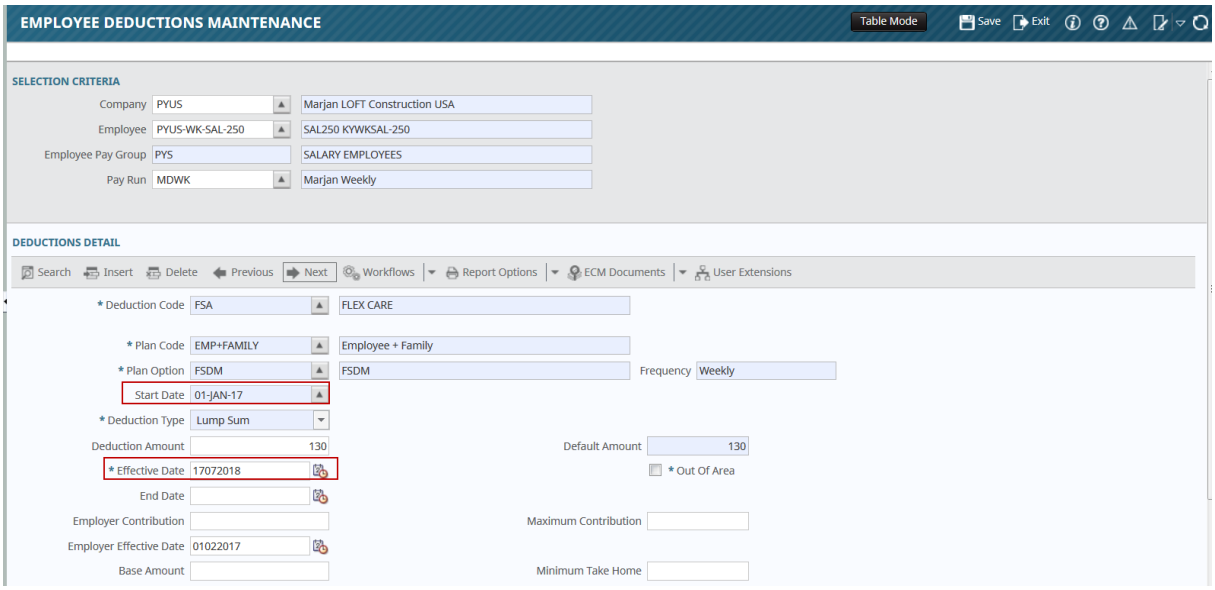
CMiC has added a NEW flag on Lump Sum benefit/deduction which will allow users to set the option to process the latest Lump Sum transaction in the above scenario. Processing will ONLY process the latest transaction when same transaction code by (company /pay run/ pay group/ plan/ option/ start date) exits.

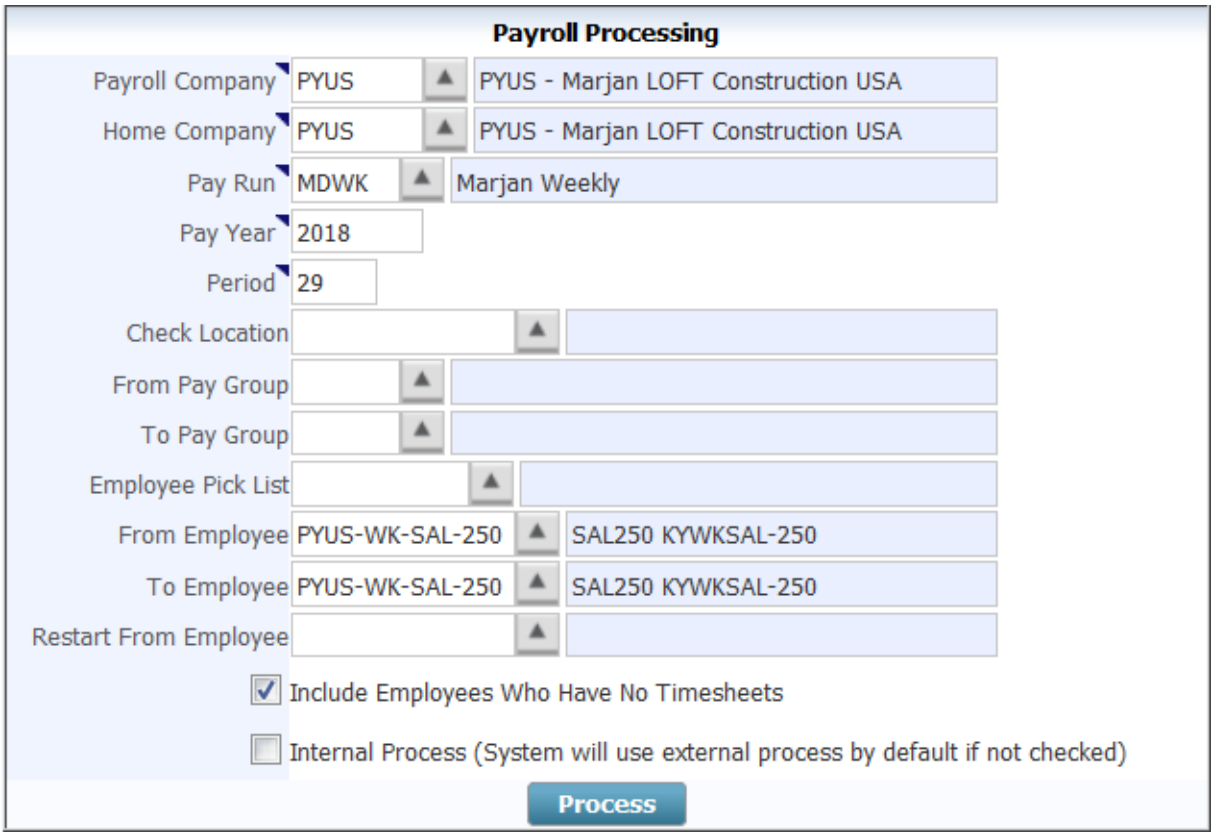
Users will not be required to change their plan starting and end dates.


BENEFIT MASTER MAINTENANCE
Table Mode
Save
Exit
Query Returned 4 Rows
BENEFIT MASTER MAINTENANCE
Search
Insert
Delete
Previous
Next
Workflows
Report Options
ECM Documents
User Extensions
* Code
MED
* Description
Medical BenefiT
* Short Description
Medical Benefits
Reporting Group
BEN
Benefits
Prevailing Wage
* Type
Lump Sum
* Employee Level Lump Sum Benefit. Pay Only One Plan Per Pay Period
* Base Code
NONE
None
Amount
100
Paid in Cash
Job Allocation
Department Allocation
Allocate Non Prevailing Wage Benefits to Prevailing Wage Jobs
Dependent Enrollment Allowed
Process Separate Check For This Benefit
Create Voucher For Accounts Payable
Calculation Benefit
Work Location Allocation
* Calculate Overhead
Exclude Without Wages
Print Check Only
* Include In Salary In GC Monitor
* Job Allocation Using User-Defined Base Code
Include In Retropay Processing
* Job Allocation Based On
Default Method
Temporary Check Number
* Calculation Sequence
5000
View Used Seq
Effected Deduction
Print Order
1


DEDUCTION MASTER MAINTENANCE
Table Mode
Save
Exit
DEDUCTION MASTER MAINTENANCE
Search
Insert
Delete
Previous
Next
Workflows
Report Options
ECM Documents
User Extensions
* Code
FSA
* Description
FLEX CARE
* Short Description
FSA
Reporting Group
* Type
Lump Sum
* Employee Level Lump Sum Deduction. Deduct Only One Plan Per Pay Period
Based On
NONE
None
Amount
Mandatory
Employer Contribution
Job Allocation
Work Location Allocation
Department Allocation
Automatic Carry Forward
Include on Invoices
* Dependent Enrollment Allowed
Create Voucher For Accounts Payable
Exclude Without Wages
* Job Allocation Based On
Default Method
* Job Allocate Using User-Defined Base Code
* Calculation Sequence
50002
All Used Sequences
* Include In Retropay Processing
Priority
1
Print Order
1
Maximum Limit Group Code


EMPLOYEE DEDUCTIONS MAINTENANCE
Table Mode
Save
Exit
SELECTION CRITERIA
Company PYUS Marjan LOFT Construction USA
Employee PYUS-WK-SAL-250 SAL250 KYWKSAL-250
Employee Pay Group PYS SALARY EMPLOYEES
Pay Run MDWK Marjan Weekly
DEDUCTIONS DETAIL
Search
Insert
Delete
Previous
Next
Workflows
Report Options
ECM Documents
User Extensions
* Deduction Code FSA FLEX CARE
* Plan Code EMPLOYEE Employee Only
* Plan Option FSDE FSDE
Frequency Weekly
Start Date 01-JAN-17
* Deduction Type Lump Sum
Deduction Amount 95
Default Amount 95
* Effective Date 12122017
* Out Of Area
End Date 16072018
Employer Contribution
Maximum Contribution
Employer Effective Date 01022017
Base Amount
Minimum Take Home
Yearly Total Amount
Life-To-Date Total Amount


EMPLOYEE DEDUCTIONS MAINTENANCE
Table Mode
Save
Exit
SELECTION CRITERIA
Company PYUS Marjan LOFT Construction USA
Employee PYUS-WK-SAL-250 SAL250 KYWKSAL-250
Employee Pay Group PYS SALARY EMPLOYEES
Pay Run MDWK Marjan Weekly
DEDUCTIONS DETAIL
Search
Insert
Delete
Previous
Next
Workflows
Report Options
ECM Documents
User Extensions
* Deduction Code FSA FLEX CARE
* Plan Code EMP+FAMILY Employee + Family
* Plan Option FSDM FSDM
Frequency Weekly
Start Date 01-JAN-17
* Deduction Type Lump Sum
Deduction Amount 130
Default Amount 130
* Effective Date 17072018
* Out Of Area
End Date
Employer Contribution
Maximum Contribution
Employer Effective Date 01022017
Base Amount
Minimum Take Home

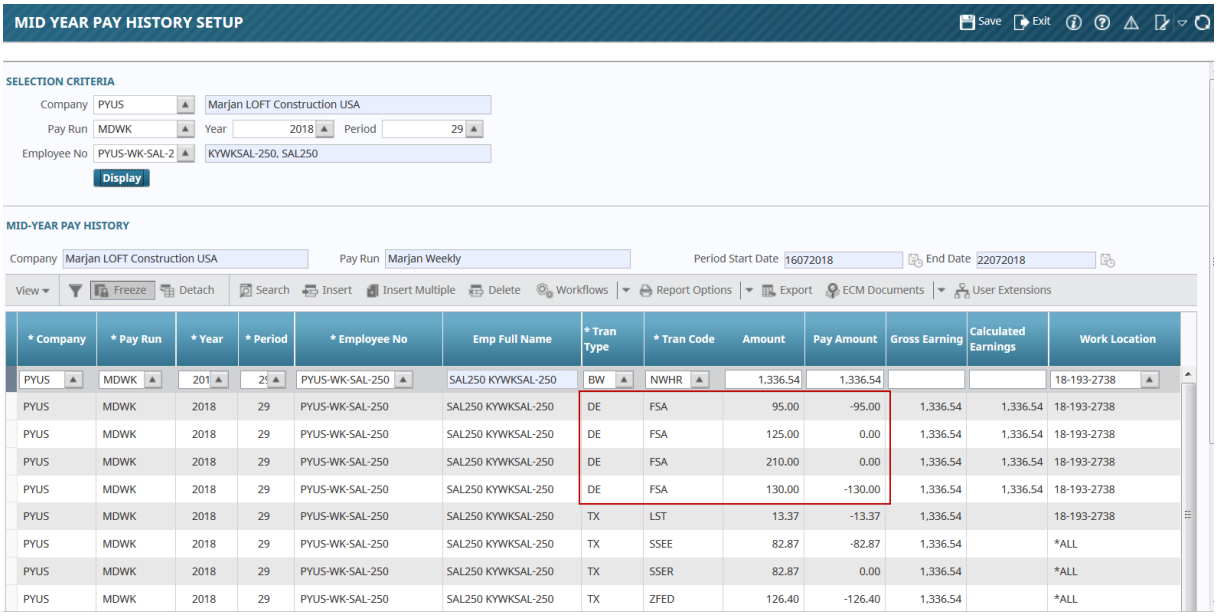


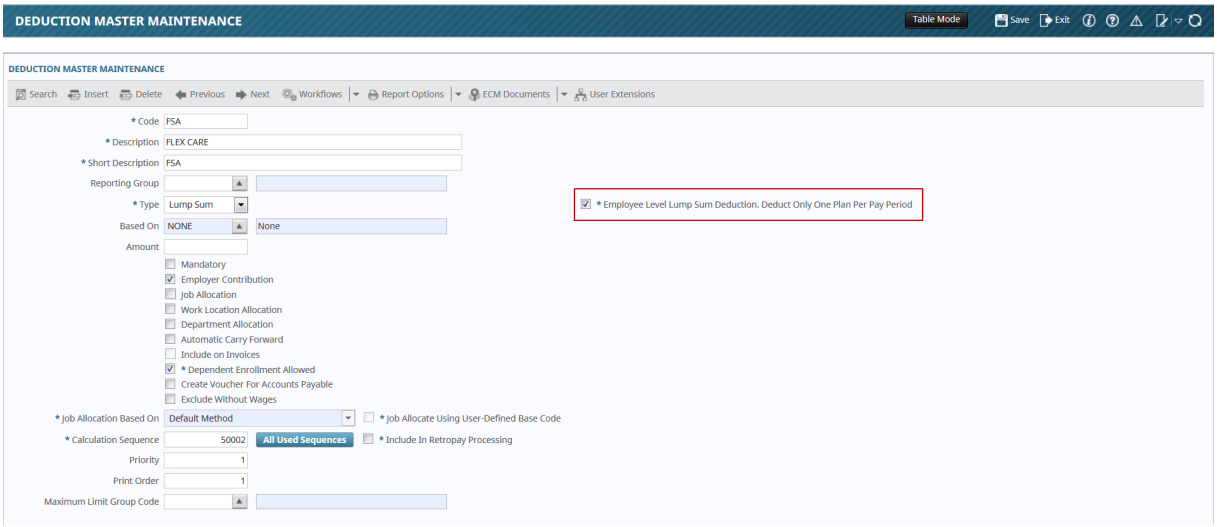
PYUS - Marjan LOFT Construction USA
Payroll - Register Report

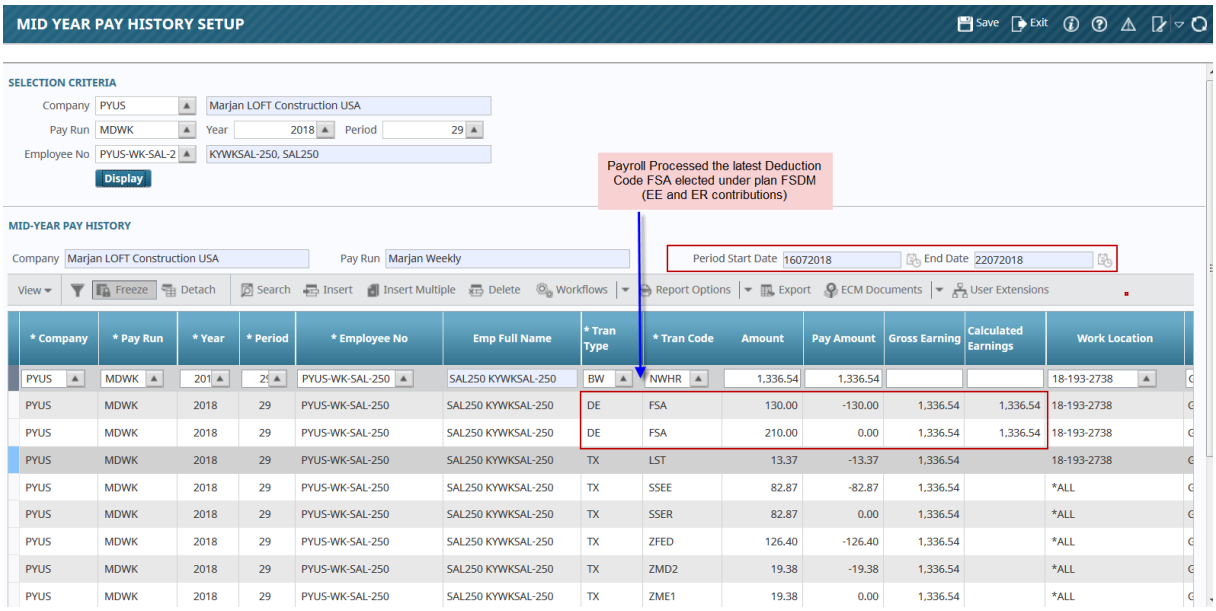
Page: 1 of 1
Date: 11072018
Time: 9:44 PM EDT

Wages and Benefits				Deductions and Taxes			Employer Part		
Code	Description	Hours	Amount	Code	Description	Amount	Code	Description	Amount
FEIN#: MD14799001		Company: PYUS - Marjan LOFT Construction USA				Pay Run: MDWK			
Pay Period: 29		Start Date: 16072018		End Date: 22072018					
Employee: PYUS-WK-SAL-250		SAL250 KYWKSAL-250		Union:		Trade: 6510		Carpenter	
Check No.:		User Check No.:		Check Amount: 805.13		Check Date:			
Net Pay : 805.13									
NWHR	Normal Hours	40.00	1,336.54	FSA	FSA	-225.00	FSA	FSA	335.00
				LST	Local Services (Perry County)	-13.37	SSER	SS Employer (*ALL)	82.87
				SSEE	SS Employee (*ALL)	-82.87	ZME1	Medicare ER (*ALL)	19.38
				ZFED	Fed WH Tax (*ALL)	-126.40	5606	5606	1.30
				ZMD2	Medicare EE (*ALL)	-19.38			
				ZSTA	State WH Tax (**KY)	-64.39			
Check Total		40.00	1,336.54			-531.41			438.55
Employee Total		40.00	1,336.54			-531.41			438.55
Grand Total									
NWHR	Normal Hours	40.00	1,336.54	FSA	FSA	-225.00	5606	5606	1.30
				LST	Local Services (Perry	-13.37	FSA	FSA	335.00
				SSEE	SS Employee (*ALL)	-82.87	SSER	SS Employer (*ALL)	82.87
				ZFED	Fed WH Tax (*ALL)	-126.40	ZME1	Medicare ER (*ALL)	19.38
				ZMD2	Medicare EE (*ALL)	-19.38			
				ZSTA	State WH Tax (**KY)	-64.39			
Grand Total		40.00	1,336.54			-531.41			438.55
Total Employees: 1		Net Pay	805.13			Check Amount	805.13		

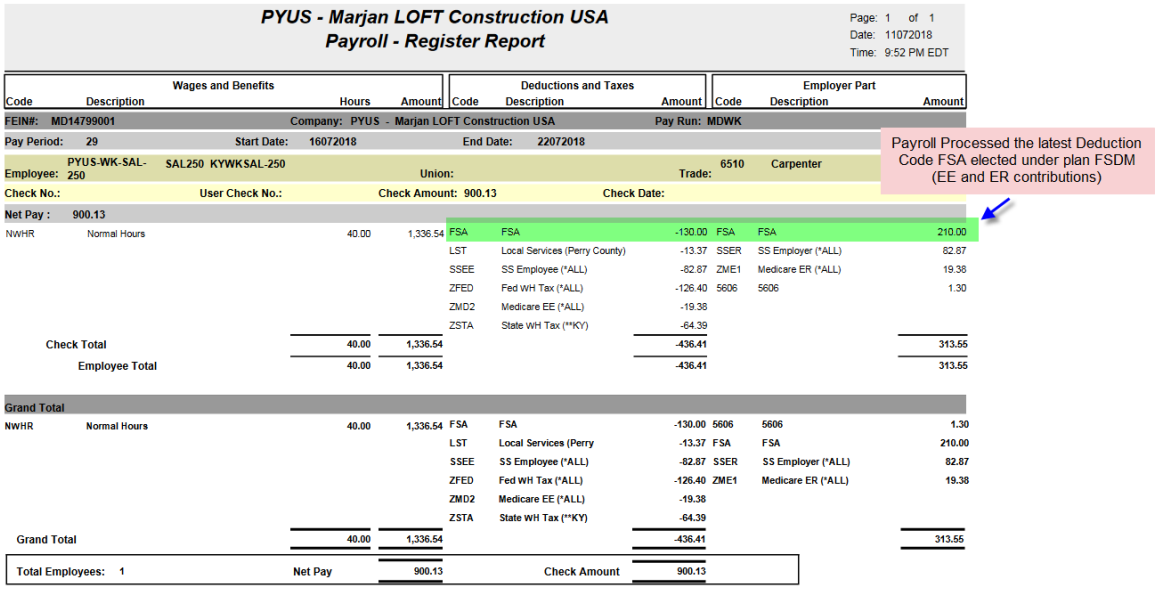
Payroll processed both deduction code FS under plans FSDE and FSDM.


MID YEAR PAY HISTORY SETUP
Save
Exit
SELECTION CRITERIA
Company PYUS Marjan LOFT Construction USA
Pay Run MDWK Year 2018 Period 29
Employee No PYUS-WK-SAL-2 KYWKSAL-250, SAL250
Display
MID-YEAR PAY HISTORY
Company Marjan LOFT Construction USA
Pay Run Marjan Weekly
Period Start Date 16072018
End Date 22072018
View
Freeze
Detach
Search
Insert
Insert Multiple
Delete
Workflows
Report Options
Export
ECM Documents
User Extensions
* Company
* Pay Run
* Year
* Period
* Employee No
Emp Full Name
* Tran Type
* Tran Code
Amount
Pay Amount
Gross Earning
Calculated Earnings
Work Location
PYUS MDWK 201 2 PYUS-WK-SAL-250 SAL250 KYWKSAL-250 BW NWHR 1,336.54 1,336.54 18-193-2738
PYUS MDWK 2018 29 PYUS-WK-SAL-250 SAL250 KYWKSAL-250 DE FSA 95.00 -95.00 1,336.54 1,336.54 18-193-2738
PYUS MDWK 2018 29 PYUS-WK-SAL-250 SAL250 KYWKSAL-250 DE FSA 125.00 0.00 1,336.54 1,336.54 18-193-2738
PYUS MDWK 2018 29 PYUS-WK-SAL-250 SAL250 KYWKSAL-250 DE FSA 210.00 0.00 1,336.54 1,336.54 18-193-2738
PYUS MDWK 2018 29 PYUS-WK-SAL-250 SAL250 KYWKSAL-250 DE FSA 130.00 -130.00 1,336.54 1,336.54 18-193-2738
PYUS MDWK 2018 29 PYUS-WK-SAL-250 SAL250 KYWKSAL-250 TX LST 13.37 -13.37 1,336.54 18-193-2738
PYUS MDWK 2018 29 PYUS-WK-SAL-250 SAL250 KYWKSAL-250 TX SSEE 82.87 -82.87 1,336.54 *ALL
PYUS MDWK 2018 29 PYUS-WK-SAL-250 SAL250 KYWKSAL-250 TX SSER 82.87 0.00 1,336.54 *ALL
PYUS MDWK 2018 29 PYUS-WK-SAL-250 SAL250 KYWKSAL-250 TX ZFED 126.40 -126.40 1,336.54 *ALL


DEDUCTION MASTER MAINTENANCE
Table Mode
Save
Exit
DEDUCTION MASTER MAINTENANCE
Search
Insert
Delete
Previous
Next
Workflows
Report Options
ECM Documents
User Extensions
* Code FSA
* Description FLEX CARE
* Short Description FSA
Reporting Group
* Type Lump Sum
Based On NONE None
Amount
Mandatory
Employer Contribution
Job Allocation
Work Location Allocation
Department Allocation
Automatic Carry Forward
Include on Invoices
* Dependent Enrollment Allowed
Create Voucher For Accounts Payable
Exclude Without Wages
* Employee Level Lump Sum Deduction. Deduct Only One Plan Per Pay Period
* Job Allocation Based On Default Method
* Job Allocate Using User-Defined Base Code
* Calculation Sequence 50002
All Used Sequences
* Include In Retropay Processing
Priority 1
Print Order 1
Maximum Limit Group Code



* Company	* Pay Run	* Year	* Period	* Employee No	Emp Full Name	* Tran Type	* Tran Code	Amount	Pay Amount	Gross Earning	Calculated Earnings	Work Location
PYUS	MDWK	201	2	PYUS-WK-SAL-250	SAL250 KYWKSAL-250	BW	NWHR	1,336.54	1,336.54			18-193-2738
PYUS	MDWK	2018	29	PYUS-WK-SAL-250	SAL250 KYWKSAL-250	DE	FSA	130.00	-130.00	1,336.54	1,336.54	18-193-2738
PYUS	MDWK	2018	29	PYUS-WK-SAL-250	SAL250 KYWKSAL-250	DE	FSA	210.00	0.00	1,336.54	1,336.54	18-193-2738
PYUS	MDWK	2018	29	PYUS-WK-SAL-250	SAL250 KYWKSAL-250	TX	LST	13.37	-13.37	1,336.54		18-193-2738
PYUS	MDWK	2018	29	PYUS-WK-SAL-250	SAL250 KYWKSAL-250	TX	SSEE	82.87	-82.87	1,336.54		*ALL
PYUS	MDWK	2018	29	PYUS-WK-SAL-250	SAL250 KYWKSAL-250	TX	SSER	82.87	0.00	1,336.54		*ALL
PYUS	MDWK	2018	29	PYUS-WK-SAL-250	SAL250 KYWKSAL-250	TX	ZFED	126.40	-126.40	1,336.54		*ALL
PYUS	MDWK	2018	29	PYUS-WK-SAL-250	SAL250 KYWKSAL-250	TX	ZMD2	19.38	-19.38	1,336.54		*ALL
PYUS	MDWK	2018	29	PYUS-WK-SAL-250	SAL250 KYWKSAL-250	TX	ZME1	19.38	0.00	1,336.54		*ALL



PYUS - Marjan LOFT Construction USA
Payroll - Register Report

Page: 1 of 1
Date: 11072018
Time: 9:52 PM EDT

Payroll Processed the latest Deduction Code FSA elected under plan FSDM (EE and ER contributions)

Wages and Benefits Code	Description	Hours	Amount	Deductions and Taxes Code	Description	Amount	Employer Part Code	Description	Amount
FEIN#: MD14799001		Company: PYUS - Marjan LOFT Construction USA				Pay Run: MDWK			
Pay Period: 29		Start Date: 16072018		End Date: 22072018					
Employee: PYUS-WK-SAL-250	SAL250 KYWKSAL-250	Union:				Trade: 6510	Carpenter		
Check No.:		User Check No.:		Check Amount: 900.13		Check Date:			
Net Pay : 900.13									
NWHR	Normal Hours	40.00	1,336.54	FSA	FSA	-130.00	FSA	FSA	210.00
				LST	Local Services (Perry County)	-13.37	SSER	SS Employer (*ALL)	82.87
				SSEE	SS Employee (*ALL)	-82.87	ZME1	Medicare ER (*ALL)	19.38
				ZFED	Fed WH Tax (*ALL)	-126.40	5606	5606	1.30
				ZMD2	Medicare EE (*ALL)	-19.38			
				ZSTA	State WH Tax (**KY)	-64.39			
Check Total		40.00	1,336.54			-436.41			313.55
Employee Total		40.00	1,336.54			-436.41			313.55
Grand Total									
NWHR	Normal Hours	40.00	1,336.54	FSA	FSA	-130.00	5606	5606	1.30
				LST	Local Services (Perry	-13.37	FSA	FSA	210.00
				SSEE	SS Employee (*ALL)	-82.87	SSER	SS Employer (*ALL)	82.87
				ZFED	Fed WH Tax (*ALL)	-126.40	ZME1	Medicare ER (*ALL)	19.38
				ZMD2	Medicare EE (*ALL)	-19.38			
				ZSTA	State WH Tax (**KY)	-64.39			
Grand Total		40.00	1,336.54			-436.41			313.55
Total Employees: 1		Net Pay	900.13		Check Amount	900.13			

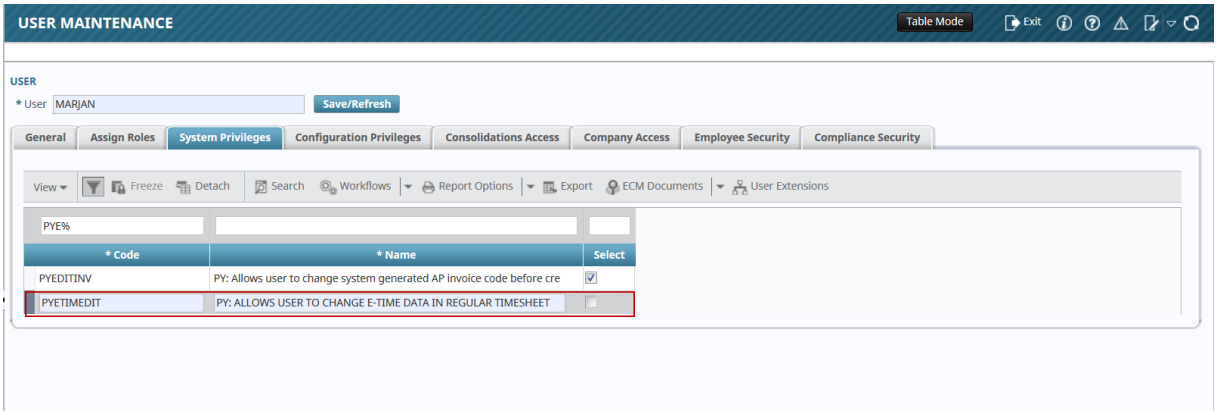
Edit E-Time data in Regular Timesheet (18.49492)

CMiC has modified the Regular Timesheet Entry program to allow users to update data if it was originally created from E-Time.

CMiC has introduced a new User Privilege ‘User is allowed to change E-Time data in Regular Timesheet’. Based on this privilege, the Regular Timesheet program will allow the connected (**SSO**) User to change E-Timesheet data if privileges found in the setup. By default, this privilege will be initialized as N (Not Allowed)

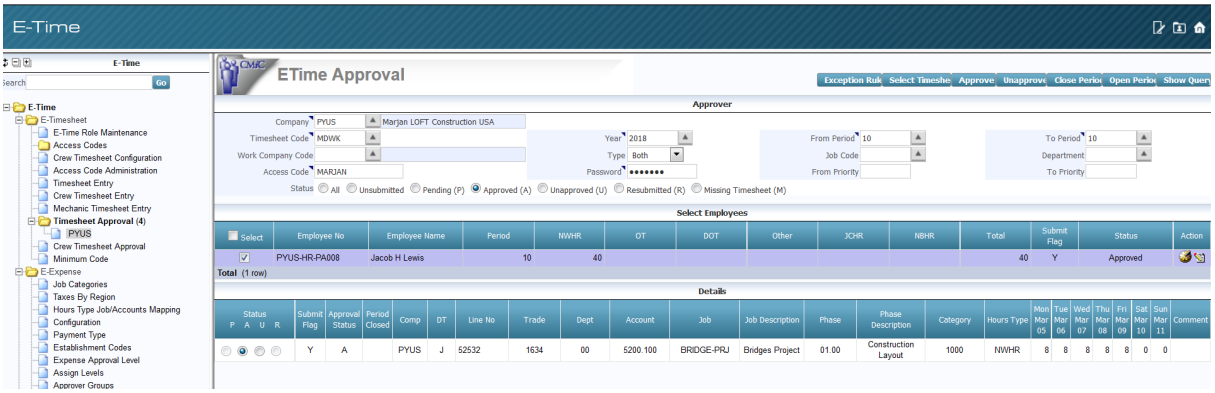
User Maintenance – System Privileges

Added a new User Privilege ‘User is allowed to change E-Time data in Regular Timesheet’. Based on this privilege, the Regular Timesheet program will allow connected (SSO) User to change E-Timesheet data if privileges found in the setup. By default, this privilege will be initialized as N (Not Allowed)

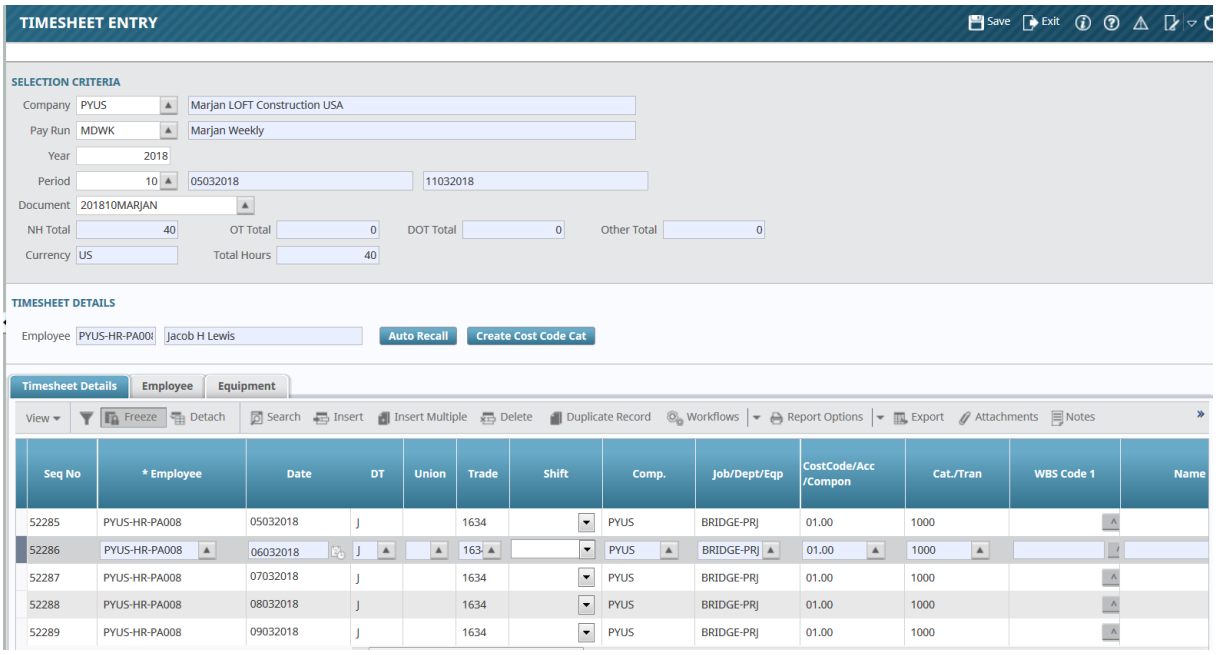


When the flag for PYETIMEDIT system privilige is unchecked for the user, regular timesheet entry screen does not allow the user to edit E-Time data.

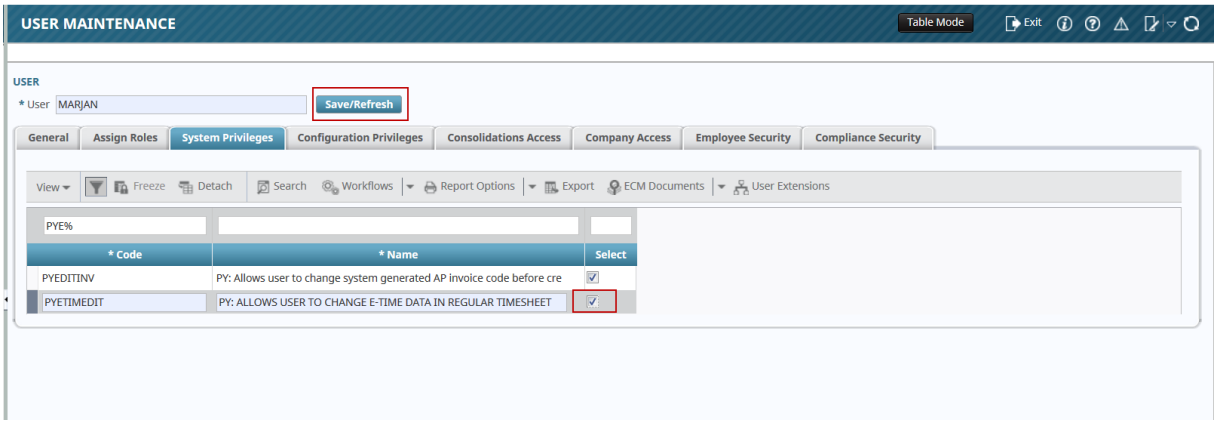
E-Time Approved (Unposted) timesheet data

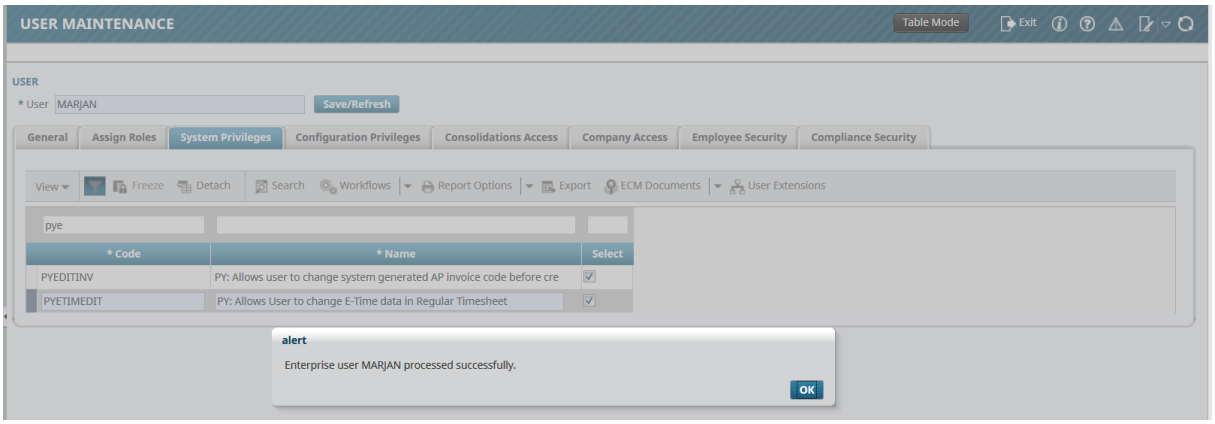


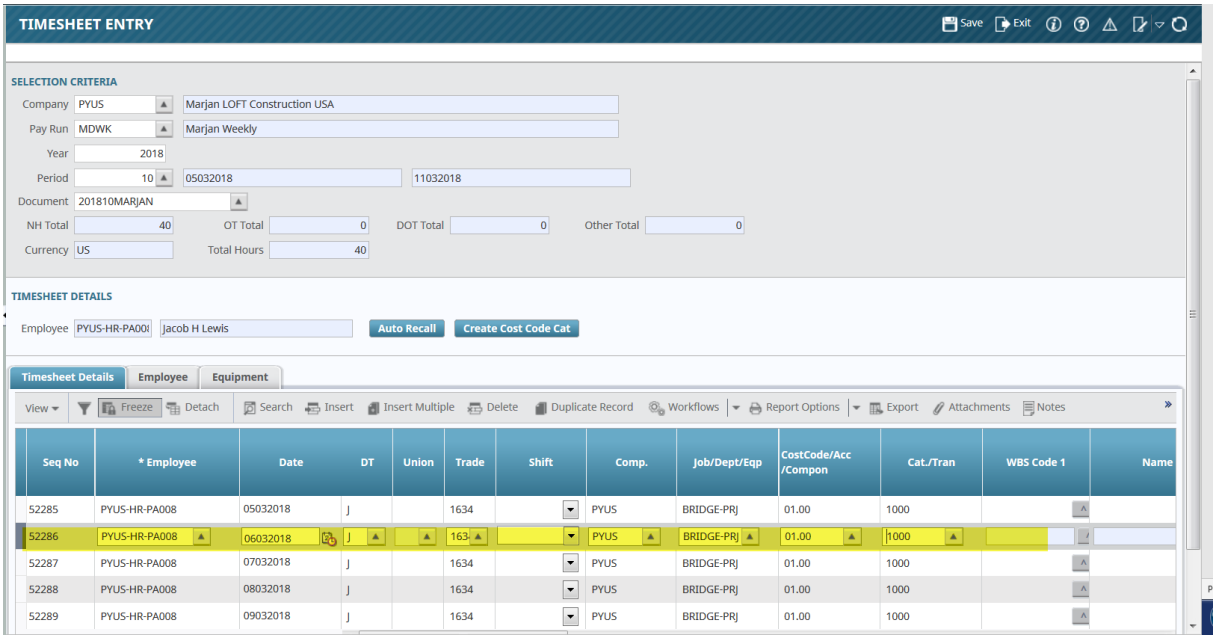
Regular Timesheet



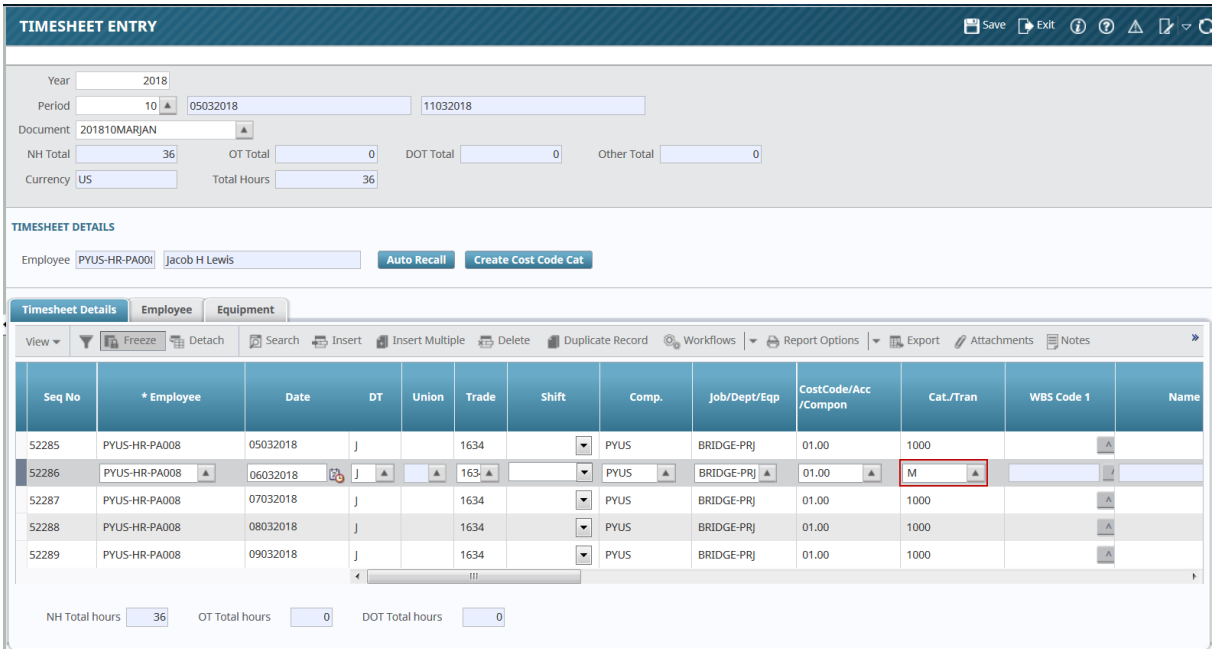
When the flag for PYETIMEDIT system privilige is checked for the user, regular timesheet entry screen will be available and allow the the user to edit E-Time data.

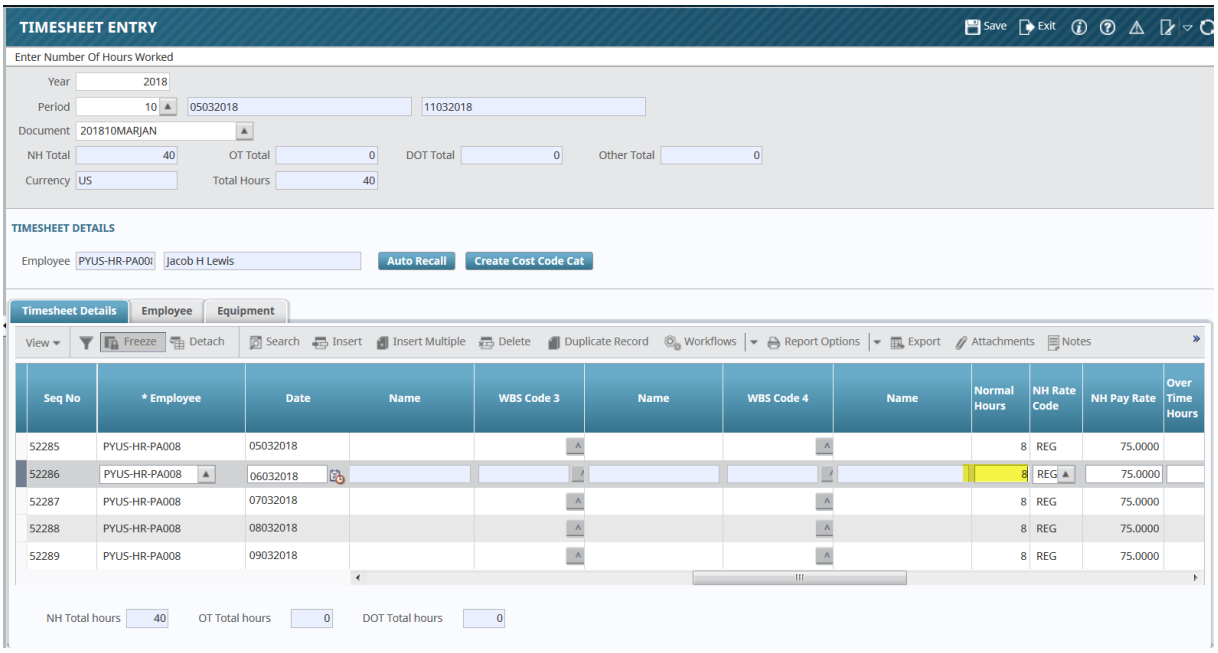


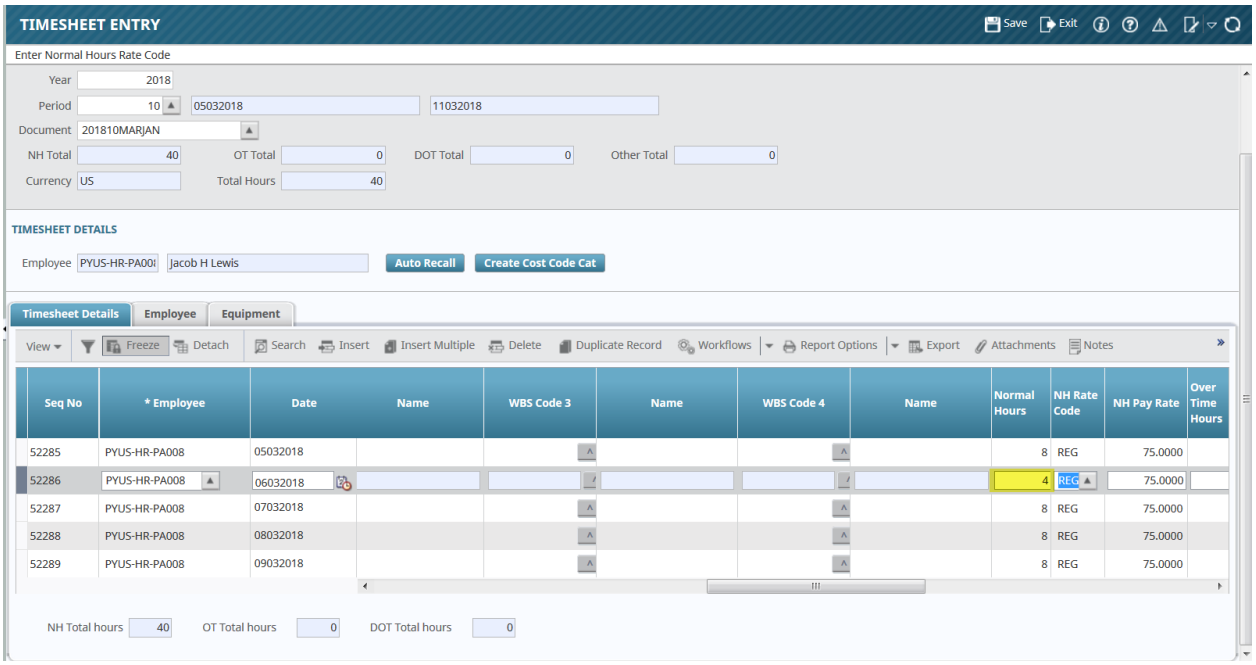

USER MAINTENANCE
Table Mode
Exit
USER
* User MARJAN
Save/Refresh
General
Assign Roles
System Privileges
Configuration Privileges
Consolidations Access
Company Access
Employee Security
Compliance Security
View
Freeze
Detach
Search
Workflows
Report Options
Export
ECM Documents
User Extensions
pye
* Code
* Name
Select
PYEDITINV
PY: Allows user to change system generated AP invoice code before cre
PYETIMEDIT
PY: Allows User to change E-Time data in Regular Timesheet
alert
Enterprise user MARJAN processed successfully.
OK


TIMESHEET ENTRY
Save
Exit
SELECTION CRITERIA
Company PYUS Marjan LOFT Construction USA
Pay Run MDWK Marjan Weekly
Year 2018
Period 10 05032018 11032018
Document 201810MARJAN
NH Total 40
OT Total 0
DOT Total 0
Other Total 0
Currency US
Total Hours 40
TIMESHEET DETAILS
Employee PYUS-HR-PA00 Jacob H Lewis
Auto Recall
Create Cost Code Cat
Timesheet Details
Employee
Equipment
View
Freeze
Detach
Search
Insert
Insert Multiple
Delete
Duplicate Record
Workflows
Report Options
Export
Attachments
Notes
Seq No
* Employee
Date
DT
Union
Trade
Shift
Comp.
Job/Dept/Eqp
CostCode/Acc /Compon
Cat./Tran
WBS Code 1
Name
52285 PYUS-HR-PA008 05032018 J 1634 PYUS BRIDGE-PRJ 01.00 1000
52286 PYUS-HR-PA008 06032018 J 163 PYUS BRIDGE-PRJ 01.00 1000
52287 PYUS-HR-PA008 07032018 J 1634 PYUS BRIDGE-PRJ 01.00 1000
52288 PYUS-HR-PA008 08032018 J 1634 PYUS BRIDGE-PRJ 01.00 1000
52289 PYUS-HR-PA008 09032018 J 1634 PYUS BRIDGE-PRJ 01.00 1000

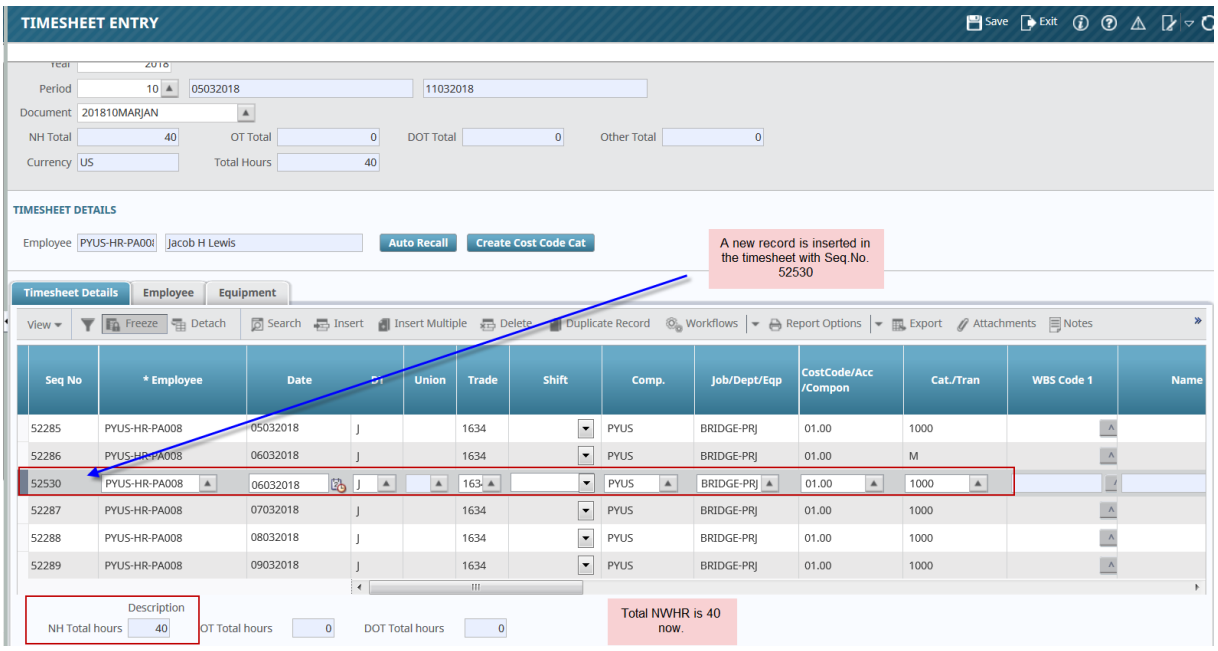
Sequence No. 52286 is modified at Cat/Tran level. Number of hours changed.



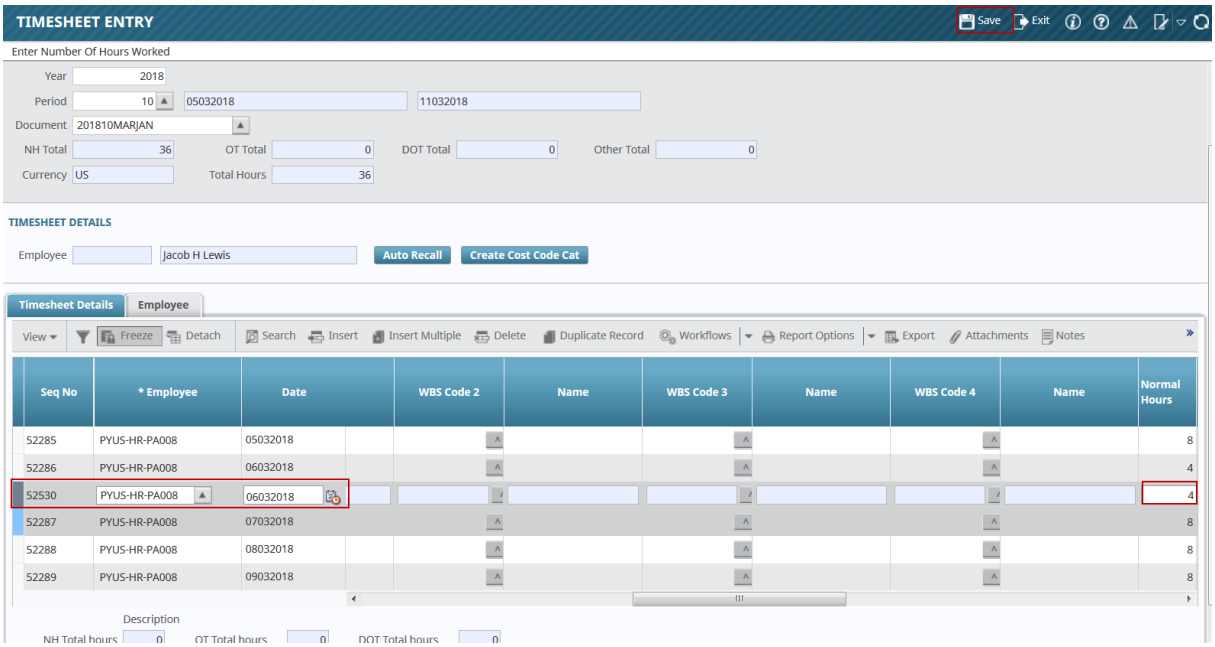




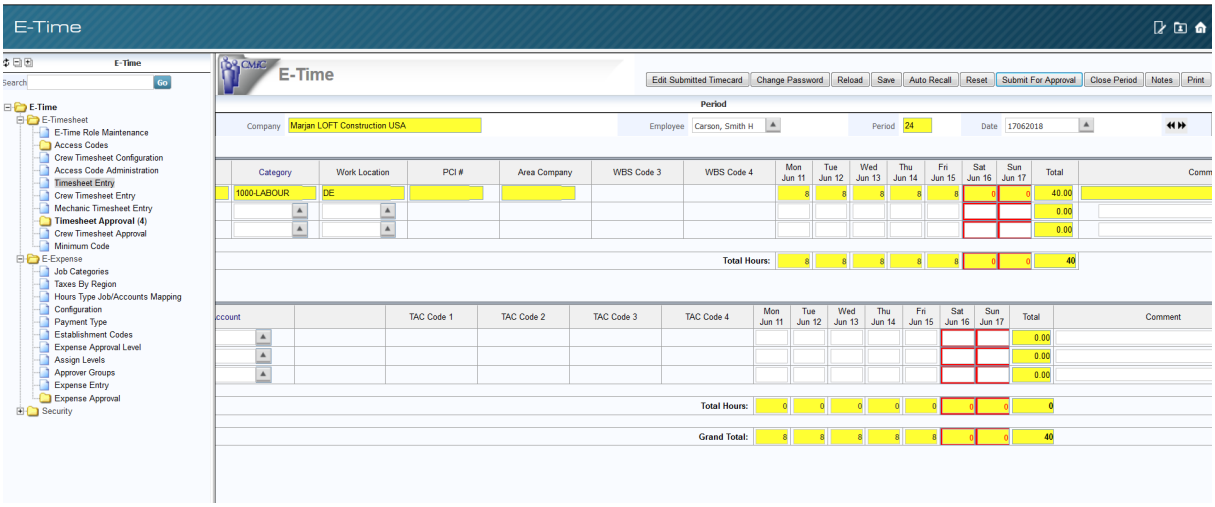
NOTE: User can insert a new record

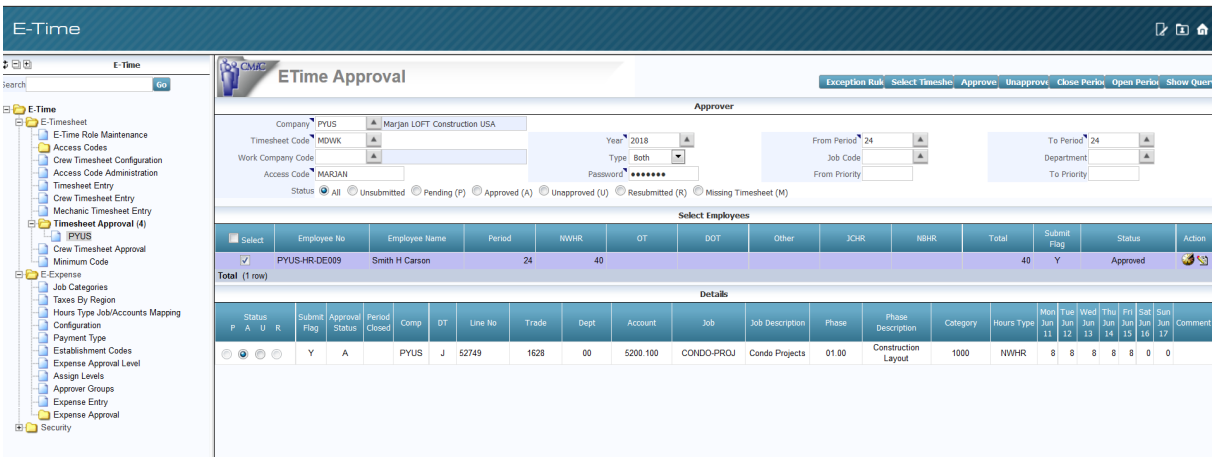


Regular Timesheet is saved and is available for posting.

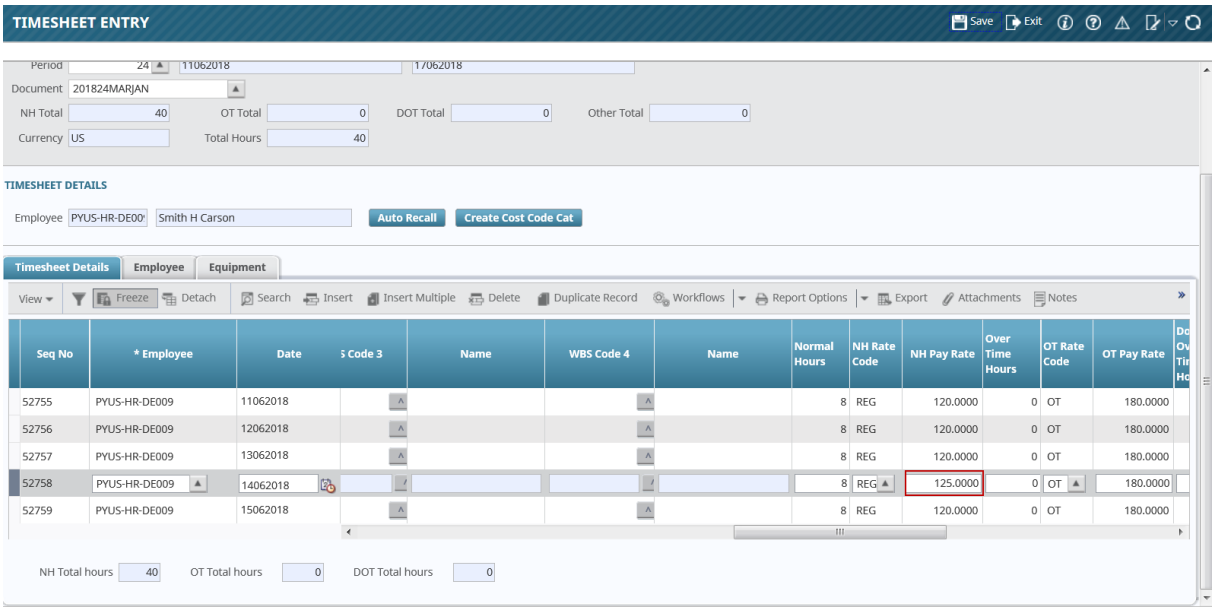


Entered E Timesheet and Approved from PYE.

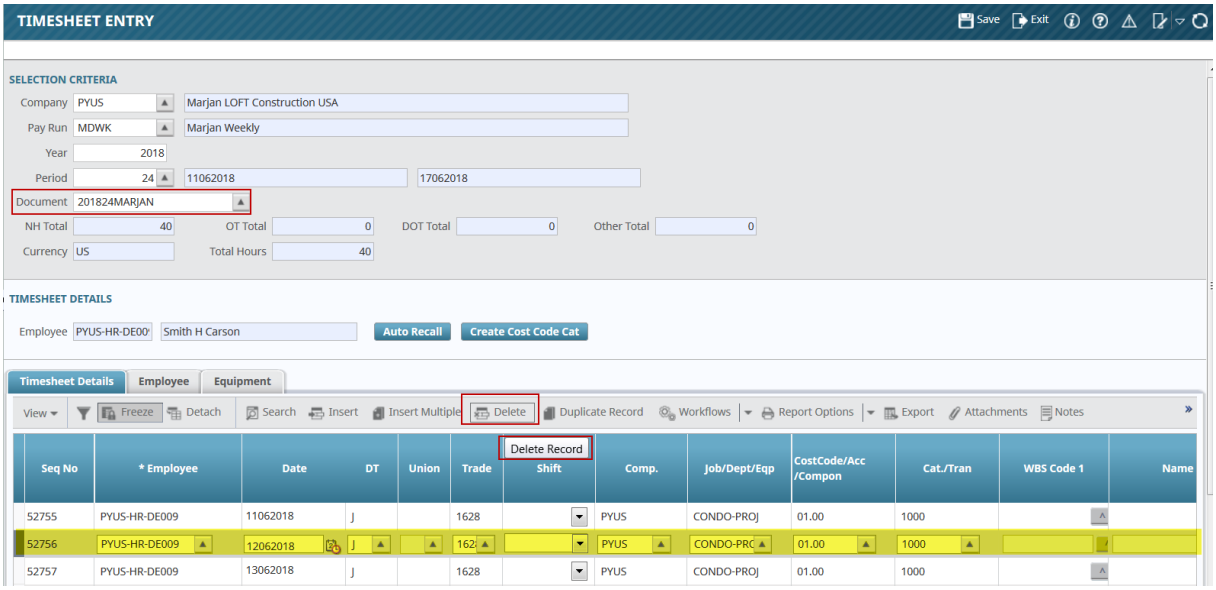


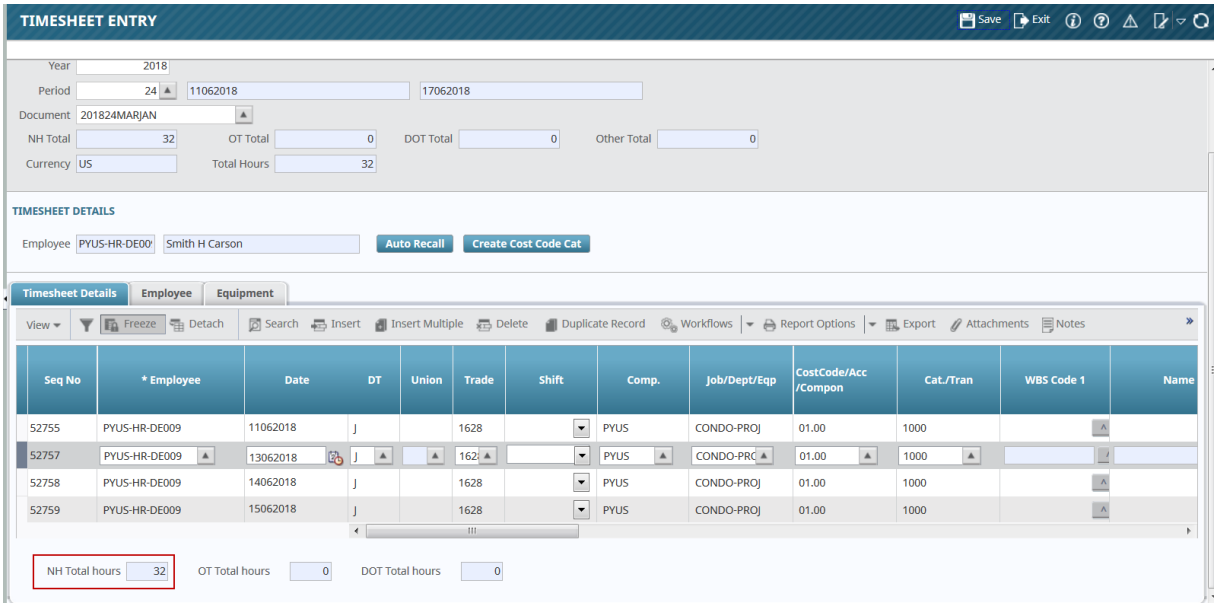


User can modify rates in regular timesheet.



User can delete records





Edited E Time in Regular Timesheet – Timesheet Edit List By Employee

PYUS - Marjan LOFT Construction USA
PAYROLL - TIMESHEET EDIT LIST BY EMPLOYEE

Page: 1 of 1
Date: 31052018
Time: 12:40 PM EDT

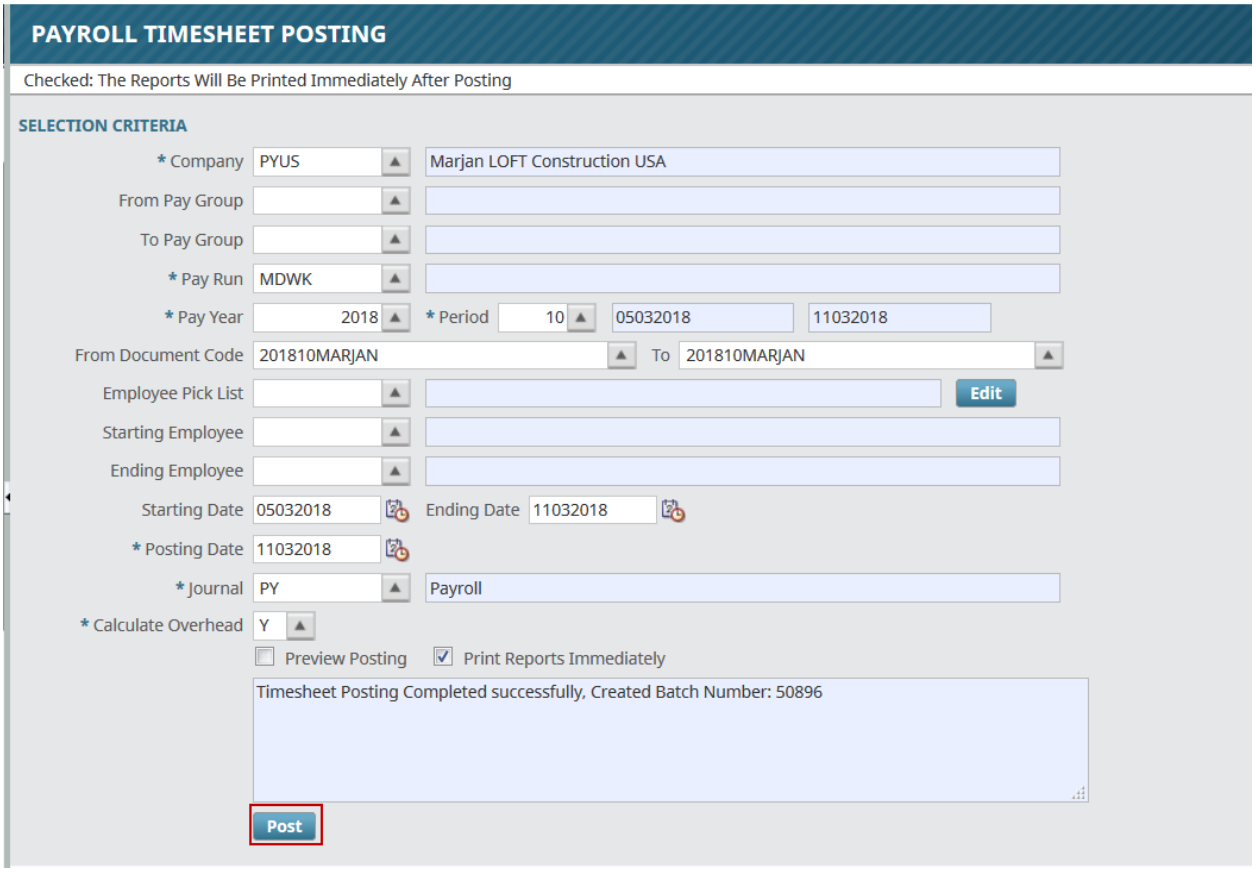
Date	Comp	TRN TYP	Job/Eqp/WO Code	Phase/ Equip. Cat.	Cat./Tr/ WO Exp	WCB Code	Union	Trade / Batch#	Work Loc.	Dept	Account	Tran Stat.	Rate Type/ Shift/Void Date	Expense Quantity	Hours	PayRate	Amount	Billable Rate	Billable Amount
Employee: PYUS-HR-PA008			**Jacob H Lewis**									**NWHR:**	**40**	**OVHR: 0**		**DTHR: 0**		**OTHR: 0**	
Period:	**10**																		
05-Mar-2018	PYUS	J	BRIDGE-PRJ	01.00	1000	5606		1634	PA	00	5200.100	N	Normal	0.00	8.00	75.000	600.00	75.000	600.00
			Bridges Project										All Shifts						
06-Mar-2018	PYUS	J	BRIDGE-PRJ	01.00	M	5606		1634	PA	00	5200.100	N	Normal	0.00	4.00	75.000	300.00	75.000	300.00
			Bridges Project										All Shifts						
06-Mar-2018	PYUS	J	BRIDGE-PRJ	01.00	1000	5606		1634	PA	00	5200.100	N	Normal	0.00	4.00	75.000	300.00	75.000	300.00
			Bridges Project										All Shifts						
07-Mar-2018	PYUS	J	BRIDGE-PRJ	01.00	1000	5606		1634	PA	00	5200.100	N	Normal	0.00	8.00	75.000	600.00	75.000	600.00
			Bridges Project										All Shifts						
08-Mar-2018	PYUS	J	BRIDGE-PRJ	01.00	1000	5606		1634	PA	00	5200.100	N	Normal	0.00	8.00	75.000	600.00	75.000	600.00
			Bridges Project										All Shifts						
09-Mar-2018	PYUS	J	BRIDGE-PRJ	01.00	1000	5606		1634	PA	00	5200.100	N	Normal	0.00	8.00	75.000	600.00	75.000	600.00
			Bridges Project										All Shifts						
														Period 10 Total:	40.00		3,000.00		3,000.00
														Employee Total:	40.00		3,000.00		3,000.00
														Grand Total:	40.00		3,000.00		3,000.00

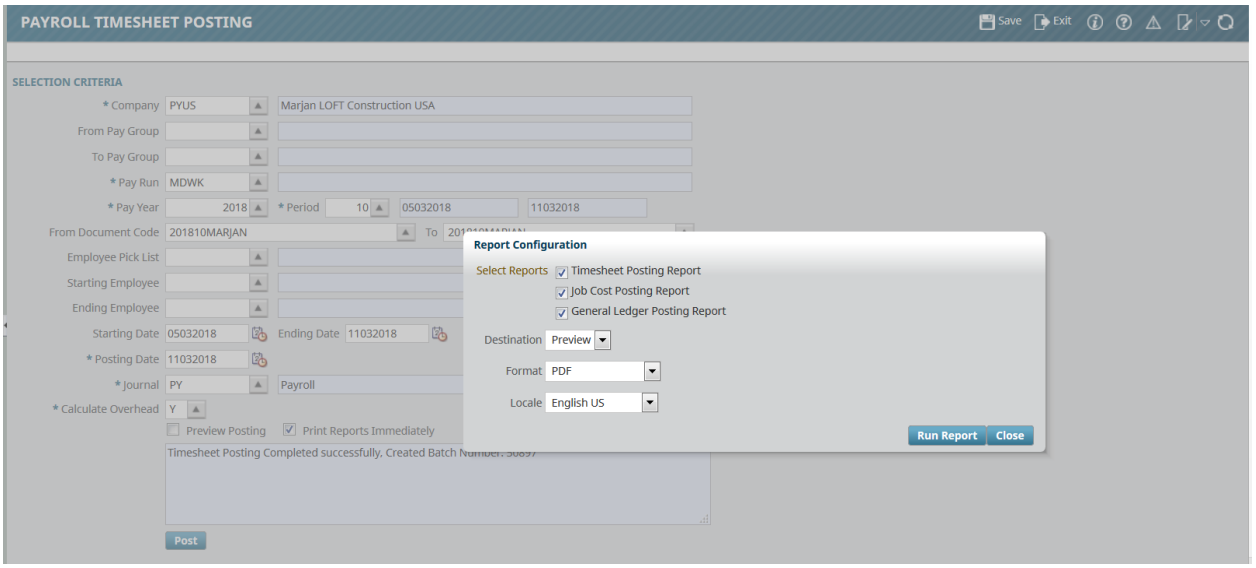
The edited and inserted records in regular timesheet entry screen.

Report Parameters

Company:	PYUS	From Document:	201810MARJAN	From Employee:		Run Date:	31052018
Pay Run Code:	MDWK	To Document:	201810MARJAN	To Employee:		Run Time:	12:40 PM EDT
Pay Group Code:		Rate Used:	Pay	Transaction Status:	Unposted	Operator:	MARJAN
Year:	2018	Employee Pick List:		Sort By:	Employee Code	Report Code:	PY1010
From Period:	10						
To Period:	10						

PY Timesheet Posting



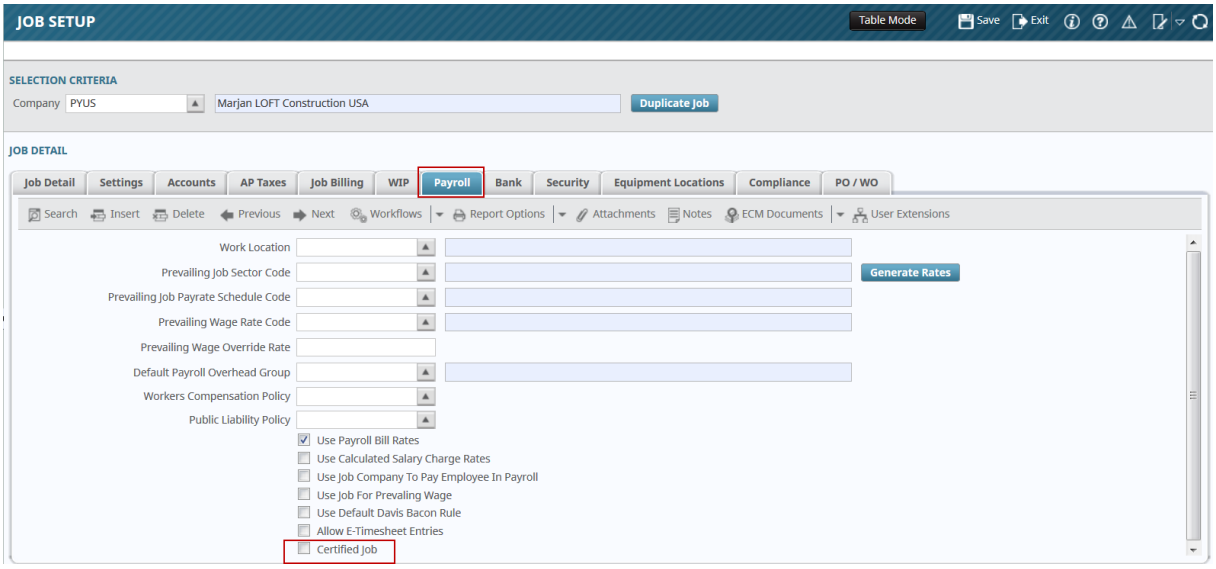


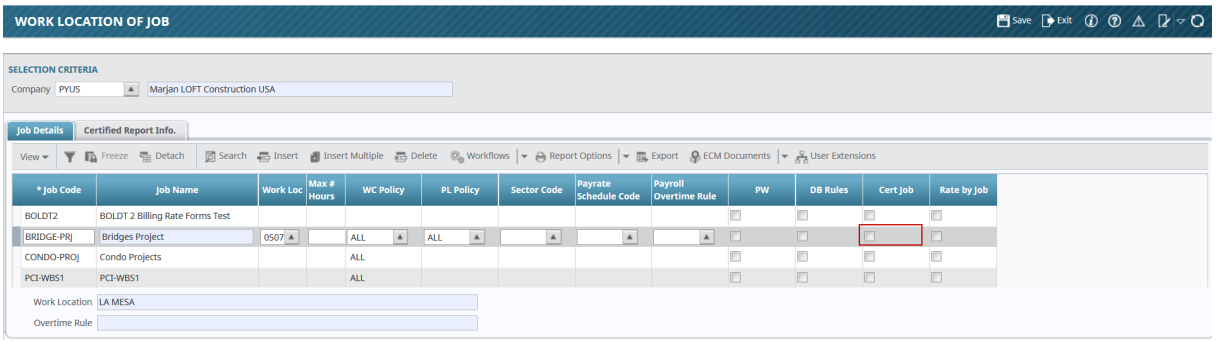
Certified Job Flag Enhancement Request (18.49515)

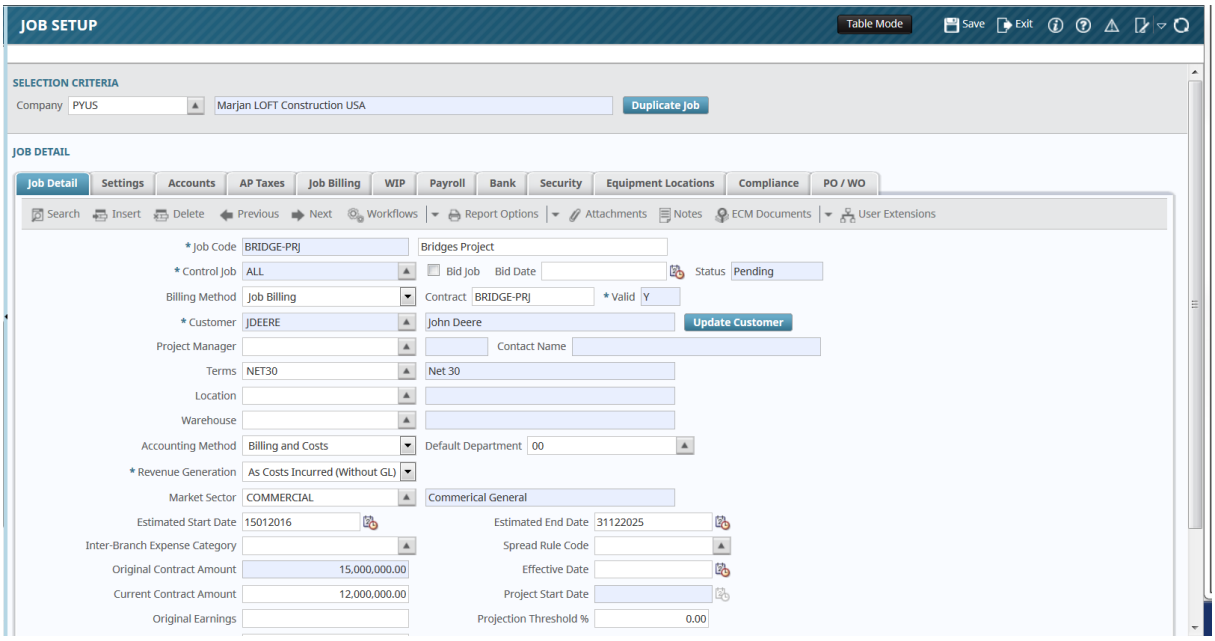
CMiC has added '**Cert Job**' flag under the Payroll tab of the Job Setup screen. After adding this column, the user will be able to set this check box as 'Checked' (if it's a certified job) when creating a Job. Related backend objects have also been modified to accommodate this enhancement.

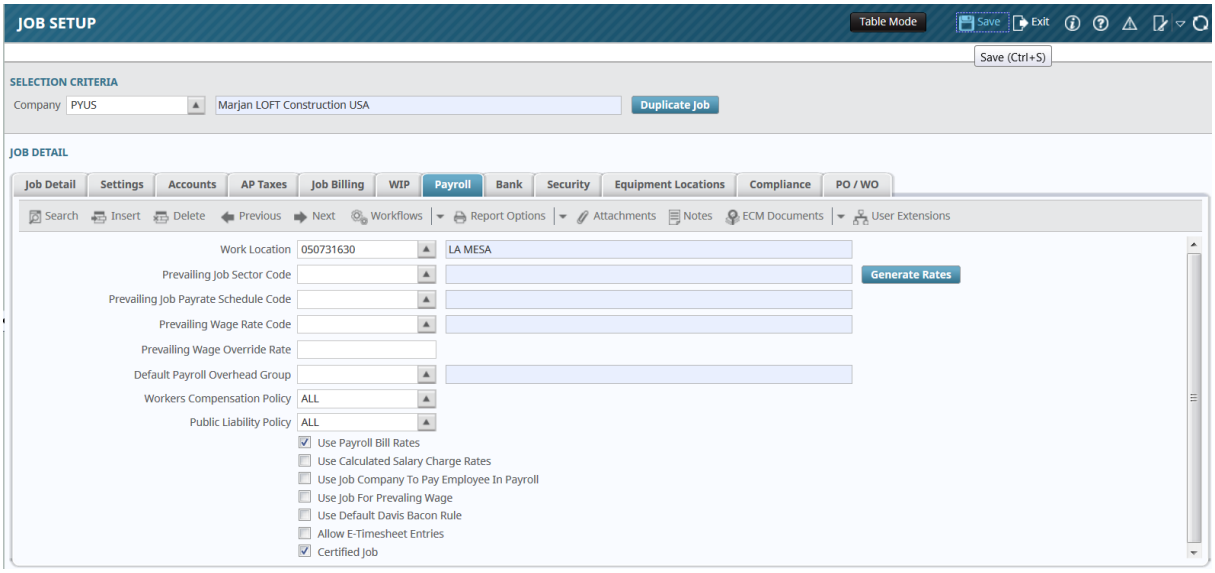
The 'Job Work Location Maintenance' screen will automatically reflect "Cert Job" flag as per above setup.

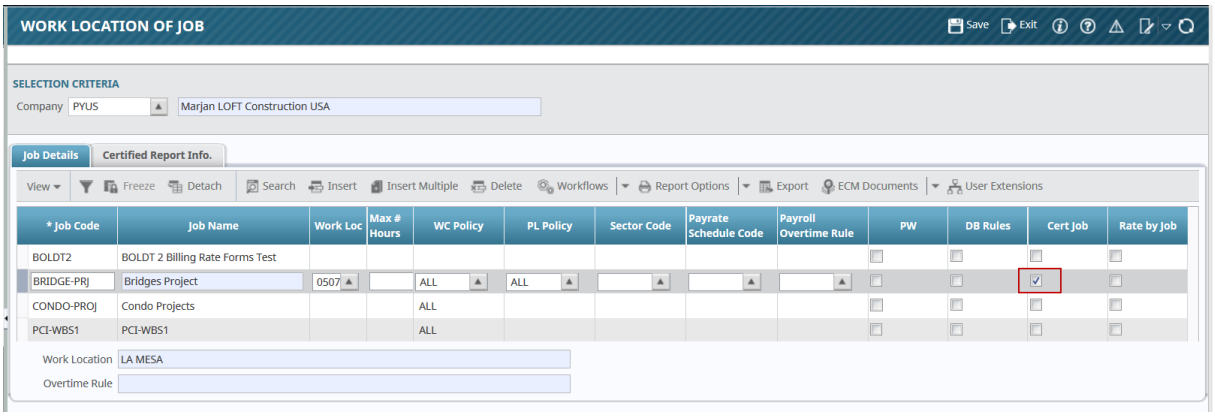
NOTE: **'Cert Job'** flag column is also included in the Duplicate Job functionality.

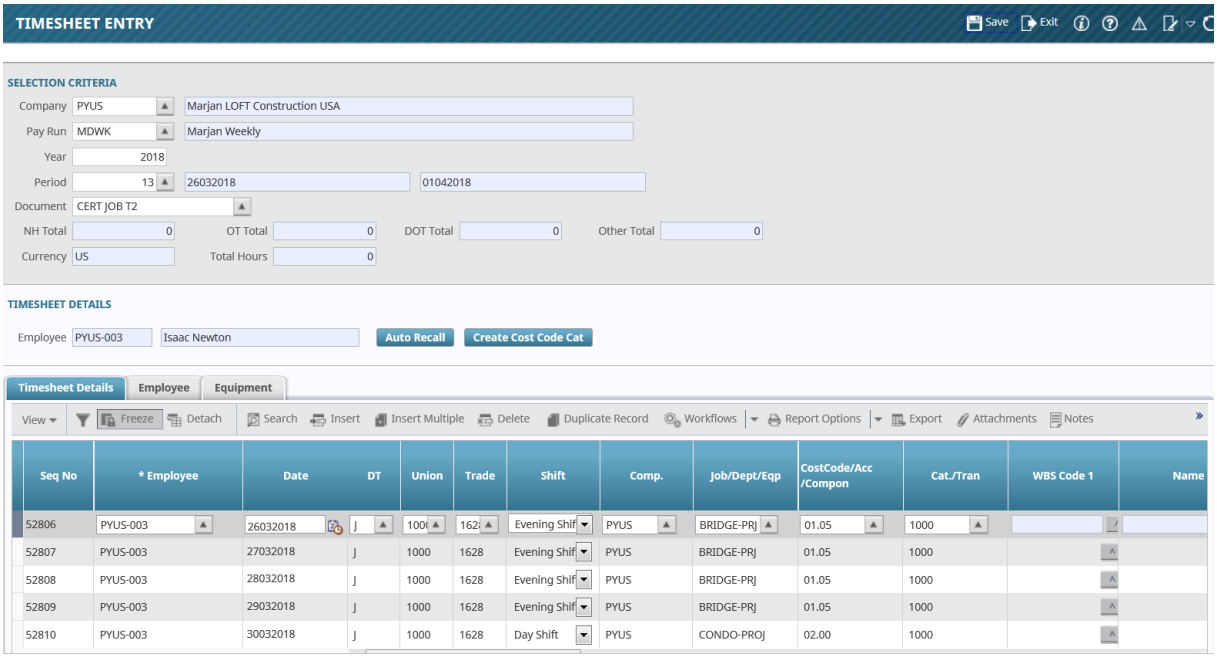




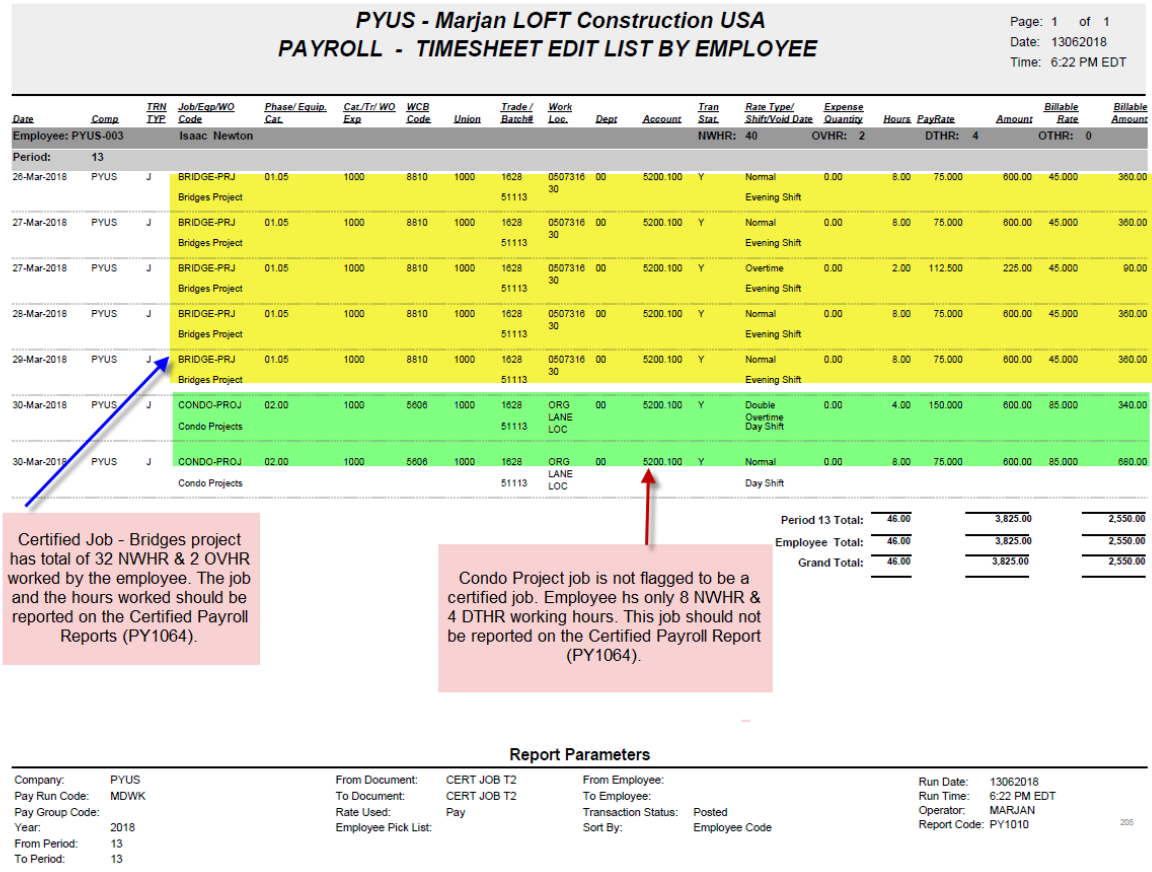

JOB SETUP
Table Mode
Save
Exit
SELECTION CRITERIA
Company PYUS
Marjan LOFT Construction USA
Duplicate Job
JOB DETAIL
Job Detail
Settings
Accounts
AP Taxes
Job Billing
WIP
Payroll
Bank
Security
Equipment Locations
Compliance
PO / WO
Search
Insert
Delete
Previous
Next
Workflows
Report Options
Attachments
Notes
ECM Documents
User Extensions
* Job Code BRIDGE-PRJ
Bridges Project
* Control Job ALL
Bid Job
Bid Date
Status Pending
Billing Method Job Billing
Contract BRIDGE-PRJ
* Valid Y
* Customer JDEERE
John Deere
Update Customer
Project Manager
Contact Name
Terms NET30
Net 30
Location
Warehouse
Accounting Method Billing and Costs
Default Department 00
* Revenue Generation As Costs Incurred (Without GL)
Market Sector COMMERCIAL
Commerical General
Estimated Start Date 15012016
Estimated End Date 31122025
Inter-Branch Expense Category
Spread Rule Code
Original Contract Amount 15,000,000.00
Effective Date
Current Contract Amount 12,000,000.00
Project Start Date
Original Earnings
Projection Threshold % 0.00


JOB SETUP
Table Mode
Save
Exit
Save (Ctrl+S)
SELECTION CRITERIA
Company PYUS
Marjan LOFT Construction USA
Duplicate Job
JOB DETAIL
Job Detail
Settings
Accounts
AP Taxes
Job Billing
WIP
Payroll
Bank
Security
Equipment Locations
Compliance
PO / WO
Search
Insert
Delete
Previous
Next
Workflows
Report Options
Attachments
Notes
ECM Documents
User Extensions
Work Location 050731630
LA MESA
Prevailing Job Sector Code
Generate Rates
Prevailing Job Payrate Schedule Code
Prevailing Wage Rate Code
Prevailing Wage Override Rate
Default Payroll Overhead Group
Workers Compensation Policy ALL
Public Liability Policy ALL
Use Payroll Bill Rates
Use Calculated Salary Charge Rates
Use Job Company To Pay Employee In Payroll
Use Job For Prevaling Wage
Use Default Davis Bacon Rule
Allow E-Timesheet Entries
Certified Job


WORK LOCATION OF JOB
Save
Exit
SELECTION CRITERIA
Company PYUS
Marjan LOFT Construction USA
Job Details
Certified Report Info.
View
Freeze
Detach
Search
Insert
Insert Multiple
Delete
Workflows
Report Options
Export
ECM Documents
User Extensions
* Job Code
Job Name
Work Loc
Max # Hours
WC Policy
PL Policy
Sector Code
Payrate Schedule Code
Payroll Overtime Rule
PW
DB Rules
Cert Job
Rate by Job
BOLDT2
BOLDT 2 Billing Rate Forms Test
BRIDGE-PRJ
Bridges Project
0507
ALL
ALL
CONDO-PROJ
Condo Projects
ALL
PCI-WBS1
PCI-WBS1
ALL
Work Location
LA MESA
Overtime Rule


TIMESHEET ENTRY
Save
Exit
SELECTION CRITERIA
Company PYUS
Marjan LOFT Construction USA
Pay Run MDWK
Marjan Weekly
Year 2018
Period 13
26032018
01042018
Document CERT JOB T2
NH Total 0
OT Total 0
DOT Total 0
Other Total 0
Currency US
Total Hours 0
TIMESHEET DETAILS
Employee PYUS-003
Isaac Newton
Auto Recall
Create Cost Code Cat
Timesheet Details
Employee
Equipment
View
Freeze
Detach
Search
Insert
Insert Multiple
Delete
Duplicate Record
Workflows
Report Options
Export
Attachments
Notes
Seq No
* Employee
Date
DT
Union
Trade
Shift
Comp.
Job/Dept/Eqp
CostCode/Acc /Compon
Cat./Tran
WBS Code 1
Name
52806 PYUS-003 26032018 J 1000 1628 Evening Shif PYUS BRIDGE-PRJ 01.05 1000
52807 PYUS-003 27032018 J 1000 1628 Evening Shif PYUS BRIDGE-PRJ 01.05 1000
52808 PYUS-003 28032018 J 1000 1628 Evening Shif PYUS BRIDGE-PRJ 01.05 1000
52809 PYUS-003 29032018 J 1000 1628 Evening Shif PYUS BRIDGE-PRJ 01.05 1000
52810 PYUS-003 30032018 J 1000 1628 Day Shift PYUS CONDO-PROJ 02.00 1000

Employee Timesheet Edit Listing



PYUS - Marjan LOFT Construction USA
PAYROLL - TIMESHEET EDIT LIST BY EMPLOYEE

Page: 1 of 1
Date: 13062018
Time: 6:22 PM EDT

Date	Comp	TRN TYP	Job/Eqp/WO Code	Phase/ Equip. Cat.	Cat./Tr/ WO Exp	WCB Code	Union	Trade / Batch#	Work Loc.	Dept	Account	Tran Stat.	Rate Type/ Shift/Void Date	Expense Quantity	Hours	PayRate	Amount	Billable Rate	Billable Amount
Employee: PYUS-003			Isaac Newton									NWHR:	40	OVHR: 2		DTHR: 4		OTHR: 0	
Period:	13																		
26-Mar-2018	PYUS	J	BRIDGE-PRJ Bridges Project	01.05	1000	8810	1000	1628 51113	0507316 30	00	5200.100	Y	Normal Evening Shift	0.00	8.00	75.000	600.00	45.000	360.00
27-Mar-2018	PYUS	J	BRIDGE-PRJ Bridges Project	01.05	1000	8810	1000	1628 51113	0507316 30	00	5200.100	Y	Normal Evening Shift	0.00	8.00	75.000	600.00	45.000	360.00
27-Mar-2018	PYUS	J	BRIDGE-PRJ Bridges Project	01.05	1000	8810	1000	1628 51113	0507316 30	00	5200.100	Y	Overtime Evening Shift	0.00	2.00	112.500	225.00	45.000	90.00
28-Mar-2018	PYUS	J	BRIDGE-PRJ Bridges Project	01.05	1000	8810	1000	1628 51113	0507316 30	00	5200.100	Y	Normal Evening Shift	0.00	8.00	75.000	600.00	45.000	360.00
29-Mar-2018	PYUS	J	BRIDGE-PRJ Bridges Project	01.05	1000	8810	1000	1628 51113	0507316 30	00	5200.100	Y	Normal Evening Shift	0.00	8.00	75.000	600.00	45.000	360.00
30-Mar-2018	PYUS	J	CONDO-PROJ Condo Projects	02.00	1000	5606	1000	1628 51113	ORG LANE LOC	00	5200.100	Y	Double Overtime Day Shift	0.00	4.00	150.000	600.00	85.000	340.00
30-Mar-2018	PYUS	J	CONDO-PROJ Condo Projects	02.00	1000	5606	1000	1628 51113	ORG LANE LOC	00	5200.100	Y	Normal Day Shift	0.00	8.00	75.000	600.00	85.000	680.00
													Period 13 Total:		46.00		3,825.00		2,550.00
													Employee Total:		46.00		3,825.00		2,550.00
													Grand Total:		46.00		3,825.00		2,550.00

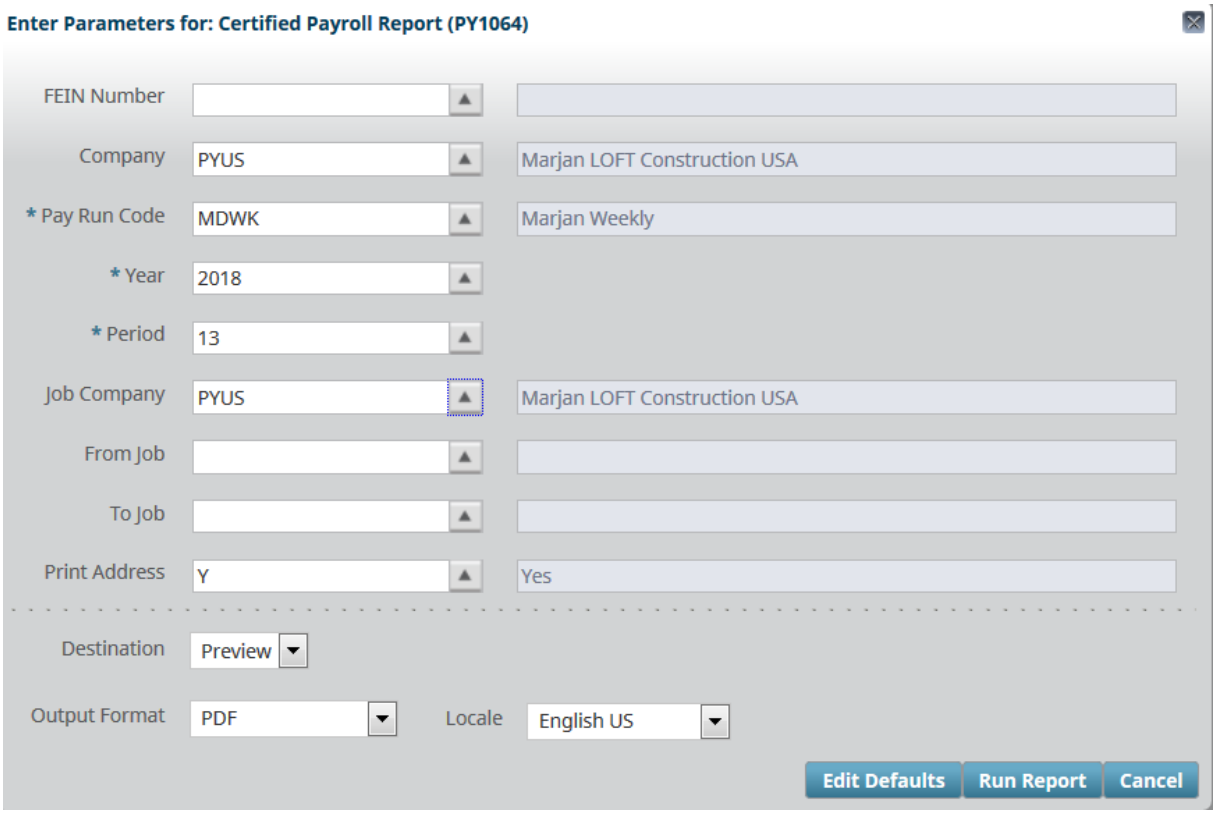
Certified Job - Bridges project has total of 32 NWHR & 2 OVHR worked by the employee. The job and the hours worked should be reported on the Certified Payroll Reports (PY1064).

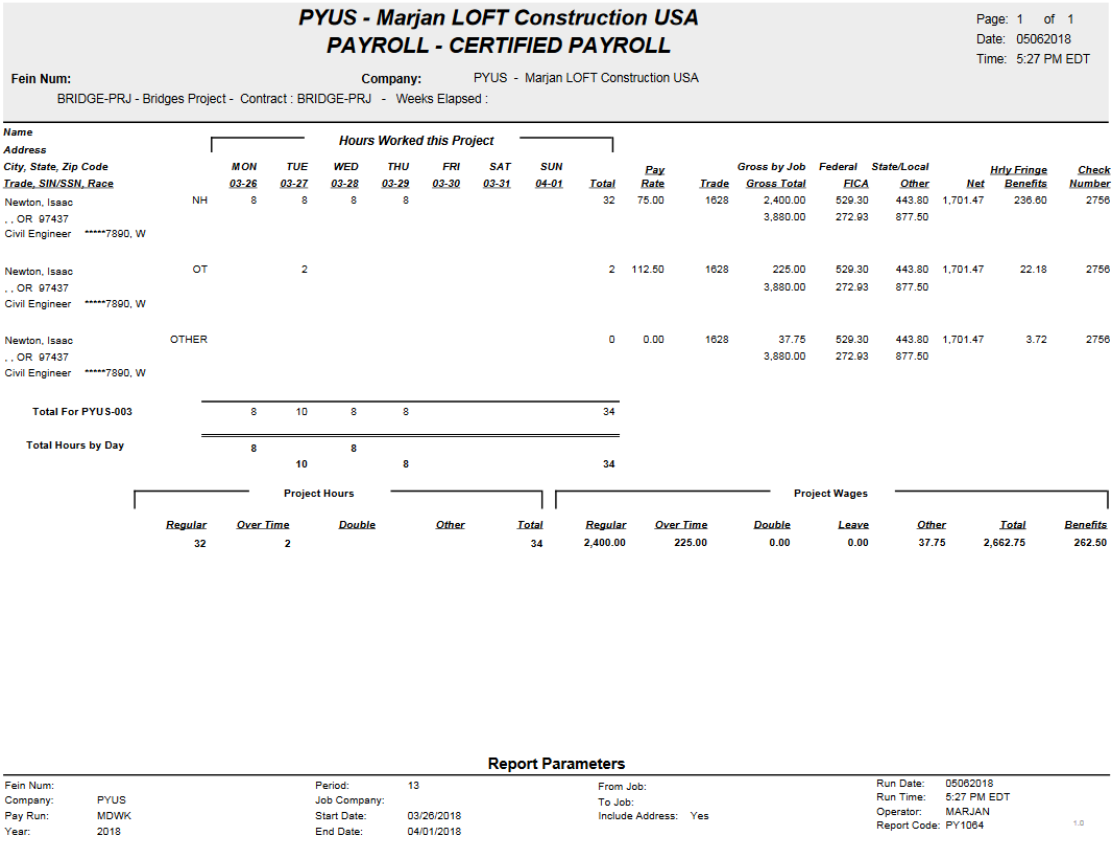
Condo Project job is not flagged to be a certified job. Employee hs only 8 NWHR & 4 DTHR working hours. This job should not be reported on the Certified Payroll Report (PY1064).

Report Parameters

Company:	PYUS	From Document:	CERT JOB T2	From Employee:		Run Date:	13062018
Pay Run Code:	MDWK	To Document:	CERT JOB T2	To Employee:		Run Time:	6:22 PM EDT
Pay Group Code:		Rate Used:	Pay	Transaction Status:	Posted	Operator:	MARJAN
Year:	2018	Employee Pick List:		Sort By:	Employee Code	Report Code:	PY1010
From Period:	13						
To Period:	13						

Timesheet is posted. Generating Certified Payroll Report





PYUS - Marjan LOFT Construction USA
PAYROLL - CERTIFIED PAYROLL

Page: 1 of 1
Date: 05062018
Time: 5:27 PM EDT

Fein Num: **Company:** PYUS - Marjan LOFT Construction USA
BRIDGE-PRJ - Bridges Project - Contract : BRIDGE-PRJ - Weeks Elapsed :

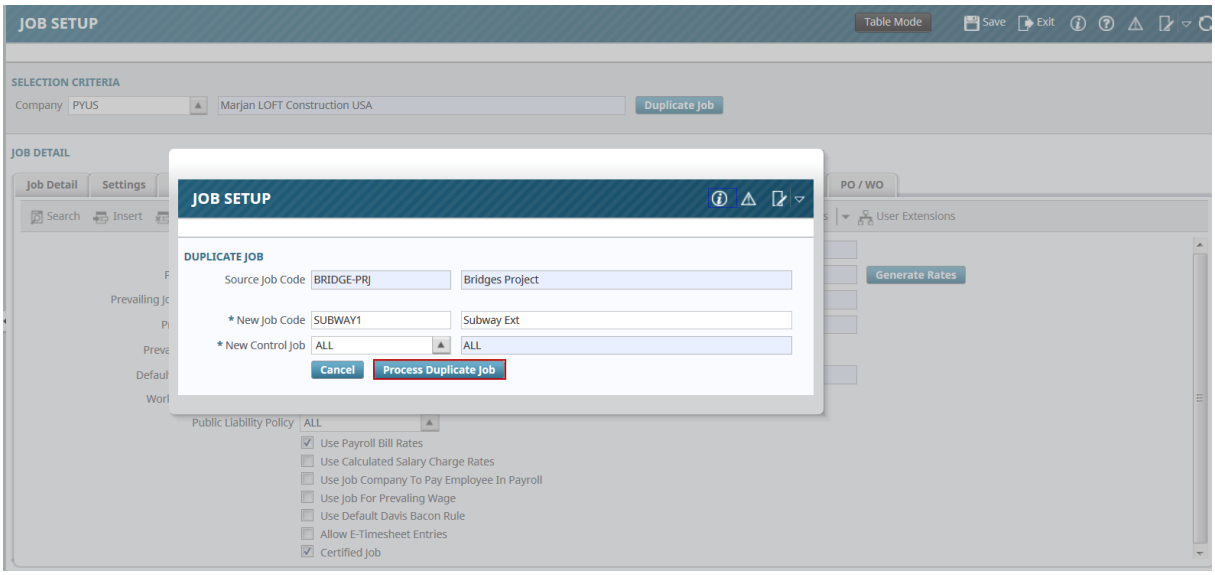
Name / Address / City, State, Zip Code / Trade, SIN/SSN, Race		Hours Worked this Project MON 03-26	TUE 03-27	WED 03-28	THU 03-29	FRI 03-30	SAT 03-31	SUN 04-01	Total	Pay Rate	Trade	Gross by Job Gross Total	Federal FICA	State/Local Other	Net	Hrly Fringe Benefits	Check Number
Newton, Isaac , , OR 97437 Civil Engineer *****7890, W	NH	8	8	8	8				32	75.00	1628	2,400.00 3,880.00	529.30 272.93	443.80 877.50	1,701.47	236.60	2756
Newton, Isaac , , OR 97437 Civil Engineer *****7890, W	OT		2						2	112.50	1628	225.00 3,880.00	529.30 272.93	443.80 877.50	1,701.47	22.18	2756
Newton, Isaac , , OR 97437 Civil Engineer *****7890, W	OTHER								0	0.00	1628	37.75 3,880.00	529.30 272.93	443.80 877.50	1,701.47	3.72	2756
Total For PYUS-003		8	10	8	8				34								
Total Hours by Day		8	10	8	8				34								

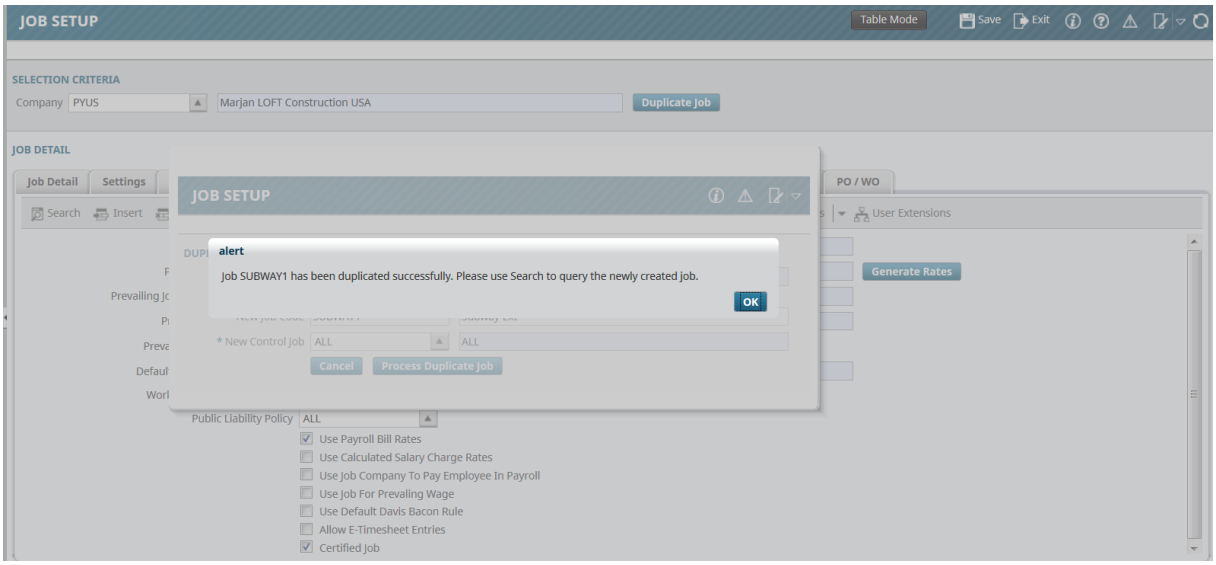
Project Hours Regular	Over Time	Double	Other	Total	Project Wages Regular	Over Time	Double	Leave	Other	Total	Benefits
32	2			34	2,400.00	225.00	0.00	0.00	37.75	2,662.75	262.50

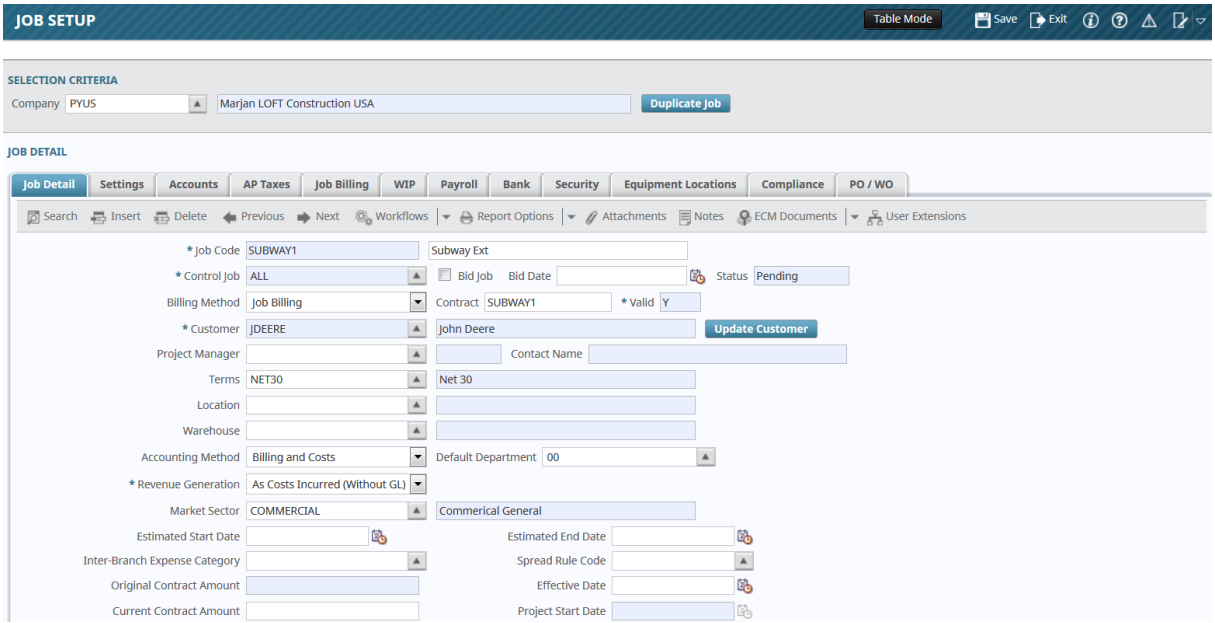
Report Parameters

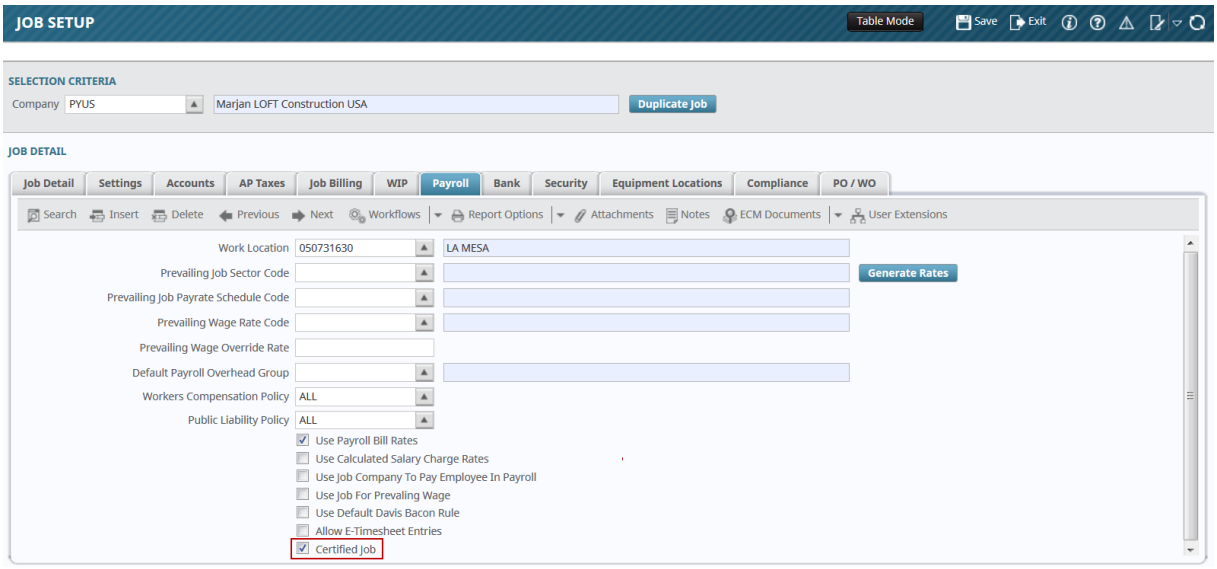
Fein Num:		Period:	13	From Job:		Run Date:	05062018
Company:	PYUS	Job Company:		To Job:		Run Time:	5:27 PM EDT
Pay Run:	MDWK	Start Date:	03/26/2018	Include Address:	Yes	Operator:	MARJAN
Year:	2018	End Date:	04/01/2018			Report Code:	PY1064

Duplicate Job Functionality – Certified Job Flag added




JOB SETUP
Table Mode
Save
Exit
SELECTION CRITERIA
Company PYUS
Marjan LOFT Construction USA
Duplicate Job
JOB DETAIL
Job Detail
Settings
PO / WO
Search
Insert
User Extensions
Generate Rates
JOB SETUP
alert
Job SUBWAY1 has been duplicated successfully. Please use Search to query the newly created job.
OK
* New Control Job
ALL
Cancel
Process Duplicate Job
Public Liability Policy
ALL
Use Payroll Bill Rates
Use Calculated Salary Charge Rates
Use Job Company To Pay Employee In Payroll
Use Job For Prevaling Wage
Use Default Davis Bacon Rule
Allow E-Timesheet Entries
Certified Job


JOB SETUP
Table Mode
Save
Exit
SELECTION CRITERIA
Company PYUS
Marjan LOFT Construction USA
Duplicate Job
JOB DETAIL
Job Detail
Settings
Accounts
AP Taxes
Job Billing
WIP
Payroll
Bank
Security
Equipment Locations
Compliance
PO / WO
Search
Insert
Delete
Previous
Next
Workflows
Report Options
Attachments
Notes
ECM Documents
User Extensions
* Job Code SUBWAY1
Subway Ext
* Control Job ALL
Bid Job
Bid Date
Status Pending
Billing Method Job Billing
Contract SUBWAY1
* Valid Y
* Customer JDEERE
John Deere
Update Customer
Project Manager
Contact Name
Terms NET30
Net 30
Location
Warehouse
Accounting Method Billing and Costs
Default Department 00
* Revenue Generation As Costs Incurred (Without GL)
Market Sector COMMERCIAL
Commerical General
Estimated Start Date
Estimated End Date
Inter-Branch Expense Category
Spread Rule Code
Original Contract Amount
Effective Date
Current Contract Amount
Project Start Date



Check Distribution User Extension Field - Employee Profile (18.51204)

Add new validated User Extension field in Employee Profile Maintenance for Check Distribution.

Changes have been applied in both ADF and FORMS version

CMiC has added a new User Extension as 'Check Distribution' on Employee Profile for Webcor. User will be able to enter Valid/Acceptable Values to this new UE by using 'Validate Data' option available on the User Extensions Maintenance. This UE setup screen will include: Check Distribution field, Description, and Responsible PC Name fields. The new Employee UE is used as a Mail Code Check Distribution and will only replace the employee(s) Home Department.

CMiC has created a file to auto generate a Check Distribution (CHKDIST) User Extension in Employee profile. UE in Employee Profile can be used with valid values and/or Free Form Text.

Option 1: If the user would like to utilize valid data values, then user has to enter and define the valid data for Check DistCode and Check Dist PC under UE Field and UE Table Maintenance, in order to assign these values in the Check Distribution UE under employee profile.

Option 2: User can also directly enter values in the Check Distribution UE Employee Profile and use it as a Free Form Text, that would not require to validate data.

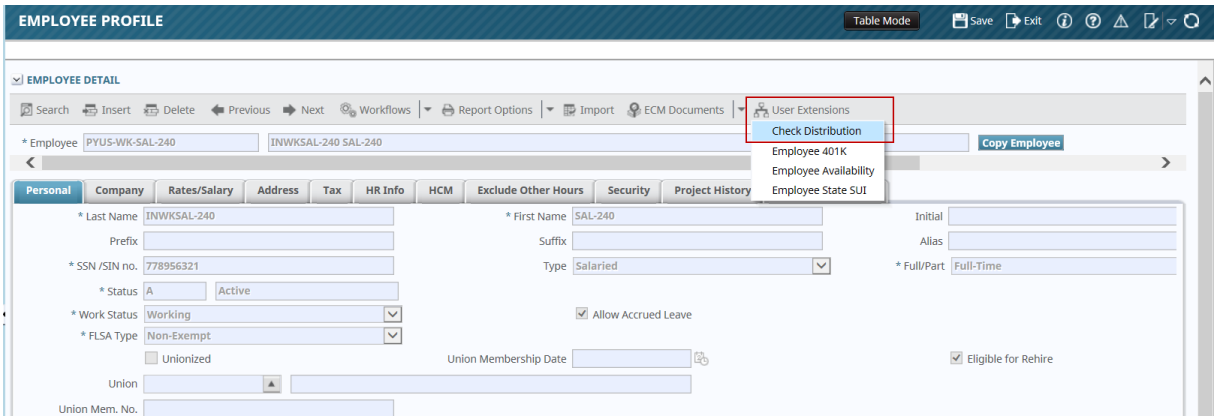
In Check Processing, Employees and Employees Picklist have been modified to add/join User extension table UETD_CHKDIST.

Payroll Check Print to Print and Sort from Home Department to new Check Distribution (UE) setup accordingly:

If Employee's is setup with Check Dist Code, then it will use the UE values, if employee UE Check Dist Code does not exist, then it will take the Employee Home Department.

In addition to above, the standard Check Processing screen will be modified to add a new Process Check (Sort By) option:

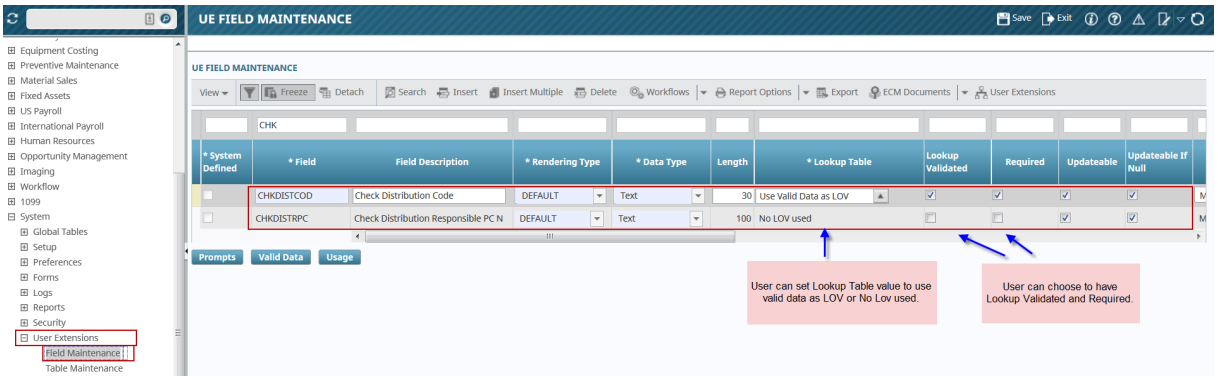
'Sort By Last Name, First Name, Middle Initial'.

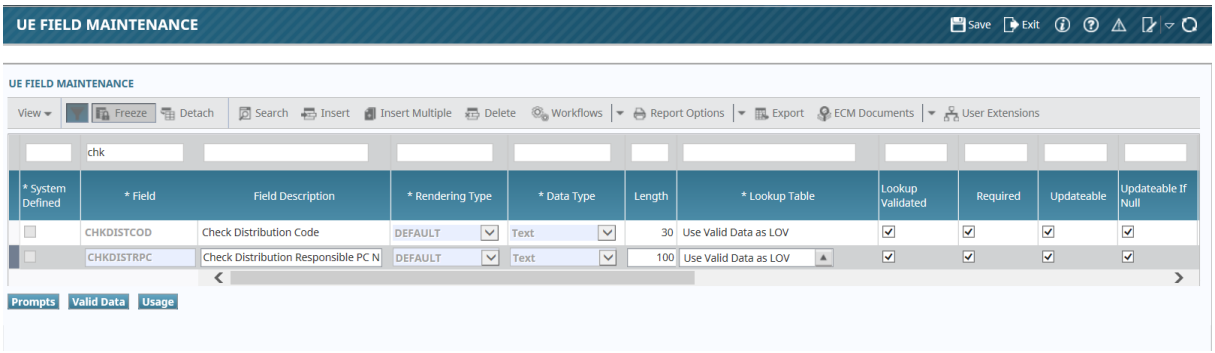


Define valid data for CHEKDISTCOD and CHKDISTRPC in UE Field Maintenance:

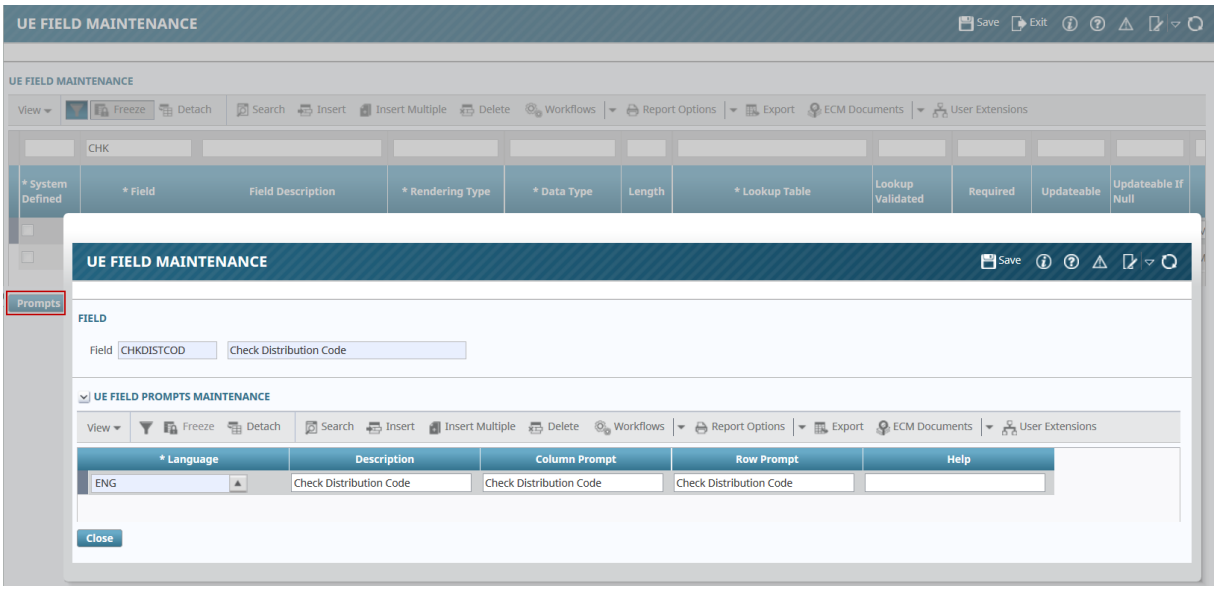
Systems > User Extensions > UE Field Maintenace

UE Field Maitenance



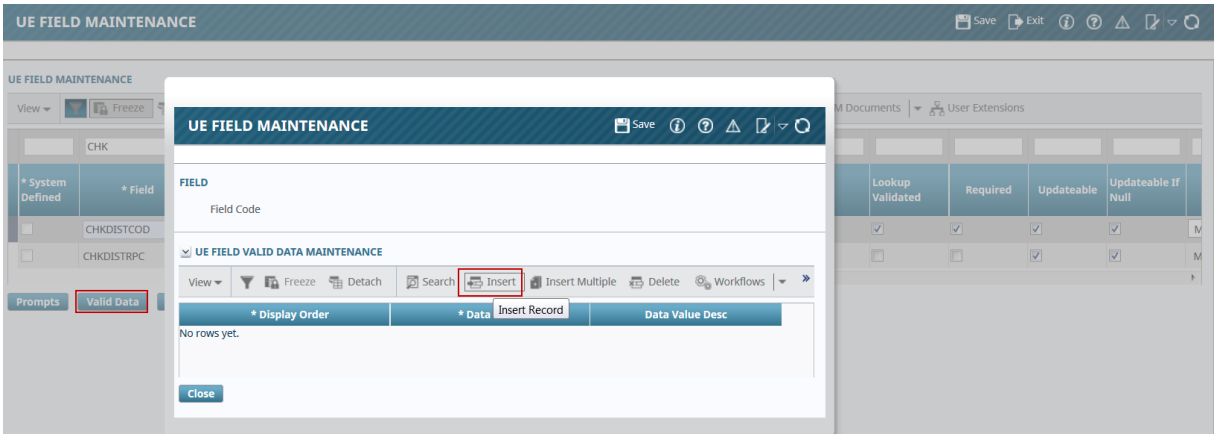


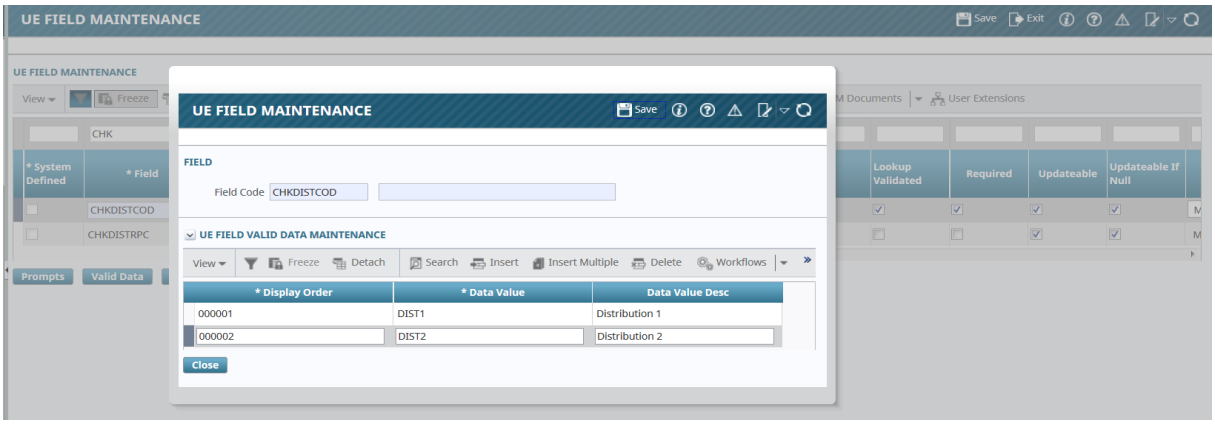
Check Distribution Code - Prompts



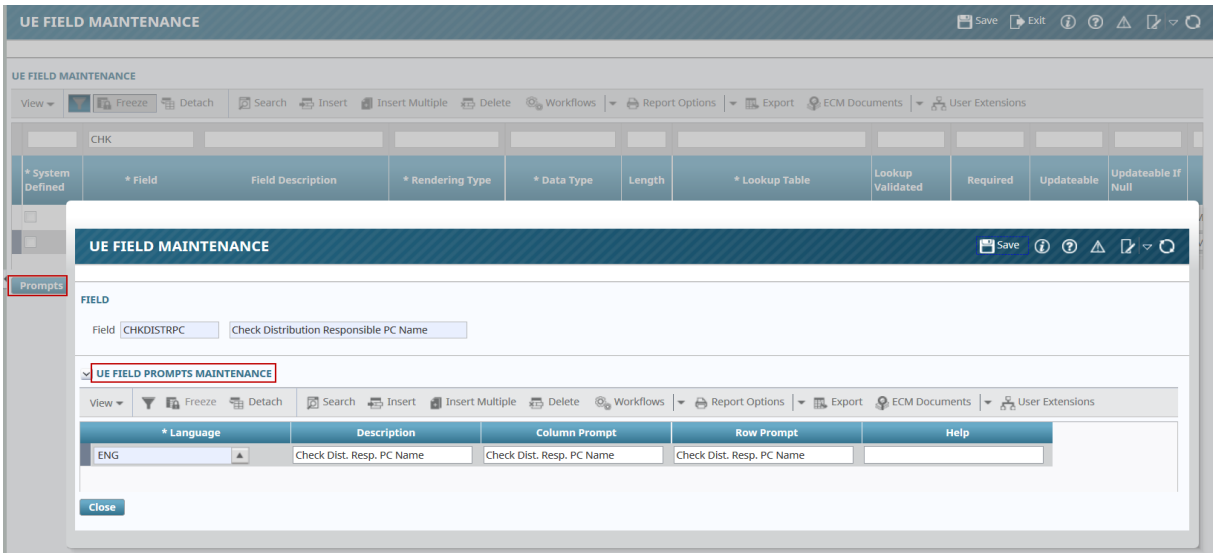
Check Distribution Code – Valid Data

Insert Record and enter the valid data value and save record



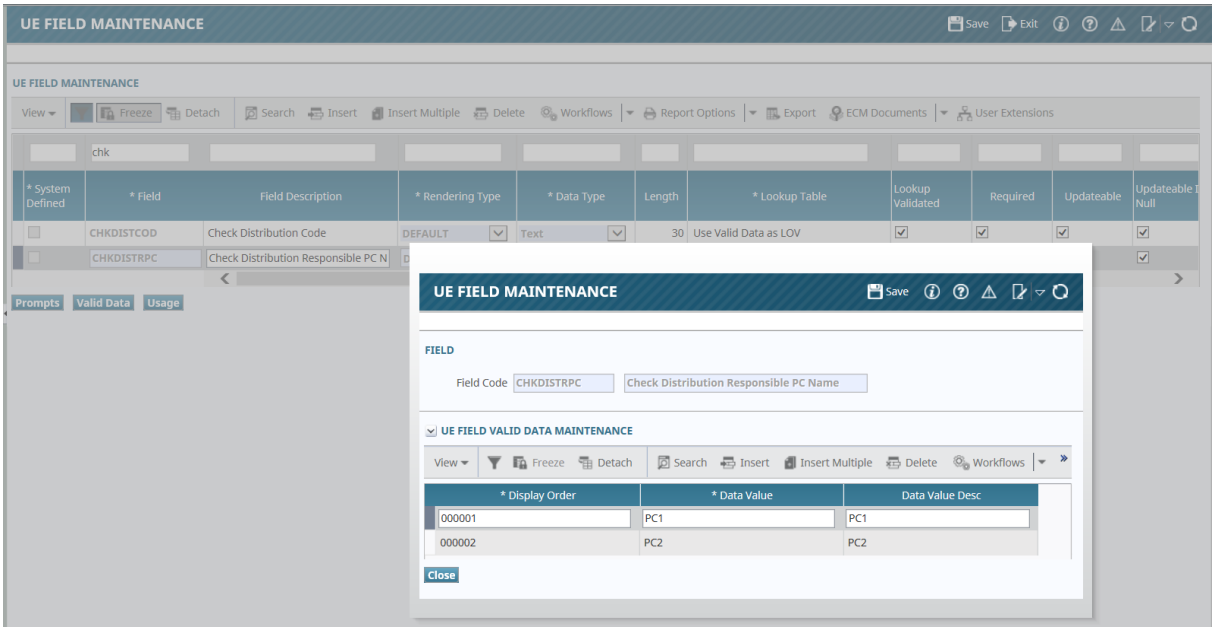


Check Distribution Responsible Person – Prompts



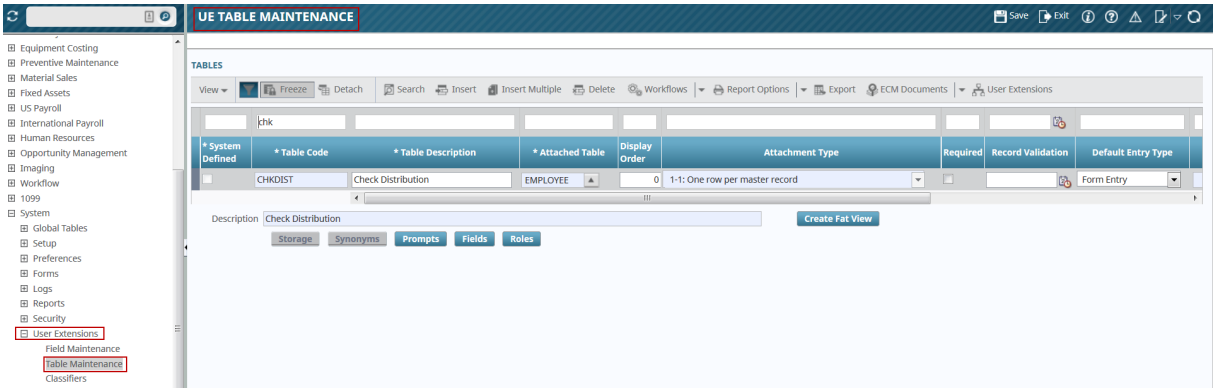
Check Distribution Responsible Person – Valid Data

Insert record and enter data values

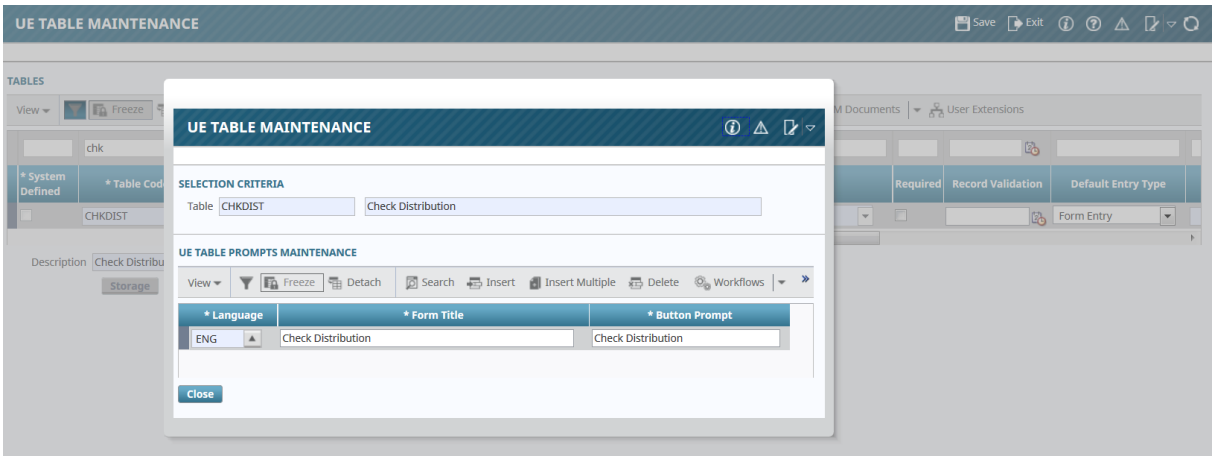


UE Table Maintenance

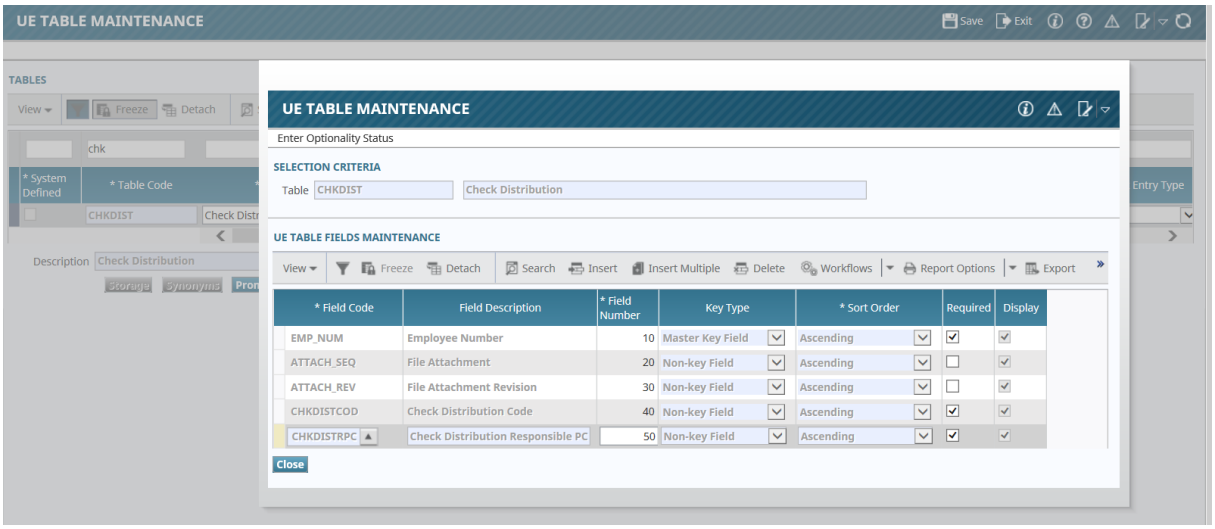
CHKDIST – Check Distribution Table



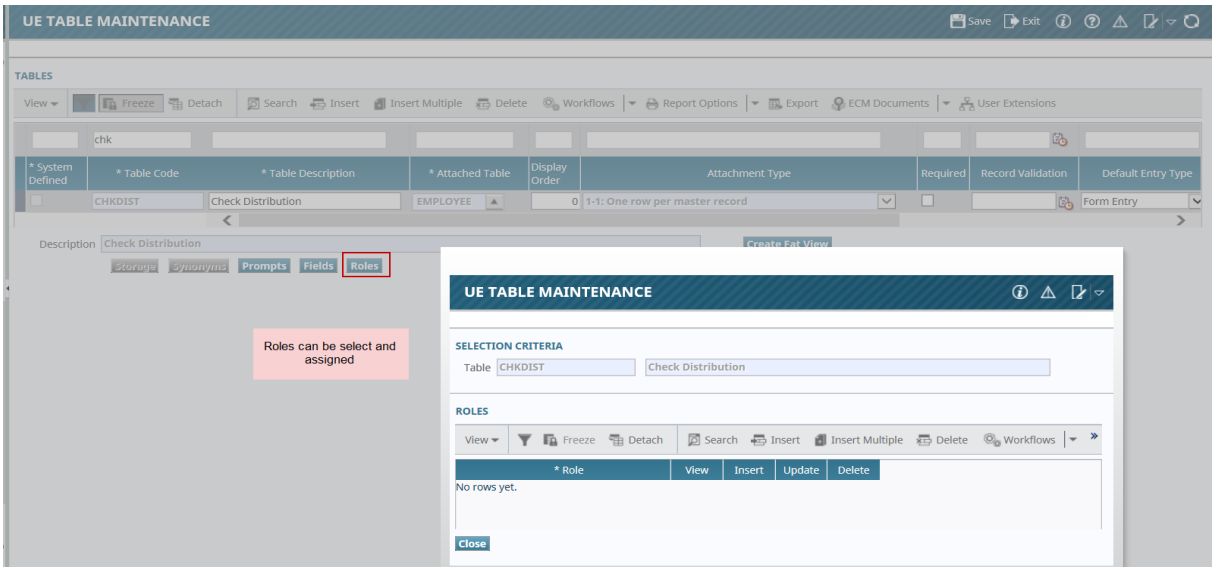
CHKDIST – Check Distribution Table Prompts Maintenance



CHKDIST – Check Distribution Table Fields Maintenance

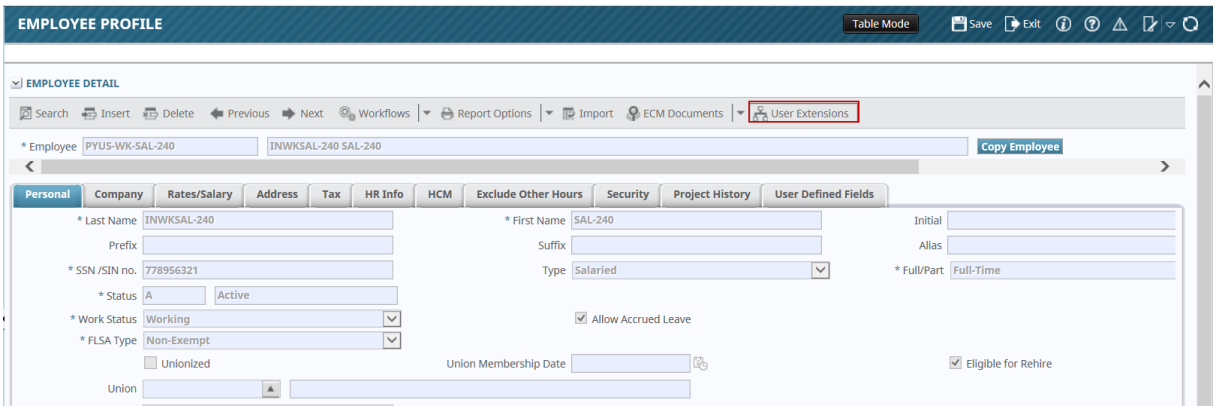


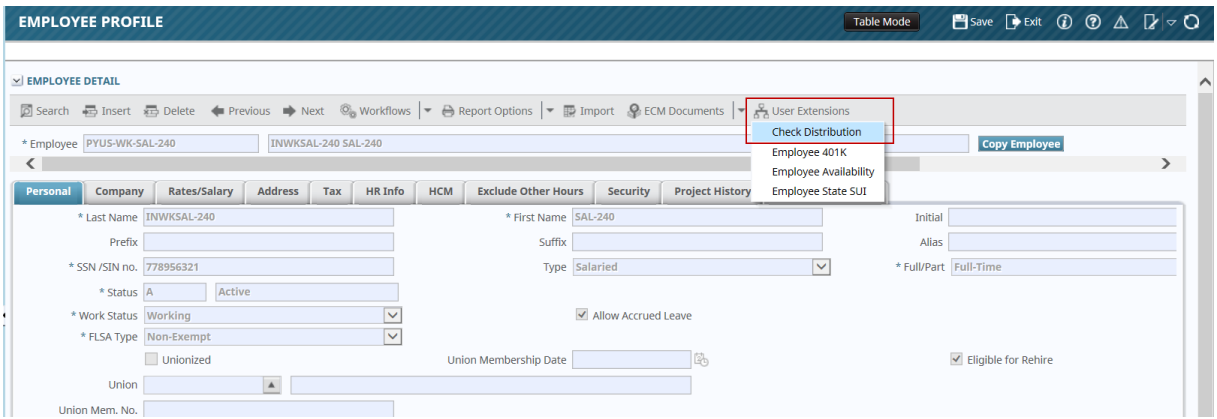
CHKDIST – Check Distribution Table Maintenance – Roles

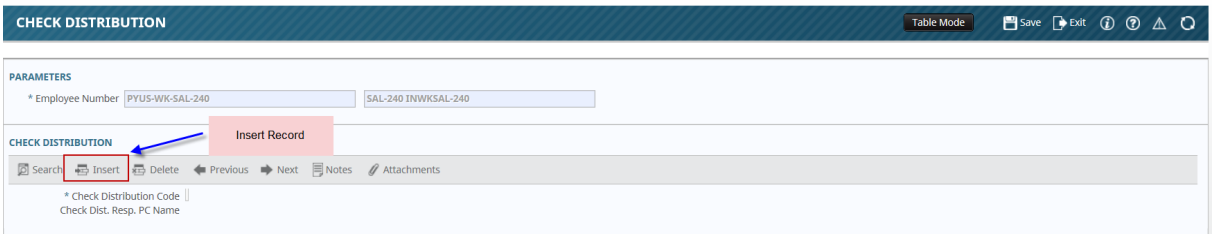


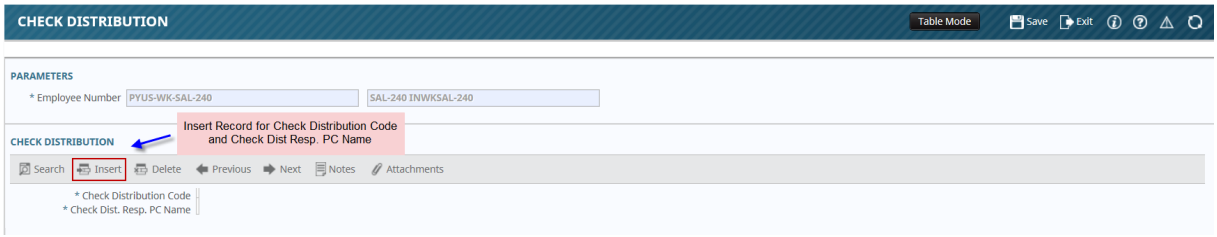
Employee Profile – Check Distribution User Extension (auto created)

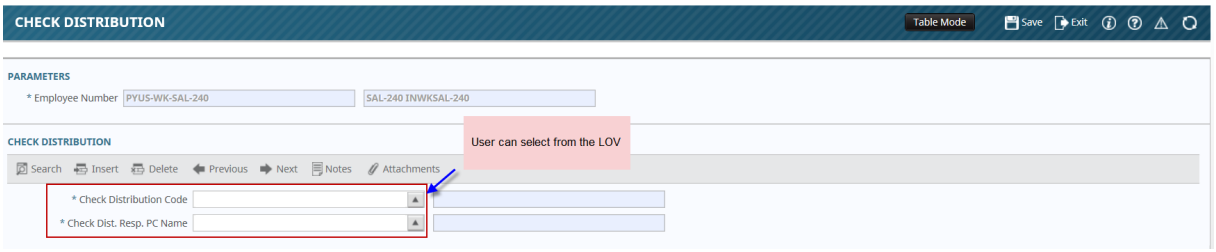
Check Distribution User Extension is created automatically in Employee Profile. User can now select and assign the values setup through the UE from LOV.

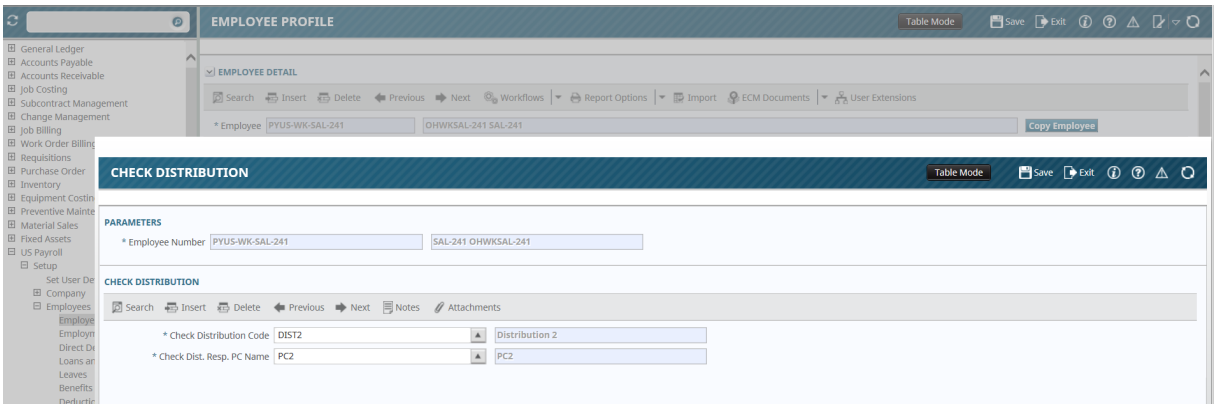


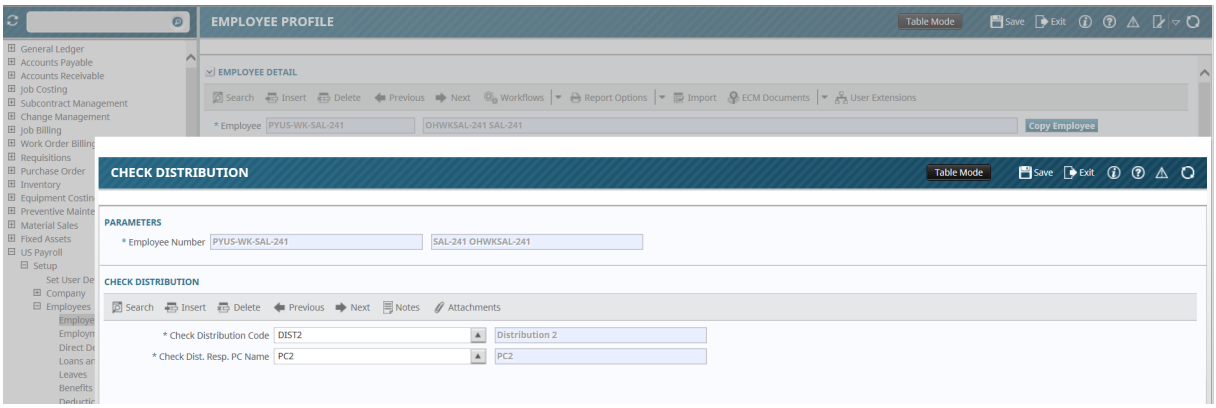


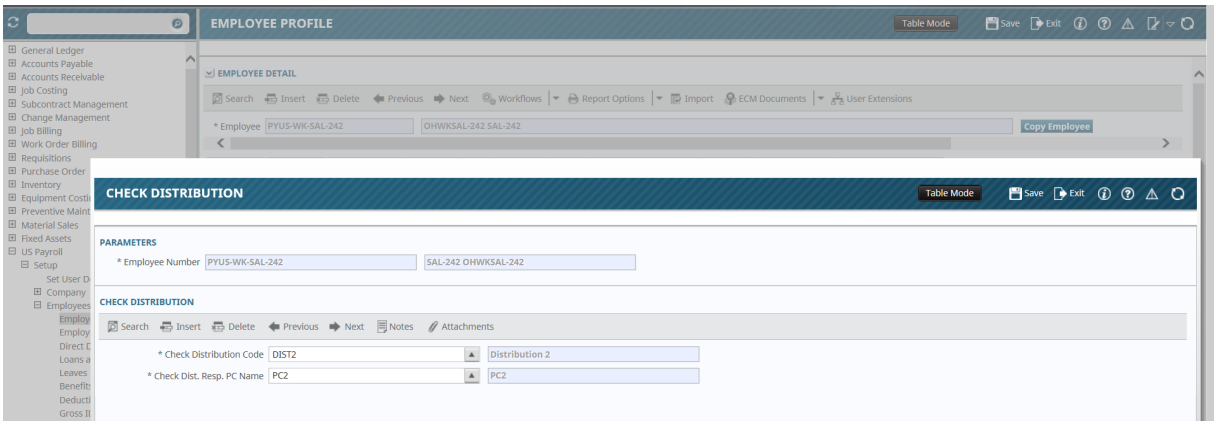

CHECK DISTRIBUTION
Table Mode
Save
Exit
PARAMETERS
* Employee Number
PYUS-WK-SAL-240
SAL-240 INWKSAL-240
CHECK DISTRIBUTION
Insert Record
Search
Insert
Delete
Previous
Next
Notes
Attachments
* Check Distribution Code
Check Dist. Resp. PC Name

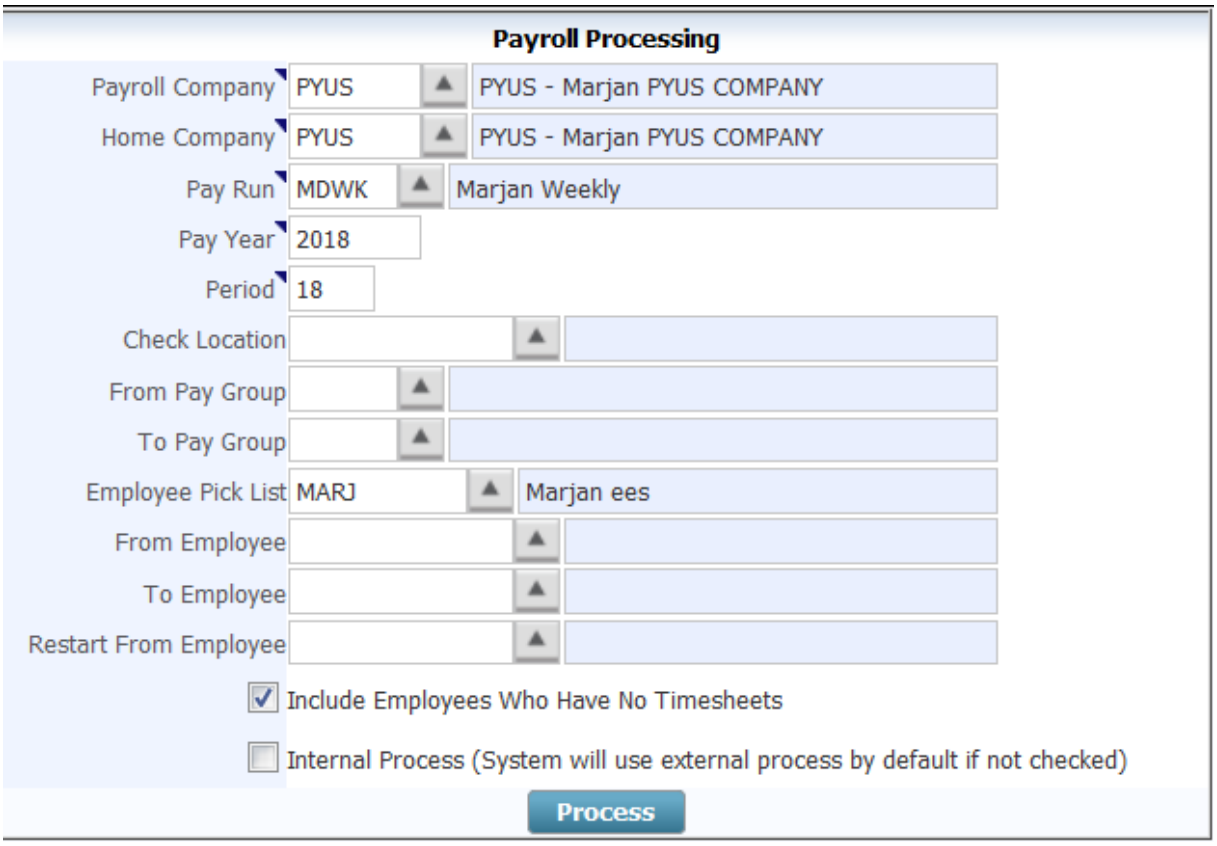

CHECK DISTRIBUTION
Table Mode
Save
Exit
PARAMETERS
* Employee Number
PYUS-WK-SAL-240
SAL-240 INWKSAL-240
CHECK DISTRIBUTION
Insert Record for Check Distribution Code and Check Dist Resp. PC Name
Search
Insert
Delete
Previous
Next
Notes
Attachments
* Check Distribution Code
* Check Dist. Resp. PC Name


CHECK DISTRIBUTION
Table Mode
Save
Exit
PARAMETERS
* Employee Number
PYUS-WK-SAL-240
SAL-240 INWKSAL-240
CHECK DISTRIBUTION
User can select from the LOV
Search
Insert
Delete
Previous
Next
Notes
Attachments
* Check Distribution Code
* Check Dist. Resp. PC Name


EMPLOYEE PROFILE
Table Mode
Save
Exit
EMPLOYEE DETAIL
Search
Insert
Delete
Previous
Next
Workflows
Report Options
Import
ECM Documents
User Extensions
* Employee
PYUS-WK-SAL-241
OHWKSAL-241 SAL-241
Copy Employee
CHECK DISTRIBUTION
Table Mode
Save
Exit
PARAMETERS
* Employee Number
PYUS-WK-SAL-241
SAL-241 OHWKSAL-241
CHECK DISTRIBUTION
Search
Insert
Delete
Previous
Next
Notes
Attachments
* Check Distribution Code
DIST2
Distribution 2
* Check Dist. Resp. PC Name
PC2
PC2


EMPLOYEE PROFILE
Table Mode
Save
Exit
EMPLOYEE DETAIL
Search
Insert
Delete
Previous
Next
Workflows
Report Options
Import
ECM Documents
User Extensions
* Employee
PYUS-WK-SAL-241
OHWKSAL-241 SAL-241
Copy Employee
CHECK DISTRIBUTION
Table Mode
Save
Exit
PARAMETERS
* Employee Number
PYUS-WK-SAL-241
SAL-241 OHWKSAL-241
CHECK DISTRIBUTION
Search
Insert
Delete
Previous
Next
Notes
Attachments
* Check Distribution Code
DIST2
Distribution 2
* Check Dist. Resp. PC Name
PC2
PC2

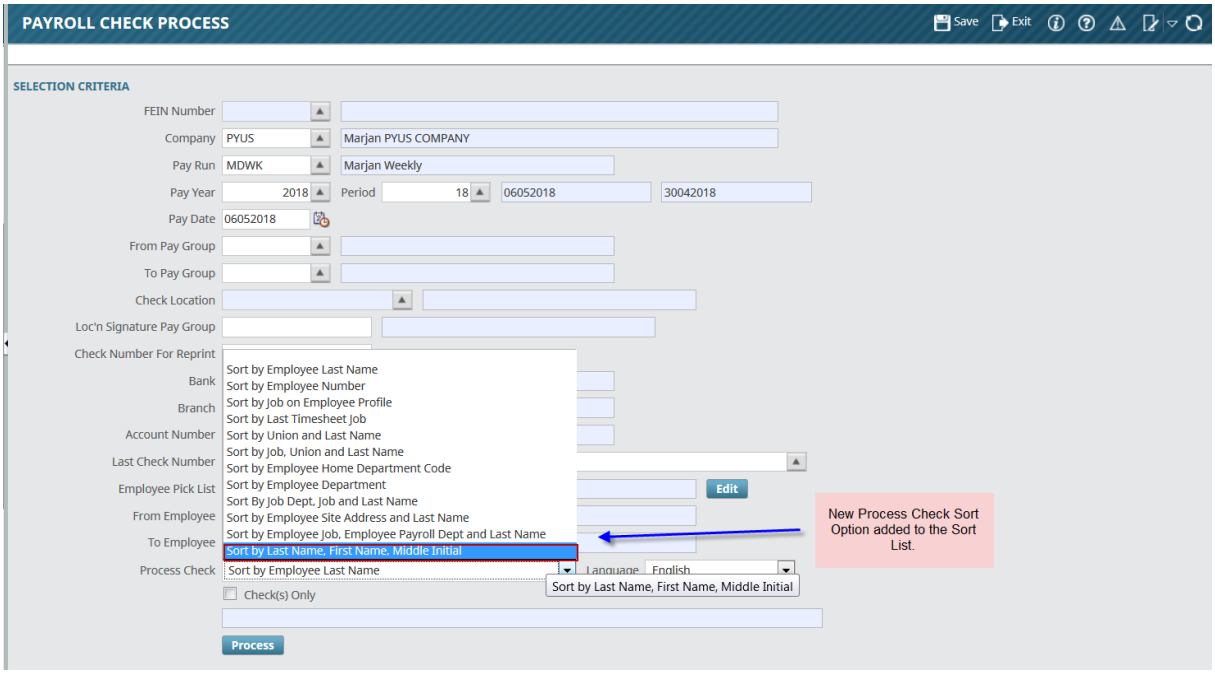

EMPLOYEE PROFILE
Table Mode
Save
Exit
EMPLOYEE DETAIL
Search
Insert
Delete
Previous
Next
Workflows
Report Options
Import
ECM Documents
User Extensions
* Employee
PYUS-WK-SAL-242
OHWKSAL-242 SAL-242
Copy Employee
CHECK DISTRIBUTION
Table Mode
Save
Exit
PARAMETERS
* Employee Number
PYUS-WK-SAL-242
SAL-242 OHWKSAL-242
CHECK DISTRIBUTION
Search
Insert
Delete
Previous
Next
Notes
Attachments
* Check Distribution Code
DIST2
Distribution 2
* Check Dist. Resp. PC Name
PC2
PC2


Payroll Processing
Payroll Company
PYUS
PYUS - Marjan PYUS COMPANY
Home Company
PYUS
PYUS - Marjan PYUS COMPANY
Pay Run
MDWK
Marjan Weekly
Pay Year
2018
Period
18
Check Location
From Pay Group
To Pay Group
Employee Pick List
MARJ
Marjan ees
From Employee
To Employee
Restart From Employee
Include Employees Who Have No Timesheets
Internal Process (System will use external process by default if not checked)
Process

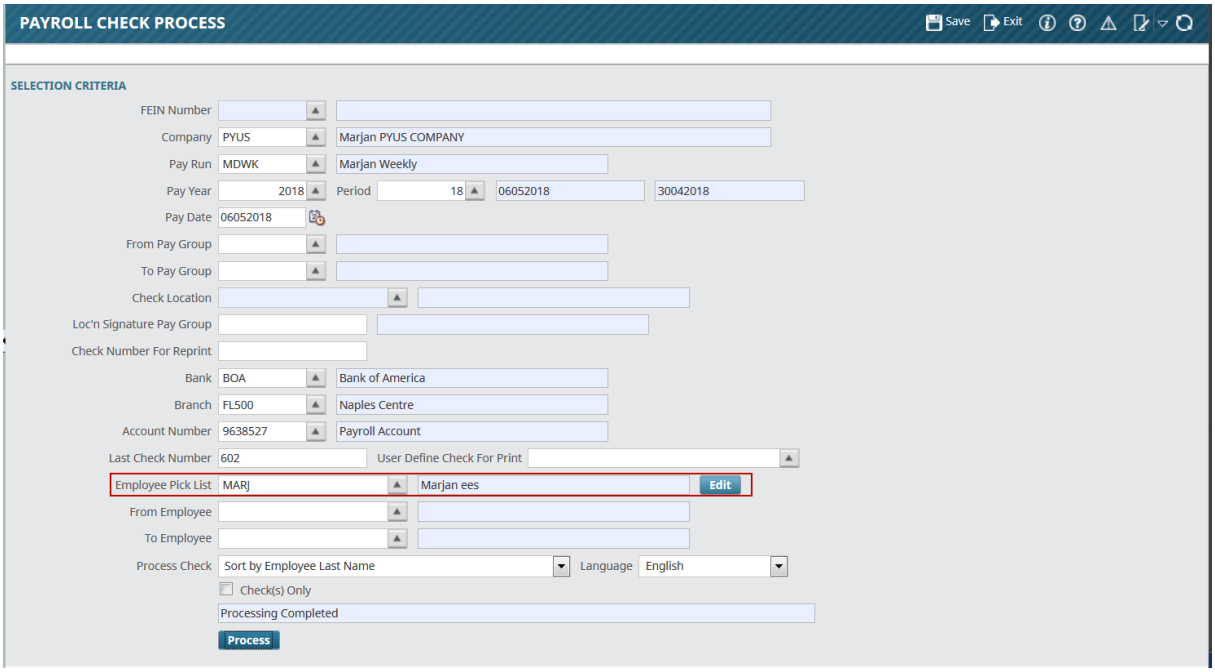
Check Processing

Added a new Process Check (Sort By) option:

‘Sort By Last Name, First Name, Middle Initial’.

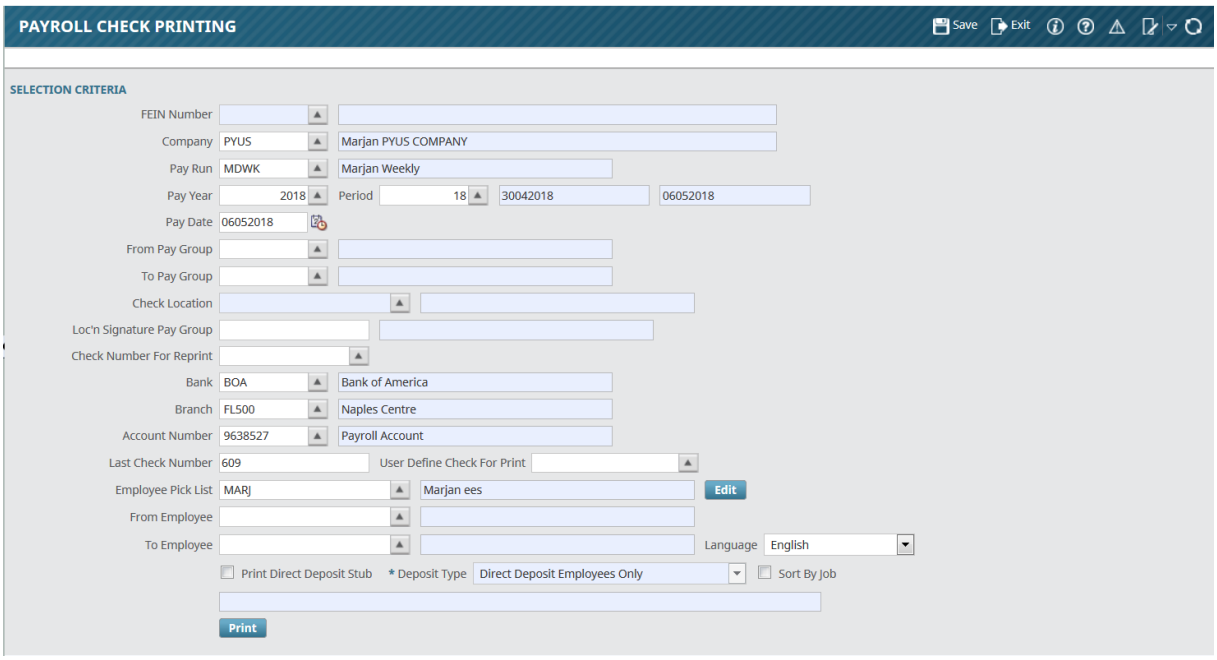


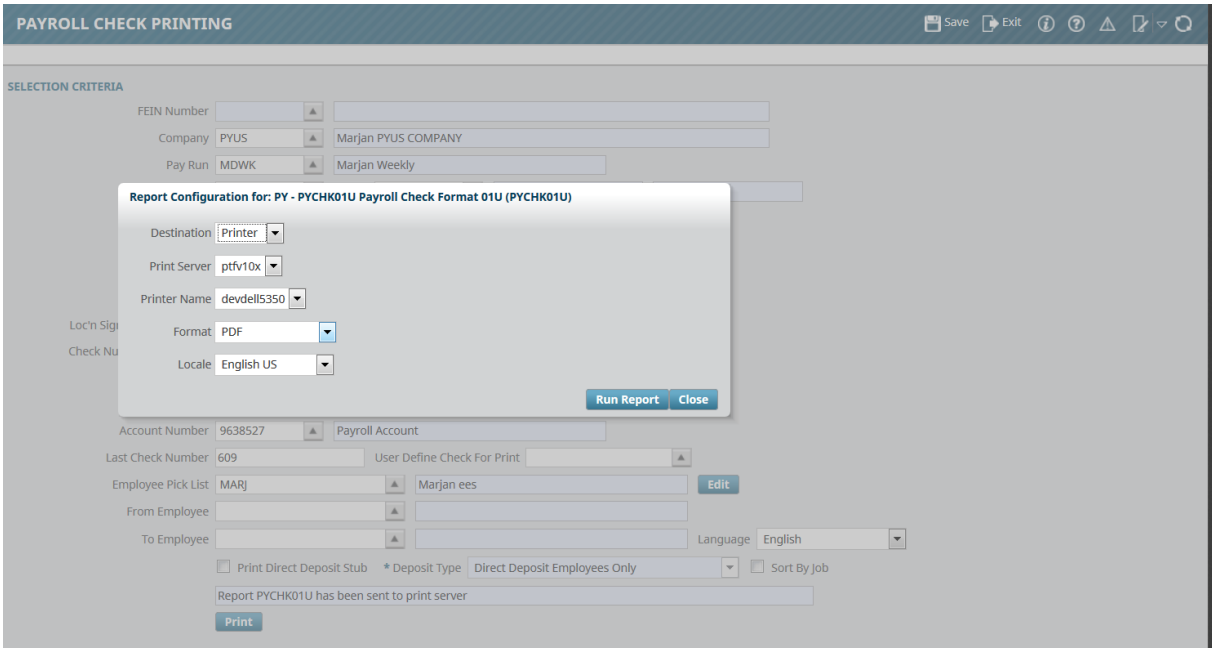
In Check Processing, Employees and Employees Picklist have been modified to add/join User extension table UETD_CHKDIST.



Check Printing Job

Payroll Check Print and Check Distribution Code Sort as per UE value - Print and Sort from Home Department to new Check Distribution (UE) setup.





If Employee UE is setup with Check Dist Code, then it will use the UE values, if employee UE Check Dist Code does not exist, then it will take the Employee Home Department.

Check Printing Job: Sorted and printed in the order of the Employee Check Distribution UE.

Employee Number

Last Name

Check Distribution Code

PYUS-WK-SAL-240	INWKSAL-240 UE Check Dist Code = DIST1
PYUS-WK-SAL-236	KYWKSAL-236 UE Check Dist Code = NULL (will use EE Home Dept 00)
PYUS-WK-SAL-238	OHSALWK-238 UE Check Dist Code = DIST2
PYUS-WK-SAL-239	OHSALWK-239 UE Check Dist Code = DIST2
PYUS-WK-SAL-241	OHSALWK-241 UE Check Dist Code = DIST2
PYUS-WK-SAL-242	OHSALWK-242 UE Check Dist Code = DIST2
PYUS-WK-SAL-243	PASALWK-243 UE Check Dist Code = NULL (will use EE Home Dept 00)

Retroactive Payment Process Modifications – (17.32338)

NOTE: This is an enhanced program version in ADF UI Runtime. The enhancements for the Fringe Benefit calculations are fixed and functional. The program conversion and enhancements are now implemented and released as a functional version in this patch.

CMiC has made the following modifications to Retroactive Payment Processing Program in ADF version. The retro pay program has been modified to calculate fringes retroactively.

A new flag is added on Master Benefit/Deduction setup screen to allow users to select which benefit will be part of retro pay calculation. The existing retro pay calculation program "timesheet detail" page will be modified to display the fringes for an employee for all previous periods selected on the parameter screen with the OLD and NEW calculation, like the timesheet. Once all data is verified and processed, the retro pay program will push the differential data into the adjustment screen by transaction type and code.

The retro pay calculation is modified to re-calculate all fringe differential within the program based on NEW rates.

NOTE: CMiC will NOT be supporting fringe calculation in retro pay for the benefit/deduction where **BASE CODE** is defined.

Highlights of the modifications:

Data to be selected for Retroactive Payment Calculation is now taken from the Pay History Table.

Benefits and Deductions must be tagged as “Include in PY Retro Pay Calculation”.

Inclusion of OT, DOT, and Other Hours – is an Option.

Inclusion of Salaried Employees Wages (No Timesheet) – is also an Option.

Program Overview:

Based on initial parameter screen the search screen will find all employee wages retroactively to display all past wages for the employee(s). User will be able to select all employee by selecting “checkbox” to include in retroactive pay calculation. Once all employees are selected and “Accepted”, screen will populate positive and

negative transaction lines into the main screen, similar to the adjustment screen, however the new retroactive pay screen includes employees pay rate as well. The pay rate will be populated based on the current period.

Pay Rates

The pay rate will be re-calculated or updated for the new lines created on the retroactive screen. The rate population will be based on employee preference setup on profile and the period effective date where retro pay will be processed. The timesheet data will be considered for other parameter to populate the rates such as “Trade”, “Union” and “Job” etc.

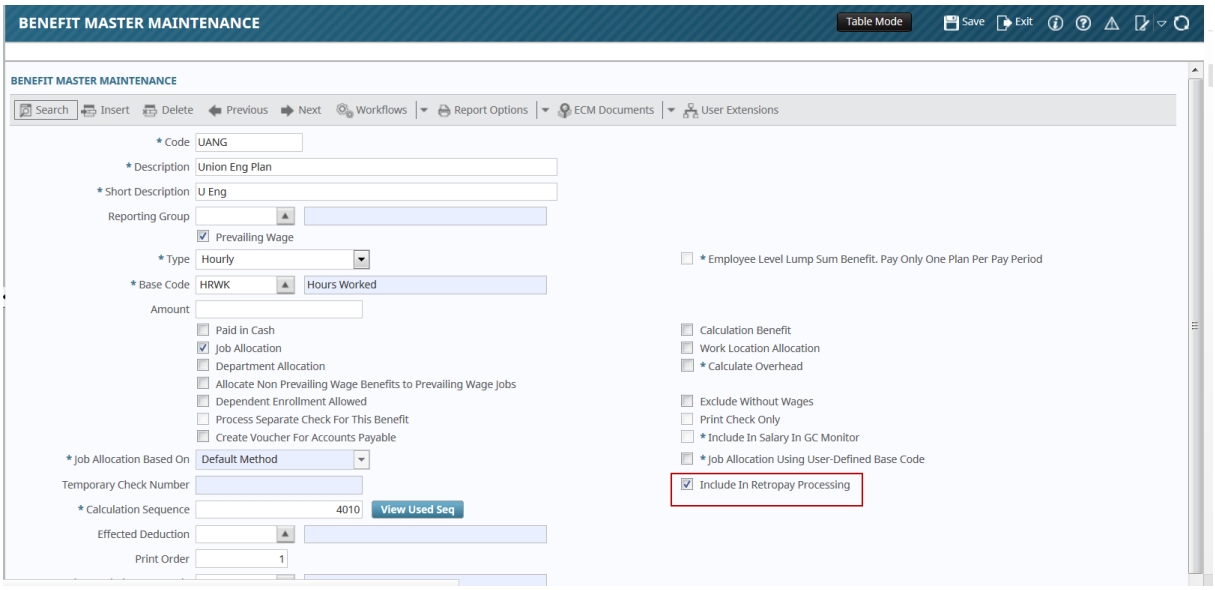
Processing

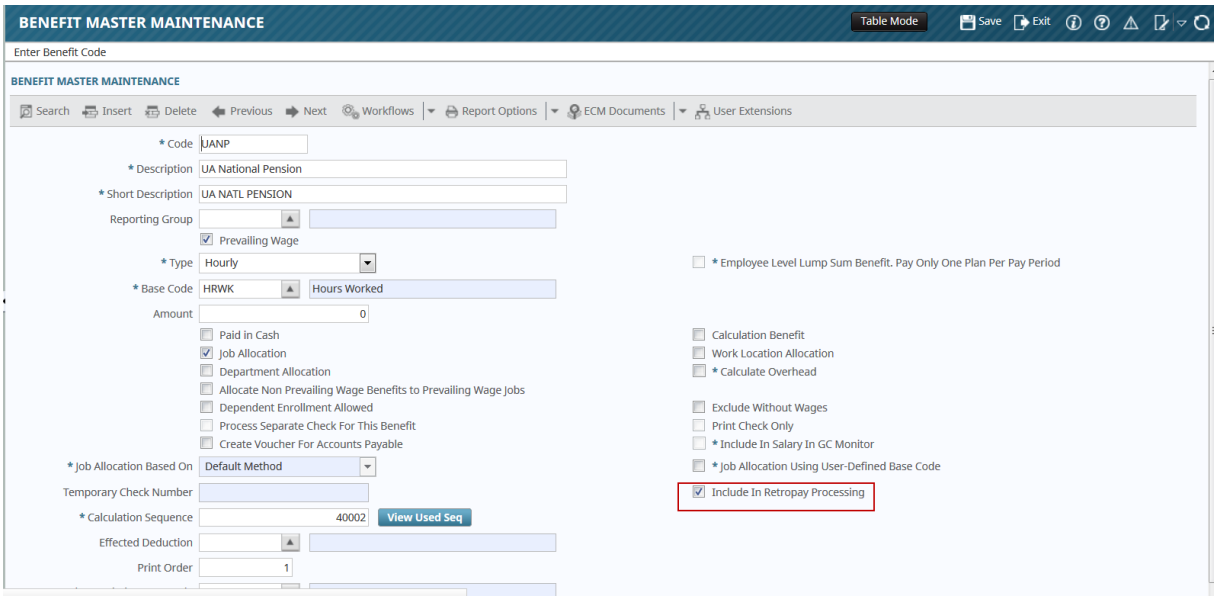
The screen is provided to the users to “Process” retroactive pay. User selects the Company, Pay Run, Year, Document no and current open payroll period, where user would like to process these retroactive payments.

The adjustment data can be reviewed prior to payroll processing by users. The retro wage calculation will be picked up when processing payroll period and system will calculate taxes on wages based on current period.

Benefit/Deductions – Include in PY Retro Pay Calc process flag

On the Master Screen, Benefits and Deductions must be tagged as “Include in PY Retro Pay Calculation”.

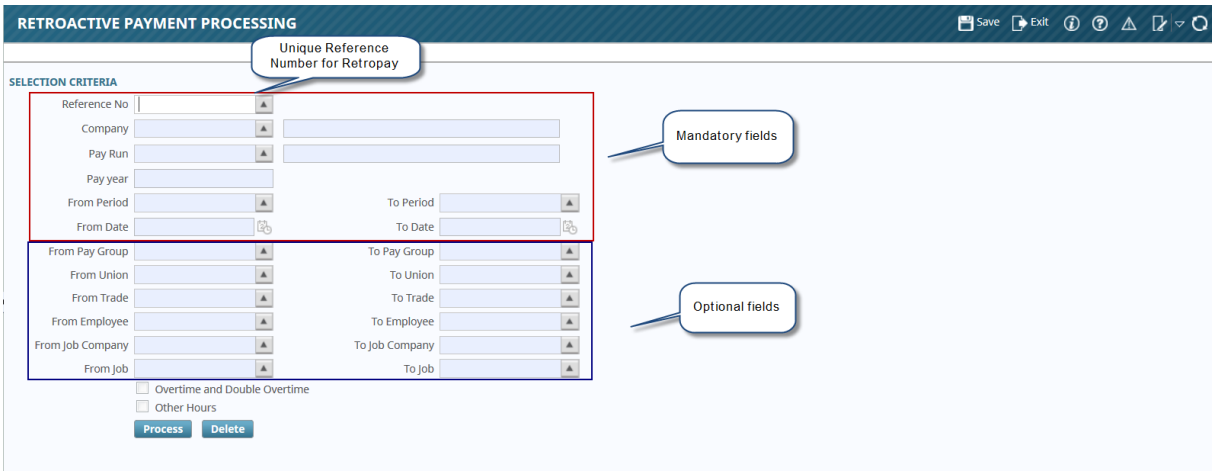


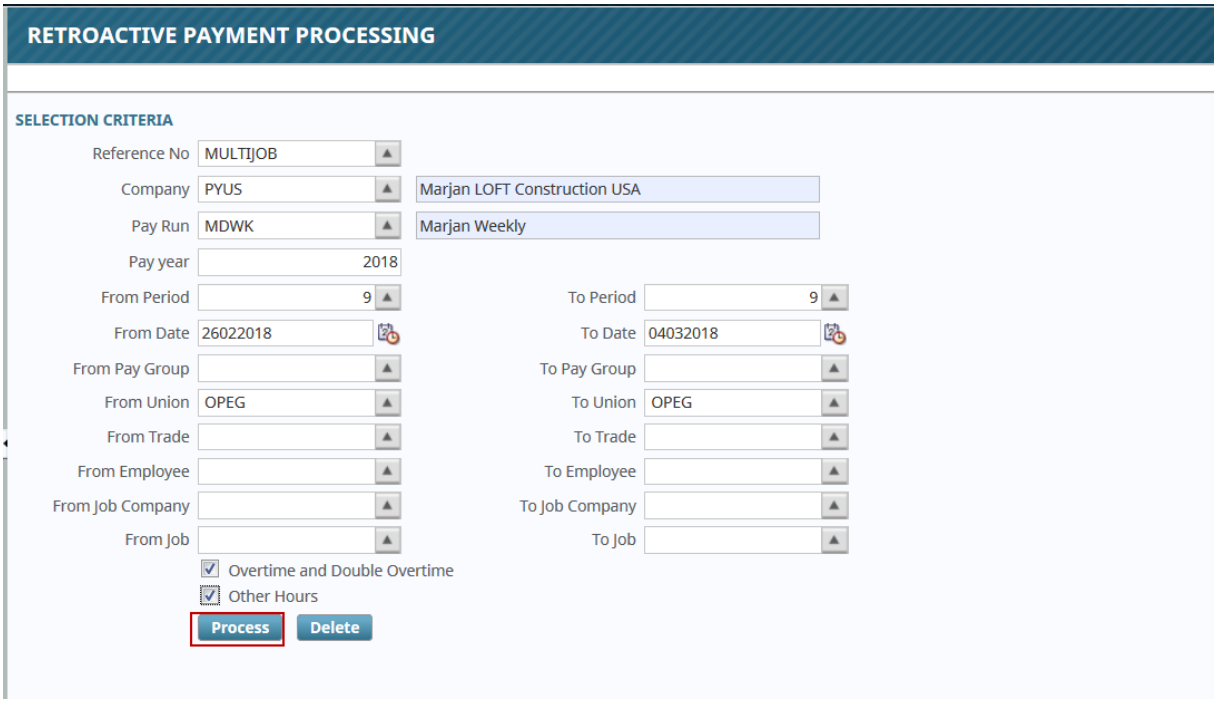


Retroactive Payment Processing – Program Parameter

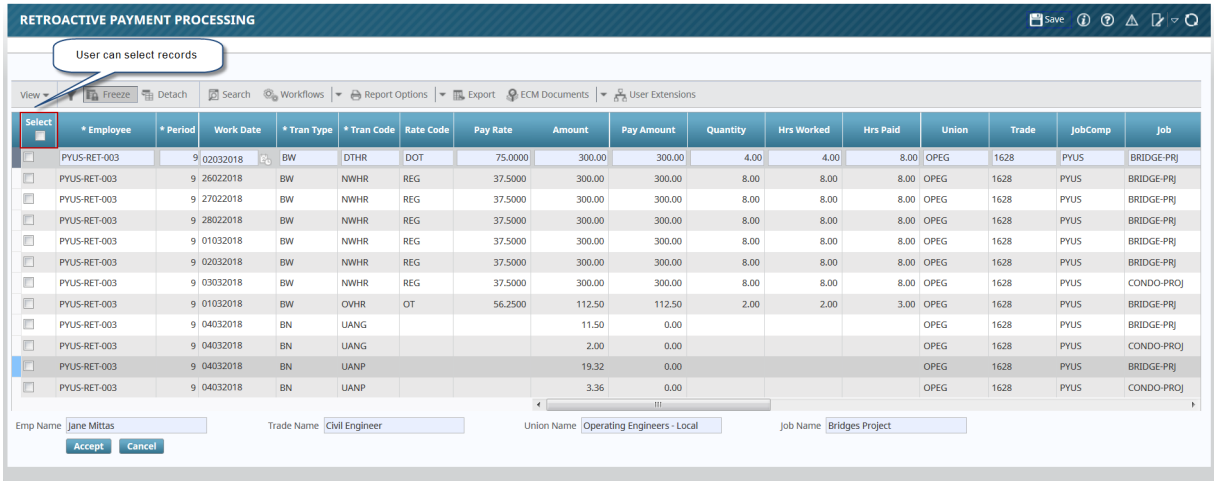
Go to Processing ->Retroactive Payment Processing screen

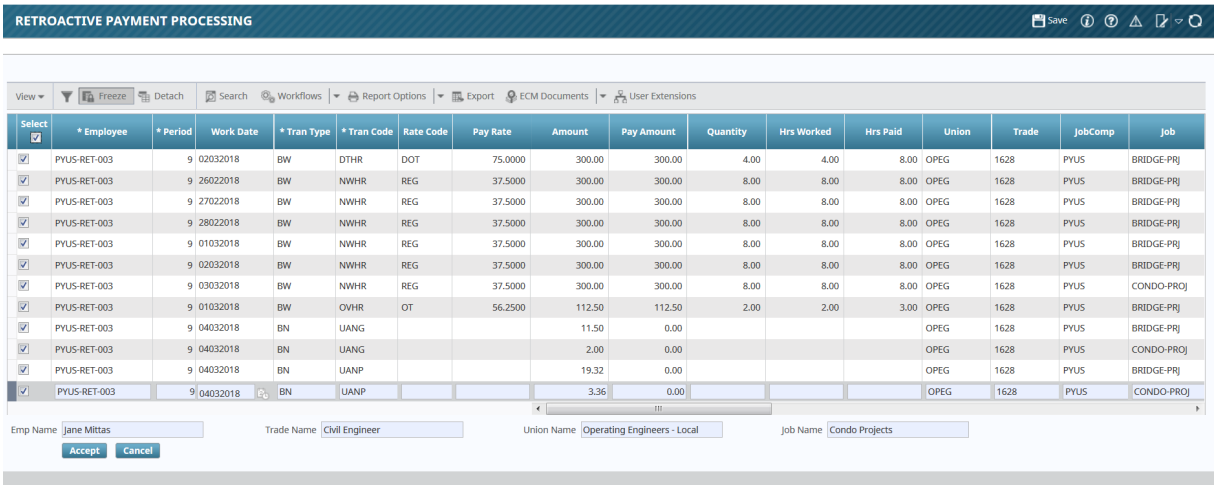
Enter Reference number and all Mandatory fields. User is not allowed to change any selection parameter, once the transaction exists into Retroactive payment table.

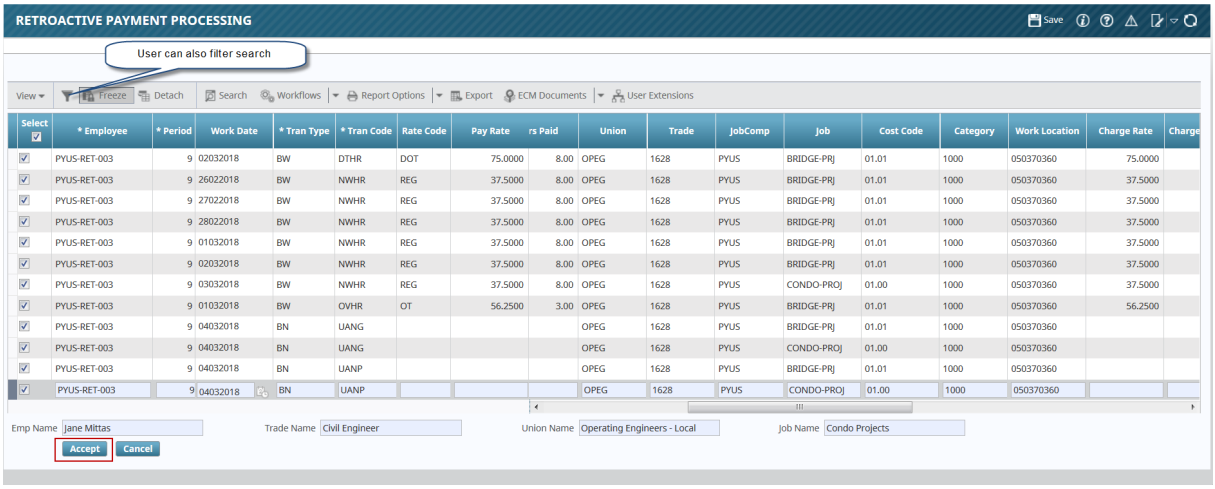




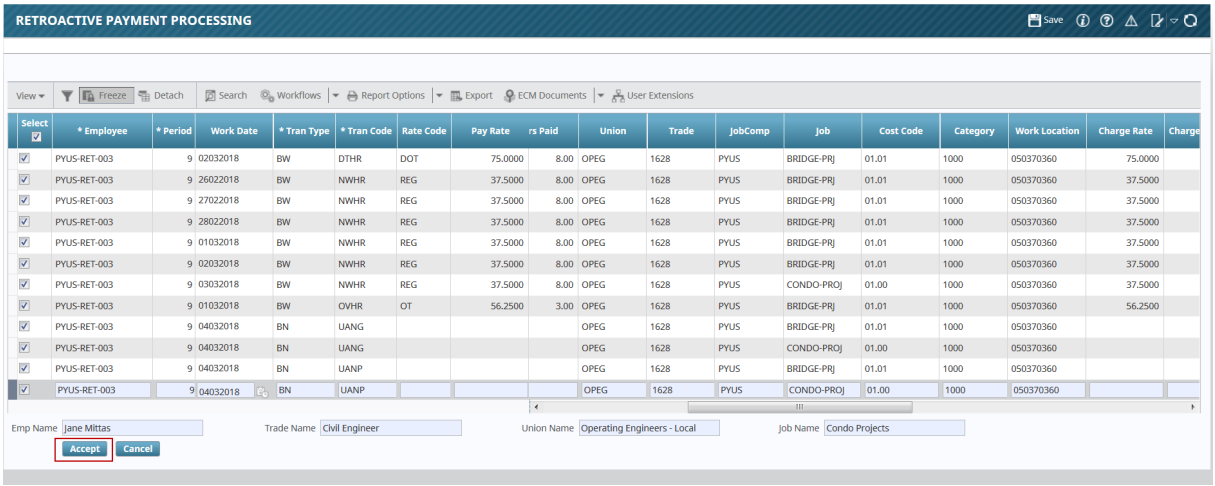
Select the employee records which will be used for retroactive pay calculation. User can select the filtered data record based on the Selection parameters.

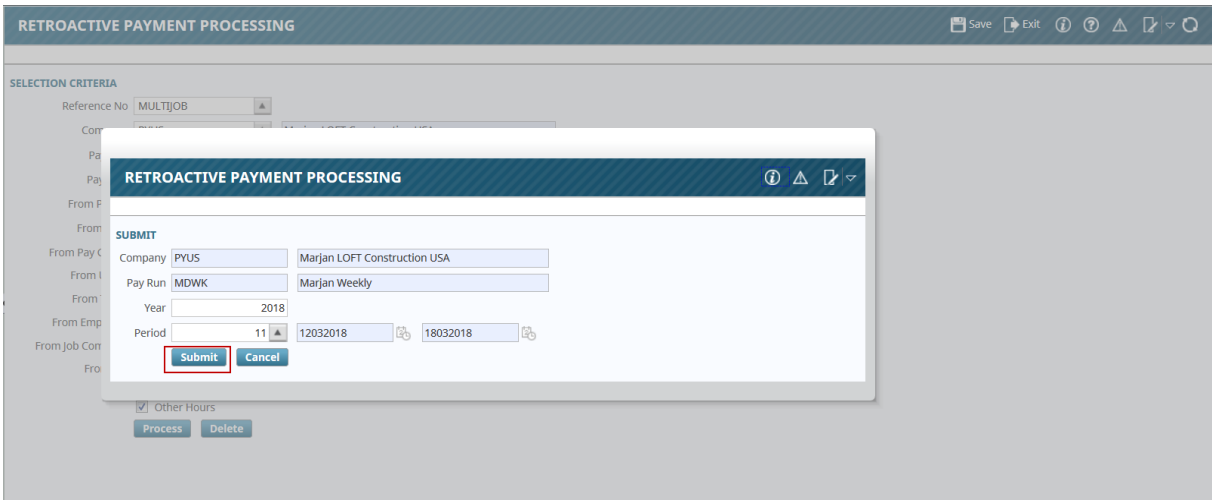






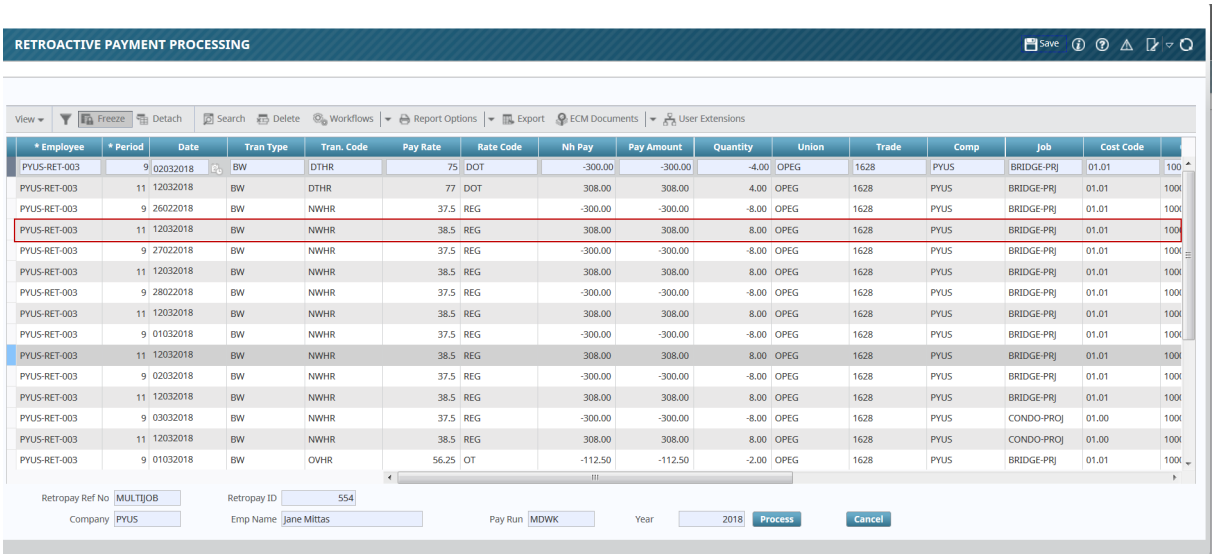
Enter the period where user wants to generate adjusted retroactive payment and click "Accept". Provide the Pay Period where user wants to generate and adjust retroactive payment. System will default the first ‘Open’ period based on the Company Pay Run and Pay Period screen.



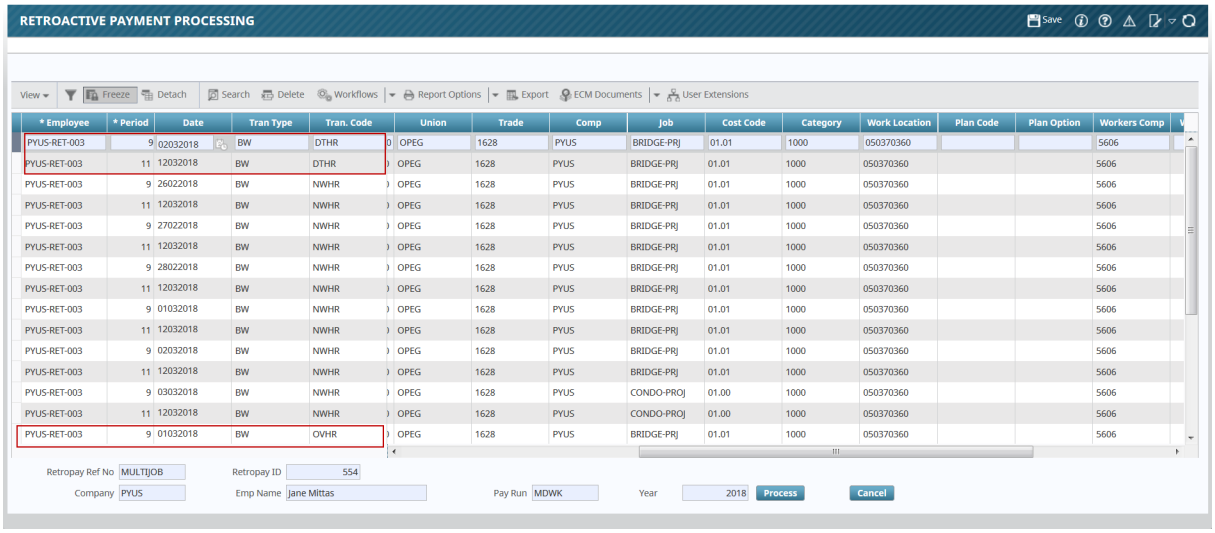


User can delete the selected record but not allowed to insert a new record in the Timesheet Selection screen. Click "Process" and system will bring a new rate as of the start date of the period provided by the user in the Open Pay Period Pop up. User is not allowed to edit Pay Rate, Job Phase and Category. Non-updateable fields example HRS Worked is not updateable.

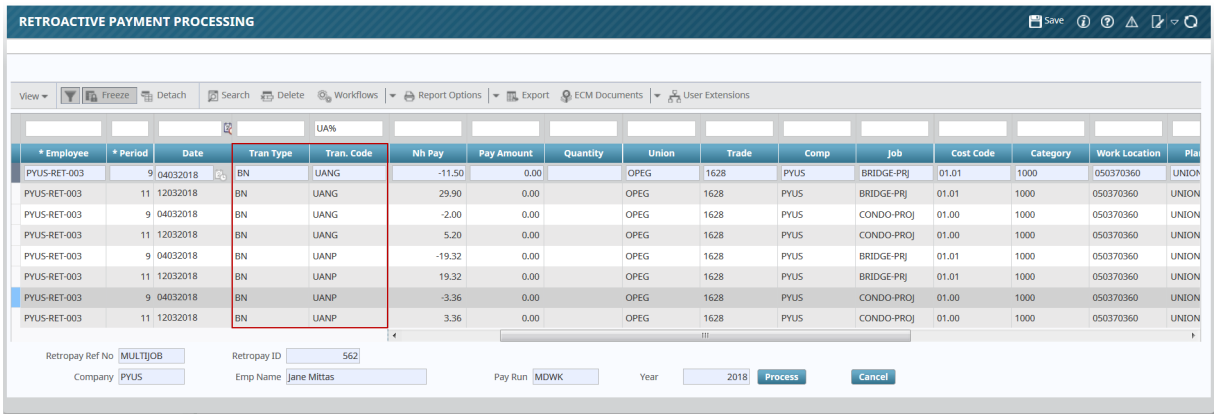
Basic Wage Transaction - NWHR

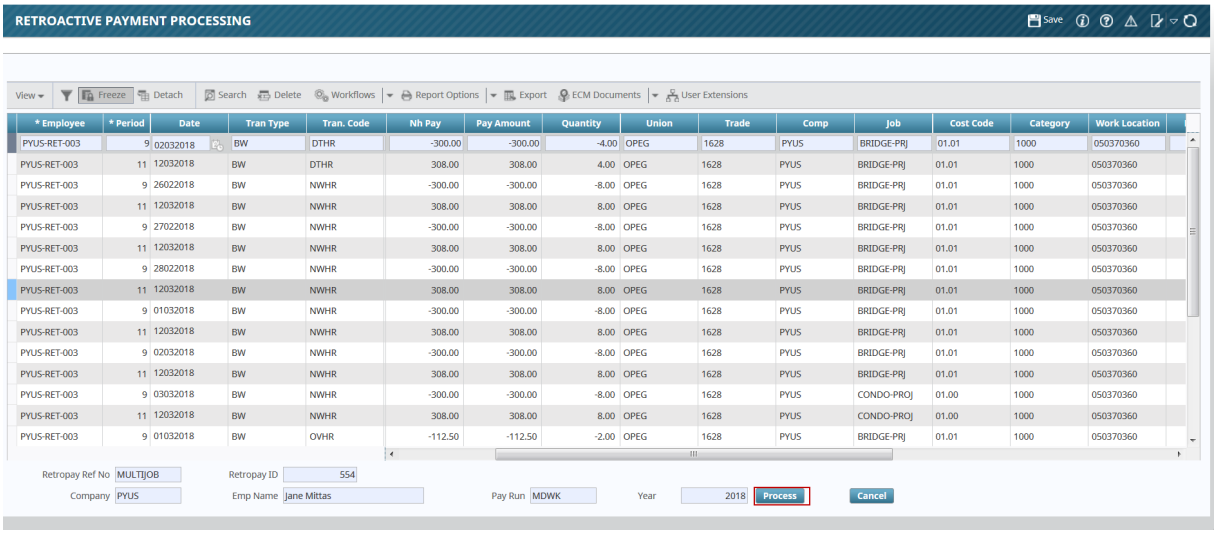


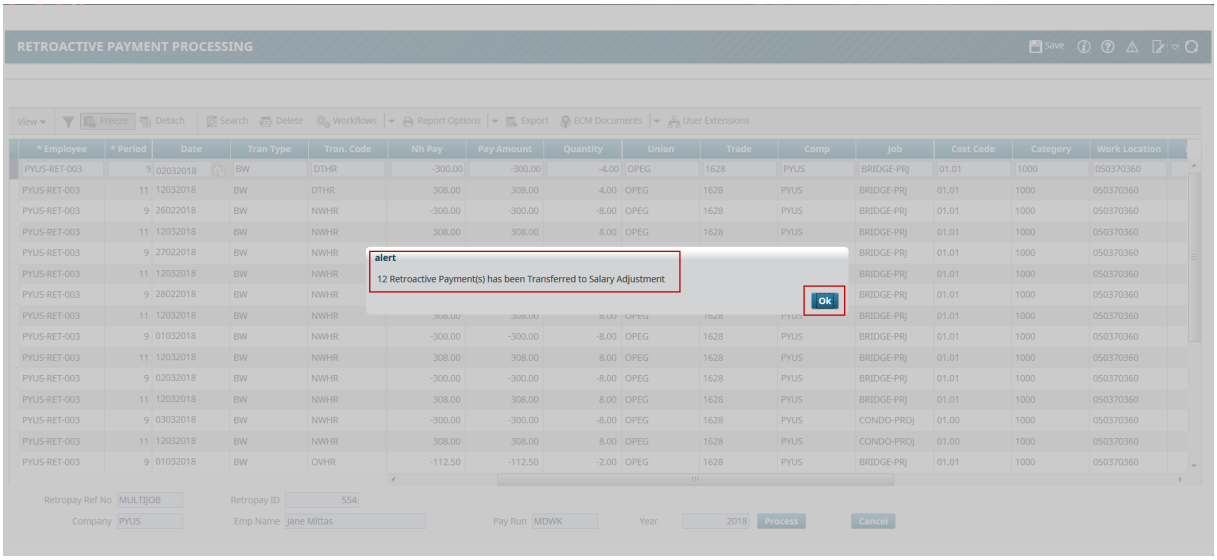
Basic Wage Transactions OVHR and DTHR



Transaction for Benefit UANG and UANP



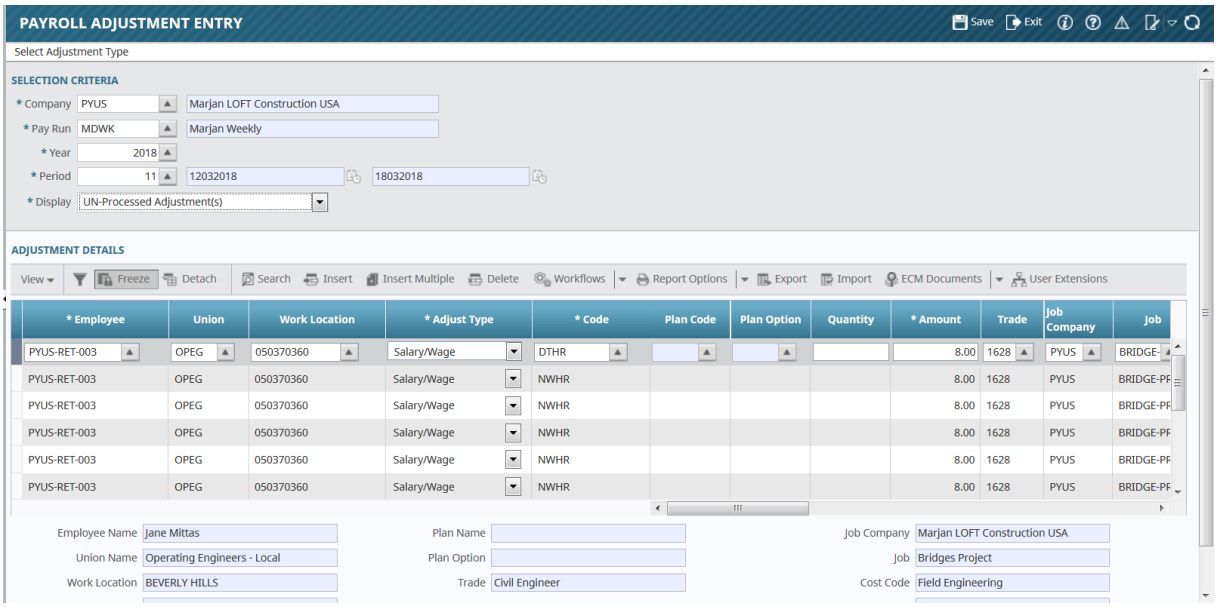


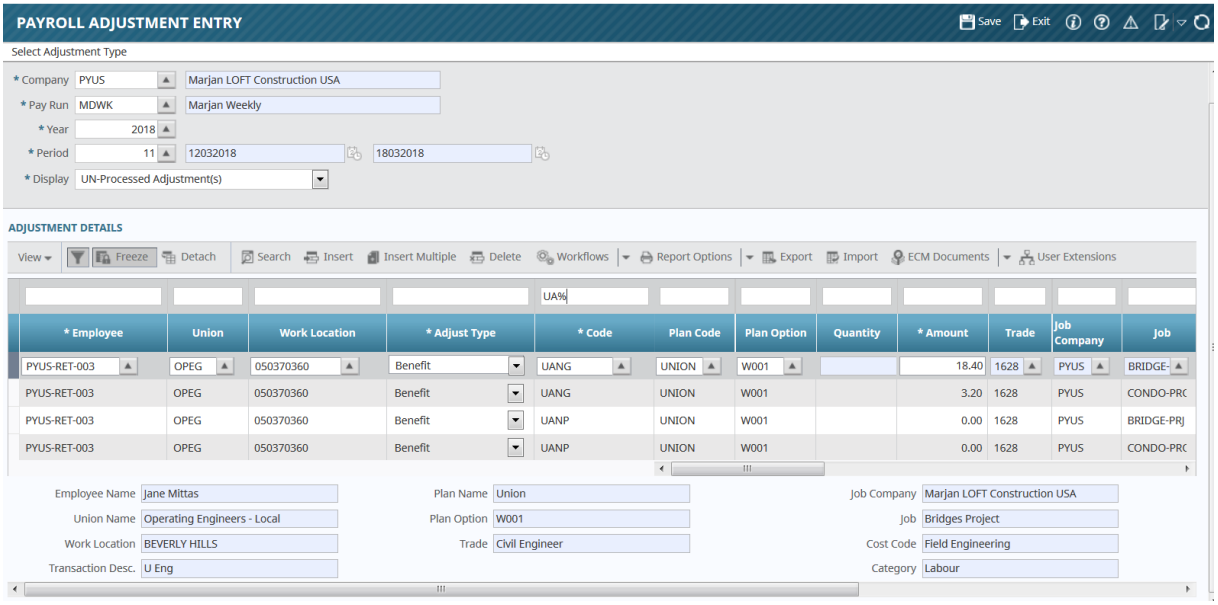


The processed Retroactive transactions (payments) are now transferred to Salary Adjustment Screen and available.

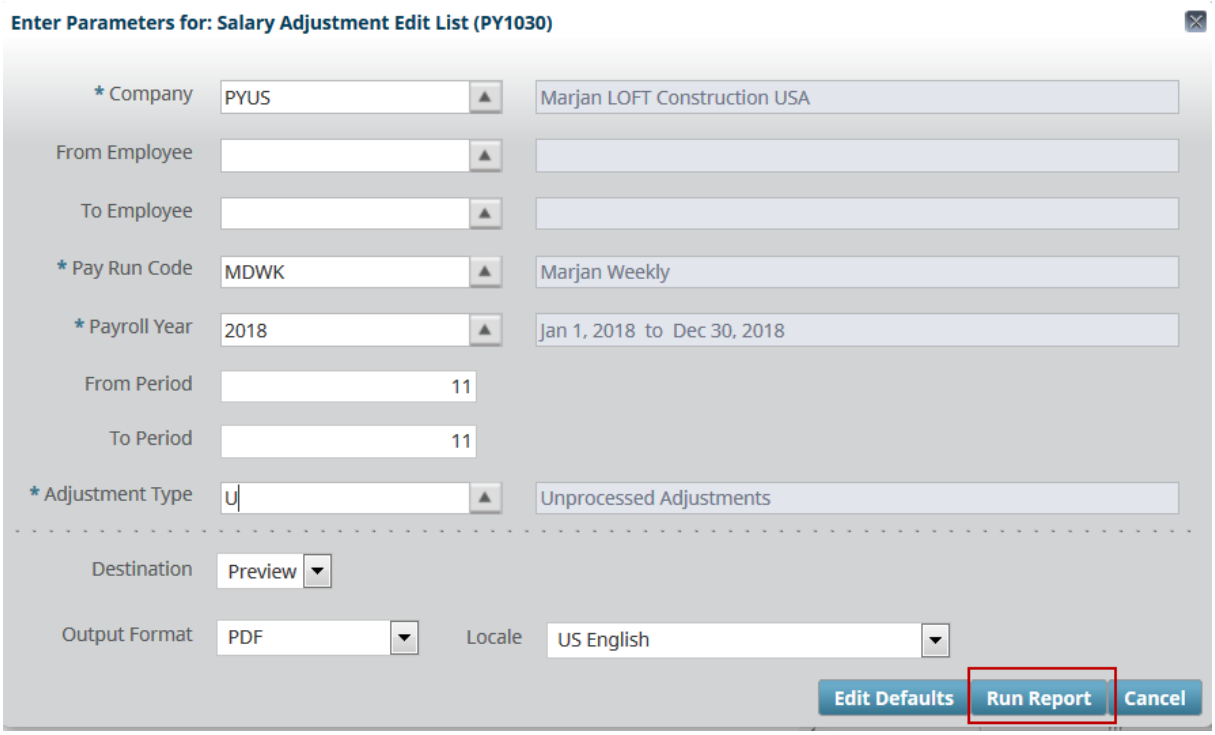
Retropay Transactions – Salary Adjustment Entry Screen

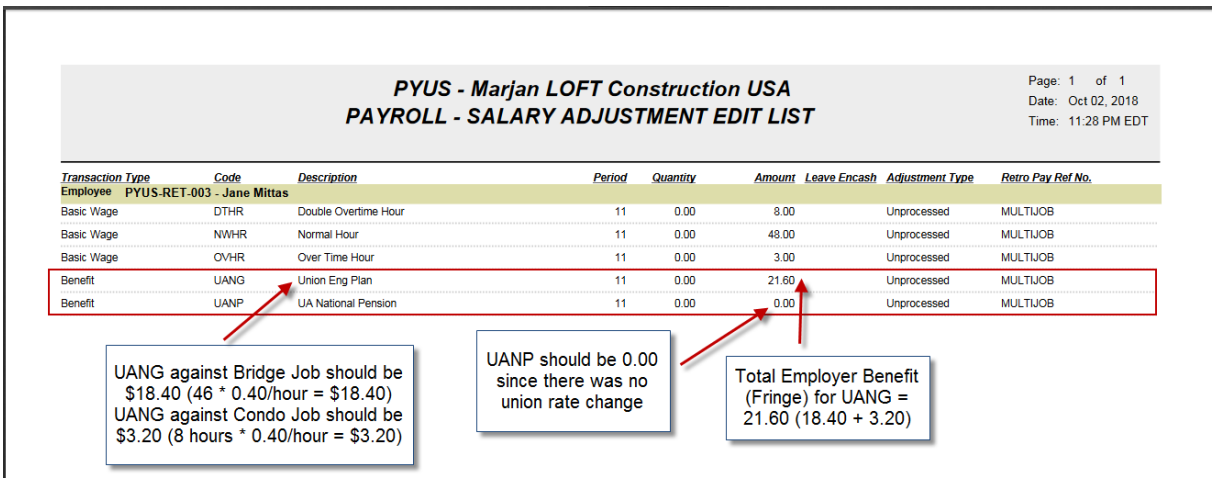
These records will be transferred to Salary Adjustment table for further processing. User cannot update any information like Job/Phase/Category in Adjustment entry screen and is not allowed to delete records.


PAYROLL ADJUSTMENT ENTRY
Save
Exit
Select Adjustment Type
SELECTION CRITERIA
* Company PYUS Marjan LOFT Construction USA
* Pay Run MDWK Marjan Weekly
* Year 2018
* Period 11 12032018 18032018
* Display UN-Processed Adjustment(s)
ADJUSTMENT DETAILS
View
Freeze
Detach
Search
Insert
Insert Multiple
Delete
Workflows
Report Options
Export
Import
ECM Documents
User Extensions
* Employee
Union
Work Location
* Adjust Type
* Code
Plan Code
Plan Option
Quantity
* Amount
Trade
Job Company
Job
PYUS-RET-003 OPEG 050370360 Salary/Wage DTHR 8.00 1628 PYUS BRIDGE-
PYUS-RET-003 OPEG 050370360 Salary/Wage NWHR 8.00 1628 PYUS BRIDGE-PF
PYUS-RET-003 OPEG 050370360 Salary/Wage NWHR 8.00 1628 PYUS BRIDGE-PF
PYUS-RET-003 OPEG 050370360 Salary/Wage NWHR 8.00 1628 PYUS BRIDGE-PF
PYUS-RET-003 OPEG 050370360 Salary/Wage NWHR 8.00 1628 PYUS BRIDGE-PF
PYUS-RET-003 OPEG 050370360 Salary/Wage NWHR 8.00 1628 PYUS BRIDGE-PF
Employee Name Jane Mittas
Union Name Operating Engineers - Local
Work Location BEVERLY HILLS
Plan Name
Plan Option
Trade Civil Engineer
Job Company Marjan LOFT Construction USA
Job Bridges Project
Cost Code Field Engineering

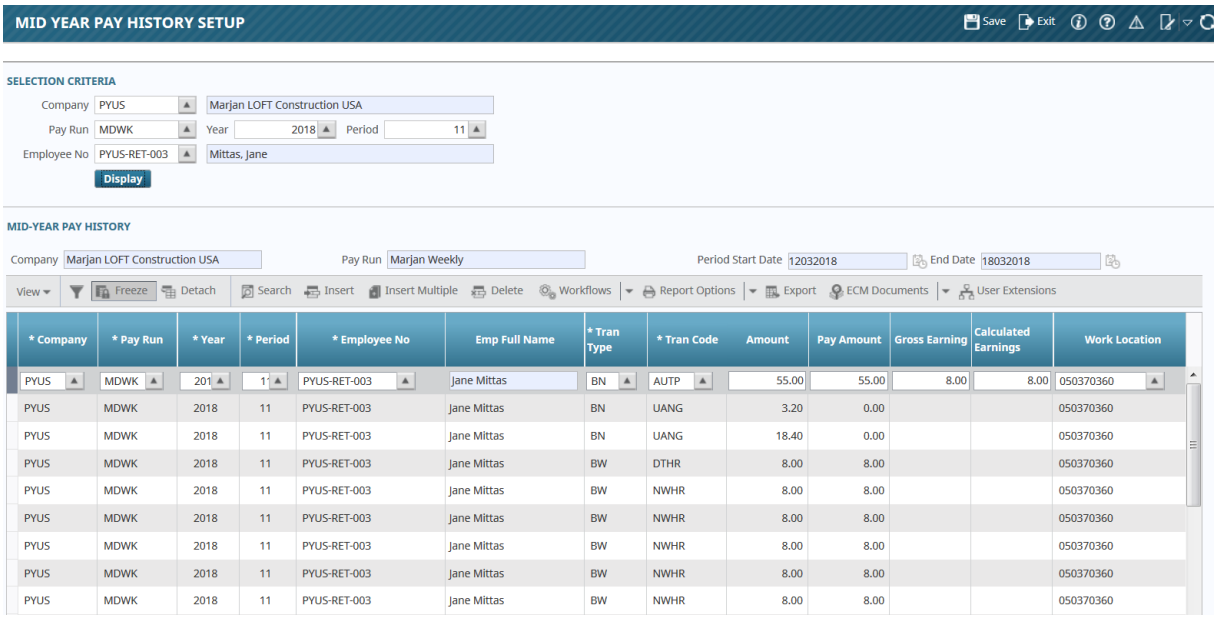

PAYROLL ADJUSTMENT ENTRY
Save
Exit
Select Adjustment Type
* Company PYUS Marjan LOFT Construction USA
* Pay Run MDWK Marjan Weekly
* Year 2018
* Period 11 12032018 18032018
* Display UN-Processed Adjustment(s)
ADJUSTMENT DETAILS
View
Freeze
Detach
Search
Insert
Insert Multiple
Delete
Workflows
Report Options
Export
Import
ECM Documents
User Extensions
UA%
* Employee
Union
Work Location
* Adjust Type
* Code
Plan Code
Plan Option
Quantity
* Amount
Trade
Job Company
Job
PYUS-RET-003 OPEG 050370360 Benefit UANG UNION W001 18.40 1628 PYUS BRIDGE-
PYUS-RET-003 OPEG 050370360 Benefit UANG UNION W001 3.20 1628 PYUS CONDO-PRC
PYUS-RET-003 OPEG 050370360 Benefit UANP UNION W001 0.00 1628 PYUS BRIDGE-PRJ
PYUS-RET-003 OPEG 050370360 Benefit UANP UNION W001 0.00 1628 PYUS CONDO-PRC
Employee Name Jane Mittas
Union Name Operating Engineers - Local
Work Location BEVERLY HILLS
Transaction Desc. U Eng
Plan Name Union
Plan Option W001
Trade Civil Engineer
Job Company Marjan LOFT Construction USA
Job Bridges Project
Cost Code Field Engineering
Category Labour

Salary Adjustment Edit List Report





Processed Payroll for period 11



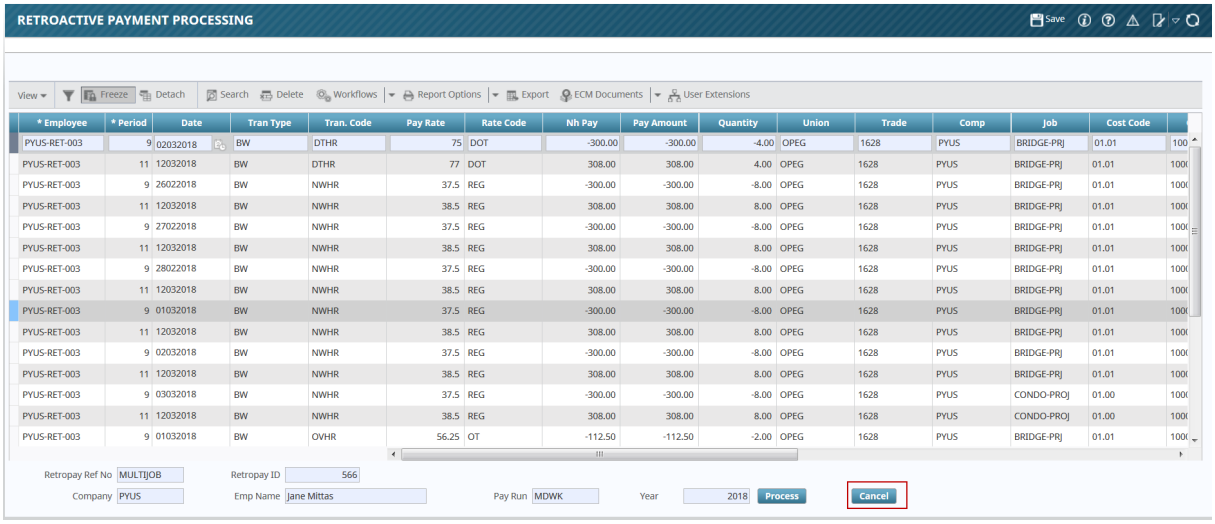
* Company	* Pay Run	* Year	* Period	* Employee No	Emp Full Name	* Tran Type	* Tran Code	Amount	Pay Amount	Gross Earning	Calculated Earnings	Work Location
PYUS	MDWK	201	11	PYUS-RET-003	Jane Mittas	BN	AUTP	55.00	55.00	8.00	8.00	050370360
PYUS	MDWK	2018	11	PYUS-RET-003	Jane Mittas	BN	UANG	3.20	0.00			050370360
PYUS	MDWK	2018	11	PYUS-RET-003	Jane Mittas	BN	UANG	18.40	0.00			050370360
PYUS	MDWK	2018	11	PYUS-RET-003	Jane Mittas	BW	DTHR	8.00	8.00			050370360
PYUS	MDWK	2018	11	PYUS-RET-003	Jane Mittas	BW	NWHR	8.00	8.00			050370360
PYUS	MDWK	2018	11	PYUS-RET-003	Jane Mittas	BW	NWHR	8.00	8.00			050370360
PYUS	MDWK	2018	11	PYUS-RET-003	Jane Mittas	BW	NWHR	8.00	8.00			050370360
PYUS	MDWK	2018	11	PYUS-RET-003	Jane Mittas	BW	NWHR	8.00	8.00			050370360
PYUS	MDWK	2018	11	PYUS-RET-003	Jane Mittas	BW	NWHR	8.00	8.00			050370360

PYUS - Marjan LOFT Construction USA
Payroll - Register Report

Page: 1 of 2
Date: Oct 02, 2018
Time: 11:45 PM EDT

Wages and Benefits				Deductions and Taxes			Employer Part		
Code	Description	Hours	Amount	Code	Description	Amount	Code	Description	Amount
FEIN#: MD14799001			Company: PYUS - Marjan LOFT Construction USA			Pay Run: MDWK			
Pay Period: 11		Start Date: 12032018			End Date: 18032018				
Employee: PYUS-RET-003	Jane Mittas		Union: OPEG	Operating Engineers - Local		Trade: 1628	Civil Engineer		
Check No.:		User Check No.: 427	Check Amount: 55.00			Check Date:			
Net Pay : 55.00									
AUTP	Auto All Paid		55.00						
Check Total			55.00						
Check No.:		User Check No.:	Check Amount: 0.00			Check Date:			
Net Pay : 0.00									
NWHR	Normal Hours	48.00		HLEE	HLEE	-30.00	UANG	U Eng	21.60
OVHR	Over-Time Hours	3.00		HLEF	HLEF	-23.90	HLEE	HLEE	70.00
DTHR	Double Over-Time	8.00		SDEE	SDEE3625 (**CA)	-0.59	HLEF	HLEF	175.00
				SSEE	SS Employee (*ALL)	-3.66	SSER	SS Employer (*ALL)	3.66
				ZMD2	Medicare EE (*ALL)	-0.85	ZME1	Medicare ER (*ALL)	0.85
							5606	5606-WCB	0.89
Check Total		59.00				-59.00			272.00
Employee Total		114.00				-59.00			272.00
Grand Total									
NWHR	Normal Hours	48.00		HLEE	HLEE	-30.00	5606	5606-WCB	0.89
OVHR	Over-Time Hours	3.00		HLEF	HLEF	-23.90	HLEE	HLEE	70.00
DTHR	Double Over-Time	8.00		SDEE	SDEE3625 (**CA)	-0.59	HLEF	HLEF	175.00
AUTP	Auto All Paid	55.00		SSEE	SS Employee (*ALL)	-3.66	SSER	SS Employer (*ALL)	3.66
				ZMD2	Medicare EE (*ALL)	-0.85	UANG	U Eng	21.60
							ZME1	Medicare ER (*ALL)	0.85
Grand Total		0.00	114.00			-59.00			272.00
Total Employees: 1		Net Pay	55.00		Check Amount	55.00			

Cancelling the Retropayment Processing Selection

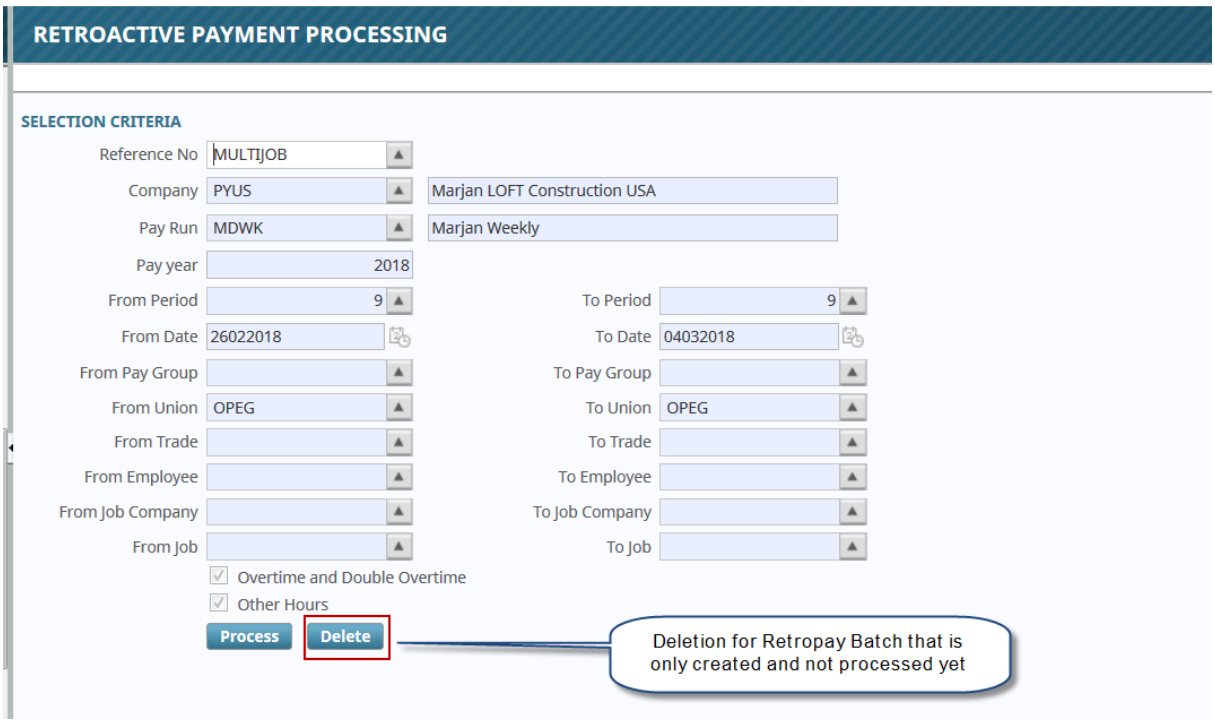


User can choose to cancel on the Timesheet Selection screen and not process with processing of the retroactive Payment. Once cancelled, user can review the entered data by Reference No LOV, on Retroactive Payment Processing parameter screen.

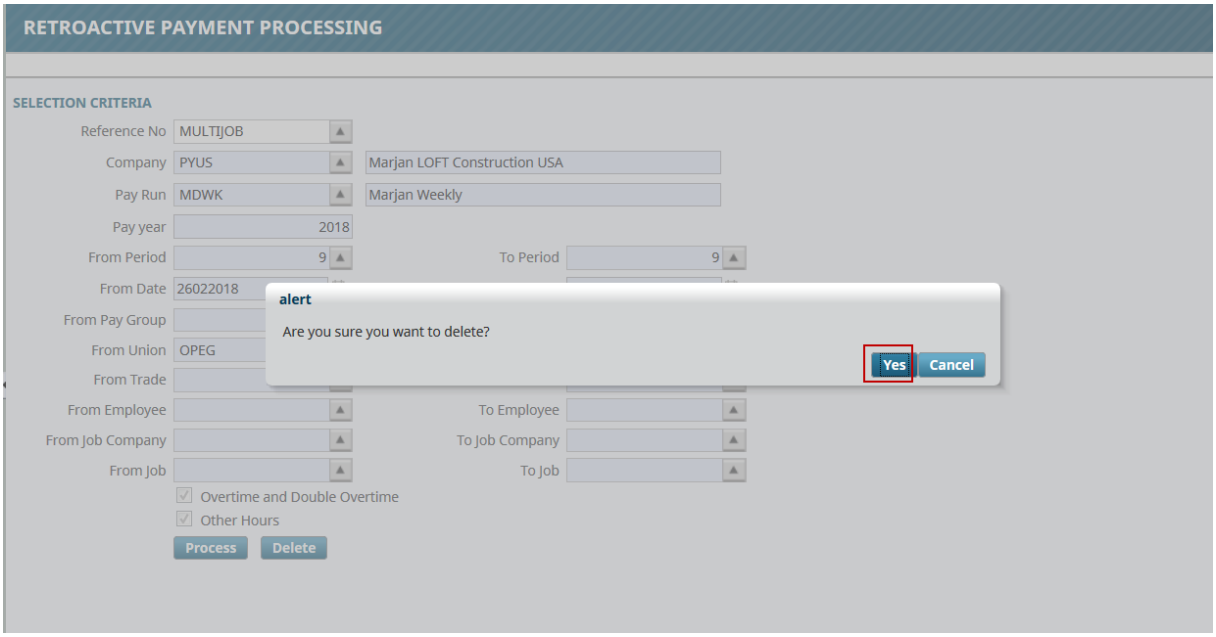
Retroactive Payment Deletion- Unprocessed Stage

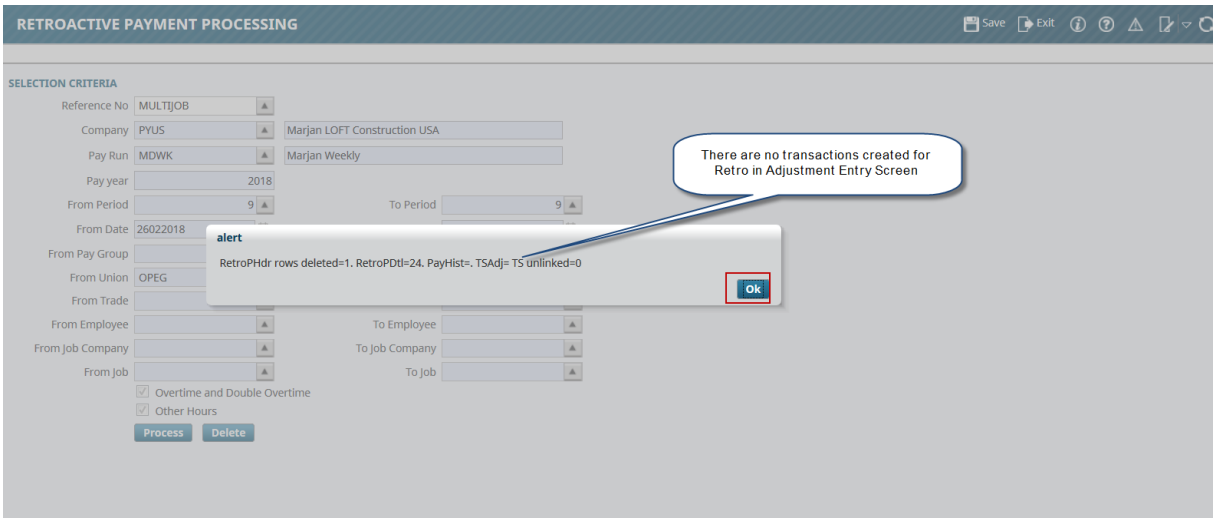
User can select to ‘Delete’ or ‘Cancel Delete’ the Retroactive Payment.

Selecting to ‘Delete’ will Delete all the transactions against the Retroactive payment Reference Number provided the pay check is not processed against any transaction. This process will delete all the records from Retro Payment table (if exists), Salary adjustment (if exists), Payroll Employee Pay History (if exists) and Retro Payment Reference Master Table.

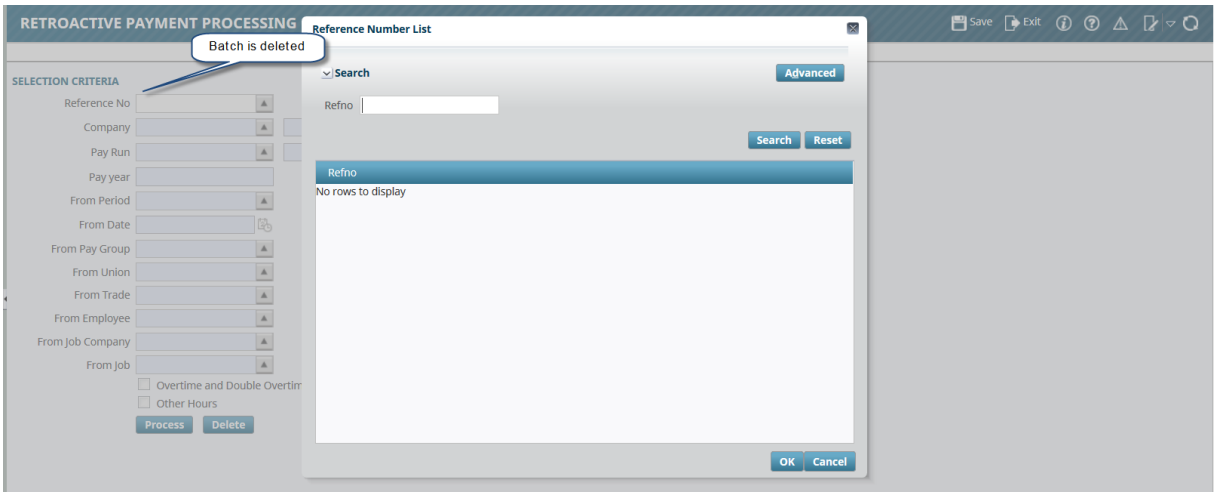


In this Reference Number, user has not processed a Retroactive Payment yet. There are no transactions created yet. Please see message below.



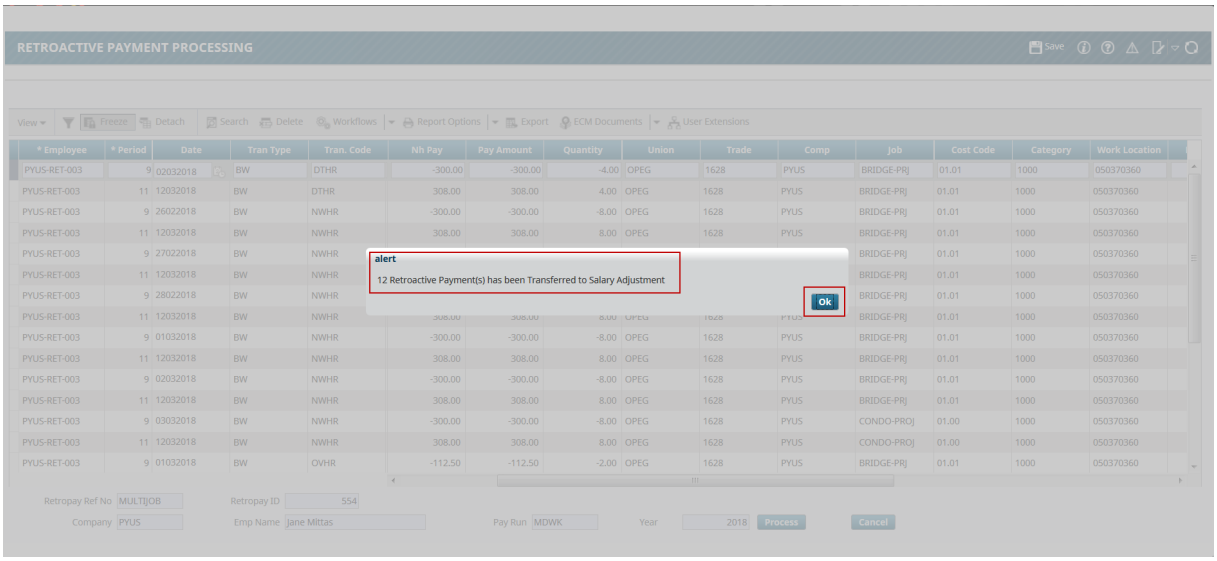


Retroactive Pay Reference Number is deleted.

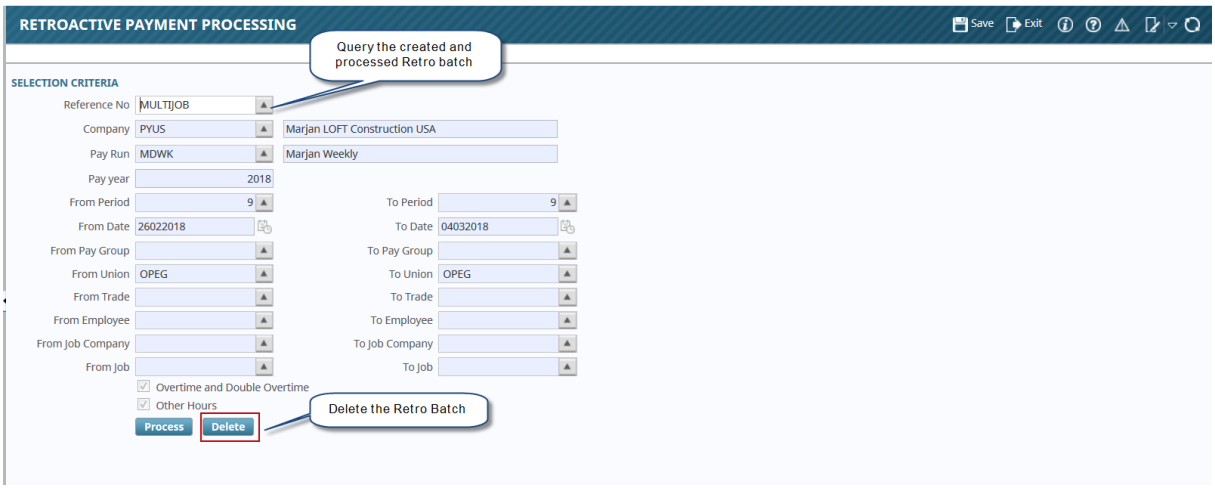


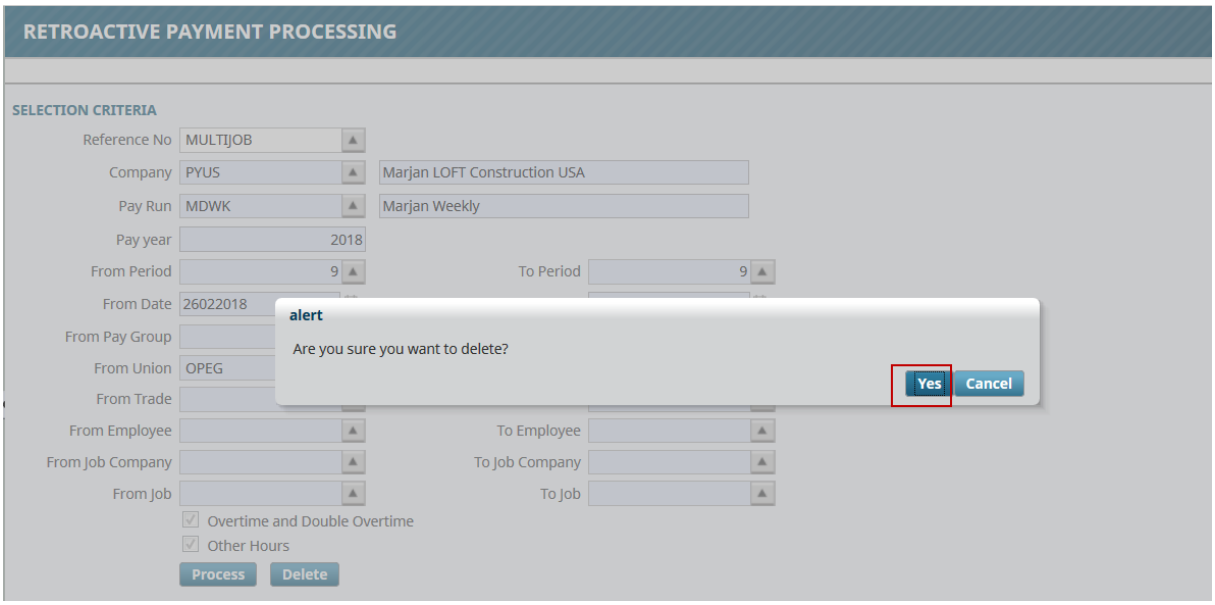
Retroactive Payment Deletion- Processed Stage

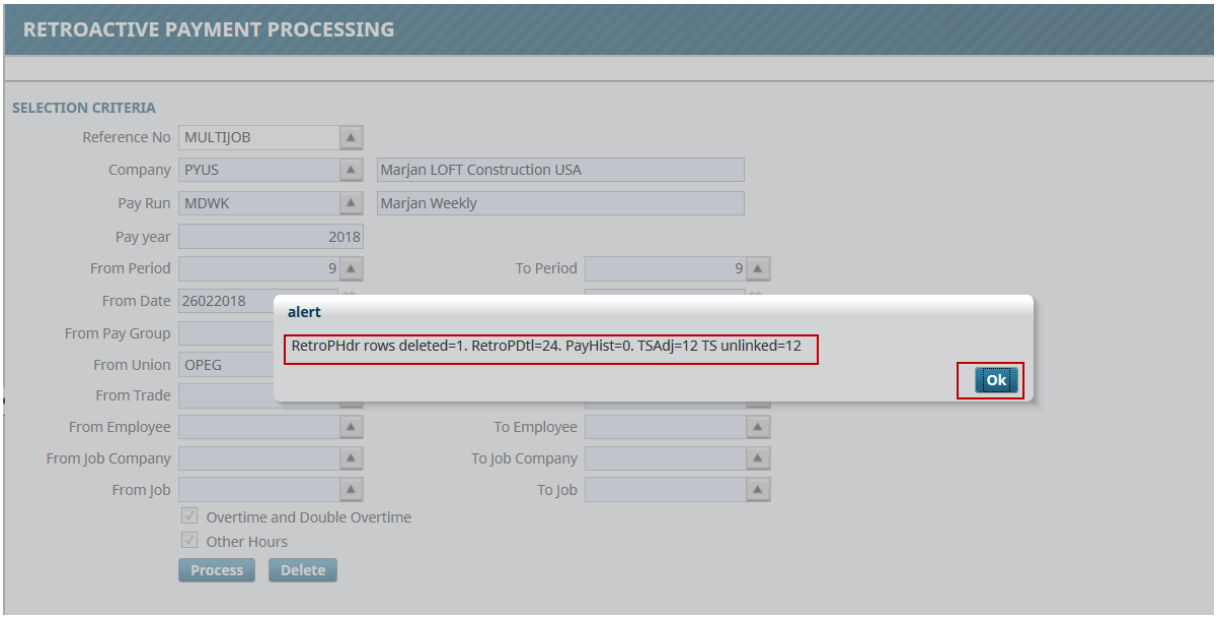
Once the Retroactive Payment is processed, records are created and transferred to Salary Adjustment for further processing. At this stage too, the user is allowed to delete the Retroactive Payment. The deletion will delete as under:



Query the created batch with processed retropay transactions





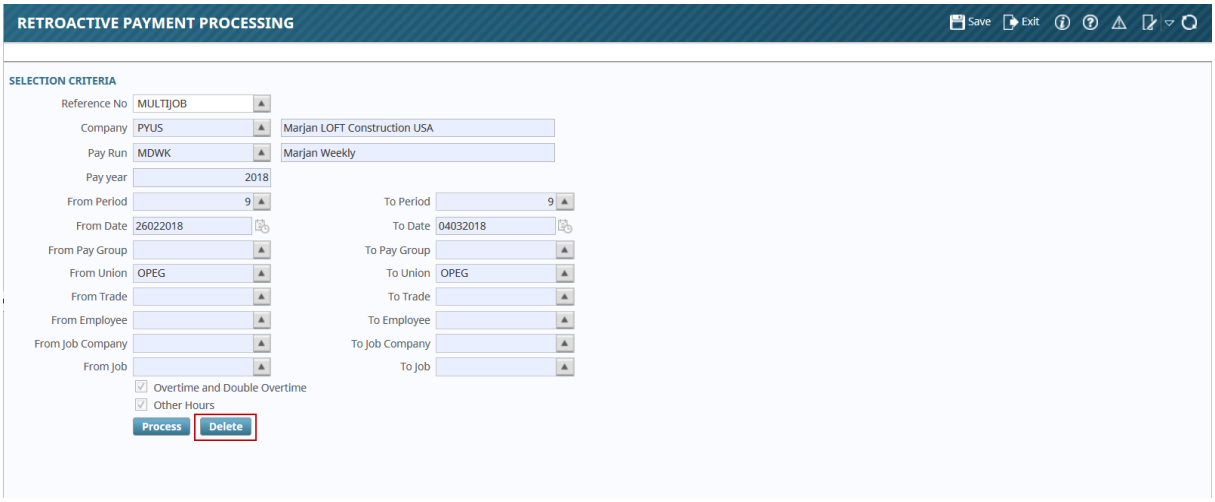


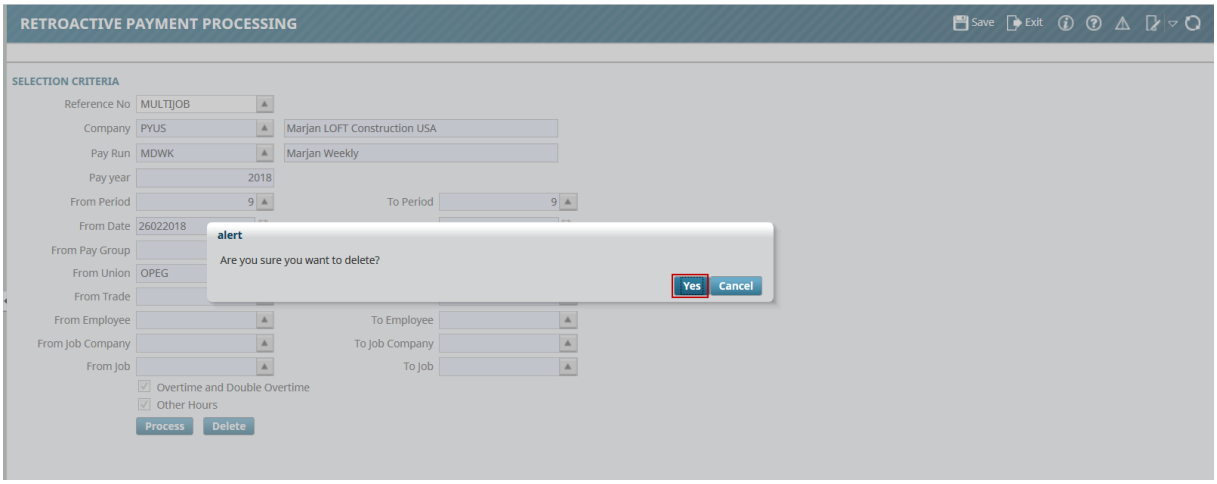
Selecting to 'Delete' will delete all the transactions against the Retroactive payment Reference Number provided the pay check is not processed against any transaction. This process will delete all the records from Retro Payment table (if exists), Salary adjustment (if exists), Payroll Employee Pay History (if exists) and Retro Payment Reference Master Table.

In this example, Salary Adjustment records created from Retroactive Payment Processing are all deleted. There are no Employee Pay History Records yet, so none are deleted. 50 Retroactive records are deleted along with Retropay Header Row.

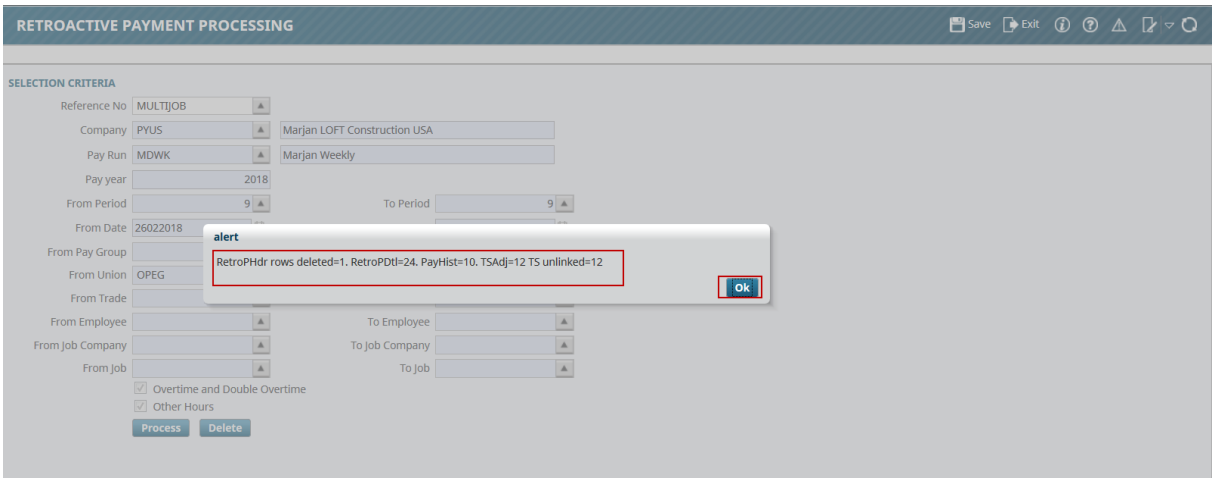
Retroactive Payment Deletion – After Payroll processing

Retroactive Payments deletion after payroll processing stage





Now the Employee Pay History created by payroll processing is now deleted as well, along with Retroactive Payment Records and Header and Salary Adjustment records.



Union Pay Rates by Cost Code and Category – (17.44698)

PHASE 1

CMiC has modified the **'Union Pay Rates Maintenance'** screen to add **'Cost Code'** and **'Category'** Columns in the detail block. These columns will be added after the Shift field.

If in the top block '**Job**' is selected as **'*'** then Cost Codes and Categories in the detail block list will show the values from the appropriate Master Tables. Whereas, if a specific job will be selected in the top block then the Cost Codes and Categories attached to the that job will be shown in the list. All the required validations will be written to make sure the entry of valid records only.

User will be able to enter **'*'** in Cost Codes and Category fields to apply the same rate against All Cost Codes and Categories for specific jobs. A combination of entering values against **'*'** (All Cost Codes) in one line and entering a Specific Cost Code in other line (for the same job) will not be allowed, same rule will be applied for Entering Categories.

Payroll's Rate calculation (union's rate calculation part) functionality will also be modified to consider the Cost Codes and Category and calculate the rate as per new setup.

PHASE 2

The Existing '**Copy From**' functionality will also be modified to give user an option to select the '**To Job**'. Currently system only allows to enter a **'To Company'** to copy data from one company to another company, but now system will also allow to select the 'To Job' to copy from one Job to another Job. Modification details are as follows:

> User is supposed to select a specific job (as From Job) on the main screen (header block), it should not be selected as '*' Job.

> In the same way User will have to provide a VALID and specific 'To Job' value, entering 'To Job' value as '*' will not be allowed.

> If 'From Job' has data entered against ALL Cost codes (*) and ALL Categories (*), then system will copy data to ALL cost codes and ALL categories of the 'To Job'.

> If 'From Job' has data entered against Specific Cost codes and ALL Categories (*), then system will copy data to Specific cost codes and ALL categories of the 'To Job' (if matching data found).

> If 'From Job' has data entered against Specific Cost codes and Specific Categories, then system will copy data to Specific cost codes and Specific categories of the 'To Job' (if matching data found).

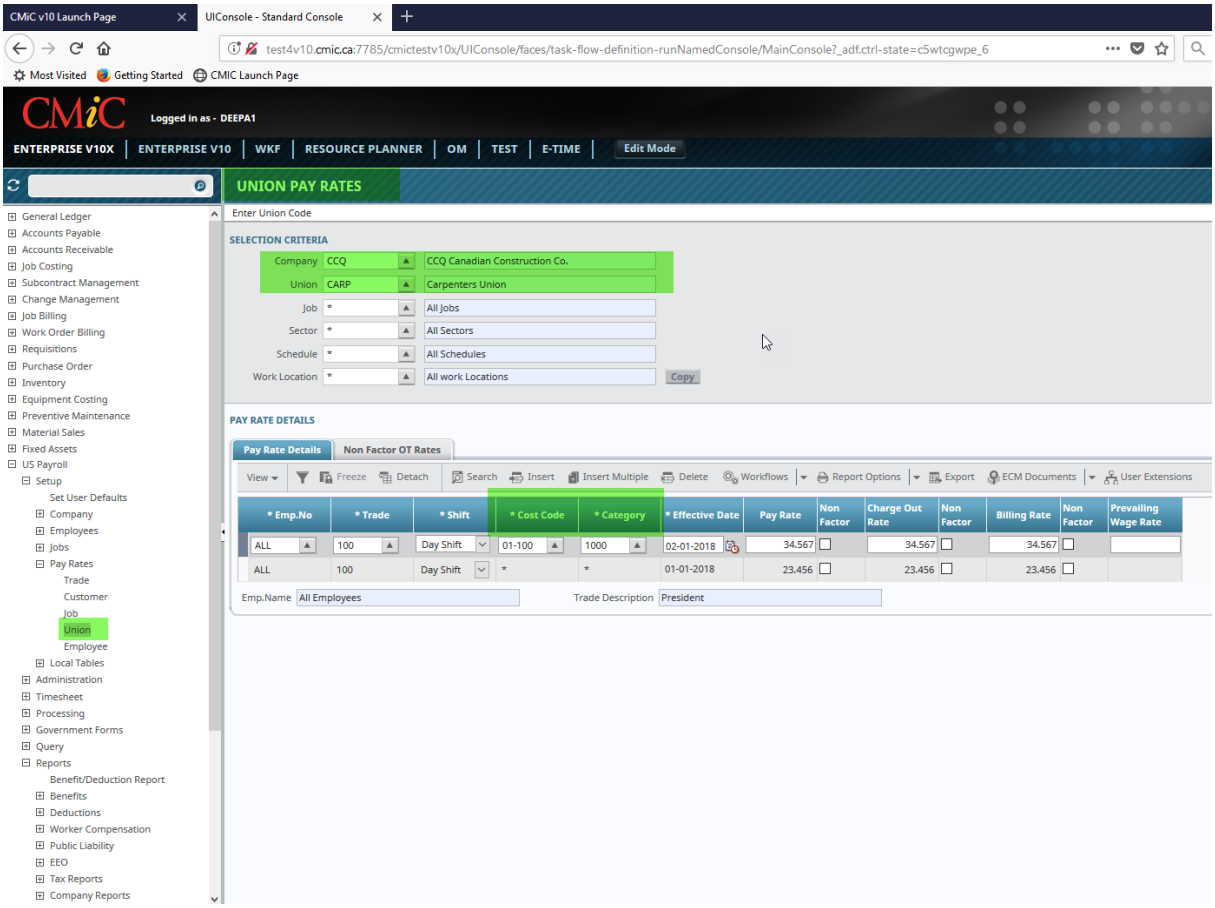
> All the existing setup against the 'From Job' (such as Employee, Trade, Shift..... columns) available in the detail block will be copied to selected 'To Job'.

Define valid data setups for Union Pay Rates:

US Payroll/International Payroll > Setup > Pay Rates > Union

Complete the setups as seen below:

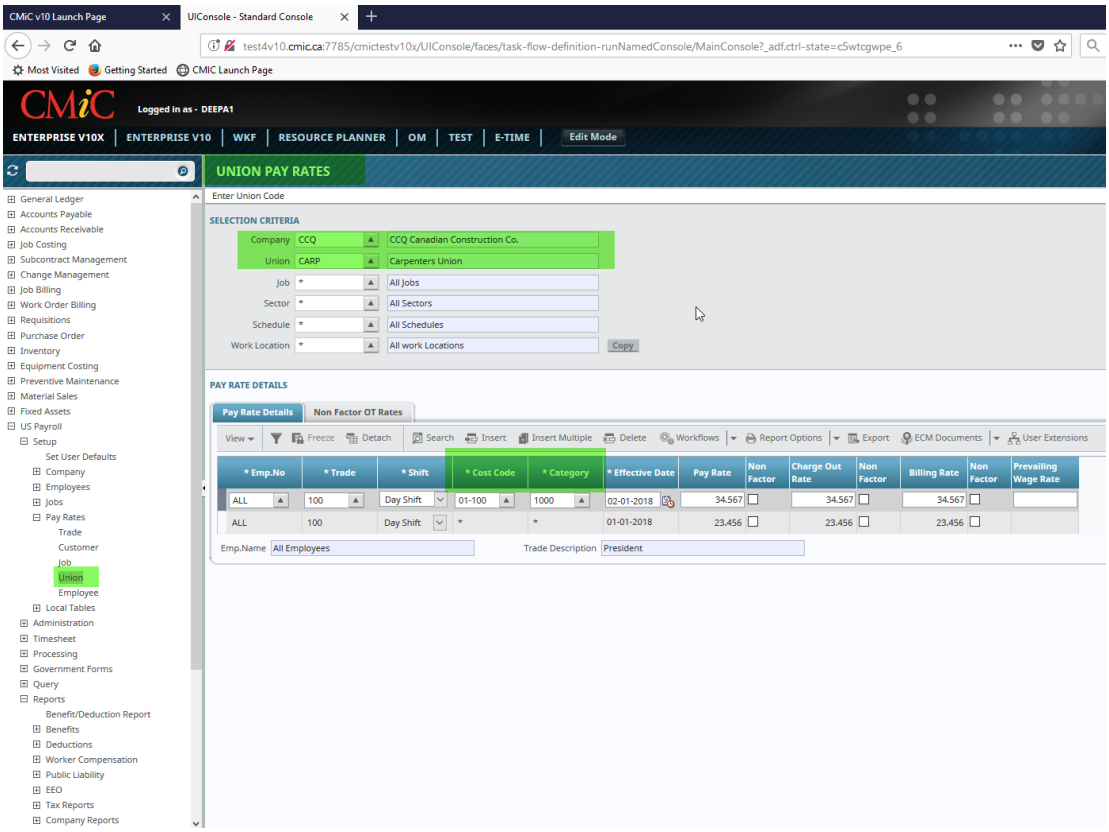
Enter Company and Union as highlighted below. The new fields "Cost Code" and "Category" are available.



PHASE 1:

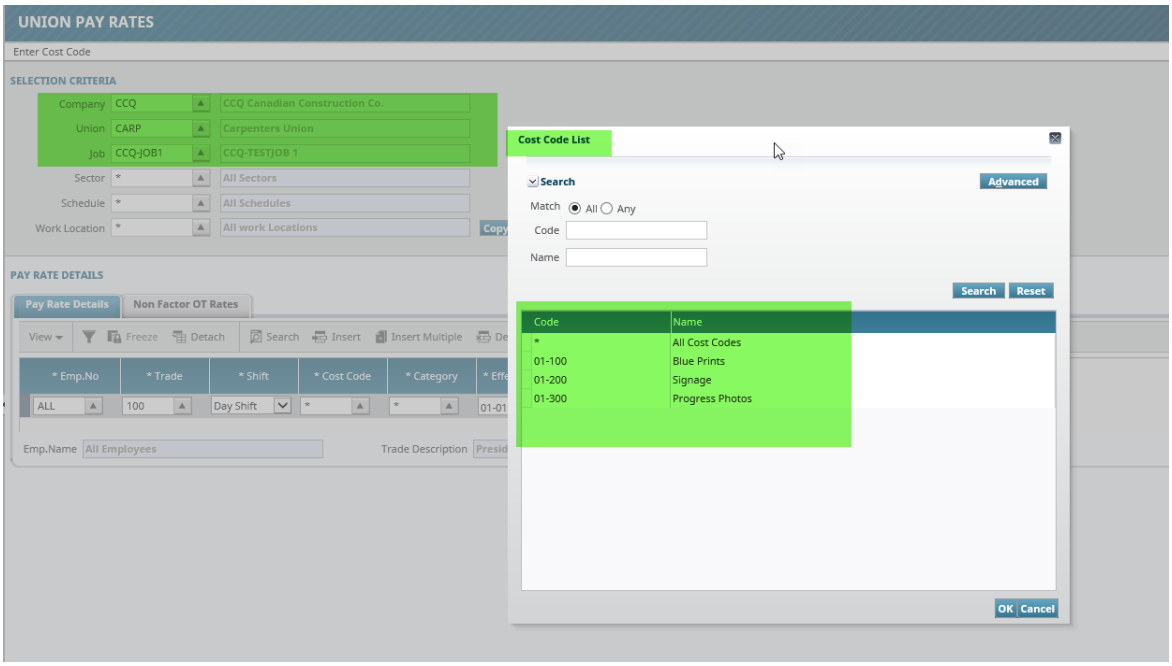
1) New columns “Cost Code” and “Category” added in the detail block in the Union Pay Rates maintenance screen. Fields are added after the Shift Field

2) Top Block Job is selected as *: Cost Code and Category in the detail block list will show the values from the Master table

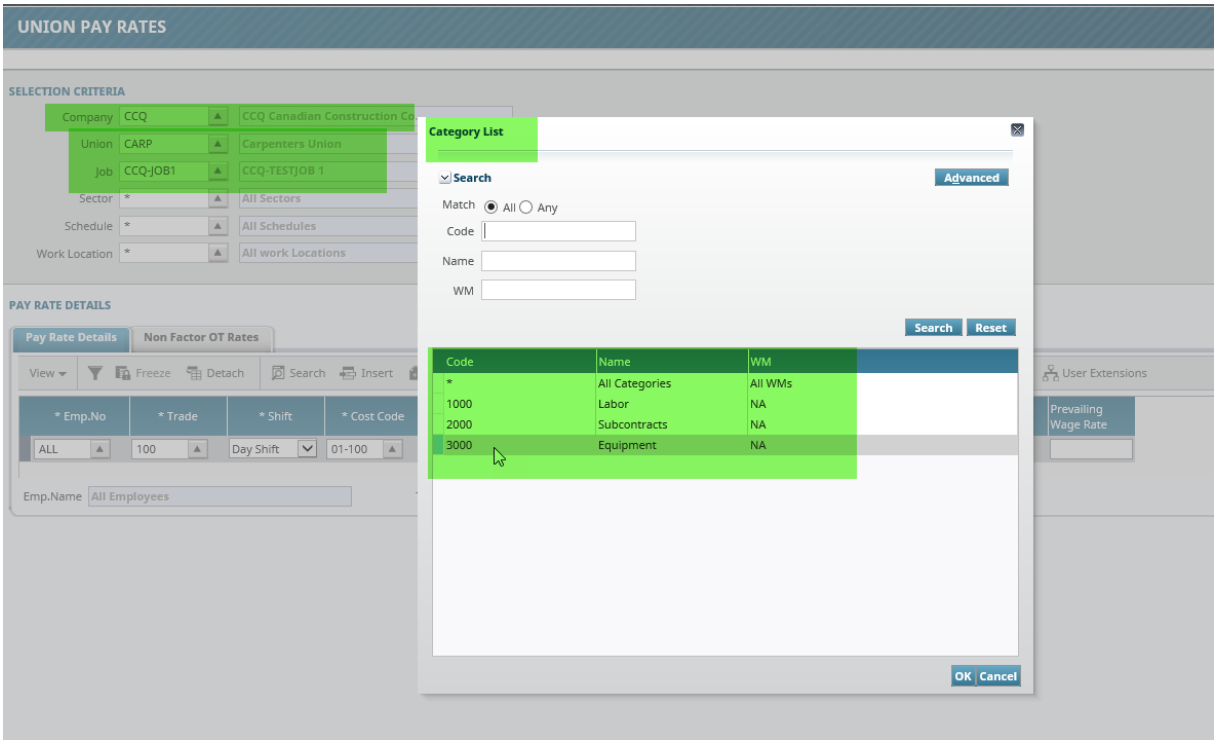


3) Top Block Job is selected as a specific job: Cost Code and Category in the detail block list will show the values attached to that job.

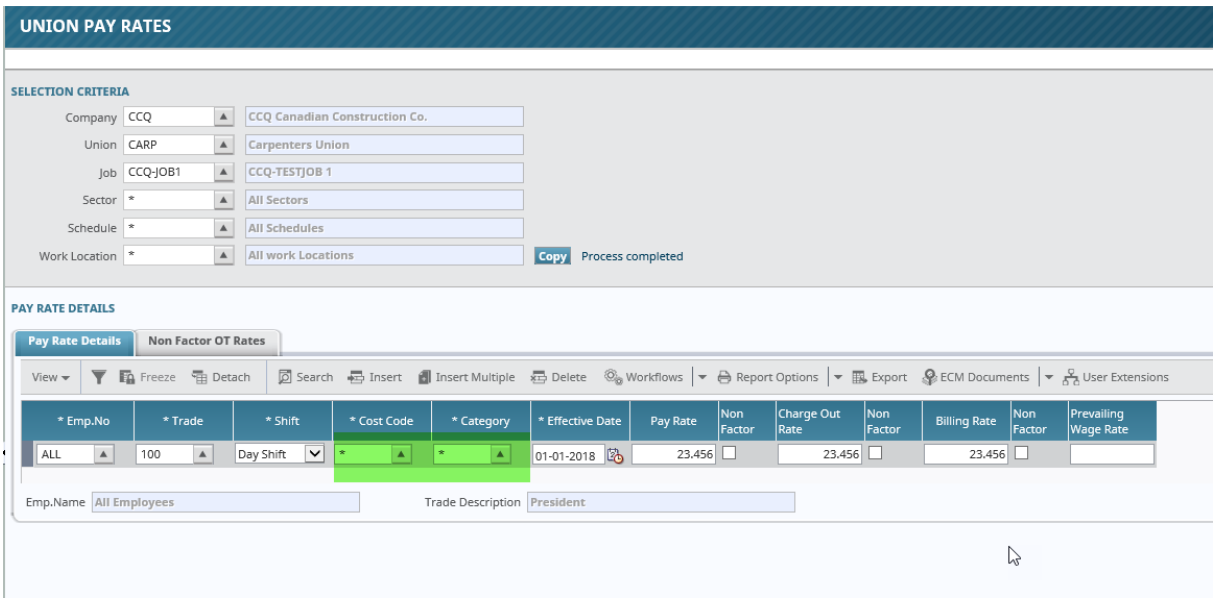
Cost Code popup:



Category Pop-Up:

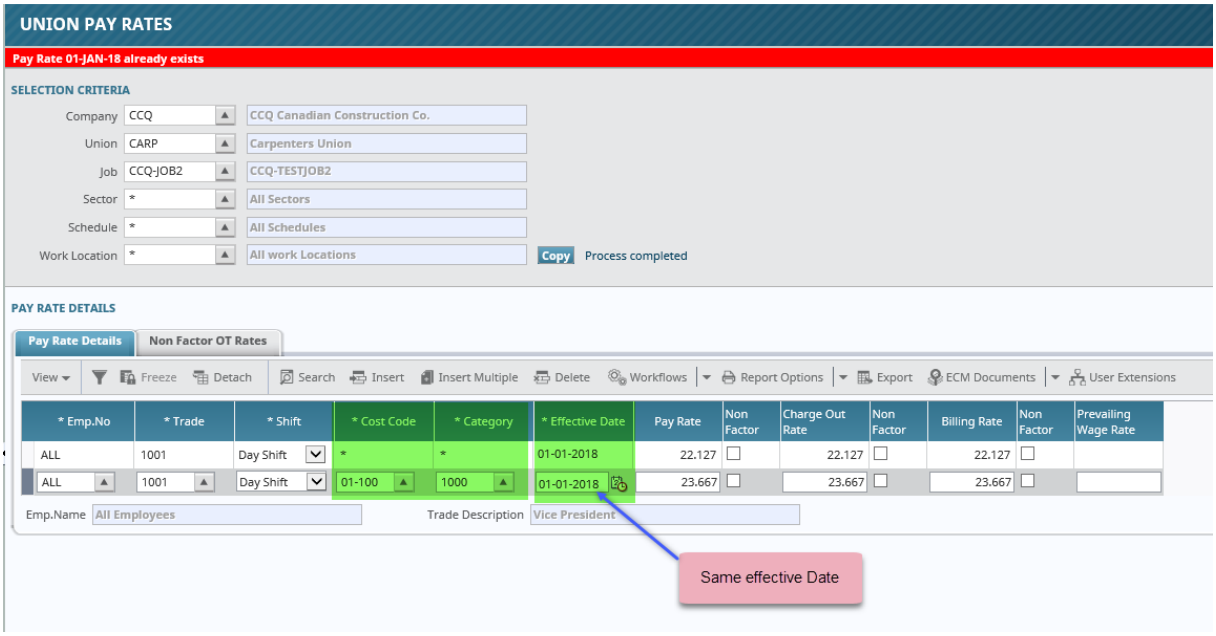


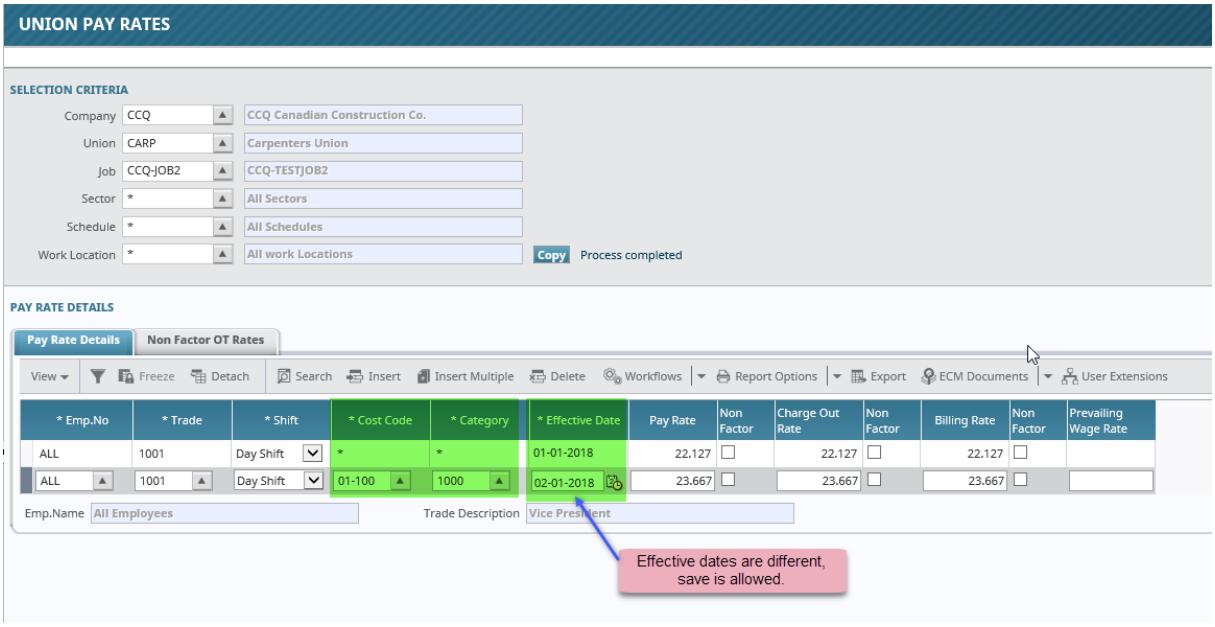
4) Entering * in Cost Code and Category columns is allowed. This will apply same Pay Rate across all Cost Codes and Categories under the job selected.



5) A combination of entering values against '*' (All Cost Codes) in one line and entering a specific Cost Code in other line (for the same job) will not be allowed, same rule will be applied for Entering Categories.

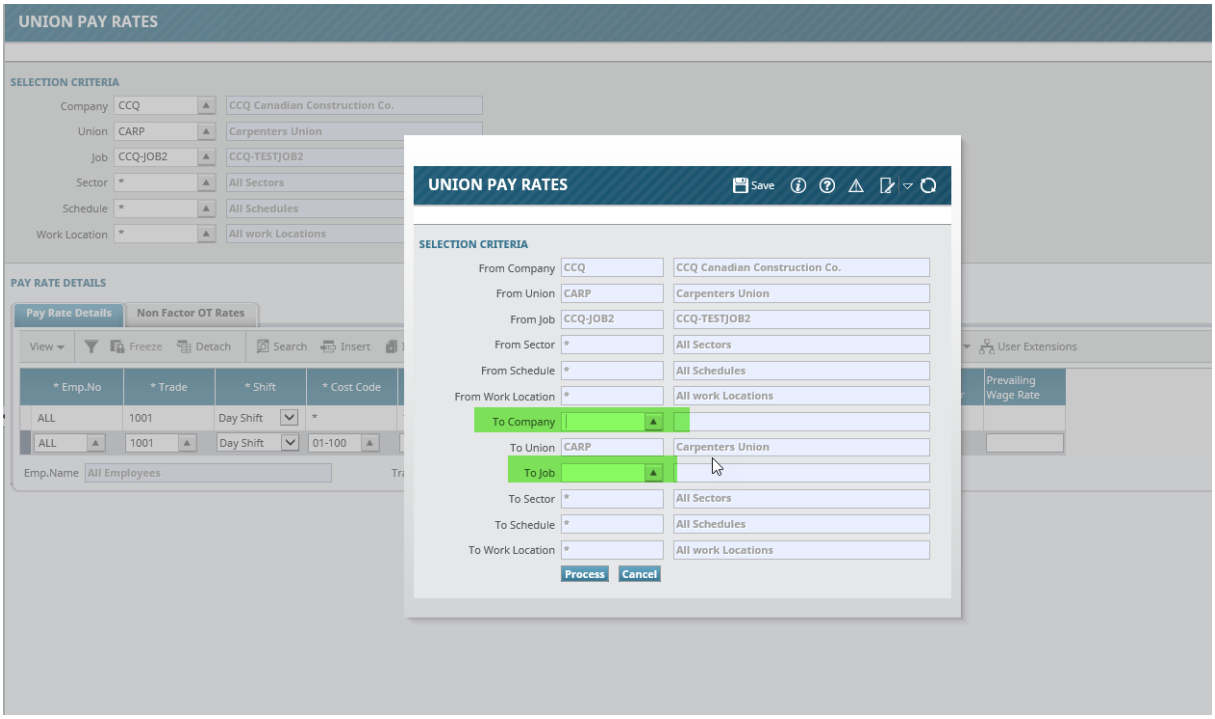
User will be allowed to enter * in one row and select a cost code/category in the other row with different effective dates. If the dates are selected as same, it is not allowed.



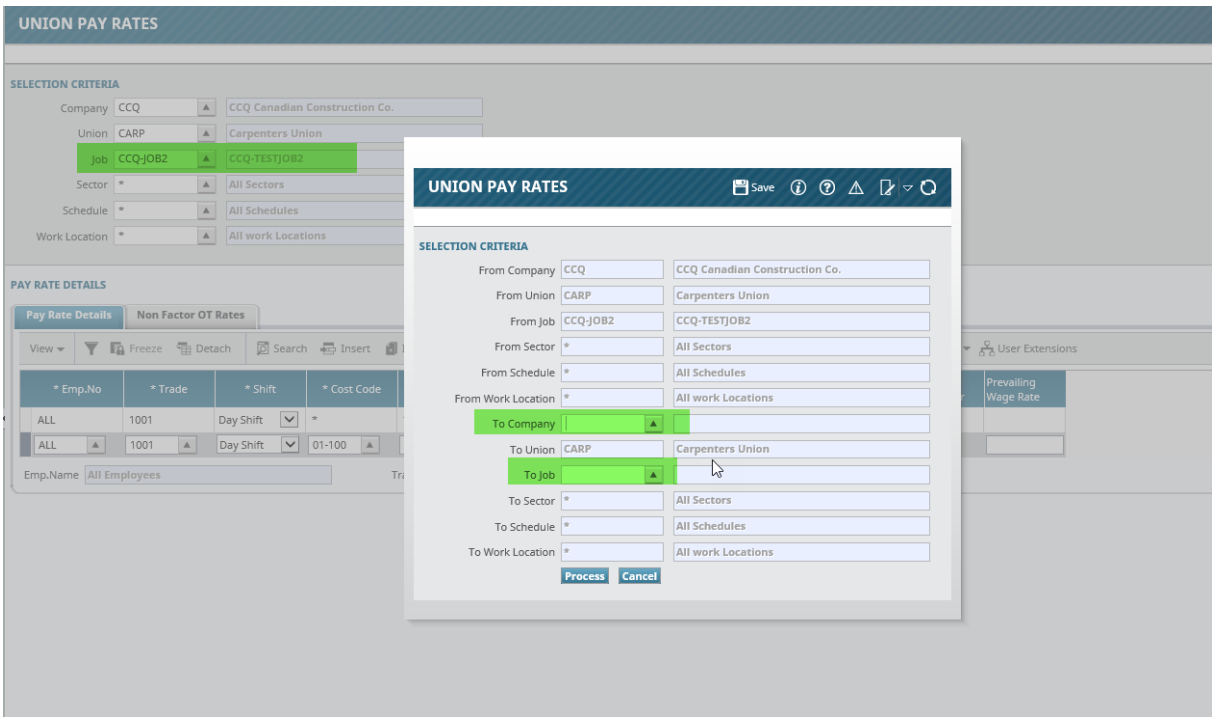


PHASE 2:

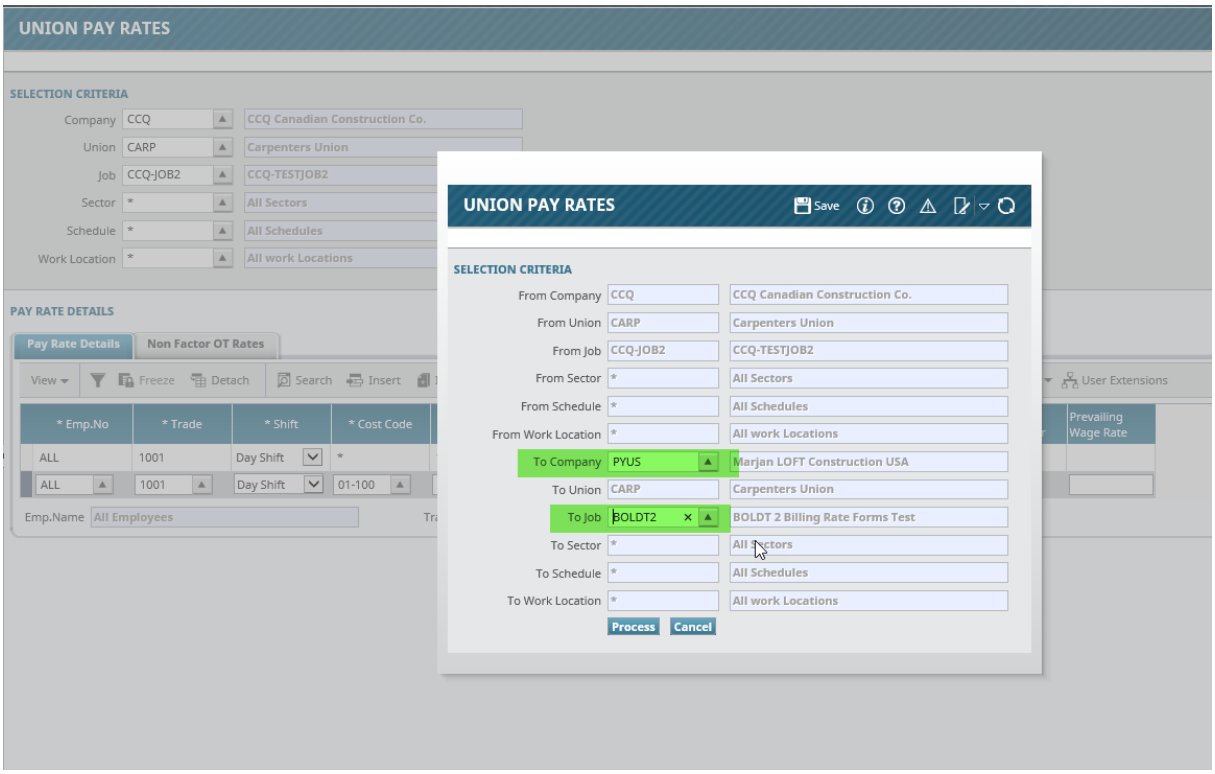
1) The Existing 'Copy From' functionality is also be modified to give user an option to select the 'To Job'. Previously, the system only allowed to enter a 'To Company' to copy data from one company to another company, but now system will also allow to select the 'To Job' to copy from one Job to another Job.



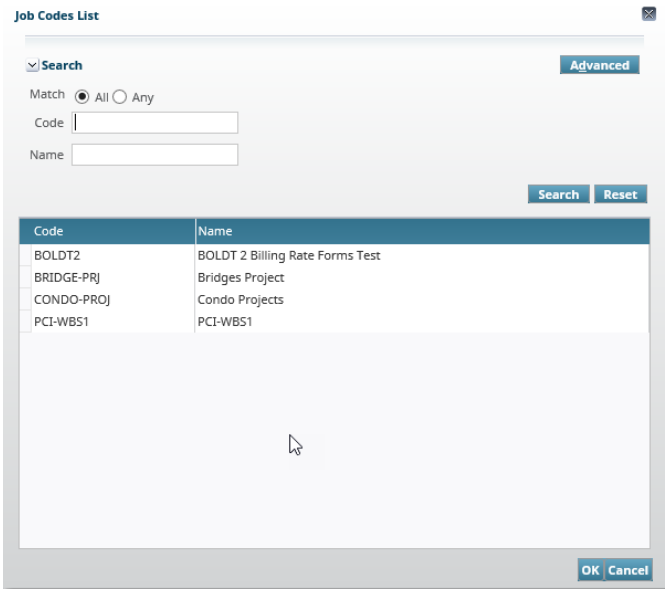
2) User is supposed to select a specific job (as From Job) on the main screen (header block), it should not be selected as '*' Job



3) In the same way User will have to provide a VALID and specific 'To Job' value, entering 'To Job' value as '*' will not be allowed.



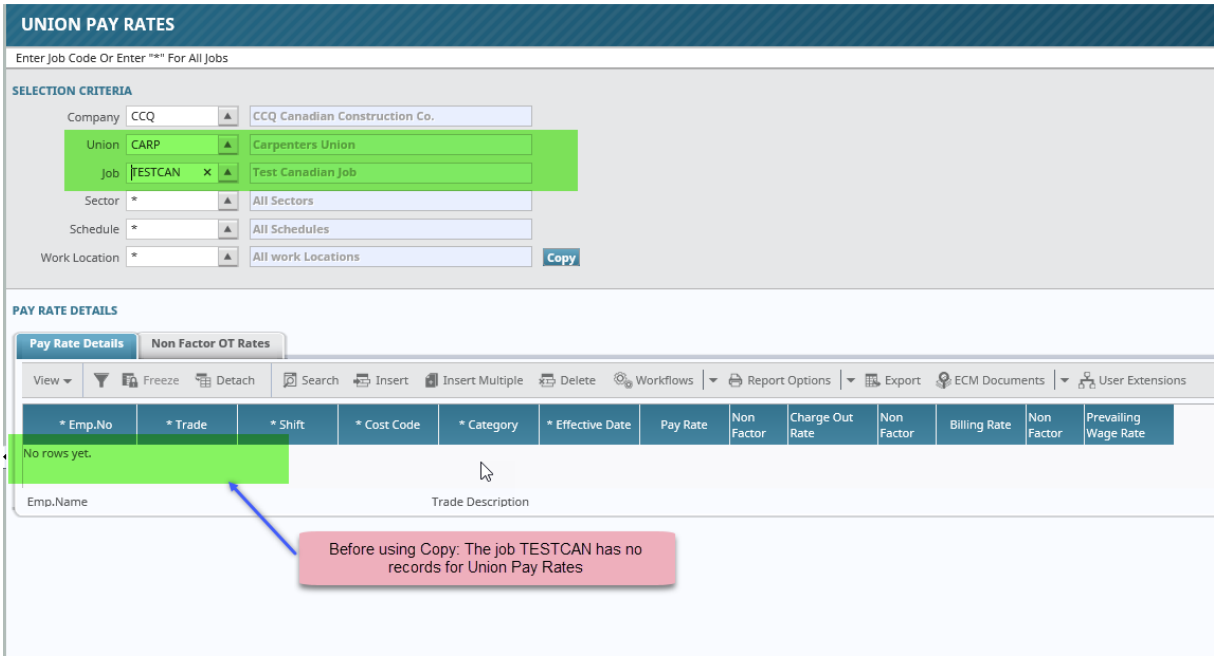
Unable to select “To Job” as “*”



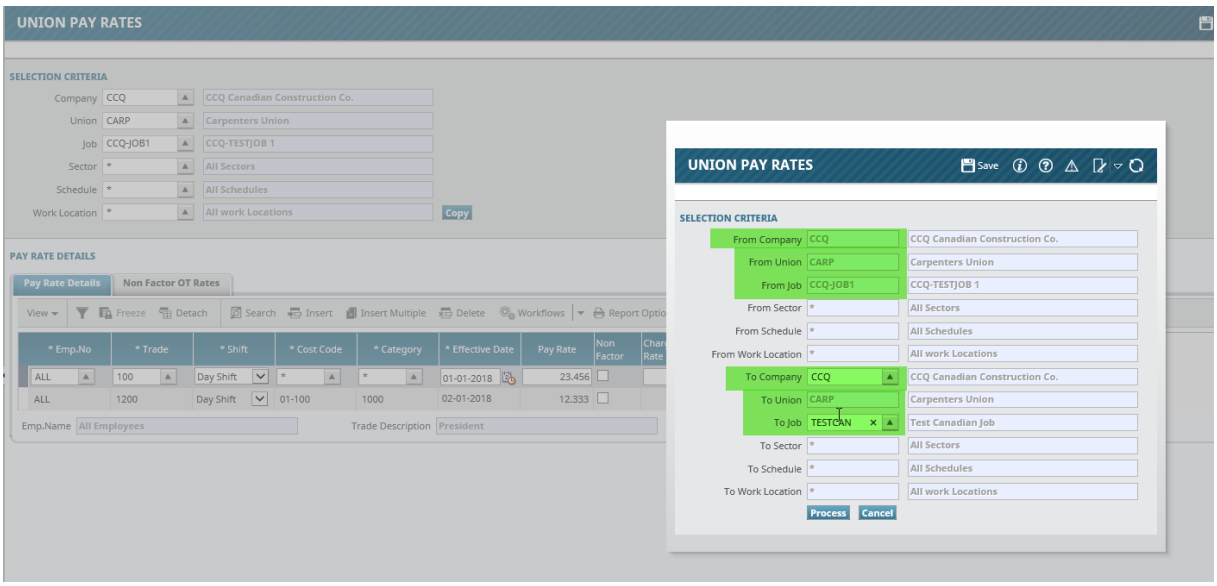
4) If 'From Job' has data entered against ALL Cost codes (*) and ALL Categories (*), then system will copy data to ALL cost codes and ALL categories of the 'To Job'.

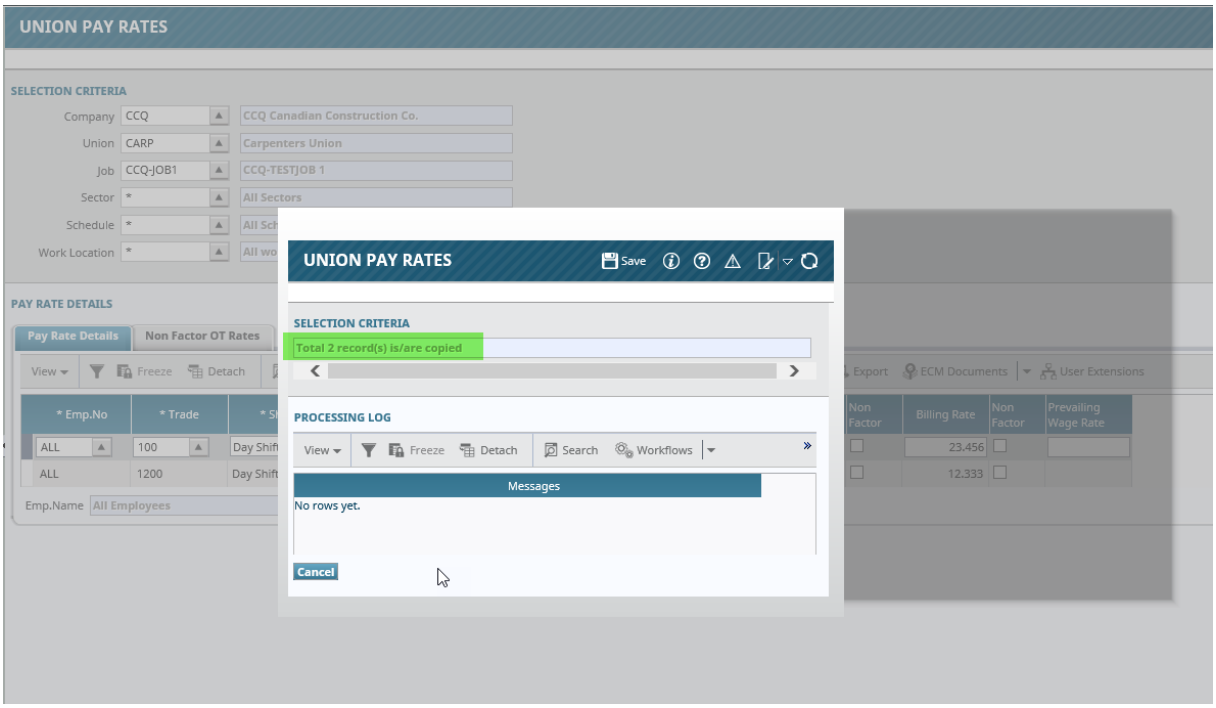
Select Union CARP and Job as CCQ-JOB1 and press COPY button.

JOB TESTCAN prior to Copy:

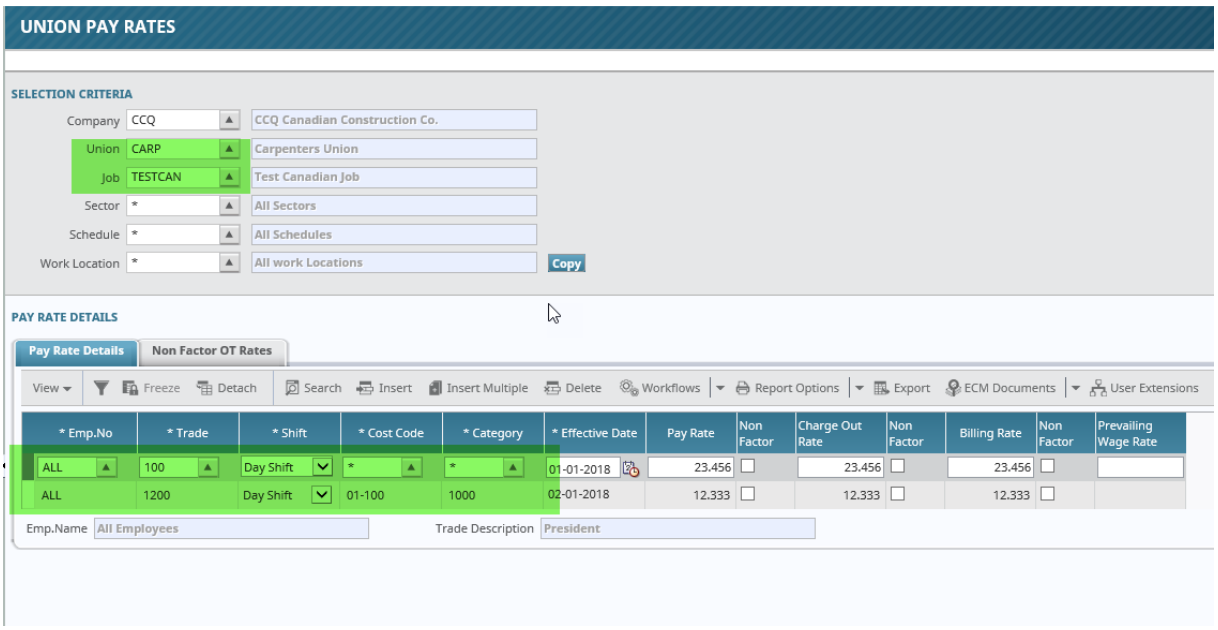


Using Copy function:



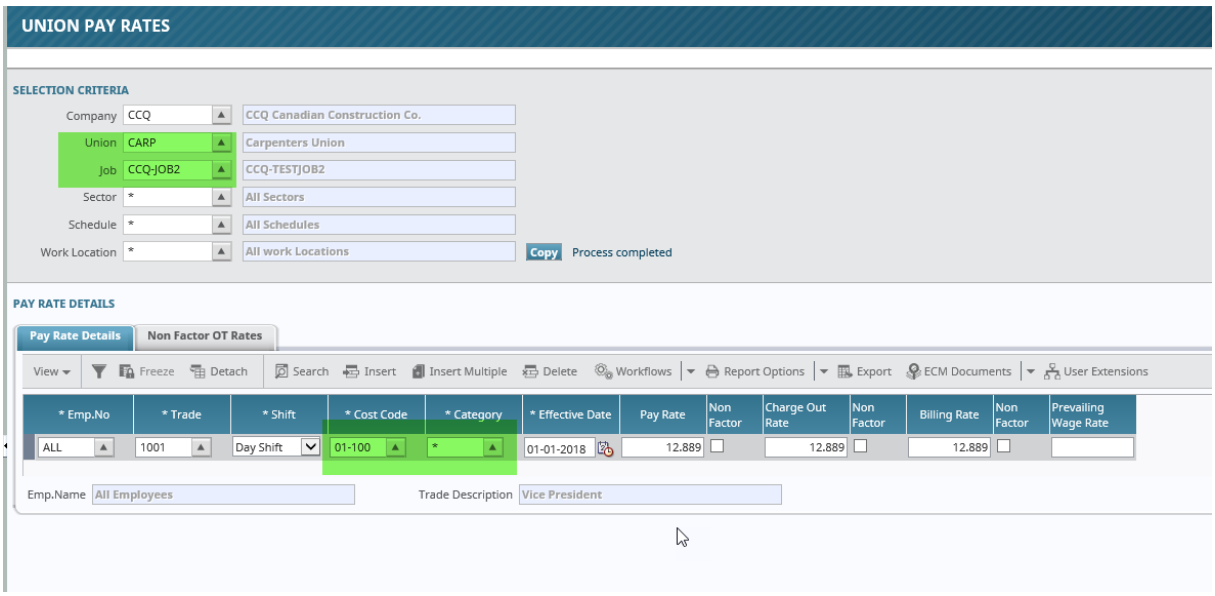


After Copy is complete

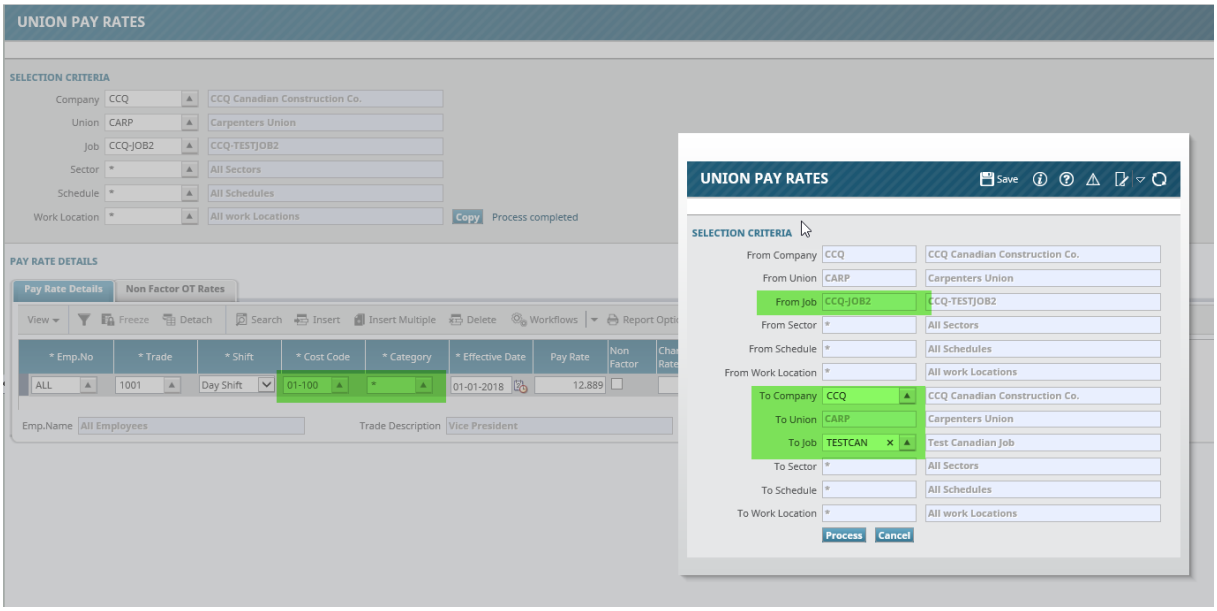


5) If 'From Job' has data entered against Specific Cost codes and ALL Categories (*), then system will copy data to Specific cost codes and ALL categories of the 'To Job' (if matching data found)

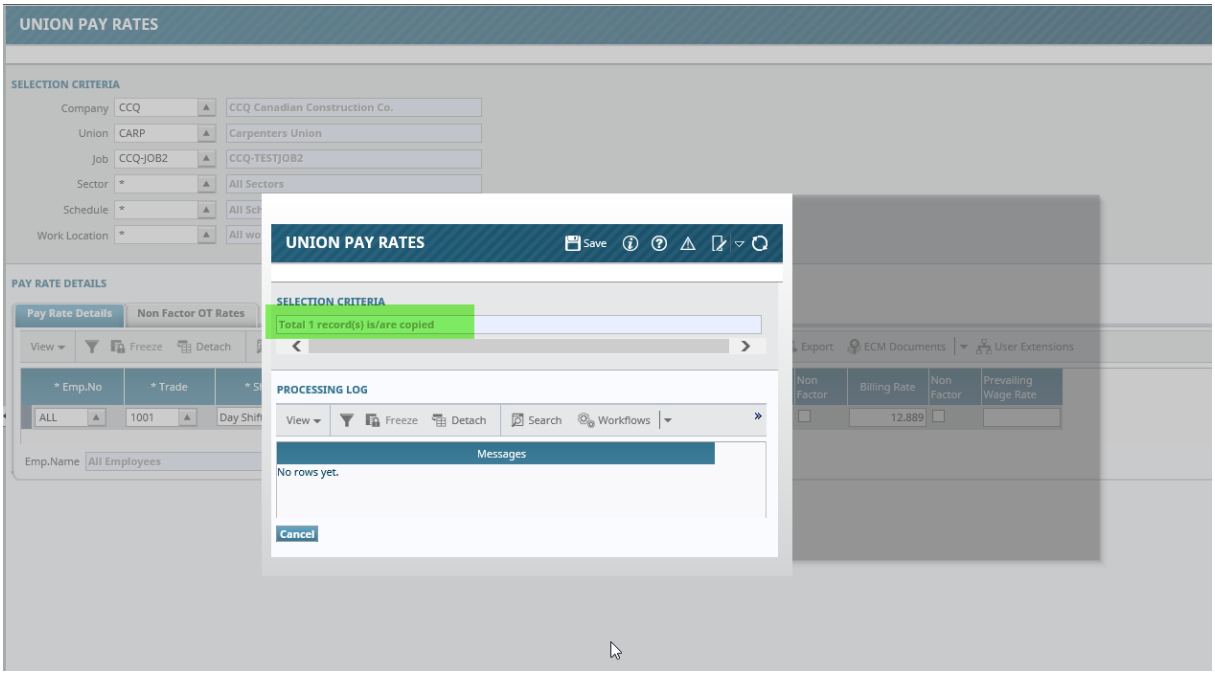
From JOB and its setups:

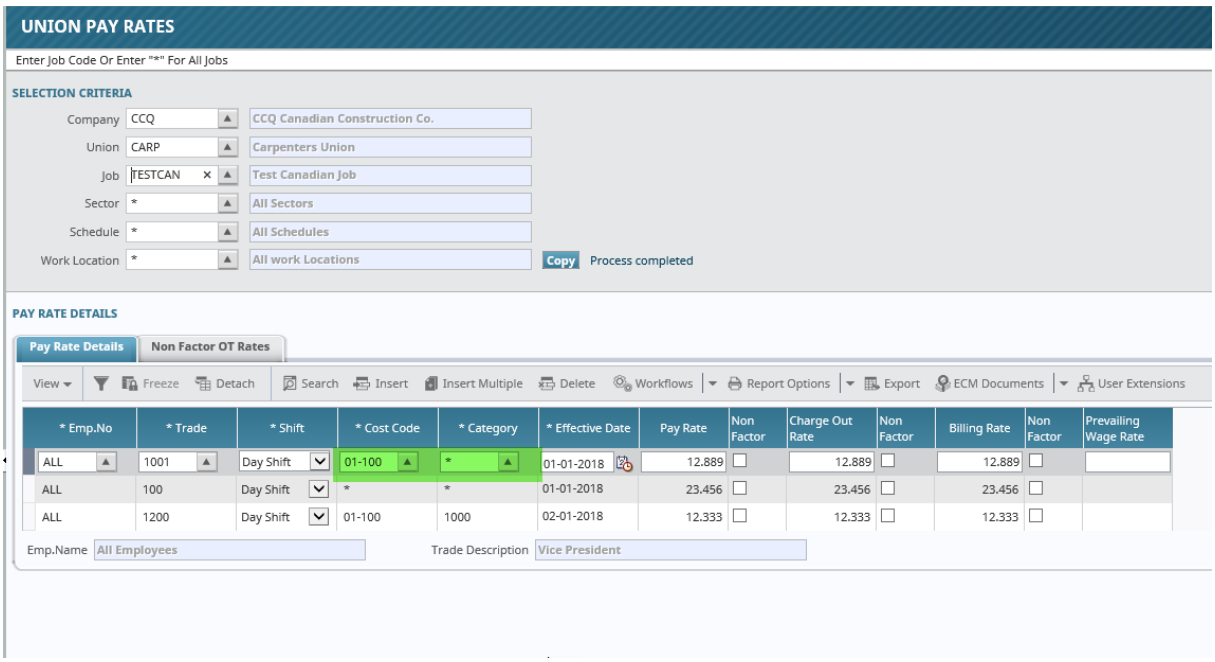

UNION PAY RATES
SELECTION CRITERIA
Company CCQ CCQ Canadian Construction Co.
Union CARP Carpenters Union
Job CCQ-JOB2 CCQ-TESTJOB2
Sector * All Sectors
Schedule * All Schedules
Work Location * All work Locations
Copy
Process completed
PAY RATE DETAILS
Pay Rate Details
Non Factor OT Rates
View
Freeze
Detach
Search
Insert
Insert Multiple
Delete
Workflows
Report Options
Export
ECM Documents
User Extensions
* Emp.No
* Trade
* Shift
* Cost Code
* Category
* Effective Date
Pay Rate
Non Factor
Charge Out Rate
Non Factor
Billing Rate
Non Factor
Prevailing Wage Rate
ALL
1001
Day Shift
01-100
*
01-01-2018
12.889
12.889
12.889
Emp.Name All Employees
Trade Description Vice President

Copy


UNION PAY RATES
SELECTION CRITERIA
Company CCQ CCQ Canadian Construction Co.
Union CARP Carpenters Union
Job CCQ-JOB2 CCQ-TESTJOB2
Sector * All Sectors
Schedule * All Schedules
Work Location * All work Locations
Copy
Process completed
PAY RATE DETAILS
Pay Rate Details
Non Factor OT Rates
UNION PAY RATES
Save
SELECTION CRITERIA
From Company CCQ CCQ Canadian Construction Co.
From Union CARP Carpenters Union
From Job CCQ-JOB2 CCQ-TESTJOB2
From Sector * All Sectors
From Schedule * All Schedules
From Work Location * All work Locations
To Company CCQ CCQ Canadian Construction Co.
To Union CARP Carpenters Union
To Job TESTCAN Test Canadian Job
To Sector * All Sectors
To Schedule * All Schedules
To Work Location * All work Locations
Process
Cancel

TESTCAN JOB after the Copy is processed:



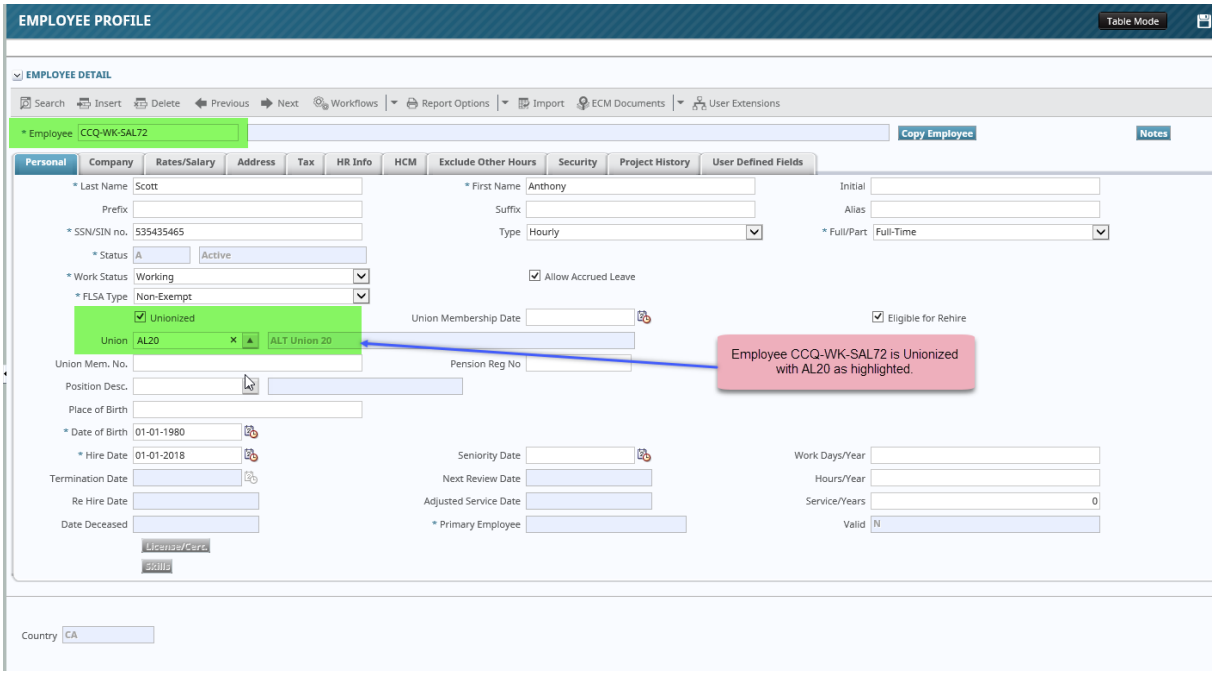


6) If 'From Job' has data entered against Specific Cost codes and Specific Categories, then system will copy data to Specific cost codes and Specific categories of the 'To Job' (if matching data found). (As covered in STEP 4)

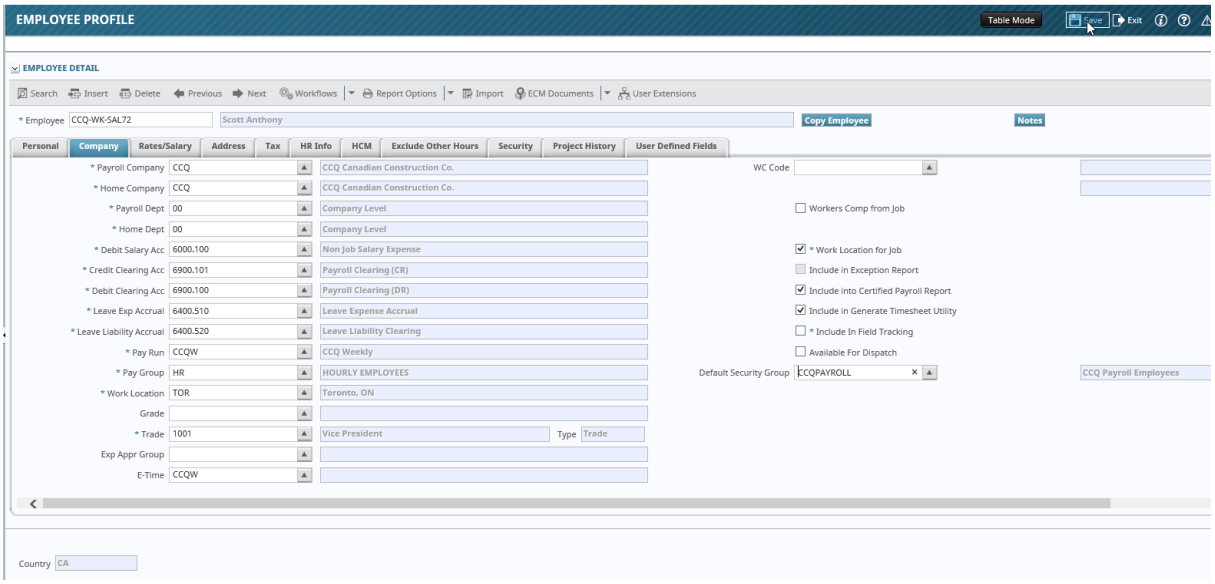
PHASE 3:

Union pay rates and flow of data in timesheet based on payrates setup

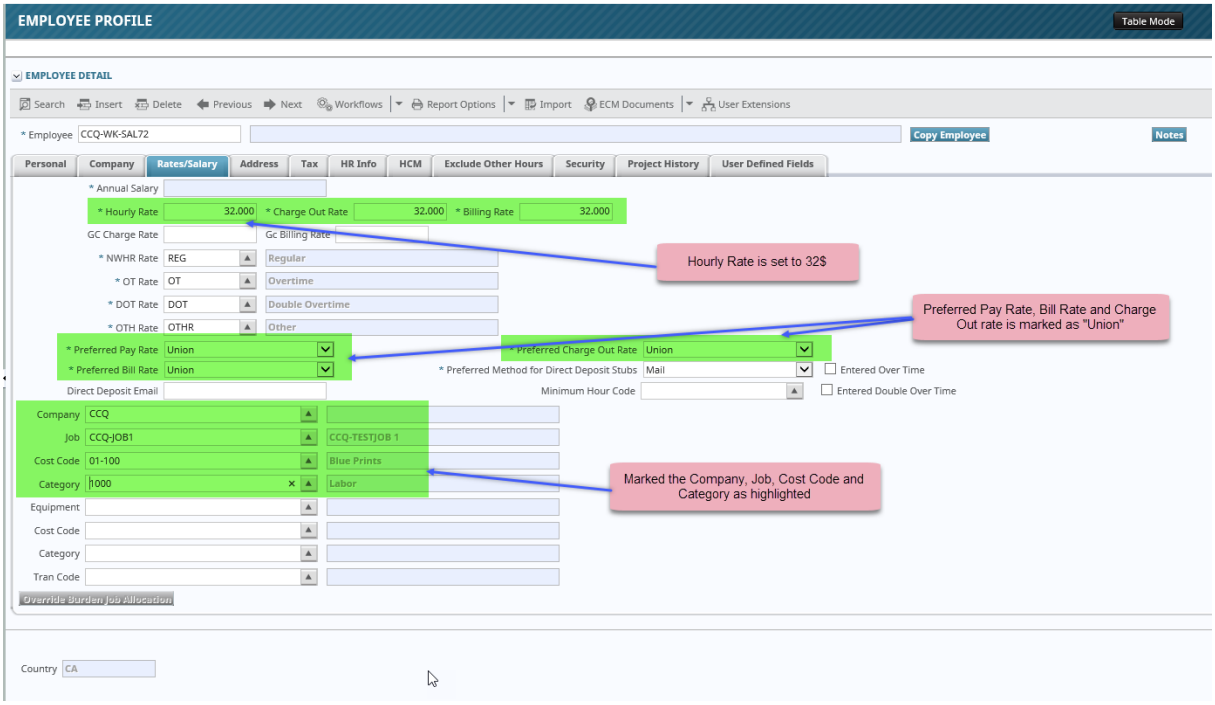
Employee with Union Pay Rates setup below:



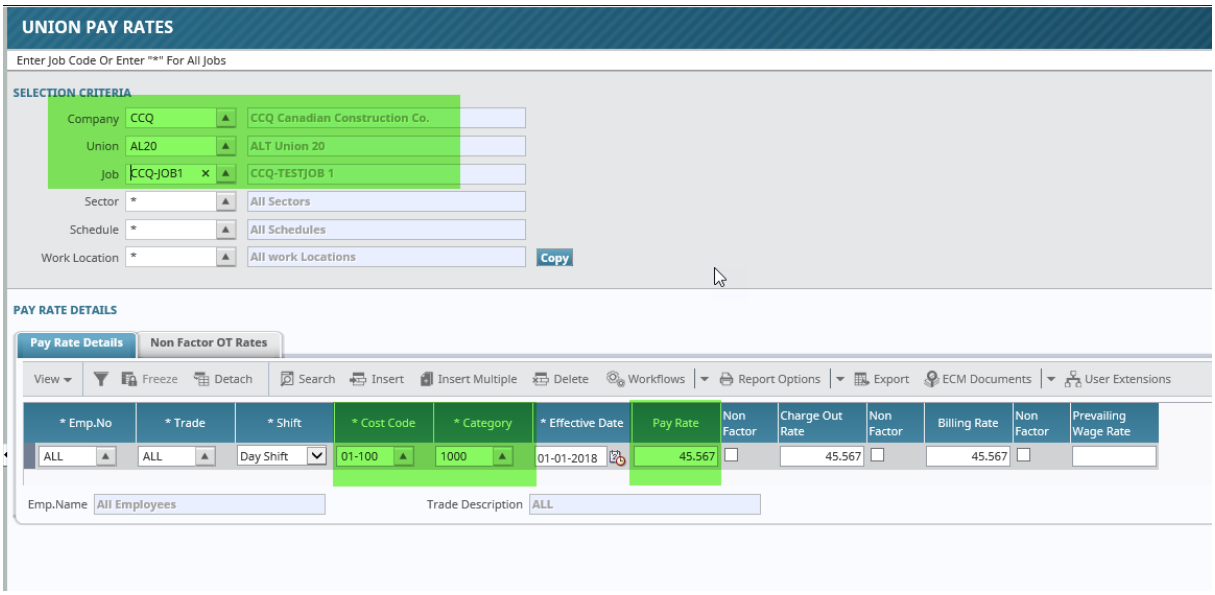
Company Tab of Employee Profile:



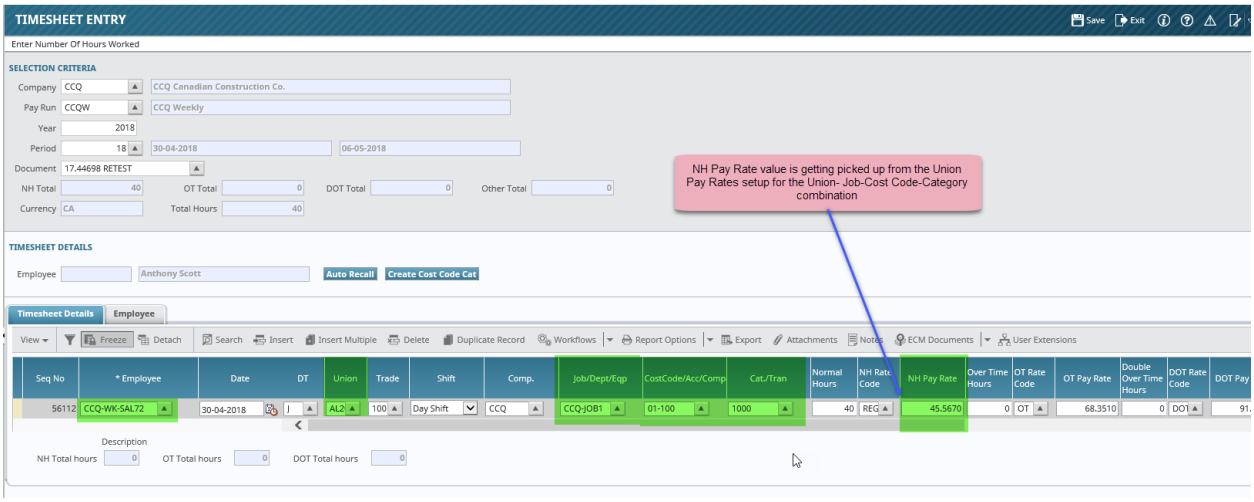
Rates/Salary Tab:



In the Union Pay Rate setup, the same combination of Union - Job – Cost Code- Category is setup as 45.567$ hourly rate as seen below:



Timesheet entered for the employee. On allocating hours worked for the timesheet entry, the rates value are getting picked up from the union Pay rates setup for the combination of Union - Job – Cost Code – Category, as expected:



Addition of WBS Fields To Reports: PYREDIST_DET, (18.47686)

CMiC has modified the following reports to display the WBS information (if available).

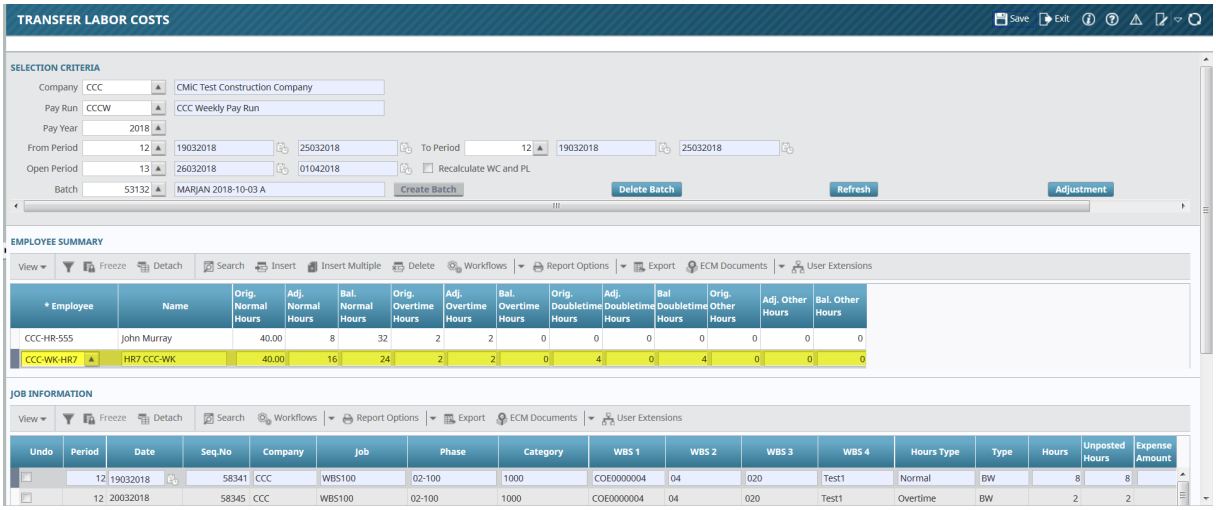
1. Transferred Labor Costs Listing Report (PYREDIST_DET)

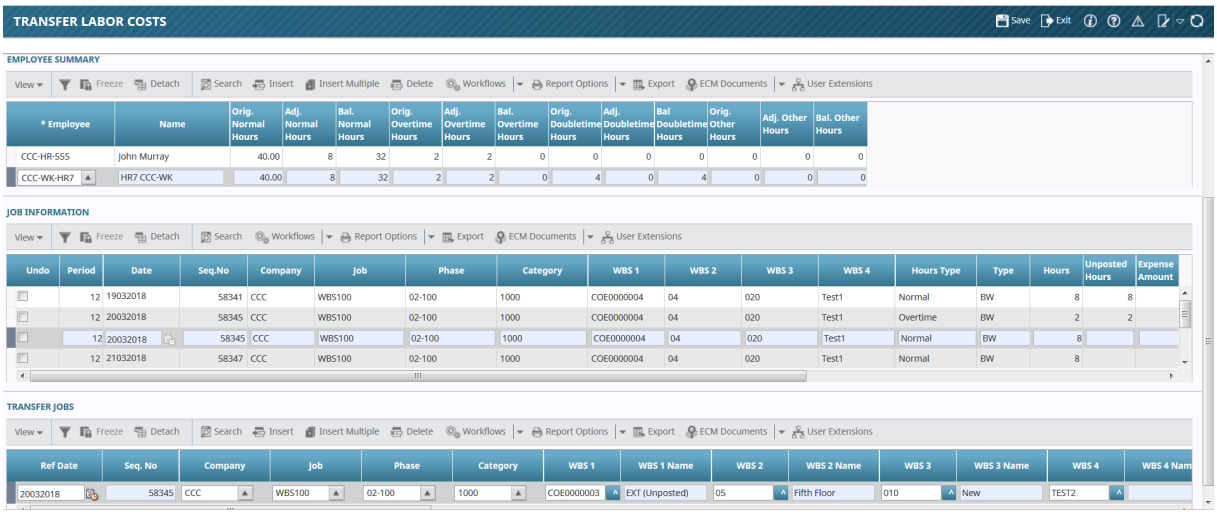
The ‘Transferred Labor Costs Listing Report is modified to include the new detailed columns and information of the WBS Codes and PCI (defined as WBS1).

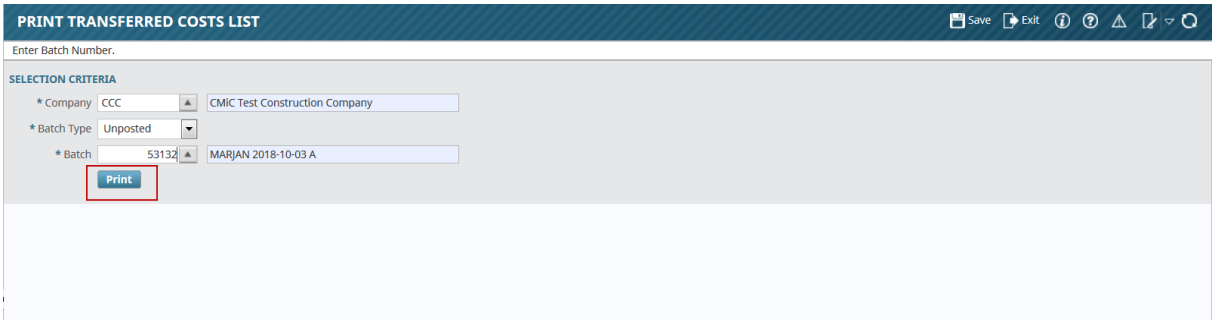
From WBS 1, 2, 3 and 4 values To WBS 1, 2, 3 and 4 values are reporting accordingly

Report Code: PYREDIST_DET

Transfer Labor Cost Batch created with WBS From and Transferred to Job with WBS different values.







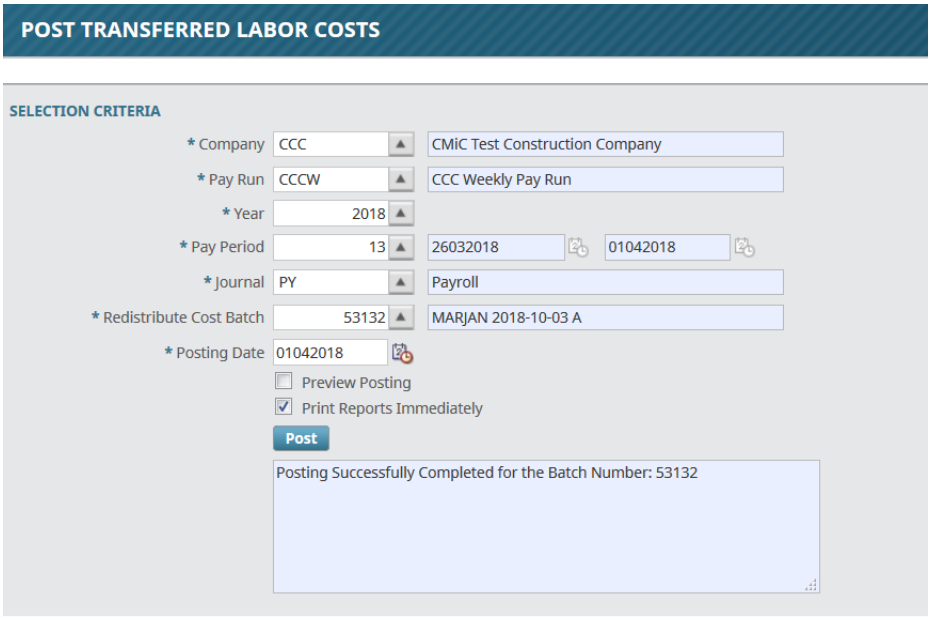
From WBS and To WBS values are now reporting as expected.

CCC - CMiC Test Construction Company
PAYROLL - TRANSFERRED LABOR COSTS LISTING REPORT

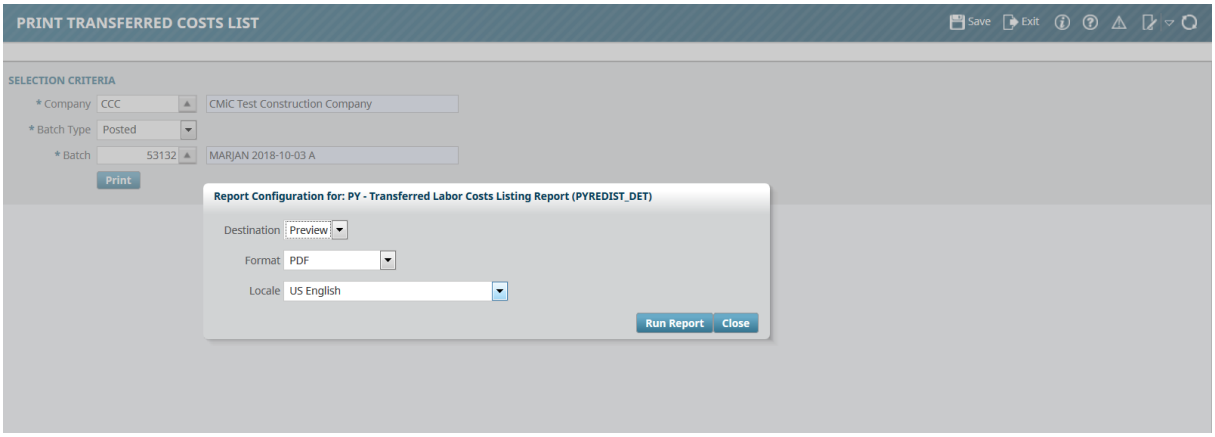
From To	Week	Date	Type/ Week	Comp/ Date	Job/ Comp/ From WBS1	Phase/ Job/ To WBS1	Cat/ Phase/ From WBS2	Work Loc./ Cat/ To WBS2	Trade/ Work Loc./ From WBS3	Union/ Trade/ To WBS3	Shift/ Union/ From WBS4	Hours/ Shift/ To WBS4	Hours	Bill Amount	Debit	Credit
Employee: CCC-HR-555 John Murray																
	12	03/19/2018	J	CCC	CCC-KING	02 40 00	1000	ZCHI	1628		DAY SHIFT	8		480.00	0.00	480.00
												ALL				
			J								ALL					
			13	04/01/2018	CCC	WBS100	02-100	1000	ZCHI	1628		DAY	8.00	480.00	480.00	0.00
						COE00000		SF		901		QATEST				
	12	03/20/2018	J	CCC	CCC-KING	02 40 00	1000	ZCHI	1628		DAY SHIFT	2		120.00	0.00	180.00
												ALL				
			J								ALL					
			13	04/01/2018	CCC	WBS100	02-100	1000	ZCHI	1628		DAY	2.00	120.00	180.00	0.00
						COE00000		SF		901		QATEST				
												Total For Employee: CCC-HR-555		1,200.00	660.00	660.00
Employee: CCC-WK-HR7 HR7 CCC-WK																
	12	03/19/2018	J	CCC	WBS100	02-100	1000	CCCH	6432		DAY SHIFT	8		247.28	0.00	247.28
												ALL				
					COE00000		04		020		Test1					
			J								ALL					
			13	04/01/2018	CCC	CCC-KING	02-100	1000	ZCHI	6432		DAY	8.00	247.28	247.28	0.00
	12	03/20/2018	J	CCC	WBS100	02-100	1000	CCCH	6432		DAY SHIFT	2		61.82	0.00	92.73
												ALL				
					COE00000		04		020		Test1					
	12	03/20/2018	J	CCC	WBS100	02-100	1000	CCCH	6432		DAY SHIFT	8		0.00	0.00	247.28
												ALL				
					COE00000		04		020		Test1					

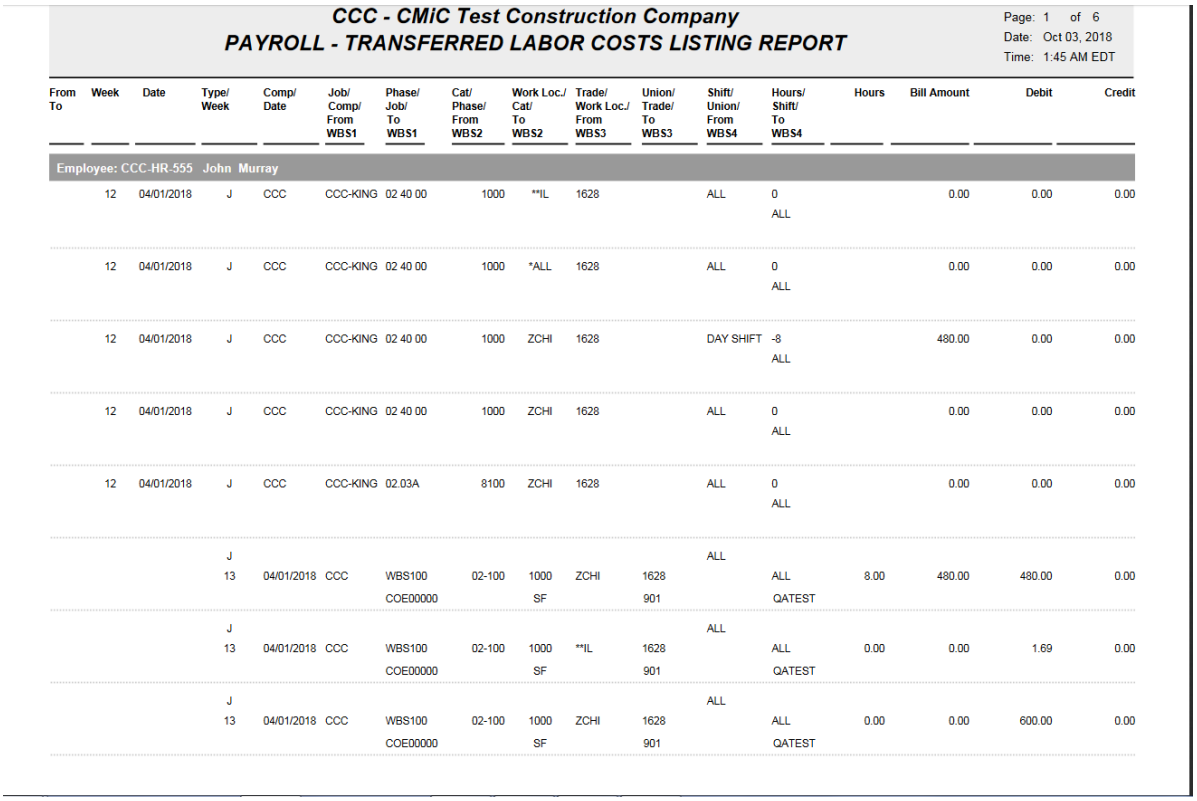
CCC - CMiC Test Construction Company
PAYROLL - TRANSFERRED LABOR COSTS LISTING REPORT

From To	Week	Date	Type/ Week	Comp/ Date	Job/ Comp/ From WBS1	Phase/ Job/ To WBS1	Cat/ Phase/ From WBS2	Work Loc./ Cat/ To WBS2	Trade/ Work Loc./ From WBS3	Union/ Trade/ To WBS3	Shift/ Union/ From WBS4	Hours/ Shift/ To WBS4	Hours	Bill Amount	Debit	Credit
			J								ALL					
			13	04/01/2018	CCC	WBS100	02-100	1000	CCCH	6432		DAY	8.00	247.28	247.28	0.00
						COE00000		05		010		TEST2				
			J								ALL					
			13	04/01/2018	CCC	CCC-KING	02-100	1000	ZCHI	6432		DAY	2.00	61.82	92.73	0.00
												Total For Employee: CCC-WK-HR7		865.48	587.29	587.29
												Grand Total:		2,065.48	1,247.29	1,247.29



Print Transferrred Cost List (PYREDIST_DET) Posted Batch





CCC - CMiC Test Construction Company
PAYROLL - TRANSFERRED LABOR COSTS LISTING REPORT

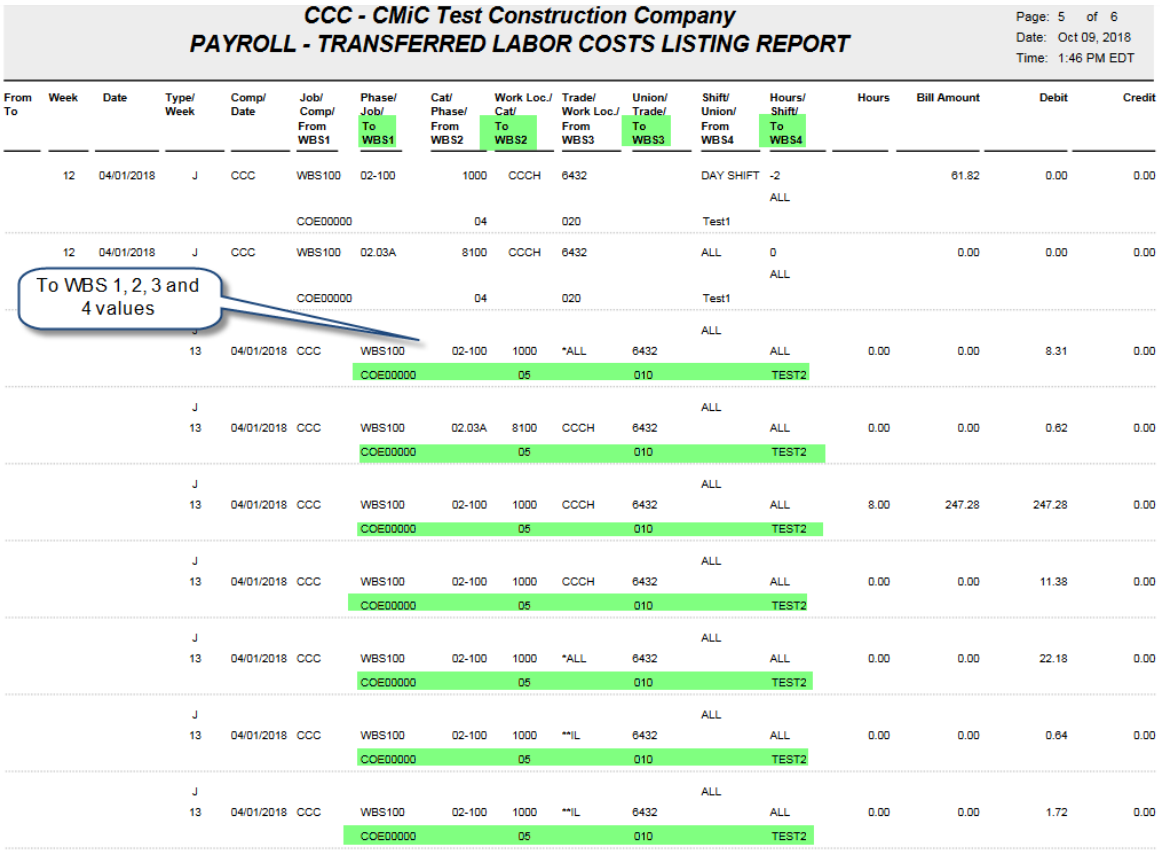
Page: 1 of 6
Date: Oct 03, 2018
Time: 1:45 AM EDT

From To	Week	Date	Type/ Week	Comp/ Date	Job/ Comp/ From WBS1	Phase/ Job/ To WBS1	Cat/ Phase/ From WBS2	Work Loc./ Cat/ To WBS2	Trade/ Work Loc./ From WBS3	Union/ Trade/ To WBS3	Shift/ Union/ From WBS4	Hours/ Shift/ To WBS4	Hours	Bill Amount	Debit	Credit
Employee: CCC-HR-555 John Murray																
	12	04/01/2018	J	CCC	CCC-KING	02 40 00	1000	**IL	1628		ALL	0 ALL		0.00	0.00	0.00
	12	04/01/2018	J	CCC	CCC-KING	02 40 00	1000	*ALL	1628		ALL	0 ALL		0.00	0.00	0.00
	12	04/01/2018	J	CCC	CCC-KING	02 40 00	1000	ZCHI	1628		DAY SHIFT	-8 ALL		480.00	0.00	0.00
	12	04/01/2018	J	CCC	CCC-KING	02 40 00	1000	ZCHI	1628		ALL	0 ALL		0.00	0.00	0.00
	12	04/01/2018	J	CCC	CCC-KING	02.03A	8100	ZCHI	1628		ALL	0 ALL		0.00	0.00	0.00
	13	04/01/2018	J CCC		WBS100 COE00000		02-100	1000 SF	ZCHI	1628 901	ALL	ALL QATEST	8.00	480.00	480.00	0.00
	13	04/01/2018	J CCC		WBS100 COE00000		02-100	1000 SF	**IL	1628 901	ALL	ALL QATEST	0.00	0.00	1.69	0.00
	13	04/01/2018	J CCC		WBS100 COE00000		02-100	1000 SF	ZCHI	1628 901	ALL	ALL QATEST	0.00	0.00	600.00	0.00

CCC - CMiC Test Construction Company
PAYROLL - TRANSFERRED LABOR COSTS LISTING REPORT

From To	Week	Date	Type/ Week	Comp/ Date	Job/ Comp/ From WBS1	Phase/ Job/ To WBS1	Cat/ Phase/ From WBS2	Work Loc./ Cat/ To WBS2	Trade/ Work Loc./ From WBS3	Union/ Trade/ To WBS3	Shift/ Union/ From WBS4	Hours/ Shift/ To WBS4	Hours	Bill Amount	Debit	Credit
			J								ALL					
			13	04/01/2018	CCC	WBS100	02.03A	8100	ZCHI	1628		ALL	0.00	0.00	0.60	0.00
						COE00000		SF		901		QATEST				
			J								ALL					
			13	04/01/2018	CCC	WBS100	02-100	1000	*ALL	1628		ALL	0.00	0.00	8.23	0.00
						COE00000		SF		901		QATEST				
			J								ALL					
			13	04/01/2018	CCC	WBS100	02-100	1000	**IL	1628		ALL	0.00	0.00	0.63	0.00
						COE00000		SF		901		QATEST				
														1,200.00	1,445.46	0.00
Employee: CCC-WK-HR7 HR7 CCC-WK																
	12	04/01/2018	J	CCC	WBS100	02-100		1000	**IL	6432		ALL	0		0.00	0.00	0.00
													ALL				
					COE00000			04		020		Test1					
	12	04/01/2018	J	CCC	WBS100	02-100		1000	*ALL	6432		ALL	0		0.00	0.00	0.00
													ALL				
					COE00000			04		020		Test1					
	12	04/01/2018	J	CCC	WBS100	02-100		1000	CCCH	6432		ALL	0		0.00	0.00	0.00
													ALL				
					COE00000			04		020		Test1					
	12	04/01/2018	J	CCC	WBS100	02-100		1000	CCCH	6432		DAY SHIFT	-8		247.28	0.00	0.00
													ALL				
					COE00000			04		020		Test1					
	12	04/01/2018	J	CCC	WBS100	02.03A		8100	CCCH	6432		ALL	0		0.00	0.00	0.00
													ALL				
					COE00000			04		020		Test1					

From WBS 1, 2, 3, 4 values



From To	Week	Date	Type/ Week	Comp/ Date	Job/ Comp/ From WBS1	Phase/ Job/ To WBS1	Cat/ Phase/ From WBS2	Work Loc./ Cat/ To WBS2	Trade/ Work Loc./ From WBS3	Union/ Trade/ To WBS3	Shift/ Union/ From WBS4	Hours/ Shift/ To WBS4	Hours	Bill Amount	Debit	Credit
	12	04/01/2018	J	CCC	WBS100	02-100	1000	CCCH	6432		DAY SHIFT	-2		61.82	0.00	0.00
												ALL				
					COE00000		04		020		Test1					
	12	04/01/2018	J	CCC	WBS100	02.03A	8100	CCCH	6432		ALL	0		0.00	0.00	0.00
												ALL				
					COE00000		04		020		Test1					
											ALL					
	13	04/01/2018	J	CCC	WBS100	02-100	1000	*ALL	6432			ALL	0.00	0.00	8.31	0.00
					COE00000			05		010		TEST2				
			J								ALL					
	13	04/01/2018	CCC		WBS100	02.03A	8100	CCCH	6432			ALL	0.00	0.00	0.62	0.00
					COE00000			05		010		TEST2				
			J								ALL					
	13	04/01/2018	CCC		WBS100	02-100	1000	CCCH	6432			ALL	8.00	247.28	247.28	0.00
					COE00000			05		010		TEST2				
			J								ALL					
	13	04/01/2018	CCC		WBS100	02-100	1000	CCCH	6432			ALL	0.00	0.00	11.38	0.00
					COE00000			05		010		TEST2				
			J								ALL					
	13	04/01/2018	CCC		WBS100	02-100	1000	*ALL	6432			ALL	0.00	0.00	22.18	0.00
					COE00000			05		010		TEST2				
			J								ALL					
	13	04/01/2018	CCC		WBS100	02-100	1000	**IL	6432			ALL	0.00	0.00	0.64	0.00
					COE00000			05		010		TEST2				
			J								ALL					
	13	04/01/2018	CCC		WBS100	02-100	1000	**IL	6432			ALL	0.00	0.00	1.72	0.00
					COE00000			05		010		TEST2				

WC Premiums Due by Job Jasper Report – Additional Fields

(18.51793)

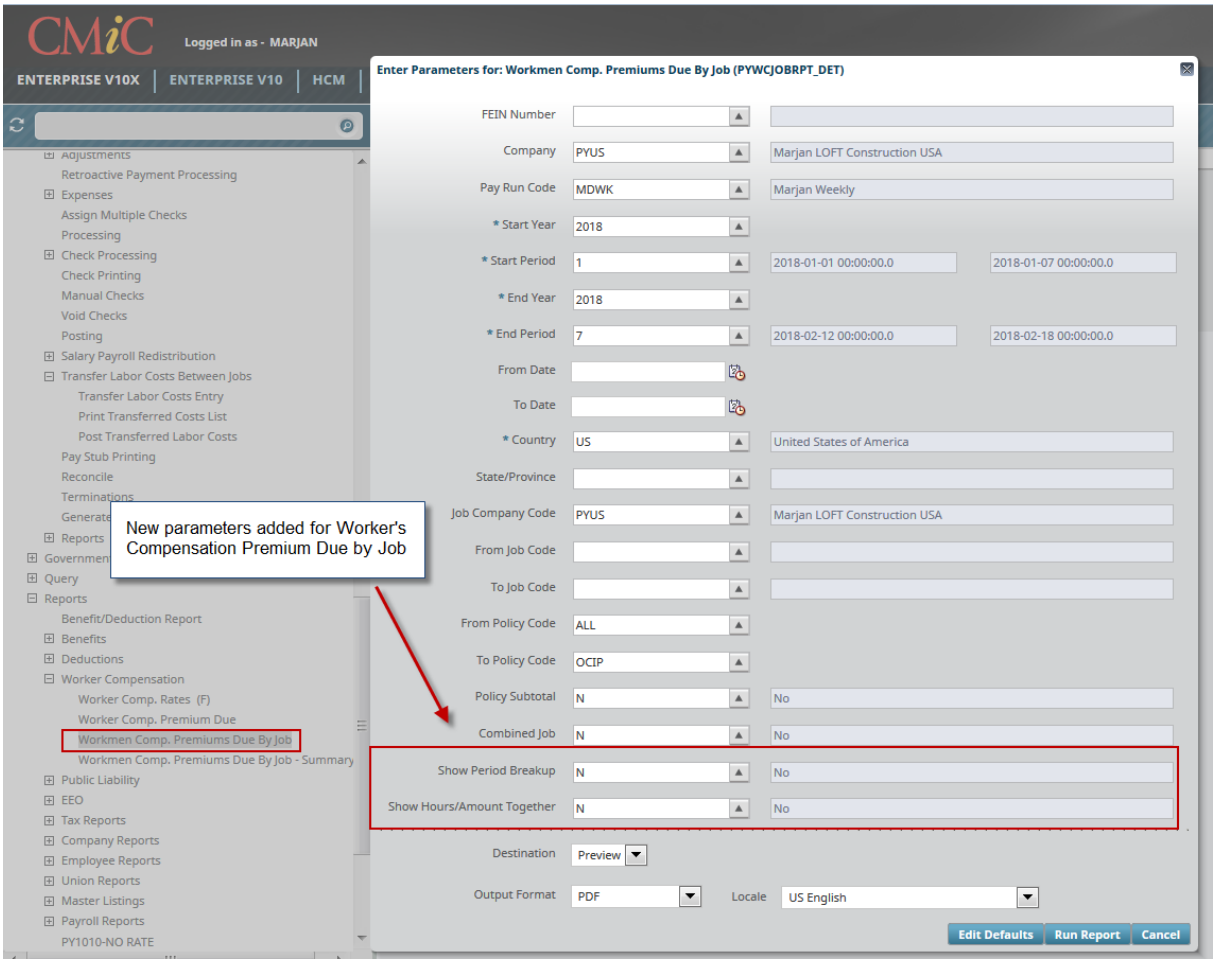
CMiC has modified the 'Workers Compensation Premiums by Job' report (PYWCJOBRPT_DET) by adding two new parameters to the Jasper Reporting. The two new fields added are:

Show Period Breakup

Show Hours/Amount Together

If 'Period Summary' is selected then the report will show data as per the current format (no period breakup), whereas if 'Breakup by Period' is selected then the report will show another Group for 'Period', which will also show Start Date and End Date of that period on the same line. The Report will still show the totals of all periods at the end of the Job Section. The report is also modified to give an option to select a range in Policy Code.

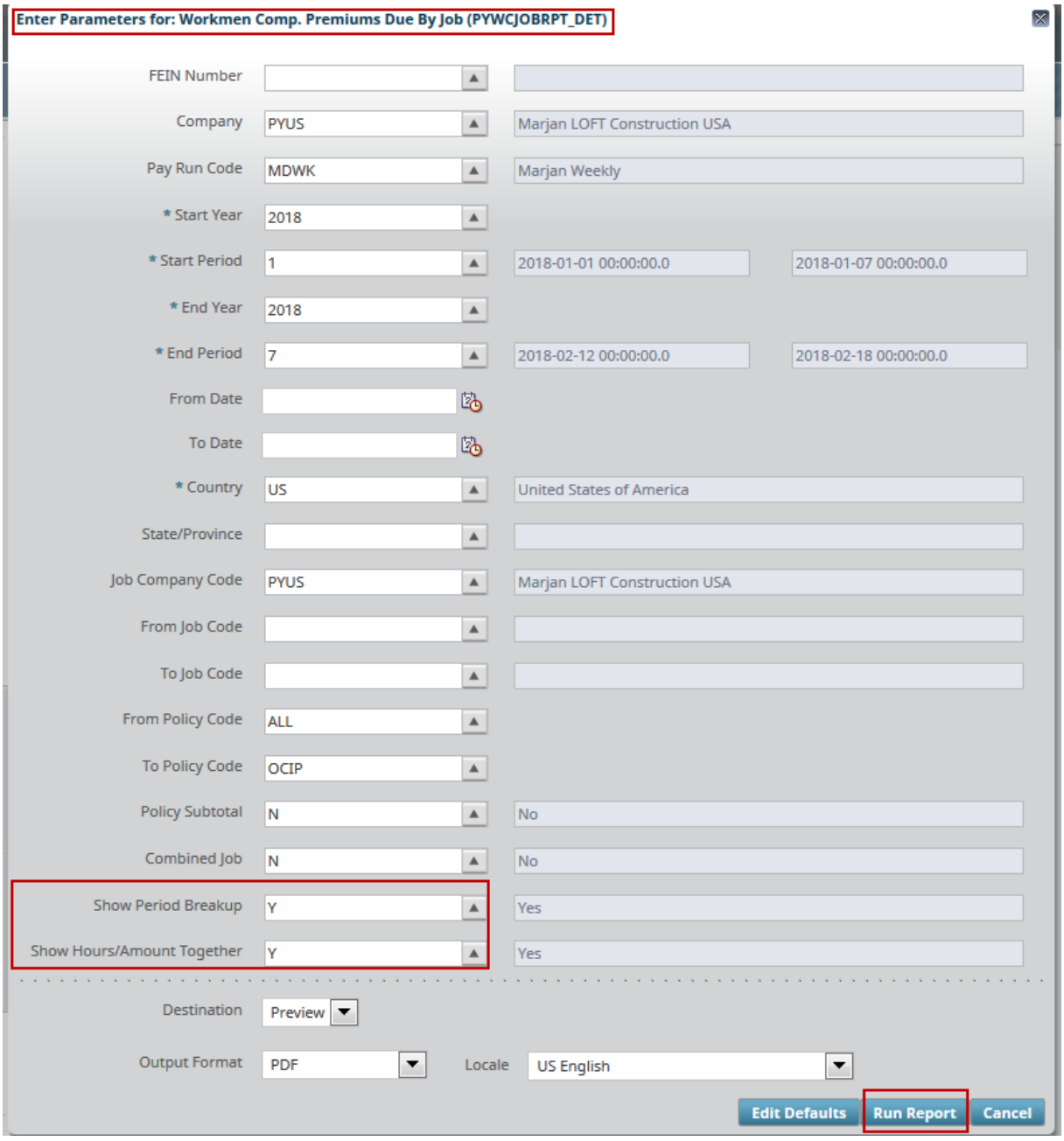
New fields added to the Jasper Report as highlighted below:



Scenario 1- Generating report with the following parameters:

Show Period Breakup: Y

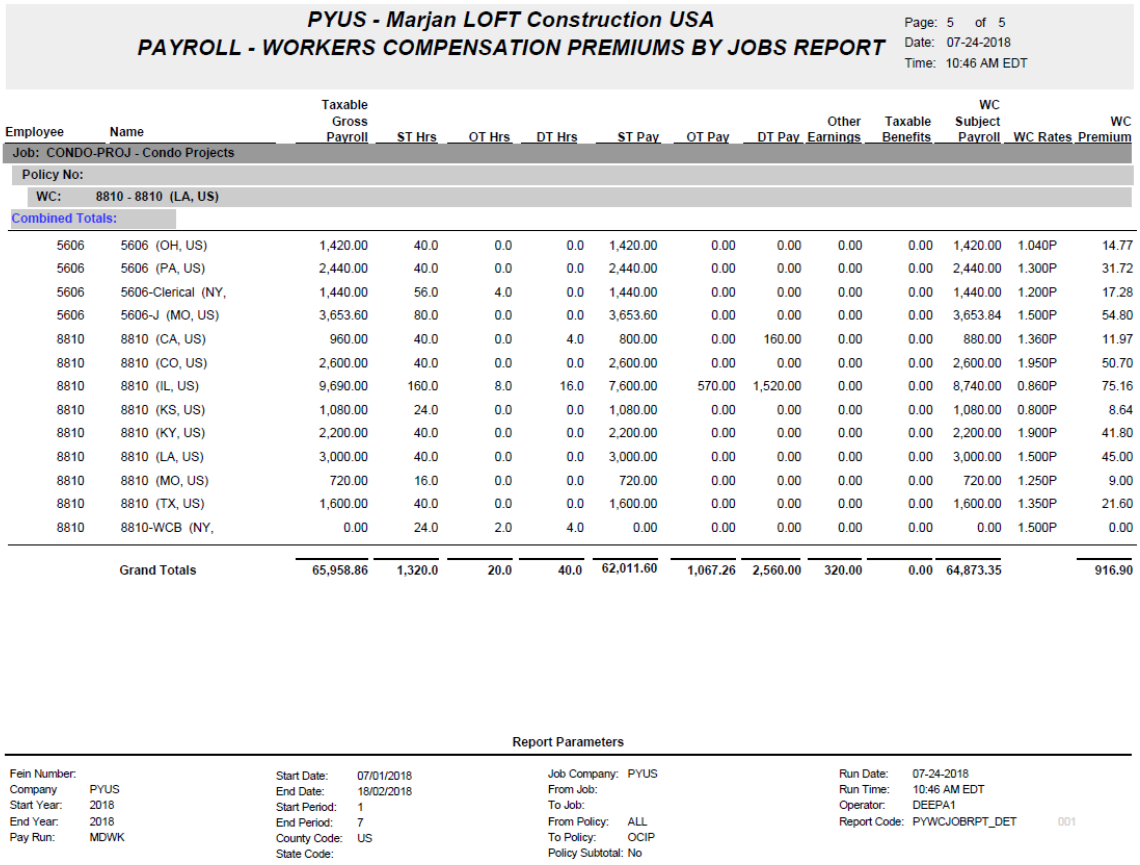
Show Hours/Amounts Together: Y


Enter Parameters for: Workmen Comp. Premiums Due By Job (PYWCJOBRPT_DET)
FEIN Number
Company
PYUS
Marjan LOFT Construction USA
Pay Run Code
MDWK
Marjan Weekly
* Start Year
2018
* Start Period
1
2018-01-01 00:00:00.0
2018-01-07 00:00:00.0
* End Year
2018
* End Period
7
2018-02-12 00:00:00.0
2018-02-18 00:00:00.0
From Date
To Date
* Country
US
United States of America
State/Province
Job Company Code
PYUS
Marjan LOFT Construction USA
From Job Code
To Job Code
From Policy Code
ALL
To Policy Code
OCIP
Policy Subtotal
N
No
Combined Job
N
No
Show Period Breakup
Y
Yes
Show Hours/Amount Together
Y
Yes
Destination
Preview
Output Format
PDF
Locale
US English
Edit Defaults
Run Report
Cancel

PYUS - Marjan LOFT Construction USA
PAYROLL - WORKERS COMPENSATION PREMIUMS BY JOBS REPORT

Date: 07-24-2018
Time: 10:46 AM EDT

Employee	Name	Taxable Gross Payroll	ST Hrs	OT Hrs	DT Hrs	ST Pay	OT Pay	DT Pay	Other Earnings	Taxable Benefits	WC Subject Payroll	WC Rates	WC Premium
Job: PCI-WBS1 - PCI-WBS1													
Policy No:													
WC:	**5506 - 5506 (DE, US)**												
PYUS-HR-ST001	Jimmy Karr	1,505.26	32.0	2.0	0.0	1,338.00	167.26	0.00	0.00	0.00	1,449.51	1.560%	22.61
Period > 2018 - 5	(01-29-2018 To 02-04-2018)	1,505.26	24.0	2.0	0.0	1,338.00	167.26	0.00	0.00	0.00	1,449.51		22.61
Period > 2018 - 6	(02-05-2018 To 02-11-2018)	0.00	8.0	0.0	0.0	0.00	0.00	0.00	0.00	0.00	0.00		0.00
	Total for WC: 5506	**1,505.26**	**32.0**	**2.0**	**0.0**	**1,338.00**	**167.26**	**0.00**	**0.00**	**0.00**	**1,449.51**	**1.560%**	**22.61**
WC:	**5606 - 5606 (CA, US)**												
PYUS-LAB2	Jose Sanchez	1,020.00	40.0	2.0	4.0	800.00	60.00	160.00	0.00	0.00	1,020.00	1.500%	15.30
Period > 2018 - 7	(02-12-2018 To 02-18-2018)	1,020.00	40.0	2.0	4.0	800.00	60.00	160.00	0.00	0.00	1,020.00		15.30
	Total for WC: 5606	**1,020.00**	**40.0**	**2.0**	**4.0**	**800.00**	**60.00**	**160.00**	**0.00**	**0.00**	**1,020.00**	**1.500%**	**15.30**
	Total for Job: PCI-WBS1	**2,525.26**	**72.0**	**4.0**	**4.0**	**2,138.00**	**227.26**	**160.00**	**0.00**	**0.00**	**2,469.51**		**37.91**
Job: BRIDGE-PRJ - Bridges Project													
Policy No:													
WC:	**5506 - 5506 (PA, US)**												
PYUS-HR-DE009	Smith H Carson	1,920.00	16.0	0.0	0.0	1,920.00	0.00	0.00	0.00	0.00	1,920.00	1.560%	29.95
PYUS-HR-ST001	Jimmy Karr	892.00	16.0	0.0	0.0	892.00	0.00	0.00	0.00	0.00	892.00	1.560%	13.92
Period > 2018 - 3	(01-15-2018 To 01-21-2018)	1,920.00	16.0	0.0	0.0	1,920.00	0.00	0.00	0.00	0.00	1,920.00		29.95
Period > 2018 - 4	(01-22-2018 To 01-28-2018)	892.00	16.0	0.0	0.0	892.00	0.00	0.00	0.00	0.00	892.00		13.92
	Total for WC: 5506	**2,812.00**	**32.0**	**0.0**	**0.0**	**2,812.00**	**0.00**	**0.00**	**0.00**	**0.00**	**2,812.00**	**1.560%**	**43.87**
WC:	**5606 - 5606 (CA, US)**												
PYUS-LAB1	Carlos Dimitri	0.00	16.0	2.0	0.0	0.00	0.00	0.00	0.00	0.00	0.00	1.500%	0.00
PYUS-RET-003	Jane Mittas	5,600.00	160.0	0.0	0.0	5,600.00	0.00	0.00	0.00	0.00	5,600.00	1.500%	84.00
PYUS-HR-NY011	Sandra H Macintosh	960.00	16.0	0.0	0.0	960.00	0.00	0.00	0.00	0.00	960.00	1.300%	12.48



PYUS - Marjan LOFT Construction USA
PAYROLL - WORKERS COMPENSATION PREMIUMS BY JOBS REPORT

Page: 5 of 5
Date: 07-24-2018
Time: 10:46 AM EDT

Employee	Name	Taxable Gross Payroll	ST Hrs	OT Hrs	DT Hrs	ST Pay	OT Pay	DT Pay	Other Earnings	Taxable Benefits	WC Subject Payroll	WC Rates	WC Premium
Job: CONDO-PROJ - Condo Projects													
Policy No:													
WC:	8810 - 8810 (LA, US)												
Combined Totals:													
5606	5606 (OH, US)	1,420.00	40.0	0.0	0.0	1,420.00	0.00	0.00	0.00	0.00	1,420.00	1.040P	14.77
5606	5606 (PA, US)	2,440.00	40.0	0.0	0.0	2,440.00	0.00	0.00	0.00	0.00	2,440.00	1.300P	31.72
5606	5606-Clerical (NY,	1,440.00	56.0	4.0	0.0	1,440.00	0.00	0.00	0.00	0.00	1,440.00	1.200P	17.28
5606	5606-J (MO, US)	3,653.60	80.0	0.0	0.0	3,653.60	0.00	0.00	0.00	0.00	3,653.84	1.500P	54.80
8810	8810 (CA, US)	960.00	40.0	0.0	4.0	800.00	0.00	160.00	0.00	0.00	880.00	1.360P	11.97
8810	8810 (CO, US)	2,600.00	40.0	0.0	0.0	2,600.00	0.00	0.00	0.00	0.00	2,600.00	1.950P	50.70
8810	8810 (IL, US)	9,690.00	160.0	8.0	16.0	7,600.00	570.00	1,520.00	0.00	0.00	8,740.00	0.860P	75.16
8810	8810 (KS, US)	1,080.00	24.0	0.0	0.0	1,080.00	0.00	0.00	0.00	0.00	1,080.00	0.800P	8.64
8810	8810 (KY, US)	2,200.00	40.0	0.0	0.0	2,200.00	0.00	0.00	0.00	0.00	2,200.00	1.900P	41.80
8810	8810 (LA, US)	3,000.00	40.0	0.0	0.0	3,000.00	0.00	0.00	0.00	0.00	3,000.00	1.500P	45.00
8810	8810 (MO, US)	720.00	16.0	0.0	0.0	720.00	0.00	0.00	0.00	0.00	720.00	1.250P	9.00
8810	8810 (TX, US)	1,600.00	40.0	0.0	0.0	1,600.00	0.00	0.00	0.00	0.00	1,600.00	1.350P	21.60
8810	8810-WCB (NY,	0.00	24.0	2.0	4.0	0.00	0.00	0.00	0.00	0.00	0.00	1.500P	0.00
	Grand Totals	65,958.86	1,320.0	20.0	40.0	62,011.60	1,067.26	2,560.00	320.00	0.00	64,873.35		916.90

Report Parameters

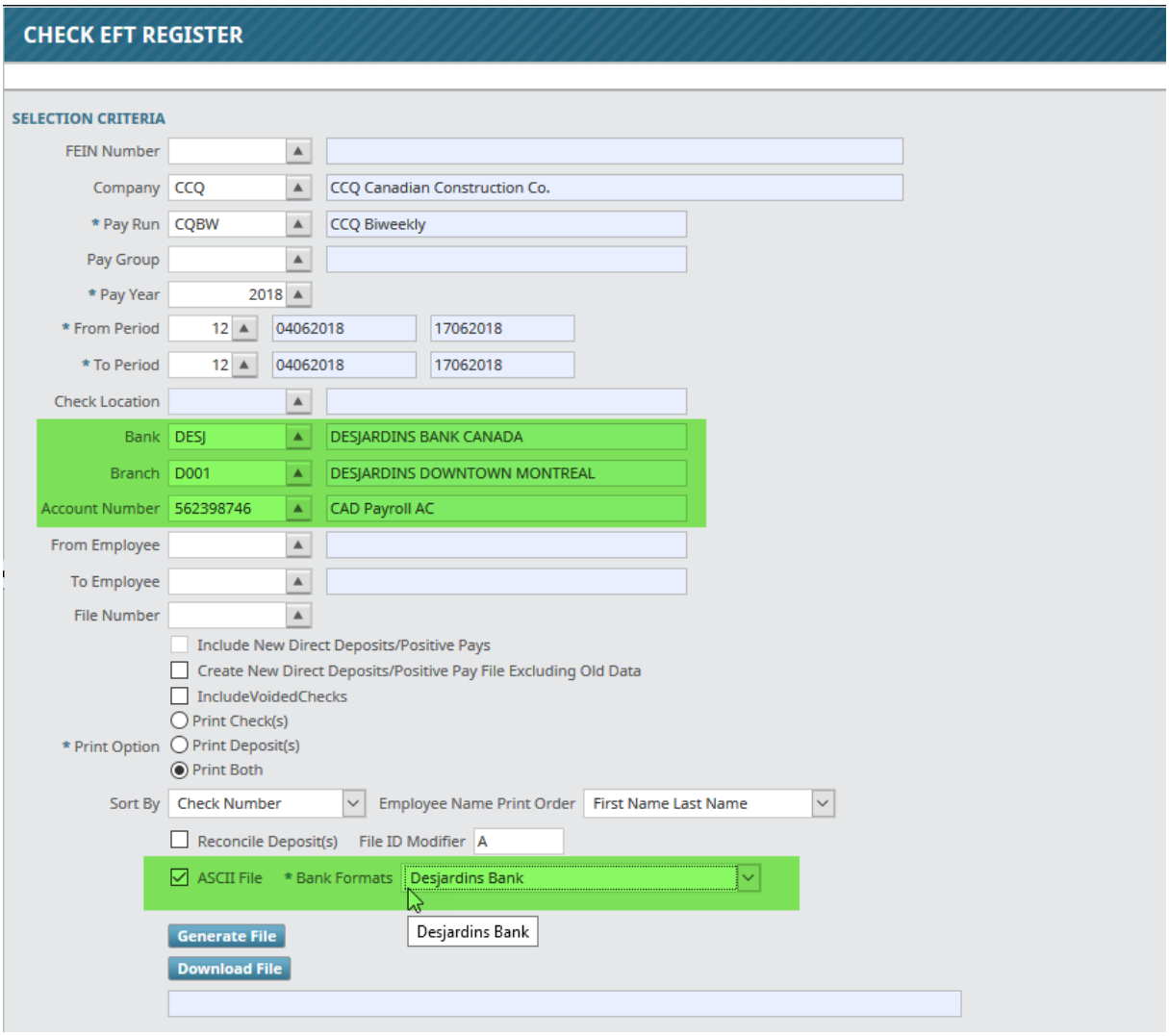
Fein Number:		Start Date:	07/01/2018	Job Company:	PYUS	Run Date:	07-24-2018
Company	PYUS	End Date:	18/02/2018	From Job:		Run Time:	10:46 AM EDT
Start Year:	2018	Start Period:	1	To Job:		Operator:	DEEPA1
End Year:	2018	End Period:	7	From Policy:	ALL	Report Code:	PYWCJOBRPT_DET 001
Pay Run:	MDWK	County Code:	US	To Policy:	OCIP		
		State Code:		Policy Subtotal:	No		

Check/EFT Register - Desjardin Bank EFT File Format – (18.52843)

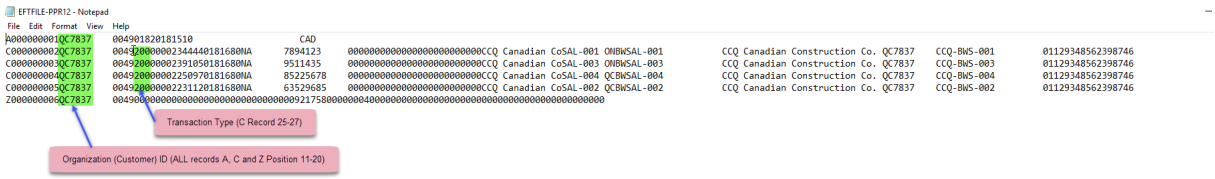
Added a new option/format in Check EFT Register (PY1081) Program to generate EFT file for Desjardins Bank. Customer Organization ID is dynamic.

Check/EFT Register Program – PY1081

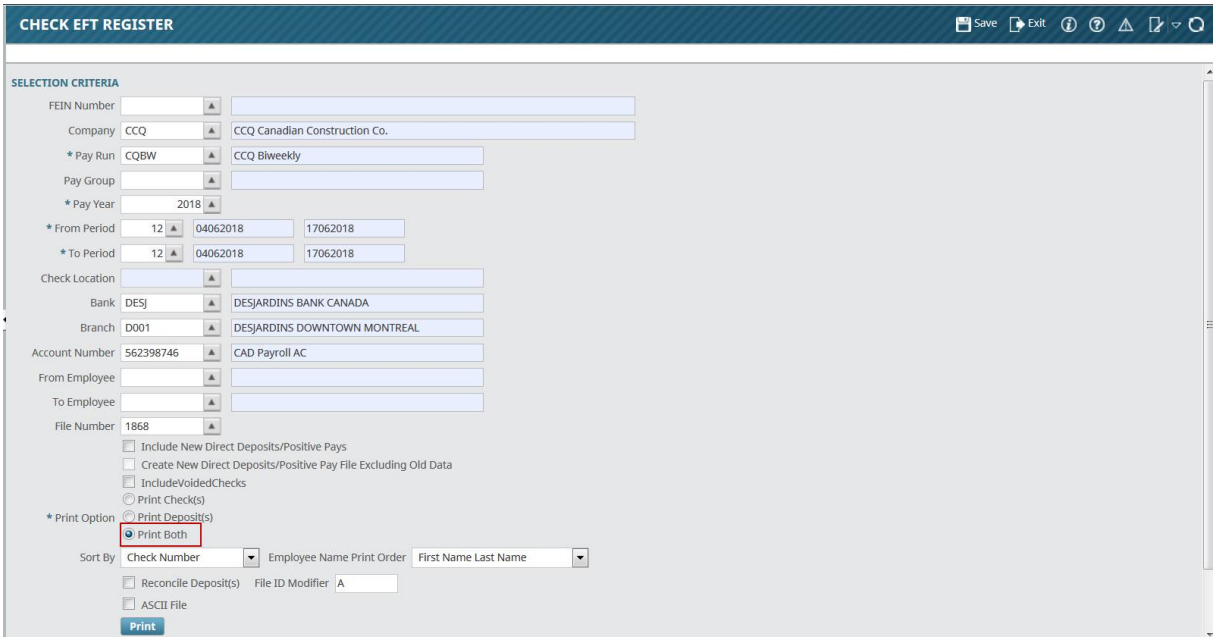
The new ASCII Bank Format File for Desjardins Bank is added.The Check / EFT Register will print a listing of all checks printed on a particular Pay Run for a given period and employee range. The Paychecks listing for Employee Report will print a listing of the checks and direct deposit payments made on a particular check run.

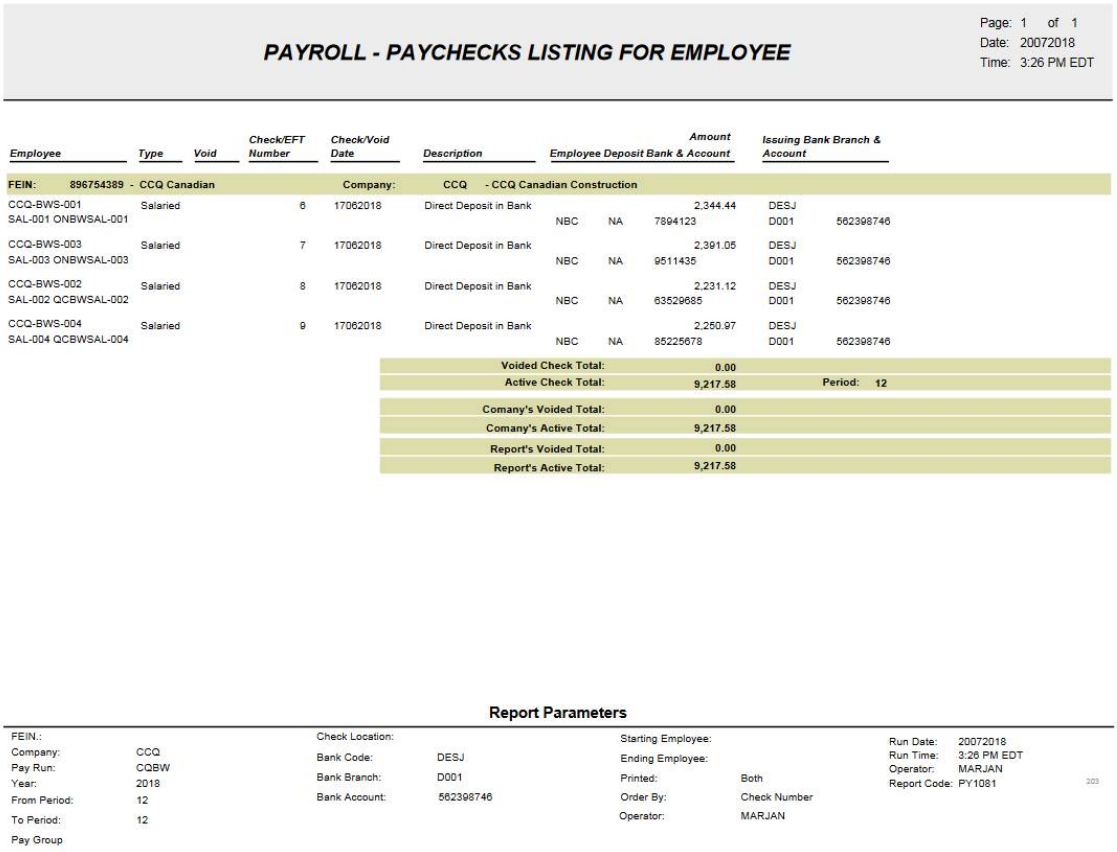


The ASCII File generated



Run Check EFT register





PAYROLL - PAYCHECKS LISTING FOR EMPLOYEE

Page: 1 of 1
Date: 20072018
Time: 3:26 PM EDT

Employee	Type	Void	Check/EFT Number	Check/Void Date	Description	Amount	Employee Deposit Bank & Account			Issuing Bank Branch & Account	
FEIN: 896754389 - CCQ Canadian				**Company:**	**CCQ - CCQ Canadian Construction**						
CCQ-BWS-001 SAL-001 ONBWSAL-001	Salaried		6	17062018	Direct Deposit in Bank	2,344.44	NBC	NA	7894123	DESJ D001	562398746
CCQ-BWS-003 SAL-003 ONBWSAL-003	Salaried		7	17062018	Direct Deposit in Bank	2,391.05	NBC	NA	9511435	DESJ D001	562398746
CCQ-BWS-002 SAL-002 QCBWSAL-002	Salaried		8	17062018	Direct Deposit in Bank	2,231.12	NBC	NA	63529685	DESJ D001	562398746
CCQ-BWS-004 SAL-004 QCBWSAL-004	Salaried		9	17062018	Direct Deposit in Bank	2,250.97	NBC	NA	85225678	DESJ D001	562398746

Voided Check Total:	**0.00**	
Active Check Total:	**9,217.58**	**Period: 12**
Comany's Voided Total:	**0.00**	
Comany's Active Total:	**9,217.58**	
Report's Voided Total:	**0.00**	
Report's Active Total:	**9,217.58**	

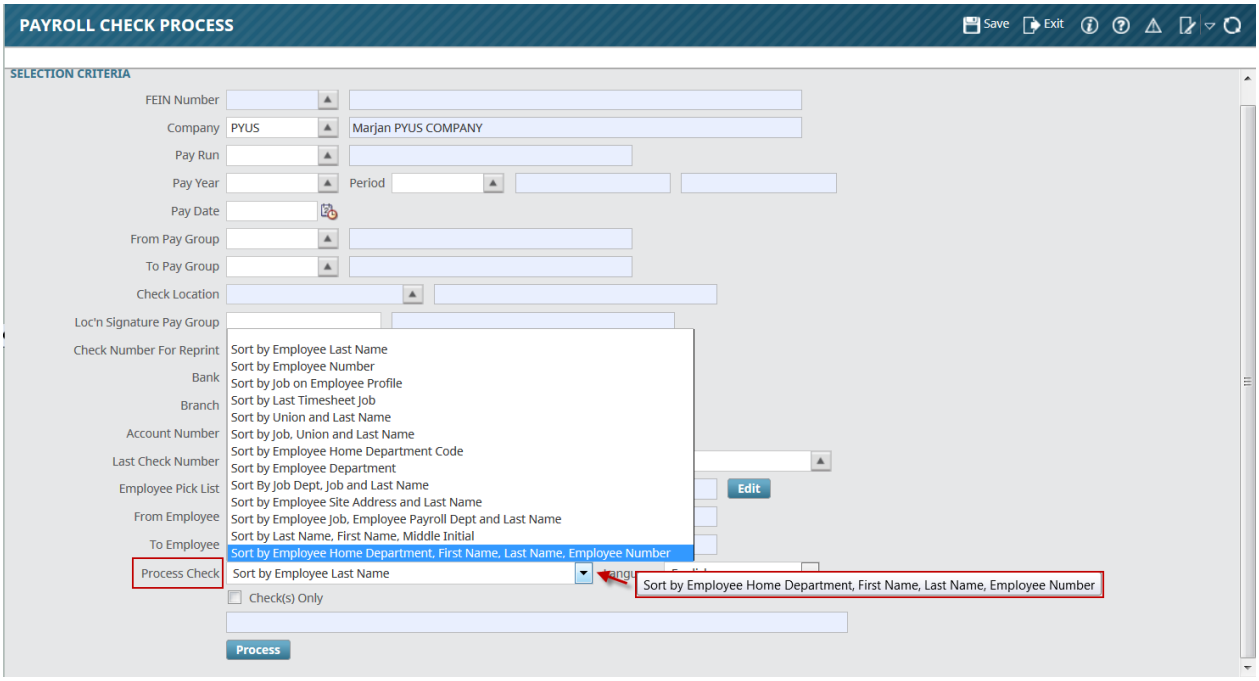
Report Parameters

FEIN.:		Check Location:		Starting Employee:		Run Date:	20072018
Company:	CCQ	Bank Code:	DESJ	Ending Employee:		Run Time:	3:26 PM EDT
Pay Run:	CQBW	Bank Branch:	D001	Printed:	Both	Operator:	MARJAN
Year:	2018	Bank Account:	562398746	Order By:	Check Number	Report Code:	PY1081
From Period:	12			Operator:	MARJAN		
To Period:	12						
Pay Group							

Sort Order for Check Processing - (18.57490)

CMiC has modified standard Check Processing screen adding another Check Processing (Sort By) option:

Sort by Employee Home Dept, First Name, Last Name, Employee Number. This change is associated with work order 18.51204. Changed Check Processing sort LOV to sort by: Employee Home Department, First Name, Last Name, Employee Number.



NOTE: The UE fields also play an important role in the check print report sorting.

If the Check Distribution Code is NULL, the sorting will happen as Home Department > First Name > Last Name > Employee Number.

If the Check Distribution Code is NOT NULL, the sorting will happen as Check Distribution Code > First Name > Last Name > Employee Number.

Transfer Labor Costs Between Jobs– Filtering Enhancement (18.58181) BETA

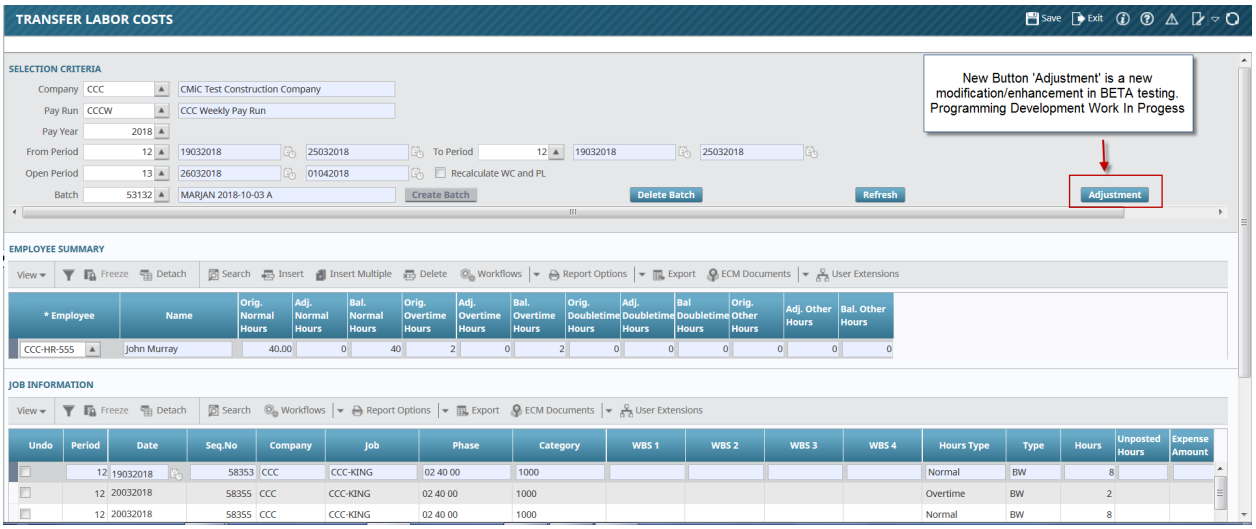
CMiC is in the process of enhancing the Labor Cost Transfer functionality to have the ability to filter records based on Job, Cost Code, WBS, Category, Union, Trade, and Employee.

NOTE: The new 'Adjustment' Button is NOT functional and is currently under programming & development phase. Please refrain from using this new '**Adjustment**' **button** until it is implemented and released in our next patch as functional. The current Transfer Labor Cost program without this button is functional and working as before.

New 'Adjustment' Button

CMiC has added a new '**Adjustment' Button** that opens an Adjustment Pick List Screen to query and select multiple employee records based on various criterion. However, this enhanced feature is still development and NOT functional.

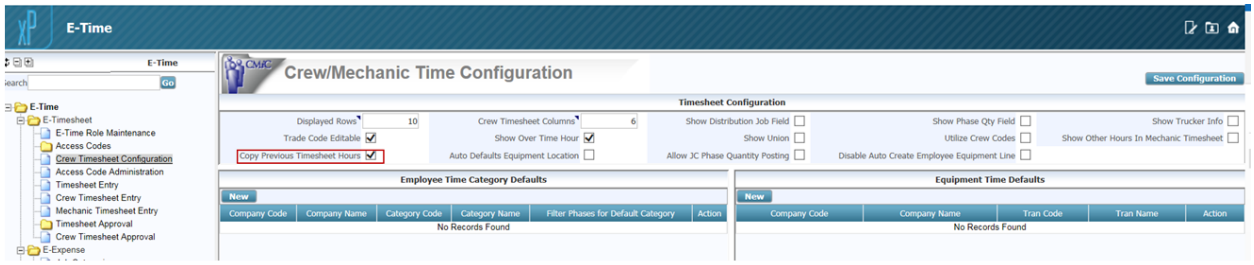
Ability to filter search, select and allow user to insert the selected multiple employee records in the Employee Summary block on the main Transfer Labor Cost screen. User will be able to post these records as opposed to inserting employee by employee.



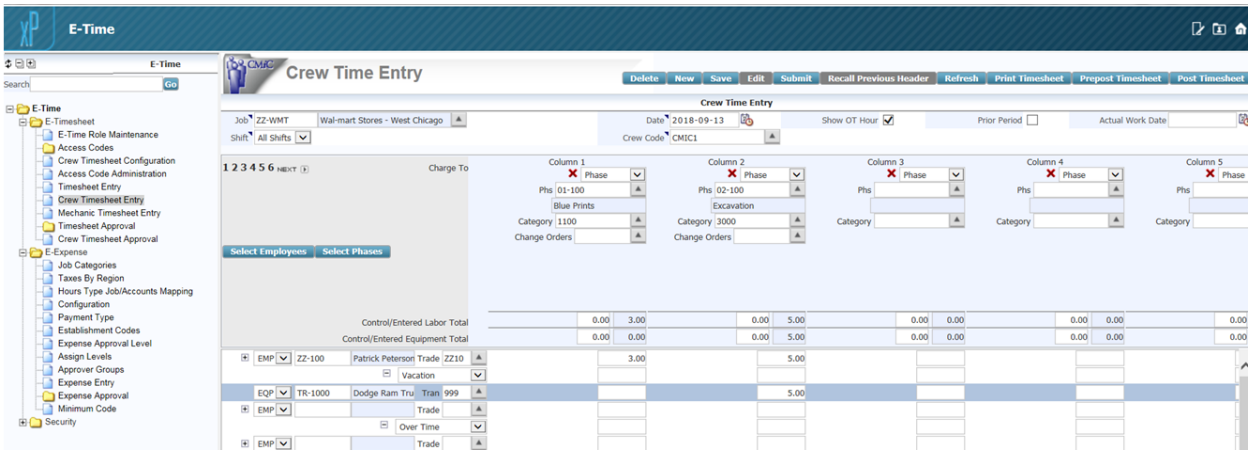
Copy Previous Record Function in E-Time - (18.59148)

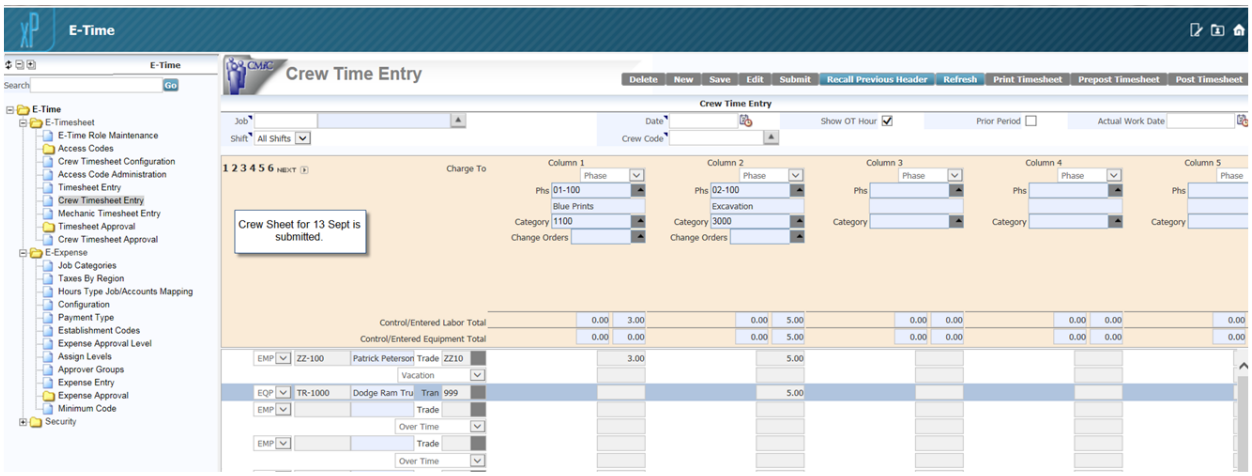
Copy Previous Record function in E-Time is modified to recall and copy both labor and equipment Crew Timesheet data as part of its normal processing function.

Crew Timesheet Configuration - Copy Previous Timesheet Hours flag should be checked.

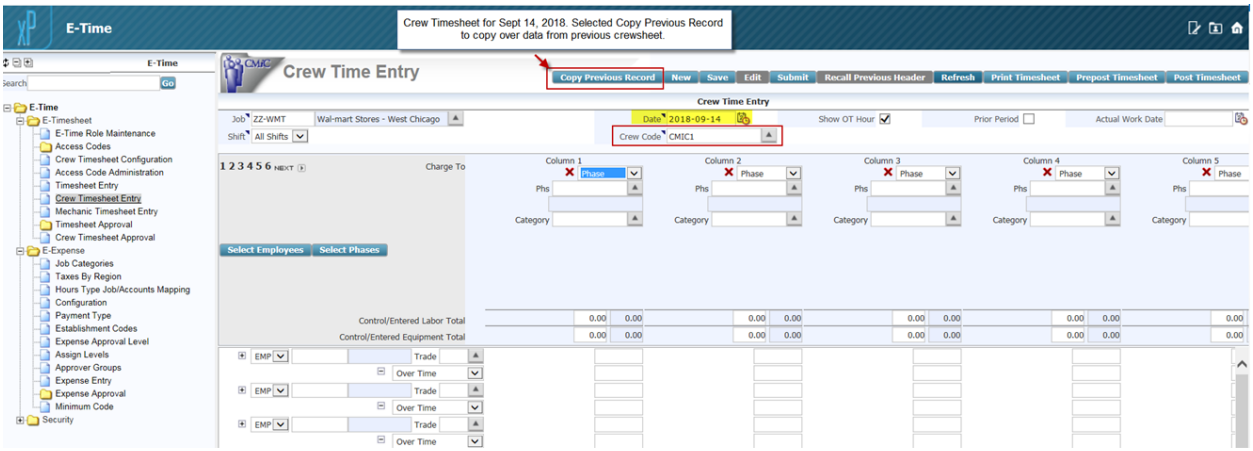


Entered Crew Time for previous day September 13, 2018. Save and Submitted

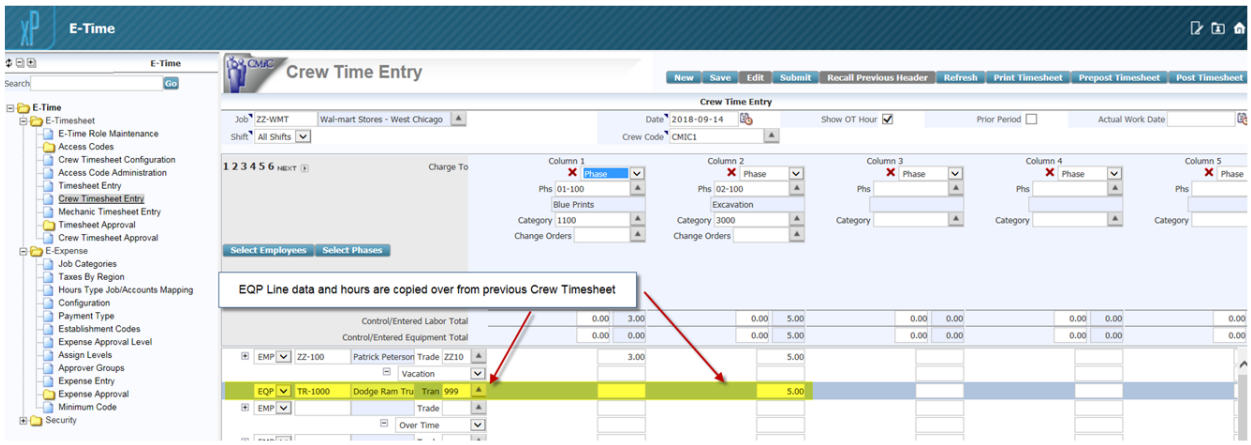


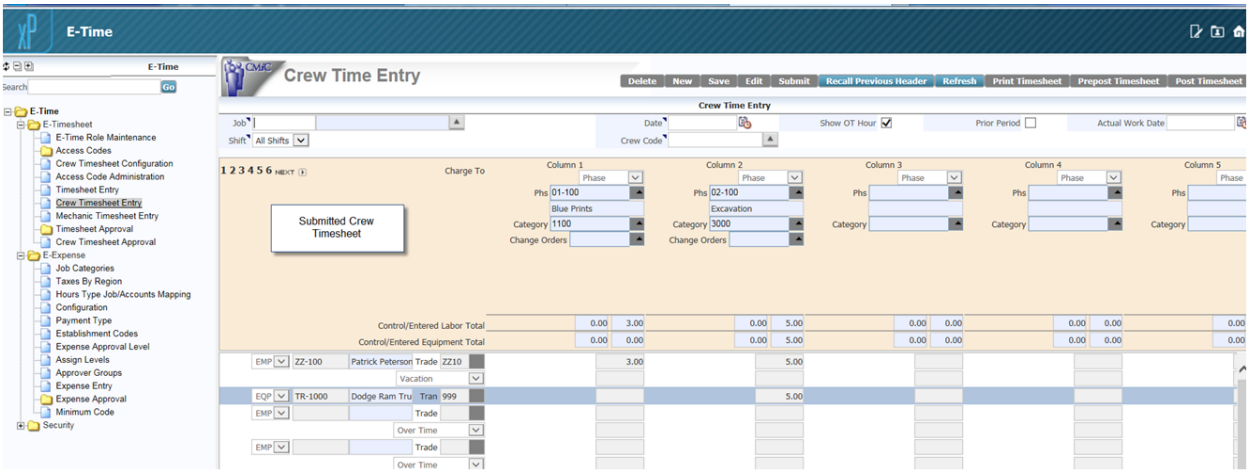


Crew Timesheet entry for current day, September 14, 2018 using Copy Previous Record.



EMP labour line and EQP time and data is copied from previous crew timesheet to the current successfully.





New Payroll Log Programs - (18.59950)

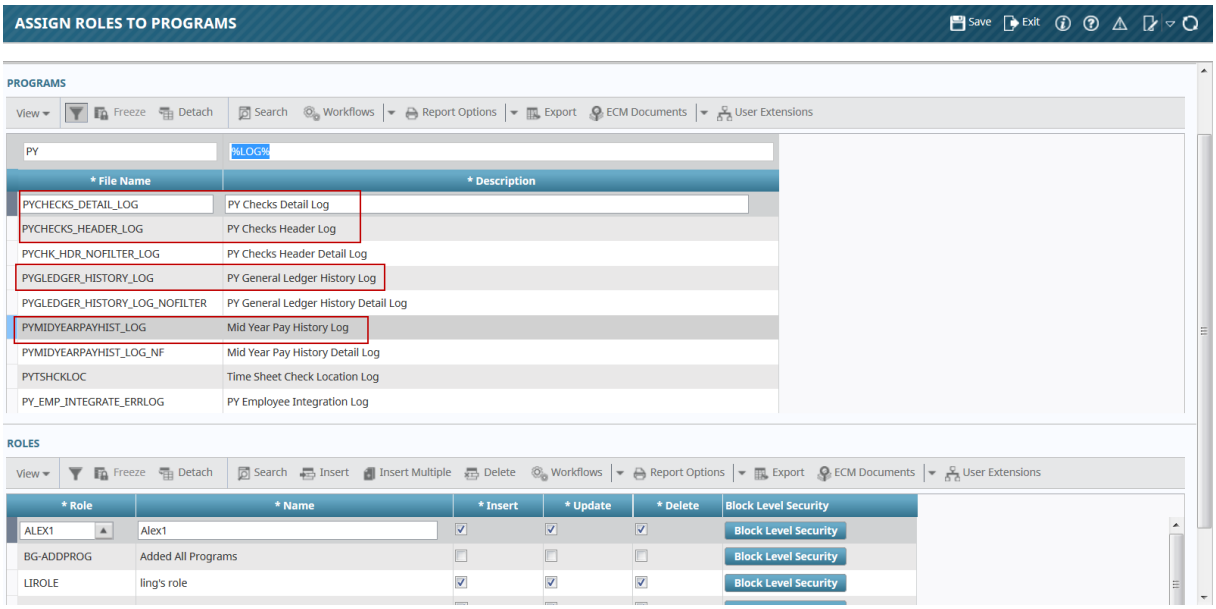
CMiC has created three new payroll log programs. Users can add these program logs by assiging required roles to the programs. The logs will then be available and added to the treeview menu under Payroll Application > Logs:

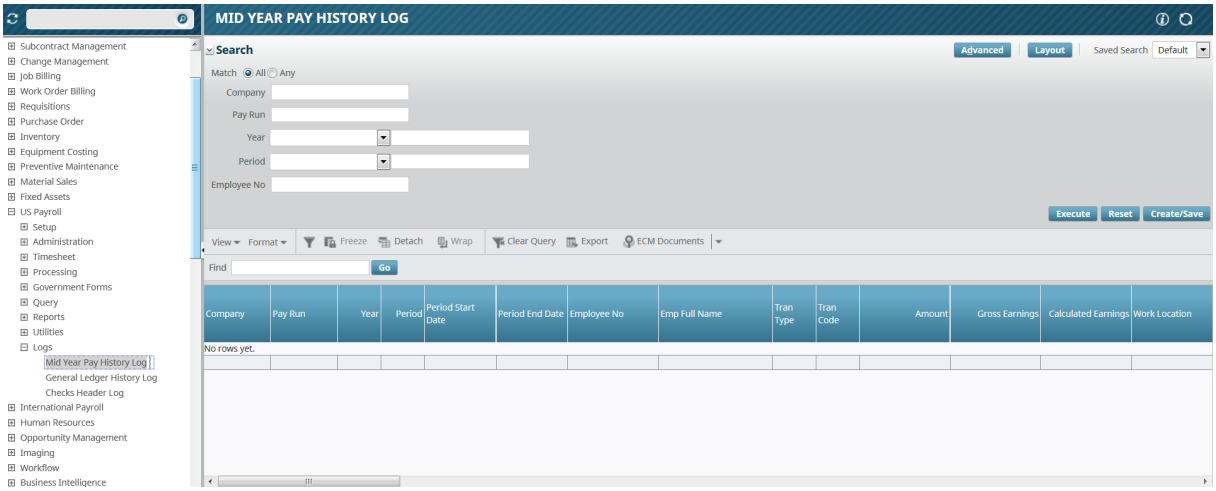
1) Mid Year Pay History Log

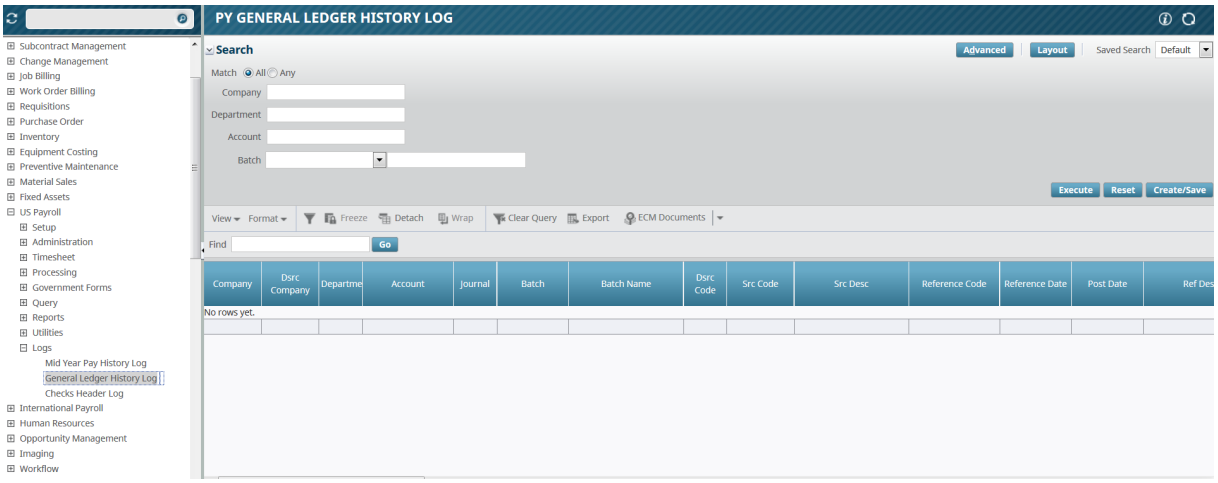
2) Check details Log (Check Detail Header and Check Details Log)

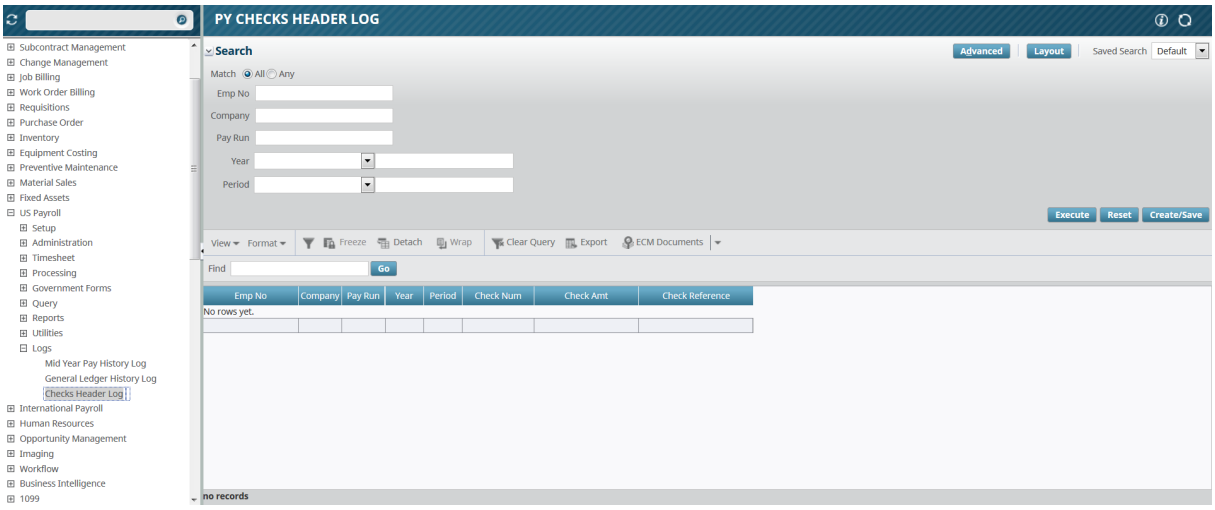
3) General Ledger History Log

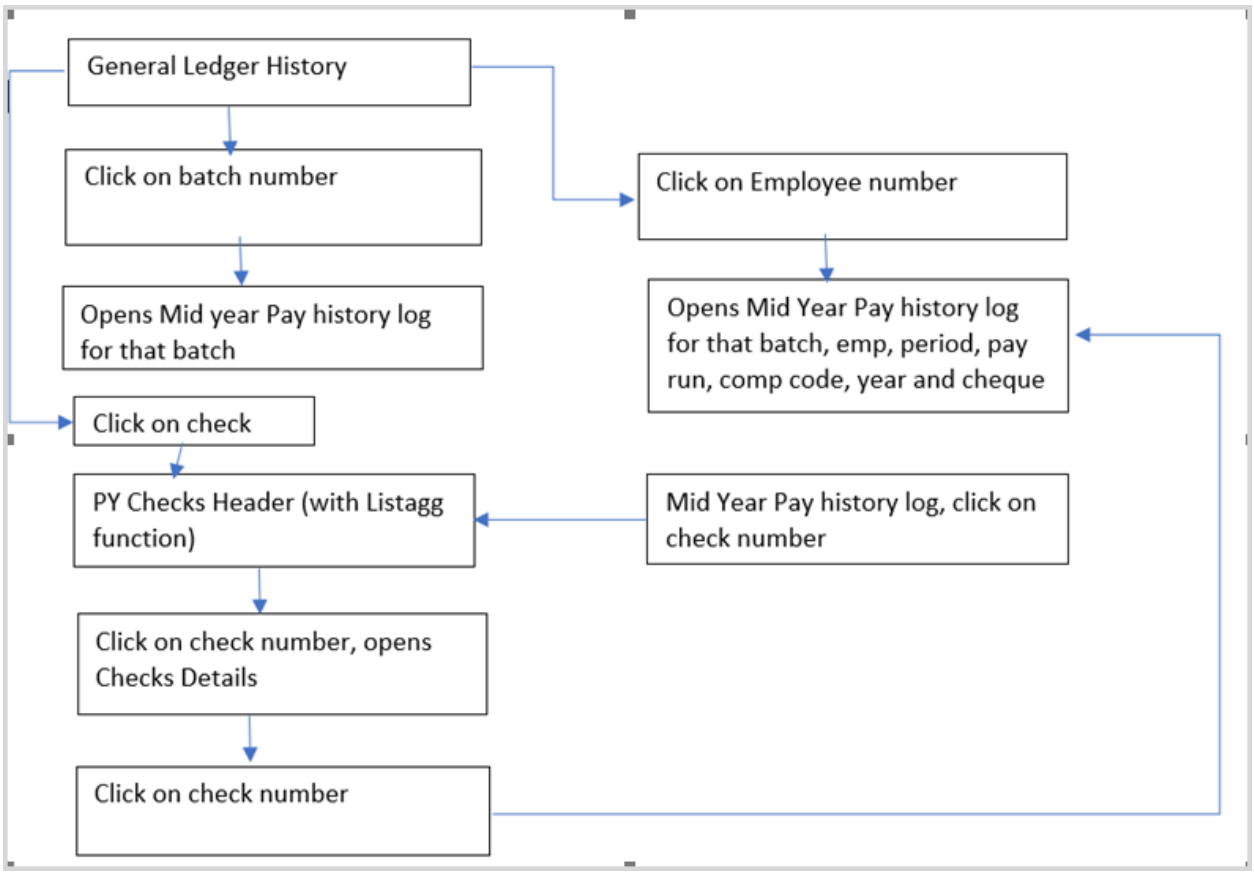
NOTE: Mid Year Pay History and General Ledger History should be linked via batch number. When user clicks on the batch number of Mid Year Pay History Log, it should re-direct to that particular batch in GL History.



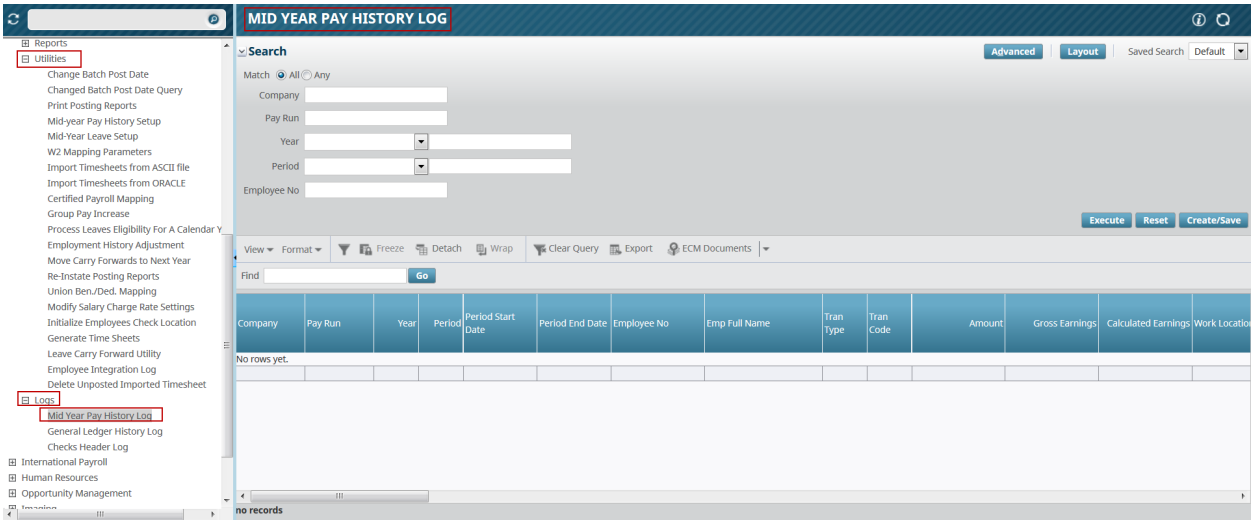

MID YEAR PAY HISTORY LOG
Search
Advanced
Layout
Saved Search
Default
Match All Any
Company
Pay Run
Year
Period
Employee No
Execute
Reset
Create/Save
View
Format
Freeze
Detach
Wrap
Clear Query
Export
ECM Documents
Find
Go
Company
Pay Run
Year
Period
Period Start Date
Period End Date
Employee No
Emp Full Name
Tran Type
Tran Code
Amount
Gross Earnings
Calculated Earnings
Work Location
No rows yet.
Subcontract Management
Change Management
Job Billing
Work Order Billing
Requisitions
Purchase Order
Inventory
Equipment Costing
Preventive Maintenance
Material Sales
Fixed Assets
US Payroll
Setup
Administration
Timesheet
Processing
Government Forms
Query
Reports
Utilities
Logs
Mid Year Pay History Log
General Ledger History Log
Checks Header Log
International Payroll
Human Resources
Opportunity Management
Imaging
Workflow
Business Intelligence

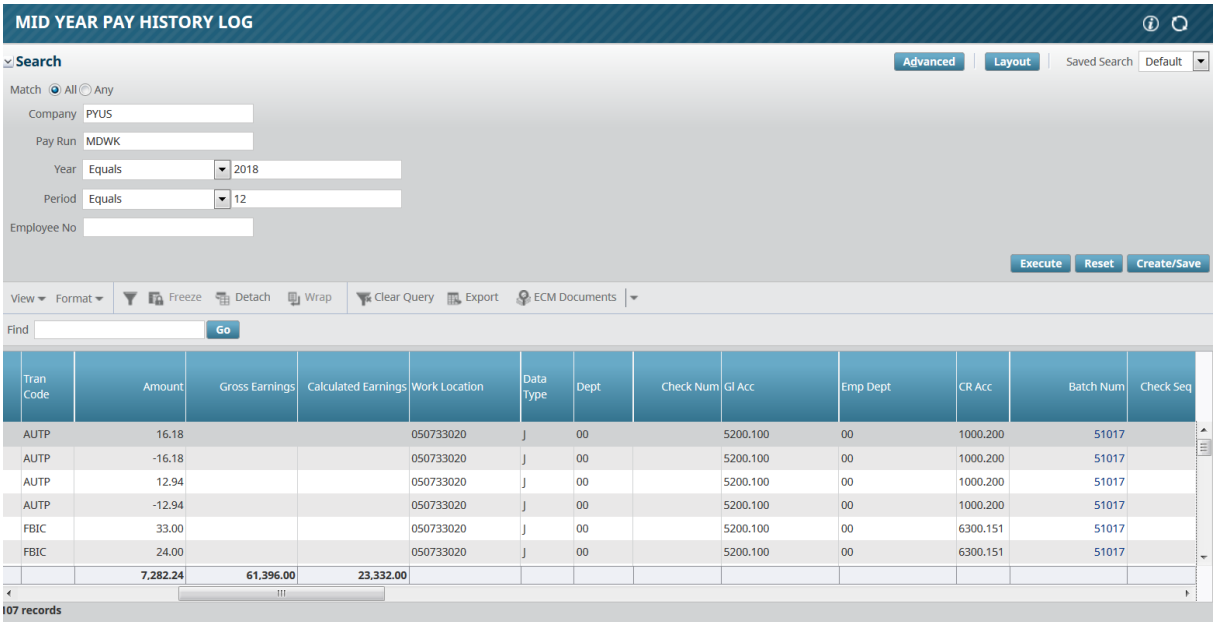

PY GENERAL LEDGER HISTORY LOG
Search
Advanced
Layout
Saved Search
Default
Match All Any
Company
Department
Account
Batch
Execute
Reset
Create/Save
View
Format
Freeze
Detach
Wrap
Clear Query
Export
ECM Documents
Find
Go
Company
Dsrc Company
Departme
Account
Journal
Batch
Batch Name
Dsrc Code
Src Code
Src Desc
Reference Code
Reference Date
Post Date
Ref Des
No rows yet.
Subcontract Management
Change Management
Job Billing
Work Order Billing
Requisitions
Purchase Order
Inventory
Equipment Costing
Preventive Maintenance
Material Sales
Fixed Assets
US Payroll
Setup
Administration
Timesheet
Processing
Government Forms
Query
Reports
Utilities
Logs
Mid Year Pay History Log
General Ledger History Log
Checks Header Log
International Payroll
Human Resources
Opportunity Management
Imaging
Workflow

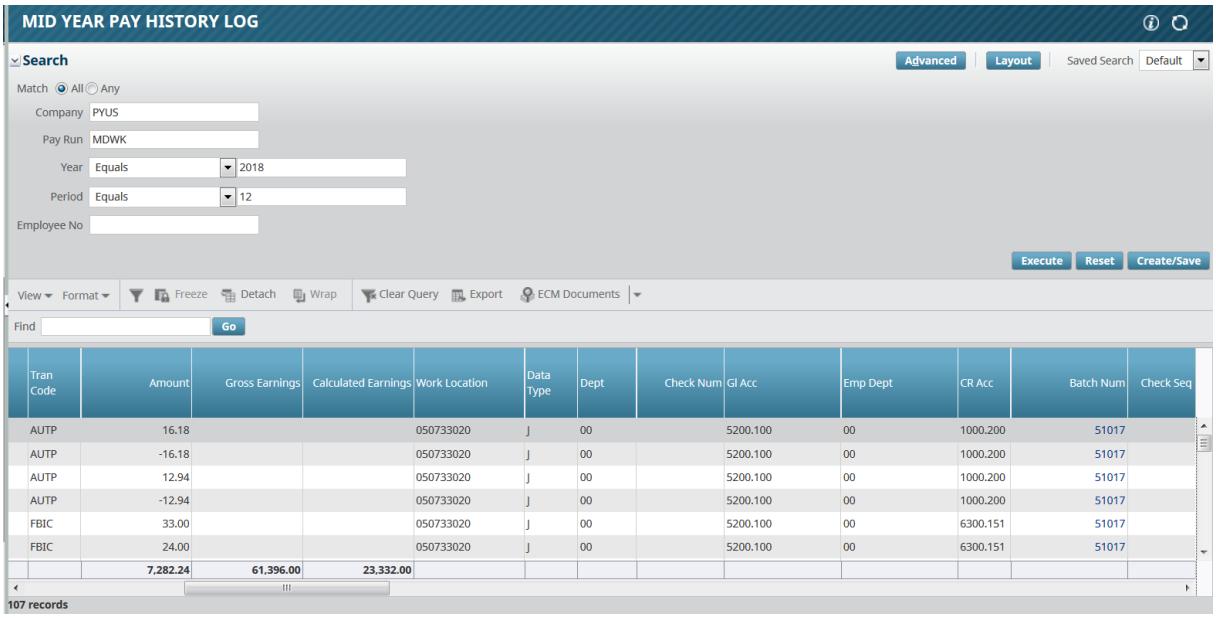

PY CHECKS HEADER LOG
Search
Advanced
Layout
Saved Search
Default
Match All Any
Emp No
Company
Pay Run
Year
Period
Execute
Reset
Create/Save
View
Format
Freeze
Detach
Wrap
Clear Query
Export
ECM Documents
Find
Go
Emp No
Company
Pay Run
Year
Period
Check Num
Check Amt
Check Reference
No rows yet.
no records
Subcontract Management
Change Management
Job Billing
Work Order Billing
Requisitions
Purchase Order
Inventory
Equipment Costing
Preventive Maintenance
Material Sales
Fixed Assets
US Payroll
Setup
Administration
Timesheet
Processing
Government Forms
Query
Reports
Utilities
Logs
Mid Year Pay History Log
General Ledger History Log
Checks Header Log
International Payroll
Human Resources
Opportunity Management
Imaging
Workflow
Business Intelligence
1099



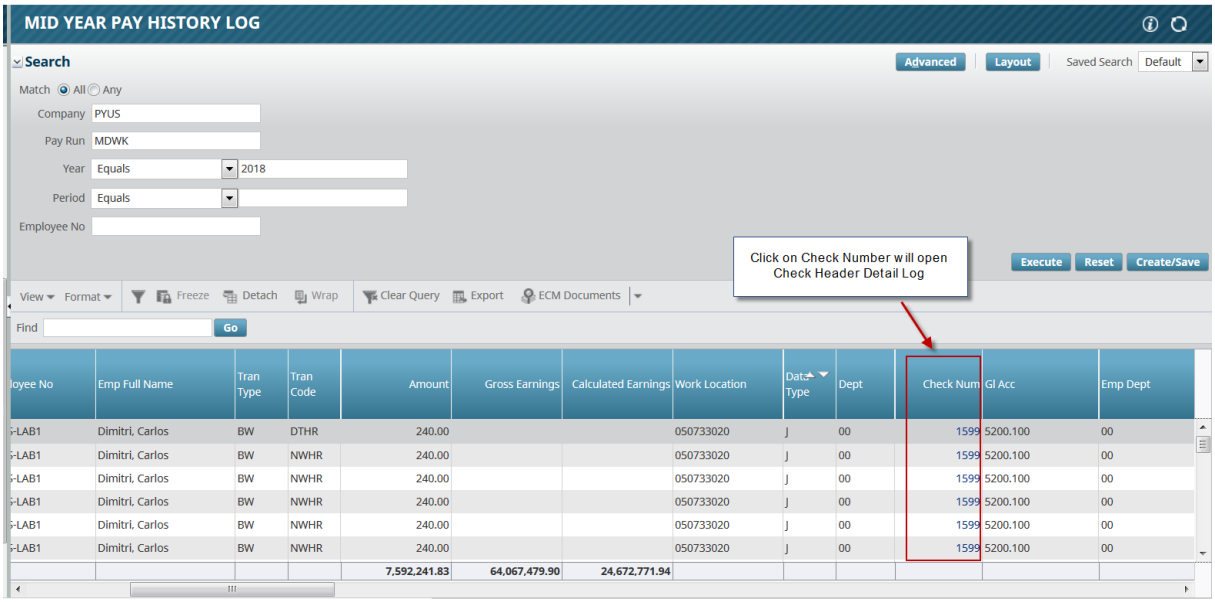
Mid-Year Pay History Log



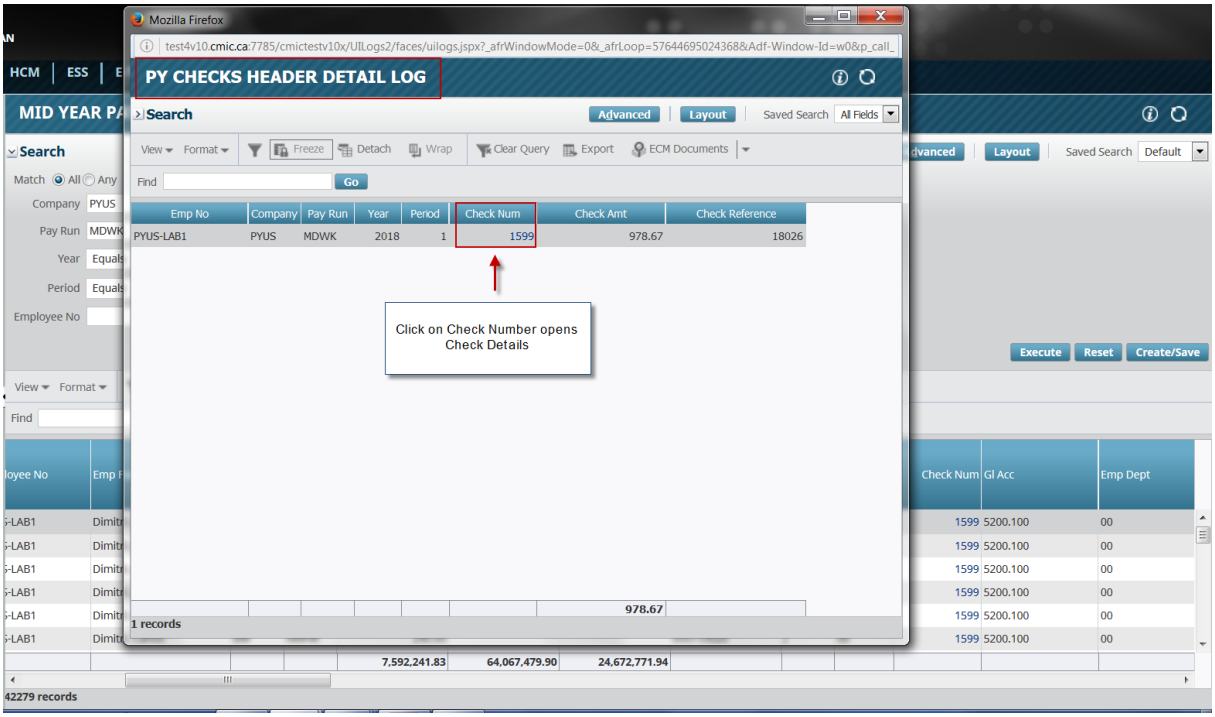

MID YEAR PAY HISTORY LOG
Search
Advanced
Layout
Saved Search
Default
Match All Any
Company PYUS
Pay Run MDWK
Year Equals 2018
Period Equals 12
Employee No
Execute
Reset
Create/Save
View
Format
Freeze
Detach
Wrap
Clear Query
Export
ECM Documents
Find
Go
Tran Code
Amount
Gross Earnings
Calculated Earnings
Work Location
Data Type
Dept
Check Num
GI Acc
Emp Dept
CR Acc
Batch Num
Check Seq
AUTP 16.18 050733020 J 00 5200.100 00 1000.200 51017
AUTP -16.18 050733020 J 00 5200.100 00 1000.200 51017
AUTP 12.94 050733020 J 00 5200.100 00 1000.200 51017
AUTP -12.94 050733020 J 00 5200.100 00 1000.200 51017
FBIC 33.00 050733020 J 00 5200.100 00 6300.151 51017
FBIC 24.00 050733020 J 00 5200.100 00 6300.151 51017
7,282.24 61,396.00 23,332.00
107 records

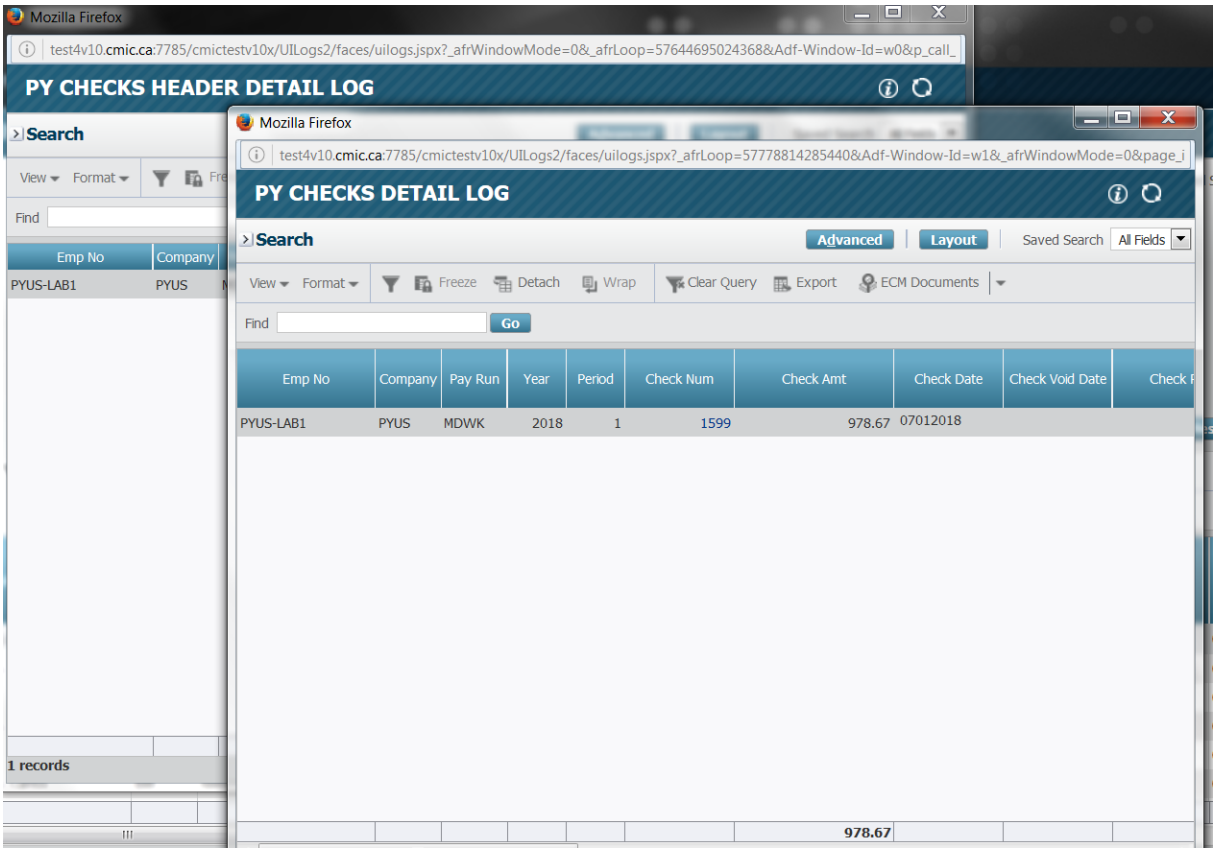

MID YEAR PAY HISTORY LOG
Search
Advanced
Layout
Saved Search
Default
Match All Any
Company PYUS
Pay Run MDWK
Year Equals 2018
Period Equals 12
Employee No
Execute
Reset
Create/Save
View
Format
Freeze
Detach
Wrap
Clear Query
Export
ECM Documents
Find
Go
Tran Code
Amount
Gross Earnings
Calculated Earnings
Work Location
Data Type
Dept
Check Num
GI Acc
Emp Dept
CR Acc
Batch Num
Check Seq
AUTP 16.18 050733020 J 00 5200.100 00 1000.200 51017
AUTP -16.18 050733020 J 00 5200.100 00 1000.200 51017
AUTP 12.94 050733020 J 00 5200.100 00 1000.200 51017
AUTP -12.94 050733020 J 00 5200.100 00 1000.200 51017
FBIC 33.00 050733020 J 00 5200.100 00 6300.151 51017
FBIC 24.00 050733020 J 00 5200.100 00 6300.151 51017
7,282.24 61,396.00 23,332.00
107 records

Mid-Year Pay History Log Screen– Clicking on the Check Number will open the Check Header Detail Log

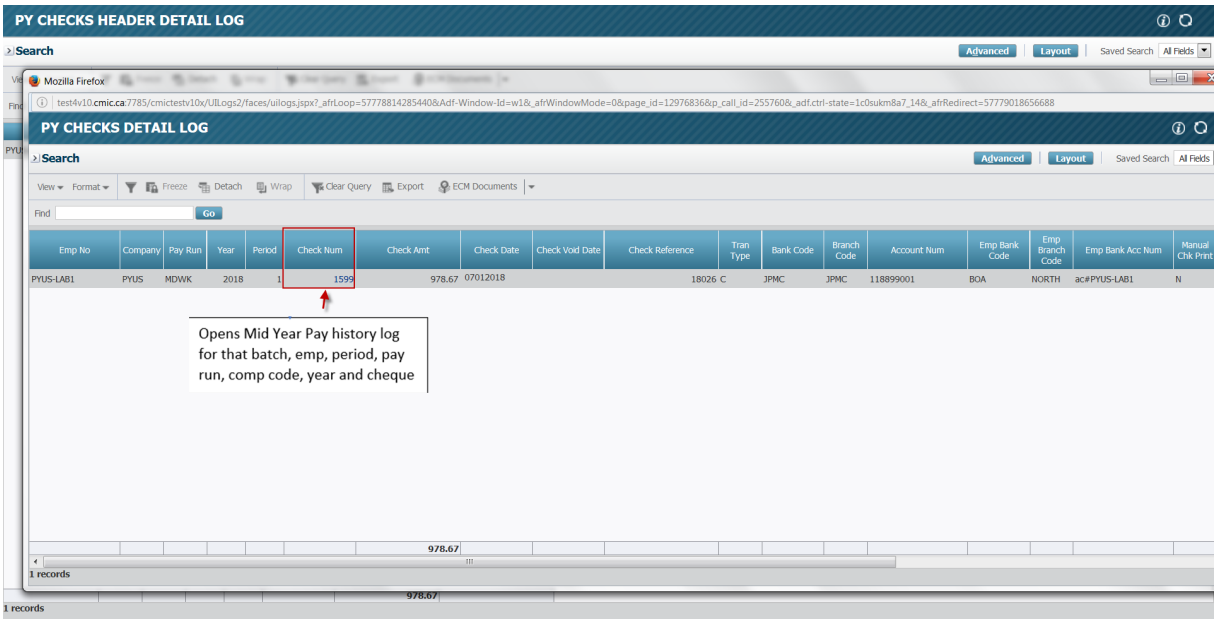


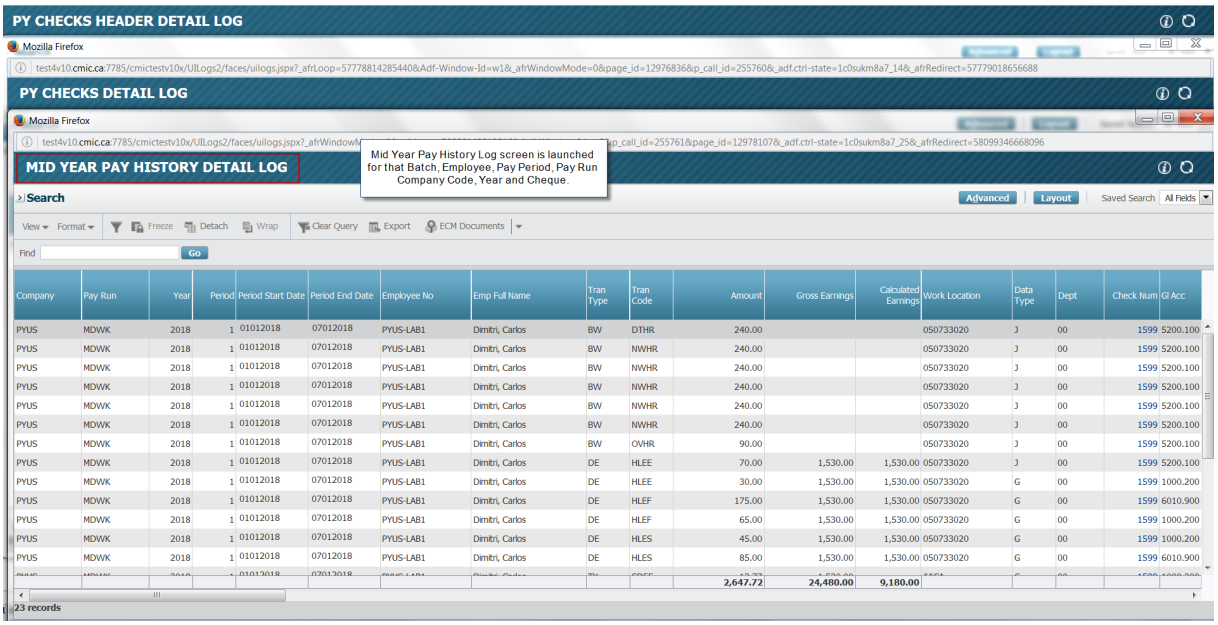
Checks Header Detail Log Screen – Clicking on the Check Number will open Checks Detail Log screen

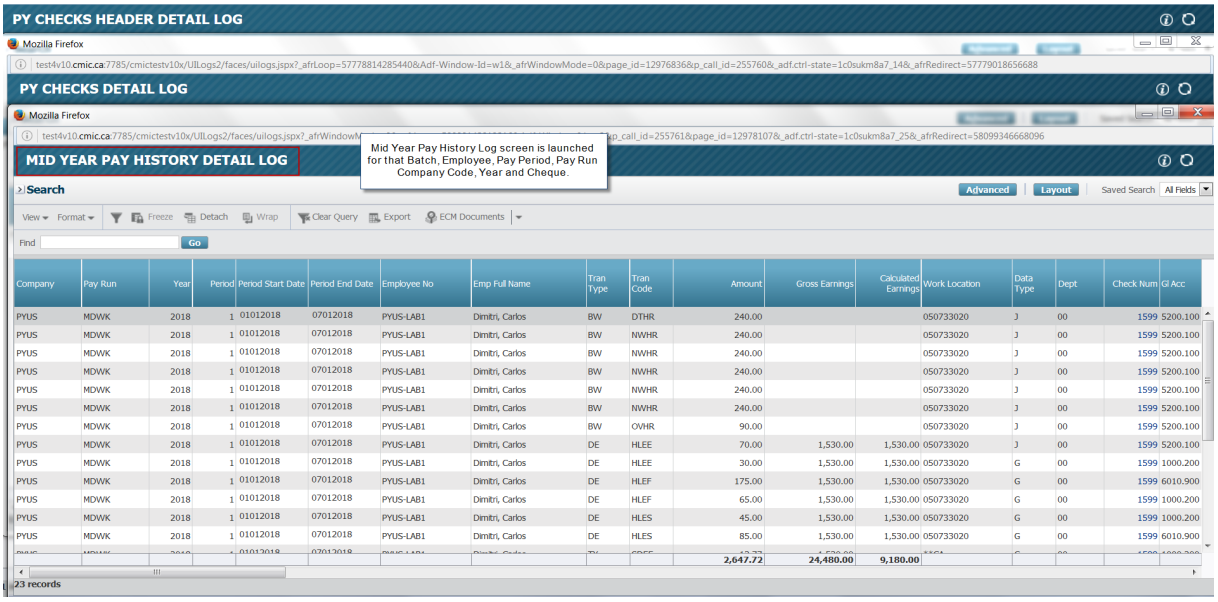


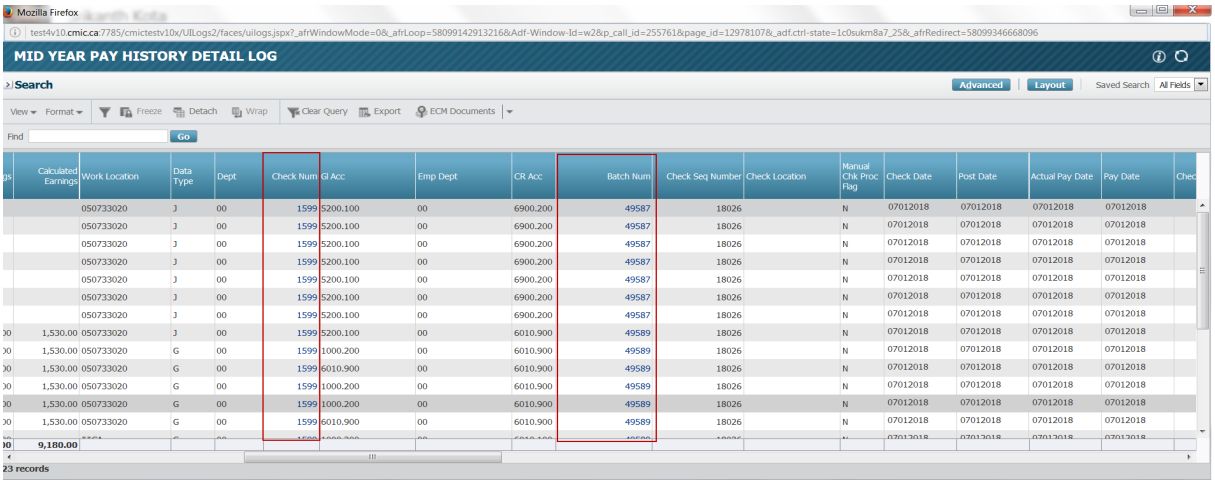


When on the Checks Detail Log screen, clicking the Check Number here will re-direct the user to Mid-Year Pay History Log screen.

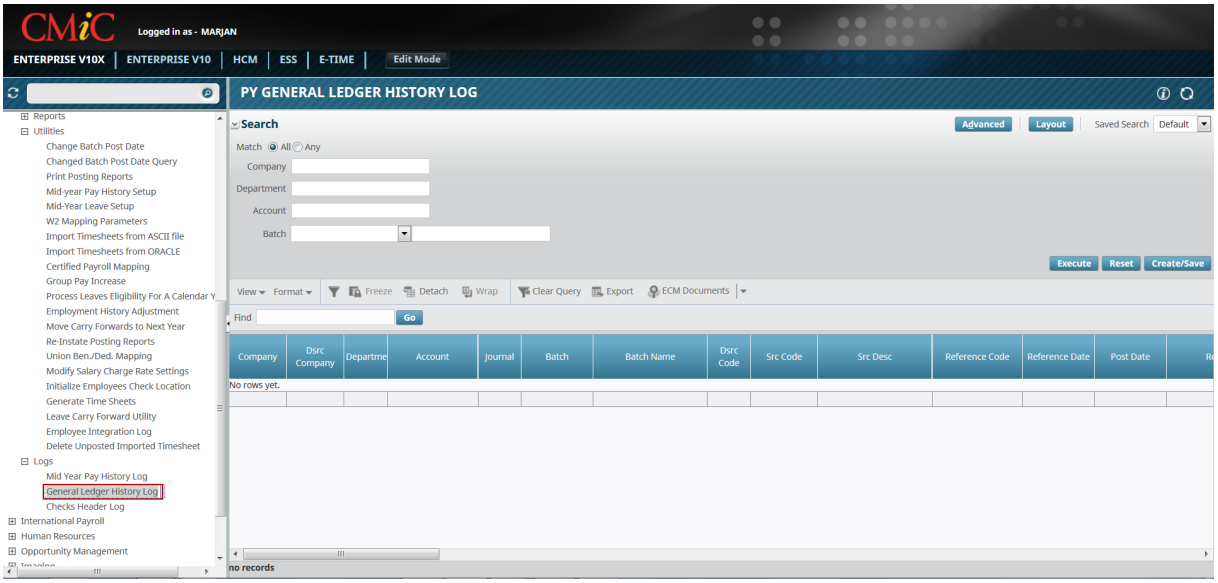


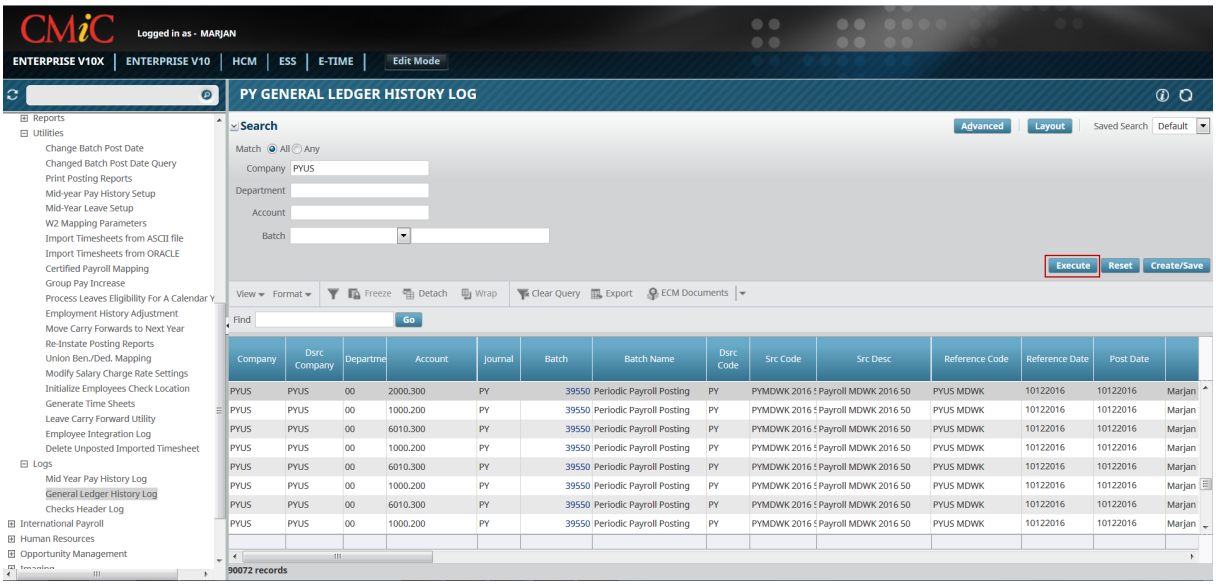

PY CHECKS HEADER DETAIL LOG
Mozilla Firefox
PY CHECKS DETAIL LOG
MID YEAR PAY HISTORY DETAIL LOG
Mid Year Pay History Log screen is launched for that Batch, Employee, Pay Period, Pay Run Company Code, Year and Cheque.
Search
Advanced
Layout
Saved Search
All Fields
View
Format
Freeze
Detach
Wrap
Clear Query
Export
ECM Documents
Find
Go
Company
Pay Run
Year
Period
Period Start Date
Period End Date
Employee No
Emp Full Name
Tran Type
Tran Code
Amount
Gross Earnings
Calculated Earnings
Work Location
Data Type
Dept
Check Num
GI Acc
PYUS MDWK 2018 1 01012018 07012018 PYUS-LAB1 Dimitri, Carlos BW DTHR 240.00 050733020 J 00 1599 5200.100
PYUS MDWK 2018 1 01012018 07012018 PYUS-LAB1 Dimitri, Carlos BW NWHR 240.00 050733020 J 00 1599 5200.100
PYUS MDWK 2018 1 01012018 07012018 PYUS-LAB1 Dimitri, Carlos BW NWHR 240.00 050733020 J 00 1599 5200.100
PYUS MDWK 2018 1 01012018 07012018 PYUS-LAB1 Dimitri, Carlos BW NWHR 240.00 050733020 J 00 1599 5200.100
PYUS MDWK 2018 1 01012018 07012018 PYUS-LAB1 Dimitri, Carlos BW NWHR 240.00 050733020 J 00 1599 5200.100
PYUS MDWK 2018 1 01012018 07012018 PYUS-LAB1 Dimitri, Carlos BW NWHR 240.00 050733020 J 00 1599 5200.100
PYUS MDWK 2018 1 01012018 07012018 PYUS-LAB1 Dimitri, Carlos BW OVHR 90.00 050733020 J 00 1599 5200.100
PYUS MDWK 2018 1 01012018 07012018 PYUS-LAB1 Dimitri, Carlos DE HLEE 70.00 1,530.00 1,530.00 050733020 J 00 1599 5200.100
PYUS MDWK 2018 1 01012018 07012018 PYUS-LAB1 Dimitri, Carlos DE HLEE 30.00 1,530.00 1,530.00 050733020 G 00 1599 1000.200
PYUS MDWK 2018 1 01012018 07012018 PYUS-LAB1 Dimitri, Carlos DE HLEF 175.00 1,530.00 1,530.00 050733020 G 00 1599 6010.900
PYUS MDWK 2018 1 01012018 07012018 PYUS-LAB1 Dimitri, Carlos DE HLEF 65.00 1,530.00 1,530.00 050733020 G 00 1599 1000.200
PYUS MDWK 2018 1 01012018 07012018 PYUS-LAB1 Dimitri, Carlos DE HLES 45.00 1,530.00 1,530.00 050733020 G 00 1599 1000.200
PYUS MDWK 2018 1 01012018 07012018 PYUS-LAB1 Dimitri, Carlos DE HLES 85.00 1,530.00 1,530.00 050733020 G 00 1599 6010.900
2,647.72 24,480.00 9,180.00
23 records

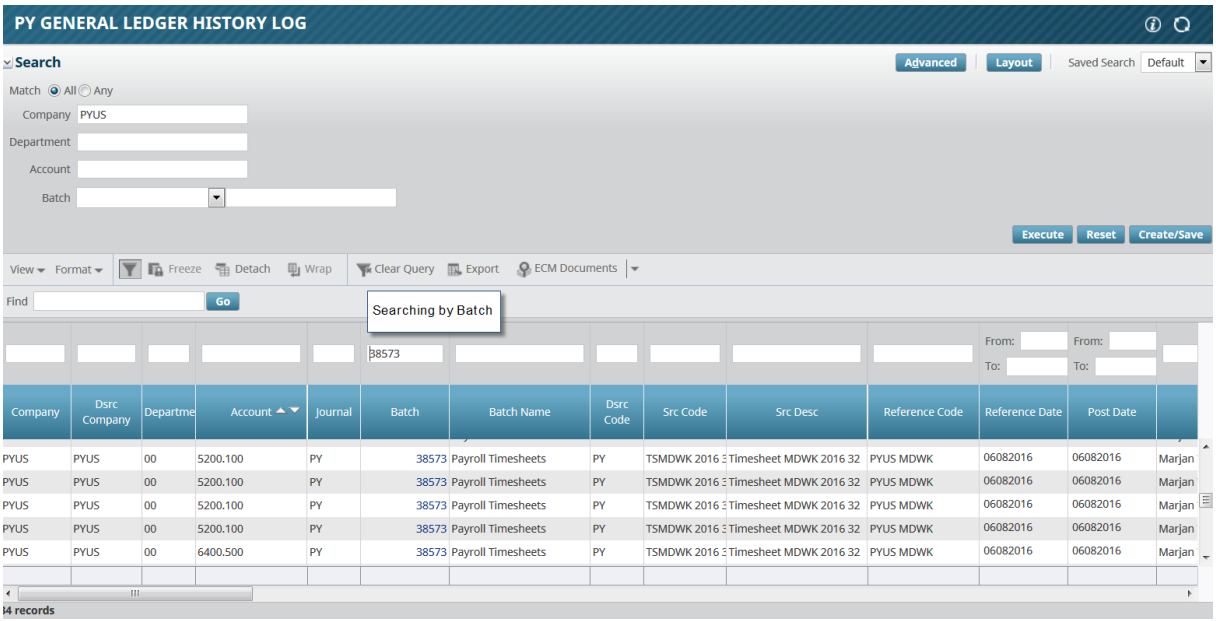

PY CHECKS HEADER DETAIL LOG
Mozilla Firefox
PY CHECKS DETAIL LOG
MID YEAR PAY HISTORY DETAIL LOG
Mid Year Pay History Log screen is launched for that Batch, Employee, Pay Period, Pay Run Company Code, Year and Cheque.
Search
Advanced
Layout
Saved Search
All Fields
View
Format
Freeze
Detach
Wrap
Clear Query
Export
ECM Documents
Find
Go
Company
Pay Run
Year
Period
Period Start Date
Period End Date
Employee No
Emp Full Name
Tran Type
Tran Code
Amount
Gross Earnings
Calculated Earnings
Work Location
Data Type
Dept
Check Num
GI Acc
PYUS MDWK 2018 1 01012018 07012018 PYUS-LAB1 Dimitri, Carlos BW DTHR 240.00 050733020 J 00 1599 5200.100
PYUS MDWK 2018 1 01012018 07012018 PYUS-LAB1 Dimitri, Carlos BW NWHR 240.00 050733020 J 00 1599 5200.100
PYUS MDWK 2018 1 01012018 07012018 PYUS-LAB1 Dimitri, Carlos BW NWHR 240.00 050733020 J 00 1599 5200.100
PYUS MDWK 2018 1 01012018 07012018 PYUS-LAB1 Dimitri, Carlos BW NWHR 240.00 050733020 J 00 1599 5200.100
PYUS MDWK 2018 1 01012018 07012018 PYUS-LAB1 Dimitri, Carlos BW NWHR 240.00 050733020 J 00 1599 5200.100
PYUS MDWK 2018 1 01012018 07012018 PYUS-LAB1 Dimitri, Carlos BW NWHR 240.00 050733020 J 00 1599 5200.100
PYUS MDWK 2018 1 01012018 07012018 PYUS-LAB1 Dimitri, Carlos BW OVHR 90.00 050733020 J 00 1599 5200.100
PYUS MDWK 2018 1 01012018 07012018 PYUS-LAB1 Dimitri, Carlos DE HLEE 70.00 1,530.00 1,530.00 050733020 J 00 1599 5200.100
PYUS MDWK 2018 1 01012018 07012018 PYUS-LAB1 Dimitri, Carlos DE HLEE 30.00 1,530.00 1,530.00 050733020 G 00 1599 1000.200
PYUS MDWK 2018 1 01012018 07012018 PYUS-LAB1 Dimitri, Carlos DE HLEF 175.00 1,530.00 1,530.00 050733020 G 00 1599 6010.900
PYUS MDWK 2018 1 01012018 07012018 PYUS-LAB1 Dimitri, Carlos DE HLEF 65.00 1,530.00 1,530.00 050733020 G 00 1599 1000.200
PYUS MDWK 2018 1 01012018 07012018 PYUS-LAB1 Dimitri, Carlos DE HLES 45.00 1,530.00 1,530.00 050733020 G 00 1599 1000.200
PYUS MDWK 2018 1 01012018 07012018 PYUS-LAB1 Dimitri, Carlos DE HLES 85.00 1,530.00 1,530.00 050733020 G 00 1599 6010.900
2,647.72 24,480.00 9,180.00
23 records



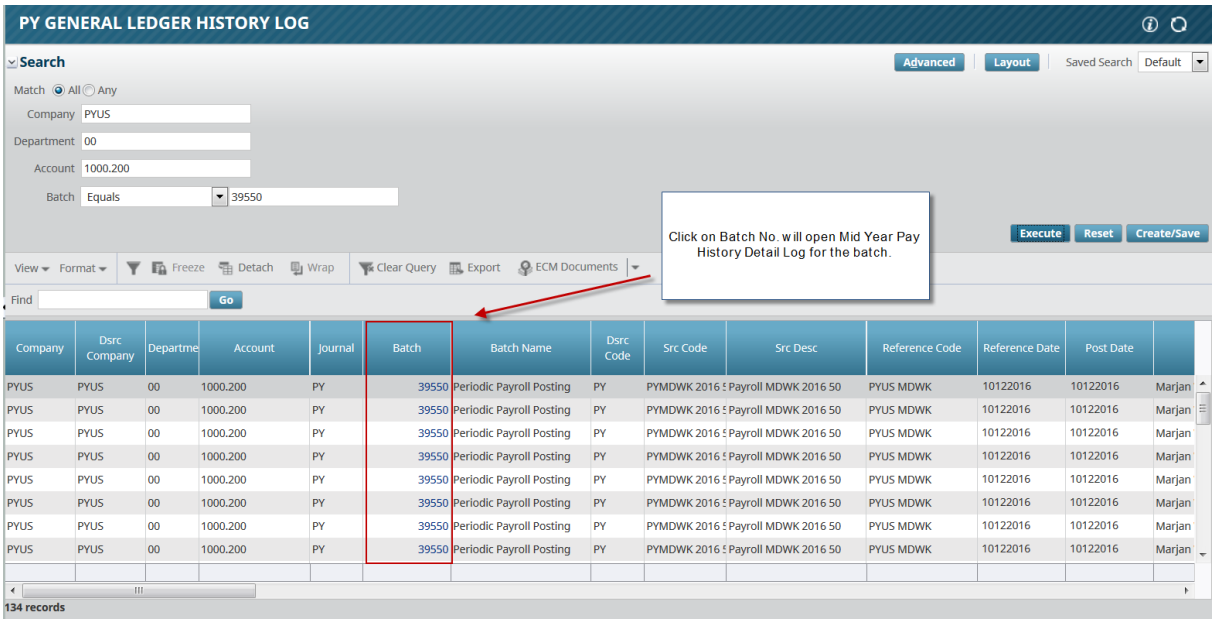
PY General Ledger History Log



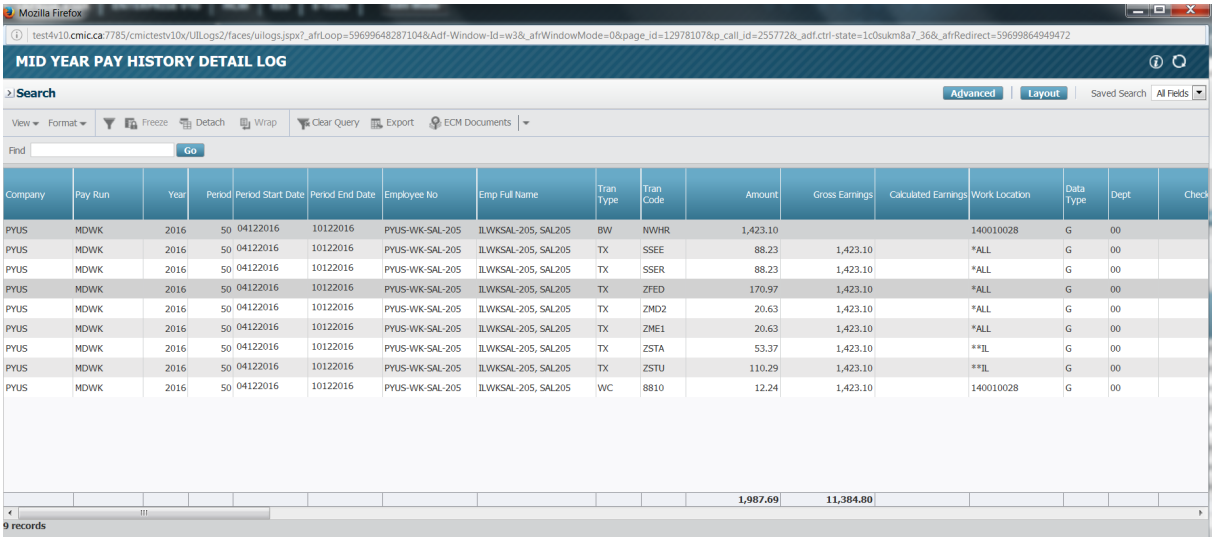




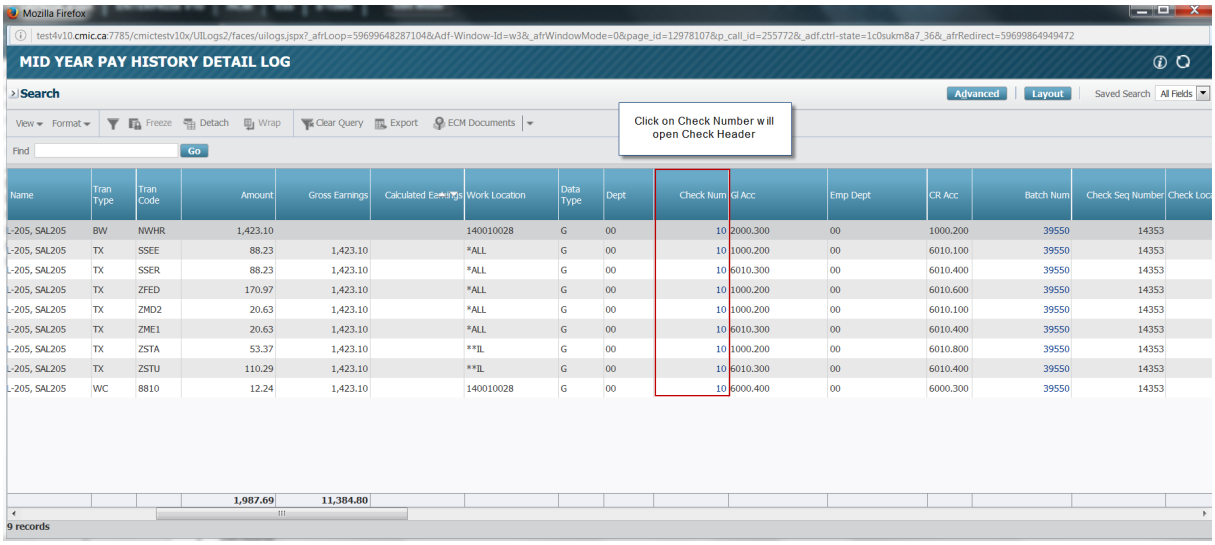
PY General Ledger History Log – Clicking on the Batch Number in PY General Ledger History Log will open the Mid-Year Pay History Detail Log screen



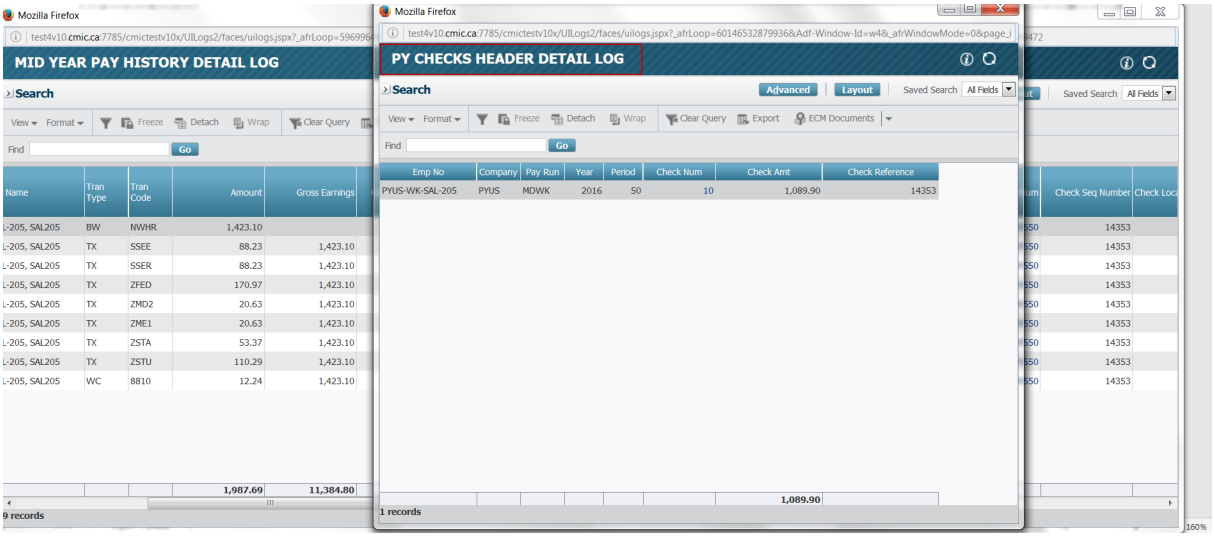
Redirecting user to Mid-Year Pay History Detail Log screen

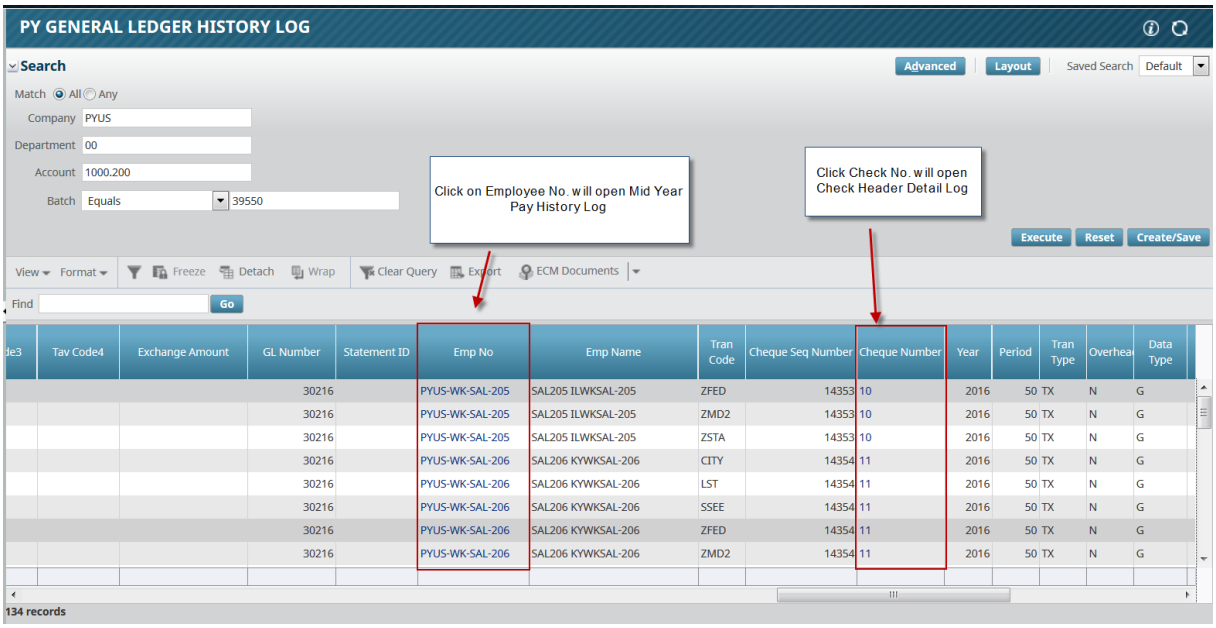


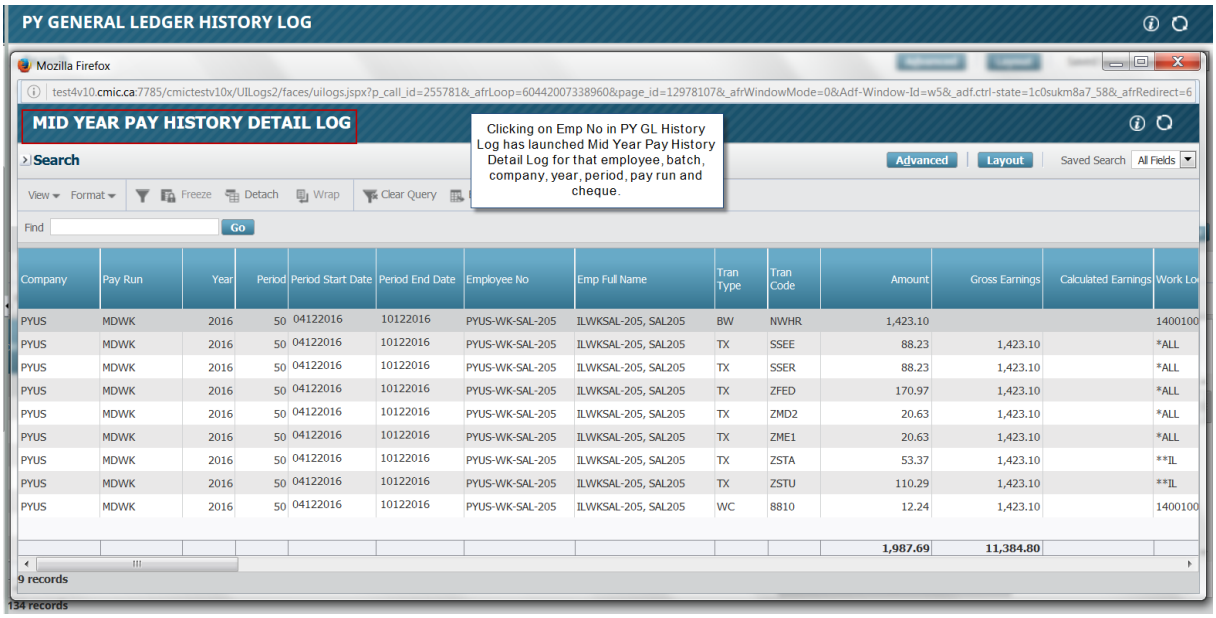
In Mid-Year Pay History Detail Log screen, clicking on the Check Number will open the PY Check Header Detail Log

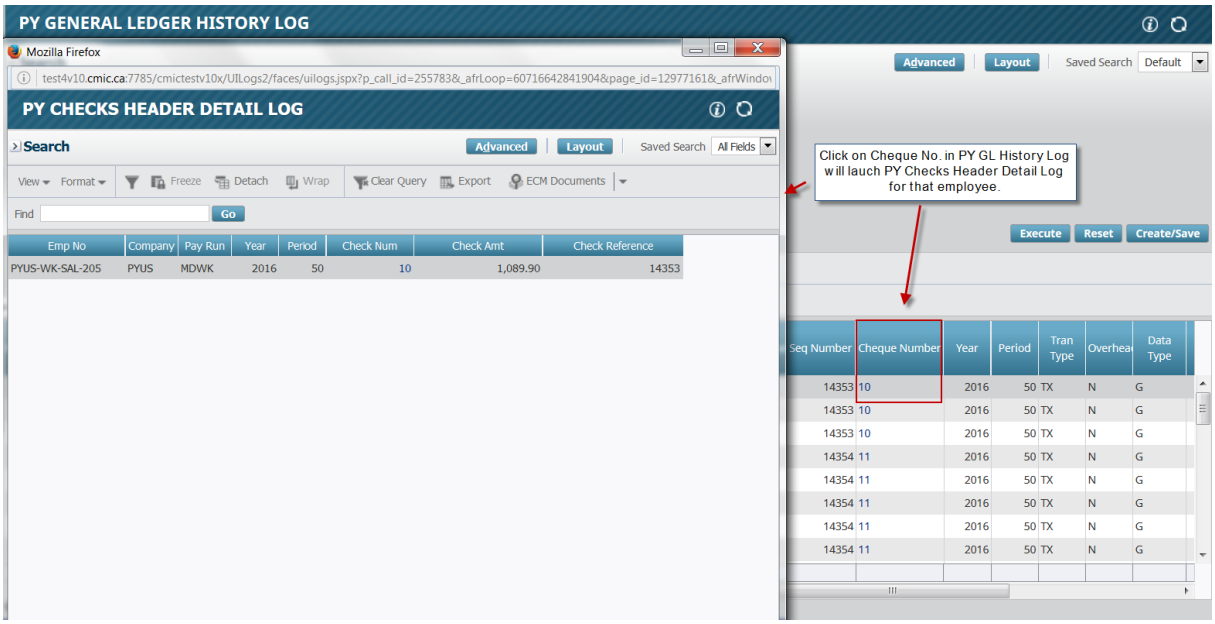


Check Header Detail Log

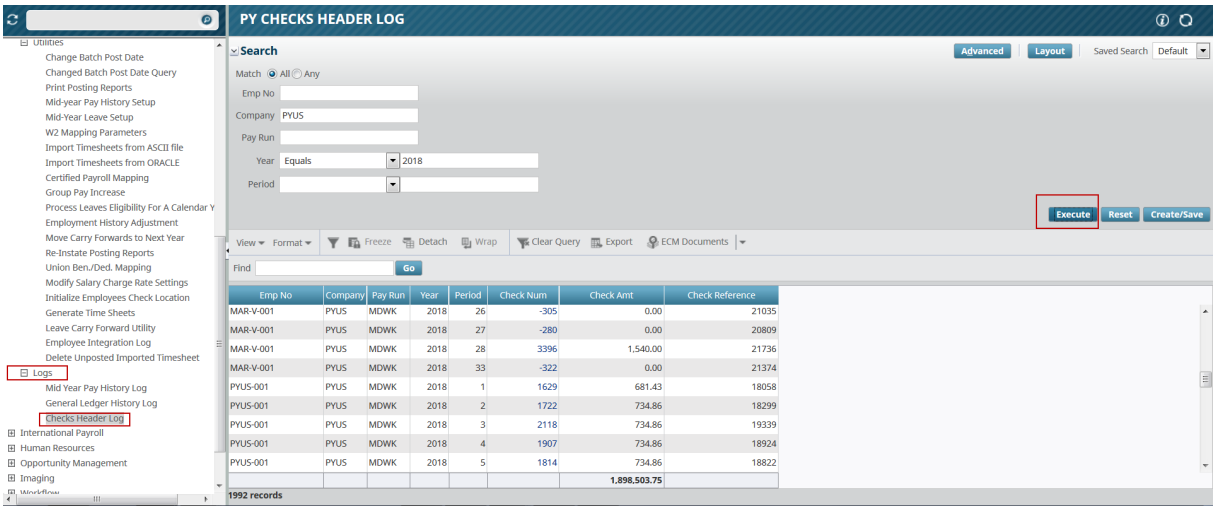



PY GENERAL LEDGER HISTORY LOG
Search
Advanced
Layout
Saved Search
Default
Match All Any
Company PYUS
Department 00
Account 1000.200
Batch Equals 39550
Click on Employee No. will open Mid Year Pay History Log
Click Check No. will open Check Header Detail Log
Execute
Reset
Create/Save
View Format Freeze Detach Wrap Clear Query Export ECM Documents
Find
Go
Tav Code4
Exchange Amount
GL Number
Statement ID
Emp No
Emp Name
Tran Code
Cheque Seq Number
Cheque Number
Year
Period
Tran Type
Overhea
Data Type
30216 PYUS-WK-SAL-205 SAL205 ILWKSAL-205 ZFED 14353 10 2016 50 TX N G
30216 PYUS-WK-SAL-205 SAL205 ILWKSAL-205 ZMD2 14353 10 2016 50 TX N G
30216 PYUS-WK-SAL-205 SAL205 ILWKSAL-205 ZSTA 14353 10 2016 50 TX N G
30216 PYUS-WK-SAL-206 SAL206 KYWKSAL-206 CITY 14354 11 2016 50 TX N G
30216 PYUS-WK-SAL-206 SAL206 KYWKSAL-206 LST 14354 11 2016 50 TX N G
30216 PYUS-WK-SAL-206 SAL206 KYWKSAL-206 SSEE 14354 11 2016 50 TX N G
30216 PYUS-WK-SAL-206 SAL206 KYWKSAL-206 ZFED 14354 11 2016 50 TX N G
30216 PYUS-WK-SAL-206 SAL206 KYWKSAL-206 ZMD2 14354 11 2016 50 TX N G
134 records

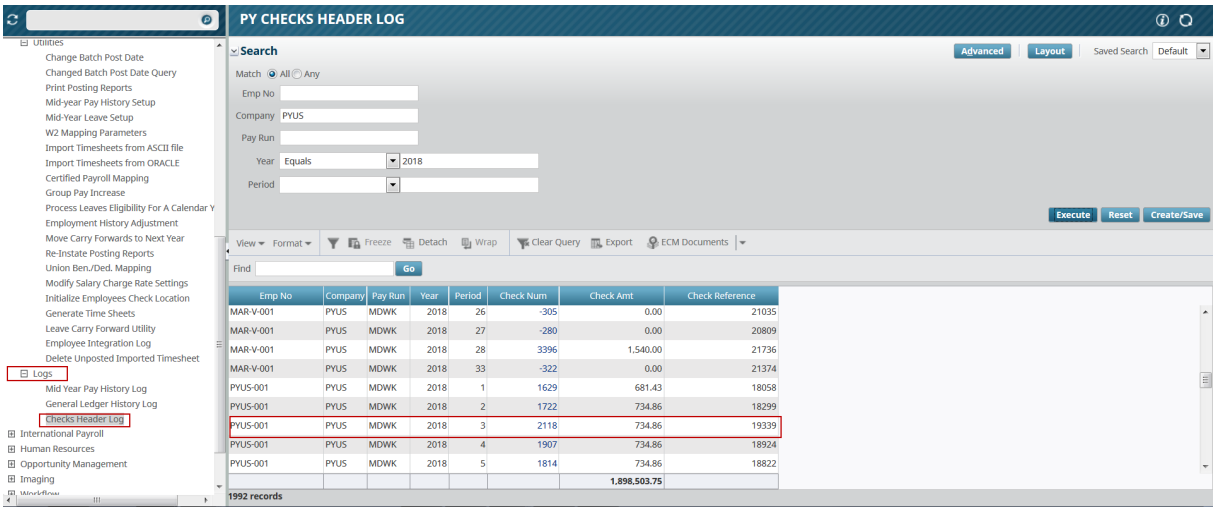

PY GENERAL LEDGER HISTORY LOG
Mozilla Firefox
test4v10.cmic.ca:7785/cmictestv10x/UILogs2/faces/uilogs.jspx?p_call_id=255781&_afrLoop=604420073389608page_id=12978107&_afrWindowMode=0&Adf-Window-Id=w5&_adf.ctrl-state=1c0sukm8a7_58&_afrRedirect=6
MID YEAR PAY HISTORY DETAIL LOG
Clicking on Emp No in PY GL History Log has launched Mid Year Pay History Detail Log for that employee, batch, company, year, period, pay run and cheque.
Search
Advanced
Layout
Saved Search
All Fields
View Format Freeze Detach Wrap Clear Query
Find
Go
Company
Pay Run
Year
Period
Period Start Date
Period End Date
Employee No
Emp Full Name
Tran Type
Tran Code
Amount
Gross Earnings
Calculated Earnings
Work Lo
PYUS MDWK 2016 50 04122016 10122016 PYUS-WK-SAL-205 ILWKSAL-205, SAL205 BW NWHR 1,423.10 1400100
PYUS MDWK 2016 50 04122016 10122016 PYUS-WK-SAL-205 ILWKSAL-205, SAL205 TX SSEE 88.23 1,423.10 *ALL
PYUS MDWK 2016 50 04122016 10122016 PYUS-WK-SAL-205 ILWKSAL-205, SAL205 TX SSER 88.23 1,423.10 *ALL
PYUS MDWK 2016 50 04122016 10122016 PYUS-WK-SAL-205 ILWKSAL-205, SAL205 TX ZFED 170.97 1,423.10 *ALL
PYUS MDWK 2016 50 04122016 10122016 PYUS-WK-SAL-205 ILWKSAL-205, SAL205 TX ZMD2 20.63 1,423.10 *ALL
PYUS MDWK 2016 50 04122016 10122016 PYUS-WK-SAL-205 ILWKSAL-205, SAL205 TX ZME1 20.63 1,423.10 *ALL
PYUS MDWK 2016 50 04122016 10122016 PYUS-WK-SAL-205 ILWKSAL-205, SAL205 TX ZSTA 53.37 1,423.10 **IL
PYUS MDWK 2016 50 04122016 10122016 PYUS-WK-SAL-205 ILWKSAL-205, SAL205 TX ZSTU 110.29 1,423.10 **IL
PYUS MDWK 2016 50 04122016 10122016 PYUS-WK-SAL-205 ILWKSAL-205, SAL205 WC 8810 12.24 1,423.10 1400100
1,987.69 11,384.80
9 records
134 records

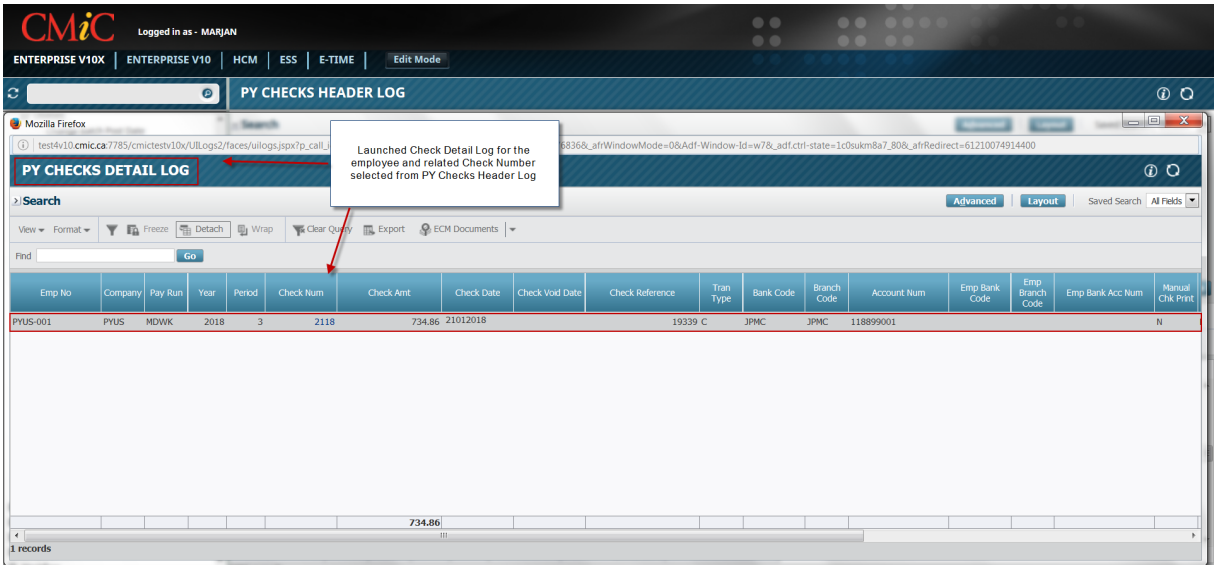


PY Checks Header Log

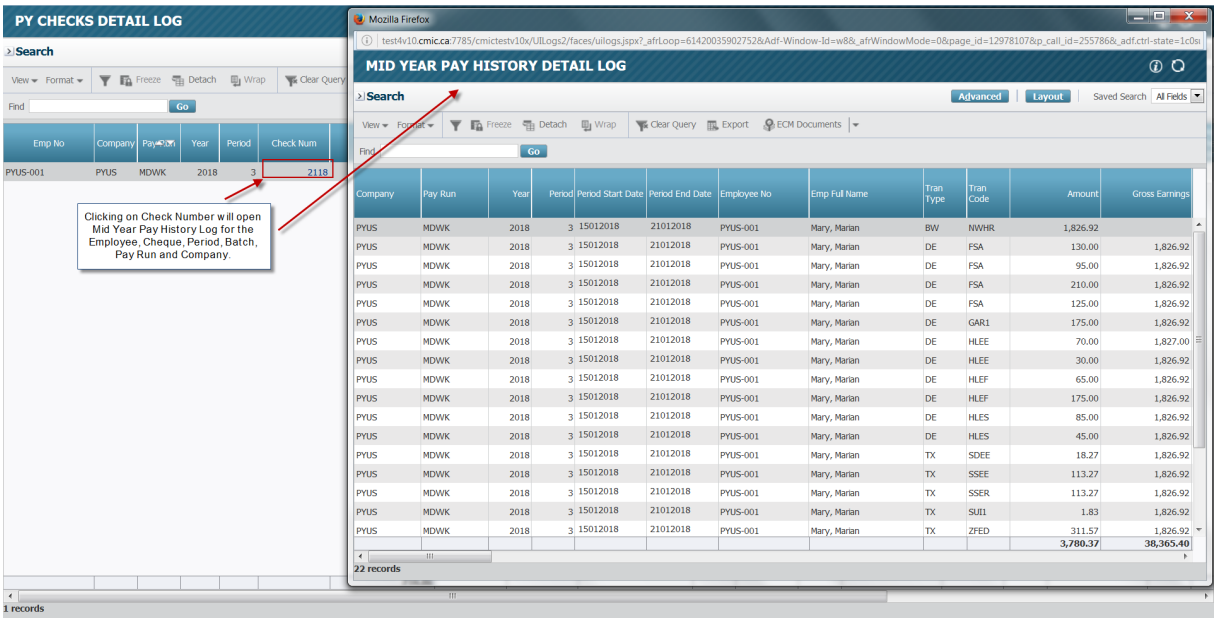


Clicking on Check Number will open Check Details

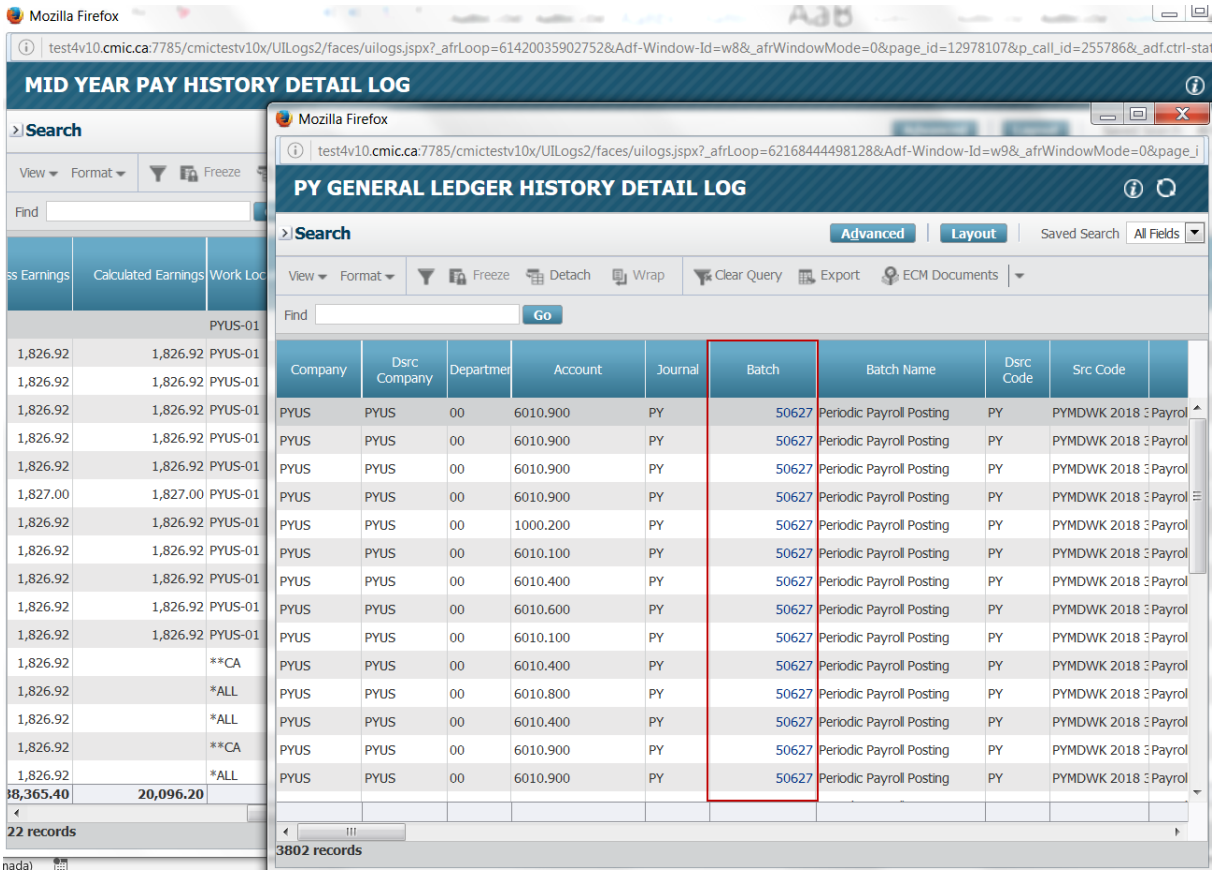


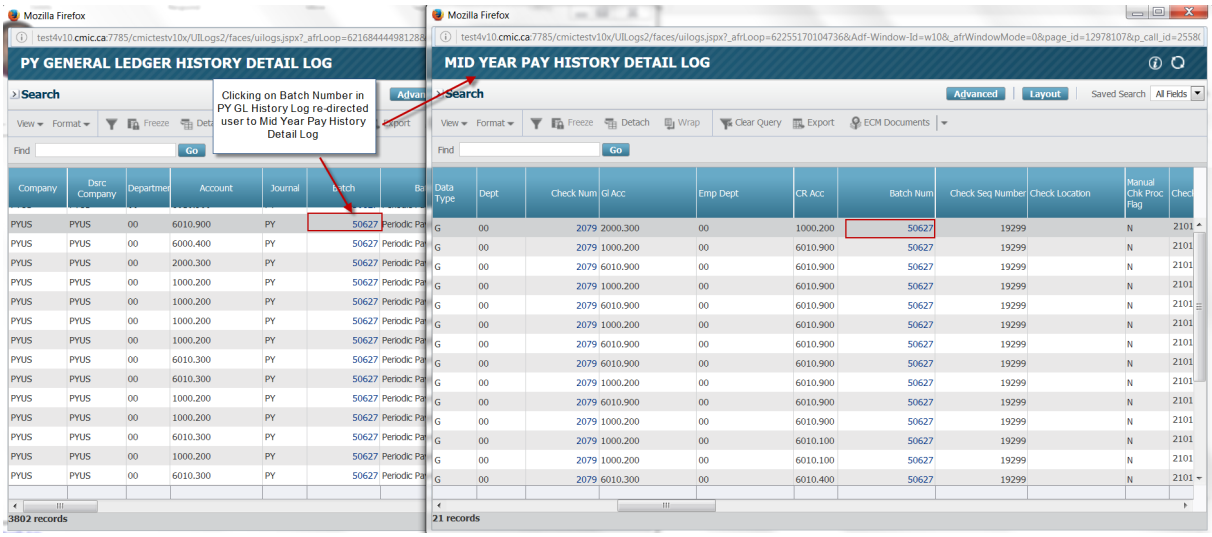


Clicking Cheque Number from PY Checks Detail Log will open Mid-Year Pay History Detail Log



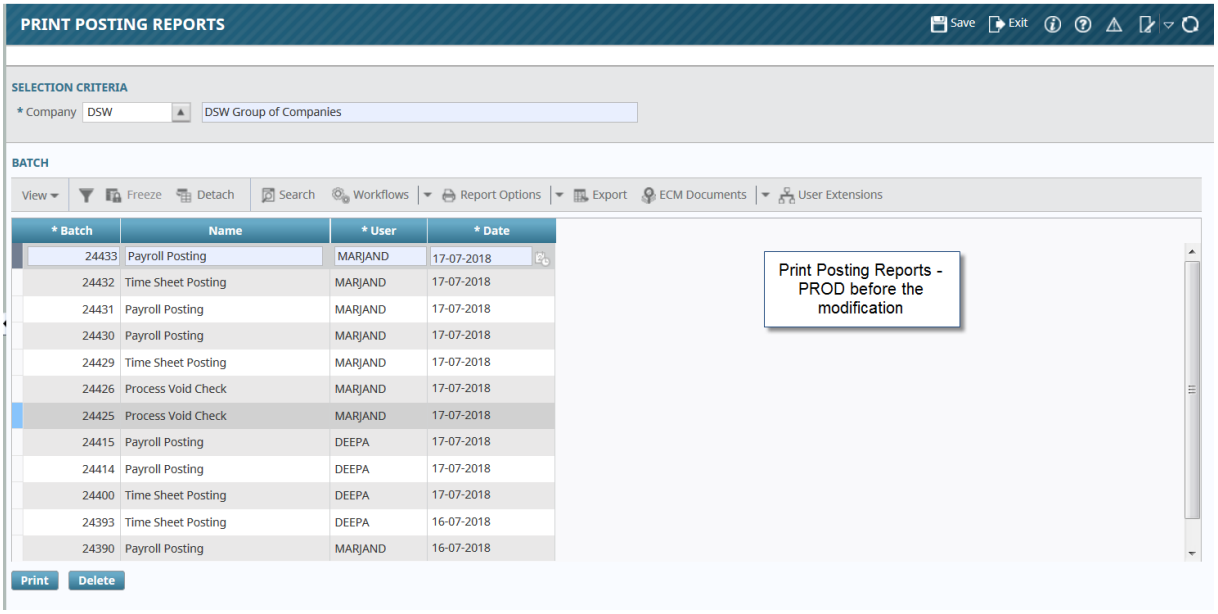
Mid Year Pay History and General Ledger History should be linked via batch number. When user clicks on the batch number of Mid Year Pay History Log, it should re-direct to that particular batch in GL History.



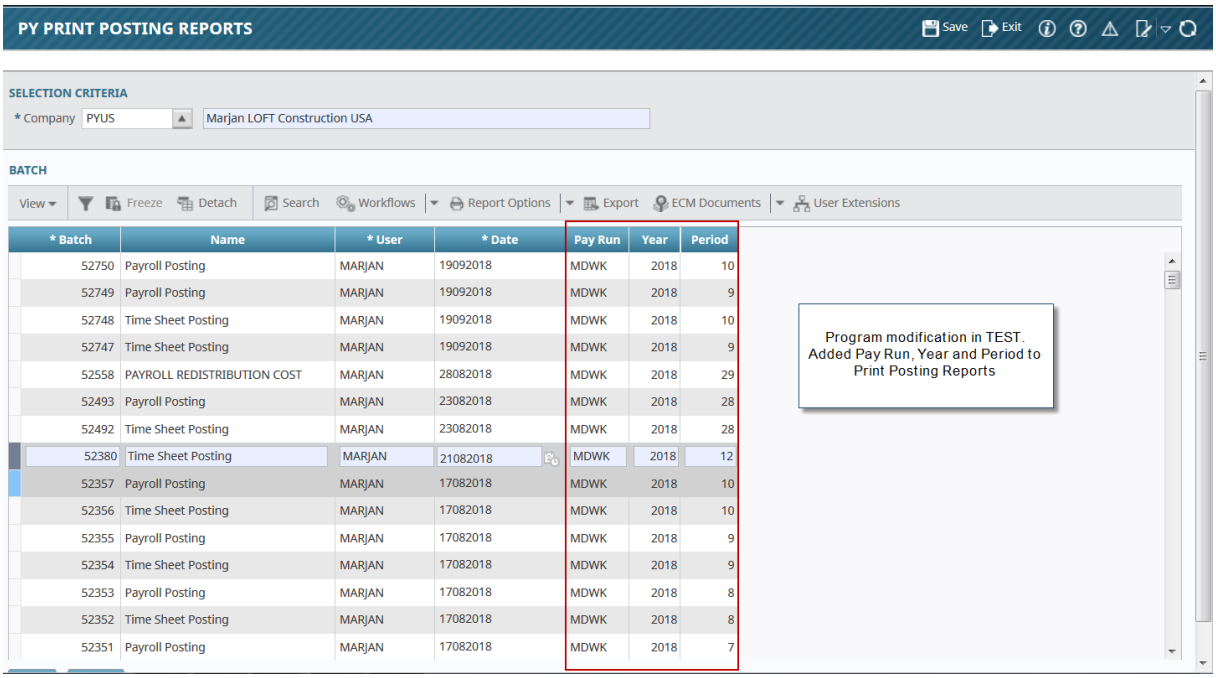


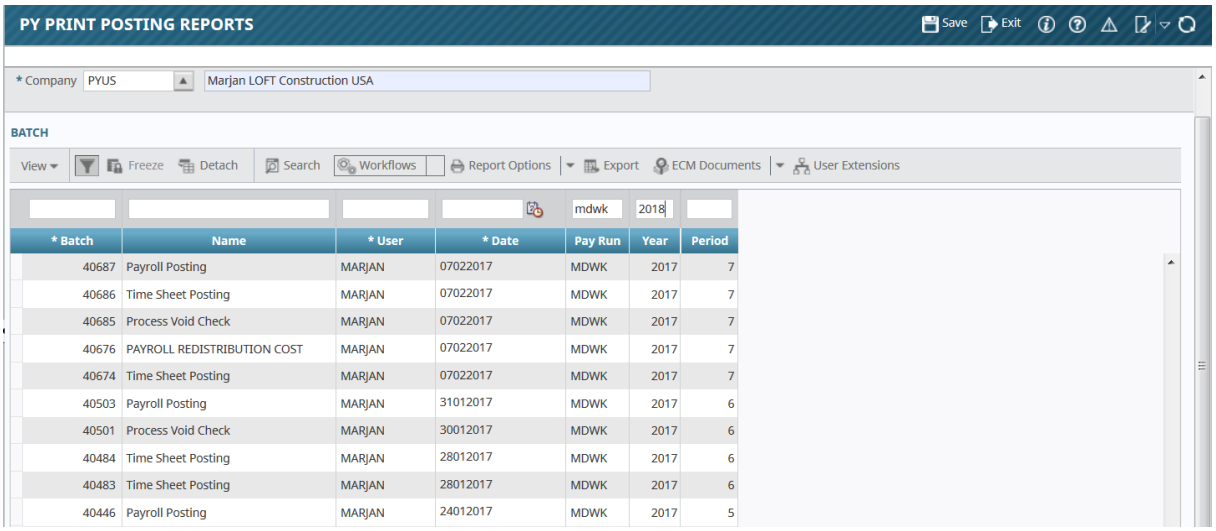
Print Posting Reports for PY Modification - (18.60393)

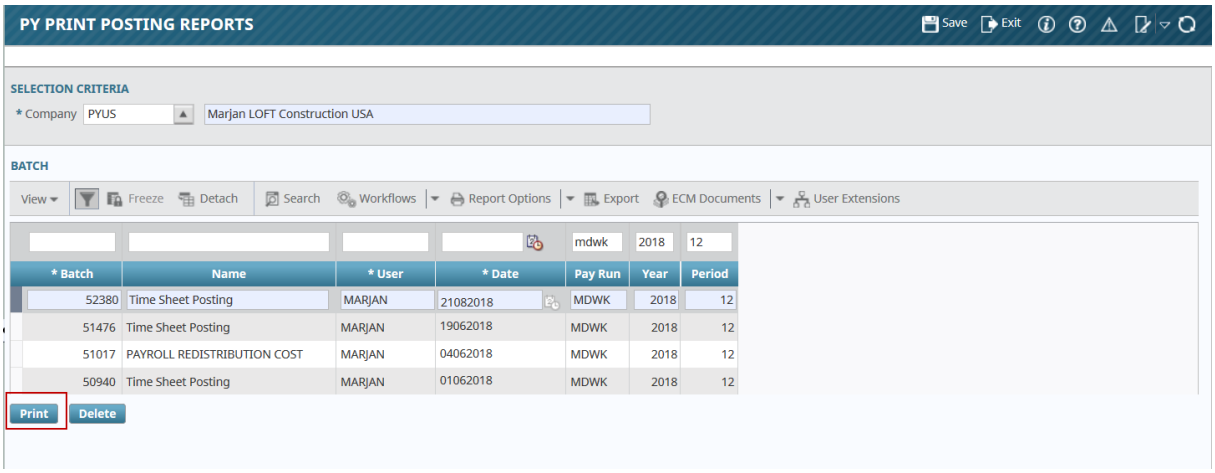
CMiC has made modifications to Print Posting reports in PY application. The current Print Posting Reports (SYSRUN) is a generic program used across various applications based on the app code, as a results, it doesn't show PY specific fields. The new modified program will now display Pay Run, Year and Period fields for the user, to know which batch they are selecting to print/delete.

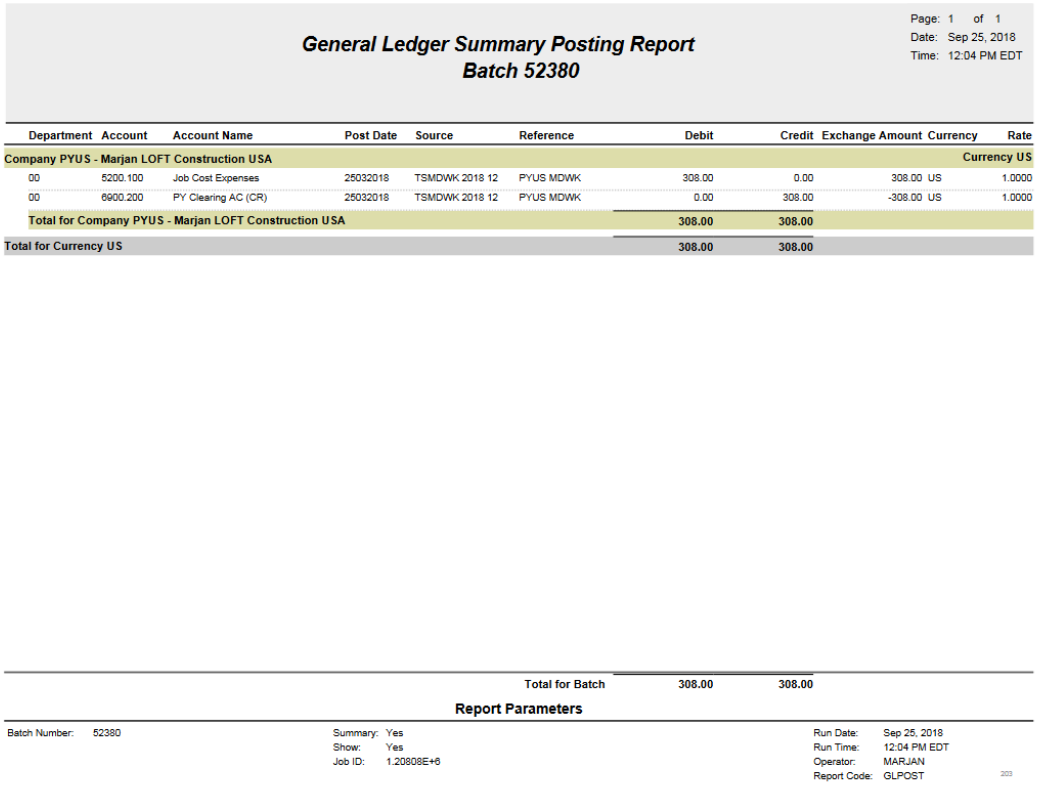


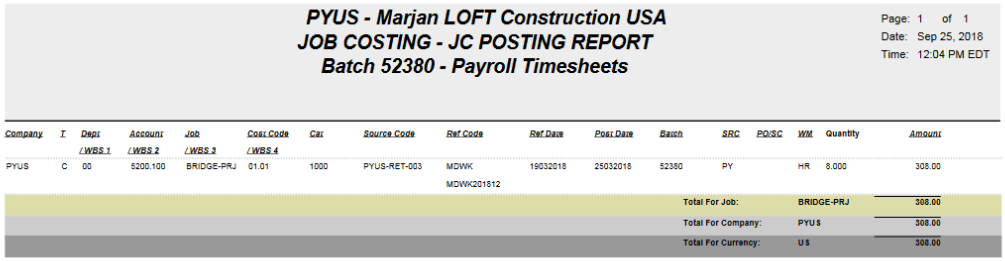
New modified screen displays the Pay Run, Year and Period


PY PRINT POSTING REPORTS
Save
Exit
SELECTION CRITERIA
* Company
PYUS
Marjan LOFT Construction USA
BATCH
View
Freeze
Detach
Search
Workflows
Report Options
Export
ECM Documents
User Extensions
* Batch
Name
* User
* Date
Pay Run
Year
Period
52750 Payroll Posting MARJAN 19092018 MDWK 2018 10
52749 Payroll Posting MARJAN 19092018 MDWK 2018 9
52748 Time Sheet Posting MARJAN 19092018 MDWK 2018 10
52747 Time Sheet Posting MARJAN 19092018 MDWK 2018 9
52558 PAYROLL REDISTRIBUTION COST MARJAN 28082018 MDWK 2018 29
52493 Payroll Posting MARJAN 23082018 MDWK 2018 28
52492 Time Sheet Posting MARJAN 23082018 MDWK 2018 28
52380 Time Sheet Posting MARJAN 21082018 MDWK 2018 12
52357 Payroll Posting MARJAN 17082018 MDWK 2018 10
52356 Time Sheet Posting MARJAN 17082018 MDWK 2018 10
52355 Payroll Posting MARJAN 17082018 MDWK 2018 9
52354 Time Sheet Posting MARJAN 17082018 MDWK 2018 9
52353 Payroll Posting MARJAN 17082018 MDWK 2018 8
52352 Time Sheet Posting MARJAN 17082018 MDWK 2018 8
52351 Payroll Posting MARJAN 17082018 MDWK 2018 7
Program modification in TEST. Added Pay Run, Year and Period to Print Posting Reports


PY PRINT POSTING REPORTS
Save
Exit
* Company
PYUS
Marjan LOFT Construction USA
BATCH
View
Freeze
Detach
Search
Workflows
Report Options
Export
ECM Documents
User Extensions
mdwk
2018
* Batch
Name
* User
* Date
Pay Run
Year
Period
40687 Payroll Posting MARJAN 07022017 MDWK 2017 7
40686 Time Sheet Posting MARJAN 07022017 MDWK 2017 7
40685 Process Void Check MARJAN 07022017 MDWK 2017 7
40676 PAYROLL REDISTRIBUTION COST MARJAN 07022017 MDWK 2017 7
40674 Time Sheet Posting MARJAN 07022017 MDWK 2017 7
40503 Payroll Posting MARJAN 31012017 MDWK 2017 6
40501 Process Void Check MARJAN 30012017 MDWK 2017 6
40484 Time Sheet Posting MARJAN 28012017 MDWK 2017 6
40483 Time Sheet Posting MARJAN 28012017 MDWK 2017 6
40446 Payroll Posting MARJAN 24012017 MDWK 2017 5


PY PRINT POSTING REPORTS
Save
Exit
SELECTION CRITERIA
* Company
PYUS
Marjan LOFT Construction USA
BATCH
View
Freeze
Detach
Search
Workflows
Report Options
Export
ECM Documents
User Extensions
mdwk
2018
12
* Batch
Name
* User
* Date
Pay Run
Year
Period
52380
Time Sheet Posting
MARJAN
21082018
MDWK
2018
12
51476
Time Sheet Posting
MARJAN
19062018
MDWK
2018
12
51017
PAYROLL REDISTRIBUTION COST
MARJAN
04062018
MDWK
2018
12
50940
Time Sheet Posting
MARJAN
01062018
MDWK
2018
12
Print
Delete


General Ledger Summary Posting Report
Batch 52380
Page: 1 of 1
Date: Sep 25, 2018
Time: 12:04 PM EDT
Department
Account
Account Name
Post Date
Source
Reference
Debit
Credit
Exchange Amount
Currency
Rate
Company PYUS - Marjan LOFT Construction USA
Currency US
00
5200.100
Job Cost Expenses
25032018
TSMDWK 2018 12
PYUS MDWK
308.00
0.00
308.00
US
1.0000
00
6900.200
PY Clearing AC (CR)
25032018
TSMDWK 2018 12
PYUS MDWK
0.00
308.00
-308.00
US
1.0000
Total for Company PYUS - Marjan LOFT Construction USA
308.00
308.00
Total for Currency US
308.00
308.00
Total for Batch
308.00
308.00
Report Parameters
Batch Number:
52380
Summary:
Yes
Show:
Yes
Job ID:
1.20808E+6
Run Date:
Sep 25, 2018
Run Time:
12:04 PM EDT
Operator:
MARJAN
Report Code:
GLPOST



PYUS - Marjan LOFT Construction USA
JOB COSTING - JC POSTING REPORT
Batch 52380 - Payroll Timesheets

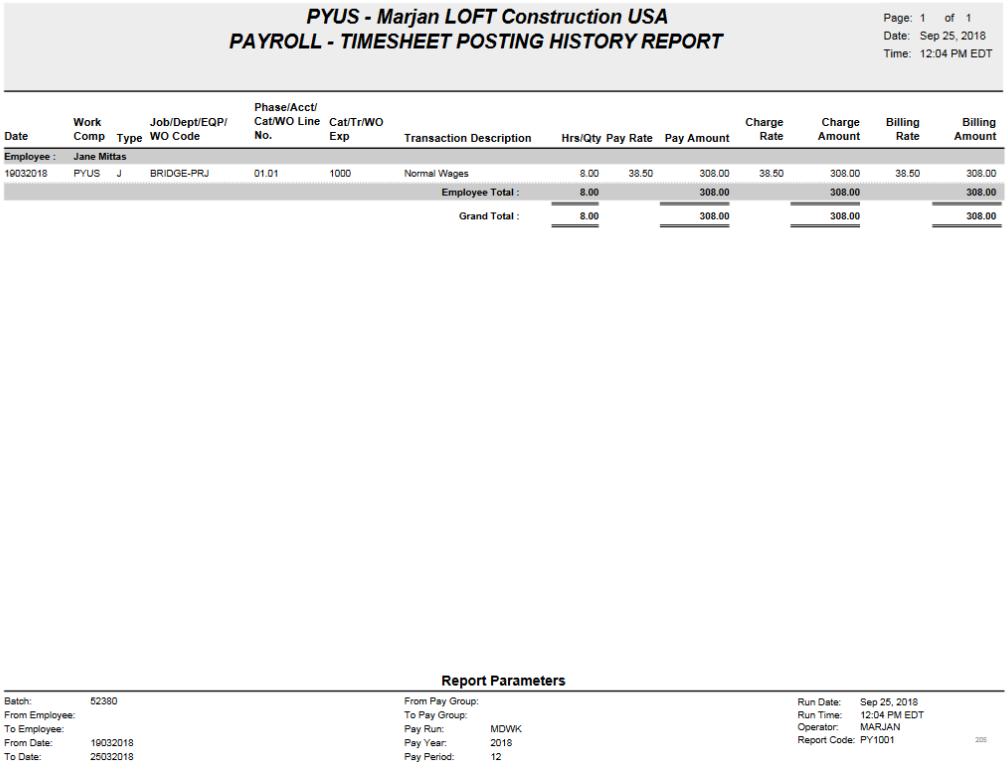
Page: 1 of 1
Date: Sep 25, 2018
Time: 12:04 PM EDT

Company	T	Dept / WBS 1	Account / WBS 2	Job / WBS 3	Cost Code / WBS 4	Car	Source Code	Ref Code	Ref Date	Post Date	Batch	SRC	PO/SC	WM	Quantity	Amount
PYUS	C	00	5200.100	BRIDGE-PRJ	01.01	1000	PYUS-RET-003	MDWK MDWK201812	19032018	25032018	52380	PY		HR	8.000	308.00
													Total For Job:		BRIDGE-PRJ	308.00
													Total For Company:		PYUS	308.00
													Total For Currency:		US	308.00

Report Parameters

Company: PYUS
Batch Number: 52380
Posted With Overheads: Yes

Run Date: Sep 25, 2018
Run Time: 12:04 PM EDT
Operator: MARJAN
Report Code: JC705



PYUS - Marjan LOFT Construction USA
PAYROLL - TIMESHEET POSTING HISTORY REPORT

Page: 1 of 1
Date: Sep 25, 2018
Time: 12:04 PM EDT

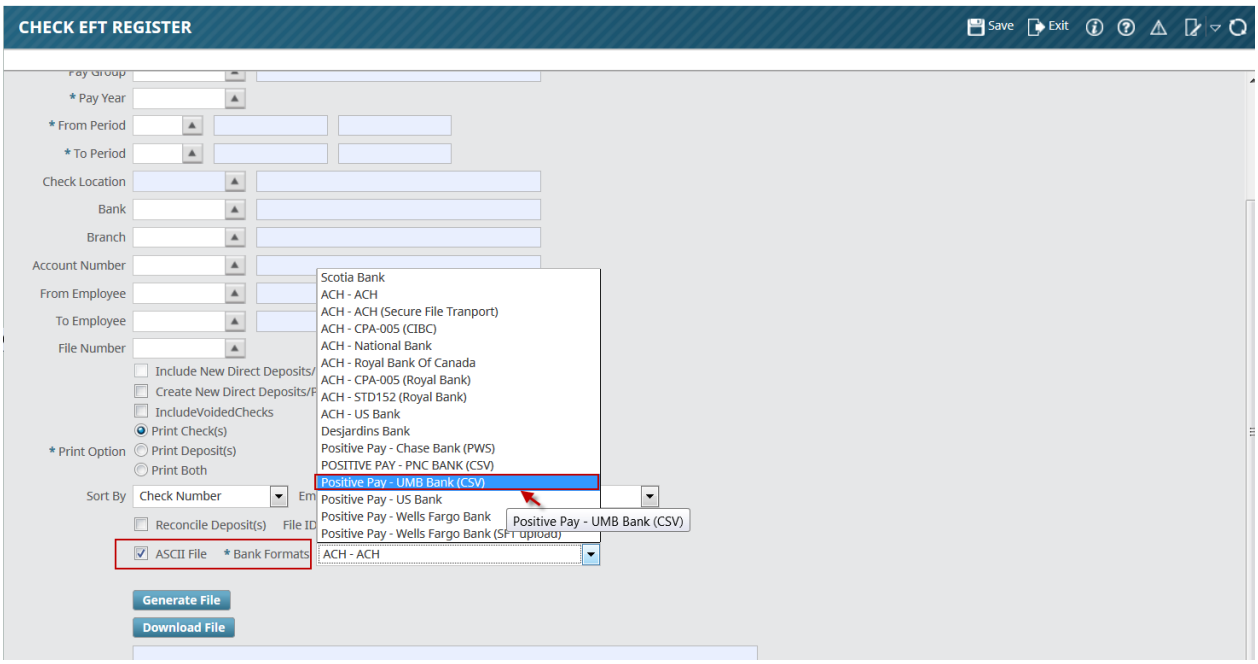
Date	Work Comp	Type	Job/Dept/EQP/ WO Code	Phase/Acct/ Cat/WO Line No.	Cat/Tr/WO Exp	Transaction Description	Hrs/Qty	Pay Rate	Pay Amount	Charge Rate	Charge Amount	Billing Rate	Billing Amount
Employee :	Jane Mittas												
19032018	PYUS	J	BRIDGE-PRJ	01.01	1000	Normal Wages	8.00	38.50	308.00	38.50	308.00	38.50	308.00
						Employee Total :	8.00		308.00		308.00		308.00
						Grand Total :	8.00		308.00		308.00		308.00

Report Parameters

Batch:	52380	From Pay Group:		Run Date:	Sep 25, 2018
From Employee:		To Pay Group:		Run Time:	12:04 PM EDT
To Employee:		Pay Run:	MDWK	Operator:	MARJAN
From Date:	19032018	Pay Year:	2018	Report Code:	PY1001
To Date:	25032018	Pay Period:	12		

Check/EFT Register- Positive Pay UMB Bank (CSV) File – (18.60937)

CMiC has added a new Positive Pay format for UMB Bank in PY Check/EFT program. The 'UMB Positive Pay (CSV)' is a Standard Delimited File Format.



Vertex Geo Code Location Log (18.54101)

Vertex Geo Code Location Log is developed for users to check and obtain the correct geo-code and any special districts by entering the 5-digit zip code + 4-digit zip extensions.

Vertex Geo Code Location log will produce the correct geo-code and any special districts as per the parameter entry criteria.

NOTE: The Vertex Geocode Location Log program works with Vertex Loczip9 Dump File. Vertex Loczip9 DMP File should be installed first prior to using this log file.

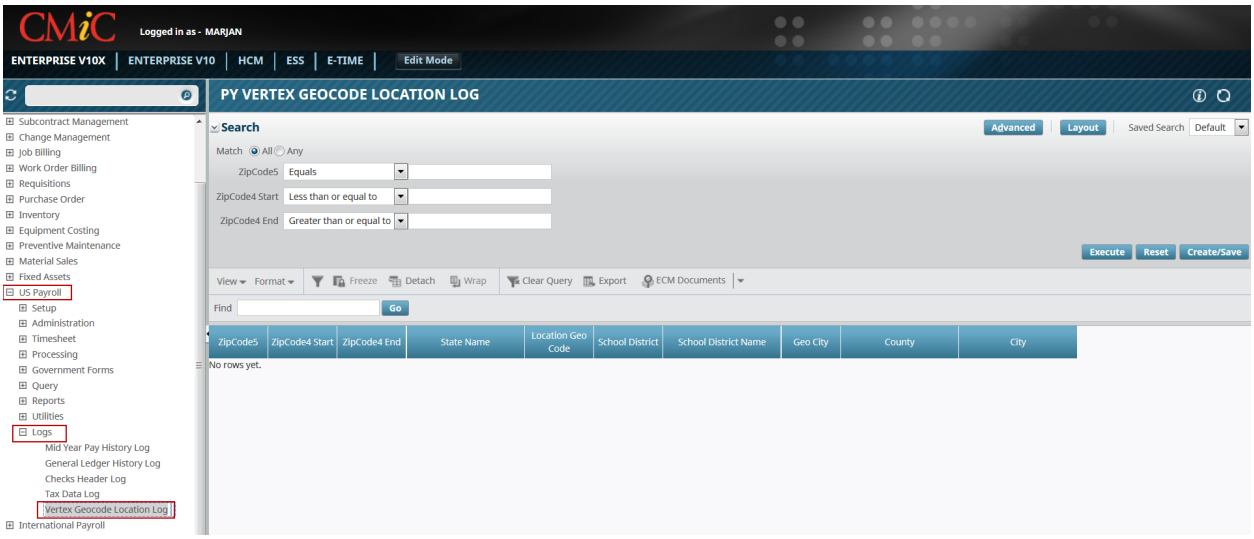
Pre-Requisites

Pre-Requisite to using this log file program is work order 18.62846 September Vertex - Sequence of Tasks that need to be copied and installed are:

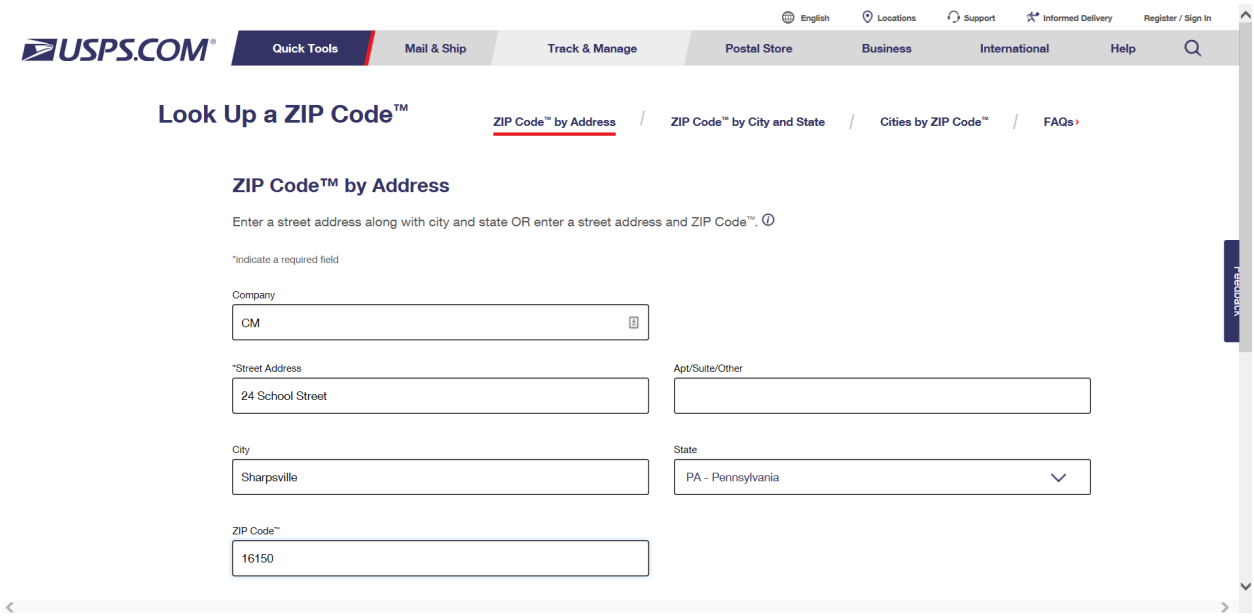
Refer to work order 18.62846 - Installation Instructions for VERTEXLOCZIP9:

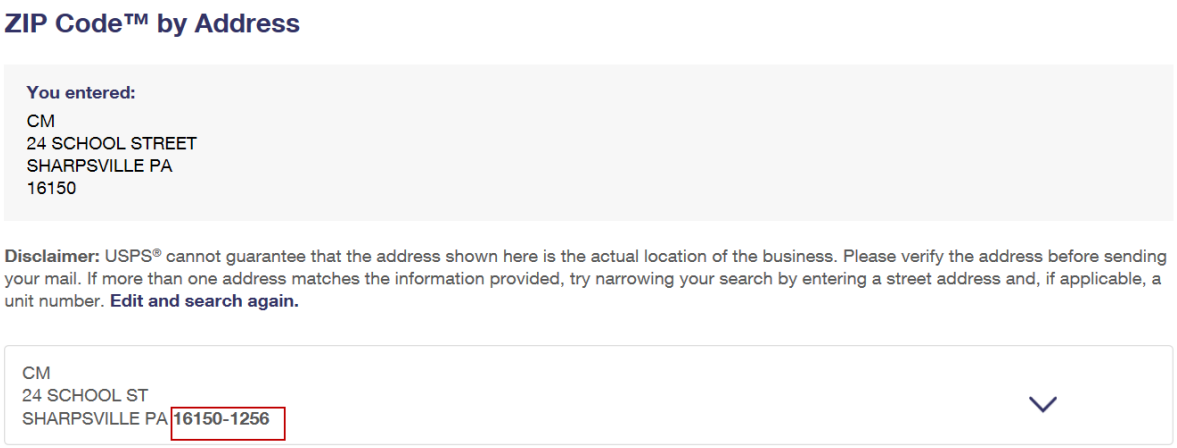
Please cpntact your account managers to request installation of VERTEXLOCZIP Files.

Vertex Geo Code Location Log



Zip Code Lookup - USA





(a) Zip Code: a five-digit numeric

(b) Zip Extension: a 4-digit numeric

1) Parameter entry and query conditions (Criteria)

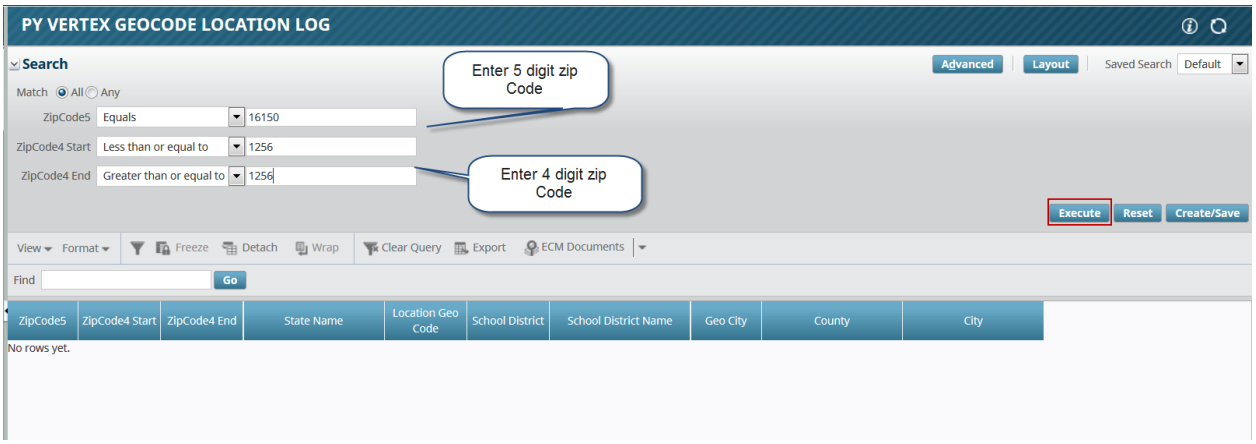
(a) Zip Code: LOCZIP

(b) From Zip Extension (or From Zip4): LOCZIP4START

(c) To Zip Extension (or To Zip4): LOCZIP4END

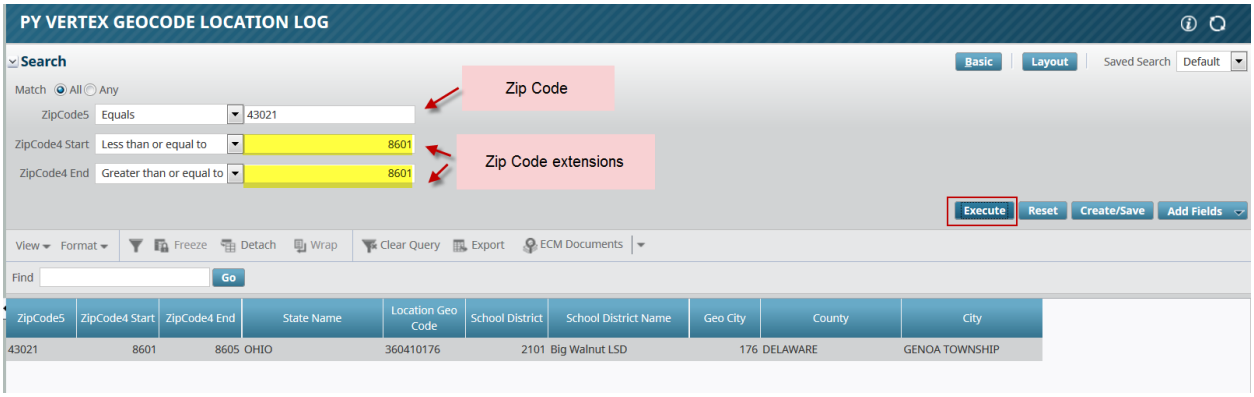
Enter the 5-digit zip code in Zip Code 5 field

Enter 4-digit zip code Start and End (Zip extensions)

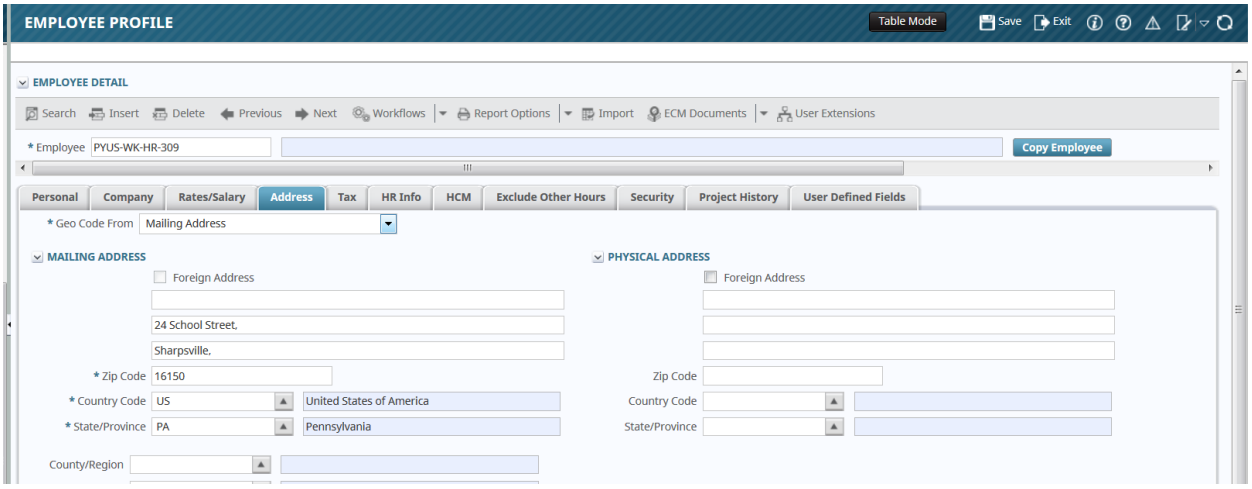


Returned query and results:

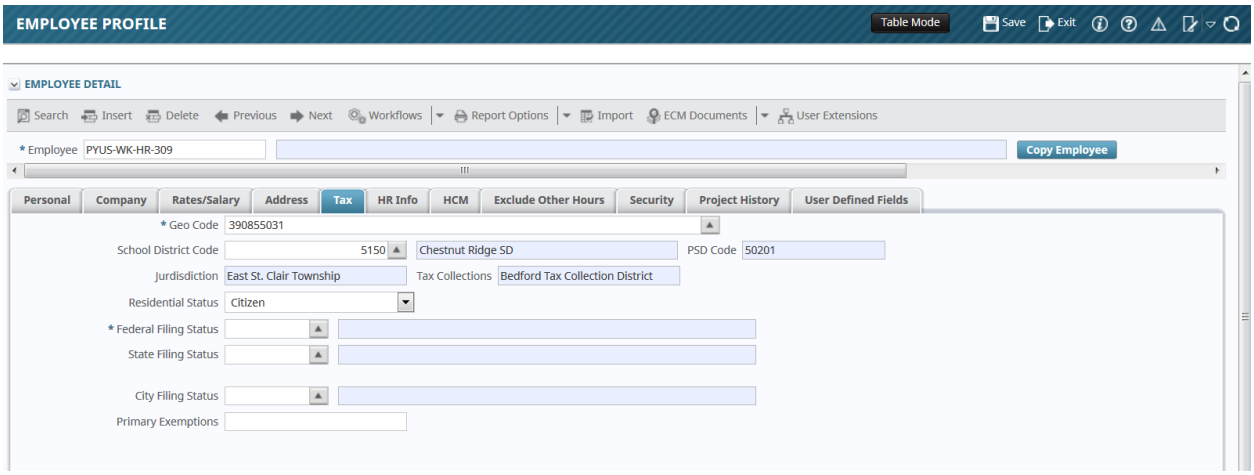




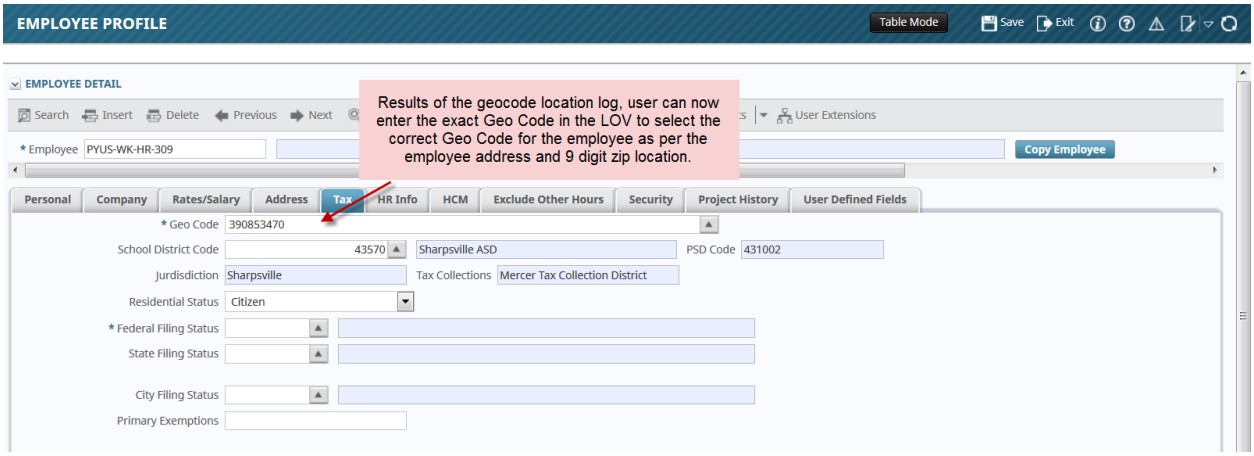
Using the search results when creating employee profile:



Employee Profile - System will filter as per City (3rd Line and 5 digit Starting Zip Code) and default to the closest Vertex Geo Code it finds matching first.



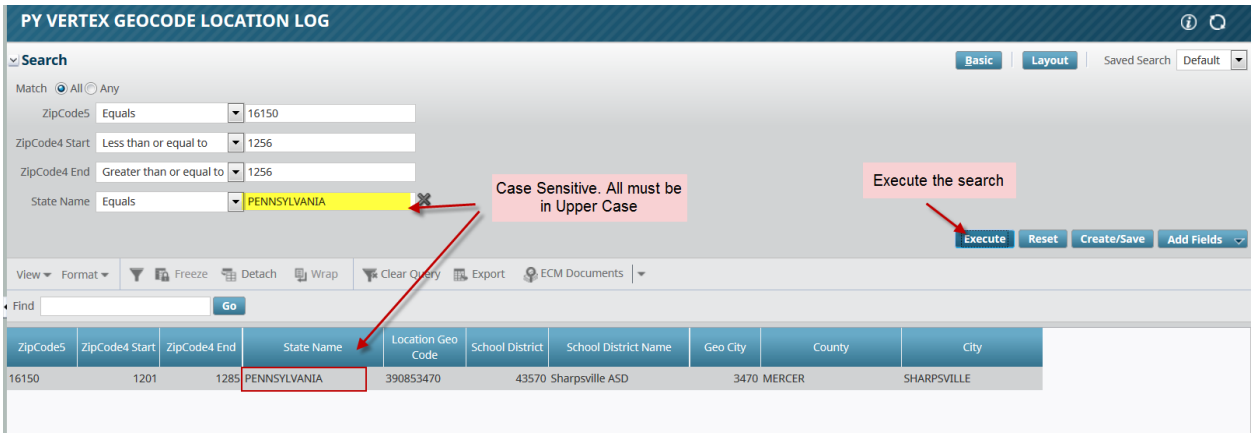
User can now enter the exact Vertex Geo Code from the geocode location log search results in the Geo Code LOV and select the correct Vertex Geo Code location for the employee according to the address and 9-digit zip location.

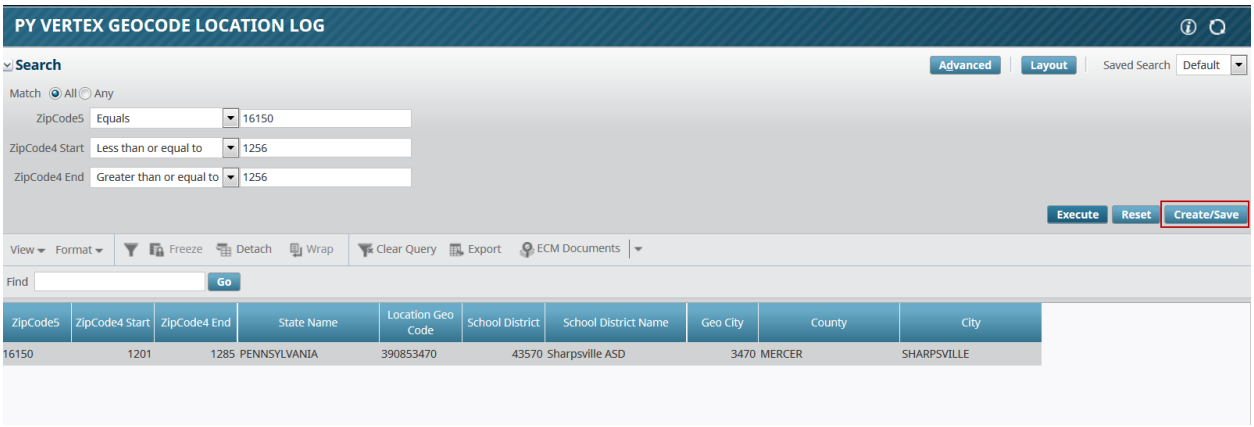


Vertex Geocode Location Log Program – Search Criteria & Navigation

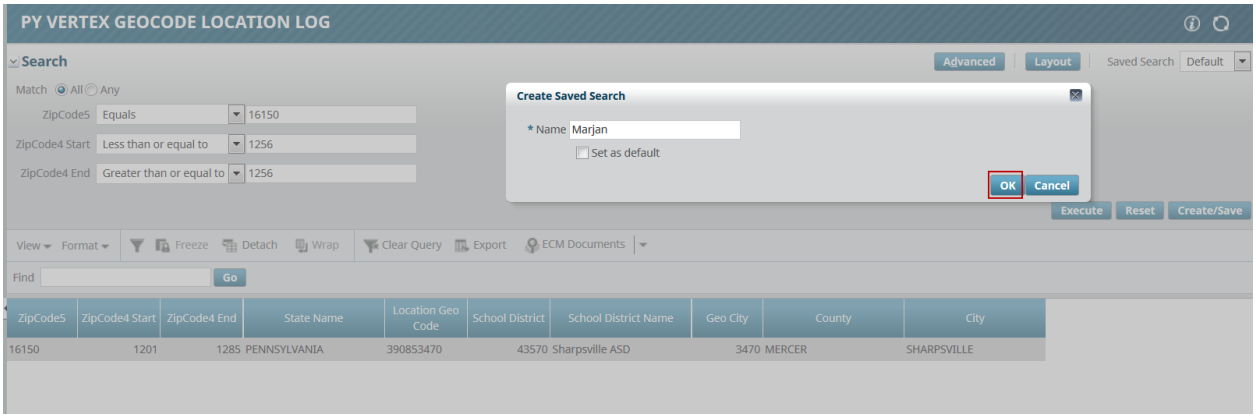
Users can create/save their personalize search criteria (template).

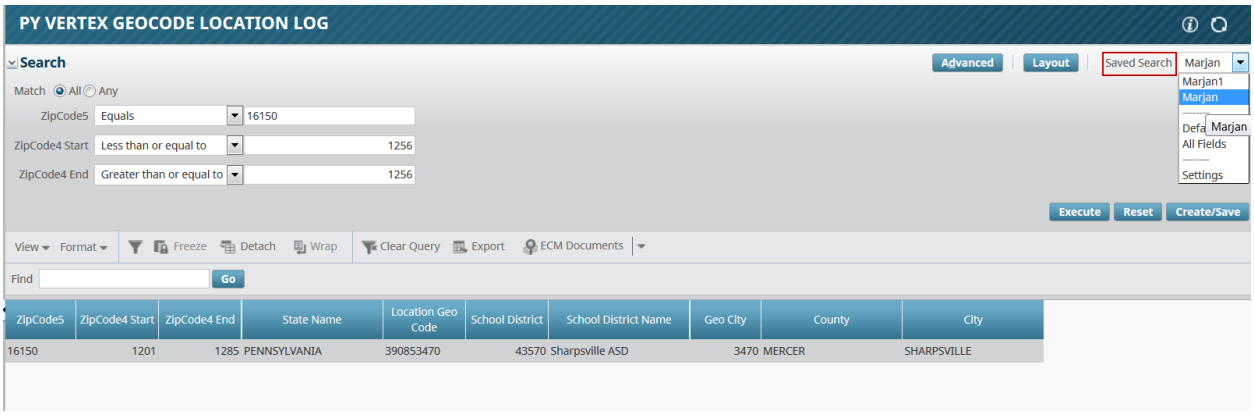
NOTE: The Search criteria is saved not the results in the detail block. The Search field properties are case sensitive. Example: If you add 'State Name' field search criterion then user should ensure to enter the full state name all in upper case.

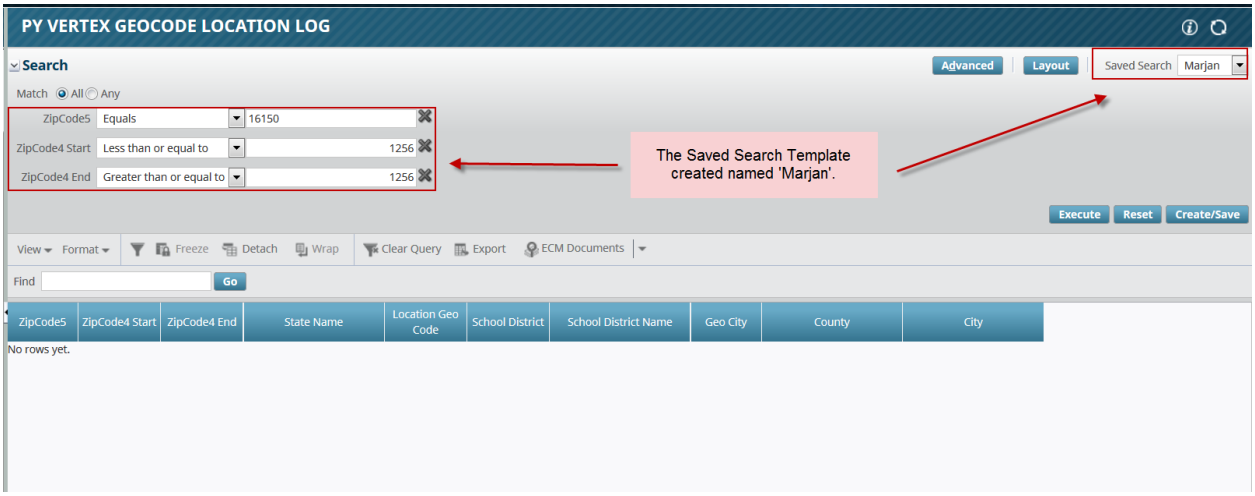




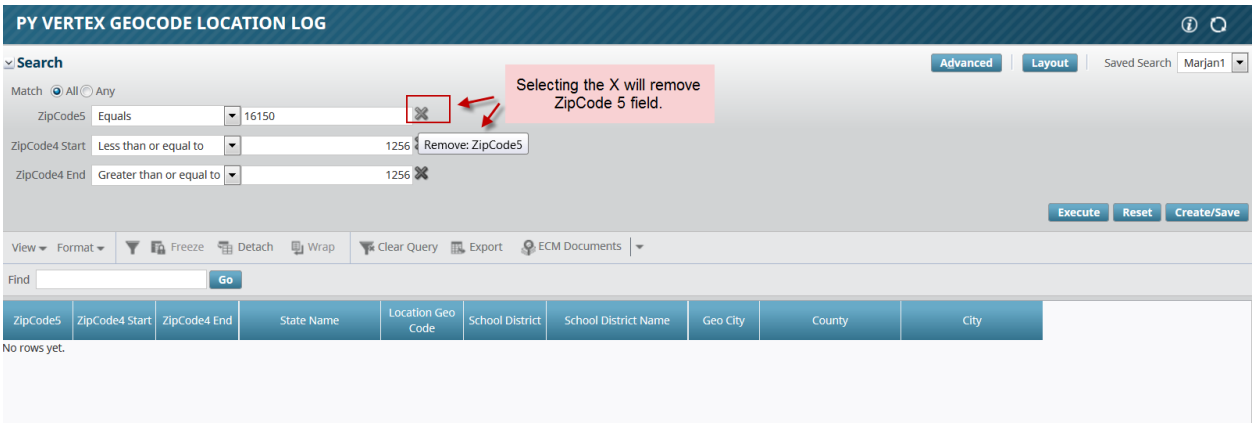
Save the search criteria and template as



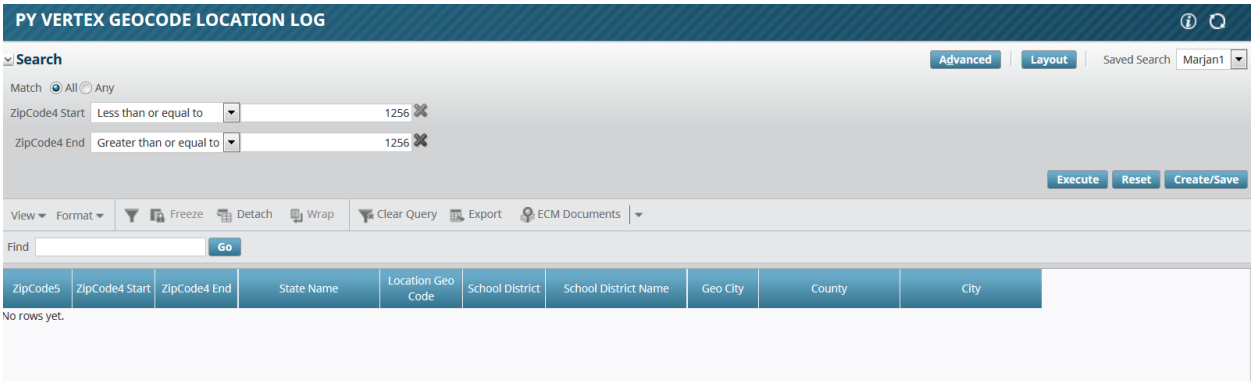


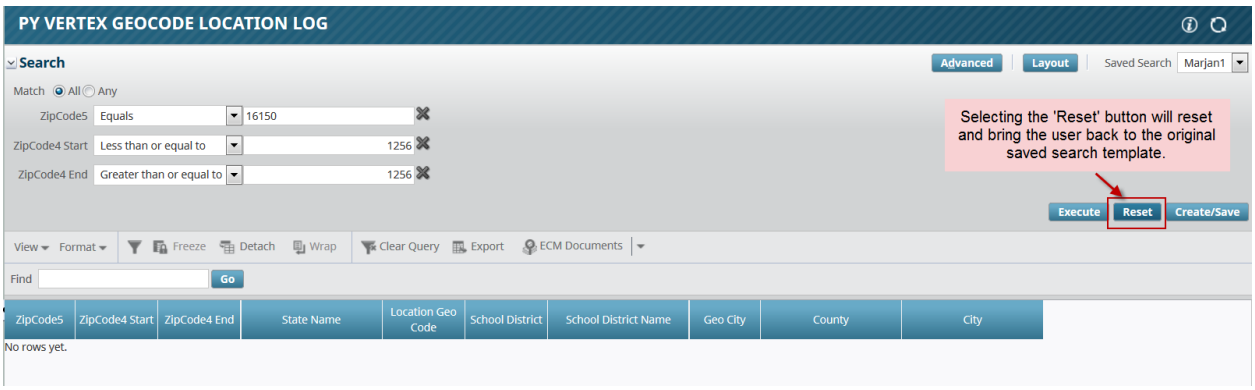


Removing fields from your search criteria

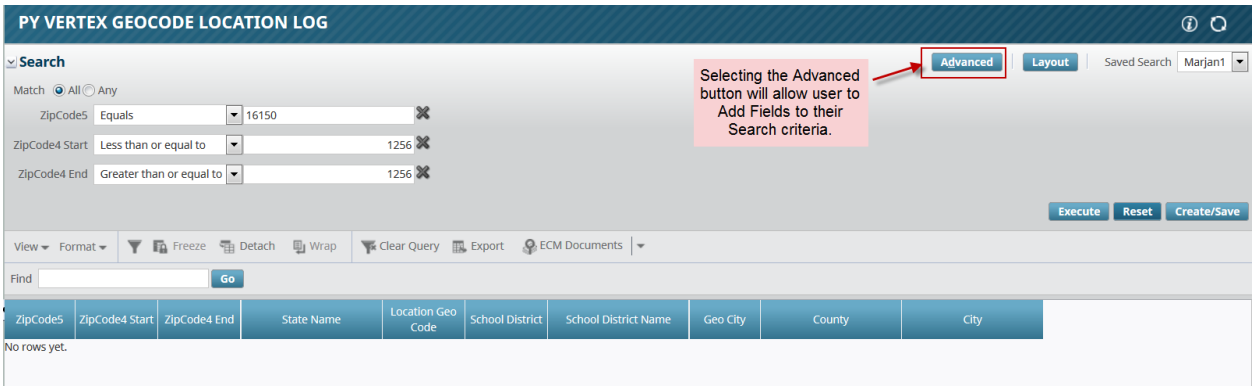


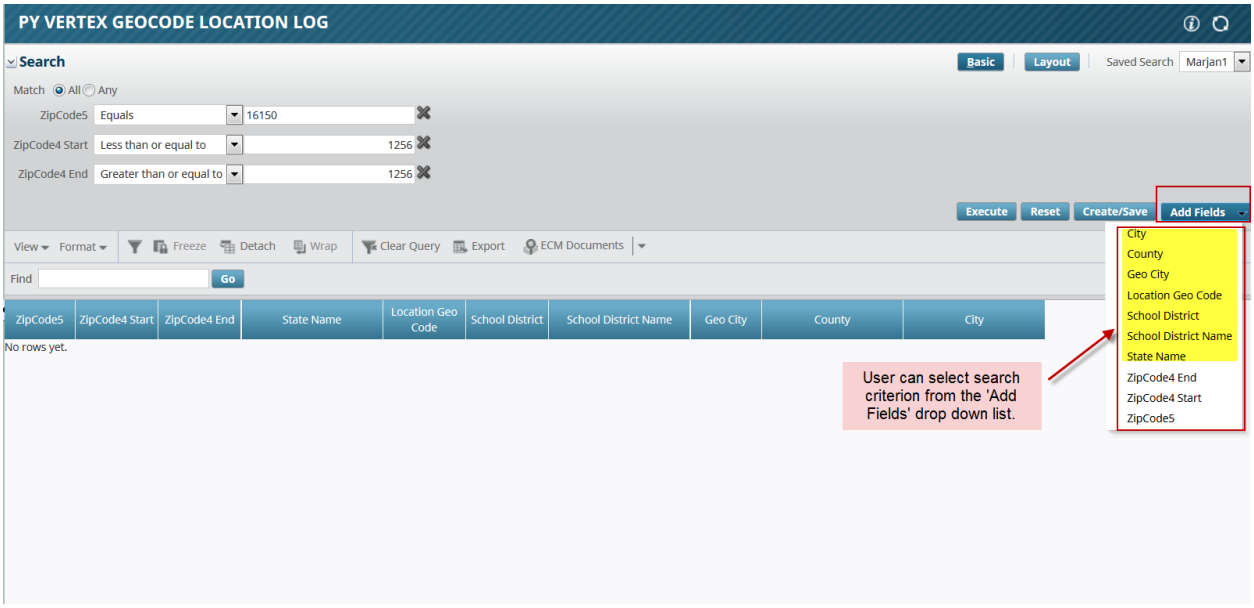
Reset your Saved Search

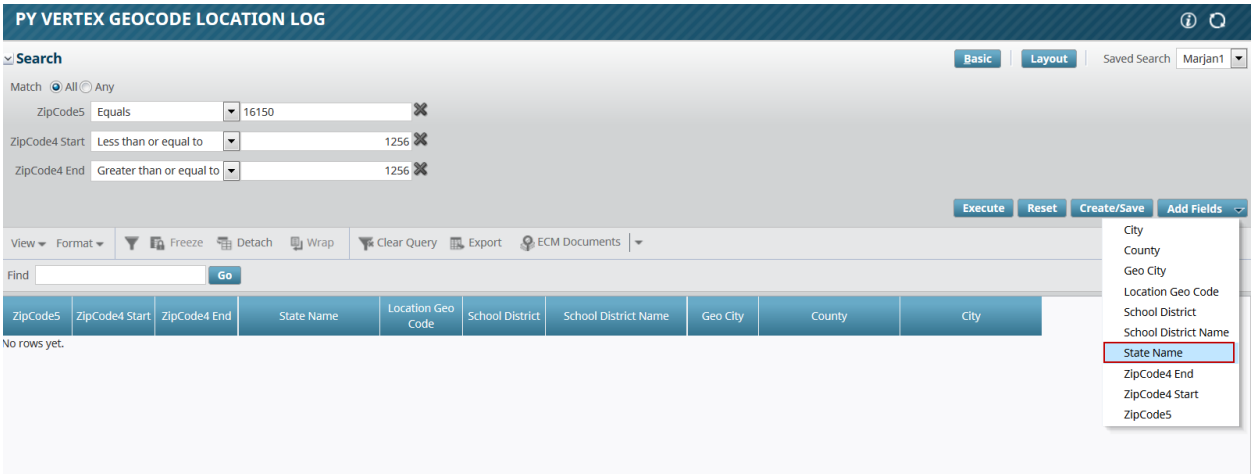


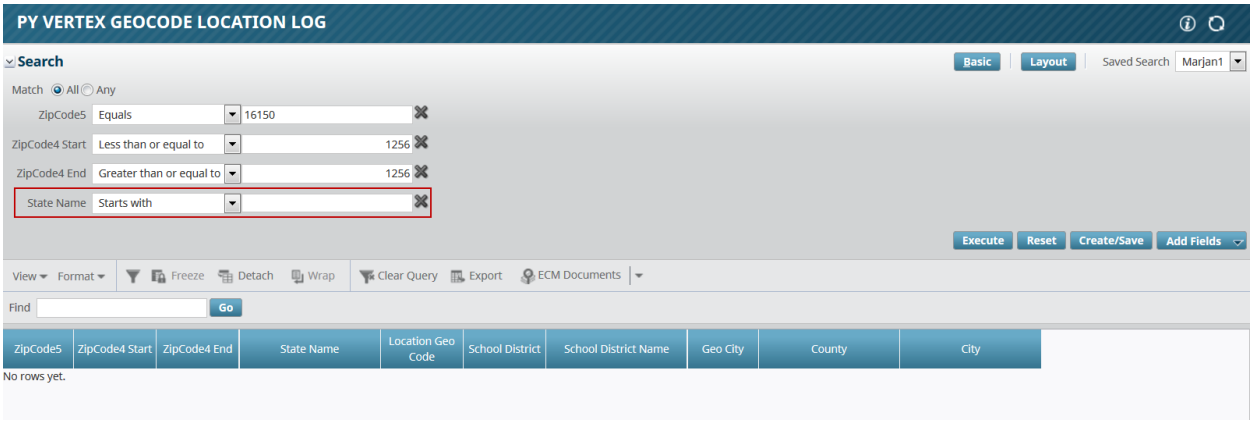


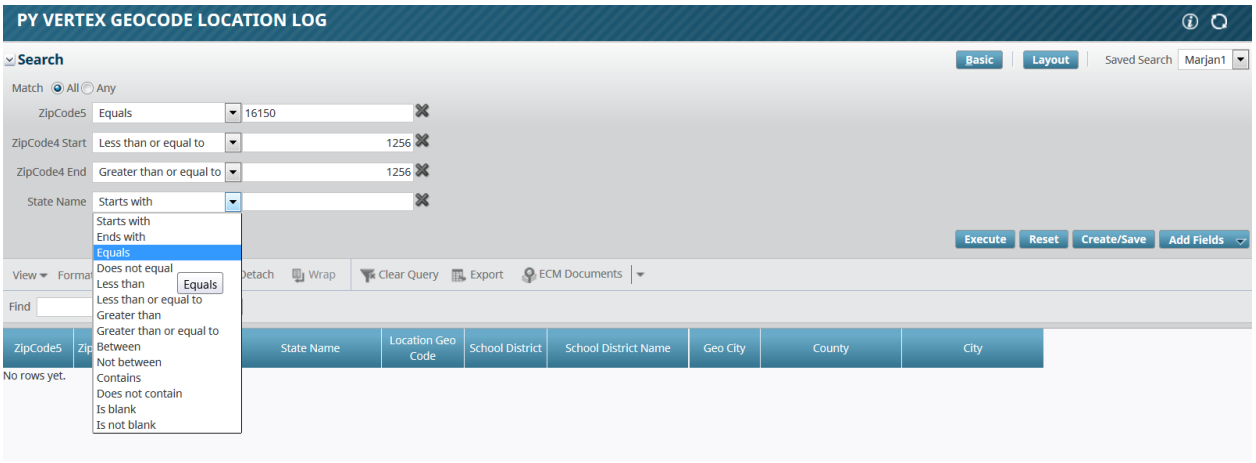
Adding fields – [Advanced] button

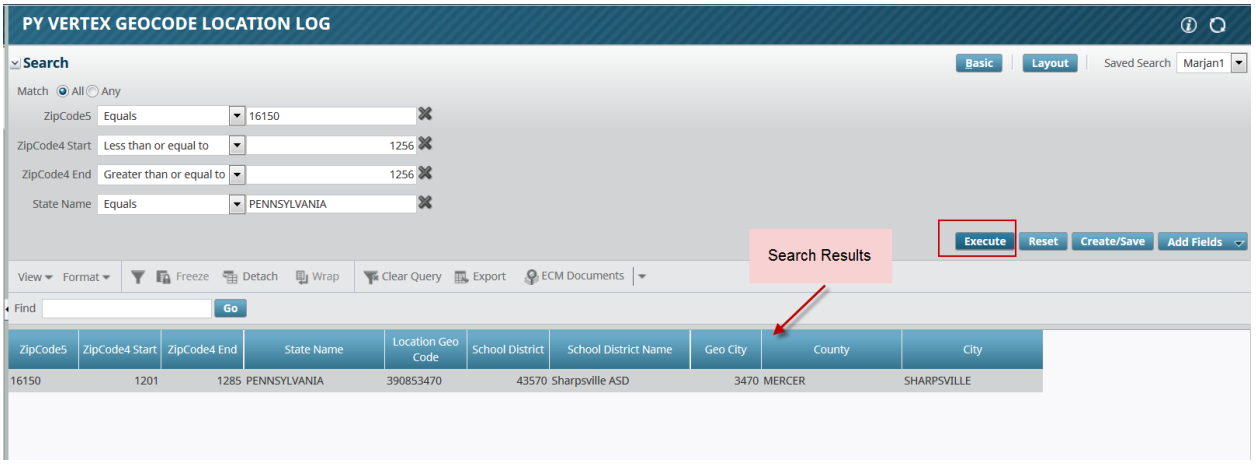



PY VERTEX GEOCODE LOCATION LOG
Search
Basic
Layout
Saved Search
Marjan1
Match All Any
ZipCode5 Equals 16150
ZipCode4 Start Less than or equal to 1256
ZipCode4 End Greater than or equal to 1256
Execute
Reset
Create/Save
Add Fields
View
Format
Freeze
Detach
Wrap
Clear Query
Export
ECM Documents
Find
Go
ZipCode5
ZipCode4 Start
ZipCode4 End
State Name
Location Geo Code
School District
School District Name
Geo City
County
City
No rows yet.
User can select search criterion from the 'Add Fields' drop down list.
City
County
Geo City
Location Geo Code
School District
School District Name
State Name
ZipCode4 End
ZipCode4 Start
ZipCode5

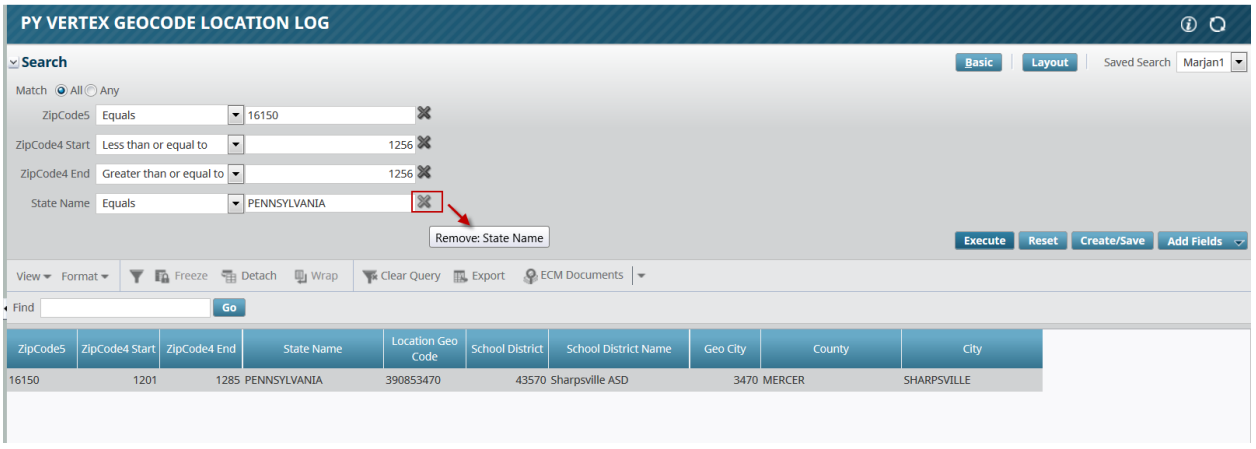

PY VERTEX GEOCODE LOCATION LOG
Search
Basic
Layout
Saved Search
Marjan1
Match All Any
ZipCode5 Equals 16150
ZipCode4 Start Less than or equal to 1256
ZipCode4 End Greater than or equal to 1256
Execute
Reset
Create/Save
Add Fields
View
Format
Freeze
Detach
Wrap
Clear Query
Export
ECM Documents
Find
Go
ZipCode5
ZipCode4 Start
ZipCode4 End
State Name
Location Geo Code
School District
School District Name
Geo City
County
City
No rows yet.
City
County
Geo City
Location Geo Code
School District
School District Name
State Name
ZipCode4 End
ZipCode4 Start
ZipCode5

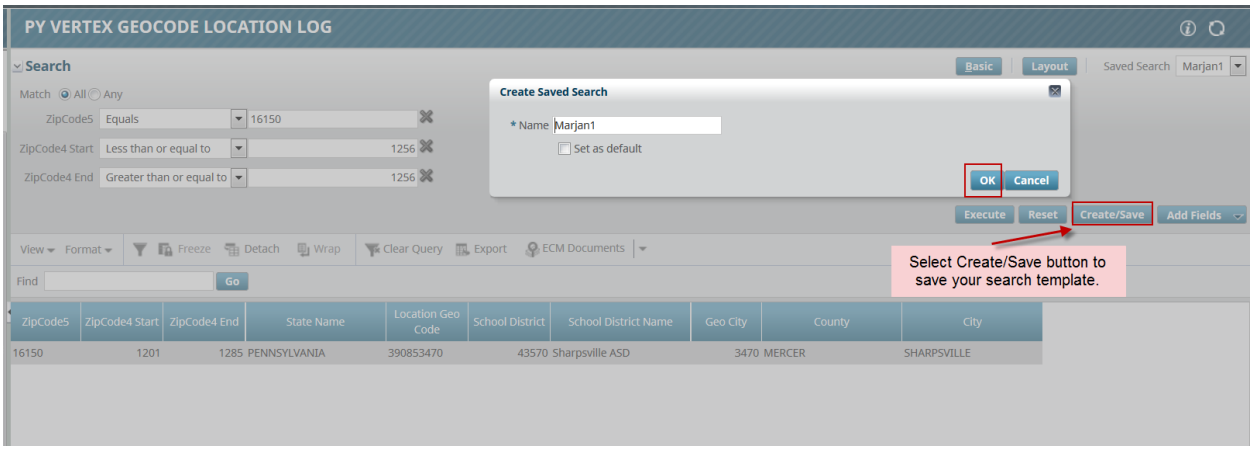

PY VERTEX GEOCODE LOCATION LOG
Search
Basic
Layout
Saved Search
Marjan1
Match All Any
ZipCode5 Equals 16150
ZipCode4 Start Less than or equal to 1256
ZipCode4 End Greater than or equal to 1256
State Name Starts with
Execute
Reset
Create/Save
Add Fields
View
Format
Freeze
Detach
Wrap
Clear Query
Export
ECM Documents
Find
Go
ZipCode5
ZipCode4 Start
ZipCode4 End
State Name
Location Geo Code
School District
School District Name
Geo City
County
City
No rows yet.





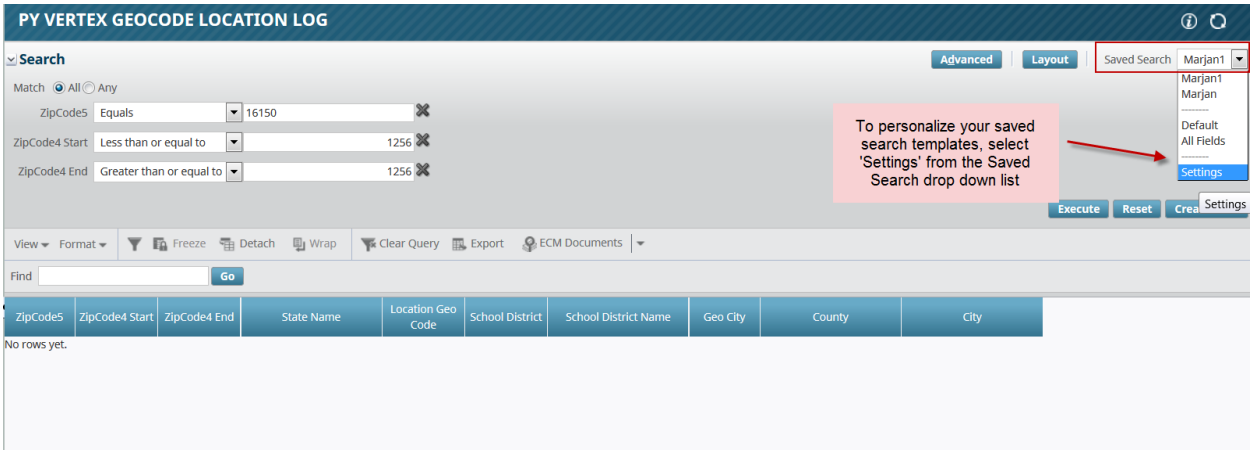
User can add and remove fields

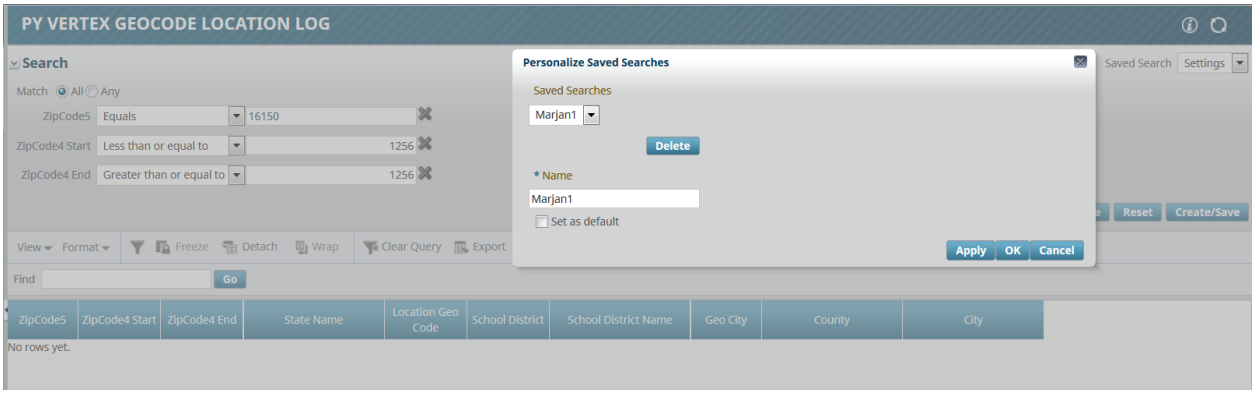


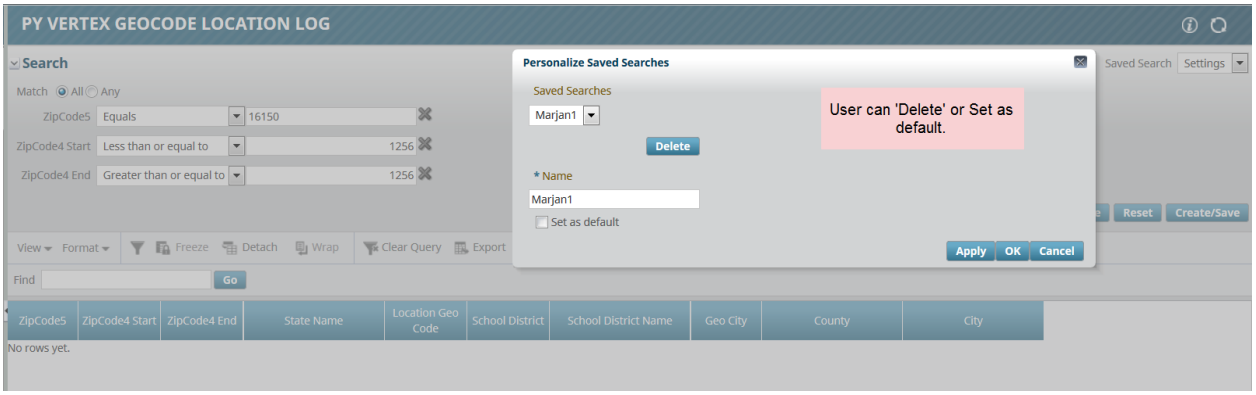


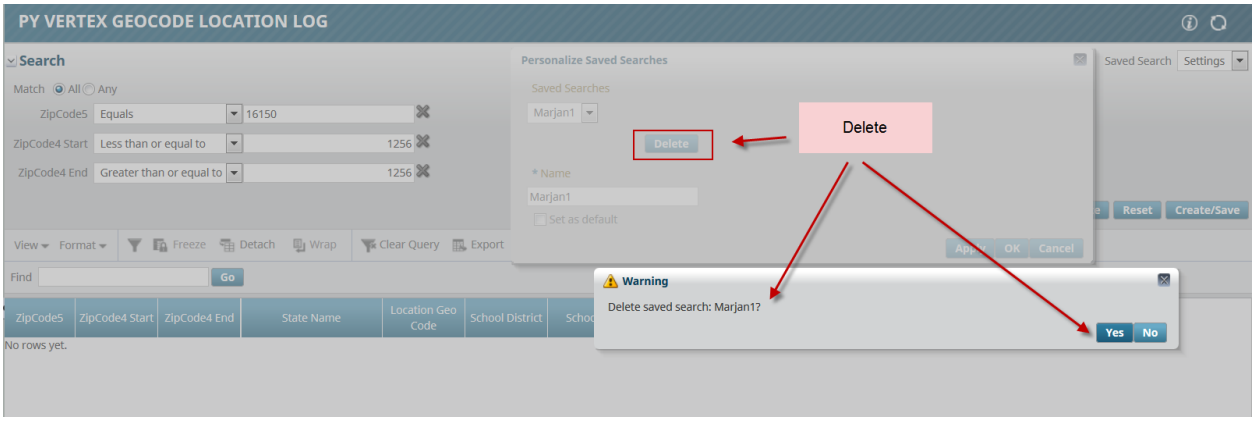
User can Personalize their Saved Searches under Settings:

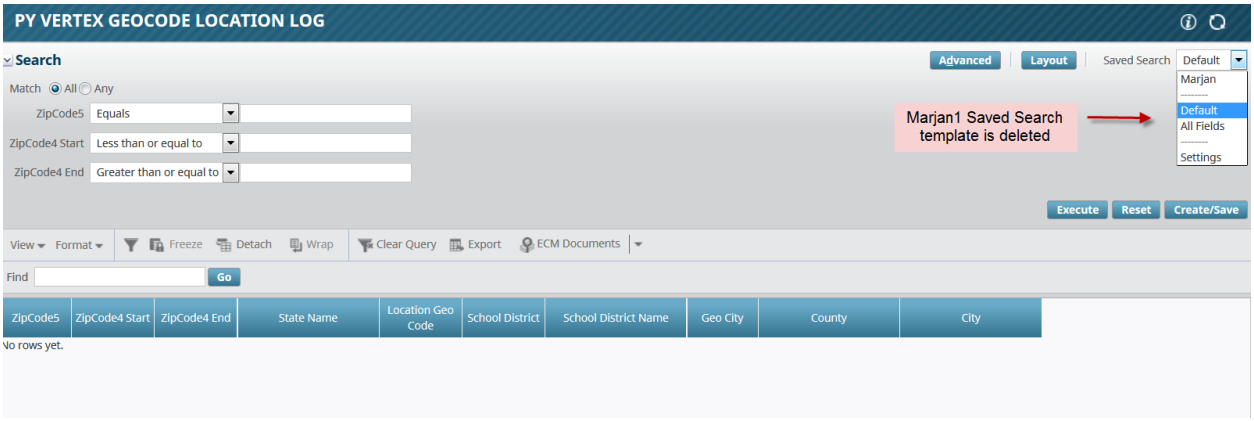
Ability to delete and/or Set a saved search as their default settings.

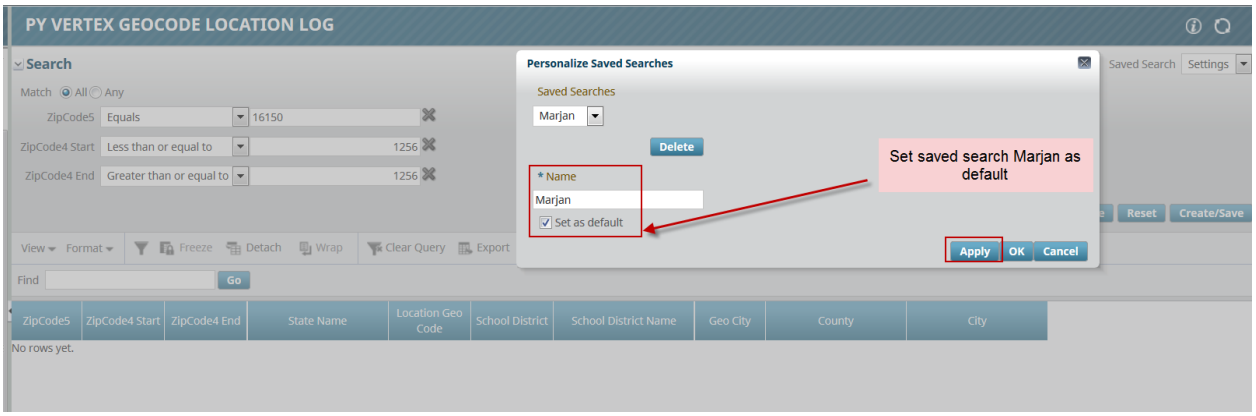





PY VERTEX GEOCODE LOCATION LOG
Search
Personalize Saved Searches
Saved Searches
Marjan1
Delete
* Name
Marjan1
Set as default
Apply
OK
Cancel
User can 'Delete' or Set as default.
Saved Search
Settings
Reset
Create/Save
ZipCode5
Equals
16150
ZipCode4 Start
Less than or equal to
1256
ZipCode4 End
Greater than or equal to
1256
View
Format
Freeze
Detach
Wrap
Clear Query
Export
Find
Go
ZipCode5
ZipCode4 Start
ZipCode4 End
State Name
Location Geo Code
School District
School District Name
Geo City
County
City
No rows yet.


PY VERTEX GEOCODE LOCATION LOG
Search
Personalize Saved Searches
Saved Searches
Marjan1
Delete
Delete
* Name
Marjan1
Set as default
Warning
Delete saved search: Marjan1?
Yes
No
Saved Search
Settings
Reset
Create/Save
ZipCode5
Equals
16150
ZipCode4 Start
Less than or equal to
1256
ZipCode4 End
Greater than or equal to
1256
View
Format
Freeze
Detach
Wrap
Clear Query
Export
Find
Go
No rows yet.


PY VERTEX GEOCODE LOCATION LOG
Search
Advanced
Layout
Saved Search
Default
Marjan
Default
All Fields
Settings
Marjan1 Saved Search template is deleted
Execute
Reset
Create/Save
Match
All
Any
ZipCode5
Equals
ZipCode4 Start
Less than or equal to
ZipCode4 End
Greater than or equal to
View
Format
Freeze
Detach
Wrap
Clear Query
Export
ECM Documents
Find
Go
ZipCode5
ZipCode4 Start
ZipCode4 End
State Name
Location Geo Code
School District
School District Name
Geo City
County
City
No rows yet.



Trade Classes & Job Union Location Mapping (18.57489)

CMiC has developed a mapping to allow the system to recognize the job location union versus the employees home local for wage rates and fringes. Regular Timesheet entry screen is modified to capture the union code based on this new mapping screens.

Trade Class - Trades now can have a classification. There is a new screen where Trade Codes can be maintained with a designated class. This new screen ‘Trade Class’ is added to the Treeview menu. The setup screen will allow users to create new classes for trade codes, such as CRAFT - Craft Class. The newly added trade class will be assigned to CMiC trades setup. User will be able to assign Trade class to all related trades such CRAFT class will be assign to the 'Carpenter', 'Cement Maison' and 'Journeyman'.

Union Locations - A new mapping screen facilitated for the user to create union locations. The screen will have Master/Detail relation. The header will be the Union location code and Description and the detail screen will allow users to map Trade Class and Union Code (see data model below)

System will retrieve the new union code based on the new mapping screens. The Input parameter (Job Code, Employee Trade Code) is passed to retrieve and replace the union based on the Job and the new mapping screen setups.

Regular timesheet entry program will be modified to call this new function to get the union code if exists, otherwise system will default the union code from employee profile as it does currently.

Program Modifications:

1- Trades now have a Classification, there's a new screen where Trade Class Codes can be maintained.

2. The Trade Codes Maintenance Screen now has a New Attribute --- Trade Class which is validated against the preceding (Trade Classes)

3- A new screen ‘Union Locations’ is introduced under US Payroll -> Setup -> Local Tables -> Unions -> Union Locations. This is where user should maintain new codes for Union Locations.

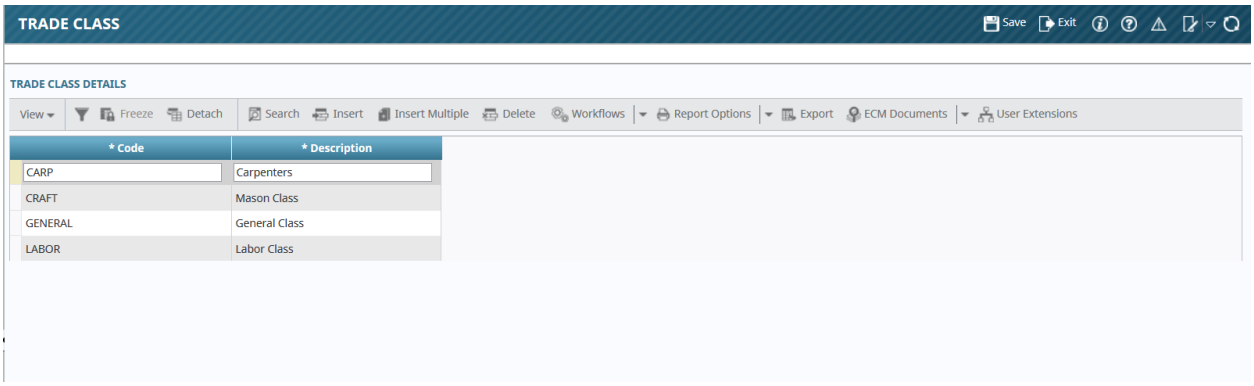
4. The Job Maintenance screen now has a New Attribute called ‘Union Location’ (next to Work Location), validated against the preceding.

5. Under each Union Location, you can specify the different Trade Classes. Each Trade Class can be associated with only one Union. User can assign and have multiple Trade Classes under Union locations.

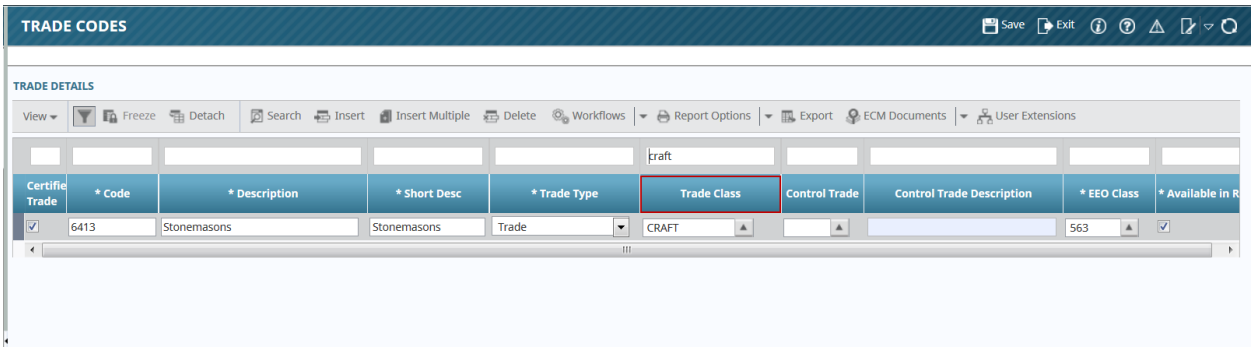
6.Regular Timesheet Entry - A New Logic is introduced in the Timesheet Entry Screen against this new mapping. As usual, the Union Code is defaulted from the Employee Profile after the Employee number is entered, however, after you enter the Job Code, and if the Job is associated with a Union and Union Location

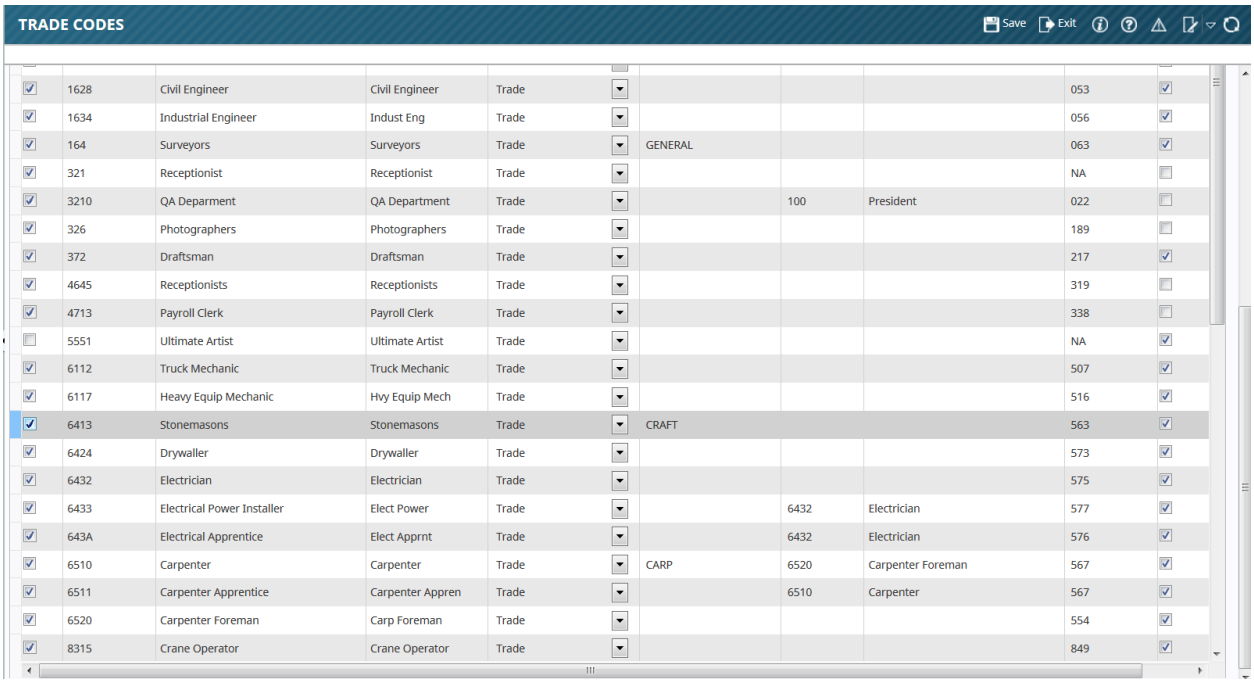
different from the Employee Profile, then the Union is replaced with appropriate Union Code based on the setup.

Define Trade Classes – US Payroll > Setup > Local Tables



Trade Codes – Added new attribute 'Trade Class'

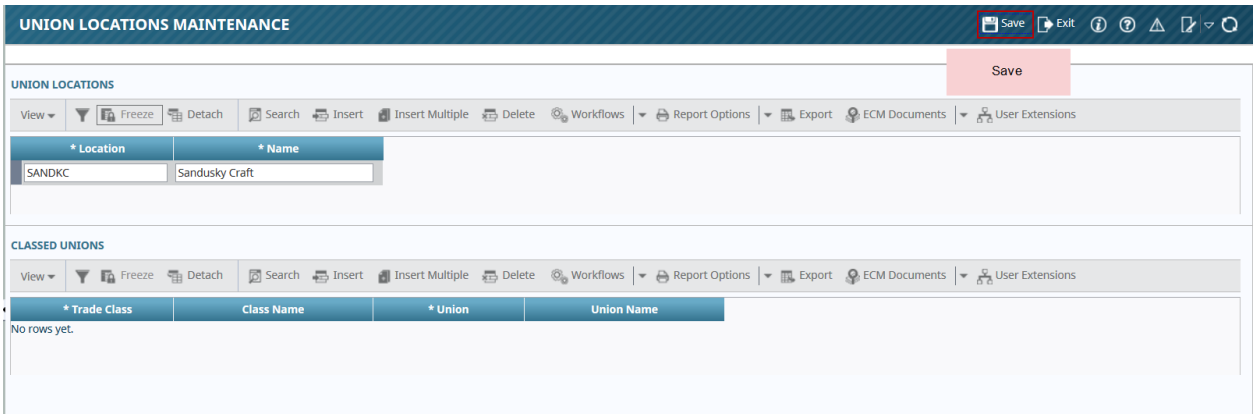


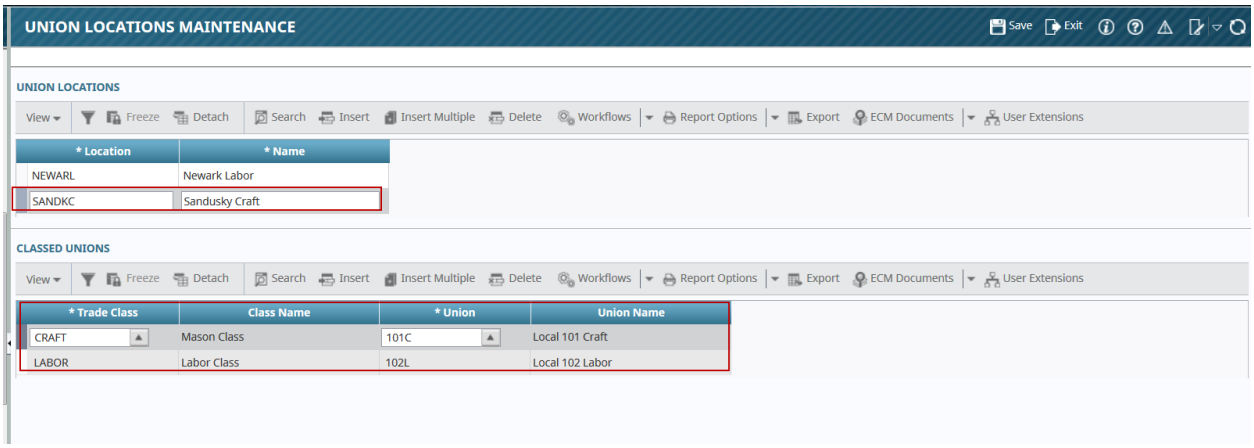


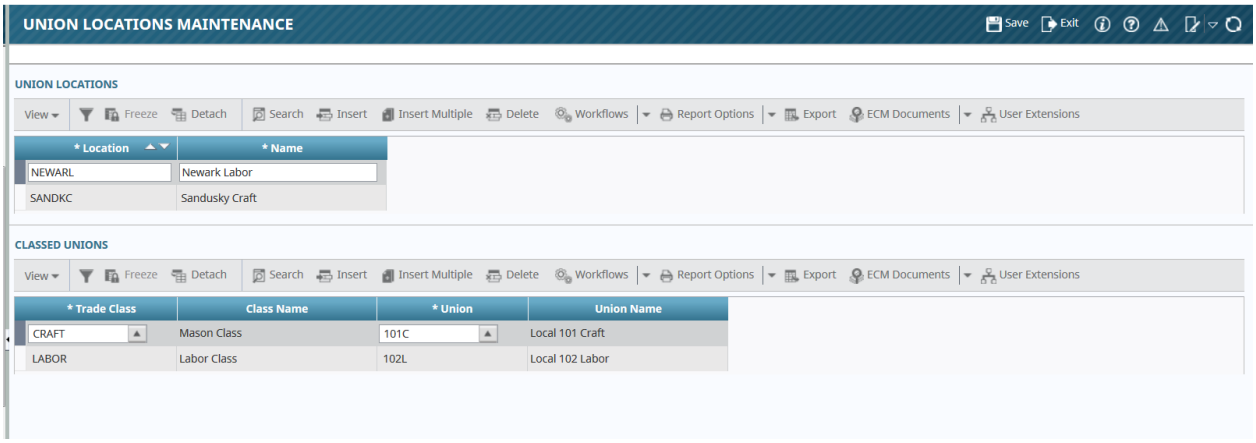
1628	Civil Engineer	Civil Engineer	Trade				053	
1634	Industrial Engineer	Indust Eng	Trade				056	
164	Surveyors	Surveyors	Trade	GENERAL			063	
321	Receptionist	Receptionist	Trade				NA	
3210	QA Deparment	QA Department	Trade		100	President	022	
326	Photographers	Photographers	Trade				189	
372	Draftsman	Draftsman	Trade				217	
4645	Receptionists	Receptionists	Trade				319	
4713	Payroll Clerk	Payroll Clerk	Trade				338	
5551	Ultimate Artist	Ultimate Artist	Trade				NA	
6112	Truck Mechanic	Truck Mechanic	Trade				507	
6117	Heavy Equip Mechanic	Hvy Equip Mech	Trade				516	
6413	Stonemasons	Stonemasons	Trade	CRAFT			563	
6424	Drywaller	Drywaller	Trade				573	
6432	Electrician	Electrician	Trade				575	
6433	Electrical Power Installer	Elect Power	Trade		6432	Electrician	577	
643A	Electrical Apprentice	Elect Apprnt	Trade		6432	Electrician	576	
6510	Carpenter	Carpenter	Trade	CARP	6520	Carpenter Foreman	567	
6511	Carpenter Apprentice	Carpenter Appren	Trade		6510	Carpenter	567	
6520	Carpenter Foreman	Carp Foreman	Trade				554	
8315	Crane Operator	Crane Operator	Trade				849	

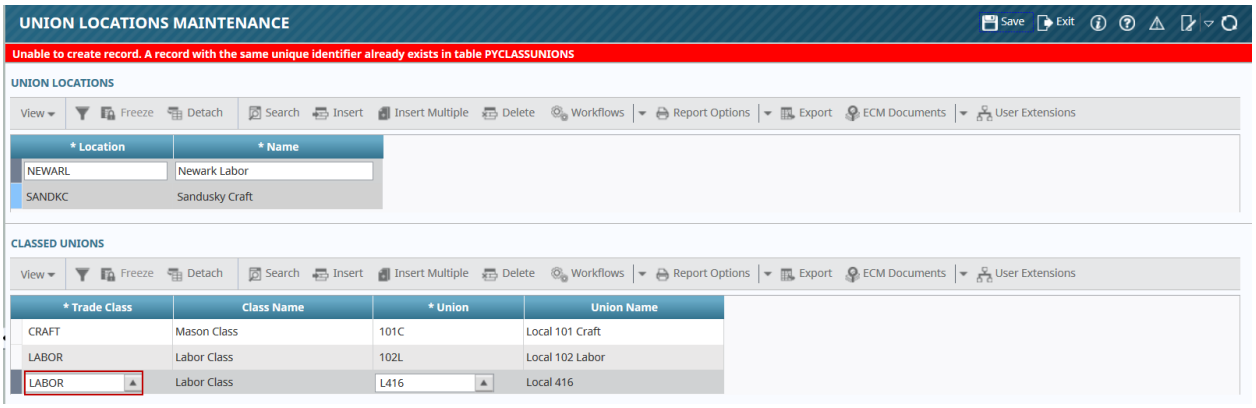
Union Locations – Define Union Locations under US Payroll > Setup > Local Tables > Unions

Under each Union Location, you can specify the different Trade Classes. Each Trade Class can be associated with only one Union. User can have multiple but different Trade Classes defined under the Union location. Note: One Union can be in multiple work locations. Multiple trades can work in one work location. Trade Class cannot be duplicated in one Union location.




UNION LOCATIONS MAINTENANCE
Save
Exit
UNION LOCATIONS
View
Freeze
Detach
Search
Insert
Insert Multiple
Delete
Workflows
Report Options
Export
ECM Documents
User Extensions
* Location
* Name
NEWARL
Newark Labor
SANDKC
Sandusky Craft
CLASSED UNIONS
* Trade Class
Class Name
* Union
Union Name
CRAFT
Mason Class
101C
Local 101 Craft
LABOR
Labor Class
102L
Local 102 Labor


UNION LOCATIONS MAINTENANCE
Save
Exit
UNION LOCATIONS
View
Freeze
Detach
Search
Insert
Insert Multiple
Delete
Workflows
Report Options
Export
ECM Documents
User Extensions
* Location
* Name
NEWARL
Newark Labor
SANDKC
Sandusky Craft
CLASSED UNIONS
* Trade Class
Class Name
* Union
Union Name
CRAFT
Mason Class
101C
Local 101 Craft
LABOR
Labor Class
102L
Local 102 Labor


UNION LOCATIONS MAINTENANCE
Save
Exit
Unable to create record. A record with the same unique identifier already exists in table PYCLASSUNIONS
UNION LOCATIONS
View
Freeze
Detach
Search
Insert
Insert Multiple
Delete
Workflows
Report Options
Export
ECM Documents
User Extensions
* Location
* Name
NEWARL
Newark Labor
SANDKC
Sandusky Craft
CLASSED UNIONS
* Trade Class
Class Name
* Union
Union Name
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Mason Class
101C
Local 101 Craft
LABOR
Labor Class
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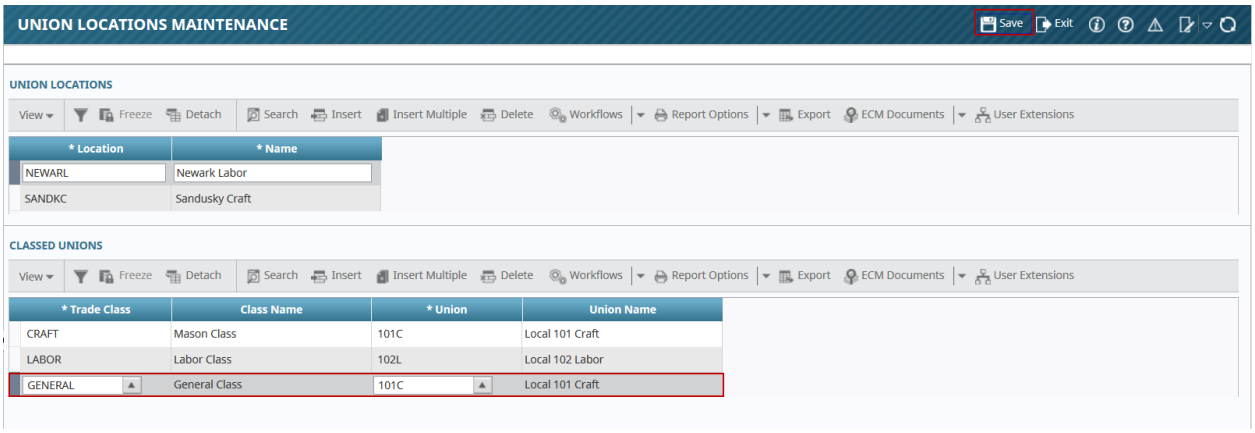
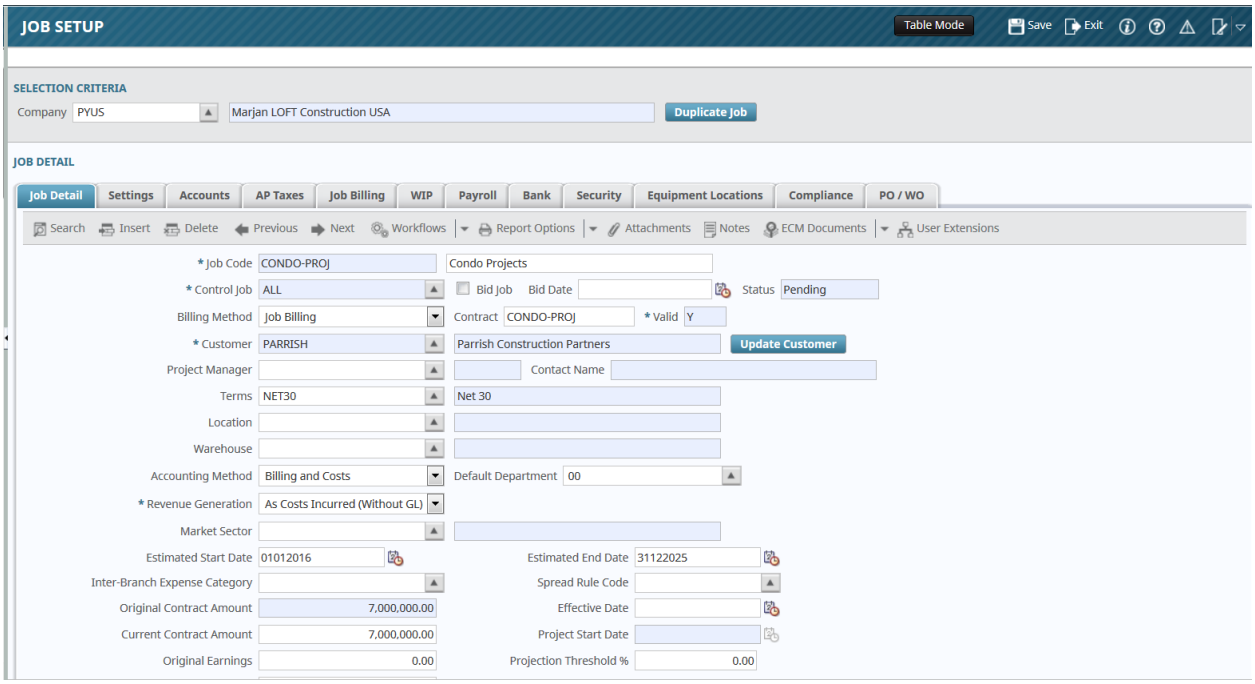
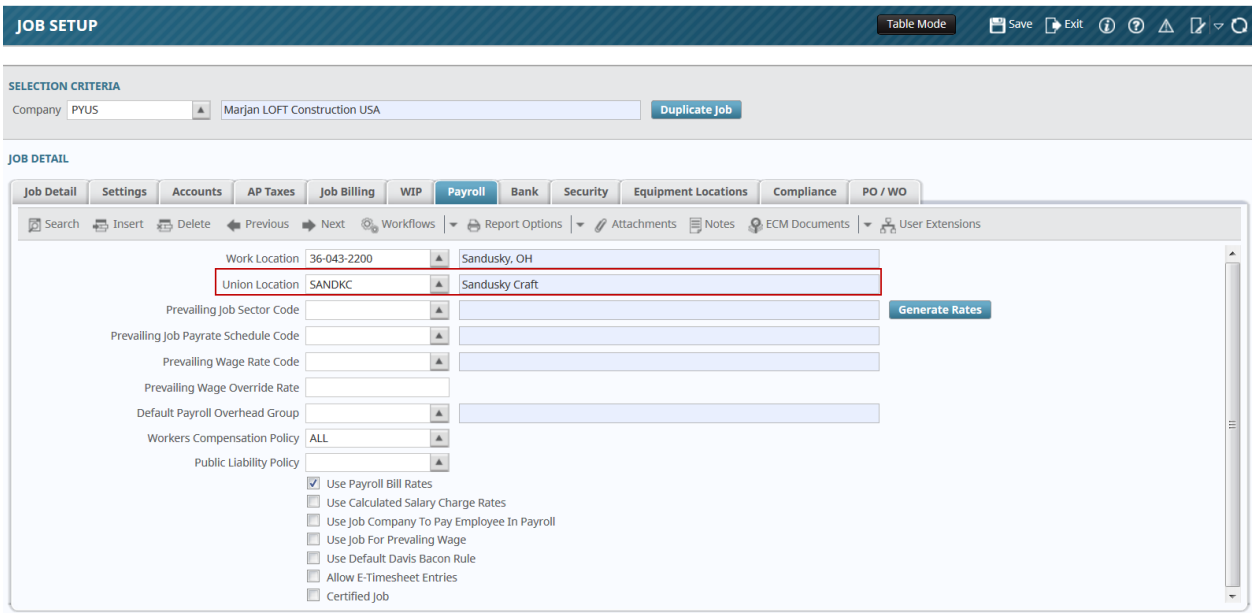
LABOR
Labor Class
L416
Local 416



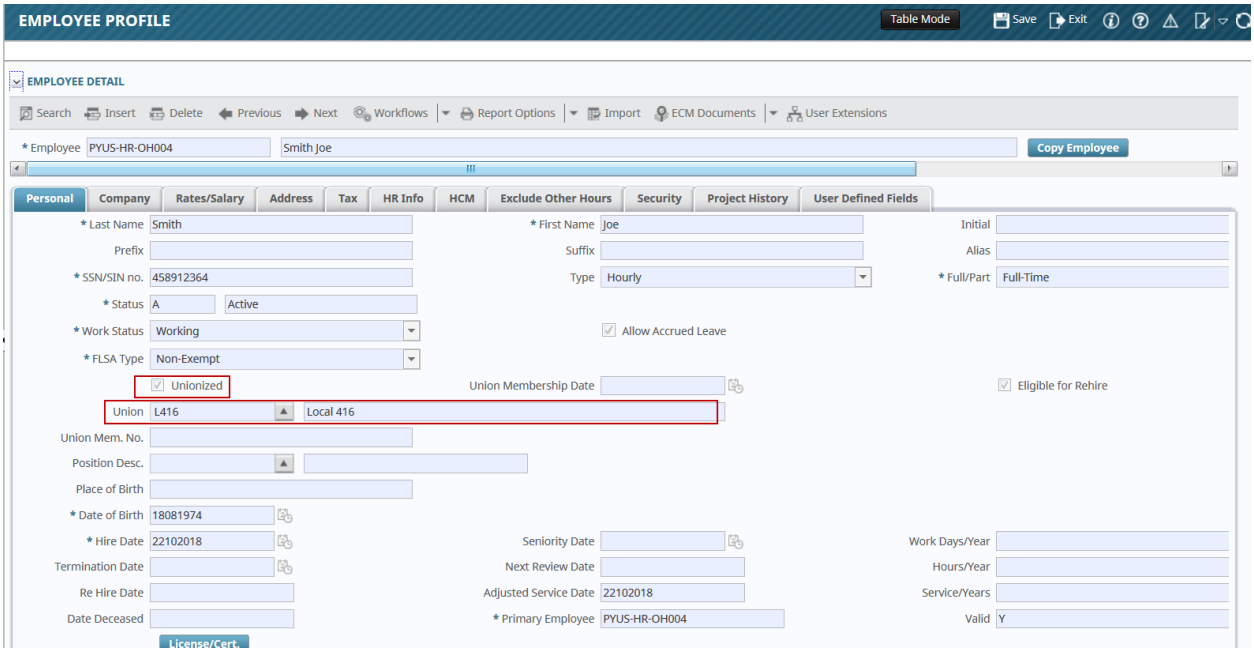
Job Maintenance – New attribute called 'Union Location' is added to Job setup under payroll tab.

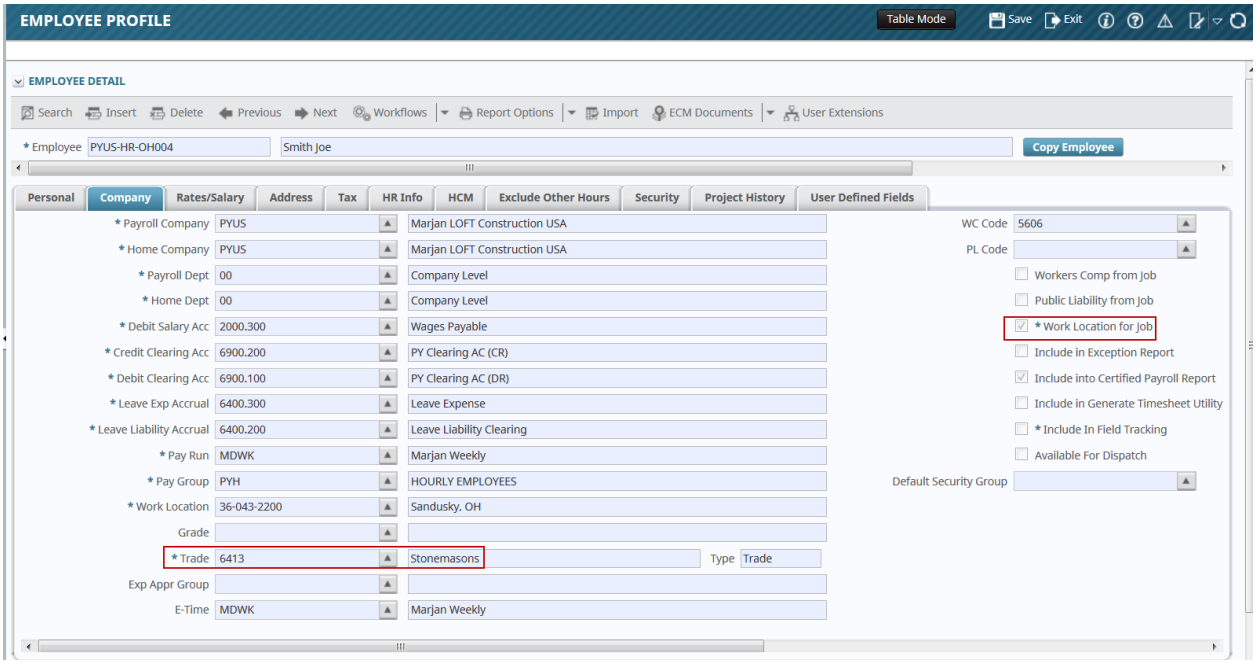
Specify a Union Location to the Job on the Job setup screen.

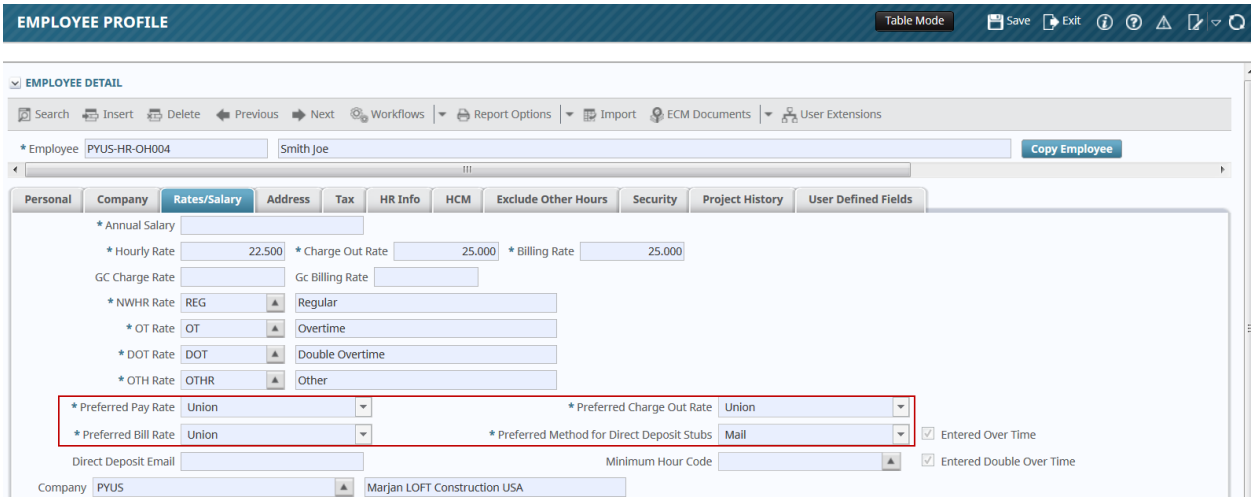




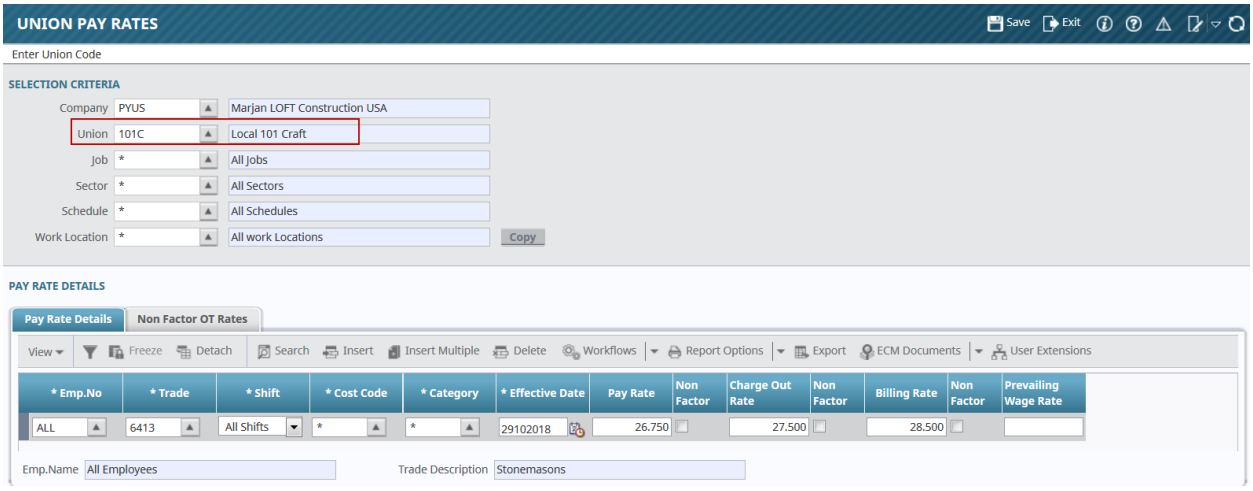
Employee profile



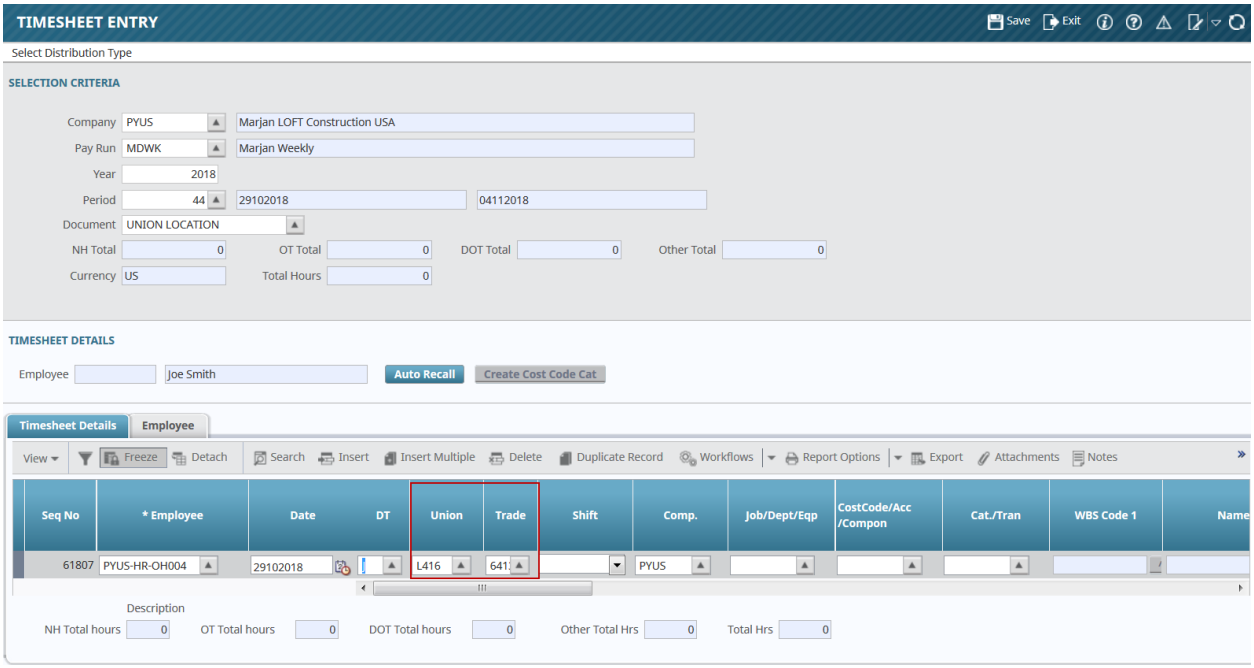

EMPLOYEE PROFILE
Table Mode
Save
Exit
EMPLOYEE DETAIL
Search
Insert
Delete
Previous
Next
Workflows
Report Options
Import
ECM Documents
User Extensions
* Employee
PYUS-HR-OH004
Smith Joe
Copy Employee
Personal
Company
Rates/Salary
Address
Tax
HR Info
HCM
Exclude Other Hours
Security
Project History
User Defined Fields
* Payroll Company
PYUS
Marjan LOFT Construction USA
* Home Company
PYUS
Marjan LOFT Construction USA
* Payroll Dept
00
Company Level
* Home Dept
00
Company Level
* Debit Salary Acc
2000.300
Wages Payable
* Credit Clearing Acc
6900.200
PY Clearing AC (CR)
* Debit Clearing Acc
6900.100
PY Clearing AC (DR)
* Leave Exp Accrual
6400.300
Leave Expense
* Leave Liability Accrual
6400.200
Leave Liability Clearing
* Pay Run
MDWK
Marjan Weekly
* Pay Group
PYH
HOURLY EMPLOYEES
* Work Location
36-043-2200
Sandusky, OH
Grade
* Trade
6413
Stonemasons
Type
Trade
Exp Appr Group
E-Time
MDWK
Marjan Weekly
WC Code
5606
PL Code
Workers Comp from Job
Public Liability from Job
* Work Location for Job
Include in Exception Report
Include into Certified Payroll Report
Include in Generate Timesheet Utility
* Include In Field Tracking
Available For Dispatch
Default Security Group


EMPLOYEE PROFILE
Table Mode
Save
Exit
EMPLOYEE DETAIL
Search
Insert
Delete
Previous
Next
Workflows
Report Options
Import
ECM Documents
User Extensions
* Employee
PYUS-HR-OH004
Smith Joe
Copy Employee
Personal
Company
Rates/Salary
Address
Tax
HR Info
HCM
Exclude Other Hours
Security
Project History
User Defined Fields
* Annual Salary
* Hourly Rate
22.500
* Charge Out Rate
25.000
* Billing Rate
25.000
GC Charge Rate
Gc Billing Rate
* NWHR Rate
REG
Regular
* OT Rate
OT
Overtime
* DOT Rate
DOT
Double Overtime
* OTH Rate
OTHR
Other
* Preferred Pay Rate
Union
* Preferred Charge Out Rate
Union
* Preferred Bill Rate
Union
* Preferred Method for Direct Deposit Stubs
Mail
Entered Over Time
Direct Deposit Email
Minimum Hour Code
Entered Double Over Time
Company
PYUS
Marjan LOFT Construction USA

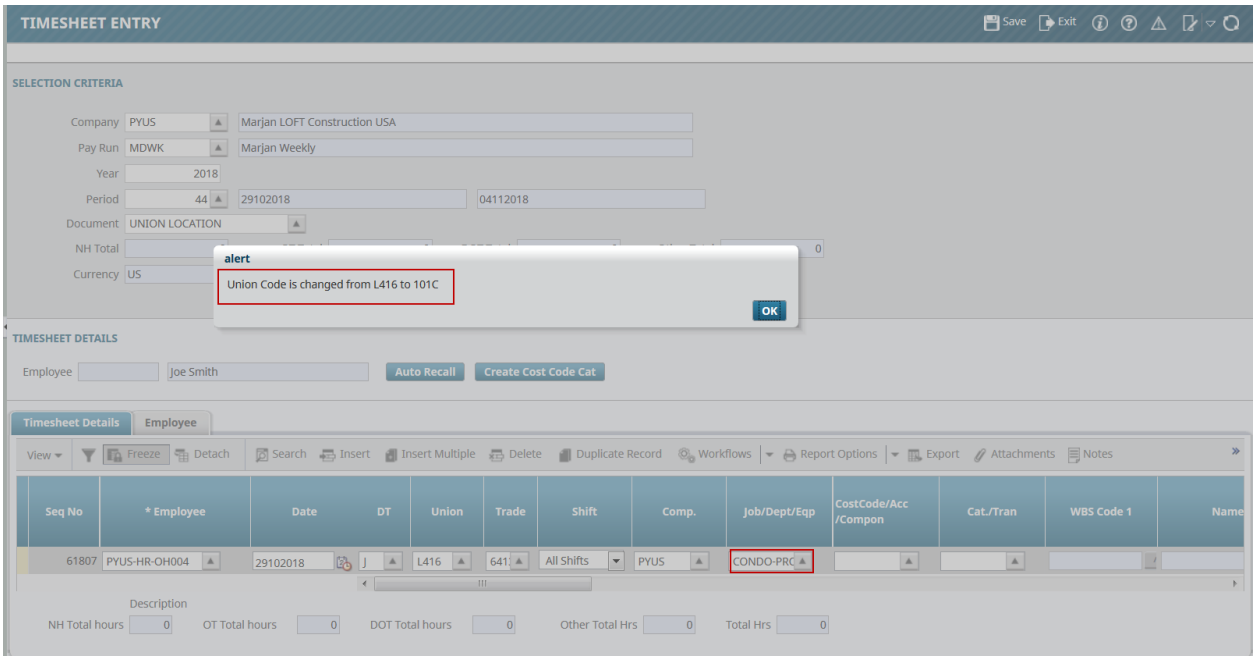
Union Pay Rates defined under the Union

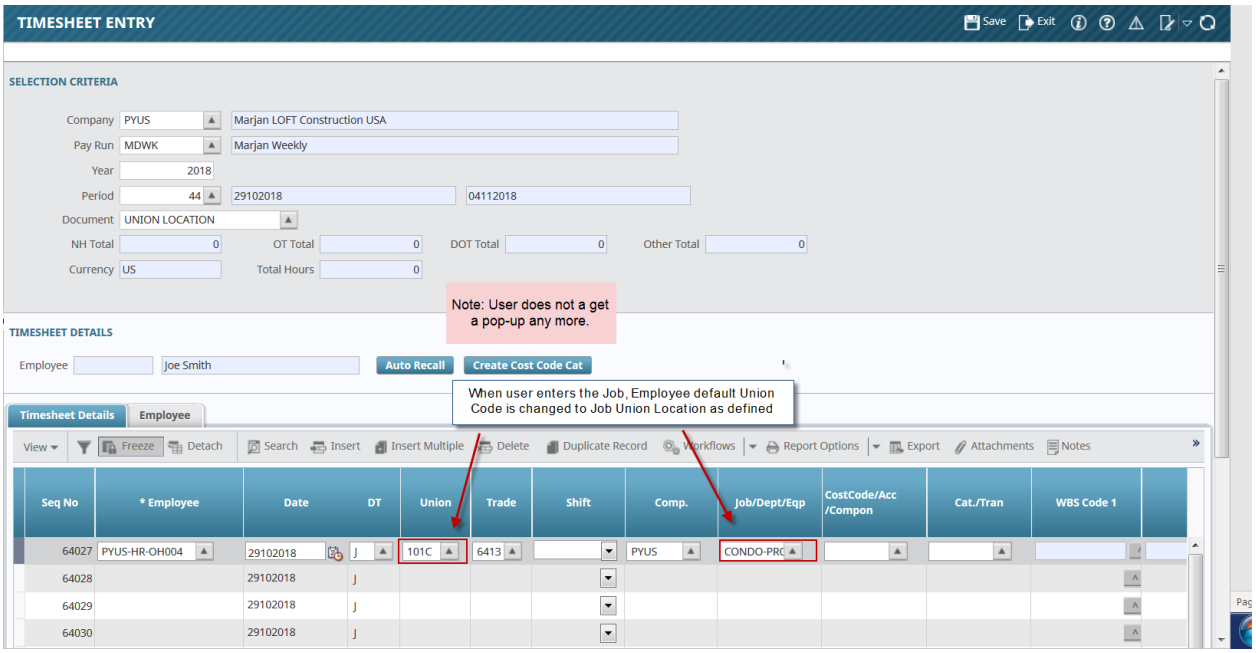


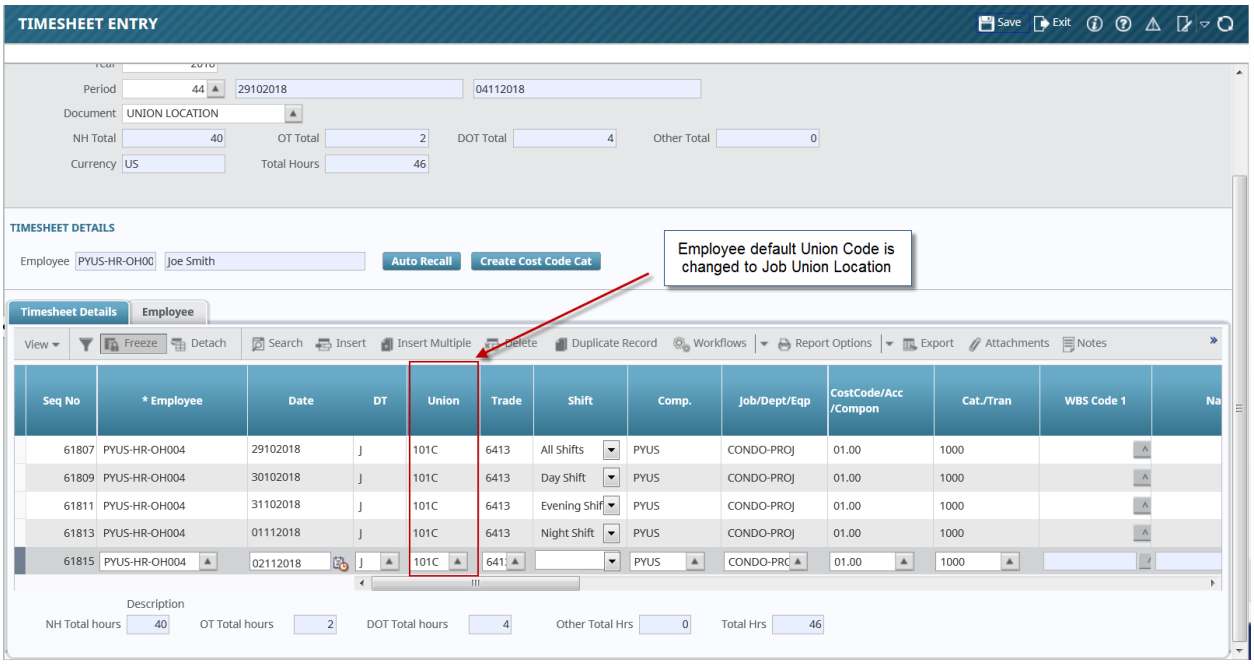
Regular Timesheet Entry – Enter timesheet for a Unionized employee against the Job with Job Work Location and Union Location specified. A New Logic is introduced in the Timesheet Entry Screen to include the new mapping. As usual, the Union Code is defaulted from the Employee Profile after the Employee number is entered, however, after you enter the Job Code, and if the Job is associated with a Union and Union Location different from the Employee Profile, then the Union is replaced with appropriate Union Code based on the setup.



NOTE: After the changes made to Timesheet Entry screen, user will not get received this alert pop-up window any more.

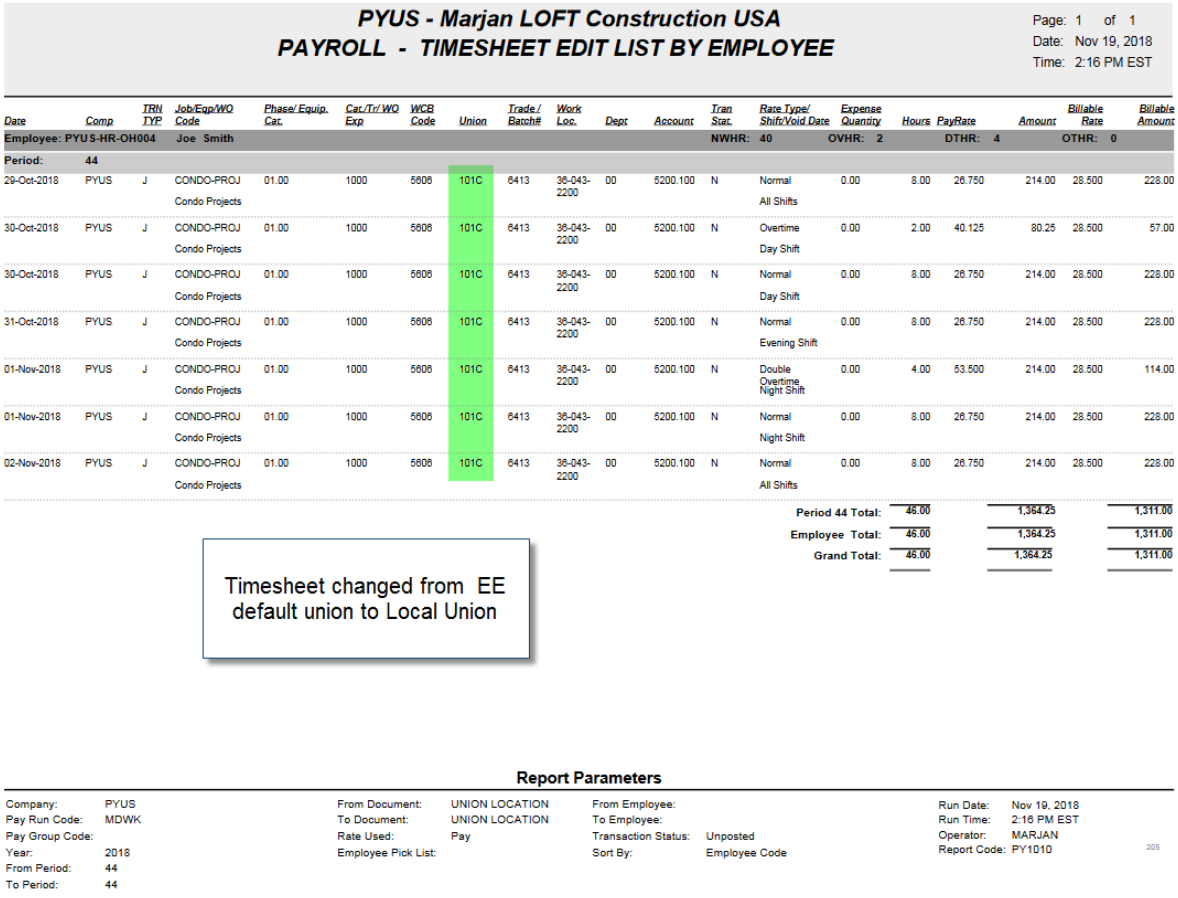

TIMESHEET ENTRY
Save
Exit
SELECTION CRITERIA
Company PYUS Marjan LOFT Construction USA
Pay Run MDWK Marjan Weekly
Year 2018
Period 44 29102018 04112018
Document UNION LOCATION
NH Total
Currency US
alert
Union Code is changed from L416 to 101C
OK
TIMESHEET DETAILS
Employee Joe Smith
Auto Recall
Create Cost Code Cat
Timesheet Details
Employee
View
Freeze
Detach
Search
Insert
Insert Multiple
Delete
Duplicate Record
Workflows
Report Options
Export
Attachments
Notes
Seq No
* Employee
Date
DT
Union
Trade
Shift
Comp.
Job/Dept/Eqp
CostCode/Acc /Compon
Cat./Tran
WBS Code 1
Name
61807 PYUS-HR-OH004 29102018 J L416 641 All Shifts PYUS CONDO-PRC
Description
NH Total hours 0
OT Total hours 0
DOT Total hours 0
Other Total Hrs 0
Total Hrs 0


TIMESHEET ENTRY
Save
Exit
SELECTION CRITERIA
Company PYUS Marjan LOFT Construction USA
Pay Run MDWK Marjan Weekly
Year 2018
Period 44 29102018 04112018
Document UNION LOCATION
NH Total 0
OT Total 0
DOT Total 0
Other Total 0
Currency US
Total Hours 0
Note: User does not a get a pop-up any more.
TIMESHEET DETAILS
Employee Joe Smith
Auto Recall
Create Cost Code Cat
When user enters the Job, Employee default Union Code is changed to Job Union Location as defined
Timesheet Details
Employee
View
Freeze
Detach
Search
Insert
Insert Multiple
Delete
Duplicate Record
Workflows
Report Options
Export
Attachments
Notes
Seq No
* Employee
Date
DT
Union
Trade
Shift
Comp.
Job/Dept/Eqp
CostCode/Acc /Compon
Cat./Tran
WBS Code 1
64027 PYUS-HR-OH004 29102018 J 101C 6413 PYUS CONDO-PRC
64028 29102018 J
64029 29102018 J
64030 29102018 J


TIMESHEET ENTRY
Save
Exit
Period
44
29102018
04112018
Document
UNION LOCATION
NH Total
40
OT Total
2
DOT Total
4
Other Total
0
Currency
US
Total Hours
46
TIMESHEET DETAILS
Employee
PYUS-HR-OH00
Joe Smith
Auto Recall
Create Cost Code Cat
Employee default Union Code is changed to Job Union Location
Timesheet Details
Employee
View
Freeze
Detach
Search
Insert
Insert Multiple
Delete
Duplicate Record
Workflows
Report Options
Export
Attachments
Notes
Seq No
* Employee
Date
DT
Union
Trade
Shift
Comp.
Job/Dept/Eqp
CostCode/Acc /Compon
Cat./Tran
WBS Code 1
61807 PYUS-HR-OH004 29102018 J 101C 6413 All Shifts PYUS CONDO-PROJ 01.00 1000
61809 PYUS-HR-OH004 30102018 J 101C 6413 Day Shift PYUS CONDO-PROJ 01.00 1000
61811 PYUS-HR-OH004 31102018 J 101C 6413 Evening Shif PYUS CONDO-PROJ 01.00 1000
61813 PYUS-HR-OH004 01112018 J 101C 6413 Night Shift PYUS CONDO-PROJ 01.00 1000
61815 PYUS-HR-OH004 02112018 J 101C 641 PYUS CONDO-PRO 01.00 1000
Description
NH Total hours 40
OT Total hours 2
DOT Total hours 4
Other Total Hrs 0
Total Hrs 46

Timesheet Posting & Payroll Processing

Timesheet Edit Listing report



PYUS - Marjan LOFT Construction USA
PAYROLL - TIMESHEET EDIT LIST BY EMPLOYEE

Page: 1 of 1
Date: Nov 19, 2018
Time: 2:16 PM EST

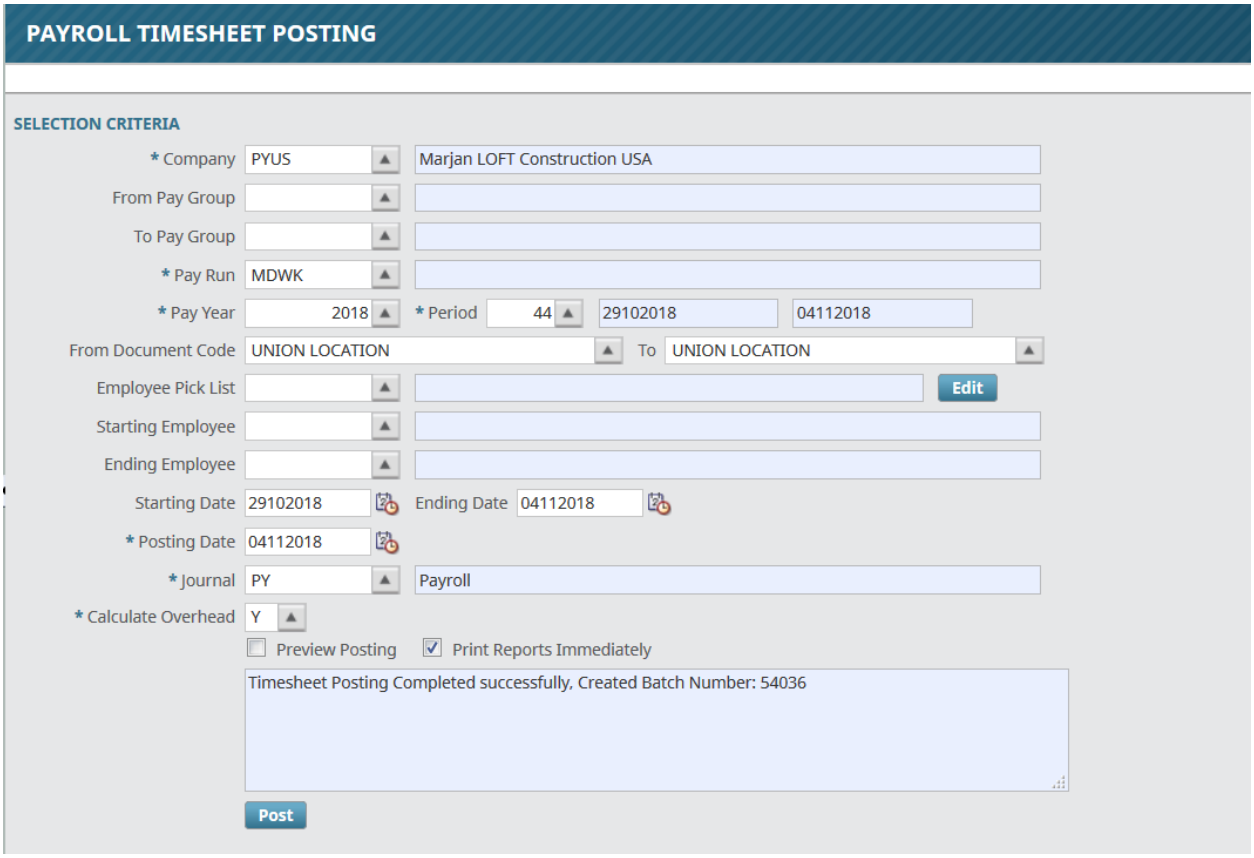
Date	Comp	TRN TYP	Job/Eqp/WO Code	Phase/ Equip. Cat.	Cat./Tr/ WO Exp	WCB Code	Union	Trade / Batch#	Work Loc.	Dept	Account	Tran Stat.	Rate Type/ Shift/Void Date	Expense Quantity	Hours	PayRate	Amount	Billable Rate	Billable Amount
Employee: PYUS-HR-OH004			**Joe Smith**									**NWHR:**	**40**	**OVHR: 2**		**DTHR: 4**		**OTHR: 0**	
Period:	**44**																		
29-Oct-2018	PYUS	J	CONDO-PROJ Condo Projects	01.00	1000	5606	101C	6413	36-043-2200	00	5200.100	N	Normal All Shifts	0.00	8.00	26.750	214.00	28.500	228.00
30-Oct-2018	PYUS	J	CONDO-PROJ Condo Projects	01.00	1000	5606	101C	6413	36-043-2200	00	5200.100	N	Overtime Day Shift	0.00	2.00	40.125	80.25	28.500	57.00
30-Oct-2018	PYUS	J	CONDO-PROJ Condo Projects	01.00	1000	5606	101C	6413	36-043-2200	00	5200.100	N	Normal Day Shift	0.00	8.00	26.750	214.00	28.500	228.00
31-Oct-2018	PYUS	J	CONDO-PROJ Condo Projects	01.00	1000	5606	101C	6413	36-043-2200	00	5200.100	N	Normal Evening Shift	0.00	8.00	26.750	214.00	28.500	228.00
01-Nov-2018	PYUS	J	CONDO-PROJ Condo Projects	01.00	1000	5606	101C	6413	36-043-2200	00	5200.100	N	Double Overtime Night Shift	0.00	4.00	53.500	214.00	28.500	114.00
01-Nov-2018	PYUS	J	CONDO-PROJ Condo Projects	01.00	1000	5606	101C	6413	36-043-2200	00	5200.100	N	Normal Night Shift	0.00	8.00	26.750	214.00	28.500	228.00
02-Nov-2018	PYUS	J	CONDO-PROJ Condo Projects	01.00	1000	5606	101C	6413	36-043-2200	00	5200.100	N	Normal All Shifts	0.00	8.00	26.750	214.00	28.500	228.00
													Period 44 Total:		46.00		1,364.25		1,311.00
													Employee Total:		46.00		1,364.25		1,311.00
													Grand Total:		46.00		1,364.25		1,311.00

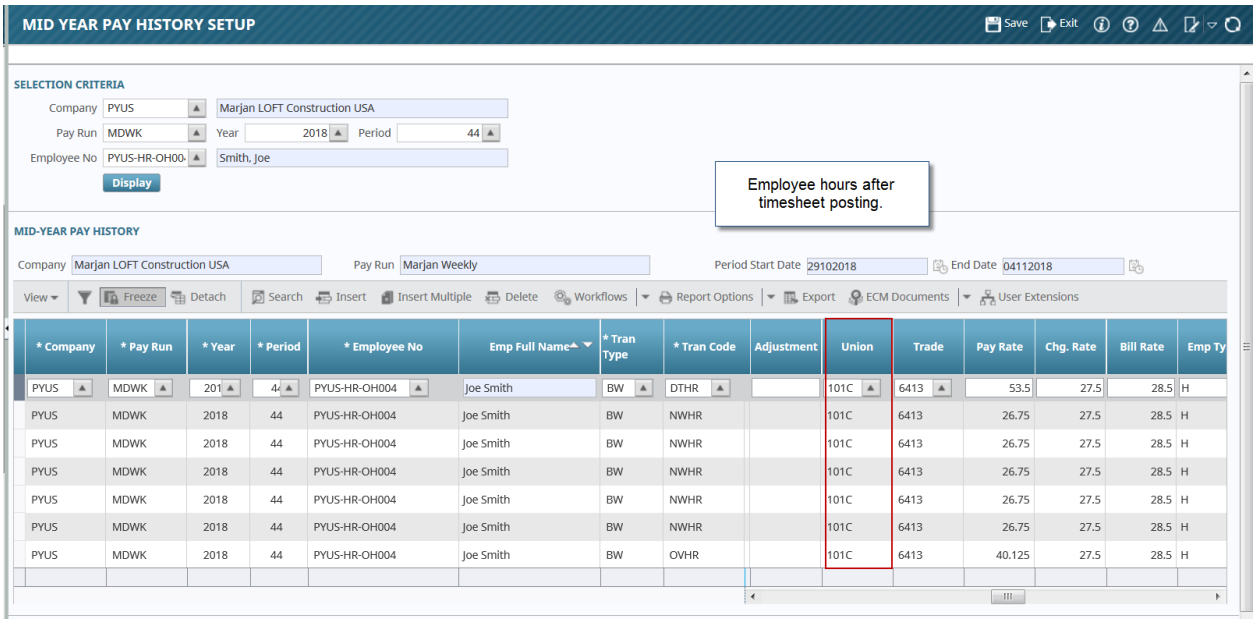
Timesheet changed from EE default union to Local Union

Report Parameters

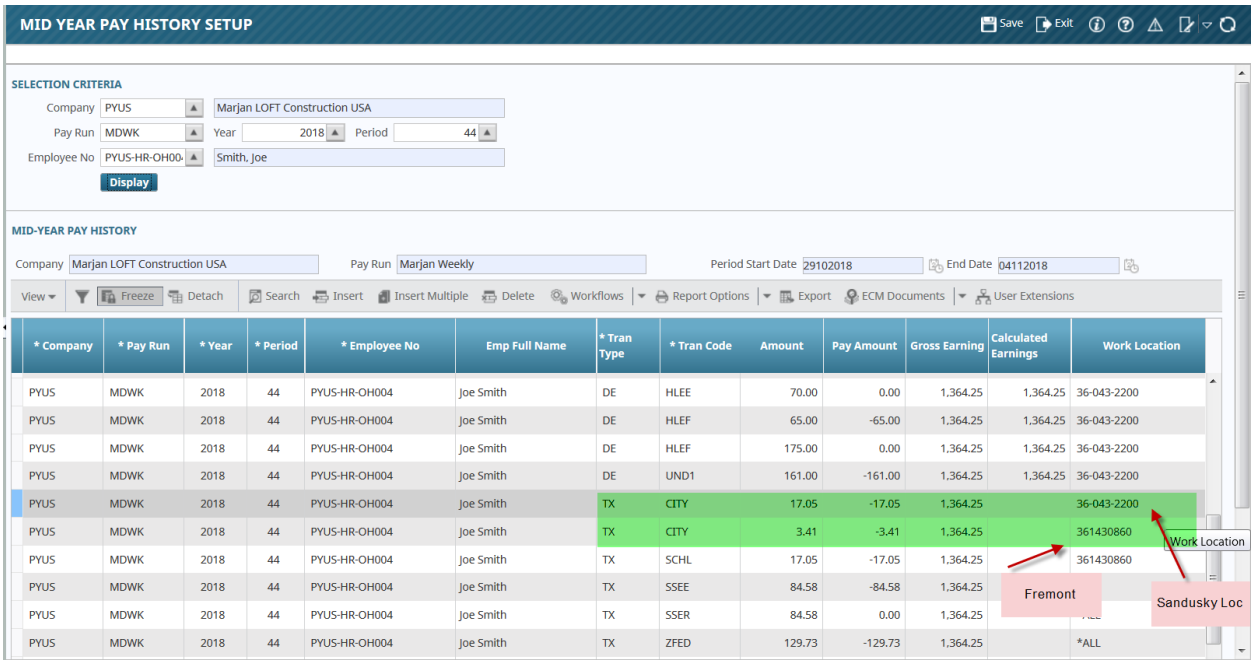
Company:	PYUS	From Document:	UNION LOCATION	From Employee:		Run Date:	Nov 19, 2018
Pay Run Code:	MDWK	To Document:	UNION LOCATION	To Employee:		Run Time:	2:16 PM EST
Pay Group Code:		Rate Used:	Pay	Transaction Status:	Unposted	Operator:	MARJAN
Year:	2018	Employee Pick List:		Sort By:	Employee Code	Report Code:	PY1010
From Period:	44						
To Period:	44						

Timesheet is posted

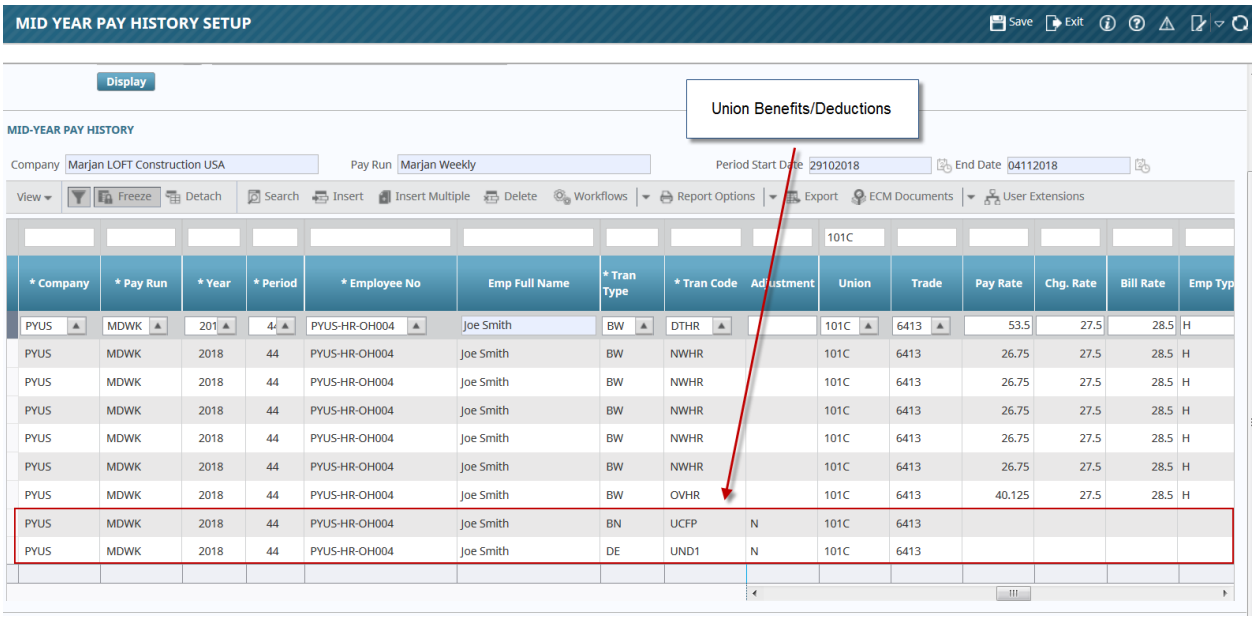




Payroll is processed – Taxes are calculated during payroll processing. Local Taxes are calculated by vertex against the job work location Sandusky, Ohio and residence location, Fremont – Ohio.



Payroll processing has included the Job allocated Union Benefits and Decutions under the employee changed union Vs the employee default home union. Note: Customer should ensure that their Union Ben/Ded are setup and allocated properly in the systems under each union.



Positive Pay File Format for UMB Bank- (18.60937)

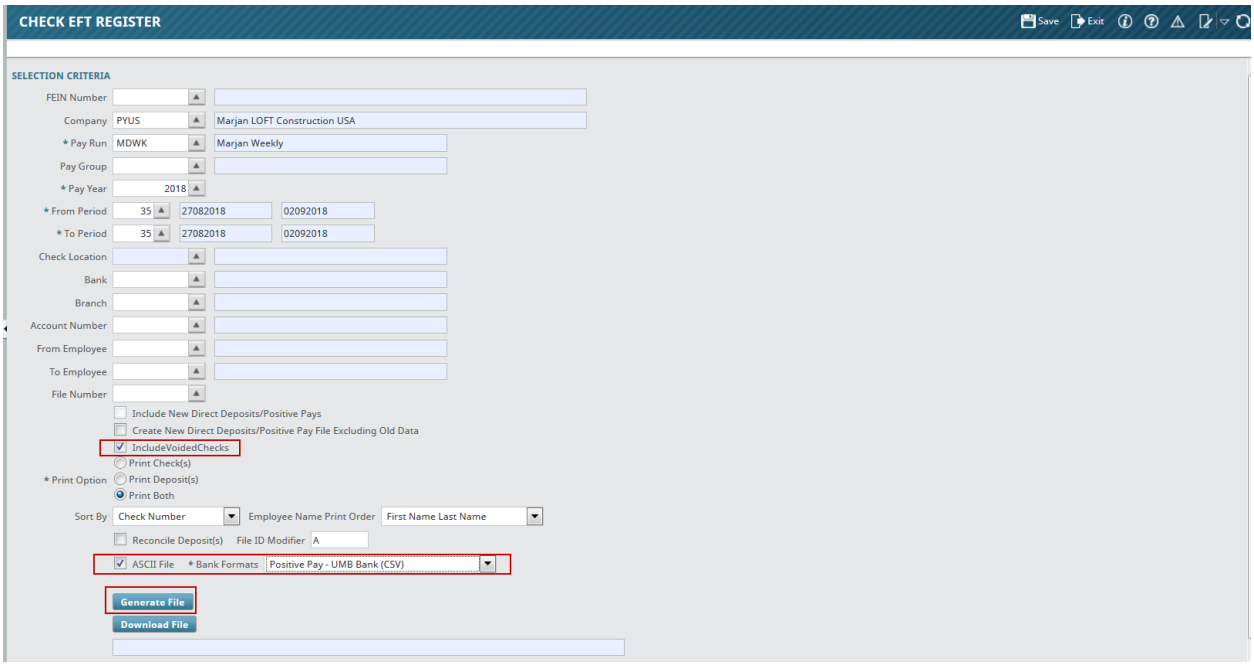
CMiC has added a new Positive Pay format for UMB Bank in PY Check/EFT program. The ASCII File (CSV) is created as per UMB Positive Pay. The format is as per Standard Delimited File Format for use in UMB Direct.

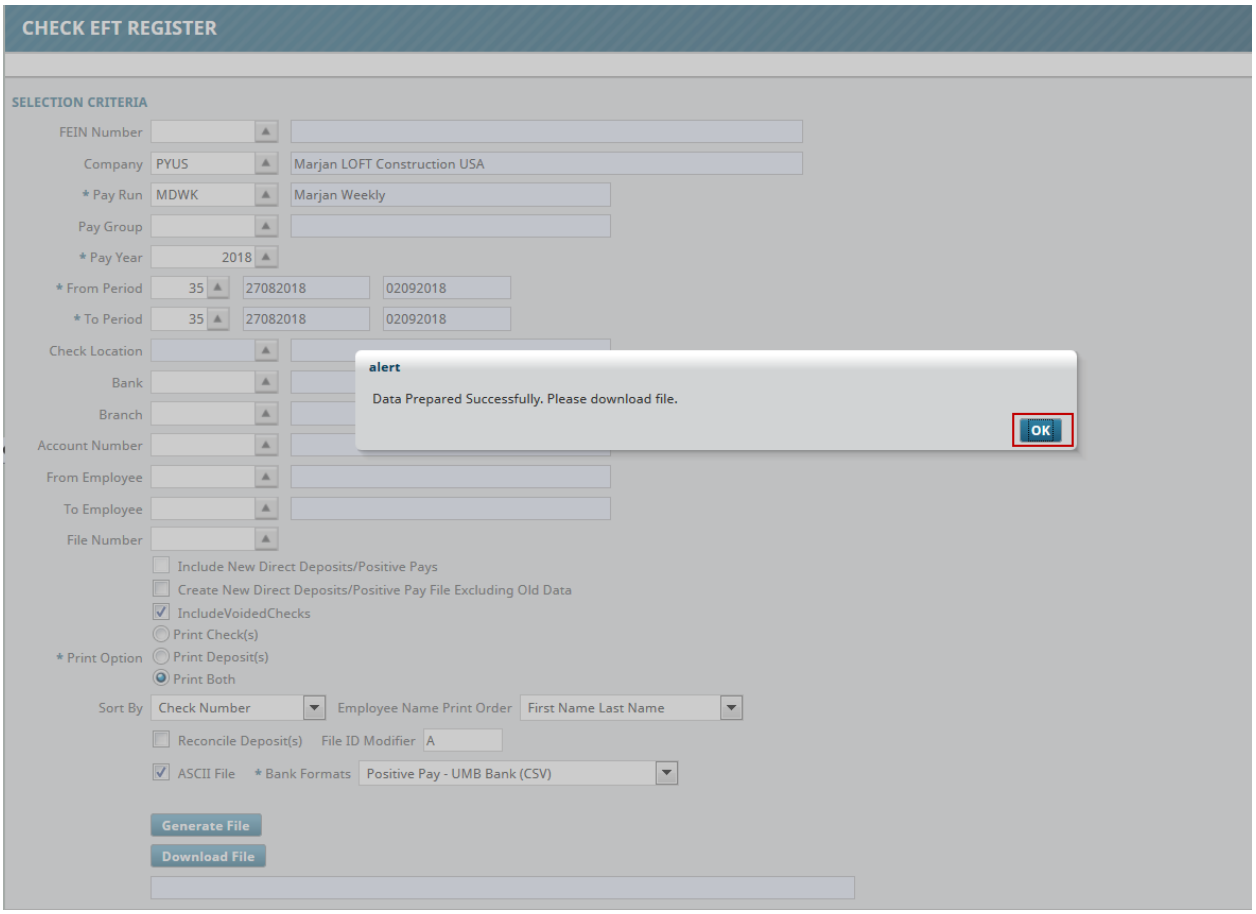
Pre-Requisites

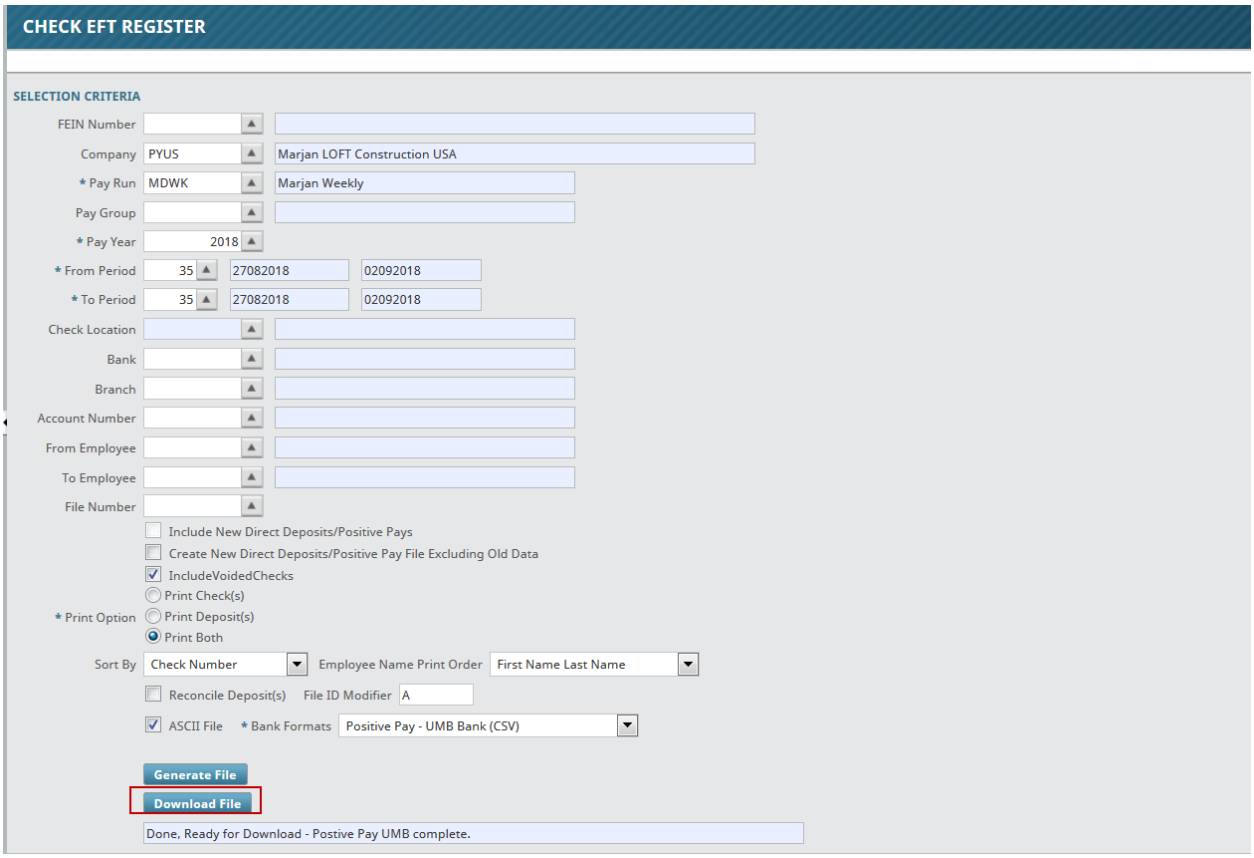
Customers should ensure to have their Banking Information and setup completed in CMiC System under Global Tables à Banking Maintenance.

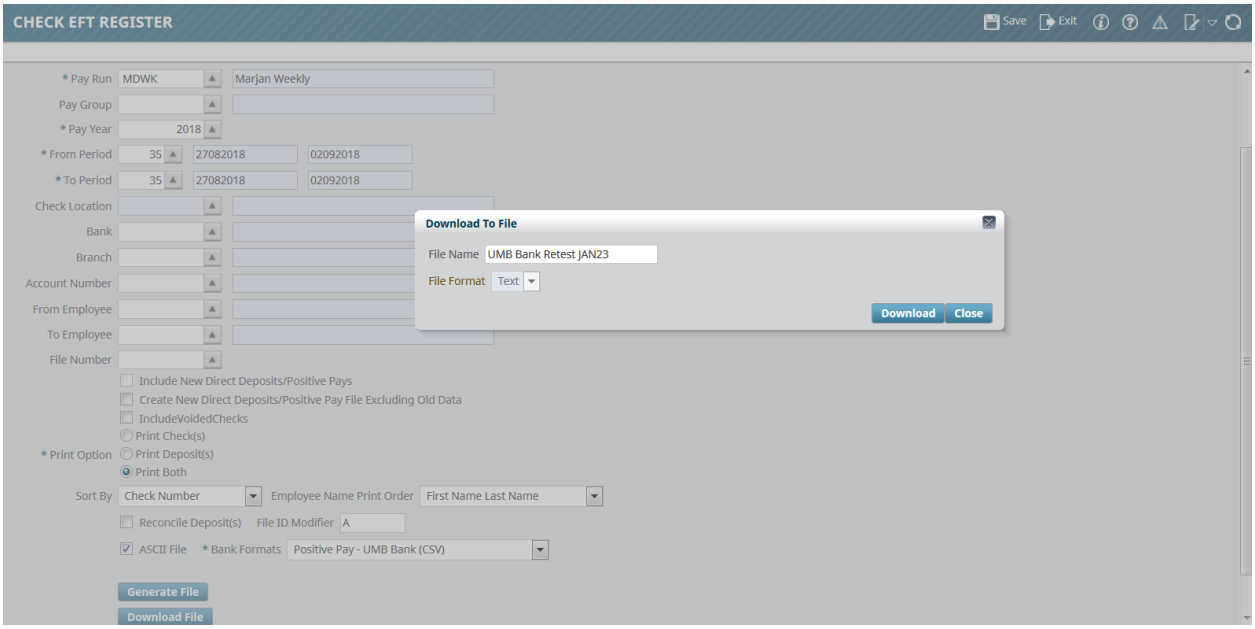
Addition of a new option/format in Check EFT Register (PY1081) Program to generate Positive Pay _UMB Bank (CSV) file.

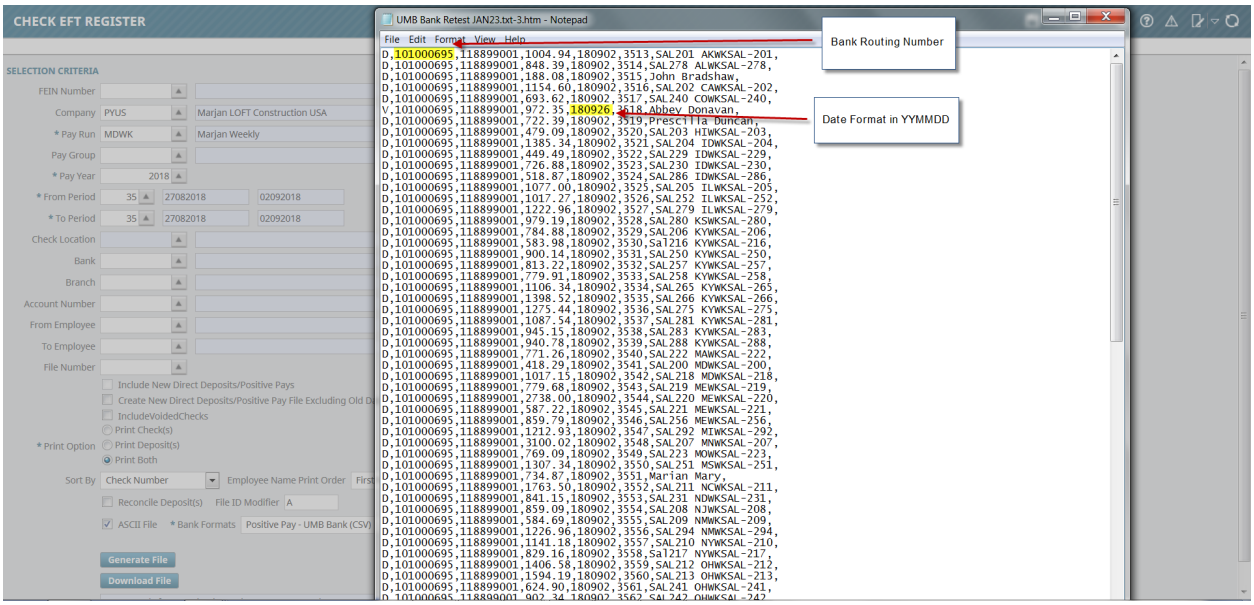
Process Payroll and print checks. Under Processing > Reports > Check/EFT Register, select bank format: Positive Pay – UMB Bank (CSV) to prepare the data and download the file in Notepad.




CHECK EFT REGISTER
SELECTION CRITERIA
FEIN Number
Company
PYUS
Marjan LOFT Construction USA
* Pay Run
MDWK
Marjan Weekly
Pay Group
* Pay Year
2018
* From Period
35
27082018
02092018
* To Period
35
27082018
02092018
Check Location
Bank
Branch
Account Number
From Employee
To Employee
File Number
alert
Data Prepared Successfully. Please download file.
OK
Include New Direct Deposits/Positive Pays
Create New Direct Deposits/Positive Pay File Excluding Old Data
IncludeVoidedChecks
Print Check(s)
* Print Option
Print Deposit(s)
Print Both
Sort By
Check Number
Employee Name Print Order
First Name Last Name
Reconcile Deposit(s)
File ID Modifier
A
ASCII File
* Bank Formats
Positive Pay - UMB Bank (CSV)
Generate File
Download File

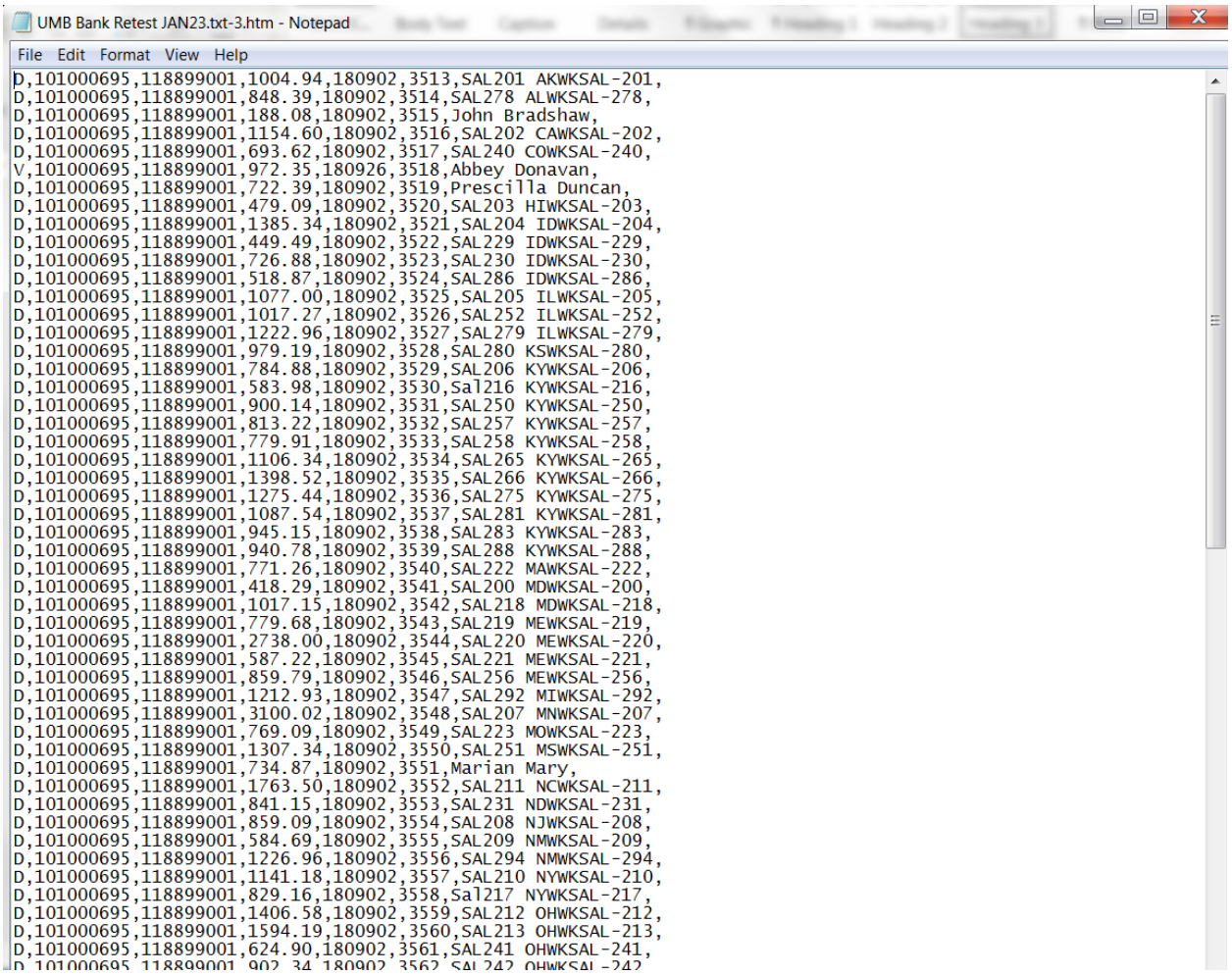

CHECK EFT REGISTER
SELECTION CRITERIA
FEIN Number
Company
PYUS
Marjan LOFT Construction USA
* Pay Run
MDWK
Marjan Weekly
Pay Group
* Pay Year
2018
* From Period
35
27082018
02092018
* To Period
35
27082018
02092018
Check Location
Bank
Branch
Account Number
From Employee
To Employee
File Number
Include New Direct Deposits/Positive Pays
Create New Direct Deposits/Positive Pay File Excluding Old Data
IncludeVoidedChecks
Print Check(s)
* Print Option
Print Deposit(s)
Print Both
Sort By
Check Number
Employee Name Print Order
First Name Last Name
Reconcile Deposit(s)
File ID Modifier
A
ASCII File
* Bank Formats
Positive Pay - UMB Bank (CSV)
Generate File
Download File
Done, Ready for Download - Postive Pay UMB complete.


CHECK EFT REGISTER
Save
Exit
Download To File
File Name
UMB Bank Retest JAN23
File Format
Text
Download
Close
Generate File
Download File



Check/EFT Register Program – PY1081

The Check / EFT Register will print a listing of all checks printed on a particular Pay Run for a given period and employee range. The Paychecks listing for Employee Report will print a listing of the checks and direct deposit payments made on a particular check run.


UMB Bank Retest JAN23.txt-3.htm - Notepad
File Edit Format View Help
D,101000695,118899001,1004.94,180902,3513,SAL201 AKWKSAL-201,
D,101000695,118899001,848.39,180902,3514,SAL278 ALWKSAL-278,
D,101000695,118899001,188.08,180902,3515,John Bradshaw,
D,101000695,118899001,1154.60,180902,3516,SAL202 CAWKSAL-202,
D,101000695,118899001,693.62,180902,3517,SAL240 COWKSAL-240,
V,101000695,118899001,972.35,180926,3518,Abbey Donavan,
D,101000695,118899001,722.39,180902,3519,Prescilla Duncan,
D,101000695,118899001,479.09,180902,3520,SAL203 HIWKSAL-203,
D,101000695,118899001,1385.34,180902,3521,SAL204 IDWKSAL-204,
D,101000695,118899001,449.49,180902,3522,SAL229 IDWKSAL-229,
D,101000695,118899001,726.88,180902,3523,SAL230 IDWKSAL-230,
D,101000695,118899001,518.87,180902,3524,SAL286 IDWKSAL-286,
D,101000695,118899001,1077.00,180902,3525,SAL205 ILWKSAL-205,
D,101000695,118899001,1017.27,180902,3526,SAL252 ILWKSAL-252,
D,101000695,118899001,1222.96,180902,3527,SAL279 ILWKSAL-279,
D,101000695,118899001,979.19,180902,3528,SAL280 KSWKSAL-280,
D,101000695,118899001,784.88,180902,3529,SAL206 KYWKSAL-206,
D,101000695,118899001,583.98,180902,3530,Sal216 KYWKSAL-216,
D,101000695,118899001,900.14,180902,3531,SAL250 KYWKSAL-250,
D,101000695,118899001,813.22,180902,3532,SAL257 KYWKSAL-257,
D,101000695,118899001,779.91,180902,3533,SAL258 KYWKSAL-258,
D,101000695,118899001,1106.34,180902,3534,SAL265 KYWKSAL-265,
D,101000695,118899001,1398.52,180902,3535,SAL266 KYWKSAL-266,
D,101000695,118899001,1275.44,180902,3536,SAL275 KYWKSAL-275,
D,101000695,118899001,1087.54,180902,3537,SAL281 KYWKSAL-281,
D,101000695,118899001,945.15,180902,3538,SAL283 KYWKSAL-283,
D,101000695,118899001,940.78,180902,3539,SAL288 KYWKSAL-288,
D,101000695,118899001,771.26,180902,3540,SAL222 MAWKSAL-222,
D,101000695,118899001,418.29,180902,3541,SAL200 MDWKSAL-200,
D,101000695,118899001,1017.15,180902,3542,SAL218 MDWKSAL-218,
D,101000695,118899001,779.68,180902,3543,SAL219 MEWKSAL-219,
D,101000695,118899001,2738.00,180902,3544,SAL220 MEWKSAL-220,
D,101000695,118899001,587.22,180902,3545,SAL221 MEWKSAL-221,
D,101000695,118899001,859.79,180902,3546,SAL256 MEWKSAL-256,
D,101000695,118899001,1212.93,180902,3547,SAL292 MIWKSAL-292,
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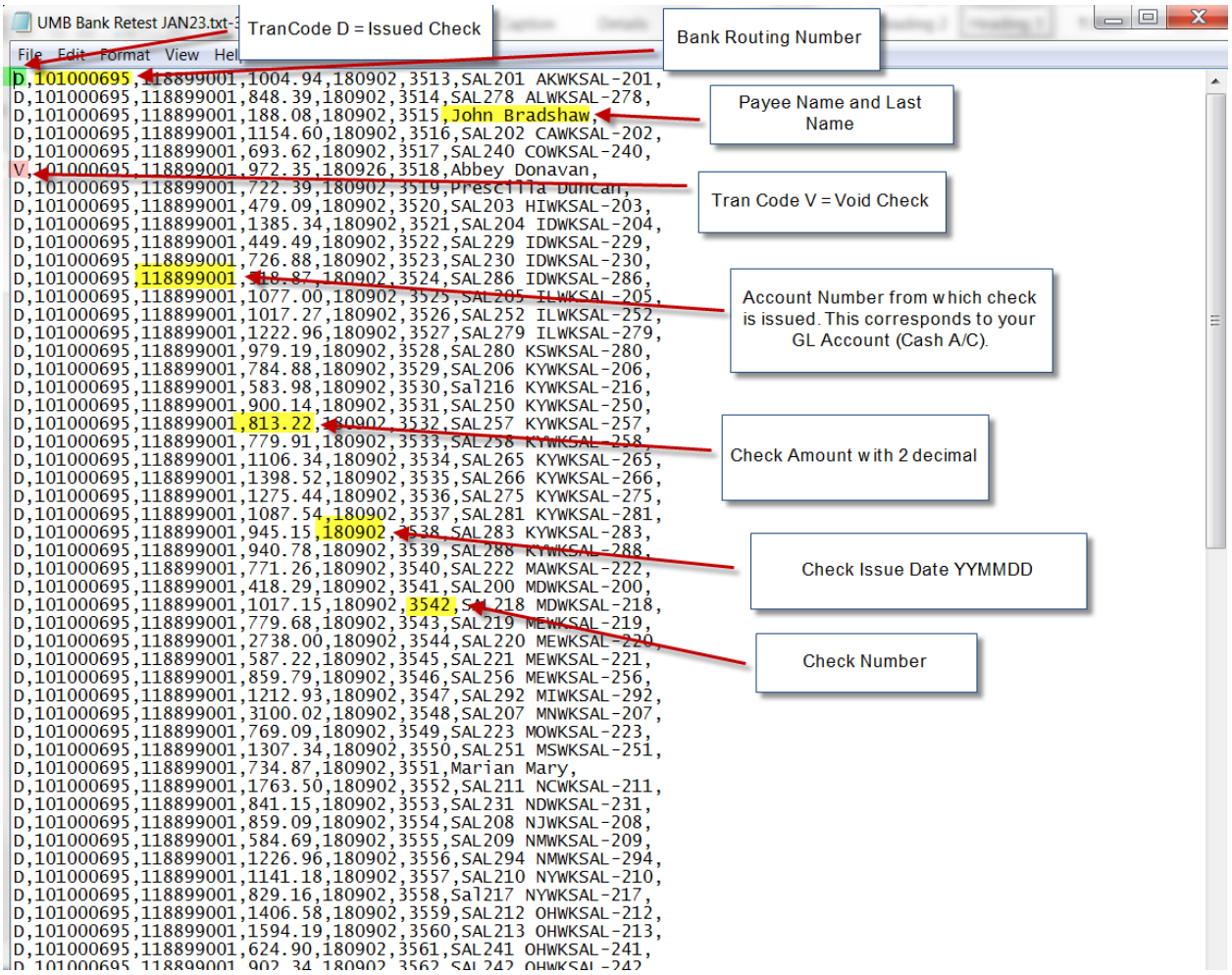
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Payee Name and Last Name
Tran Code V = Void Check
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Check Amount with 2 decimal
Check Issue Date YYMMDD
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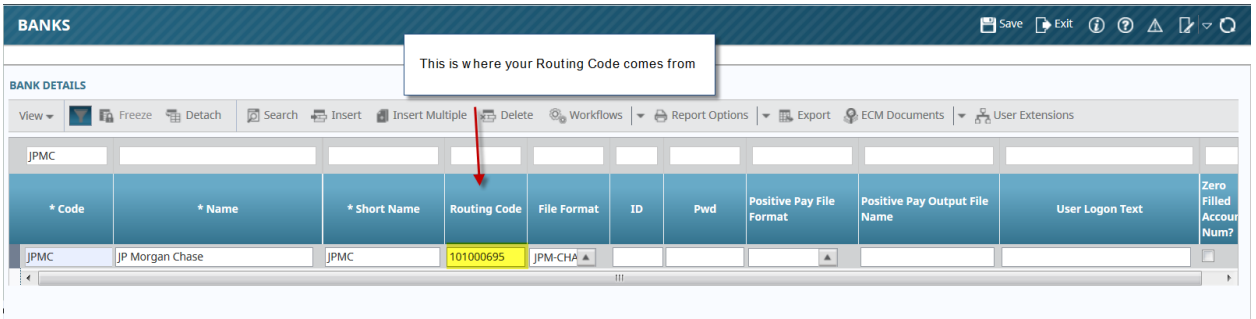
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Freeze
Detach
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Insert
Insert Multiple
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User Extensions
JPMC
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* Name
* Short Name
Routing Code
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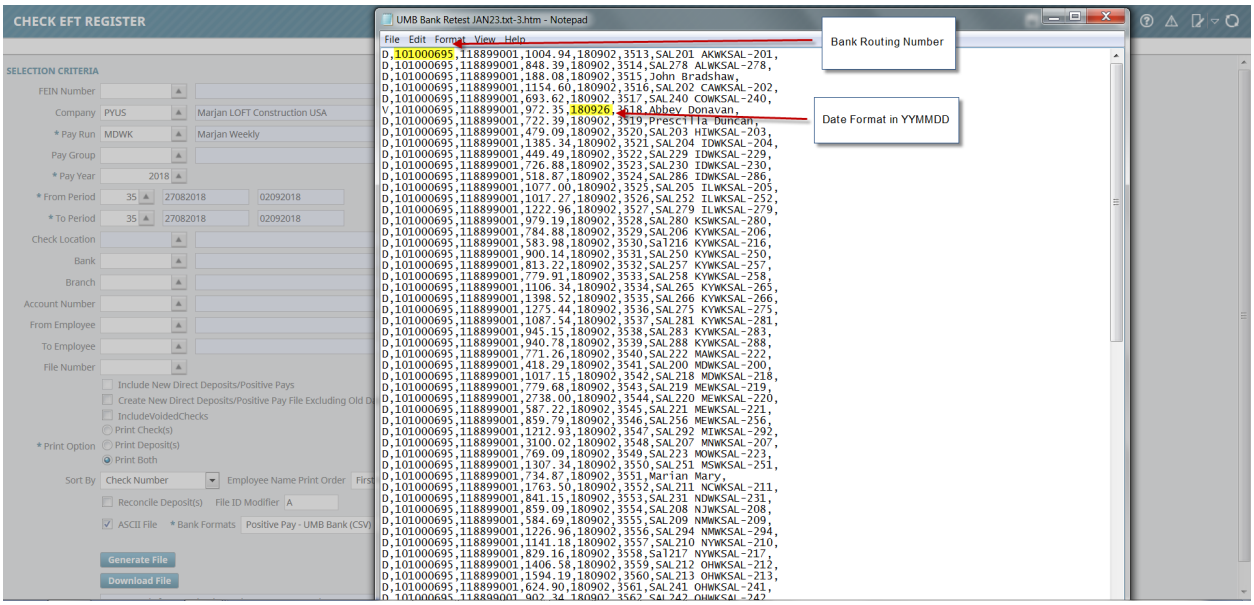
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Pay Group
* Pay Year 2018
* From Period 35 27082018 02092018
* To Period 35 27082018 02092018
Check Location
Bank
Branch
Account Number
From Employee
To Employee
File Number
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Create New Direct Deposits/Positive Pay File Excluding Old D
IncludeVoidedChecks
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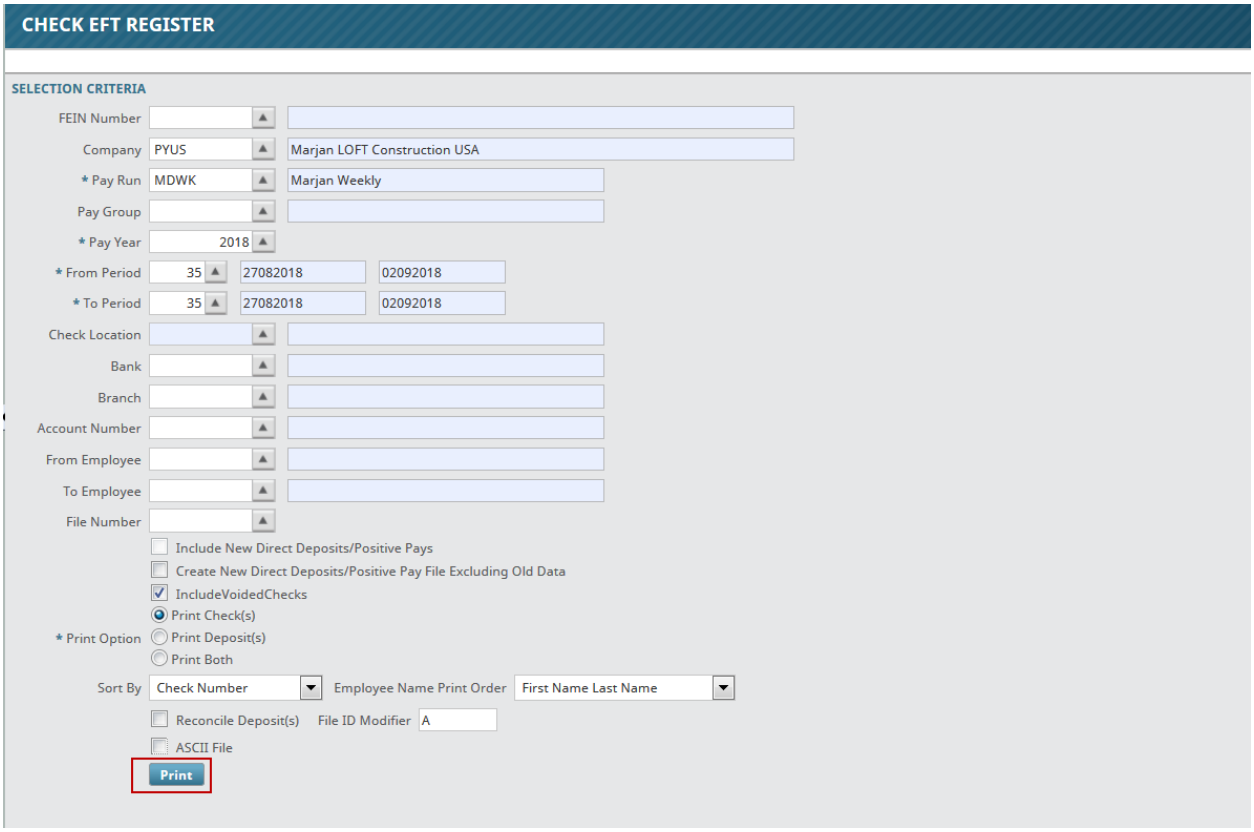
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Pay Group
* Pay Year 2018
* From Period 35 27082018 02092018
* To Period 35 27082018 02092018
Check Location
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Branch
Account Number
From Employee
To Employee
File Number
Include New Direct Deposits/Positive Pays
Create New Direct Deposits/Positive Pay File Excluding Old Data
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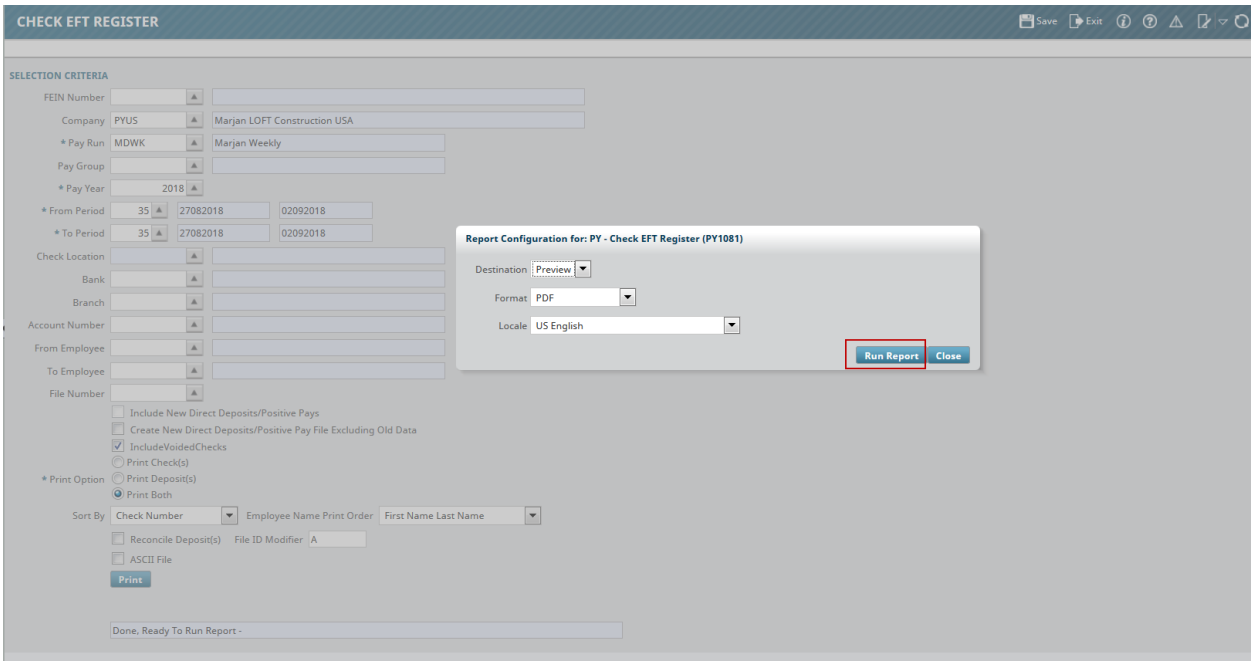
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Locale
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PAYROLL - PAYCHECKS LISTING FOR EMPLOYEE

Page: 1 of 8
Date: Oct 26, 2018
Time: 5:26 PM EDT

Employee	Type	Void	Check/EFT Number	Check/Void Date	Description	Amount Employee Deposit Bank & Account			Issuing Bank Branch & Account	
FEIN: MD14799001 - Marjan LOFT				Company:	PYUS - Marjan LOFT Construction					
PYUS-WK-SAL-235 SAL235 OHWKSAL-235	Salaried		343	02092018	Direct Deposit in Bank	WACH	MAIN	324.46 778866559	JPMC JPMC	118899001
PYUS-WK-SAL-235 SAL235 OHWKSAL-235	Salaried		344	02092018	Direct Deposit in Bank	CAPT1	MAIN	324.46 336611224	JPMC JPMC	118899001
PYUS-WK-SAL-201 SAL201 AKWKSAL-201	Salaried		3513	02092018	Check Issued			1,004.94	JPMC JPMC	118899001
PYUS-SAL-WK-278 SAL278 ALWKSAL-278	Salaried		3514	02092018	Check Issued			848.39	JPMC JPMC	118899001
PYUS-SAL-1001- John Bradshaw	Salaried		3515	02092018	Check Issued			188.08	JPMC JPMC	118899001
PYUS-WK-SAL-202 SAL202 CAWKSAL-202	Salaried		3516	02092018	Check Issued			1,154.60	JPMC JPMC	118899001
PYUS-WK-SAL-240 SAL240 COWKSAL-240	Salaried		3517	02092018	Check Issued			693.62	JPMC JPMC	118899001
PYUS000000000001 Abbey Donavan	Salaried	V	3518	02092018 26092018	Check Issued			972.35	JPMC JPMC	118899001
2001 Prescilla Duncan	Salaried		3519	02092018	Check Issued			722.39	JPMC JPMC	118899001
PYUS-WK-SAL-203 SAL203 HIWKSAL-203	Salaried		3520	02092018	Check Issued			479.09	JPMC JPMC	118899001
PYUS-WK-SAL-204 SAL204 IDWKSAL-204	Salaried		3521	02092018	Check Issued			1,385.34	JPMC JPMC	118899001
PYUS-WK-SAL-229 SAL229 IDWKSAL-229	Salaried		3522	02092018	Check Issued			449.49	JPMC JPMC	118899001
PYUS-WK-SAL-230 SAL230 IDWKSAL-230	Salaried		3523	02092018	Check Issued			726.88	JPMC JPMC	118899001
PYUS-WK-SAL-286 SAL286 IDWKSAL-286	Salaried		3524	02092018	Check Issued			518.87	JPMC JPMC	118899001
PYUS-WK-SAL-205 SAL205 ILWKSAL-205	Salaried		3525	02092018	Check Issued			1,077.00	JPMC JPMC	118899001
PYUS-WK-SAL-252 SAL252 ILWKSAL-252	Salaried		3526	02092018	Check Issued			1,017.27	JPMC JPMC	118899001

PAYROLL - REGISTER REPORT

Page: 42 of 46
Date: 26092018
Time: 10:34 PM

Wages and Benefits				Deductions and Taxes			Employer Part		
Code	Description	Hours	Amount	Code	Description	Amount	Code	Description	Amount
							8810	8810	18.75
Check Total		40	1,250.00			-297.93			136.16
Employee Total		40	1,250.00			-297.93			136.16

Employee: PYUS000000000(Abbey Donavan Union: Trade: 1412 Accountant

Voided Checks:

Check No: 3518 User Check No: Check Amt: 972.35 Check Date: 02092018 Void Date: 26092018

PAYROLL - REGISTER REPORT

Wages and Benefits				Deductions and Taxes			Employer Part		
Code	Description	Hours	Amount	Code	Description	Amount	Code	Description	Amount
							MDCL	MDCI	40.00
Check Total									40.00
Employee Total									40.00

Employee: PYUS-SAL-1001- John Bradshaw **Union:** **Trade: 6510 Carpenter**

Check No: 3515 **User Check No:** **Check Amount: 188.08** **Check Date: 02092018**

Net Pay: 188.08

NWHR	Normal Hours	40	774.04	FSA	FSA	-225.00	FSA	FSA	335.00
				HLEE	HLEE	-30.00	HLEE	HLEE	70.00
				HLEF	HLEF	-65.00	HLEF	HLEF	175.00
				HLES	HLES	-45.00	HLES	HLES	85.00
				CITY	City Tax (Bunker's House)	-23.24	NYMC	NYMC (NY Bronx 01)	2.63
				CITY	City Tax (QUEENS)	-23.24	SSER	SS Employer (*ALL)	47.99
				SDEE	SDEE3625 (**NY)	-0.60	ZME1	Medicare ER (*ALL)	11.23
				SSEE	SS Employee (*ALL)	-47.99	8810	8810	11.61
				ZFED	Fed WH Tax (*ALL)	-80.68			
				ZMD2	Medicare EE (*ALL)	-11.23			
				ZSTA	State WH Tax (**NY)	-33.98			
Check Total		40	774.04			-585.96			738.46
Employee Total		40	774.04			-585.96			738.46

Employee ID	Employee Name		Period Ending	Check No.
PYUS-SAL-1001-	John Bradshaw		09-02-2018	3515

Net Pay Calculation	Current	YTD
Gross Pay	774.04	17,802.92
Bonus	0.00	0.00
Other Earnings & Reimbursements	0.00	0.00
Taxes And Deductions	585.96	12,955.70
Check Amount	188.08	3,809.87

Earnings Summary	Rate	Hours Current	Hours YTD	Earnings Current	Earnings YTD
Regular Wages	19.35	40	904	774.04	17,493.30
MVAC		0	16	0.00	309.62

Other Earnings & Reimb.	Taxable	Current		YTD
Leave As Of 07-OCT-18	C.Frwd	Accrued	Used	Balance
MVAC		45.27	16	29.27

Pre-Tax Deductions		Current	YTD
Taxes Withheld		Current	YTD
SDEE3625 NY	NY	0.60	13.80
State WH Tax NY	NY	33.98	781.80
Fed WH Tax		80.68	1,875.47
Medicare EE		11.23	258.14
SS Employee		47.99	1,103.78
City Tax 330812010		23.24	535.87
City Tax HOWE		23.24	371.84
After Tax Deductions		Current	YTD
FSA		225.00	4,795.00
HLEE		30.00	690.00
HLEF		65.00	1,495.00
HLES		45.00	1,035.00

JP Morgan Chase
6262 Duncan Avenue
CA 92618

Employee ID	Date	Check No.
PYUS-SAL-10(	09-02-2018	3515

PAY **ONE HUNDRED EIGHTY-EIGHT DOLLARS 8/100** **$188.08**

PAY TO THE ORDER OF John Bradshaw
Astoria NY 11105

<0000003515< **:101000695:** **118899001<**

Employee ID	Employee Name		Period Ending	Check No.
PYUS00000000000	Abbey Donavan		09-02-2018	3518

Net Pay Calculation	Current	YTD
Gross Pay	1,317.31	17,125.03
Bonus	0.00	0.00
Other Earnings & Reimbursements	0.00	0.00
Taxes And Deductions	344.96	4,484.55
Check Amount	972.35	9,723.46

Earnings Summary	Rate	Hours Current	Hours YTD	Earnings Current	Earnings YTD
Regular Wages	32.93	40	520	1,317.31	17,125.03

Other Earnings & Reimb.	Taxable	Current	YTD
Leave As Of 07-OCT-18	C.Frwd	Accrued / Used	Balance
MVAC		16.94	16.94

Pre-Tax Deductions		Current	YTD
Taxes Withheld		**Current**	**YTD**
SDEE3625 CA	CA	13.17	171.21
State WH Tax CA	CA	34.95	454.35
Fed WH Tax		196.07	2,548.91
Medicare EE		19.09	248.33
SS Employee		81.68	1,061.75
After Tax Deductions		**Current**	**YTD**

JP Morgan Chase
6262 Duncan Avenue
CA 92618

Employee ID	Date	Check No.
PYUS0000000(	09-02-2018	3518

PAY **NINE HUNDRED SEVENTY-TWO DOLLARS 35/100** **$972.35**

PAY TO THE ORDER OF Abbey Donavan
CA 91941

<0000003518< **:101000695:** **118899001<**

Payroll Tax Data Log (18.62095)

CMiC has developed a payroll tax data log that will display the following details in one single row per employee per tax code (left to right).

1. Tax Code

2. Employee Details

3. Month by Month Tax amount by the employee

4. Month by Month Taxable Amount of the employee

5. Quarter Tax amount amount by the employee

6. Quarter Taxable amount of the employee

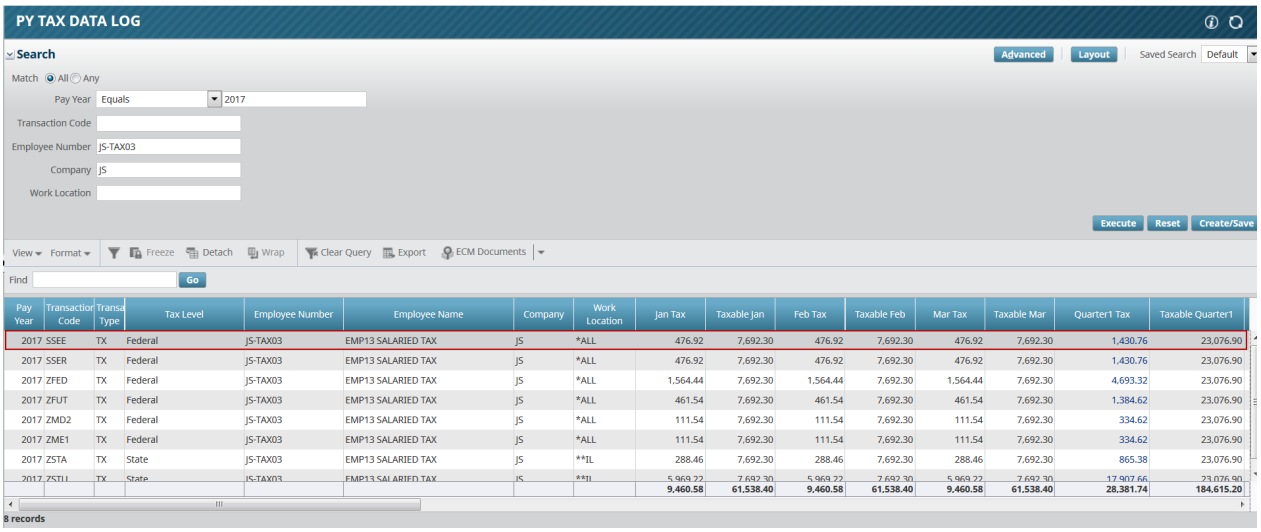
7. Year tax amount by the employee

8. Year taxable amount of the employee

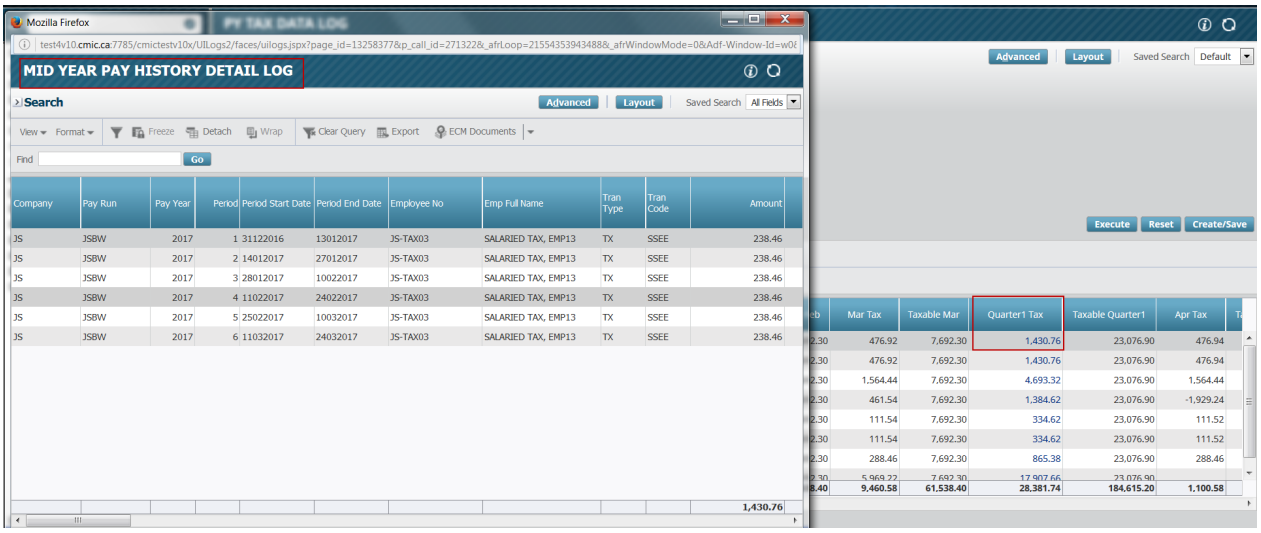
When clicked on the quarter tax amount, it opens ALL the tax transactions from the payroll employee pay history for that employee, that tax code in that company for that quarter.

NOTE: The Search criteria is saved not the results in the detail block. The Search field properties are case sensitive. User should ensure to enter in upper case.

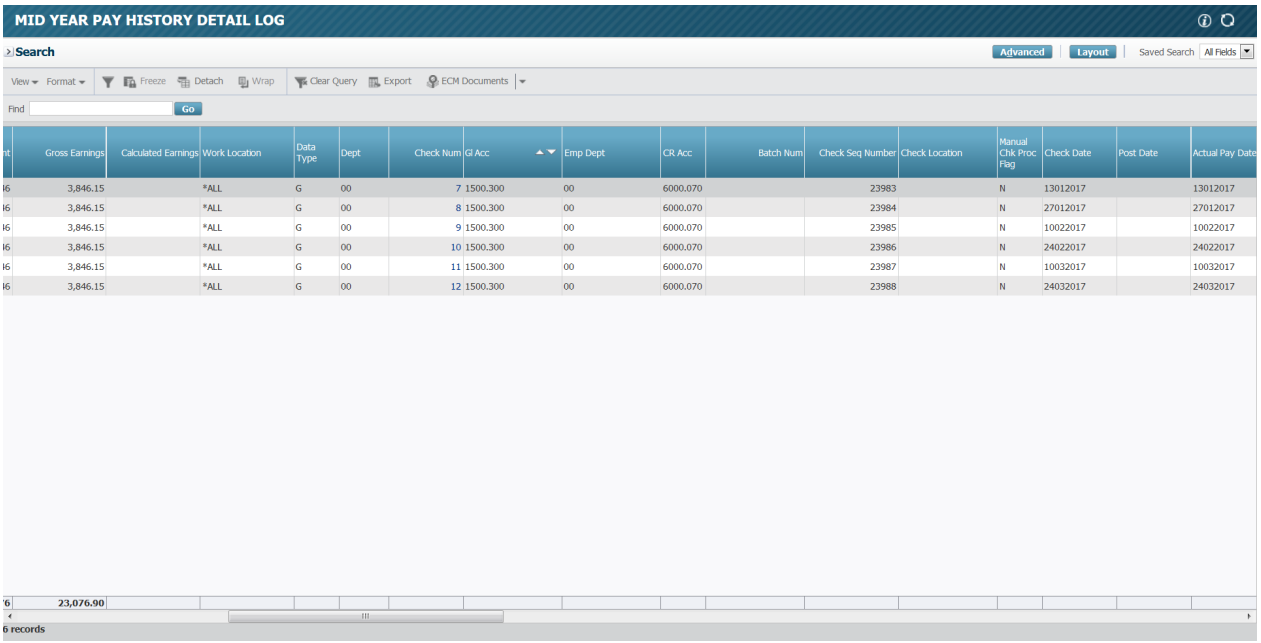
Run the Tax Data Log for an employee for a year to calculate all different taxes and compare/match the results with Mid-year pay History Setup tax information.



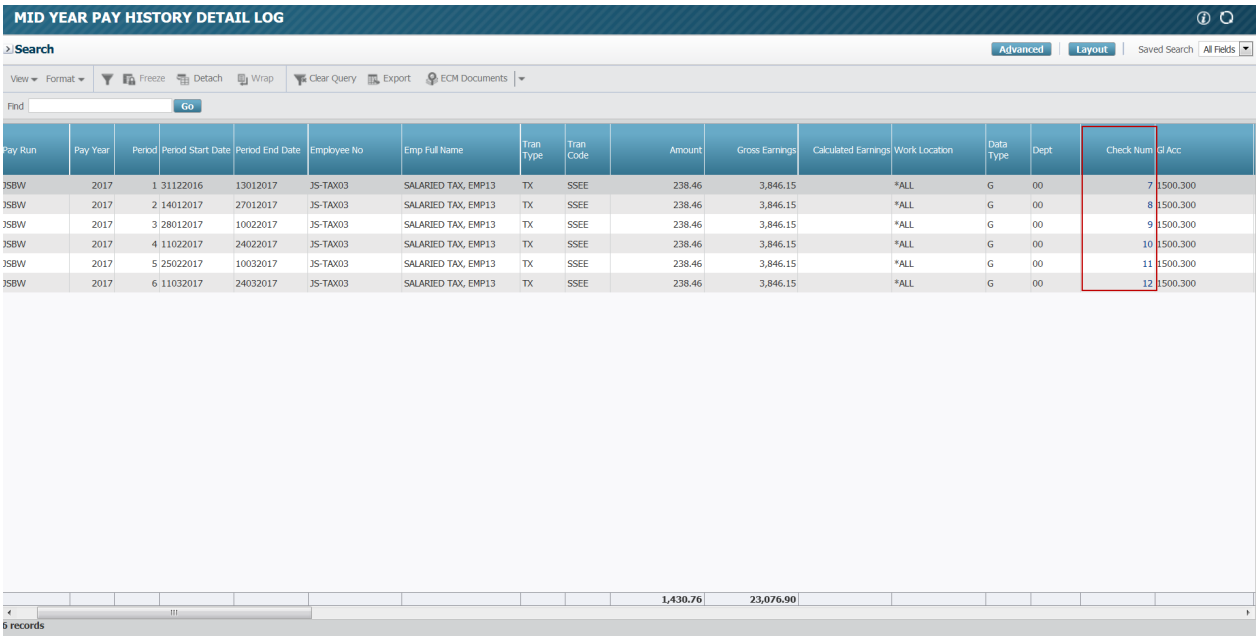
Upon clicking the Quarter1 Tax amount, a new window opened displaying all 6 transactions for the selected Transaction Code, each corresponding to a different period within the quarter:



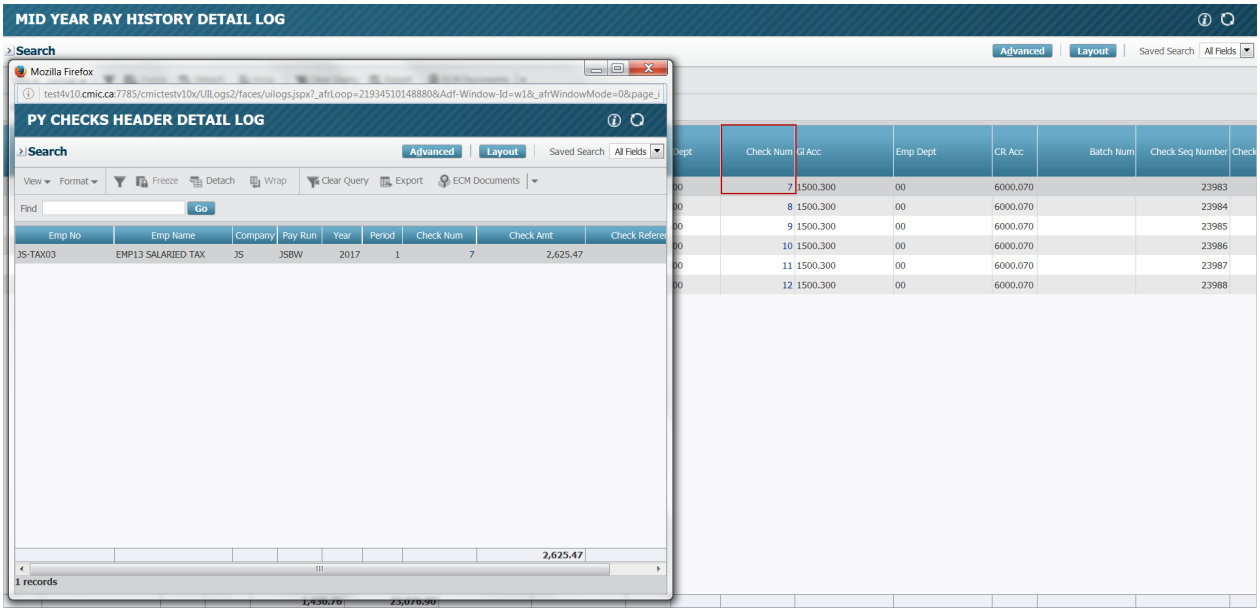
6 transactions, each corresponding to a different period within the quarter showed up. The amount for each transaction is $238.46 which matches the SSEE amount displayed in Mid year Pay History Setup:



The pop-up window shows all 6 transactions for the corresponding Transaction Code for the 6 periods within that quarter along with the corresponding cheque numbers:



When cicking on Check Number, the Cheque number the Py Checks Header Detail Log pop up window is launched displaying the details of the check.

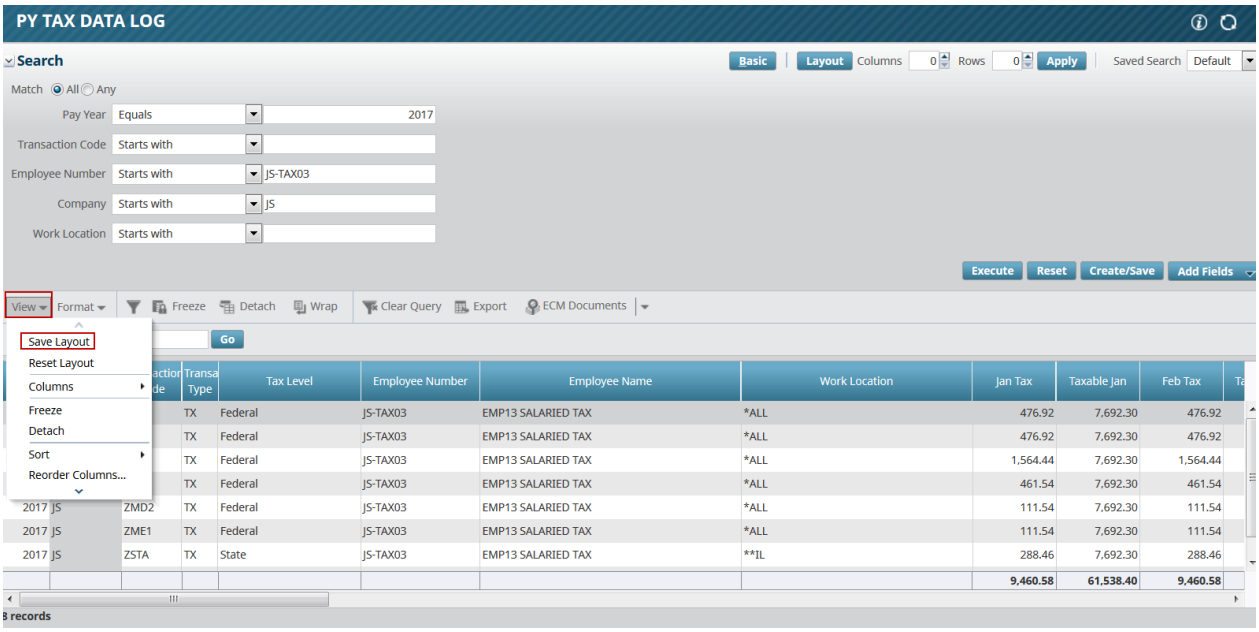


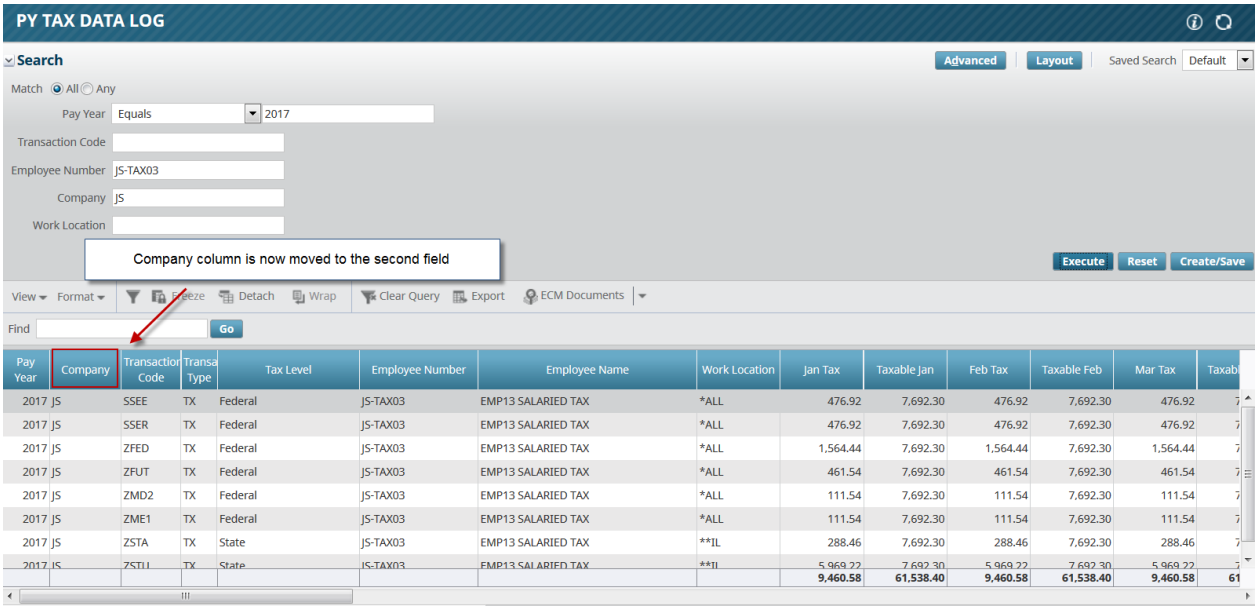
Search Criteria & Navigation:

Users can create/save their personalize search criteria (template). Users can move and group field columns and create their personalized detail block layout and template. Users can Personalize their saved searches under Settings. Ability to delete and/or set a saved search as their default settings.

Users can add and remove fields; adding fields – [Advanced] button

Saving Layout in the detail block.





Copy Union Pay Rates – ‘Copy From’ and ‘To Job’ (17.44698)

The Existing Union Pay Rates ‘Copy From’ functionality is modified to allow users with an option to select Copy ‘To Job’. Currently system only allows to enter a 'To Company' to copy data from one company to another company, but now system will also allow to select the 'To Job' to copy from one Job to another Job with Non-Factor Rates, if any.

User should to select a specific job (as From Job) on the main screen (header block), it should not be selected as '*' Job.

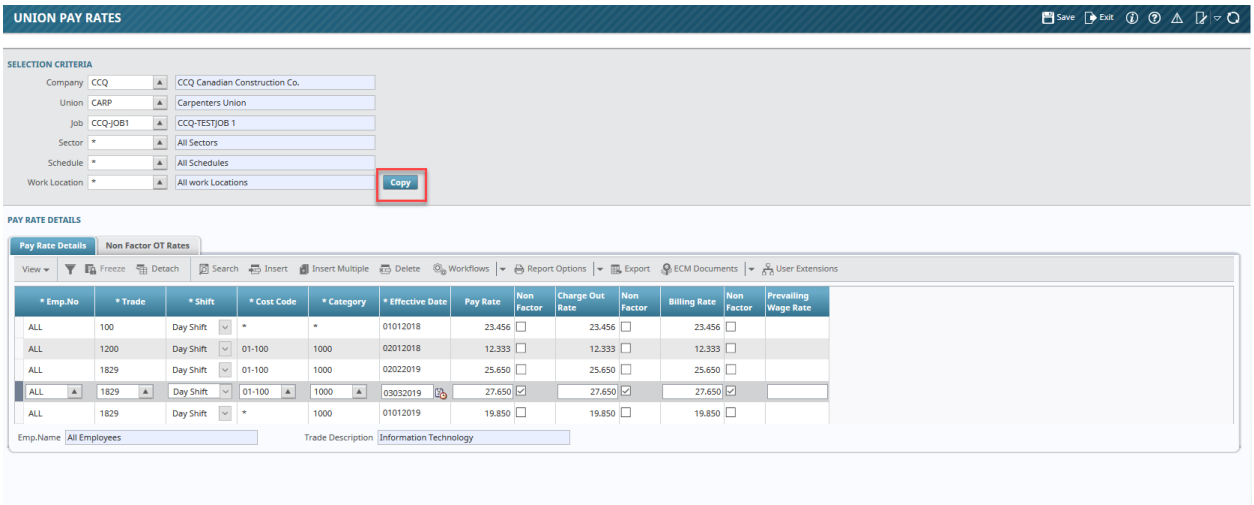
In the same way User will have to provide a VALID and specific 'To Job' value, entering 'To Job' value as '*' will not be allowed.

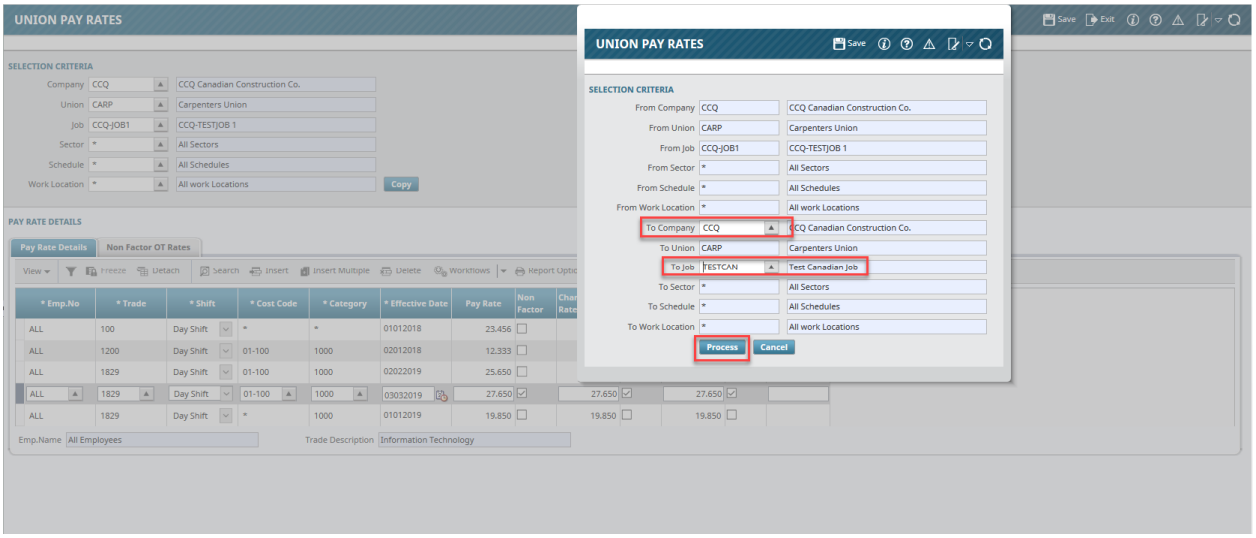
If 'From Job' has data entered against ALL Cost codes (*) and ALL Categories (*), then system will copy data to ALL cost codes and ALL categories of the 'To Job'.

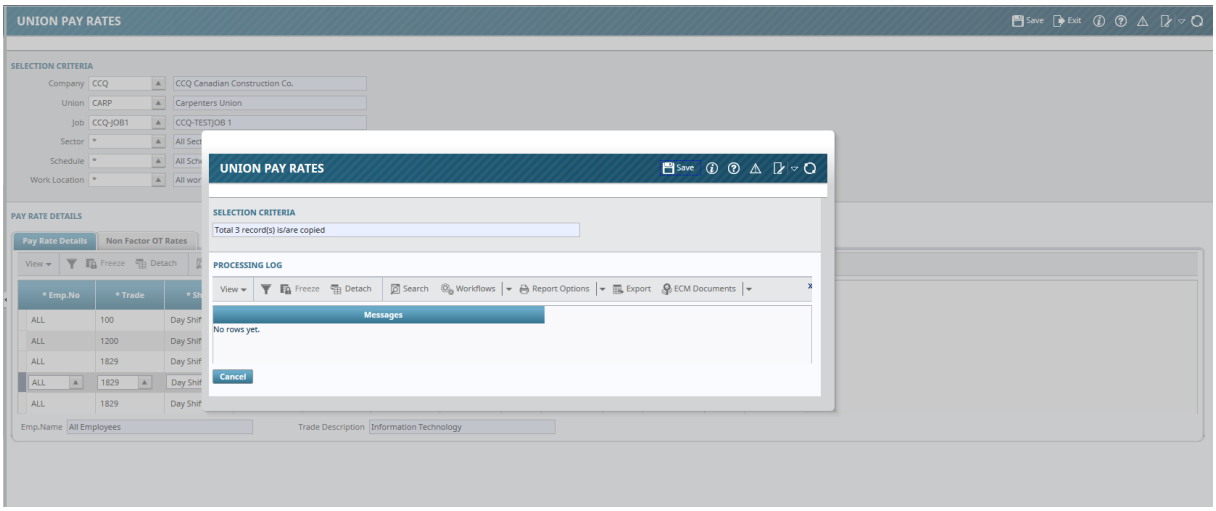
If 'From Job' has data entered against Specific Cost codes and ALL Categories (*), then system will copy data to Specific cost codes and ALL categories of the 'To Job' (if matching data found).

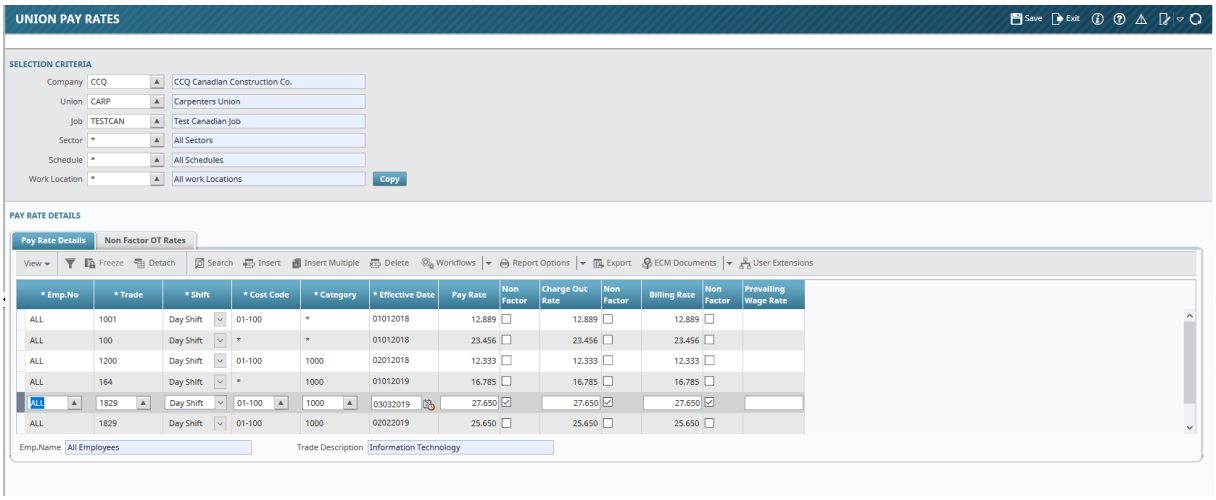
If 'From Job' has data entered against Specific Cost codes and Specific Categories, then system will copy data to Specific cost codes and Specific categories of the 'To Job' (if matching data found).

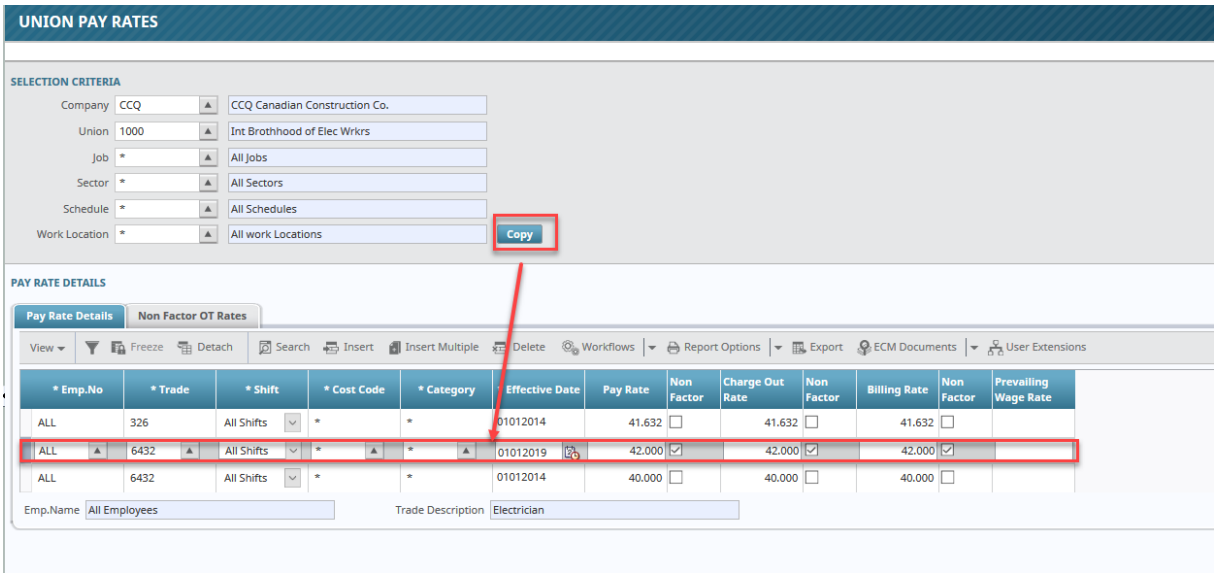
All the existing setup against the 'From Job' (such as Employee, Trade, Shift..... columns) available in the detail block will be copied to selected 'To Job'.

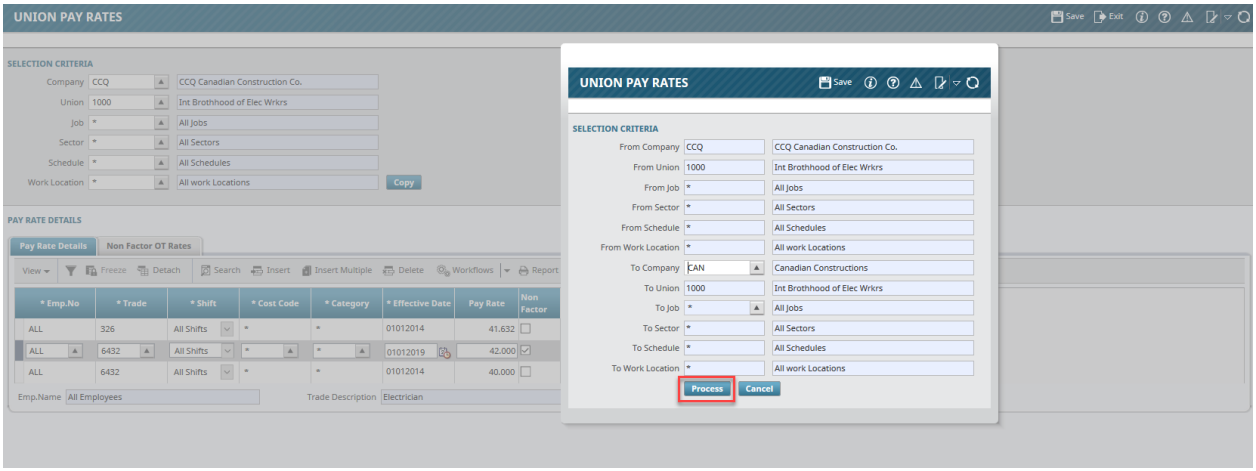


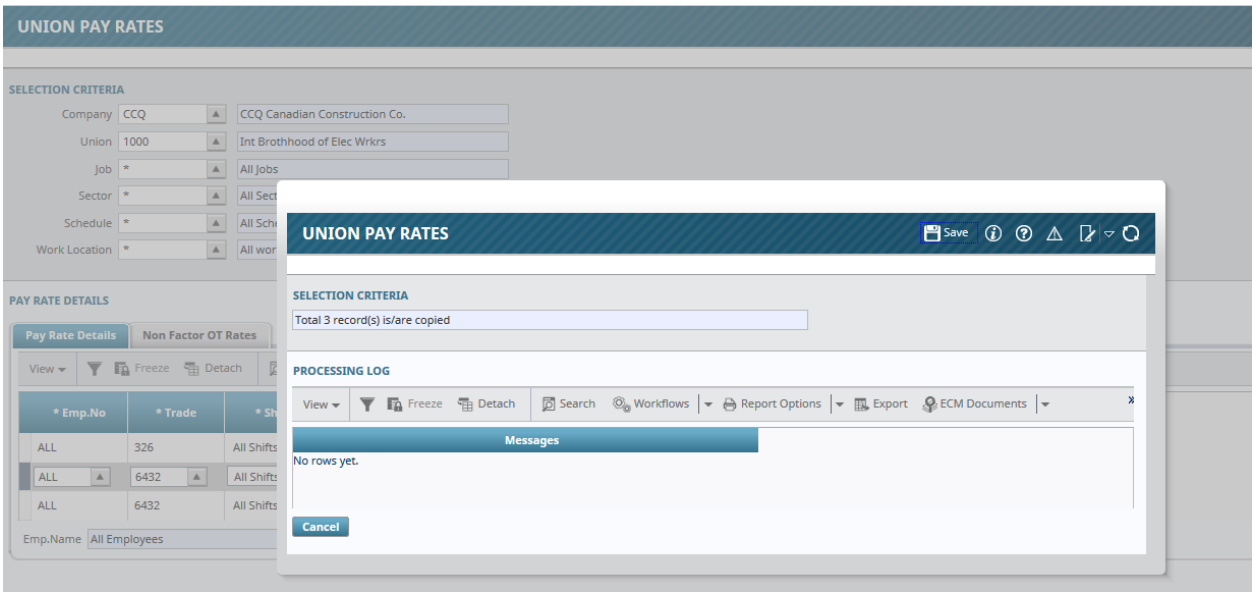


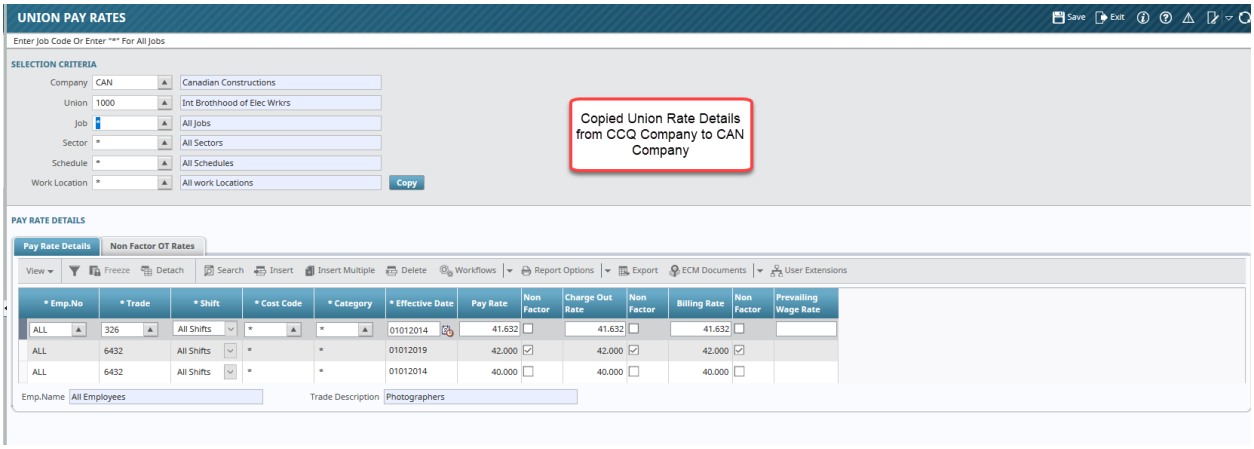

UNION PAY RATES
Save
Exit
SELECTION CRITERIA
Company CCQ CCQ Canadian Construction Co.
Union CARP Carpenters Union
Job CCQ-JOB1 CCQ-TESTJOB 1
Sector *
Schedule *
Work Location *
PAY RATE DETAILS
Pay Rate Details
Non Factor OT Rates
View
Freeze
Detach
* Emp.No
* Trade
ALL 100
ALL 1200
ALL 1829
ALL 1829
ALL 1829
Emp.Name All Employees
Trade Description Information Technology
UNION PAY RATES
Save
SELECTION CRITERIA
Total 3 record(s) is/are copied
PROCESSING LOG
View
Freeze
Detach
Search
Workflows
Report Options
Export
ECM Documents
Messages
No rows yet.
Cancel


UNION PAY RATES
Save
Exit
SELECTION CRITERIA
Company CCQ CCQ Canadian Construction Co.
Union CARP Carpenters Union
Job TESTCAN Test Canadian Job
Sector * All Sectors
Schedule * All Schedules
Work Location * All work Locations
Copy
PAY RATE DETAILS
Pay Rate Details
Non Factor OT Rates
View
Freeze
Detach
Search
Insert
Insert Multiple
Delete
Workflows
Report Options
Export
ECM Documents
User Extensions
* Emp.No
* Trade
* Shift
* Cost Code
* Category
* Effective Date
Pay Rate
Non Factor
Charge Out Rate
Non Factor
Billing Rate
Non Factor
Prevailing Wage Rate
ALL 1001 Day Shift 01-100 * 01012018 12.889 12.889 12.889
ALL 100 Day Shift * * 01012018 23.456 23.456 23.456
ALL 1200 Day Shift 01-100 1000 02012018 12.333 12.333 12.333
ALL 164 Day Shift * 1000 01012019 16.785 16.785 16.785
ALL 1829 Day Shift 01-100 1000 03032019 27.650 27.650 27.650
ALL 1829 Day Shift 01-100 1000 02022019 25.650 25.650 25.650
Emp.Name All Employees
Trade Description Information Technology


UNION PAY RATES
SELECTION CRITERIA
Company CCQ CCQ Canadian Construction Co.
Union 1000 Int Brothhood of Elec Wrkrs
Job * All Jobs
Sector * All Sectors
Schedule * All Schedules
Work Location * All work Locations
Copy
PAY RATE DETAILS
Pay Rate Details
Non Factor OT Rates
View
Freeze
Detach
Search
Insert
Insert Multiple
Delete
Workflows
Report Options
Export
ECM Documents
User Extensions
* Emp.No
* Trade
* Shift
* Cost Code
* Category
Effective Date
Pay Rate
Non Factor
Charge Out Rate
Non Factor
Billing Rate
Non Factor
Prevailing Wage Rate
ALL 326 All Shifts * * 01012014 41.632 41.632 41.632
ALL 6432 All Shifts * * 01012019 42.000 42.000 42.000
ALL 6432 All Shifts * * 01012014 40.000 40.000 40.000
Emp.Name All Employees
Trade Description Electrician


UNION PAY RATES
Save
Exit
SELECTION CRITERIA
Company CCQ CCQ Canadian Construction Co.
Union 1000 Int Brothhood of Elec Wrkrs
Job * All Jobs
Sector * All Sectors
Schedule * All Schedules
Work Location * All work Locations
Copy
PAY RATE DETAILS
Pay Rate Details
Non Factor OT Rates
UNION PAY RATES
Save
SELECTION CRITERIA
From Company CCQ CCQ Canadian Construction Co.
From Union 1000 Int Brothhood of Elec Wrkrs
From Job * All Jobs
From Sector * All Sectors
From Schedule * All Schedules
From Work Location * All work Locations
To Company CAN Canadian Constructions
To Union 1000 Int Brothhood of Elec Wrkrs
To Job * All Jobs
To Sector * All Sectors
To Schedule * All Schedules
To Work Location * All work Locations
Process
Cancel

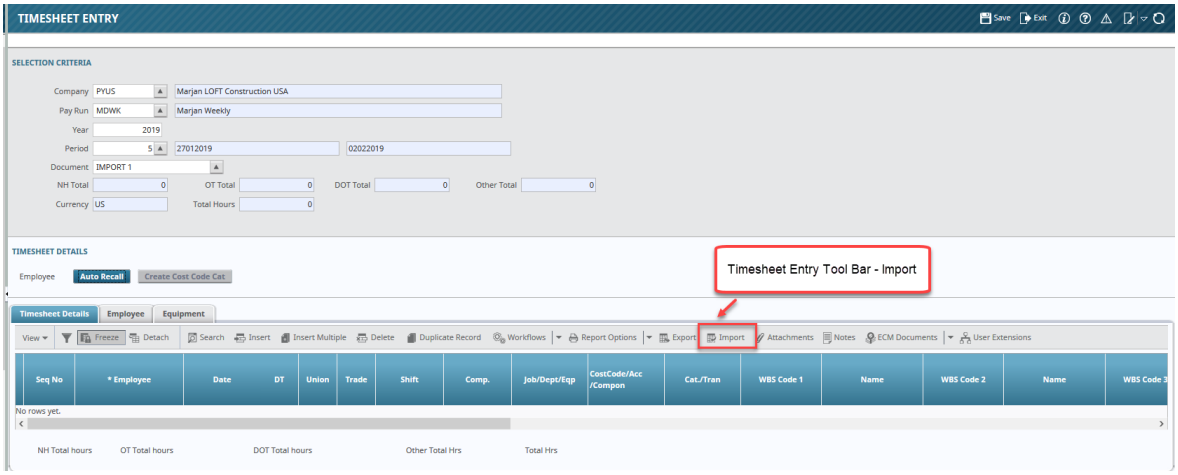


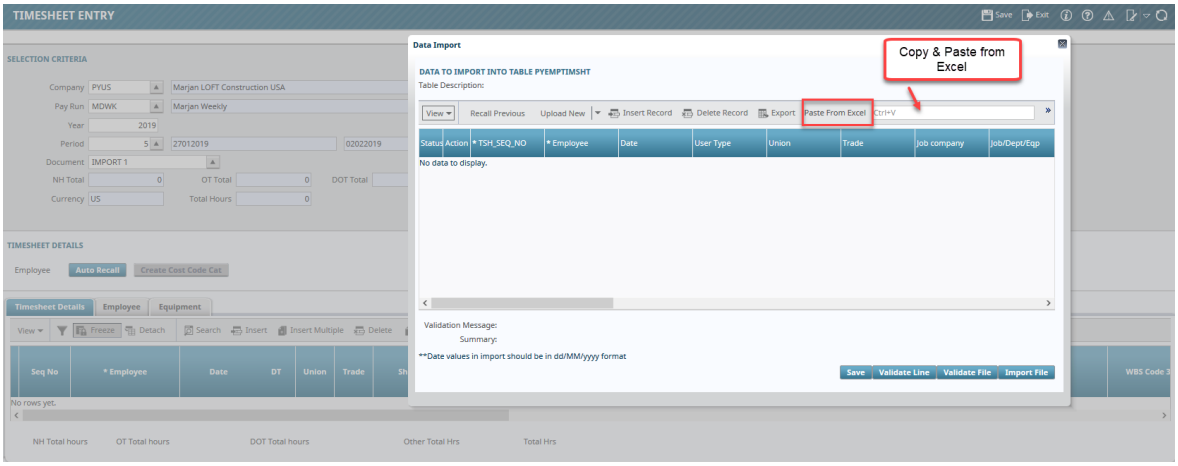


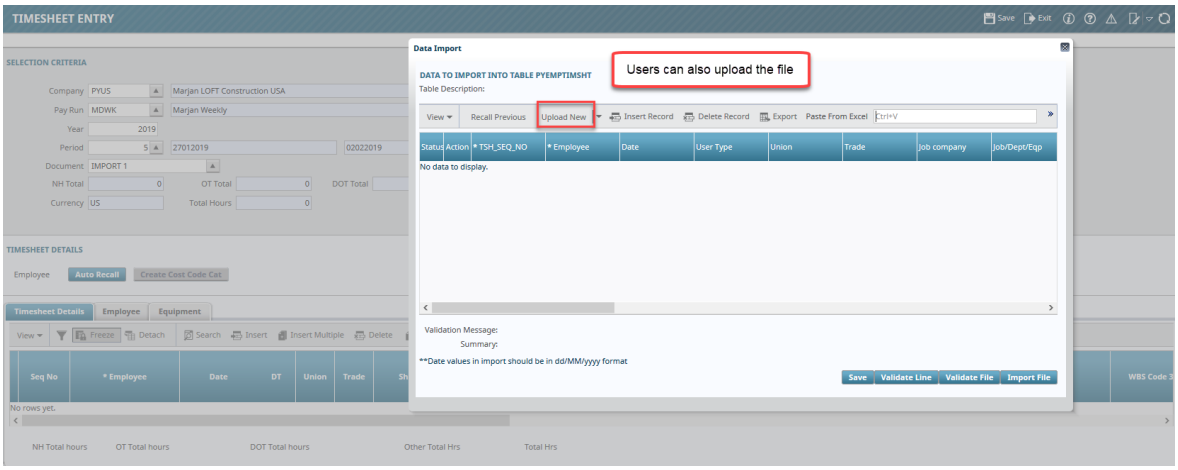
Timesheet Entry Tool Bar – Import Feature (18.57489)

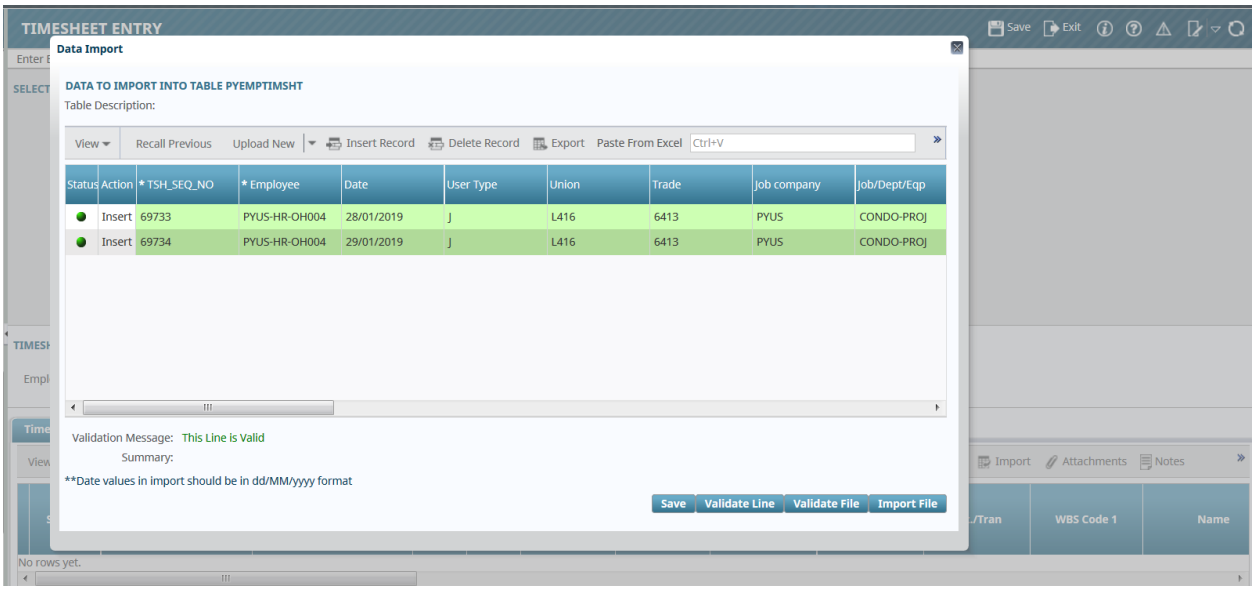
CMiC has added 'Import' feature to the Timesheet Entry screen tool bar ribbon, allowing users to import timesheet on the timesheet entry screen.

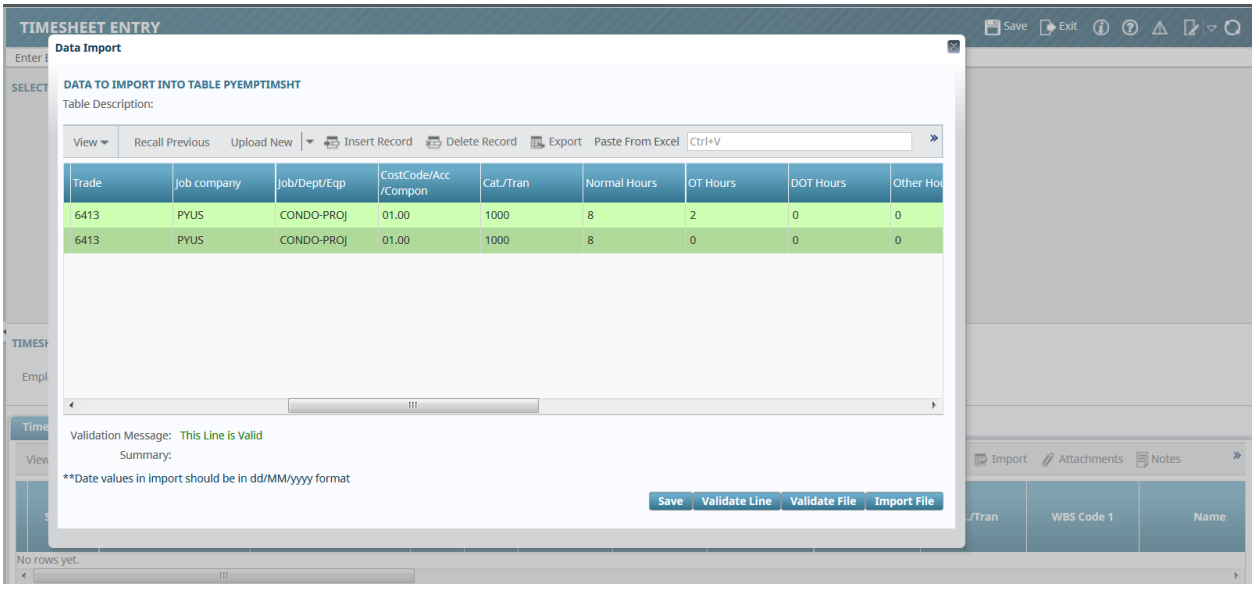
Timesheet Tool Bar – Import feature

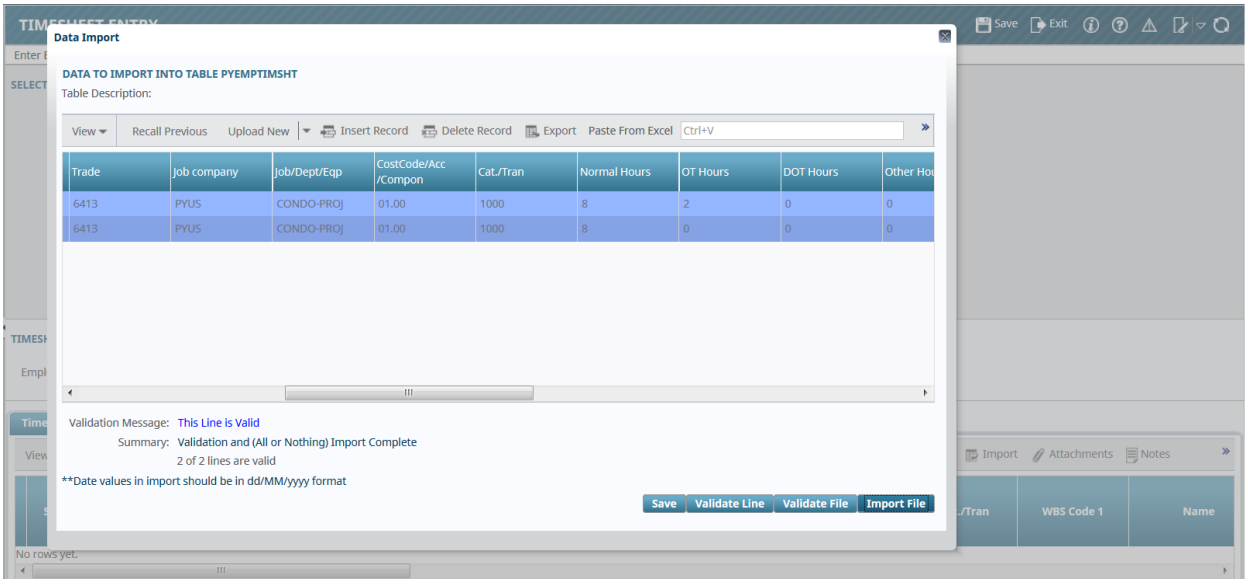

TIMESHEET ENTRY
Timesheet Entry Tool Bar - Import
Import


TIMESHEET ENTRY
Data Import
Copy & Paste from Excel
Paste From Excel

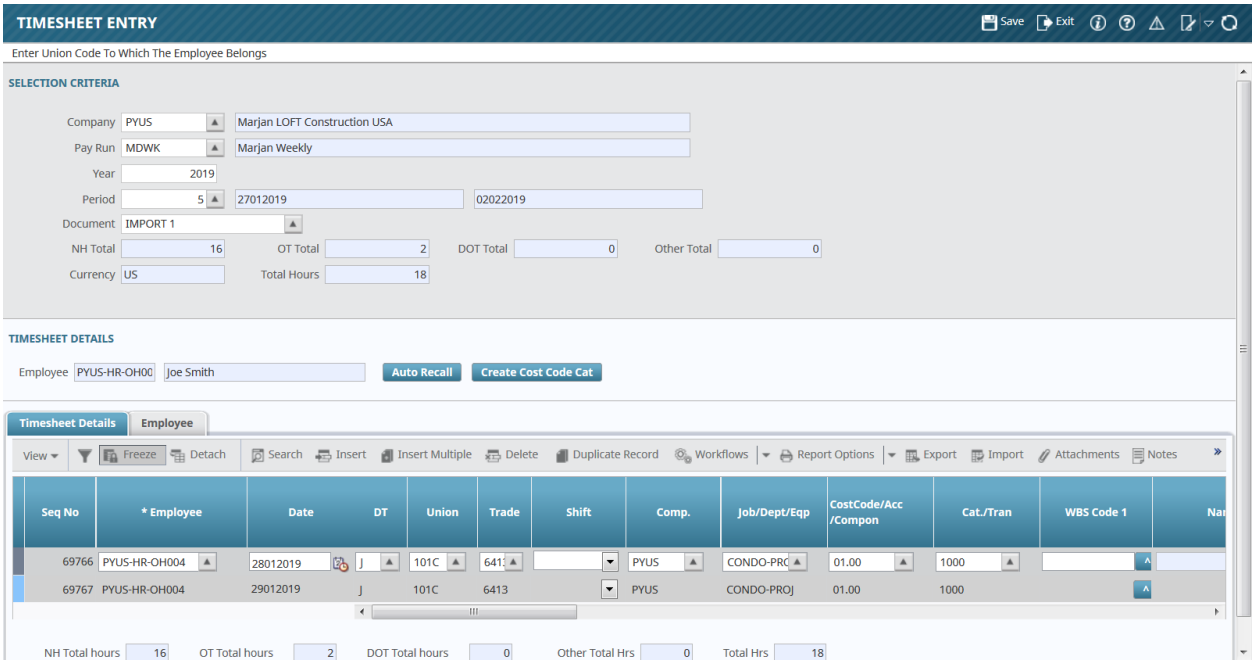

TIMESHEET ENTRY
Data Import
Users can also upload the file
Upload New


TIMESHEET ENTRY
Save
Exit
Data Import
DATA TO IMPORT INTO TABLE PYEMPTIMSHT
Table Description:
View
Recall Previous
Upload New
Insert Record
Delete Record
Export
Paste From Excel
Ctrl+V
Status
Action
* TSH_SEQ_NO
* Employee
Date
User Type
Union
Trade
Job company
Job/Dept/Eqp
Insert
69733
PYUS-HR-OH004
28/01/2019
J
L416
6413
PYUS
CONDO-PROJ
Insert
69734
PYUS-HR-OH004
29/01/2019
J
L416
6413
PYUS
CONDO-PROJ
Validation Message:
This Line is Valid
Summary:
**Date values in import should be in dd/MM/yyyy format
Save
Validate Line
Validate File
Import File
Import
Attachments
Notes
WBS Code 1
Name
No rows yet.


TIMESHEET ENTRY
Save
Exit
Data Import
DATA TO IMPORT INTO TABLE PYEMPTIMSHT
Table Description:
View
Recall Previous
Upload New
Insert Record
Delete Record
Export
Paste From Excel
Ctrl+V
Trade
Job company
Job/Dept/Eqp
CostCode/Acc /Compon
Cat./Tran
Normal Hours
OT Hours
DOT Hours
Other Hou
6413
PYUS
CONDO-PROJ
01.00
1000
8
2
0
0
6413
PYUS
CONDO-PROJ
01.00
1000
8
0
0
0
Validation Message:
This Line is Valid
Summary:
**Date values in import should be in dd/MM/yyyy format
Save
Validate Line
Validate File
Import File
Import
Attachments
Notes
WBS Code 1
Name
No rows yet.



Once the file is validated and imported in Timesheet Table, the employee records are inserted in the timesheet.



Import Programs from ASCII & Oracle Enhancement (19.70941)

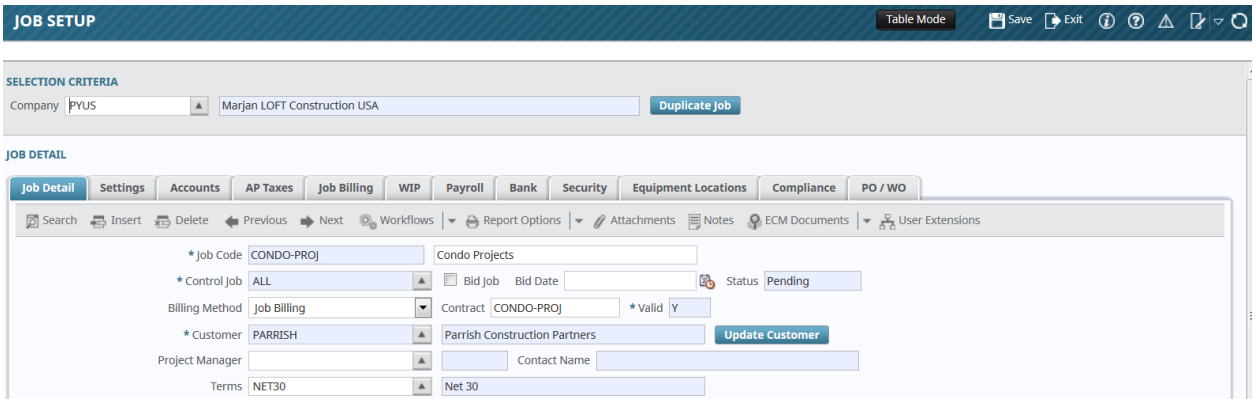
CMiC has enhanced the Import Progams under utiltites to accommodate Job Union Location during import process. Timesheet Import will change the Union Code of a Job-related time to the Job Union Location Code, if Setup. The modification of import program will allow the superseding employee's default union code with a union representing the location of the Job where employee is working – if setup, otherwise, the employee's default union is imported. The rates calculation will also follow based on the newly calculated union code.

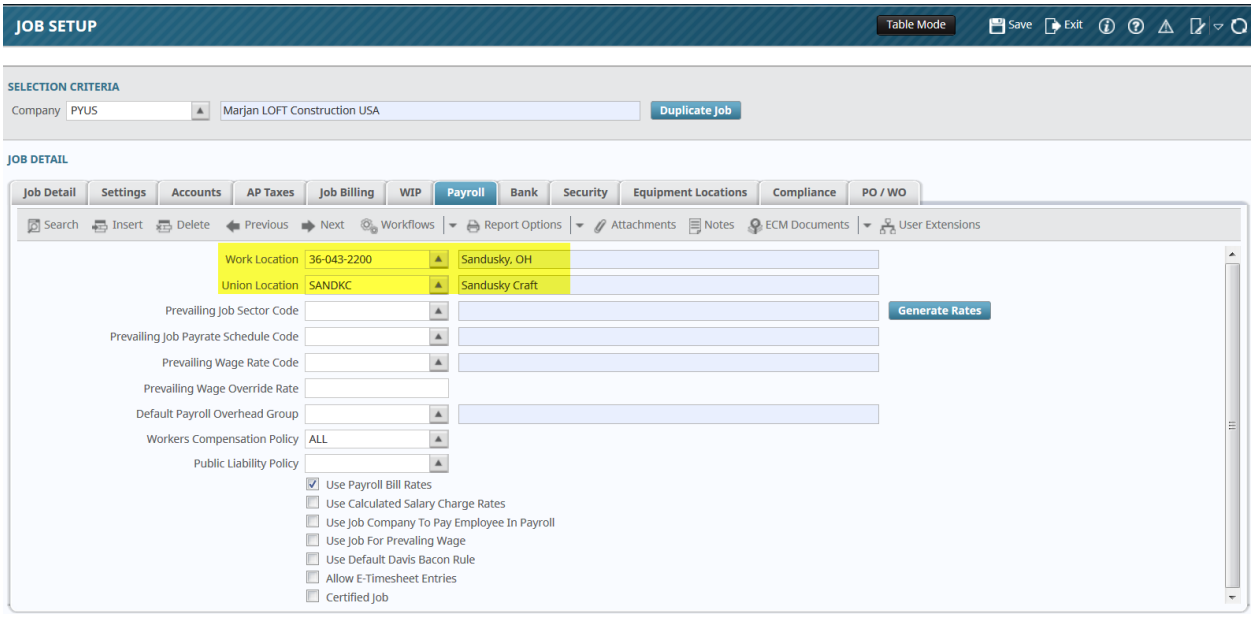
Notes:(1) The above feature (superseding of the union code) occurs only at the moment of Import. After Importing, when there are errors, user will have a chance to edit the data. If user edits any column affecting the Rates - such as the Job, the work location, trade, or union code - the above feature will not execute.

(2) The above feature is true in all 3 kinds of Imports - but not in the direct import using the tool bar 'Import' feature available in the Timesheet Entry Screen in ADF.

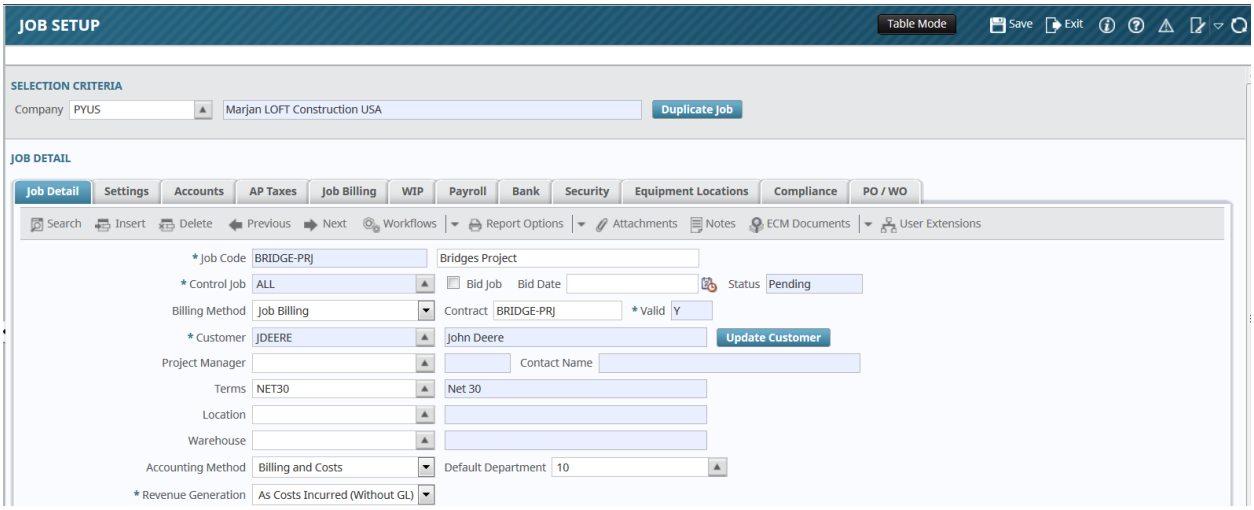
Data Setups:

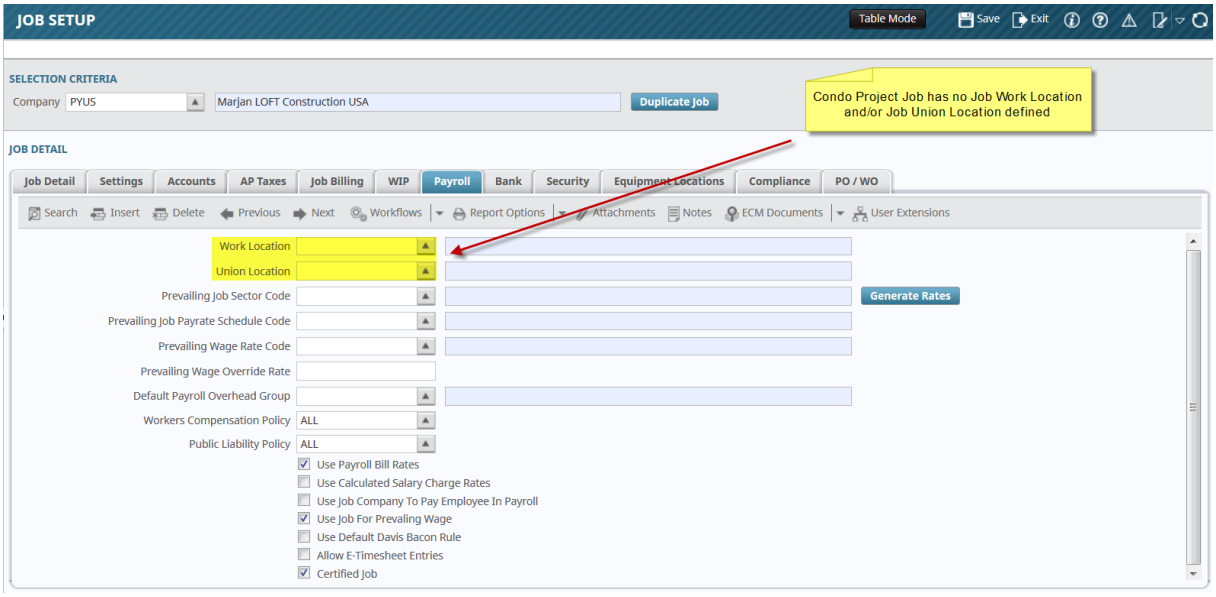
Condo Job has a Job Union Location. Bridge-PRJ does not have a Job union location code defined.
Condo Project job



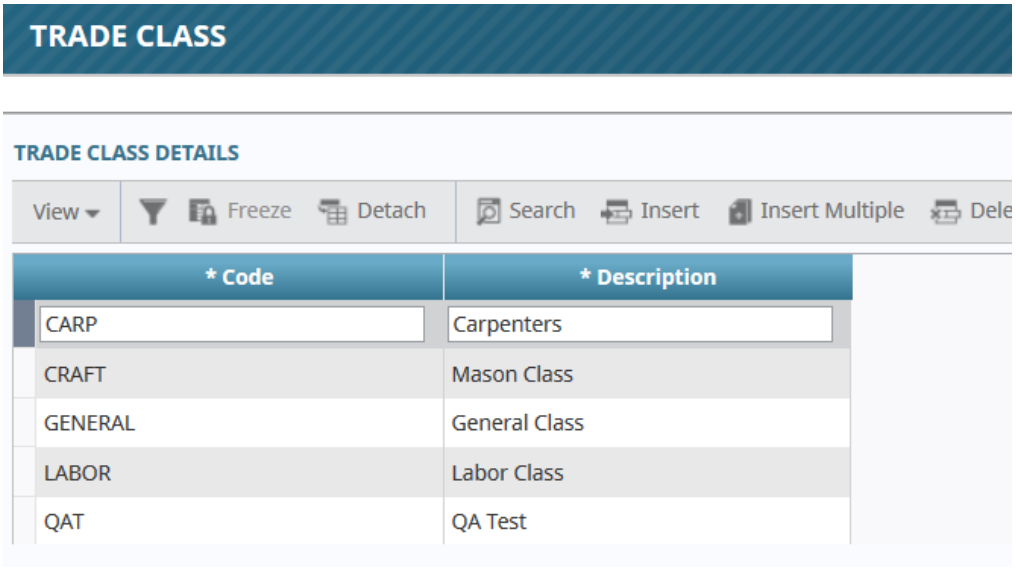


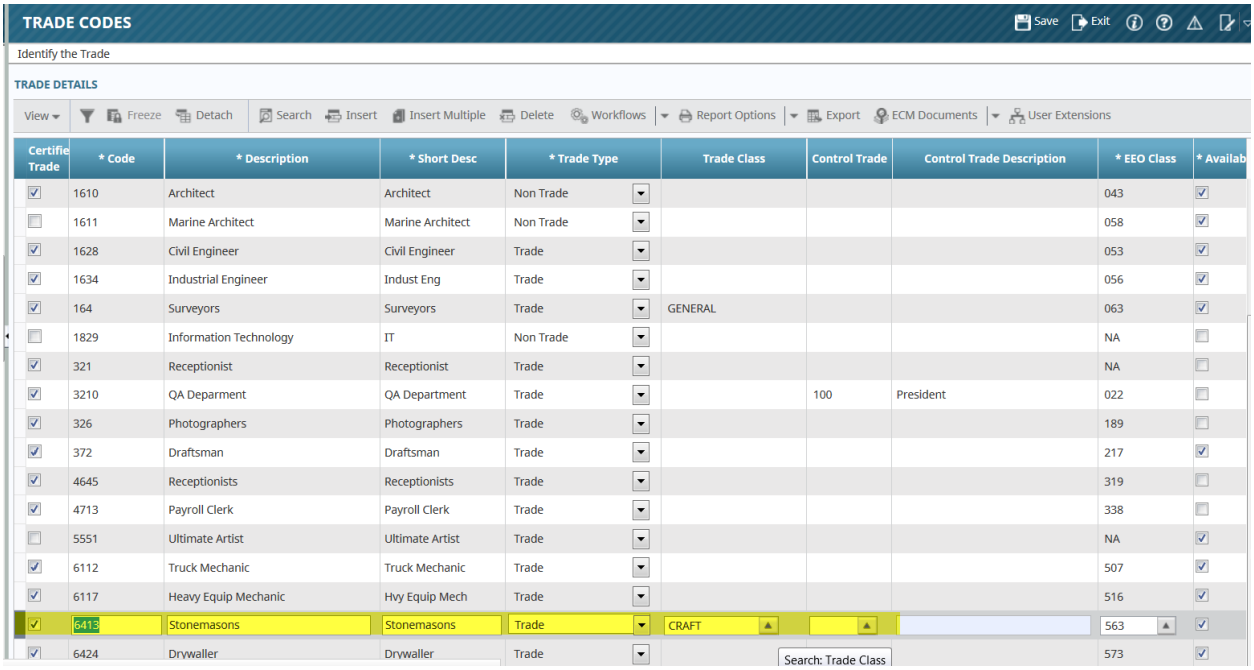
Bridge Project Job

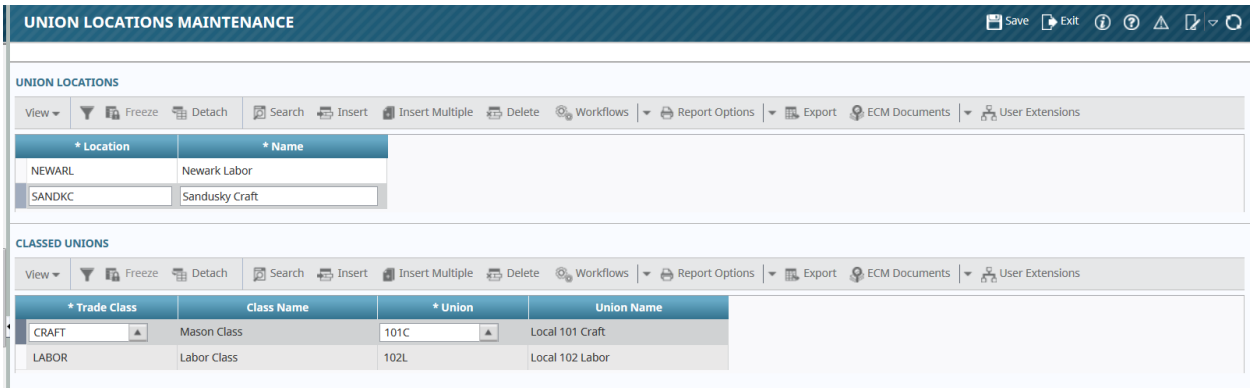




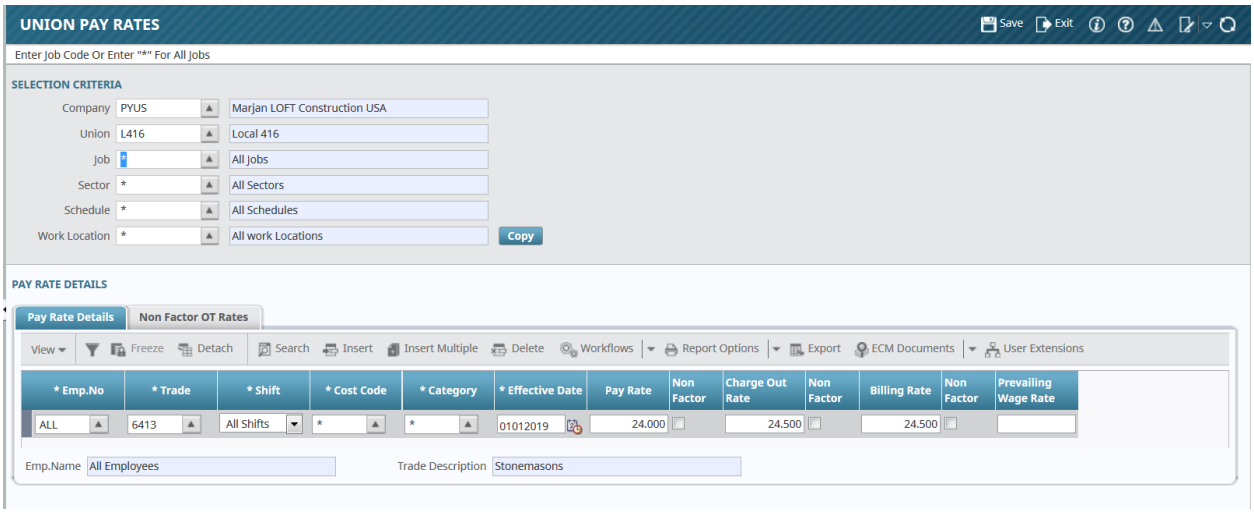
Trade and Trade Classes

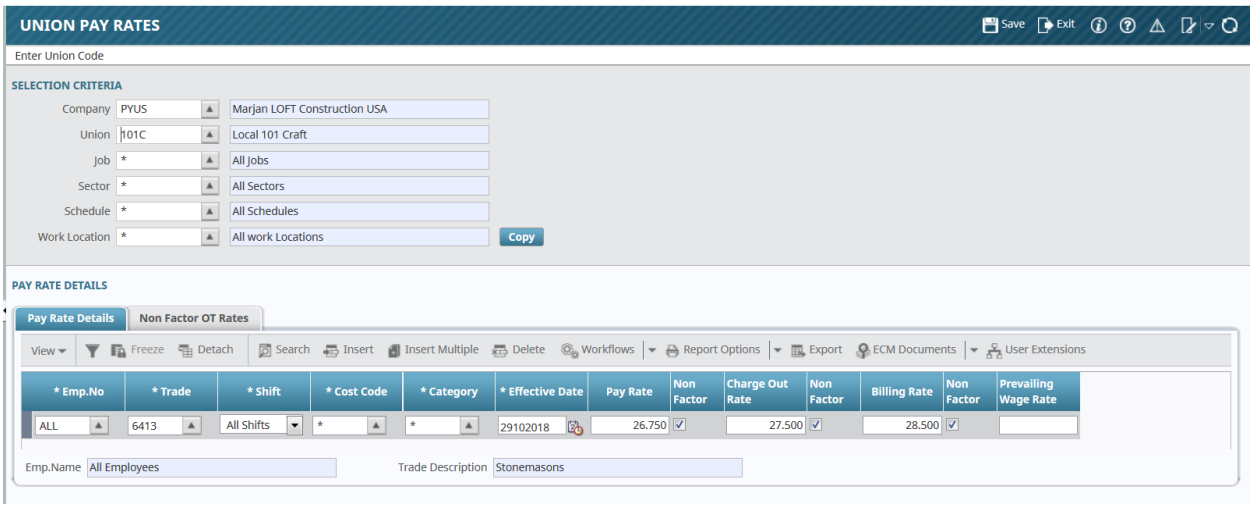


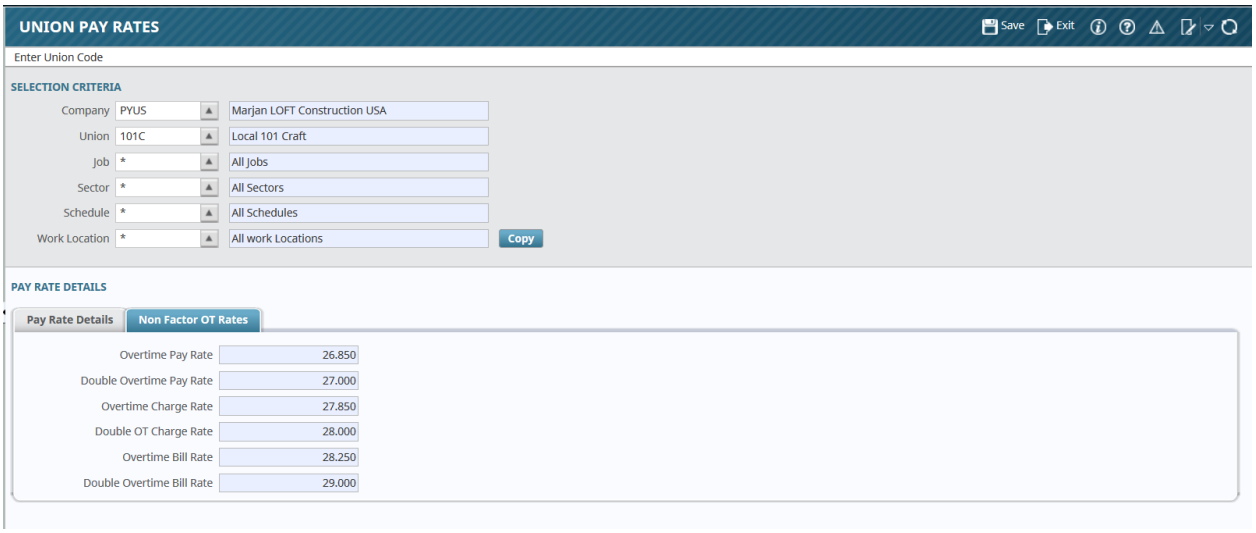




Unionized employee with Trade Class assigned to Union Location. The Union Location is defined on a Job as Job Union Location Code. Employee has multiple jobs for the period. Job with Union Code and Job without Union Code






UNION PAY RATES
Save
Exit
Enter Union Code
SELECTION CRITERIA
Company
PYUS
Marjan LOFT Construction USA
Union
101C
Local 101 Craft
Job
*
All Jobs
Sector
*
All Sectors
Schedule
*
All Schedules
Work Location
*
All work Locations
Copy
PAY RATE DETAILS
Pay Rate Details
Non Factor OT Rates
Overtime Pay Rate
26.850
Double Overtime Pay Rate
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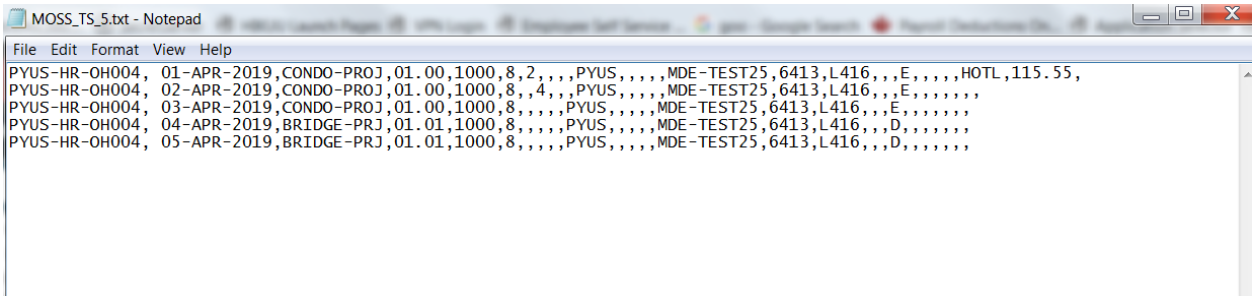
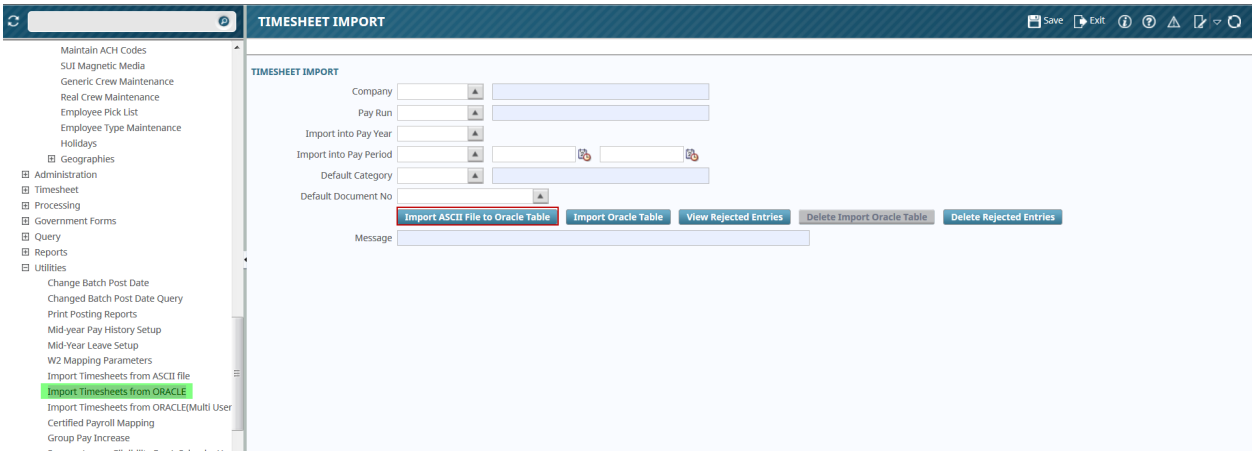
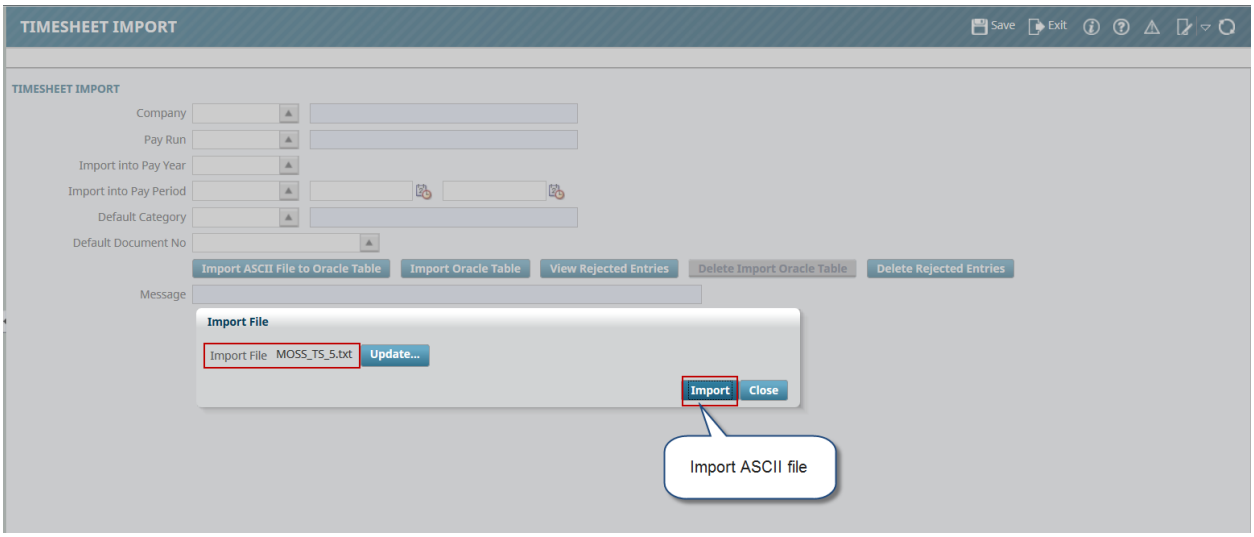
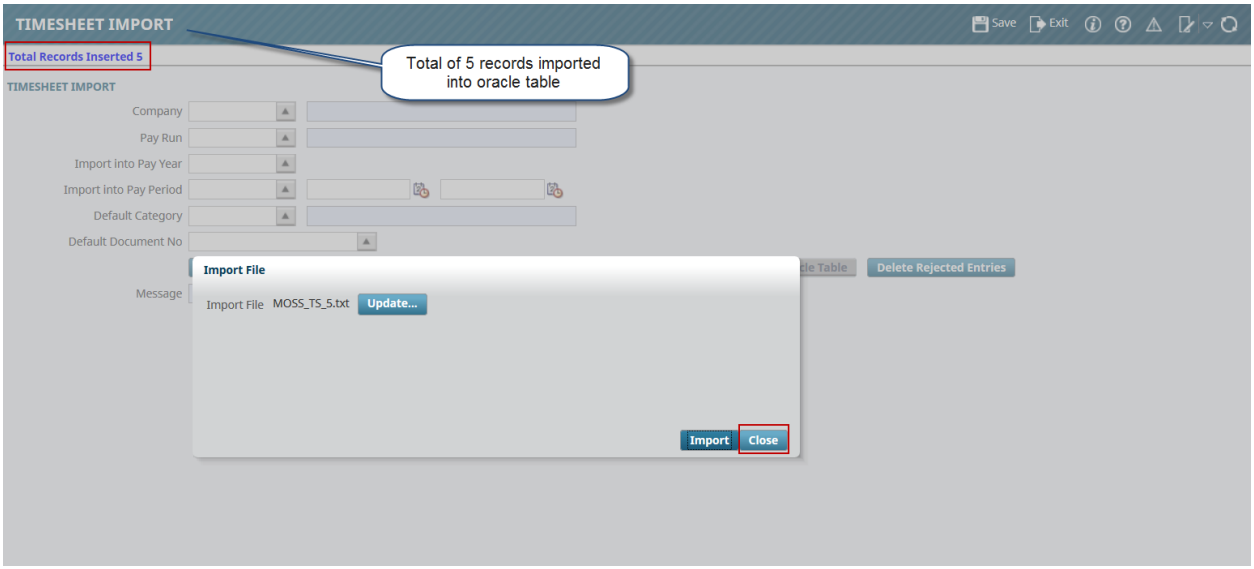
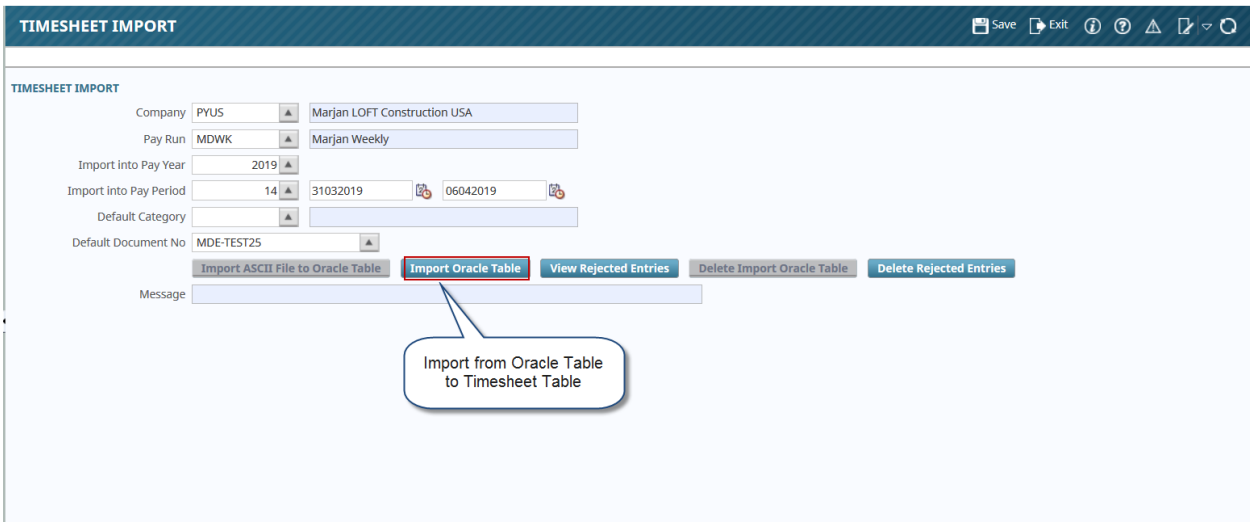
Overtime Bill Rate
28.250
Double Overtime Bill Rate
29.000

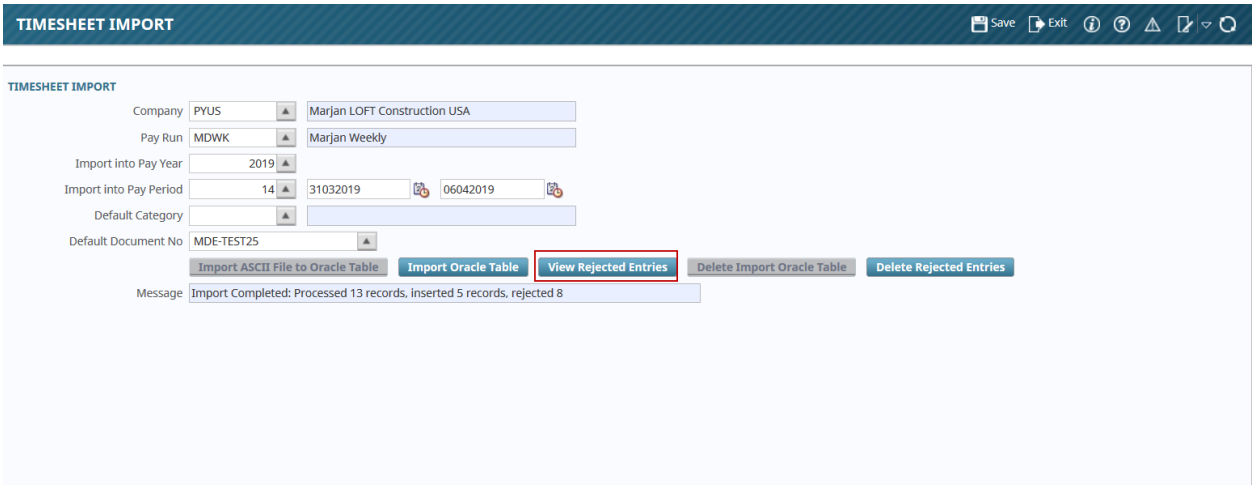

MOSS_TS_5.txt - Notepad
File Edit Format View Help
PYUS-HR-OH004, 01-APR-2019,CONDO-PROJ,01.00,1000,8,2,,,,PYUS,,,,,MDE-TEST25,6413,L416,,,E,,,,,HOTL,115.55,
PYUS-HR-OH004, 02-APR-2019,CONDO-PROJ,01.00,1000,8,,4,,,PYUS,,,,,MDE-TEST25,6413,L416,,,E,,,,,,,
PYUS-HR-OH004, 03-APR-2019,CONDO-PROJ,01.00,1000,8,,,,,PYUS,,,,,MDE-TEST25,6413,L416,,,E,,,,,,,
PYUS-HR-OH004, 04-APR-2019,BRIDGE-PRJ,01.01,1000,8,,,,,PYUS,,,,,MDE-TEST25,6413,L416,,,D,,,,,,,
PYUS-HR-OH004, 05-APR-2019,BRIDGE-PRJ,01.01,1000,8,,,,,PYUS,,,,,MDE-TEST25,6413,L416,,,D,,,,,,,

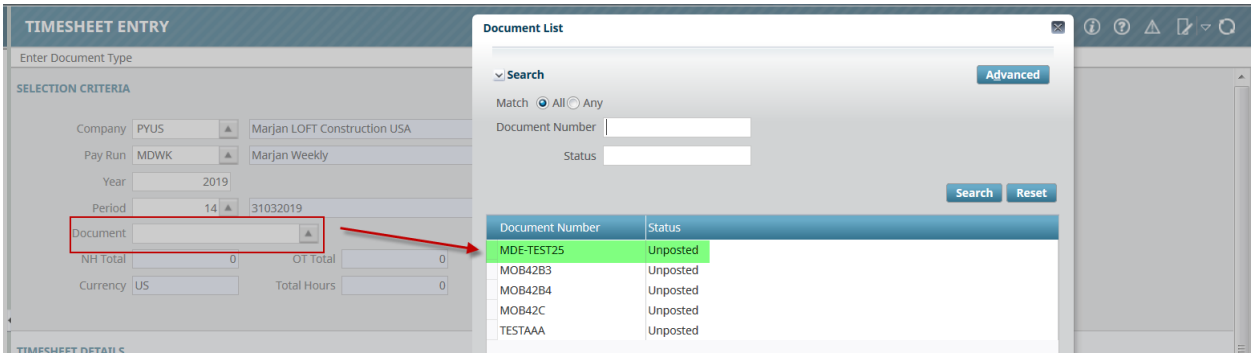

TIMESHEET IMPORT
Save
Exit
Maintain ACH Codes
SUI Magnetic Media
Generic Crew Maintenance
Real Crew Maintenance
Employee Pick List
Employee Type Maintenance
Holidays
Geographies
Administration
Timesheet
Processing
Government Forms
Query
Reports
Utilities
Change Batch Post Date
Changed Batch Post Date Query
Print Posting Reports
Mid-year Pay History Setup
Mid-Year Leave Setup
W2 Mapping Parameters
Import Timesheets from ASCII file
Import Timesheets from ORACLE
Import Timesheets from ORACLE(Multi User
Certified Payroll Mapping
Group Pay Increase
TIMESHEET IMPORT
Company
Pay Run
Import into Pay Year
Import into Pay Period
Default Category
Default Document No
Import ASCII File to Oracle Table
Import Oracle Table
View Rejected Entries
Delete Import Oracle Table
Delete Rejected Entries
Message

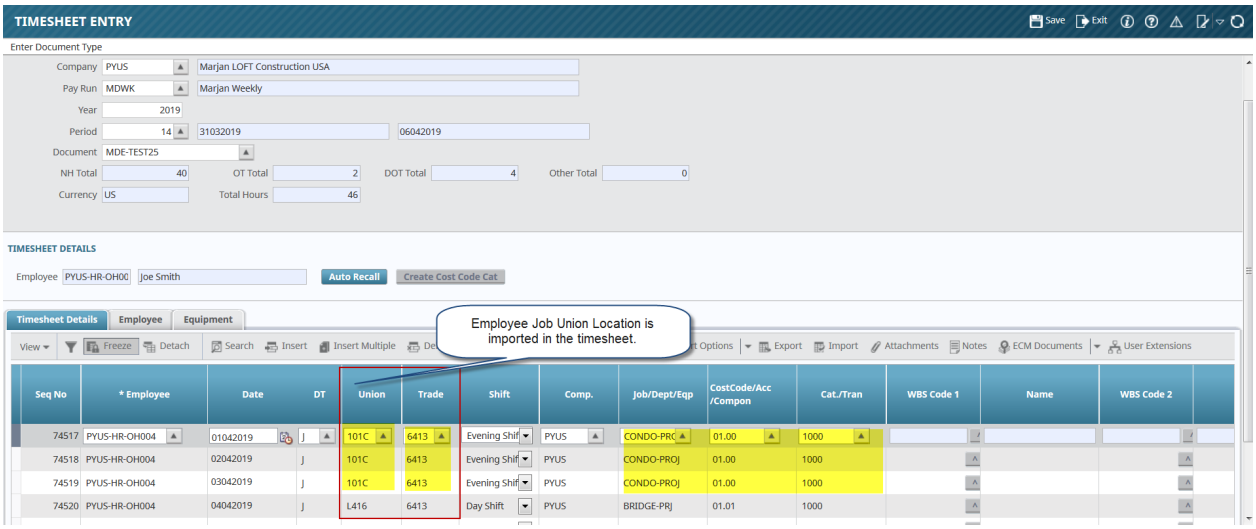

TIMESHEET IMPORT
Save
Exit
TIMESHEET IMPORT
Company
Pay Run
Import into Pay Year
Import into Pay Period
Default Category
Default Document No
Import ASCII File to Oracle Table
Import Oracle Table
View Rejected Entries
Delete Import Oracle Table
Delete Rejected Entries
Message
Import File
Import File
MOSS_TS_5.txt
Update...
Import
Close
Import ASCII file

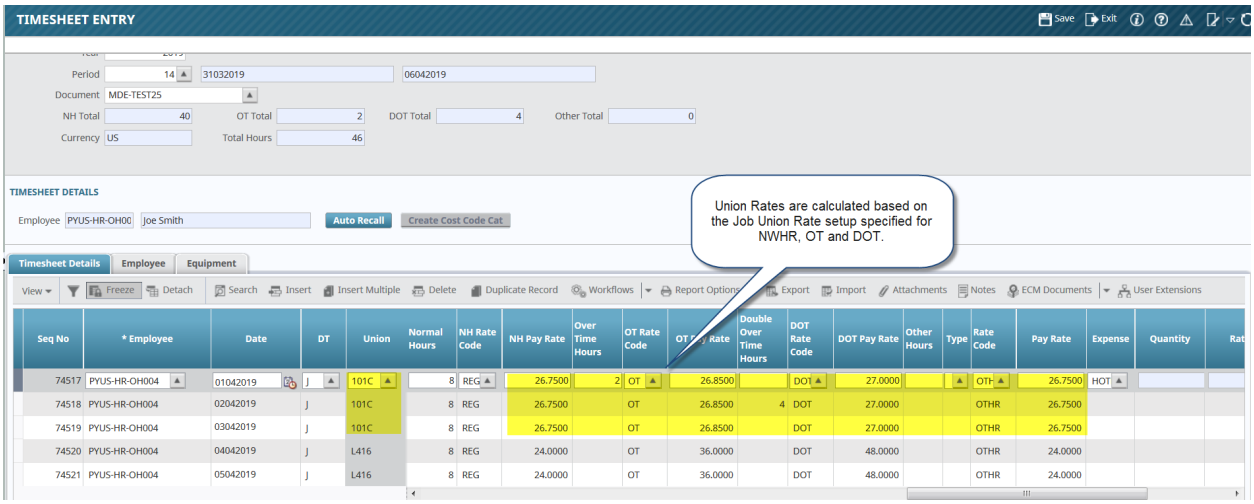

TIMESHEET IMPORT
Save
Exit
Total Records Inserted 5
Total of 5 records imported into oracle table
TIMESHEET IMPORT
Company
Pay Run
Import into Pay Year
Import into Pay Period
Default Category
Default Document No
Delete Rejected Entries
Message
Import File
Import File
MOSS_TS_5.txt
Update...
Import
Close

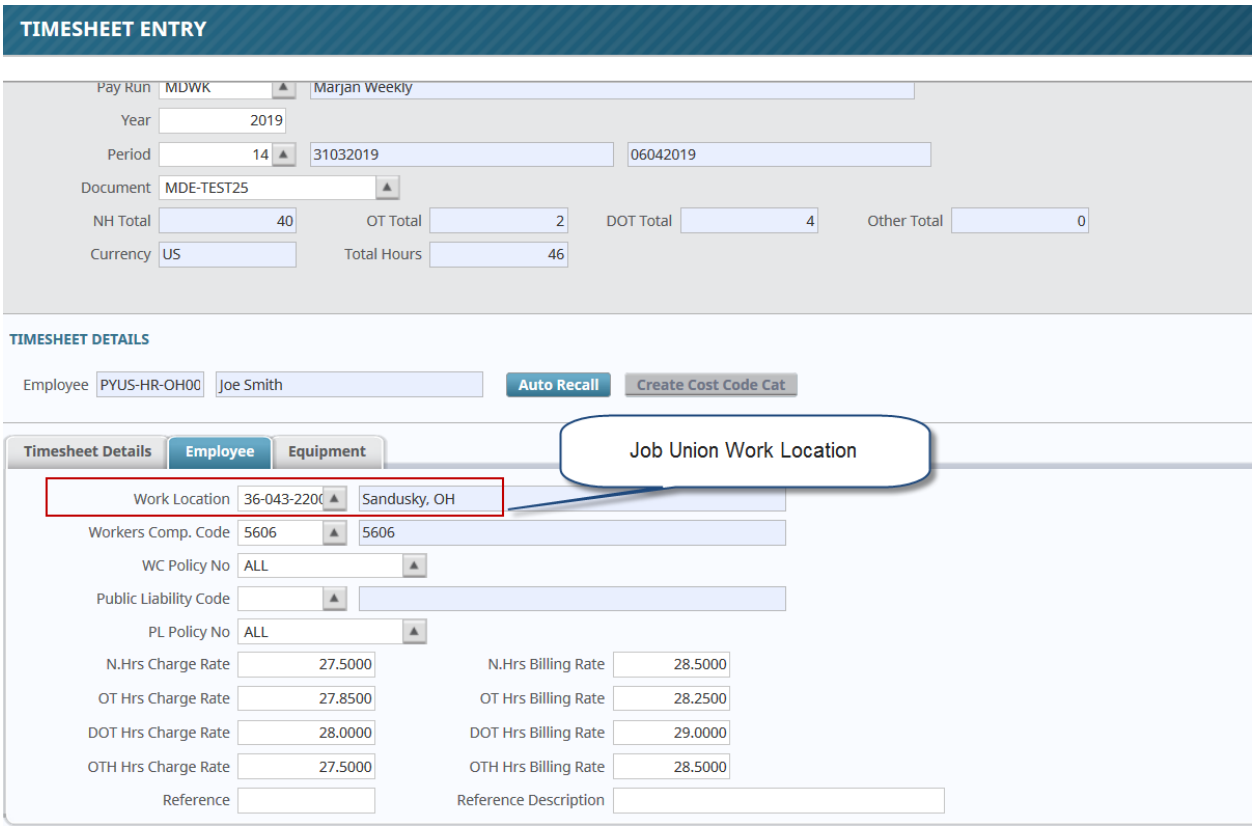

TIMESHEET IMPORT
Save
Exit
TIMESHEET IMPORT
Company
PYUS
Marjan LOFT Construction USA
Pay Run
MDWK
Marjan Weekly
Import into Pay Year
2019
Import into Pay Period
14
31032019
06042019
Default Category
Default Document No
MDE-TEST25
Import ASCII File to Oracle Table
Import Oracle Table
View Rejected Entries
Delete Import Oracle Table
Delete Rejected Entries
Message
Import from Oracle Table to Timesheet Table

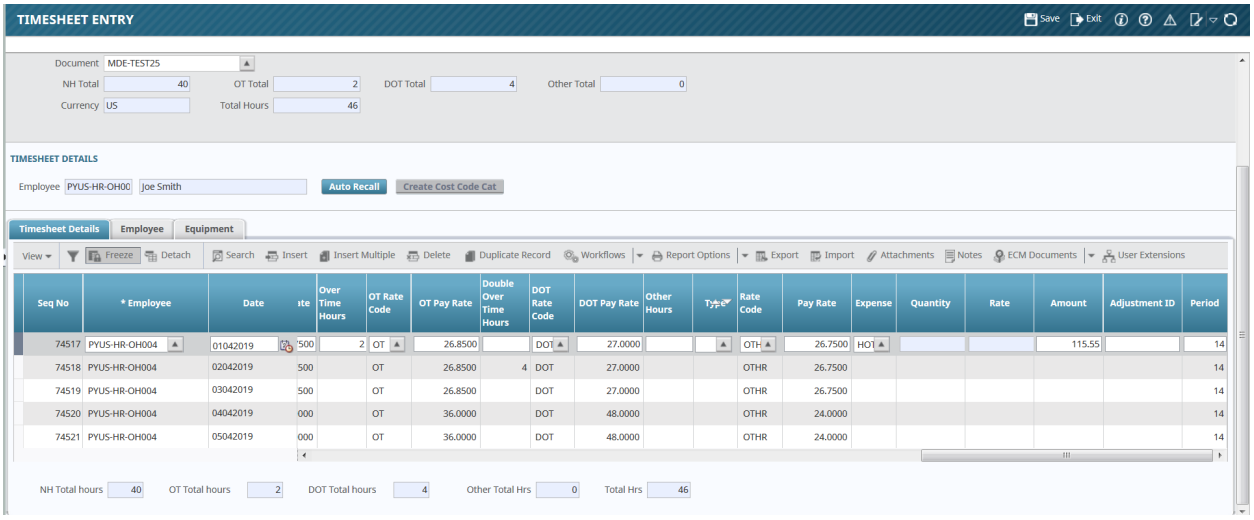

TIMESHEET IMPORT
Save
Exit
TIMESHEET IMPORT
Company
PYUS
Marjan LOFT Construction USA
Pay Run
MDWK
Marjan Weekly
Import into Pay Year
2019
Import into Pay Period
14
31032019
06042019
Default Category
Default Document No
MDE-TEST25
Import ASCII File to Oracle Table
Import Oracle Table
View Rejected Entries
Delete Import Oracle Table
Delete Rejected Entries
Message
Import Completed: Processed 13 records, inserted 5 records, rejected 8

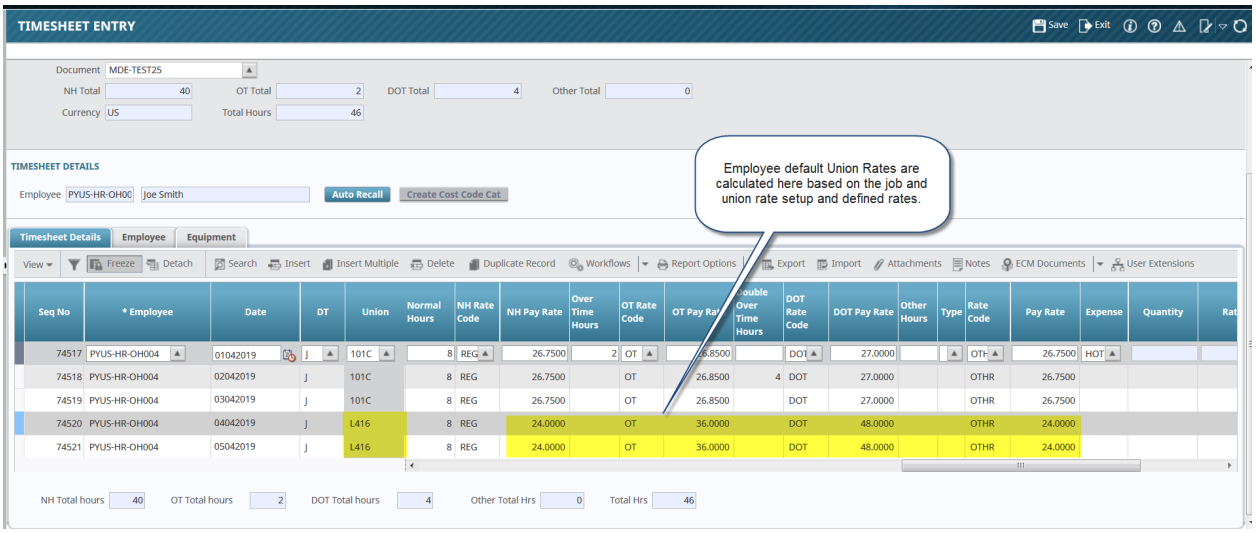

TIMESHEET ENTRY
Enter Document Type
SELECTION CRITERIA
Company
PYUS
Marjan LOFT Construction USA
Pay Run
MDWK
Marjan Weekly
Year
2019
Period
14
31032019
Document
NH Total
0
OT Total
0
Currency
US
Total Hours
0
Document List
Search
Advanced
Match
All
Any
Document Number
Status
Search
Reset
Document Number
Status
MDE-TEST25
Unposted
MOB42B3
Unposted
MOB42B4
Unposted
MOB42C
Unposted
TESTAAA
Unposted


TIMESHEET ENTRY
Save
Exit
Enter Document Type
Company PYUS Marjan LOFT Construction USA
Pay Run MDWK Marjan Weekly
Year 2019
Period 14 31032019 06042019
Document MDE-TEST25
NH Total 40 OT Total 2 DOT Total 4 Other Total 0
Currency US Total Hours 46
TIMESHEET DETAILS
Employee PYUS-HR-OH00 Joe Smith
Auto Recall
Create Cost Code Cat
Timesheet Details
Employee
Equipment
Employee Job Union Location is imported in the timesheet.
Seq No
* Employee
Date
DT
Union
Trade
Shift
Comp.
Job/Dept/Eqp
CostCode/Acc /Compon
Cat./Tran
WBS Code 1
Name
WBS Code 2
74517 PYUS-HR-OH004 01042019 J 101C 6413 Evening Shif PYUS CONDO-PRC 01.00 1000
74518 PYUS-HR-OH004 02042019 J 101C 6413 Evening Shif PYUS CONDO-PROJ 01.00 1000
74519 PYUS-HR-OH004 03042019 J 101C 6413 Evening Shif PYUS CONDO-PROJ 01.00 1000
74520 PYUS-HR-OH004 04042019 J L416 6413 Day Shift PYUS BRIDGE-PRJ 01.01 1000


TIMESHEET ENTRY
Save
Exit
Period 14 31032019 06042019
Document MDE-TEST25
NH Total 40 OT Total 2 DOT Total 4 Other Total 0
Currency US Total Hours 46
TIMESHEET DETAILS
Employee PYUS-HR-OH00 Joe Smith
Auto Recall
Create Cost Code Cat
Union Rates are calculated based on the Job Union Rate setup specified for NWHR, OT and DOT.
Timesheet Details
Employee
Equipment
Seq No
* Employee
Date
DT
Union
Normal Hours
NH Rate Code
NH Pay Rate
Over Time Hours
OT Rate Code
Double Over Time Hours
DOT Rate Code
DOT Pay Rate
Other Hours
Type
Rate Code
Pay Rate
Expense
Quantity
74517 PYUS-HR-OH004 01042019 J 101C 8 REG 26.7500 2 OT 26.8500 DOT 27.0000 OTH 26.7500 HOT
74518 PYUS-HR-OH004 02042019 J 101C 8 REG 26.7500 OT 26.8500 4 DOT 27.0000 OTHR 26.7500
74519 PYUS-HR-OH004 03042019 J 101C 8 REG 26.7500 OT 26.8500 DOT 27.0000 OTHR 26.7500
74520 PYUS-HR-OH004 04042019 J L416 8 REG 24.0000 OT 36.0000 DOT 48.0000 OTHR 24.0000
74521 PYUS-HR-OH004 05042019 J L416 8 REG 24.0000 OT 36.0000 DOT 48.0000 OTHR 24.0000


TIMESHEET ENTRY
Pay Run MDWK Marjan Weekly
Year 2019
Period 14 31032019 06042019
Document MDE-TEST25
NH Total 40 OT Total 2 DOT Total 4 Other Total 0
Currency US Total Hours 46
TIMESHEET DETAILS
Employee PYUS-HR-OH00 Joe Smith
Auto Recall
Create Cost Code Cat
Timesheet Details
Employee
Equipment
Job Union Work Location
Work Location 36-043-2200 Sandusky, OH
Workers Comp. Code 5606 5606
WC Policy No ALL
Public Liability Code
PL Policy No ALL
N.Hrs Charge Rate 27.5000
N.Hrs Billing Rate 28.5000
OT Hrs Charge Rate 27.8500
OT Hrs Billing Rate 28.2500
DOT Hrs Charge Rate 28.0000
DOT Hrs Billing Rate 29.0000
OTH Hrs Charge Rate 27.5000
OTH Hrs Billing Rate 28.5000
Reference
Reference Description


TIMESHEET ENTRY
Save
Exit
Document MDE-TEST25
NH Total 40 OT Total 2 DOT Total 4 Other Total 0
Currency US Total Hours 46
TIMESHEET DETAILS
Employee PYUS-HR-OH00 Joe Smith
Auto Recall
Create Cost Code Cat
Timesheet Details
Employee
Equipment
View
Freeze
Detach
Search
Insert
Insert Multiple
Delete
Duplicate Record
Workflows
Report Options
Export
Import
Attachments
Notes
ECM Documents
User Extensions
Seq No
* Employee
Date
Over Time Hours
OT Rate Code
OT Pay Rate
Double Over Time Hours
DOT Rate Code
DOT Pay Rate
Other Hours
Rate Code
Pay Rate
Expense
Quantity
Rate
Amount
Adjustment ID
Period
74517 PYUS-HR-OH004 01042019 2 OT 26.8500 DOT 27.0000 OTH 26.7500 HOT 115.55 14
74518 PYUS-HR-OH004 02042019 OT 26.8500 4 DOT 27.0000 OTHR 26.7500 14
74519 PYUS-HR-OH004 03042019 OT 26.8500 DOT 27.0000 OTHR 26.7500 14
74520 PYUS-HR-OH004 04042019 OT 36.0000 DOT 48.0000 OTHR 24.0000 14
74521 PYUS-HR-OH004 05042019 OT 36.0000 DOT 48.0000 OTHR 24.0000 14
NH Total hours 40
OT Total hours 2
DOT Total hours 4
Other Total Hrs 0
Total Hrs 46



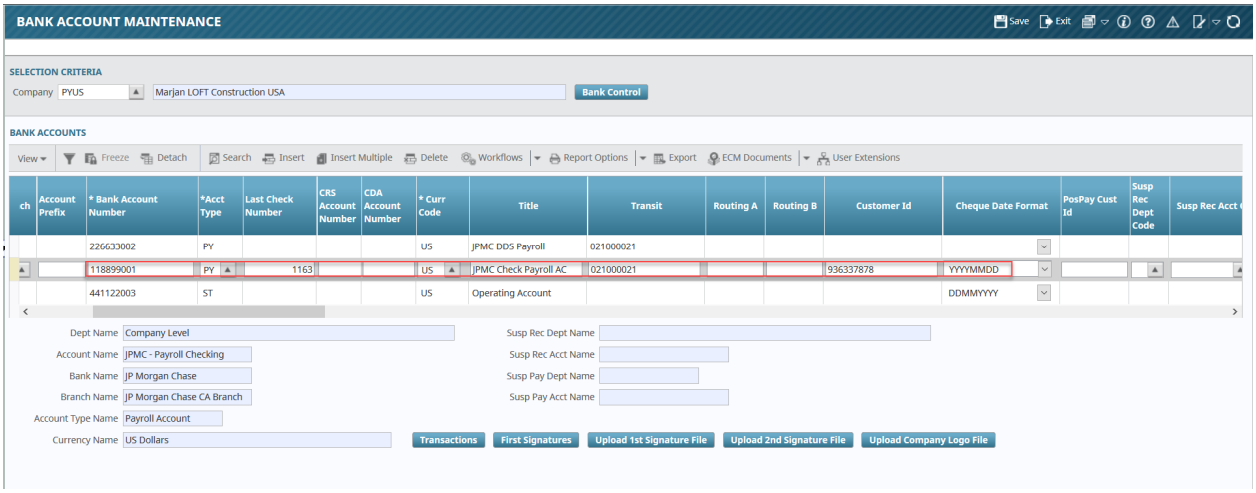
ACH-ACH Bank File – Flag to add 9 Blocks at the bottom of ACH file (19.71736)

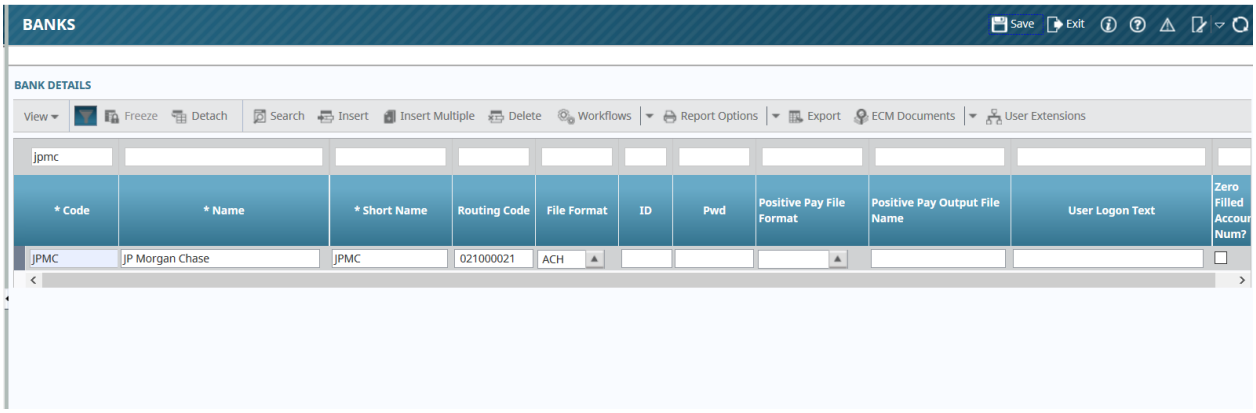
CMiC has added a new flag/option ‘Add 9 Blocks at the bottom of ACH’ under the direct deposit tab in Payroll Company Control.

Check EFT Register Program (PY1081) for ACH – ACH Bank Format File is modified to consider this flag, if checked and add block of 9’s at the bottom of the ACH Bank Format File.

Pre-Requisites:

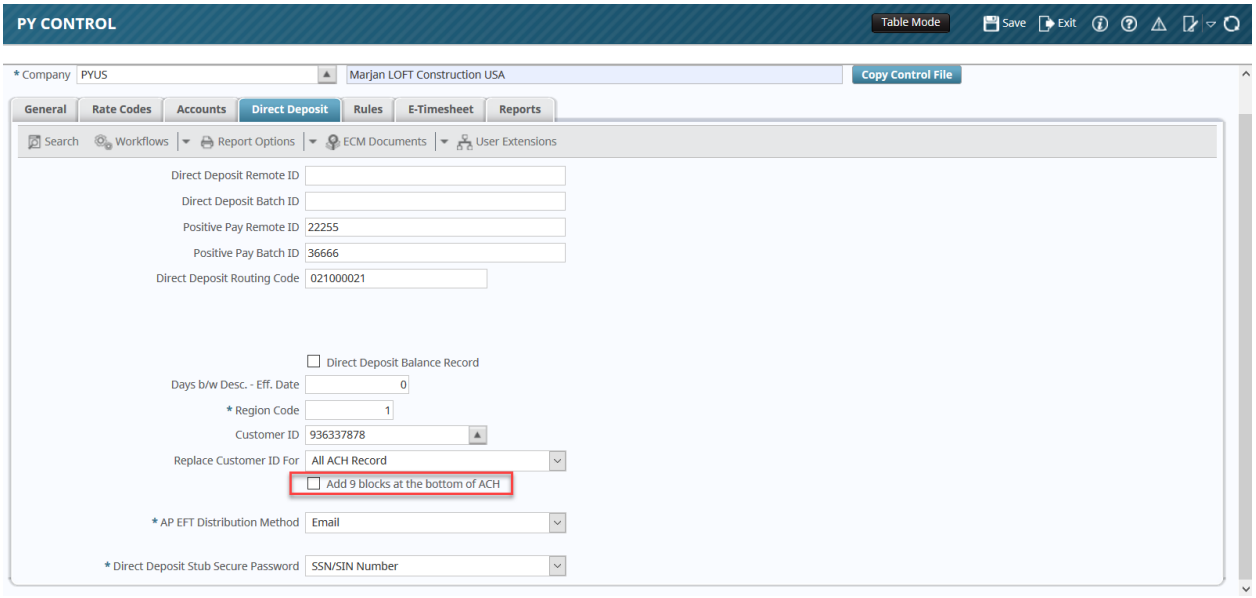
Customer should ensure to have their Banking Information and setup completed in CMiC System under Global Tables à Banking Maintenance.



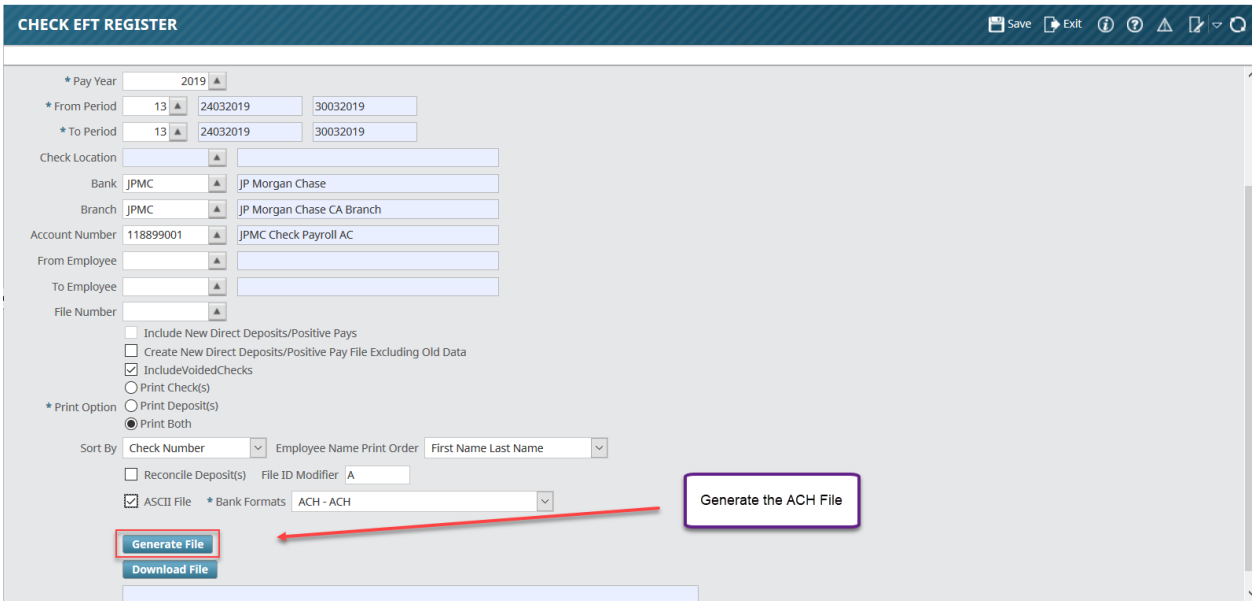


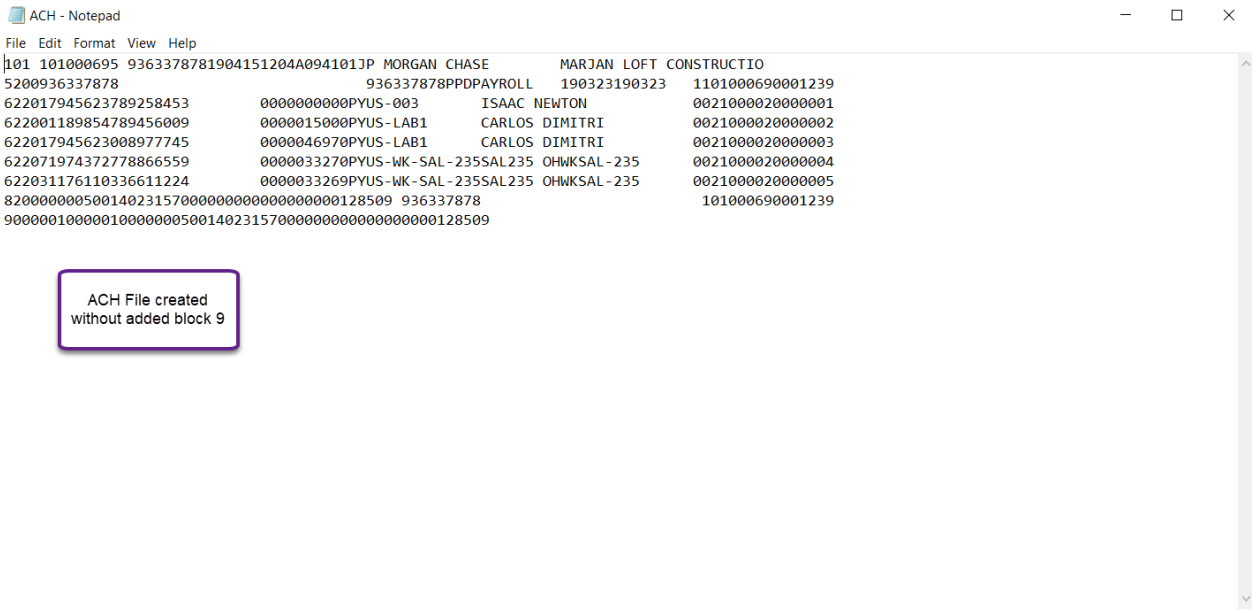
A new flag/option ‘Add 9 Blocks at the bottom of ACH’ under the direct deposit tab in Payroll Company Control.

Add 9 blocks at the bottom of ACH flag option is unchecked.



Check EFT Register Program (PY1081) for ACH – ACH Bank Format File generated with the flag unchecked. Block 9 is not added to the ACH – ACH Format File

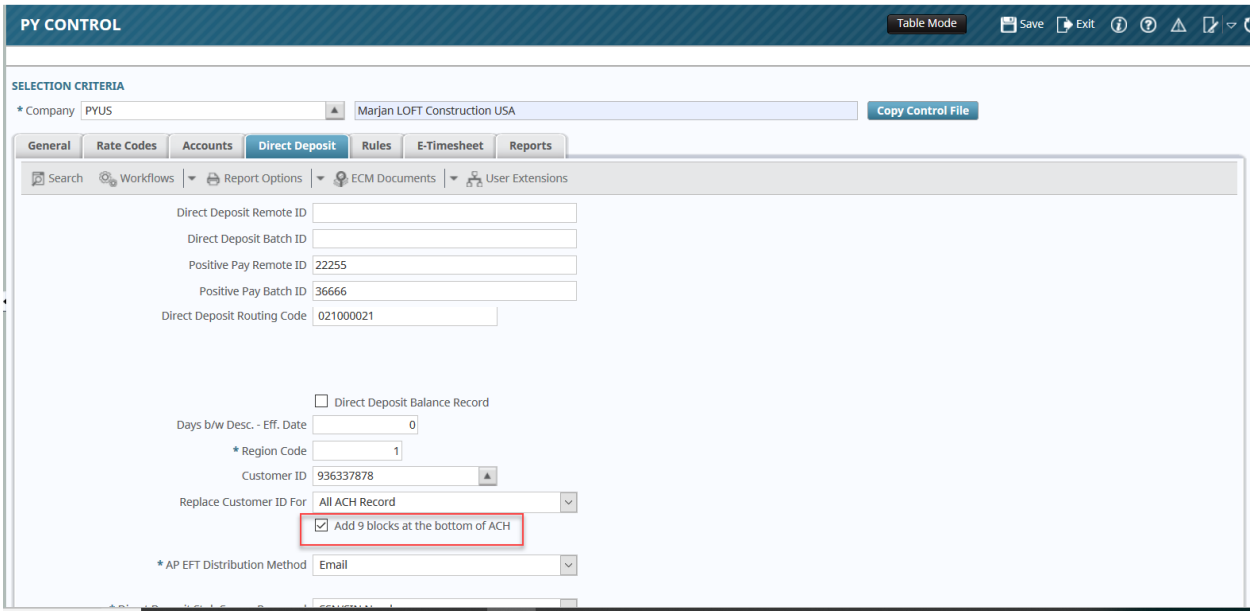


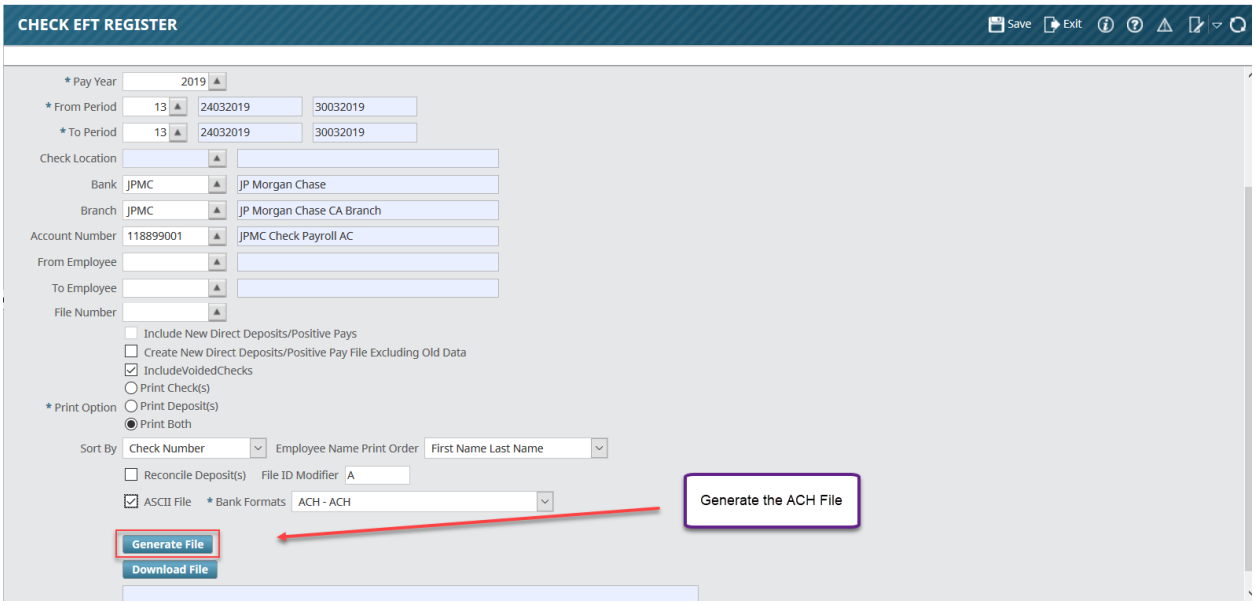


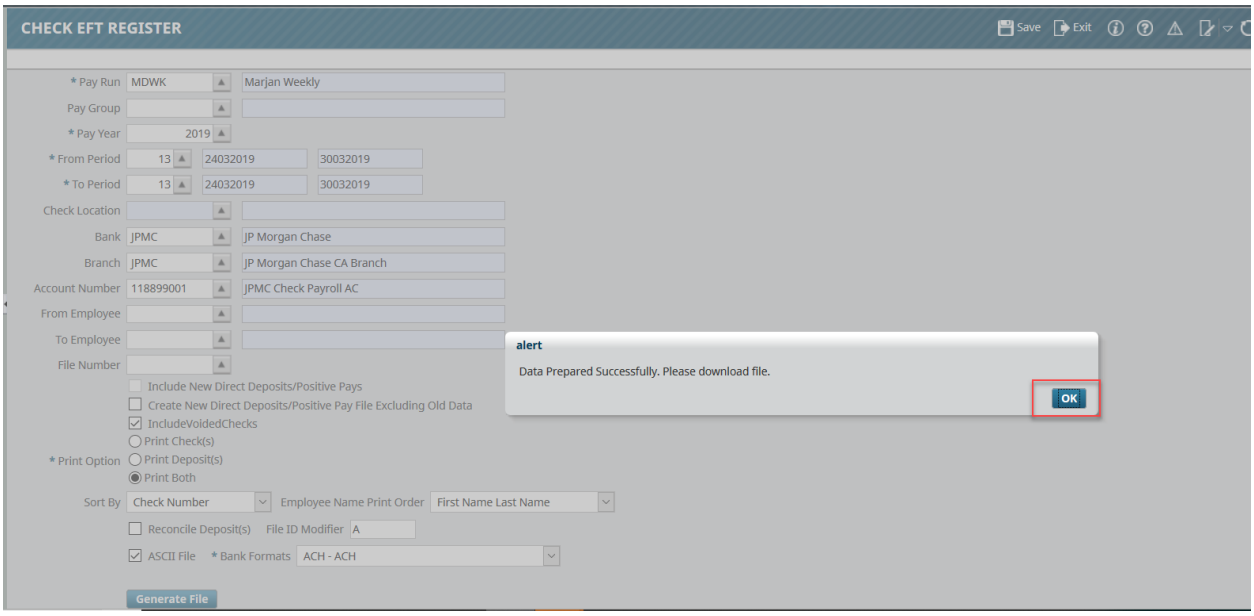
Check EFT Register Program (PY1081) for ACH – ACH Bank Format File is modified to consider this flag, if checked then add block of 9's at the bottom of the ACH Bank Format File.

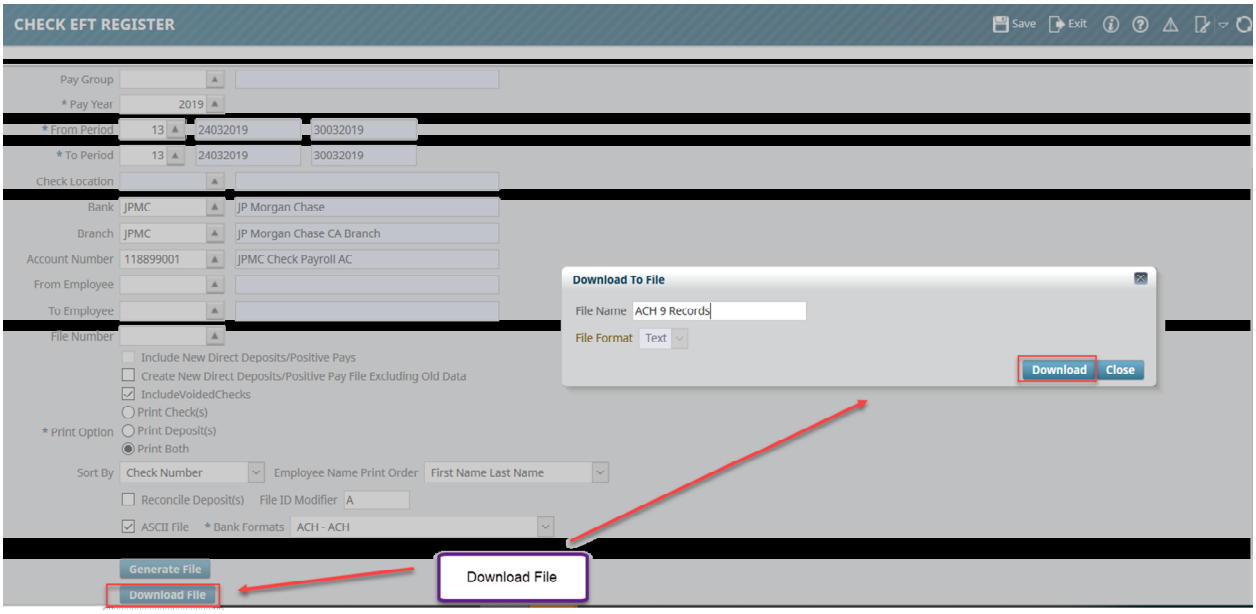
Check EFT Register is generated with the flag checked on PY Company Control.

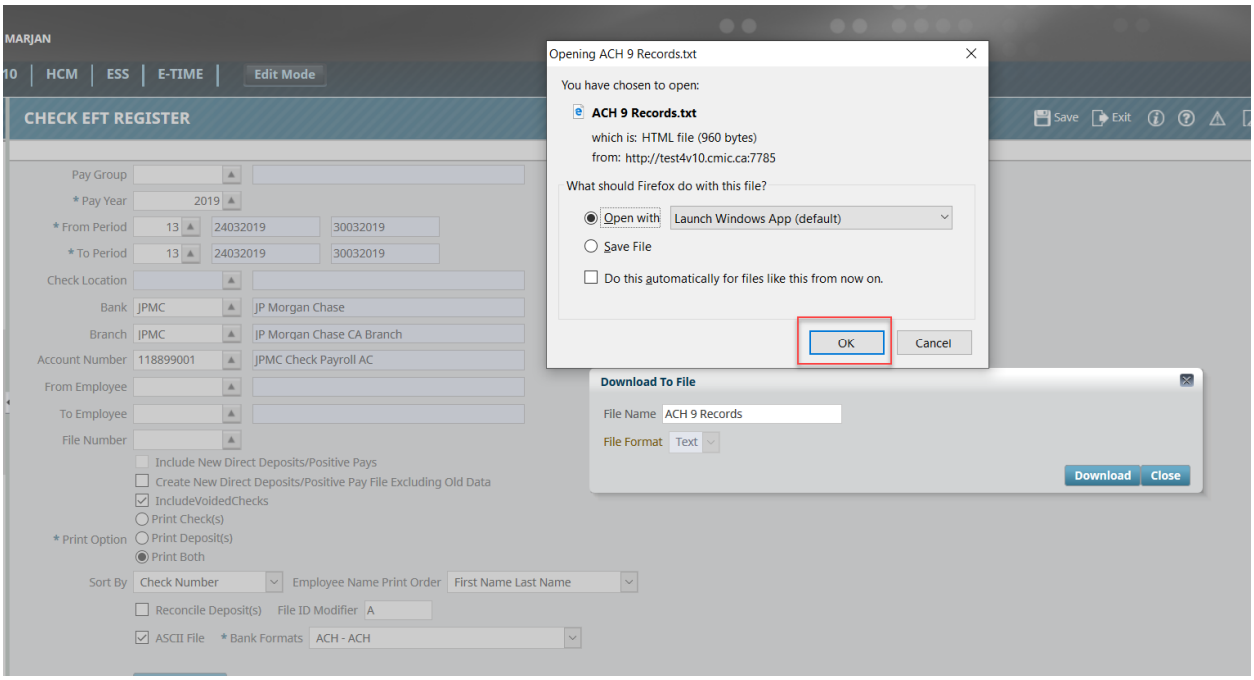
ACH – ACH Format File

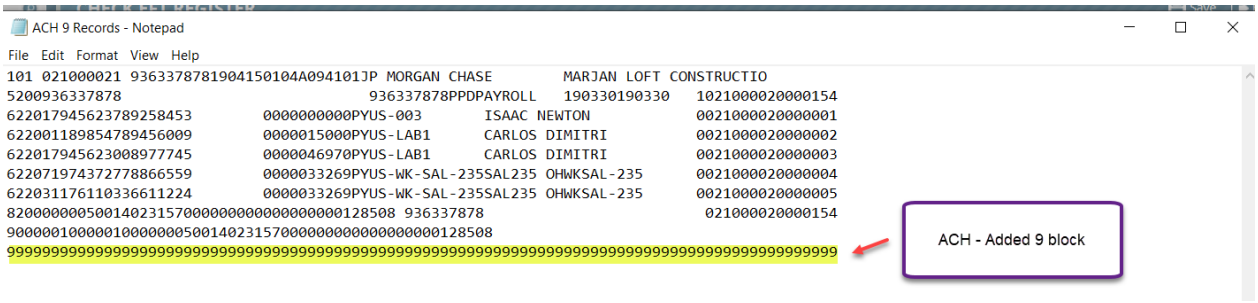


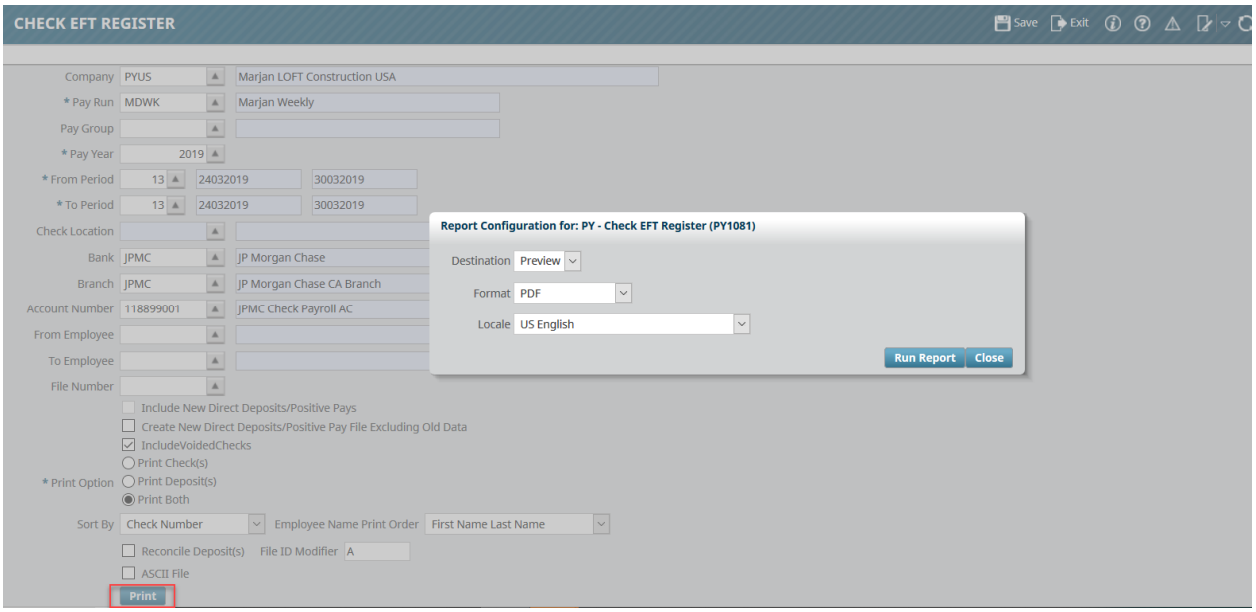



CHECK EFT REGISTER
Save
Exit
* Pay Run
MDWK
Marjan Weekly
Pay Group
* Pay Year
2019
* From Period
13
24032019
30032019
* To Period
13
24032019
30032019
Check Location
Bank
JPMC
JP Morgan Chase
Branch
JPMC
JP Morgan Chase CA Branch
Account Number
118899001
JPMC Check Payroll AC
From Employee
To Employee
File Number
alert
Data Prepared Successfully. Please download file.
OK
Include New Direct Deposits/Positive Pays
Create New Direct Deposits/Positive Pay File Excluding Old Data
IncludeVoidedChecks
* Print Option
Print Check(s)
Print Deposit(s)
Print Both
Sort By
Check Number
Employee Name Print Order
First Name Last Name
Reconcile Deposit(s)
File ID Modifier
A
ASCII File
* Bank Formats
ACH - ACH
Generate File


CHECK EFT REGISTER
Save
Exit
Pay Group
* Pay Year
2019
* From Period
13
24032019
30032019
* To Period
13
24032019
30032019
Check Location
Bank
JPMC
JP Morgan Chase
Branch
JPMC
JP Morgan Chase CA Branch
Account Number
118899001
JPMC Check Payroll AC
From Employee
To Employee
File Number
Download To File
File Name
ACH 9 Records
File Format
Text
Download
Close
Include New Direct Deposits/Positive Pays
Create New Direct Deposits/Positive Pay File Excluding Old Data
IncludeVoidedChecks
* Print Option
Print Check(s)
Print Deposit(s)
Print Both
Sort By
Check Number
Employee Name Print Order
First Name Last Name
Reconcile Deposit(s)
File ID Modifier
A
ASCII File
* Bank Formats
ACH - ACH
Generate File
Download File
Download File




ACH 9 Records - Notepad
File Edit Format View Help
101 021000021 936337878190415010 4A094101JP MORGAN CHASE MARJAN LOFT CONSTRUCTIO
5200936337878 936337878PPDPAYROLL 190330190330 1021000020000154
622017945623789258453 0000000000PYUS-003 ISAAC NEWTON 0021000020000001
622001189854789456009 0000015000PYUS-LAB1 CARLOS DIMITRI 0021000020000002
622017945623008977745 0000046970PYUS-LAB1 CARLOS DIMITRI 0021000020000003
622071974372778866559 0000033269PYUS-WK-SAL-235SAL235 OHWKSAL-235 0021000020000004
622031176110336611224 0000033269PYUS-WK-SAL-235SAL235 OHWKSAL-235 0021000020000005
820000000500140231570000000000000000000128508 936337878 021000020000154
900000100000100000005001402315700000000000000000128508
9999999999



PAYROLL - PAYCHECKS LISTING FOR EMPLOYEE

Page: 1 of 11
Date: Apr 15, 2019
Time: 1:20 AM EDT

Employee	Type	Void	Check/EFT Number	Check/Void Date	Description	Employee Deposit Bank & Account			Amount	Issuing Bank Branch & Account	
FEIN: MD14799001 - Marjan LOFT				Company:	PYUS - Marjan LOFT Construction						
PYUS-RET-001 Bernard Shaw	Hourly		-534	30032019	Check Issued				0.00	JPMC JPMC	118899001
PYUS-WK-HRL-008 HRLY008 OHWKHRL-008	Hourly		-531	30032019	Check Issued				0.00	JPMC JPMC	118899001
PYUS-WK-HRL-007 HRLY007 OHWKHRL-007	Hourly		-530	30032019	Check Issued				0.00	JPMC JPMC	118899001
PYUS-WK-HRL-006 HRLY006 OHWKHRL-006	Hourly		-529	30032019	Check Issued				0.00	JPMC JPMC	118899001
PYUS-003 Isaac Newton	Hourly		-528	30032019	Direct Deposit in Bank	017945623	NA	789258453	0.00	JPMC JPMC	118899001
PYUS-WK-HRL-005 HRLY005 MDWKHRL-005	Hourly		-527	30032019	Check Issued				0.00	JPMC JPMC	118899001
PYUS-WK-HRLY- John Hanna	Hourly		-526	30032019	Check Issued				0.00	JPMC JPMC	118899001
PYUS-HR-SR005 Fred H Danier	Hourly		-523	30032019	Check Issued				0.00	JPMC JPMC	118899001
PYUS-HR-NJ010 John H Curtis	Hourly		-522	30032019	Check Issued				0.00	JPMC JPMC	118899001
PYUS-HR-KY006 Alex H Castigno	Hourly		-521	30032019	Check Issued				0.00	JPMC JPMC	118899001
PYUS-HR-DE009 Smith H Carson	Hourly		-520	30032019	Check Issued				0.00	JPMC JPMC	118899001
PYUS-LAB1 Carlos Dimitri	Hourly		524	30032019	Direct Deposit in Bank	001189854	NA	789456009	150.00	JPMC JPMC	118899001
PYUS-LAB1 Carlos Dimitri	Hourly		525	30032019	Direct Deposit in Bank	017945623	NA	008977745	469.70	JPMC JPMC	118899001
PYUS-WK-SAL-235 SAL235 OHWKSAL-235	Salaried		532	30032019	Direct Deposit in Bank	WACH	MAIN	778866559	332.69	JPMC JPMC	118899001
PYUS-WK-SAL-235 SAL235 OHWKSAL-235	Salaried		533	30032019	Direct Deposit in Bank	CAPT1	MAIN	336611224	332.69	JPMC JPMC	118899001
JS-SAL-LEAVE EMP01 SETUP	Salaried		1024	30032019	Check Issued				1,404.65	JPMC JPMC	118899001

ESS & Employee Profile Email Addresses (19.69796)

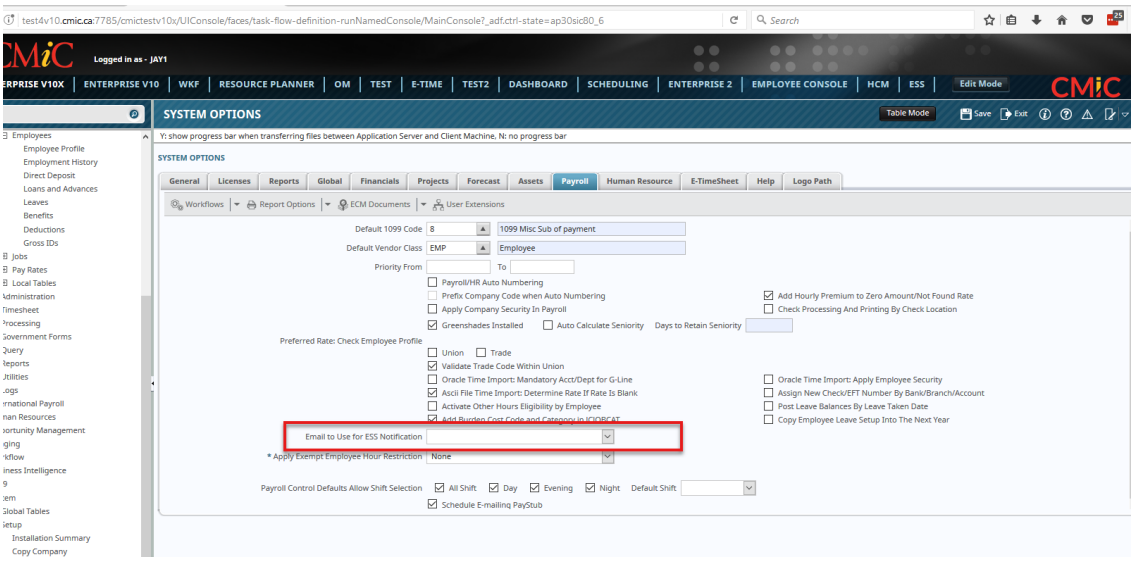
CMiC has added a new option under System>Payroll Tab to select Email Address for the notifications related to ESS. Email options will be either Employee Email or Work Email Address. Default will be Employee Email. ESS notification is modified to send the notifications according to the above setup.

A new **Non-mandatory** dropdown field **Email to Use for ESS Notification** has been added to **System Options** Program under **Payroll** Tab (System>>Setup>>System Options) to allow Users to select the preferred Email address for ESS notifications. The field has 2 options: **Work Email** and **Personal Email.**

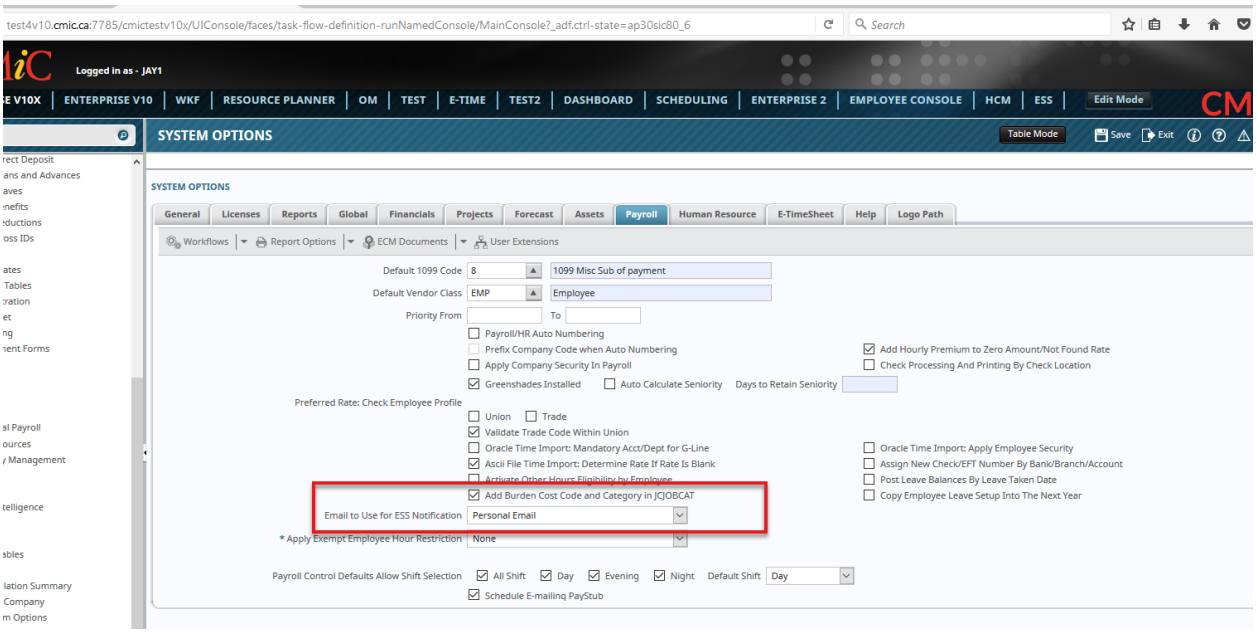
Setting this field to **Work Email** would send all ESS notifications to Employee's Work Email address while setting it to **Personal Email** would direct all such notifications to the Personal Email Address. By default, all ESS notifications would be sent to **Personal Email** address, unless otherwise configured/setup.

NOTE: If the Preferred Email address for ESS Notifications is not defined for an Employee, then ESS notifications will not be sent out for him/her. For e.g. if **Work Email** has been setup as the Preferred Email address for ESS Notifications (under System>>Setup>>System Options>>Payroll Tab) and it is not defined for an Employee on Employee Profile, ESS notifications would not be sent for him/her regardless of the status of Personal Email address and vice-versa.

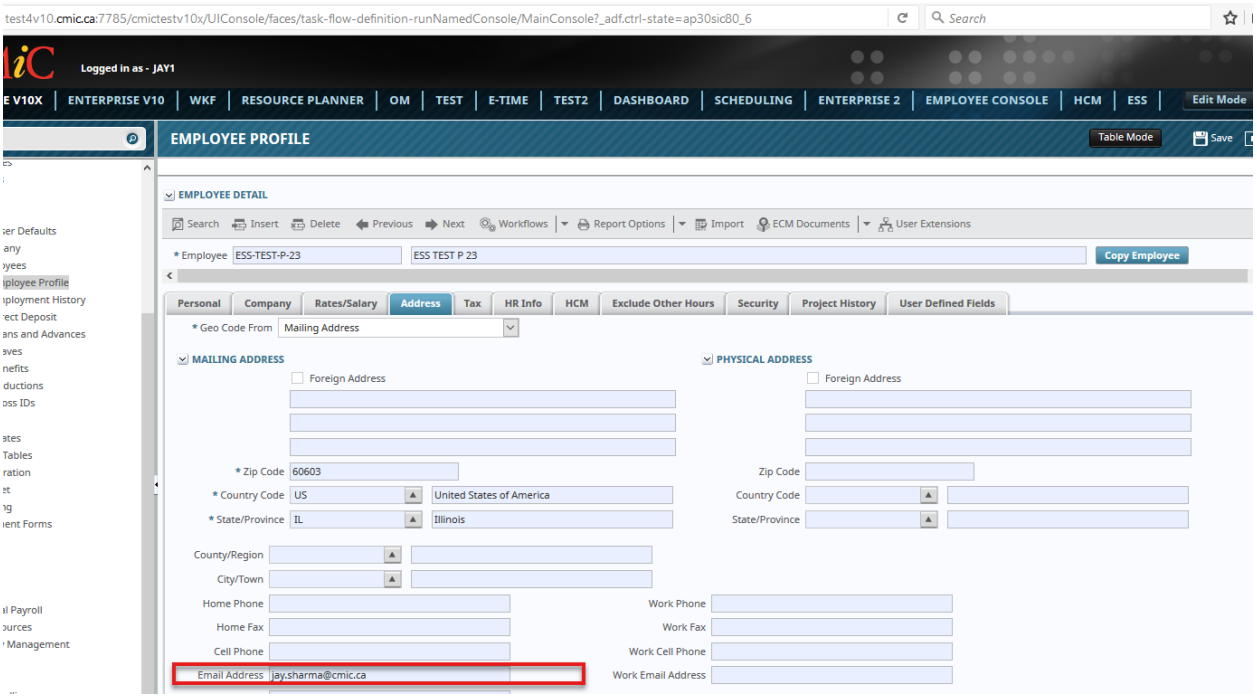
System Options: New field added to define the preferred **Email Address** for ESS Notifications:



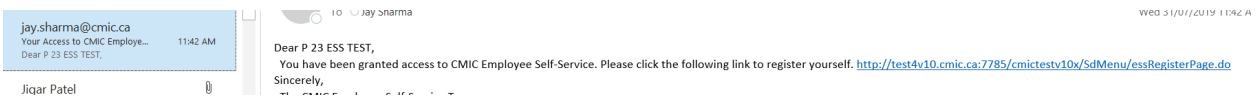
Scenario 1: Set the field Email to Use for ESS Notification to Personal:



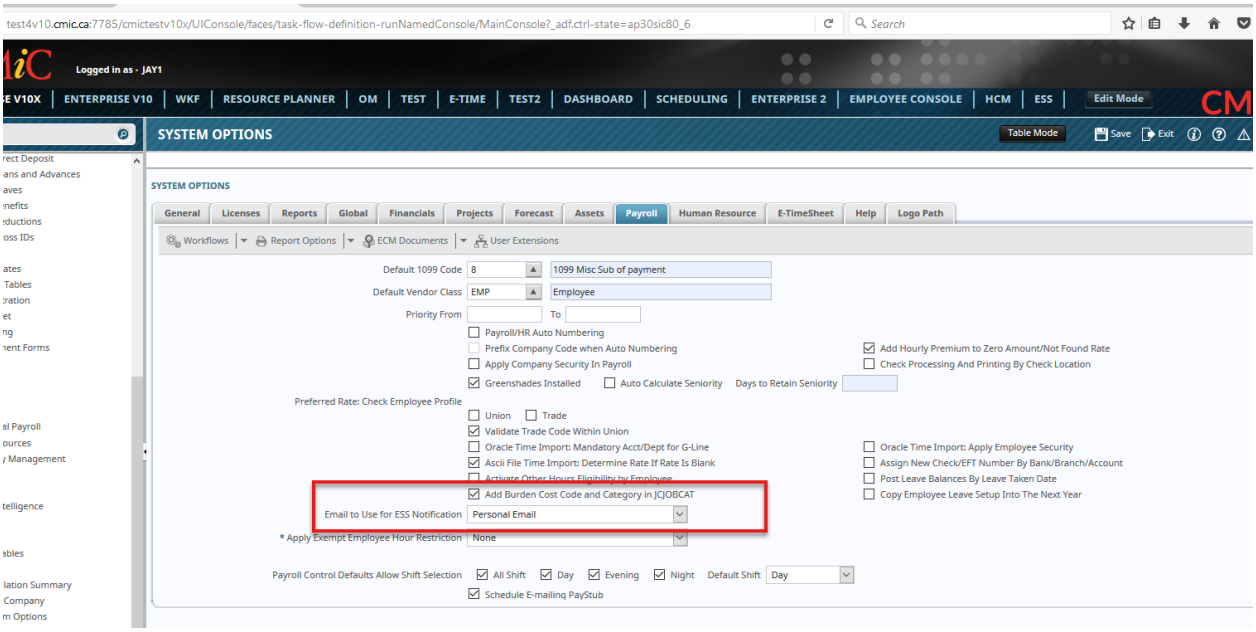
Define **Personal Email** for the Employee on Employee Profile:



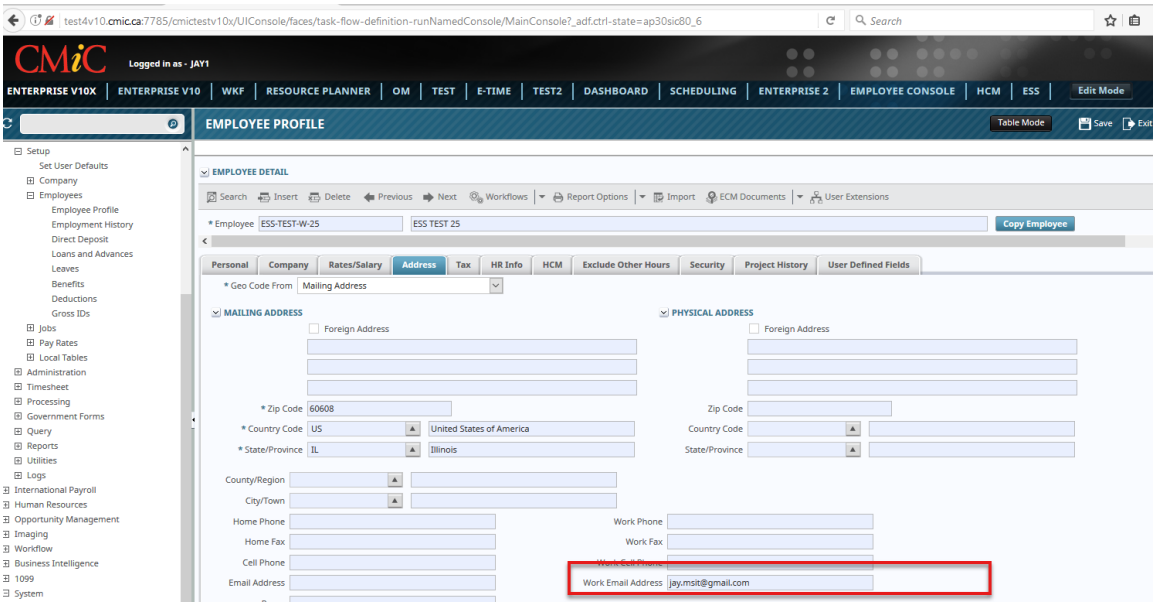
Enable **ESS** for the Employee (from **Employee Maintenance** program in HCM) after which an Email would be sent to the Employee on **Personal Email:**



Scenario 2: Set the field Email to Use for ESS Notification to Personal:

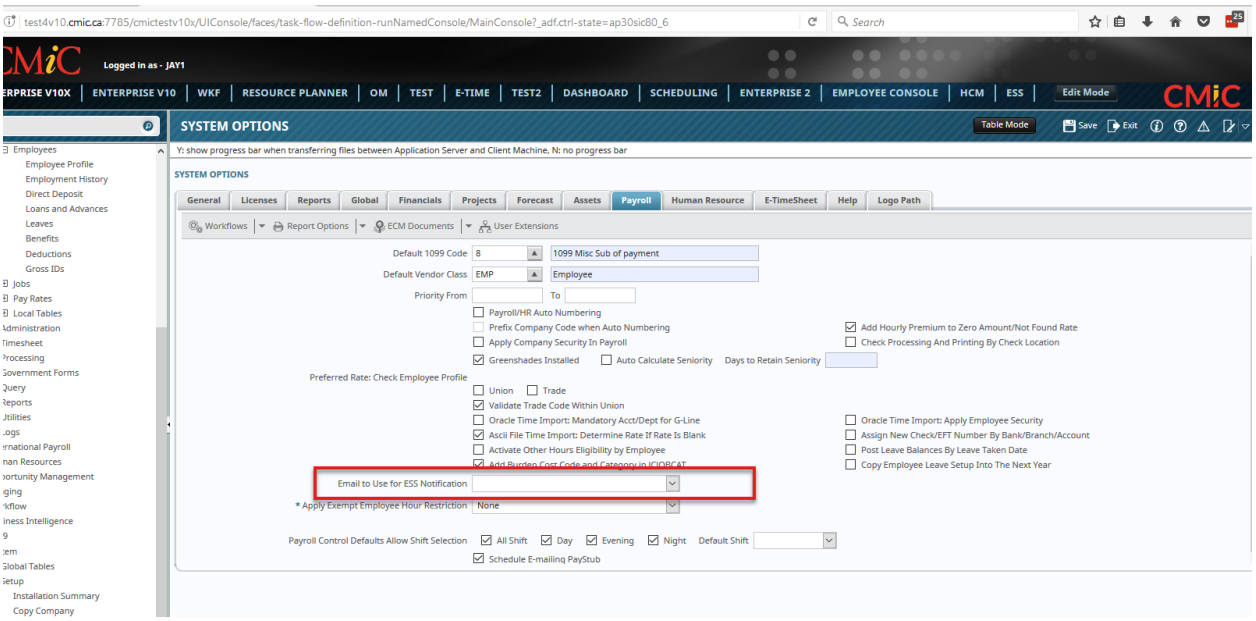


Define **Work Email** for the Employee on Employee Profile while keeping the **Personal Email** blank/undefined:

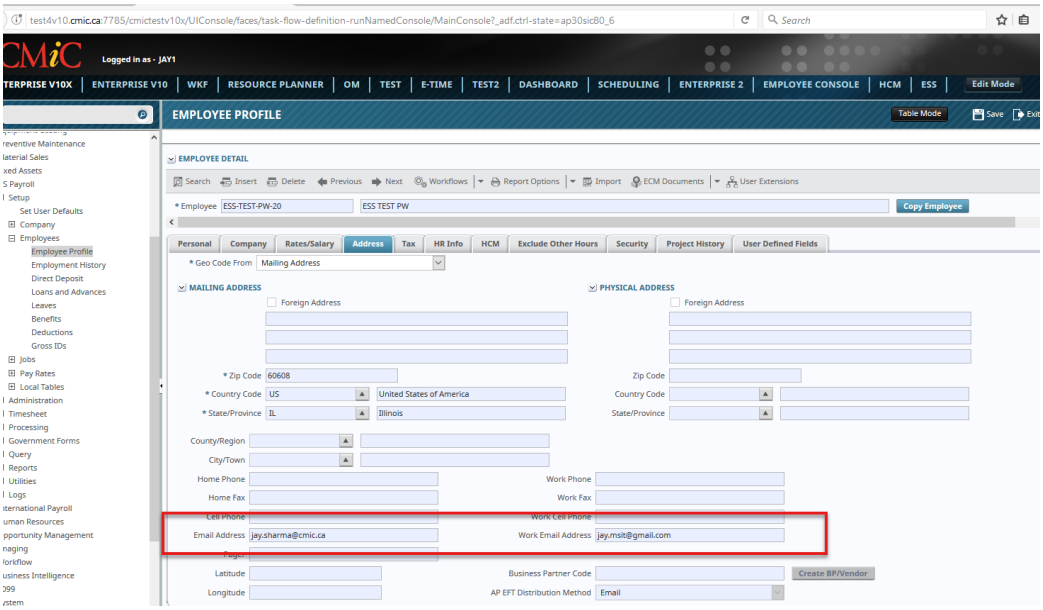


Enable **ESS** for the Employee (from **Employee Maintenance** program in HCM). The ESS registration Email in this case would not be sent to the Employee as the preferred Email address (**Personal Email**) has not been defined on Employee profile.

Scenario 3: Keep the field Email to Use for ESS Notification blank/undefined:



Define both **Personal Email** and **Work Email** for the Employee on Employee Profile:



Enable **ESS** for the Employee (from **Employee Maintenance** program in HCM) after which an Email would be sent to the Employee on **Personal Email**

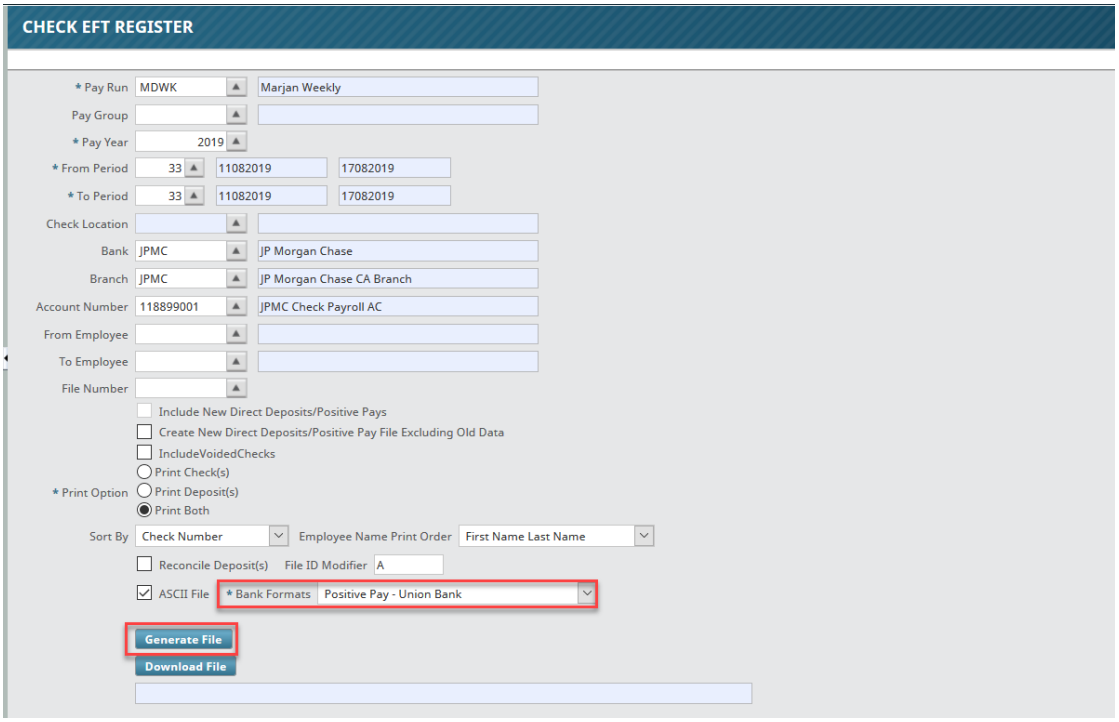
Union Bank Positive Pay Format File (19.71166)

CMiC has added a new Positive Pay format for Union Bank in PY Check/EFT program. The ASCII File is created as per Union Bank Positive Pay Specifications.

Pre-Requisites

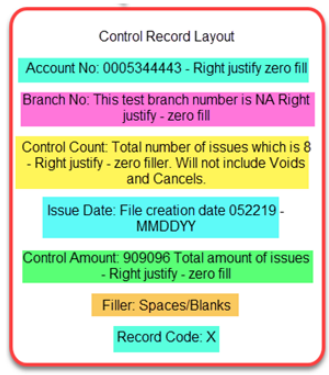
Customer should ensure to have their Banking Information and setup completed in CMiC System under Global Tables à Banking Maintenance.

Process Payroll and print checks. Under Processing > Reports > Check/EFT Register, select bank format: Positive Pay – Union Bank to prepare the data and download the file in Notepad.




Union Bank Pos1.txt - Notepad
File Edit Format View Help
0118899001000000173608171900002809280A
EMP01 SETUP SALARIED LEAVE B
0118899001000000173708171900002201280A
SAL201 AKWKSAL-201 B
0118899001000000173808171900000611440A
John Bradshaw B
0118899001000000173908171900002514500A
SAL202 CAWKSAL-202 B
0118899001000000174008171900000606970A
SAL298 CAWKSAL-298 B
0118899001000000174108171900000683080A
SAL-322 CDWKSAL-322 B
0118899001000000174208171900000376470A
SAL240 COWKSAL-240 B
0118899001000000174308171900000635410A
Abbey Donavan B
0118899001000000174408171900001569900A
Prescilla Duncan B
0118899001000000174508171900000690430A
SAL203 HIWKSAL-203 B
0118899001000000174608171900014366880A
Bill Hart B
0118899001000000174708171900002092630A
SAL204 IDWKSAL-204 B
0118899001000000174808171900001115260A
SAL229 IDWKSAL-229 B
0118899001000000174908171900001649020A
SAL230 IDWKSAL-230 B
0118899001000000175008171900000433020A
SAL286 IDWKSAL-286 B
0118899001000000175108171900001695220A
SAL205 ILWKSAL-205 B
0118899001000000175208171900000745500A
SAL252 ILWKSAL-252 B
0118899001000000175308171900000870460A
SAL279 ILWKSAL-279 B
0118899001000000175408171900000704050A
SAL300 INWKSAL-300 B
0118899001000000175508171900000606930A
SAL301 INWKSAL-301 B
0118899001000000175608171900000733570A
SAL302 INWKSAL-302 B
0118899001000000175708171900000943850A
Detail Record Layout:
Account No: 0005344443 Right justify - zero fill
Check No: 1035 Right justify - zero fill
Check Issue Date: 061519 MMDDYY
Check Amount: 109381 Right justify - zero fill
Filler: Spaces/blanks
Transaction Code: 0 = Issue
Record Code: A = Issue (B record required)
Additional Information Record - Layout
Customer Data: Payee Name - Payee Line 1
Record Code: B
Control Record Layout
Account No: 0005344443 - Right justify zero fill
Branch No: This test branch number is NA Right justify - zero fill
Control Count: Total number of issues which is 8 - Right justify - zero filler. Will not include Voids and Cancels.
Issue Date: File creation date 052219 - MMDDYY
Control Amount: 909096 Total amount of issues - Right justify - zero fill
Filler: Spaces/Blanks
Record Code: X

```
011889900100000018720817190000285476  0A
SAL232 TXWKSAL-232                     B
011889900100000018730817190000049944  0A
SAL285 UTWKSAL-285                     B
011889900100000018740817190000188208  0A
SAL228 VTWKSAL-228                     B
011889900100000018750817190000052642  0A
SAL-321 VTWKSAL-321                    B
011889900100000018760817190000177736  0A
SAL233 WIWKSAL-233                     B
011889900100000018770817190000059498  0A
SAL255 WVWKSAL-255                     B
011889900100000018780817190000077342  0A
SAL264 WVWKSAL-264                     B
011889900100000018790817190000091411  0A
SAL-328 WVWKSAL-328                    B
011889900100000018800817190000069946  0A
SAL-329 WVWKSAL-329                    B
011889900100000018810817190000163084  0A
SAL234 WYWKSAL-234                     B
011889900100000018820817190000087091  0A
Marjan Vahdat                          B
0118899001JPMC000147091119002008836 9  X
```



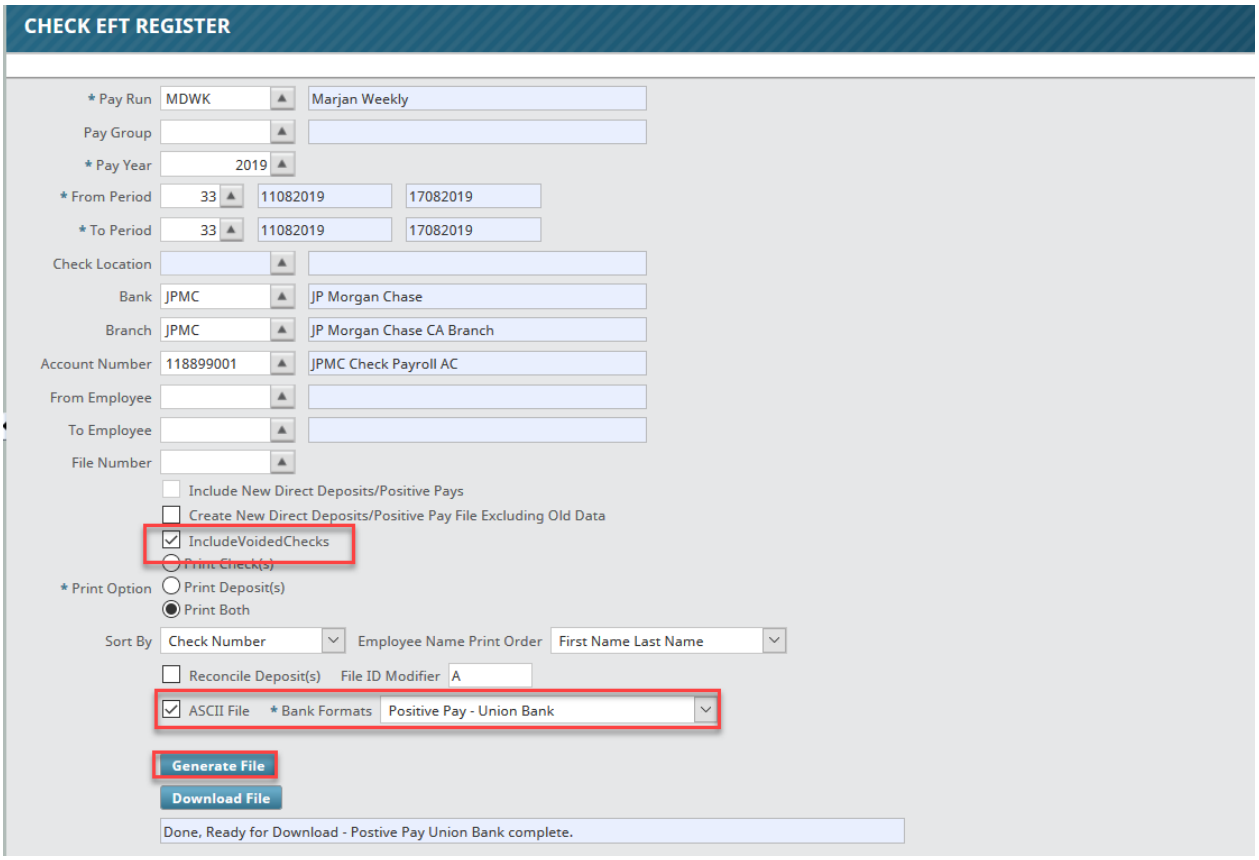
The Check / EFT Register will print a listing of all checks printed on a particular Pay Run for a given period and employee range. The Paychecks listing for Employee Report will print a listing of the checks and direct deposit payments made on a particular check run.

PAYROLL - PAYCHECKS LISTING FOR EMPLOYEE

Page: 2 of 11
Date: Sep 11, 2019
Time: 1:06 AM EDT

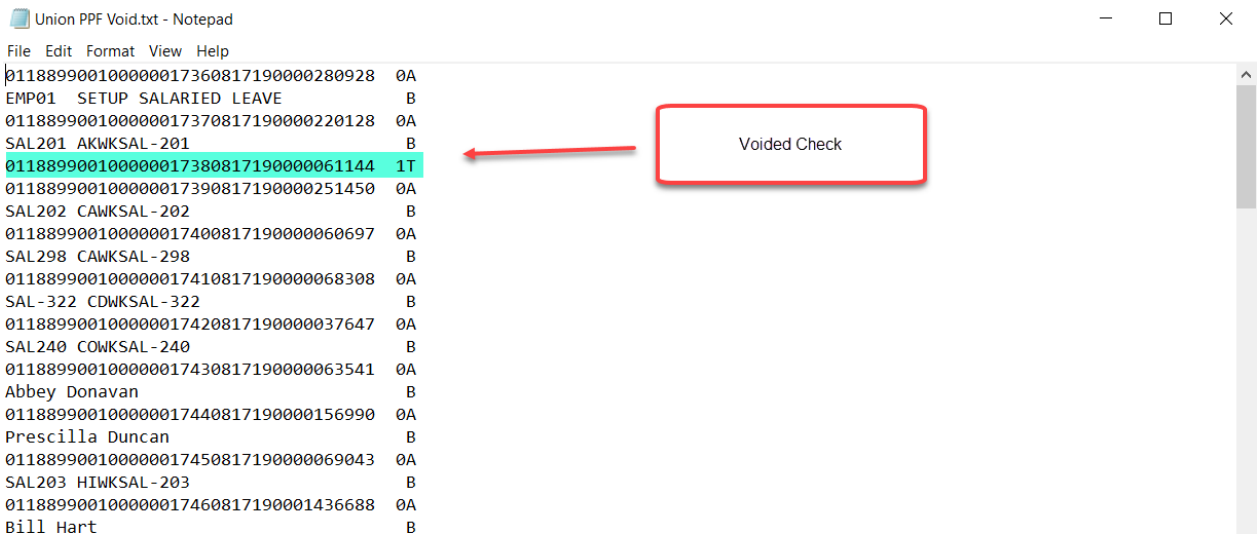
Employee	Type	Void	Check/EFT Number	Check/Void Date	Description	Employee Deposit Bank & Account	Amount	Issuing Bank Branch & Account
PYUS-SAL-WK-255 SAL255 OHWKSAL-255	Salaried		625	17082019	Direct Deposit in Bank	BOA CHDWN 228597632	302.43	JPMC JPMC 118899001
PYUS-SAL-WK-281 SAL281 OHWKSAL-281	Salaried		626	17082019	Direct Deposit in Bank	CAPT1 MAIN 896357156	1,879.35	JPMC JPMC 118899001
JS-SAL-LEAVE EMP01 SETUP	Salaried		1736	17082019	Check Issued		2,809.28	JPMC JPMC 118899001
PYUS-WK-SAL-201 SAL201 AKWKSAL-201	Salaried		1737	17082019	Check Issued		2,201.28	JPMC JPMC 118899001
PYUS-SAL-1001- John Bradshaw	Salaried		1738	17082019	Check Issued		611.44	JPMC JPMC 118899001
PYUS-WK-SAL-202 SAL202 CAWKSAL-202	Salaried		1739	17082019	Check Issued		2,514.50	JPMC JPMC 118899001
PYUS-WK-SAL-298 SAL298 CAWKSAL-298	Salaried		1740	17082019	Check Issued		606.97	JPMC JPMC 118899001
PYUS-WK-SAL-322 SAL-322 CDWKSAL-322	Salaried		1741	17082019	Check Issued		683.08	JPMC JPMC 118899001
PYUS-WK-SAL-240 SAL240 COWKSAL-240	Salaried		1742	17082019	Check Issued		376.47	JPMC JPMC 118899001
PYUS000000000001 Abbey Donavan	Salaried		1743	17082019	Check Issued		635.41	JPMC JPMC 118899001
2001 Prescilla Duncan	Salaried		1744	17082019	Check Issued		1,569.90	JPMC JPMC 118899001
PYUS-WK-SAL-203 SAL203 HIWKSAL-203	Salaried		1745	17082019	Check Issued		690.43	JPMC JPMC 118899001
PYUS-SAL-WA290 Bill Hart	Salaried		1746	17082019	Check Issued		14,366.88	JPMC JPMC 118899001
PYUS-WK-SAL-204 SAL204 IDWKSAL-204	Salaried		1747	17082019	Check Issued		2,092.63	JPMC JPMC 118899001
PYUS-WK-SAL-229 SAL229 IDWKSAL-229	Salaried		1748	17082019	Check Issued		1,115.26	JPMC JPMC 118899001
PYUS-WK-SAL-230 SAL230 IDWKSAL-230	Salaried		1749	17082019	Check Issued		1,649.02	JPMC JPMC 118899001

Voided Checks



Transaction Code = 1 (void or Cancel checks)

Record Code = T for voided or canceled checks



Data Transmission Input specifications

PAYEE POSITIVE PAY

All issue files for Payee Positive Pay are transmitted to Union Bank® through an electronic mailbox. Testing of all data transmissions between the customer and the Bank is required prior to implementation.

Detail record layout

Field Name	Field Length	Field Type	Positions From	Positions To	Description
Account Number	10	N	01	10	Right justify – zero fill
Check Number*	10	N	11	20	Right justify – zero fill
Issue Date†	06	N	21	26	MMDDYY
Check Amount‡	10	N	27	36	Right justify – zero fill
Filler	02	A	37	38	Spaces/blanks
Transaction Code	01	N	39	39	0 = Issue 1 = Void (Zero Check Amount) 1 = Cancel (Issued Check Amount)
Record Code§	01	A	40	40	A = Issue (B record required) T = Void or canceled checks

* These ten digits should match those printed in magnetic ink on the check.
† For canceled records, the issue date will be the date the cancellation is submitted.
‡ Void records must contain zeros in the check amount field. Cancel records must contain the issued check amount. **Void and cancel transactions will not have a "B" record.**
§ Record code "A" is used when followed by a corresponding "B" record. If not, record code "T" is used. **Paired "A" and "B" records can be commingled with "T" records.**

Additional information record layout 1*

Field Name	Field Length	Field Type	Positions From	Positions To	Description
Customer Data	39	A/N	01	39	Payee line 1
Record Code	01	A	40	40	"B"

* This record must follow its associated "A" record to create a set.

Control record layout

Field Name	Field Length	Field Type	Positions From	Positions To	Description
Account Number	10	N	01	10	Right justify – zero fill
Branch Number*	04	N	11	14	Right justify – zero fill
Control Count†	06	N	15	20	Right justify – zero fill
Issue Date‡	06	N	21	26	MMDDYY
Control Amount†	10	N	27	36	Right justify – zero fill
Filler	03	A	37	39	Spaces/blanks
Record Code	01	A	40	40	"X"

* For accounts without branch, type, or mixed subdivisions, complete this field with zeros.

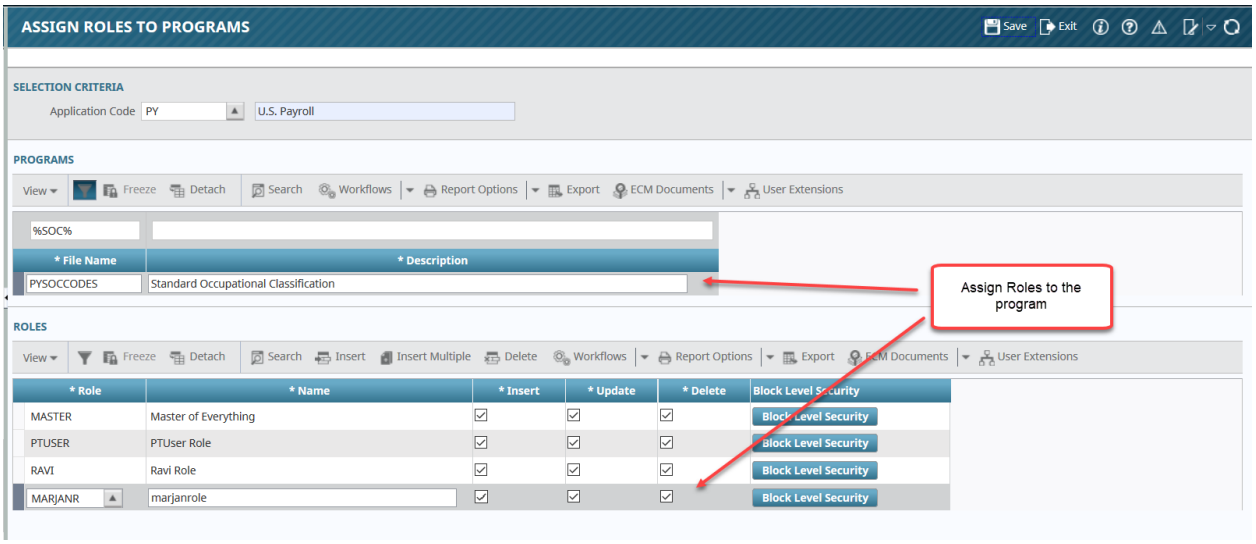
† This field represents the amount of total "Issues" only; do not include "Voids" or "Cancels."

‡ A control record should be created for each unique date of issue within each subdivision on file. Assuming an account has three branches and two different days of issues for each branch, then six control records (two for each branch) should be created.

Indiana SUI Quarterly Filing – Greenshades (19.72048)

Indiana has a new requirement for 2019 to report SOC code (Standard Occupational Classification)

Classification) in the quarterly SUI filing. CMIC will add a new master screen with the standard SOC codes than add a field on the Trade setup screen to define the SOC code. Once the SOC codes is defined on the Trade screen, when generating the xml file it will pick up the SOC code. If SOC code exists on the Trade screen it will be reported in the SUI xml file for E-Filling for Greenshades.



CMiC has added a new master screen called 'Standard Occupational Classification'.

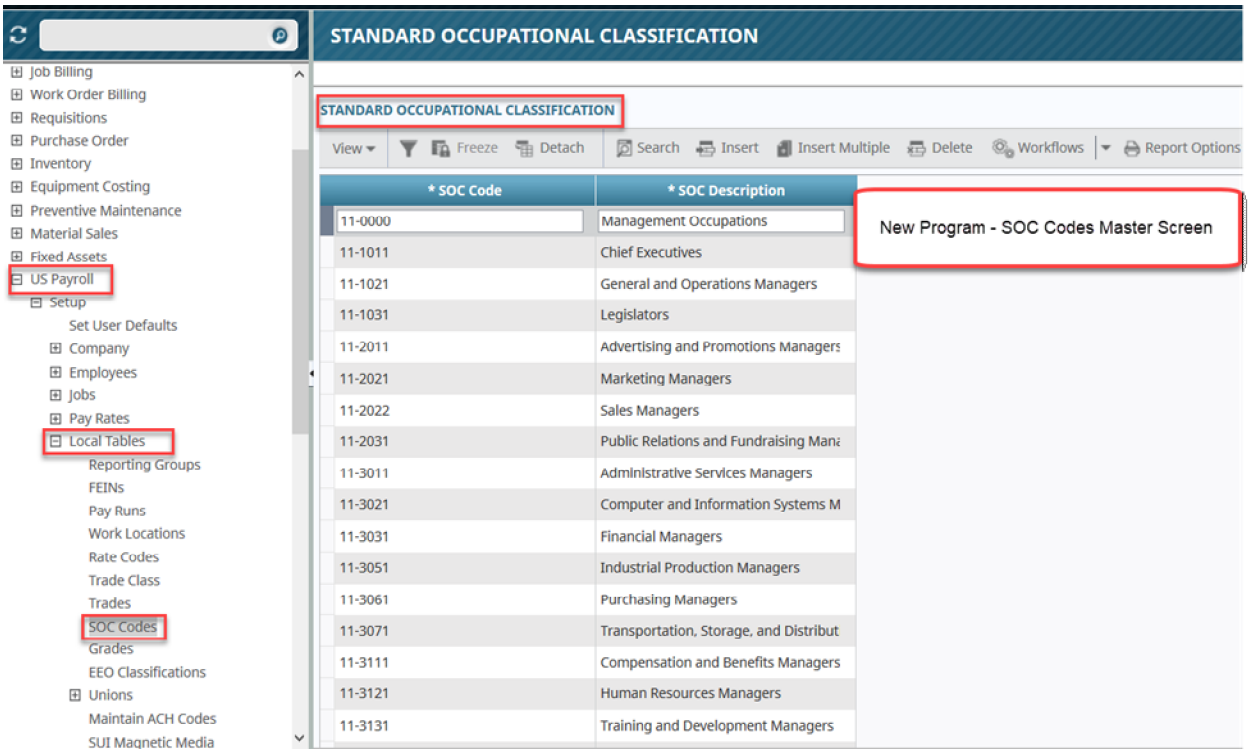
This screen will allow to manually insert, update and delete entries. Delete is only allowed if the SOC is not linked to trade on the Trade screen.

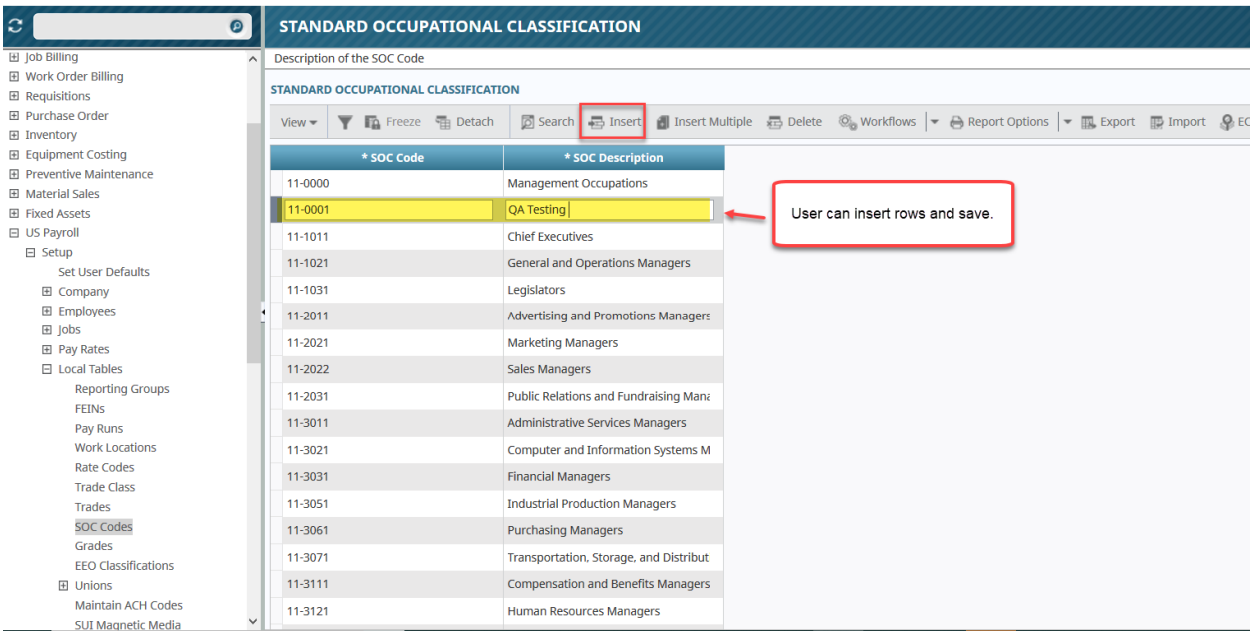
The Screen has the option to import a text (CSV File) for Code and Description only. The Import will insert new records and update exisiting records. There are no mass deletions.

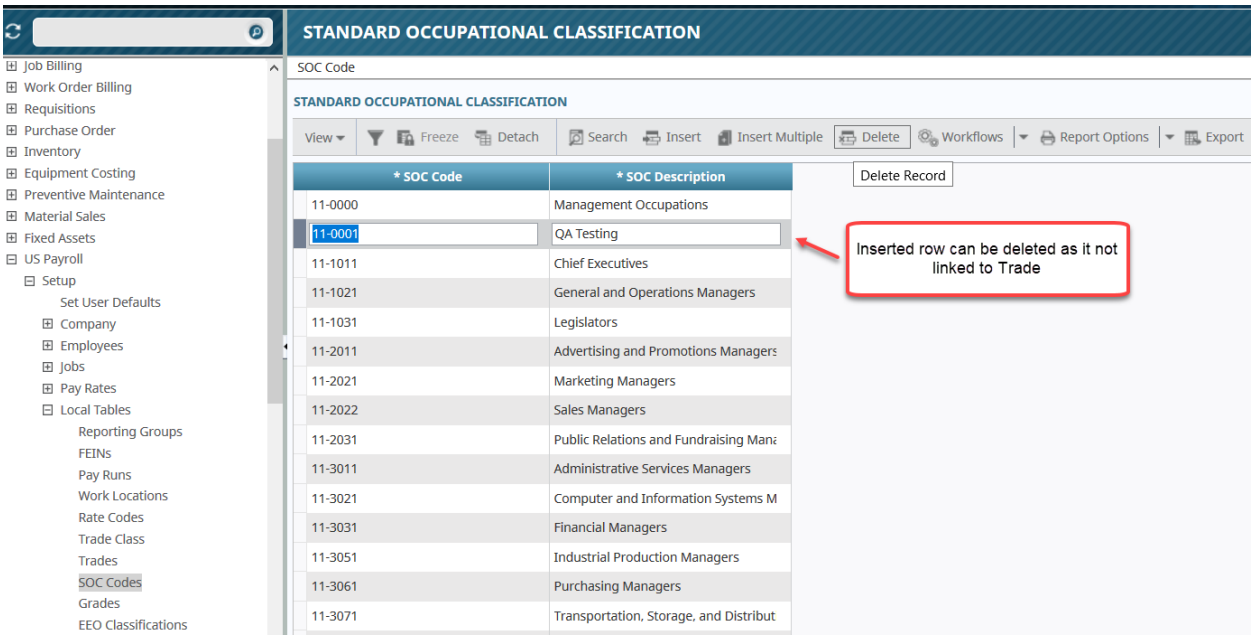
NOTE: For Cloud (Hikuu Platform), this screen will be read only (no insert, update or delete is allowed).

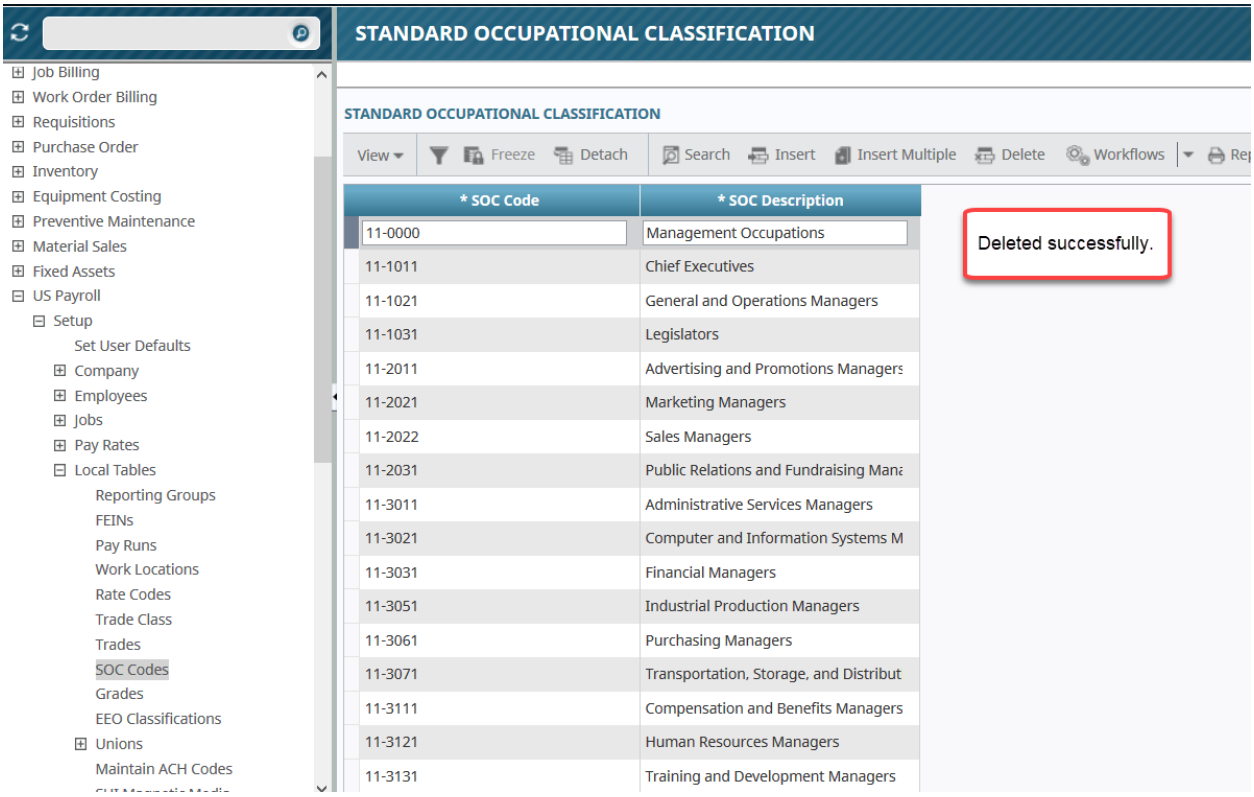
A new field/colum is added to the Trade master screen to define the SOC code on the trade. Once the SOC code is defined on the Trade screen, generating the SUTA Quarterly report will report the SOC codes. The SOC codes will be retrieved from the trade master screen.

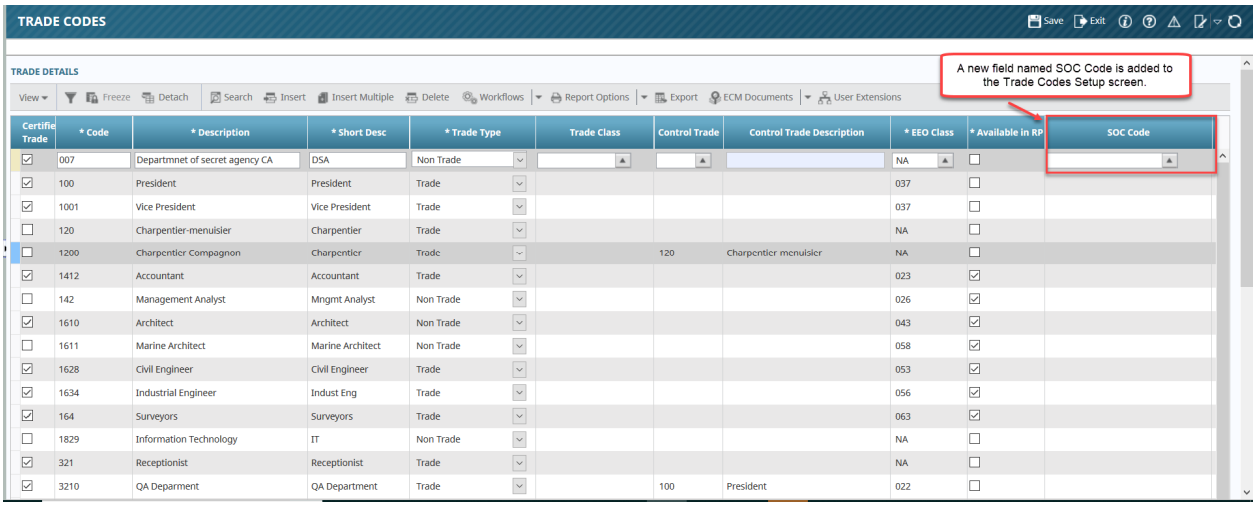
An initial load script is provided to insert all data as they are published to date.

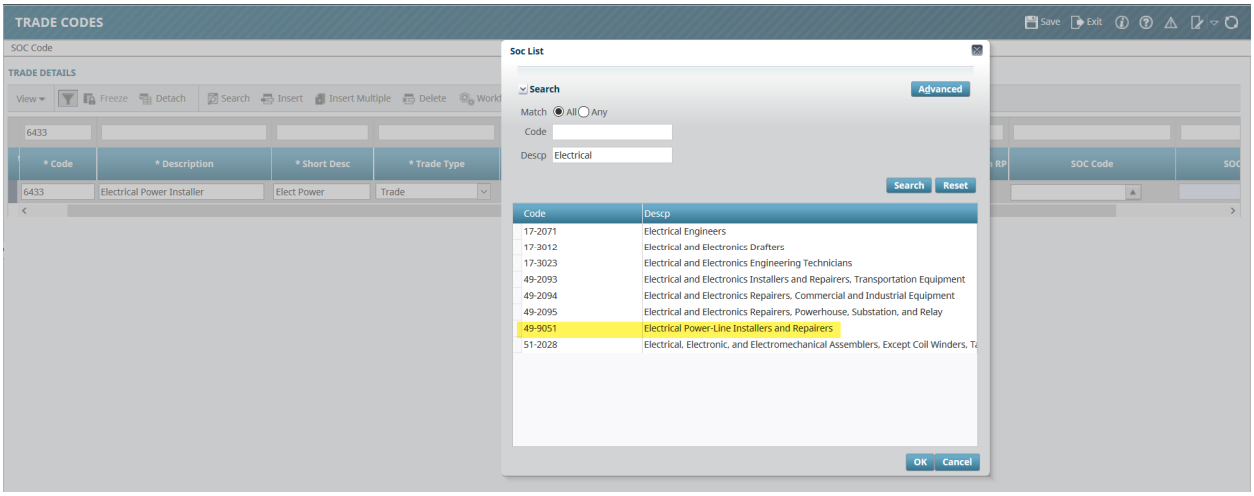


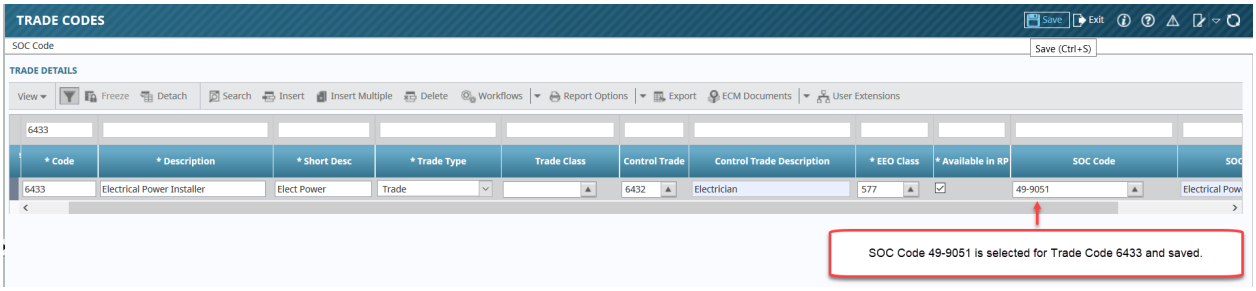


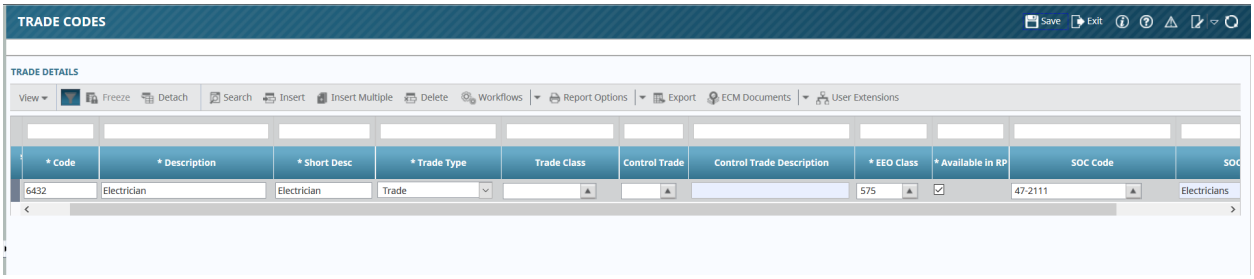

STANDARD OCCUPATIONAL CLASSIFICATION
SOC Code
STANDARD OCCUPATIONAL CLASSIFICATION
View
Freeze
Detach
Search
Insert
Insert Multiple
Delete
Workflows
Report Options
Export
Delete Record
* SOC Code
* SOC Description
11-0000
Management Occupations
11-0001
QA Testing
11-1011
Chief Executives
11-1021
General and Operations Managers
11-1031
Legislators
11-2011
Advertising and Promotions Managers
11-2021
Marketing Managers
11-2022
Sales Managers
11-2031
Public Relations and Fundraising Mana
11-3011
Administrative Services Managers
11-3021
Computer and Information Systems M
11-3031
Financial Managers
11-3051
Industrial Production Managers
11-3061
Purchasing Managers
11-3071
Transportation, Storage, and Distribut
Inserted row can be deleted as it not linked to Trade
Job Billing
Work Order Billing
Requisitions
Purchase Order
Inventory
Equipment Costing
Preventive Maintenance
Material Sales
Fixed Assets
US Payroll
Setup
Set User Defaults
Company
Employees
Jobs
Pay Rates
Local Tables
Reporting Groups
FEINs
Pay Runs
Work Locations
Rate Codes
Trade Class
Trades
SOC Codes
Grades
EEO Classifications


STANDARD OCCUPATIONAL CLASSIFICATION
STANDARD OCCUPATIONAL CLASSIFICATION
View
Freeze
Detach
Search
Insert
Insert Multiple
Delete
Workflows
* SOC Code
* SOC Description
11-0000
Management Occupations
11-1011
Chief Executives
11-1021
General and Operations Managers
11-1031
Legislators
11-2011
Advertising and Promotions Managers
11-2021
Marketing Managers
11-2022
Sales Managers
11-2031
Public Relations and Fundraising Mana
11-3011
Administrative Services Managers
11-3021
Computer and Information Systems M
11-3031
Financial Managers
11-3051
Industrial Production Managers
11-3061
Purchasing Managers
11-3071
Transportation, Storage, and Distribut
11-3111
Compensation and Benefits Managers
11-3121
Human Resources Managers
11-3131
Training and Development Managers
Deleted successfully.
Job Billing
Work Order Billing
Requisitions
Purchase Order
Inventory
Equipment Costing
Preventive Maintenance
Material Sales
Fixed Assets
US Payroll
Setup
Set User Defaults
Company
Employees
Jobs
Pay Rates
Local Tables
Reporting Groups
FEINs
Pay Runs
Work Locations
Rate Codes
Trade Class
Trades
SOC Codes
Grades
EEO Classifications
Unions
Maintain ACH Codes


TRADE CODES
Save
Exit
TRADE DETAILS
A new field named SOC Code is added to the Trade Codes Setup screen.
View
Freeze
Detach
Search
Insert
Insert Multiple
Delete
Workflows
Report Options
Export
ECM Documents
User Extensions
Certifie Trade
* Code
* Description
* Short Desc
* Trade Type
Trade Class
Control Trade
Control Trade Description
* EEO Class
* Available in RP
SOC Code
007 Departmnet of secret agency CA DSA Non Trade NA
100 President President Trade 037
1001 Vice President Vice President Trade 037
120 Charpentier-menuisier Charpentier Trade NA
1200 Charpentier Compagnon Charpentier Trade 120 Charpentier menuisier NA
1412 Accountant Accountant Trade 023
142 Management Analyst Mngmt Analyst Non Trade 026
1610 Architect Architect Non Trade 043
1611 Marine Architect Marine Architect Non Trade 058
1628 Civil Engineer Civil Engineer Trade 053
1634 Industrial Engineer Indust Eng Trade 056
164 Surveyors Surveyors Trade 063
1829 Information Technology IT Non Trade NA
321 Receptionist Receptionist Trade NA
3210 QA Deparment QA Department Trade 100 President 022

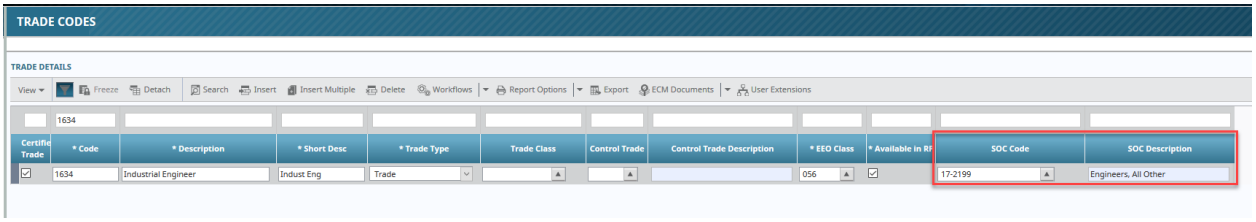

TRADE CODES
SOC Code
TRADE DETAILS
Soc List
Search
Advanced
Match All Any
Code
Descp Electrical
Search
Reset
Code
Descp
17-2071 Electrical Engineers
17-3012 Electrical and Electronics Drafters
17-3023 Electrical and Electronics Engineering Technicians
49-2093 Electrical and Electronics Installers and Repairers, Transportation Equipment
49-2094 Electrical and Electronics Repairers, Commercial and Industrial Equipment
49-2095 Electrical and Electronics Repairers, Powerhouse, Substation, and Relay
49-9051 Electrical Power-Line Installers and Repairers
51-2028 Electrical, Electronic, and Electromechanical Assemblers, Except Coil Winders, T
OK
Cancel


TRADE CODES
Save
Exit
SOC Code
Save (Ctrl+S)
TRADE DETAILS
6433
* Code
* Description
* Short Desc
* Trade Type
Trade Class
Control Trade
Control Trade Description
* EEO Class
* Available in RP
SOC Code
6433 Electrical Power Installer Elect Power Trade 6432 Electrician 577 49-9051
SOC Code 49-9051 is selected for Trade Code 6433 and saved.

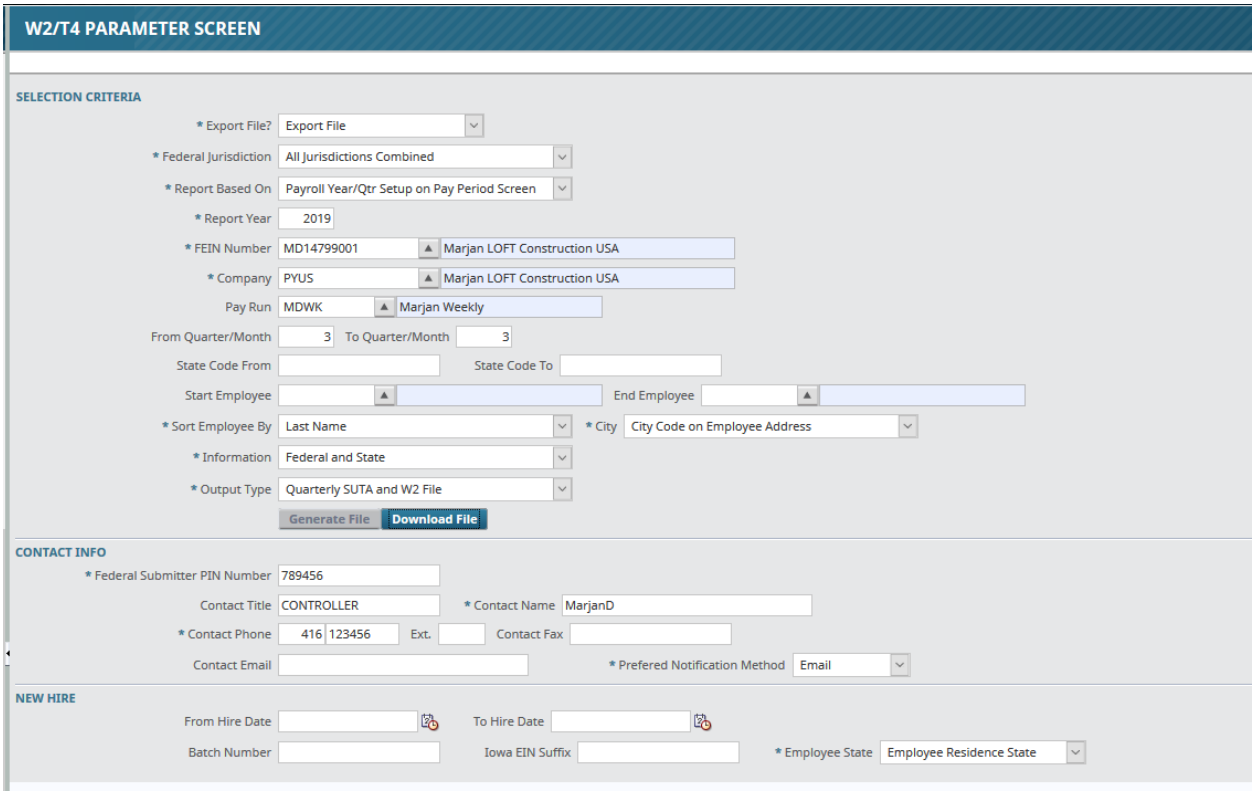

TRADE CODES
Save
Exit
TRADE DETAILS
* Code
* Description
* Short Desc
* Trade Type
Trade Class
Control Trade
Control Trade Description
* EEO Class
* Available in RP
SOC Code
6432 Electrician Electrician Trade 575 47-2111 Electricians

NOTE: Occupational Code value will not report on the XML file if they are defined and linked with the Trade Code.

Employee with Trade 1634 and linked SOC Code 17-2199.



Payroll processed and Quarterly SUTA XML File is generated.



Generated SUI Quarterly File:

Employee Residence State is Rhode Island but Work Location is Indiana.

Reported (SOC) Occupational Code Value “17-2199” on the SUTA XML under State Other tag.

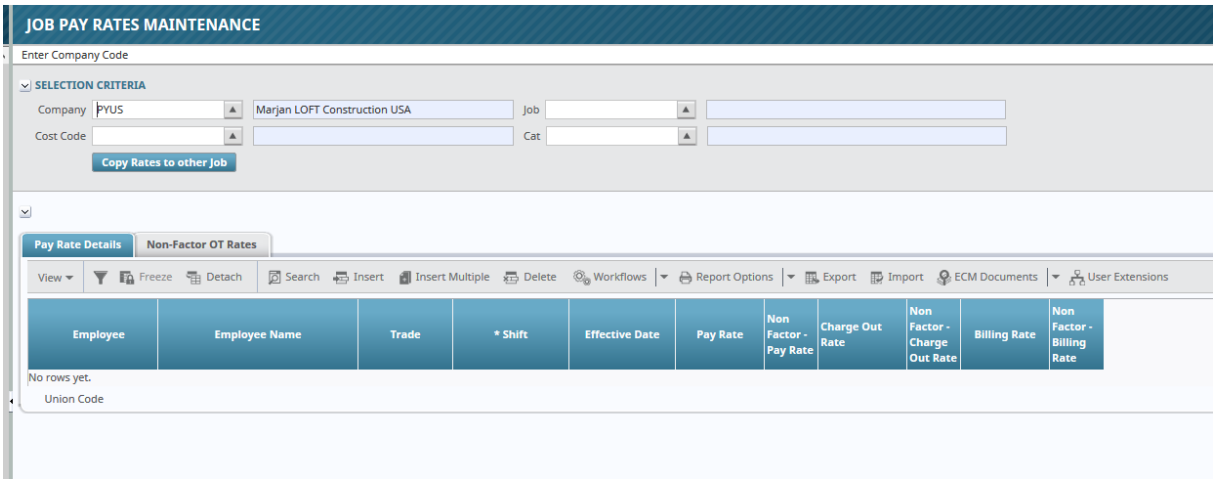
SUTA3-IN.txt - Notepad

File Edit Format View Help

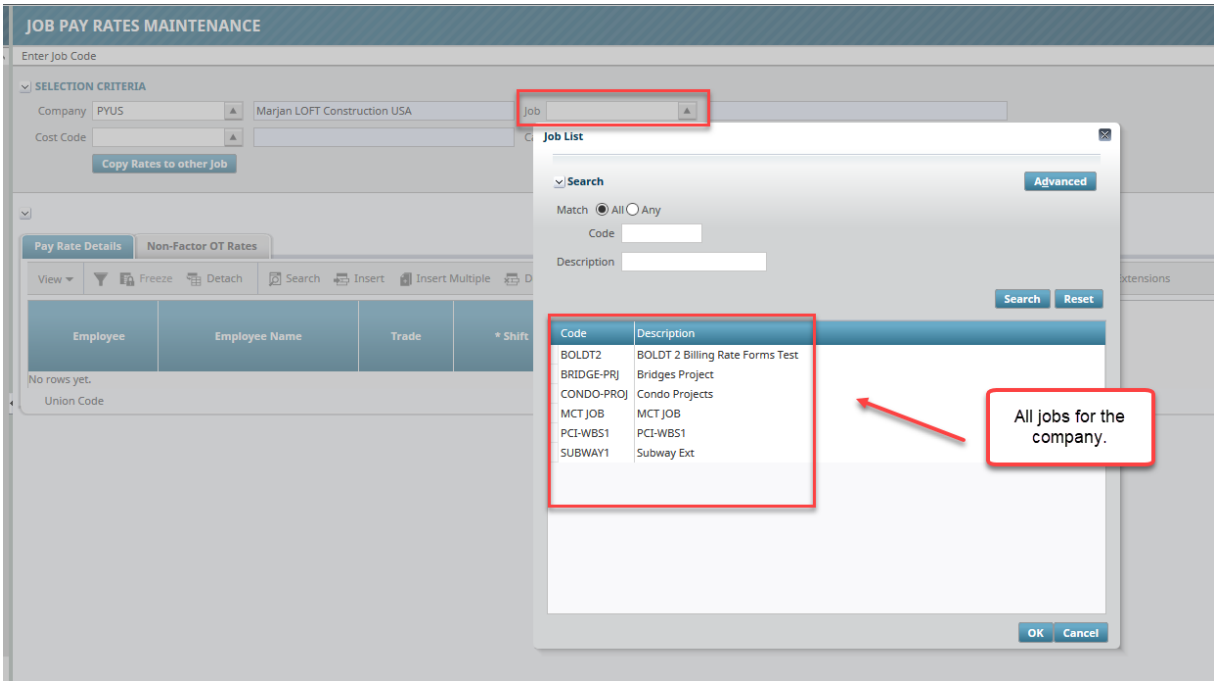
```
        </Employee>
        <Employee EmployeeID="PYUS-WK-SAL-215">
            <SSN Value="779991236" />
            <LastName Value="RIWKSAL-215" />
            <FirstName Value="SAL215" />
            <eAddress2 Value="Newport" />
            <eState Value="RI" />
            <eZip Value="02841" />
            <Gender Value="M" />
            <MaritalStatus Value="M" />
            <BirthDate Value="1969-05-05" />
            <HireDate Value="2016-12-05" />
            <HourlySalary Value="Salary" />
            <Salary Value="139000" />
            <Suta State="IN">
                <WeeksWorked Value="1" />
            </Suta>
            <Suta State="RI">
                <QuarterlySutaWages Value="18711.56" />
                <QuarterlySutaExcessWages Value="18711.56" />
                <AnnualSutaWages Value="61413.54" />
                <AnnualSutaExcessWages Value="29821.22" />
                <AnnualTaxableWages Value="31592.32" />
                <HoursWorked Value="280" />
                <WeeksWorked Value="7" />
                <WorkedOn12th1 Value="True" />
                <WorkedOn12th2 Value="True" />
            </Suta>
            <StateW2 State="RI">
                <QuarterlyStateWages Value="21384.64" />
                <QuarterlyStateTaxWithheld Value="917.2" />
            </StateW2>
            <StateOther State="RI">
                <QuarterlyDisabilityWages Value="21384.64" />
                <OccupationalCode Value="17-2199" />
            </StateOther>
```

Job Pay Rates Maintenance – ‘Job LOV display’ (19.79368)

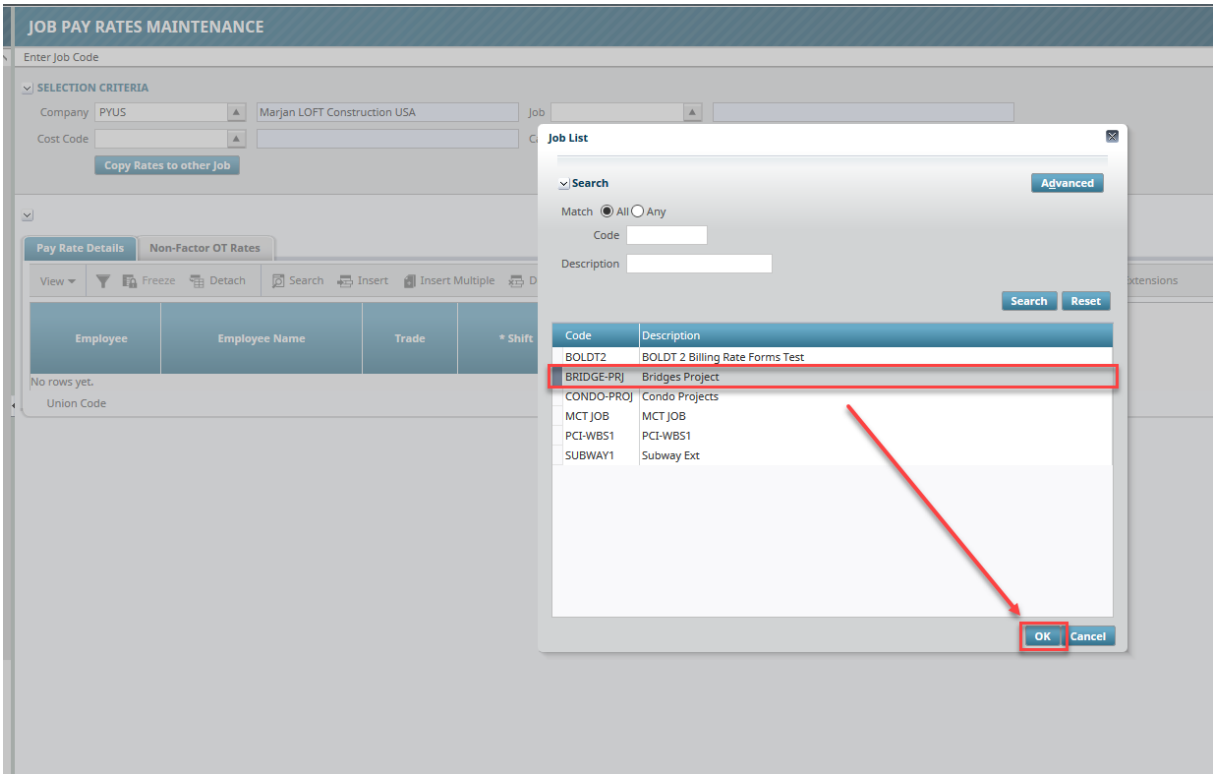
Modified the Job LOV on the Job Pay Rate Maintenance screen to display all jobs in for the company. Currently the Job LOV only displays jobs that have a cost code and category assigned to the job.



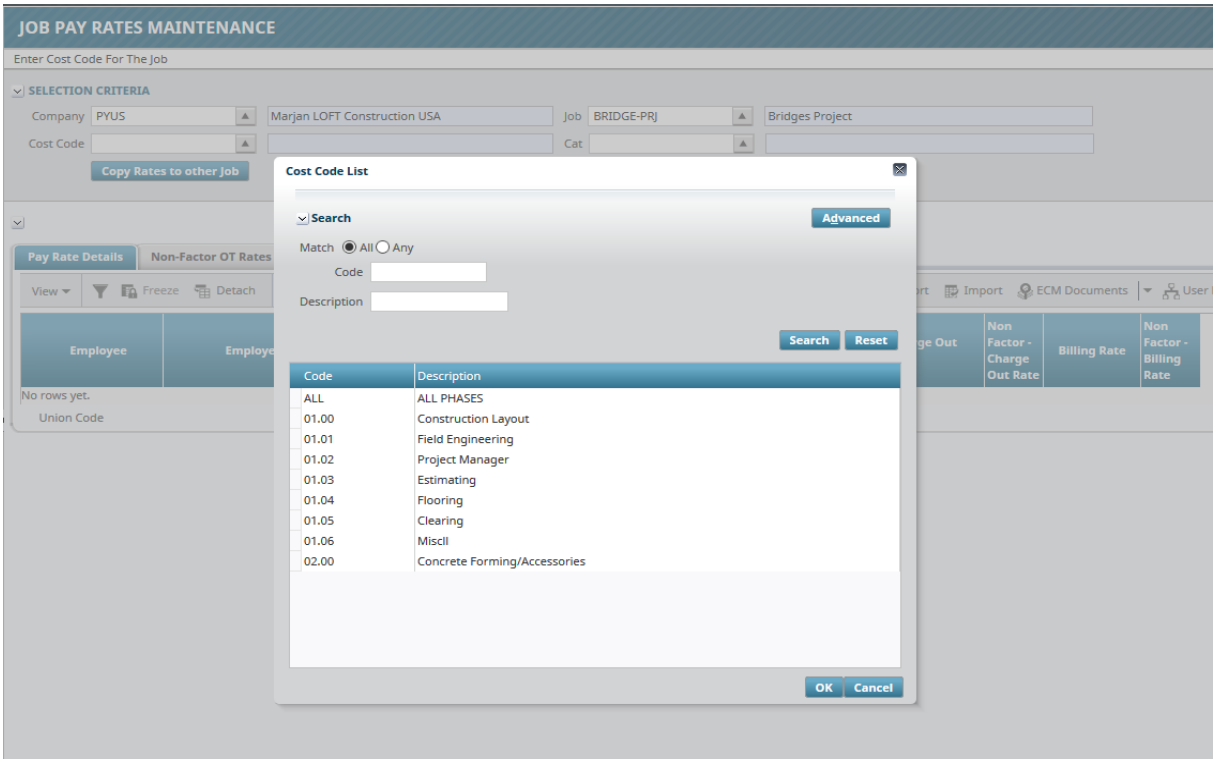
The Job LOV on the Job Pay Rates maintenance screen is modified to display all the jobs for the company.



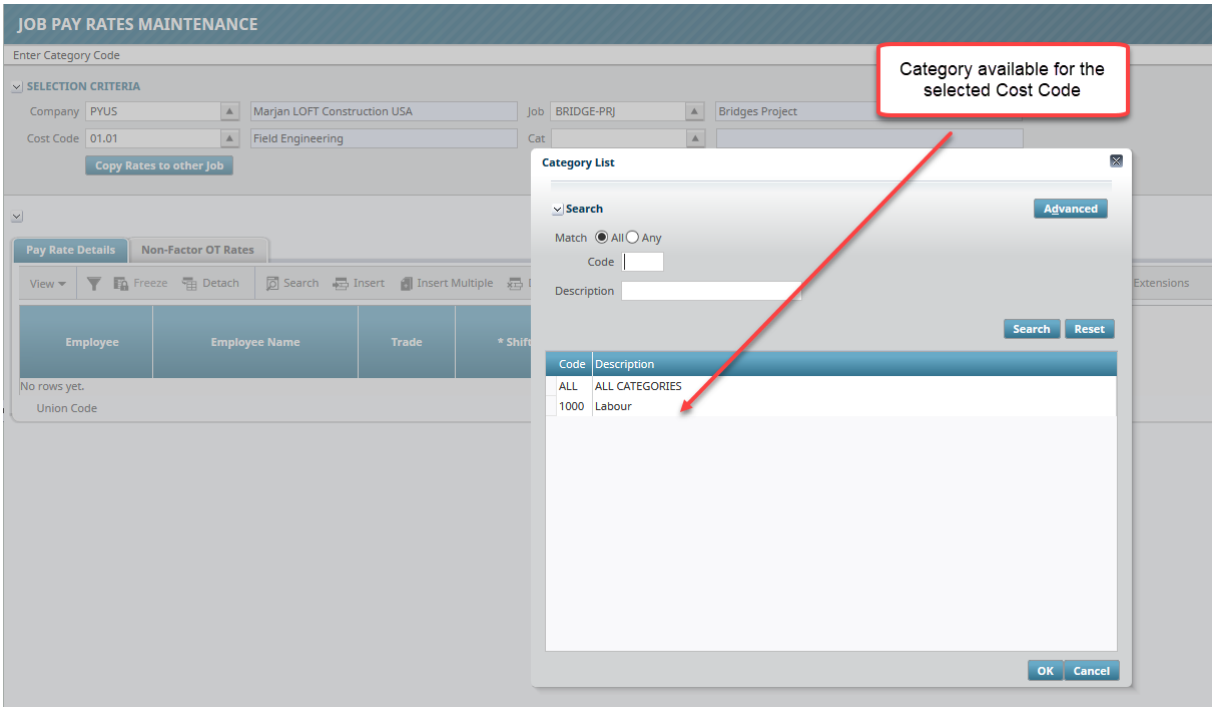
Job is selected



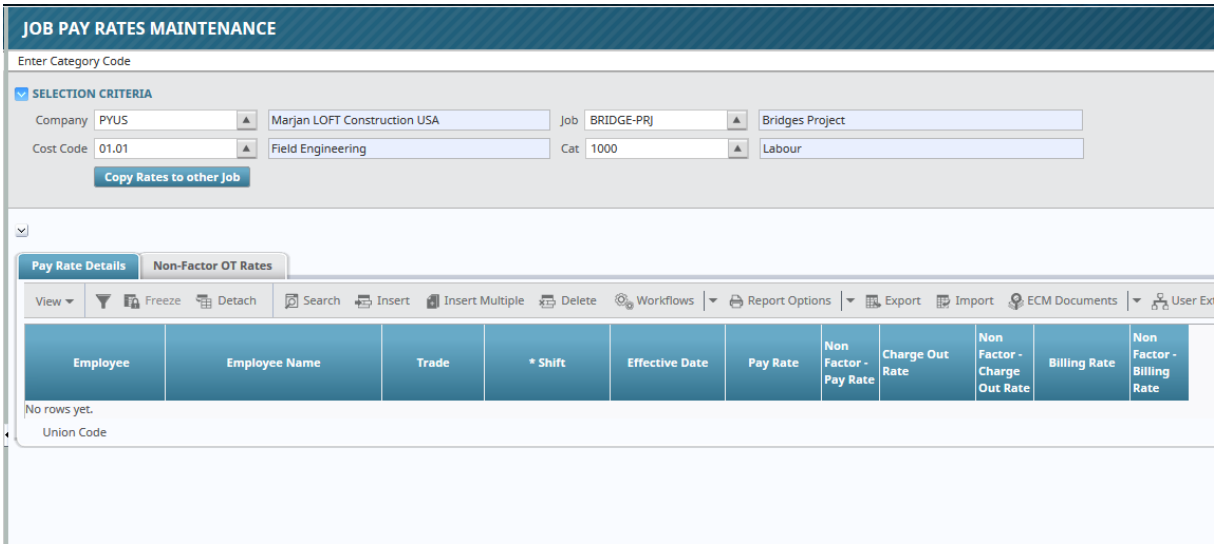
Assigned Cost Codes to the company displayed in the LOV

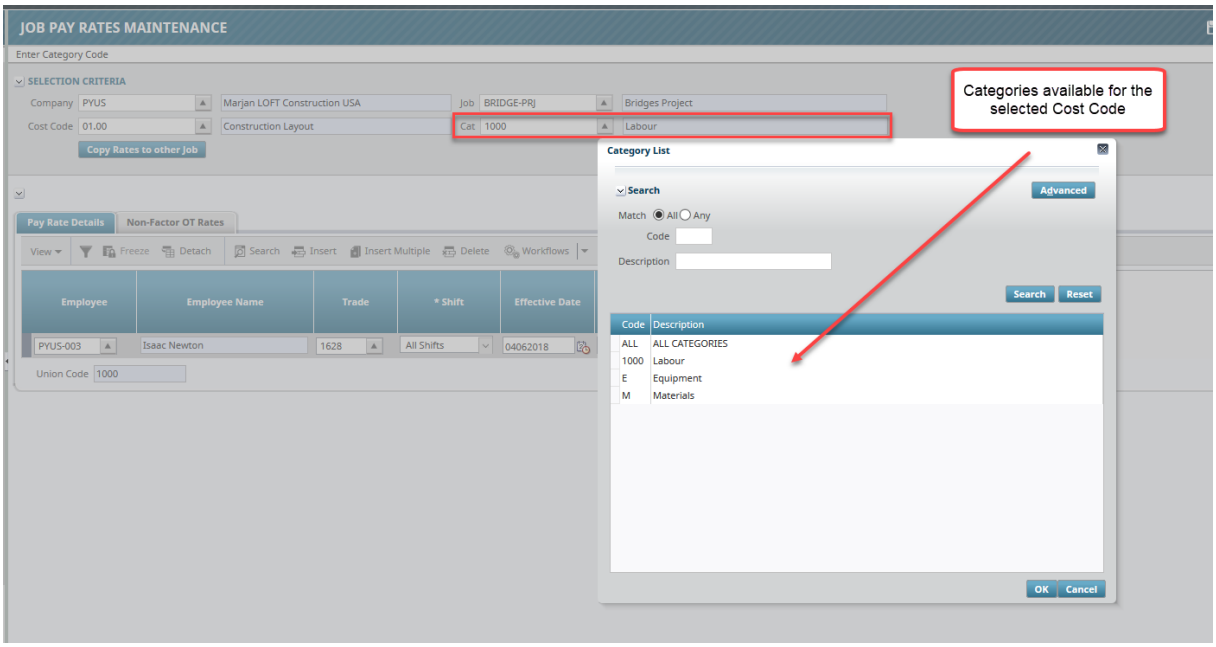


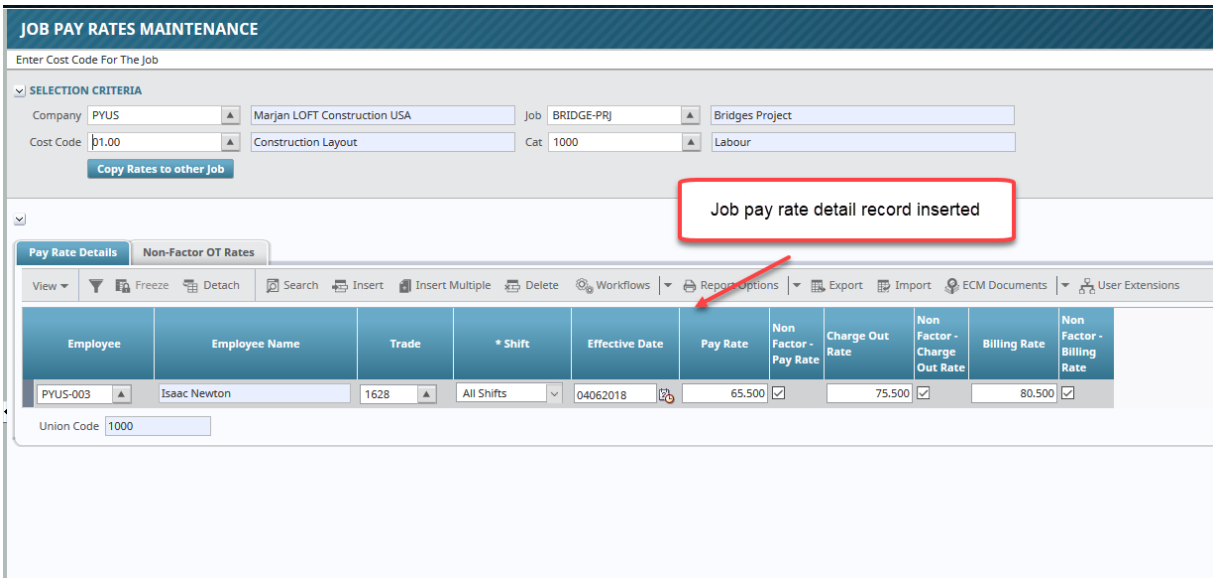
Assigned category to the selected cost code

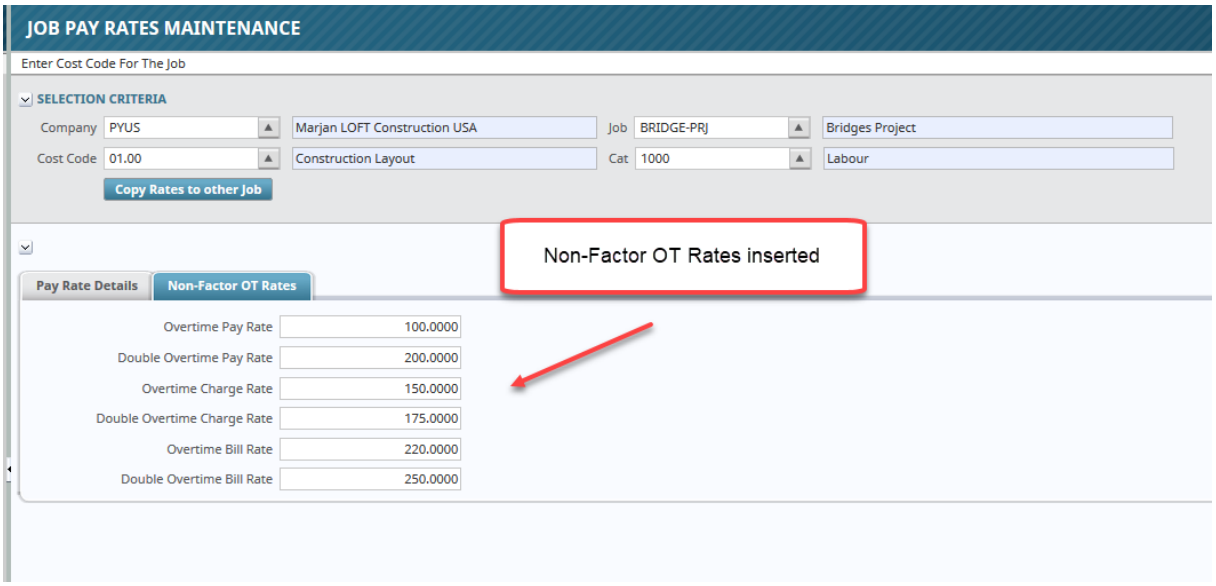


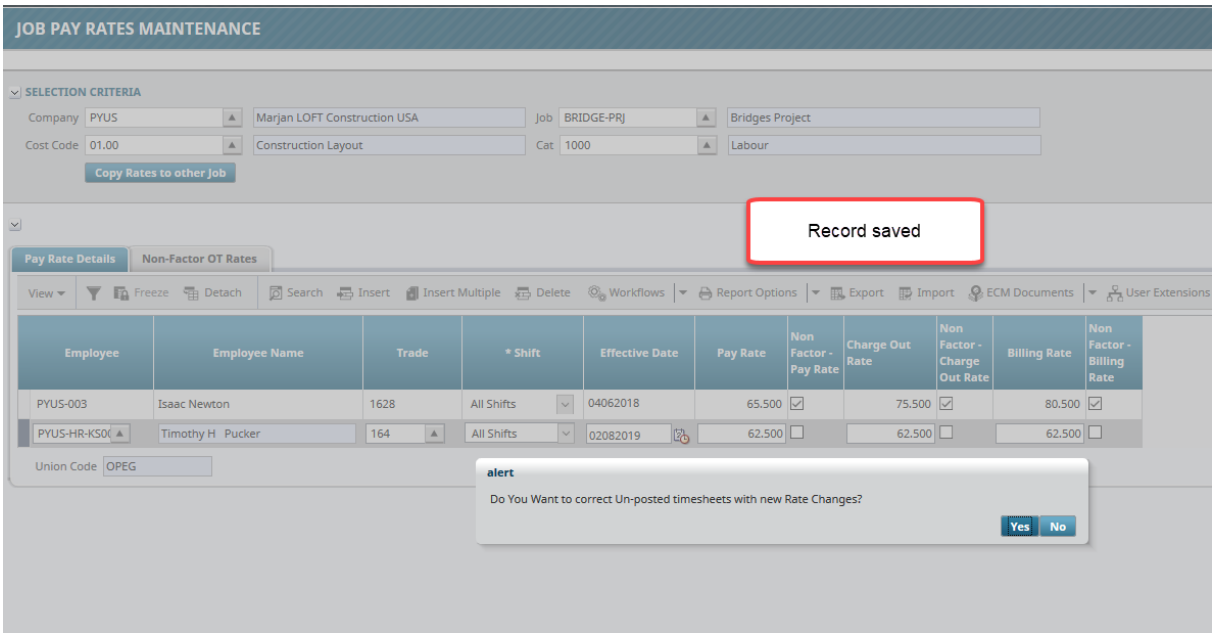
Inserting Job Pay Rate Details



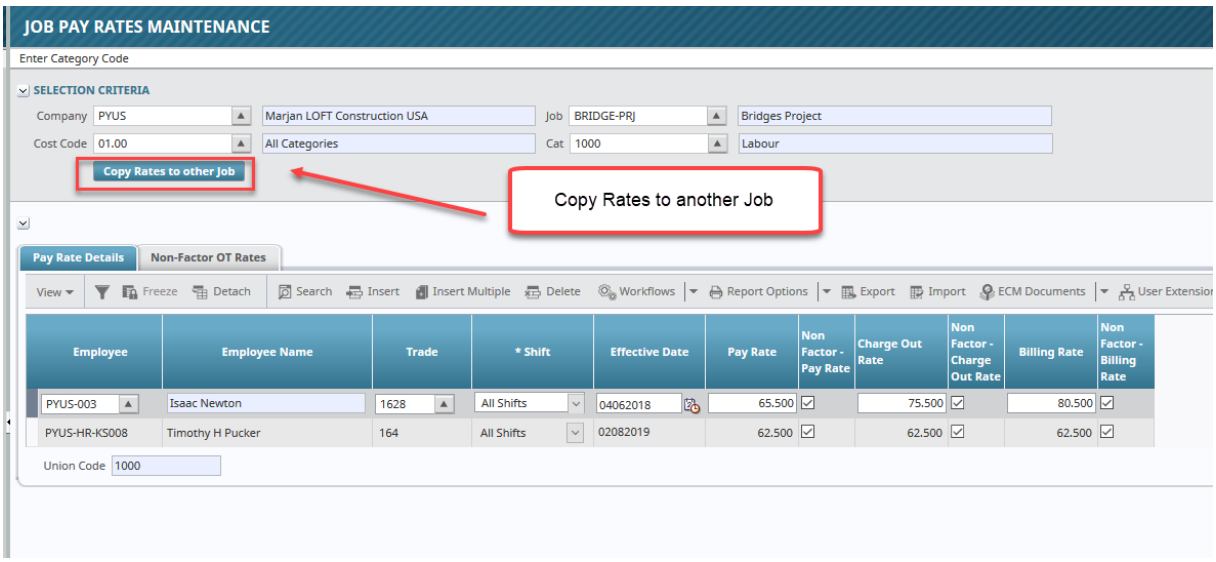


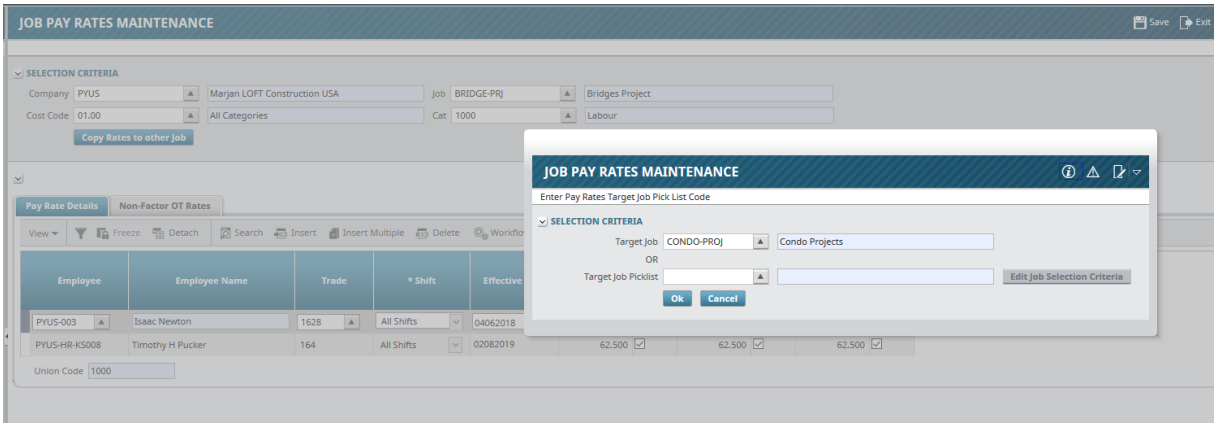

JOB PAY RATES MAINTENANCE
Enter Cost Code For The Job
SELECTION CRITERIA
Company PYUS Marjan LOFT Construction USA
Job BRIDGE-PRJ Bridges Project
Cost Code 01.00 Construction Layout
Cat 1000 Labour
Copy Rates to other Job
Job pay rate detail record inserted
Pay Rate Details
Non-Factor OT Rates
Employee
Employee Name
Trade
* Shift
Effective Date
Pay Rate
Non Factor - Pay Rate
Charge Out Rate
Non Factor - Charge Out Rate
Billing Rate
Non Factor - Billing Rate
PYUS-003
Isaac Newton
1628
All Shifts
04062018
65.500
75.500
80.500
Union Code 1000

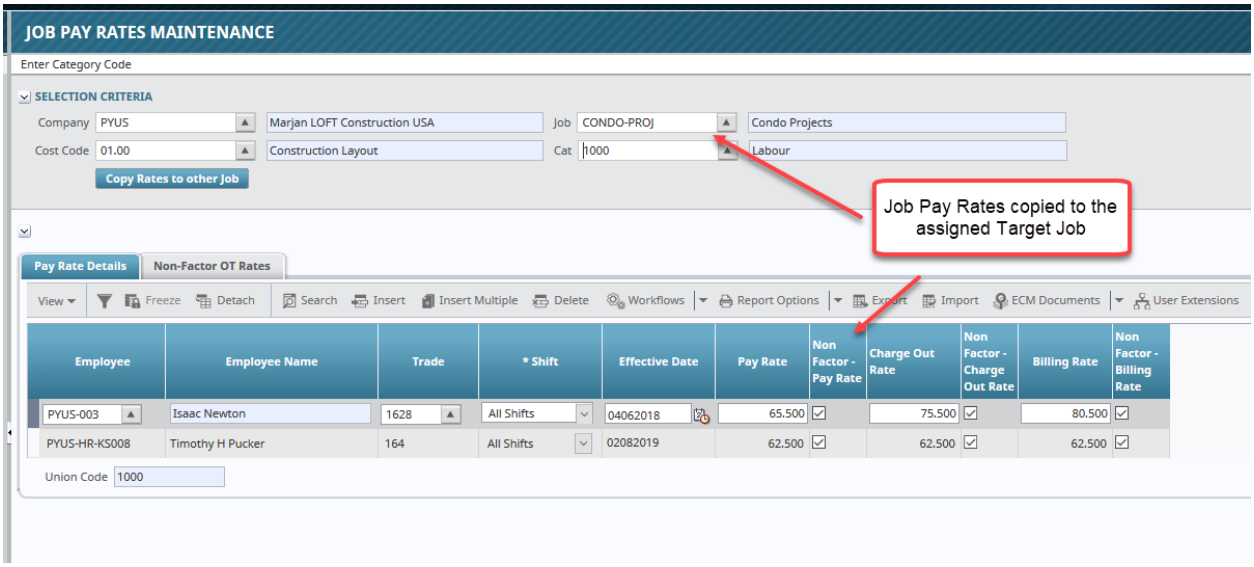

JOB PAY RATES MAINTENANCE
Enter Cost Code For The Job
SELECTION CRITERIA
Company PYUS Marjan LOFT Construction USA
Job BRIDGE-PRJ Bridges Project
Cost Code 01.00 Construction Layout
Cat 1000 Labour
Copy Rates to other Job
Non-Factor OT Rates inserted
Pay Rate Details
Non-Factor OT Rates
Overtime Pay Rate 100.0000
Double Overtime Pay Rate 200.0000
Overtime Charge Rate 150.0000
Double Overtime Charge Rate 175.0000
Overtime Bill Rate 220.0000
Double Overtime Bill Rate 250.0000

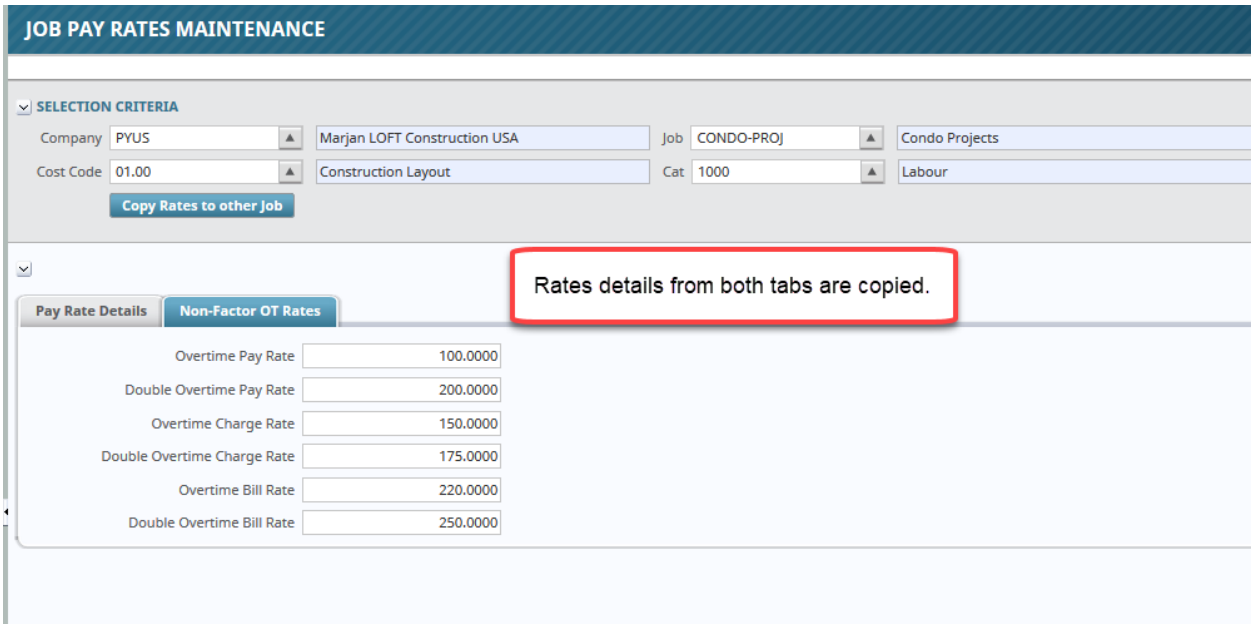


Copy Rates to other Job




JOB PAY RATES MAINTENANCE
SELECTION CRITERIA
Copy Rates to other Job
JOB PAY RATES MAINTENANCE
Enter Pay Rates Target Job Pick List Code
SELECTION CRITERIA
Target Job CONDO-PROJ
Condo Projects
OR
Target Job Picklist
Edit Job Selection Criteria
Ok
Cancel
Pay Rate Details
Non-Factor OT Rates


JOB PAY RATES MAINTENANCE
Enter Category Code
SELECTION CRITERIA
Company PYUS
Marjan LOFT Construction USA
Job CONDO-PROJ
Condo Projects
Cost Code 01.00
Construction Layout
Cat 1000
Labour
Copy Rates to other Job
Job Pay Rates copied to the assigned Target Job
Pay Rate Details
Non-Factor OT Rates
Employee
Employee Name
Trade
* Shift
Effective Date
Pay Rate
Non Factor - Pay Rate
Charge Out Rate
Non Factor - Charge Out Rate
Billing Rate
Non Factor - Billing Rate
PYUS-003
Isaac Newton
1628
All Shifts
04062018
65.500
75.500
80.500
PYUS-HR-KS008
Timothy H Pucker
164
All Shifts
02082019
62.500
62.500
62.500
Union Code 1000


JOB PAY RATES MAINTENANCE
SELECTION CRITERIA
Company PYUS
Marjan LOFT Construction USA
Job CONDO-PROJ
Condo Projects
Cost Code 01.00
Construction Layout
Cat 1000
Labour
Copy Rates to other Job
Rates details from both tabs are copied.
Pay Rate Details
Non-Factor OT Rates
Overtime Pay Rate 100.0000
Double Overtime Pay Rate 200.0000
Overtime Charge Rate 150.0000
Double Overtime Charge Rate 175.0000
Overtime Bill Rate 220.0000
Double Overtime Bill Rate 250.0000

Payroll (Non-US/International)

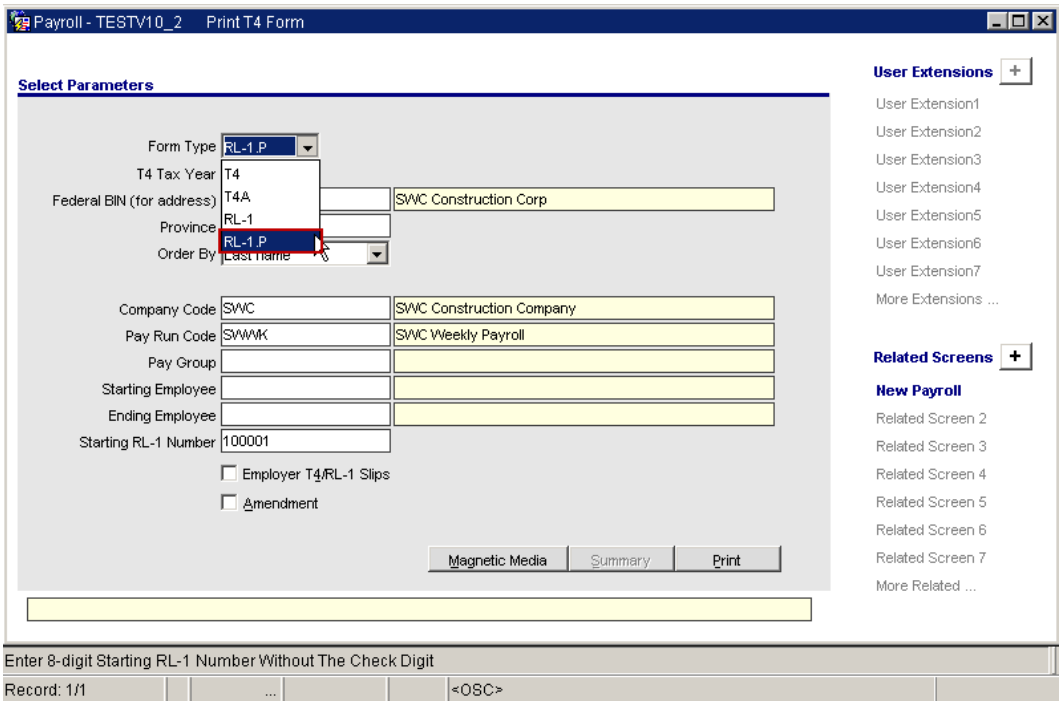
Rates by Union in Timesheet Entry (08.23662)

Modified timesheet entry to allow rates by union or controlling union with job/sector/schedule.

Insurance Benefit Setup (08.23664)

Modified Deductions processing and employer contributions with addition of Group Code for handling of Quebec Insurance deductions.

Changes for RL-1 for 2011 & Taxes in 2012 in QC (11.64144)



py1070ca.fmx

Added an option 'RL-1.P' for form type list and when selected, a new report **py1095pca.rep** is called and prints in letter size as per the current changes in the fields and positions with two copies of a record on each page.

NOTE: The existing RL-1 option calls the standard report py1095ca.rep that is formatted/adjusted to print in legal size with three copies of a record on each page.

New Employer Health Taxes for BC & NL (18.65261)

New Employer Health Taxes for BC and NL - Canadian Payroll updated (Effective January 1 2019).

(1) CPP FORMULA CHANGE:

Effective January 2019, revenue Canada has changed CPP formula for employees who worked in Quebec (and paid QPP) and then transferred to a province outside Quebec in the same calendar year and is now subject to CPP. The new formula is to ensure enough CPP is deducted.

(2) EMPLOYER HEALTH TAX FOR BRITISH COLUMBIA AND NEWFOUNDLAND:

Program has been modified to support employer health tax for British Columbia (introduced in 2019) and for Newfoundland (around for a while but our program did NOT support it). Beginning in 2019 they will be calculated if employer has employees working in BC or NL. Program will use the same tax code EHT (taxid 59) that is used for Ontario employer health. Employer health tax rate for each province must be set up in payroll company control.

<u>CLIENTS WHO HAVE EMPLOYEES WORKING IN BC AND/OR NL MUST PERFORM THE FOLLOWING SETUP STEPS:</u>

Enter employer health tax rate for BC and NL in payroll company control. If client's payroll control does not have these fields available, then they need to create an issue requesting a version that does allow entry.

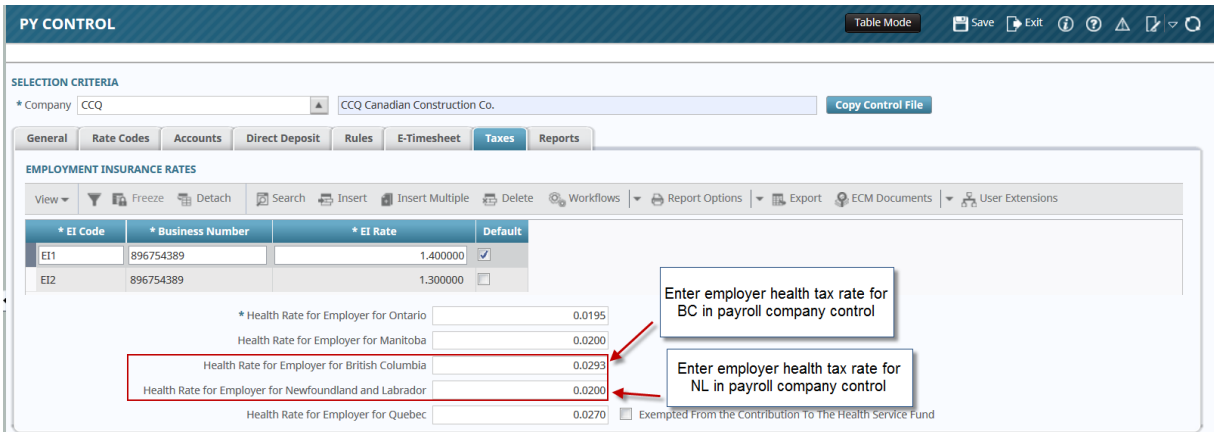
Clients must set up tax elements for BC and NL employer health tax under tax code EHT.

Clients must set up GL accounts for BC and NL employer health tax under tax code EHT. GL accounts need to be set up even if clients employer health tax rate is zero.

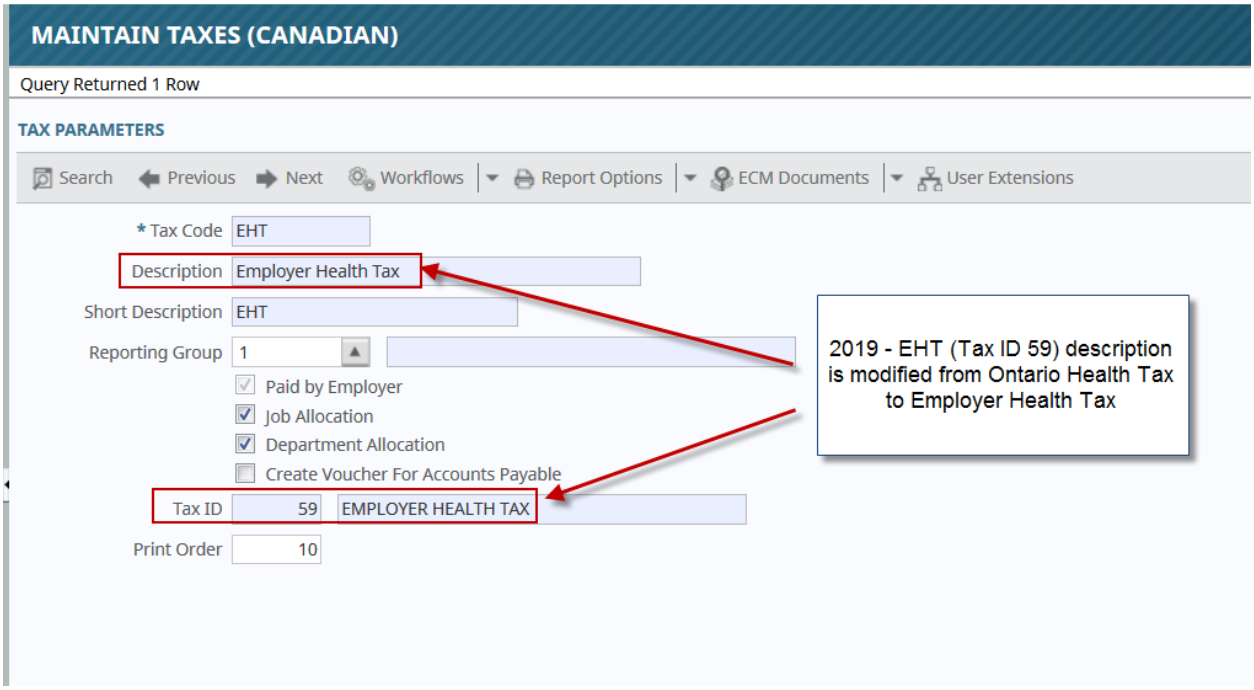
There are two new fields added on the PY Company Control under Taxes Tab

Health Rate for Employer for British Columbia

Health rate for Employer for Newfoundland and Labrador (NL)



EHT Description is changed from Ontario Health tax and updated to Employer Health Tax



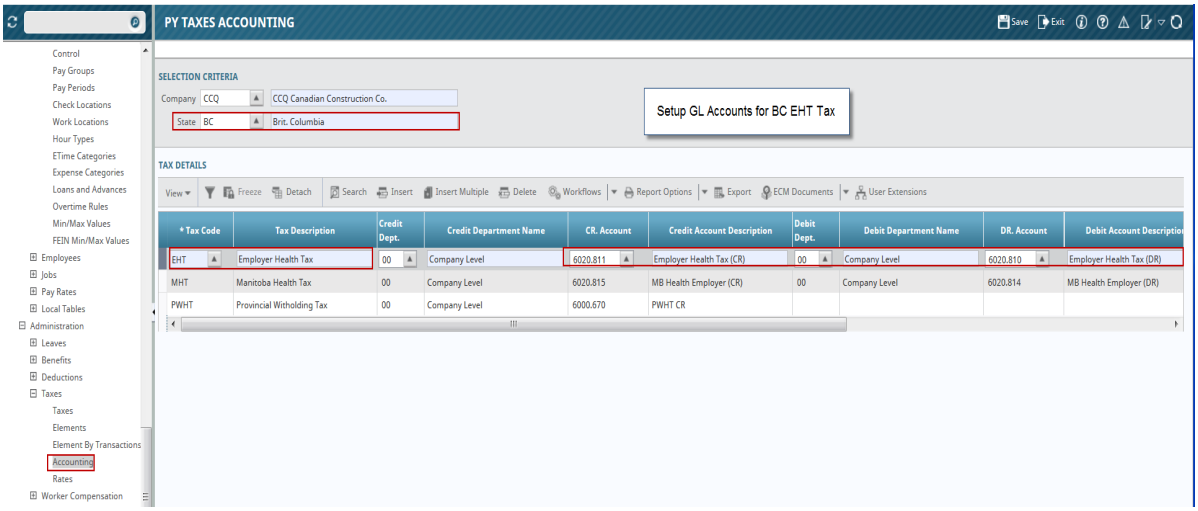
Maximum Insurable Earnings:

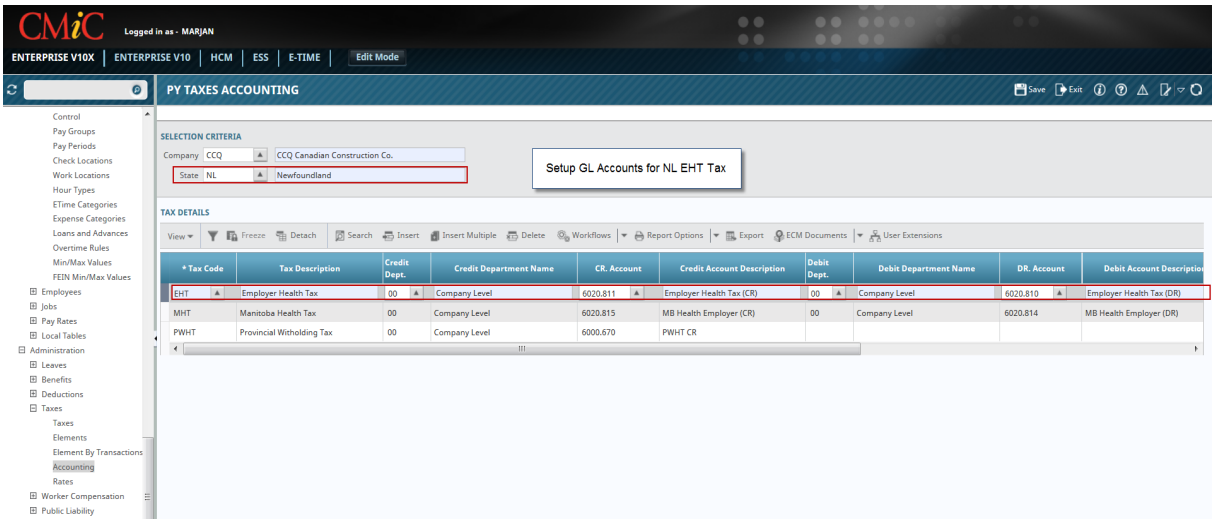
- Section 4 of the Employment Insurance Act provides for the annual calculation of the MIE, which is the maximum annual amount of employment income on which EI premiums are paid by workers and their employers and for which benefits may be paid. The MIE for 2019 is $53,100, up from $51,700 in 2018.
- The MIE is indexed to the annual percentage increase in the average weekly earnings of the industrial aggregate in Canada, as published by Statistics Canada, to ensure that the level of income insured maintains its relative value.
- As a result of the MIE and premium rates for the year, the maximum amounts of premiums paid by workers and employers (per employee) for 2019 are shown in the table below.

Maximum Insurable Earnings table:

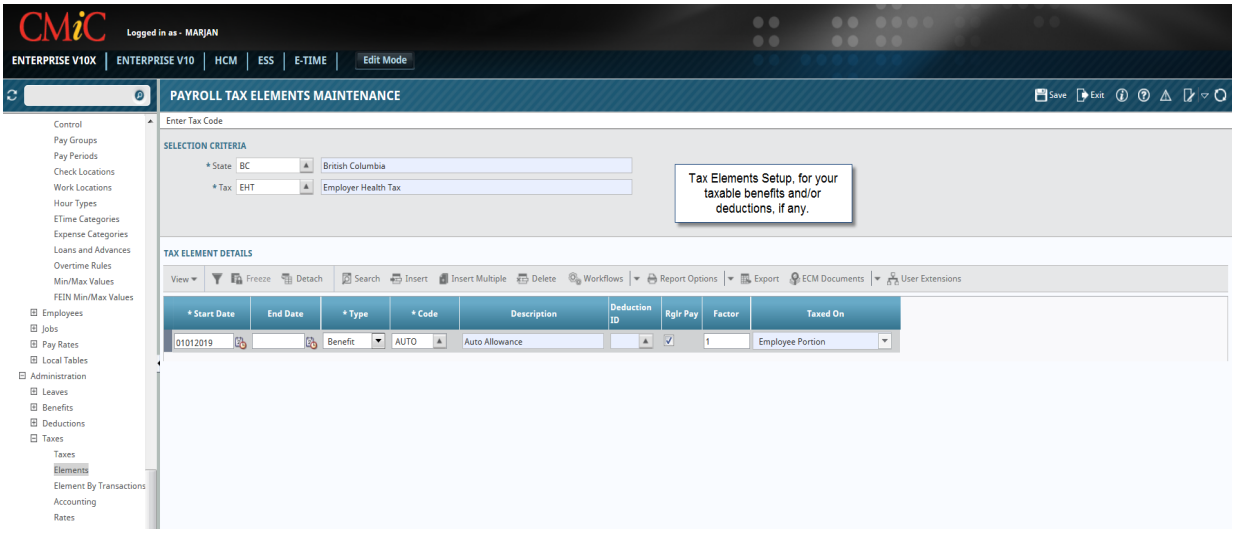
	EI Premium Rate (per $100 of insurable earnings)	Maximum Annual EI Contribution	Difference in Maximum Annual EI Contribution from 2018
Workers	$1.62	$860.22	+$2.00
Employers	$1.62 x 1.4 = $2.268	$1204.31	+$2.80
Workers in Quebec	$1.25	$663.75	-$8.35
Quebec Employers	$1.25 x 1.4 = $1.75	$929.25	-$11.69

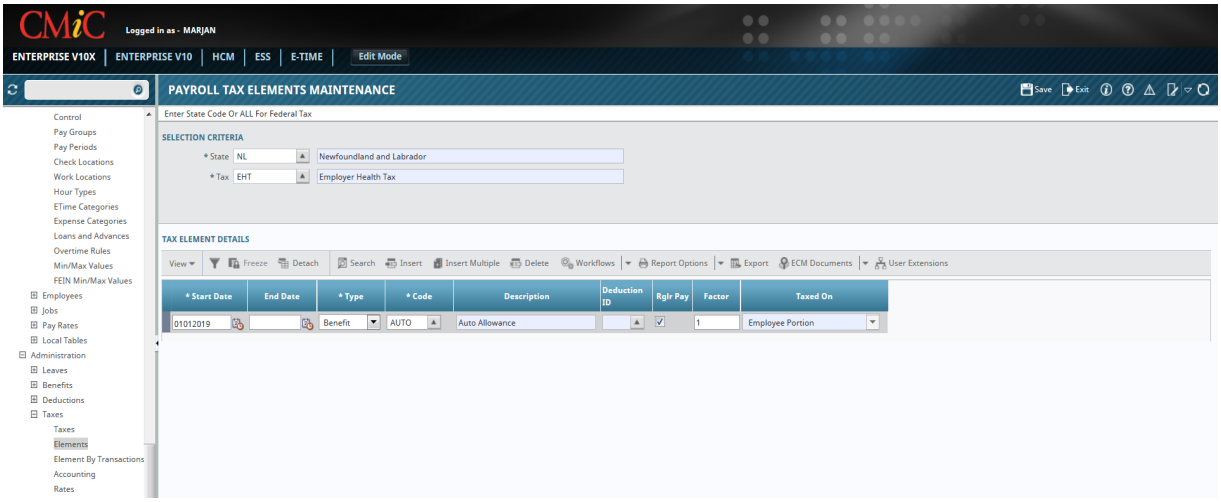
Setup GL Accounts for BC and NL EHT


PY TAXES ACCOUNTING
Save
Exit
SELECTION CRITERIA
Company CCQ
CCQ Canadian Construction Co.
State BC
Brit. Columbia
Setup GL Accounts for BC EHT Tax
TAX DETAILS
View
Freeze
Detach
Search
Insert
Insert Multiple
Delete
Workflows
Report Options
Export
ECM Documents
User Extensions
* Tax Code
Tax Description
Credit Dept.
Credit Department Name
CR. Account
Credit Account Description
Debit Dept.
Debit Department Name
DR. Account
Debit Account Description
EHT
Employer Health Tax
00
Company Level
6020.811
Employer Health Tax (CR)
00
Company Level
6020.810
Employer Health Tax (DR)
MHT
Manitoba Health Tax
00
Company Level
6020.815
MB Health Employer (CR)
00
Company Level
6020.814
MB Health Employer (DR)
PWHT
Provincial Witholding Tax
00
Company Level
6000.670
PWHT CR
Control
Pay Groups
Pay Periods
Check Locations
Work Locations
Hour Types
ETime Categories
Expense Categories
Loans and Advances
Overtime Rules
Min/Max Values
FEIN Min/Max Values
Employees
Jobs
Pay Rates
Local Tables
Administration
Leaves
Benefits
Deductions
Taxes
Taxes
Elements
Element By Transactions
Accounting
Rates
Worker Compensation

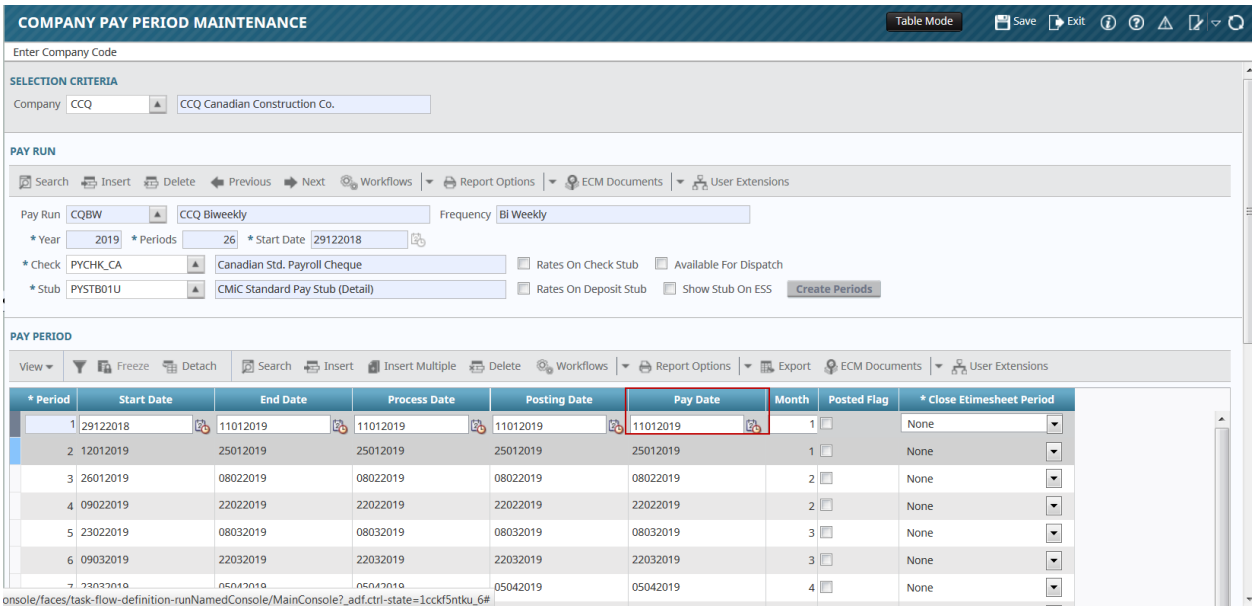

CMiC
Logged in as - MARJAN
ENTERPRISE V10X
ENTERPRISE V10
HCM
ESS
E-TIME
Edit Mode
PY TAXES ACCOUNTING
Save
Exit
SELECTION CRITERIA
Company CCQ
CCQ Canadian Construction Co.
State NL
Newfoundland
Setup GL Accounts for NL EHT Tax
TAX DETAILS
View
Freeze
Detach
Search
Insert
Insert Multiple
Delete
Workflows
Report Options
Export
ECM Documents
User Extensions
* Tax Code
Tax Description
Credit Dept.
Credit Department Name
CR. Account
Credit Account Description
Debit Dept.
Debit Department Name
DR. Account
Debit Account Description
EHT
Employer Health Tax
00
Company Level
6020.811
Employer Health Tax (CR)
00
Company Level
6020.810
Employer Health Tax (DR)
MHT
Manitoba Health Tax
00
Company Level
6020.815
MB Health Employer (CR)
00
Company Level
6020.814
MB Health Employer (DR)
PWHT
Provincial Witholding Tax
00
Company Level
6000.670
PWHT CR
Control
Pay Groups
Pay Periods
Check Locations
Work Locations
Hour Types
ETime Categories
Expense Categories
Loans and Advances
Overtime Rules
Min/Max Values
FEIN Min/Max Values
Employees
Jobs
Pay Rates
Local Tables
Administration
Leaves
Benefits
Deductions
Taxes
Taxes
Elements
Element By Transactions
Accounting
Rates
Worker Compensation
Public Liability

Tax Elements – For Taxable Benefits and Deductions, if any.

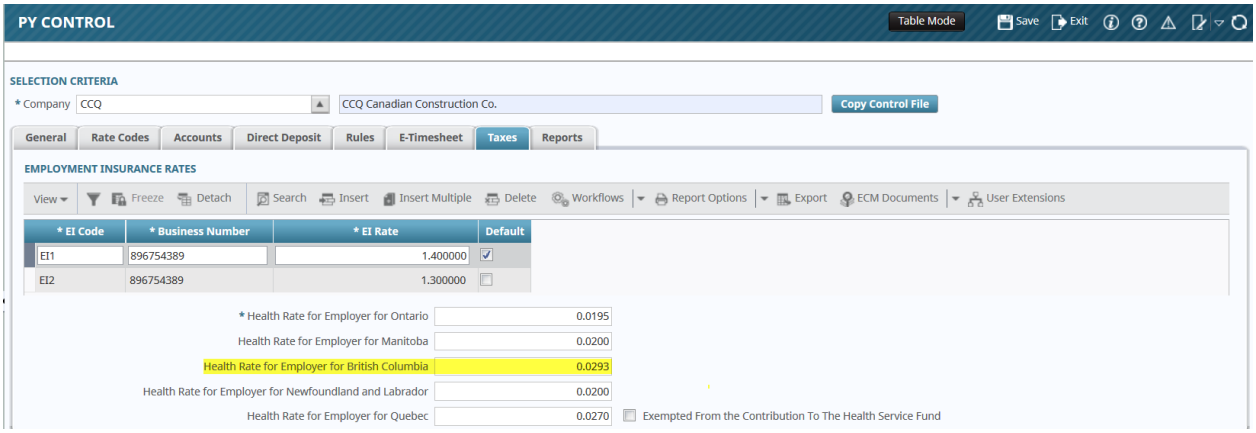




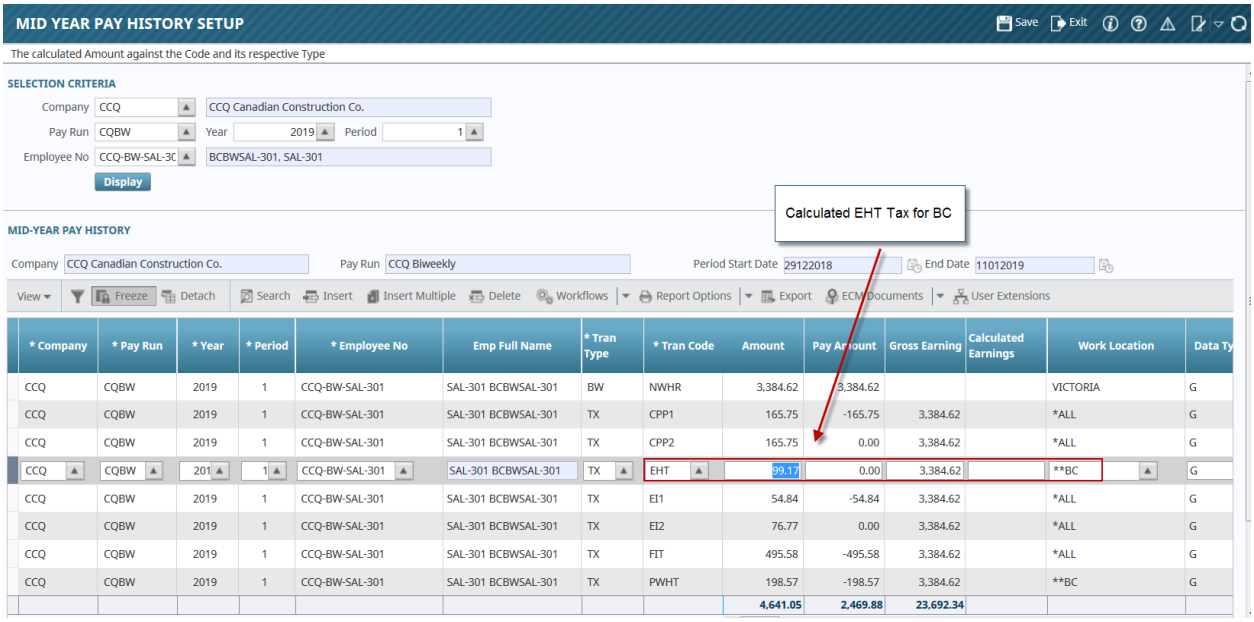
NOTE: Customers should remember that the new tax rates will always get calculated and applied based on the Pay Date. Example below:



BC – Employer Health Tax Changes 2019



EHT Taxes are calculated for BC in 2019



Salary calculation: Result

Employee's name:	**bc**
Employer's name:	**cmic**
Pay period frequency:	**Biweekly (26 pay periods a year)**
Date the employee is paid:	**2019-01-11 (YYYY-MM-DD)**
Province of employment:	**British Columbia**
Federal amount from TD1:	**Minimum - 12,069.00 (Claim Code 1)**
Provincial amount from TD1:	**Minimum - 10,682.00 (Claim Code 1)**

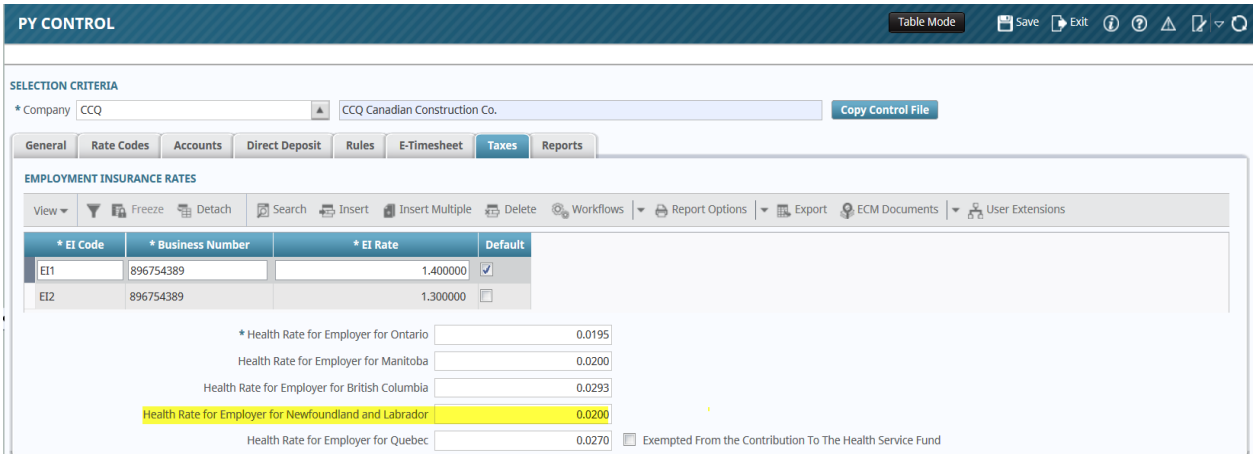
Salary or wages income	3,384.62	
Total cash income		**3,384.62**
Taxable income for the pay period	3,384.62	
Pensionable earnings for the pay period	3,384.62	
Insurable earnings for the pay period	3,384.62	
Federal tax deduction	495.58	
Provincial tax deduction	198.57	
Total tax deductions	694.15	
CPP deductions	165.75	
EI deductions	54.83	
Total deductions		**914.73**
Net amount		**2,469.89**

Salary calculation: Employer remittance summary

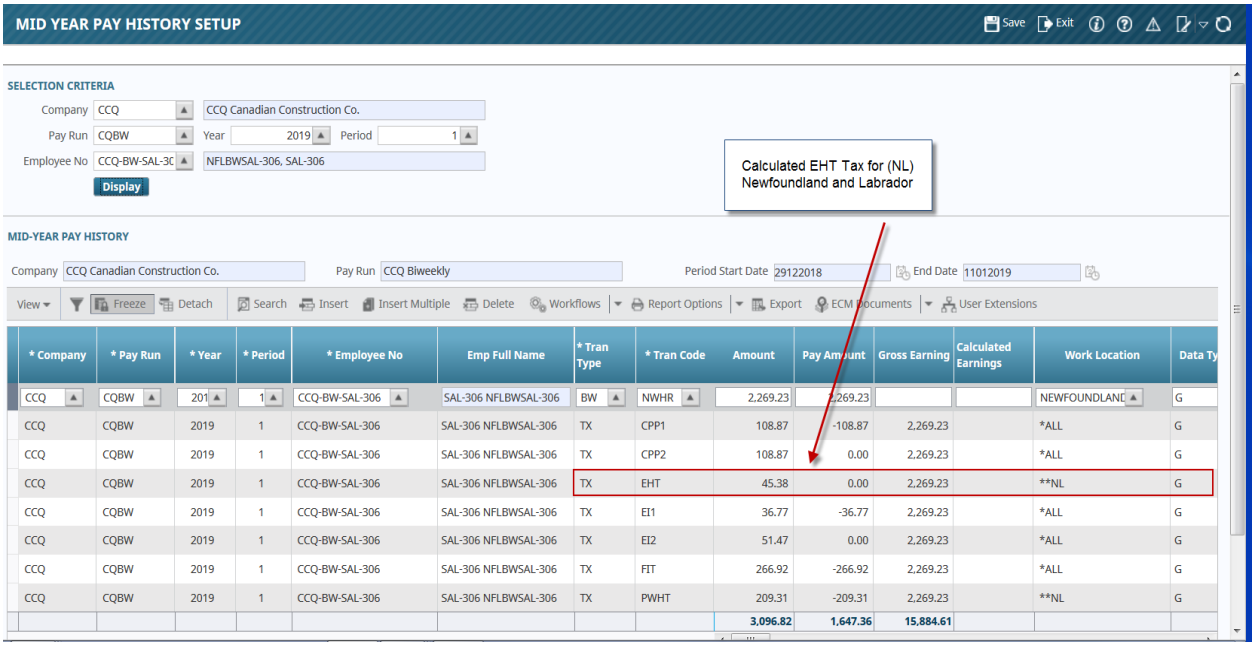
Employee's name:	**bc**
Employer's name:	**cmic**
Pay period frequency:	**Biweekly (26 pay periods a year)**
Date the employee is paid:	**2019-01-11 (YYYY-MM-DD)**
Province of employment:	**British Columbia**

Canada Pension Plan (CPP)		
Employee CPP contributions	165.75	
Employer CPP contributions	165.75	
Subtotal of Canada Pension Plan (CPP)		**331.50**
Employment Insurance (EI)		
Employee EI contributions	54.83	
Employer EI contributions	76.76	
Subtotal of Employment Insurance (EI)		**131.59**
Tax deductions		**694.15**
For this calculation, remit this amount		**1,157.24**

Newfoundland and Labrador EHT – Tax Changes 2019



EHT Taxes are calculated for BNL in 2019



* Company	* Pay Run	* Year	* Period	* Employee No	Emp Full Name	* Tran Type	* Tran Code	Amount	Pay Amount	Gross Earning	Calculated Earnings	Work Location	Data Ty
CCQ	CQBW	201	1	CCQ-BW-SAL-306	SAL-306 NFLBWSAL-306	BW	NWHR	2,269.23	2,269.23			NEWFOUNDLAND	G
CCQ	CQBW	2019	1	CCQ-BW-SAL-306	SAL-306 NFLBWSAL-306	TX	CPP1	108.87	-108.87	2,269.23		*ALL	G
CCQ	CQBW	2019	1	CCQ-BW-SAL-306	SAL-306 NFLBWSAL-306	TX	CPP2	108.87	0.00	2,269.23		*ALL	G
CCQ	CQBW	2019	1	CCQ-BW-SAL-306	SAL-306 NFLBWSAL-306	TX	EHT	45.38	0.00	2,269.23		**NL	G
CCQ	CQBW	2019	1	CCQ-BW-SAL-306	SAL-306 NFLBWSAL-306	TX	EI1	36.77	-36.77	2,269.23		*ALL	G
CCQ	CQBW	2019	1	CCQ-BW-SAL-306	SAL-306 NFLBWSAL-306	TX	EI2	51.47	0.00	2,269.23		*ALL	G
CCQ	CQBW	2019	1	CCQ-BW-SAL-306	SAL-306 NFLBWSAL-306	TX	FIT	266.92	-266.92	2,269.23		*ALL	G
CCQ	CQBW	2019	1	CCQ-BW-SAL-306	SAL-306 NFLBWSAL-306	TX	PWHT	209.31	-209.31	2,269.23		**NL	G
								3,096.82	1,647.36	15,884.61			

Salary calculation: Result

Employee's name:	**nl**
Employer's name:	**cmic**
Pay period frequency:	**Biweekly (26 pay periods a year)**
Date the employee is paid:	**2019-01-11 (YYYY-MM-DD)**
Province of employment:	**Newfoundland and Labrador**
Federal amount from TD1:	**Minimum - 12,069.00 (Claim Code 1)**
Provincial amount from TD1:	**Minimum - 9,414.00 (Claim Code 1)**

Salary or wages income	2,269.23	
Total cash income		**2,269.23**
Taxable income for the pay period	2,269.23	
Pensionable earnings for the pay period	2,269.23	
Insurable earnings for the pay period	2,269.23	
Federal tax deduction	266.92	
Provincial tax deduction	209.31	
Total tax deductions	476.23	
CPP deductions	108.87	
EI deductions	36.76	
Total deductions		**621.86**
Net amount		**1,647.37**

Salary calculation: Employer remittance summary

Employee's name:	**nl**
Employer's name:	**cmic**
Pay period frequency:	**Biweekly (26 pay periods a year)**
Date the employee is paid:	**2019-01-11 (YYYY-MM-DD)**
Province of employment:	**Newfoundland and Labrador**

Canada Pension Plan (CPP)		
Employee CPP contributions	108.87	
Employer CPP contributions	108.87	
Subtotal of Canada Pension Plan (CPP)		**217.74**
Employment Insurance (EI)		
Employee EI contributions	36.76	
Employer EI contributions	51.46	
Subtotal of Employment Insurance (EI)		**88.22**
Tax deductions		**476.23**
For this calculation, remit this amount		**782.19**

Preventive Maintenance

Print Work Order by Physical Location (08.29415)

Added a Location Code field to the Print Work Order launch screen. This will allow printing of the Work Order report, by limiting the Location as well if necessary.

Print Work Order by Classifiers (09.31794)

Added a Classifier screen to ***PRM*** > ***Setup*** > ***Local Tables***. This allows the definition of up to 6 classifiers for the work order header. The work order print parameter screen also shows the classifiers defined and allows filtering of work orders for printing, by the values entered in these classifiers.

Potential Maintenance Work Items (08.15523)

Added the ability to aggregate system generated pending (Preventive) and manually entered (Corrective) work orders for a piece of equipment, and to also designate work items as being Equipment or Job charges. This is achieved through Potential Maintenance Items, and the addition of a Charge Job flag with Job/Phase/Category in the work item of APRM work orders.

Suspense Account for Charging Job (09.37186)

Added the checkbox "**Use Suspense Account**" as well as the related "**Account**" field, to the PRM Company Control screen. When checked and the account defined, this account will be used in the distribution transactions for W-lines related to the Equipment Type work orders including close-out transactions where the "Charge Job" option is selected for work items. The equipment home location company and department will be used with this suspense account.

NOTES:

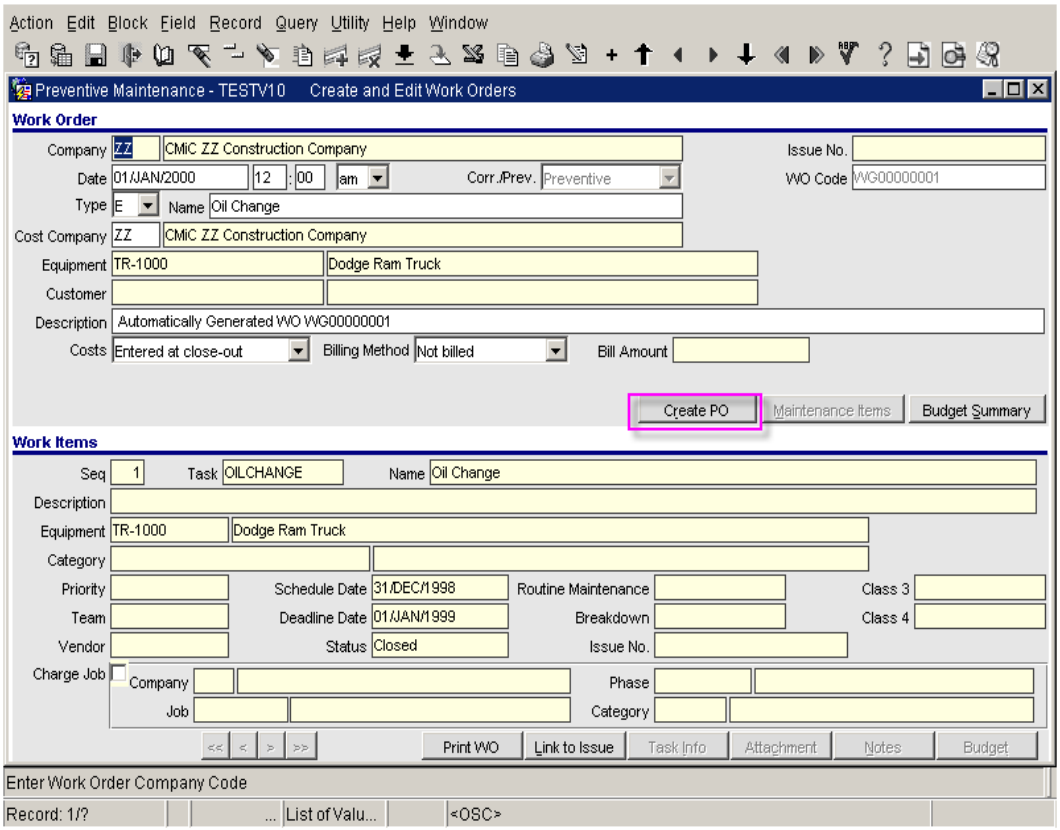
All work order transactions should be posted in the general ledger against the department for the equipment home location and the suspense account. The suspense account overrides the account for the equipment transaction code for each work item that participates in a "W" distribution.

When a work order is closed the system will generate the following transactions depending on work items being job chargeable or equipment chargeable (the latter is the default type based on the work order type).

a. **Job chargeable work item**: debit against the job and credit against the equipment home location department and suspense account. The costs against equipment as per item 1 above will be reversed as well.

b. **Equipment chargeable work item**: debit to the equipment home location and the account mapped against the equipment transaction code for that work item and credit against the equipment home location department and suspense account.

Create Purchase Order (10.53339)



Added a **[Create PO]** button on the Create and Edit Work Order form. This provides a direct interface to the Purchase Order entry screen.

Added new column in EMDETAIL table (12.73729)

Added a column 'EMDT_CLOSEOUT_TRANSF_POST_DATE' to DA.EMDETAIL table, to store GL Posting Date when transferring Costs during work item closure.

Modifications to Force-Out Work items (13.77917)

Modification to Preventive Maintenance Work Item/Work order Generation for closing a work item for accumulator only and thus allowing forcing Out of new work item for next service without any 'lag time', while the accounting transactions related to the work item such as Labor, Inventory Transfers, Purchases, etc. are processed and completed.

This modification enhances the Work Orders of Type 'Costs Entered Via Transactions', where by users will be able to enter transactions against work items from various applications that may have been physically completed / closed for accumulator reading.

This modification also applies to Work Orders of Type 'Costs Entered at Close-Out', whereby users may physically complete a work item and force generate a new work item for a maintenance task. Later on they may Close the work item/order fully.

The Process:

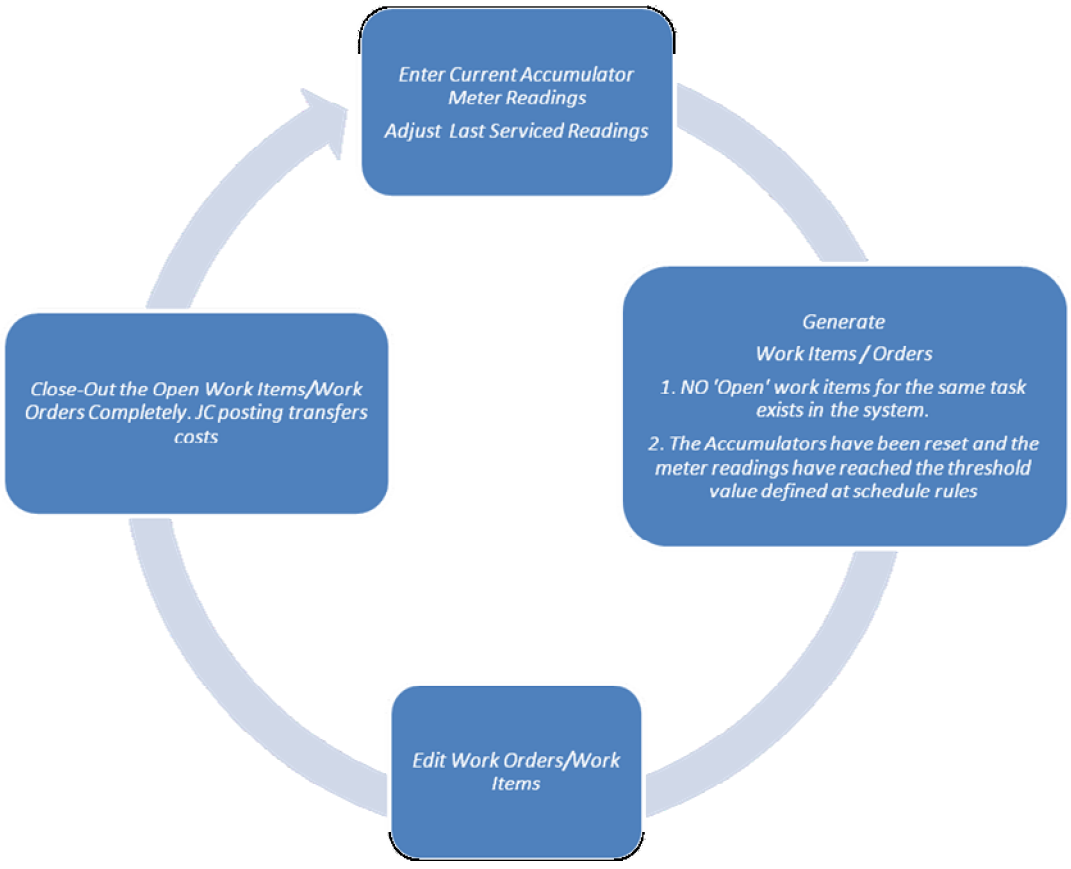
1. Setup Equipment with accumulators

2. Enter Current Accumulator Meter Readings
3. Generate Work Items / Order (Modified to follow the rule set by System Options flag)
4. Edit / Review Work Orders/Work Items
5. Physically Complete Work Item (Maintenance Task Completed / Accumulators Reset) - New Screen
6. Force Out New Work Item for Equipment without any open work items for the same tasks (Generate Work Items/Orders for Equipment with Physically Completed Work Items) - New Screen
7. Close-Out the Open Work Items/Work Orders Completely.

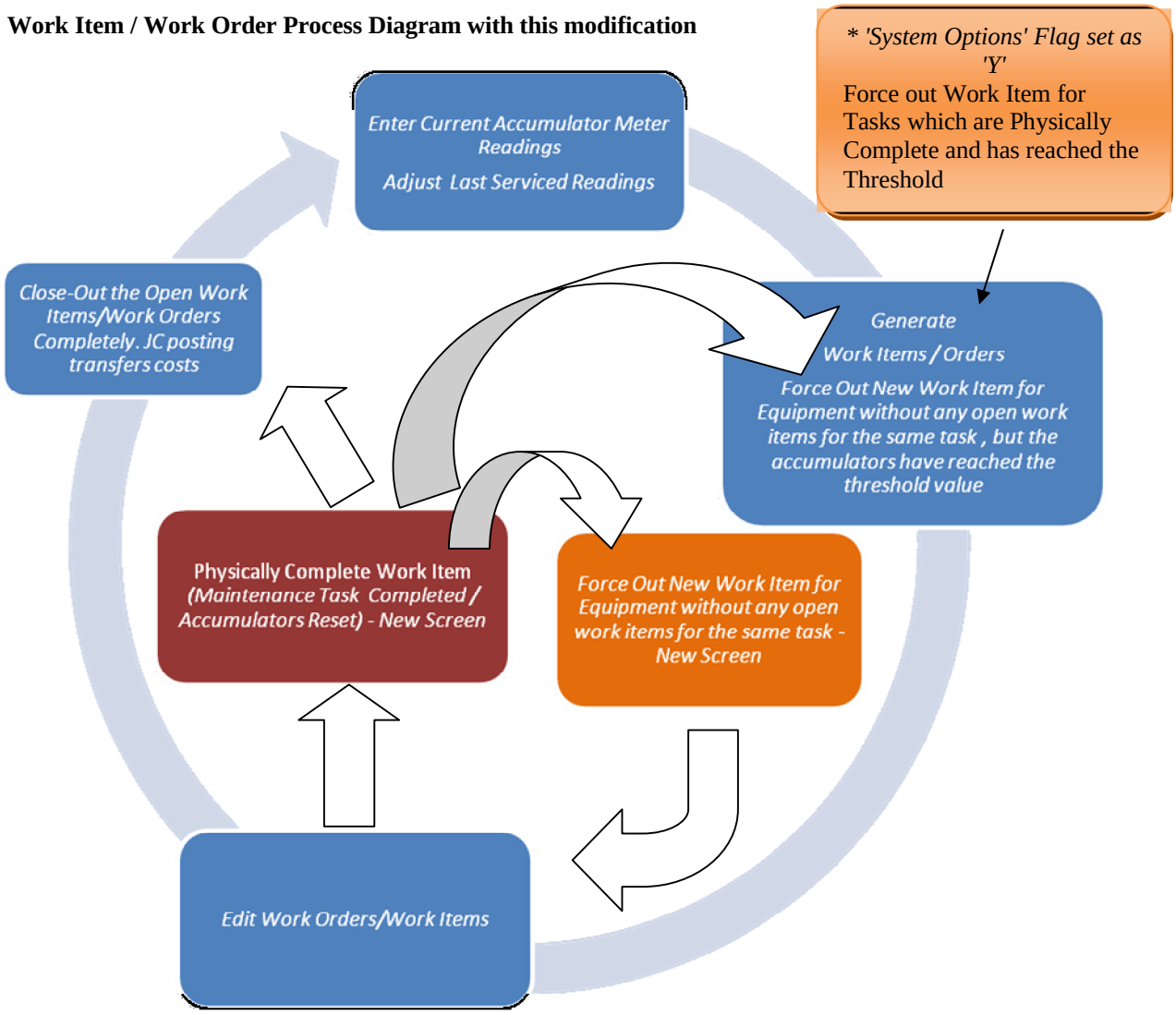
The Existing Work Item / Work Order Process Diagram

The existing process allows the generation of a new work item for task only when,

- There are NO open work items for the same task
- The accumulators have been reset and the threshold value for triggering next work item has reached.



The Work Item / Work Order Process Diagram with this modification



** System Options Flag - Default is un-checked.*
When set as 'Y', the Generate Work Items screen will allow generation of work items for tasks that have been physically completed, provided the accumulators have reached threshold value for triggering the next work item.

The above process diagram shows the newly added screens / processes to explain the life cycle of Work Item/ Order

The governing rules with this modifications:

- At any given time, there can only be one work item/work order in the system, for a maintenance task, with 'Open' Status and NOT physically completed for accumulator(s) reset.
- There can be more than one work item/work order in the system, for a maintenance task, but all of them physically completed / accumulator(s) reset
- The existing Generate Work Items / Work Orders screen will continue to follow the same logic as before. Work items/orders will be generated for a maintenance item, when the previously generated work item with the same task, has been 'Closed' completely and the related work orders also have been closed and more importantly, the accumulators for the task have met the threshold

- The new screen 'Force Out Generate Work Items' will force out a new work item for a task, when the existing work item for the same task has been physically completed, accumulators reset and the accumulator threshold has been met
- The Transfer of costs to a job (when an work item has 'Charge Job' flag checked) is modified now, to posting during the closing of the entire work order completey. Previously, the closure of a work item was posting the transfer of costs to a job
- Hence, closing of a work order,(with every single related work item is already completely closed) will trigger the transfer of costs to the job(s) and one single job cost batch will be utilized to post all of the JC transactions. (JC Transfer of Costs feature is applicable to Work Orders of Type 'Via Transactions' only and for 'E' type work orders only, which is existing functionality)

Force Out - Generate Work Items Screen:

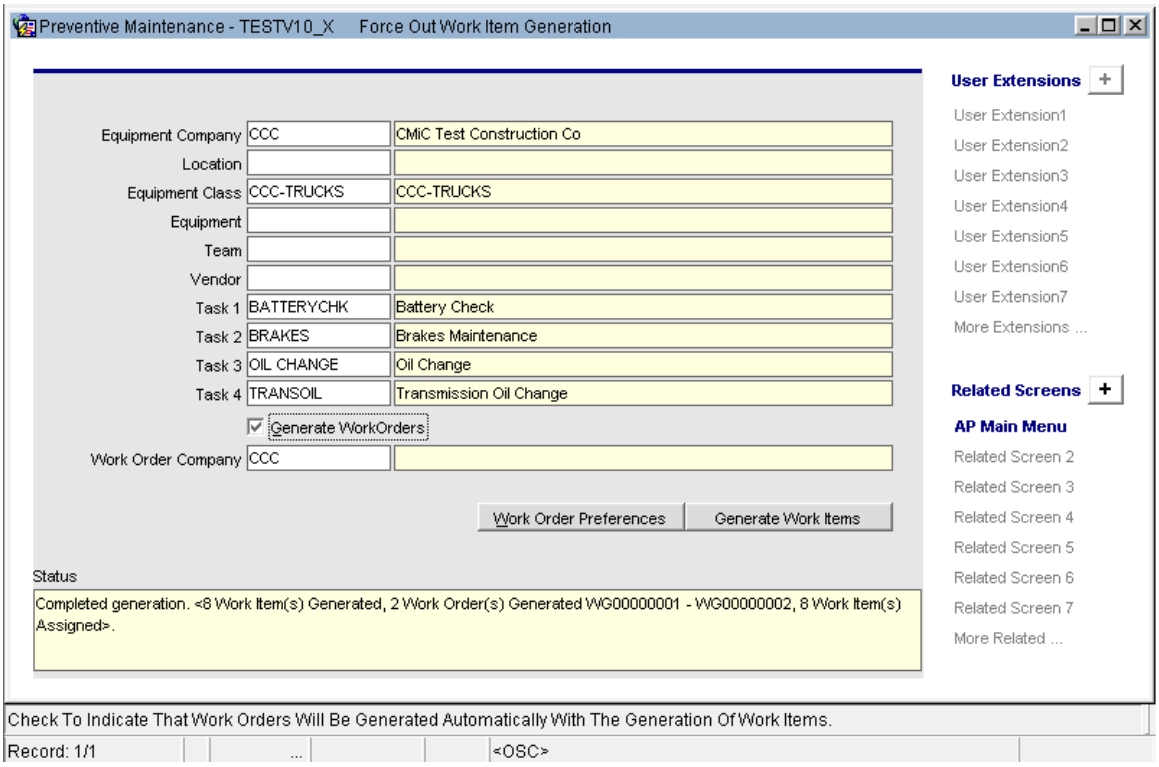


The new screen may be opened from the PRM Menu > Tasks >Force out generate Work Items

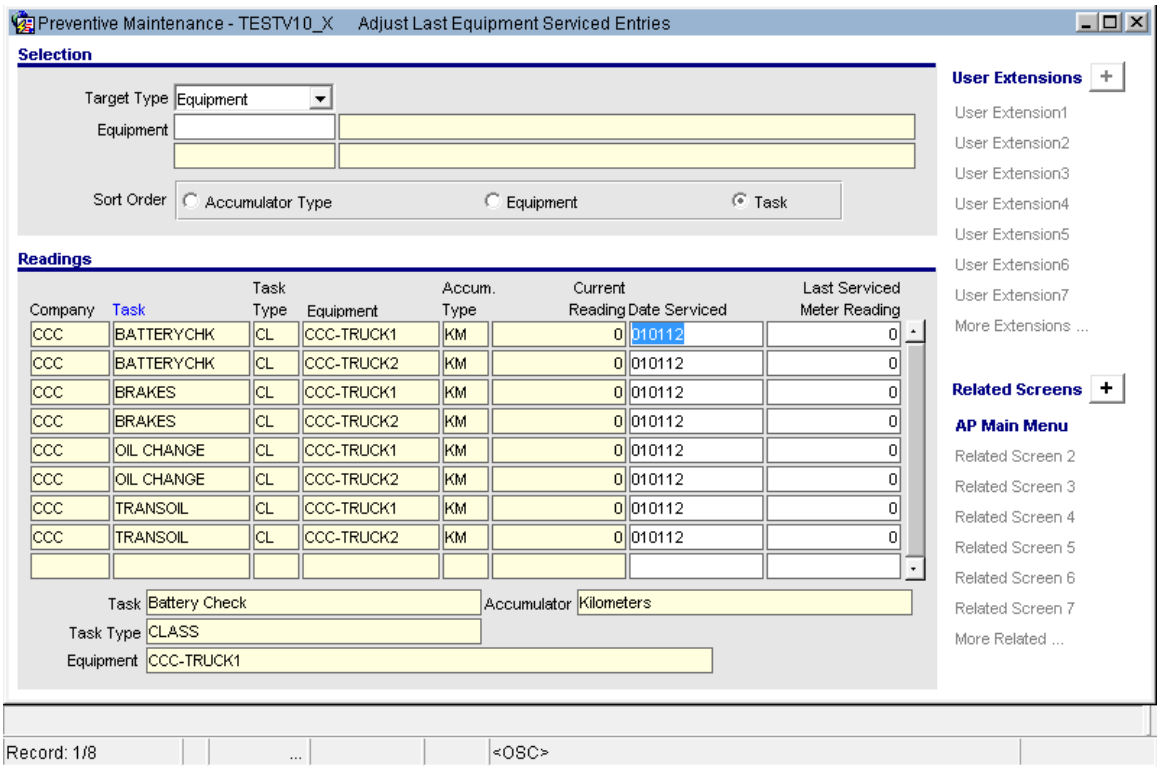
Force Out - Generate Work Items Screen Parameters:

Equipment Company :	Enter / Select a valid Equipment Company Code
Location :	Enter / Select Location to select equipment from a location. Leave blank to select all.
Equipment Class :	Enter / Select Equipment Class to restrict to equipment of a specific calss. Users must select appropriate equipment class, in order to display the inherited work items of an equipment.
Equipment :	Enter / Select Equipment to limit the Work Item generation to a specific equipment
Team :	Enter / Select Team code of tasks that needs to be included
Vendor :	Enter / Select Vendor Code of the tasks to be included
Task1-Task4:	Enter / Select Specific Tasks. Users must select at least one task and maximum of 4 tasks to forceout work items. There is no option to select 'ALL' tasks and this is by design, to control the forcing out of work items.
Generate Work Orders :	The value defaults from PRM System Control
Work Order Company :	Defaults the User logon default company for which the work orders will be generated

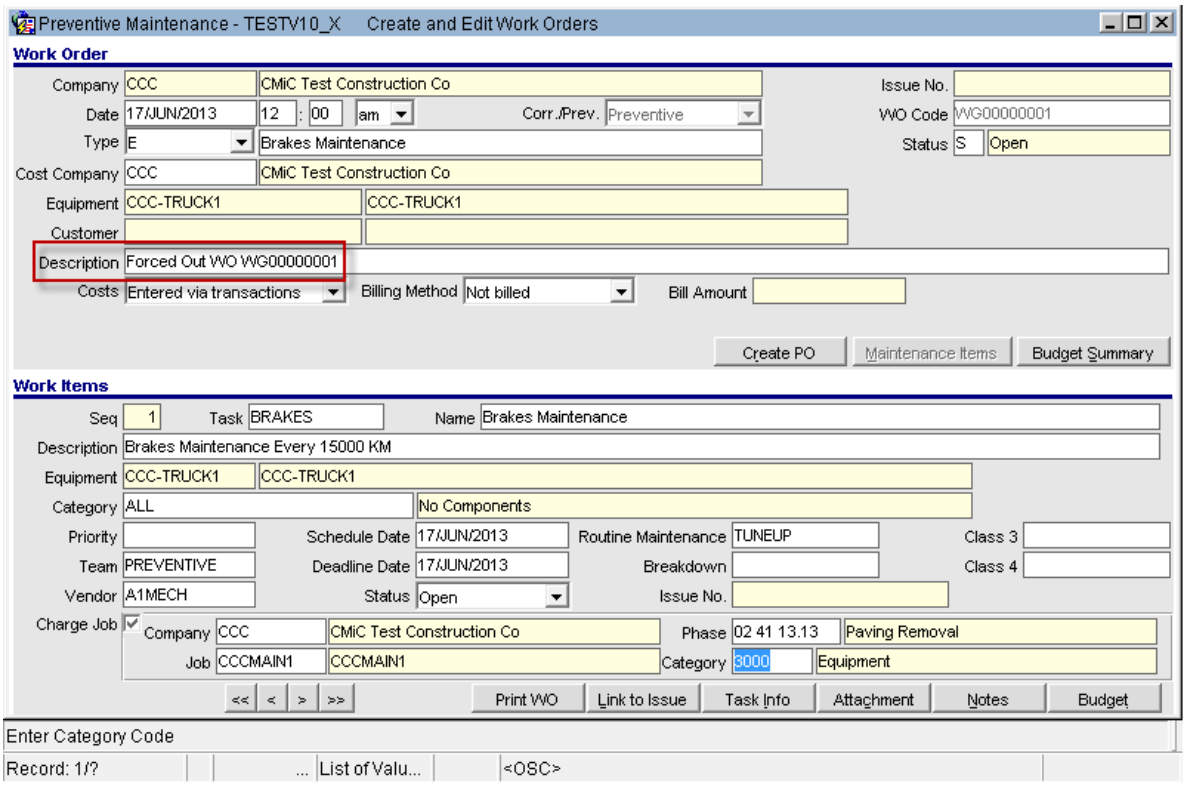
Status Display : Displays the results of generated work items/work orders



The above example of Force-Out Work Item generation shows that the work items have been generated for equipment with no previous meter readings and last serviced meter redaings.

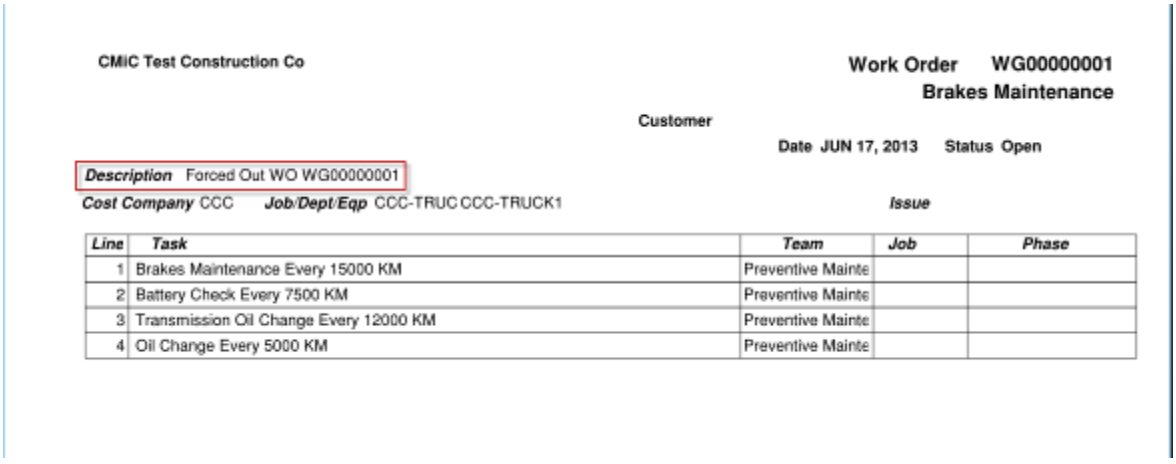


Edit Work Orders:



The Description of the Work Orders when forced out is populated as 'Forced Out WO XXXXXXXX'

Print Work Order:



CMiC Test Construction Co

Work Order WG00000001
Brakes Maintenance

Customer

Date JUN 17, 2013 Status Open

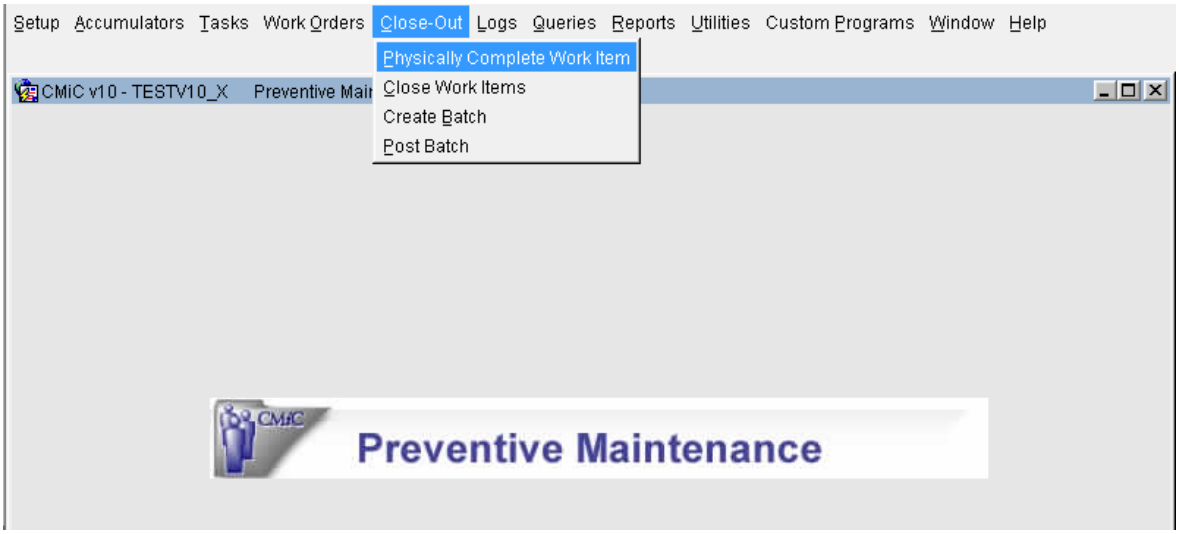
Description Forced Out WO WG00000001

Cost Company CCC *Job/Dept/Eqp* CCC-TRUC CCC-TRUCK1 *Issue*

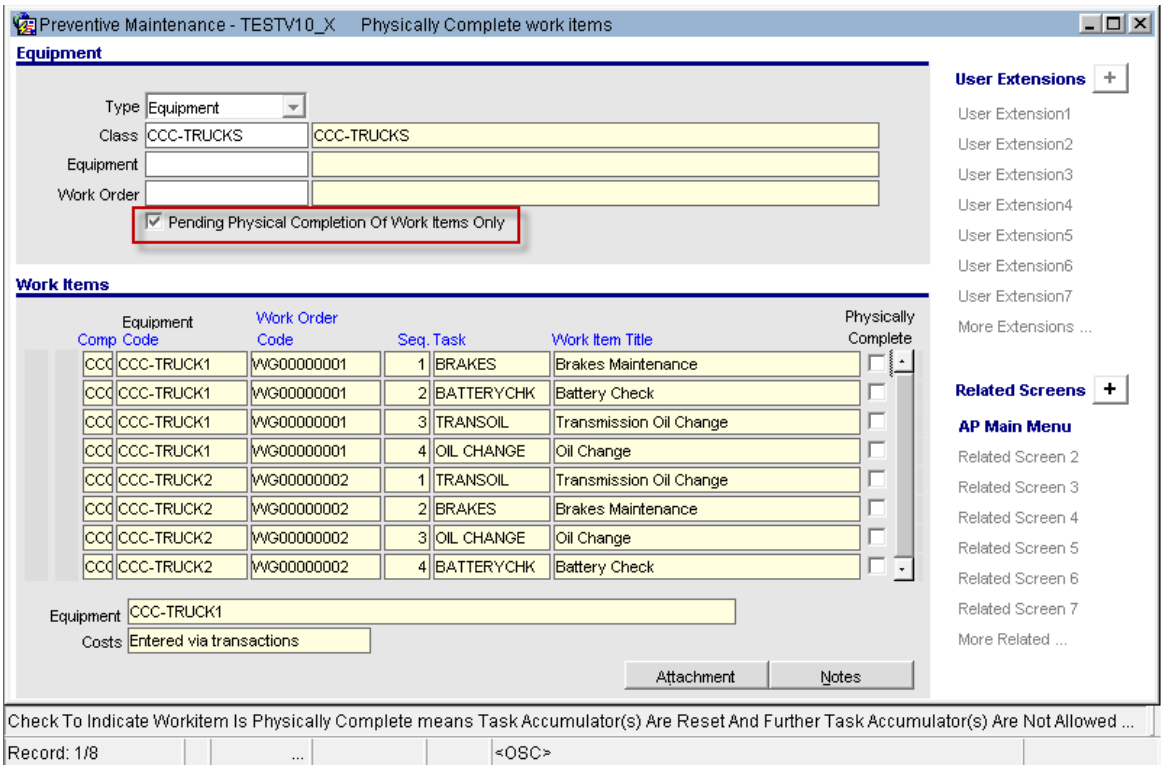
Line	*Task*	*Team*	*Job*	*Phase*
1	Brakes Maintenance Every 15000 KM	Preventive Mainte		
2	Battery Check Every 7500 KM	Preventive Mainte		
3	Transmission Oil Change Every 12000 KM	Preventive Mainte		
4	Oil Change Every 5000 KM	Preventive Mainte		

The Work Order Printed from the Edit Work Items Screen, also shows the description as 'Forced out.....' for identifying the nature of the work orders.

Physically Complete the Work Items Screen



Preventive Maintenance > Close-Out > Physically Complete Work Item



Type : The default value is 'Equipment' and users do NOT have access to this field.

Class: Select a valid Equipment Class from the available list of values (Optional)

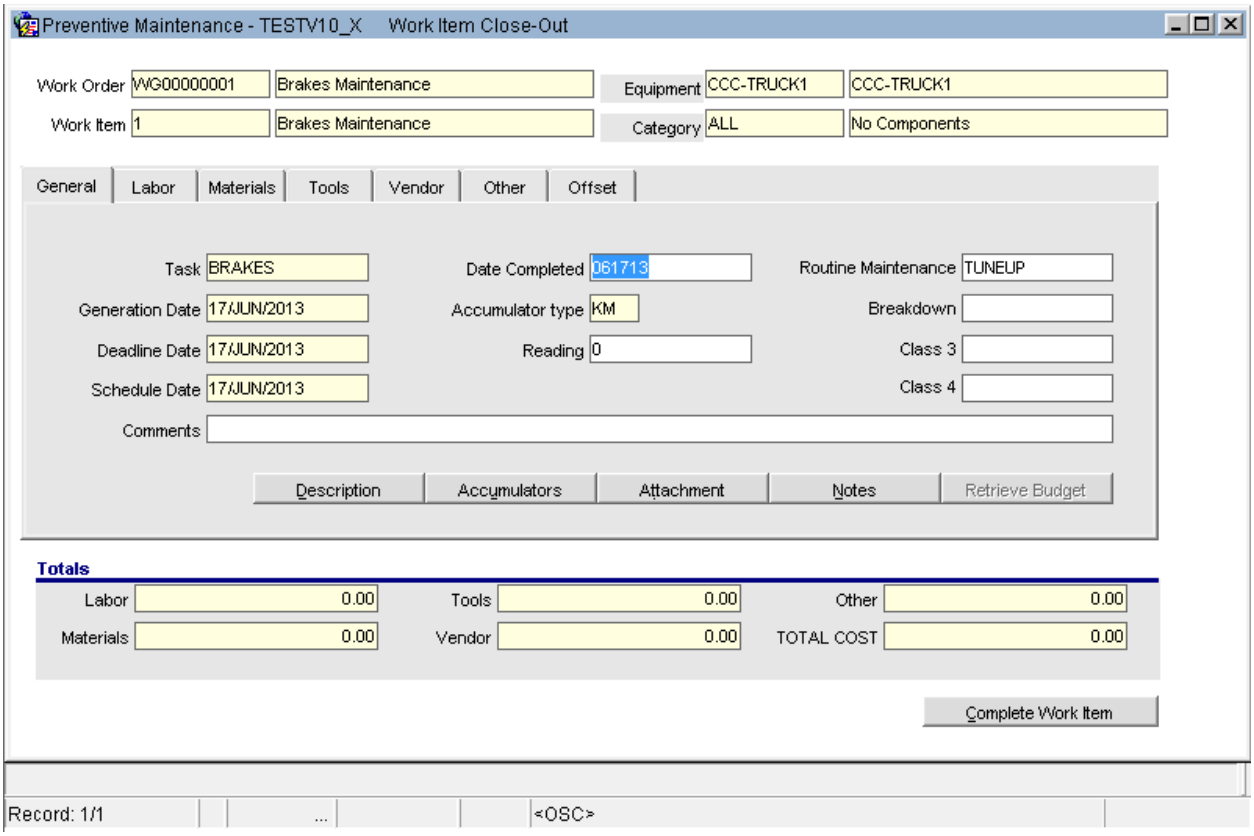
Equipment : Select a required equipment from the available list of values (optional)

Work Order : Select a specific Work order from the available list (Optional)

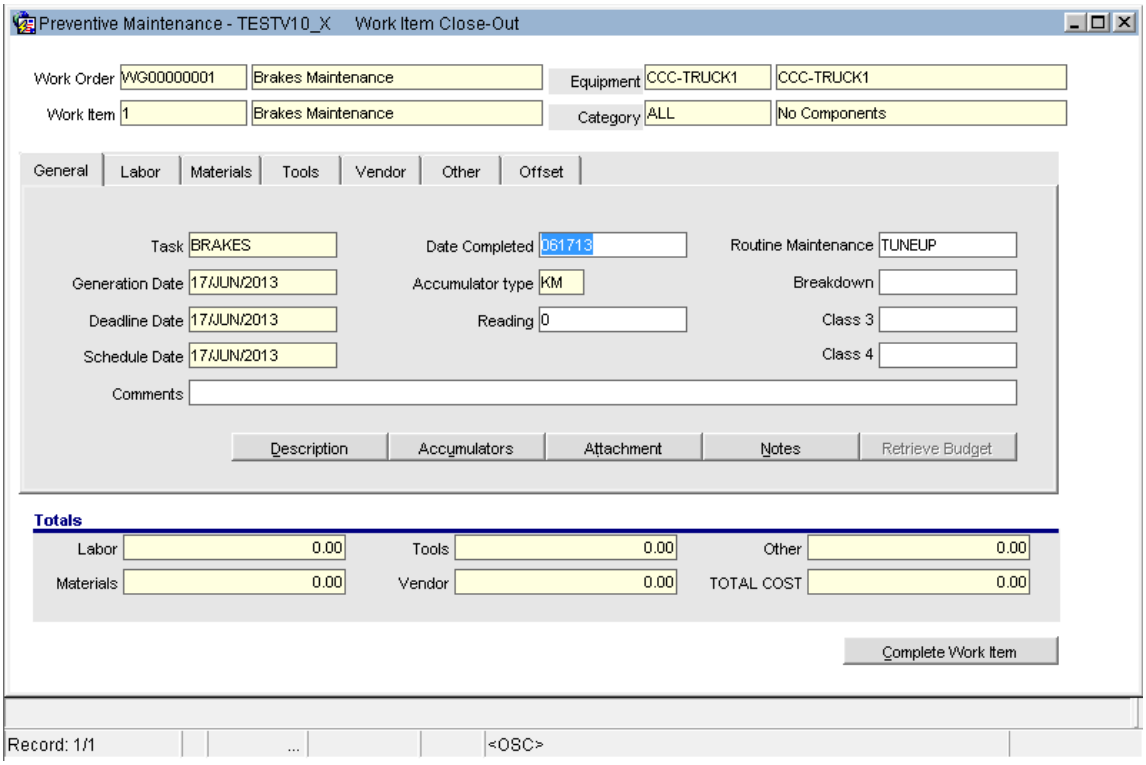
Pending for Physical Completion of Work Items [Check Box]: Default value is checked.

Work Items:

The 'Work Items' block retreives records as per the filter criteria entered in the Equipment Block. There is a checkbox column 'Physically Completed' to the right of the screen. Users may select a required work item, which pops up 'Close Work Items' popup as shown below.



The 'Close-Out' screen allows users to enter the date of completion and accumulator reading update. The Accumulator Reading may be updated, and users may also press the 'Accumulators' button to open the 'Update Service Records' popup, and update the readings if there are more than one accumulator type is defined (shown below).



Once all necessary updates are performed, the Work Item may be 'Physically Completed' by pressing the [**Complete Work Item**] button.

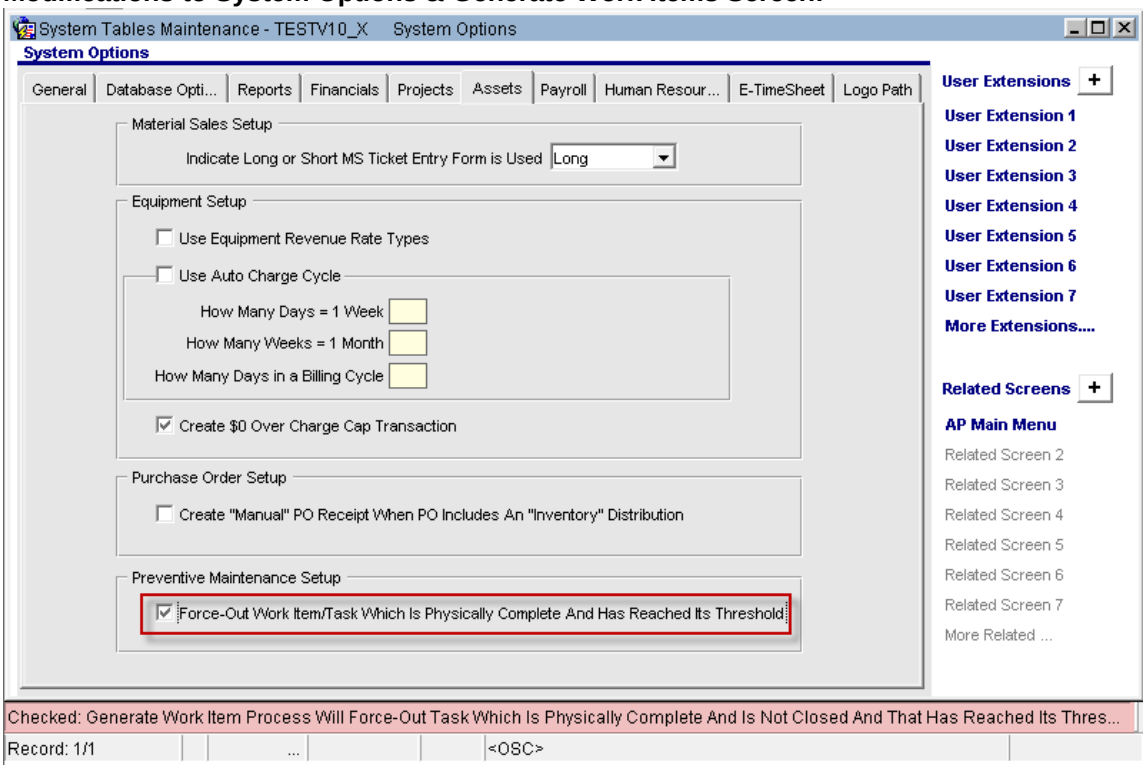
NOTE:

A this point, the task is ready for 'Forcing Out' a new work item, if needed (Provided the accumulators have met the threshold value)

No transfer of costs to the associated job/phase/category (No JC posting at this point)

Throughout the CMiC system, the Work Item may be accessed for entry of costs / transfer of inventories etc.

Modifications to System Options & Generate Work Items Screen:



The System Options screen is modified with a new flag 'Force-Out Work Item/Task Which is Physically Complete And Has Reached Its threshold'. The default value is un-checked.

When un-checked, the 'Generate Work Items' screen (prmgenwi.fmx) would continue to function as before. The Work Item Generation requires that there are no 'open' work items for a task and that the task accumulators (Schedule Rules) have met the threshold value.

When checked, the 'Generate Work Items' screen will force-out a work items for tasks, even though there are 'open' work items, but with 'Physical Completion' status. It must be noted that the 'Schedule Rules' will still be applied and that the tasks have met the threshold value.

NOTE:

System Options flag sets the rule for the entire system and hence all companies would follow the same processing logic

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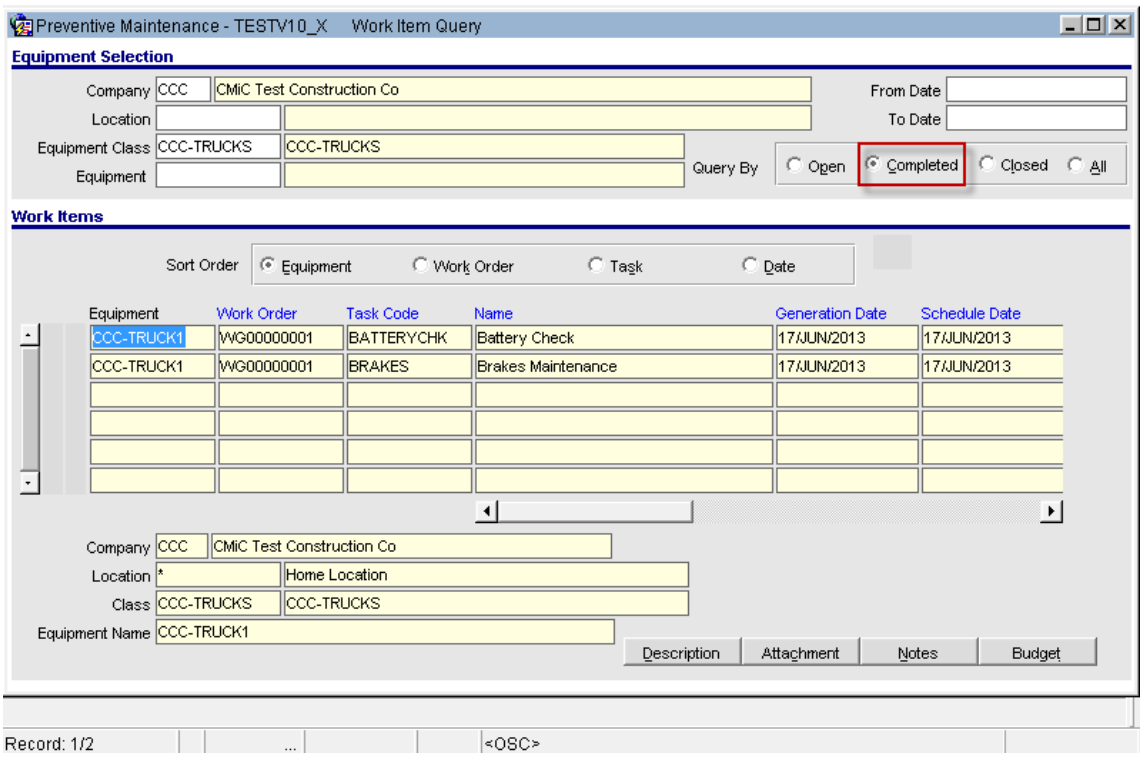
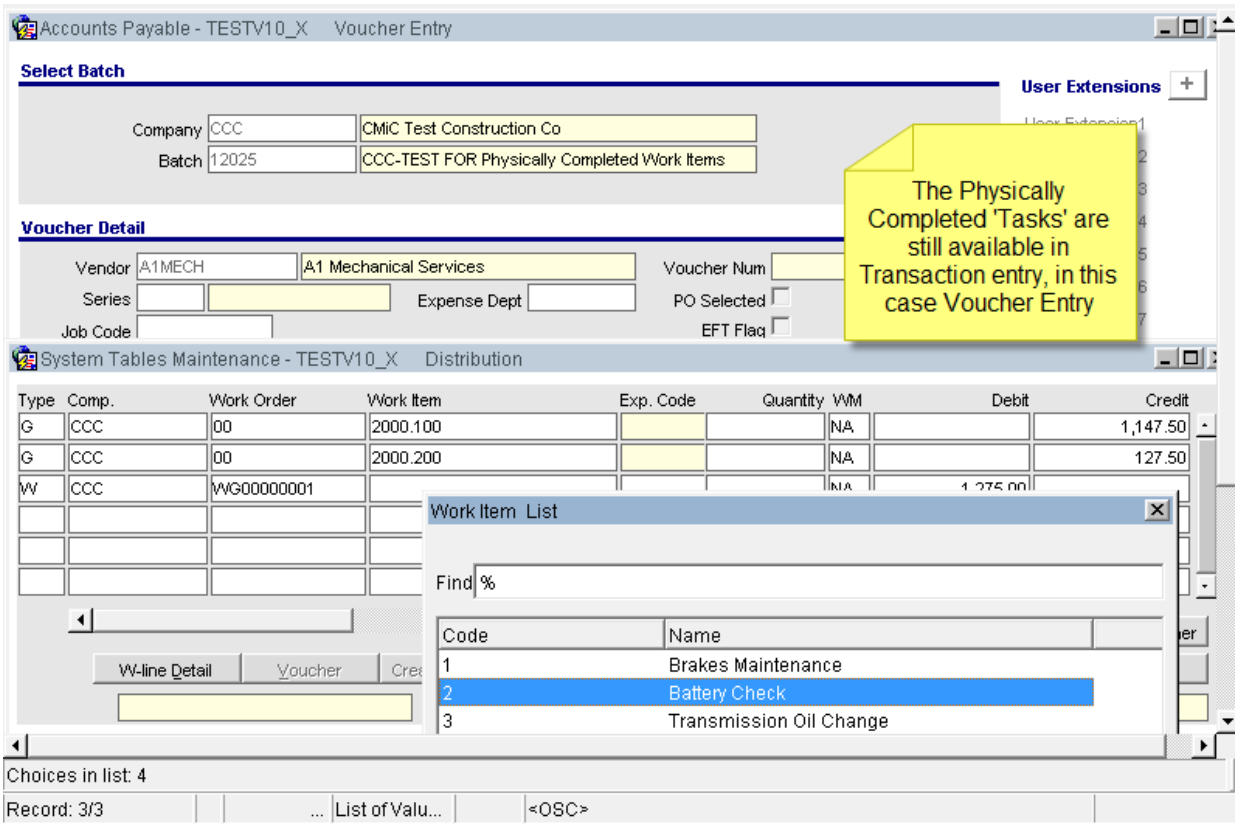
Work Item Query Screen:

The Work Item Query Screen is modified with an additional status 'Completed', for querying work items which have been physically completed and accumulators reset



Modifications to Transaction Entry Screens:

All Transaction Entry screens as found in the modified programs list allow the entry/selection of 'Physically Completed' work items as shown below.



Modified Program Files List:

The following programs have been modified to support this new functionality.

apinvser.fmx

appostdt.fmx

apreginv.fmx

ciiss.fmx

dbk_transfer_prm_to_jc.pb

dbk_transfer_prm_to_jc.ps

distfrm.fmx

distfrmd.fmx

img_lov_unions.vw

jctrnent.fmx

MS_Back_Charges_Entry.fmx

pocoent.fmx

prmclswi.fmx

prmclswip.fmx

prmgenwi.pb

prmgenwi.ps

prmgenwo.pb

prmgenwiforce.fmx

prmwiclo.fmx

prmwitm.fmx

prmwoen2.fmx

prmwqry.fmx

prm_menu.mmx

pyetmshr.fmx

pyetmsht.fmx

pylbrtr.fmx

pymemtim.fmx

pytimcer.fmx

pytimstm.fmx

vouadj.fmx

sys#opt.vw

sysopt.vw

sysopt.fmx

All of the transaction entry forms listed, have been modified to take note of the new work item status (physically completed) and allow the transactions from various applications until the work items are fully closed.

Equipment 'Meter Reading' Import Utility (09.31055)

The data entered manually in the current meter readings column in 'Enter Meter Readings' screen drives the accumulators and subsequent generation of Work Items/Work Orders. Although this information can be entered manually or updated through postings from various applications with auto update accumulator feature, some clients may collect this information, electronically through an external third party software and that needs to be imported, validated and then the CMiC equipment last meter readings table is updated.

Implementation:

1. Flag an Equipment that needs the meter readings to be updated by import utility
2. Generate the required CSV file with predetermined field values from the external third party software (Ex: JDLink data collectors) and save in a desired location
3. Use the CMiC Import utility to browse/select the CSV file and import the data into CMiC staging tables
4. Use the Edit/Validate/Review Errors feature in the utility and validate the imported data and then update the current meter readings column in the appropriate table.

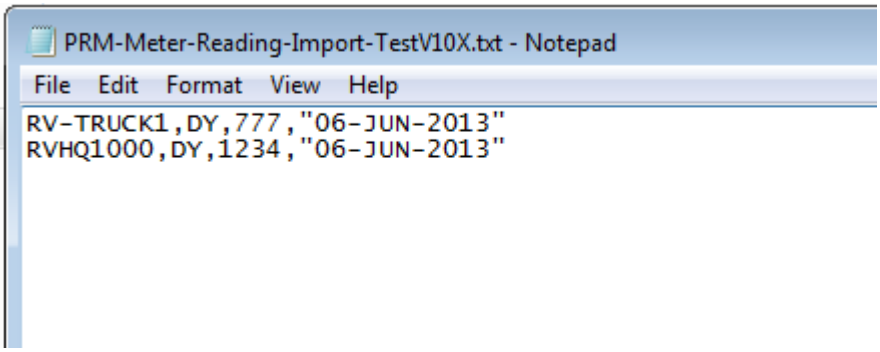
Import File Layout

The following four columns must be contained in each record being imported

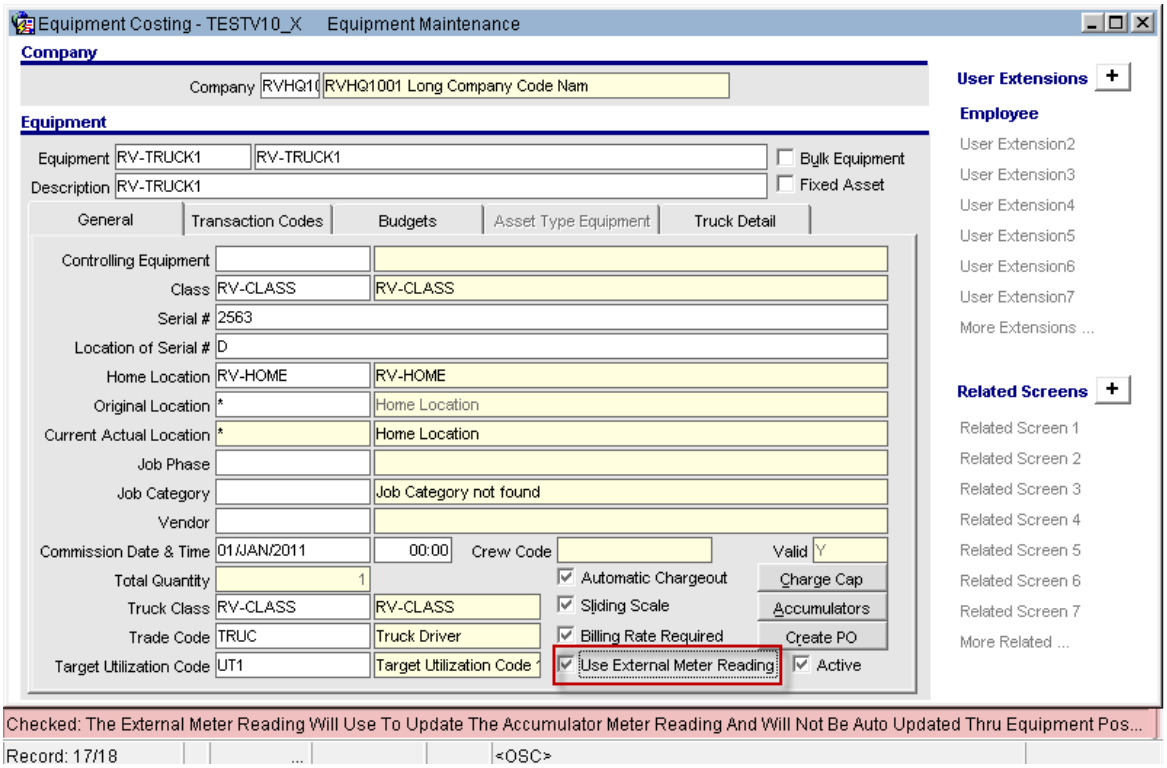
1.	Equipment Code	Varchar2	(10)	
2.	Accumulator Type Code	Varchar2	(2)	If Null, 'HR' will be defaulted

3. Accumulator Value NUMBER (16,4)
4. Meter Reading Date DATE 'DD-MON-YYYY'

The following is a sample CSV file



Modifications:



The Equipment Maintenance screen is modified with a check box 'Use External Meter Reading'. The default value for this field is un-checked (N).

It is imperative that, this flag must be checked (Y) for any Equipment, that will be updated via the CMiC 'Import Meter readings' utility.

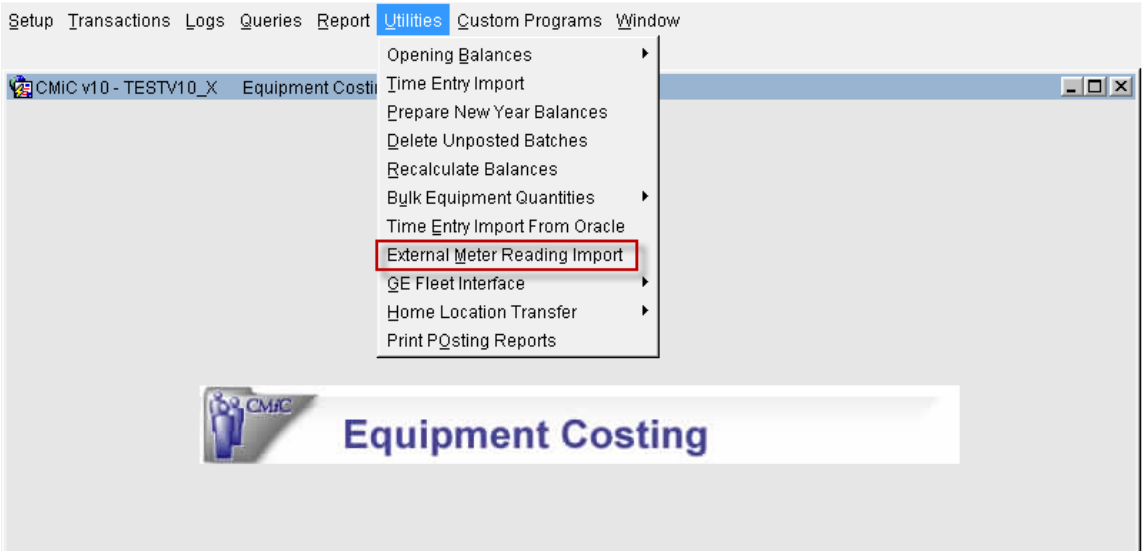
Important Notes:

Any Equipment that is flagged as 'Use External Meter Reading' will NOT be considered for 'Auto Update Accumulators' flag and the meter readings will NOT be updated through postings from various applications.

The current meter readings for these equipment may only be updated either via CMiC utility or manual entry.

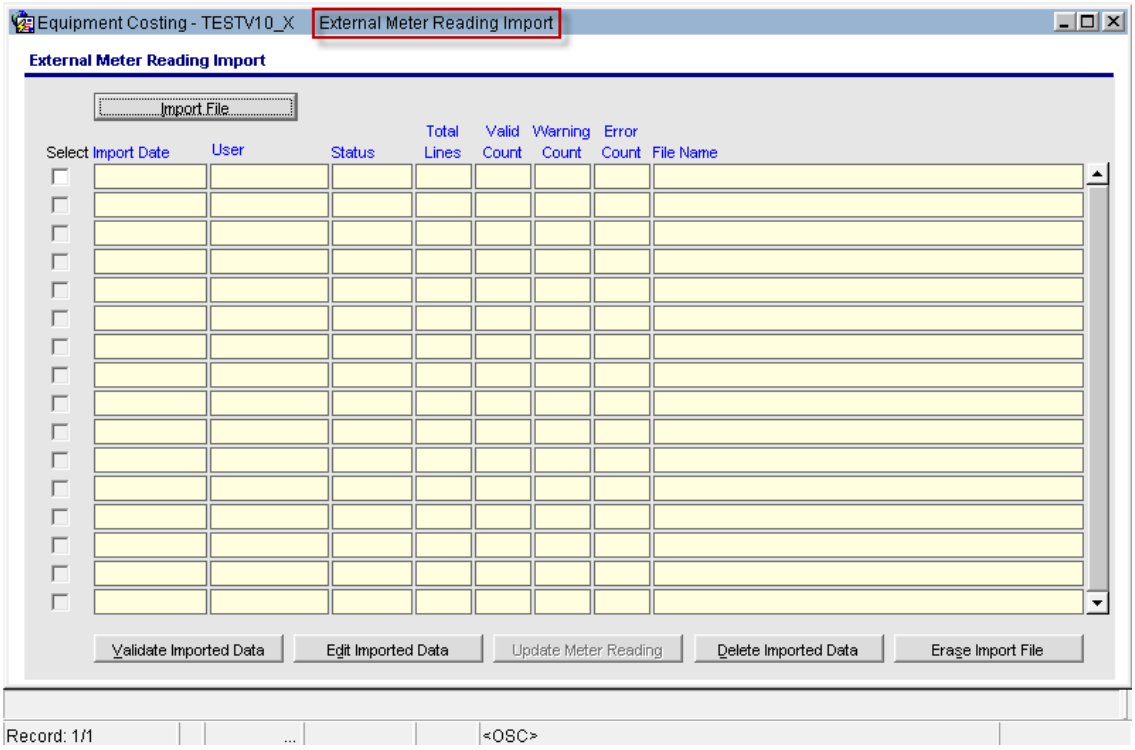
When equipment is defined as 'Bulk Equipment' this feature is NOT applicable and the new flag will be disabled.

External Meter Reading Import Screen (new)

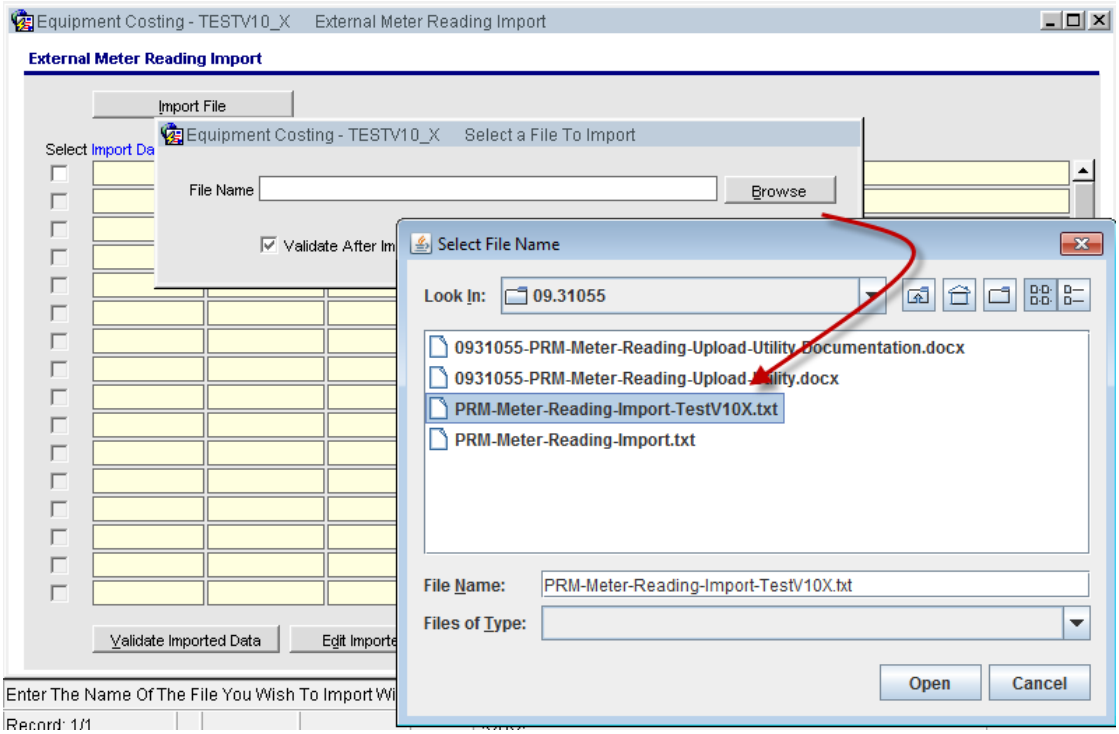


The Equipment Costing > utilities Menu is modified with the addition of 'External Meter Reading Import' menu item.

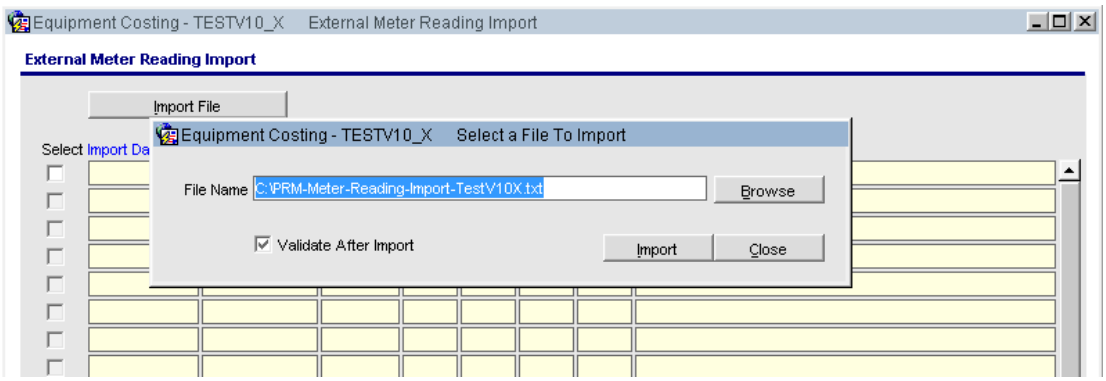
The Utility is designed to follow CMiC standard import utility formats.



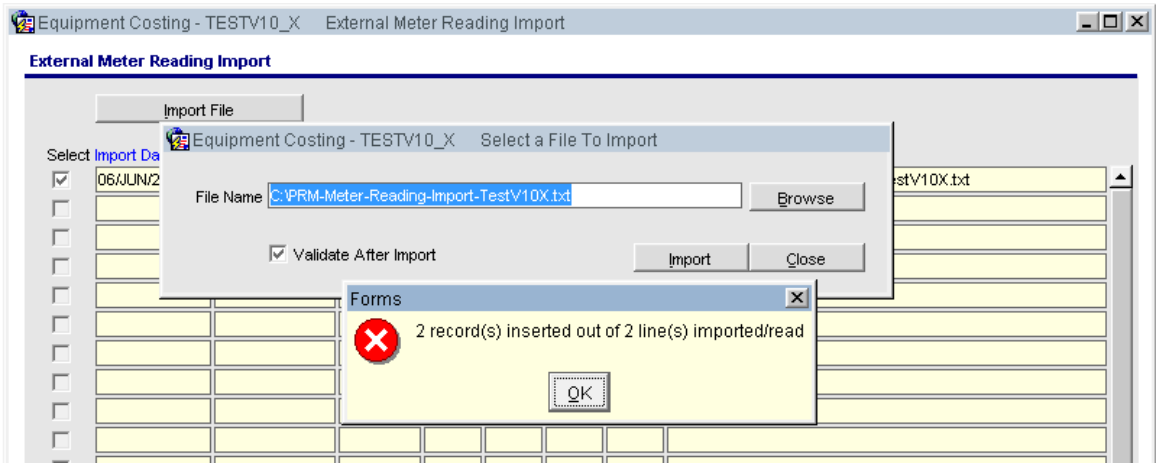
Pressing the **[Import File]** button, opens the file selection dialogue



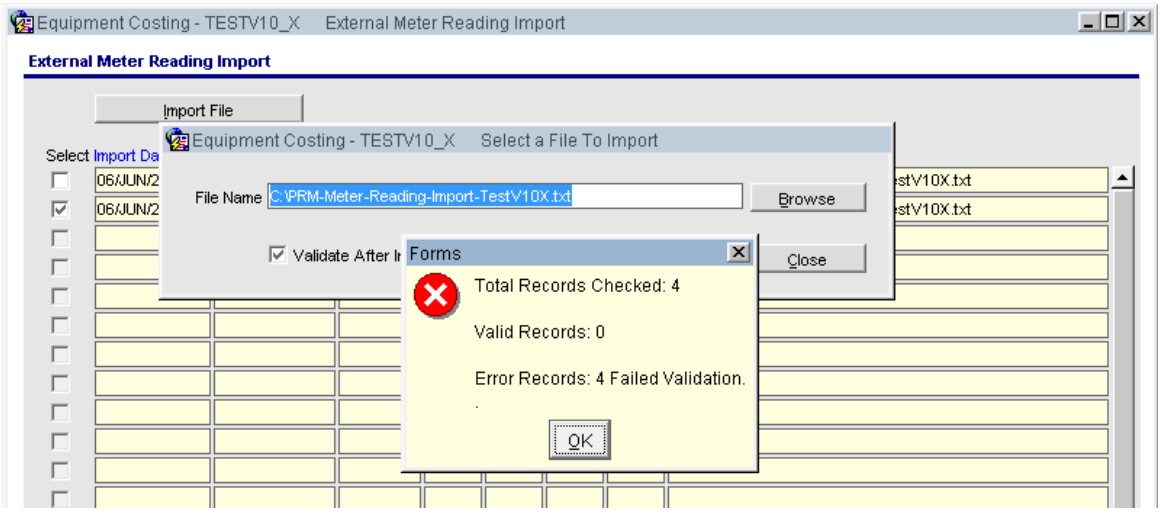
Users may browse and select the required file. Verify that the File name contains the full path and the file name with extension as shown.



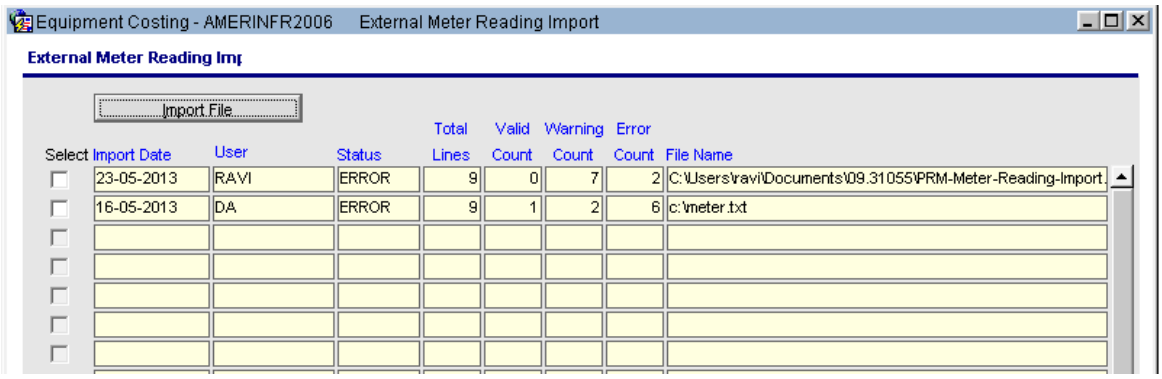
The Validate After Import check box is checked by default. As soon as the data is imported into a staging table, the data is validated and displays the results back to the users.



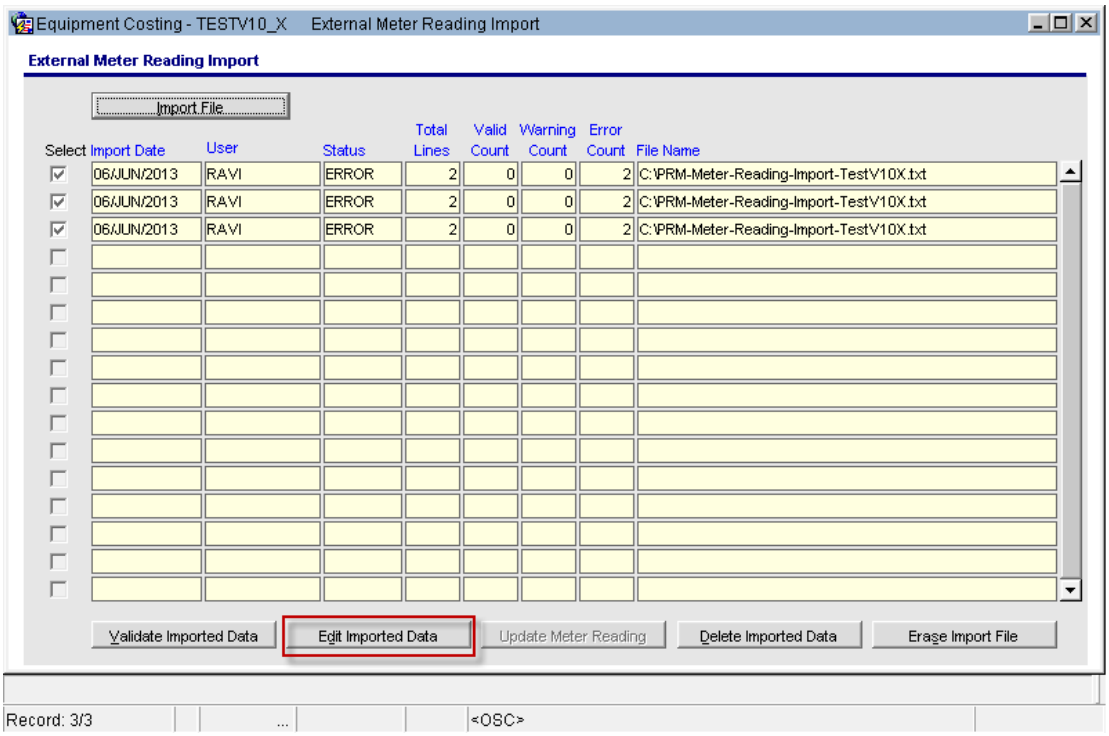
The Import process displays series of messages to the end user with the status and count of the records being imported.



Once successful import the record is displayed in the screen. with status, Total Lines, Valid Count, Warning Count, Error count etc.



Users may select the required record and the buttons at the bottom of the screen are enabled for further processing



[Validate Imported Data]: Validate records and cycle through the messages as shown in the previous screens

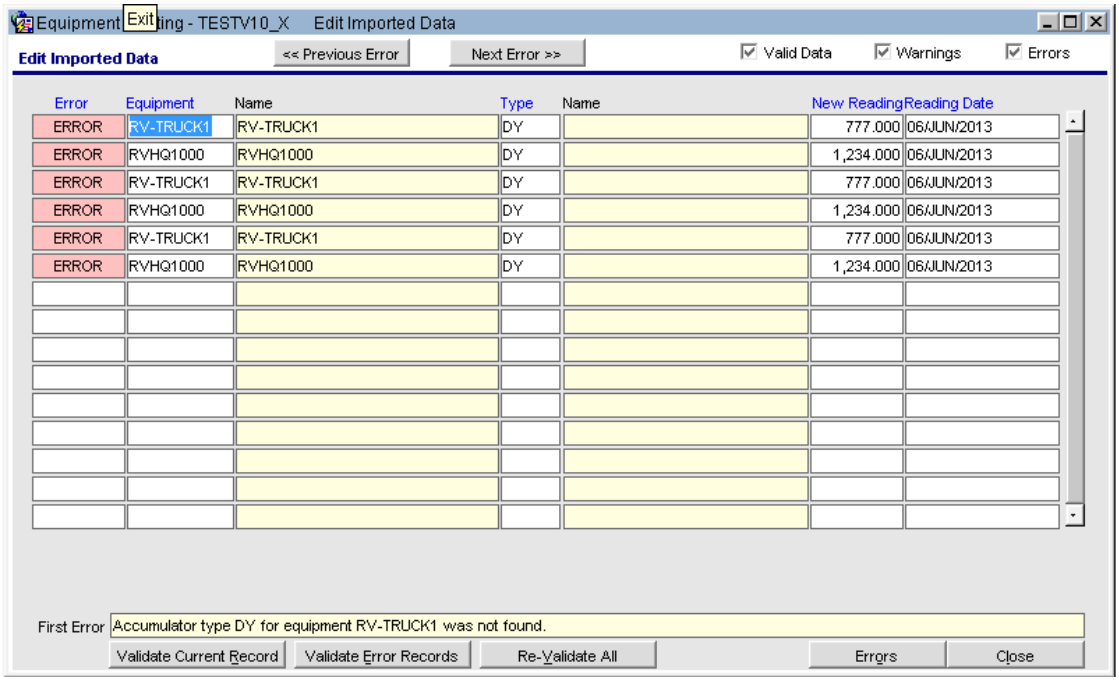
[Edit Imported Data]: Opens up Edit screen of the imported records for user updates and error review.

[Update Meter Reading]: Updates the meter readings for equipment that have been validated without errors.

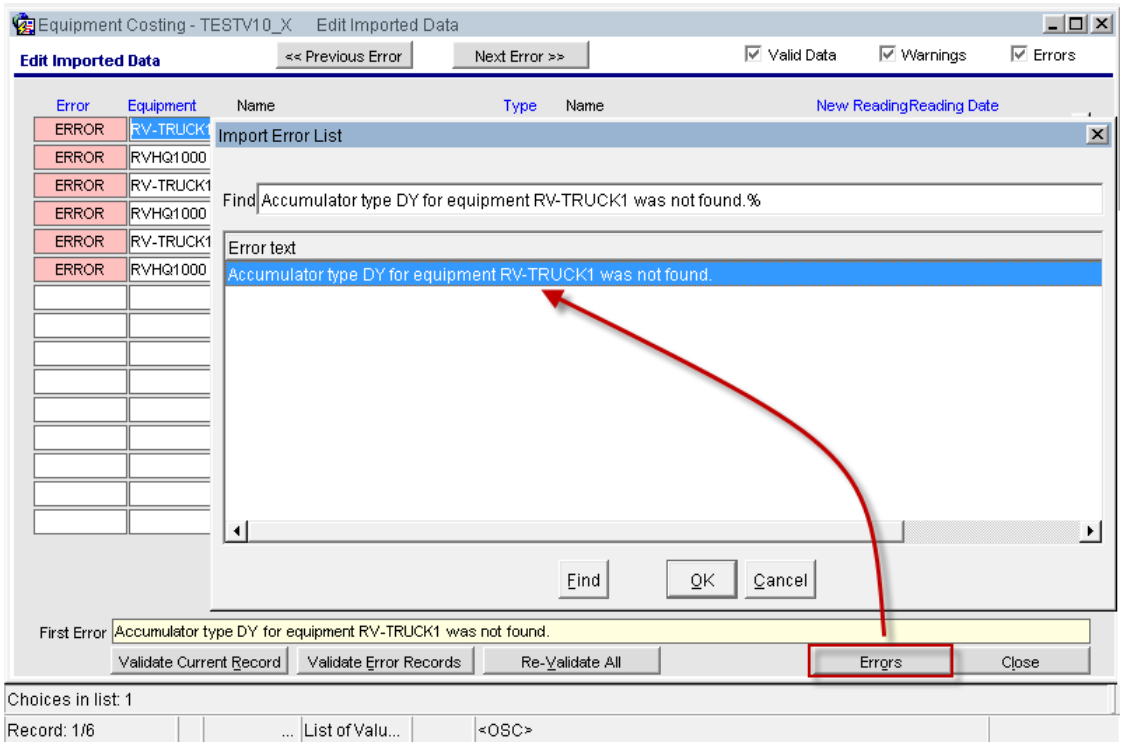
[Delete Imported Date]: Deletes the imported data from the temporary staging table, if users do NOT wish to proceed further.

[Erase Import File]: Opens the file browsing dialogue with the default file path for deletion from its physical location.

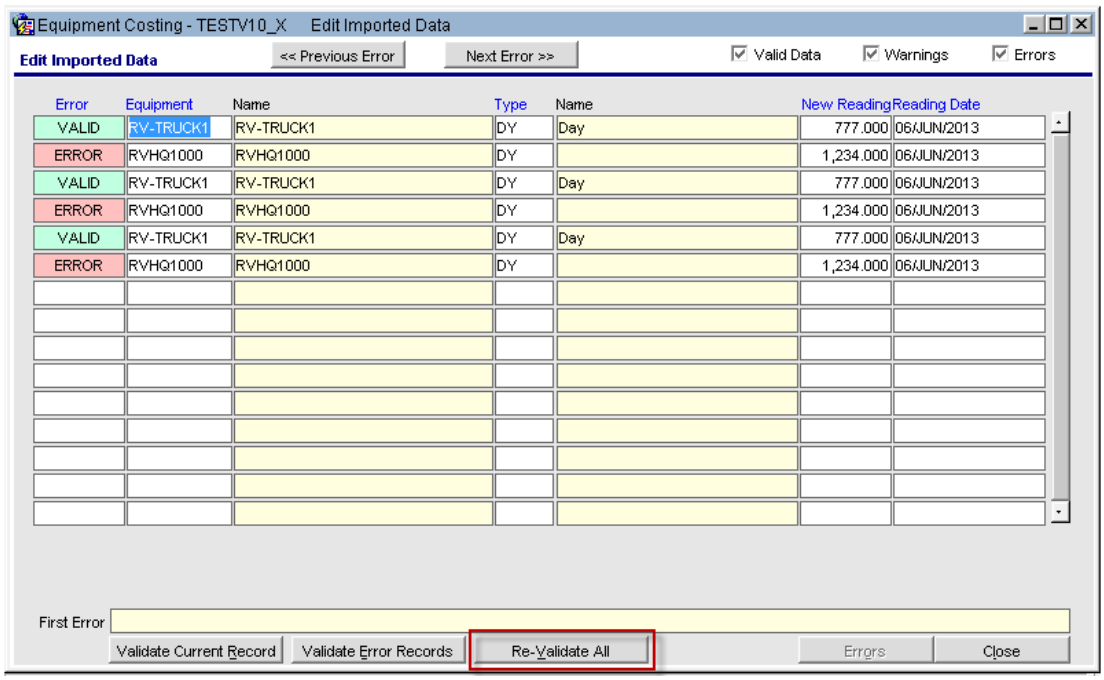
Editing the Imported Records & Validation Process:



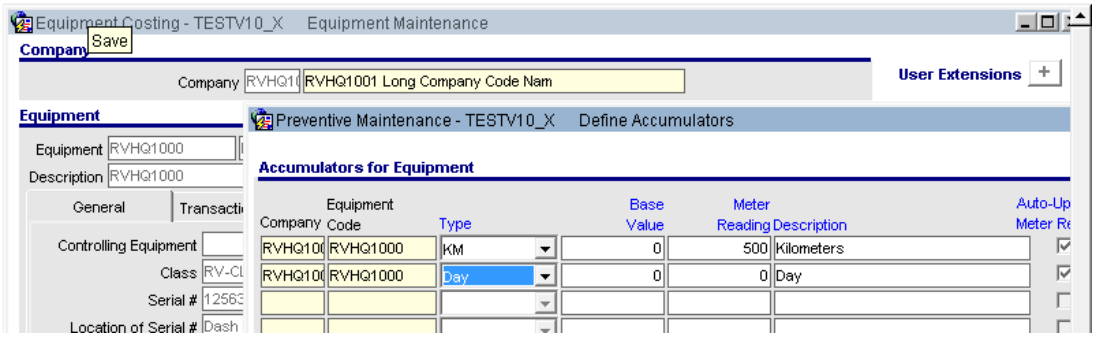
The 'Edit' screen displays the color coded records to distinguish Error, warning and valid records. The check boxes at the top allow the users to filter out the records of a specific status. The display at the bottom shows the first error details of the current record in focus. Users may cycle through the errors by pressing the navigation buttons at the top. Users may also use the 'Errors' popup to review if there are more errors.

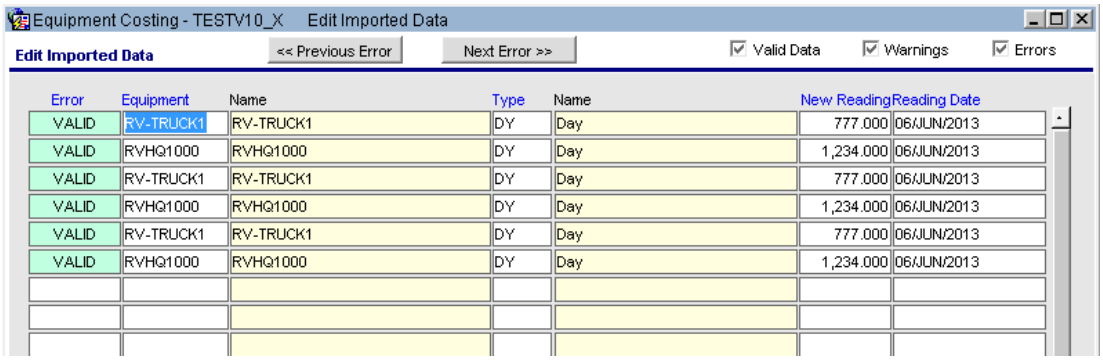


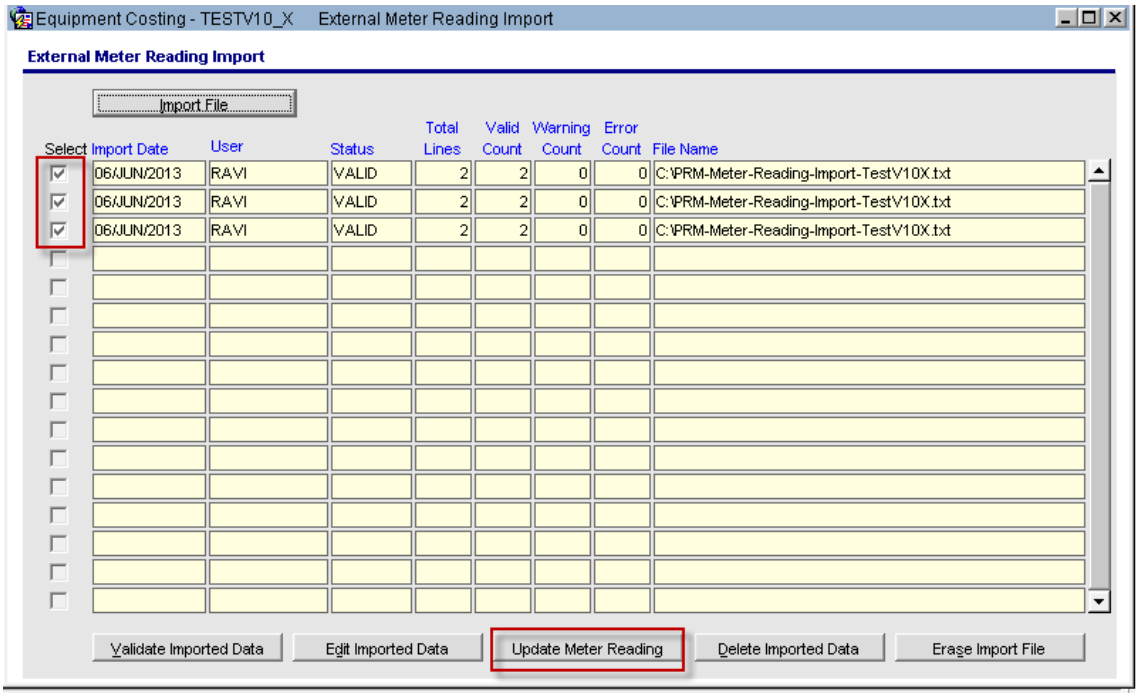
Once validated, users may close this screen and return to the main screen for further processing.



The [**Update Meter Reading**] button may be pressed to update the Meter readings. The program then deletes the records from temporary tables.

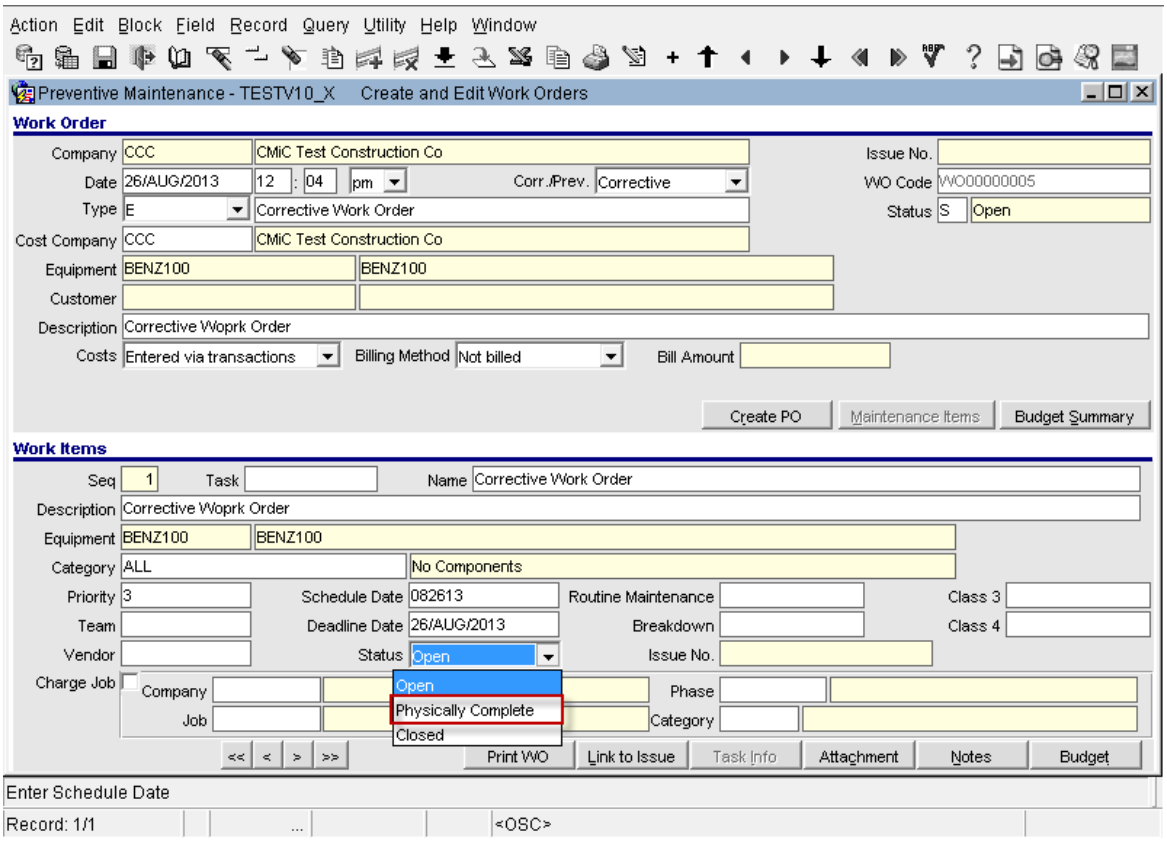






Once the update of meter readings is successful, users may verify the same using Preventive Maintenance > Accumulators>'Enter Current Readings' screen.

Work Item Status - Added Physically Complete (13.77917)



The Work Item Status is added with the new status 'Physically Complete'. This is for reference purposes only, when querying records to quickly view the status of a work item.

This form does NOT allow changing the status from 'Physically Complete' to 'Open'. A message will be displayed and the status reverted back. Users must also be aware that, changing to 'Closed' status is allowed from here, but no processing takes place as closing from work item closure screen.

NOTE: Update of status from within this work item/order entry form is normally NOT performed and users must always use appropriate processing forms to trigger correct postings.

Auto Send Work Order (17.33965)

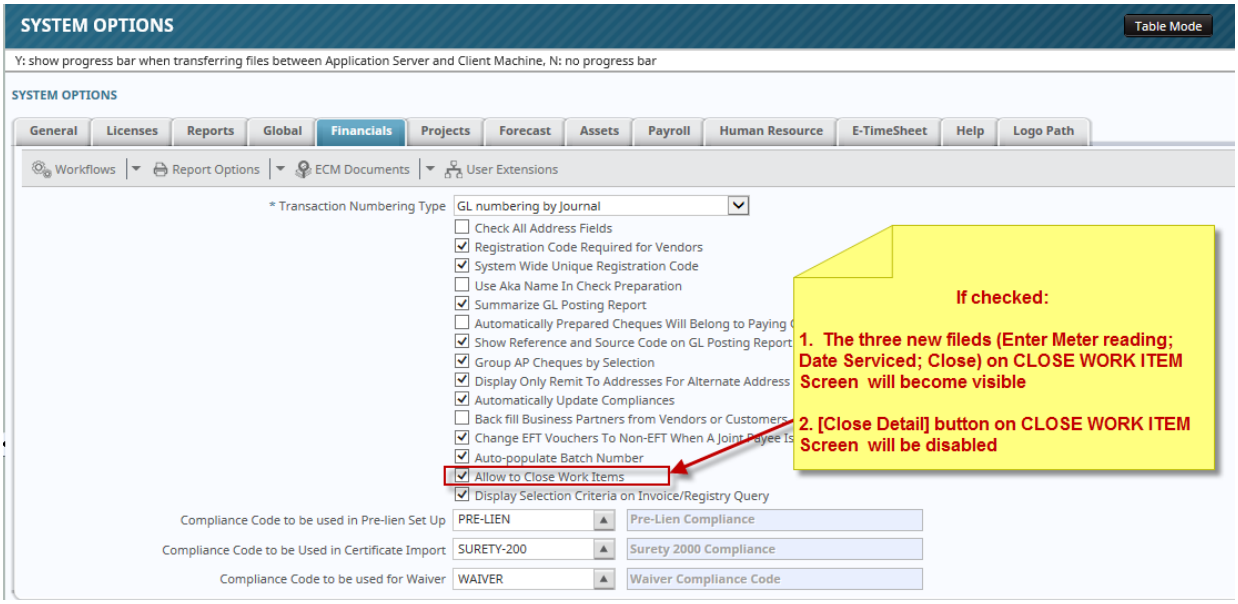
Overview:

CMiC has modified Preventative Maintenance program to have Work Orders automatically emailed to a specific person within the project setup.

All testing has been done under the assumption that each equipment has only one accumulator.

The following screens have been modified:

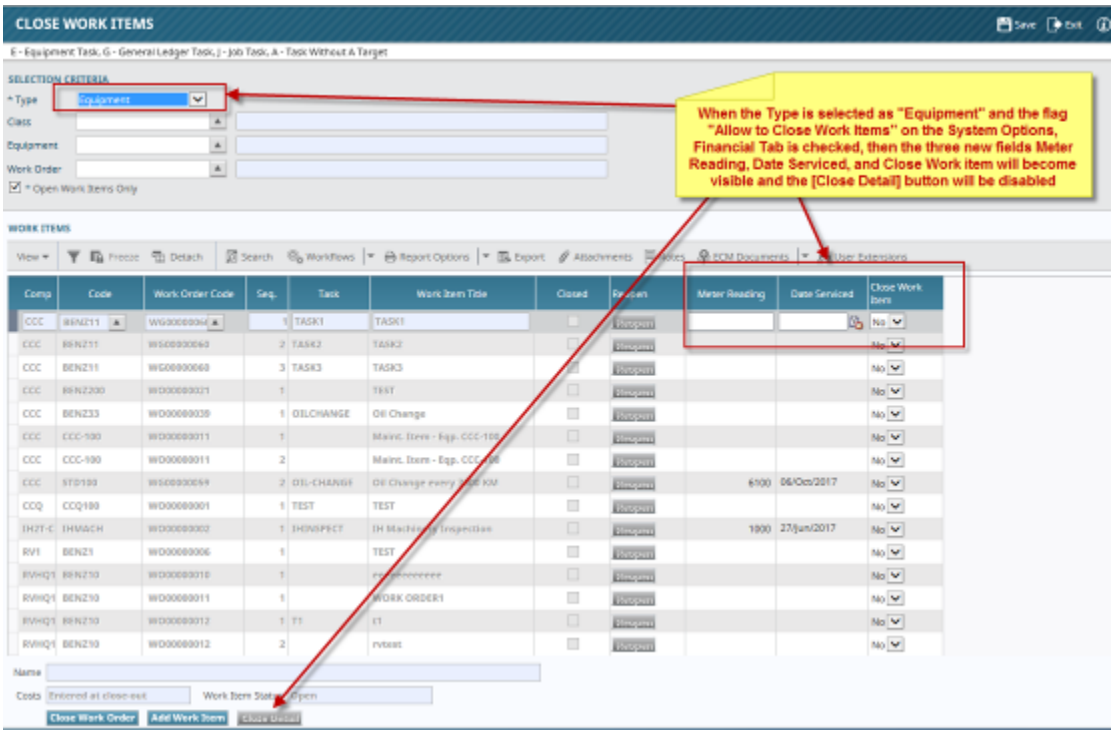
1. System -> Setup -> System Options -> Financials Tab:
   A new check box flag field “Allow to Close Work Items” has been added (the default value is “unchecked”).



2. Preventive Maintenance -> Close Out -> CLOSE WORK ITEMS screen:

   The following three new fields have been added to the screen:
   Enter Meter Reading;
   Date Serviced;
   Close (drop down list with two options YES, NO).

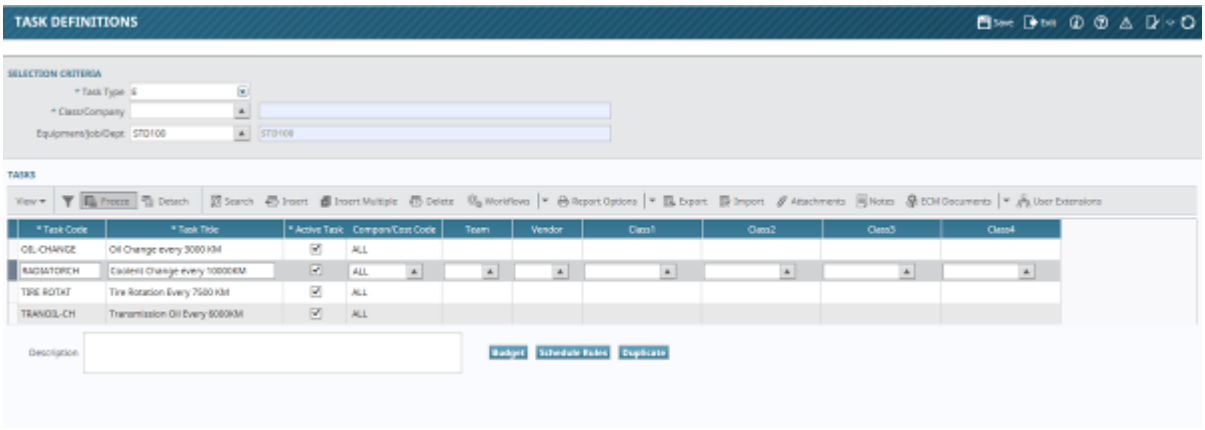
NOTE: The fields will become visible and the “Close Detail” button will be disabled on “CLOSE WORK ITEMS” screen only when the new flag “Allow to Close Work Items” is checked in the System Options (Financial Tab) and the selected Type in the Selection Criteria on the Close Work Items screen is selected as “Equipment”.



Example:

1. Equipment STD100 has 4 tasks defined:

Preventive Maintenance -> Tasks -> Define Tasks screen:



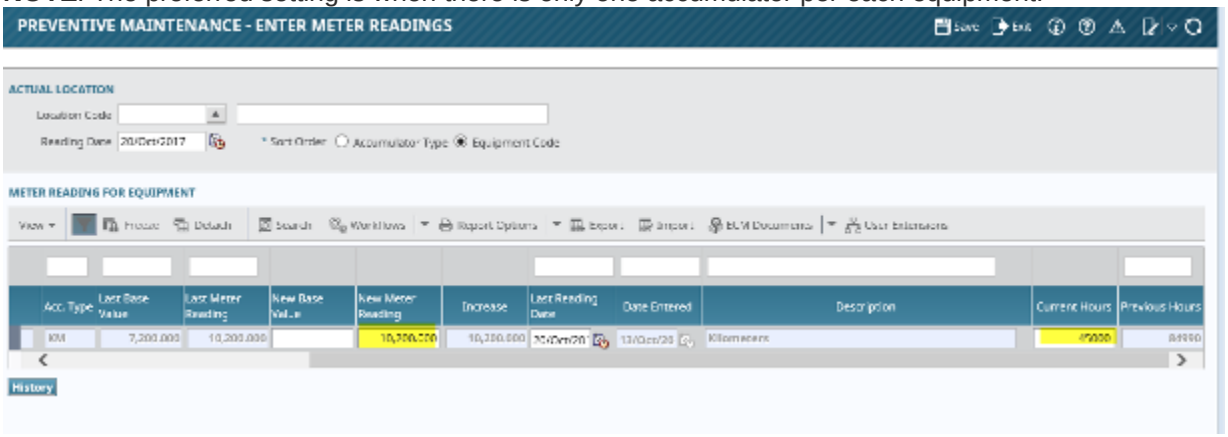
2. Enter Current Reading

Preventive Maintenance -> Accumulators -> Enter Current Reading

Two new fields have been added to the screen – “Current Hours” and “Previous Hours”. “Current Hours” field is

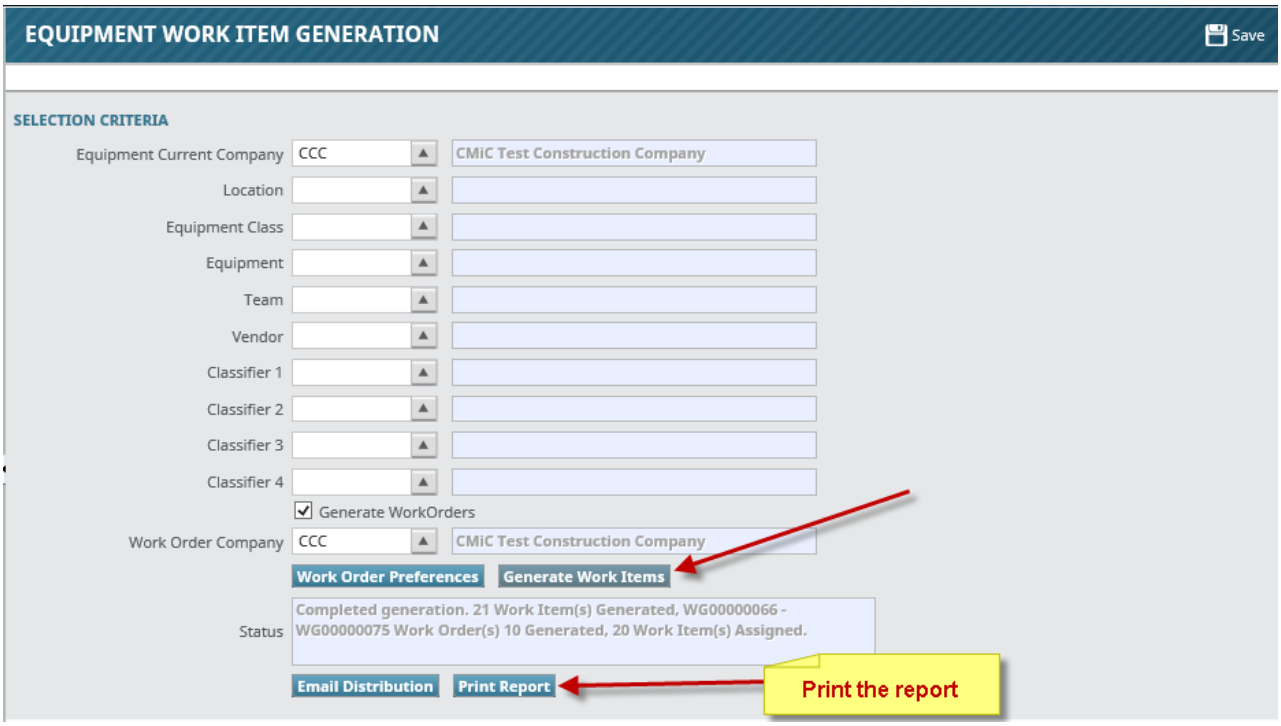
enterable free form field while “Previous Hours” is display only. Initial value will be null for both. When you enter the current hours updates the previous hours field and this will be accumulated filed. Sum of “Previous Hours” field value for each accumulator on equipment will be shown on report.

NOTE: The preferred setting is when there is only one accumulator per each equipment.



3. Generate Work Items and print the report for the company CCC:

Preventive Maintenance -> Tasks -> Generate Work Items screen:
Two new buttons have been added to the screen: [**Email Distribution**] and [**Print Report**].



This report is to be used for both printing and emailing. The report excludes the equipment at home locations.



CCC-HOME LOCATION

Page: 2 of 69
Date: Oct 21, 2017
Time: 10:50 AM EDT

STD100 STD100 — 12345 Project 12345 - Forecasting PMJSP
ACCUMULATED OPERATING UNITS 1019880 AS OF Oct 21, 2017

Work Order#	Insp.No	Service Description	Service Interval	Hours Since Last Service	Units At Service	Date Serviced
Coming Due						
WG00000063	768.01	oil	250	-18010100	10200	Oct 20, 2017
WG00000063	BRAKES	Brakes Maintenance Brakes Maintenance Every 15000 KM	15000	8950	10200	Oct 20, 2017
WG00000063	OIL	Oil Change	8000	2201	10200	Oct 20, 2017
WG00000063	ROTATE	Tire Rotation	12000	10200	10200	Oct 20, 2017
WG00000063	T1	OILCHANGE	3000	-1499	10200	Oct 20, 2017
WG00000063	T2	TIRE	11000	10200	10200	Oct 20, 2017
WG00000063	TRANSOIL	Transmission Oil Change Transmission Oil Change Every 12000 KM	12000	8950	10200	Oct 20, 2017
WG00000063	TSK-767	just a test	250	-118800	10200	Oct 20, 2017
WG00000064	765.01	Odometer change	60	-118800	10200	Oct 20, 2017
WG00000064	765.01	Odometer change	250	-118800	10200	Oct 20, 2017

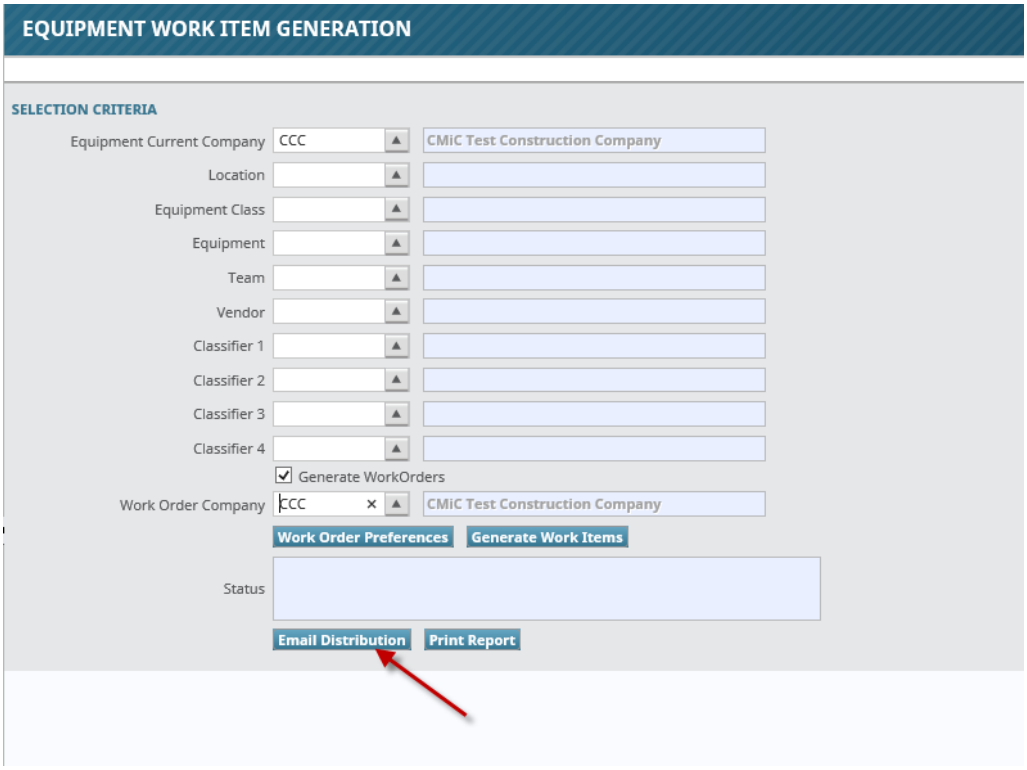
CCC-HOME LOCATION

Page: 4 of 69
Date: Oct 21, 2017
Time: 10:50 AM EDT

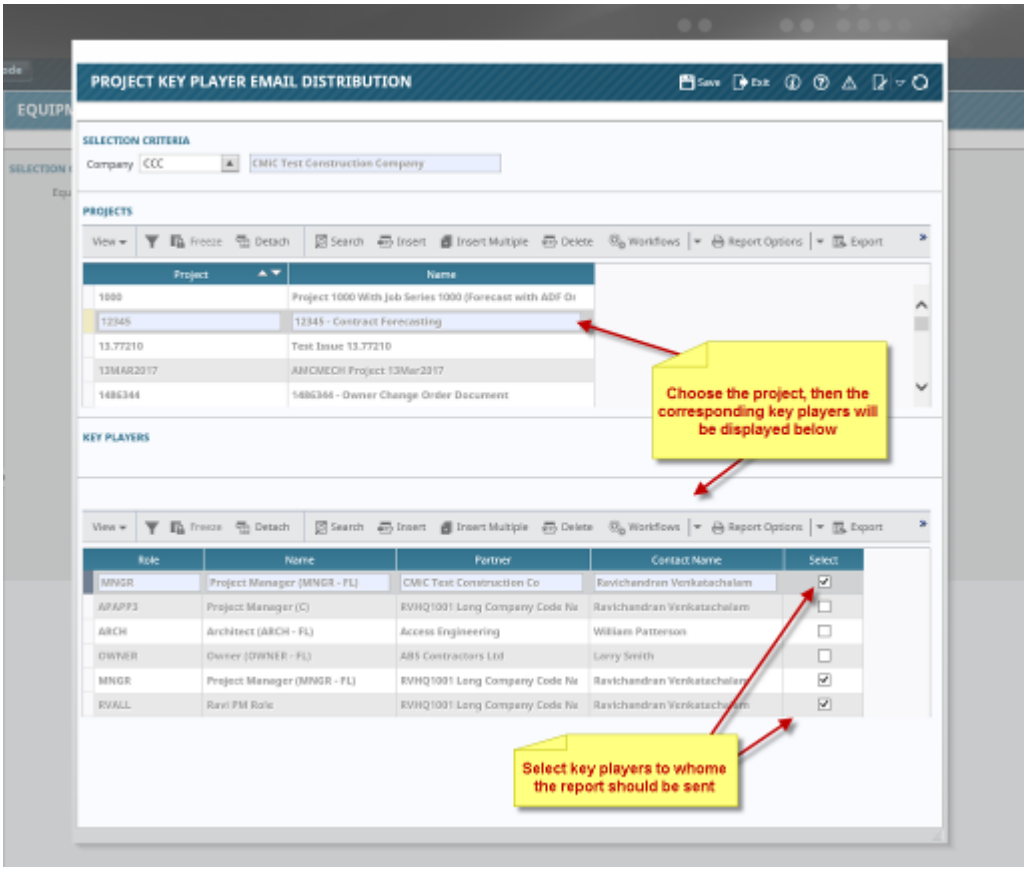
STD100 STD100 — 12345 Project 12345 - Forecasting PMJSP
ACCUMULATED OPERATING UNITS 2039760 AS OF Oct 21, 2017

Work Order#	Insp.No	Service Description	Service Interval	Hours Since Last Service	Units At Service	Date Serviced
Current Due						
WG00000059	14OCT2016	New Task 14Oct2016 14Oct2016 is a new task created to test maintenance assignments.	5000	5450	10200	Oct 20, 2017
WG00000059	768.02	Change Meter	250	201	10200	Oct 20, 2017
WG00000059	FILTER	Replace Filters	10000	10200	10200	Oct 20, 2017
WG00000059	OIL	Oil Change	5000	1202	10200	Oct 20, 2017
WG00000059	RADIATORCH	Coolent Change every 10000KM	10000	10200	10200	Oct 20, 2017
WG00000059	TIRE	Tire Rotate	10000	10200	10200	Oct 20, 2017
WG00000062	14OCT2016	New Task 14Oct2016 14Oct2016 is a new task created to test maintenance assignments.	5000	5450	10200	Oct 20, 2017
WG00000062	768.02	Change Meter	250	201	10200	Oct 20, 2017
WG00000062	FILTER	Replace Filters	10000	10200	10200	Oct 20, 2017
WG00000062	OIL	Oil Change	5000	1202	10200	Oct 20, 2017

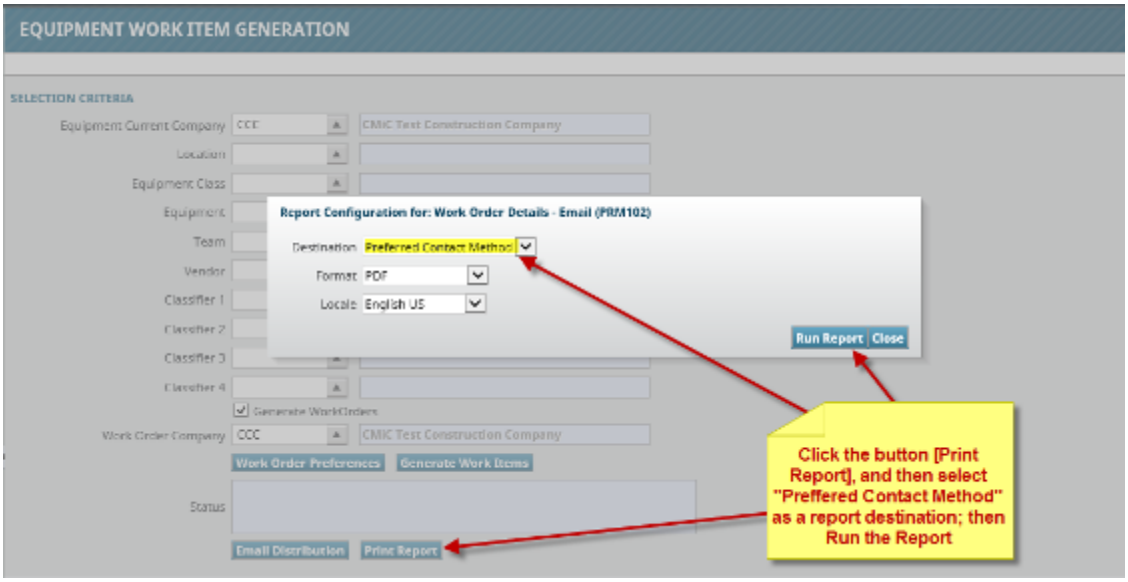
For the email distribution click the button [**Email Distribution**]:



The following pop-up screen will appear:



Upon selecting the key players, the selection should be saved and the pop-up window is closed (exited). The system will be back on the Equipment Work Item Generation screen. Then the button [**Print Report**] should be clicked, but the report destination should be selected as Preferred Contact Method:



The report will be sent to the selected key players.

NOTE: The report to be printed (or emailed) will have the following format:

Report# 1 Format

EQUIPMENT HOME COMPANY

DATE : 3/16/2017 10:52:59 AM

EQUIPMENT CODE AND NAME | **CURRENT EQUIPMENT JOB CODE AND JOB NAME**

ACCUMULATED OPERATING UNITS 122112 **AS OF** 03/16/2017 **Service Meter Reading** _____ **Operator Name** _____

WORK ORDER#	INSP. NO	SERVICE DESCRIPTION	SERVICE INTERVAL	HOURS SINCE LAST SERVICE	UNITS AT SERVICE	DATE SERVICE
Current Due						
WO#100	TaskCode1	Task Title (Oil Change)	5,000	0	5000.00	3/16/2017
		Task Description (Oil Change)				
WO#100	TaskCode2	Task Title (Oil Filter)	5,000	0	5000.00	3/16/2017
		Task Description (Oil Filter)				
Over Due						
WO#99	TaskCode3	Task Title (Tire rotation)	4,000	0	5000.00	3/16/2017
		Task Description (Tire rotation)				
Coming Due						
	TaskCode4	Task Title (Air Filter)	6,000	0		
		Task Description (Air Filter)				

Accumulated Operating Units - Adding two new fields one is display and one is free form field on Enter Current Meter Reading screen, Current hours and Previous hours. Current hours will be enterable free form field. Initial value will be null for both. When you enter the current hours this will update the previous hours field and this will be accumulated filed. Sum of previous hours field value for each accumulator on equipment will be shown on report.

Accumulated Operating Units As Of Date - Report generated/printed date

Hours Since Last Service - This will be (Current Meter Reading MINUS Last Serviced Meter Reading)

Overdue, Maintenance Needed (Old open work orders)
Current Due, Ready For Maintenance (Last meter reading + interval >= current meter reading)
Coming Due For Maintenance (Last meter reading + interval < current meter reading)
Note : Interval Percentage - Such as a 200 hr task will flag coming due at 150 hrs (based on the interval percentage) . it will show due at 200 hours and over due at 201 and above.

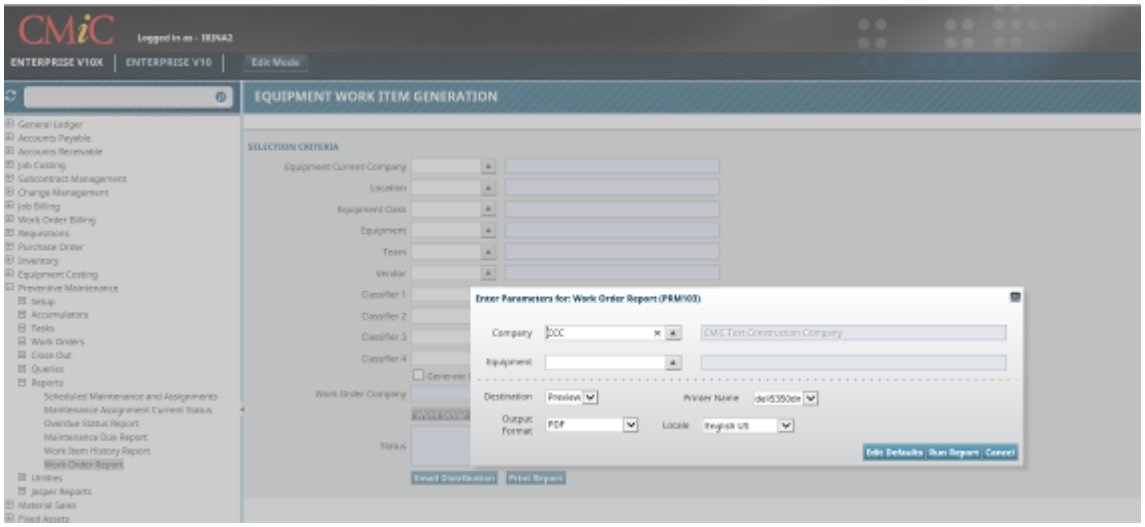
Unit At Service - Current Meter reading entered by user.

Date Service - Date Entered field on current meter reading screen

Service Meter Reading, Operator Name fields values will be entered manually on printed report.

4. Another report is created under Preventive Maintenance -> Reports -> Work Order Report:

The following pop-up window will appear:



This report can be run for equipment at any location including home location. Each equipment and their open work order details will be shown on the different page. The report will show all equipment tasks whether it is associated with work order or not.

CCC-HOME LOCATION

Page: 19 of 22
Date: Oct 21, 2017
Time: 2:02 PM EDT

BENZ125 BENZ125 6000-Job 6000

ACCUMULATED OPERATING UNITS 0 AS OF Oct 21, 2017 Service Meter Reading_____ Operator _____

Work Order#	Insp.No	Service Description	Service Interval	Hours Since Last Service	Units At Service	Date Serviced
Over Due						
WG000000054	T1	OILCHANGE	3000	15196	26805	Nov 23, 2016
WG000000054	T2	TIRE	11000	26896	26896	Nov 23, 2016
WG000000070	T1	OILCHANGE	3000	15196	26805	Nov 23, 2016
WG000000070	T2	TIRE	11000	26896	26896	Nov 23, 2016

The report has the following format:

Report# 2 Format

EQUIPMENT HOME COMPANY

DATE : 3/16/2017 10:52:59 AM

EQUIPMENT CODE AND NAME | CURRENT EQUIPMENT JOB CODE AND JOB NAME

ACCUMULATED OPERATING UNITS 122112 AS OF 03/16/2017 Service Meter Reading _____ Operator Name _____

WORK ORDER#	INSP. NO	SERVICE DESCRIPTION	SERVICE INTERVAL	HOURS SINCE LAST SERVICE	UNITS AT SERVICE	DATE SERVICE
Current Due						
WO#100	TaskCode1	Task Title (Oil Change)	5,000	0	5000.00	3/16/2017
		Task Description (Oil Change)				
WO#100	TaskCode2	Task Title (Oil Filter)	5,000	0	5000.00	3/16/2017
		Task Description (Oil Filter)				
	TaskCode4	Task Title (Alignment)	5,000	0	5000.00	3/16/2017
		Task Description (Alignment)				
Over Due						
WO#99	TaskCode3	Task Title (Tire rotation)	4,000	0	5000.00	3/16/2017
		Task Description (Tire rotation)				
	TaskCode5	Task Title (Transmission Oil)	4,000	0	5000.00	3/16/2017
		Task Description (Transmission Oil)				
Coming Due						
	TaskCode6	Task Title (Air Filter)	6,000	0		
		Task Description (Air Filter)				

Accumulated Operating Units - Adding two new fields one is display and one is free form field on Enter Current Meter Reading screen, Current hours and Previous hours.

Accumulated Operating Units As Of Date - Report generated/printed date

Hours Since Last Service - This will be (Current Meter Reading MINUS Last Serviced Meter Reading)

Overdue, Maintenance Needed (Old open work orders)
Current Due, Ready For Maintenance (Last meter reading + interval >= current meter reading)
Coming Due For Maintenance (Last meter reading + interval < current meter reading)
Note : Interval Percentage - Such as a 200 hr task will flag coming due at 150 hrs (based on the interval percentage) . it will show due at 200 hours and over due at 201 and above.

Unit At Service - Current Meter reading entered by user.

Date Service - Date Entered field on current meter reading screen

Service Meter Reading, Operator Name fields values will be entered manually on printed report.

Summary:

CMiC has modified Preventative Maintenance program to have Work Orders automatically emailed to a specific person within the project setup. A new check box flag field “Allow to Close Work Items” has been added to the System Option, Financial Tab.
Three new fields have been added to the screen: Enter Meter Reading; Date Serviced; and Close.

Project Management

ITB Broadcast Template – More Placeholders (15.02926)

Additional placeholders have been added to the original list of available placeholders. Below is the full list of placeholders and where they are applicable:

Columns available for use as placeholders

$$SCOPE_OF_WORK$$	Bid Package or Invitation To Bid Scope Of Work
$$NOTES$$	Notes (Comments on Bidder record in BidPackage or InvToBid)
$$PARTN_NAME$$	[To:] Partner Name
$$PHONE_NUM$$	[To:] Contact Phone Number
$$CONTACT_NAME$$	[To:] Contact Name
$$EMAIL_ADDR$$	[To:] Email Address
$$SENDER_EMAIL$$	[From:] Sender Email
$$SENDER_NAME$$	[From:] Sender Name
$$SYS_DATE$$	System Date
$$RESPONSE_URL$$	Response URL
$$SYS_TIME$$	time portion of system date
$$BID_TIME$$	time portion of bid date

$$PROJ_NAME$$	Project Name
$$PROJ_ADDR1$$	Project Address Line 1
$$PROJ_ADDR2$$	Project Address Line 2
$$PROJ_ADDR3$$	Project Address Line 3
$$PROJ_REGION_CODE$$	Project Regional Code
$$PROJ_POSTAL_CODE$$	Project Postal Code
$$PROJ_COUNTRY$$	Project Country
$$PROJ_DESC$$	Project Description
$$BID_DATE$$	Bid Date

$$COMP_NAME$$	Company Name
$$COMP_ADDR1$$	Company Address Line 1
$$COMP_ADDR2$$	Company Address Line 2
$$COMP_ADDR3$$	Company Address Line 3

$$COMP_REGION_CODE$$	Company Regional Code
$$COMP_POSTAL_CODE$$	Company Postal Code
$$COMP_PHONE_COUNTRY_CODE$$	Company Phone Country Code
$$COMP_PHONE_AREA_CODE$$	Company Phone Area Code
$$COMP_PHONE_NUM$$	Company Phone Num
$$COMP_FAX_COUNTRY_CODE$$	Company Fax Country Code
$$COMP_FAX_AREA_CODE$$	Company Fax Area Code
$$COMP_FAX_NUM$$	Company Fax Num
$$COMP_TELEX_NUM$$	Company Telex Num
$$COMP_LEGAL_NAME$$	Company Legal Name

Bid Package Specific:

$$BID_PACKAGE_NAME$$	Bid Package Name
$$BIDP_DUE_DATE$$	Bid Package Bid Due Date (Submit Bid by). Date format 'MM/DD/YYYY HH:MI:PM'
$$BIDP_RESPOND_BY_DATE$$	Bid Package Respond By Date (Reply Indicating Interest by)
$$BIDP_DESCRIPTION$$	Bid Package Description
$$BIDP_CSI_CODE$$	CSI Code Name

Pre-Bid Meeting / Job Walk Information:

$$BIDP_PREBID_MEET_DATE$$	Meeting Date
$$BIDP_PREBID_MEET_TIME$$	Meeting Time
$$BIDP_PREBID_MEET_LOC$$	Meeting Location

Invitation To Bid Specific:

$$ITB_COMMENT$$	Invitation To Bid Comments
$$ITB_PROJ_DESC$$	Invitation To Bid Project Description
$$ITB_PLANROOM_URL$$	Planroom URL
$$ITB_PLANROOM_SPEC$$	Planroom Specification

Addendum Specific:

$$ADDEND_NAME$$	Addendum Name
$$ADDEND_RECEIVED_DATE$$	Addendum Received Date
$$ADDEND_DESC$$	Addendum Description

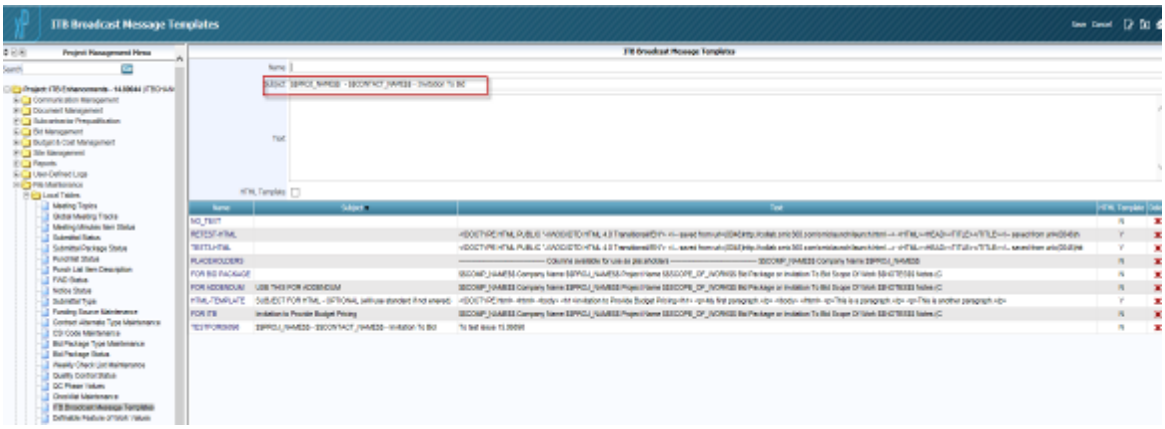
$$ADDEND_FROM_PARTN_NAME$$ Addendum From Partner Name

$$ADDEND_FROM_CONTACT_NAME$$ Addendum From Contact Name

ITB Broadcast Template – Subject field (15.06898)

Changes have been made to allow users to add and manipulate the subject line for an Invitation to Bid broadcast email.

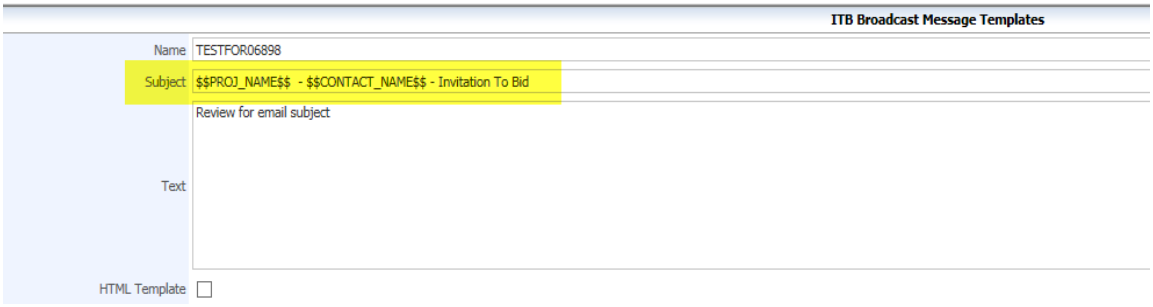
The SUBJECT field has been added to the Broadcast Template screen:



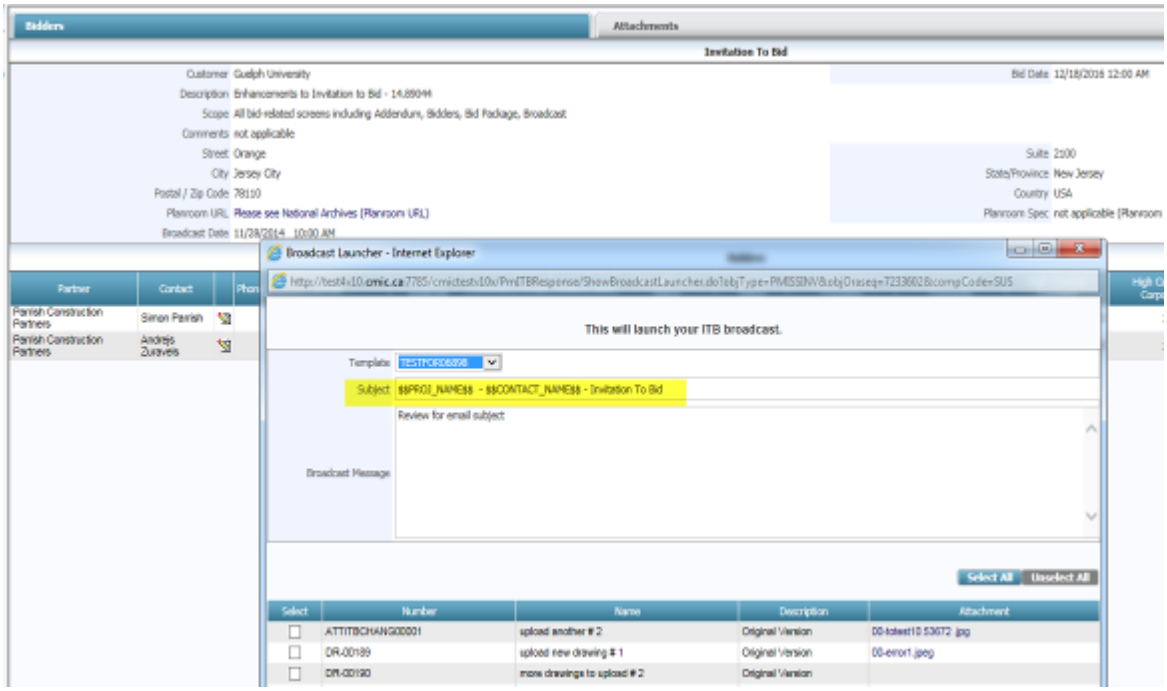
When adding a new template, the Subject field is initially pre-populated with "$$PROJ_NAME$$ - $$CONTACT_NAME$$ - Invitation To Bid" placeholder. This can be overridden by the user at this point or at the point of sending a broadcast, if left intact. Otherwise, if it is left blank, it will be replaced by the standard subject line that is sent for ITB broadcasts.

Example

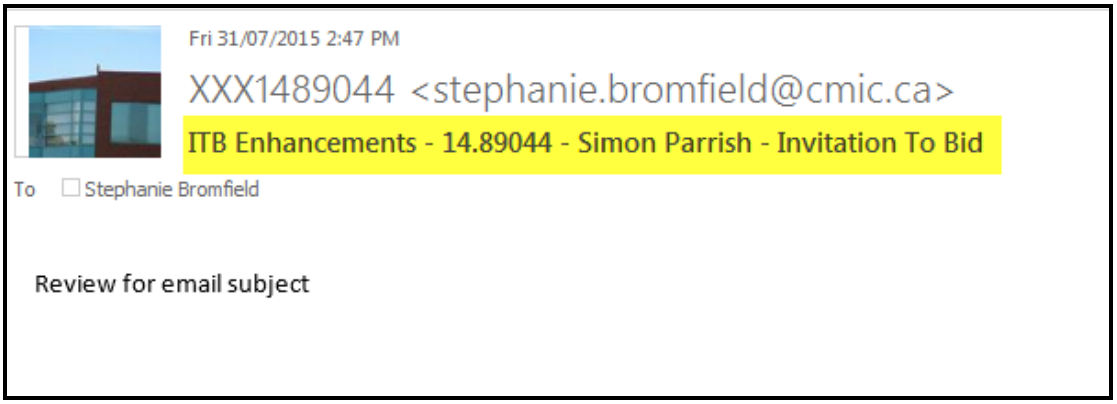
If the following template is used to send a broadcast:



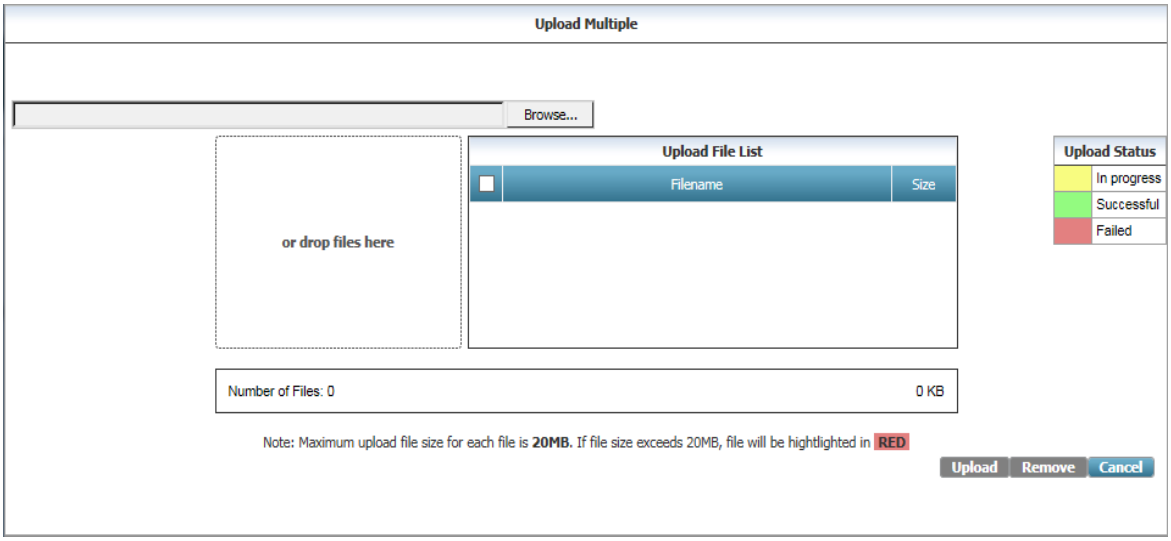
The subject is pulled in with all other text from the template, and can be changed:



If it is broadcast as is, the result becomes:



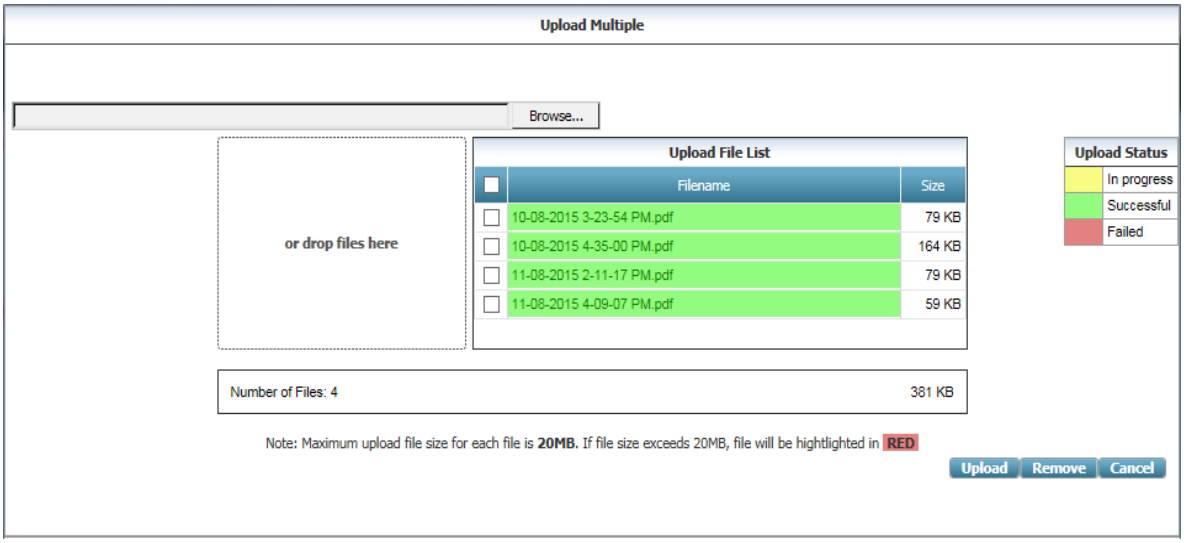
Enhanced Upload Multiple Popup (15.06470)



The Upload Multiple popup window has been enhanced to show a different user interface when using IE 11, Chrome and Firefox.

In addition to selecting files to upload using the [**Browse**] button, the user can drag and drop files from an open file folder into the area shown.

The upload status is a legend to show the status of the files while they are loading and at the end of the initial load.



The underlying upload function has remained the same.

Meeting Minutes Import – 2 More Fields Added (15.07894)

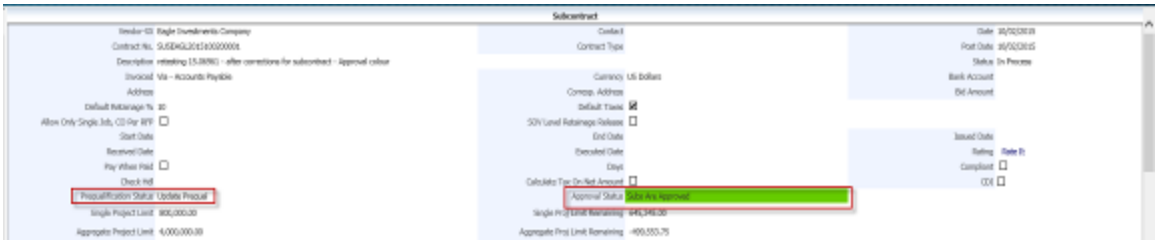
pmmeetingitem.ctl - Notepad

File Edit Format View Help

```
LOAD DATA
APPEND
INTO TABLE DA.PMMEETINGITEMIMPORT
FIELDS TERMINATED BY "," OPTIONALLY ENCLOSED BY '"'
(
  pmmii_meeting_id     ,
  pmmii_item_id        ,
  pmmii_item_desc      ,
  pmmii_item_status    ,
  pmmii_resp_partn_code,
  pmmii_resp_cont_code ,
  pmmii_resp_comment   ,
  pmmii_item_due_date   DATE 'DD-MON-RRRR'
  pmmii_topic,
  pmmii_item_note
)
```

Topic and Minutes (notes) have been added to the Meeting Minutes Import control file (pmmeetingitem.ctl).

Prequal and Approval Status in Subcontract and Change Order screens (15.06961)



Subcontract and subcontract change order modified to show the Pre-qualification Status and Approval Status fields (color indicator included for this field) as display-only. Field security is also available for these fields on both screens.

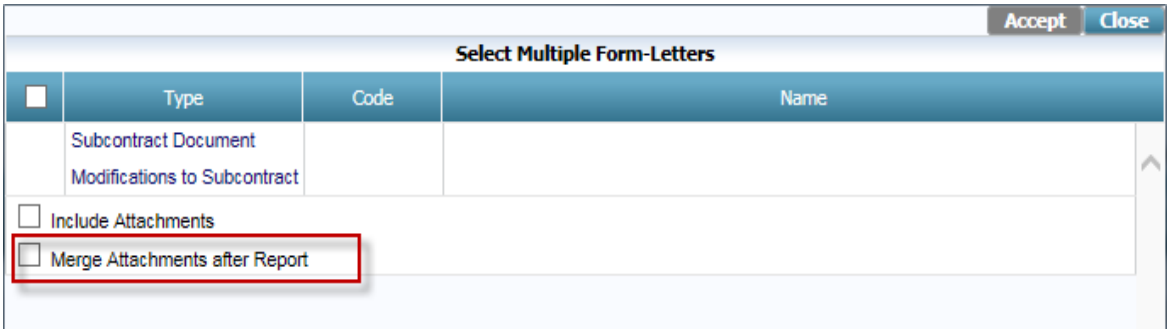
Privileges to Disable Printing for Subcontract/Subcontract Change Order (15.05451)



Added two project-role privileges for disabling the PRINT button on Subcontracts and Subcontract Change Orders.

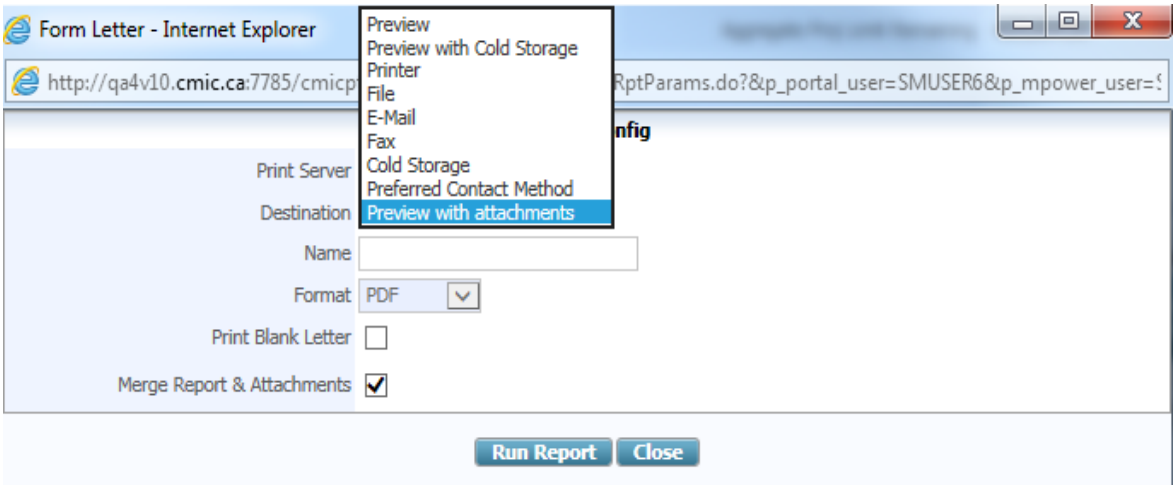
The default value for these privileges is 'un-checked', to allow printing, thereby retaining current functionality.

Multiple Form Letter Print - Merge Attachments after Report (14.87559)

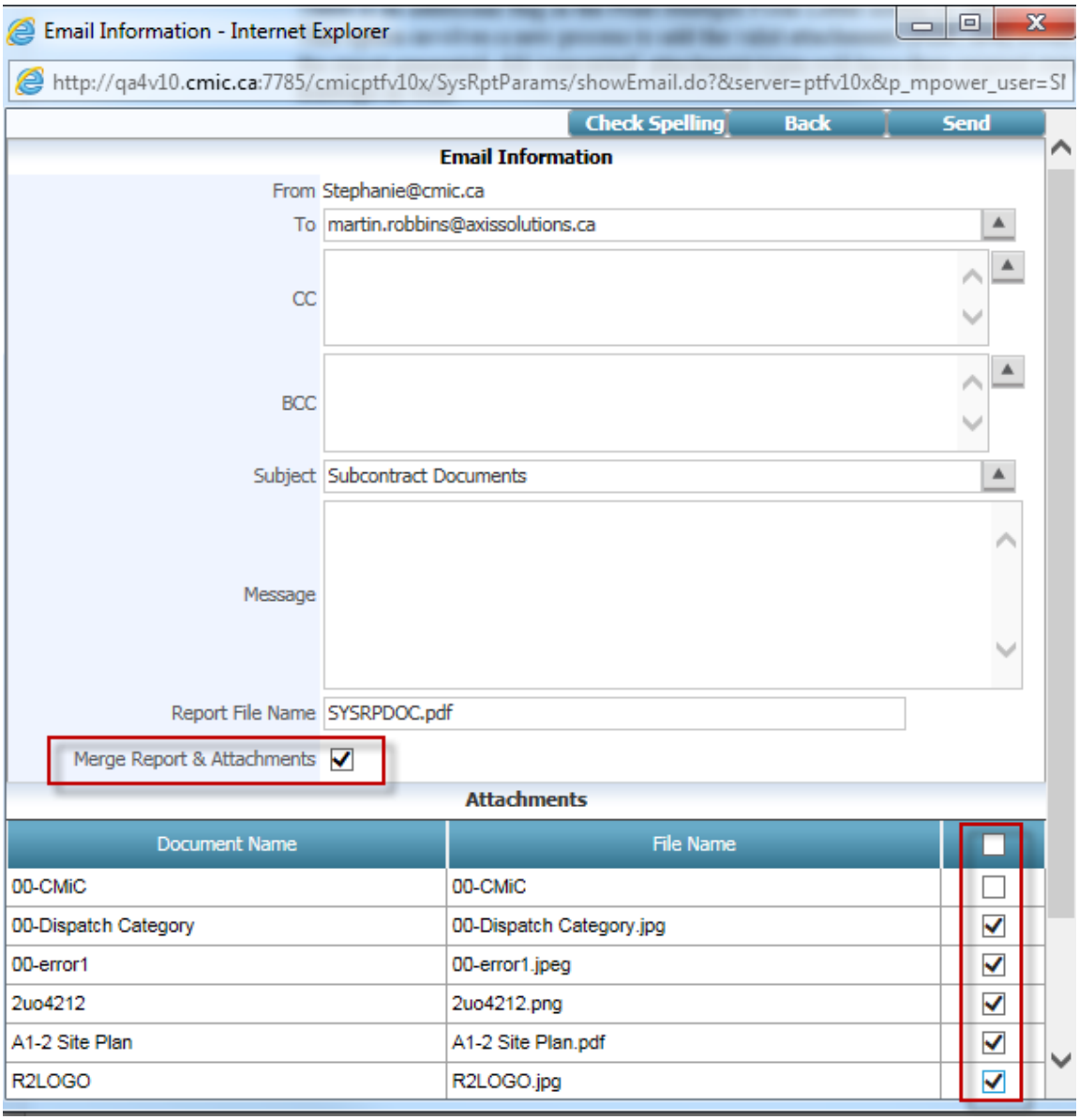


There is an additional flag in the Print Multiple Form Letter screen to '**Merge Attachments after Report**'. This option involves a new process to add the valid attachments (PDF, JPG, PNG, BMP, JPEG, TIFF) to the report generated. All 'converted' attachment types will have their original state and should retain the markups as well.

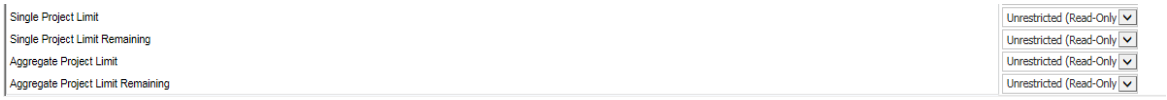
NOTE: When this new flag is un-checked, the Print Multiple Form Letter functionality will function in the original way.



When the 'Merge Attachments after Report' flag is checked valid destinations are 'Preview with Attachments' and 'Email' only. Also note that with the 'Email' option you will need to select the attachments in the 'Email Information' popup display (see below), and this will add an additional report (report+attachments.pdf) to the Email, which is the merge: report + attachments:



Field Security for Prequal Limits in Subcontract and Change Order screens (15.07671)



Added field security for the Pre-qualification Limit fields on both the Subcontract and Subcontract Change Order screens.

Minority Participation – Validation Changes (08.24276)

The Forms Minority Participation window on the PM Subcontract Entry program will be changed as follows:

a) The Column Title '2nd Tier Vendor' will be change to be '1st or 2nd Tier Vendor'

b) The validation will be removed that does not allow the 1st Tier Vendor to be entered.

c) The validation that does not allow the same vendor to be entered twice will be removed.

The JSP Subcontract Entry page will be changed as follows: The validation that does not allow the same vendor to be entered twice will be removed.

Documents – From and To Contact Fields (08.23172)

Added two new fields to the PM Forms: Document Options definition screen. These two fields will be From Contact and To Contact. By default these two fields will not be active on any document definition.

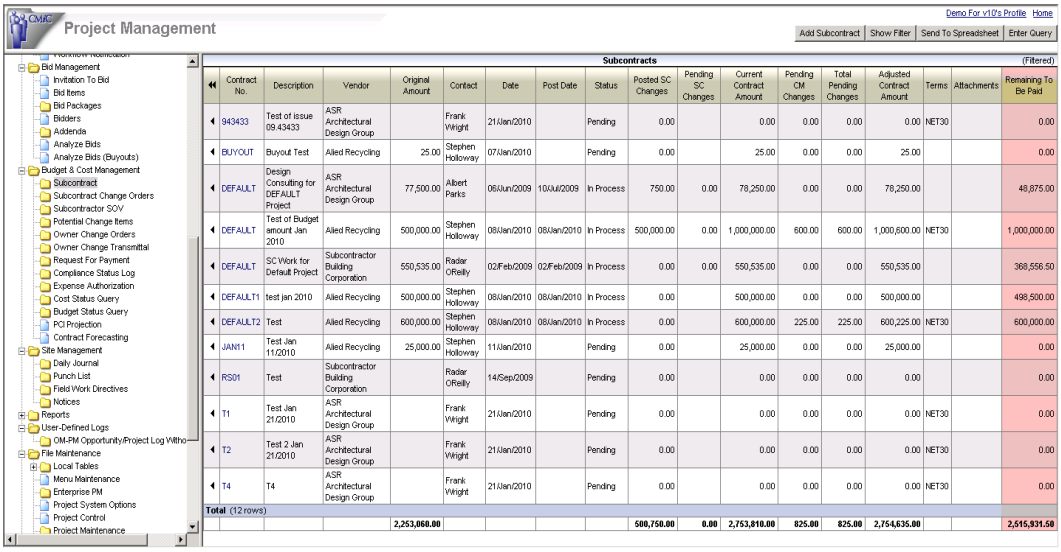
These fields are NOT user definable - they may be turned on or off and their titles may change but the definition cannot. In other words they will act in a similar manner as the Revision field. These new fields also are only applicable to the Add Document from the log JSP screen and the Upload Document popup JSP screen.

CMiC will update the actual document tables to have the fields necessary to store the contact from and contact to information when entered against a document.

When used in these Document JSP pages there will be no default values in either field, but the LOV will be restricted to the current project. These fields also do not carry any collaboration rules such as the user can only see documents to or from themselves.

These new fields have been added to the standard Form Letter view for Documents - FLPM1150.

Subcontract Log Changes (09.33489)



Contract No.	Description	Vendor	Original Amount	Contact	Date	Post Date	Status	Posted SC Changes	Pending SC Changes	Current Contract Amount	Pending CM Changes	Total Pending Changes	Adjusted Contract Amount	Terms	Attachments	Remaining To Be Paid
943433	Test of issue 09.43433	ASR Architectural Design Group		Frank Wright	21/Jan/2010		Pending	0.00		0.00	0.00	0.00	0.00	NET30		0.00
BUYOUT	Buyout Test	Allied Recycling	25.00	Stephen Holloway	07/Jan/2010		Pending	0.00		25.00	0.00	0.00	25.00			0.00
DEFAULT	Design Consulting for DEFAULT Project	ASR Architectural Design Group	77,500.00	Albert Parks	06/Jun/2009	10/Jul/2009	In Process	750.00	0.00	78,250.00	0.00	0.00	78,250.00			48,875.00
DEFAULT	Test of Budget amount Jan 2010	Allied Recycling	500,000.00	Stephen Holloway	08/Jan/2010	08/Jan/2010	In Process	500,000.00	0.00	1,000,000.00	600.00	600.00	1,000,600.00	NET30		1,000,000.00
DEFAULT	SC Work for Default Project	Subcontractor Building Corporation	550,535.00	Radar OReilly	02/Feb/2009	02/Feb/2009	In Process	0.00	0.00	550,535.00	0.00	0.00	550,535.00			368,556.50
DEFAULT1	test jan 2010	Allied Recycling	500,000.00	Stephen Holloway	08/Jan/2010	08/Jan/2010	In Process	0.00		500,000.00	0.00	0.00	500,000.00			498,500.00
DEFAULT2	Test	Allied Recycling	600,000.00	Stephen Holloway	08/Jan/2010	08/Jan/2010	In Process	0.00		600,000.00	225.00	225.00	600,225.00	NET30		600,000.00
JAN11	Test Jan 11/2010	Allied Recycling	25,000.00	Stephen Holloway	11/Jan/2010		Pending	0.00		25,000.00	0.00	0.00	25,000.00			0.00
RS01	Test	Subcontractor Building Corporation		Radar OReilly	14/Sep/2009		Pending	0.00		0.00	0.00	0.00	0.00			0.00
T1	Test Jan 21/2010	ASR Architectural Design Group		Frank Wright	21/Jan/2010		Pending	0.00		0.00	0.00	0.00	0.00	NET30		0.00
T2	Test 2 Jan 21/2010	ASR Architectural Design Group		Frank Wright	21/Jan/2010		Pending	0.00		0.00	0.00	0.00	0.00	NET30		0.00
T4	T4	ASR Architectural Design Group		Frank Wright	21/Jan/2010		Pending	0.00		0.00	0.00	0.00	0.00	NET30		0.00
Total (12 rows)																
			2,253,060.00					**500,750.00**	**0.00**	**2,753,810.00**	**825.00**	**825.00**	**2,754,635.00**			**2,515,931.50**

Addition of an optional new field in the Subcontract log to reflect balance remaining to be paid.

[Posted SC + Posted SCCO's - Posted RFP (gross) - Pending SC RFP (gross)]

Note that displaying this new column may impact the Subcontract Log performance. This is due to necessary calculations performed for each and every queried subcontract. Although the log view is optimized, if this new column (SCMST_REMAIN_TO_BE_PAID_AMT) is not displayed in the log (per Log Builder setup), no corresponding calculations are being performed and the log performs faster.

Creating SC and PO for Subjob in Header- Analyze Bids (10.44368)

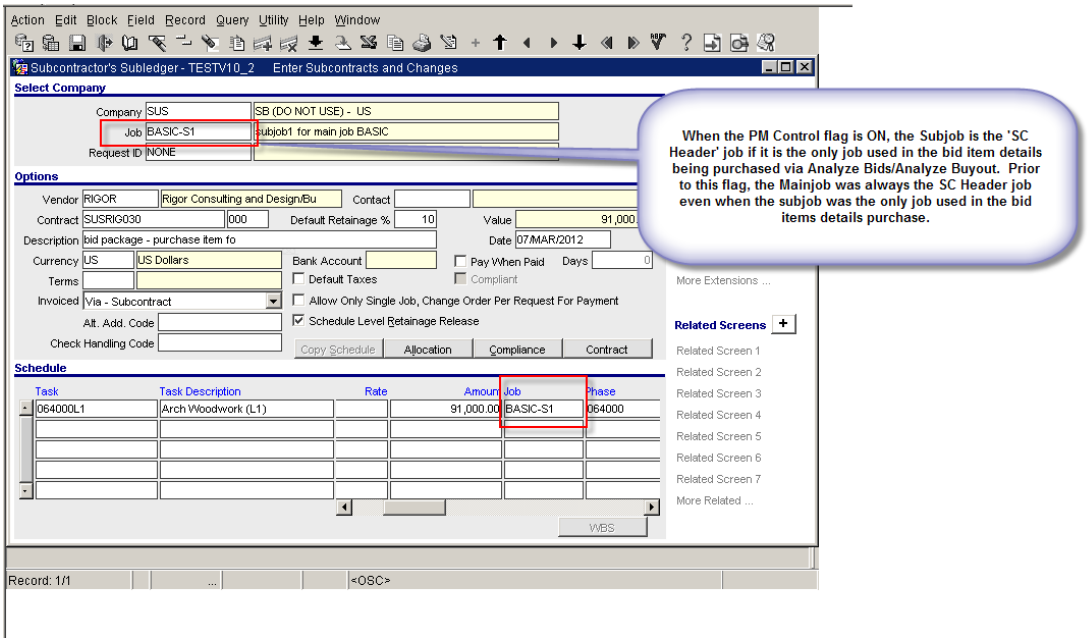
Project Management Control – Jobs tab

Added two checkboxes:

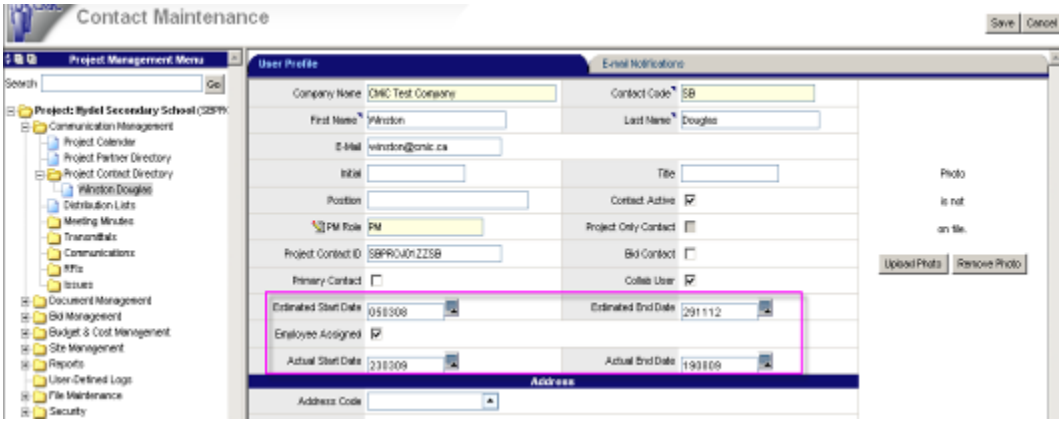
PO Can Be Created Against Subjobs in Analyze Bids/Analyze BuyOut Items

SC Can be Created Against Subjobs in Analyze Bids/Analyze BuyOut Items

When either or both these flags are checked, and when creating purchase orders and/or subcontracts in the Analyze Bids/Analyze BuyOut Items (subcontracts only), if all the details selected are for the same job, then the detail job will be the one for which the contract is written. If the detail consists of lines for both the main job and subjobs, then the contract will be written for the main job (current functionality).



Project Contact/Employee Project History (09.40382)



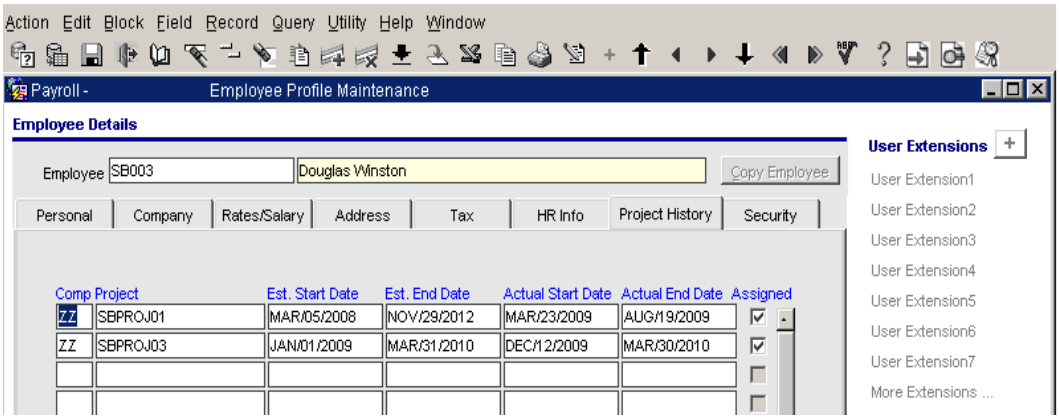
1) Added 5 new fields (to which field security can be applied) to the Project Contact screen:

- Estimated Start Date
- Estimated End Date

- Actual Start Date
- Actual End Date
- Currently Assigned/Working Flag - Y/N

The fields only apply to a project contact that has an associated employee number.

2) Modified the Employee Profile program (Forms version) to have a Project History tab. This tab is designed to show all projects to which the employee has been assigned. It displays the company code, project code, project name, Estimated Start Date, Estimated End Date, Actual Start Date, Actual End Date, and Assigned Flag - Y/N. The only records shown in this tab are those that have an estimated or actual start date.



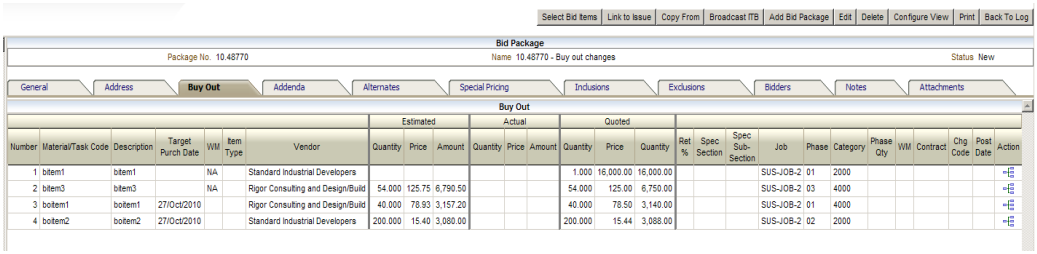
3) The project contacts log view also include these 5 new fields.

NOTE: The new flag Currently Assigned/Working has no affect on the Active/Inactive flag.

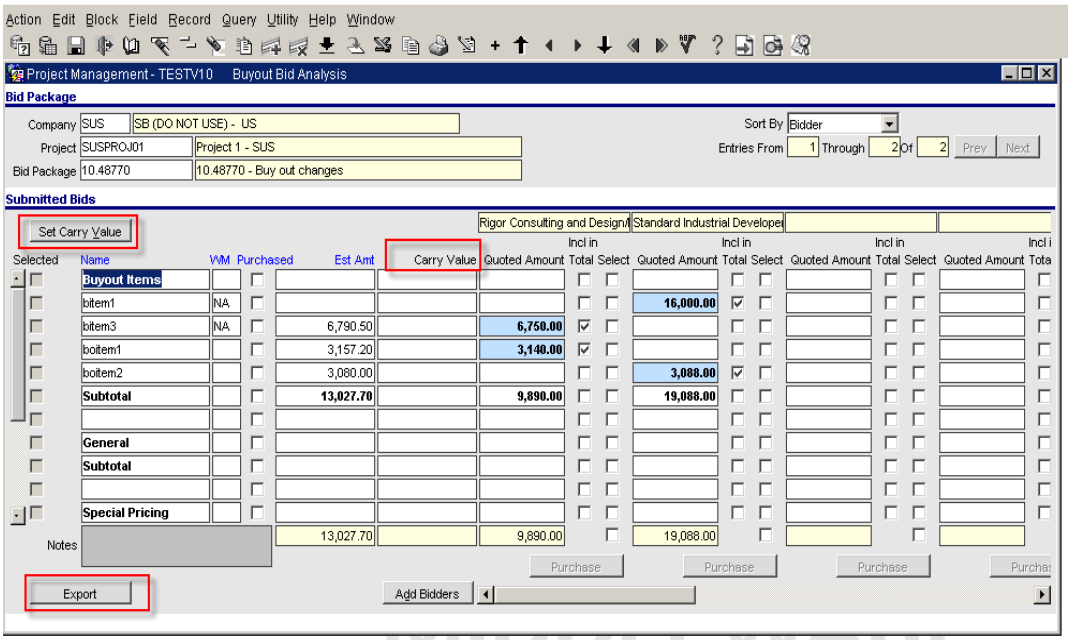
BuyOut Bids – Changes for Carry Value (10.48770)

1. Buy Out Bid Analysis

Buy Out Items in Bid Package:



The Analyze Bids (Buyouts) form has been removed from the Forms PM Menu in order to accommodate the new form size. It can now only be run from the PM Treeview Menu.



The following have been added to the Buyout Bid Analysis screen:

Carry Value field

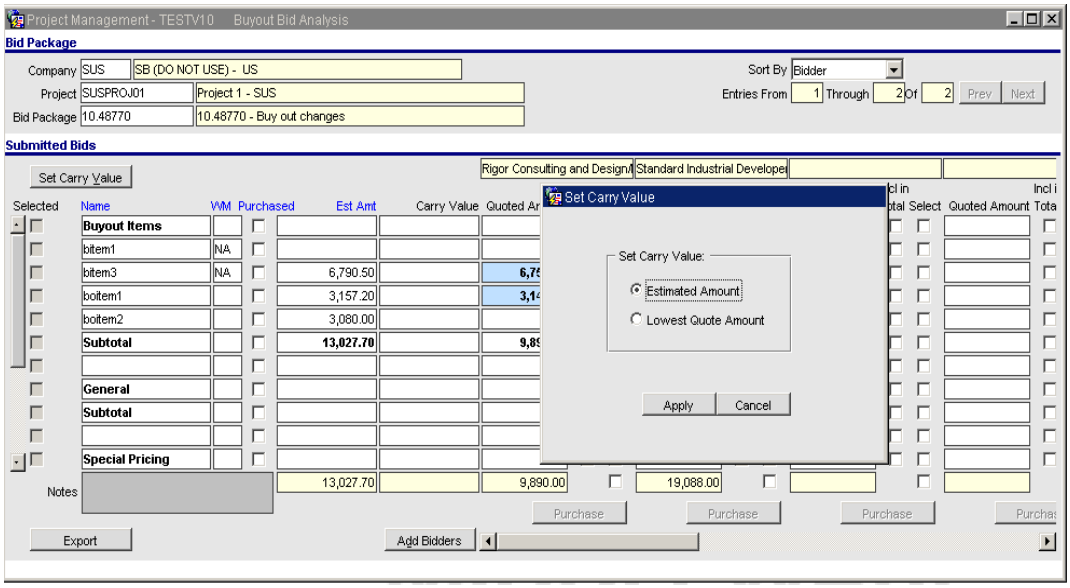
This can be populated in the following ways:

- Manually
- Using new button Set Carry Value
- Using Right Click context menu

Set Carry Value button

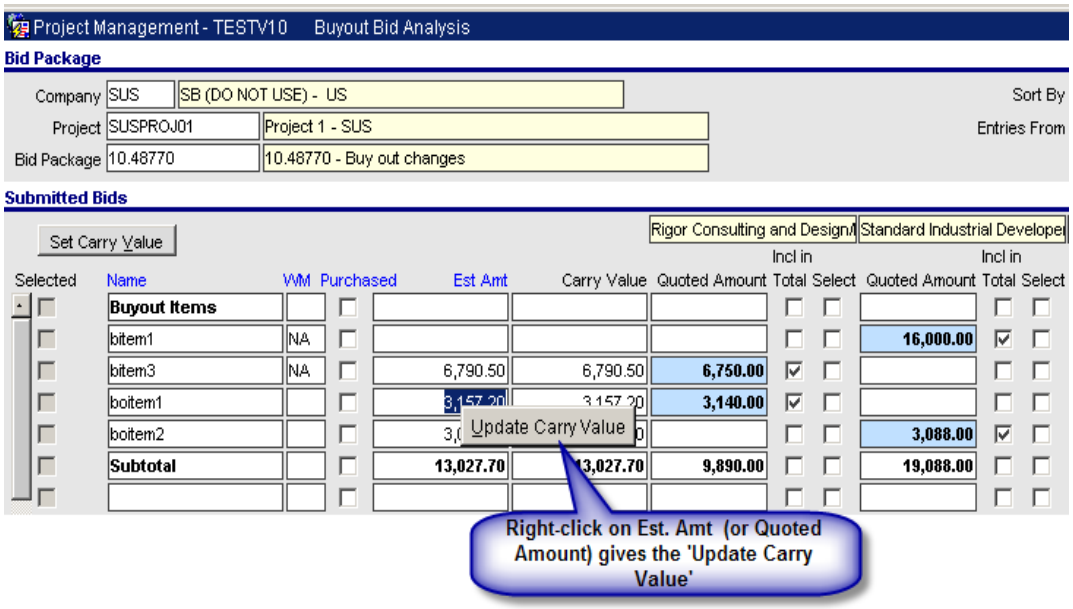
The new button will open a popup, where the user can choose how to populate the Carry Value field. Two options are available:

- Estimated Amount
- Lowest Quote Amount



Once the [**Apply**] button is pressed, the Carry Value field for all records will be populated according to the user's choice. It will override any values already in the column.

The user can also populate the Carry Value by using the right-mouse click menu on the Estimated Amount field or any Quoted amount. It will override any values already in the column.

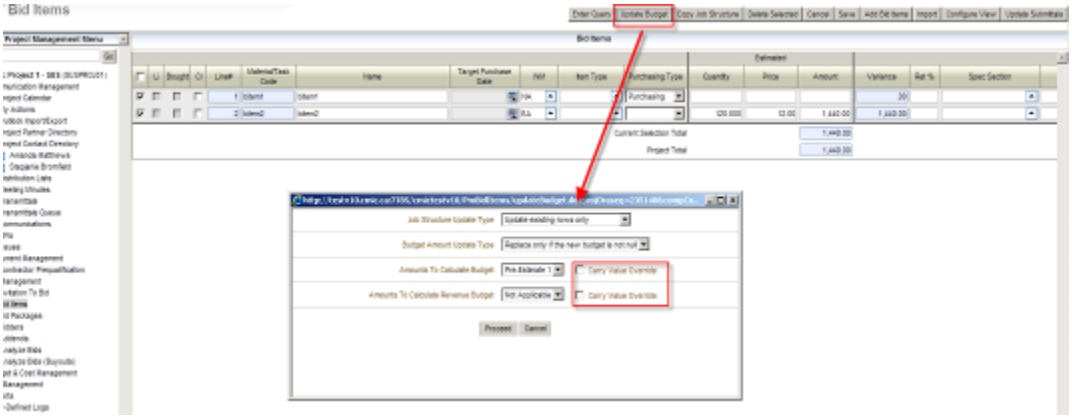


The Buyout Bid Analysis screen has also been modified to highlight the Lowest Quoted Amount for each Buyout Item. The background color of the lowest Quoted Amount will be light-blue (as shown above).

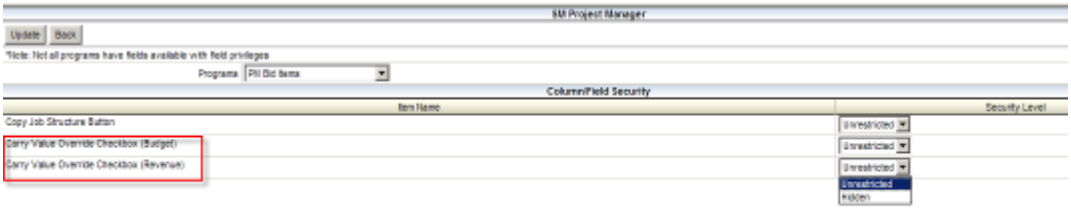
2. Updating the Budget with Carry Value

The Carry Value will also be stored on the corresponding Bid Item, but only if there is a one-to-one relation between Buyout Item and Bid Item.

When updating budget from the Bid Items screen (using [Update Budget], two new check boxes have been added to the parameters popup allowing the users to override Budget and Revenue amount by the Carry Value if it exists:



Field security can be applied to these checkboxes if required:



The possible values are ‘Unrestricted’ or ‘Hidden’.

3. Purchasing Buy-Out Bid Items – (applicable to Forms only)

During purchasing of buyout item using the Analyze Bids Buyout Items, when posting a Subcontract, the posting program will create a new Bid Item, if Carry Value (or Estimated Amount if Carry Value is blank) is greater than Schedule line amount (which is Purchase Amt).

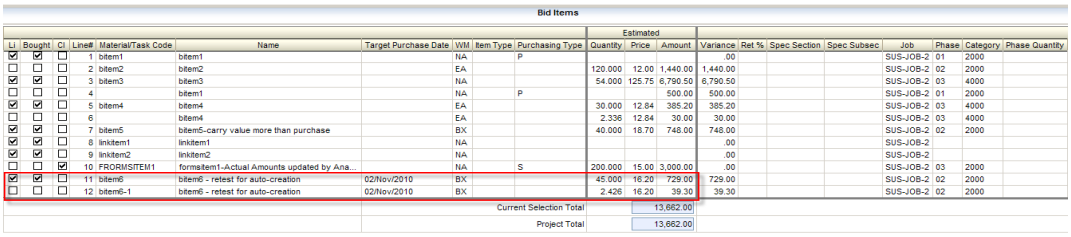
The new bid item will have the same information as the original bid item, but the Estimate Amount will be calculated as (Carry Value (or Estimated Amount if Carry Value is blank) – Schedule line amount).

Estimated Quantity will be calculated as (New Estimated Amt * Original Bid Item Price).

The new Bid Item Code will be the old bid item code with a suffix

eg: original bid item: bditem1

new bid item: bditem1-1



NOTE: The new Bid Item will only be created, if there is one-to-one relation between Buyout Item and Bid Item.

4. [Export] button

This has been added to allow 'Send to Spreadsheet' functionality. It will export all records in the **Submitted Bids** block to Excel. An example is shown below:

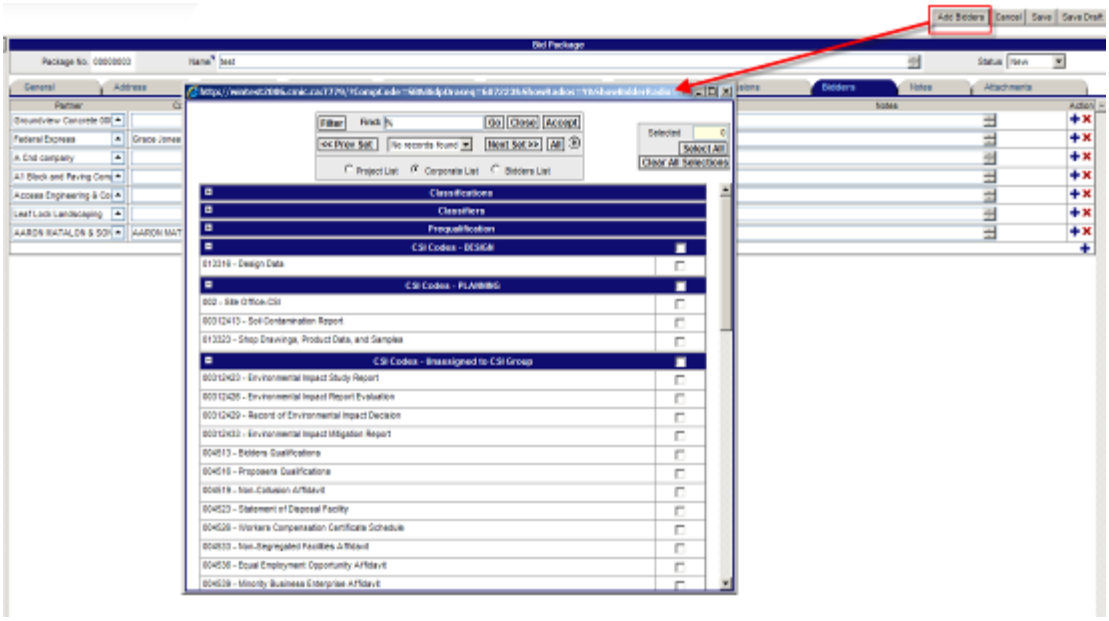
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
1							Rigor Consulting and Design/Build				Standard Industrial Developers				
2	Selected	Name	WM	Purchased	Est Amt	Carry Valu	Quoted An	Include In	Select	Notes	Quoted An	Include In	Select	Notes	
3		Buyout Items													
4	Y	bitem1	NA	Y		16000					16500	Y	Y		
5	Y	bitem3	NA	Y	6790.5	6000	6750	Y	Y		10000	Y			
6		boitem1		N	3157.2	3000	3140	Y			3100	Y			
7		boitem2		N	3080	3088	3500	Y			3088	Y			
8	Y	bitem4	EA	Y	385.2	300	321	Y			330	Y	Y		
9	Y	bitem5-car	BX	Y	748	850	832.5	Y	Y						
10		Subtotal		14160.9	29238	14543.5				33018					
11															
12		General													
13		Subtotal													
14															
15		Special Pricing													
16		Subtotal													
17															
18		Inclusions													
19		Subtotal													
20															
21		Exclusions													
22		Subtotal													
23															

Additional notes:

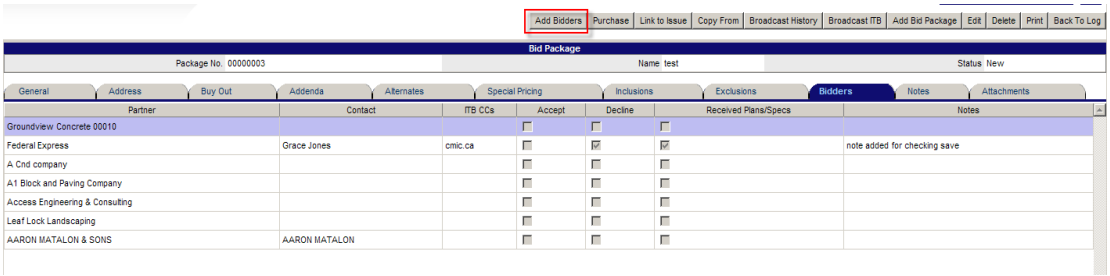
Creating a new Bid Item during the SC Posting (item #3) will only happen if the there is a one-to-one relation between Bid Item and Buyout item. This link is established by the following:

- When creating a Buyout Item (Bid Packages screen in JSP), the user can link the Buyout Item to a Bid Item. The "one-to-one relation between Bid Item and Buyout item" means there is only one linked Bid Item.
- When updating Carry Value in the Analyze Bids (Buyouts) screen, the program will also update the Carry Value on the linked Bid Item if only one linked Bid Item exists. The Bid Item's Carry Value will be used in items #2 and 3 above.
- When the user Purchase Buyout Item, the program will update created Subcontract schedule line with the Bid Item oraseq **(da.scsched .scsch_pm_bo_121_biditem_oraseq)**, if there is only one linked Bid Item. If there are more than one linked Bid Items, the Bid Item oraseq will not be populated.
- During the Subcontract Posting process, if there is a link to Bid Item **(da.scsched .scsch_pm_bo_121_biditem_oraseq is populated)**, then posting will proceed with the functionality described in item #3 above (creating a new Bid Item if necessary).
- It can be a potential problem if the user modifies the number of linked Bid Items **after** entering the Carry Value on the Analyze Bid Buy-Out Items screen. In this case the Carry Value on the linked Bid Item(s) will not be updated.

Bid Packages – [Add New] on Bidders Tab (10.50444)



Added a **[Add New]** button to the button bar of Bidders tab in Bid Packages. It is available in both view and edit modes. When clicked it takes the user directly to the popup window for filtering partners, with the filter categories displaying as shown above.



In addition, the following enhancements have been made:

- When selecting Bidders, the user can change the number of rows displayed in each set (by clicking the  icon.
- An **[All]** button has been added that shows **all** records without having to change the page set size.
- Added a [Select All] and [Clear All]button that will select all the records based on the current filter criteria without having to go through all page sets
- Made changes so that searching can be done on the 'AKA' field (not displayed) in the LOV.

Field Security for RFI [Copy] (10.49269)

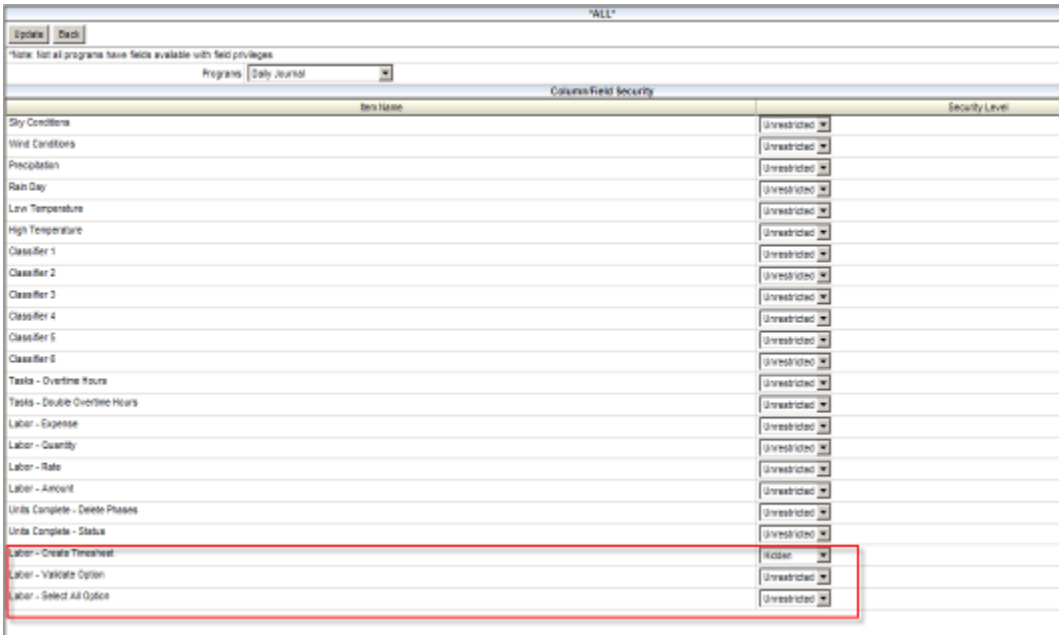
Added field security for the [**Copy**] button in RFI Entry. The default value is set as 'Hidden' on the *ALL* role. This will need to be reset on any roles that previously had the ability to see the [**Copy**] button.

Select Document Type for Upload (09.42728)

Added a prompt "**Please Select a Document Type**" to the document type drop-down selection for [**Upload Multiple**] and [**Upload New**] popup boxes to ensure the user chooses a document type instead of having a default value.

This option becomes available when the PM Systems Option setting 'User Must Select Document Type' is ON.

Field Security for [Create Timesheet], Validate, Select All in Daily Journal (09.35771)



Field security can be assigned to the [**Create Timesheet**] button as well as the 'Validate' and 'Select All' checkboxes on the Labor tab or Daily Journals.

The default value for the [**Create Timesheet**] button is set at 'Hidden' for the *ALL* role, and will need to be reset on the roles for users who were previously able to see the button.

Copy Previous Agenda Item (09.35805)

Meeting Minutes – Added new functionality in Agenda Tab so that while in edit and adding a new row the user can now copy previous record.

New Daily Journal Report (10.52169)

A new Daily Journal Report (PMDYJR.REP) has been added to CMiC Enterprise. The report is only available when added to the Project Management Custom Programs menu item. It has the following columns: Project #, Project Name, Company, Journal No., Last Daily Journal Date Entered, Last Daily Journal Date Submitted, Entered By.

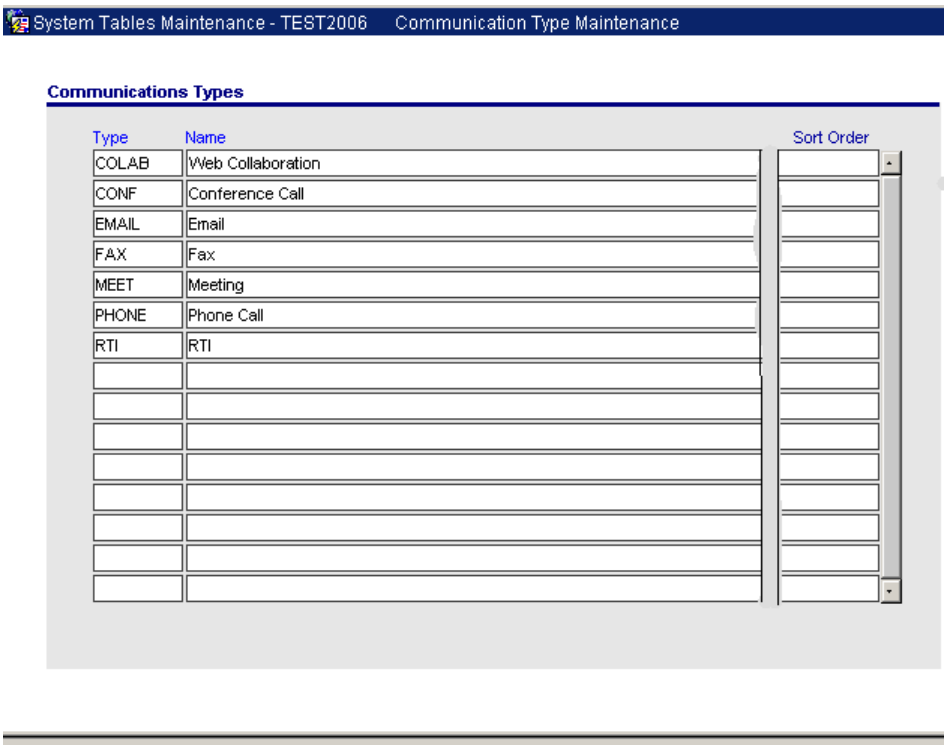
The report launch screen has a parameter for selecting the Company, as well as Sort options: by Project# or Last Date Entered.

There is no security as to which projects are shown on the report - if the user has access to the company they have access to the project.

PCI Source Type and Reason (10.47017)

Two new fields '**Source Type**' and '**Reason**' have been added to the header of a PCI. These two new fields have LOV's to themselves. This means that the user can enter any value they want or select from previously used values. The fields are included in the PCI Log views and are available for editing on a posted PCI. Field security can be applied to them if needed.

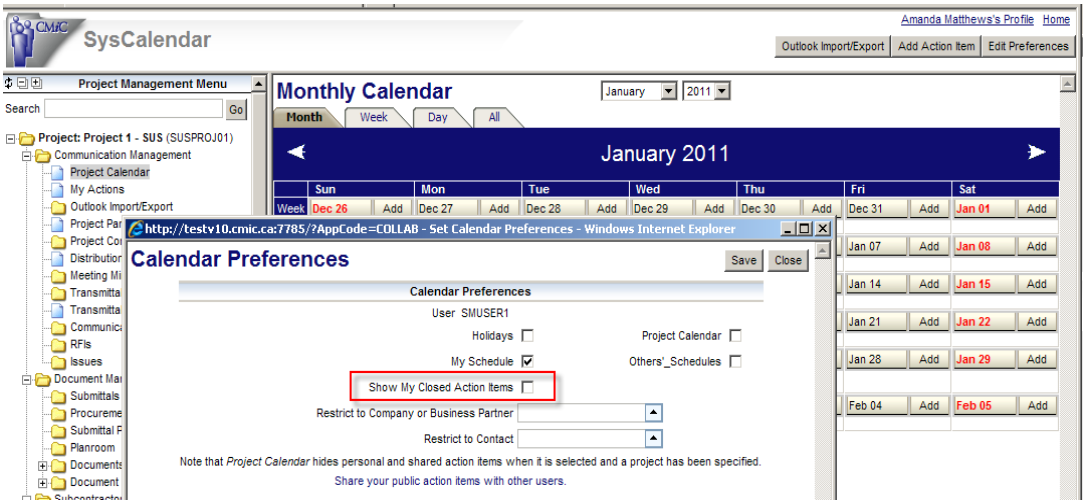
Communication Type - Sort Order (09.35710)



The Communication Type Maintenance screen (Forms version) has the Sort Order column added. This sort order will be used to determine the sort order in the drop-down list of the JSP Communications Program.

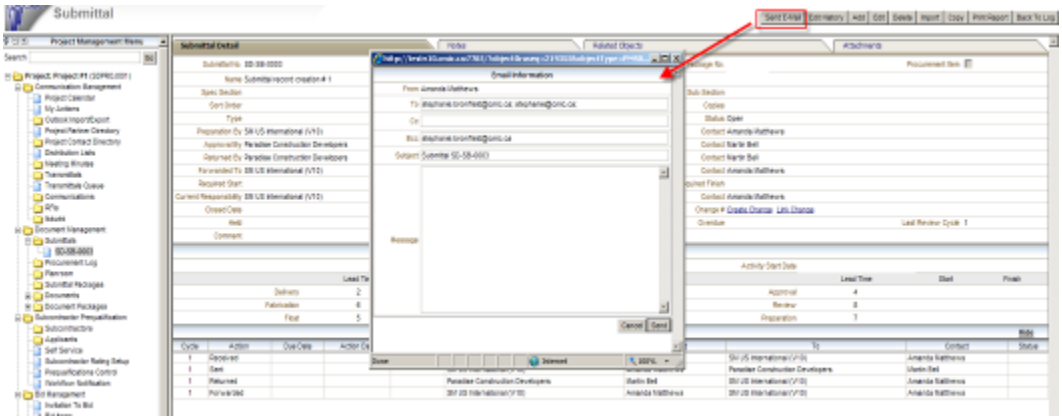
The Communication screen uses the type with the lowest sort order as the default value in the Type drop-down box.

Show Completed Action Items for User (09.35787)



Added the flag 'Show My Closed Action items' to the [Edit Preference] popup box of the System (Project) Calendar). When checked, it will show any Closed action items belonging to the current user, and is applicable to the tabs: Month, Week and Day.

[Send Email] for Submittals (10.49091)



1. Added a **[Send E-Mail]** button to the Submittal JSP. Upon hitting the button a popup will show up with a To, CC, Subject and Message fields. The To field will be pre-populated with the contacts from the submittal header, the rest will be entered by the user.

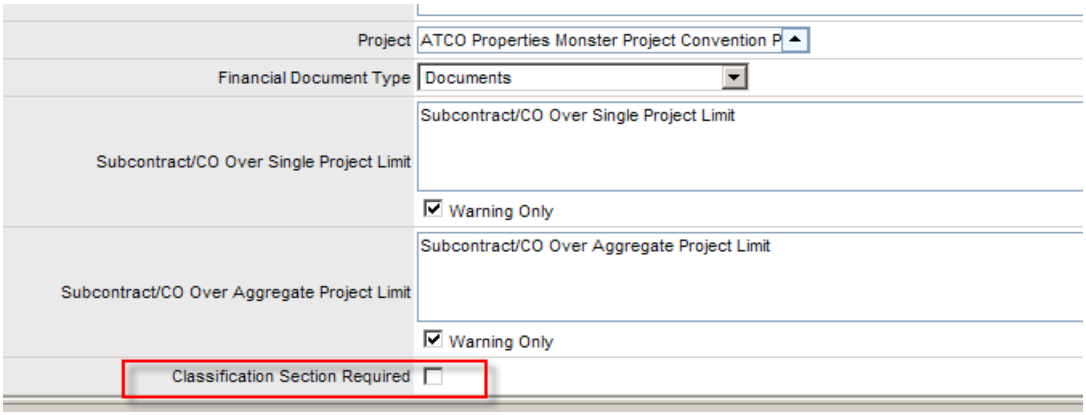


2. Created a Submittal Responsibility log, which would have the same columns available as the existing Submittal log except that it would only show the submittals in the current user's responsibility.

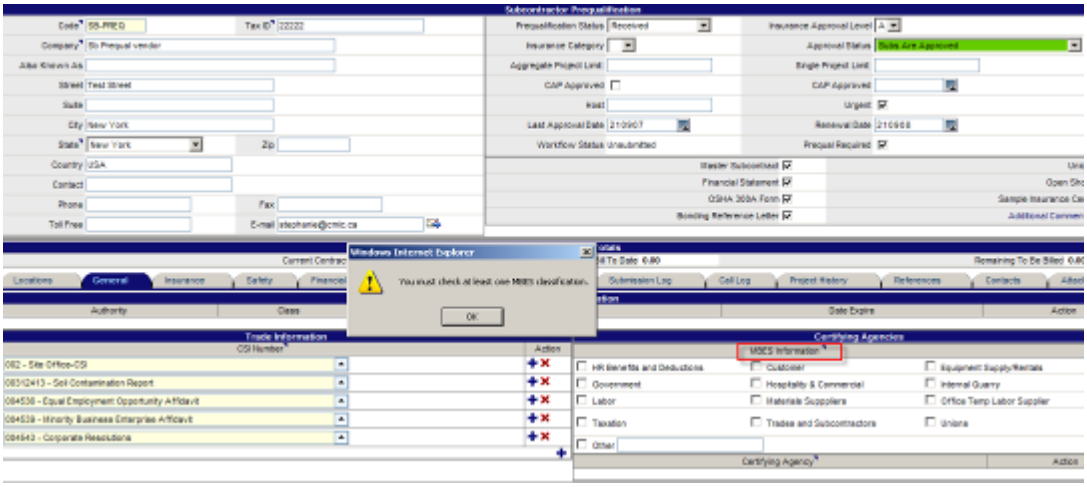
Subcontractor Pre-Qualification – MBES Classification (10.53517)

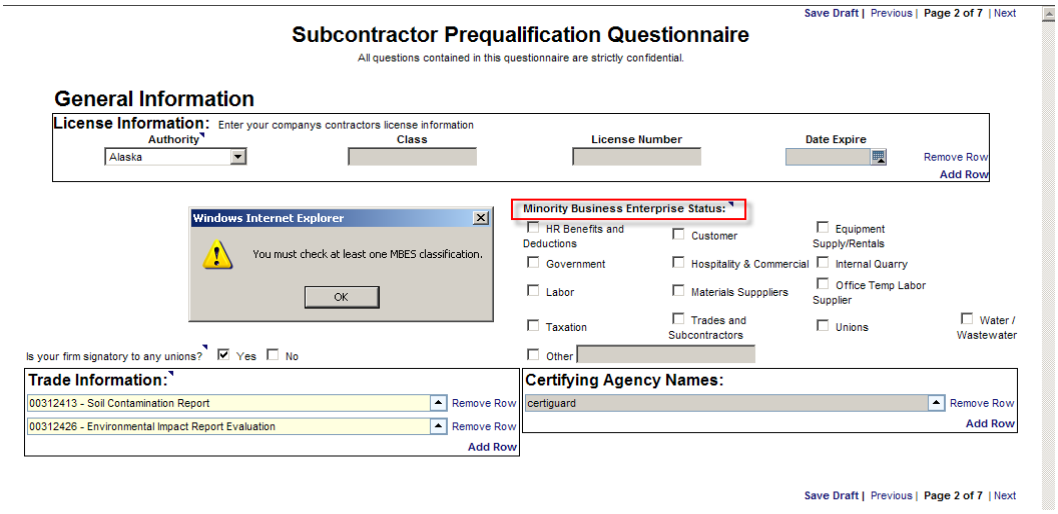
The following changes were made:

1. Added the '**Classification Section Required**' check-box to the Pre-qualifications Control. By default, this flag is un-checked.



When the flag is checked, the Pre-Qualification Self Service and the Internal Pre-qualification screens will require the user to select at least one classification in the Minority Business Enterprise Status (MBES) Information section.





2. Made changes so that the Pre-Qualification Self Service and the Internal Pre-Qualification screens display the MBES classifications by Code order instead of Code Description.

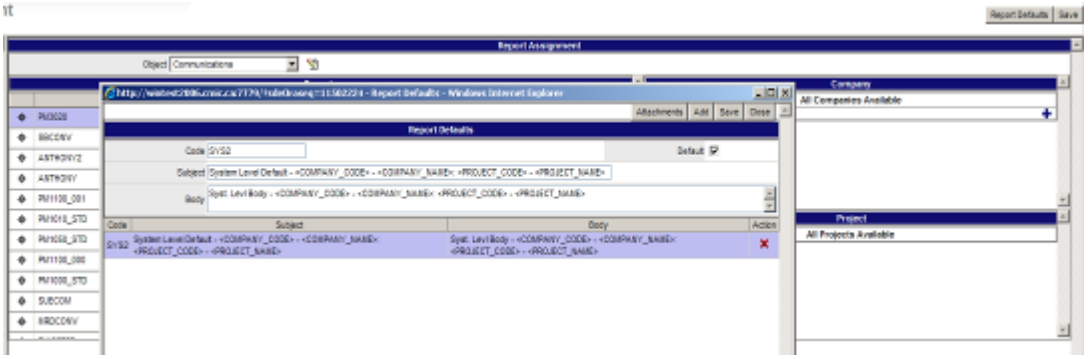
Report Assignment – Email Replacement Parameters (09.35791)

Added the ability to attach parameters to the Subject or Body of Report Defaults for Email, in Report Assignment.

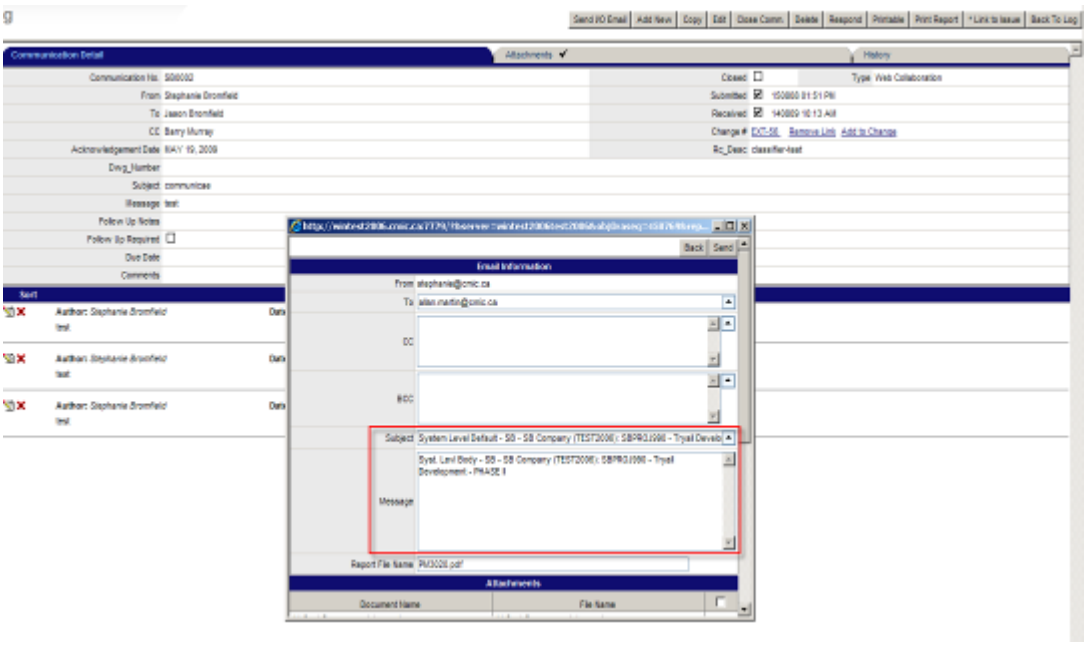
The following replacement variables are allowed: <PROJECT_CODE>, <PROJECT_NAME>, <COMPANY_CODE>, <COMPANY_NAME>...not necessarily in that order, **but they must be in uppercase.**

Example:

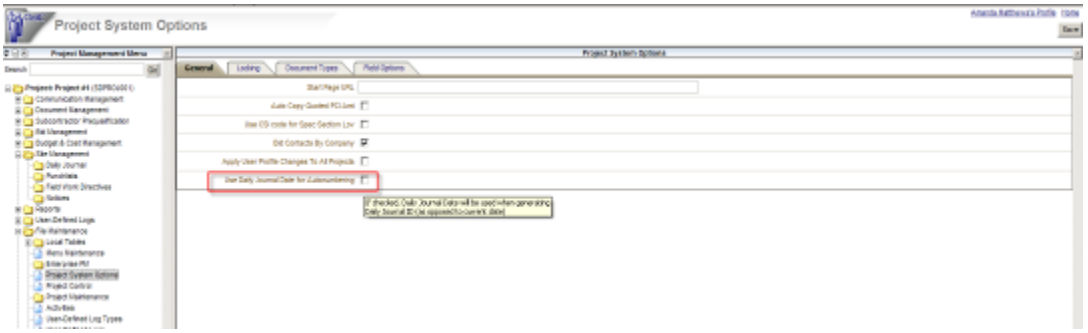
In Report Assignment for Communications, you can define a default email subject/body:



When printing the Communication record to email, the following will be shown:

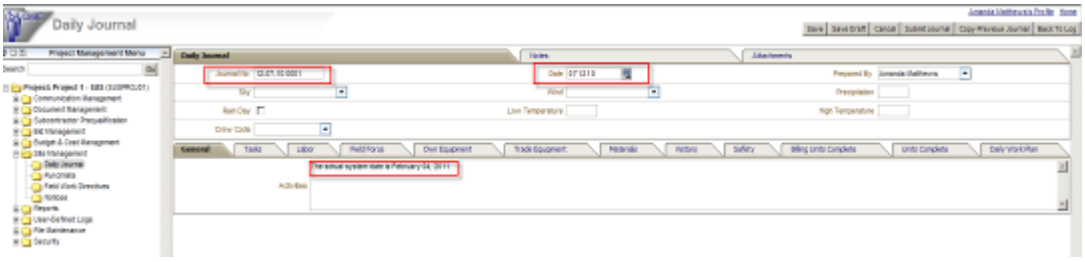


Daily Journal Code Mask Using Actual Journal Date (09.40317)



Added the flag '**Use Daily Journal Date for Auto-numbering**' to the Project Systems Options – General tab.

When this flag is checked, the actual daily journal date will be used in the generation of the daily journal ID, instead of the system date. This is only applicable to Add mode of Daily Journal.



For example, when the project mask is set at mm-dd-yy.***, and this Systems Options flag is checked, the first daily journal record created for September 10, 2009 will have the code 09-10-09.0001, even though the current system date might be September 12, 2010.

The Forms version of Daily Journal has been changed to work with this new method as well.

Date Defaults for PM Objects (10.47043)



Added the **Field Options** tab to the Project Systems Option screen in PM JSP.

This screen allows the user to specify whether the current date should be defaulted in the defined date fields for the PM objects shown. By default, this flag (Default) is checked for every object shown except Potential Change Item, to maintain current functionality.

Two other fields are shown:

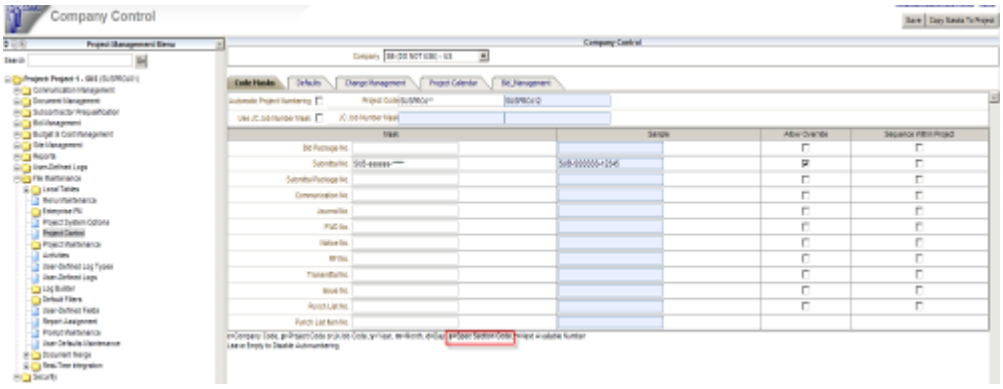
- **Days Past** = number of days before the current date, by which this date can be back-dated on the objects shown
- **Days Future** = number of days after current date, by which this date can be brought forward on the objects shown

The PM objects affected are: Daily Journal, Field Work Directives (FWD), Issues, Meeting Minutes, Notices, Owner Change Orders (OCO), Potential Change Items (PCI), Request For Information (RFI) and Transmittals.

Field security can be applied to these date fields if the user so desires, but note that if the Default flag is un-checked, and the field security on the date field is set at 'Read-only' then the date field will remain blank, and on saving the record for the object an error will be encountered.

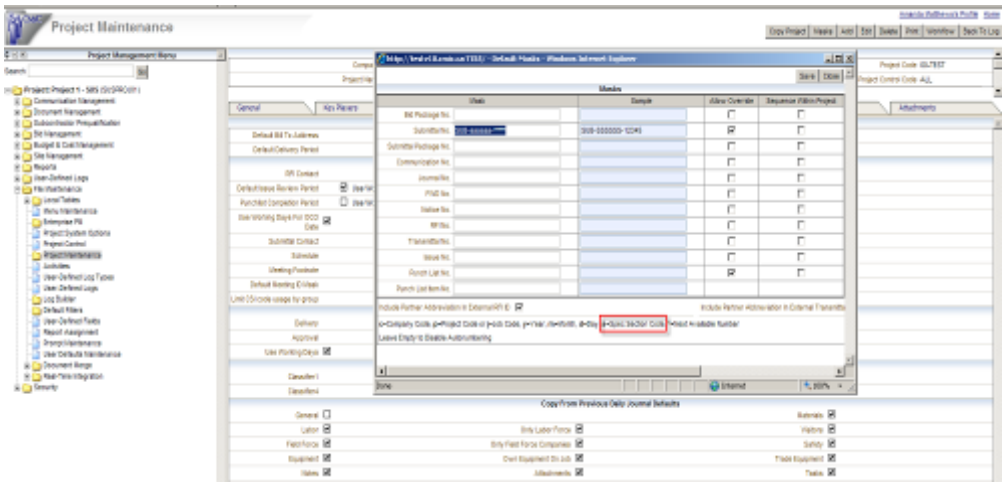
Submittal Auto-numbering by Spec Section (09.42105)

Project Control



Modified the Submittal Mask at the Company Control level to allow the specification of a lowercase 's' to be replaced with the Spec Section selected in a newly created submittal, if auto-numbering is being used. The mask will default to the project level where it can be overridden.

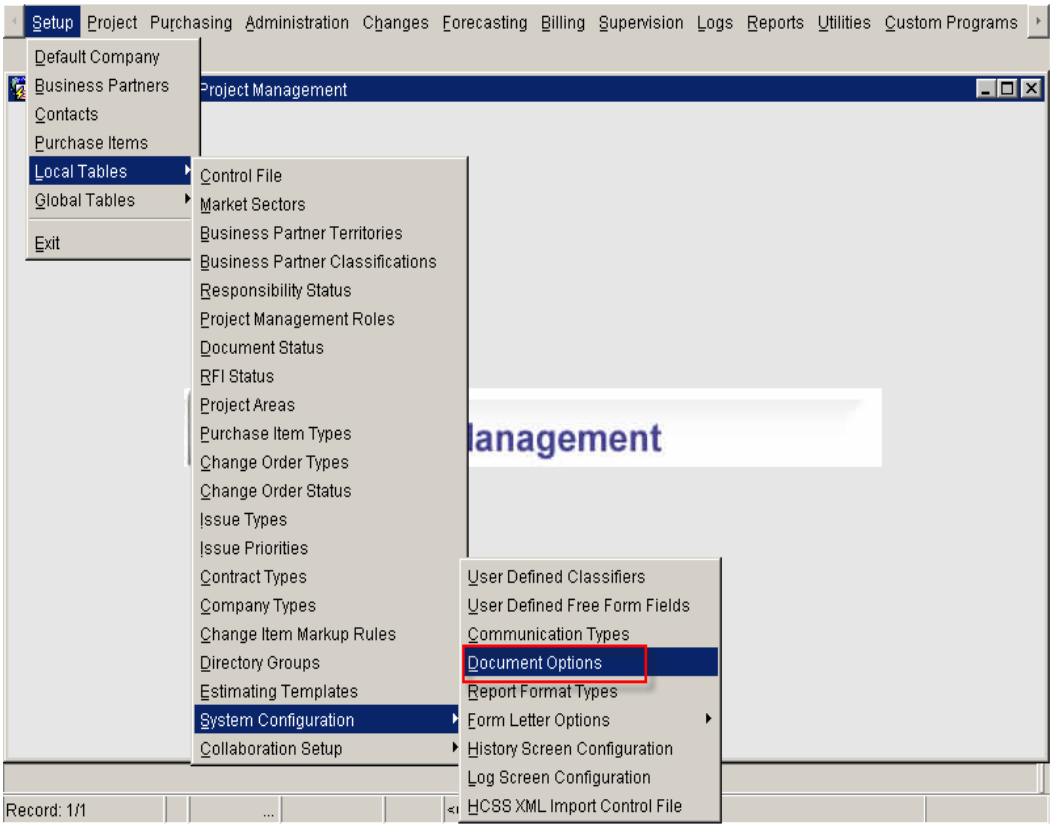
Project Maintenance



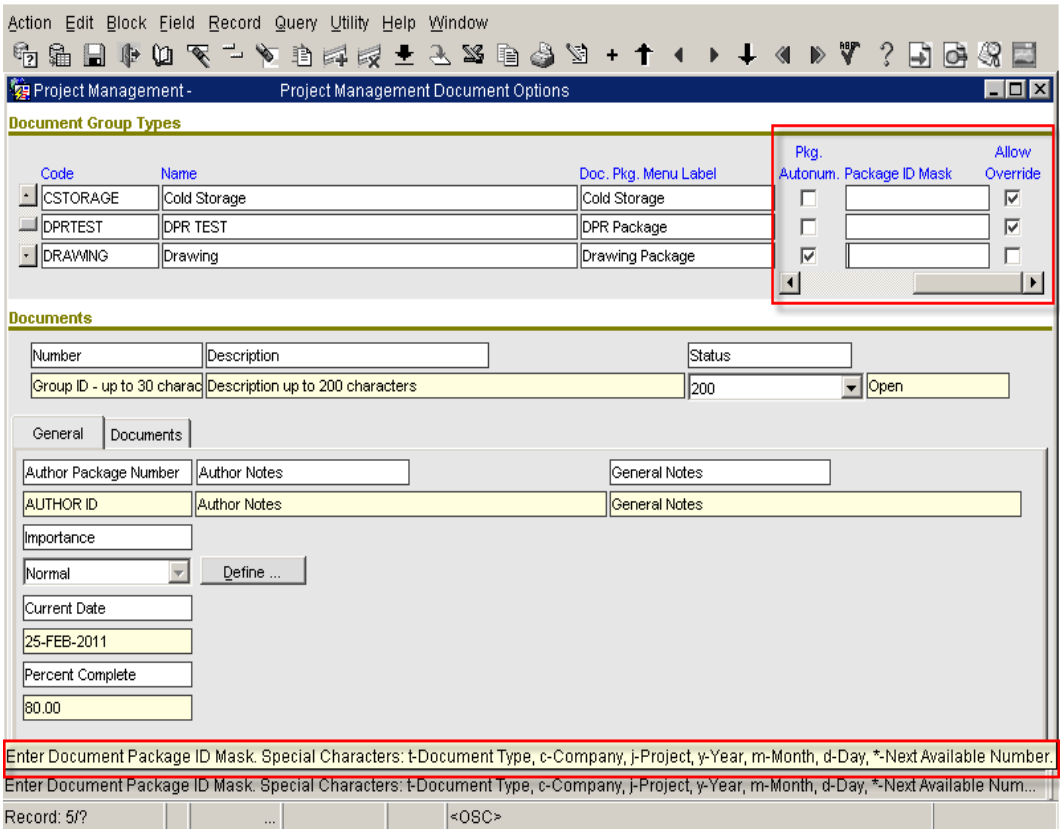
Modified the Submittal Mask at the Project level to allow the specification of a lowercase ‘s’ to be replaced with the Spec Section selected in a newly created submittal, if auto-numbering is being used.

The Submittal and Submittal Package programs (JSP and Forms) have been changed so that if the mask for submittals contains one or more 's' characters, the Submittal Number will not auto-populate completely until the spec section field has been populated. If the user changes the spec section field before saving the record the Submittal Number will be updated. If the user updates the Spec Section after the record has been saved the submittal number will not be updated.

Auto-numbering of Document Packages (09.40892)



Changes have been made to allow the auto-numbering of Document Packages. The specification of the Document Package Mask for auto-numbering is done in Forms version by accessing the **Document Options** menu item as shown in the highlighted path above.



On the Document Options screen, the following fields have been added:

Pkg. Autonum.

– flag indicating whether document package auto-numbering is to be used for the particular document type

Package ID Mask

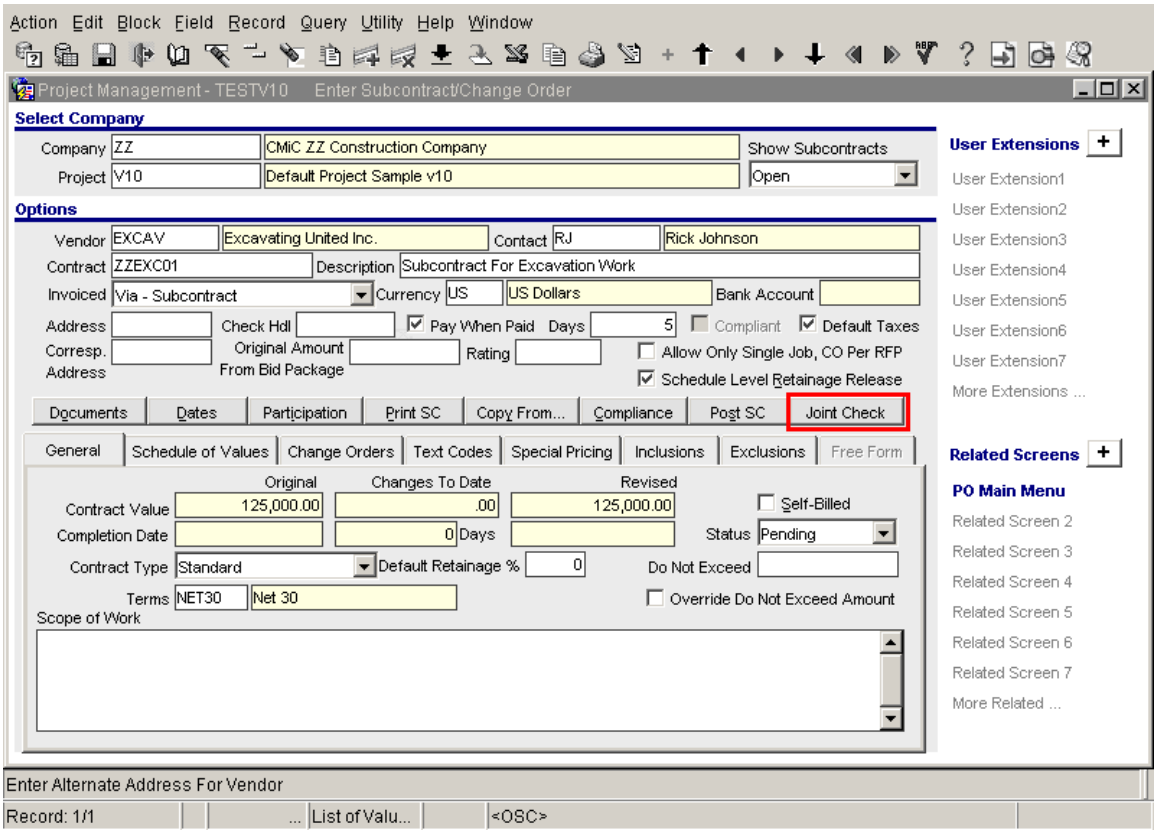
– indicate what the auto-numbering mask that should be used for the document package auto-numbering of the document type. The hint line for the mask shows the special characters that can be used.

Allow Override

– flag indicating whether the user can override the auto-number ID proposed for the document package when it is being created.

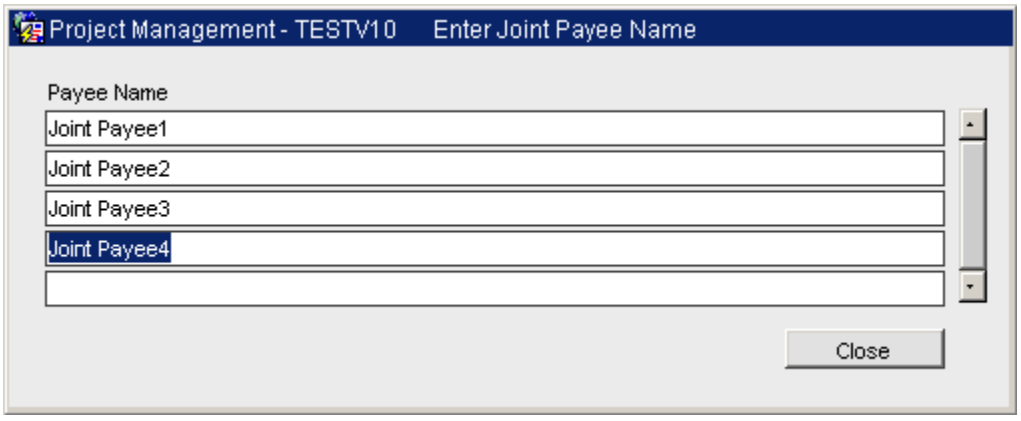
When these field values are set, they are applicable to ONLY the JSP version of Document Management.

PM Subcontract Entry – Joint Check Button

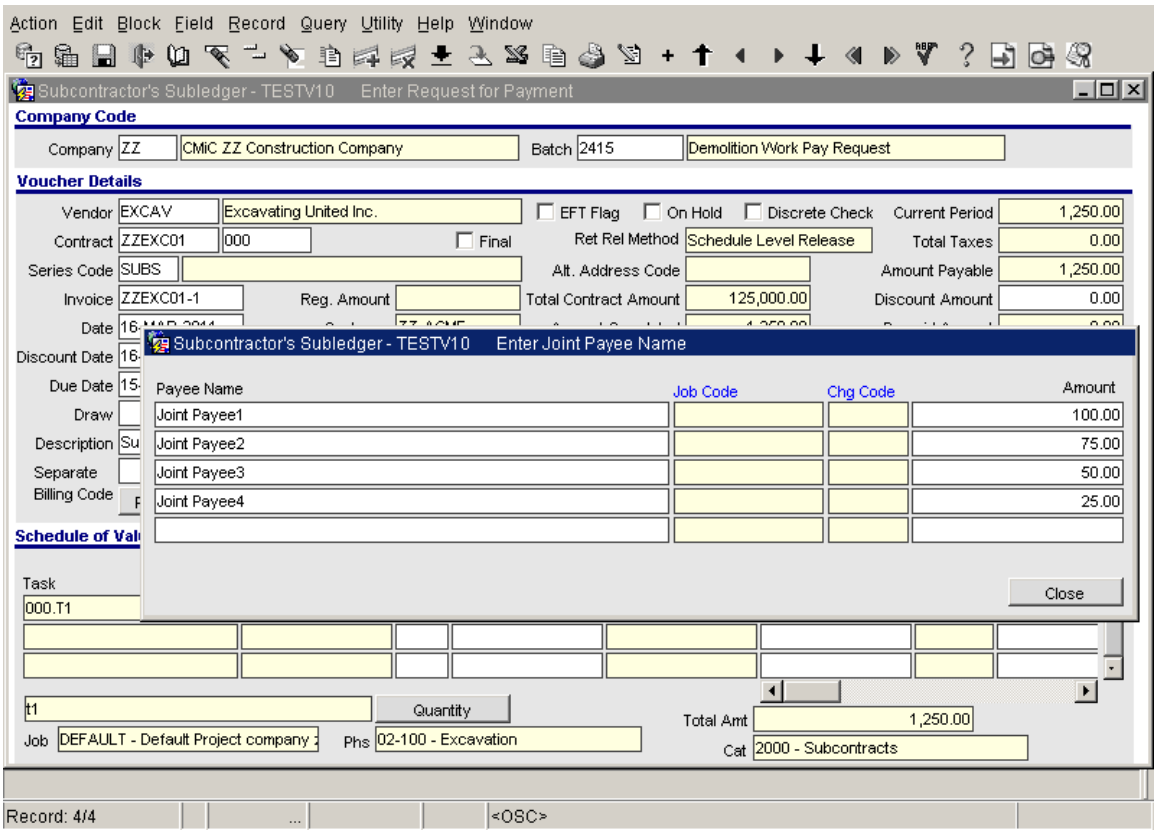


PMSCFM.fmx – Subcontract Entry Form (PM Version)

'Joint check' button is added to the PM Subcontract Entry Form. When pressed, opens a popup for Joint Payee Names and users have the ability to enter Joint Payee Names for a subcontract.



In Pay Request Entry Form, joint payee names will be defaulted from the subcontract against which appropriate amounts may be entered, which users may override, if necessary.



SCPAYREQ.fmx – Sub Contract Pay Request Entry – Joint Check Popup

This functionality is useful when the joint payee names remain the same for a subcontract and the subsequent pay requests need to have the same joint payee names without the need for typing the names every time.

NOTE: This functionality is provided to the PM version of Subcontract Entry Form Only. The Pay Request Entry Form is modified to default the values for the specific subcontract. This does not effect subcontract entries or pay requests from PMJSP or Imaging.

Subcontract Changes for TBD from PCI Details (10.52296)

The Subcontract Change Order (JSP) has been changed so that the PCI information is split into two – those fully coded PCI's and those PCI detail lines that are set to TBD in either the Contract or Change Order field.

The following are standard pre-requisites to using the feature of linking subcontract change orders with PCI detail lines:

a) Project Management Control – Change Management tab

The flag '**Allow Un-posted PCI's To Be Assigned To Subcontract CO**' must be checked for the particular company.

b) Change Management Control – SC tab

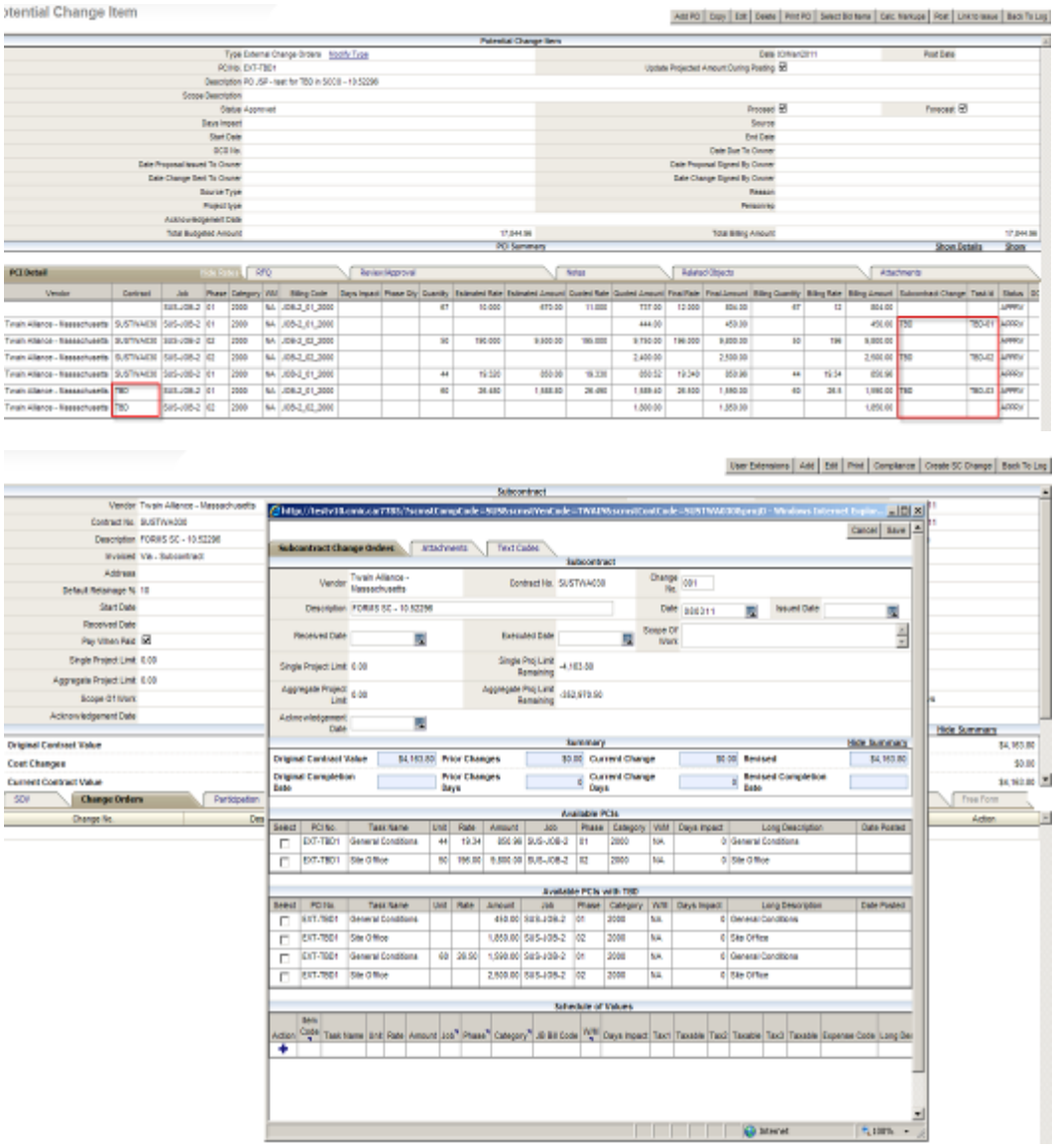
The flag '**Create Subcontracts from Change Management**' needs to be checked in order to use the 'TBD' functionality.

In addition, Subcontract Auto-numbering must be checked and a mask set for the subcontract numbering.

Rules for linking TBD lines to SCCO:

a) Vendor on the PCI and SCCO must match

b) The contract code is either a TBD or a match AND change code is either TBD or empty



When these records are selected, they become updated with the subcontract code and change code. This is evident when the user reviews the PCI.

They no longer are shown in the 'TBD' section, but become a part of the schedule of values for the subcontract.

Field Security on 'From' Contact (10.47036)

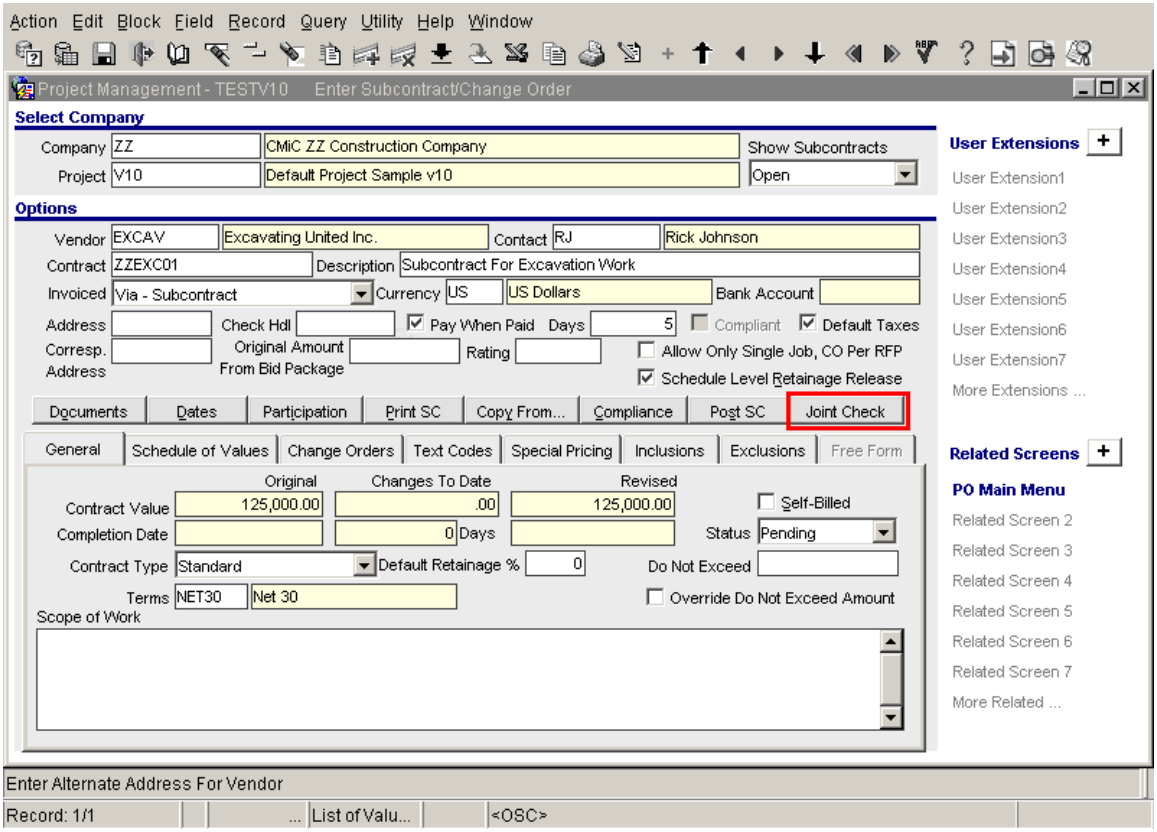
Added the ability to change the 'From' contact (default is the current user) when creating correspondence objects in PM, but thereafter, to disallow the 'From' contact to be changed once the record is submitted.

This is done by using field security. The From contact can be assigned field security so that it is 'Read-only'. When it is set as 'Read-only', it is still editable when the record is un-submitted, but when it becomes submitted the user cannot edit the From contact (unless the field security is changed back to 'Unrestricted').

This functionality applies to the following objects:

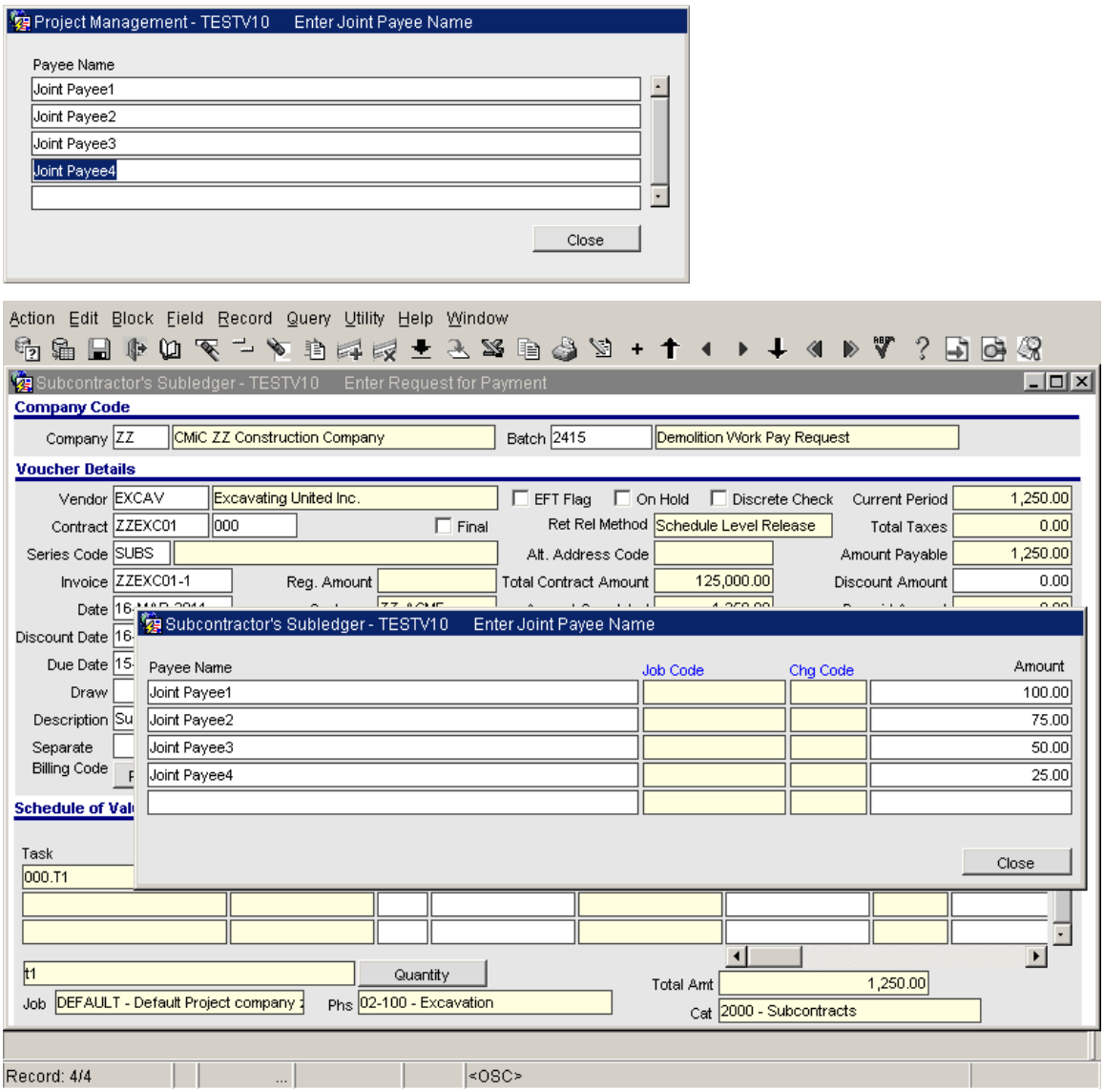
- Issues
- Communications
- Field Work Directives
- Notices
- Owner Change Transmittals
- Punch Lists
- Requests for Information
- Transmittals

Subcontract Entry – Joint Check Button (11.54818)



PMSCFM.fmx – Subcontract Entry Form (PM Version)

'**Joint check**' button is added to the PM Subcontract Entry Form. When pressed, opens a popup for Joint Payee Names and users have the ability to enter Joint Payee Names for the subcontract.



SCPAYREQ.fmx – Sub Contract Pay Request Entry – Joint Check Popup

In Pay Request Entry Form, joint payee names will be defaulted from the subcontract as shown above. Users may update/delete the joint payee names here and enter amounts for each payee as necessary.

This functionality is useful when the joint payee names remain the same for a subcontract and the subsequent pay requests need to have the same joint payee names without the need for typing the names every time.

NOTE: This functionality is provided to the PM version of Subcontract Entry Form Only. The Pay Request Entry Form is modified to default the values for the specific subcontract. This does not effect subcontract entries or pay requests from PMJSP or Imaging.

Subcontract Entry – Select Bid Items Button (10.47015)

The [**Select Bid Items**] button has been added to both the Subcontract Entry and Subcontract Change Order screens. The button is visible if field security has not been assigned, and only in view mode of both screens. When the button is pressed, it displays an LOV of bid items that have not been purchased or linked to a PCI.

‘Add CC’ button in RFI for external collaborators (11.55625)

Modifications to the RFI Entry screen that ‘ADD CC’ button will now be available to external collaborators with PM Roles that does not have ‘Update All’ privilege.

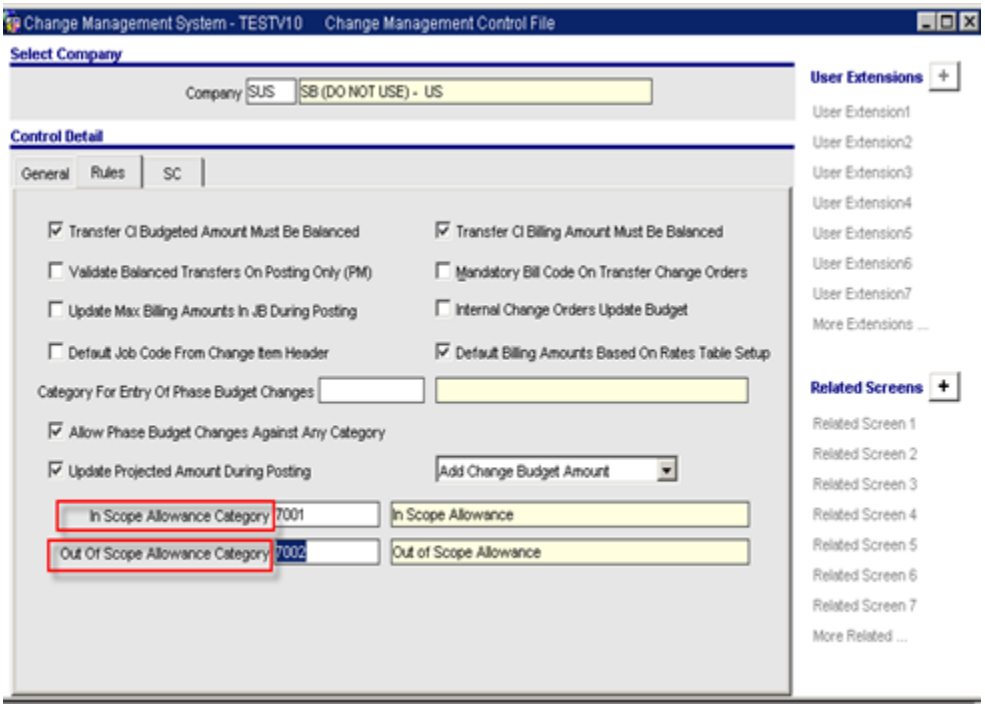
Time And Materials Allowances – Forms version (11.54965)

Added the ability to enter T&M amounts submitted by subcontractors against Allowance Type PCI’s into any phase/category designated as that type. The types are ‘In-scope’ and ‘Out-of-Scope’. They both work in exactly the same way with the exception that Out-of-Scope Allowances have a bill code transfer associated with them as well.

For the Out-of-scope type, the Contractor Allowance Amount defaults to zero, therefore **the Contractor Projected balance will always be written back to the PCI detail line**.

Summary of Changes

1. Change Management Control – Rules tab



Added fields for In Scope Allowance Category and Out Of Scope Allowance Category to the Change Management Control – Rules tab.

2. Change Item Entry –

The fields Allowance Type and Allowance Amount (beside the Type), have been added to the PCI Entry screen.

The Allowance Amount is enabled when the ‘In Scope’ or ‘Out Of Scope’ type is selected from the drop-down box.

The default of the Allowance is set as ‘Neither’ to maintain previous functionality.

If Allowance is set to ‘In Scope’ or ‘Out of Scope’, the Allowance tracking button in the bottom of the screen becomes enabled.

If the category in the PCI detail does not match the type of allowance, when the [Allowance Tracking] button is clicked a message will be displayed, and no allowance tracking information is allowed in such a case.

Initially, when the subcontract change code and task code are pulled into the PCI detail, the Estimated, Quoted, Final and Billing Amounts get updated with the contract amount.

When the Allowance Tracking popup is updated with amounts, these update the PCI detail depending on the type of allowance.

Allowance Tracking Screen

This screen provides the ability to enter T&M amounts submitted by subcontractors against Allowance Type PCI's into any phase/category designated as that type.

Owner

Projected Balance = Owner Allowance – Total of right-most value (of Estimated, Invoiced and Approved)

Contractor

Allowance = Amount from the subcontract for that all PCI detail lines with that Allowance Type category

Projected Balance = Allowance – Total of right-most value (of Estimated, Invoiced and Approved)

Projected to Date = Total of right-most value (of Estimated, Invoiced and Approved)

NOTE: Zero is considered as an amount, as opposed to null which is not an amount.

Posting the PCI:

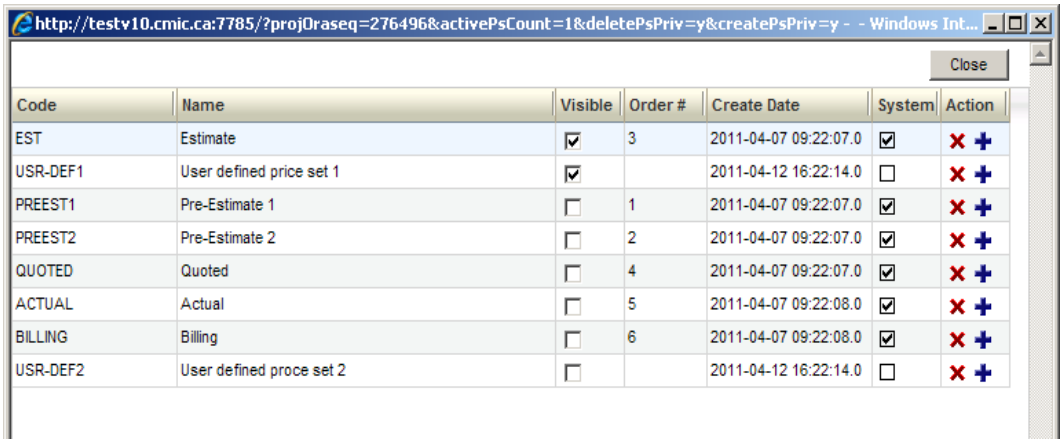
Before Posting, make sure the PM JSP Control Flag 'Use PCI Detail Status' is checked. It is found in the Change Management tab, and it controls the splitting out of the PCI detail lines into another PCI depending on the detail line status.

A new PCI is created for the approved detail lines and the un-approved lines are retained in the original PCI.

Contract Forecast – Phase Name Added (11.55561)

Added the Phase Name as a column between Phase and Category, on the PM JSP Contract Forecast screen.

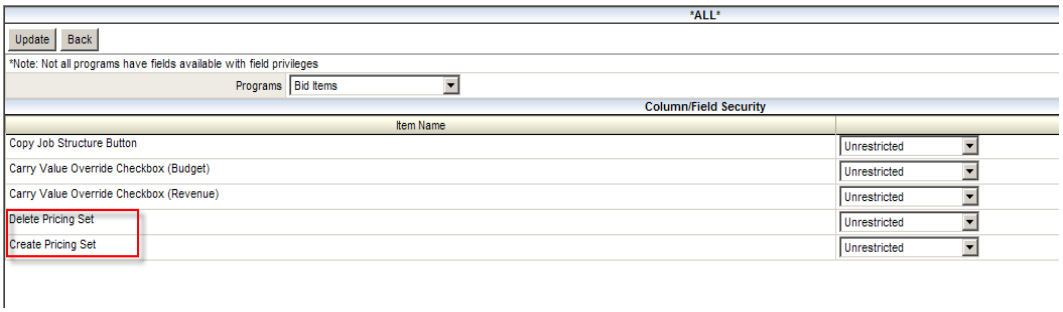
Bid Items and Bid Item Import (10.47037)



Code	Name	Visible	Order #	Create Date	System	Action
EST	Estimate	☑	3	2011-04-07 09:22:07.0	☑	✕ ✚
USR-DEF1	User defined price set 1	☑		2011-04-12 16:22:14.0	☐	✕ ✚
PREEST1	Pre-Estimate 1	☐	1	2011-04-07 09:22:07.0	☑	✕ ✚
PREEST2	Pre-Estimate 2	☐	2	2011-04-07 09:22:07.0	☑	✕ ✚
QUOTED	Quoted	☐	4	2011-04-07 09:22:07.0	☑	✕ ✚
ACTUAL	Actual	☐	5	2011-04-07 09:22:08.0	☑	✕ ✚
BILLING	Billing	☐	6	2011-04-07 09:22:08.0	☑	✕ ✚
USR-DEF2	User defined proce set 2	☐		2011-04-12 16:22:14.0	☐	✕ ✚

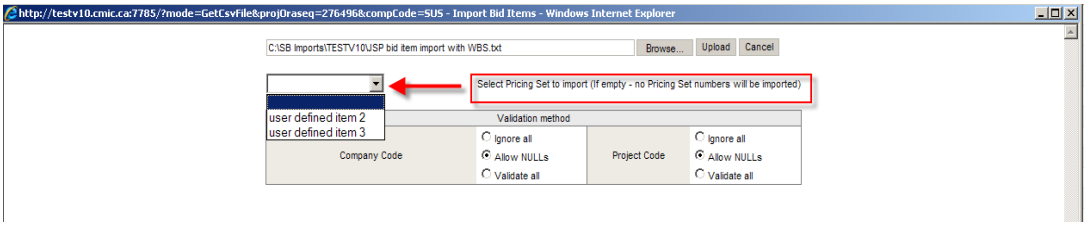
Implemented the ability to define an unlimited number of pricing set in the [Configure View] popup of the Bid Items entry screen. The popup consists of the previously defined pricing sets: Pre-Estimate 1, Pre-Estimate 2, Estimate, Quoted, Actual and Billing. These are set as system-defined, and cannot be deleted.

Create and Delete actions can be secured by using field security:

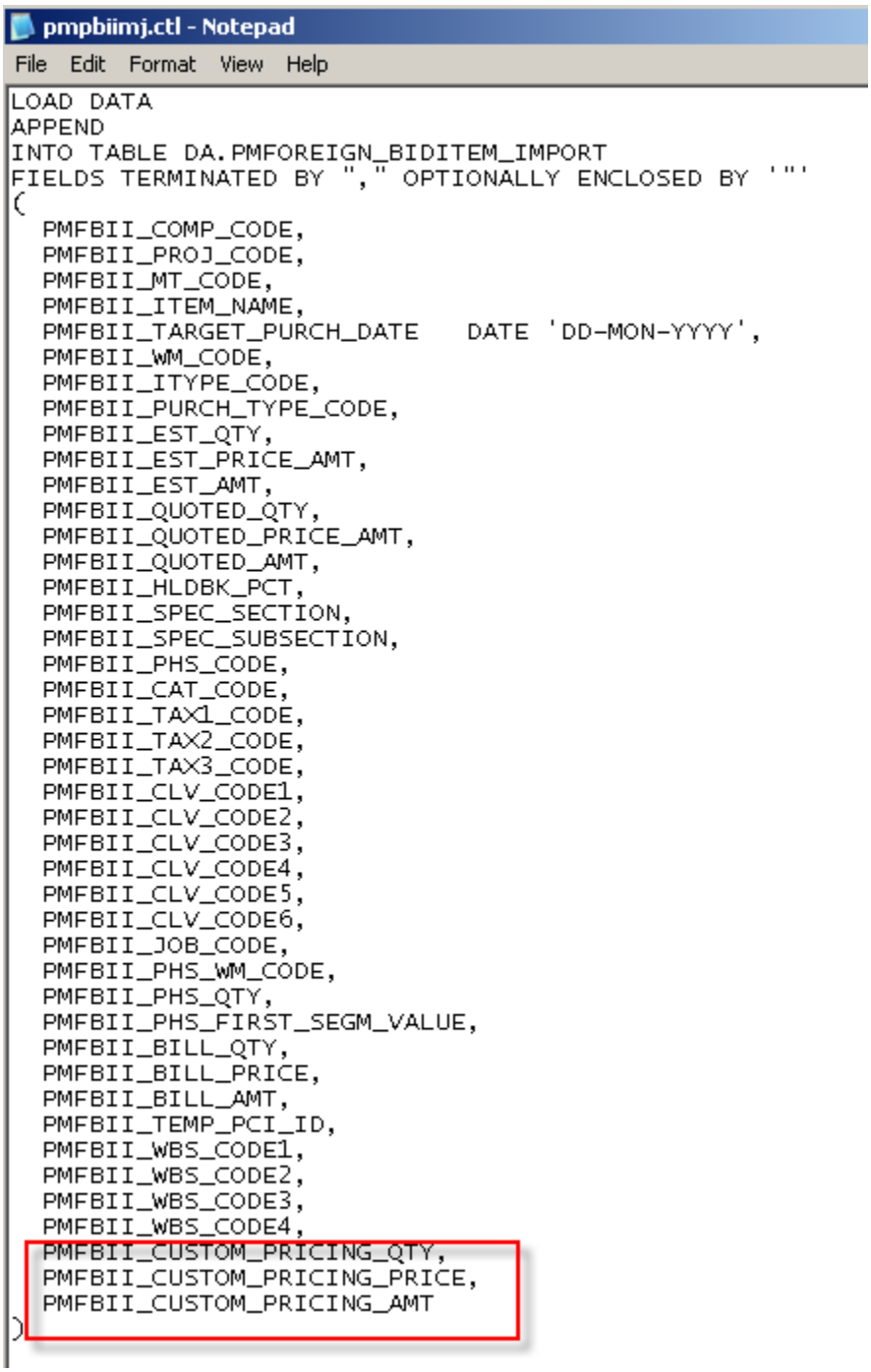


User-defined pricing sets are project-specific.

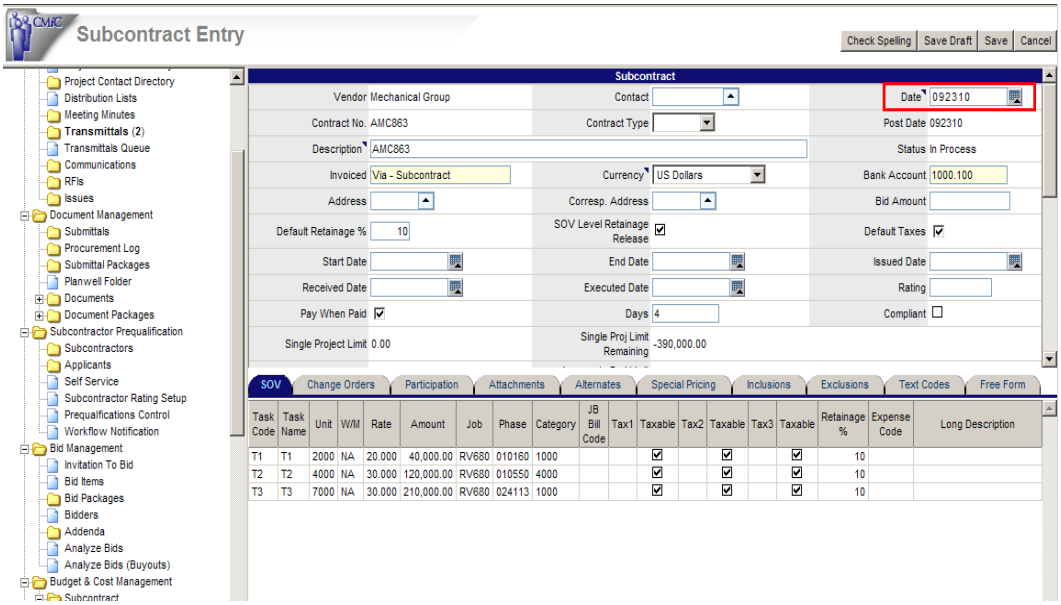
In addition to the changes above, additional fields have been added to the Bid Item Import for user-defined pricing sets:



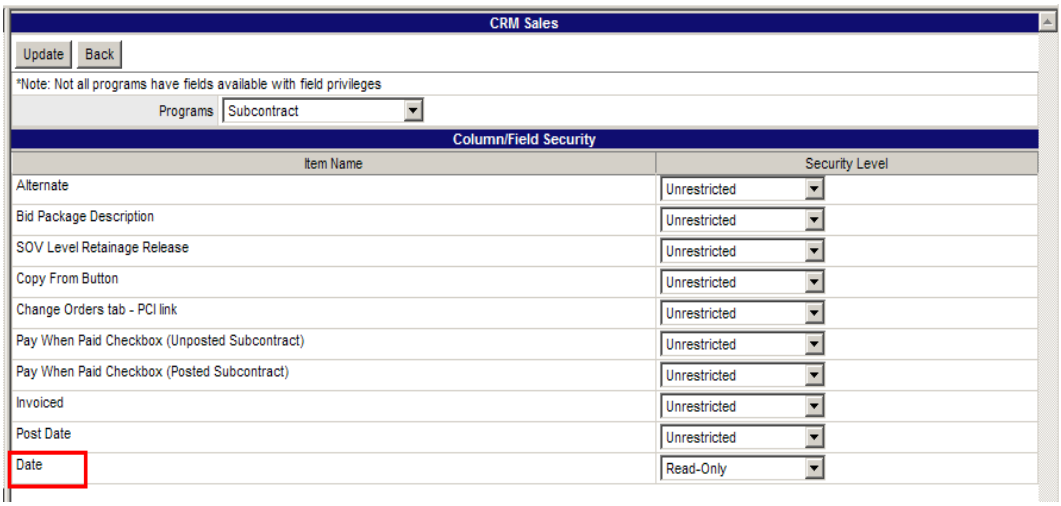
The drop-down displays only the user-defined pricing sets that are set as ‘Visible’, and the user must chose one.


pmpbiimj.ctl - Notepad
File Edit Format View Help
LOAD DATA
APPEND
INTO TABLE DA.PMFOREIGN_BIDITEM_IMPORT
FIELDS TERMINATED BY "," OPTIONALLY ENCLOSED BY '"'
(
PMFBII_COMP_CODE,
PMFBII_PROJ_CODE,
PMFBII_MT_CODE,
PMFBII_ITEM_NAME,
PMFBII_TARGET_PURCH_DATE DATE 'DD-MON-YYYY',
PMFBII_WM_CODE,
PMFBII_ITYPE_CODE,
PMFBII_PURCH_TYPE_CODE,
PMFBII_EST_QTY,
PMFBII_EST_PRICE_AMT,
PMFBII_EST_AMT,
PMFBII_QUOTED_QTY,
PMFBII_QUOTED_PRICE_AMT,
PMFBII_QUOTED_AMT,
PMFBII_HLDBK_PCT,
PMFBII_SPEC_SECTION,
PMFBII_SPEC_SUBSECTION,
PMFBII_PHS_CODE,
PMFBII_CAT_CODE,
PMFBII_TAX1_CODE,
PMFBII_TAX2_CODE,
PMFBII_TAX3_CODE,
PMFBII_CLV_CODE1,
PMFBII_CLV_CODE2,
PMFBII_CLV_CODE3,
PMFBII_CLV_CODE4,
PMFBII_CLV_CODE5,
PMFBII_CLV_CODE6,
PMFBII_JOB_CODE,
PMFBII_PHS_WM_CODE,
PMFBII_PHS_QTY,
PMFBII_PHS_FIRST_SEGM_VALUE,
PMFBII_BILL_QTY,
PMFBII_BILL_PRICE,
PMFBII_BILL_AMT,
PMFBII_TEMP_PCI_ID,
PMFBII_WBS_CODE1,
PMFBII_WBS_CODE2,
PMFBII_WBS_CODE3,
PMFBII_WBS_CODE4,
PMFBII_CUSTOM_PRICING_QTY,
PMFBII_CUSTOM_PRICING_PRICE,
PMFBII_CUSTOM_PRICING_AMT
)

Subcontract Entry: Date field editable for posted SC(11.55758)

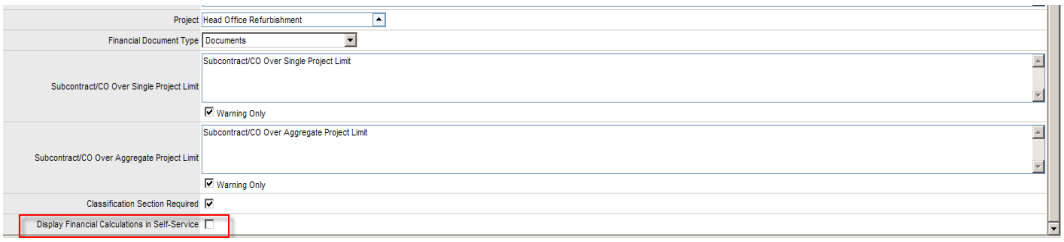


The subcontract date field for posted subcontracts is 'editable' now with the field security. This is similar to the functionality in enterprise forms. The default is 'Read Only' for all the roles to maintain existing functionality in PMJSP. Users may apply the privilege either to 'ALL' roles or only to certain specific roles as shown below.

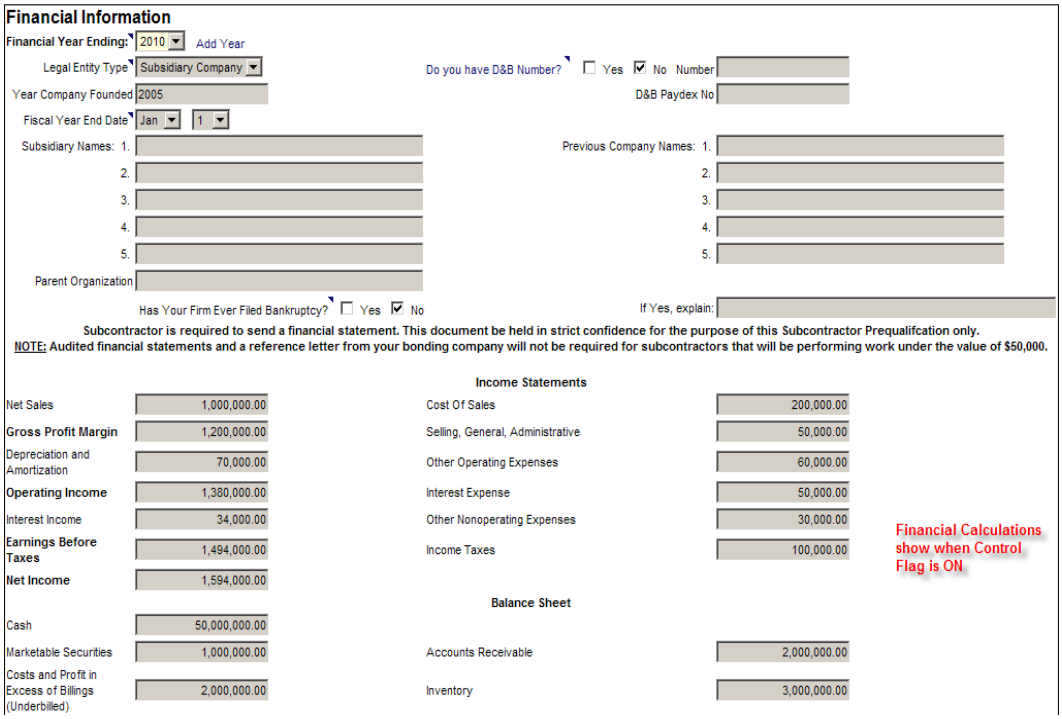


Subcontractor Pre-Qualification – Changes (11.54712)

1. Added the checkbox '**Display Financial Calculations in Self Service**' to the Pre-qualifications Control file:



When checked, the financial calculations will be displayed in the Self-Service screen.



2. Added field security for the entire Self-Service program.

3. Added the following fields to the Subcontractor Pre-Qualification field security:

    Legal Name

    Parent Corp

    Largest Contract to Date

    Current Backlog as of Today

    Accountant

    Average Monthly Billing

    Financial Format

The following fields are new to the Subcontractor Pre-Qual screen:

    Legal Name

    Parent Corp

    Largest Contract to Date

    Accountant

    Financial Format

The Legal Name and Parent Corp. fields have been added to the Self Service screen.

4. Added the **Union Affiliation** section to the General tab of Subcontractor Pre-qualification.

This section is 'self-maintaining', in that, entries can be stored by simply typing them in. A message is displayed saying 'xxxxx does not exist. Would you like to add it?':

The Union Affiliation is also included in the Self-Service screen: entry and preview modes.

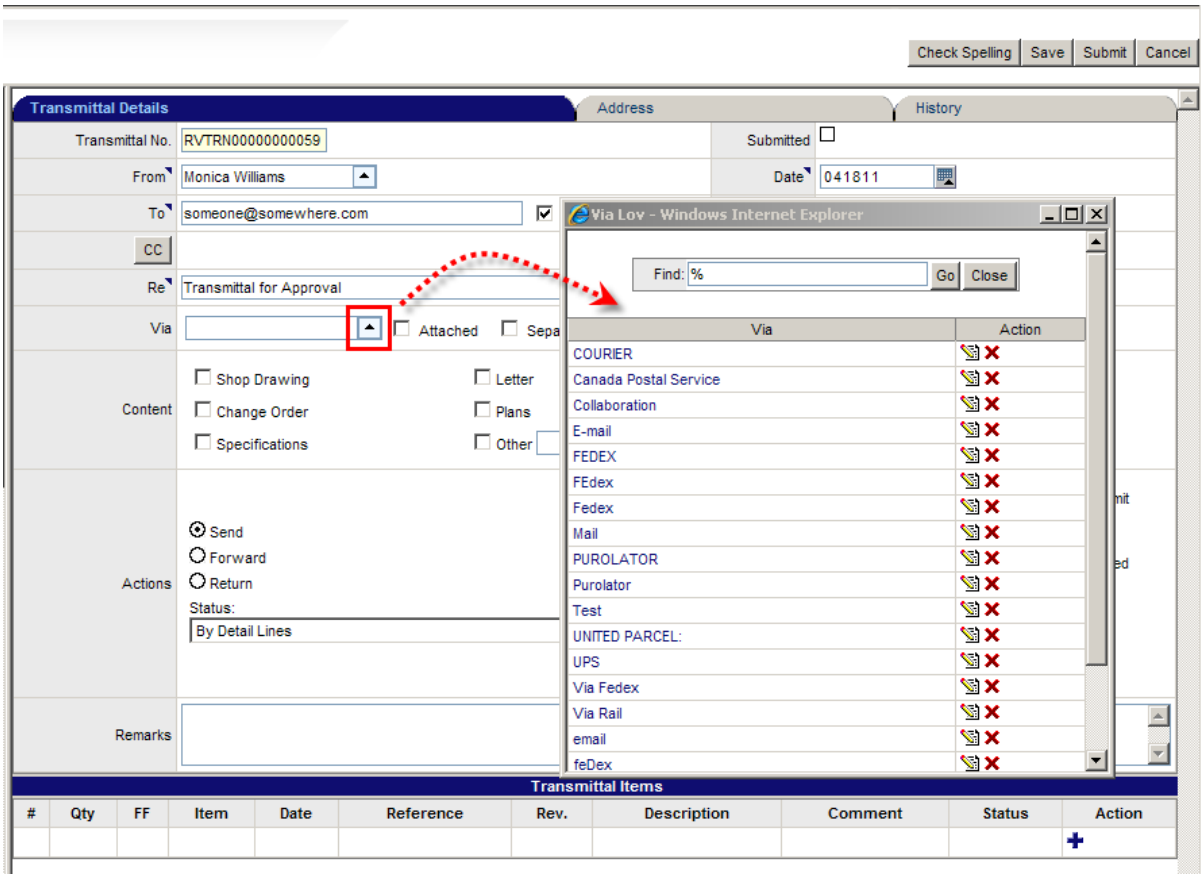
5. Added the **Contract Date** field to the Project History tab.

6. The Surety Name entered in the Surety tab is displayed in the Insurance tab.

7. An additional **Financial tab** has been included. It consists of new financial calculation functionality which will allow the customer to create custom financial calculations in the database without having to reprogram every time.

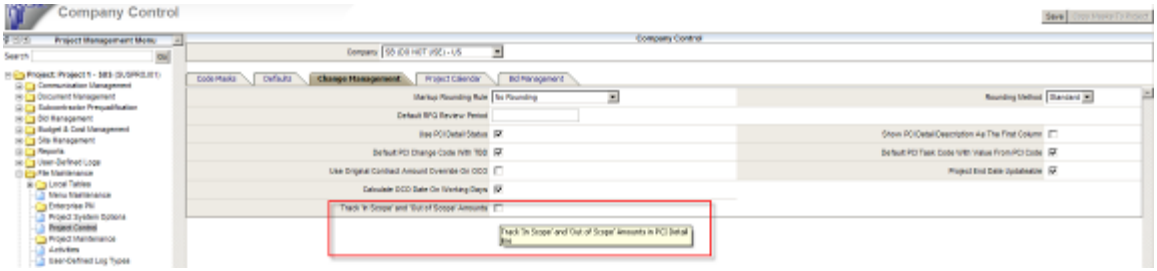
The two Financial tabs can be controlled by field security, so that a client would only use one (because the data is repeated).

Transmittal Entry – 'Via' field LOV (11.55581)



The 'Via' field is modified with the addition of an LOV, which lists the previously entered values and users may select any one value from the list. Also, users will be able to maintain the values with edit/delete functions.

PCI In Scope and Out of Scope Amounts (10.48781)



Added the checkbox: '**Track In Scope and Out of Scope Amounts**' to the Project Control – Change Management tab. By default, the flag is un-checked. When checked, the In Scope Amount and Out of Scope Amount fields will be displayed in the PCI Details (JSP only).

The sum of these two amounts must match the 'Billing' amount of the PCI – using the standard algorithm to determine the current 'Final' amount of the PCI (i.e. the right-most value of estimated, quoted or final).

Field security can be applied to these two fields if necessary.

PCI and Bid Items – Expense Authorization and One to One Relationship (10.47015, 10.48785)

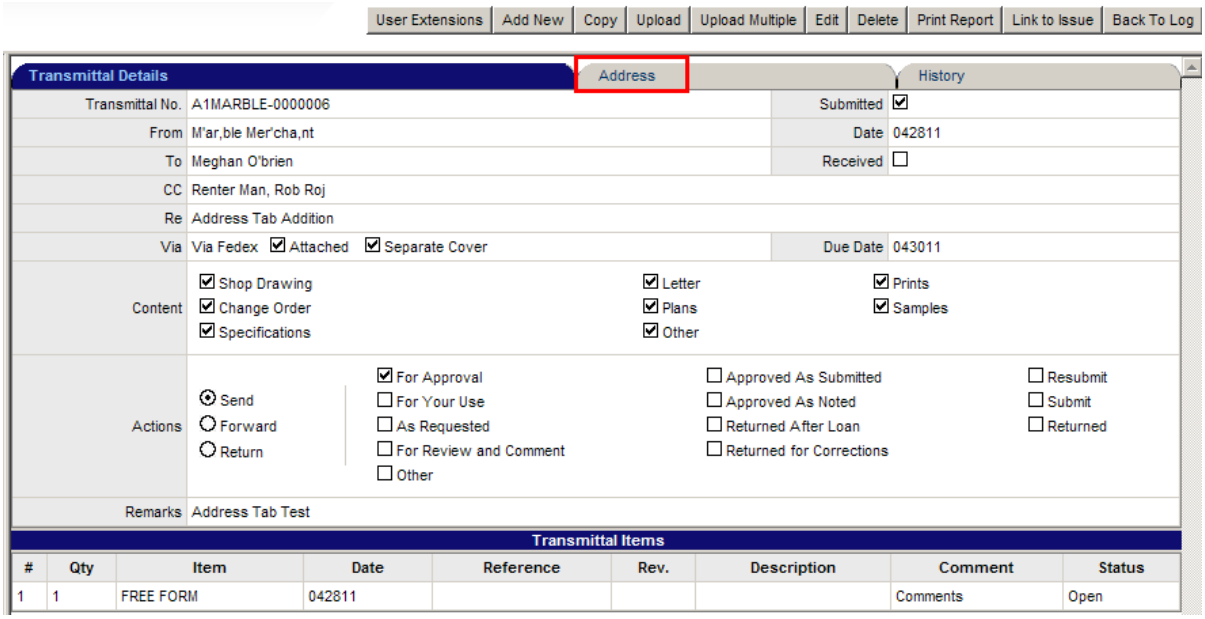
Company Control – Bid Management tab



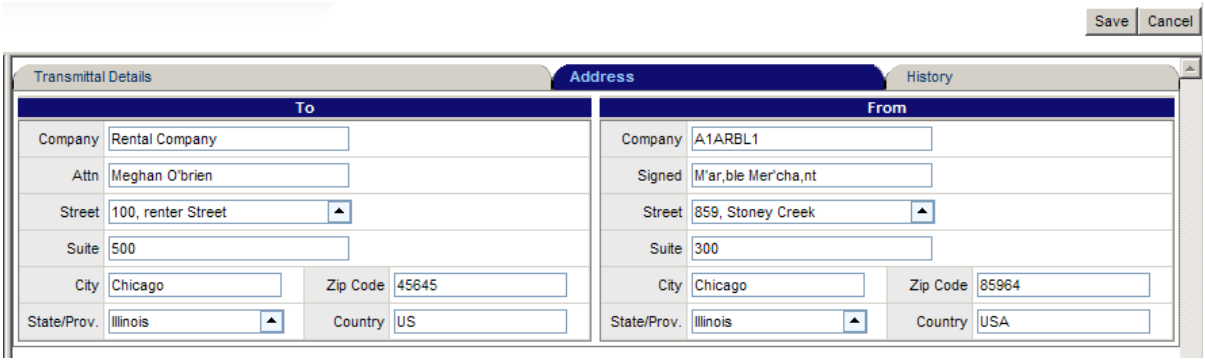
Added the flag '**Use Bid Item Expense Authorization**' to the PM Company Control file to indicate if Bid Item Expense Authorizations are to be used. This is a default value that will be inherited by the projects within the company, but can be overridden. This flag is important in the Expense Authorization process (PCI's of OBC class that are linked to bid items). The user cannot 'Select' to purchase a bid item that does not have a related **posted** PCI associated if the 'Bid Item Expense Authorizations' flag on the project is set to 'Y'.

Added the flag '**One To One Relationship Between Bid Item And Buy Out Item**' to the PM Company Control file that indicates there must be a one to one relationship between a Bid Item and a Buy Out item.

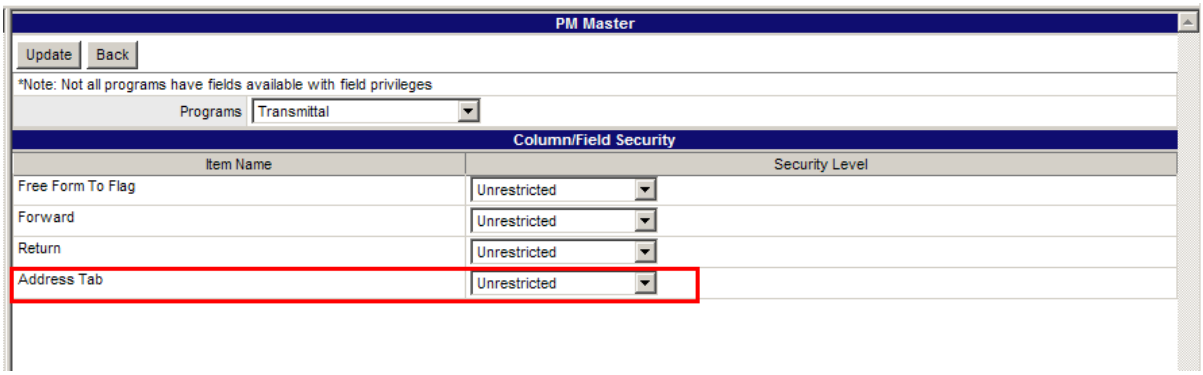
Transmittal Entry – Address Tab with Field Security (11.55427)



'Address' tab is added to the Transmittal Entry Screen. This addition provides the same functionality as in enterprise Transmittal Entry Form.

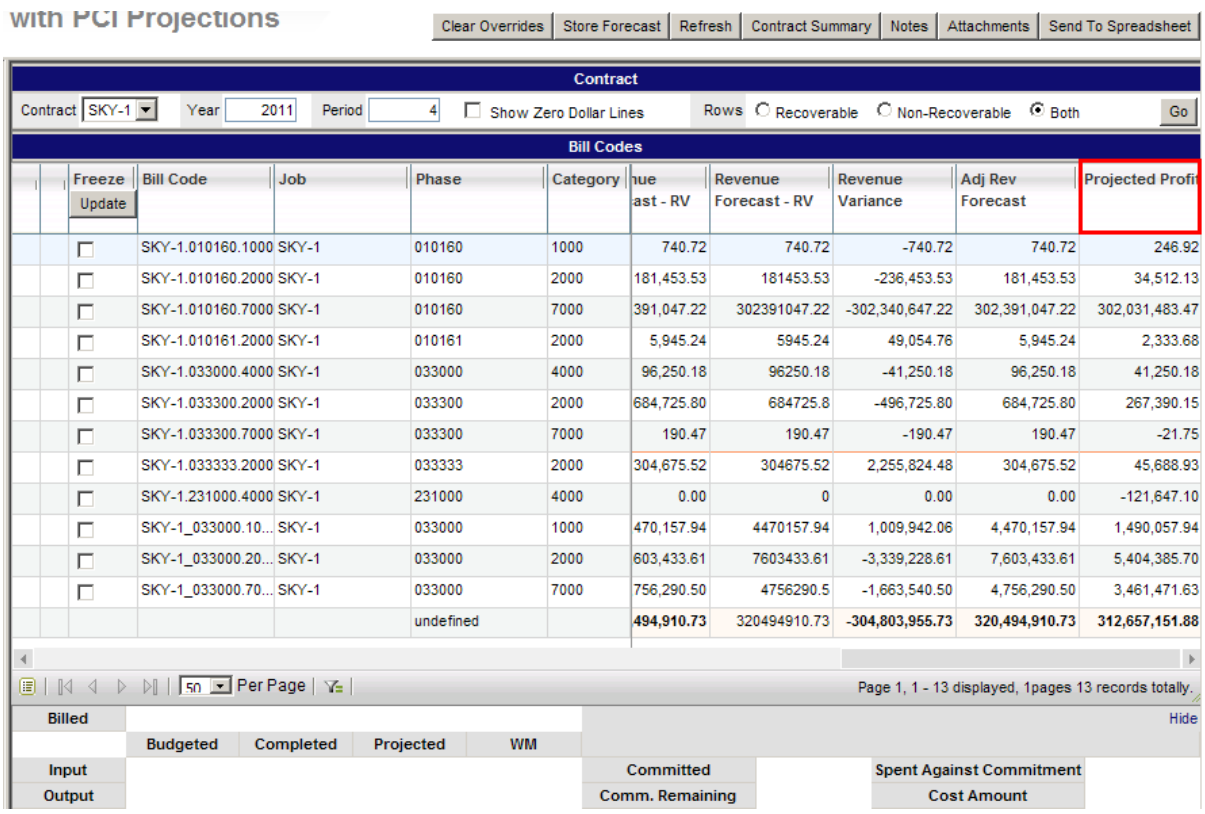


The address tab has two sections one each for 'To' and 'From' addresses. The default addresses of the project partners is populated and displayed. If required users may override the address details by selecting an 'Address Code' from the LOV which may be invoked by clicking on the lov icon on the 'Street' field.

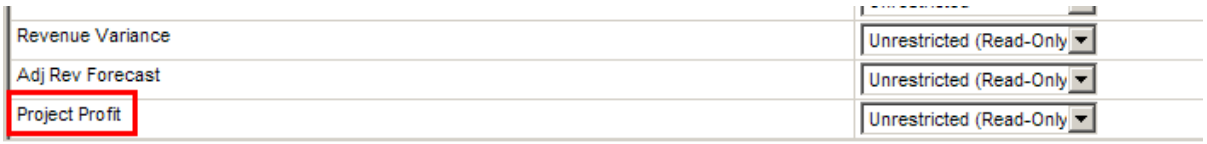


Field Security may be applied to the 'Address' tab. The default value is 'Unrestricted'. Users may prefer to assign 'Hidden' value to specific or 'ALL' roles to hide the tab.

Contract Forecasting – Projected Profit Column (11.54932)

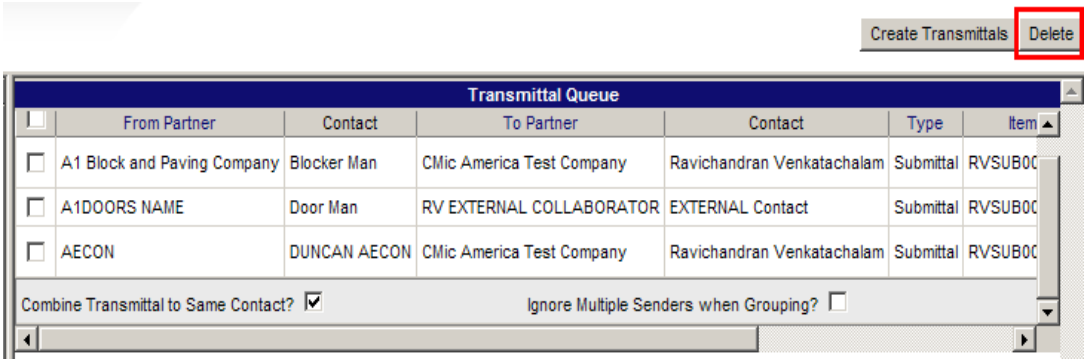


'Projected Profit' column is added to the Contract Forecasting screen to show the difference between Revenue Forecast and Total Projected Cost, identical to the column that is available in forms version of the contract forecasting screen.



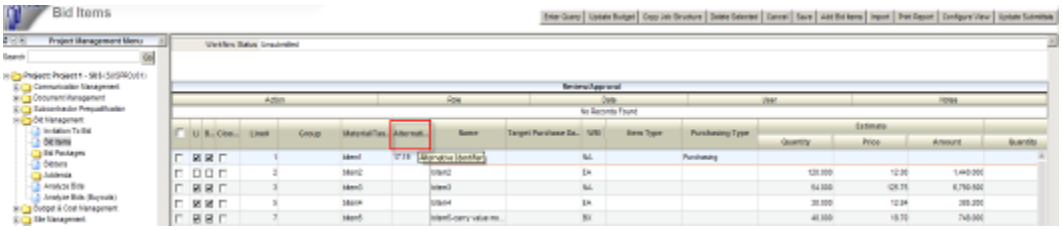
The default field security is 'Unrestricted (Read-Only). Users may prefer to hide this column either for 'ALL' or a specific role.

Transmittal Queue – Delete Function (11.56926)



'Delete' function is added to the Transmittal Queue Screen. Users now have the ability from within the Transmittal queue to delete any unnecessary transmittals that may have been inadvertently created.

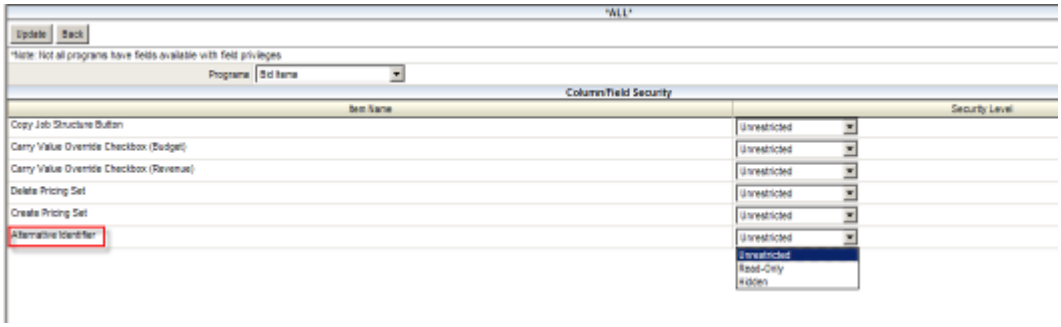
Bid Items – Alternate Identifier (10.48786)



The **Alternate Identifier** field has been added to the Bid Items screen. It is a numeric field with format 99.99. The purpose of this field is to indicate that the bid item is an alternate for an existing item that can be selected by the owner if they would like. Usually these items are less costly options – a different grade of carpet, for example.

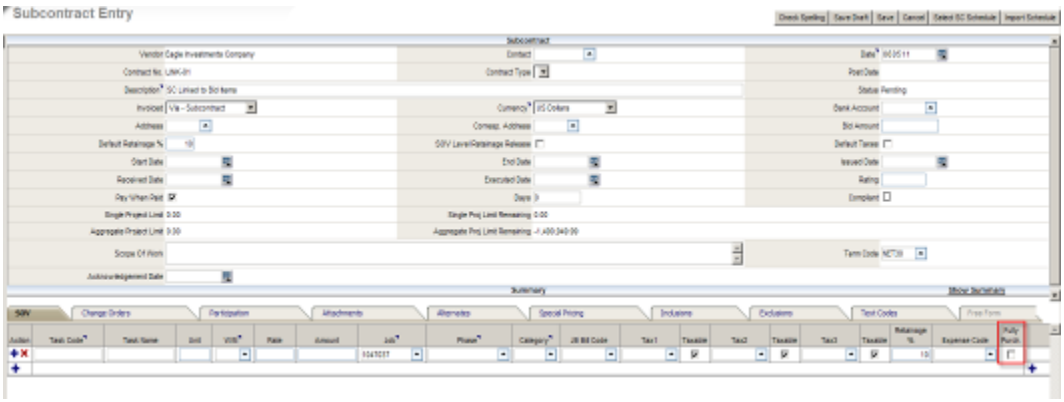
The field is to be used for custom reporting purposes only.

Field security can be applied to the Alternate Identifier if necessary. Possible value is Unrestricted, Read-only or Hidden:



Display Remaining Value on Bid Item (linked to Buy Out Item) (10.48772)

Added the '**Fully Purchased**' flag to the details section of Subcontract and Subcontract Change Order entry. This field will indicate if the remaining amount on a bid item, if not fully purchased, is to be kept as 'yet to buy' or the remaining amount is to be closed.



If the remaining amount is to be kept as ‘yet to buy’, when the subcontract is posted the system will create a new bid item for the remaining amount. This new bid item will be a copy of the original line (with a suffix ‘- 1’) but only the "Estimated Pricing Set" will have an amount.

During posting, the routine will update a new field on the table JCJOBCAT for the record related to the Job/Phase/Cat that will store the remaining amount of the bid item if the bid item was marked as ‘Fully Purchased’.

Forms version

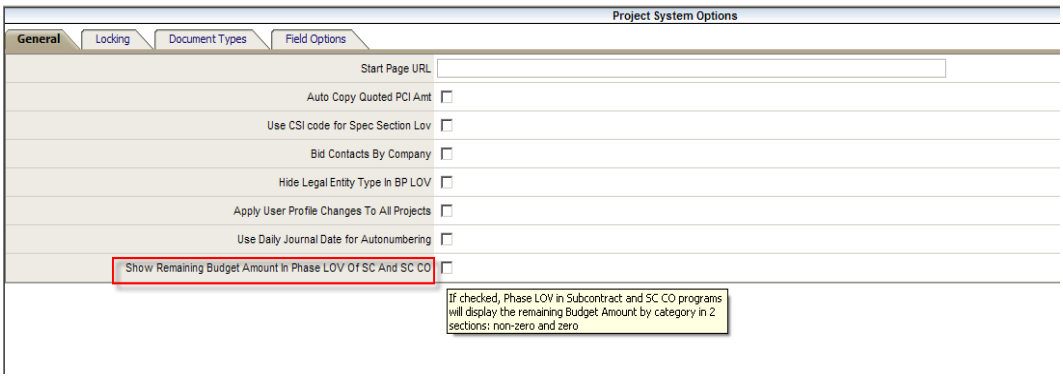
The flag is also available in the Forms version of PM Subcontract/CO Entry.

Field Security

Field security can be applied to the ‘Fully Purchased’ flag in the Subcontract or Subcontract Change screens if desired.

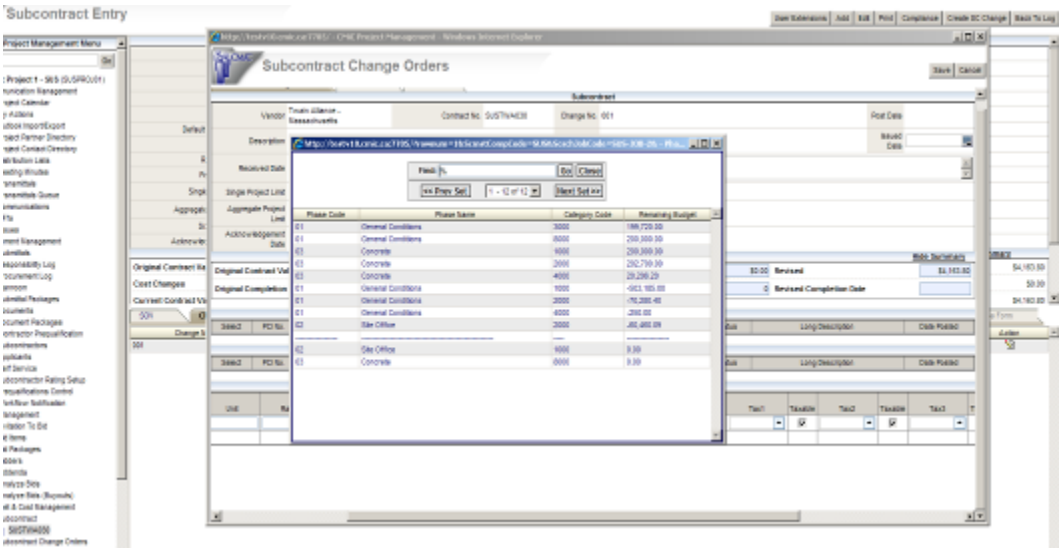
The possible value is ‘Unrestricted’, ‘Read-only’ or ‘Hidden’.

Show Budgeted Phases in Subcontract and Change Order LOV
(11.55545)



Added the flag ‘**Show Remaining Budget Amount in Phase LOV of SC and SC CO**’, to the General tab of Project Systems Options.

By default the flag is un-checked. If checked, the Phase LOV in subcontract and subcontract change order programs will display the remaining budget amount by category in two sections: zero and non-zero:



The Remaining Budget Amount = Budget Amount – Committed to Date

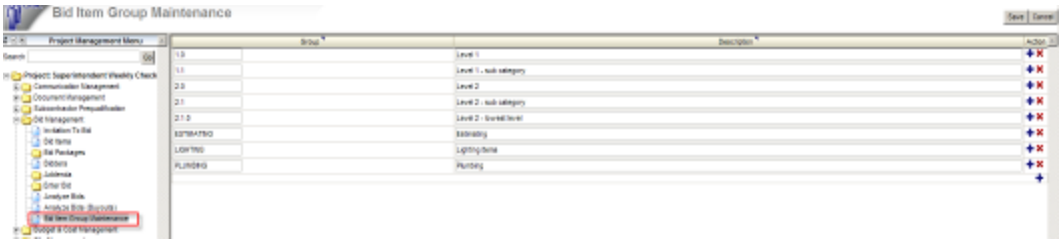
TBD Functionality for Vendor in PCI Entry (10.52779)

Modified the Change Item Forms and JSP programs to allow 'TBD' as subcontract vendor, irrespective of the 'Post Vendor Contracts With Change Item Flag' on CM Control file or Change Item Entry. At the time of posting, if the PCI has TBD vendor then the system only posts the TBD vendor's PCI but does not create any subcontract. Otherwise, the system works as per usual.

These TBD vendor subcontracts are available to be pulled into any subcontract change order for that project/job, but only in the PM JSP Subcontract program, not the Forms version.

When this happens the posted PCI is updated with the vendor, subcontract and subcontract change code.

Bid Item Group Maintenance (11.58457)



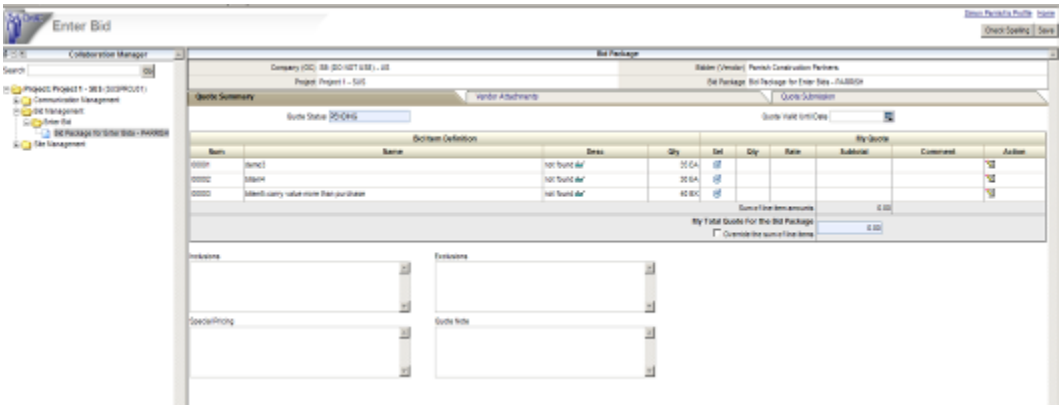
Added a Bid Item Group Maintenance screen to the PM JSP Bid Management node of the tree-view because they are project-specific. Code and Description are the fields to be completed.

This is part of future development to be done in relation to Bid Items.

Bid Item Splitting into Secondary Item (11.58010)

Made changes so that the 'splitting' of bid items into a secondary bid item (when Estimated Amount is greater than Purchased Amount), is based on a Company Control flag in PM JSP. The default value of the flag is un-checked, meaning no splitting occurs, which is standard functionality.

Enter Bids (11.56181)



The Bid Entry screen has been re-added to the PM JSP tree-view. The program has been modified to display 'Buy Out' items instead of 'Bid Items'.

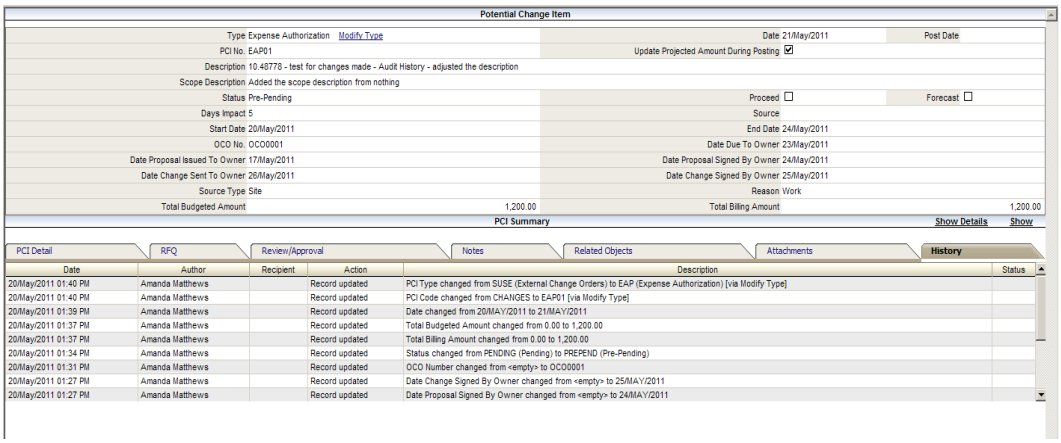
PCI Audit History and Number Continuity (10.48778)

A number of changes have been applied to the PCI Entry screen. These are described below.

1. Audit History

Introduced a PCI Audit History for changes made to a number of fields in the PCI Entry screen - Header: Type, PCI Number, Date, Description, Status, Start Date, OCO Number, Date Due to Owner, Date Proposal Issued to Owner, Date Proposal Signed by Owner, Date Change Sent to Owner, Date Change Signed by Owner. Total Budgeted Amount and Total Billing Amount are recorded whenever changes occur to Budgeted Amount and/or Billing Amount in the PCI details.

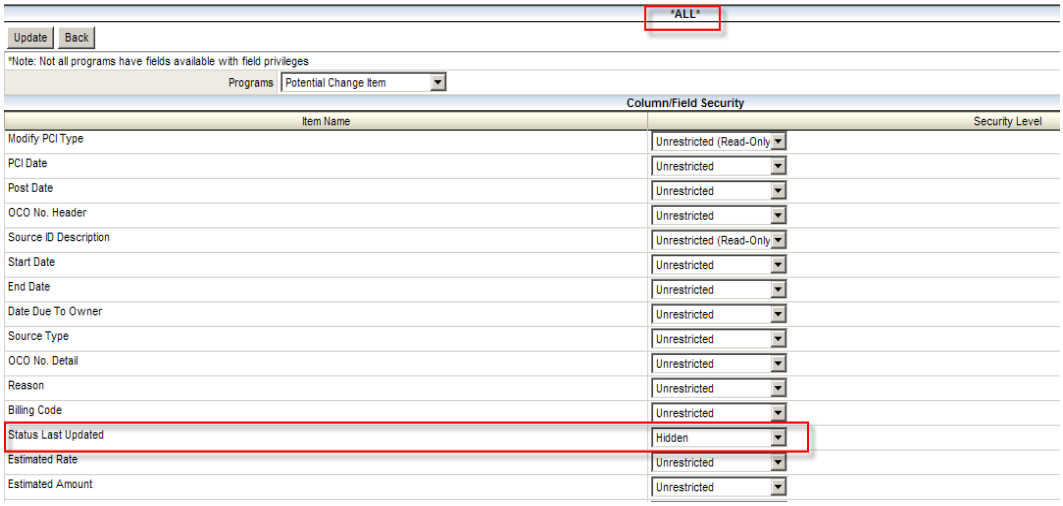
The audit records are located in the new History tab of the PCI Entry screen:

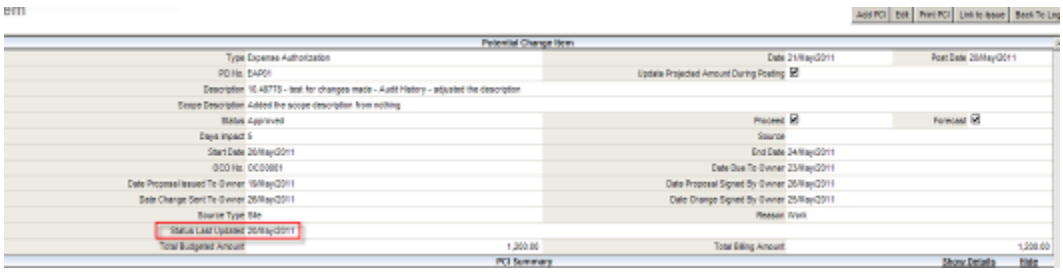


2. Status Last Updated

The new field "Status Last Updated" has been added to the PCI screen. This date tracks any status change.

- The "Status Last Updated" has a field security on it and is set to HIDDEN by default on the *ALL* role:





- The form letter data sources (views) that have been updated with the new field (Date Status Last Updated) are:

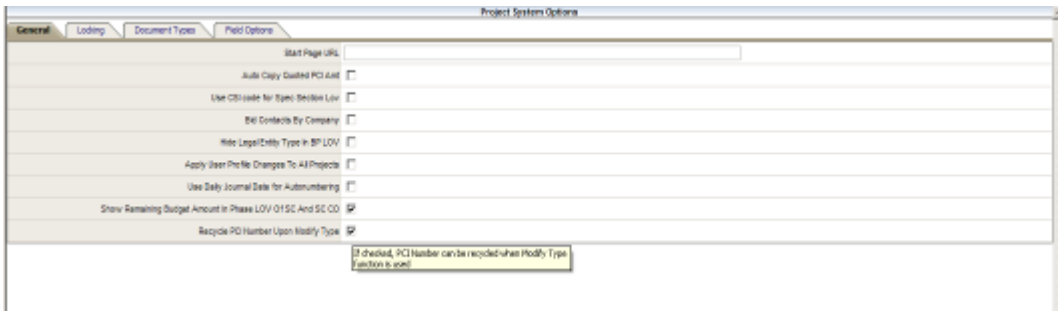
  FLPM3110_V (Change Item Entry)

  FLPM3150_V (Change Item Entry - Owner)

3. Modify Type only for types other than the current type

The PCI 'Modify Type' function will no longer display the same PCI type, in the drop-down list, as the current PCI e.g. if PCI type is currently Ext, the dropdown list will not show Ext type. This will prevent the users from changing the PCI number only, without changing PCI type.

4. Continuity of PCI Numbering



Additionally, a PM Systems Options flag has been added: '**Recycle PCI Number Upon Modify Type**'. By default this flag is checked to maintain previous functionality. If it is un-checked the system will not reuse PCI numbers when the Modify Type feature is executed. So if the user clicks 'Modify Type', for a particular PCI Type, the next number in sequence for that type is proposed. If the user then changes his mind and deletes the PCI prior to any more being created for that type, later when another Modify Type is executed for the same PCI Type, that PCI number will not be re-proposed.

Project Role Privileges for Source Type and Reason Maintenance (10.47017)



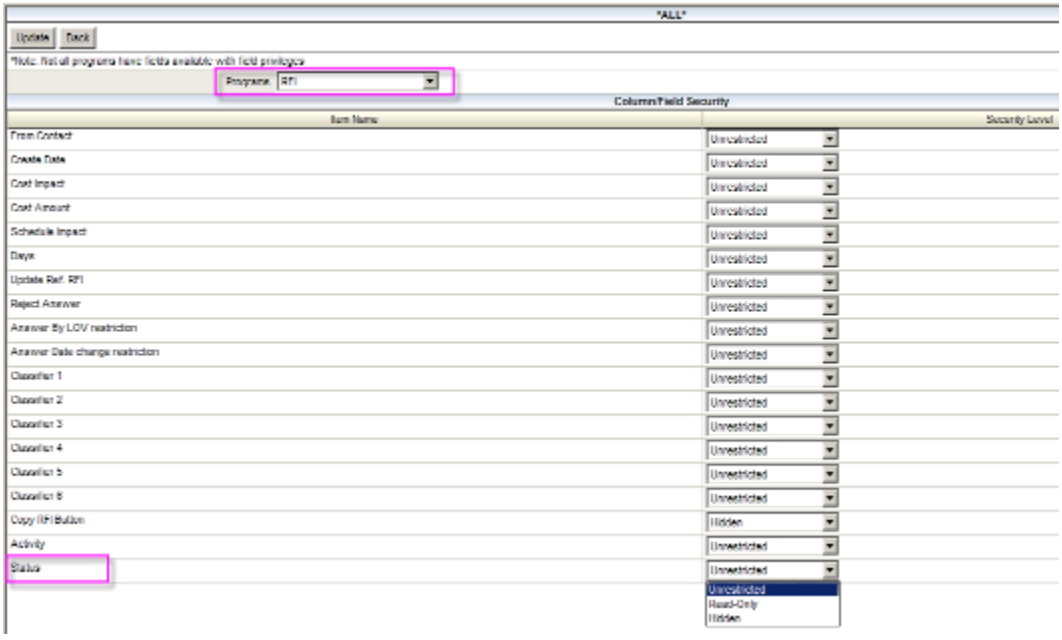
Two project role privileges have been added to allow the user to edit or delete entries in the Source Type and Reason lov's in the PCI header. By default these privileges are un-checked.

Project Role Privilege for RFI Answer By and Answer Date (11.57111)

Added the Project Role privilege: '**No RFI Answer Entry**'. This privilege is to allow the customer to apply a sort of field security, but on the project role level. The idea is that either field security is used for those fields, or this privilege, not both.

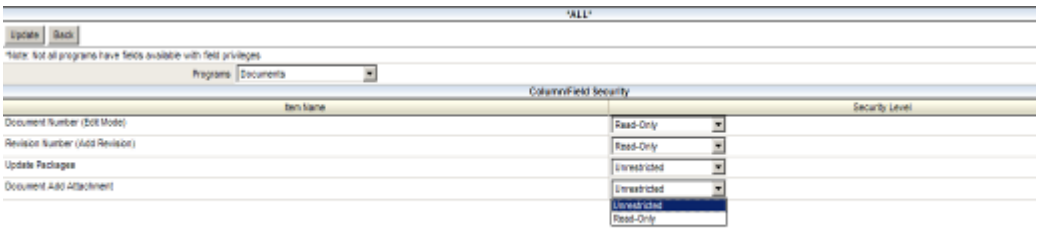
If the Privilege is 'N' (un-checked) the Answer By/Date fields are open. If the privilege is 'Y' (checked) the Answer By/Date fields will be read-only.

Field Security for RFI Status (11.58253)

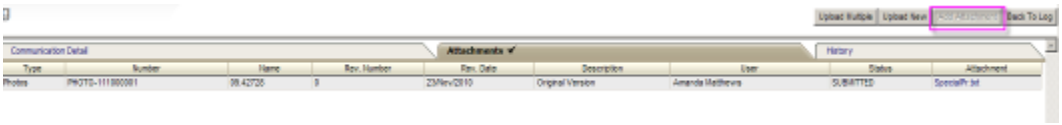


Field security can be applied to the RFI Status field. The possible setting is 'Unrestricted', 'Read-only' or 'Hidden'.

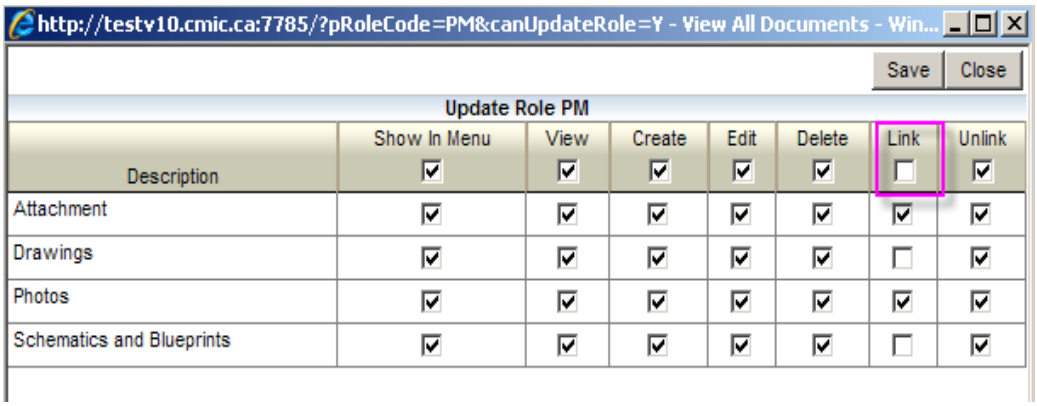
Document Security – Add Attachment (11.57586)



Field security can be assigned to the **[Add Attachment]** button when in the Document Entry program. The possible setting is 'Unrestricted' or 'Read-only'. When set at 'Read-only', the [Add Attachment] button is shown, but it is disabled:



Also added the 'Link' checkbox to allow linking privilege by document type, for the users with the project role:



If the 'Link' check-box is un-checked against a particular document type for a role, the user with that role will not be able to add existing document attachments of that document type to any PM objects, even though he might still be able to do so for other types, as per the settings for the other document types.

Send I/O Email – Daily Journal (11.57112)

Added the ability to send I/O emails to update Notes and Attachments in Daily Journals. If the Daily Journal is locked, the system sends back an email indicating that the Daily Journal is locked and notes/attachments can no longer be added.

Submittals show 'Bold' for Current User Responsibility (11.58254)

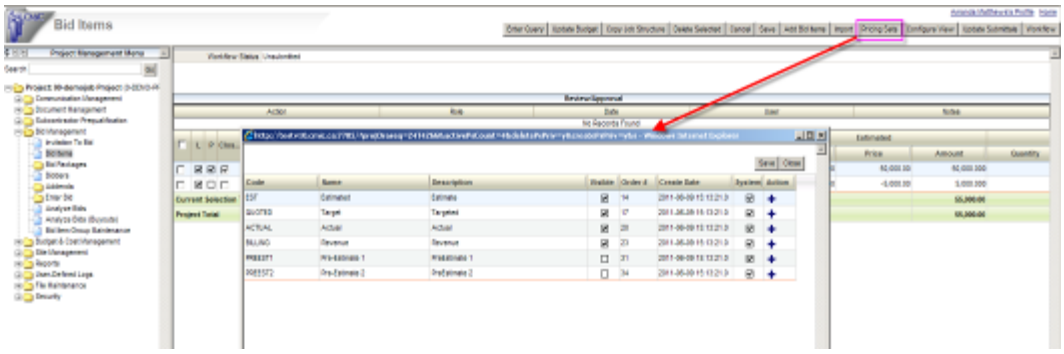
Submittals directed to the current user will appear BOLD for that user until they are directed to a different contact (Current Responsibility is changed from the current user).

Configuration Screen for Bid Items (11.55548)

The following changes have been made to the Bid Items screen:

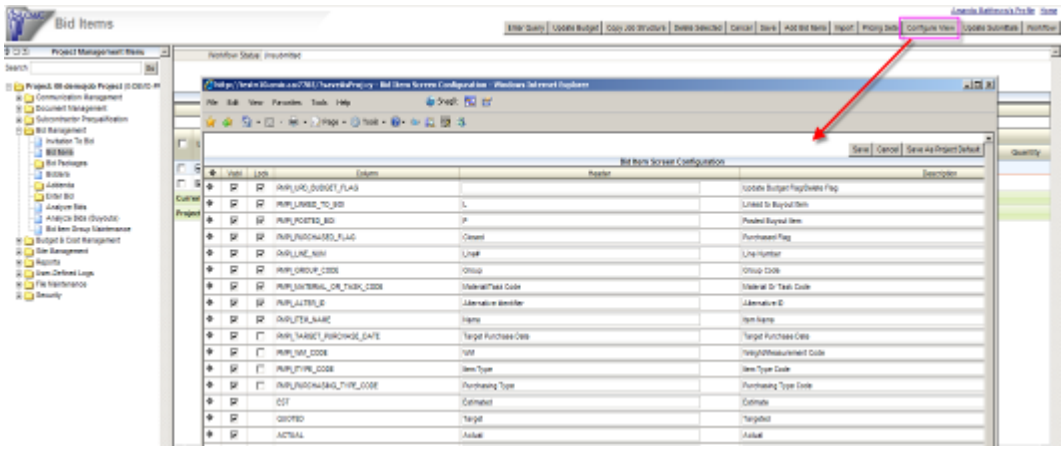
1. Bid Item Screen Configuration

The **[Pricing Set]** button replaces the previous [Configure View], to give a popup of the various key figures that the user can select to show on the Bid Items screen:



The '**Visible**' flag in this popup can no longer be set for user-defined pricing sets…it has to be done in the Configure View screen, after creating in the Pricing Set window.

The 'new' **[Configure View]** button now displays a popup window of all the Bid Items fields from which the user can select which fields to show or not:



This is similar to the Log Builder, and also allows the user to select fields to be 'Visible' and/or 'Locked'. **Lock** means to freeze a column - it will be moved to the left side on the screen and frozen. The fields can also be moved to different positions.

The Pricing set fields (including user-defined ones) cannot be locked but their position can be changed. They also are not editable on the Configuration screen.

The three Tax fields always go together and the Order# is calculated based on Tax1 position.

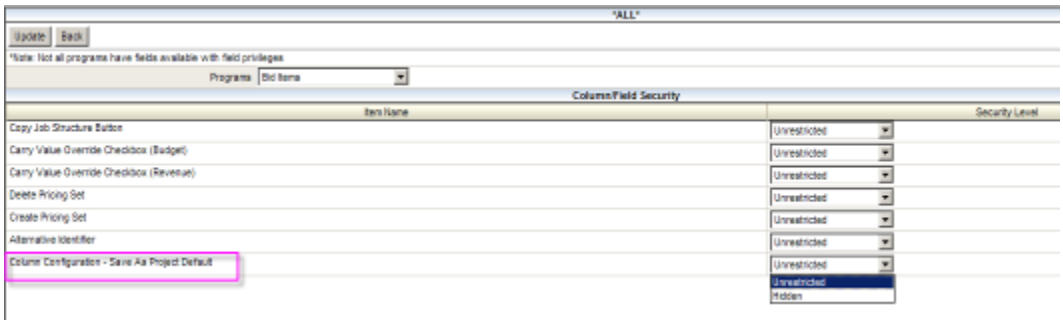
[Save] – this means that the configuration changes are saved for the **current user** and **current project**.

[Save as Project Default] - this means that the configuration changes are saved for the **current project**, for **any user**.

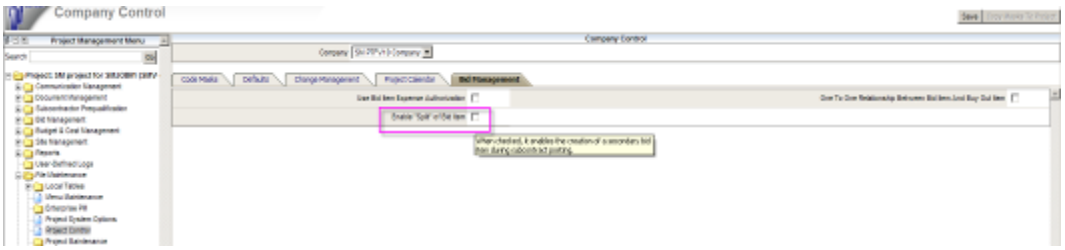
NOTE: There is no feature for saving the same bid item configuration across a company (for all projects), mainly because of user-defined pricing sets.

2. Field Security

Field security can be applied to the **[Save as Project Default]** button:



PM Control Flag for 'Splitting' Bid Item (11.58010)



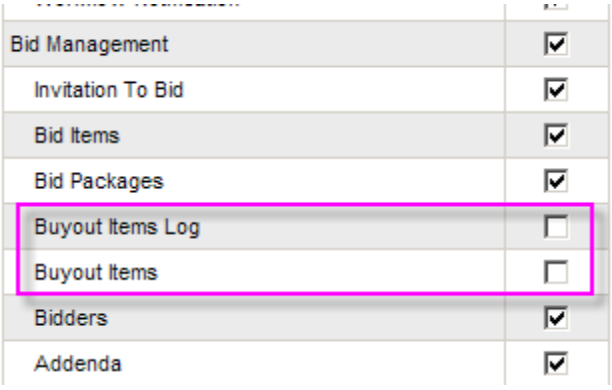
Added the user-interface that allows the user to indicate whether a secondary bid item is to be created during posting of subcontracts, when estimated amount is less than purchased amount for bid items. For clients using this functionality, the value on the flag will default as 'checked', otherwise, it will remain un-checked (standard functionality). The flag is located on the Bid Management tab of the PM Control.

Maintenance of BuyOut Items and Buyout Items Log (10.52567)

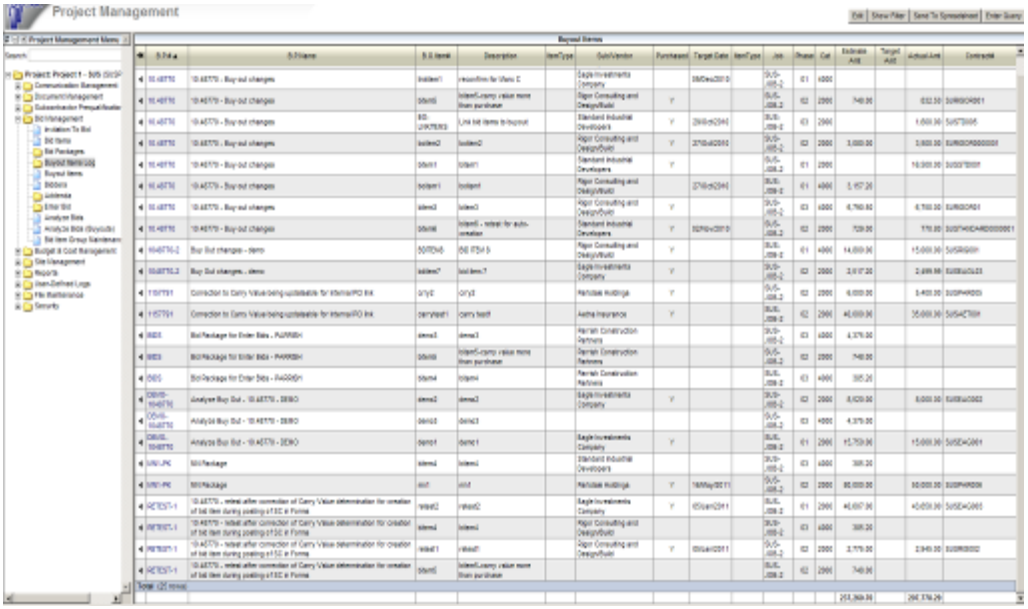
A program to maintain PM Buyout Items has been added. The program can be run from Tree-view Menu or by clicking the [Edit] button on the Log screen (see print below).

Security access to the **program** 'Buyout Items' will need to be gained before it is visible on the tree-view. Security access to the following **menu items** also need to be assigned:

- Buyout Items Log
- Buyout Items

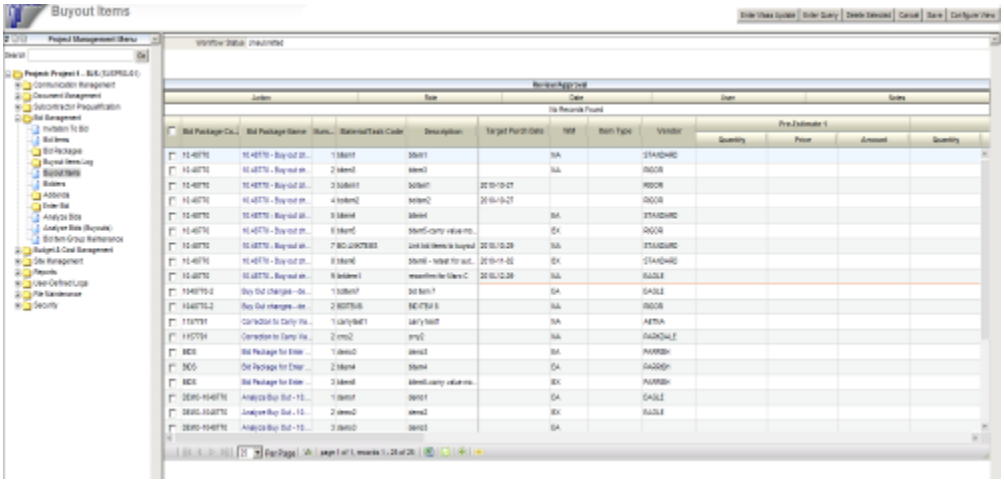


Buyout Items Log



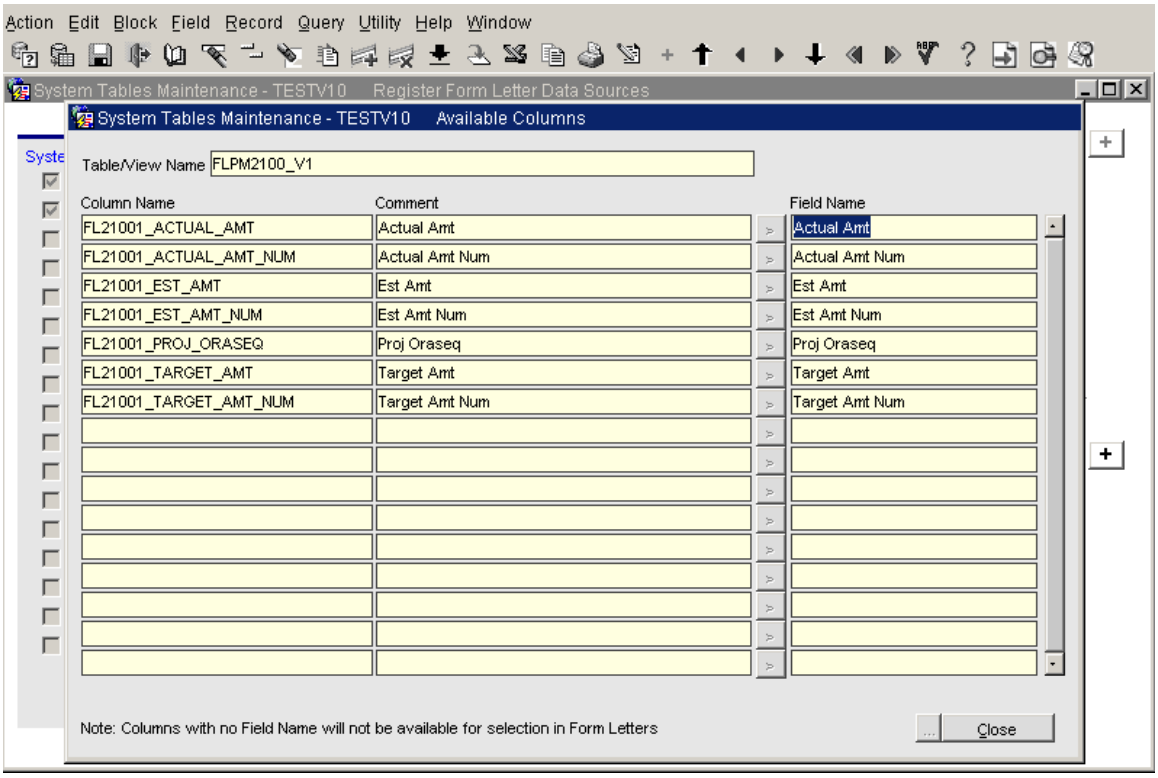
The Buyout Items Log is similar to other logs in JSP. It allows filtering and exporting to spreadsheet. The columns can be configured by using the Log Builder for Buyout Items, and a pre-defined default filter can be set using the Log Filter for Buyout Items.

Buyout Items Screen



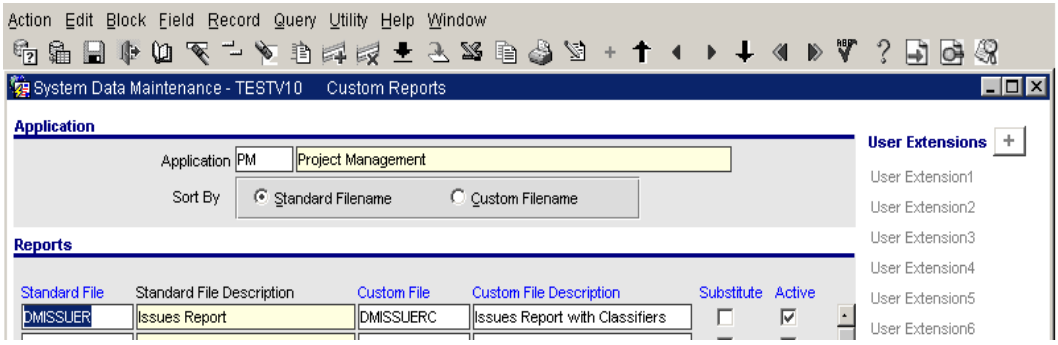
This screen has a look similar to the Bid Items screen with similar columns. The main difference is the link to the corresponding Bid Package which allows the user to drill into the bid package.

Form Letter View for Bid Items Project Totals (11.61264)



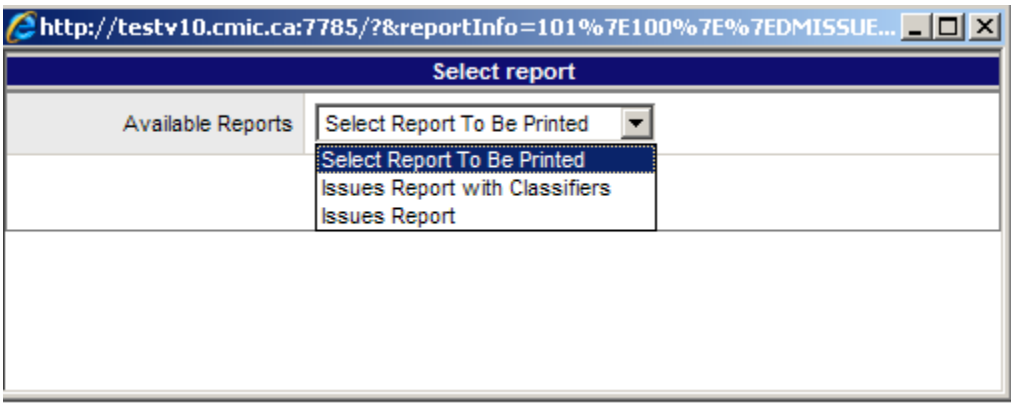
Added a new view for Bid Item Project Totals - FLPM2100_V1.

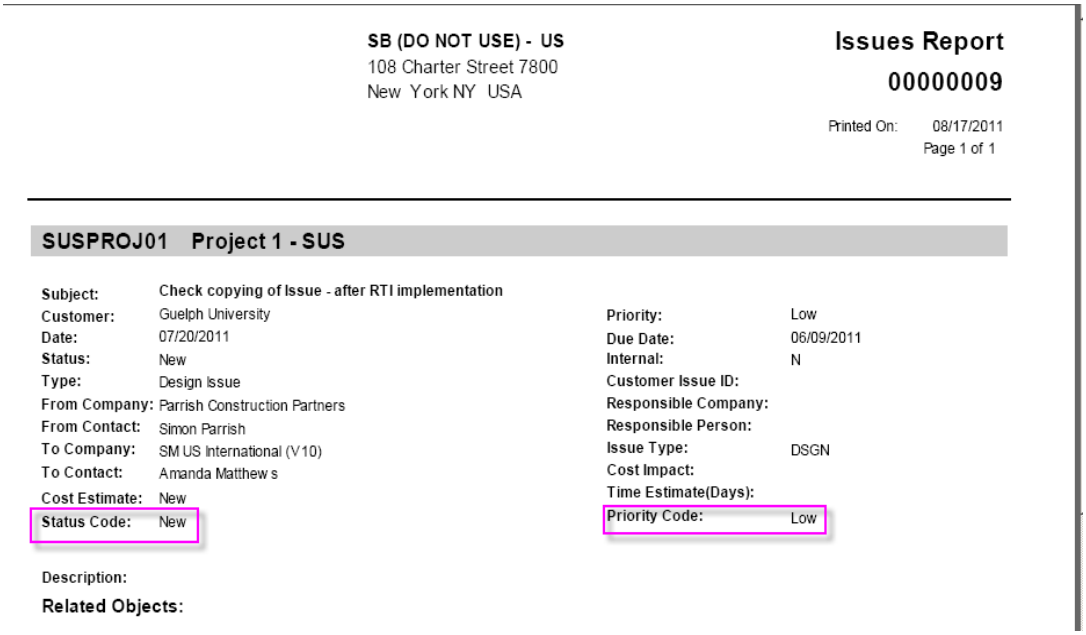
Issue Report with Classifiers (11.61264)



A copy of the DMISSUER report has been made to include classifiers: Status and Priority. The new report code is DMISSUERC (Issues Report with Classifiers).

Depending on whether this new report is set up as shown above, it may or may not be shown as an option when printing Issues:





SB (DO NOT USE) - US
108 Charter Street 7800
New York NY USA

Issues Report
00000009

Printed On: 08/17/2011
Page 1 of 1

SUSPROJ01 Project 1 - SUS

Subject:	**Check copying of Issue - after RTI implementation**		
Customer:	Guelph University	**Priority:**	Low
Date:	07/20/2011	**Due Date:**	06/09/2011
Status:	New	**Internal:**	N
Type:	Design Issue	**Customer Issue ID:**	
From Company:	Parrish Construction Partners	**Responsible Company:**	
From Contact:	Simon Parrish	**Responsible Person:**	
To Company:	SM US International (V10)	**Issue Type:**	DSGN
To Contact:	Amanda Matthews	**Cost Impact:**	
Cost Estimate:	New	**Time Estimate(Days):**	
Status Code:	New	**Priority Code:**	Low

Description:

Related Objects:

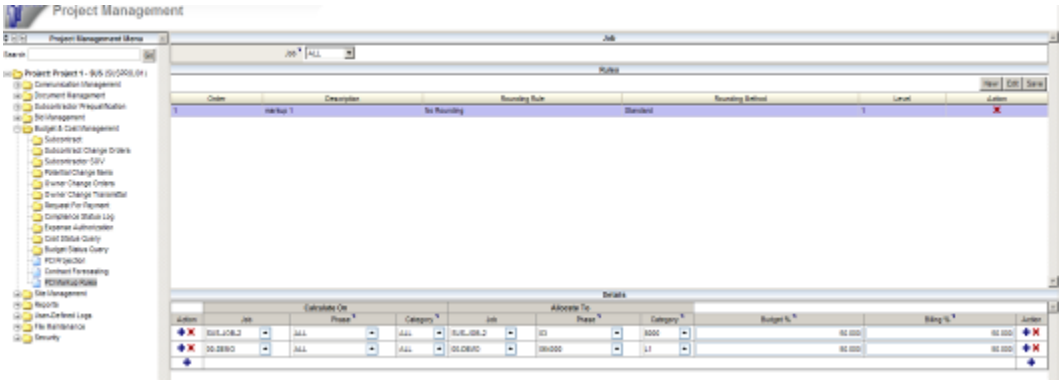
PM JSP – PCI Markup Rules Maintenance (10.52370)

PCI Markup Rules maintenance has been added to Collaboration. The PCI Markup Rules **menu item** is located under the Budget and Cost Management node. When the user role is given access the program becomes available.

There is also a Collaboration privilege which allows the user to Edit (Insert/Update/Delete) the Markup Rules in PM JSP: **'Markup Rule – Edit'.**

If the user does not have this privilege, he will only be able to View the markup rules…no data manipulation is allowed.

The PCI Markup Rules screen has the following look:



The "ALL" option in the Job dropdown list is controlled by the Forms privilege: "**PMMRALLJOB - PM: Allows the user to create change item markup rules for ALL jobs**." If the user doesn't have that privilege, ALL will not be available in the list.

The [**Edit**] button allows the rule record to be opened up for modification. Any rule that is highlighted has its Details already in edit mode.

The [**Copy From Job**] button is available when a job is selected, not when it is 'ALL'.

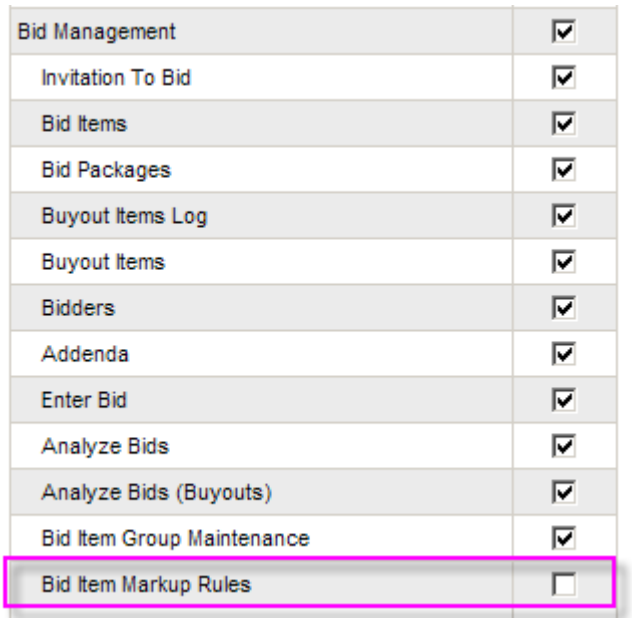
Any validation of the job structure (phase/categories) after the copy is done if [**Save**] is clicked.

NOTE: There is a known deficiency whereby if the user edits markup rule details and then just navigates away to a different header record, the system will not save these changes. **The user needs to press the Save button to save changes.**

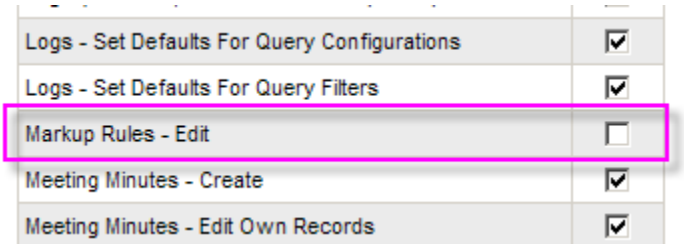
Bid Item Markup Rules Maintenance (11.55544)

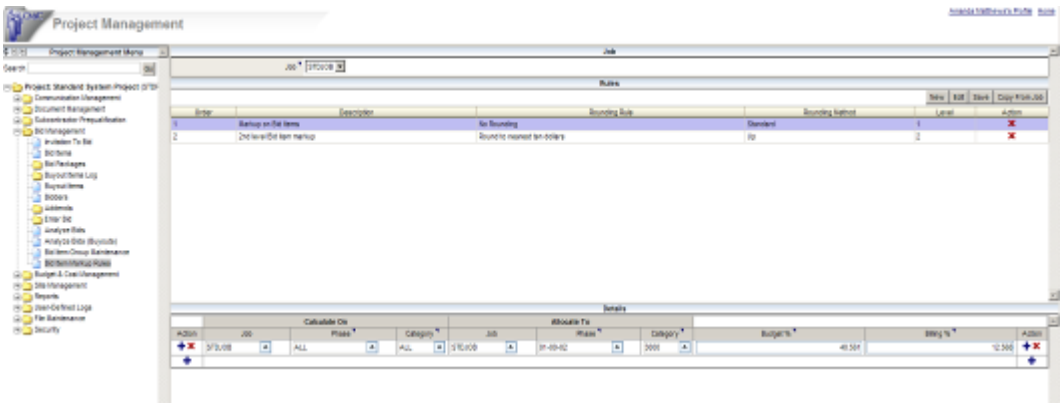
The program '**Bid Item Markup Rules**' has been added to PM JSP. This program allows the definition of markup rules/calculations which will be generated for all bid item records based on the markup % values in the markup definitions.

Security access to the program menu item is found under 'Assign Menu Items' for the user or user role:



The ability to **Create, Edit and Copy** Bid Items Markup rules is also controlled by the '**Markup Rules – Edit**' privilege:



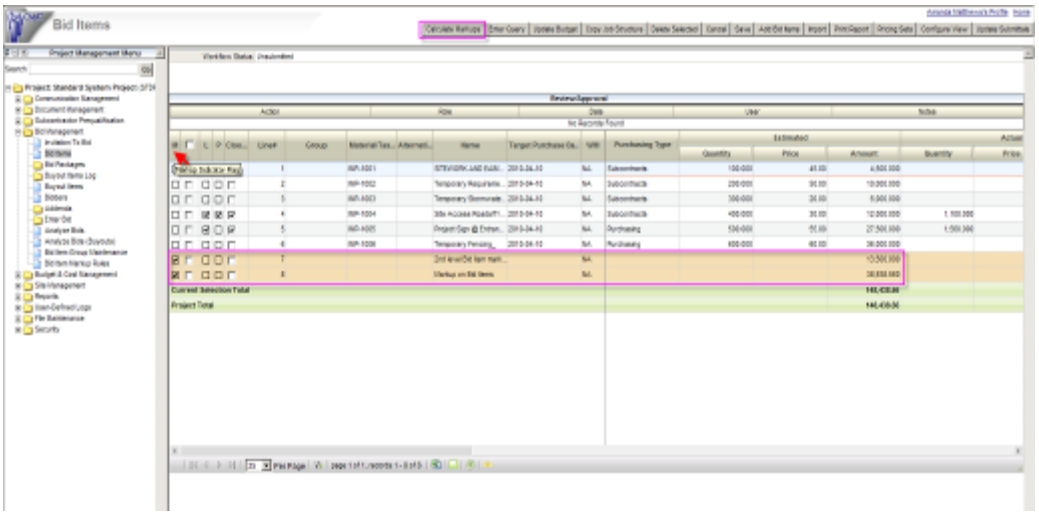


The **[Copy From Job**] button allows the user to copy Bid Items markup rules from a source job to the current job. The Source Job LOV for the Copy only shows jobs that have bid items and have markup rules defined.

The Forms privilege "**PMMRALLJOB: Allows user to create markup rules for ALL jobs"**, is also used (in addition for PCI Markup rules), to determine if a user can create bid item markup rules for ALL jobs or not. If it is checked for the user, 'ALL' will be an option in the Job LOV of the Bid Item Markup maintenance screen.

NOTE: Both the PCI markup rules and the Bid Item markup rules share the same table…so the bid item markup rules will show in the Forms version of the maintenance screen.

On the Bid Items screen, the **[Calculate Markups]** button is used to generate the markups defined. When completed, the 'M' column becomes checked, and the markup lines are displayed in an orange color:



Bid Item Import includes Alternate Identifier (10.48786)



The Bid Item Import (JSP) has been modified to include the Alternate Identifier field (defined as type: Number 4,2 i.e. a maximum of 4 characters including any decimal point e.g. 44.1).

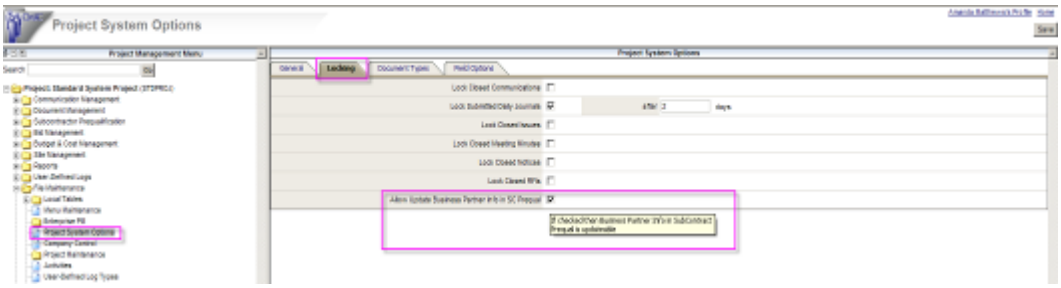
PCI Source and Type at Company Level (10.47017)

PCI Source and Type are added at the project level, but they are actually company-level texts which are available to all projects in the company. The privilege of maintaining Source and Type can be suitably applied to Project Roles.

Restriction on PCI Modify Type (11.62094)

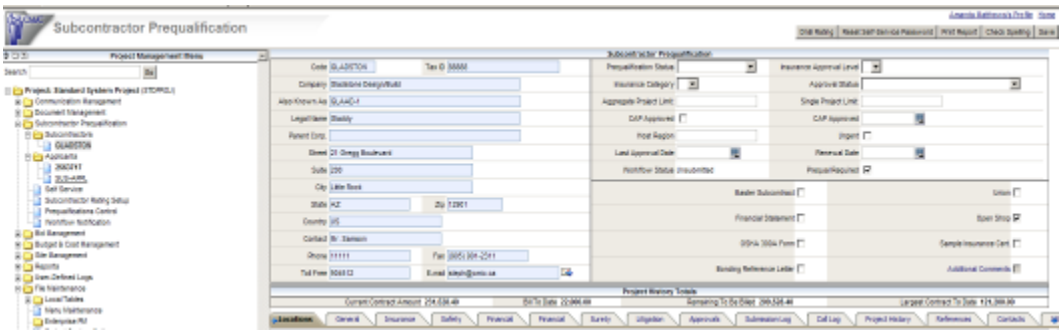
When using WBS Mapping options, the Modify Type feature of PCI is only permitted where there is no connection from PCI Details to any subcontract or subcontract change order.

Prevent Update of Business Partner Information in the Subcontractor Prequalification (11.62223)



The flag : '**Allow Update Business Partner Info in SC Prequal**' has been added to the 'Locking' tab of Project Systems Options.

By default, the flag is checked, to preserve standard functionality. When it is un-checked, the user is unable to make changes to the business partner information fields in the Subcontractor Prequalification screen (Subcontractors and Applicants (includes Self-Service)):

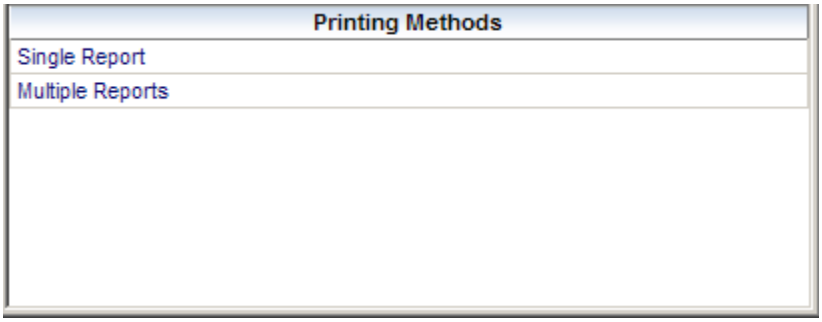


NOTE: The Business Partner information fields are not locked until the Applicant becomes an Approved Subcontractor.

Multiple Form Letters Printing in PM JSP (10.53741)

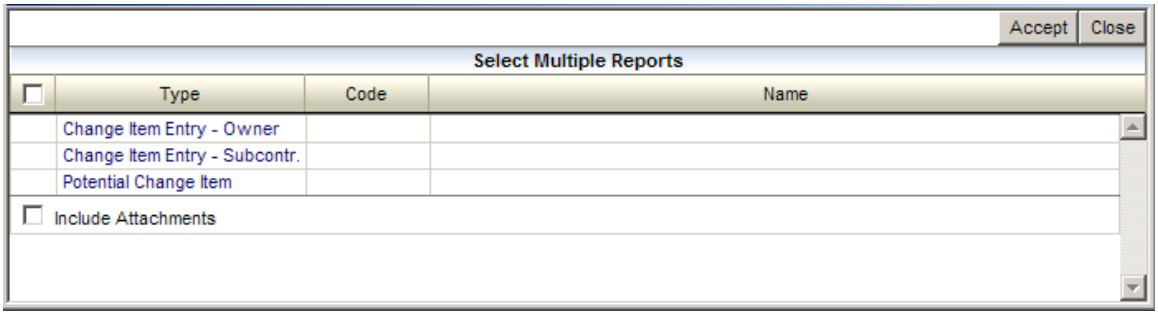
The reports printing functionality has been enhanced to give the user the flexibility of printing a single report (form letter), or **multiple reports** (form letters) and attachments, the latter option producing a single PDF file with all the reports and attachments as pages of that file. The file types that are currently applicable are 'BMP', 'IMG', 'JPG', 'JPEG', 'PNG', 'TIF', 'TIFF'.

When the Print Report button in any PM JSP screen is clicked, the popup window displays two printing method links:

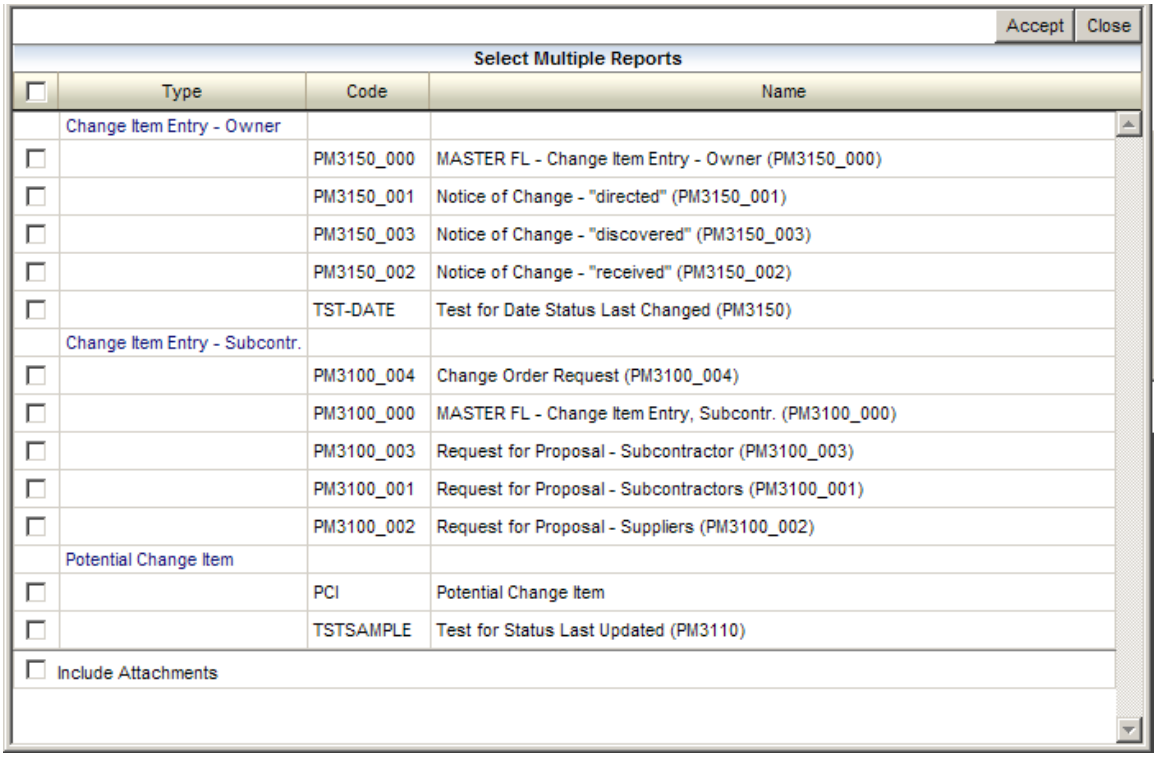


The ‘Single Report’ link is the previous functionality where a single report is printed.

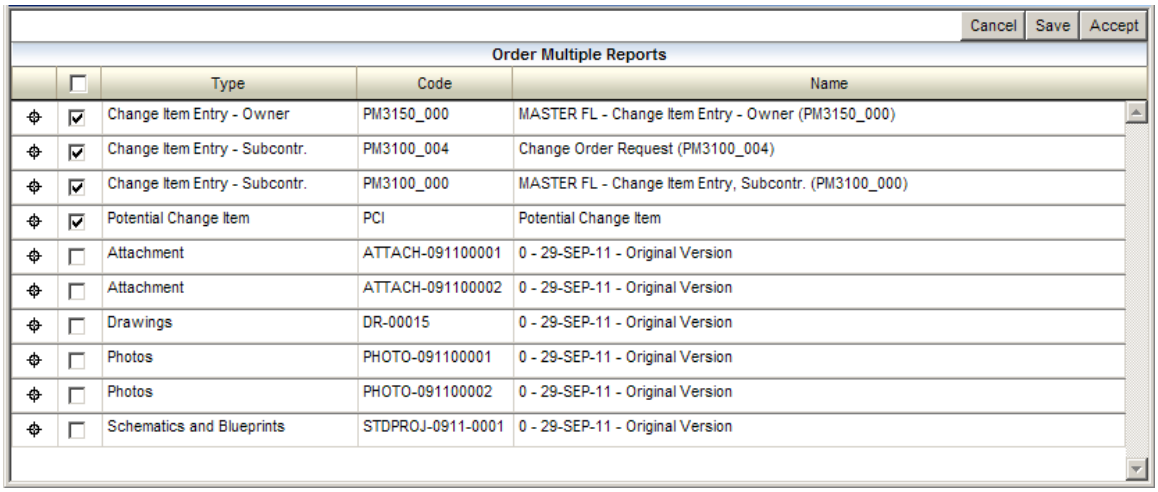
The ‘**Multiple Reports**’ link will take the user to a selection screen where all the report types are listed with an ‘Include Attachments’ checkbox, if the user wishes to print the attachments as well:



Click on each link to expand the list for each report type and make your selection:



Click **[Accept]**. The next popup window shows the reports selected and the attachments (if the ‘Include Attachments’ flag is also checked):



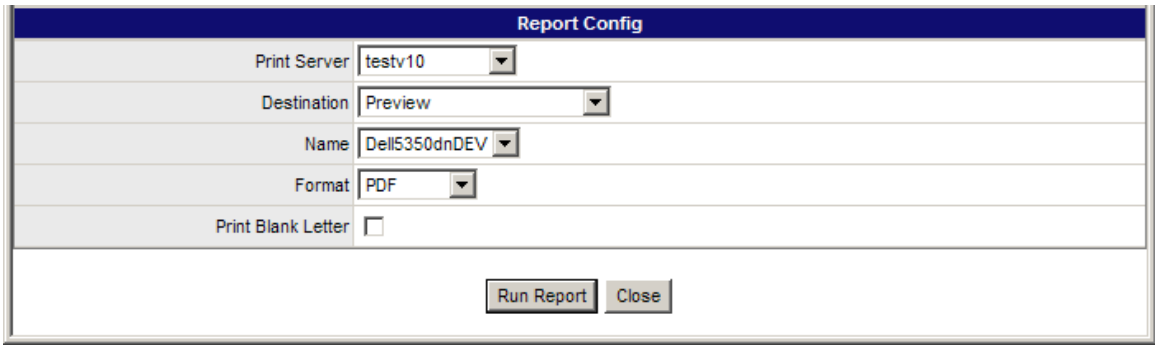
Further select/deselect the reports and attachments to be printed (or excluded).

The **[Save]** button saves your settings in case you decide to [Cancel] and go back to the previous window, or if you change your mind about printing, but you want to keep the settings that you make.

The ⌖ icon is used to re-position a report or attachment to a desired location before printing. The order of printing is from top to bottom.

NOTE: If you restart the printing session, only the **report selections** that were previously saved will remain intact….you will need to **re-select the attachments** to include.

Click the **[Accept]** button to proceed with printing your selection:



You can always Preview your print before finally sending it to the printer or other output media (email, fax etc.).

Report Security

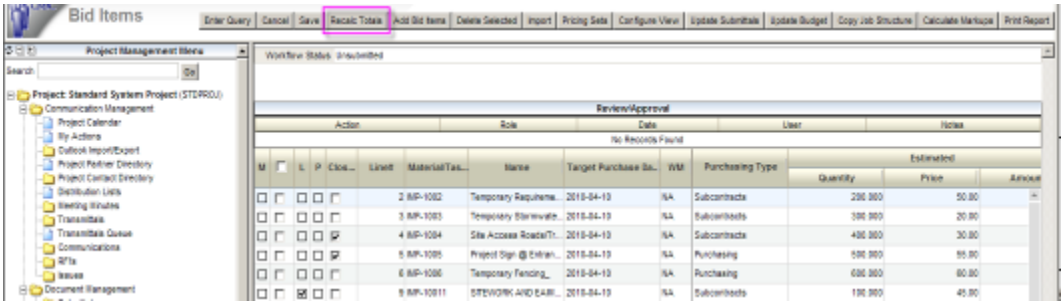
Report Security set in the Reports Assignment screen also applies to the printing of multiple reports.

[Send I/O] for Un-submitted Daily Journals (11.57112)



The [**Send I/O Email**] button is now available for un-submitted daily journals.

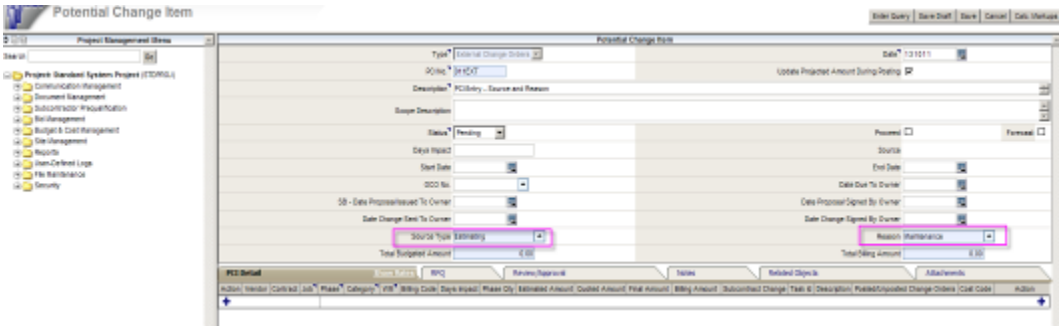
Recalculate Bid Items Totals (11.60173)



Added the **[Recalc Totals]** button to the Bid Items screen. This button saves changes (if any) and fully reloads the Sigma Grid so that Total lines are recalculated.

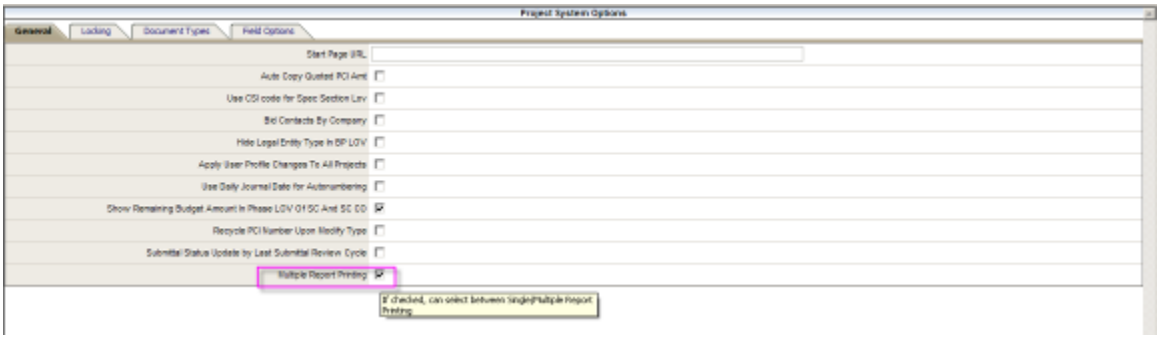
The reason for having a separate button rather than modifying the Save functionality is the performance – a full reload requires much more time and computing resources than the quick/lightweight Ajax call.

PCI - Source Type and Reason Text – LOV Restriction (10.47017)



Modifications were made to the edit/add functions of PCI Entry to not allow for adding to the Source Type and Reason Text LOV's unless the user has the appropriate project role privilege flags checked (Maintain Source Type LOV, Maintain Reason Text LOV). The fields will therefore appear as 'read-only', but the user can still select from the LOV's, if they do not have the flags checked on their project role.

Multiple Reports Printing – Enhancements (10.53741)



Added a new PM Systems Options flag 'Multiple Reports Printing' to allow printing of multiple form letters with attachments.

When the flag is checked and the Print Report button in any PM JSP screen is clicked, the popup window displays the 'Print Multiple Reports' link:



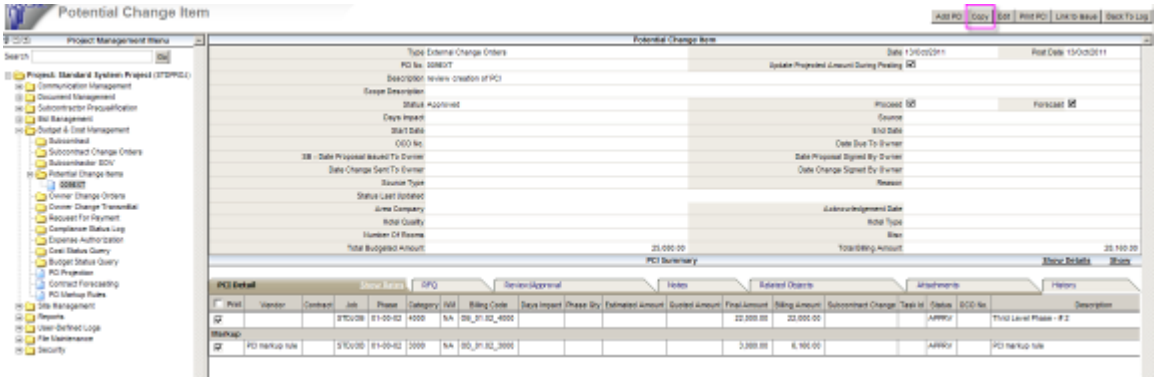
The Print button allows the conventional single report printing.

The '**Print Multiple Reports**' link will take the user to a selection screen where all the report types are listed with an 'Include Attachments' checkbox, if the user wishes to print the attachments as well. The remaining detail of this functionality was previously documented in the V10-019 Patch Document.

Additionally, the following updates have been made to this functionality:

- list the report groups and reports in the same order as for the Single report option
- display the attachment Name (not revision information)

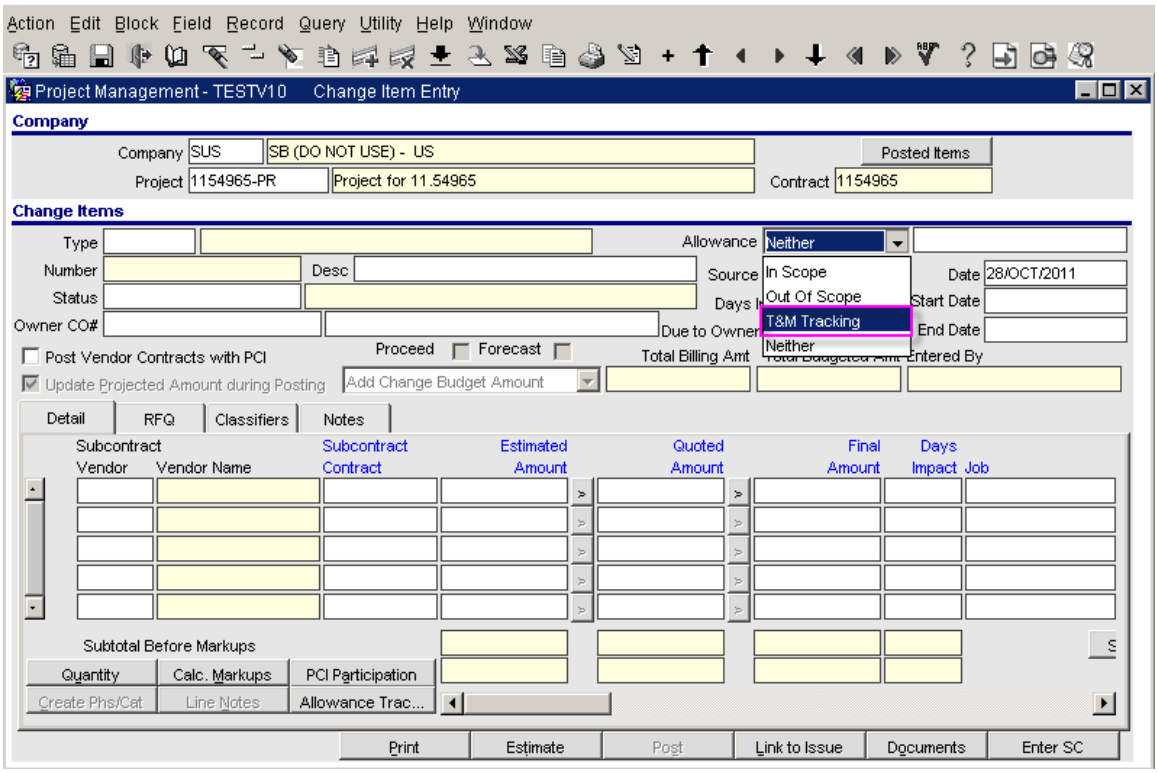
Copying Posted PCI in JSP (09.41217)



Copy PCI functionality has been extended to include ability to copy a **Posted PCI** with the new PCI having a Pending (P) status defaulted in. This is applicable only to the JSP version.

NOTE: This functionality cannot be used when WBS codes are being used for PCIs.

PCI (Forms version) – T&M Tracking in PCI (11.60838)



A new Allowance Type '**T&M Tracking**' has been added to the PCI screen. The PCI can be of any type (internal, external, transfer) for this allowance type. As there is no category link for this allowance type, it will not consider any subcontract data. Due to this reason the Projected Balance will always be negative for this allowance type and, therefore, the Allowance Amount for this type of allowance will always be written back to the PCI as the Estimated Amount.

The billing amount is not mandatory on the PCI. It will be written back to the PCI from the allowance screen for this allowance type (similar to the way it currently is written back for Out of Scope Allowances).

On the allowance screen, owner and projected balances for this allowance type will always be blank.

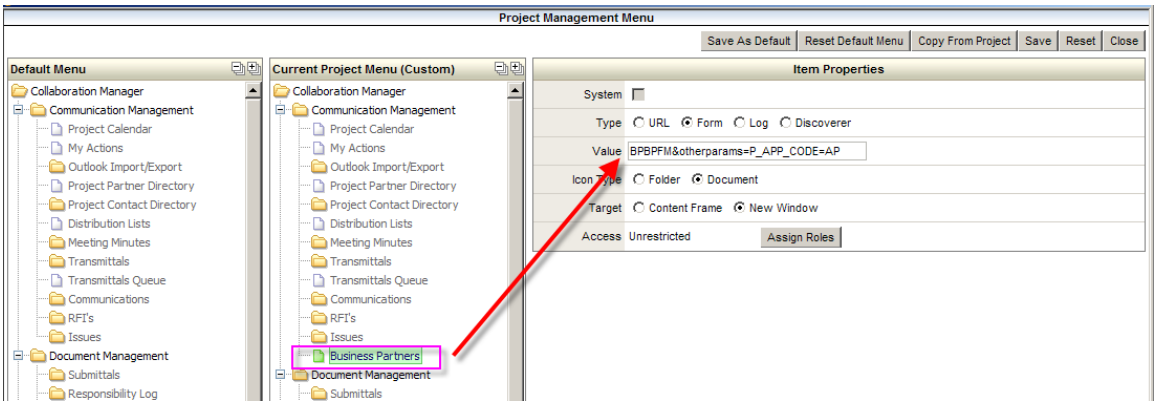
Attaching Business Partner Form to JSP Tree-view (11.63388)

Adjustments have been made so that the Business Partner form can be called from the JSP tree-view by specifying application code as well. This is needed because the form may behave differently based on where it is called from (PM, AP...). By default, when the form is attached it will show buttons applicable to PM. To get the additional buttons applicable to the AP module for instance, additional parameters are required.

For example, calling the Business Partner form from the AP application, the user would enter:

BPBPFM&otherparams=P_APP_CODE=AP

See the screen print below.



Remaining Amount Tracking – Subcontract vs PCI (11.60301)

Introduced the following functionality related to PCI's and Subcontracts that are linked to bid items:

a) A **[Select PCI's]** button added to the Subcontract Header screen to allow PCI lines to be selected into base subcontracts (similar to what is done for subcontract change orders).

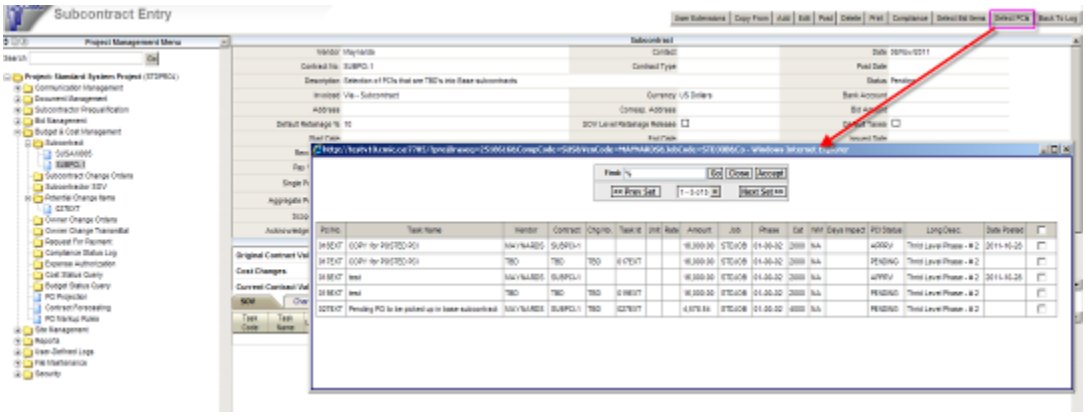
b) Added functionality to create additional lines (for Remaining Amount after subcontract purchase) in a posted PCI that is associated with a bid item, when the bid item is not fully purchased (i.e. 'Fully Purchased' flag is not checked). The Remaining Amount is the difference between the Budget Amount and the Purchase Amount.

c) WBS fields are now displayed in the subcontract SOV, but are display-only.

Details of (a) and (b) are outlined below.

A) Selecting PCI Lines into Base Subcontracts

A new button **[Select PCI Lines]** has been added in the Subcontract Entry screen (once the SC header record has been saved).



When pressed, the system will present a multi-select LOV with all available PCI detail lines: regular (non-TBD) and “TBD”.

The system will only query those PCI detail lines where job code is either equal to the subcontract header job code or its sub-job.

If the subcontract master job is BALMORAL, the LOV will show the PCI detail lines for BALMORAL and its subjobs (e.g. BALMOR.01, BALMOR.02…)

The PM Control flag "***Allow Unposted PCIs To Be Assigned To Subcontract CO***" will control whether the un-posted PCI records are shown in the LOV or not.

Upon [Accept], the selected PCI detail lines will be pulled into the base subcontract schedule of values.

The "TBD" values for Vendor/Contract/Change will be substituted with values from the current subcontract.

Task ID: If the task is specified on a PCI detail line, then that code will be used. Otherwise, if the Task ID = TBD, then the value will be replaced by the PCI No.

Once the SOV lines are created, the following fields will be protected against update:

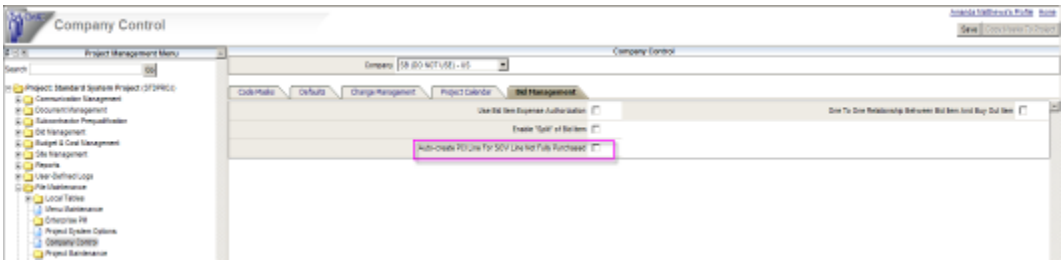
- Task Code
- Job
- Phase
- Category
- WM

Deletion/Unlinking of schedule lines linked to PCI details

Upon deletion of an SOV line that is associated to a PCI detail, the link will be removed and the PCI line will become available to be selected to the same contract.

Please note that this is also true for the PCI lines that were originally TBD – they will be locked to the contract that they were initially selected into (after the TBD lines get pulled into a subcontract, they become regular PCI detail lines linked to SOV records and are treated as such).

(B) Creating PCI detail lines for Remaining Amount after subcontract purchase (posting)



Added the flag '**Auto-create PCI Line For SOV Line Not Fully Purchased**' to the Company Control – Bid Management tab. By default, the flag is un-checked. If the flag is un-checked, no additional lines will be created in the PCI.

This flag is used in relation with the '**Enable Split of Bid Item**' flag, so the latter **must** be checked when you check the 'Auto-create PCI Line For SOV Line Not Fully Purchased'.

When checked, it controls the creation of additional lines in a posted PCI during subcontract posting, if the subcontract SOV line is not **fully purchased** when compared with the PCI Estimated Amount for the PCI detail line that it is linked with.

For **non-OBC** type PCI's, the additional lines created in the PCI details will have TBD in the vendor/subcontract/chg code and will be available for selection in subcontract base contracts or change orders. When selected, the PCI detail will be updated with the vendor/subcontract/chg code.

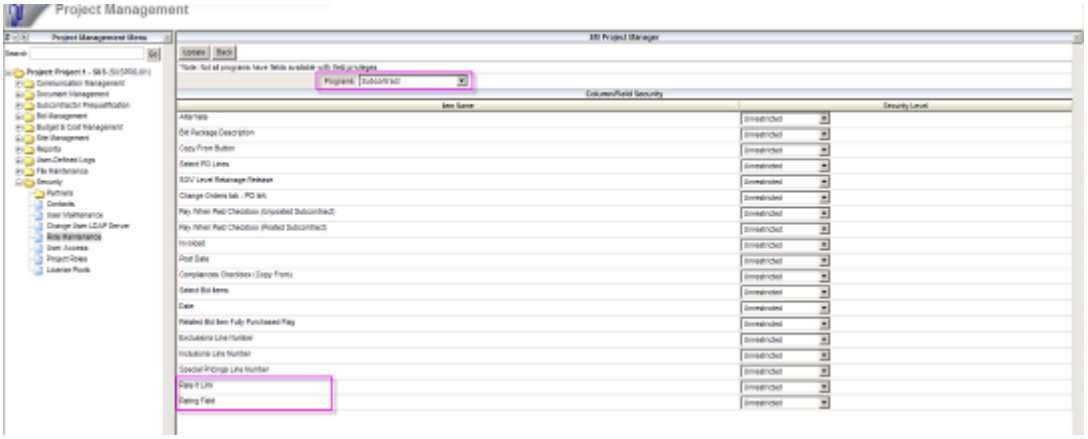
For **OBC type** PCI's, the vendor/contract/chg code fields will remain null in lieu of 'TBD'

In the posted PCI, the Billing Amount is 0 for the new lines created, and the Final Amount is the difference between the subcontract detail line amount and the linked PCI detail line Estimated Amount.

The Process Overview

The process is that the bid item is initially linked to a PCI (any type: OBC, EXT, INT, TRF). The PCI is posted to update the cost budget. When subcontracts are later purchased against the bid item, as long as the bid item is not Fully Purchased, the summary Estimated Amounts of the bid item and its secondary bid items must equal the summary Final Amounts of all the PCI lines in the Posted PCI.

'Rate It' feature in Subcontract JSP (11.58143)



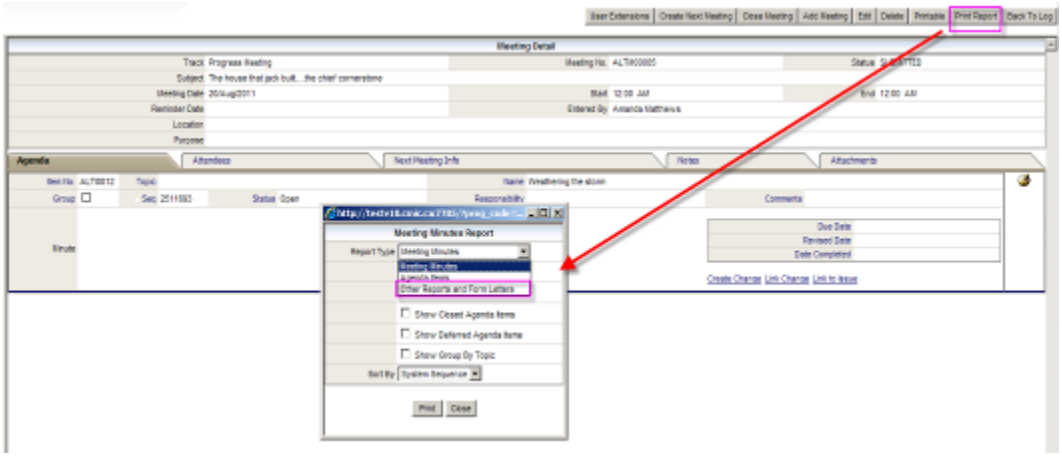
The 'Rate It' feature has been added to the Subcontract header. The link has underlying field security on the user roles, and is initially set to 'Hidden'.

Field security can also be applied to the 'Rating' field. Possible value is 'Unrestricted' or 'Read-only'. The default value is 'Unrestricted', to preserve original functionality.

When the 'Rate It' link is used, it updates the subcontractor Rating based on the setup in the Subcontractor Prequalification module (Subcontractor rating Setup).

The **average rating for posted subcontracts** value is displayed in the Invitation to Bid program (Forms and JSP), if the subcontractor is selected as a bidder. This is standard functionality that has not been changed.

Meeting Minutes – Printing Form Letters (11.59452)



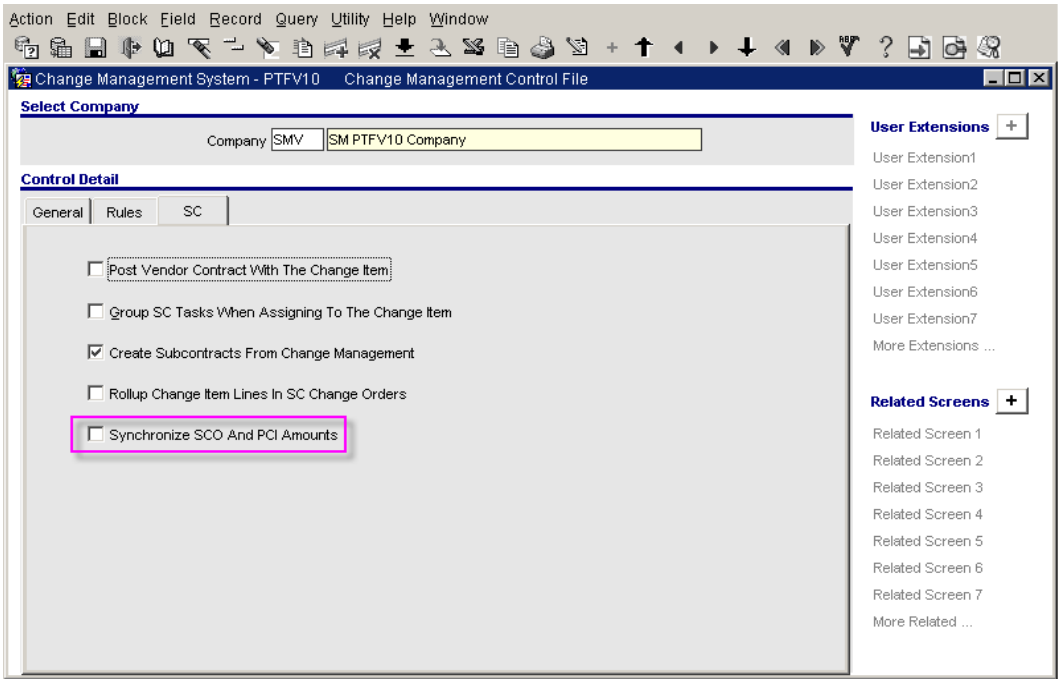
In Meeting Minutes, changes have been made to the Print popup to allow printing of Form Letters that are defined on Meeting Minutes. The dropdown list of reports will now contain the following items:

1) Standard Reports (Agenda Items, Meeting Minutes): the functionality behind these is preserved

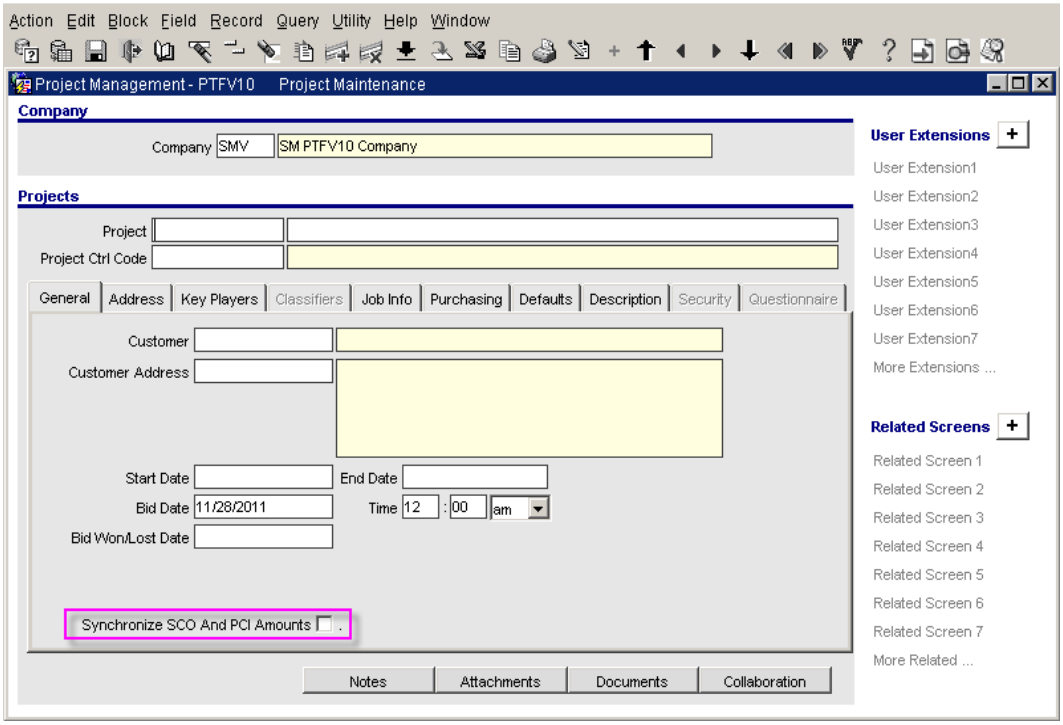
2) Additional item "Other Reports and Form Letters", which will navigate to the standard report popup, used by all other programs where "Print" button is available

When this option is selected, the next popup shows the different report types: standard, custom reports, form letter based.

Subcontract CO Amount Synchronized with PCI Detail (11.61049)



The new checkbox '**Synchronize SCO And PCI Amounts**' has been added to the SC tab of the Change Management Control File. By default, the checkbox is un-checked. It is a default value that when set is inherited by the Projects subsequently created for the company:



The inherited value can be overridden in the project (General tab).

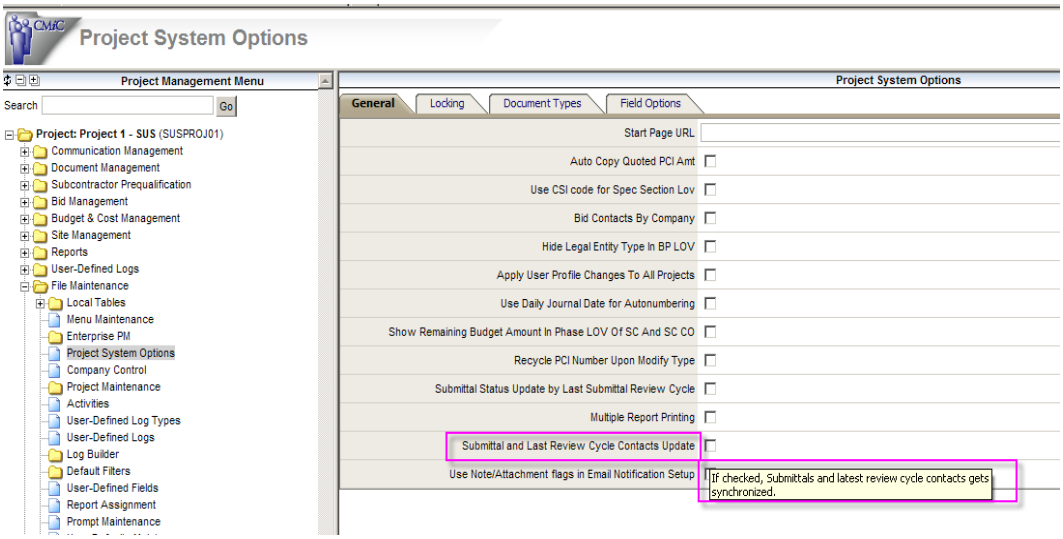
When this flag is checked on the project, if a PCI is created, any subcontract change order associated with the PCI detail line will not allow editing of the Amount that is passed from the PCI to the subcontract change order. Additionally, the PCI Amount is not updated by any T&M Allowance amounts updates.

If the subcontract change order Amount is modified, that amount is passed back to the PCI detail line.

If the subcontract change order is posted and linked to a PCI line detail, all cost budget dollar amounts (Estimated, Quoted and Final) for that PCI line is locked.

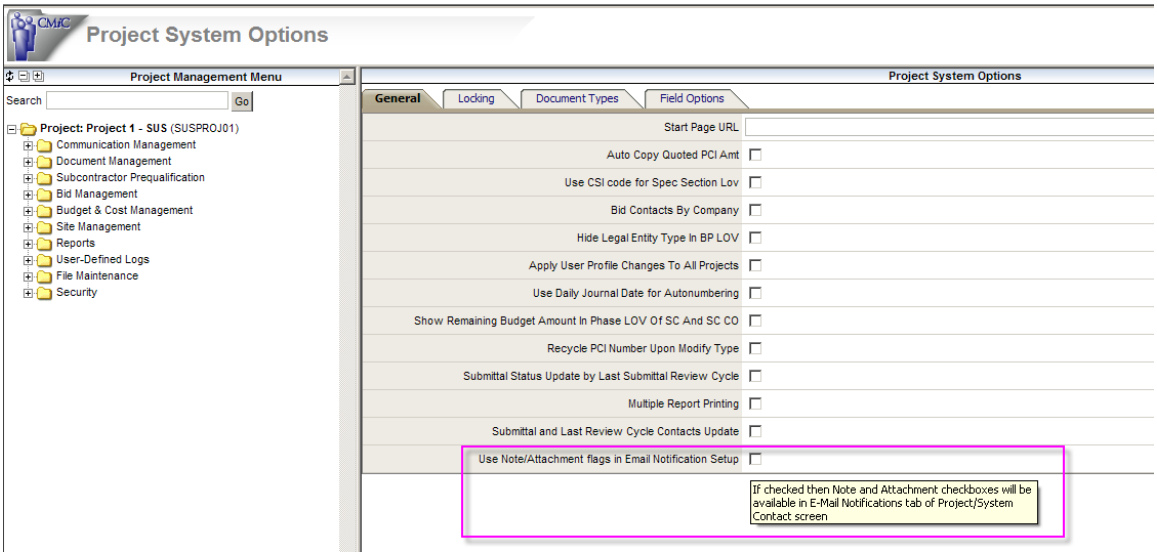
NOTE: This functionality is currently only applicable to the FORMS version.

Submittal Header and History - Synchronization of Contacts
(11.63397)

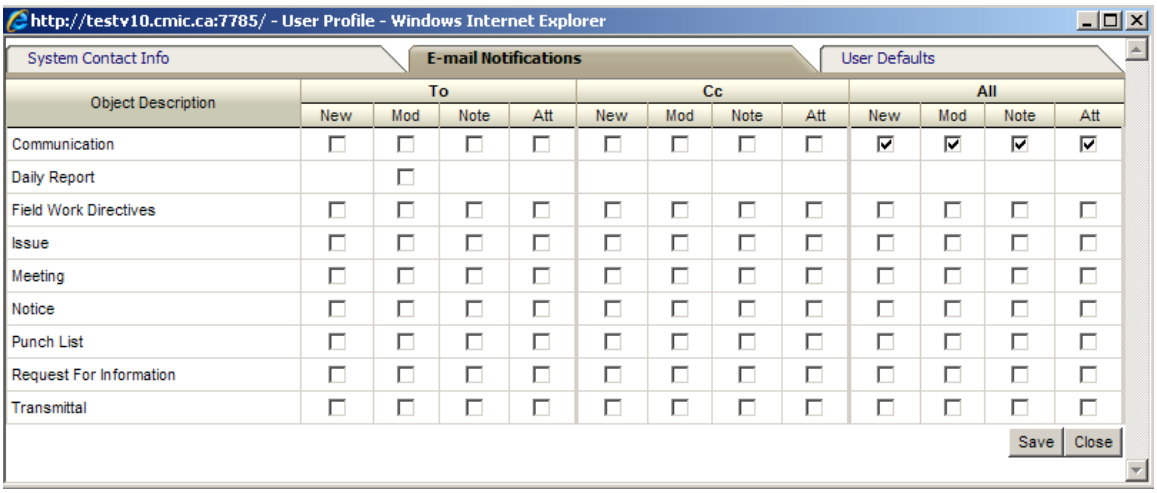


The flag '**Submittal and Last Review Cycle Contacts Update**' has been added to the Project Systems Option – General tab. By default, this flag is un-checked. When checked it will synchronize any updates in the contacts for the submittal header and the History tab for the latest review cycle.

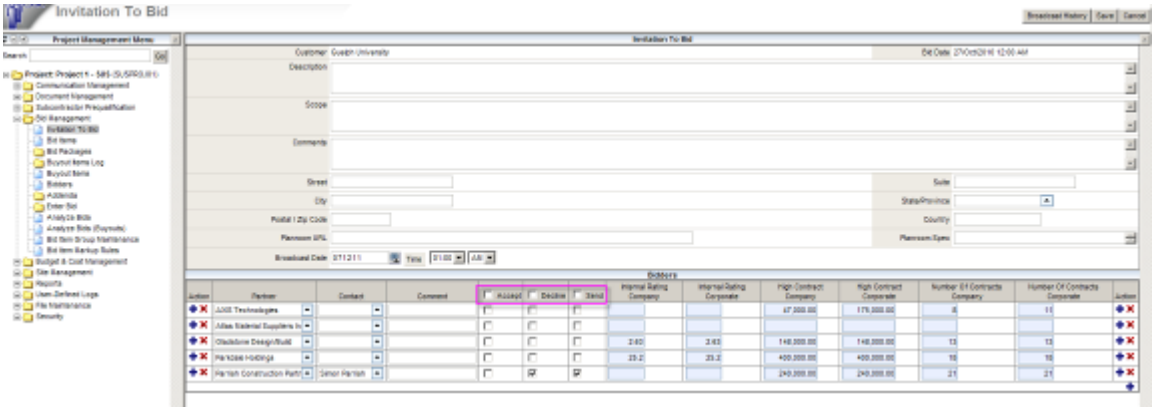
Contacts Email Notification Setup for Notes and Attachments
(11.63397)



Added the flag '**Use Note/Attachments flags in Email Notification Setup**' to the Project Systems Options - General tab. By default this flag is un-checked. When checked, the drop-down boxes in the Email Notifications tab of contact entry (Project Contact or System Contact) are replaced by check boxes. In addition, there are checkboxes for indicating whether an email notification must be sent when a Note or Attachment is added to the object:

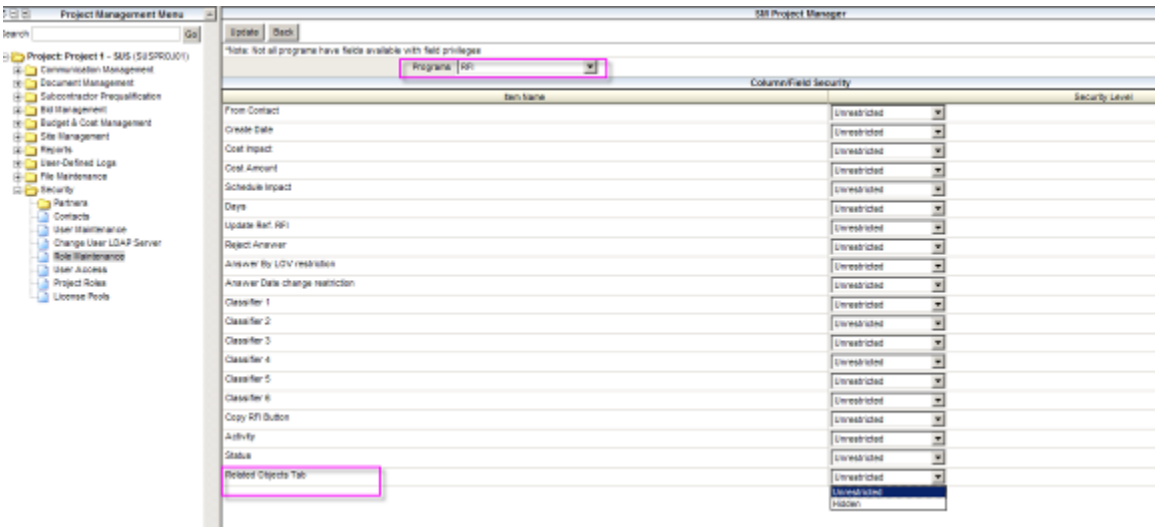


‘Select All’ Checkbox Options for Invitation to Bid (11.62493)



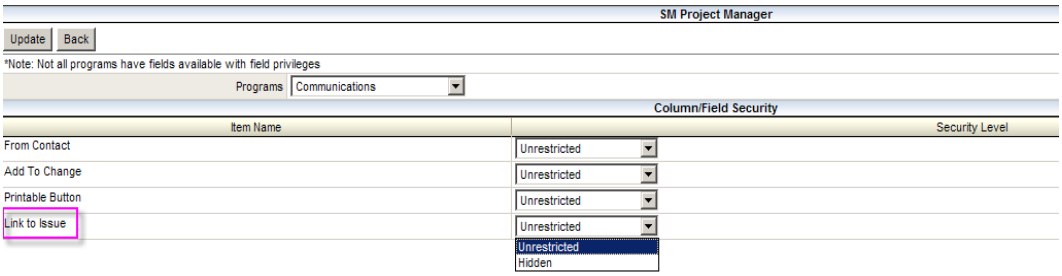
‘Select All’ checkboxes for ‘Accept’ Decline’ and ‘Send’ have been added to the Invitation to Bid (ITB) screen. These checkboxes are only visible and available in ‘Edit’ mode. They allow the selection of all records especially in the case where there is a large number of bidders to whom the ITB must be sent.

Field Security for RFI – Related Objects tab (11.63927)



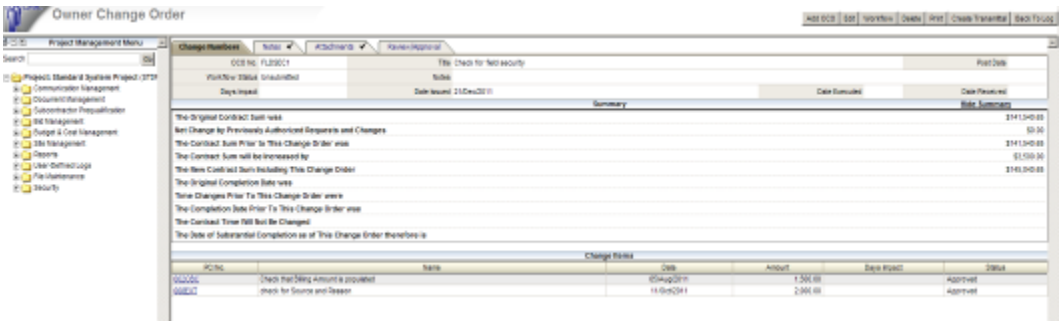
Added field security for RFI Related Objects tab. The default setting is 'Unrestricted'.

Field Security for [Link to Issue] button (11.63864)

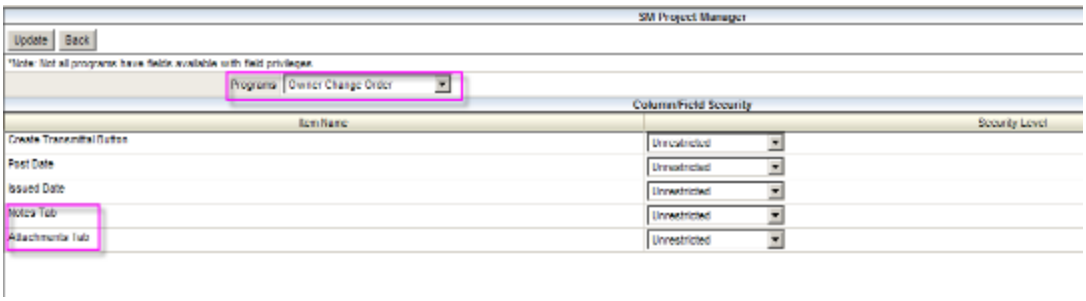


Field security can now be applied to the [Link to Issue] button in the following screens: Communications, RFI's, Transmittals, PCI's, Field Work Directives, Notices, Daily Journal, Owner Change Transmittals.

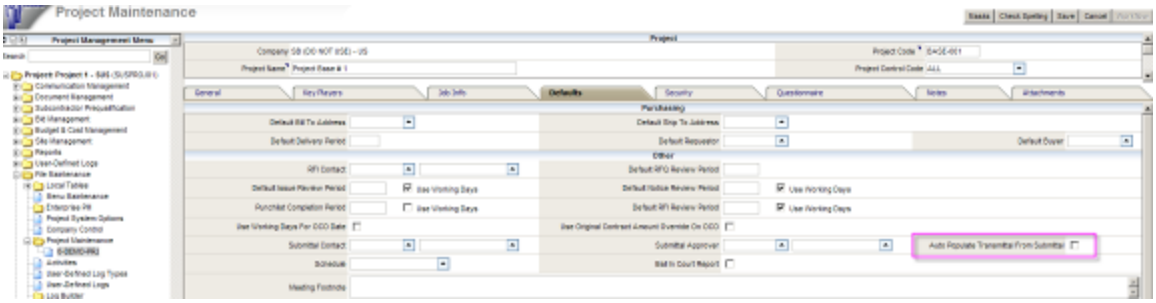
Notes and Attachments tabs for Owner Change Orders(11.60560)



Notes and Attachments tabs have been added to the Owner Change Order screen. Field security can be applied to the two tabs:



Auto-Populate Transmittal Content and Actions from Submittal(11.63513)



Added the flag '**Auto-Populate Transmittal from Submittal**' to the Defaults tab of the Project Maintenance screen. By default the flag is un-checked. When checked it ensures that the content and actions from the Submittal is populated into the Transmittal that is created from it.

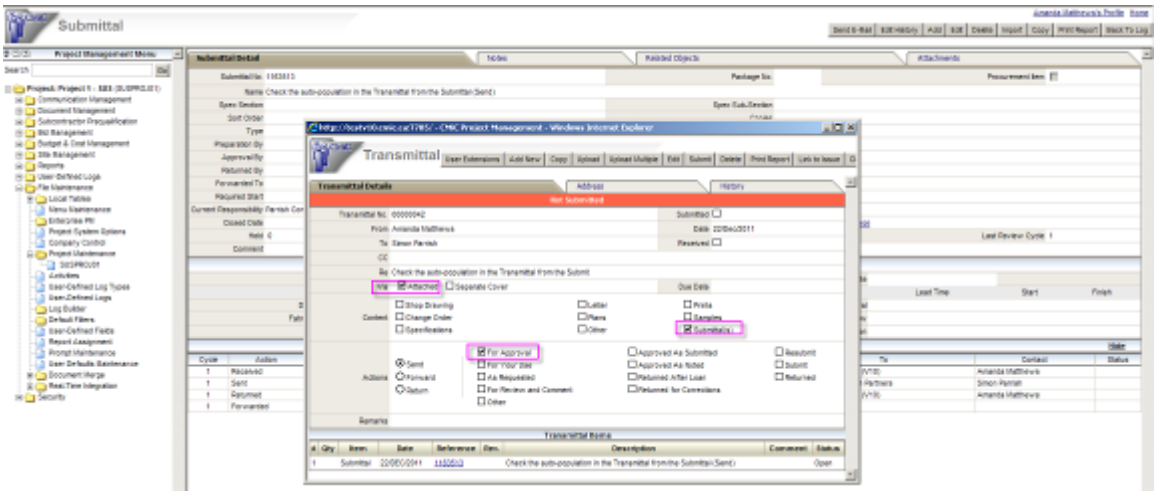
The following outlines the updates that will take place.

When the Submittal Action is '**Sent**',

i) The Via checkbox is checked for 'Attached'

ii) The Content checkbox for Submittal(s) is checked

iii) The Actions checkbox 'For Approval' is checked. See screen print below.



The Via and Content settings are kept in the resulting transmittal when the collaborator [**Returns**] or [**Forwards**] the **transmittal**. The Action can be manually updated to an appropriate setting.

When the Submittal Action is '**Forwarded**',

i) The Via checkbox is checked for 'Attached'

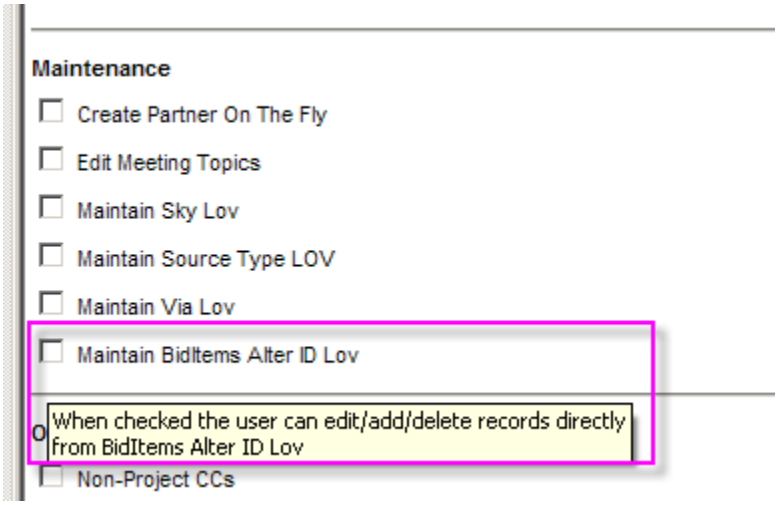
ii) The Content checkbox for Submittal(s) is checked.

iii) The Actions checkbox value 'Approved as Submitted' for the new transmittal is the same as for the Actions checkbox in the previous transmittal [**Return**] from the collaborator.

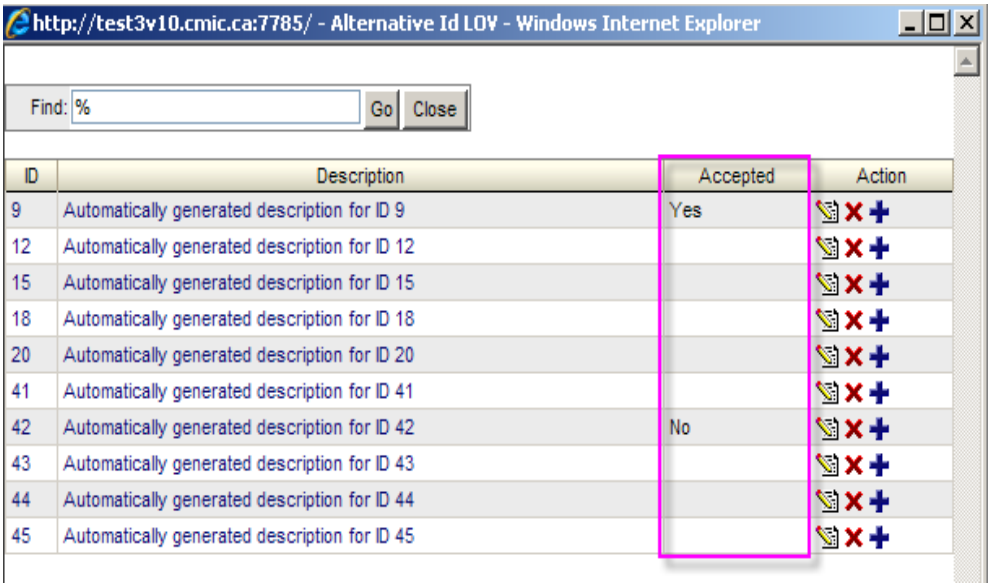
Project Role Privilege to Maintain Bid Item Alternate ID (11.62558)

The following enhancements have been made in relation to the bid item Alternate ID field:

- Added the project role privilege '**Maintain Bid items Alter ID Lov**' for adding, editing or deleting Alternative IDs:

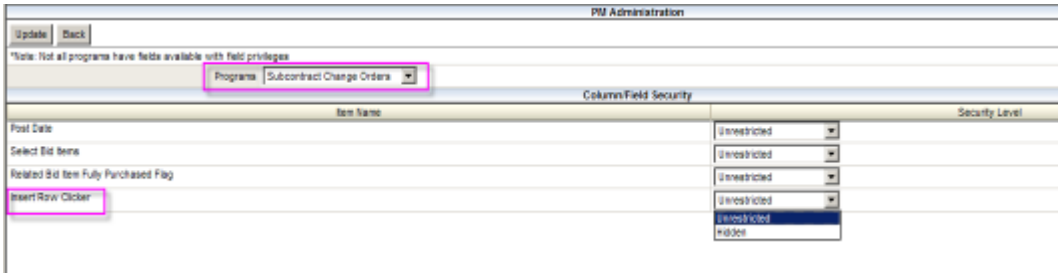


- Added the **Accepted** column to the Alternate Id LOV, for view mode (it was already available in add/edit modes):



ID	Description	Accepted	Action
9	Automatically generated description for ID 9	Yes	
12	Automatically generated description for ID 12		
15	Automatically generated description for ID 15		
18	Automatically generated description for ID 18		
20	Automatically generated description for ID 20		
41	Automatically generated description for ID 41		
42	Automatically generated description for ID 42	No	
43	Automatically generated description for ID 43		
44	Automatically generated description for ID 44		
45	Automatically generated description for ID 45		

Field Security for the ‘Insert’ Icon in Subcontract Change Orders (11.63377)



Field security can now be applied to the 'Insert Row' icon in the schedule of values section of the Subcontract Change Orders screen. The default value is ‘Unrestricted’.

Field Security for the [Link to Issue] Button (11.63864)

Added field security for the [Link Issue] button in most PM objects.

Line # Editable for Incl, Excl, Spec. Pric. - Bid Packages (11.61596)

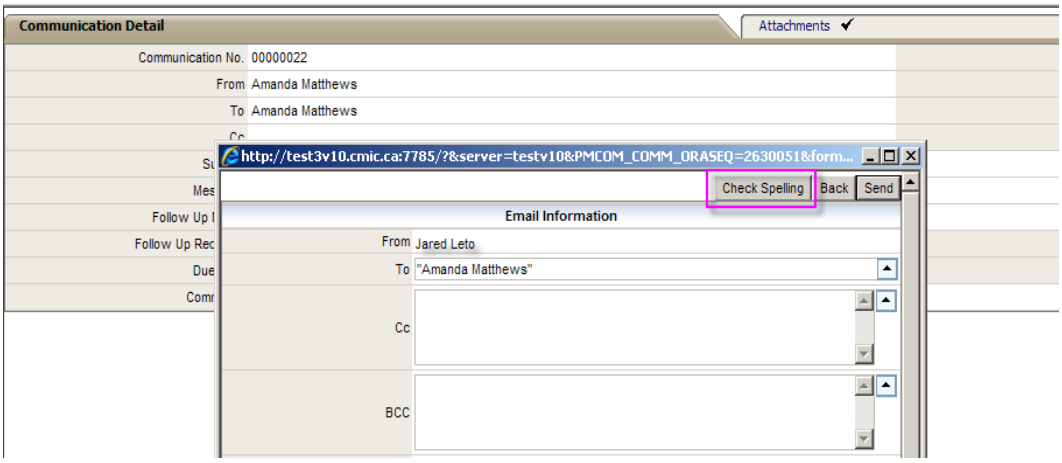
Modified Bid Packages so that line numbers for Inclusions, Exclusions, Special Pricing can be edited.

Field Security for Curr. Est. Savings and Excl. Flag – Bid Packages (11.62866)

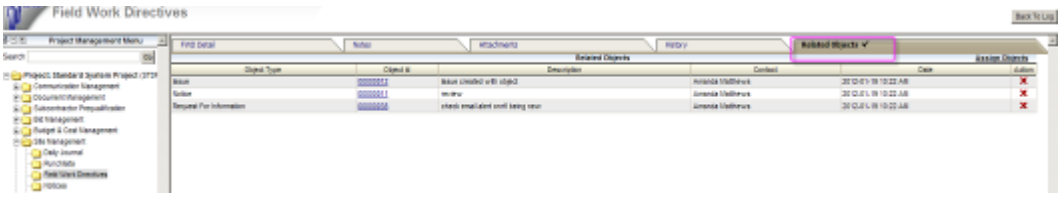
Added field security for two fields on the Bid Package – Buy Out tab: Current Estimated Savings and the ‘Exclude From Forecast’ flag.

Spell Check added to Print to Email popup (11.55642)

Added **[Check Spelling]** button to the popup window when printing to email:

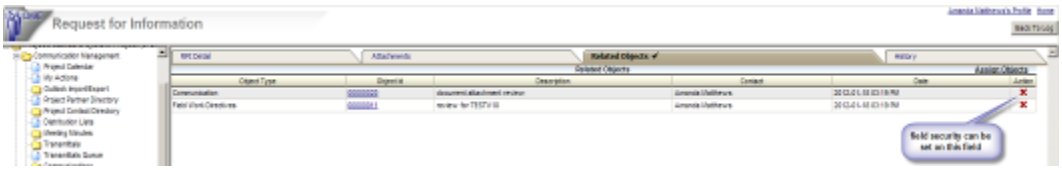


Related Objects tab for Field Work Directives (10.45576)

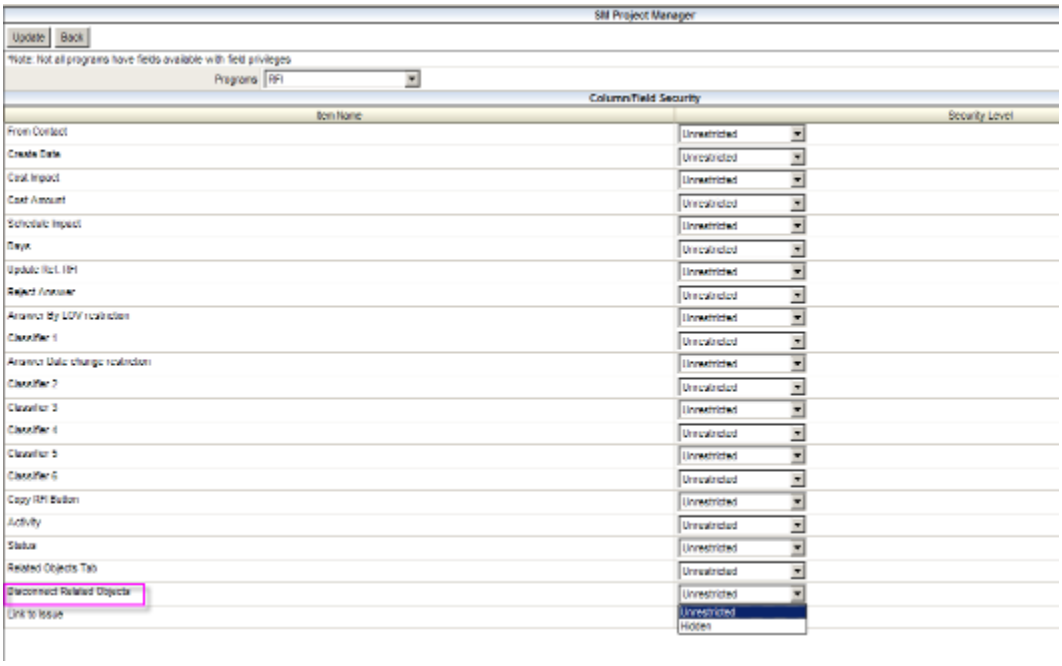


Added a Related Objects tab to the Field Work Directives screen.

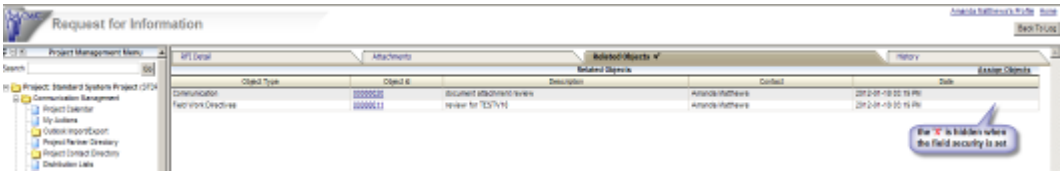
Disconnect Related Objects from RFI's/Submittals (11.63929)



Field security can now be applied to the 'Action' field (Disconnect Related Objects) of Related Objects in the Related Objects tab of RFI's and/or Submittals. The field security on these programs can be set against the field '**Disconnect Related Objects**'. The possible setting is 'Unrestricted' or 'Hidden'.



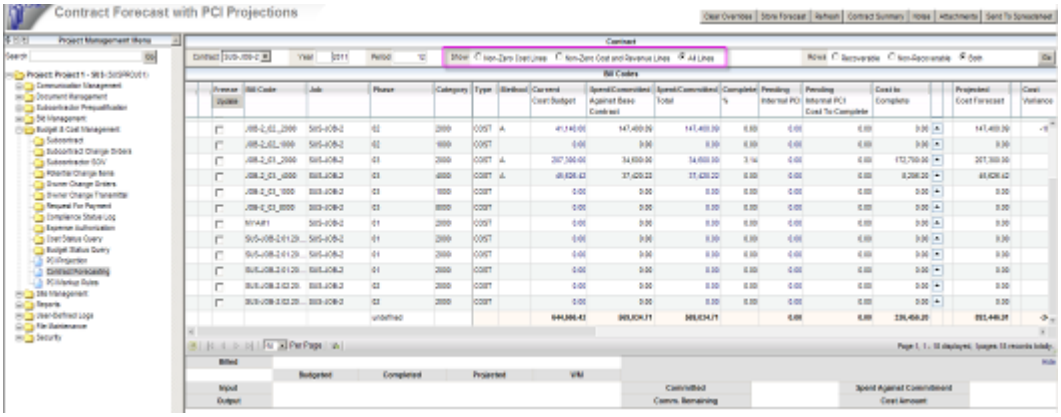
When set at 'Hidden', the icon in the Related Objects tab of RFI's and/or Submittals is no longer available, so the user cannot 'disconnect' related objects from RFI's and/or Submittals.



Field Security for Contact Name – Project Contact Directory (12.65471)

Field security can now be applied to the Contact Name in Project Contact Directory (settings - Unrestricted /Read-only).

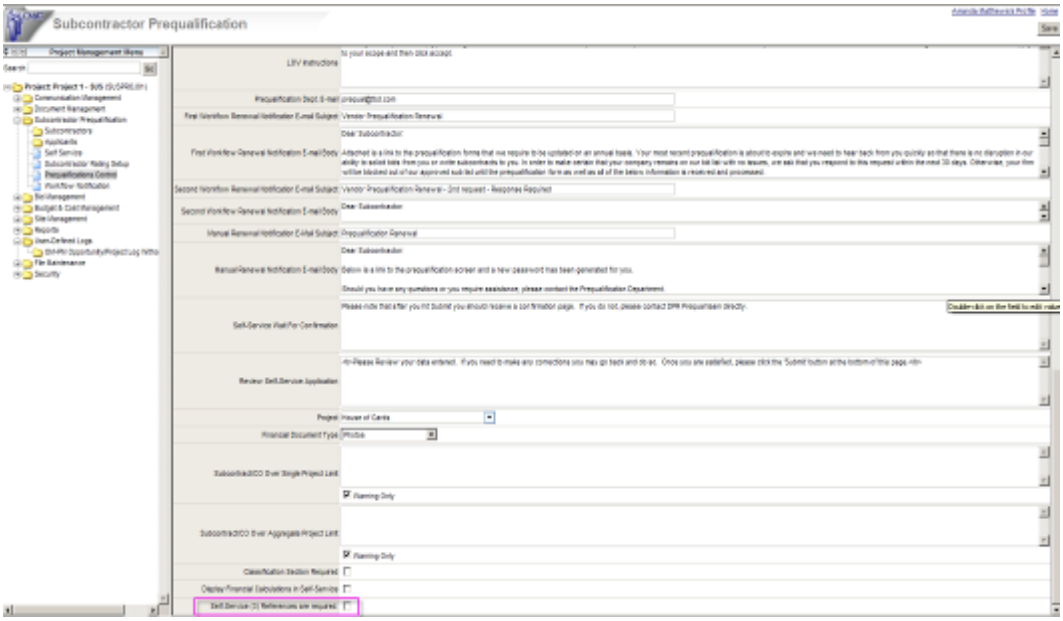
Contract Forecast with PCI Projections – Radio Buttons (11.55114)



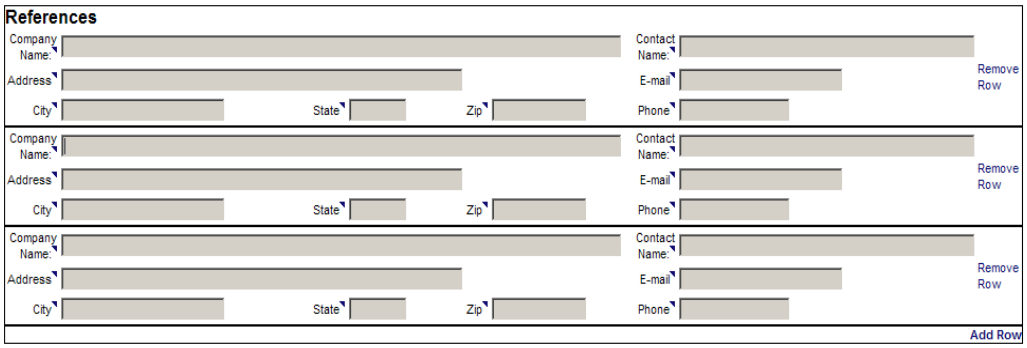
Modified the selection of forecast lines based on radio button options. The 'Show Zero Dollar Lines' checkbox has been replaced with 3 radio buttons:

- Show Non-Zero Cost Lines.
- Show Non-Zero Cost and Revenue Lines.
- Show All Lines.

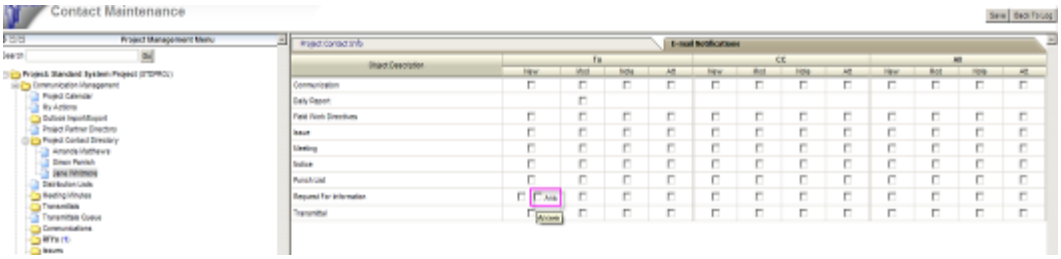
Subcontractor Prequalification – Control Flag to Make References Mandatory in Self Service (11.60830)



Added the '**Self Service (3) References Mandatory'** flag to the Subcontractor Prequalification Control File. When the flag is checked all the fields in the first 3 sections of the REFERENCES area of Self Service are mandatory. Any additional references are not mandatory.



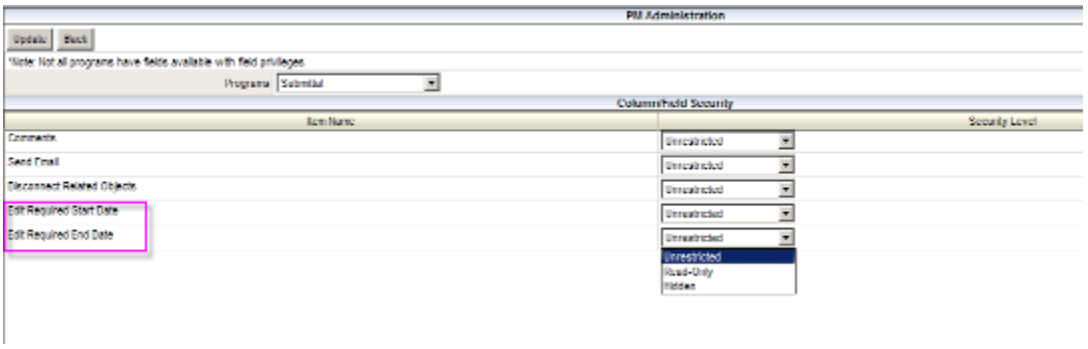
Email Preferences for RFI Answer (11.62593)



Added an additional checkbox against RFI in the Email Preferences of the Project Contact to indicate whether the contact should receive an email notification when an **RFI is answered** and the contact is the 'To' contact on the RFI.

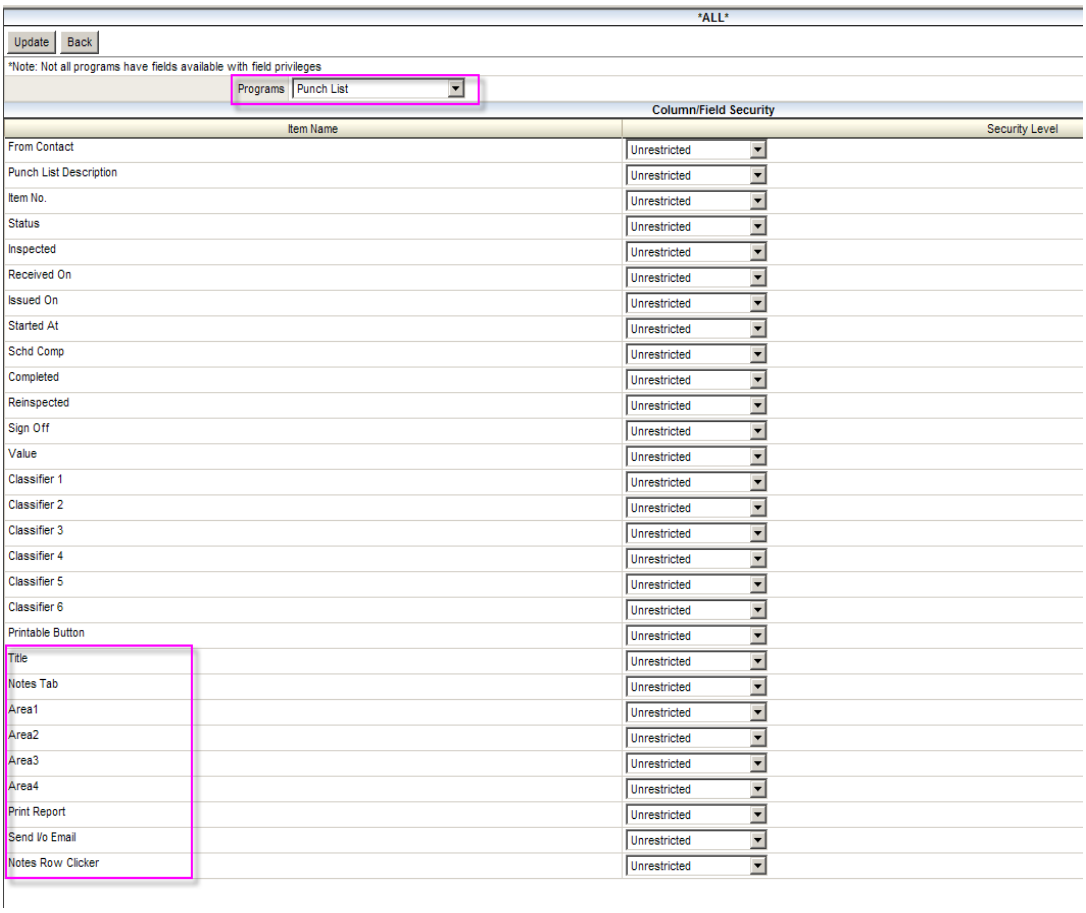
This checkbox, like the others, is only available when the PM Systems Options flag '**Use Note/Attachment flags in Email Notification Setup**' is checked.

Field Security for Required Start and End Dates - Submittals (11.64352)



Added field security for Required Start Date and Required End Date for Submittal.

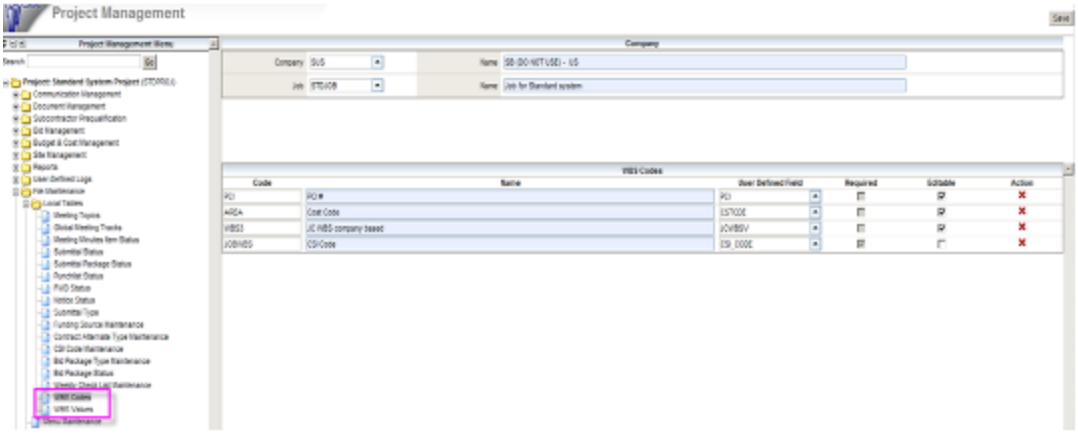
Field Security for Punch List Fields (11.61976)



Added field security to the following Punch list objects:

- header Title
- header Notes tab
- header Area fields
- Print button
- I/O Email button
- detail Notes tab

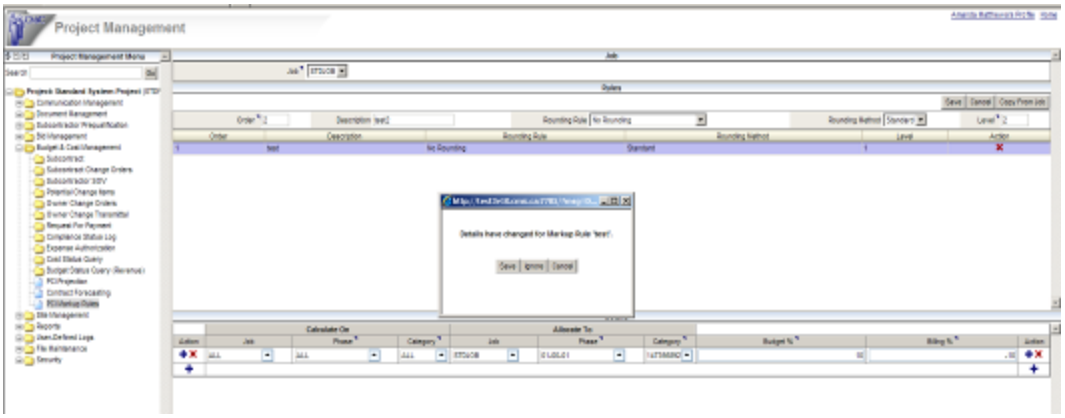
WBS Codes/Values Maintenance in PM JSP (12.65417)



The maintenance of WBS Codes and WBS Values has been added to PM JSP. The new maintenance screens are located under the File Maintenance node of the PM JSP tree-view.

In the JSP version of WBS Codes Maintenance, the Job field has been introduced to support job-specific WBS codes.

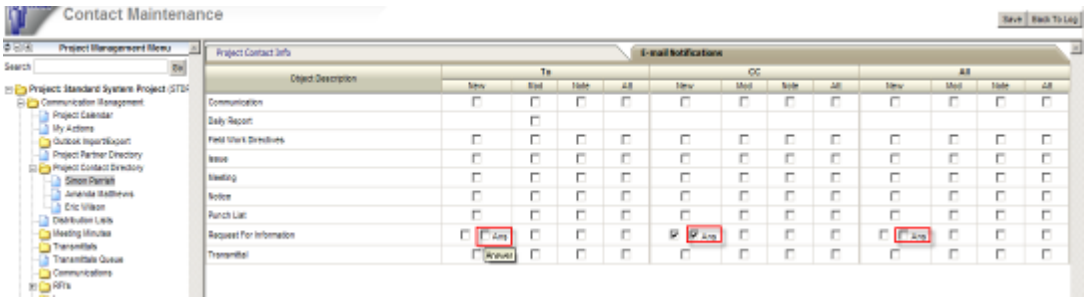
PCI Markup Rule – Confirmation of Changes Made (11.62932)



Modified PCI Markup Rules to open a confirmation popup when markup detail(s) have changed and before explicitly saving, and user then clicks on a different markup rule.

- **Save** = save the changes and then proceed to the user selection
- **Ignore** = do not save the changes and load the markup rule the user selected
- **Cancel** = cancel the action (remain on the current line)

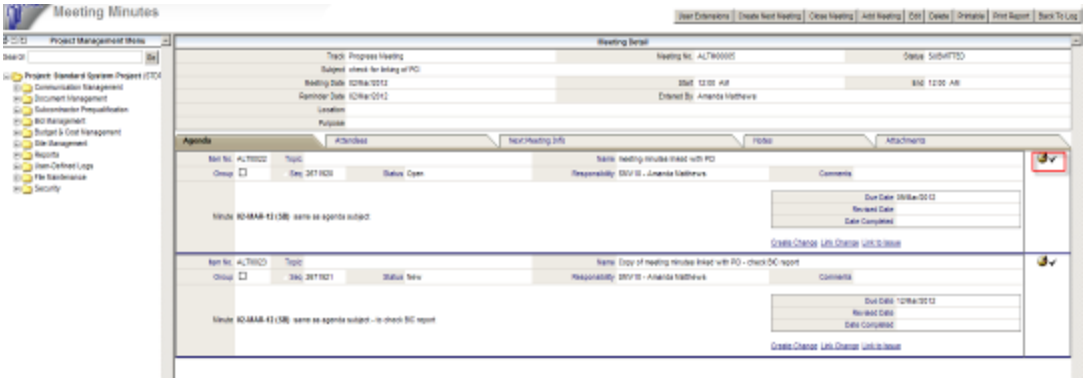
Email Preferences for RFI Answer (11.62593)



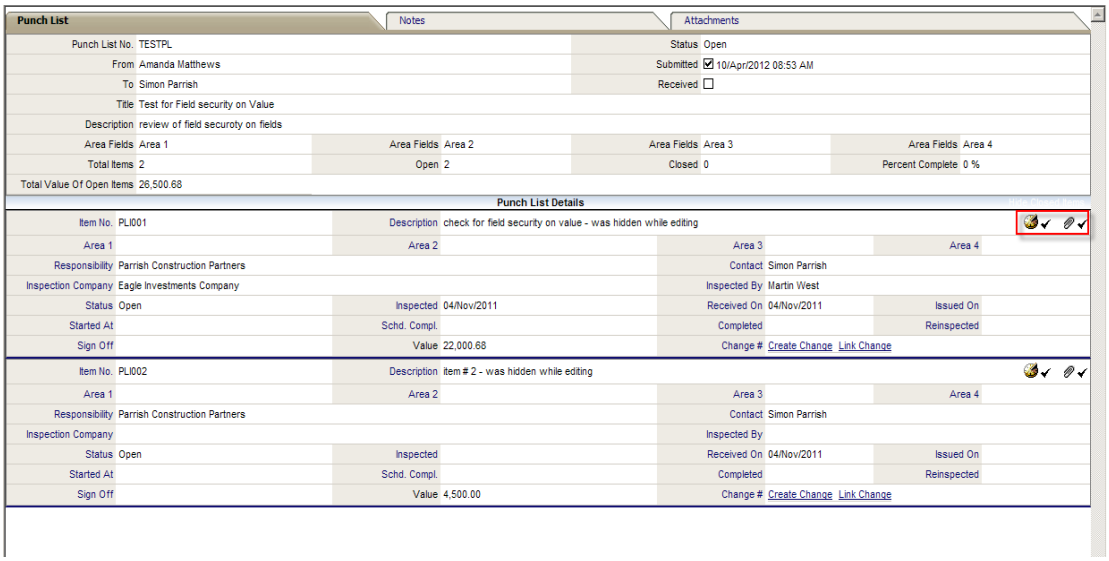
Added an additional checkbox against RFI in the Email Preferences of the Project Contact to indicate whether the contact should receive an email notification when an **RFI is answered** and the contact is the 'To' or 'CC' or 'All' contact on the RFI.

This checkbox, like the others, is only available when the PM Systems Options flag '**Use Note/Attachment flags in Email Notification Setup**' is checked.

Notes and Attachments Indicator for Agenda and Punch List Items (12.66452)

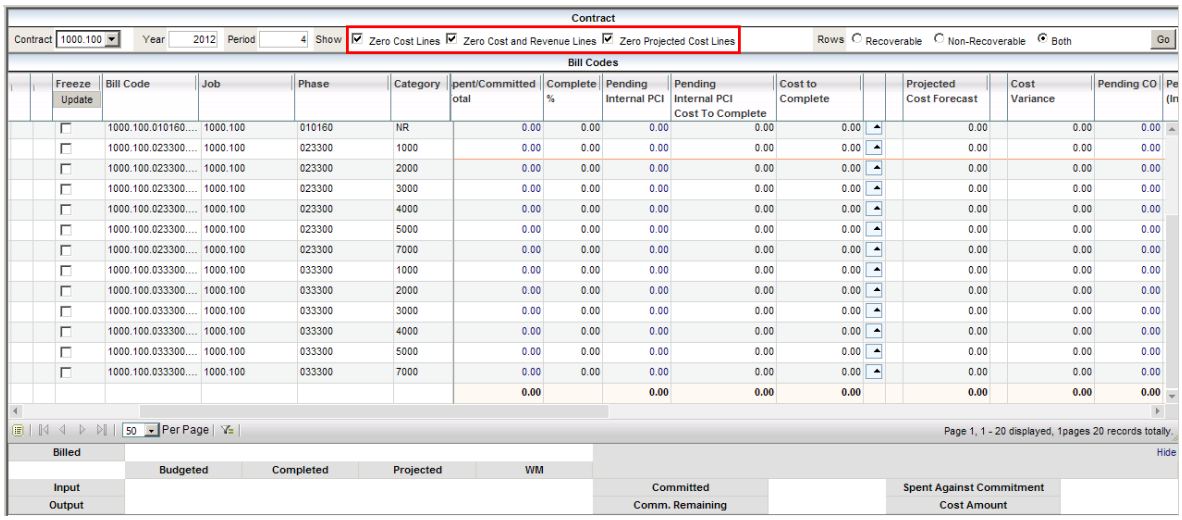


Added checkmark indicator if Meeting Minutes agenda item has notes or Punch List Item has notes or attachments..



The checkmarks will be visible once the record is refreshed.

Changes to Contract Forecast with PCI Projections (11.58055)



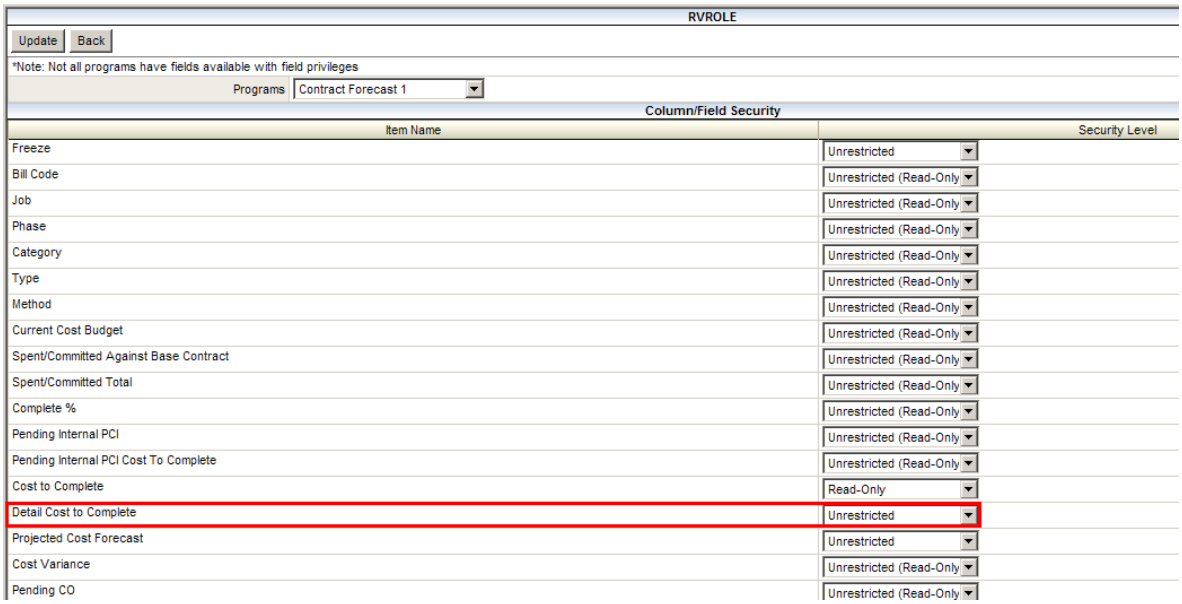
Changes to the Filters for displaying Billcode lines

The radio buttons to filter the billcode details have been replaced with checkboxes labeled “Zero Cost Lines”, “Zero Cost and Revenue Lines” and “Zero Projected Cost Lines” . This is to allow for more flexibility in displaying the Billcode details.

1) Default Value: None of the check boxes checked - Shows only Non-Zero lines

2) When checked.

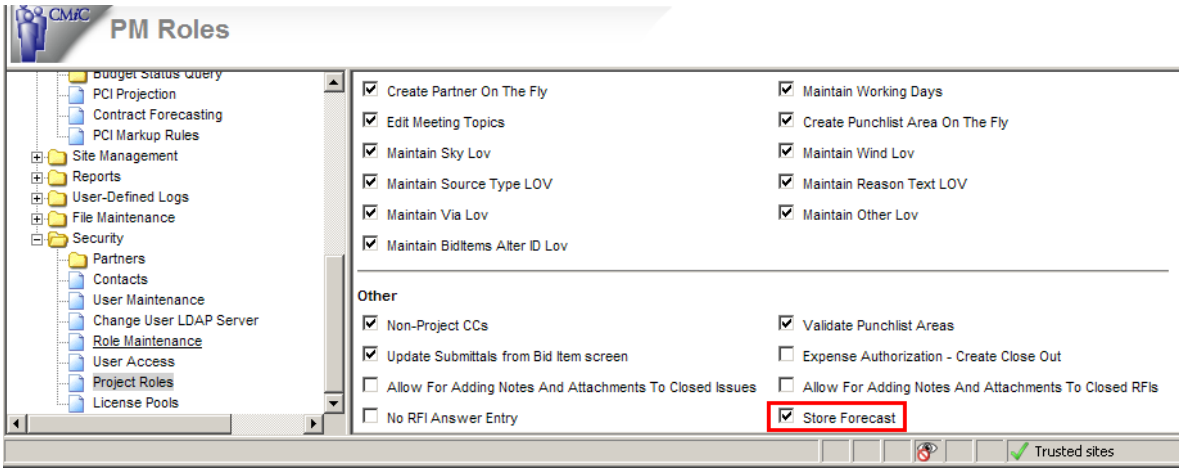
Zero Cost Lines	:	Show lines with 'Zero' cost
Zero Cost and Revenue Lines	:	Show lines with either 'Zero' cost or 'Zero' Revenue
Zero Projected Cost Lines	:	Show lines with 'Zero' Projected Cost



Field Security on Cost Detail popup

Field Security is added to the 'Detail Cost To Complete' column (button) in Contract Forecast screen. This is to add more flexibility in handling the 'Cost To Complete' overrides. This allows the users to set field security on the existing 'Cost To Complete' field, so that direct override into the field from main screen is NOT allowed, but the users are allowed to enter overrides using the Cost Detail popup.

PM Role Privilge on 'Store Forecast' button



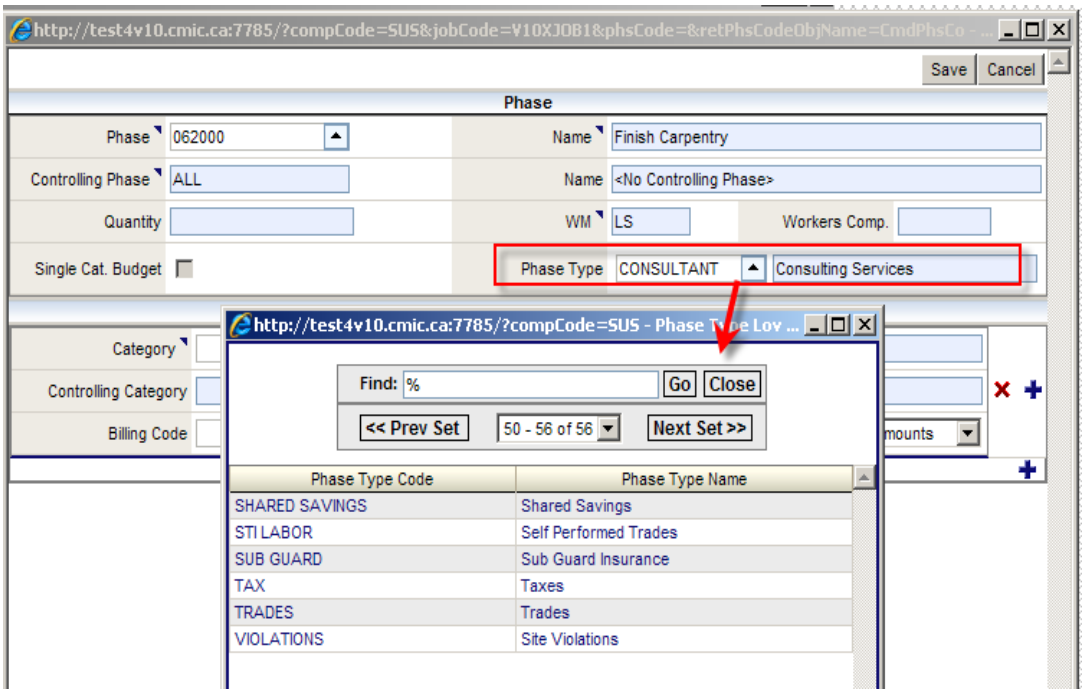
The 'Store Forecast' button in Contract Forecasting screen is visible to those users with the PM Role privilege set to 'Y'. The default is unchecked and the button will not be visible to any of the system users until assigned to specific roles.

Field Security for Fields/Buttons in Project Management (12.67495)

Added field security for the following fields/buttons in various screens:

- Project Maintenance – Project Control Code, Masks button
- Subcontract Entry – Free Form Tab
- Owner Change Orders – Edit button
- Document Packages – Transmit Package button

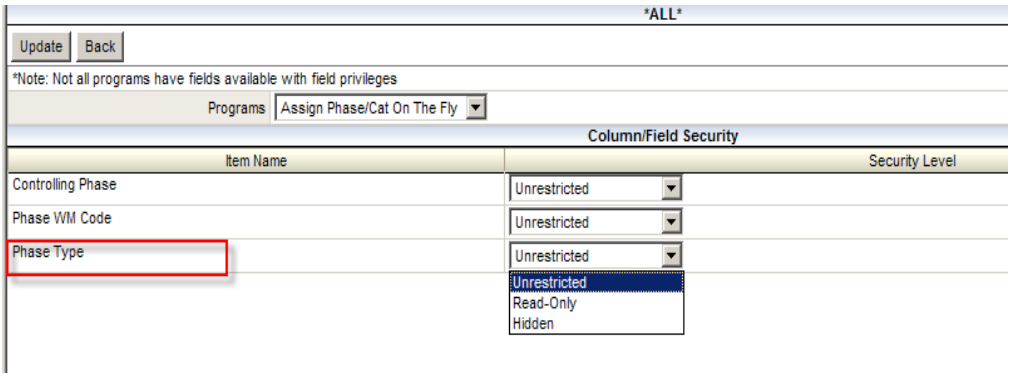
Phase Type Added to Phase/Category On the Fly (12.67583)



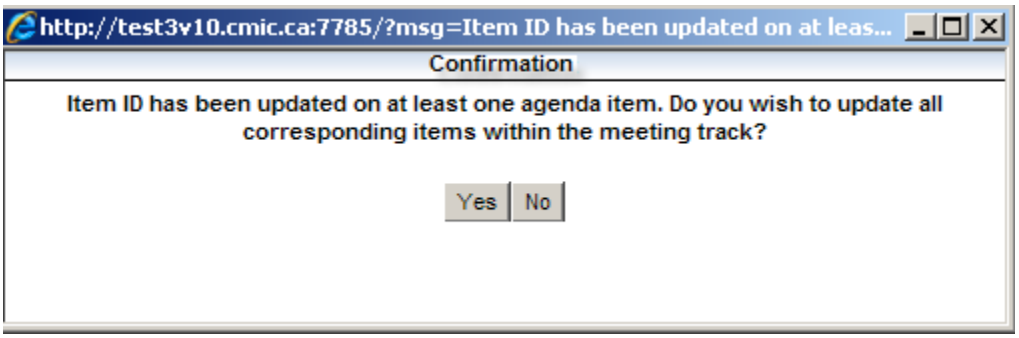
The Phase Type has been added to the 'Add Phase/Category on the Fly' popup window. The non-mandatory field is an LOV that pulls from the Phase Types set up in the FORMS *JC > Setup > Local Tables > Enter Phase Types.*

New phase types cannot be created in this popup window. It will pull the default phase type from the Phase Master for the phase entered. The user can override the phase type if a value other than the default is required, but this will not change the Phase Master.

Field security can also be applied to the Phase Type field in the popup window, if desired. The possible values are: Unrestricted, Read-only or Hidden. Unrestricted is the default setting.



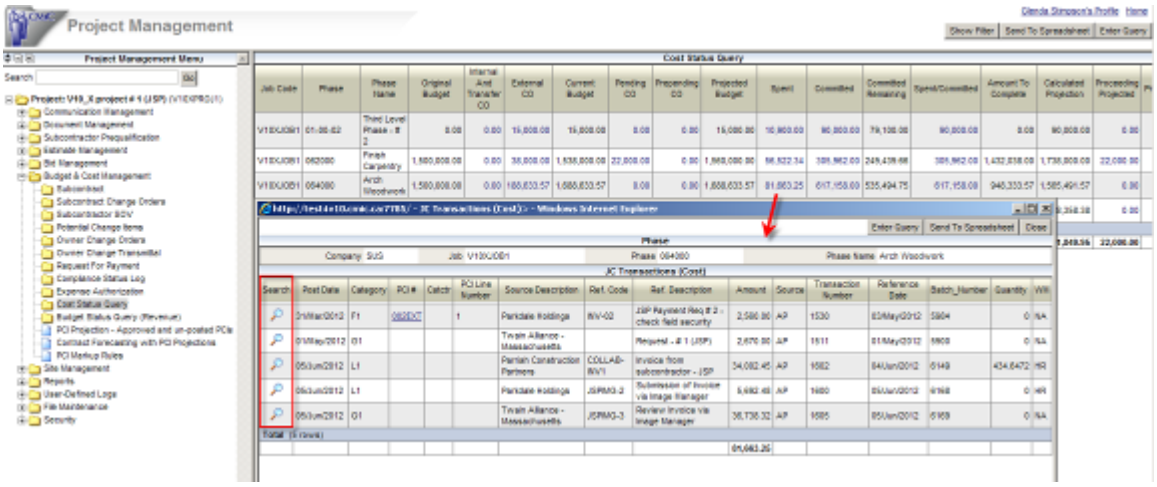
Agenda Item ID – Change Confirmation (11.64339)



An enhancement has been made to add a confirmation message when one or more Agenda Item ID's has been changed. When 'Yes' is chosen, the previous agenda item ID's are not displayed in the Agenda Item Report, but if 'No' is selected, the previous agenda item ID's are displayed in the report, thus maintaining the previous functionality as well.

This confirmation message is only applicable to the JSP version.

Image Link to Cost Status Query (11.62325)

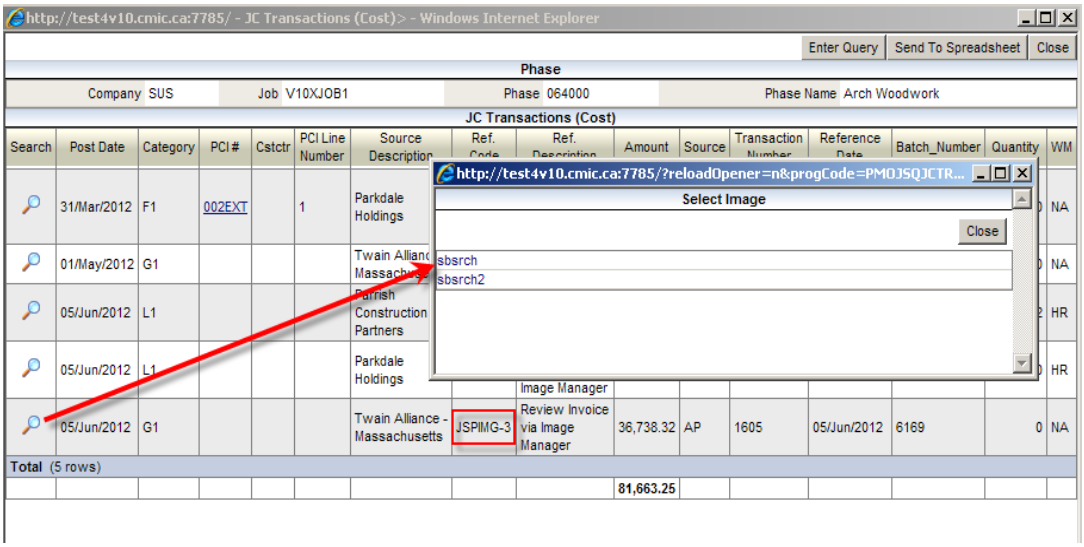


An image link from the Cost Status Query has been added to allow drill down right to the image of the invoice associated with the transaction.

The link to the invoice is accessed via the magnifying glass icon  in the Search column of the screen.

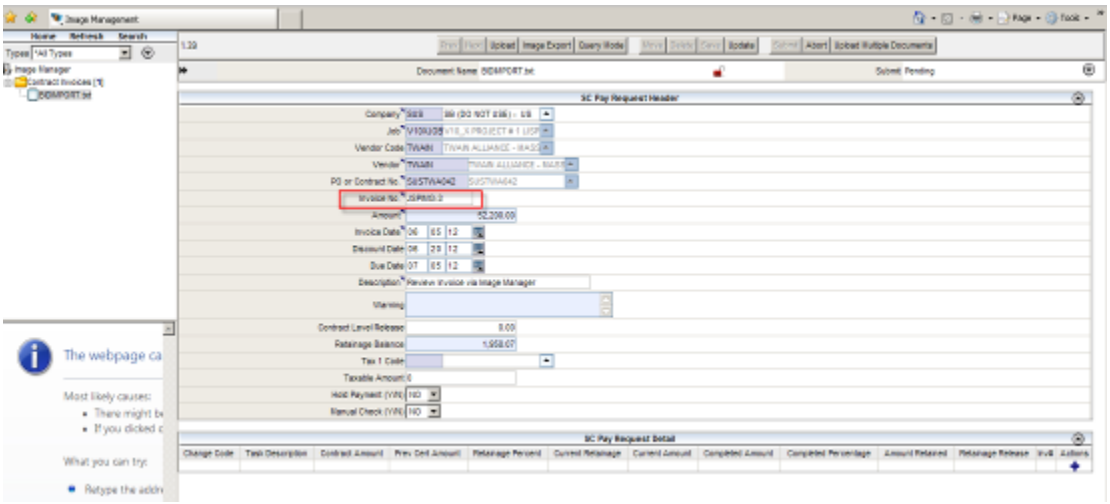
Clicking on the icon beside a transaction line will indicate whether or not there is an associated voucher.

If there is a voucher for the transaction, a popup window will display to show the active Image Searches that have been defined against the FORMS Job Cost – Transaction Query (since the detail level of the Cost Status Query is actually the JC Transactions):



Each Image Search is defined with different criteria for searching for images. Refer to the FORMS System Data Manual for further information on setting up image searches.

When the desired image search is selected in the popup window above, the image will be displayed in the Image Manager, along with the invoice record:

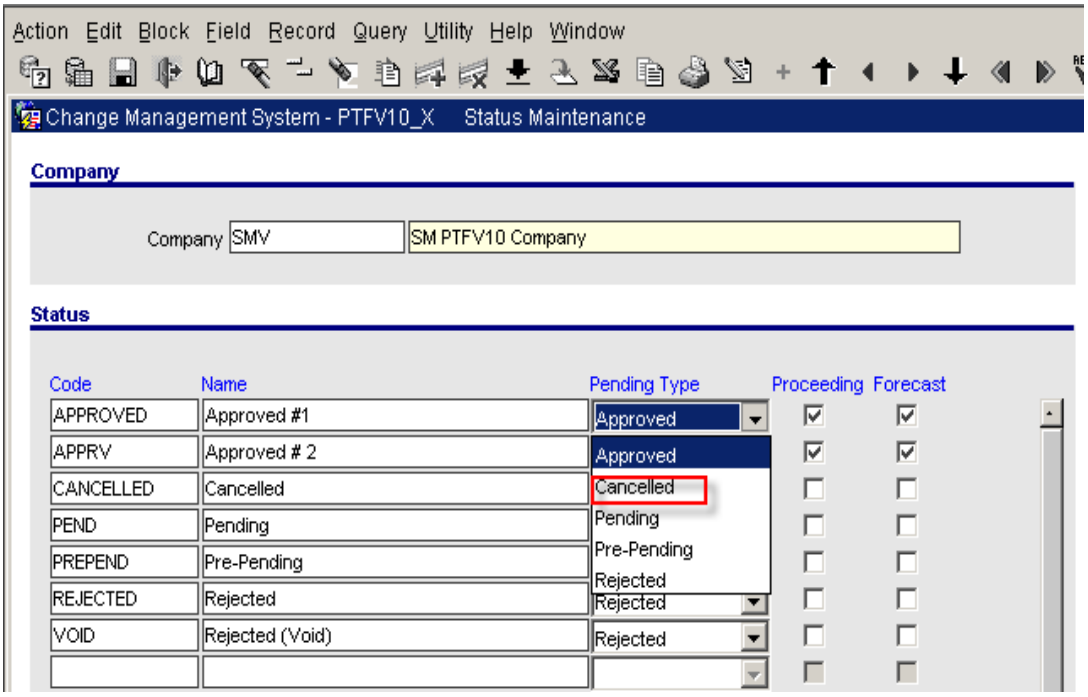


Separate Privileges for Post Subcontract and Post Subcontract Change Order (12.69354)



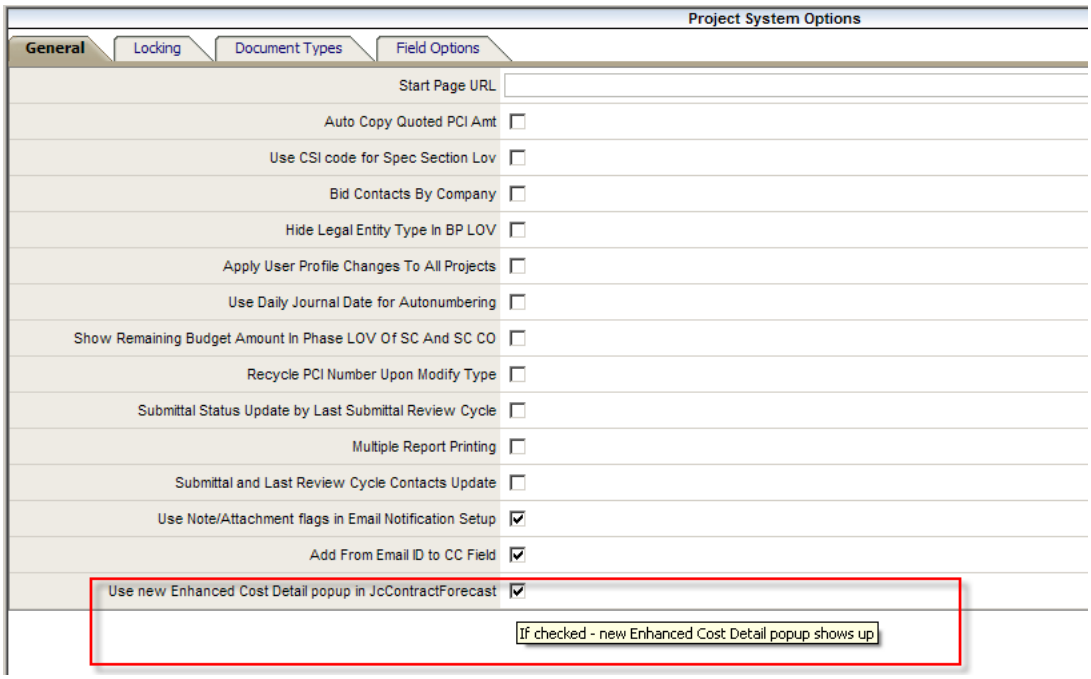
Separate privileges are now in place to Post Subcontract and to Post Subcontract Change Order.

New PCI Status Type - Cancelled (12.66934)

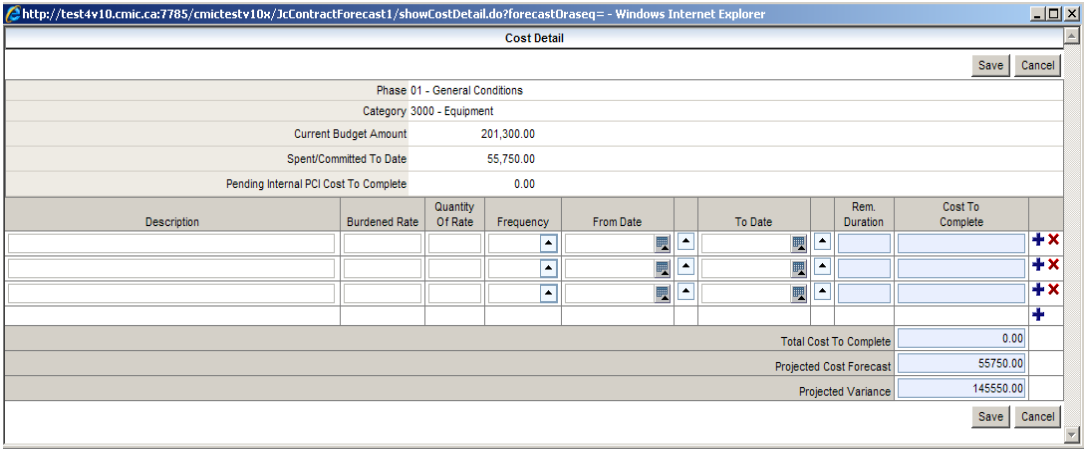


A 'Cancelled' PCI Status Type has been introduced. PCI's with this status type are not available for selection in subcontracts (using the [**Select PCI's**] button in JSP version) or subcontract change orders.

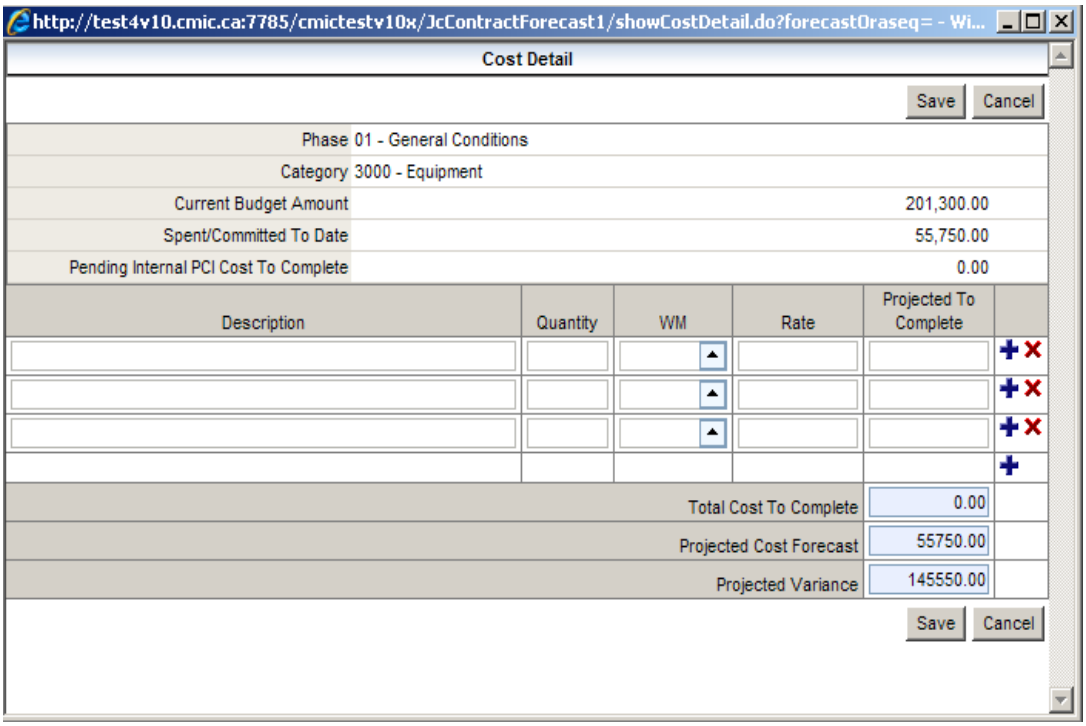
PM Systems Option for Contract Forecasting With PCI Projections – Enhanced Cost Detail (11.58055)



Added a new checkbox in the PM Systems Options – General tab: "**Use new Enhanced Cost Detail popup in JC Contract Forecast**". When this flag is checked the **Enhanced** Cost Detail popup will be displayed in the Contract Forecast with PCI Projections screen:



Below is a screen shot of the Cost Detail when the flag is un-checked (previous functionality):



Conversion of Project Partners and Contacts to System Level

(12.70246)

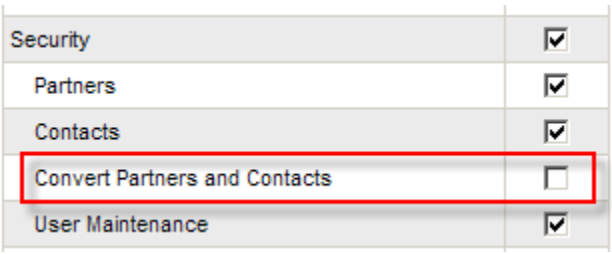
The utility to convert project level business partners/contacts to system level business partners/contacts has been added to the JSP version of Project Management.

Both the program and the menu item are labeled ‘Convert Partners and Contacts’.

Program:

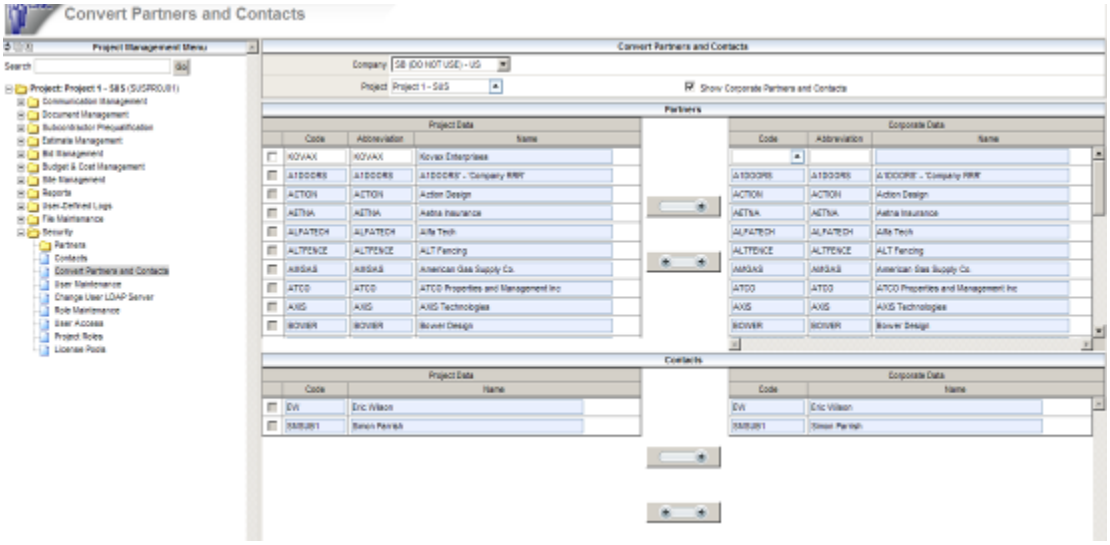


Menu Item:



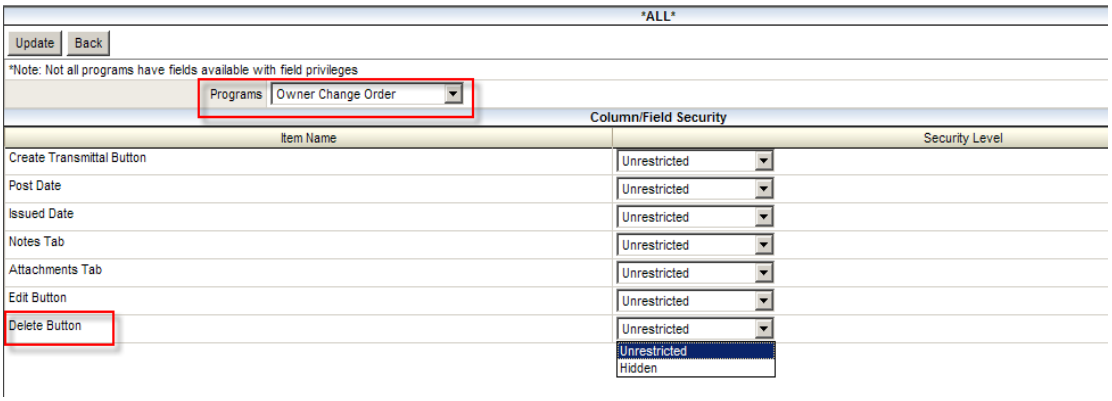
When security for the program and menu item is applied to a user/user role, it will be located under the 'Security' node of the tree-view. Remember that custom tree-views will need to be updated with the new menu item if needed.

When the program link is clicked, the following screen is displayed:



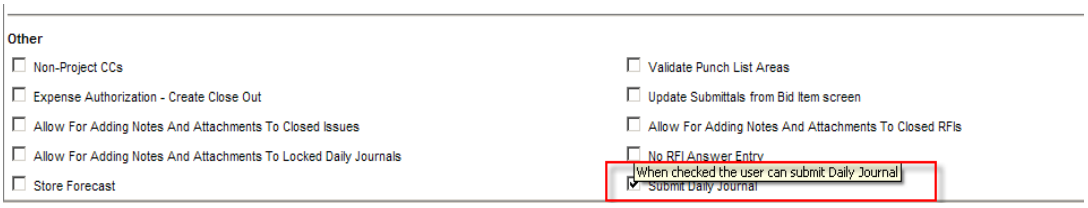
The screen functions in the same way as its FORMS counterpart.

Field Security for [Delete] button - OCO (12.67495)



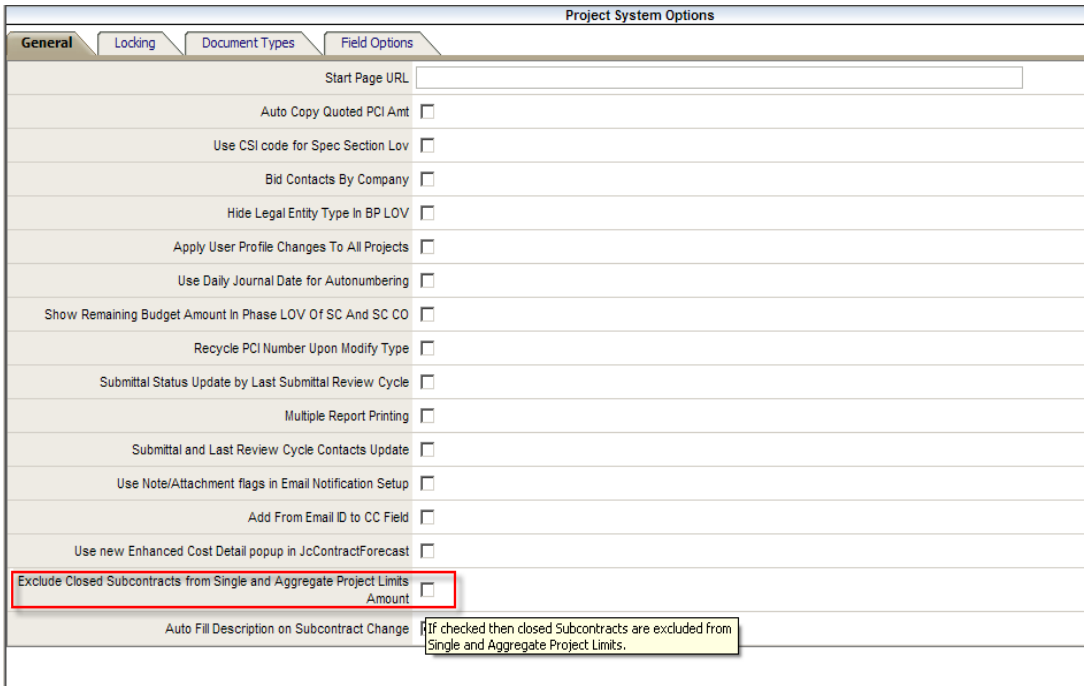
Field security can now be applied to the [Delete] button in the Owner Change Order (OCO) screen.

PM Role Privilege to Submit Daily Journal (12.66457)



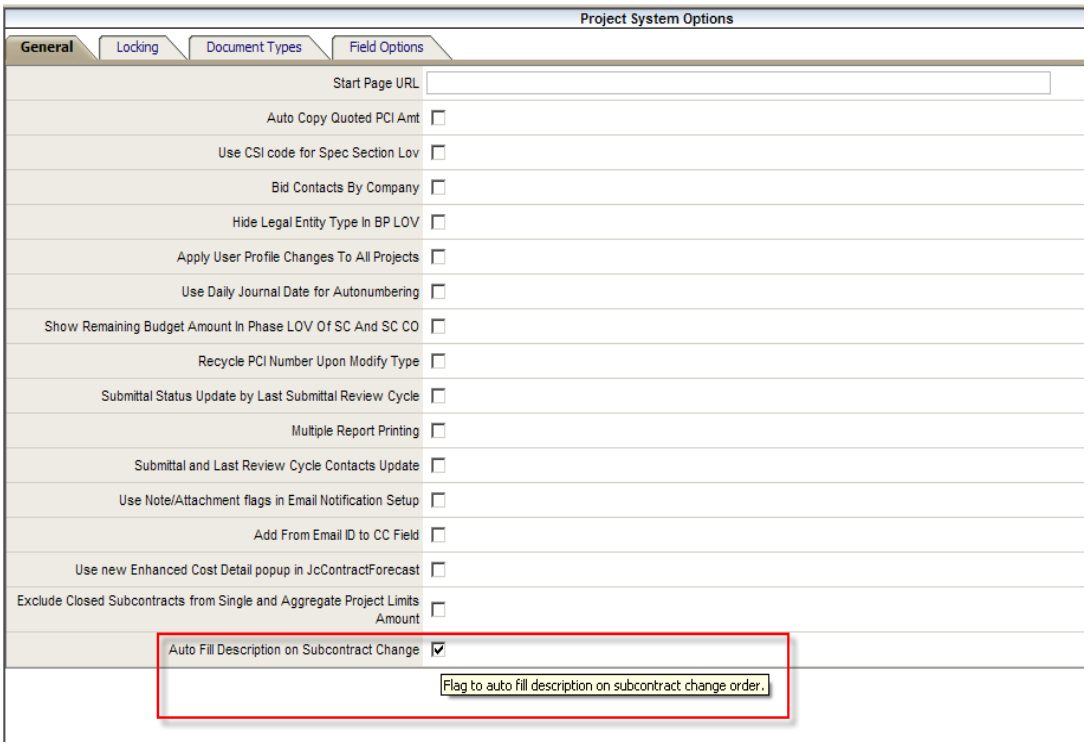
Added a new project role privilege that allows users to ‘Submit Daily Journal’.

PM Systems Option flag to exclude Closed Contracts in Project Limits (12.66771)



Added PM Systems Option flag that indicates whether Closed contracts should be included when determining the Single Project Limit and the Aggregate Project Limit in Subcontracts. By default, the flag is un-checked, to maintain original functionality.

PM Systems Option flag to Auto-fill Description on Subcontract Change Order (12.66027)



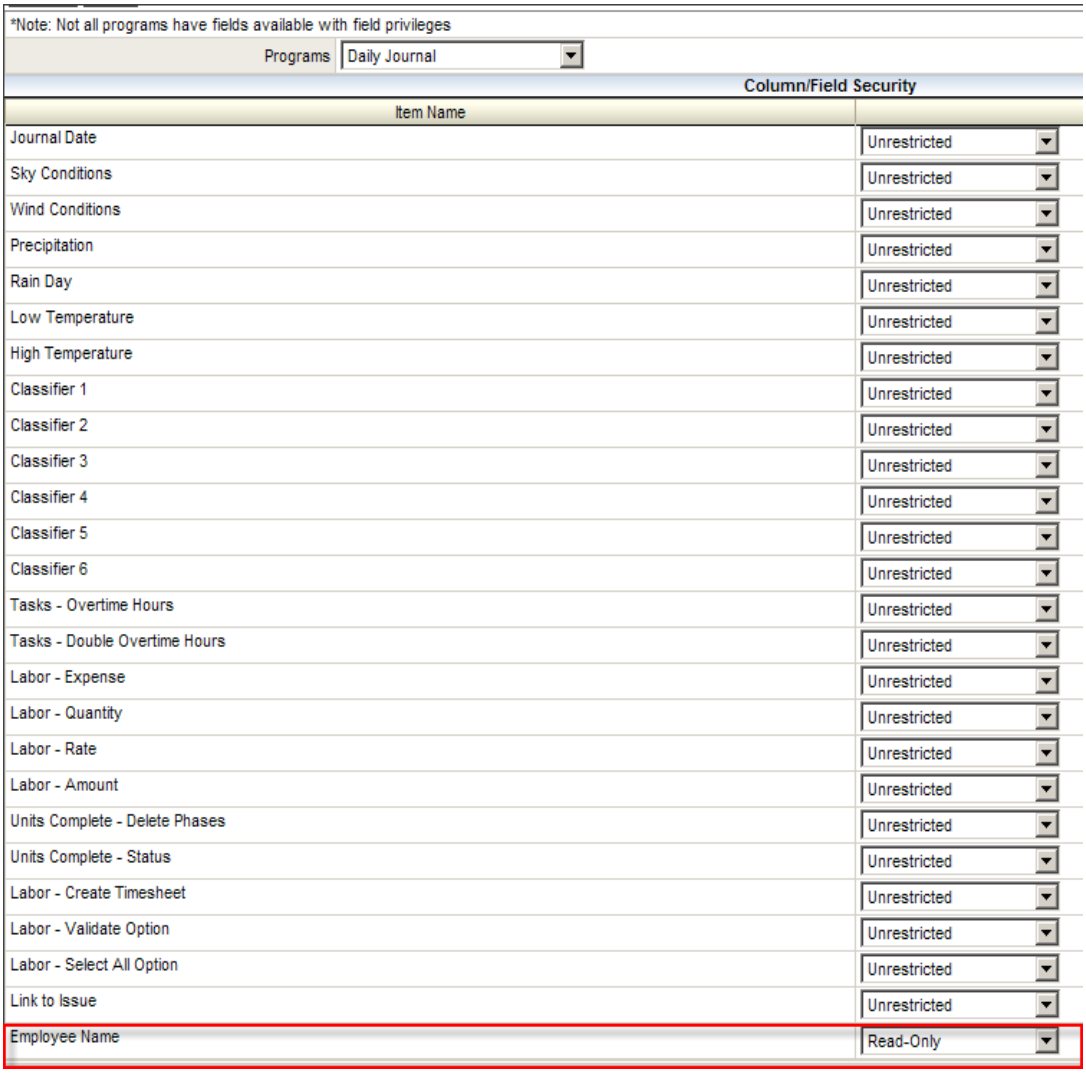
Added flag to auto-fill the Description field in Subcontract Change Orders. By default, the fag is checked to maintain original functionality.

WBS Restriction for 'Use PCI Detail Status' Removed (12.71057)

Applied changes to allow the use of the 'Use PCI Detail Status' PM Control flag with WBS codes (especially PCI) and WBS mapping. The previous restriction has been removed.

The Copy PCI restriction for a posted PCI was also removed in a previous patch.

Field Security for Employee Name in Daily Journal (12.67866)



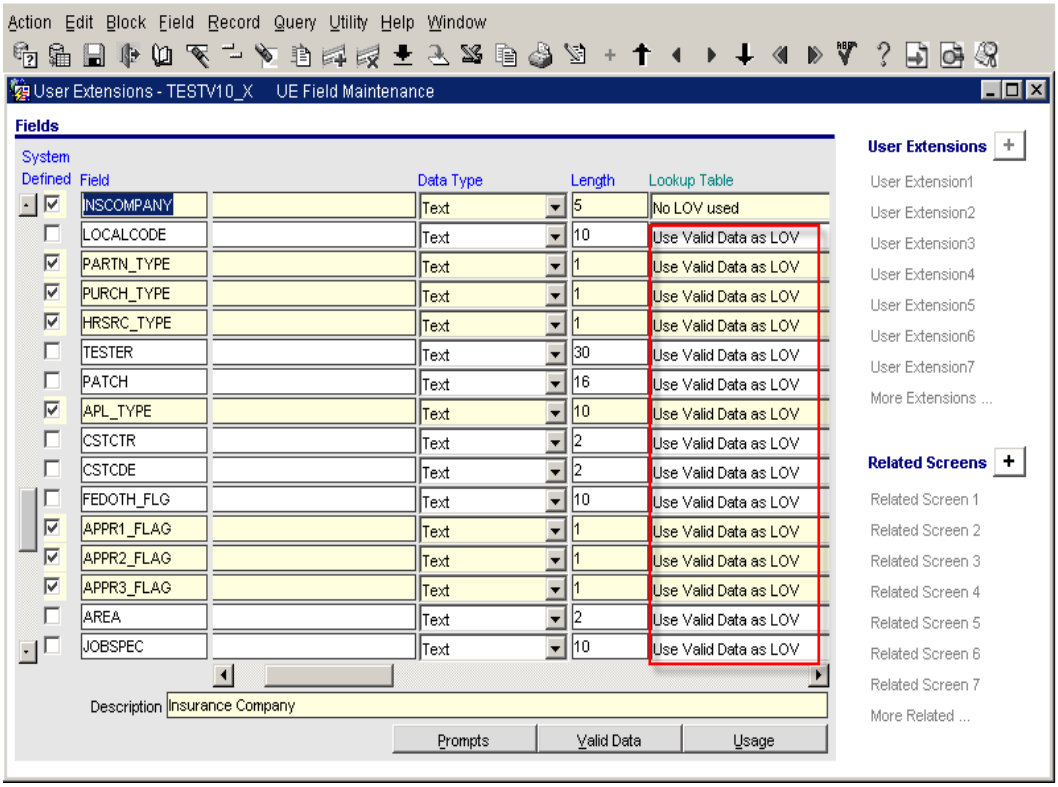
Added field security for Employee Name for Daily Journal.

User Defined Classifiers in File Maintenance (12.70647)



Added a User Defined Classifiers program and menu item to PM JSP File Maintenance.

This program displays a list of User Defined Fields with Lookup Table set as ‘Use Valid Data as LOV’.

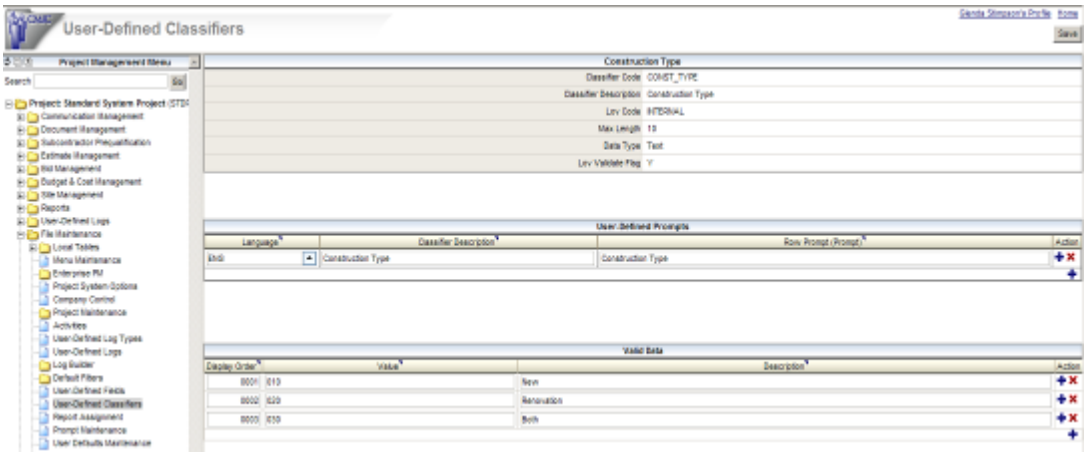


(FORMS Version)



(JSP Version)

Clicking on the Name of any record, gives another screen which allows the user to specify User-Defined Prompts and Valid Data to be used in the LOV for that field:



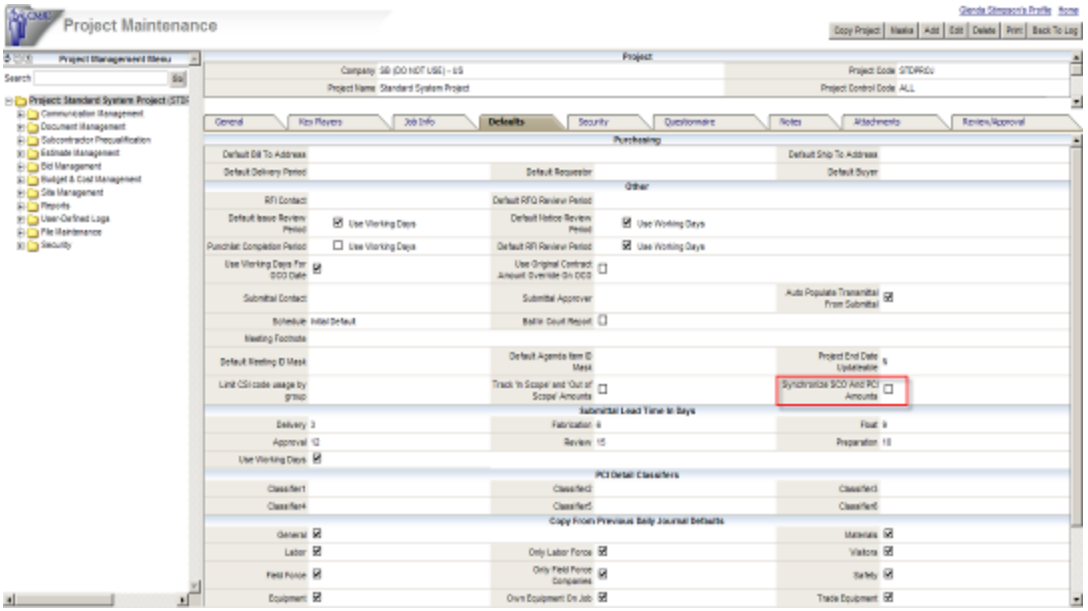
The values are available for selection in the LOV of the field on any screen that the field is used.

Synchronize PCI with Subcontract Change Order Amount (11.61049)

Functionality to synchronize SCO with PCI Detail Line data which was previously only programmed for FORMS version, has been added to PM JSP.

The flag '**Synchronize SCO And PCI Amounts**' was previously added to the SC tab of the Change Management Control File. By default, the checkbox is un-checked. It is a default value that when set is inherited by the Projects subsequently created for the company.

The inherited value can be overridden in the project (Defaults tab).

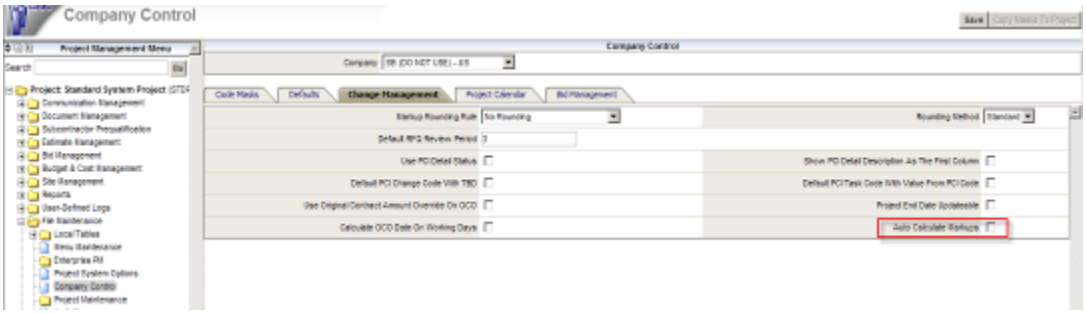


When this flag is checked on the project, if a PCI is created, any subcontract change order associated with the PCI detail line will not allow editing of the Amount that is passed from the PCI to the subcontract change order. Additionally, the PCI Amount is not updated by any T&M Allowance amounts updates.

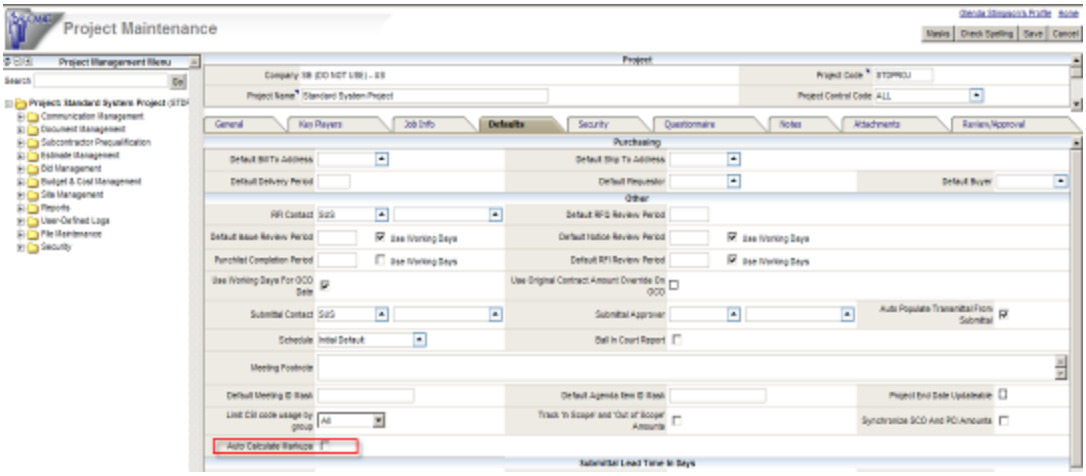
If the subcontract change order Amount is modified, that amount is passed back to the PCI detail line. If the subcontract change order is posted and linked to a PCI line detail, all cost budget dollar amounts (Estimated, Quoted and Final) for that PCI line is locked.

Auto-Calculate Mark-ups in PCI (12.67585)

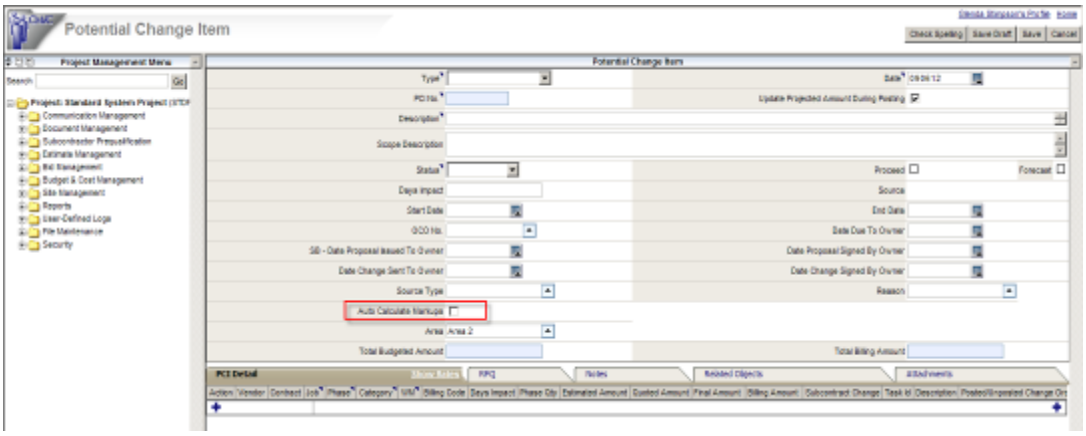
Added functionality whereby Mark-ups on all PCI class types have an option to Auto-Calculate. The flag '**Auto-calculate Markups**' has been added to the PM Control – Change Management tab:



By default the flag is un-checked. The value (checked or un-checked) is inherited by any new projects for that company, and can be overridden.



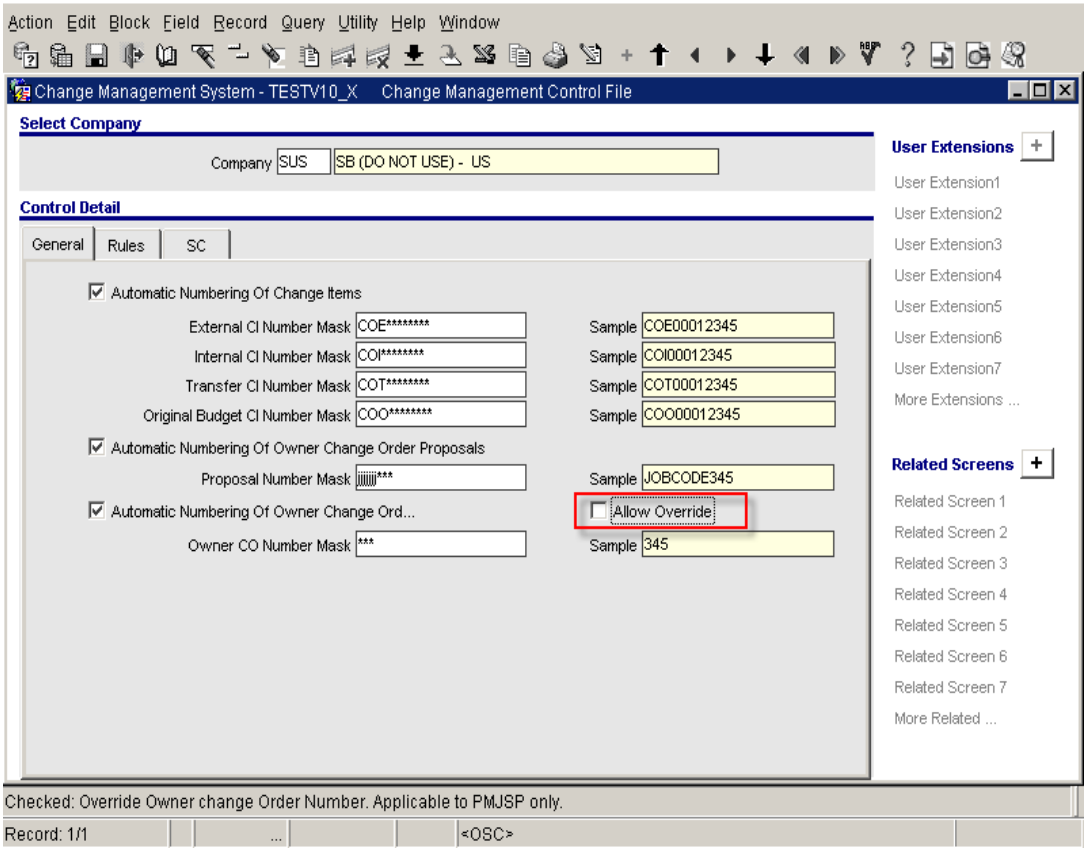
The value (checked or un-checked) on the project is inherited by any new PCI's for that project within the company and can be overridden.



When the flag is checked in the PCI header, after entering the PCI details and pressing [Save Draft] or [Save] markup lines will be automatically generated without the user having to press the [Calculate Markups] button. This applies to all PCI class types.

Field security can be applied to the 'Auto Calculate Markups' checkbox in PCI if desired. The possible setting is Unrestricted, Read-only or Hidden.

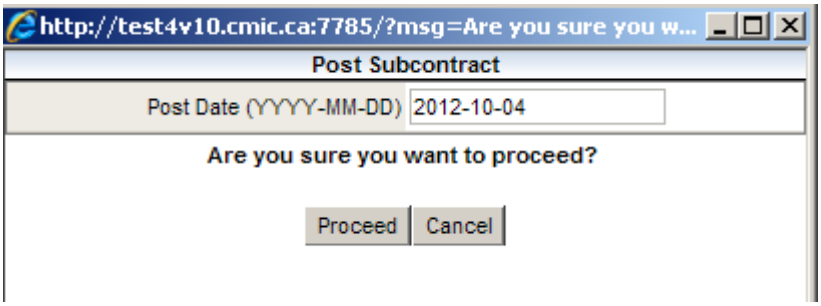
OCO Auto-numbering – Allow Override (10.47250)



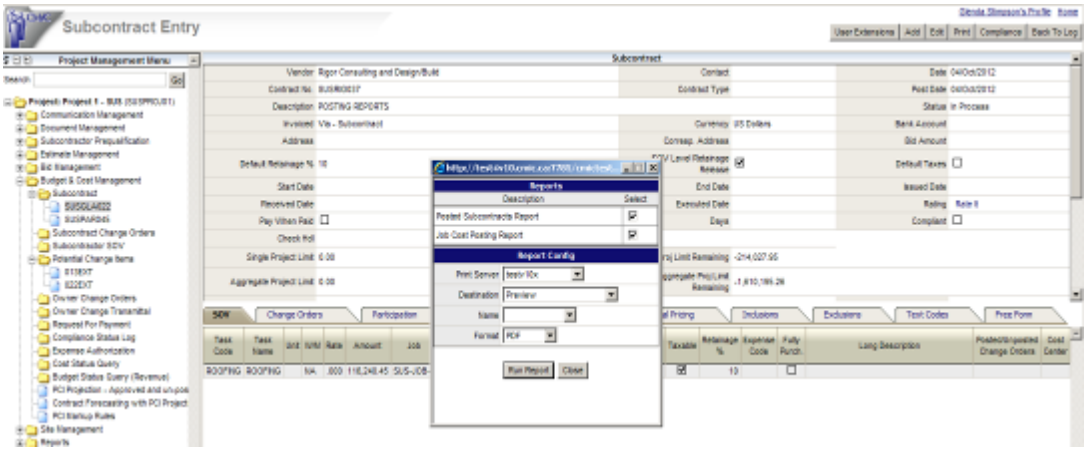
Added '**Allow Override**' functionality with auto-numbering of Owner Change Orders (OCO). The 'Allow Override' flag is only applicable to PM JSP. The flag is only available for setting if OCO auto-numbering is being used.

Printing Posting Reports in PM JSP (11.61046)

Added the printing of posting reports to PM JSP. Users can now print posting reports for Subcontracts, Subcontract Change Orders, PCI's and Owner Change Orders. The Posting Reports popup window is displayed after clicking the [Proceed] button in the first Posting popup window:



The 'Print Posting Reports' popup window will be displayed next:



Phase Type and Forecast Method for Bid Items (12.67233)

The Phase Type and Forecast columns have been added to the Bid Items Sigma Grid.

The Phase Type is validated against "Phase Types" set up in Job Costing Local Tables (on a Company level). New Phase types cannot be entered on this screen. Any phase type other than the company defaults will produce an error.

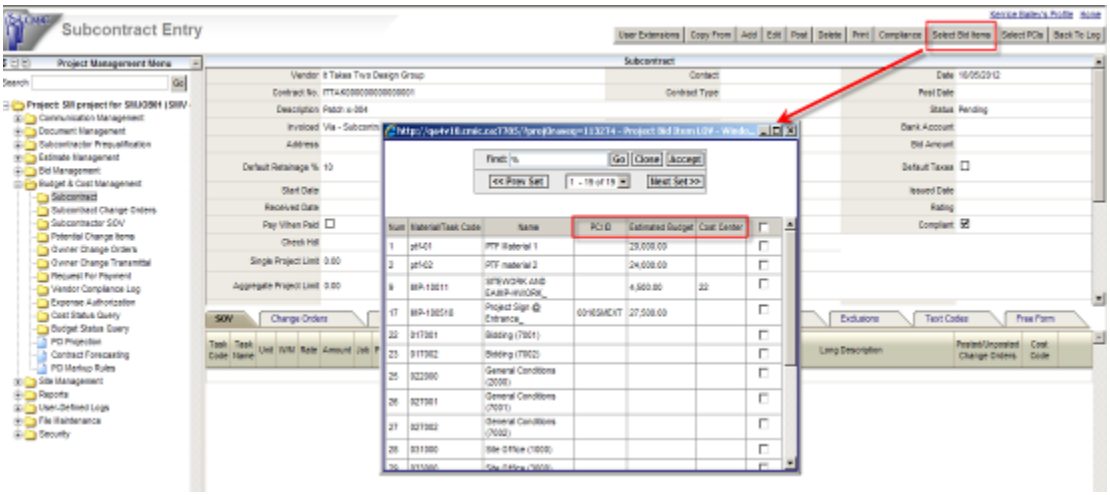
The Forecast Method is validated against standard "Forecast Methods" of Amounts, Productivity and Units. The Forecast Method entered can be overridden.

These two columns have also been added to the layout of the Bid Item Import file. Bid items manually entered or imported to the Bid Items screen will auto-populate the Phase Type and Forecast Methods, which can then be overridden.

Layout for Bid Item Import showing additional fields:

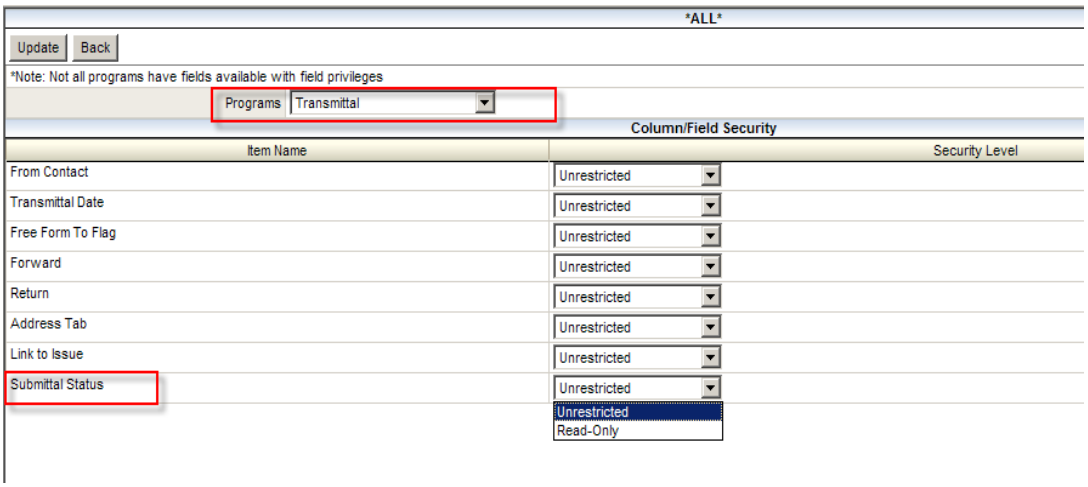

pmpbiimj.ctl - Notepad
File Edit Format View Help
LOAD DATA
APPEND
INTO TABLE DA.PMFOREIGN_BIDITEM_IMPORT
FIELDS TERMINATED BY "," OPTIONALLY ENCLOSED BY '"'
(
PMFBII_COMP_CODE,
PMFBII_PROJ_CODE,
PMFBII_MT_CODE,
PMFBII_ITEM_NAME,
PMFBII_TARGET_PURCH_DATE DATE 'DD-MON-YYYY',
PMFBII_WM_CODE,
PMFBII_ITYPE_CODE,
PMFBII_PURCH_TYPE_CODE,
PMFBII_EST_QTY,
PMFBII_EST_PRICE_AMT,
PMFBII_EST_AMT,
PMFBII_QUOTED_QTY,
PMFBII_QUOTED_PRICE_AMT,
PMFBII_QUOTED_AMT,
PMFBII_HLDBK_PCT,
PMFBII_SPEC_SECTION,
PMFBII_SPEC_SUBSECTION,
PMFBII_PHS_CODE,
PMFBII_CAT_CODE,
PMFBII_TAX1_CODE,
PMFBII_TAX2_CODE,
PMFBII_TAX3_CODE,
PMFBII_CLV_CODE1,
PMFBII_CLV_CODE2,
PMFBII_CLV_CODE3,
PMFBII_CLV_CODE4,
PMFBII_CLV_CODE5,
PMFBII_CLV_CODE6,
PMFBII_JOB_CODE,
PMFBII_PHS_WM_CODE,
PMFBII_PHS_QTY,
PMFBII_PHS_FIRST_SEGM_VALUE,
PMFBII_BILL_QTY,
PMFBII_BILL_PRICE,
PMFBII_BILL_AMT,
PMFBII_TEMP_PCI_ID,
PMFBII_WBS_CODE1,
PMFBII_WBS_CODE2,
PMFBII_WBS_CODE3,
PMFBII_WBS_CODE4,
PMFBII_CUSTOM_PRICING_QTY,
PMFBII_CUSTOM_PRICING_PRICE,
PMFBII_CUSTOM_PRICING_AMT,
PMFBII_GROUP_CODE,
PMFBII_ALTER_ID,
PMFBII_PHS_TYPE,
PMFBII_FORECAST_METH
)

More Columns Added to [Select Bid Item] LOV (11.57795)



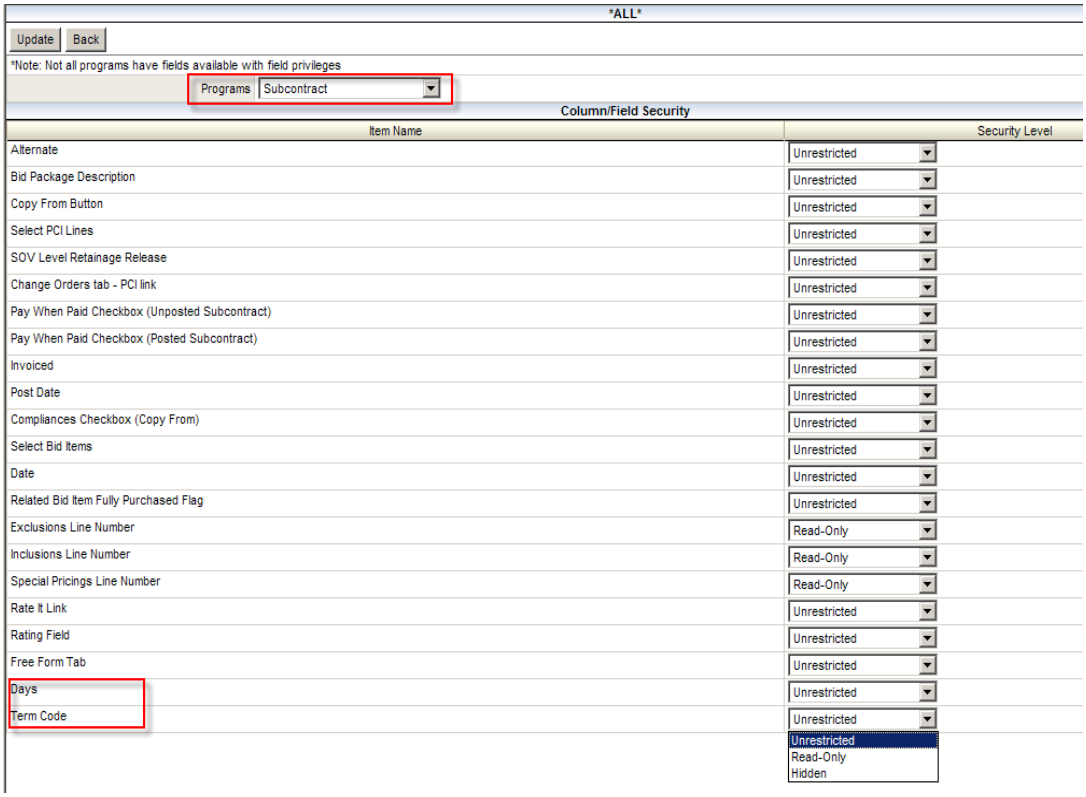
Columns to display PCI ID, Estimated Budget and Cost Center have been added in the “Select Bid Items” LOV for subcontracts and subcontract change orders.

Field Security for Submittal Status in Transmittals (12.67964)



Added field security for Submittal Status in the Transmittal Items section of Transmittals. Possible setting is ‘Unrestricted’ or ‘Read-only’.

Field Security for ‘Days’ & ‘Term Code’ in Subcontract (12.72148)



Added field security for fields: PwP 'Days' & 'Term Code' on Subcontract header. Possible setting is ‘Unrestricted’, ‘Hidden’ or ‘Read-only’.

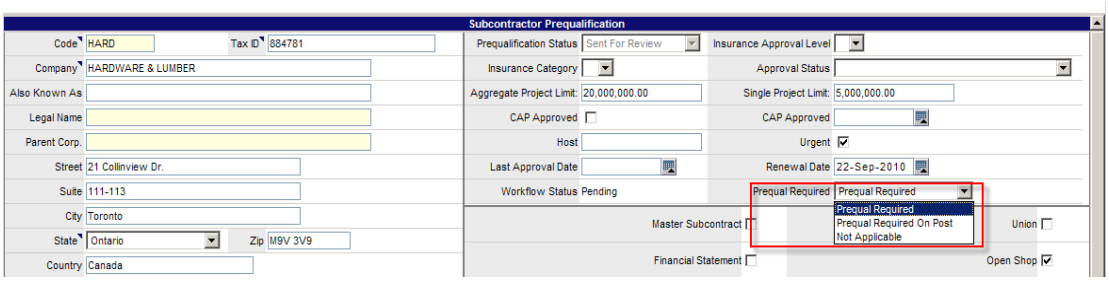
PM Systems Options – Allow to Change PCI to Same Type (12.73474)

PM Systems Option - Added new flag: "Allow for Changing To Same PCI Type". By default the flag is un-checked. When checked it allows users to modify an existing PCI to another PCI of the same class type (they may have different auto-numbering masks).

PCI Audit History to Include Printing Actions (12.69487)

Changes have been made to include Printing actions in the Audit History tab of PCI. The history record will show the fields Date and Time, Author, Recipients (if printed to email/fax), Action (print to email/fax), Description, and Status.

Subcontractor Prequalification – Prequal Required on Post (12.71008)



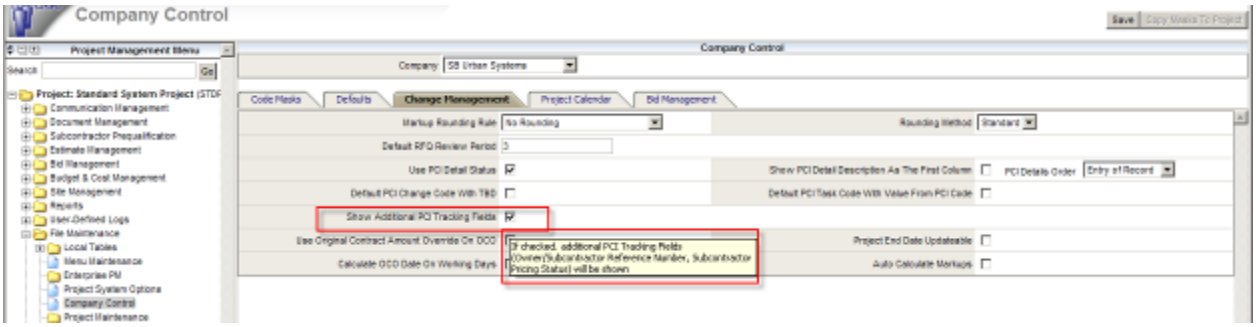
The 'Prequal Required' checkbox has been replaced by a drop-down box with three options:

- **Prequal Required** – to indicate that Pre-qualification is required as per previous functionality. In this case, if hard stop options are used to highlight that the Project or Aggregate Limits are being exceeded, they will continue to prevent subcontracts and change orders from being written for un-qualified vendors.
- **Prequal Required on Post** – this selection will allow subcontracts and subcontract change orders to be written even if the Project or Aggregate Limits are being exceeded, but when it is posting time, they will be re-validated for pre-qualification. This option allows users to start entering subcontracts/change orders prior to pre-qualification, with limits that are monitored through hard stops. On saving, the program treats the record as though it was monitored through limit warnings only - warning messages for the limits are displayed. However, if the user tries to post the record, the hard stop messages will be displayed.
- **Not Applicable** – means that Pre-qualification is not required, so there are no warnings or stops when entering and saving subcontracts/change orders.

RFQ on Ball in Court Report and My Actions screen (12.70436)

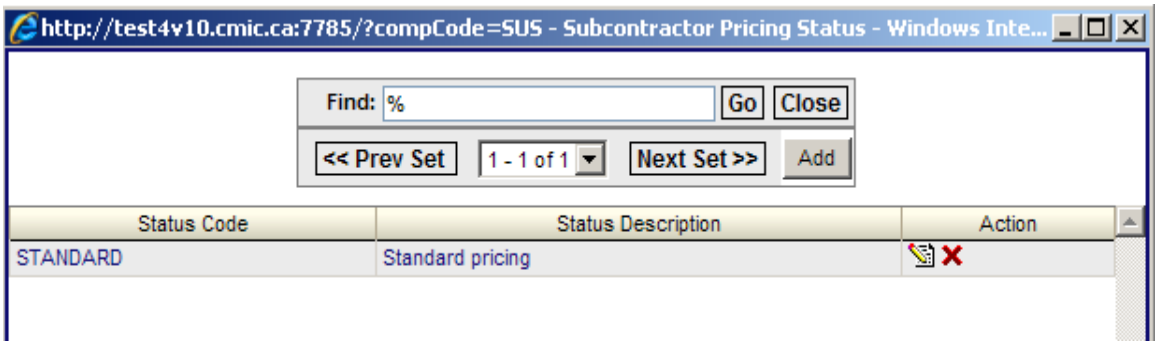
An enhancement has been made to add the RFQ information to the Ball in Court Report and also to the My Actions screen. The Due Date on the RFQ is the main determining field, but the record must also have the Subcontractor and Contact fields populated as well. If the Date Received is also populated along with the three fields mentioned before, the RFQ record will not be shown on the report or the My Actions screen.

PCI Details – Additional Fields and Subcontract Tracking Log (12.69254)

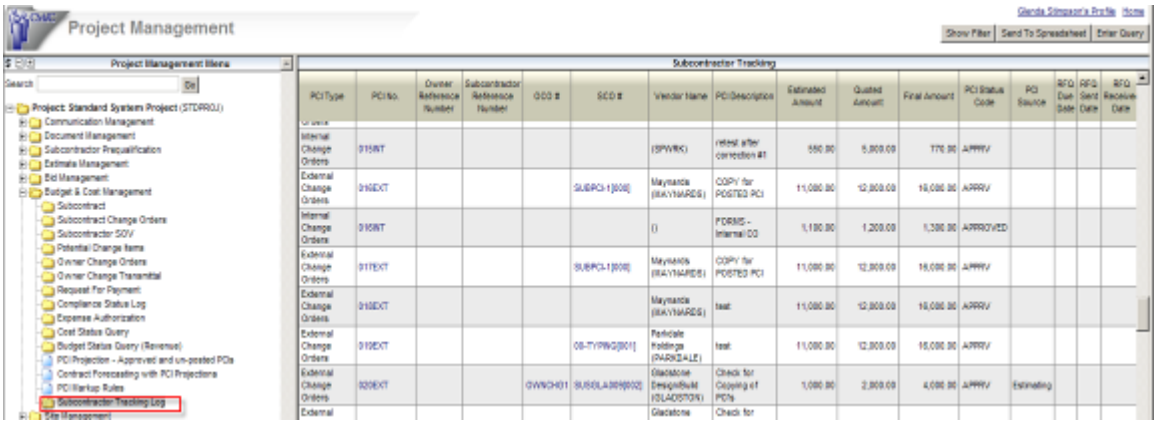


Added PCI-Subcontract Tracking Log and also added a new PM Control flag (Change Management tab) '**Show Additional PCI Tracking Fields'** that determines if additional fields are shown in the PCI Details. The additional fields include Owner Reference Number and Subcontractor Reference Number. There is also the

Subcontractor Pricing Status Code which is located on the RFQ tab, and has an LOV which allows the user to maintain the entries (Add, Edit, Delete).

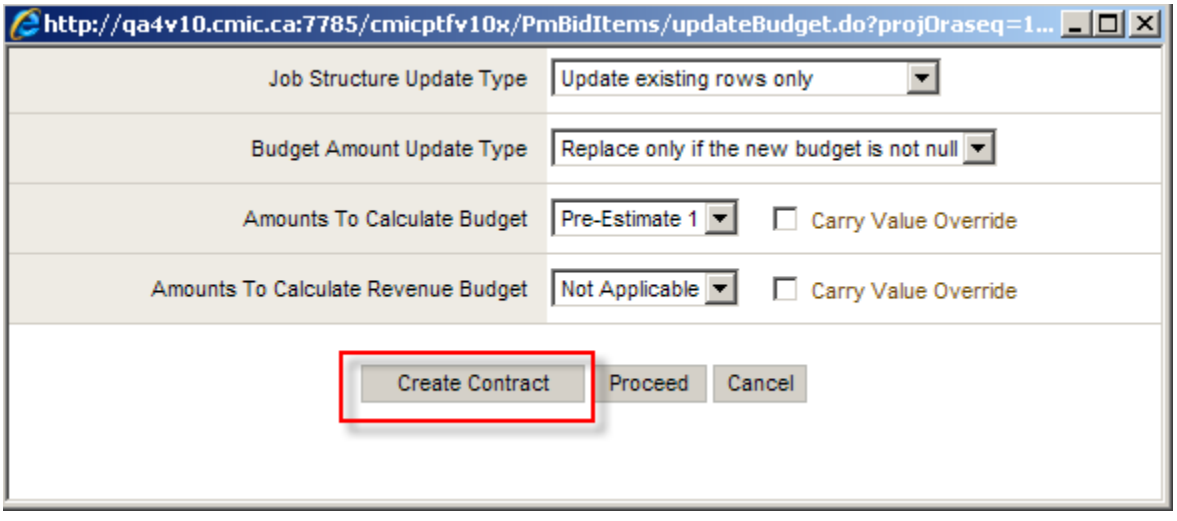


The Tracking Log is a Log of the PCI Details and include PCI SOV lines with or without a subcontract/change order link, but has the vendor (including Self-Performed work). Access to the log is assigned using Assign Menu Items.



Drill-down can be done on the PCI No., OCO#, SCO# and Contract Code fields.

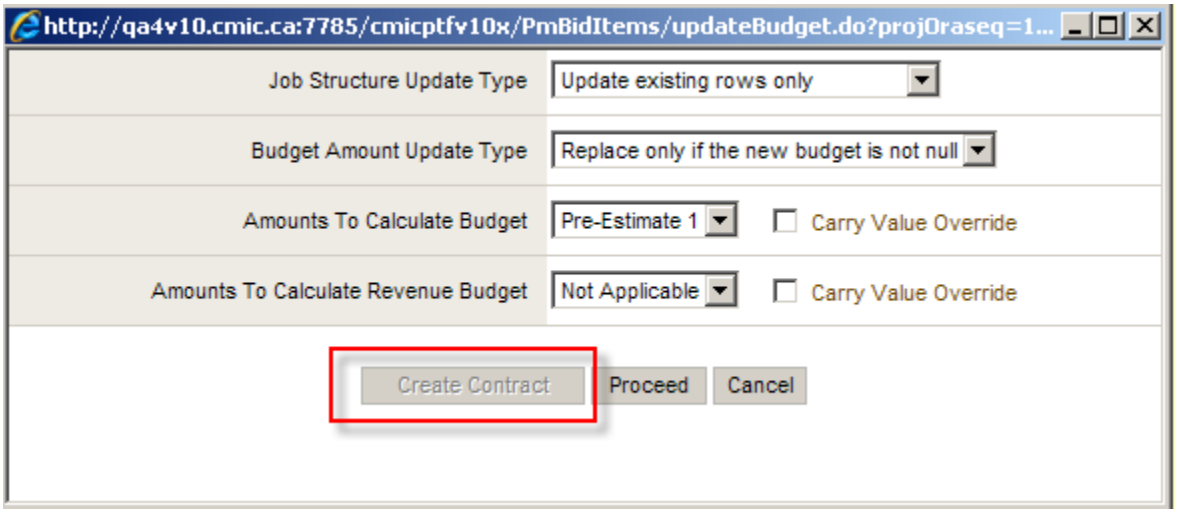
Create JB Contract in Bid Item Update Budget (12.74091)



Added [**Create Contract**] button to the Bid Item - Update Budget popup box to allow the creation of JB Contract for the current project job. It is a requirement that the Retainage Code be set up at the job or customer

level, and all other pre-requisites for creating JB Contract be satisfied before this feature can be used successfully.

If the job already has a contract, the [Create Contract] will be disabled:



Multiple Upload for Documents (12.74979)

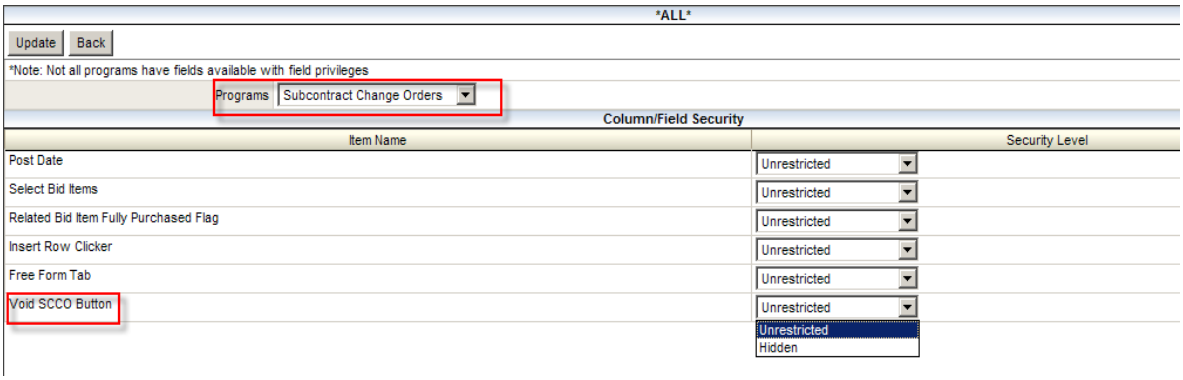
Added [**Multiple Upload**] button to the Document Log. The characteristics of this feature are:

1. The document type in the multi-upload pop-up should default to the same as the Document log, i.e. if the user presses the multi-upload button while the Drawings log is on-screen, the document type should default to Drawings.
2. The Document log refreshes after the uploads are done.
3. If the user uploads documents to a Document Type(s) other than the onscreen Document Log, the system displays the Document Log for the first Document type specified in the multi-upload pop-up after the uploads are complete.
4. The user is able to upload to any document type when the multi-upload is invoked from a Document log
5. The user is only able to upload to a single document type when the multi-upload button is invoked from a Document record.

Voiding of Subcontracts and Subcontract Change Orders (12.69719)



Voiding of Subcontracts and subcontract change orders has been added to PM JSP. There are two PM Role privileges that are tied to the voiding action. When the user has the Void privileges, the [Void] button is available on posted subcontracts or posted subcontract change orders. Field security can also be applied to the [Void] button on both screens, for example, for the subcontract change order:

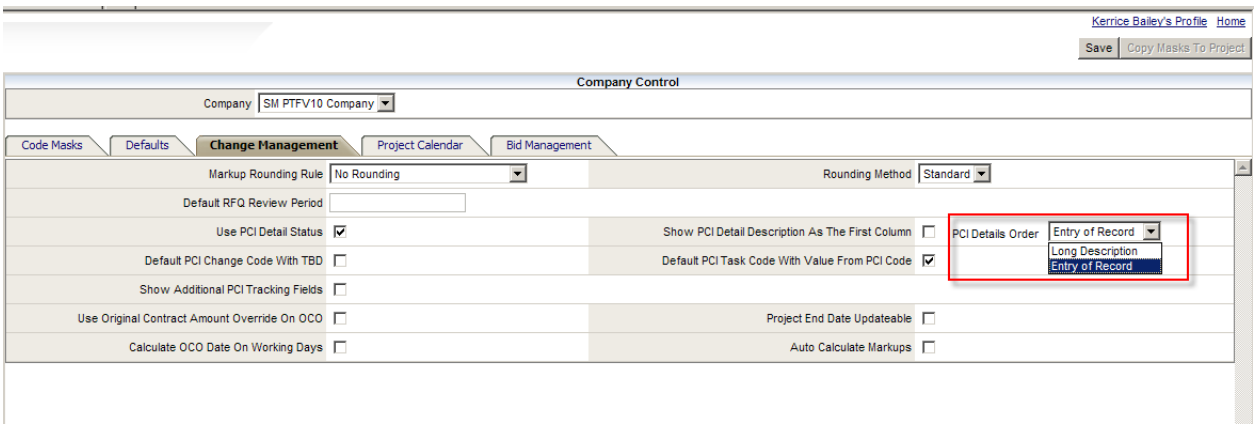


The posting reports for the voiding are not yet available in PM JSP, but can be accessed in FORMS.

If subcontracts and subcontract change orders that are **linked to PCI schedule of value lines** are voided or deleted, the PCI SOV line will be replaced with a 'TBD' line (vendor, contract, change code) which can then be available for selection into any subcontract or subcontract change order.

If a subcontract or subcontract change order that is **linked to a bid item** is voided, the bid item is marked as open and becomes available for selection into any other subcontract or subcontract change order.

PM Control Sort Option for PCI Details (12.74322)

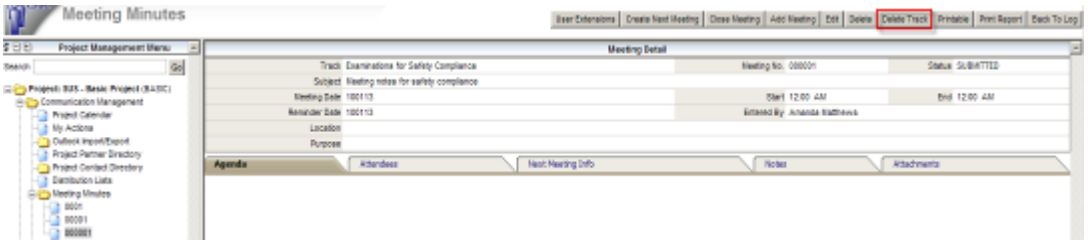


Enhancement - added the drop-down box 'PCI Details Order' in the Change Management tab of PM Control, to allow the user to choose the sort option for PCI details, when the PCI Detail Description is selected as the first column. By default, the details are listed according to the entry of the record (Entry of Record), but can be sorted by the Long Description field as well.

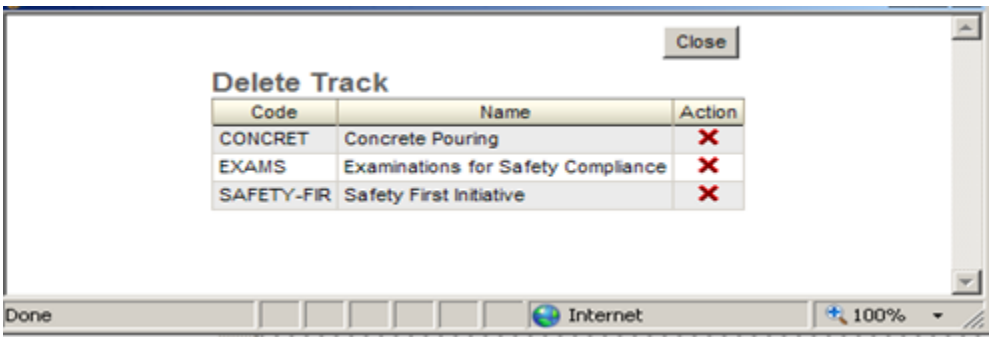
Delete Project-Level Meeting Track (09.37782)

Functionality to DELETE a project-level Meeting Track has been added to PM JSP.

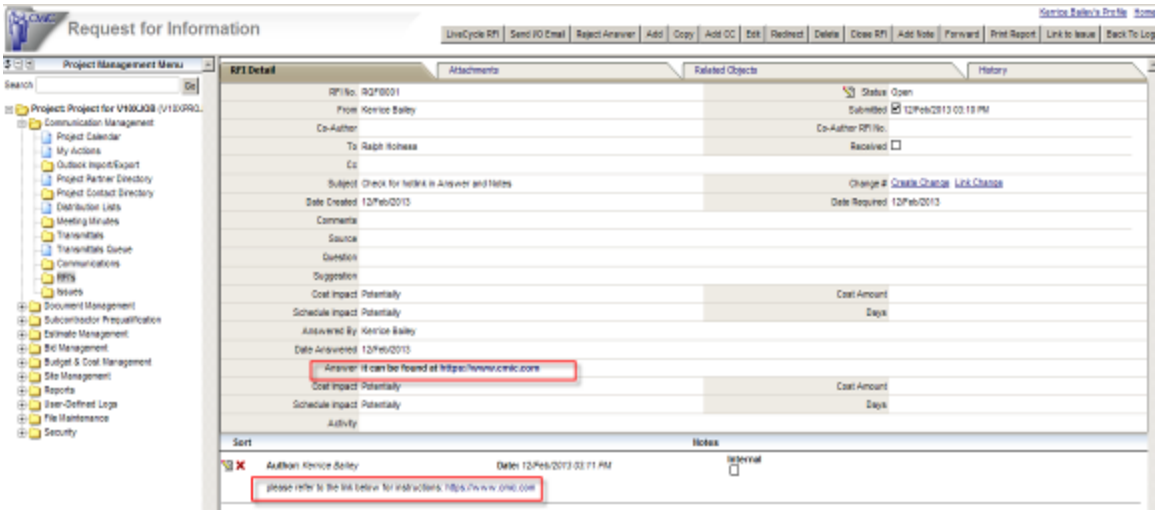
The **[Delete Track]** button has been added to the Meeting Minutes screen and is available in Add Meeting mode as well as in View mode:



When the button is pressed it displays the project-level meeting tracks in a popup window:

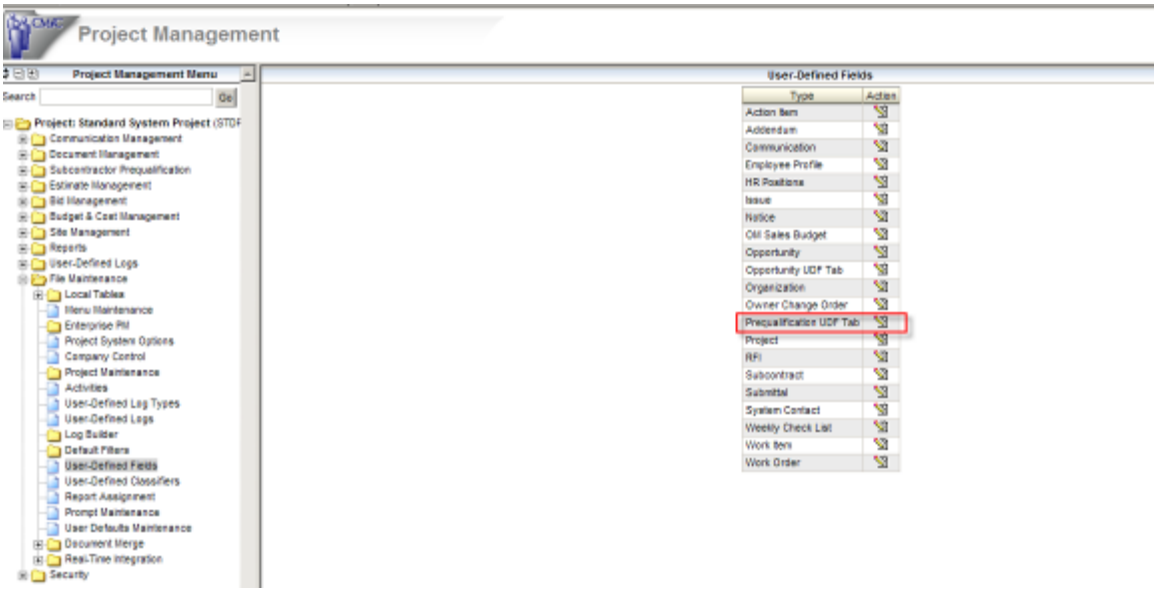


Hyperlink for RFI Notes and Answer Fields (12.74206)



RFI Entry - Applied enhancement - allowing hyperlinks in Notes and Answer fields. The link is accessible in view mode.

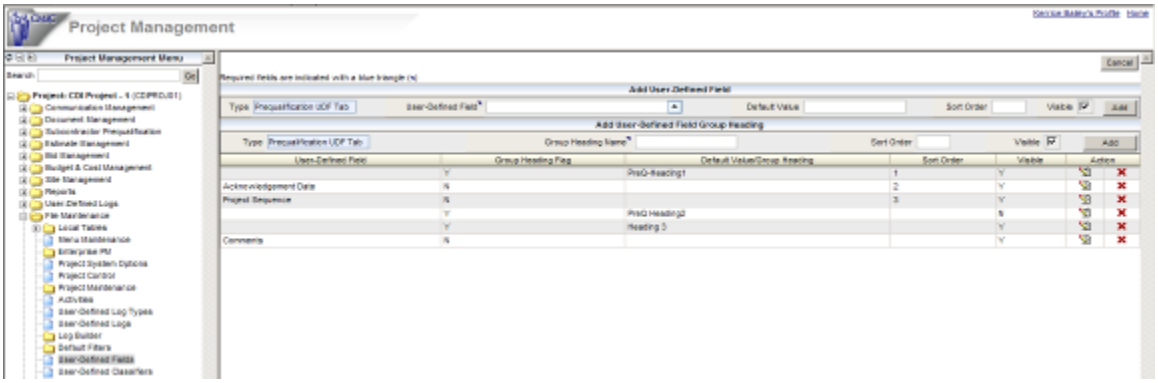
User Defined Fields tab in Subcontractor Prequalification (12.71462)

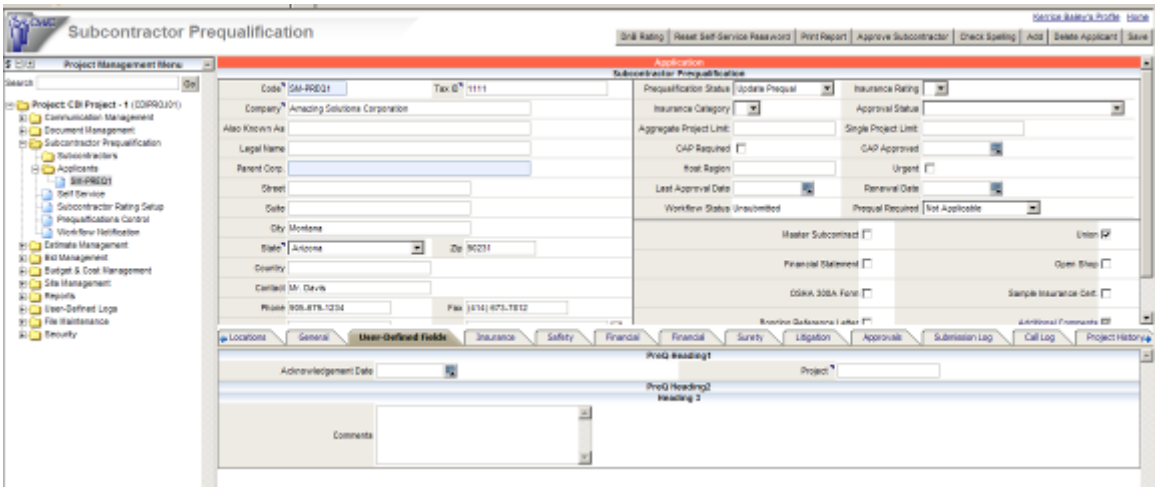


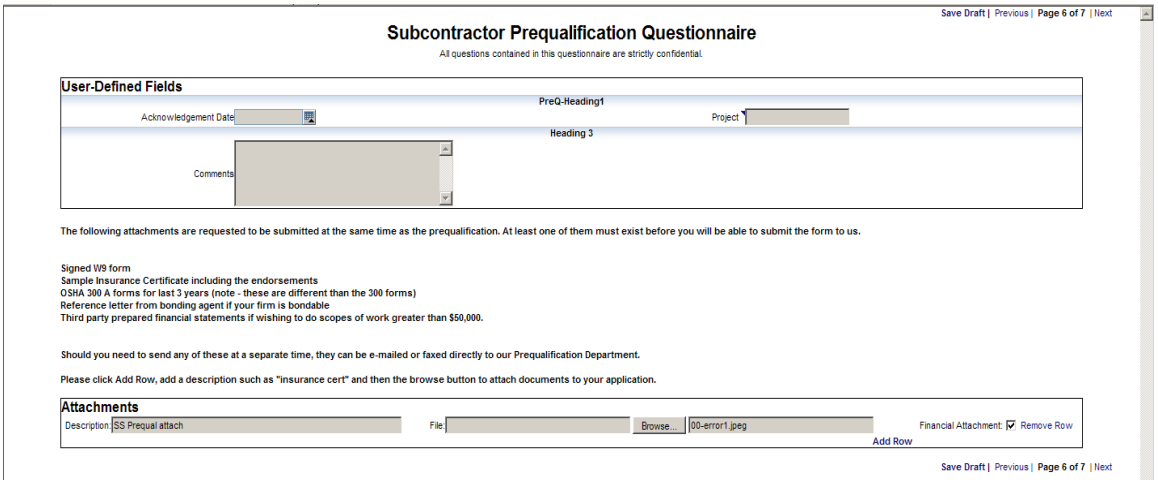
A User Defined Fields (UDF) tab has been added to the Subcontractor and Applicant screens. These UDF Tab fields are also shown in the Self Service program (Page 6).

Field security can be applied to the UDF Tab (Subcontractors/Applicants) and UDF fields in Self Service. The UDF fields for this tab are defined in the User Defined Fields - Prequalification UDF Tab definition screen, and allows the user to indicate header levels under which UDF's can be grouped.

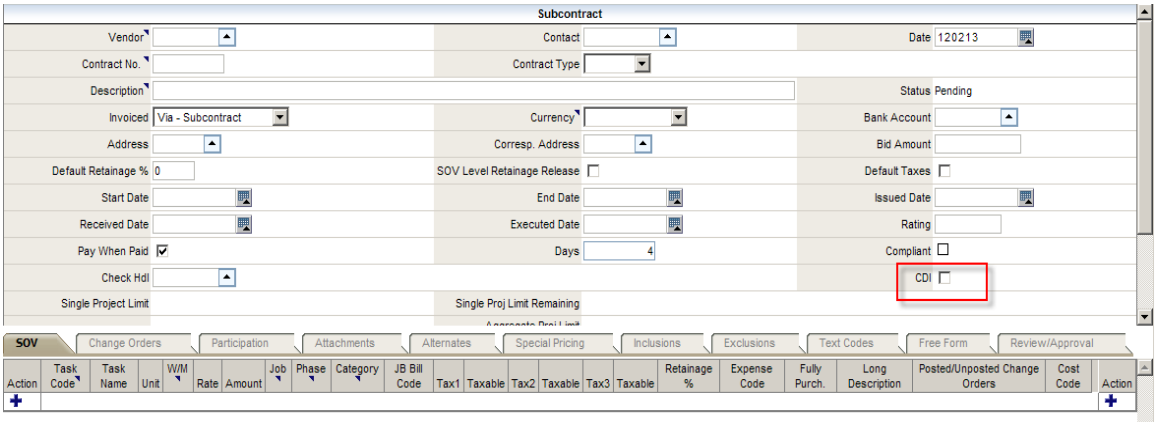
The 'Visible' flag is used to indicate which field (header or UDF) can be seen in the **Self Service** User Defined Fields section:







CDI Charges for Subcontract and Subcontract Changes (12.72138)



The CDI Charges functionality for Subcontracts has been added to PM JSP. When the 'CDI' flag is checked on the subcontract header, CDI will be calculated based on the rate that has been set for the CDI Risk Management codes that are on the job. See previous patch documentation for implementation requirements.

When CDI is calculated during subcontract/change order posting, two sets of posting reports are generated for the two batches created. These reports are also available in PM JSP.

Original Contract Amount added to HCSS XML Import (12.69151)

HCSS XML Import

HCSS XML Import is a utility that allows the user to import the following CMiC data:

- Phase/Category structure for a job.
- Job Billing Contract
- Project Management Bid Items
- Project Management Bid Packages with Buy Out Items.

XML file structure
Below is an example of the XML file structure.

```
<HeavyBid_CMIC_XML>
        <COMPANY_CODE>10</COMPANY_CODE>
        <JOB_CODE>09EFNT-Apr08-02</JOB_CODE>
        <JOB_DESC>PTC - CHESTER CO MP 324 - COST CODES</JOB_DESC>
        <EST_NOTE/>
        <USE_WM_FROM_IMPORT_DATA> Y </USE_WM_FROM_IMPORT_DATA>
        <PCI_IMPORT_FLAG> N</PCI_IMPORT_FLAG>
        <JOB_ORIG_CONT_AMT>          0.00 </JOB_ORIG_CONT_AMT>
<BILLING_PAY_ITEM_LIST>
        <CLIENT_NUMBER CODE="2201-0001">
                <CLIENT_NUMBER_DESC>Clearing</CLIENT_NUMBER_DESC>
                <BILLING_ITEM>00.10-1</BILLING_ITEM>
                <DESCRIPTION>Clearing and Grubbing</DESCRIPTION>
                <BID_QUANTITY>       1.00</BID_QUANTITY>
                <TAKEOFF_QUANTITY>       1.00</TAKEOFF_QUANTITY>
```

HCSS XML Import - The Original Contract Amount has been added to the XML layout file.

Rules:

If the PCI Import Flag is N and the Job already has the original contract amount, then an error message is issued on the validation report:

error msg : PCI IMPORT FLAG is N but Job Original Contract Amount (JC>Enter Job) Has A Value

Job	
Error	PCI IMPORT FLAG is N but Job Original Contract Amount (JC>Enter Job) Has A Value Already
Warning	Contract already exists for Job SBHCSS03

If the PCI Import flag is N and the Job does not already have the Original Contract Amount, then it is updated, and the same value is used to update the Current Contract Amount.

If the PCI Import Flag is Y then no update if the Original Contract Amount is done.

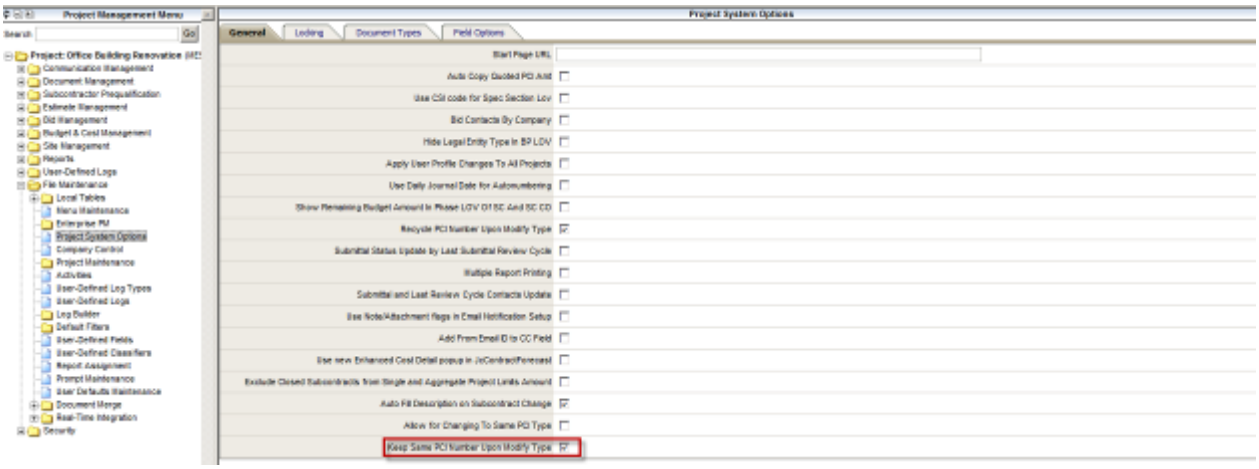
Bid Items – Retain # of Records (for the session) (12.70603)

Bid Items Sigma Grid - Applied changes to retain the # of records per session, when that value is changed by the user.

PCI Numbering - Keep the PCI # while changing the PCI type (12.74280)

The new functionality has been added to keep the PCI number while changing the PCI Type.

The Flag "**Keep Same PCI Number Upon Modify Type**" has been added to the File Maintenance - Project System Options:



Rules:

When the flag is checked the system keeps the number of the PCI which type is being modified.

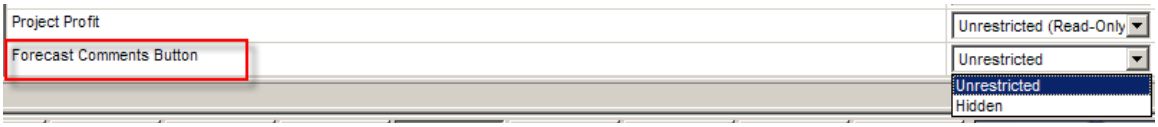
NOTE: The flag "**Recycle PCI Number Upon Modify Type**" in the Project System Options is has to be checked as well to allow the system to use the same PCI number:



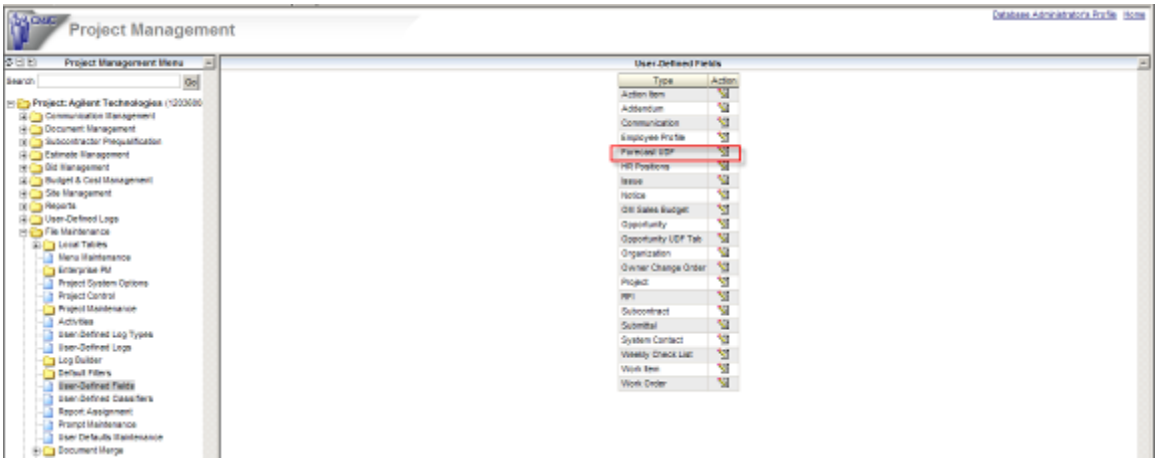
Contract Forecast with PCI Projections – Forecast Comments
(12.73092)

Addition of a **[Forecast Comments]** button with underlying User Defined Fields that are defined with header and detail level UDF's in the Forecast UDF which is also new. Field security can be applied to the [Forecast Comments] button.

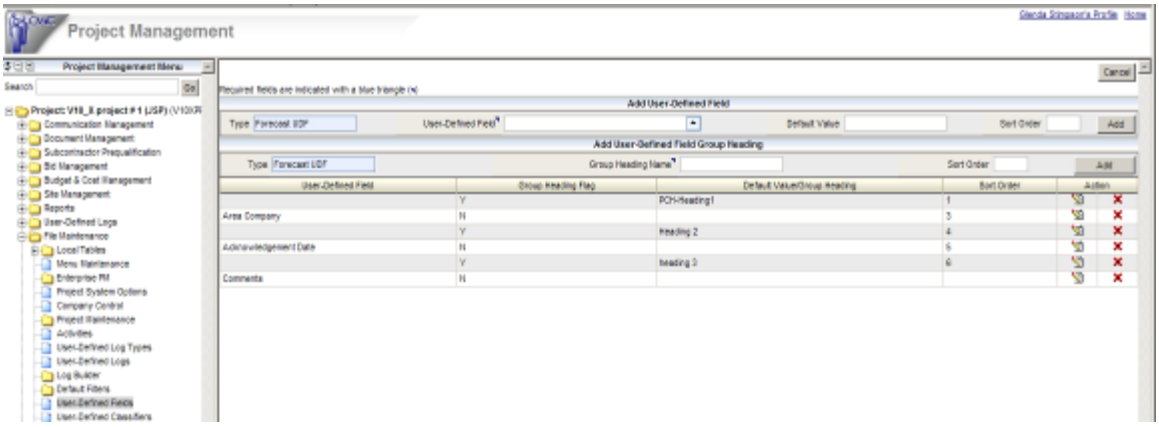
Field Security:



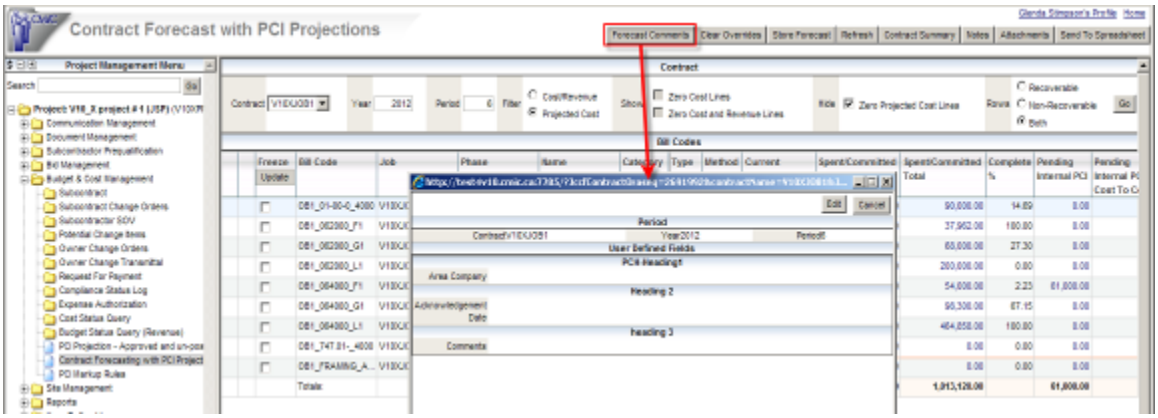
User Defined Fields:



Example:

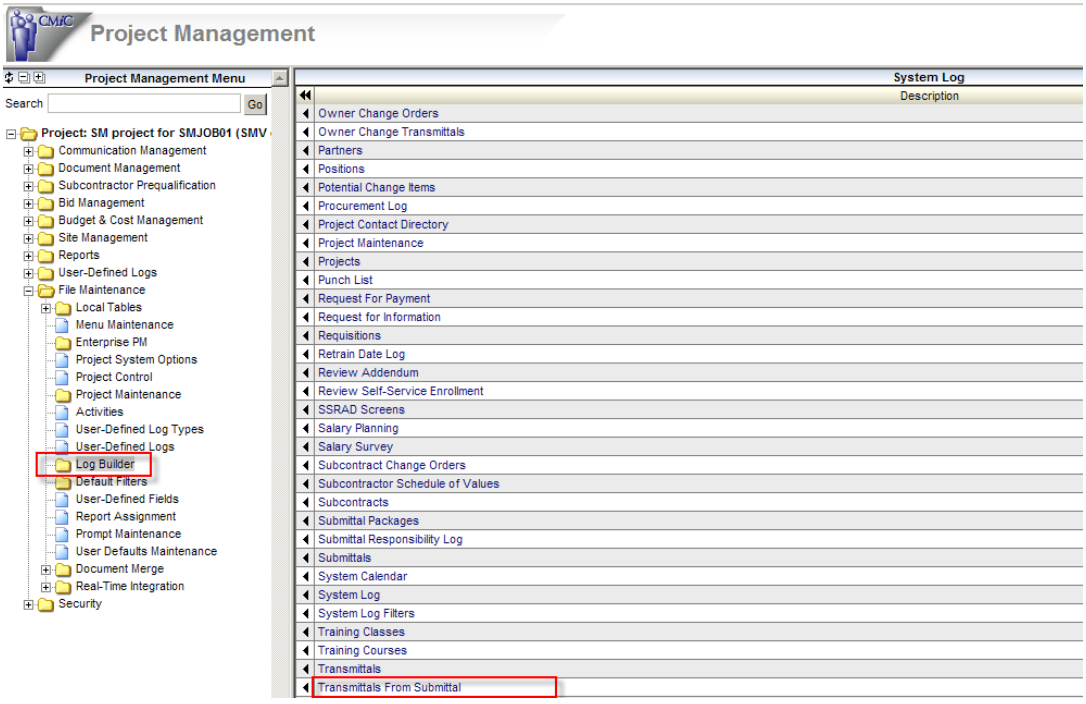


Forecast Comments are tied to each forecast period, for the current contract.



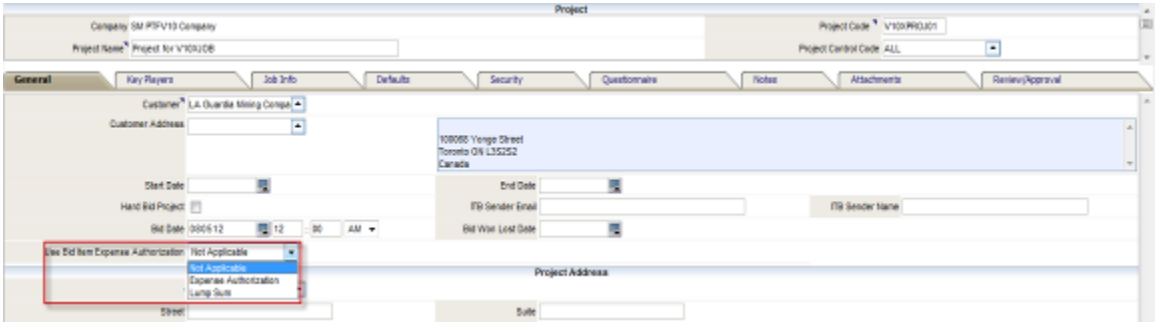
Editing of the UDF's in the Forecast Comments is allowed only for forecast periods after and including the JC Control forecast period.

Log for Transmittals Created from Submittals (12.74982)



A new Log Definition for Transmittals created from Submittals is now available under Log Builder. User-defined logs can be created based on this log definition:

Bid Item and Budget Update for Lump-sum (12.69720)



The Expense Authorization flag has been changed to a drop-down with 3 options: Not Applicable, Lump-sum and Expense Authorization. The default is set at the Company Control level, but can be overridden on the project.

- Not Applicable – (to maintain standard functionality)
- Expense Authorization (for current EA function)
- Lump Sum

The selection made at the company level determines the **default** value of the project level option. The value can be overridden at the project level.

LUMPSUM

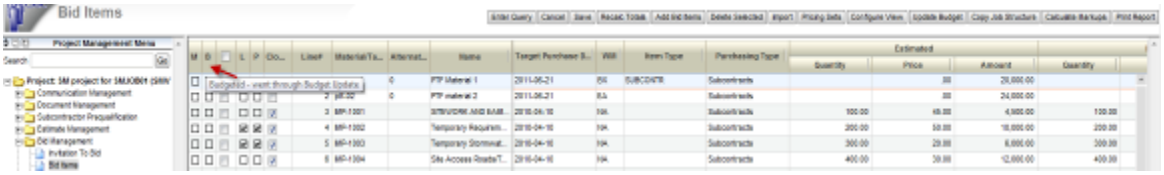
When the Lump Sum option is selected, the following apply:

1. Bid items included in a budget update would not be editable after the budget was updated.
2. Bid items that were not selected for budget update would not be available in LOV on bid items button on subcontract or subcontract change order, except in the following cases:
    - Bid items that are linked to a posted PCI will always be available to select into an SC or SCCO.
    - Breakout bid items (created from a partial purchase) would be available to select into an SC or SCCO (they would always come from a bid item that was part of the budget update or a posted PCI)
3. Analyze Bids (Buyouts): when the "Select" flag is checked for a bid item that is not available the message '**Related Bid Item is not included in the budget**' is displayed.

EXPENSE AUTHORIZATION

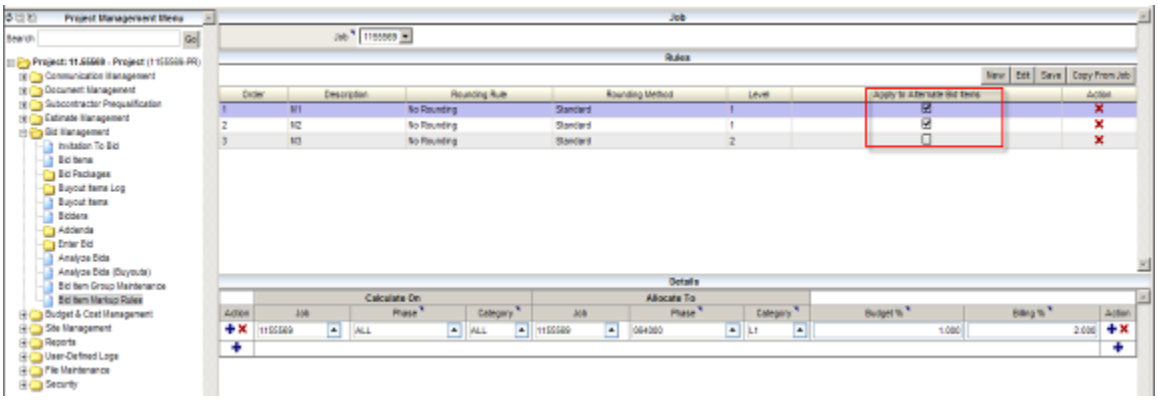
When the Expense Authorization option is selected, previously programmed changes for Expense Authorization still apply, but additionally, further validation has been programmed so that bid items not linked to a posted PCI will not be available for selection into a Subcontract or Subcontract Change Order.

Budget Update Column in Bid Items

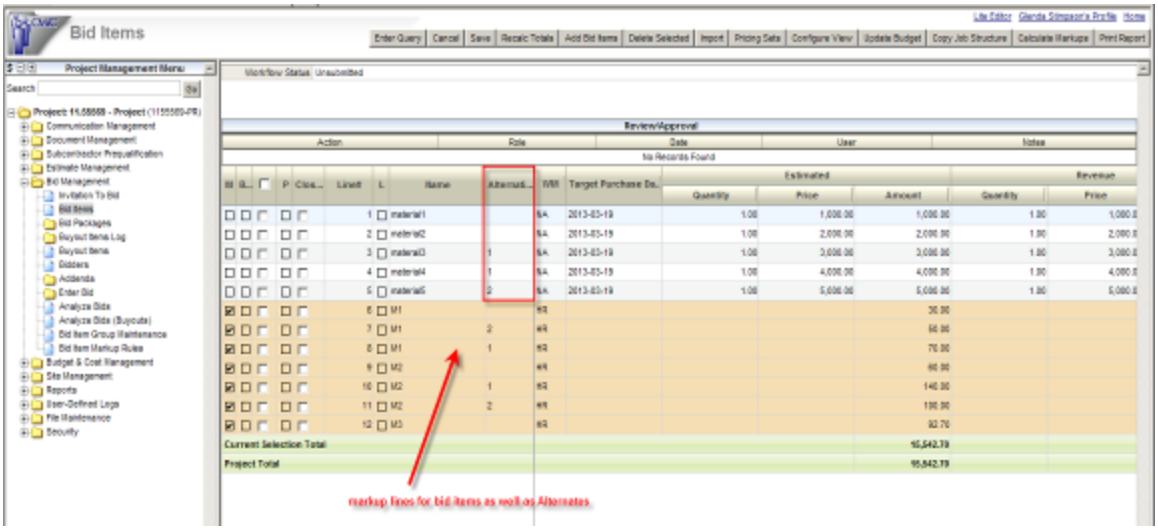


An additional column '**Budget Updated**' has been added to the Bid Items screen, as part of the above changes. This column is only updated by the system whenever a bid item has been used to update the budget (via the Update Budget feature). After the update (for Lump-sum and Expense Authorization projects), the bid item is locked from further updates, and the fields are disabled from editing.

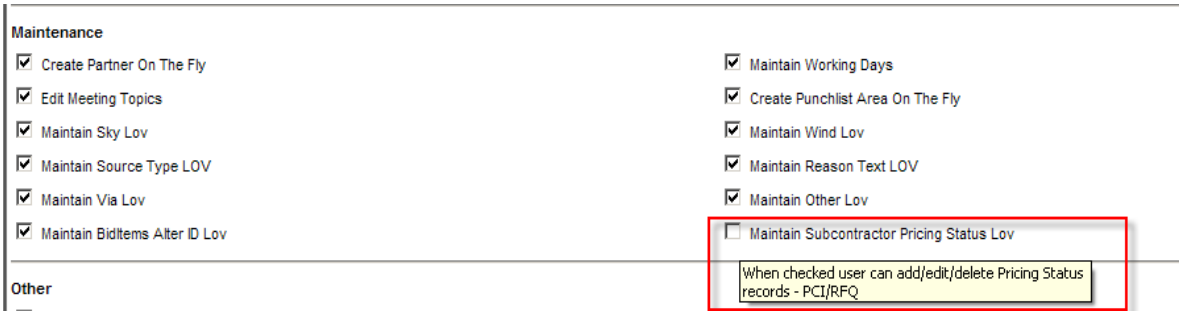
Bid Item Markups for Alternate Lines (11.62620)



Bid item markup calculations for Alternates - introduced a new flag to indicate that markups are to be calculated on Alternates as well.

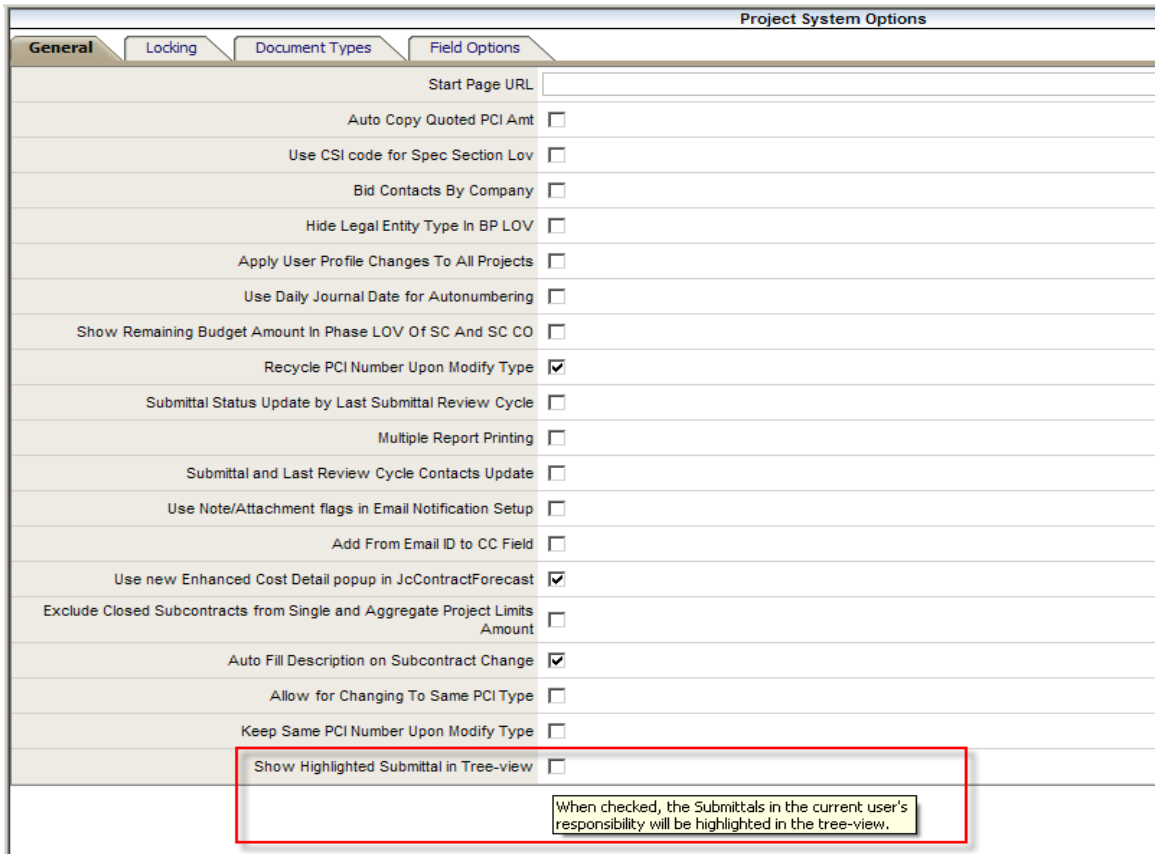


PCI Tracking Log – Project Role Privilege (12.69254)



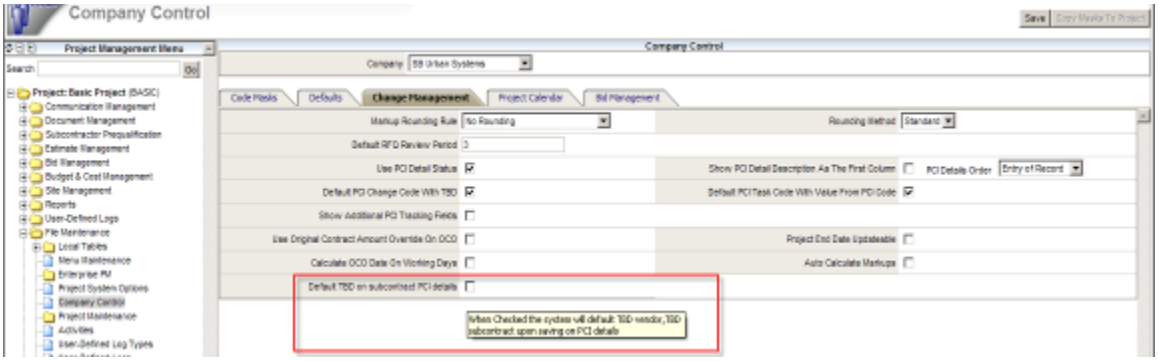
PCI Tracking Log - Added project role privilege to Maintain Subcontractor Pricing Status LOV (PCI-RFQ); Added PCI Post Date field to the PCI Tracking Log as well.

PM System Options flag to Show Submittals in Tree-view (13.75951)



Added the PM System Option flag '**Show Highlighted Submittal in Tree-view**'. When checked, the Submittals in the current user's responsibility will be highlighted in the tree-view.

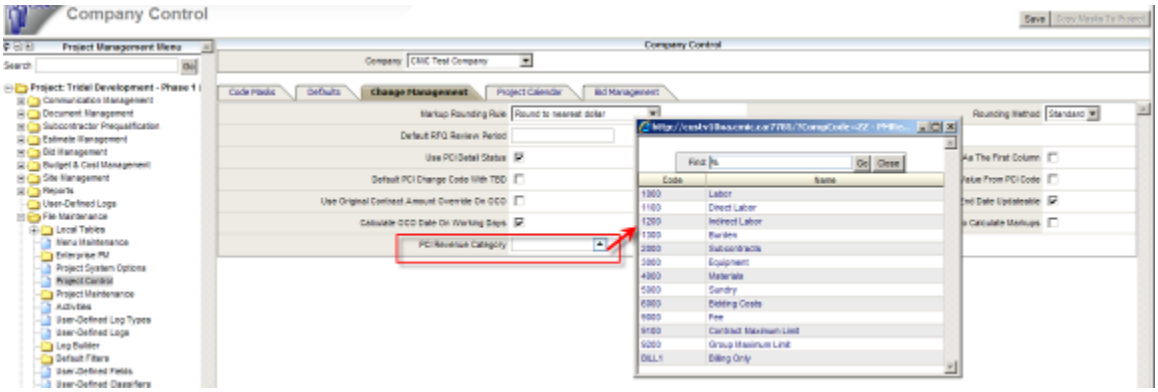
Project Control Flag to Default TBD for Vendor/Subcontract in PCI (12.70086)



Added a company level control flag (Change Management tab) called 'Default TBD on subcontract PCI details'. When this flag is checked, for all External, Internal, and Transfer PCI's, if the vendor field is left blank on a PCI detail line where the category is flagged as available in SC, the system will default TBD as vendor and TBD as subcontract. The change code is automatically set to '000'.

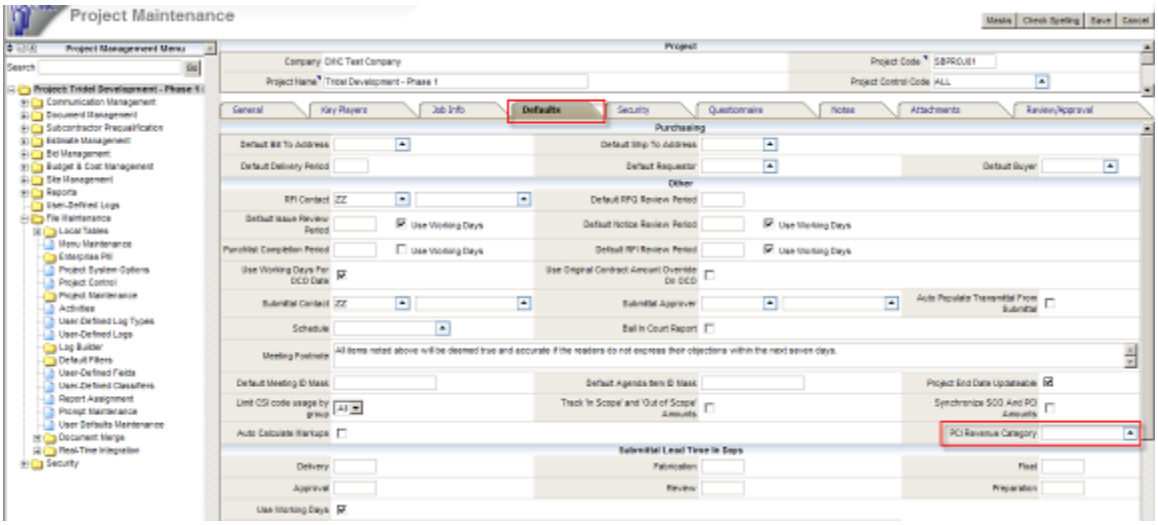
Suppress Billing Data for non-Revenue Category in PCI (12.70248)

Added the ability to suppress calculation of Billing Amounts for a selected category set in the Project Maintenance. The value is inherited from the PM Control, but can be overridden.



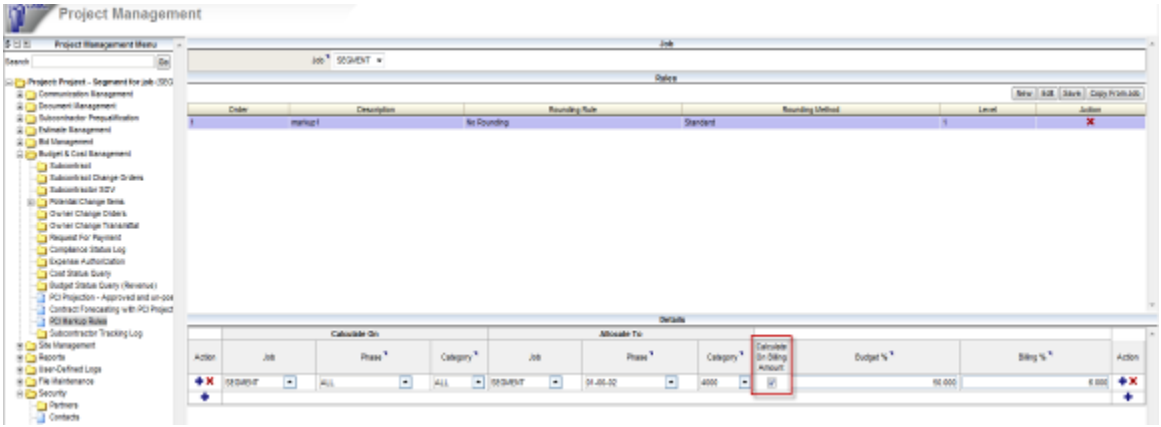
The Revenue Category can be set in the field '**PCI Revenue Category'** located in the Project Control – **Change Management tab**. Initially the value is null to preserve standard functionality, but the user can select a value from the LOV, which lists only the categories which allow billing.

This default value set for the company will default to new projects created in that company. At the project level, the value can be set/overridden in the **PCI Revenue Category** field in the **Defaults tab** of the Project Maintenance record:



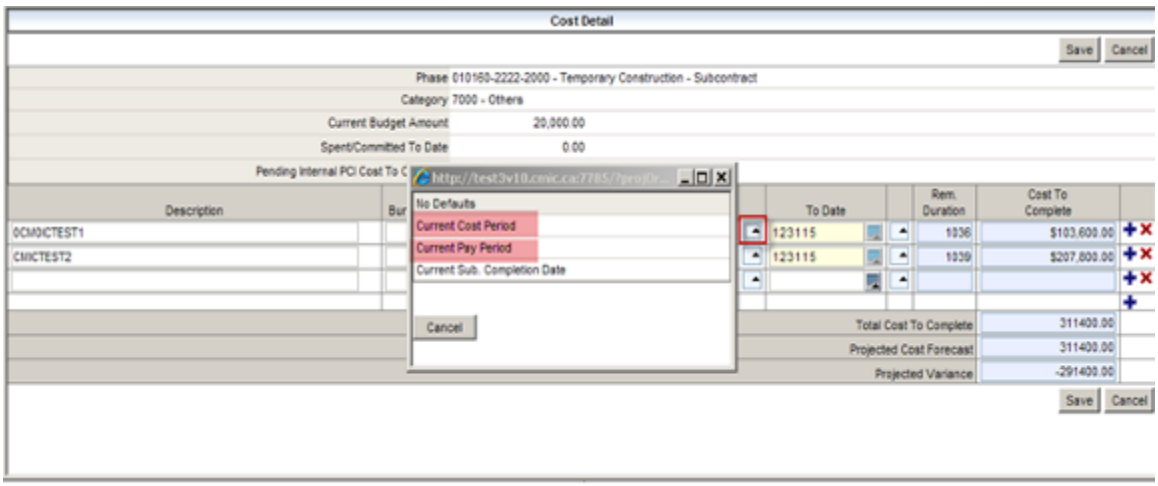
When the value is set for the project, PCI detail records created using any category other than the designated Revenue Category will have the Billing Qty, Billing Price and Billing Amount suppressed (i.e. these values will be zero). For the PCI detail lines using the Revenue Category, the Billing Qty, Billing Price, Billing Amount will be determined in the standard way i.e. the rightmost-value from Estimated, Quoted and Final.

Calculate Markup on Billing Amount (13.76520)



The new checkbox '**Calculate Markup on Billing Amount**' (with field security) has been added to the PCI mark-ups setup screen. The flag is located on the detail section. When the user checks this flag, the system will apply the Budget % to the Billing Amount and allocate it to the Final Amount on the markup line.

Enhancement to Contract Forecasting for current cost period
(12.74967)

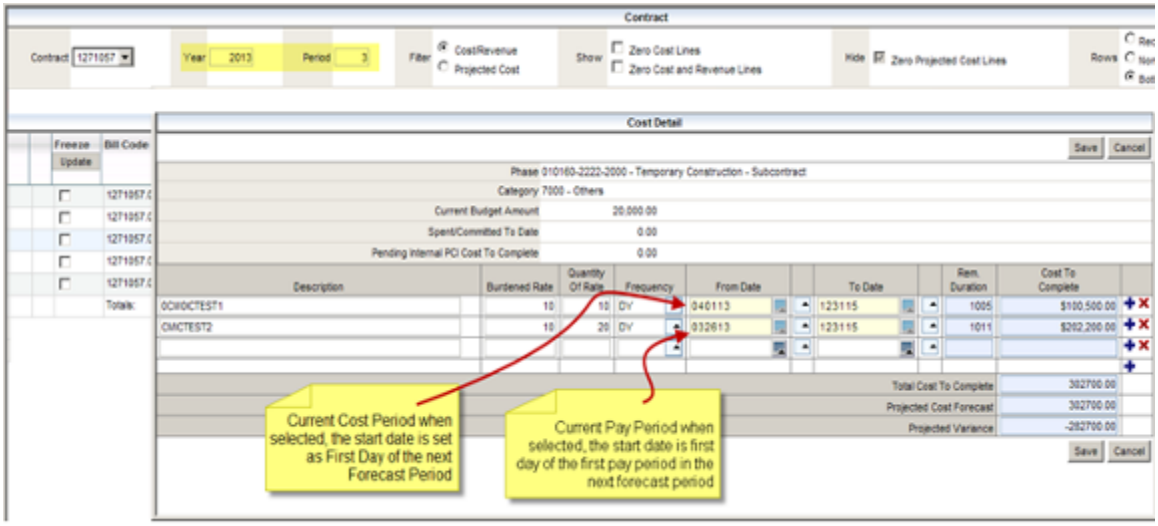


The Cost Detail popup ‘From Date’ field in JSP Contract Forecasting is modified when selecting the options Current Cost period or Current Pay period.

Modifications:

The JSP Contract Forecasting with PCI Projections Screen > Cost Details popup is modified with the following logic for the ‘From Date’ fields

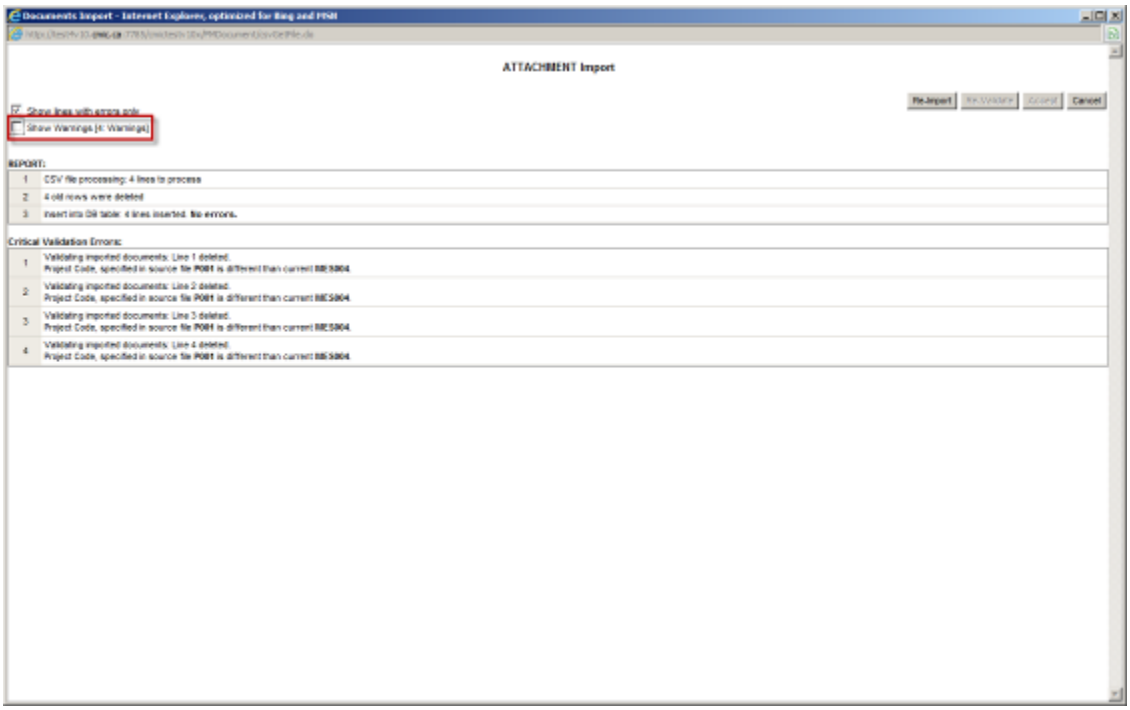
1. Current Cost Period – First day of the next forecast period
2. Current Pay Period – First day of the ‘First Pay period’ of the next forecasting period



NOTE:

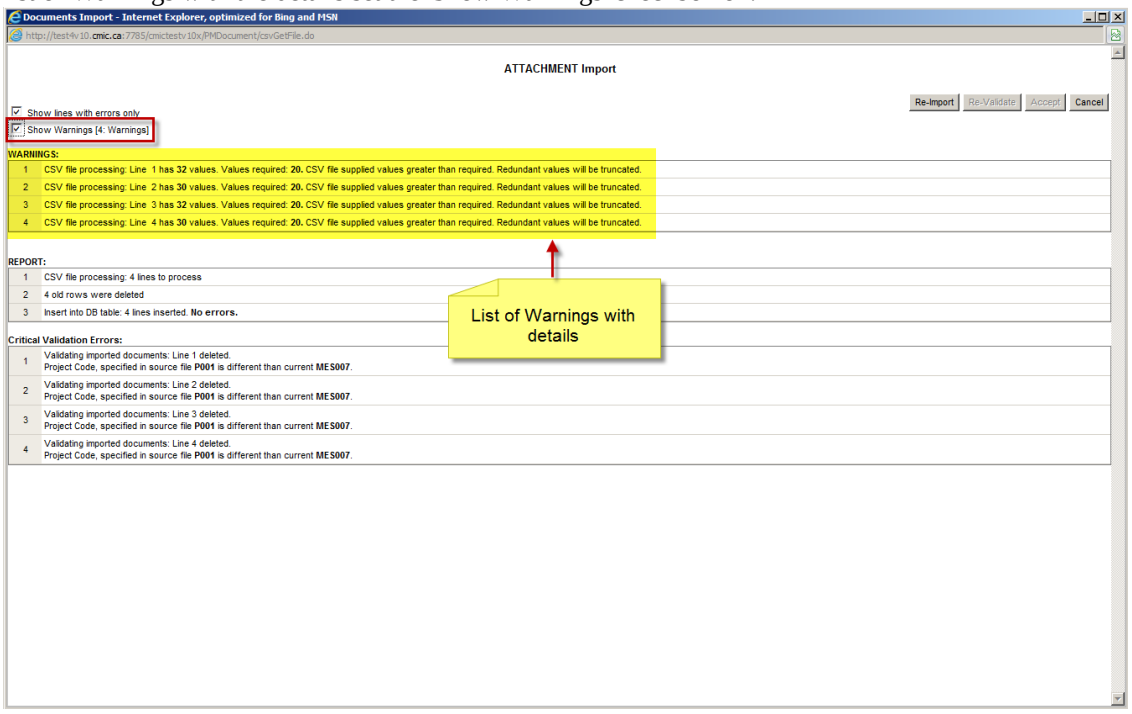
Currently the modification is effective when only one pay period is used. There is a limitation when multiple pay periods are setup within a company and the program would select the date as per the first occurrence in the database.

Enhancement to Import Utility for Documents, Bid Items, Subcontract SOV, Activities (12.67091)

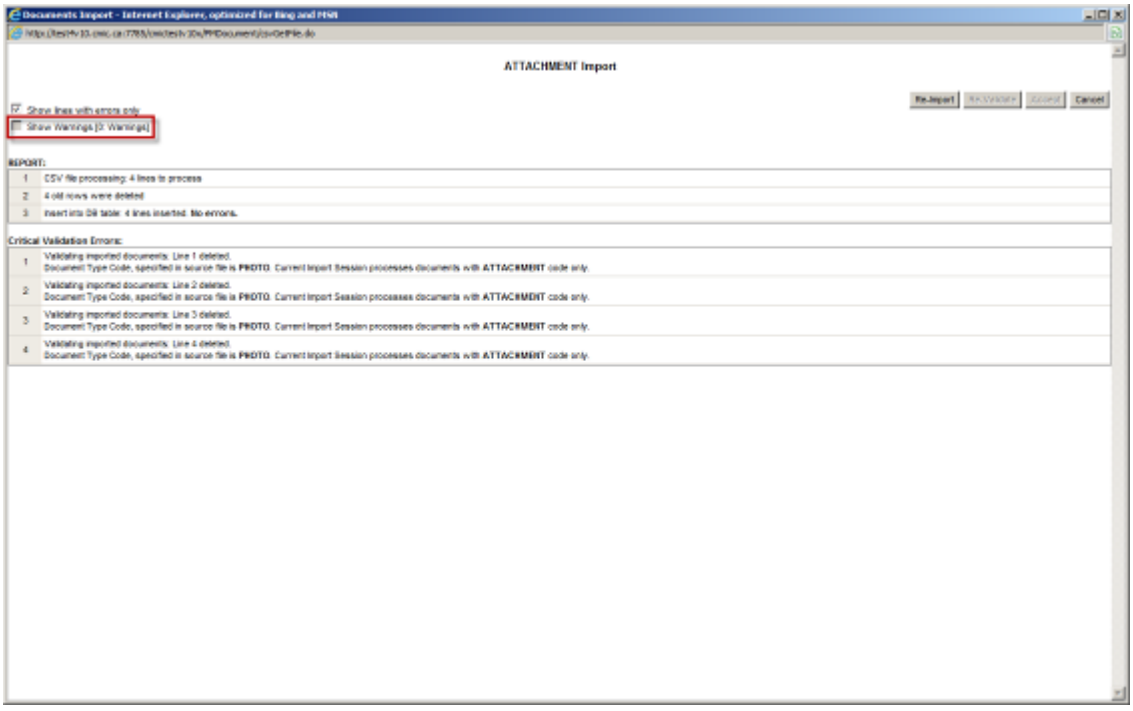


To distinguish the Errors from the Warnings the Import utility for Documents, Bid Items, Subcontract SOV and Activities was modified with introduction of 'Show Warnings' checkbox.

By default this checkbox is unchecked and the information about Warnings is displayed next to it. To see the list of Warnings with the details set the 'Show Warnings' checkbox on:



If there are no Warnings in the import the message '[0:Warnings]' is shown and the 'Show Warnings' checkbox becomes inactive (grayed out):

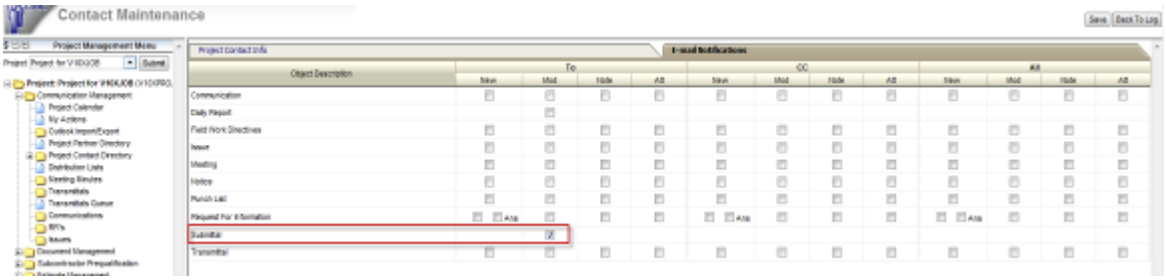


NOTE:

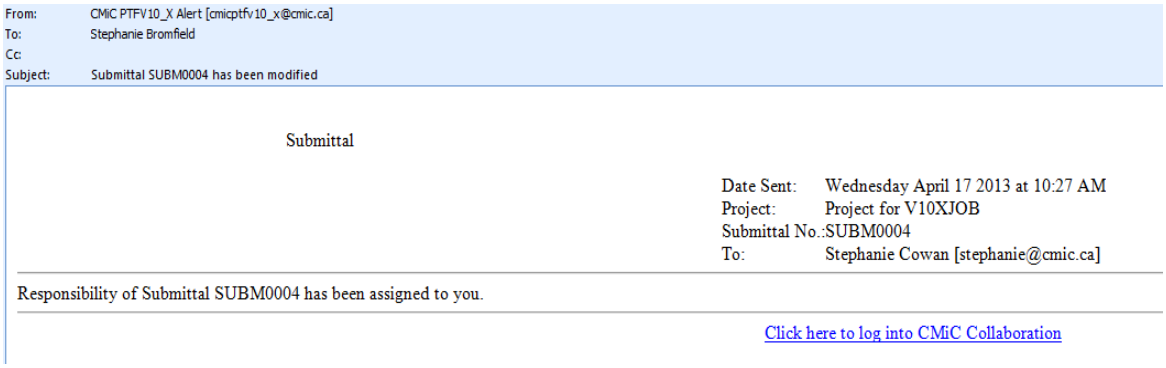
The shown screenshots are made using the Document import utility. The view of the import windows for other modules may vary due to module specificity.

Submittals - Email Notification for Responsibility Change (13.77148)

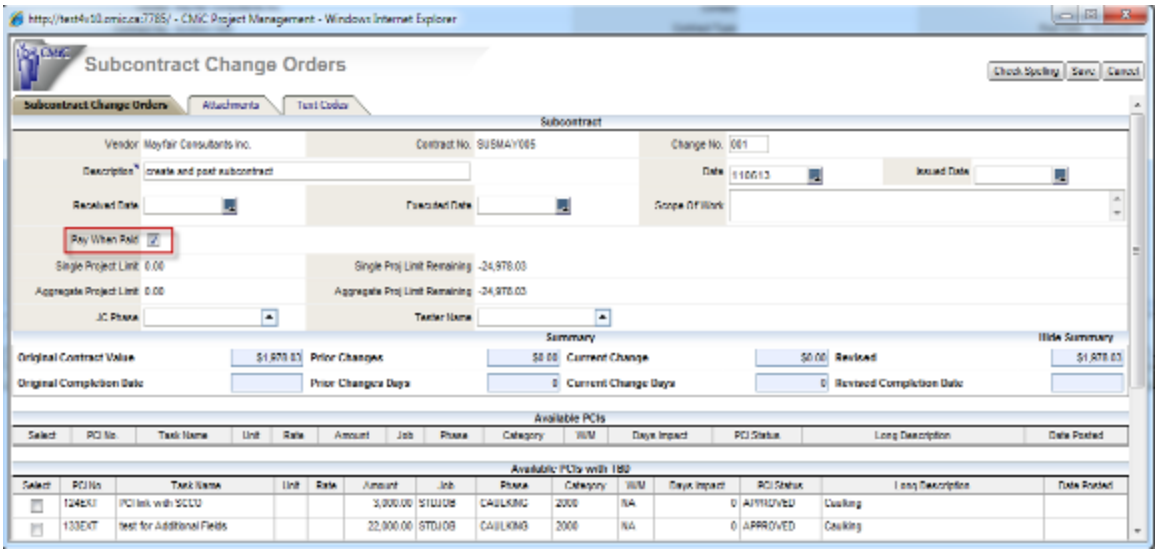
Enhancement has been made to generate an automatic email notification for Submittal on change of responsibility to an external contact. To facilitate this, the Submittal object has been added to the list of PM objects for which Email Preferences can be set on the Contact record:



The 'To' contact for the submittal actions where applicable (Sent) , with the email preference setup, will receive an email alert:

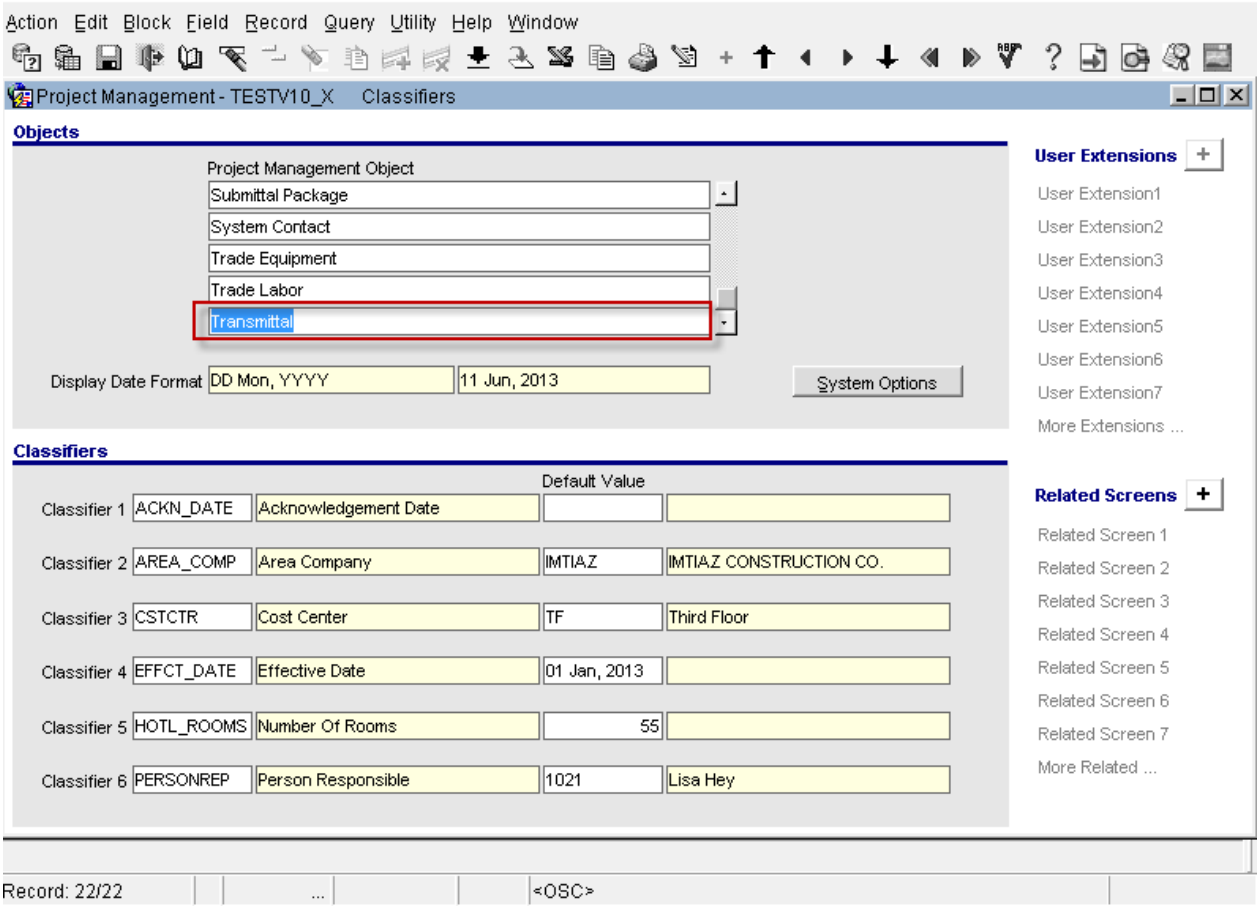


Pay When Paid Flag Added to Subcontract Change Orders (12.69057)

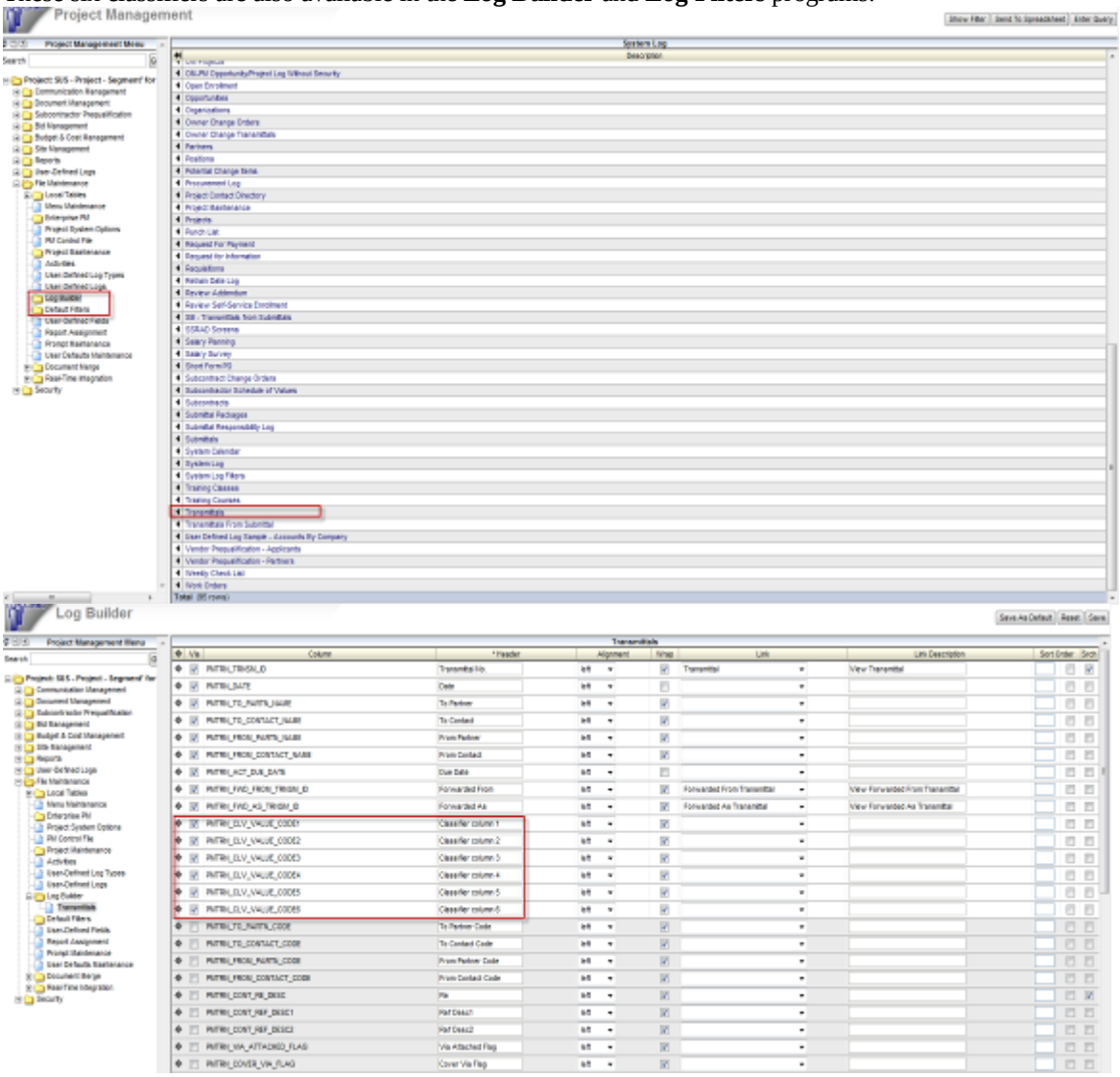


The Pay When Paid flag has been added to the Subcontract Change Order screen. The flag can be edited for un-posted and posted change orders.

UDF's and Classifiers for Transmittals (13.75711)

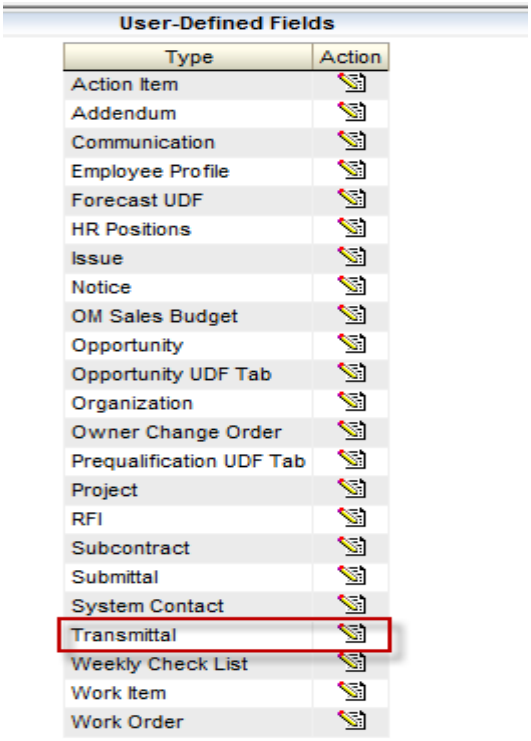


Six Classifiers can now be defined for the Transmittal object in Forms version. Even though they are defined in FORMS they are only available for use in the Transmittal program in JSP.
These six classifiers are also available in the **Log Builder** and **Log Filters** programs:



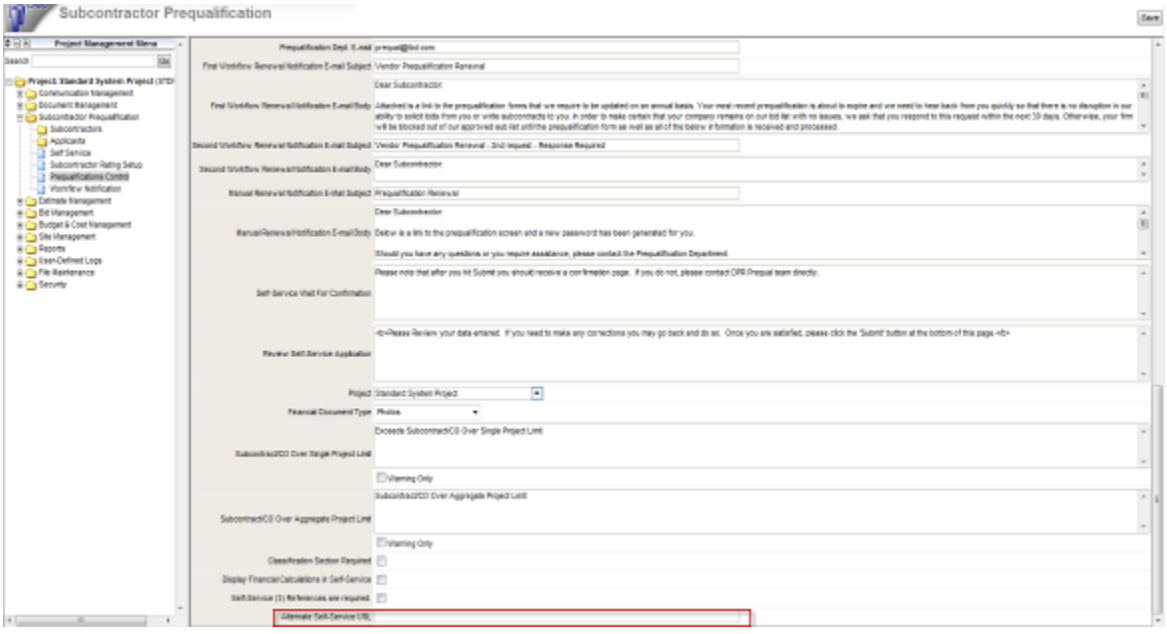
The Transmittal Log will show the classifiers.

User-Defined Fields can also be defined for Transmittals in PM JSP:



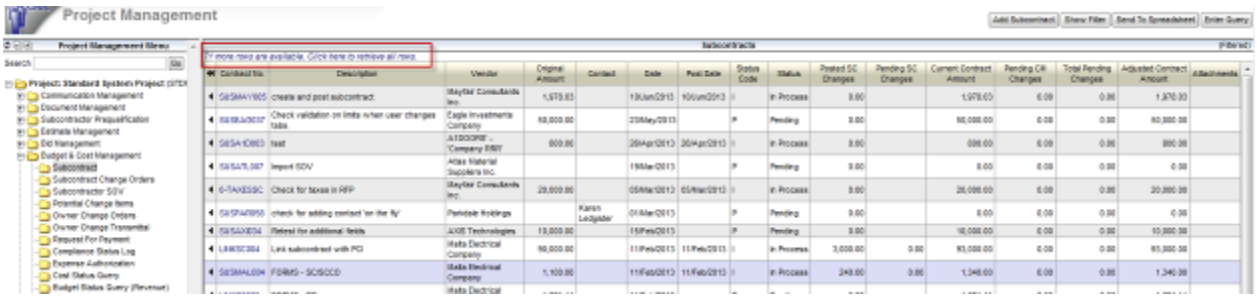
Alternate Self Service URL for Subcontractor Prequalification

(13.78574)



Added the field '**Alternate Self-Service URL**' to the Prequalification Control. This field can be used to provide an alternate URL for external users, so that they do not have access to the client's internal server.

JSP Logs – Additional Records Link (13.76673)

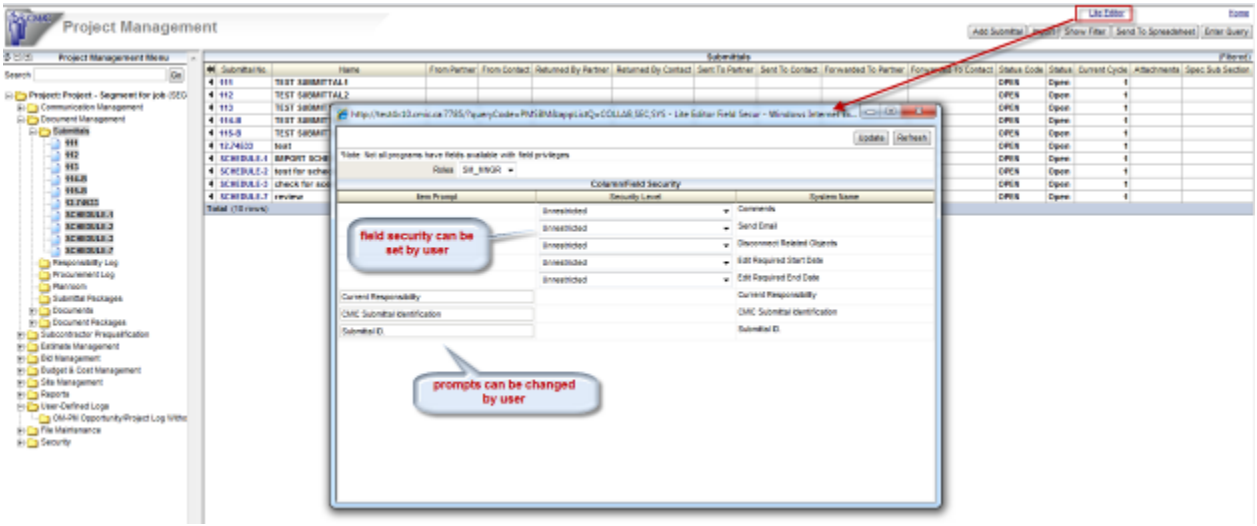


The additional records link "**xyz more rows are available. Click here to retrieve all rows.**" has been added at the top of the logs in JSP.

Field Security for Spent/Committed Total (13.76683)

Contract Forecast with PCI Projections - Added field security for column Spent/Committed Total.

Lite Editor in JSP (12.75407)

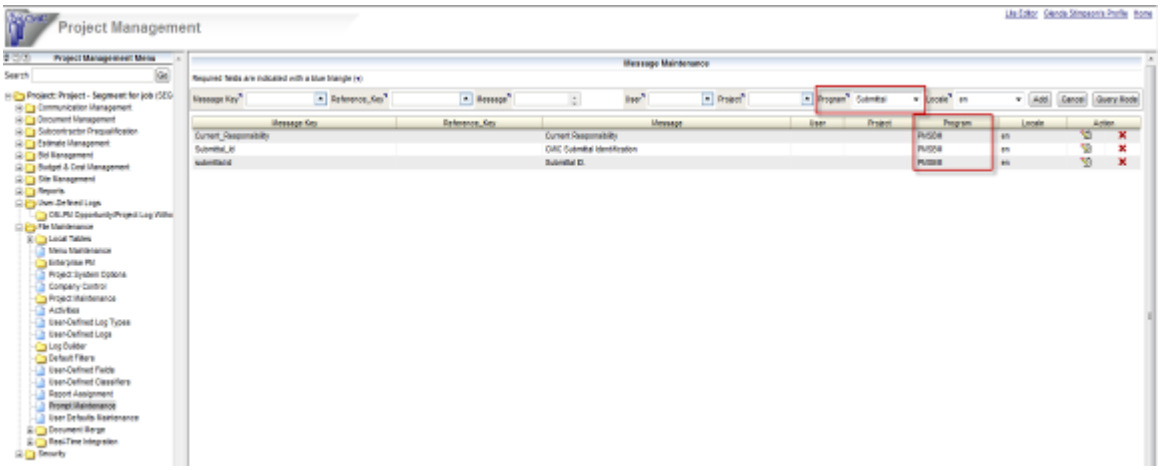


Lite Editor has been added to JSP. It can be secured using field security. This feature allows the user to set up field security and prompt maintenance for JSP programs (such as Communications, Submittal, Issues, Daily Journal etc.) in one screen without going to the Prompt Maintenance or Field Security programs directly. That is, the user can perform these actions and effect the updates without leaving the active program. The changes take effect right away.

NOTE: Not all programs have fields available with field privileges.

The same fields for field security are displayed whether the Lite Editor is accessed while in a log or a particular record of the same log.

The prompts that appear in the Lite Editor for a given JSP program is based on the setup/definition that is done in the Prompt Maintenance program as shown below. To add or remove fields, this has to be done by selecting or clearing the appropriate program from the field record:

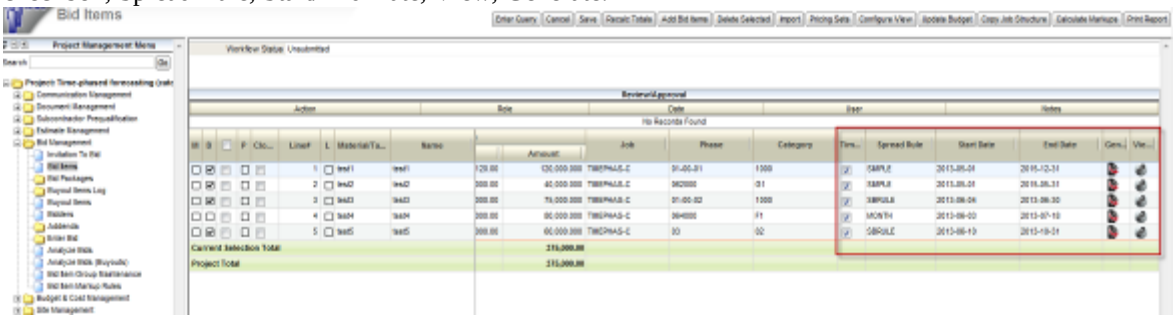


Time-Phased Budgeting in Bid Items and JSP Contract Forecast with PCI Projections (12.68914)

Added Time-phased Budgeting functionality to Bid Item Entry and Contract Forecasting with PCI Projections.

Bid Item Entry

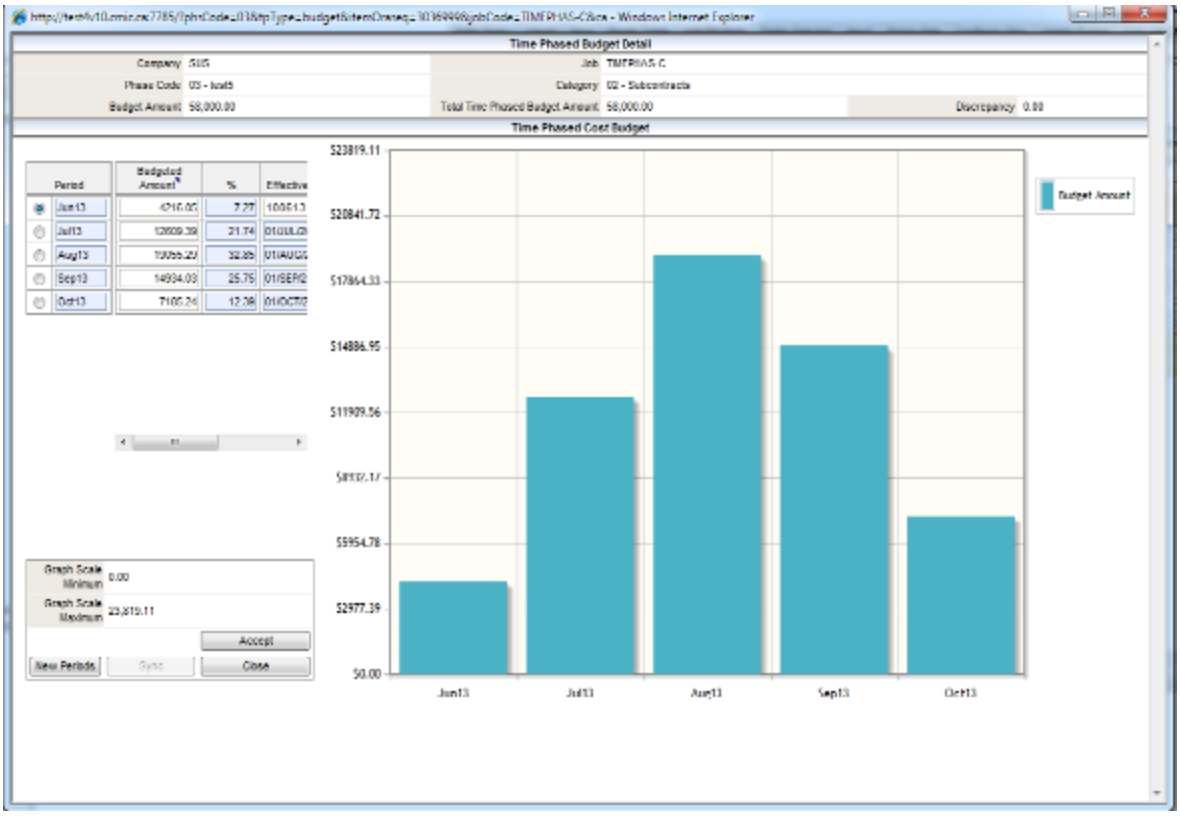
Related Time-Phased columns have been added to the Bid Items Entry screen. These are Time Phased checkbox, Spread Rule, Start/End Date, View, Generate.



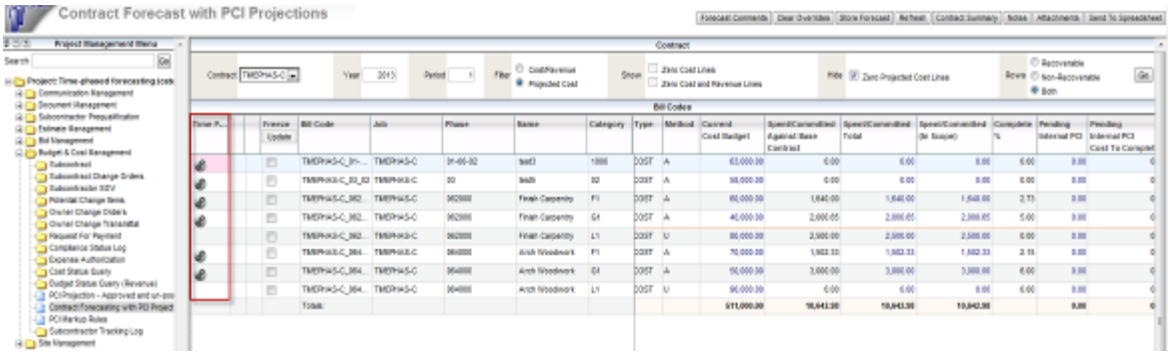
- The initial job setup is done in FORMS (i.e. Spread Rule, Job, Master Phases, Master Categories).
- The **Time-phased checkbox** and the **Spread Rule** become available for any bid item that has job/phase/category that is defined as Time-Phased.
- When suitable Start and End Dates are added for a bid item, the **View** and **Generate** buttons become enabled for use.
- The bid item must have been used in at least one [Update Budget] action (the '**Budgeted – went through budget update**' flag will be checked), for the generation to occur.
- The PM JSP Bid Item Time-Phased Budgeting is at the category level, which means that the JC Control flag '**Detailed Time-Phased Budgeting**' needs to be set.
- Only Budget Methods **Units (U) and Amounts (A)** are supported (as per standard CMiC Enterprise functionality)

After Clicking the ‘Generate’ icon, the user will be able to view the time-phased graph generated by next clicking on the ‘View’ icon. The graph will be displayed in a separate content window:

Sample Time-Phased graph from JSP Bid Item Entry:



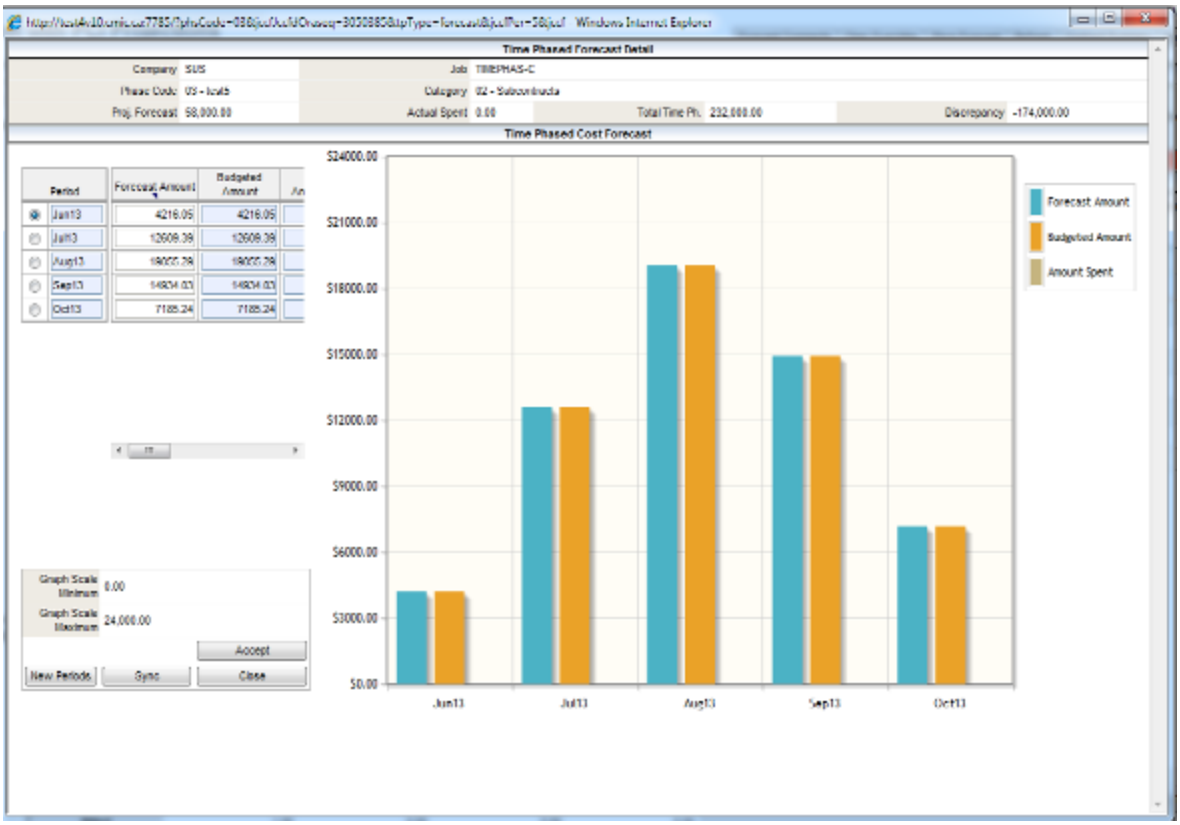
Contract Forecast with PCI Projections



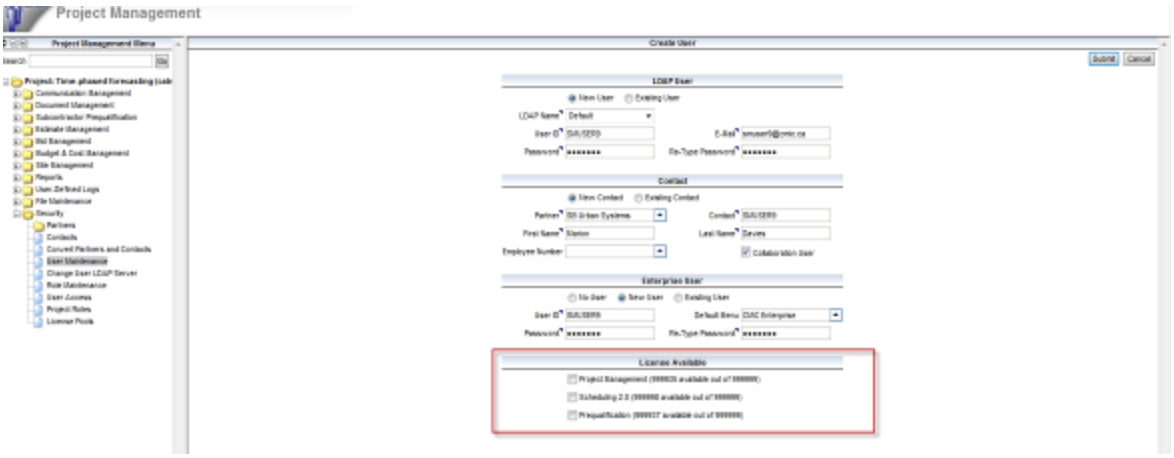
Added the **View Time-Phase** column to the Contract Forecast with PCI Projections screen (for category level forecasting). The icon is only available if the forecast record is 'Amount' Budget Method. Also, in the Bid Items screen, the Time-Phased icon is not shown if the Bid Item record is not part of the Update Budget and its phase/category does not exist on the job.

- Only Budget Method **Amounts (A)** is supported (as per standard CMiC Enterprise functionality)

Sample Time-Phased graph from Contract Forecast with PCI Projections:

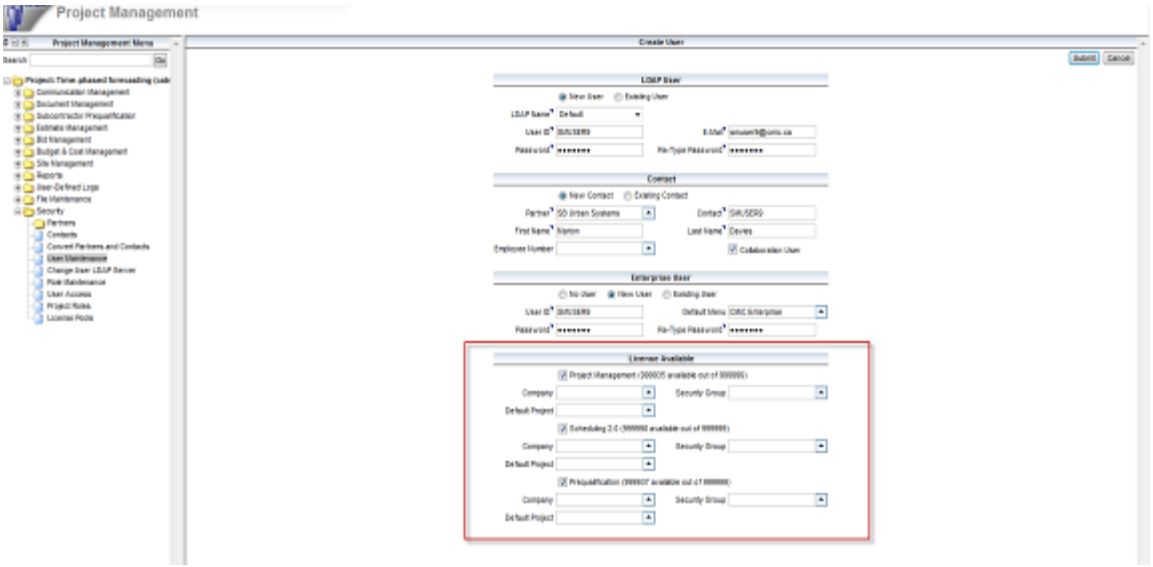


User Maintenance – Enhancement for Licensing for Collaboration, Scheduling and Vendor Pre-qualification (13.77461)



The User Maintenance screen has been enhanced to include the user licenses that are available for Project Management, Scheduling 2.0 and Vendor (subcontractor) Prequalification.

The checkboxes are not enabled until an Enterprise User ID is filled in. The options are expanded with additional fields for entry:



This new section is used to indicate if a user is included for licensing for any of the applications listed. The purchase of the actual license is still required before the user can start using the applications. Additionally, the security for the individual programs in the application must be applied per user role/user as required, in order for the user to use them.

IMPORTANT NOTE: Clients already using Vendor Pre-qualification will still have the programs access they had before, *HOWEVER*, when setting up new users for Vendor Pre-qualification access, they will need to use the Enterprise Security node to access the Pre-qualification Privileges and field security:

SC Prequal. - Issue Contracts To Non-Qualified Vendors and

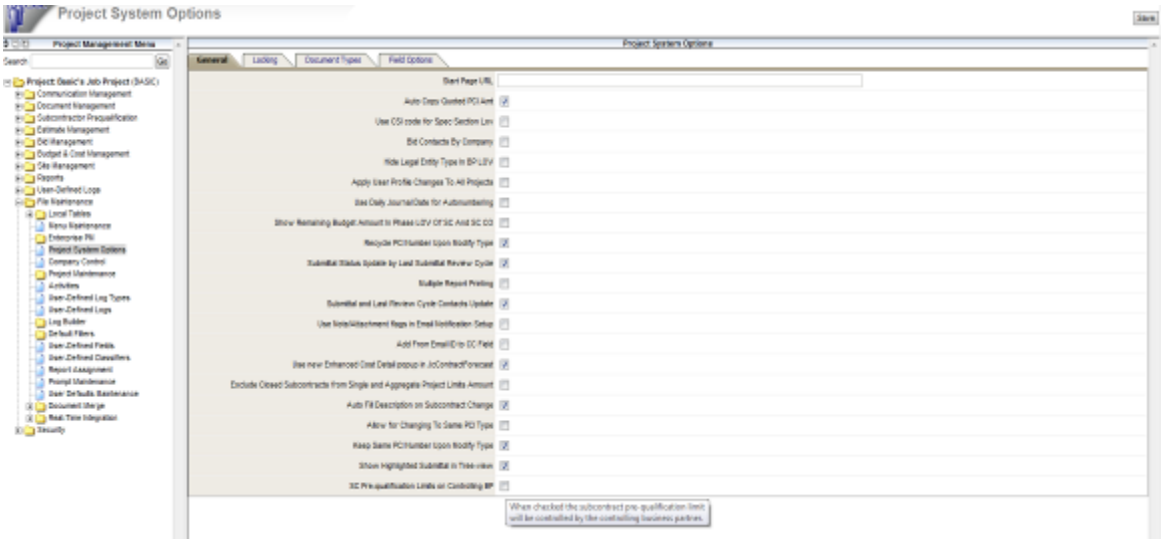
SC Prequal. - Workflow Button

Project Contact – Field Security for Password and Security Role (12.75352)

Added field security for the 'Change Password' icon, and the 'Security Role' icon, in Project Contact.

Prequalification Limits at Controlling BP Level (13.77789)

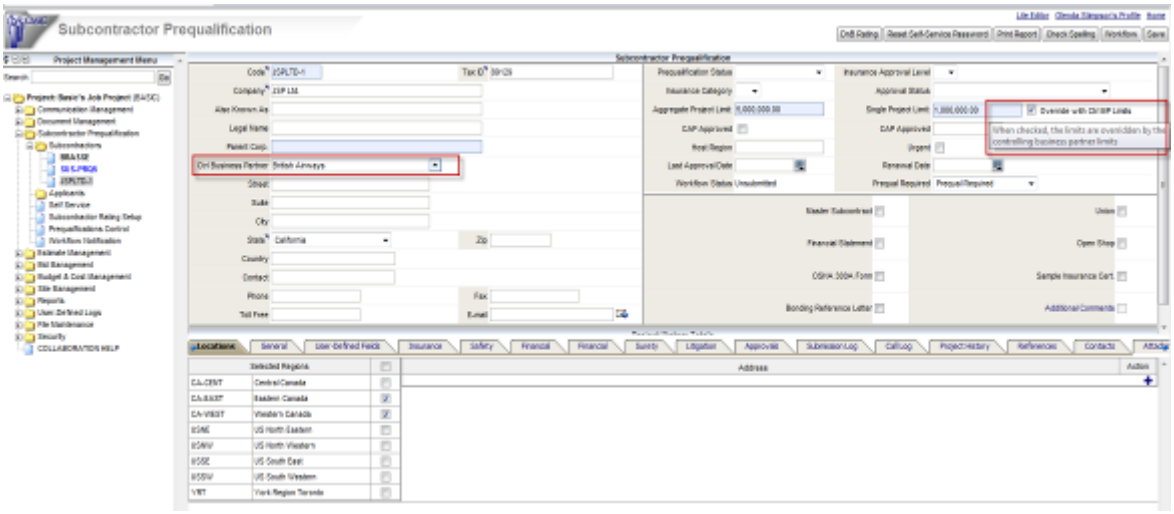
Changes have been made to allow the user to use the subcontractor prequalification limits set at the controlling business partner level to apply to the lower level business partners when subcontracts and subcontract change orders are written.



To accomplish this, the Project Management Systems Options flag '**SC Prequalification Limits on Controlling BP**' has been introduced.

When un-checked (default setting), the system will use the Single Project Limit and Aggregate Project Limit that is set on the prequalification subcontractor record to validate any subcontracts and subcontract change orders that are written for that subcontractor. This is the standard pre-existing functionality.

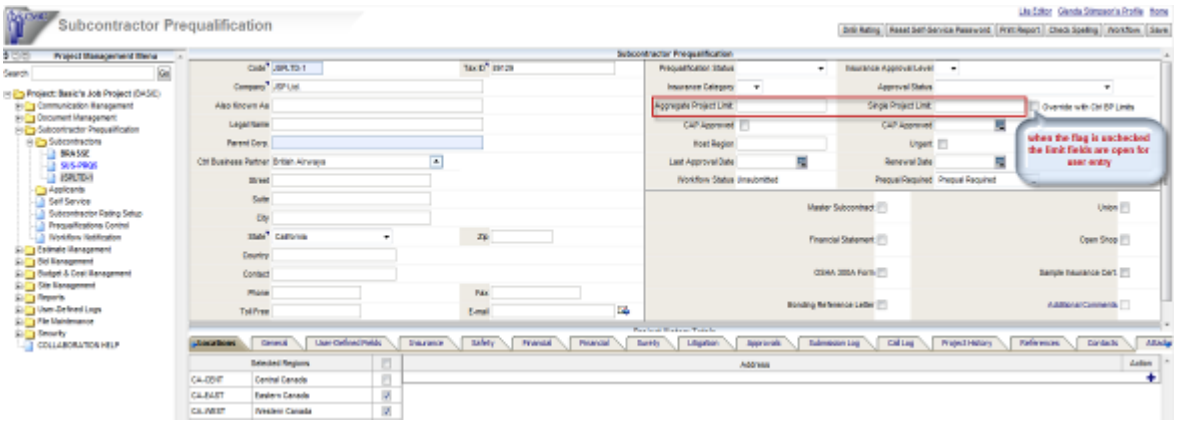
When the new PM System Options flag is checked, this setting defaults to any new Applicant records created in the prequalification Applicants screen, in the checkbox '**Override with Ctrl BP Limits**', and will be pushed to the Subcontractors screen when approved.



This new checkbox becomes **visible** for Applicants and Subcontrators alike, only when the new PM Systems Option flag is ON.

The 'Override with Ctrl BP Limits' flag will become **enabled** only for Applicant or Subcontractor records that have a controlling business partner value under the above condition.

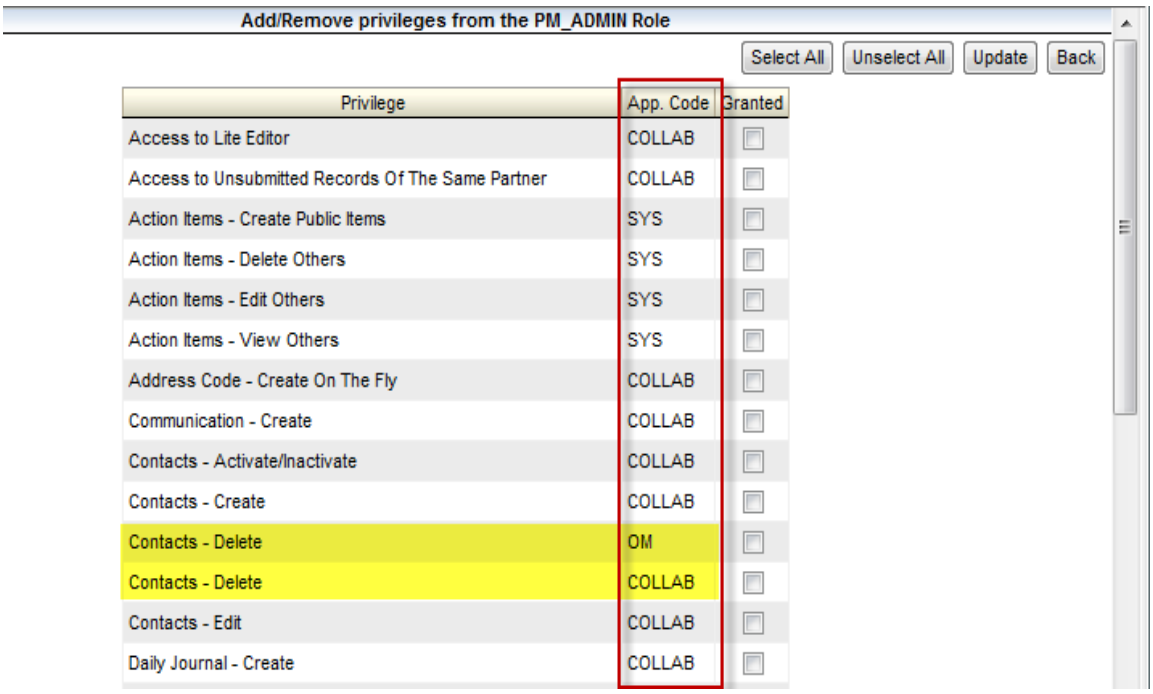
When the override flag is **checked** for any business partners below the controlling business partner, the Single Project Limit and Aggregate Project Limit fields are read-only and the prequalification limits on the controlling business partner are used to validate any subcontracts and subcontract change orders written for these lower level business partners.



When the override flag is **un-checked** for any business partners below the controlling business partner, it supercedes the PM Systems Option flag setting of ON. The Single Project Limit and Aggregate Project Limit fields become open for entry (if the record previously had individual limit settings these will show but can be overridden) and the prequalification limits validation for any written subcontract and subcontract change order is made against the individual subcontractor limits, allowing more flexibility under this PM Systems Option setting.

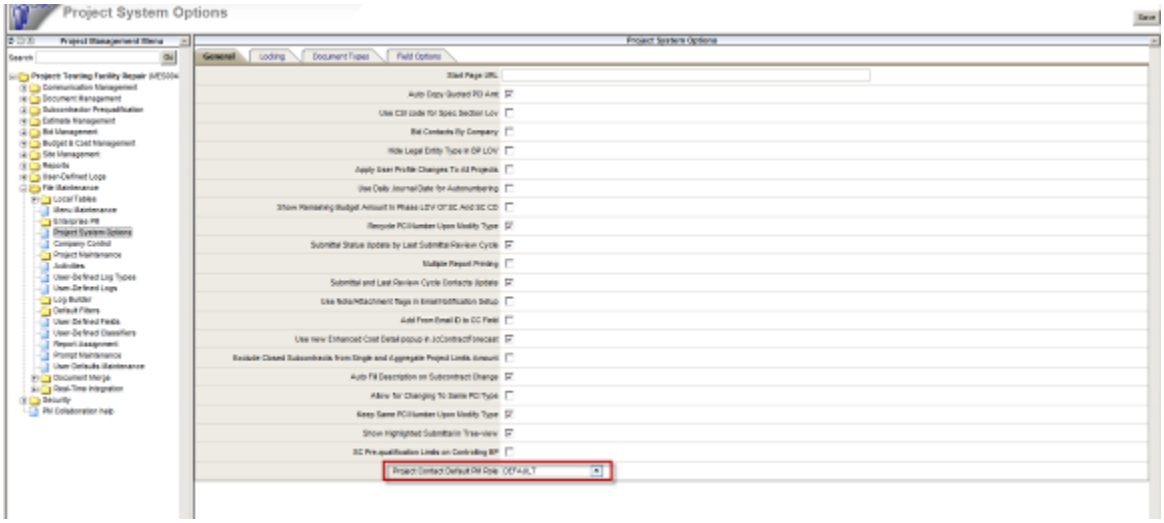
The **Ctrl Business Partner** field has been added to the Prequalification screen as part of this implementation.

Application Code in JSP Security Privileges Screen (13.76567)



The JSP Security Privileges screen has been enhanced to include the Application Code. This helps to differentiate records which appear to be duplicates, for example, the privilege 'Contact - Delete' which occurs for both OM and COLLAB (when accessed vi Enterprise Classic treeview).

Project Contact Default PM Role (13.75602)



Added the "**Project Contact Default PM Role**" field to Project System Options. This role will be used for the newly created PM contact if there are no project roles assigned.

Assume the default PM role has been set to "DEFAULT":

Example 1:

If the User is assigning a project contact from system contacts: the PM Role on the system contact is "ARCH". The system will assign "ARCH" to the contact at the project level.

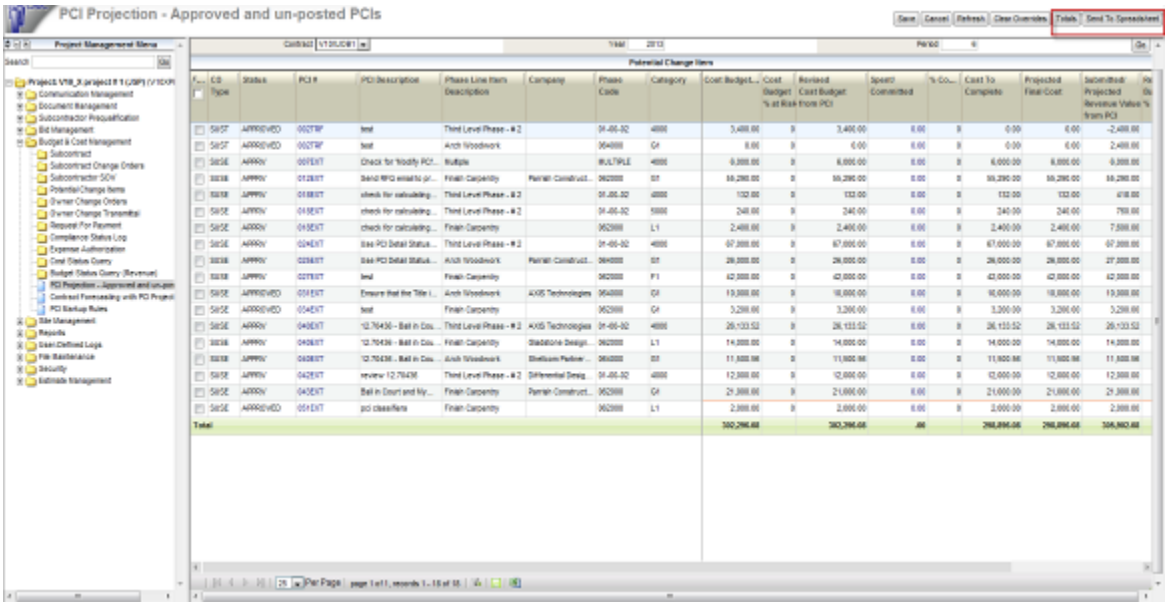
Example 2:

If User is assigning a project contact from system contacts: the PM Role on the system contact is not specified (NULL). The system will assign "DEFAULT" to the contact at the project level since it is the default PM Role specified in Project System Options.

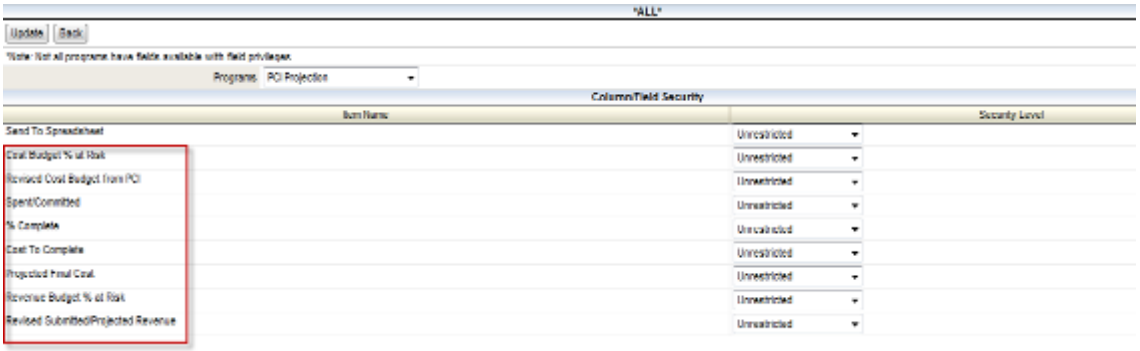
Example 3:

If User is creating a new contact (project-only or otherwise): the system will assign "DEFAULT" to the contact at the project level since it is the default PM Role specified in Project System Options.

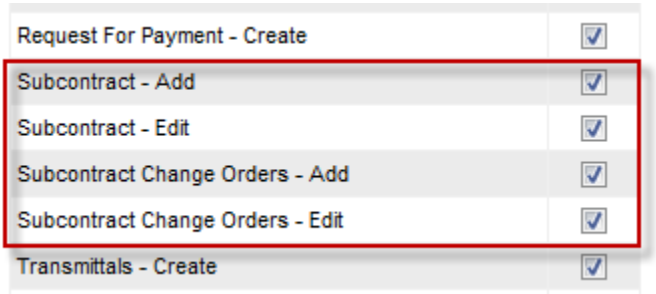
PCI Projection as Sigma Grid (12.71769)



PCI Projection - Converted the screen to a sigma grid and added the Totals button as well. This will show all the Amount columns. Also added field security to some columns:



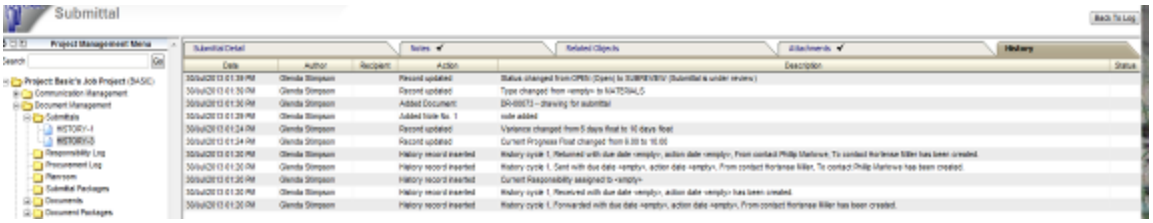
Collaboration Privileges for Subcontracts and SC Change Orders (13.78929)



Four new collaboration security privileges have been added for adding and editing subcontracts and subcontract change orders:

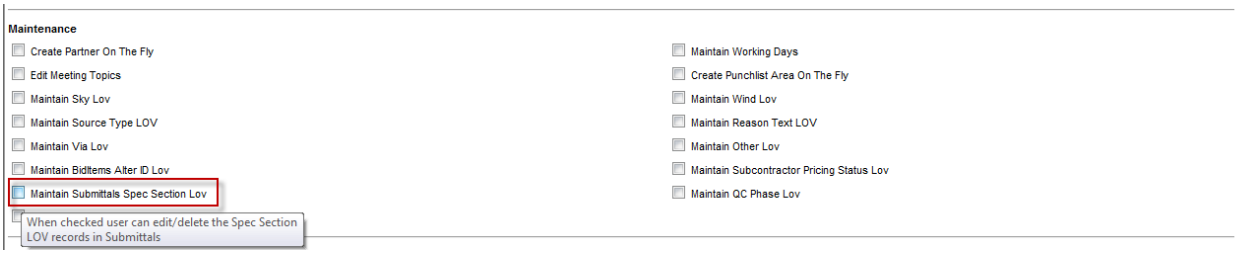
- Subcontract - Add
- Subcontract - Edit
- Subcontract Change Orders - Add
- Subcontract Change Orders – Edit

History tab in Submittal Screen (13.81158)



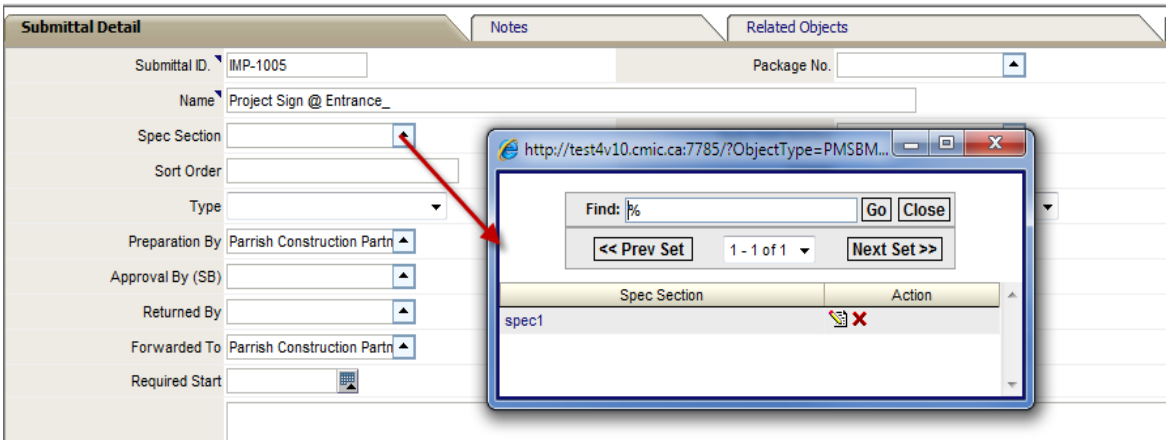
A History tab has been added to the Submittal screen. Each time an email alert is sent (for Sent action) or the submittal is updated, a record is added to the History tab indicating the date, user and nature of the update.

PM Role Privilege for Submittals Spec Sect. LOV (13.78779)



Added privilege for Submittals Spec Section LOV. The privilege is located in the 'Maintenance' section of the privileges screen.

When the new privilege is checked on a given project role, users with this role will be able to edit and delete Spec Section LOV entries.



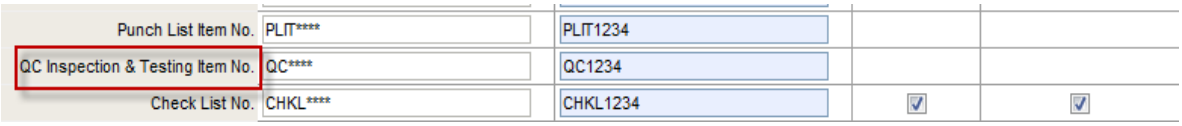
This Submittal Spec Section LOV maintenance capability **is not available** when the LOV is used to list CSI Codes in relation to the associated PM Systems Option flag.

PM Role Privileges and Masks for Extended Functionality (11.62536)

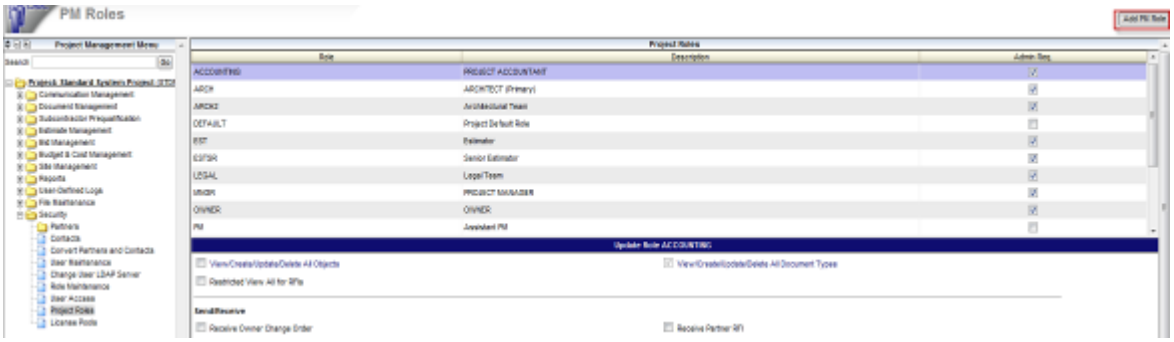


Two PM role privileges have been added and are related to extended functionality. These privileges are 'Maintain Definable Feature of Work LOV' and 'Maintain QC (Quality Control) Phase LOV'.

There also exists company level and project-level masks that is related to this extended functionality:

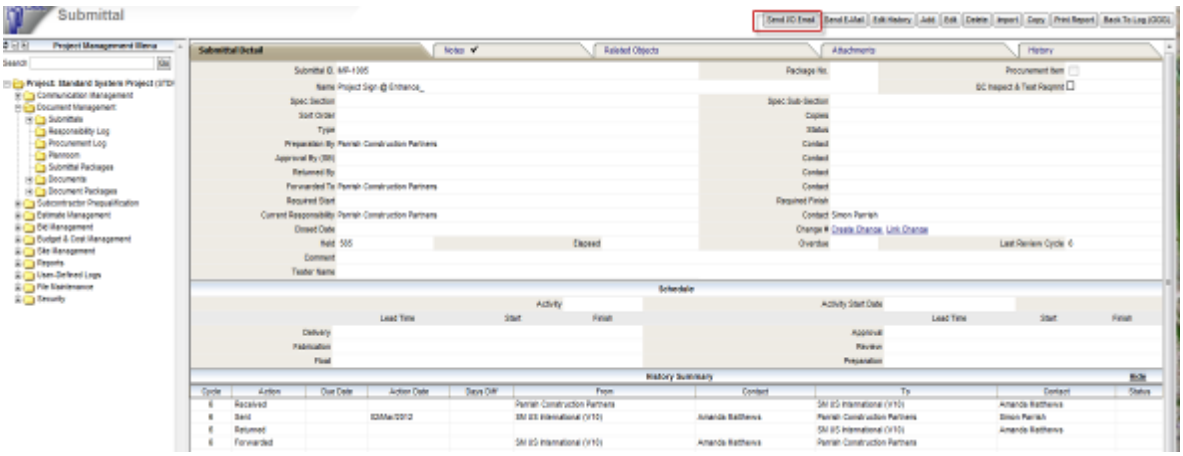


Creating Project Roles in PM JSP (13.81852)



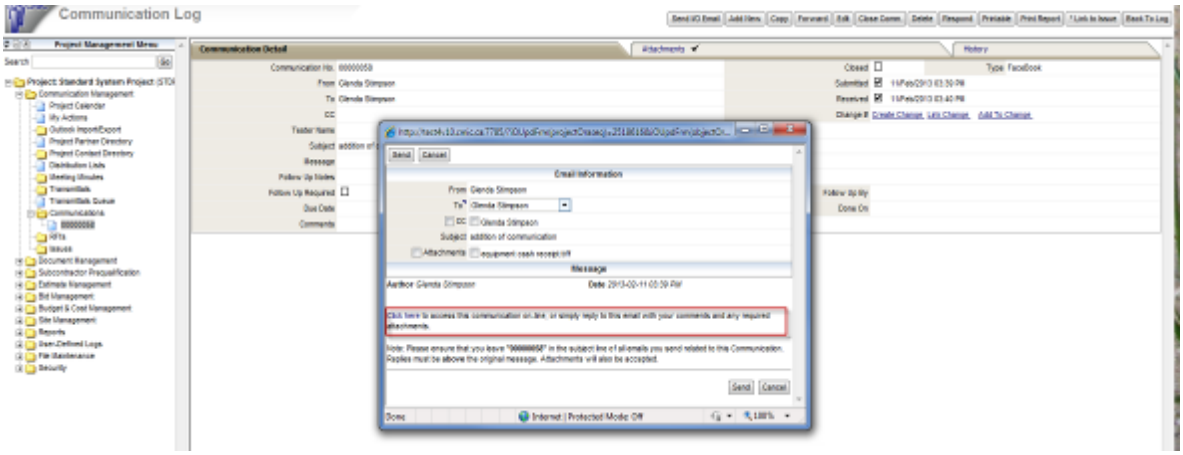
Project Roles creation is no longer restricted to the FORMS version of the product, but is now also available in JSP.

Submittals – Send I/O Button added (13.79943)



Applied changes to include Send I/O Email button in the Submittal header. The History tab is updated with all changes (I/O sent, notes, attachments) made to the record through I/O.

As part of this implementation, the text of the generic I/O email for all relevant PM objects has been modified to include a link that the collaborator can click on and access the object in the CMiC system:



Fri 9/20/2013 11:58 AM

CMiC I/O TestV10_x <cmiciotestv10_x@cmic.ca>

STDPROJSUSKW COMM 00000058 addition of communication

To Stephanie Bromfield

Communication 00000058

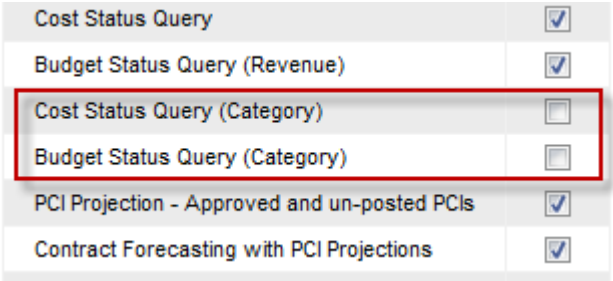
From	Glenda Stimpson
To	Glenda Stimpson
CC	
Project	Standard System Project
Subject	addition of communication

Author *Glenda Stimpson* **Date** *2013-02-11 03:39 PM*

Click here to access this communication on-line, or simply reply to this email with your comments and any required attachments.

Note: Please ensure that you leave **"STDPROJSUSKW COMM 00000058"** in the subject line of all emails you send related to this Communication. Replies must be above the original message. Attachments will also be accepted.

Cost Status Query and Budget Status Query by Category (11.64765)



Added logs for Cost Status Query (by Category) and Budget Status Query (by Category). Security for the new items can be set under Assign Menu Items.

The columns are all the same as for the Phase level, and the overall totals also match back, the only difference is that this presentation is at a more granular level: phase/category:



Additional Field in Submittal Import Control File (11.62536)

pmsbmt.ctl - Notepad

File Edit Format View Help

```
LOAD DATA
APPEND
INTO TABLE DA.PMFOREIGN_SUBMITTAL_IMPORT
FIELDS TERMINATED BY "," OPTIONALLY ENCLOSED BY '"'
(
  PMFSMI_COMP_CODE                                ,
  PMFSMI_PROJ_CODE                                ,
  PMFSMI_SBMT_ID                                  ,
  PMFSMI_SBMT_NAME                                ,
  PMFSMI_PKG_CODE                                 ,
  PMFSMI_REC_FROM_PARTN_ABBREV                    ,
  PMFSMI_REC_FROM_CONTACT_COD                     ,
  PMFSMI_RET_BY_PARTN_ABBREV                      ,
  PMFSMI_RET_BY_CONTACT_COD                       ,
  PMFSMI_SENT_TO_PARTN_ABBREV                     ,
  PMFSMI_SENT_TO_CONTACT_COD                      ,
  PMFSMI_FWD_TO_PARTN_ABBREV                      ,
  PMFSMI_FWD_TO_CONTACT_COD                       ,
  PMFSMI_REQUIRED_START_DATE      DATE 'DD-MON-RRRR',
  PMFSMI_REQUIRED_END_DATE        DATE 'DD-MON-RRRR',
  PMFSMI_CLV_VALUE_CODE1                          ,
  PMFSMI_CLV_VALUE_CODE2                          ,
  PMFSMI_CLV_VALUE_CODE3                          ,
  PMFSMI_CLV_VALUE_CODE4                          ,
  PMFSMI_CLV_VALUE_CODE5                          ,
  PMFSMI_CLV_VALUE_CODE6                          ,
  PMFSMI_SBMT_STATUS_CODE                         ,
  PMFSMI_ACTIVITY_START_DATE      DATE 'DD-MON-RRRR',
  PMFSMI_DATE_CHANGE_CODE                         ,
  PMFSMI_COPIES_NUM                               ,
  PMFSMI_CM_CODE                                  ,
  PMFSMI_LEAD_TIME_STAGE6                         ,
  PMFSMI_LEAD_TIME_STAGE5                         ,
  PMFSMI_LEAD_TIME_STAGE4                         ,
  PMFSMI_LEAD_TIME_STAGE3                         ,
  PMFSMI_LEAD_TIME_STAGE2                         ,
  PMFSMI_LEAD_TIME_STAGE1                         ,
  PMFSMI_SPEC_SEC_CODE                            ,
  PMFSMI_SORT_ORDER_NUMBER                        ,
  PMFSMI_CLOSED_DATE              DATE 'DD-MON-RRRR',
  PMFSMI_TYPE_CODE                                ,
  PMFSMI_SPEC_SUBSEC_CODE                         ,
  PMFSMI_PROCUREMENT_FLAG                         ,
  PMFSMI_ACTIVITY_CODE                            ,
  PMFSMI_QC_REQUIREMENT_FLAG
)
```

A new field has been added to the end of the Submittal Import control file. It is the Quality Control Requirement flag, and indicates whether a given submittal record is part of the **custom** Quality Control feature, of submittals. The flag is not mandatory so it should not affect existing standard functionality.

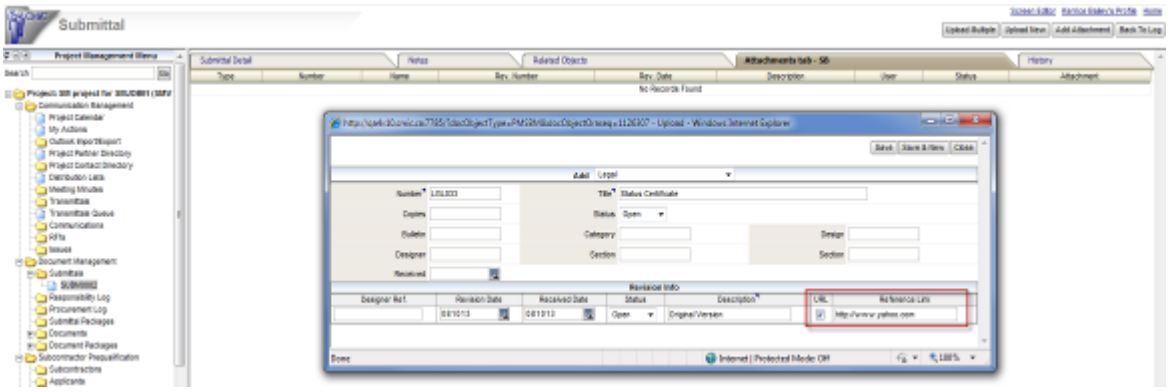
'Lite Editor' Changed to 'Screen Editor' (12.75407)

Made the following changes:

a) changed prompt from 'Lite Editor' to 'Screen Editor'

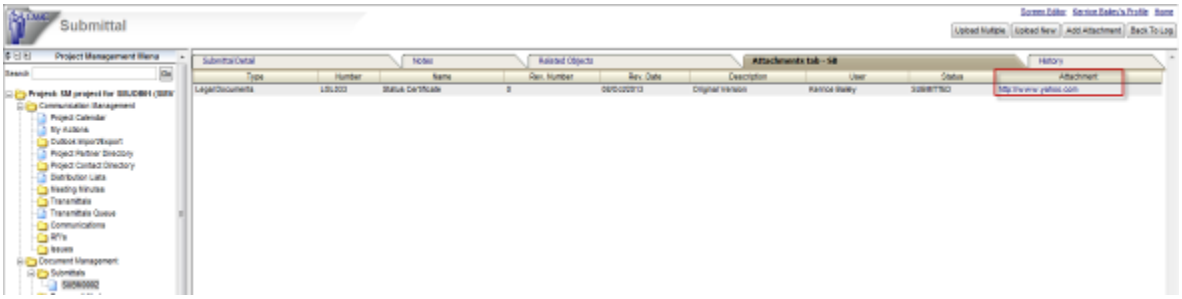
b) changed 'Update Database' prompt to 'Initialize',

Shared Document URL in Attachments Tab (13.82829)



Modifications have been made to the **Attachments tab - Upload New** feature of PM objects, to allow specification of a URL for shared documents such as those hosted in BlueBeam or the equivalent.

The URL checkbox has been added for this purpose. By default, the checkbox is un-checked. When checked, it allows the user to specify a URL (in the Reference Link field) for the document instead of the actual physical file.



For a URL, the "Attachment" field will display the URL in the following way:

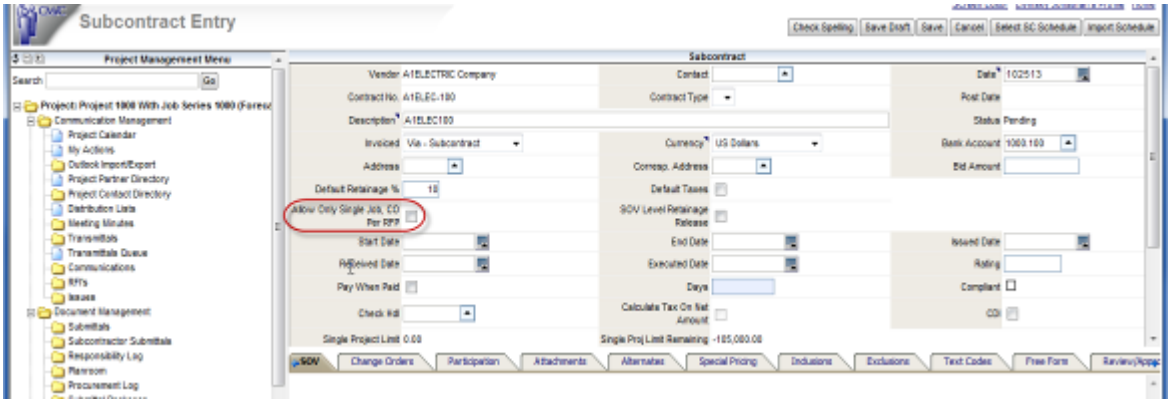
- If length of the URL is less than or equal to 60 characters, display the full URL.

- If length of the URL is greater than 60 characters, display the first 57 characters of the URL concatenated with "...".

Example:

https://login.yahoo.com/config/login_verify2?&.src=ym&.in..."<https://login.yahoo.com/config/login_verify2?&.src=ym&.in...

Subcontract Entry - Allow Single Job, CO per RFP flag (13.80740)



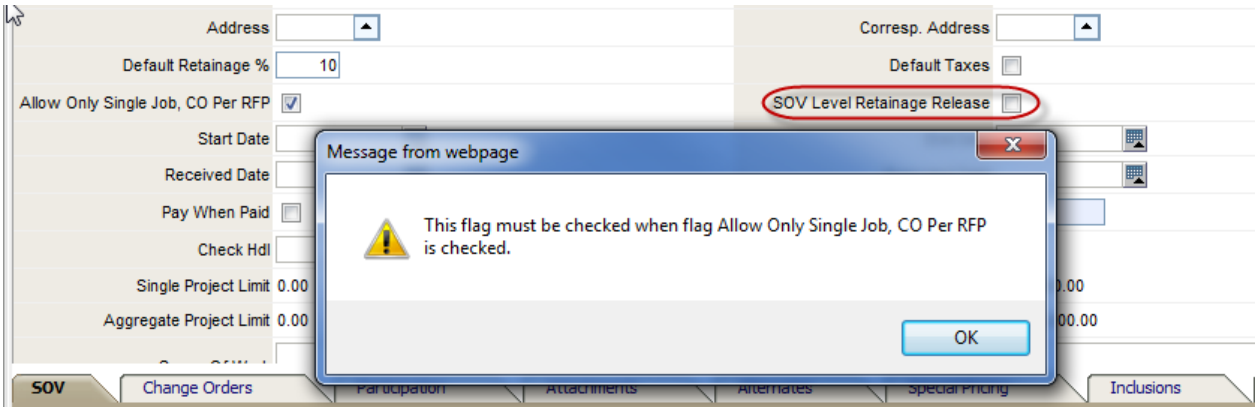
The Subcontract Entry screen is modified with the addition of 'Allow Only Single Job CO Per RFP' flag. The valid values are Y/N. When creating a new subcontract, the value for this flag is defaulted from SC Control file of the company.

The purpose of adding this flag is, to emulate the functionality of the forms version and to avoid any discrepancies in the subcontract header due to the 'SOV Level Retainage Release' flag.

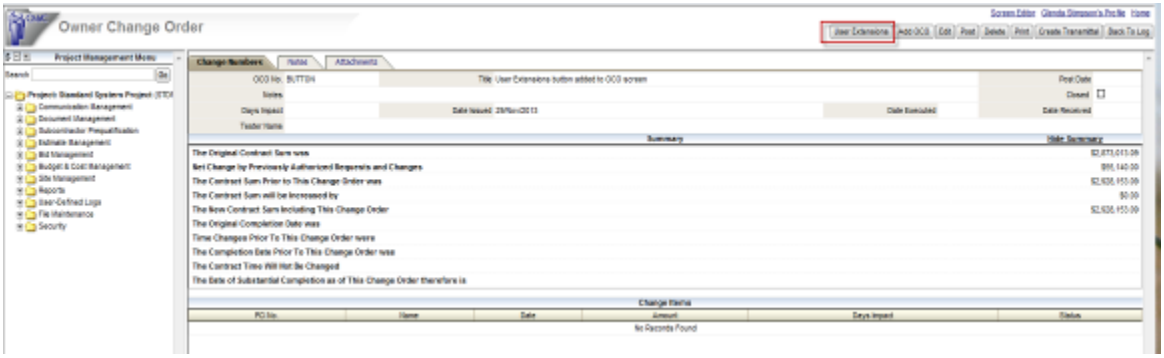
This flag, when checked, the 'SOV Level Retainage Release' flag is automatically checked by the system, because, the new flag does NOT allow 'Contract level' release of retainage, due to the possibility of multiple invoices produced for the same RFP due to main/sub job entries and change orders.

The following is the list of possible combinations, of which, the item#4 is NOT permitted and a message is displayed.

	Allow Only Single Job, CO Per RFP Flag	Schedule Level Release Retainage	
1.	Y	Y	
2.	N	Y	
3.	N	N	
4.	Y	N	(Not allowed)



Owner Change Order – User Extensions Button (13.80810)

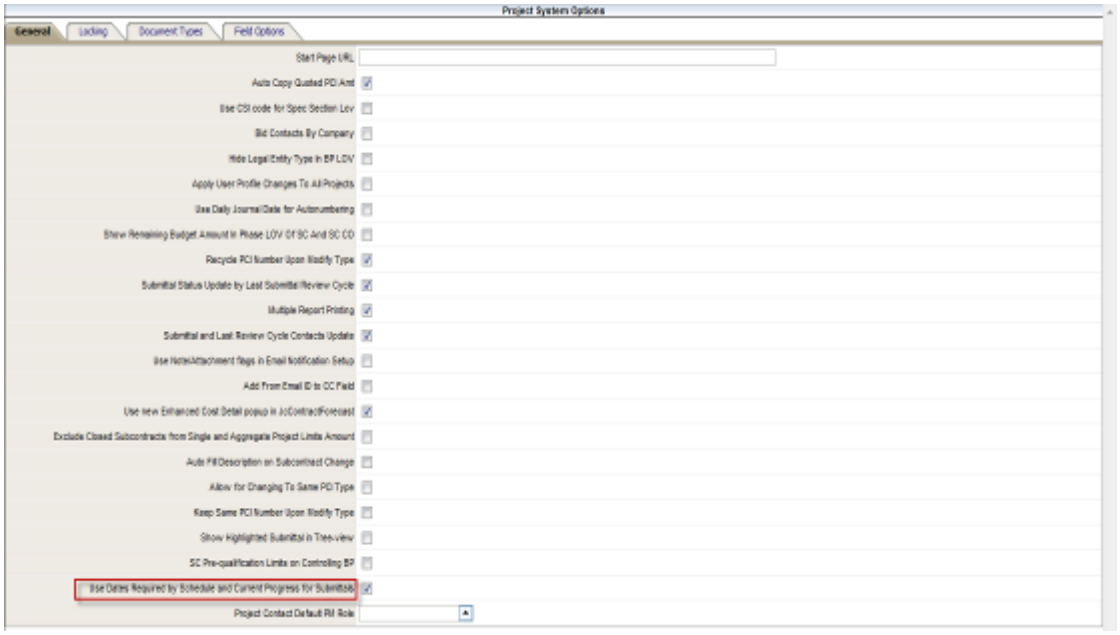


The User Extensions button has been added to the Owner Change Order screen.

Attachments - Changed 'Upload New' to 'Add/Upload New' (13.83267)

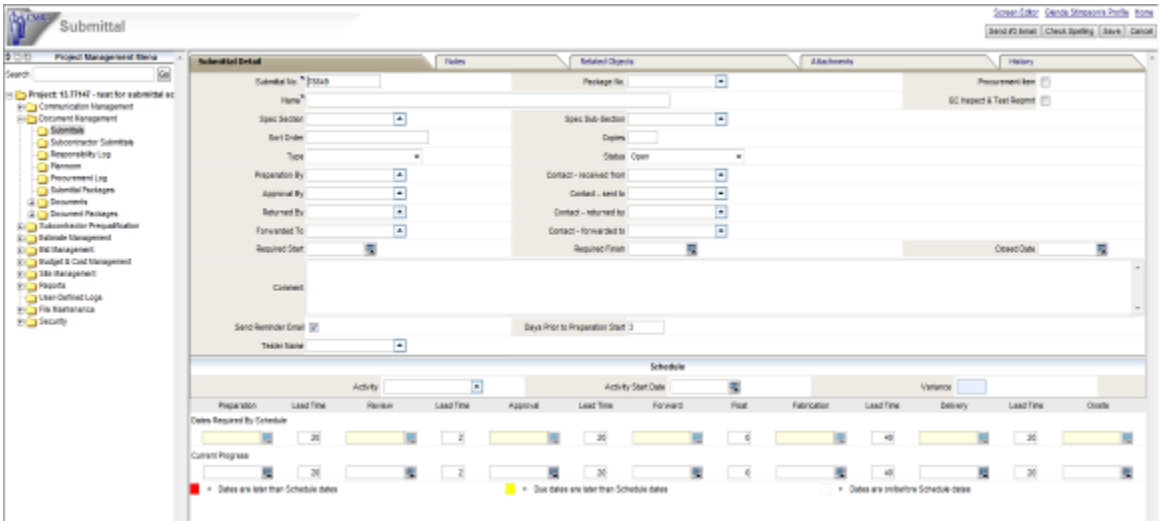
We have globally changed the label of the "Upload New" button in "Attachments" tab to "Add/Upload New" since we now allow for addition of URL-type attachments.

Submittals – Alternate Option for Submittal Schedule (13.77147)



a) CMiC has added a new flag to the PM Systems Option - General tab: '**Use Dates Required by Schedule and Current Progress for Submittals**' to allow users to switch between the new submittal schedule look and the older look. By default, the flag is un-checked.

When the flag is checked, the Submittal Entry screen – Schedule section has an additional row of schedule dates which represent Current Progress. There is a new Onsite column representing the date that the materials are due to be at the job site.



Also, in view mode of the Submittal, there are two new fields:

Days Until Due - the days until the next step is *due* from a process standpoint (i.e. the difference between dates from the current date (system date) and due date of the current Action step)

Days Until Required - the days the next step is *required* to be done to not impact the schedule (i.e. the difference between dates from the current date (system date) and required date of the current Action step i.e. its schedule date.)

Process standpoint stands for the **Due Date** of the **Action** which is to be completed next in the current history cycle.

Example 1:

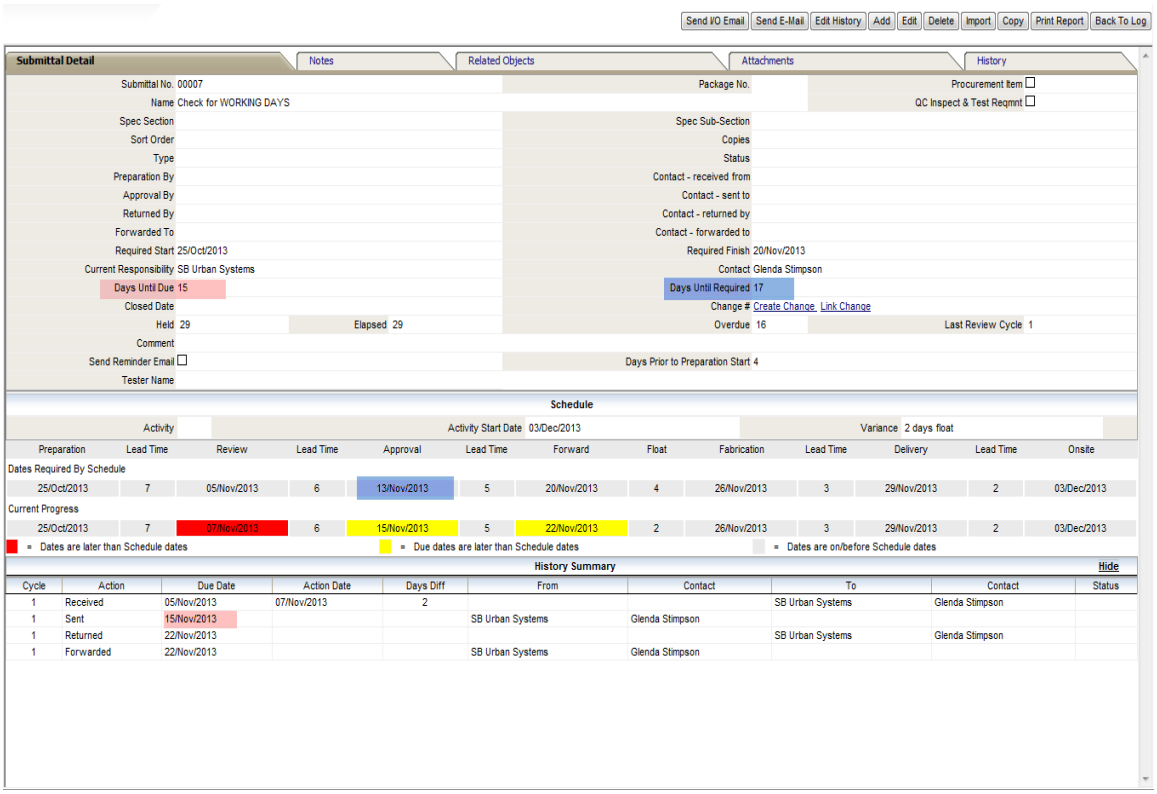
Current Date = Dec. 06, 2013

Schedule set to '**Use Working days'**:

Days Until Due = Dec. 06, 2013 – Nov. 15, 2013 = 15 days

Days Until Required = Dec. 06, 2013 – Nov. 13, 2013 = 17 days

See screen shot below:



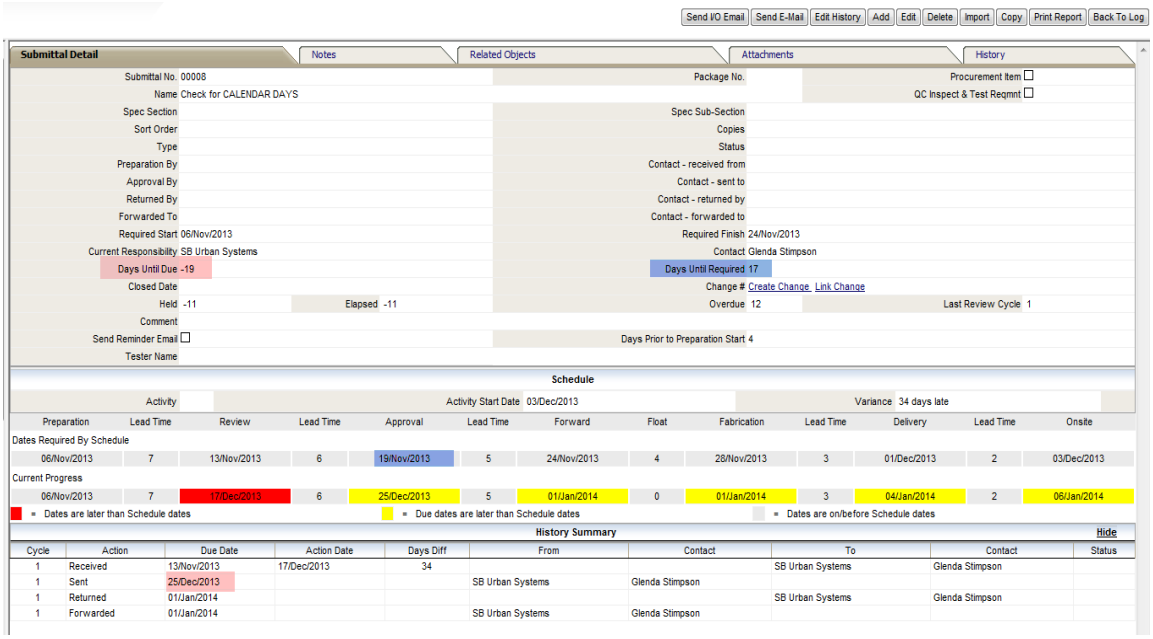
Example 2:

Current Date = Dec. 06, 2013

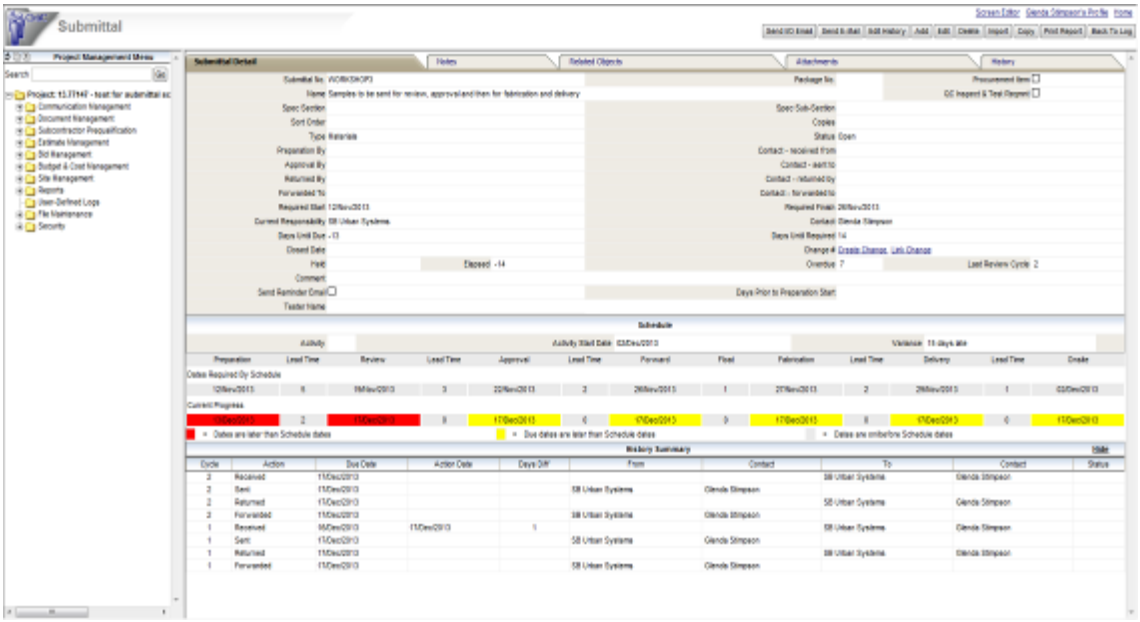
Schedule set to **Calendar Days**:

Days Until Due = Dec. 06, 2013 – Dec. 25, 2013 = -19 days

Days Until Required = Dec. 06, 2013 – Nov. 19, 2013 = 17 days



Detailed Description of the new Submittal Process



The user needs to know when the submittal process needs to be done to meet the project schedule. These can be referred to as the "**Dates Required by Schedule**".

Once a submittal is in process the user also needs to know what the expected **due dates** are if all the time commitments are kept. This is displayed by the **Current Progress** dates.

The “Dates Required by Schedule” are determined by back-calculating each Required Date by starting at the Delivery Finish Date i.e. Onsite date and moving backwards through each Lead Time.

The “Current Progress” due dates are defaulted with the same values initially, but will be recalculated once the user enters a new Preparation Start Date, by starting at the “Preparation Start Date” and moving forward

through each Lead Time. In effect, this allows for “Late Start Dates” to be tracked using the “Dates Required by Schedule” and “Early Start Dates” to be tracked using the “Current Progress”.

If any of the **Current Progress** dates is later than the **Dates Required by Schedule** dates it is highlighted in either **red or yellow** color.

Red color is for the **action dates (via Edit History) or manually entered dates (directly in Current Progress)** which are ***later*** than the corresponding schedule dates.

Yellow color is for the **due dates or projected dates (re-determined by the system after any manual changes)** which are ***later*** than the corresponding schedule dates.

White color is for the dates, **manual or projected**, which are ***earlier than or equal*** to the corresponding schedule dates.

* **Manual dates** are dates entered by the user.

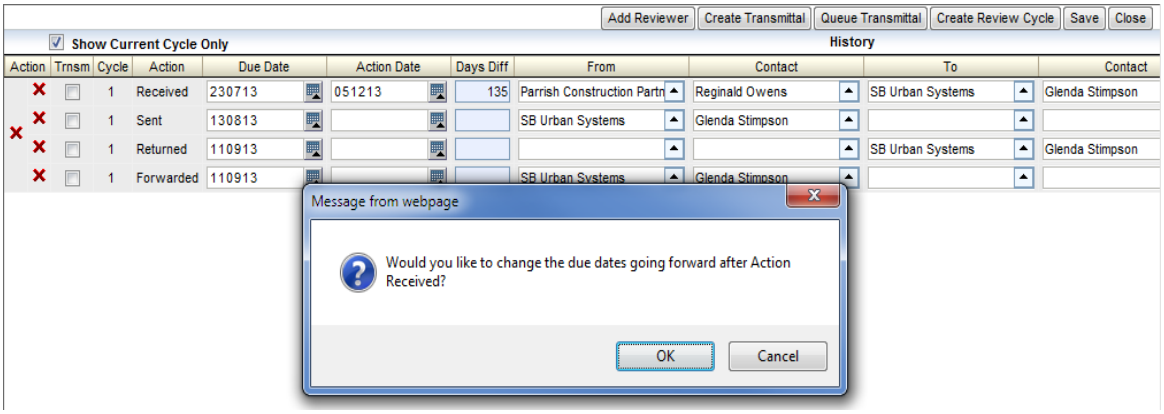
* **Projected dates** are dates as a result of calculation from change of previous dates and lead times.

Initially, dates entered (projected) for **Review / Approval / Forward** in the **submittal** screen are kept as **Due Date** of **Received / Sent / Forwarded History Cycle** actions respectively. When a date is entered by the user on any of these processes in the submittal, the new date becomes the **Action Date** of the corresponding action in the history cycle, and the rest of the dates that follow are calculated as per the lead times in between.

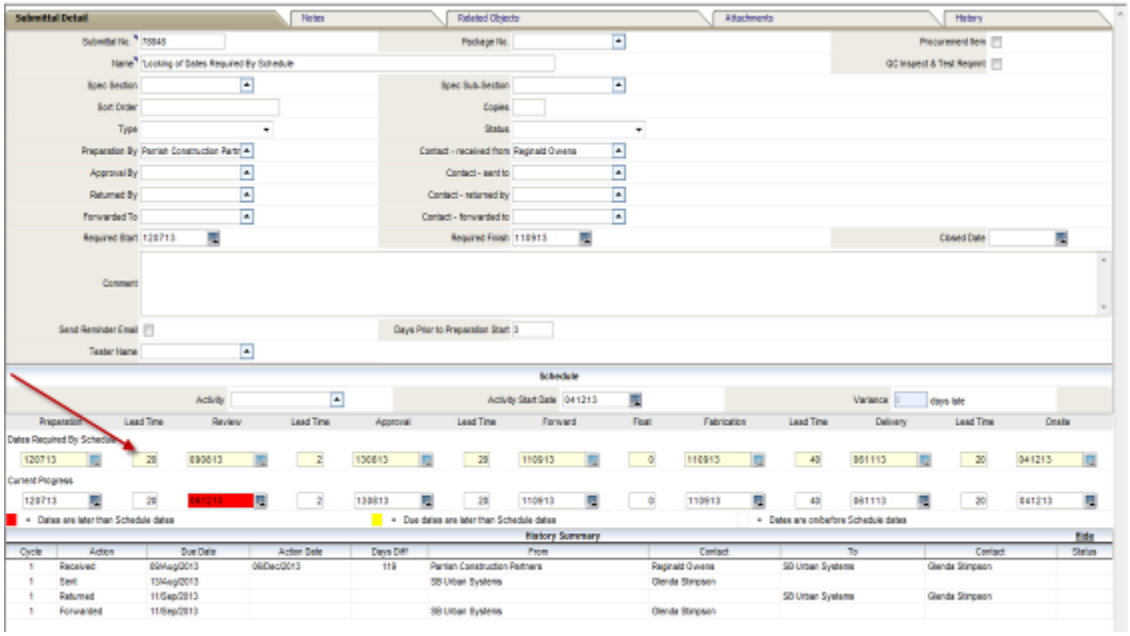
As the dates are being calculated, the **Float period is adjusted**. This means, if the current progress Preparation/Review/Approval/Forward dates are adjusted, the float varies from a positive number to zero. If it is greater than 0, current progress Fabrication/Delivery/Onsite dates are adjusted.

Hence, **No. of float days (early or late)** is the **Variance** when float is 0; Variance is the **difference between the schedule and current progress Onsite Dates.**

In the submittal history window, when an action date is entered, the user is prompted if they would like to change the due dates going forward, and if they reply ‘Yes’, the system recalculates all of the upcoming due dates based on the action date just entered and the durations in the schedule.



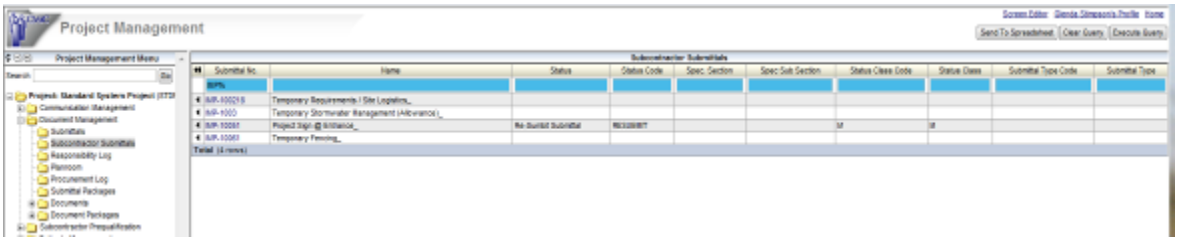
Locking ‘Dates Required by Schedule’



The system will change schedule dates if lead times are changed for the ‘Dates Required By Schedule’ line provided that the submittal does not have any action date yet. That means the user can change lead times on that line and it will impact the ‘Current Progress’ line as well, but once some Action has been taken on that submittal record (in the Edit History) the ‘Dates Required By Schedule’ line is no longer updateable, that is, it is locked.

Initially only the lead times are unlocked, but once an Action is effected, the entire ‘Dates Required by Schedule’ line is locked. Changes can still be made to the ‘Current Progress’ dates and lead times.

Submittals – Subcontractor Submittal Log (13.83267)



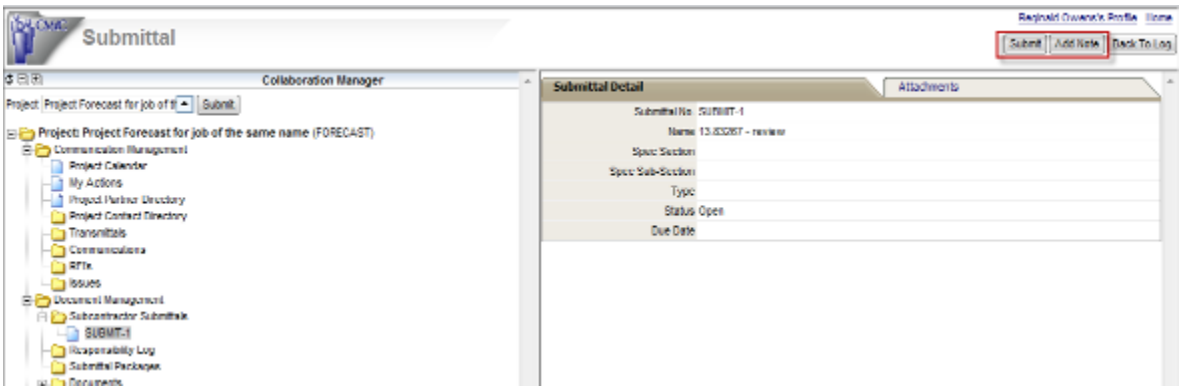
A new log has been added to the PM JSP tree-view: **Subcontractor Submittals**.

This log displays the submittals currently in the subcontractor’s responsibility, and is meant to be used from that perspective.

The subcontractor collaboration role must have security rights to the Submittal Program as well as the Submittal Menu Item in order to use this screen.

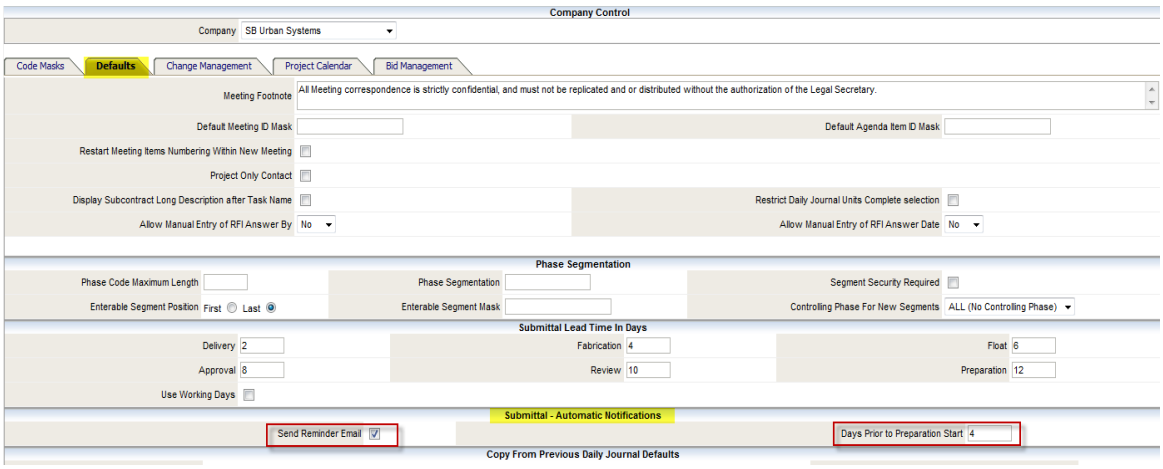
The Subcontractor Submittal screen has fields suited specifically to the subcontractor: Submittal No., Name, Spec Section, Spec Sub Section, Type, Status and Due Date.

It also has a [Submit] button to allow for the submission of the finalized submittal with the corresponding change in Status and Responsibility, and a [Add Note] to add additional comments/notes.



The submittal status is changed to '**Submittal Received**' and the submittal history is updated accordingly when the subcontractor submits the record.

Submittals – Reminder Notifications for Preparation Start (13.84085)



Two fields have been added to the PM Control - Defaults, Project Maintenance - Defaults and Submittal entry screens to allow reminder email notifications to be **sent to the subcontractor during the Submittal Preparation stage.**

The two fields are: the checkbox '**Send Reminder Email**' and the numeric field '**Days Prior to Preparation Start**'.

When the box is checked it indicates that a reminder email must be sent. A value in 'Days Prior to Preparation Start' indicates the number of days prior to the Preparation Start Date that the email notification must be sent.

When these fields are set in the PM Control their value will be inherited by any new projects.

The values in the Project Maintenance screen default from the PM Control into new projects but can be overridden.

The values default from the project level to the Submittal but can be overridden in the individual submittals.

Therefore, once the subcontractor contact is filled in the 'Preparation By' fields and the submittal saved, the email is scheduled to be sent based on the 'Days Prior to Preparation Start', if it makes sense when compared to the current date.

EXAMPLE OF NOTIFICATION EMAIL:



Thu 11/28/2013 3:11 PM

TestV10_X Alerts Email <cmiciotestv10x@cmic.ca>

Reminder: Submittal Number 00004 is due on 02-DEC-2013

To Stephanie Bromfield

If there are problems with how this message is displayed, click here to view it in a web browser.
Click here to download pictures. To help protect your privacy, Outlook prevented automatic download of some pictures in this message.

Submittal

Date Sent: Thursday November 28 2013 at 3:11 PM
Project: 13.84085
Submittal No.:00004
To: Brian Capstan [Stephanie.Bromfield@cmic.ca]

Please note that Submittal Number 00004 for 13.84085 is currently in your responsibility, and is due to be returned on 02-DEC-2013.

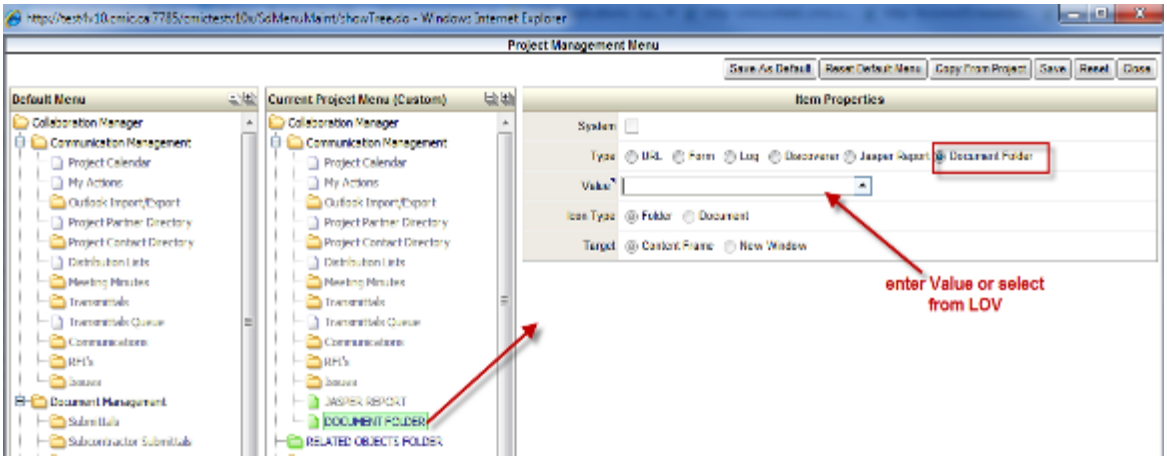
Click here to log into CMiC Collaboration

Submittals – Automatically Creating Review Cycle on Submittal Return (13.85676)

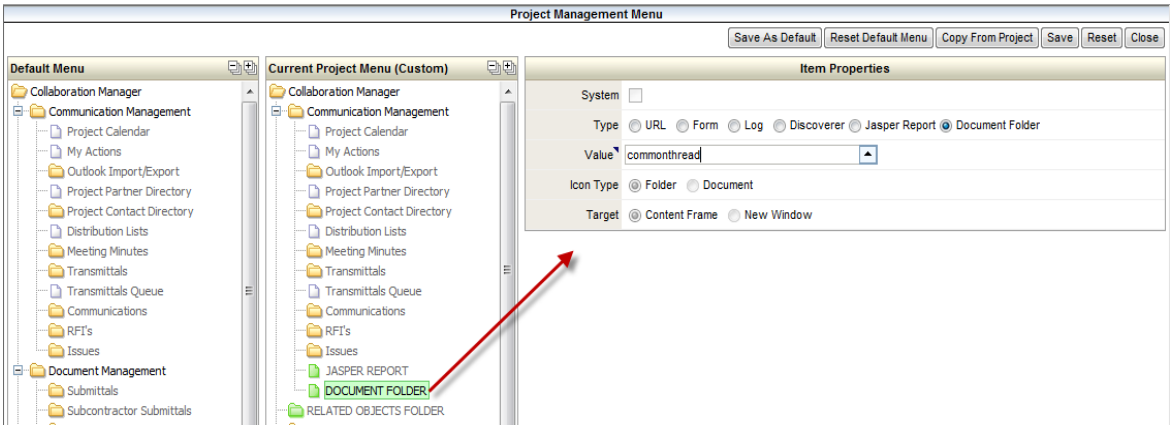
Submittal Workshop (Item #22) - Made changes to submittals such that the status at the 'Returned' stage is associated with a Status Class of either 'Reviewed' or 'Resubmit'.

If the status class is set to a '**Resubmit**' class, the next review cycle will be created automatically and the Submittal will be placed back in the Subcontractor's responsibility.

Document Folder for Menu Maintenance (13.83851)

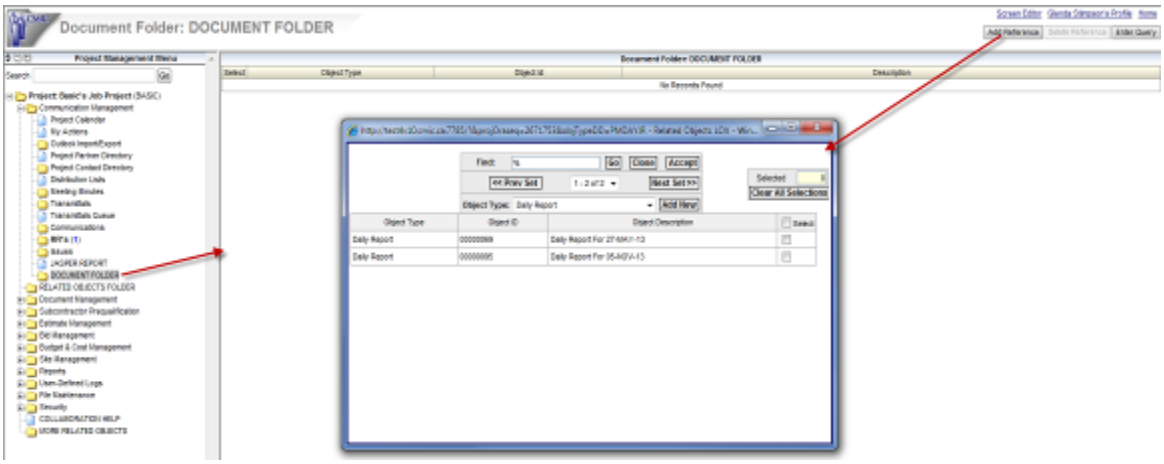


An additional option has been added to the Menu Maintenance **Type** in the Menu Maintenance screen. It is '**Document Folder**' and allows creation of a menu item for Document Folder under which different related PM objects can be listed, similar to a log.

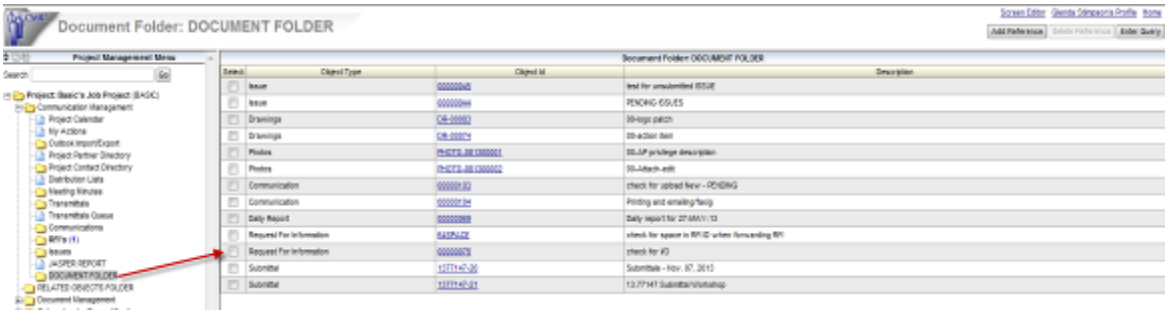


Once the document folder is created and saved, the user can assign collaboration security to it using the [Assign Roles] button in Menu Maintenance.

To assign various related PM objects to the newly created document folder, simply access the folder on the tree-view as you would for any other program/log.

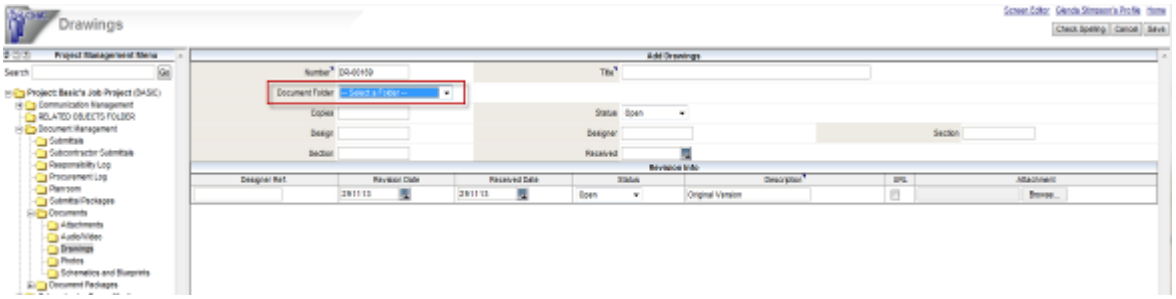


Click the **[Add Reference]** button which will display a popup window of various types of related object type. Check the boxes for your selection and click [Accept]. The objects selected will be saved to the document folder and can be accessed directly by their Object ID link:



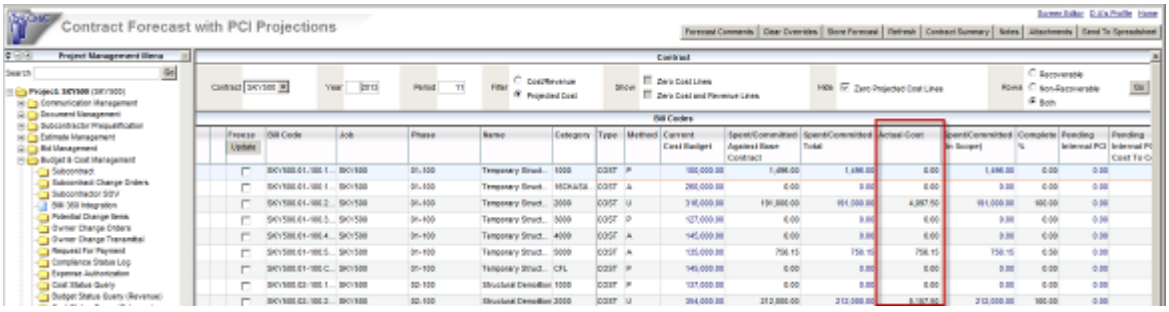
To remove one or more referenced object from the log, first select them using the checkbox to the far left and then click [Delete Reference].

Document Folder - Further Enhancement (13.84884)



An enhancement has been made to the Document Folder feature to allow a shortcut way of assigning a document record to a Document Folder via the **Document Folder field** in the header of document records. This field is only available when uploading documents, that is, during Upload New or Upload Multiple mode of document records either directly in Document Management or via the Attachments tab of PM objects. The field can be 'Hidden' via field security if required.

Contract Forecasting – 'Actual Cost' Column (13.82324)

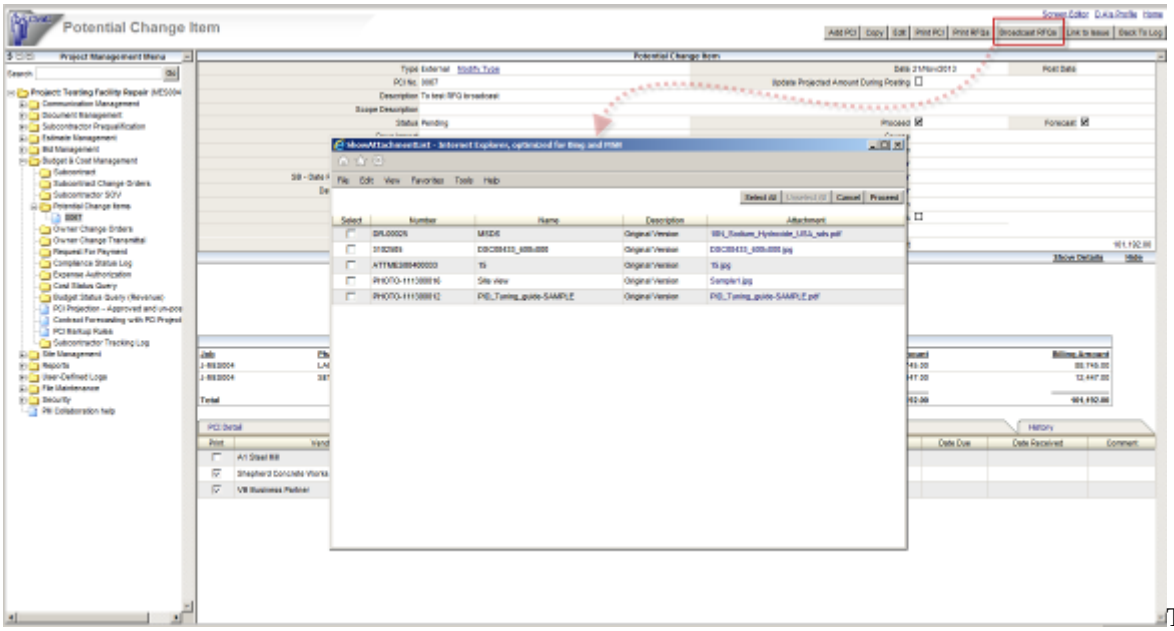


An 'Actual Cost' column has been added to Contract Forecasting with PCI Projections representing the Spent Amount (posted Costs) for the current job. The field security can be applied to this column to make it 'Hidden' or 'Unrestricted (Read-only)'.

PCI - Prompt for the attachments to be sent with RFQ Broadcast (13.81950)

An Enhancement has been made to allow user to include attachments associated with current PCI when broadcasting RFQ.

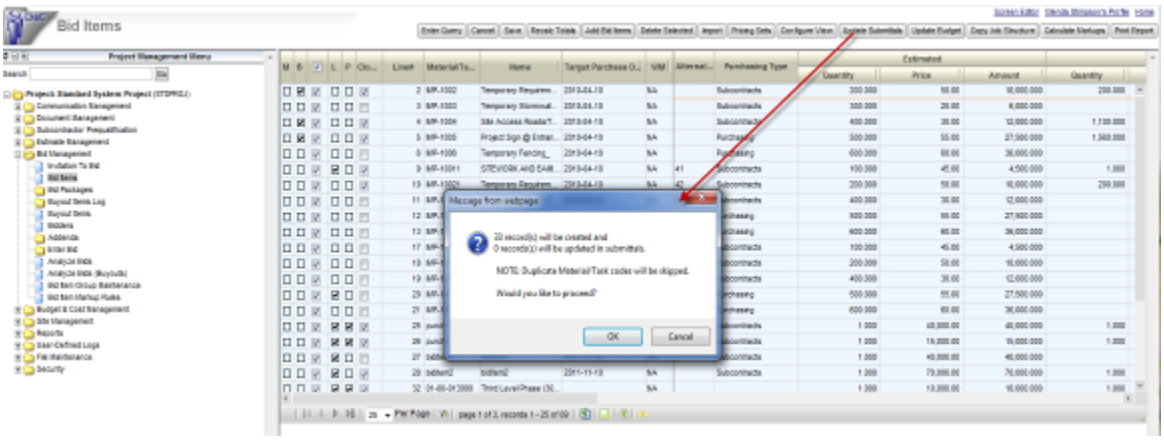
When user clicks [Broadcast RFQs] the popup window opens showing the list of attachments associated with this PCI:



The attachments to be sent can be selected from the list by clicking the checkbox next to it. Upon [Proceed] the vendors selected with “Print” flag will receive the RFQ with corresponding documents attached.

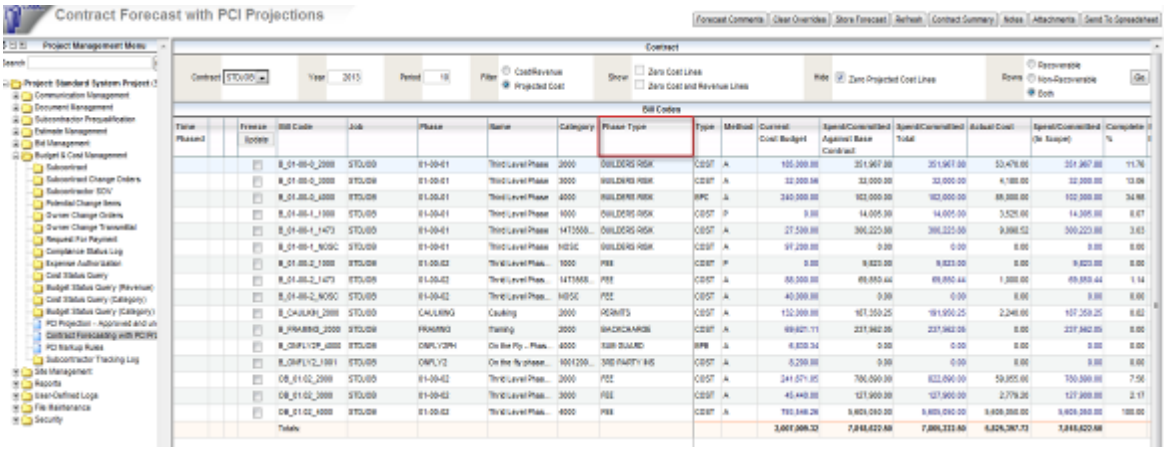
If there are no attachments associated with current PCI upon clicking [Broadcast RFQ] the RFQ broadcast will be sent to selected vendors without the attachment list window showing up.

Creating/Updating Submittals from Bid Items – Message Improvement (13.83352)



Created an improved message detailing how many Submittals are about to be created and/or updated via [Update Submittals] functionality in Bid Items entry, so that the user can choose to proceed or not. Previously, the user was not provided with a choice.

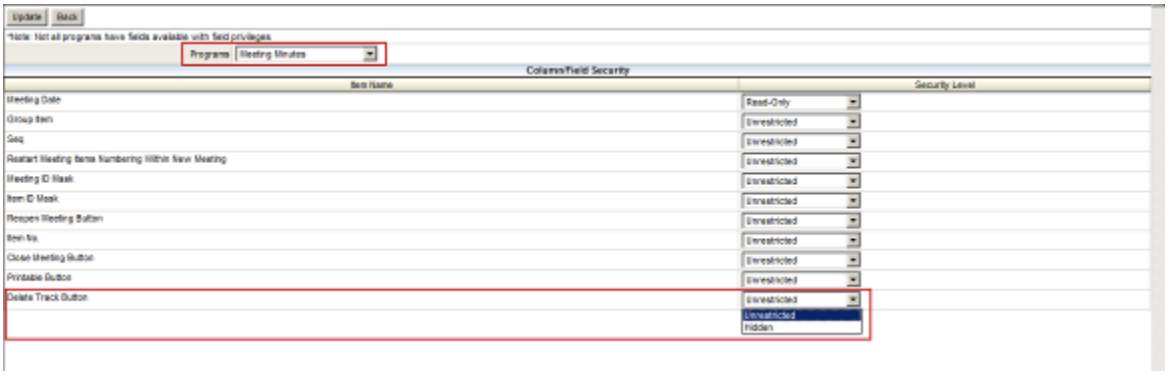
Phase Type Included in JSP Contract Forecast (13.83983)



The **Phase Type** column has been added to the Contract Forecast with PCI Projections screen. Sorting and filtering can be performed on this column. It is also included in the [Send to Spreadsheet] output.

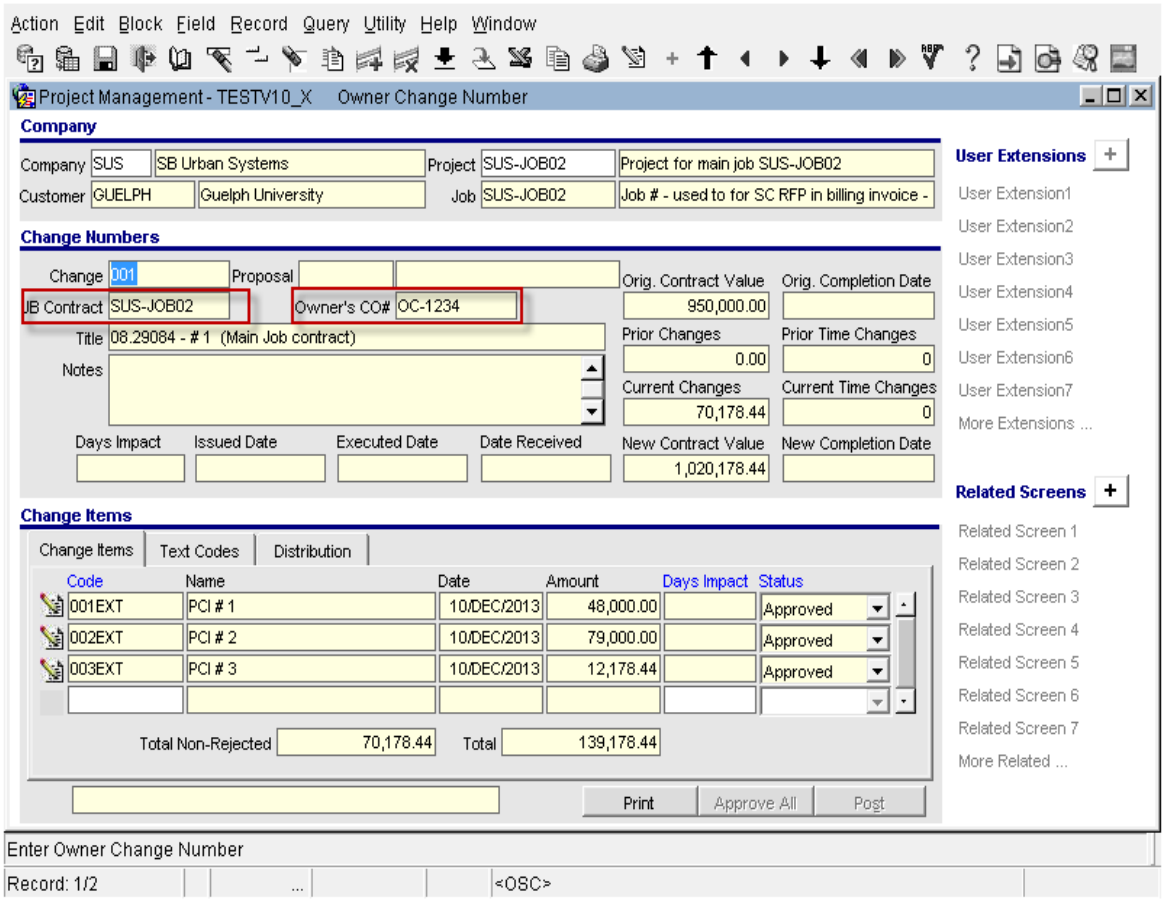
Field security can be applied if desired, and initially has been set to 'Hidden' on the *ALL* role.

Meeting Minutes – Field Security for [Delete Track] button (13.82123)



Added the field security for the [**Delete Track**] button in Meeting Minutes.

OCO Header – Changes to Accommodate Sub-jobs with Different JB Contract (08.29084)



Two fields have been added to the OCO header: **JB Contract** and **Owner's CO #.** These changes are to facilitate the correct reporting of the Summary Info when there are sub-jobs with their own JB Contract.

If the user leaves the JB Contract code on the OCO header empty, all calculations will work as they used to work before (i.e. the old way).

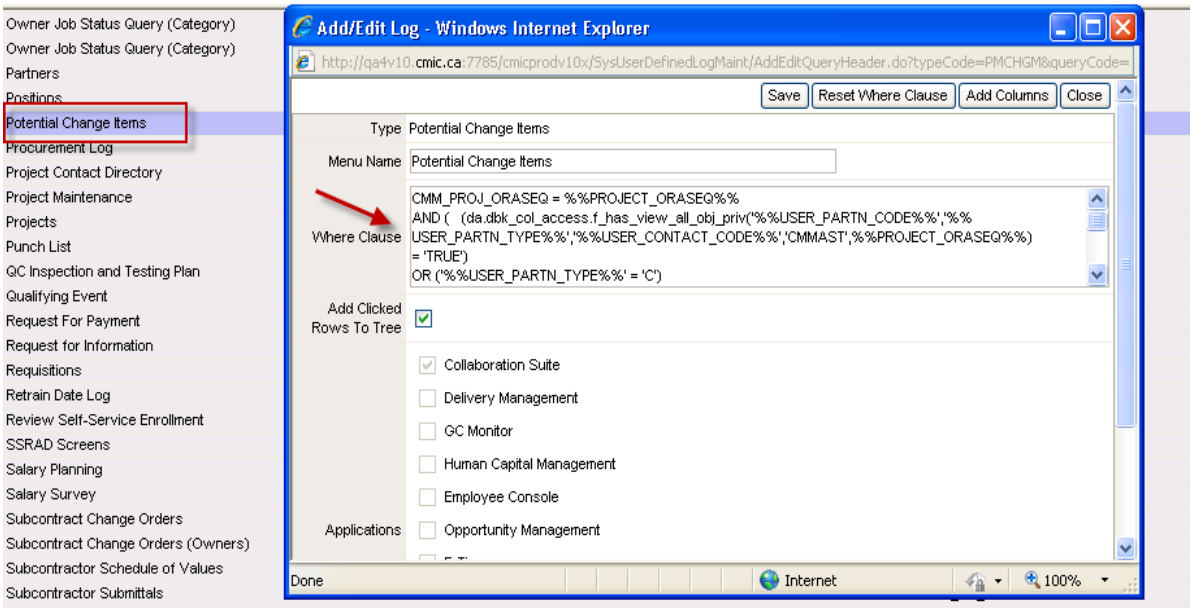
If Owner's CO# is entered, it must be unique within the JB Contract code (if any). The Form validation enforces this uniqueness.

Calculations of amounts (Orig. Amt., Prior Changes... etc.) and Dates / Days Impact have been adjusted to be in respect of the JB Contract Code on the OCO header.

Calculations in the standard report Owner Change Number (PM1003.REP) have been adjusted to also respect the new logic and be in sync with Forms calculations.

PCI Log Definition– Removal of WHERE Condition (14.86597)

IMPORTANT!!!! Note that the WHERE condition in the PCI Log definition has been **removed** (both "SYSTEM" and "CURRENT" where clause in da.sysclogquery).



If clients made any custom modifications on top of the existing WHERE clause for the PCI Log, they will need to manually re-apply their own conditions after installing this patch.

RFQ Broadcast – Multiple Contacts from Same Vendor (13.81771)

PCI Entry - Enhancement has been made to allow RFQ's to be sent to multiple contacts from the same business partner (vendor).

Field Security for Submittals [Send I/O Email] button (14.86466)

Field security can now be applied to the [Send I/O Email] button in the Submittals screen. The default value is set at Unrestricted on the *ALL* role.

Subcontractor Prequalification - 2nd Financial Tab Changes (14.86022)

The following changes were made to Subcontractor Prequalification - 2nd Financial Tab:

- Removed 'Cost of Goods Sold' and 'Audited Statements' from the financial calculations.
- Corrected the calculation of Days In Inventory to be 365/(Net Sales/Inventory).
- Corrected the data type of the following fields to be percentage (%):

  Return on Assets,

  Return on Sales,

  Return on Equity,

  Net Over/Under as % of Equity,

  Working Cap To Backlog,

  Net Worth To Backlog.

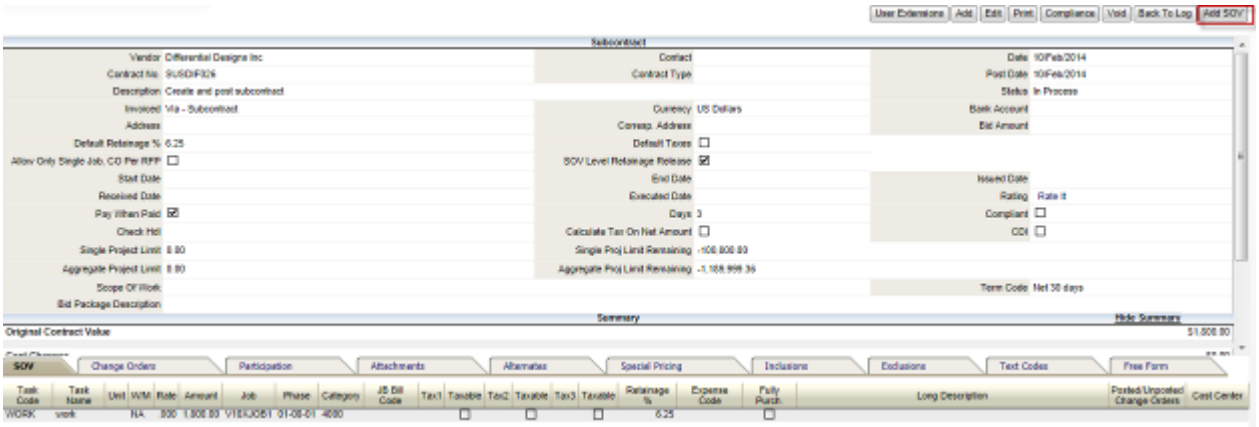
Additional SOV lines for Posted Subcontract and Posted SCCO
(13.82663)

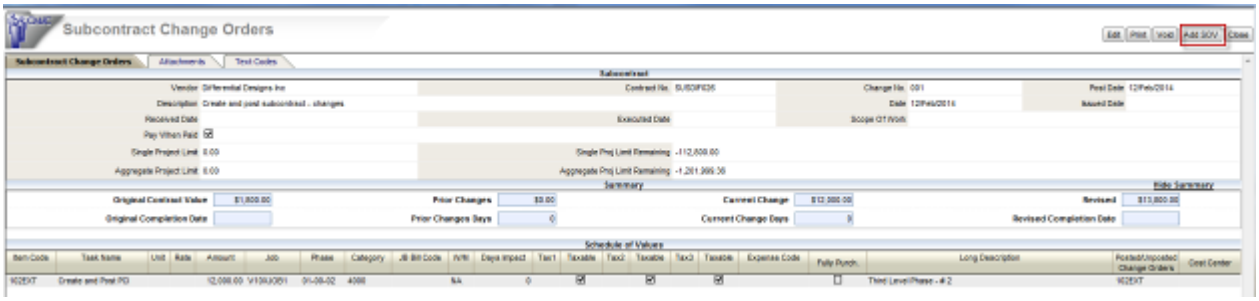


Two Project Role privileges have been added to PM JSP: **Add SOV On Posted Subcontract** and **Add SOV On Posted Subcontract Change Order**, to allow the user with these privileges to add additional detail lines to posted subcontracts and posted subcontract change orders.

By default, these flags are un-checked.

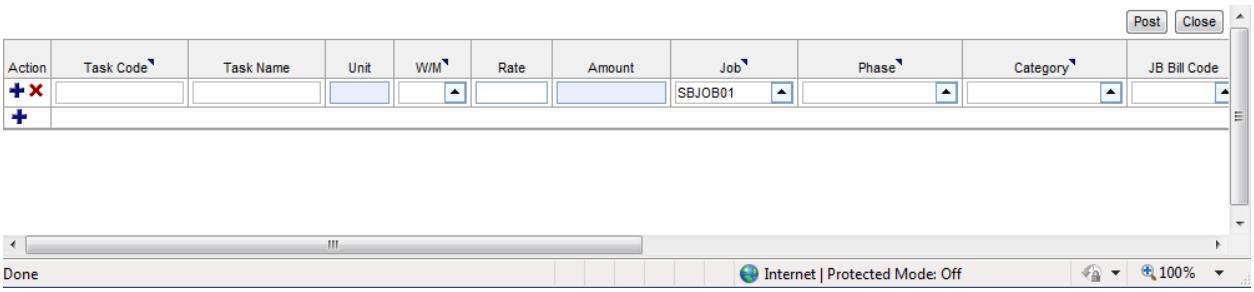
When they are checked, an **[Add SOV]** button becomes visible on posted subcontracts and posted subcontract change orders:





Click this button to add additional detail lines to the posted subcontract or subcontract change order.

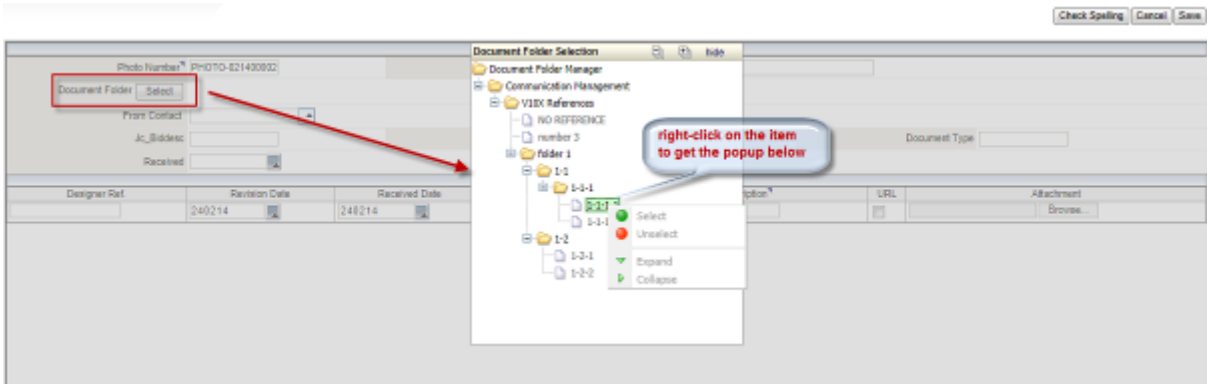
A popup window is displayed for the entry of the additional records:



Unit and Amount fields are not editable, but the user can enter WM and Rate.

The **[Post]** button on the popup window is used to commit the additional records to the database without changing the overall amount of the original posted record.

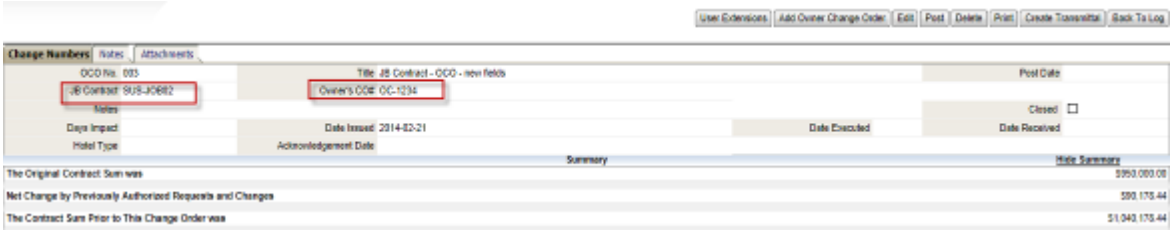
Document Folder - Drop-down Changed to Selection Tree-view (13.84884)



Modified the Document Folder selection to be a Tree-view version rather than a drop-down list.

To make a selection, right-click on the item to get a popup to 'Select' or 'Unselect'.

OCO Header – Changes to Accommodate Sub-jobs with Different JB Contract (13.84836 (JSP)/08.29084 (FORMS))



Two fields have been added to the OCO header: **JB Contract** and **Owner's CO #.** These changes are to facilitate the correct reporting of the Summary Info when there are sub-jobs with their own JB Contract.

If the user leaves the JB Contract code on the OCO header empty, all calculations will work as they used to work before (i.e. the old way).

If Owner's CO# is entered, it must be unique within the JB Contract code (if any). The Form validation enforces this uniqueness.

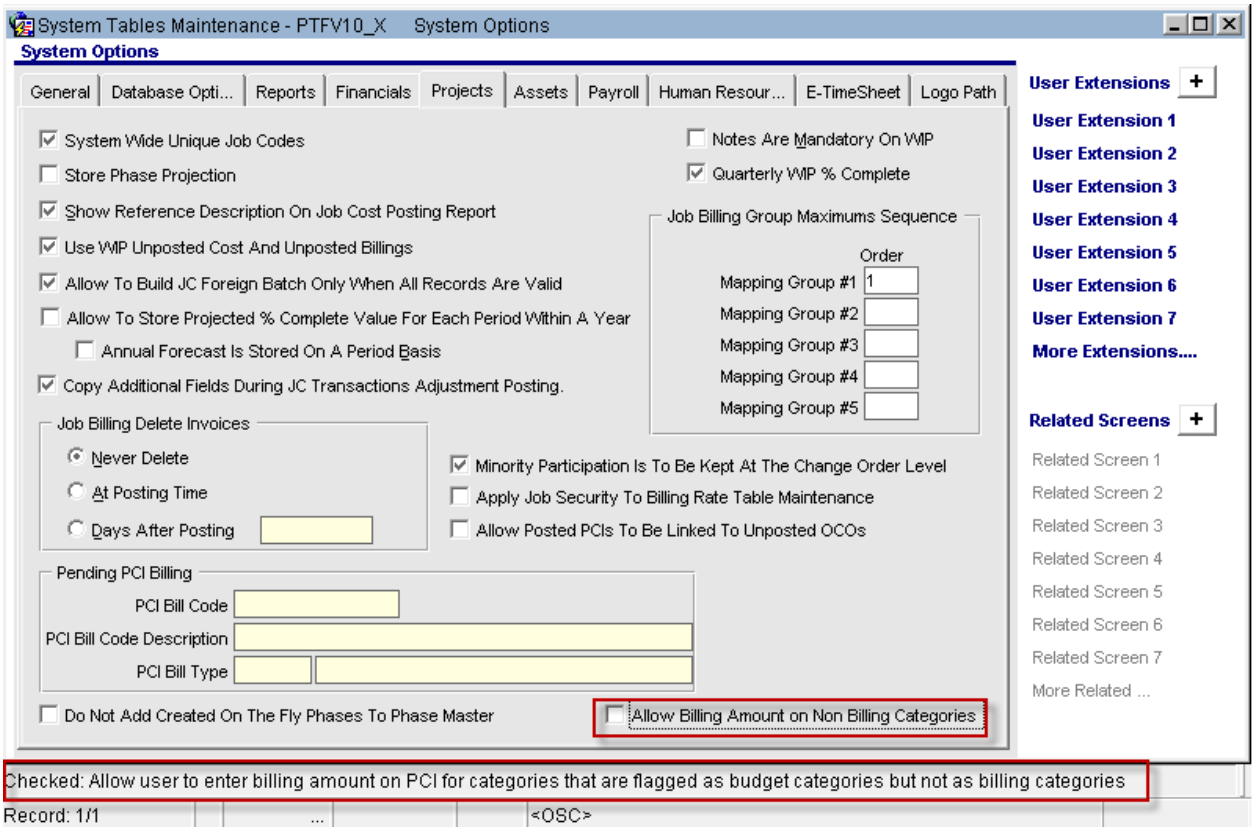
Calculations of amounts (Orig. Amt., Prior Changes... etc.) and Dates / Days Impact have been adjusted to be in respect of the JB Contract Code on the OCO header.

Calculations in the standard report Owner Change Number (PM1003.REP) have been adjusted to also respect the new logic and be in sync with Forms calculations.

Daily Journal Collaboration Privilege to Edit Own Record (14.86537)

A new collaboration security privilege has been added: ' **Daily Journal - Edit Own Records**'. This privilege allows the Author of a Daily Journal record to edit the record once it is submitted, without needing to have the 'UpdateAll' project role privilege to do so.

Allow Billing Amount on Non-Billing Categories (12.72452)



Added a System Options file option "**Allow Billing Amount on Non-Billing Categories**". If this option is turned on, the system will allow the user to enter billing amount on PCI's for categories that are flagged as budget categories but not as billing categories. The default is un-checked so the existing functionality prevails. This change is only applicable to PCI Entry screens (Enterprise… JSP to follow).

DocuSign Integration with PM JSP (13.80960)

The CMiC DocuSign integration provides the easiest and most robust Enterprise electronic signing solution. Layered on top of CMiC ECM, the solution allows users to quickly prepare documents for signing by selecting project documents and specifying recipients. Then with the click of a button the documents are locked and

transmitted to DocuSign's eSignature transaction management platform. Recipients are notified to complete the signing process in DocuSign. After completing the signing process, the signed document, with signatures, is made available in CMiC as a new revision.

This seamless CMiC eSigning solution simplifies the signing process by:

- allowing quick document selection
- specifying recipients either from Project defaults or contacts
- keeping track of both the unsigned and signed versions of the document
- providing the complete signing history
- applying version control

Assumptions and Dependencies

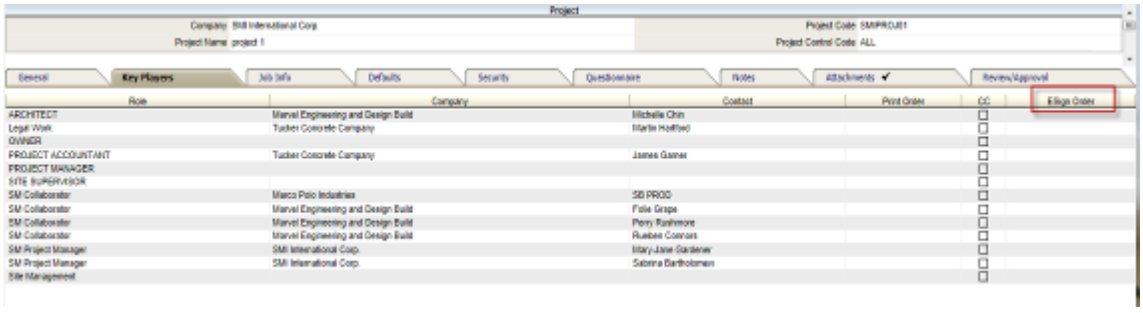
The following is needed to run the integration successfully:

1. Appropriate CMiC PM JSP licenses
2. A CMiC DocuSign license
3. CMiC (v10x) configured and running over **HTTPS**
4. DocuSign licenses (purchased from DocuSign) for each CMiC user that will be sending documents for eSignatures
5. Email based login method for DocuSign licenses

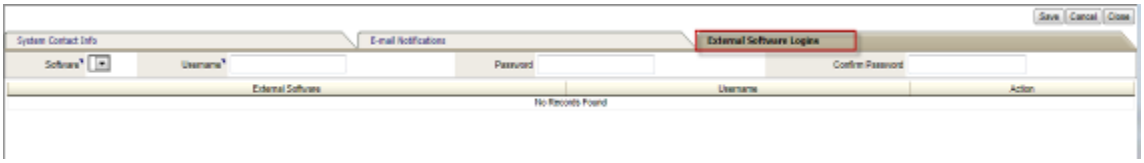
If you require additional information regarding this new feature please contact your CMiC Project Manager or Account Manager.

The following are screenshots of the PM JSP screens that have been enhanced for DocuSign Integration.

Project Maintenance – Key Players tab



System Contact Maintenance – External Software Logins tab



PM Objects - Attachments tab



'Labor' Forecasting Type Category & PM JSP Contract Forecasting changes (BETA Release) (14.86714)

1. An additional Forecasting Method called 'Labor' is added to Job Costing system. (This will be in addition to the Amount, Unit, and Productivity methods already available.)

NOTE: This is implemented as a completely separate field, while the actual 'Forecasting Method' for these lines will remain as 'A' in order to not disrupt existing functionality.

2. When a Phase/Category is classified with a 'Labor' forecasting method, then it will not be updateable directly on the JSP Forecasting screen. It will be reading the 'Projected Cost at Completion' column value from the Labor Forecasting screen (Currently the Labor Tab of ETC).

3. It will be possible to access the Labor Forecasting screen (currently the Labor Tab from ETC) as a pop-up from any 'Labor' type row in JSP Contract Forecasting, which will display the rows for the related Bill Code.

Modifications:

The Table da.jcjobcat is modified with a column JCAT_LABOUR_FORECAST_FLAG (Varchar2(1))

The default value is 'N' and the existing data records are updated with this column value as 'N'. This Flag is to indicate that the record type is 'Labor'.

The following forms are modified with a new column and this column is 'Hidden' for '*ALL*' security roles by default. Clients that are using 'ETC' forecasting must adjust the field security as required.

1. jcaddcat.fmx (Add Categories to Jobs in Process)

    Added the new column JCAT_LABOUR_FORECAST_FLAG

2. jccatfm.fmx (Category Maintenance Form)

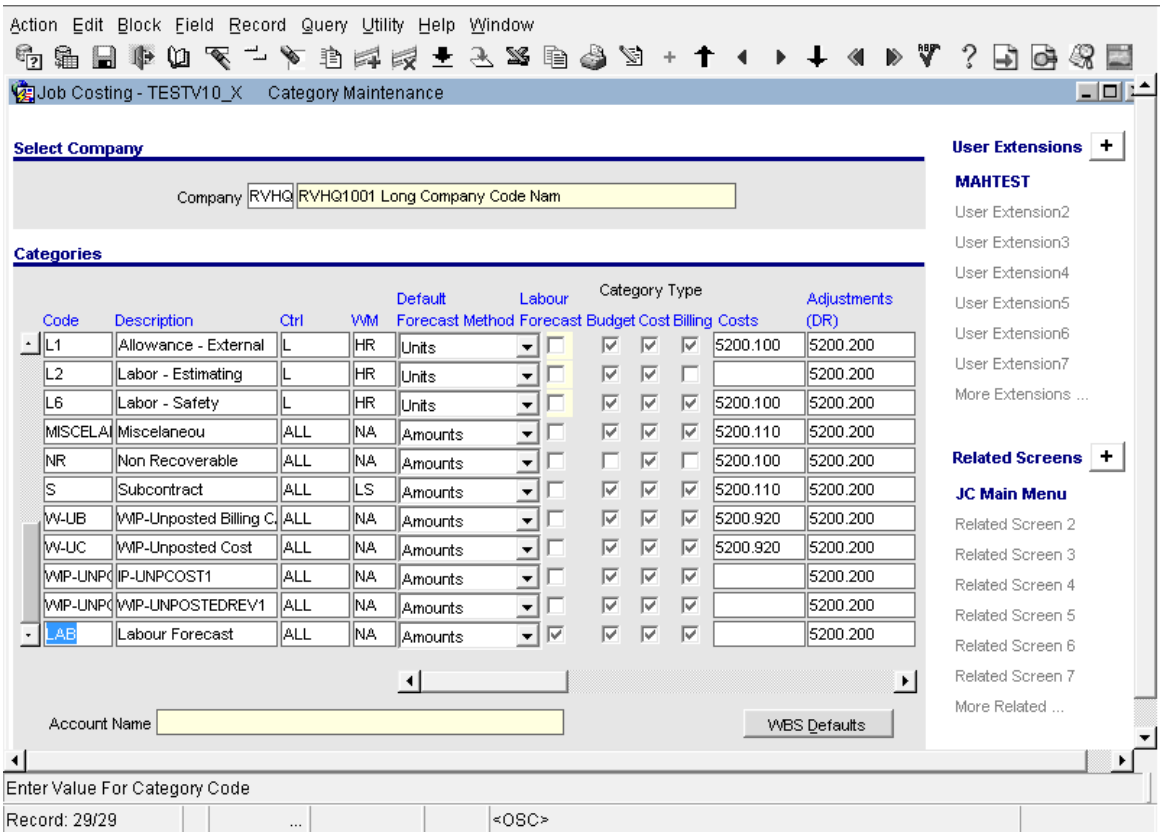
    Added the new column JCAT_LABOUR_FORECAST_FLAG

3.jcphsfm.fmx (Phase Template Maintenance)

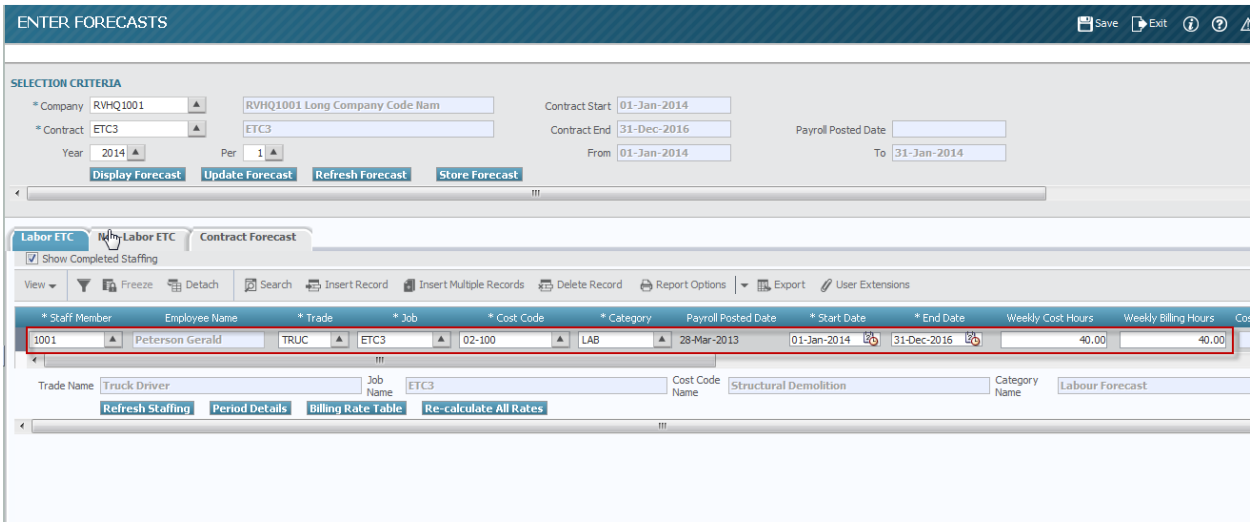
    Added a new column CAT_LABOUR_FORECAST_FLAG

4. jcprodsu.fmx (Assign Phases Form > Category Block).

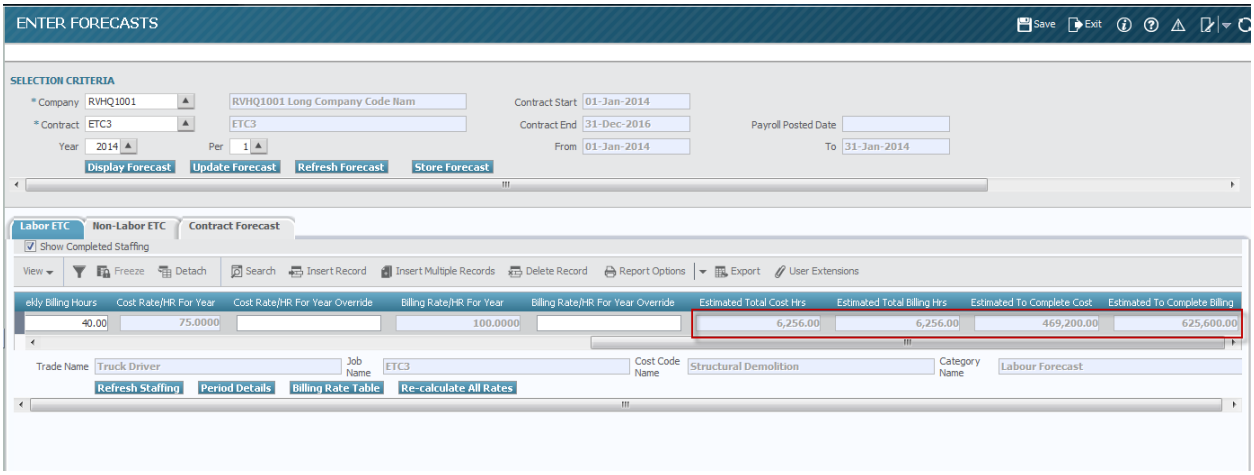
    Modified the form to read JCAT_LABOUR_FORECAST_FLAG value from Category Maintenance.



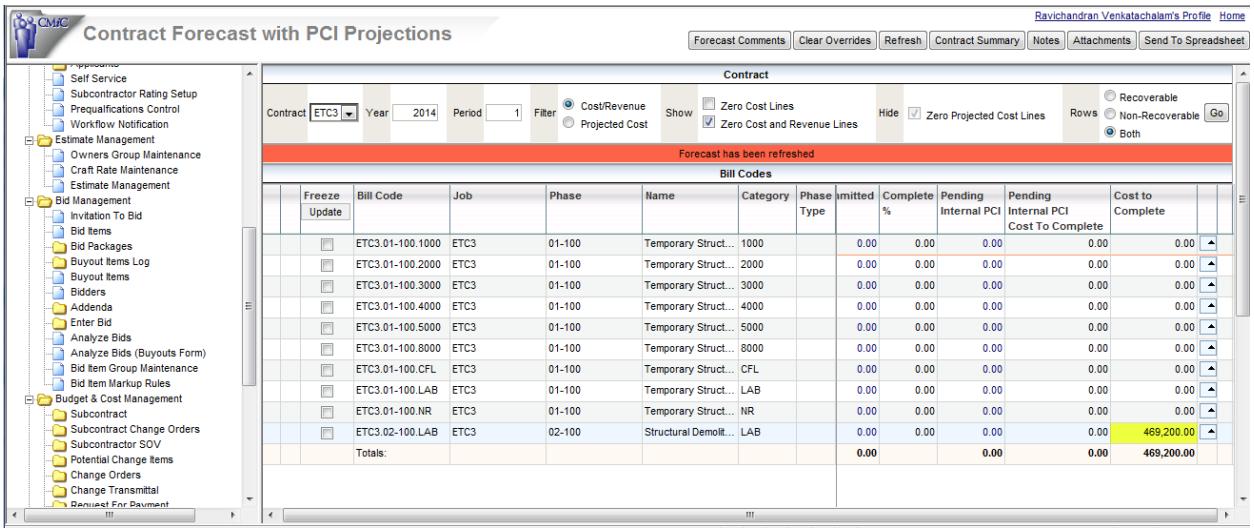
The above screen shows that the cat 'LAB' is flagged as 'Labour Forecast' type. When this option is selected, the 'Default Forecast Method' must be selected as 'Amounts' Users will not be allowed to update this as productivity or Units type.



The above record shows the Labour ETC for the phase/cat combination in the CMiC V10_X User Interface.

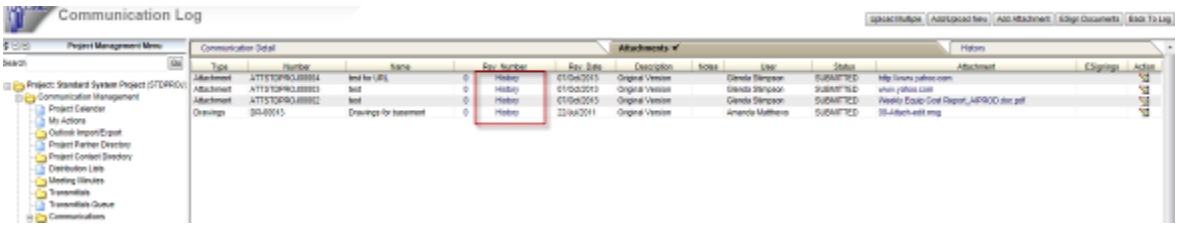


The Estimated to Complete Cost value from Labor ETC is populated in the PMJSP Contract Forecasting Cost To Complete Column



The 'Labor' Type forecasting method does NOT allow updates by users to the entire record in PMJSP. The Cost to Complete LOV is disabled. When users click on the link by clicking on the amount, a popup screen would open, which displays the Labor details from ETC for the specific billcode. Users are allowed to update the Labor Details as required. Upon 'Refresh' the PMJSP Contract forecasting would reflect the labor detail updates.

Blue Beam® Revisions in PM JSP objects (13.85695)

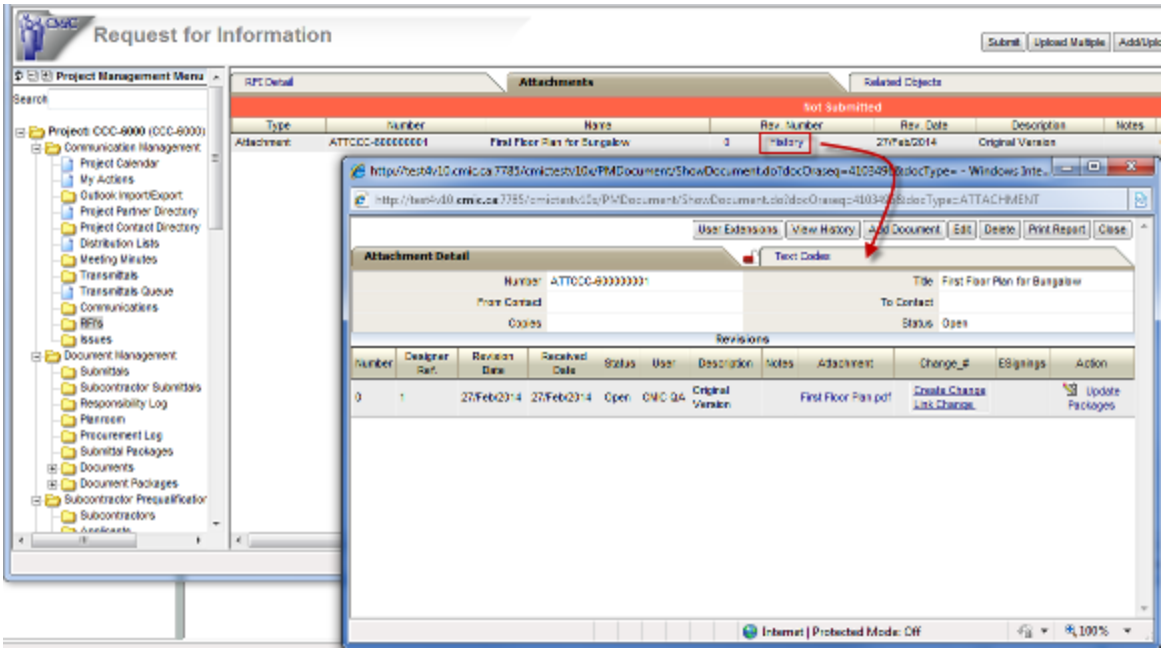


A '**History**' link has been added to the Attachment tab records in PM objects to allow viewing of the revisions.

The PDF Document after adding markups in Blue Beam software, upon 'Save' is uploaded into CMiC document management system and now saved back into the database as a new attachment on the appropriate PMJSP object as well.

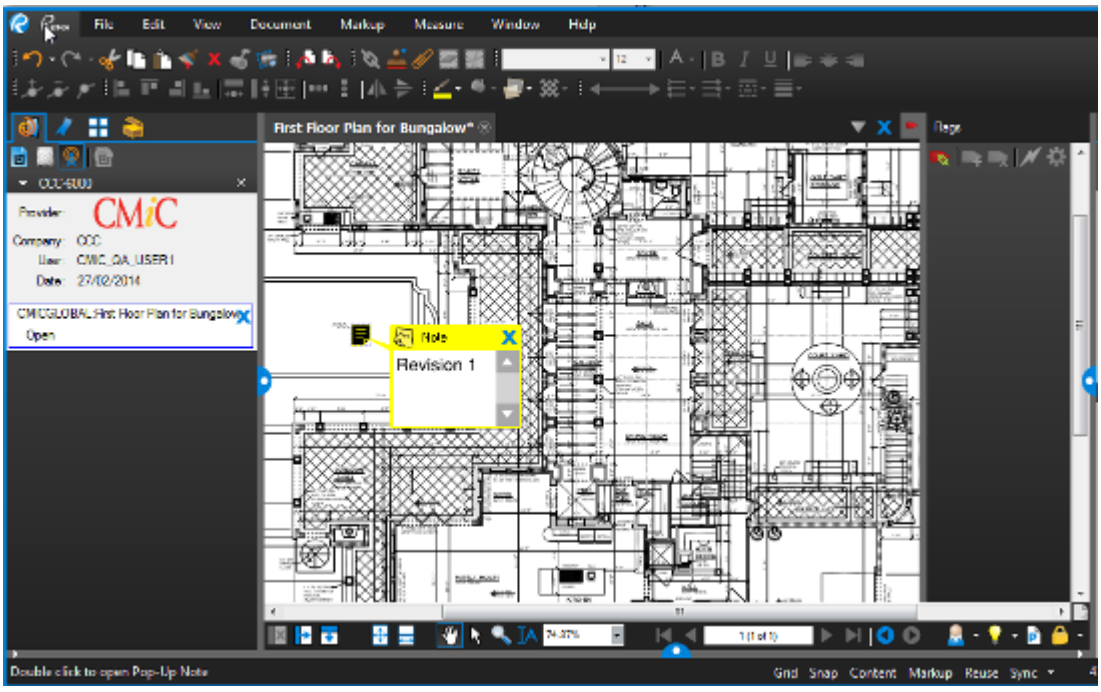
On the attachments tab of any PM JSP object such as RFI, only the latest revision of the marked up attachment will be shown.

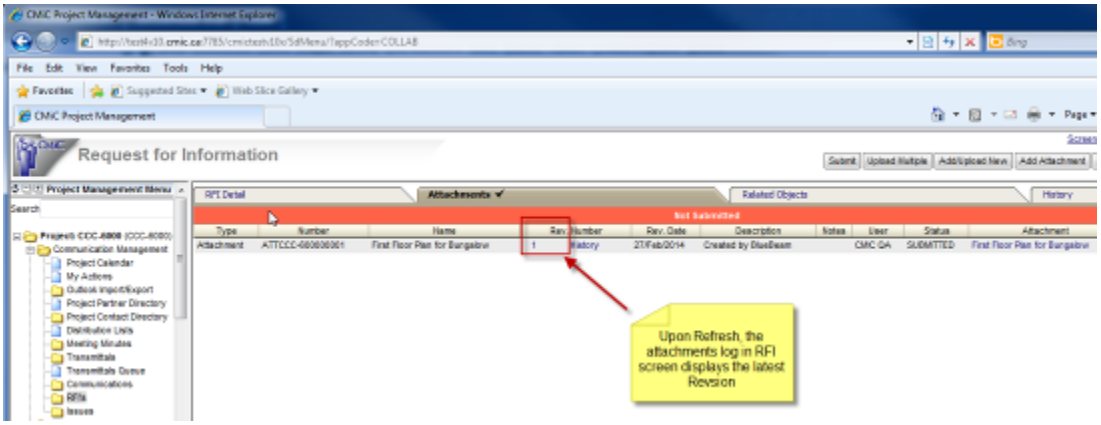
If there are any markups, the revision number will be greater than 0 and clicking the 'History' link opens the standard CMiC 'Attachment Detail' pop up window, showing the full revision history.

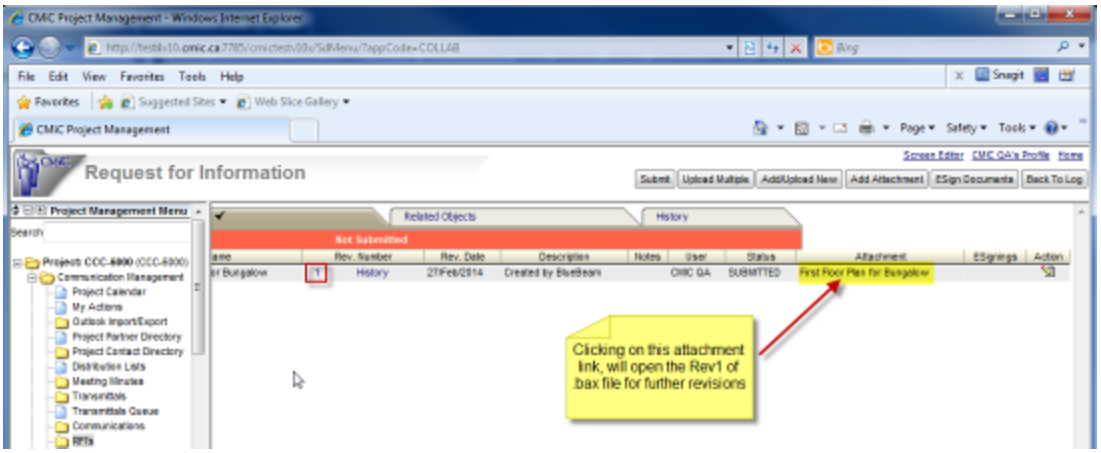


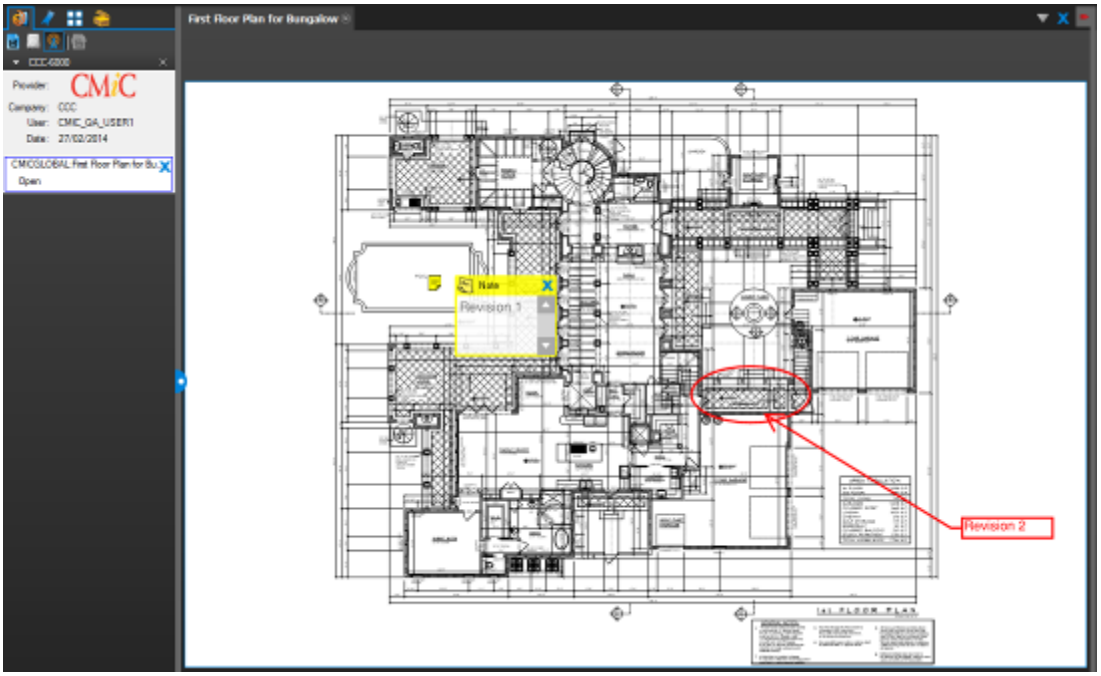
The above screen shows the attachment with Revision '0' and a 'History' link. Users will be able to click on the link to open the standard CMiC 'Attachment Detail' popup to view all the revisions. The following screens show the marked up revisions made to the PDF document from Bluebeam software. The attachment log in PM JSP objects will display the latest revision and users will be able to open the detail popup to view the history of revisions.

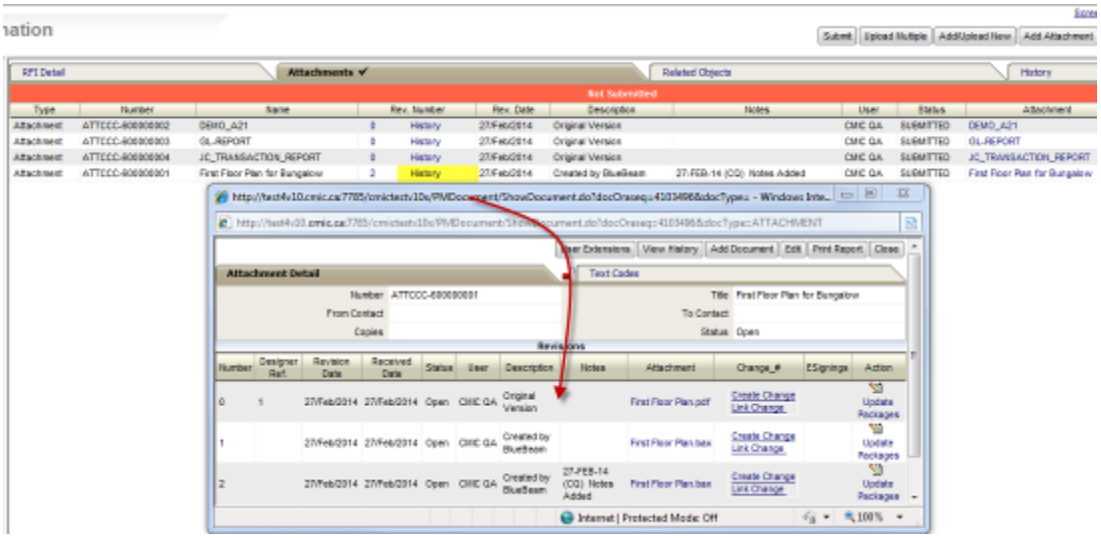
Clicking on the attachment name in the log itself would open the revision file in Bluebeam software for further revisions.


File Edit View Document Markup Measure Window Help
First Floor Plan for Bungalow*
Provider CMiC
Company CCC
User CMIC_QA_USER1
Date 27/02/2014
CMICGLOBAL_First Floor Plan for Bungalow
Open
Note
Revision 1
Double click to open Pop-Up Note
Grid Snap Content Markup Reuse Sync

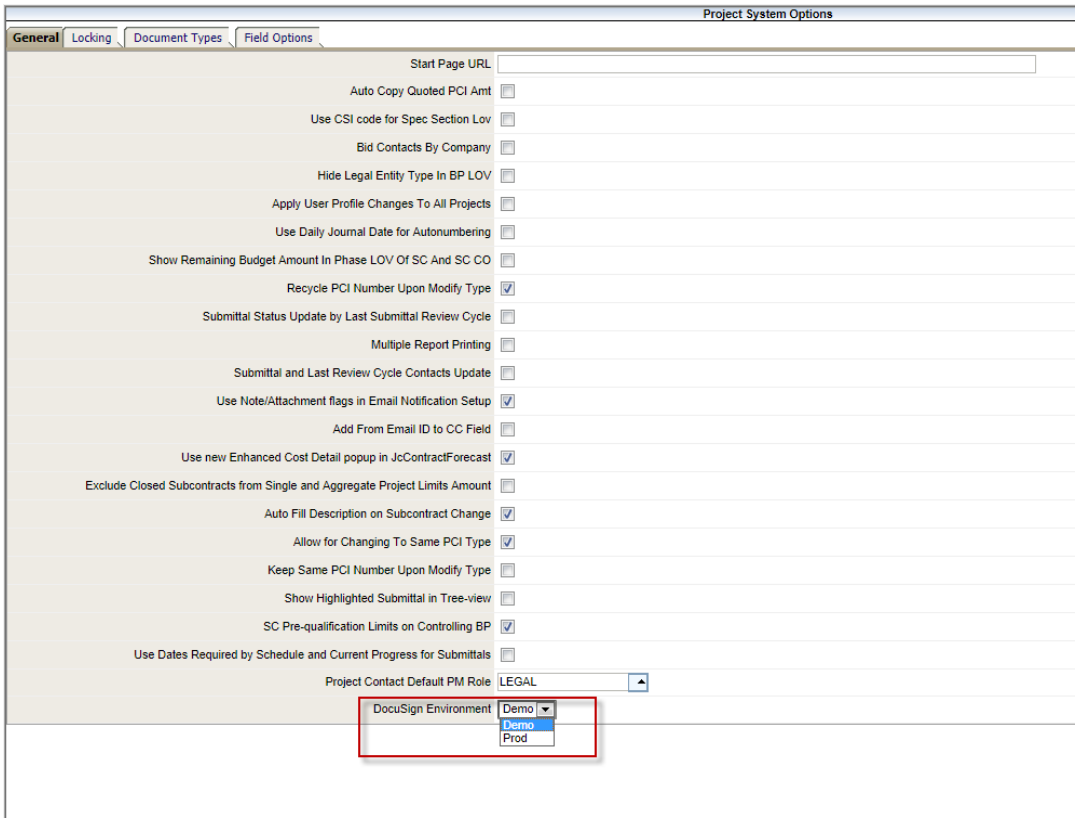

Request for Information
Upon Refresh, the attachments log in RFI screen displays the latest Revision


Request for Information
Clicking on this attachment link, will open the Rev1 of .bax file for further revisions


First Floor Plan for Bungalow
Note
Revision 1
Revision 2

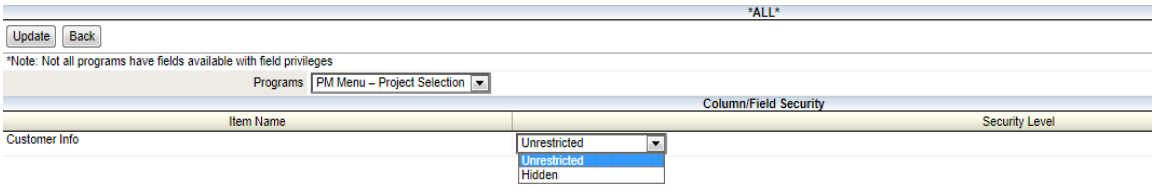

Attachments
Attachment Detail

PM JSP/DocuSign – Option for Demo or Prod Environment (14.88860)



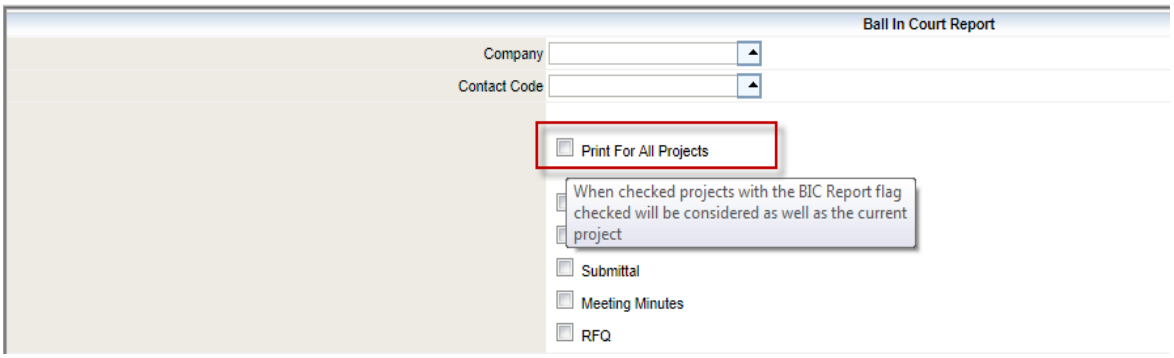
Added a DocuSign environment setting to the General tab of PM Systems Option screen and applied changes to send to the DocuSign DEMO or PROD environment based on the PM System Option setting.

Field Security for Customer Info in Project Selection LOV (11.59900)



Added field security for the Customer and Address fields in the Project Selection LOV of the Project Management tree-view.

Ball In Court Report – Print For All Projects (14.86766)



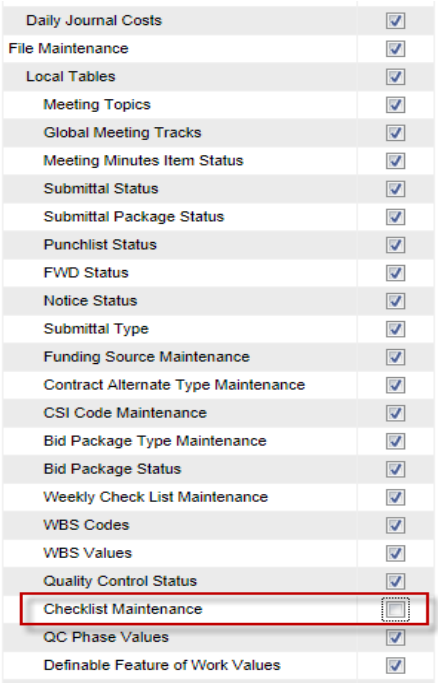
Added the checkbox '**Print For All Projects**' to the report launch screen for Ball In Court Report. When this flag is checked all projects (across companies - if company is not selected) with the BIC Report flag checked in the Project Maintenance screen will be considered, in addition to the current project.

Checklist Maintenance (13.85759)

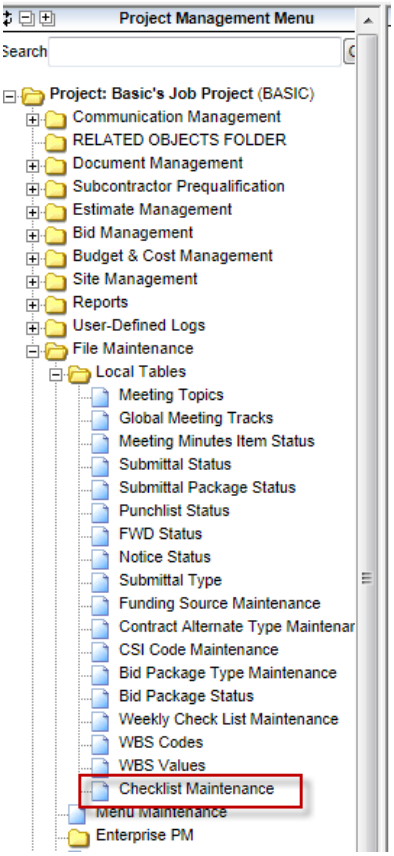
Enhancements have been applied to allow the definition of **additional** Checklist Types in CMiC (the Weekly Checklist was already a part of the product offering). These types can be defined under the menu item File Maintenance> Local Tables > Checklist Maintenance. For example, checklists can be defined for Cleanup, Safety, Site Preparation etc.

An outline of how to set up the Checklist Maintenance for use is given below in a sequence of steps:

1. Assign security access to the CheckList Maintenance program via the 'Assign Menu Items' option



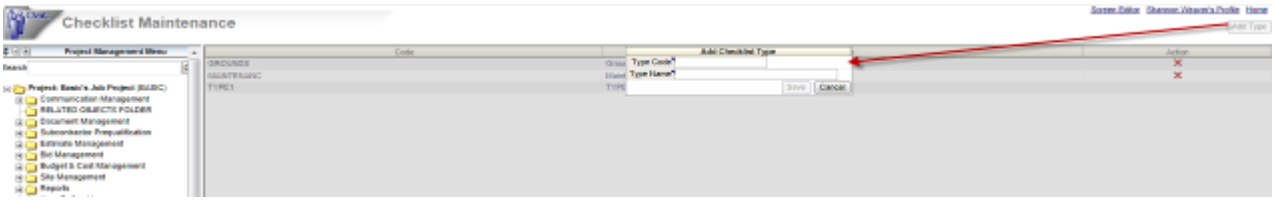
2. The program is now available on the standard PM JSP tree-view for launching. Any **custom** tree-view will require changing to include this program

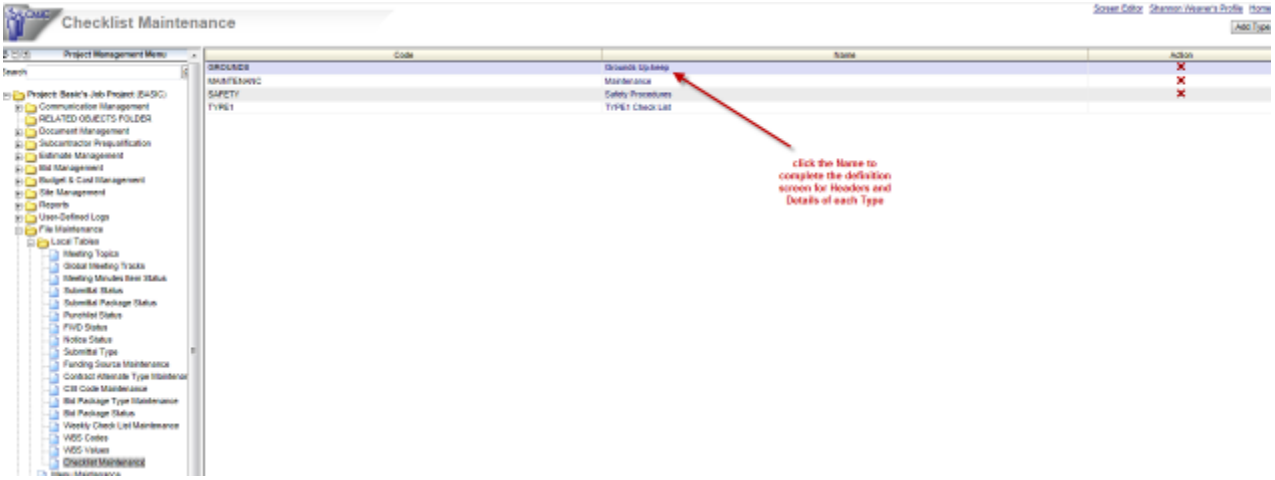


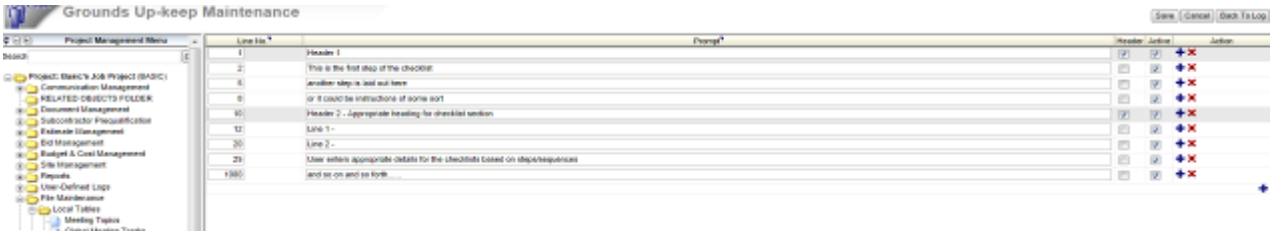
3. Launch the Checklist Maintenance program to allow setting up of various checklist Types. TYPE1 is a standard checklist representing the 'Weekly Check List' program located under Site Management node.



4. Click the [Add Type] button to add more checklist types:

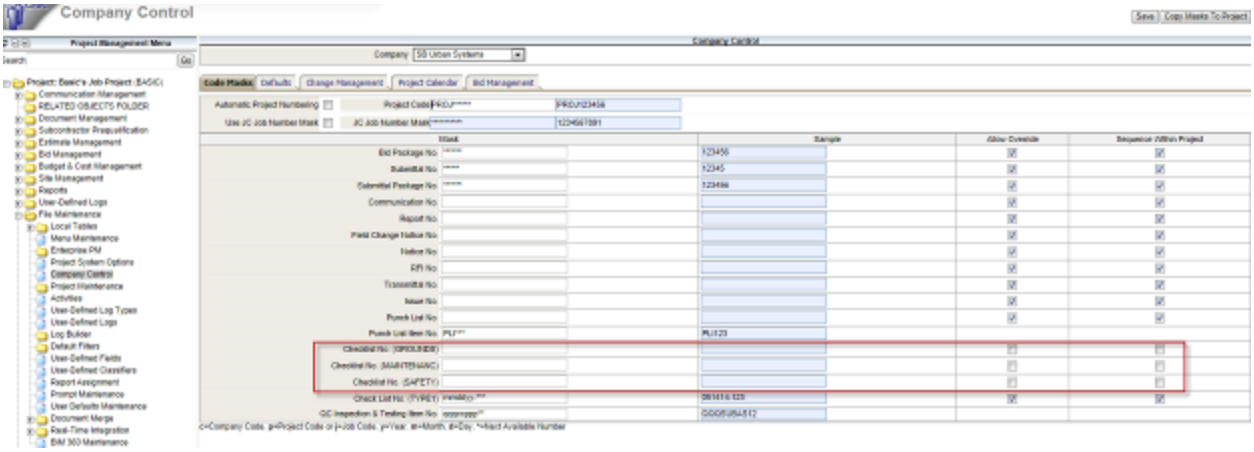




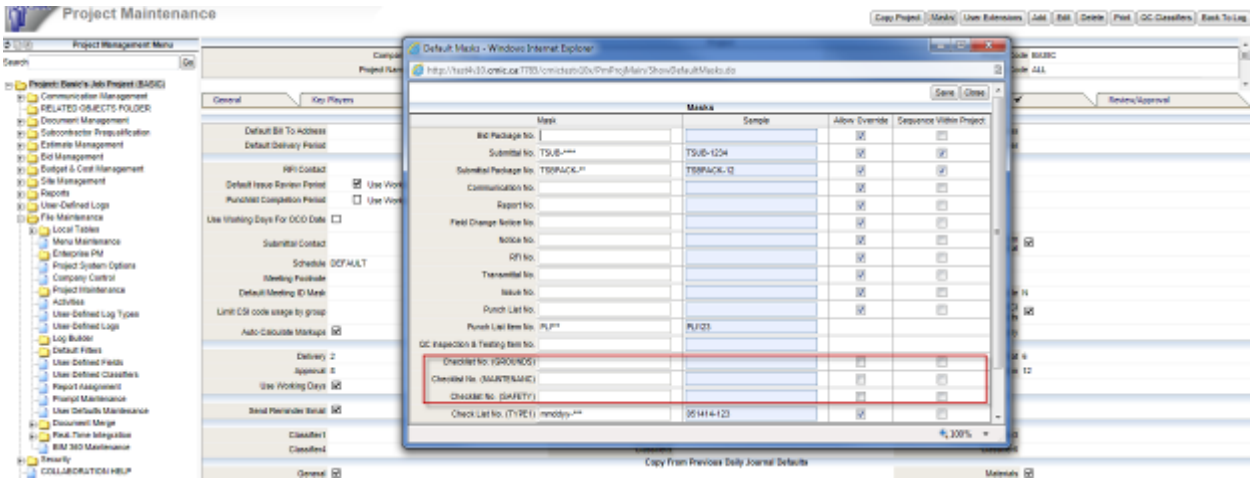


5. Once Checklist Types are created, a number of related records are created in the system:

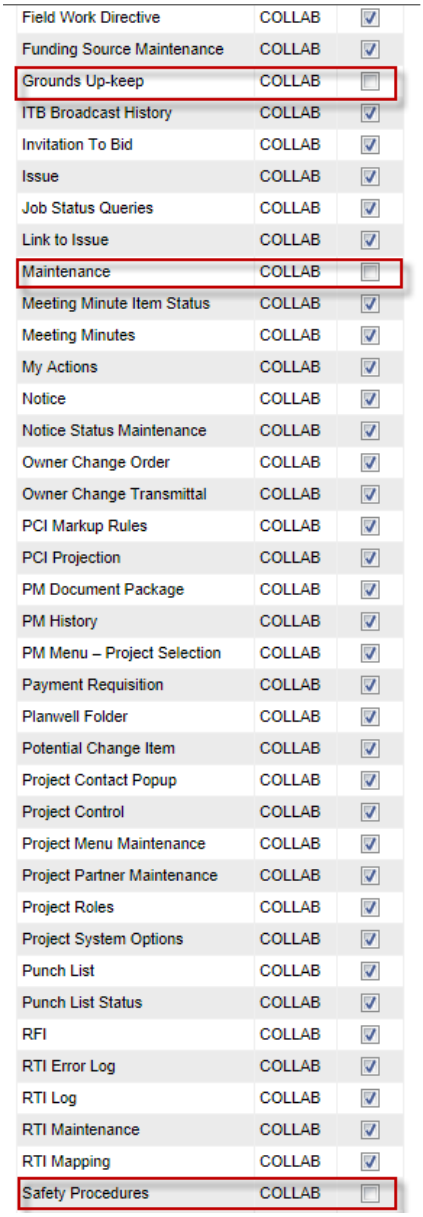
a) **Company Control – Code Masks**



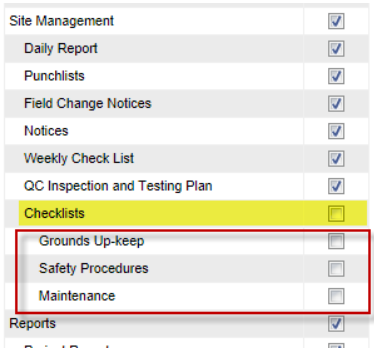
b) **Project Maintenance – Masks**



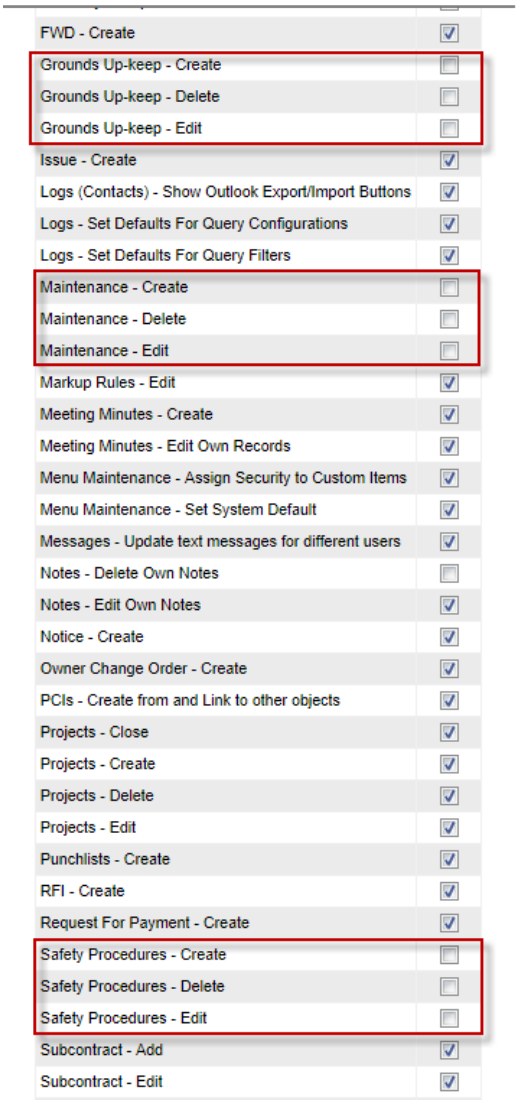
c) **Security : Assign Programs, Assign Menu Items, Add/Remove Privileges** (Add, Edit, Delete):



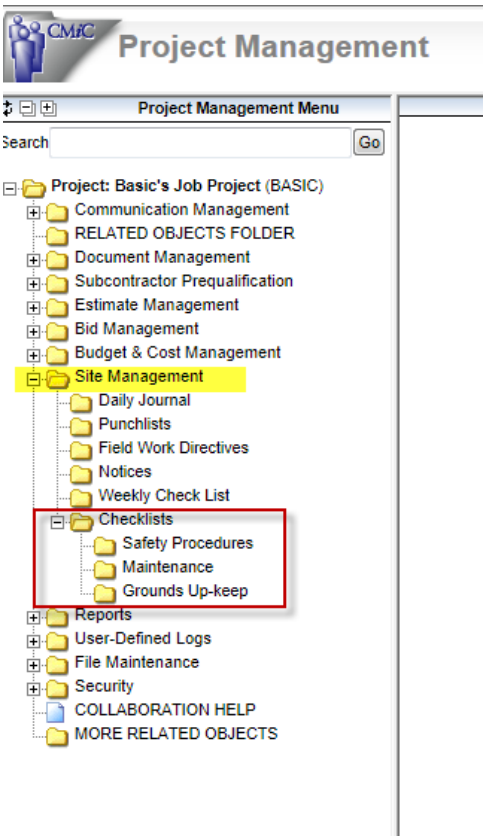
Assign Programs



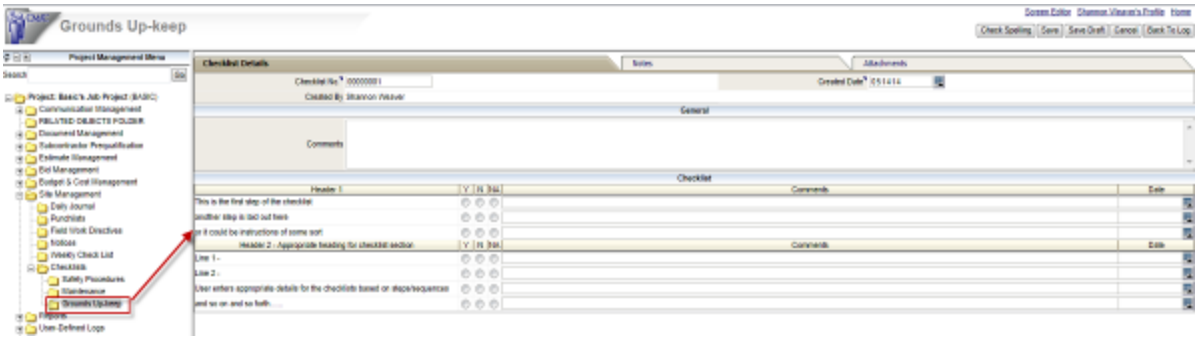
Assign Menu Items



6. After assigning security access to these programs, menu items and privileges, the user can now start using the checklists. They are located under the **Site Management > Checklists** node of the standard tree-view, but would possibly need to be added to custom tree-views:



7. When the user clicks on the [Add] button after selecting a checklist program, the screen display will be based on the setup definition in step 4, for example, for 'Grounds Up-keep' this is what the 'Add' would show:



[Save Draft] for Checklists (12.66850)

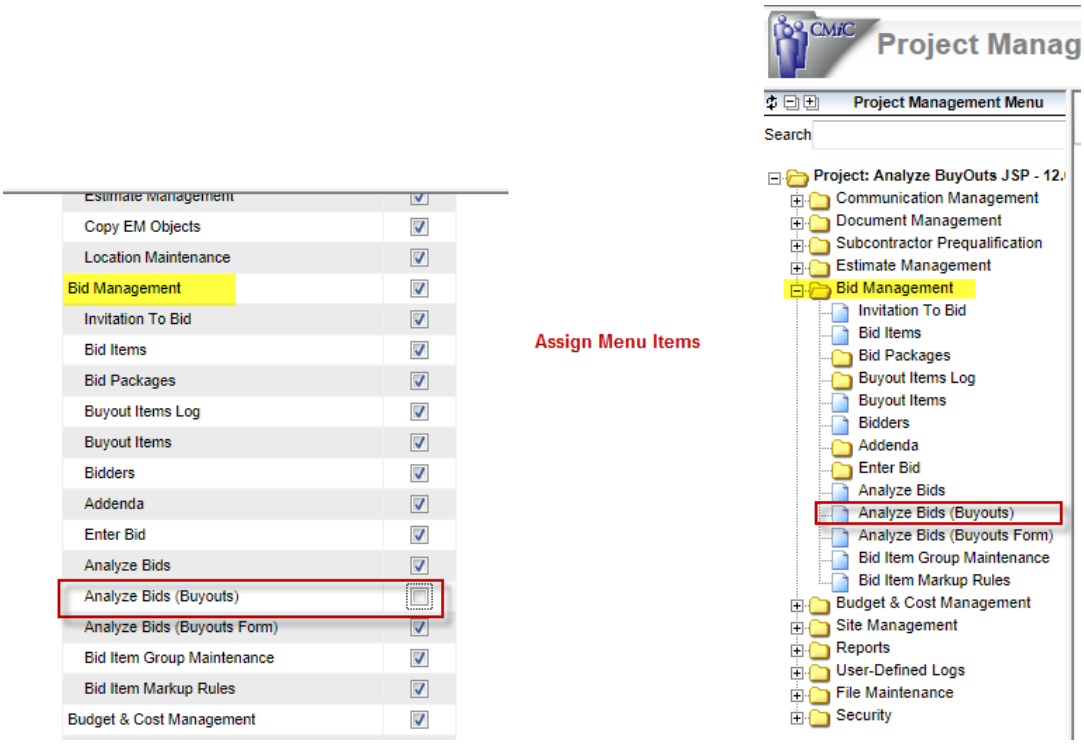
Made changes to add a [Save Draft] button to the Checklists screen (any type). Unlike the [Save] button, the Save Draft does not have any validation beneath it, allowing the user to save incomplete data to return to later for completion.

Bid Analysis (Buy Out) (12.69201)

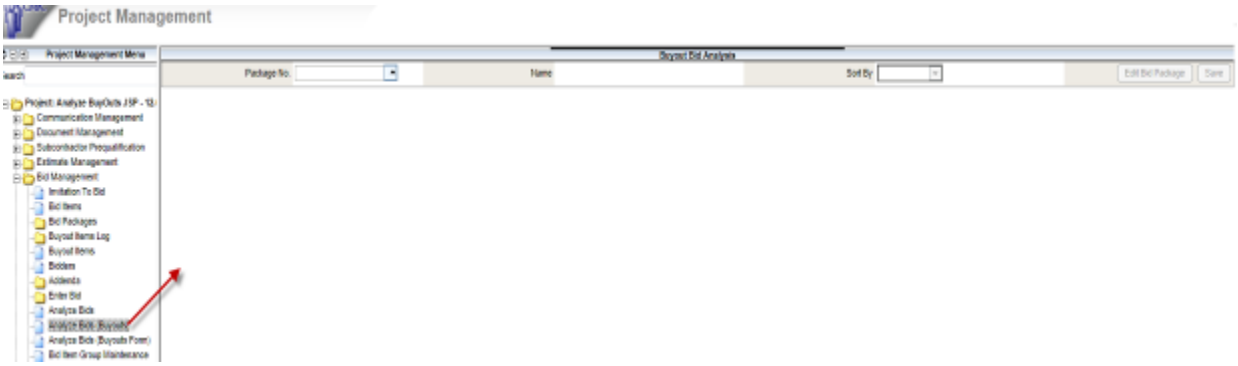
The BETA version of this program was introduced in the previous patch. The completed program features are described below. It allows comparative analysis of bidder quotes, and purchase of the preferred quote via a PM JSP program interface. It functions in much the same way as its FORMS counterpart.

Bidders shown in the screen are those who have the 'Accept' flag checked against them in the Bidders tab of the associated Bid Package.

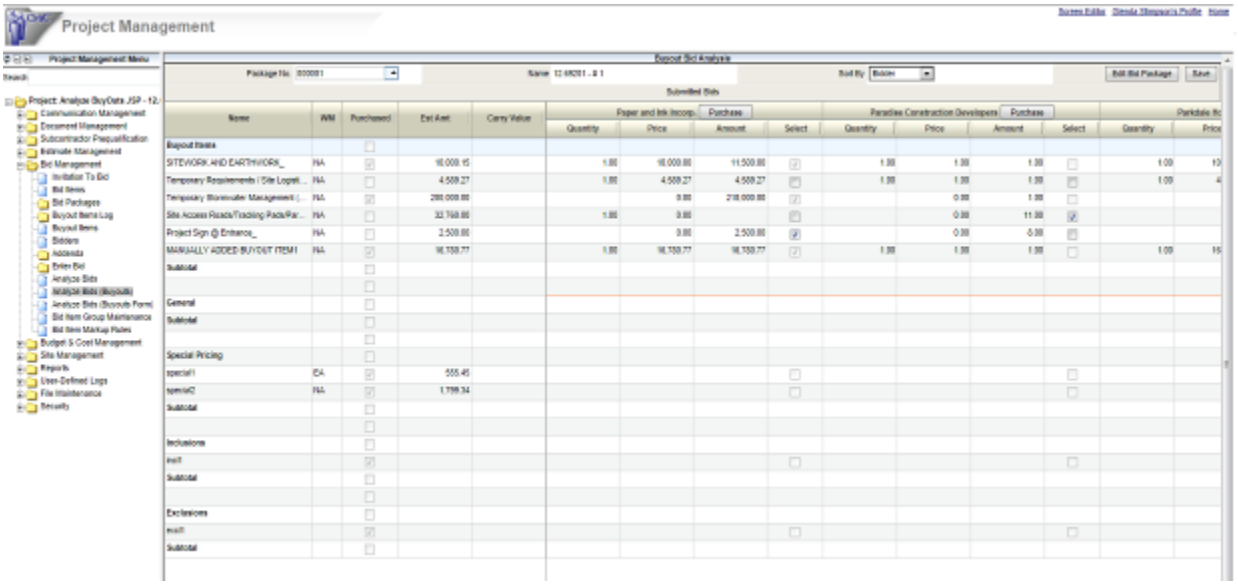
Once security access is applied to the user/user role for the Analyze Bids (Buy Out) program (via Assign Menu Items), it can be accessed from the standard PM JSP tree-view under the Bid Management node. For custom tree-views, the program will need to be added using Menu Maintenance.



Clicking on the program in the tree-view launches the Buyout Bid Analysis screen showing a field to enter or select the Bid Package:



When the Bid Package is entered the Name field is populated and the **[Edit Bid Package]** button becomes enabled.

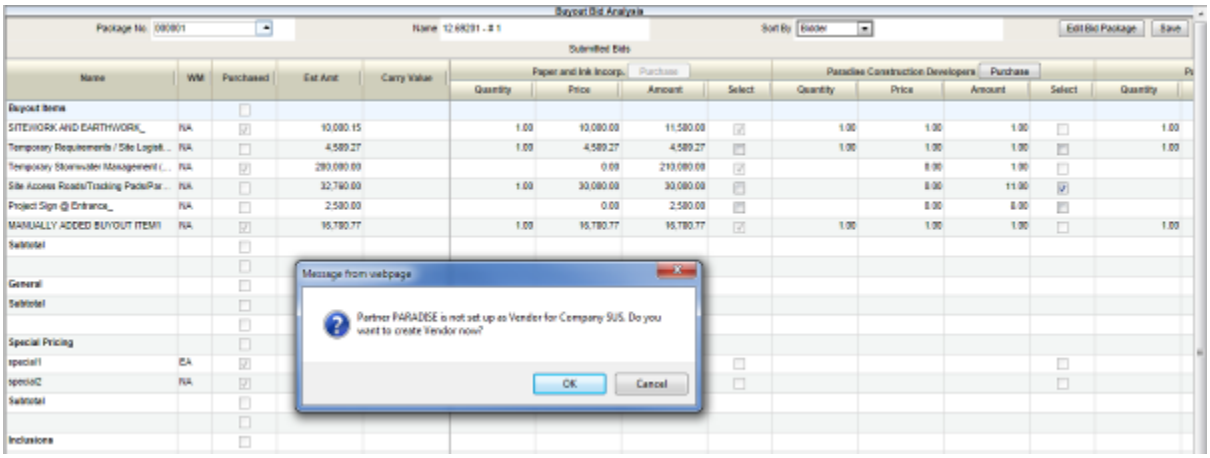


As said before, only bidders with a 'Yes' (checked) in the **Accept** field of the Bidders tab in the Bid Package will be displayed in this screen.

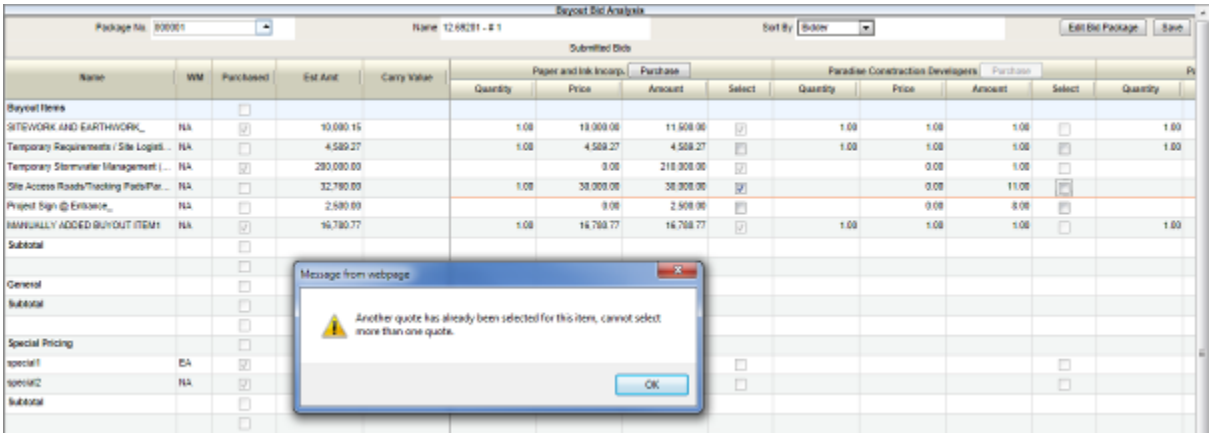
This screen is also updated by vendor submissions from the Bid Entry (JSP).

Buyout items can be selected for purchase in the same way as done in the FORMS version, by checking the item under the desired vendor and clicking the [Purchase] button beside the vendor name. **Only Subcontracts are created through this Purchase process.**

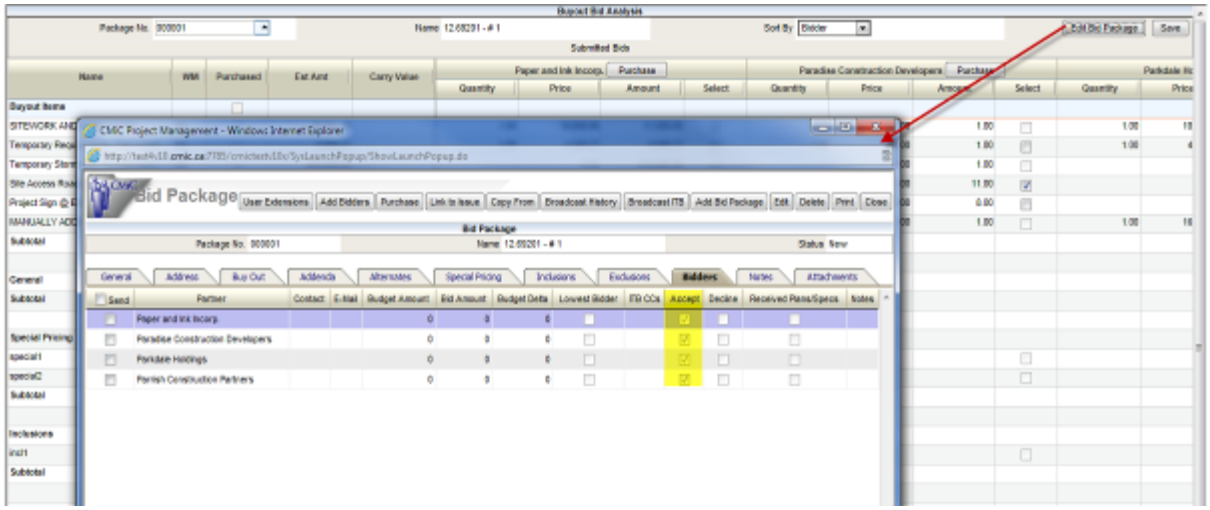
If a business partner is selected that is not previously setup as a vendor for your company and you click the 'Purchase' button beside it, a message will be displayed informing you of this and give you the option of creating the vendor record 'on the fly':



Also, if you try to select the same buyout item under more than one vendor you will receive a message that a quote has already been selected for the item:



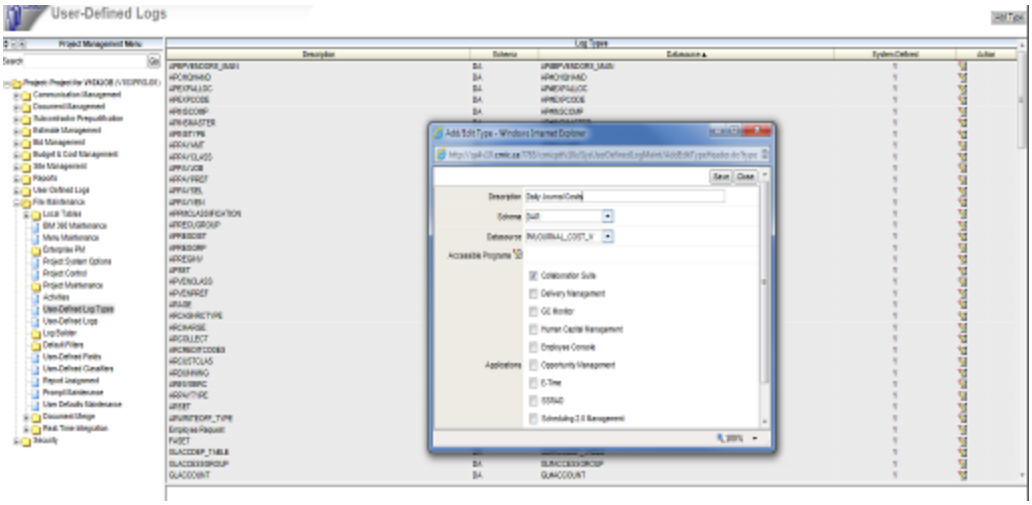
The **[Edit Bid Package]** button is a short-cut way of getting back to the current Bid Package to make changes (add bidders, add buyout items etc.), which will update the Analysis screen after the popup window is closed:



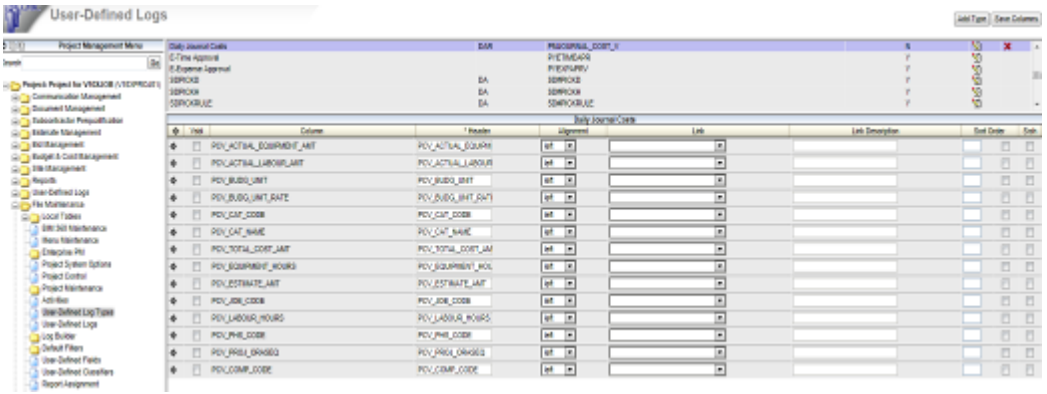
Daily Journal Log View for Equipment and Labor Costs (14.86921)

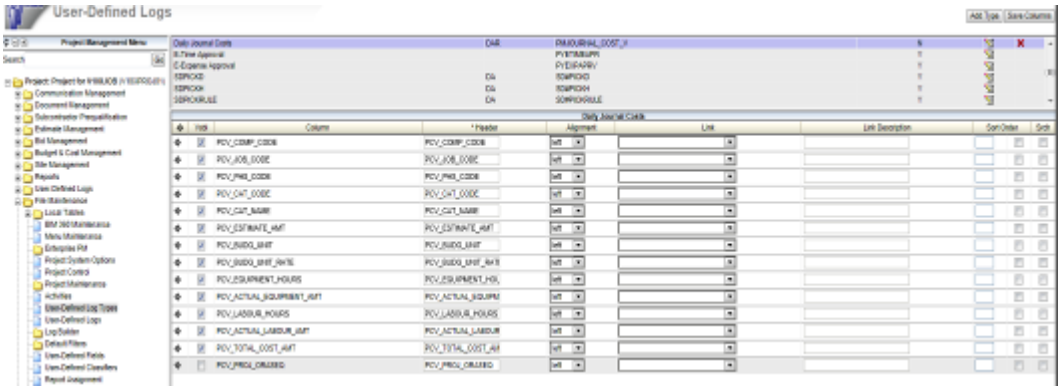
A new Daily Journal view associated with Equipment and Labor costs has been created. The view has been defined for use in User Defined Logs. The source name is PMJOURNAL_COST_V under schema DAR.

For example, in the screen shot below a User Defined Log Type is defined based on this new view:



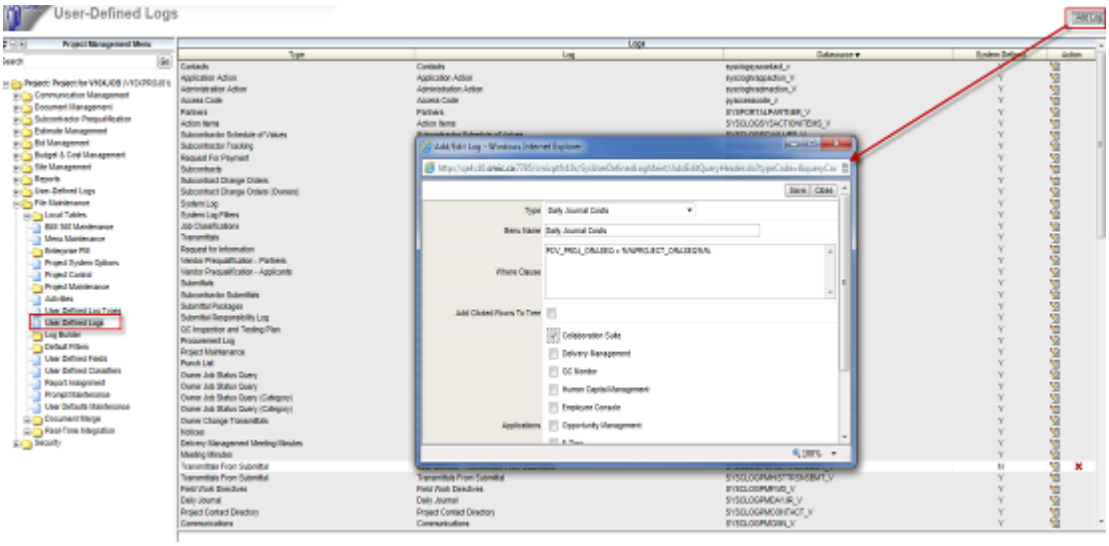
Once the definition is saved, the user can see the underlying columns of the view and select the desired columns and apply other attributes (alignment, link, sort order, etc.), and re-positioning:





This log type is now available to be used to create user-defined logs.

It is also not restricted to a specific project so the WHERE clause will also need to be setup like **PCV_PROJ_ORASEQ = %%PROJECT_ORASEQ%%:**

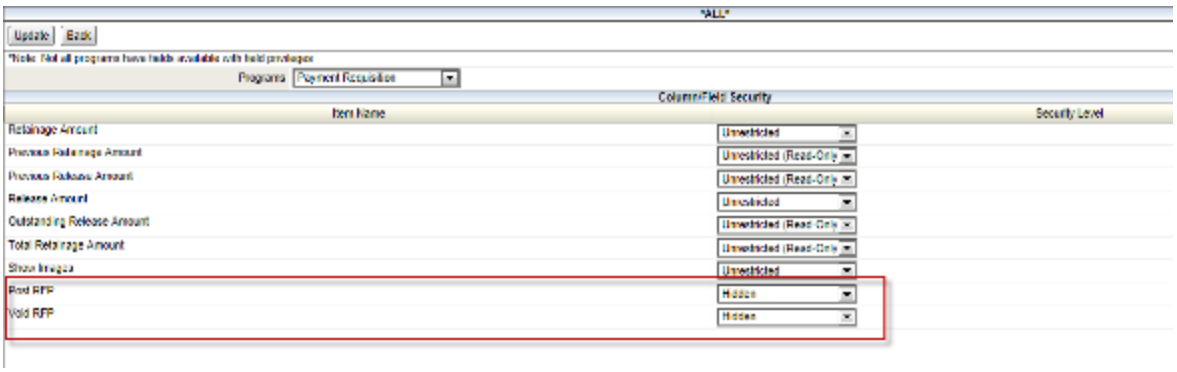


The view groups the records based on Job/Phase/Category so all data is summed up across all the Daily Journal records for a given project (when WHERE clause is applied).

Tree-view Nodes Disabled if No Project Assigned (14.88491)

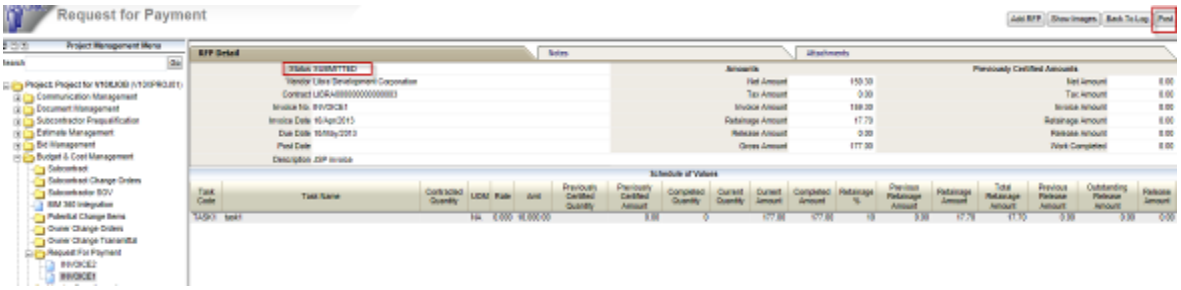
Project Tree-view - Disabled all tree-view nodes when 'No Project Assigned' (i.e. when user is not assigned to a Project).

Request for Payment – Posting and Voiding in PM JSP (12.69914)



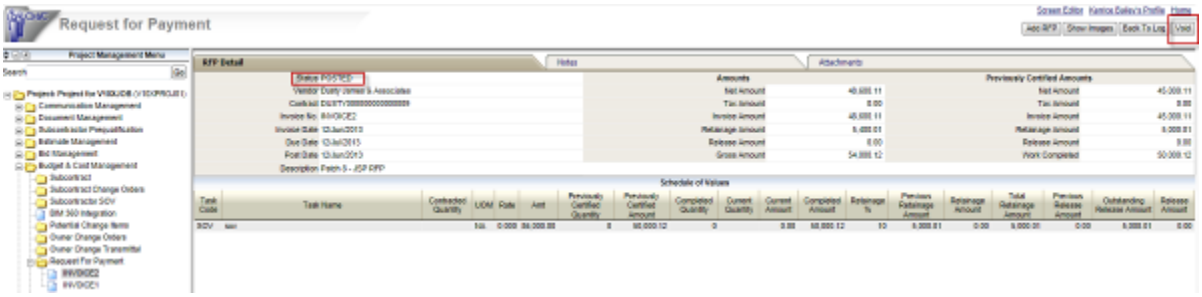
The ability to post and void payment requests has been added to PM JSP through the introduction of the [POST] and [VOID] buttons. Field security has been applied to both buttons by default, and has been set to 'Hidden' on the *ALL* role for both.

IMPORTANT NOTE: The value set for both the Post RFP and Void RFP privileges will be overwritten by **re-installation** of patch V10-X-013.

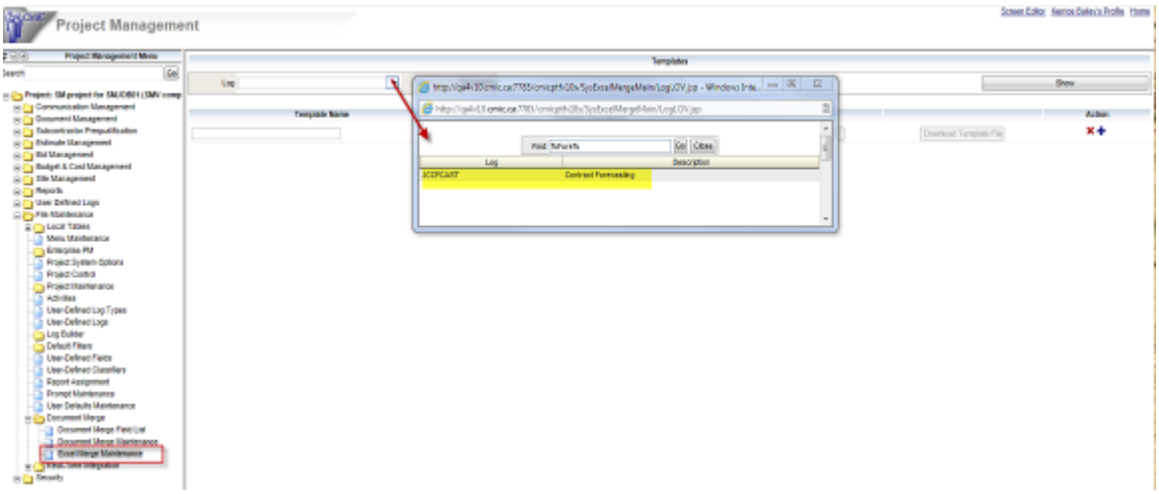


Once the RFP is **submitted**, the [POST] button will be available to any users who have been assigned 'Unrestricted' access. Posting in PM JSP will generate the same Posting Reports as its FORMS counterpart.

The [VOID] button is available on a POSTED payment request when the user is assigned 'Unrestricted' field security to this button. Printing of voiding reports is done in the FORMS version for the time being, similar to the Subcontract Voiding reports for PM JSP.

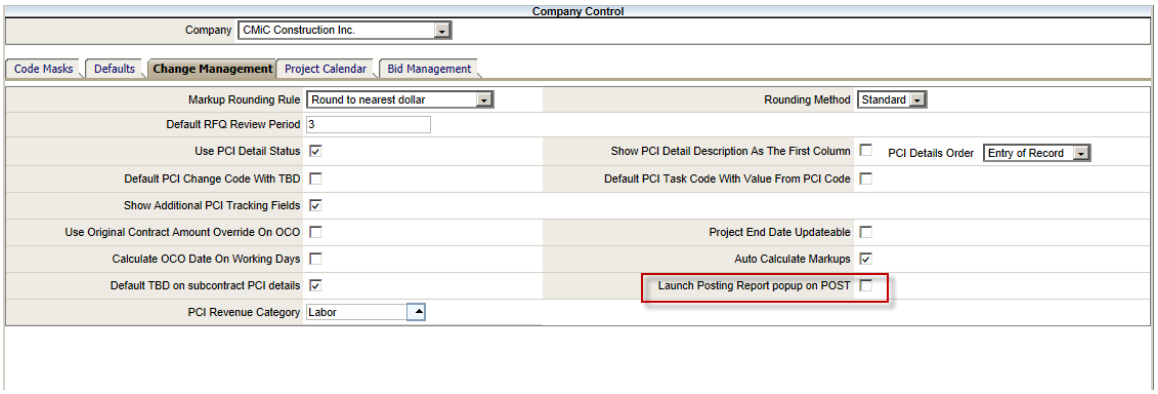


Contract Forecasting with PCI Projections – MIP Template (12.74636)



Contract Forecasting with PCI Projections has been modified so that the Send to Spreadsheet can be used with MIP. Users can now create their own templates for the Contract Forecast. The Log to select in the Excel Merge Template screen is 'JCCFCAST – Contract Forecasting'.

PM Control Flag for Printing Posting Reports (13.76467)

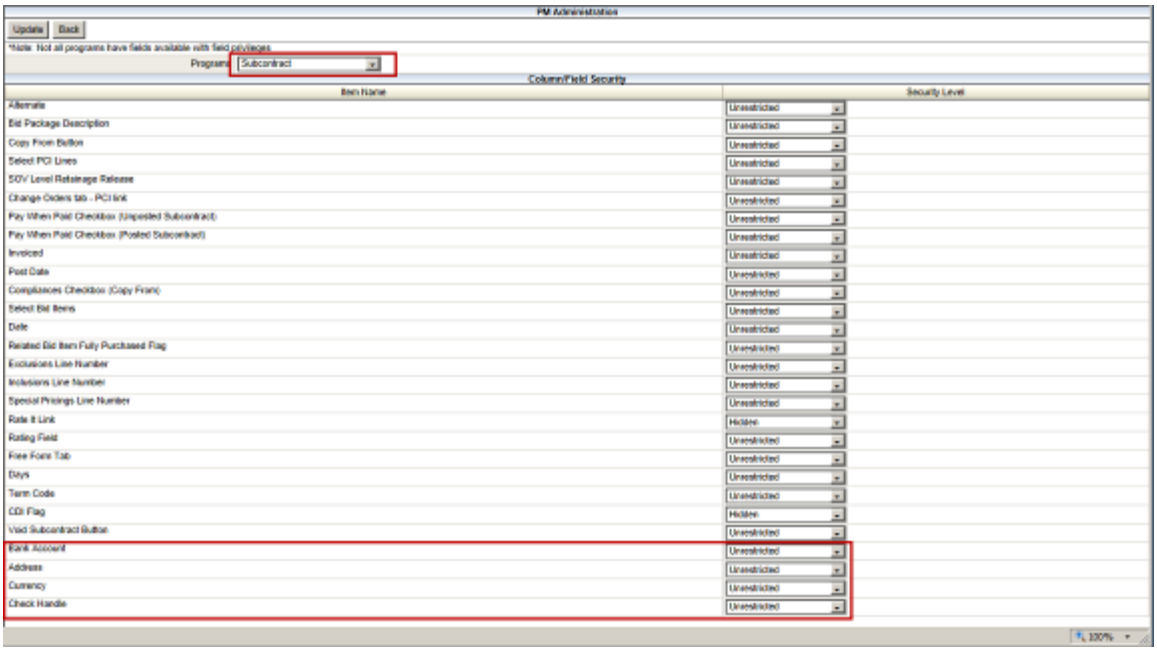


Project Control - Made changes to add flag '**Launch Posting Report popup on POST**'.

When this flag is checked for the company the Posting Report window will appear upon posting Subcontract, PCI, Request For Payment, Subcontract Change Order, Owner Change Order. By default this flag is set OFF.

Field Security for Fields in Subcontract Header (14.87819)

Subcontract Entry - Implemented field security for the 'Bank Account', 'Address', 'Corresp. Address', 'Currency' and 'Check Handling' fields.

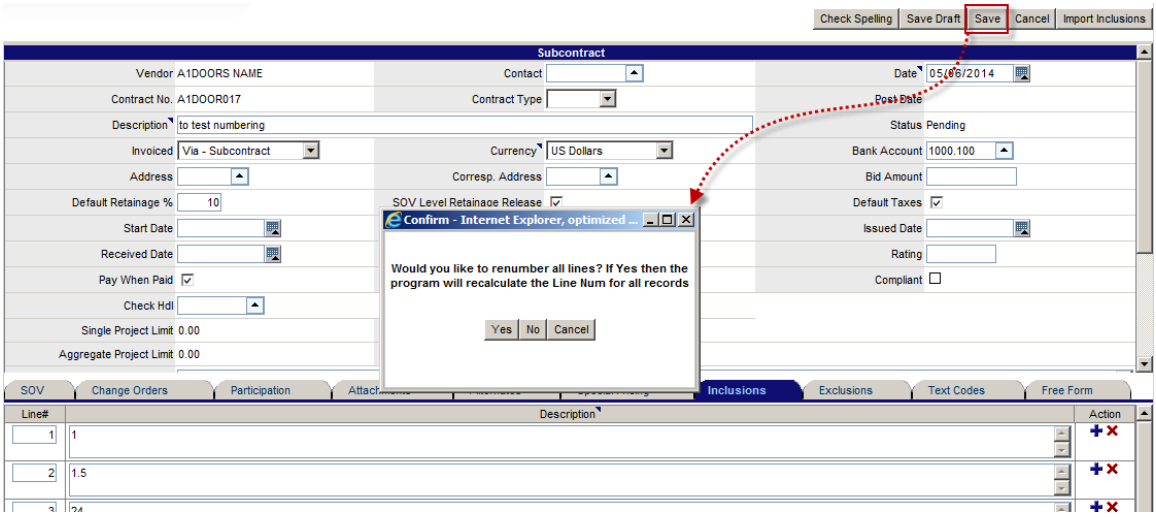


There are three security options for each field: ‘Unrestricted’, ‘Read-Only’, ‘Hidden’. By default the security is set as ‘Unrestricted’ for each field.

NOTE: Security item ‘Address’ controls the access to both ‘Address’ and ‘Corresp. Address’ fields.

Line Re-numbering for Inclusions, Exclusions and Special Pricing (14.88613)

Subcontract Entry - Implemented line re-numbering functionality for the records in Inclusions, Exclusions and Special Pricing. Depending on the ‘Line Number’ field security the entered lines will be re-numbered automatically (when security is set ‘Read Only’) or by request (when ‘Unrestricted’) upon [Save] or [Save Draft]:

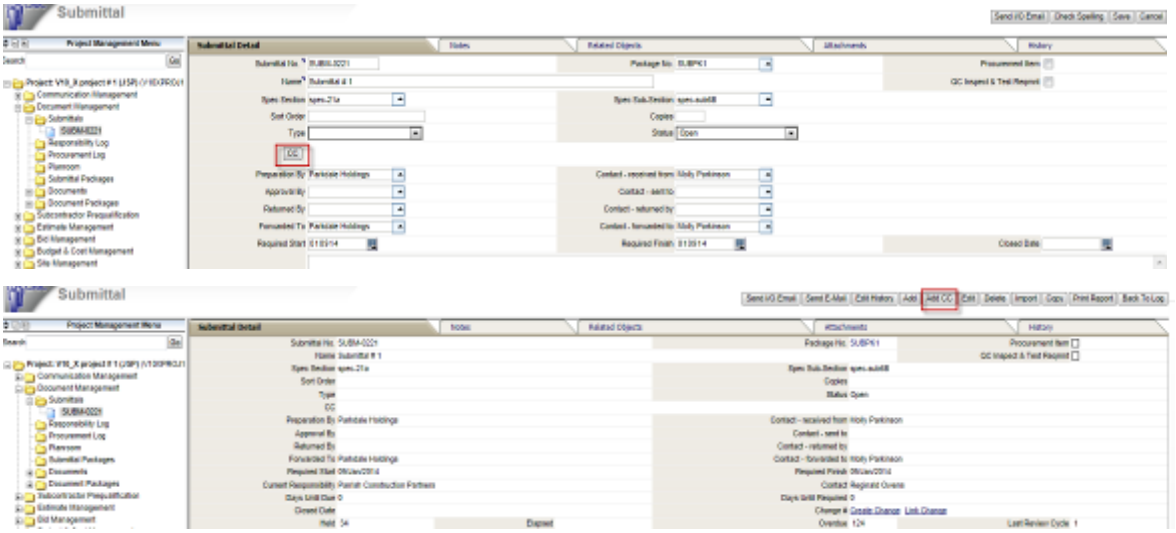


When “Yes” the system will re-number the records starting from the first one.

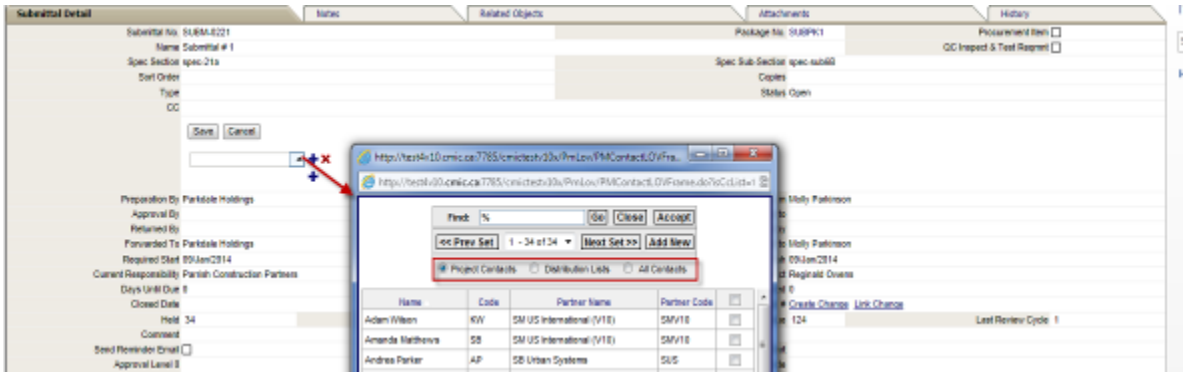
When “No” – the system will keep the user’s numbering.

[Add CC] Button for Submittals (14.88132)

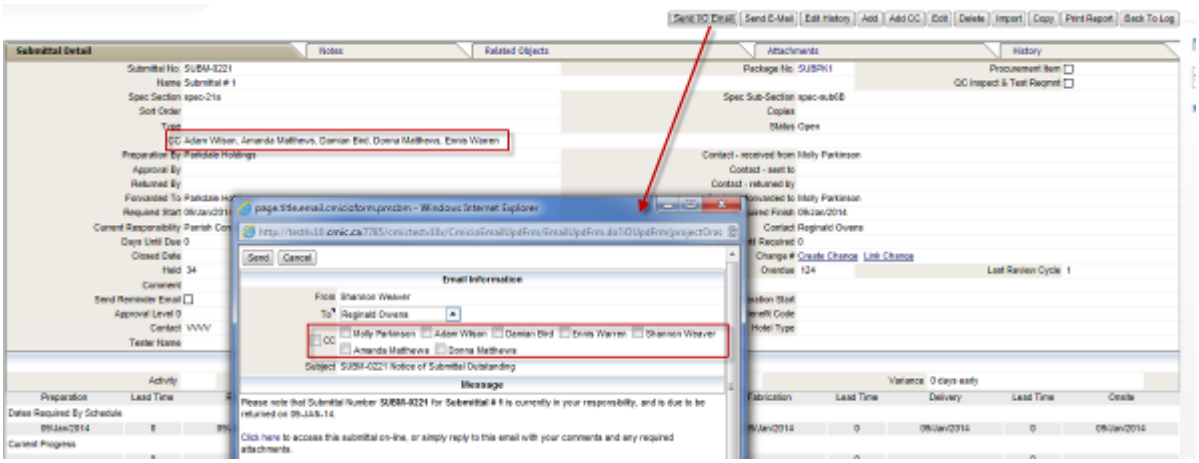
Added the CC button and field (similar to RFI) in Submittal for I/O email functionality:



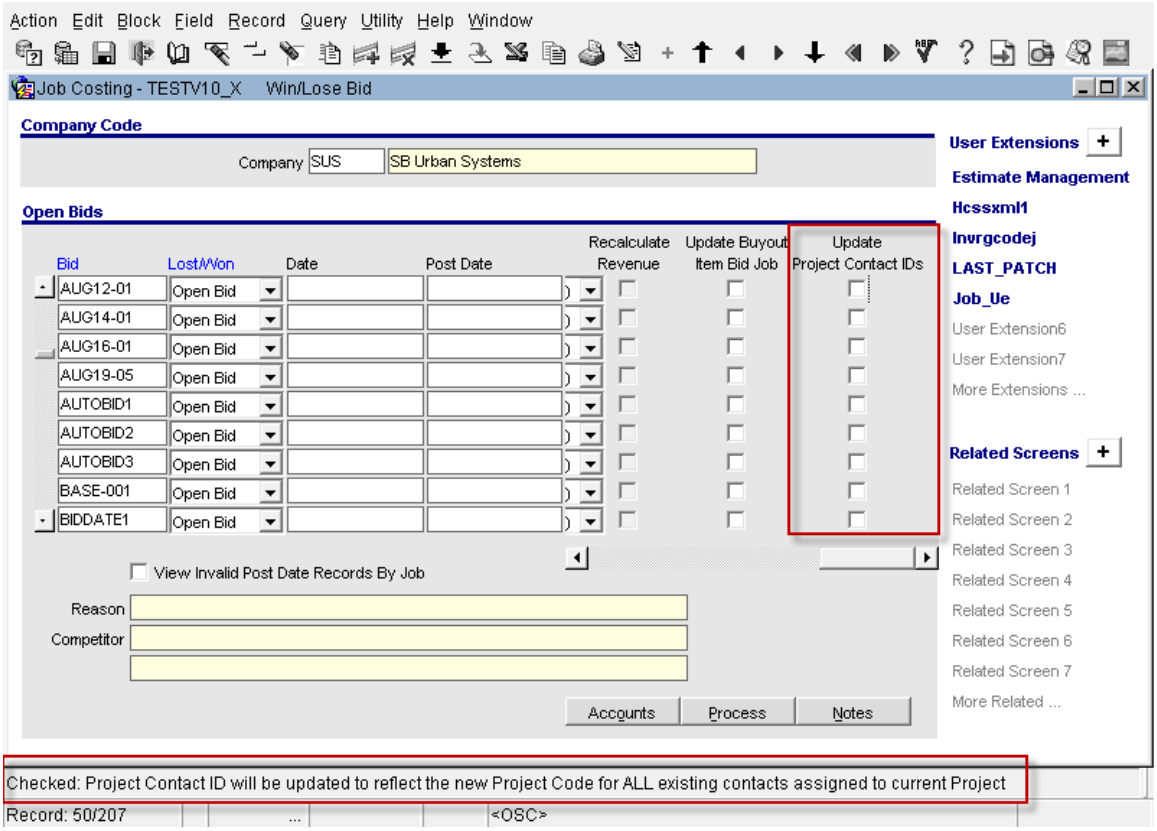
CC's can be selected from the current Project Contacts, Distribution List or All Contacts:



Any contacts added as 'CC' are available when the [Send I/O Email] button is clicked, as long as they have an email address:



Win/Lose Bid – Update Project Contact Id (12.71934)



Added a new flag "**Update Project Contact ID's**" to the JC Win/Lose Bid screen. When this flag is checked, all Project Contact ID's on the associated project will be updated with the new job code (also project code) that is entered in the Actual Job field of the win/lose bid screen. This is done to ensure any I/O emails sent will reflect the new project code. The default setting of the flag is 'un-checked' to maintain previous functionality.

NOTE: If there are any unprocessed I/O emails sitting in the I/O inbox which are for the contacts where Project Contact ID has changed, they will result in an error. It is not feasible to make the programming modification address these outstanding I/O's with the old project contact ID.

Equipment Transfer in PM JSP (12.67054)

Daily Journal - Equipment Transfer (similar to FORMS version) has now been added to PM JSP.

Field Security Visible for Project Only Contact 'on the fly' (14.90455)

Applied changes to make the field security for the Project Only Contact 'on the fly' flag on the Company Control screen visible. By default, it is set to 'HIDDEN' on the *ALL* role.

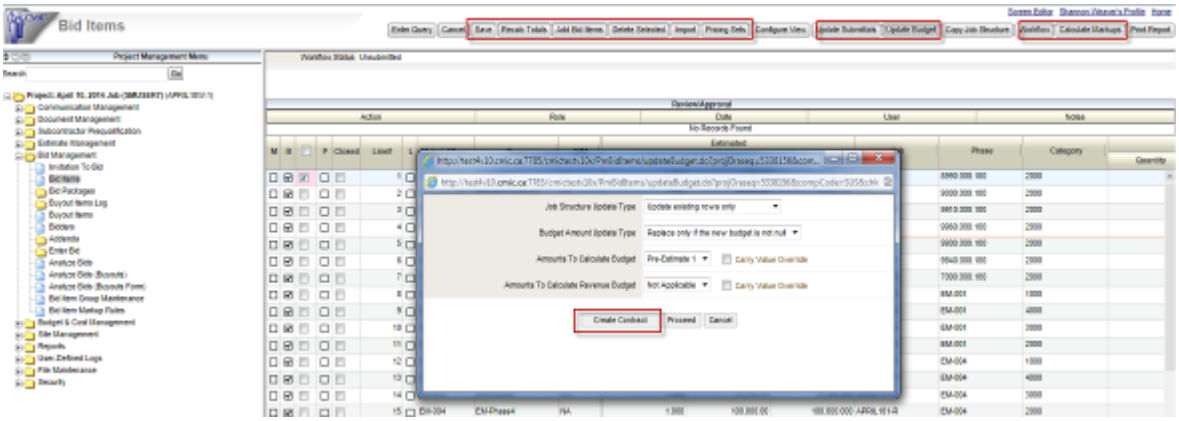
Bid Item Budget Update – Update JB Contract (13.83977)

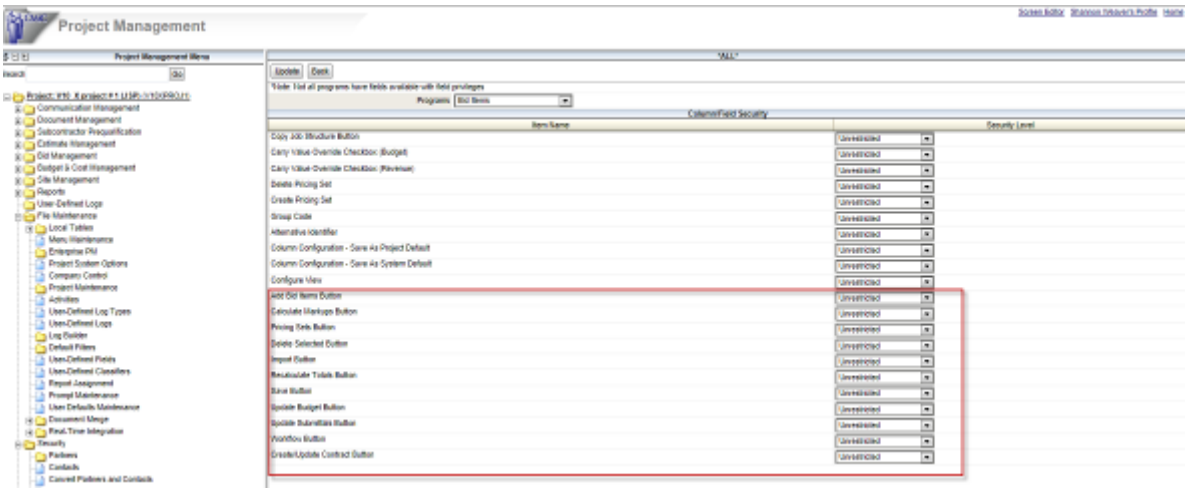
An enhancement has been made to the Bid Item Budget Update to include updating of JB Contract. Also, added field security for all buttons except Enter Query, Cancel and Print Report.

The changes made are outlined below.

1. Field Security on Bid Item buttons

Field security can be applied to all the buttons in the Bid Items screen except the [**Enter Query**], [**Cancel**] and [**Print Report**]:



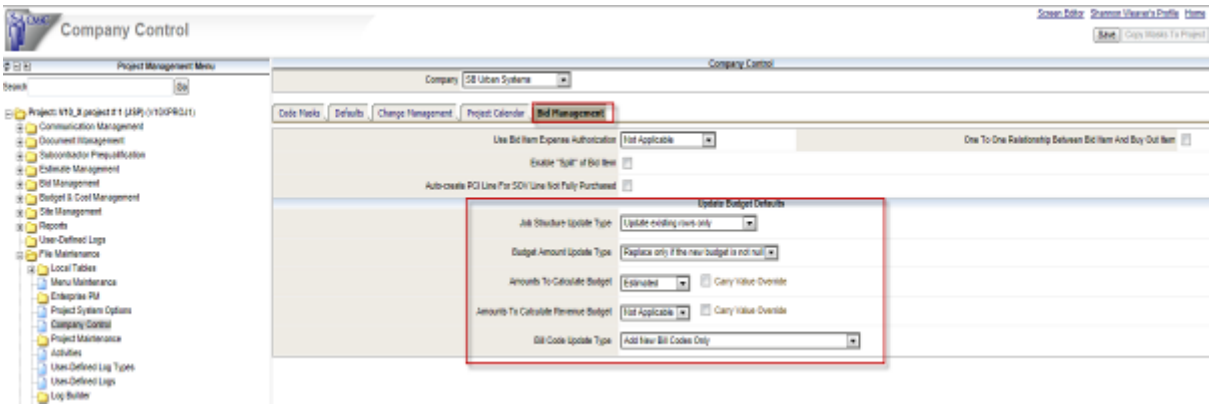


[**Copy Job Structure**] and [**Configure View**] buttons already had field security ability programmed before these current changes.

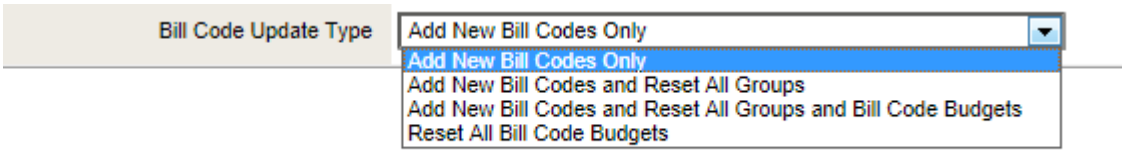
The [**Create Contract**] button changes to [**Update Contract**] once the Job Billing Contract is created, so the field security applies to both.

2. PM Control – Update Budget Defaults

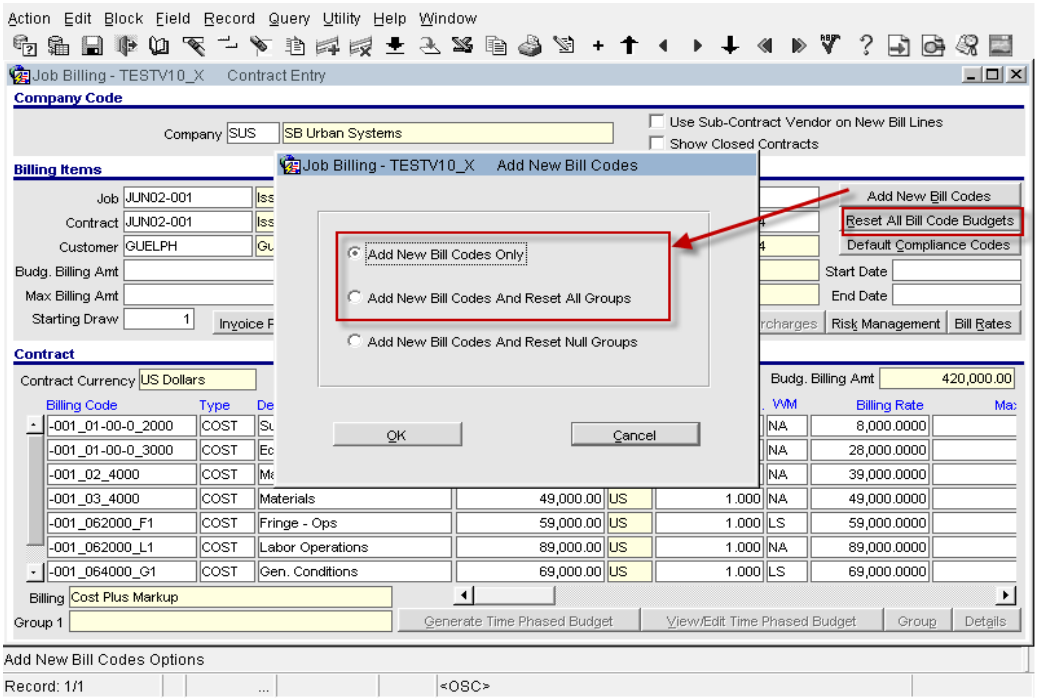
Added **Update Budget Defaults** section to the Bid Management tab:



The first four fields in this section are the same as those in the previous Update Budget popup window. The fifth field '**Bill Code Update Type**' has been added as a drop-down box with the following options:



These are the same options that are available in the Job Billing Contract of CMiC Enterprise and function in the same way (refer to Job Billing Manual):

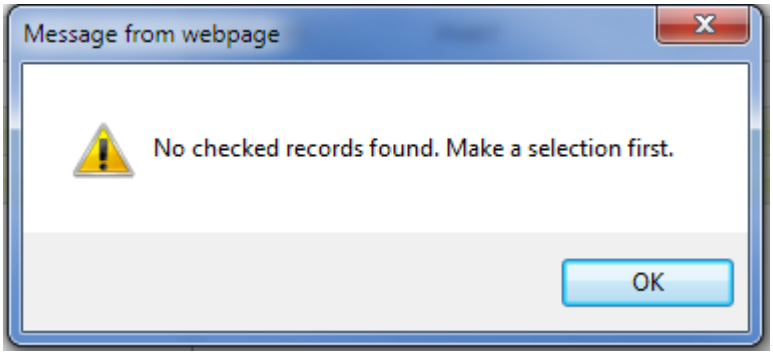


The default values can be set in Project Control, after which they will be inherited by any new projects.

3. Bid Items – Update Budget

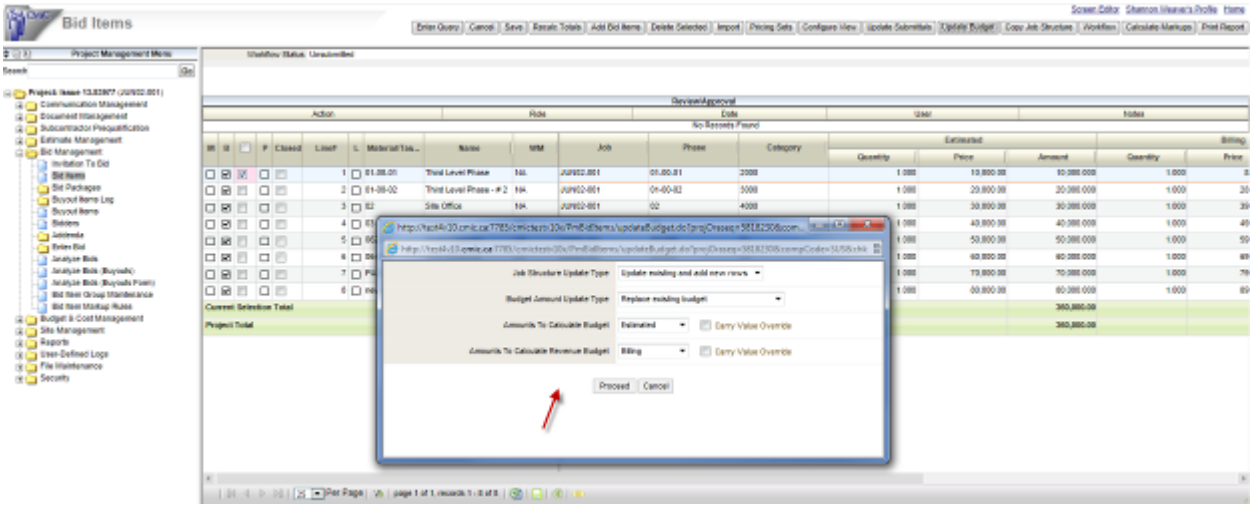
The Bid Items – Update Budget feature has been enhanced to use the new [Update Contract] button to apply updates to the bill codes of the Job Billing Contract directly from PM JSP, without having to go to the Forms version, once the budget has been updated with any changes via the [**Proceed**] button.

To use the Update Budget functionality, at least one bid item must be selected, otherwise the message:



will be displayed.

When at least one bid item is selected and the [Update Budget] button is clicked on, the popup will be displayed:

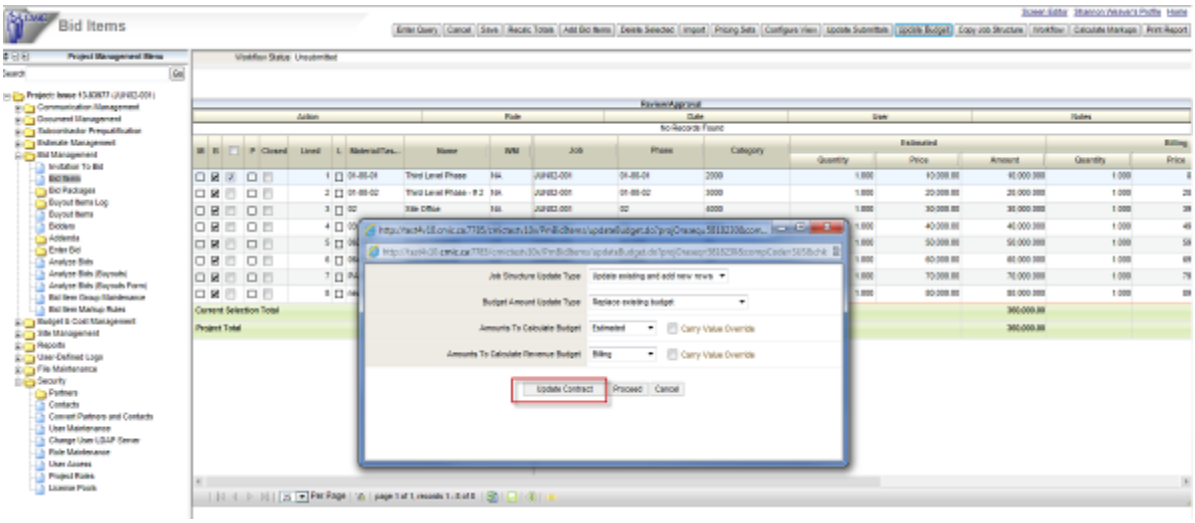


The values of the fields in this popup are inherited from the default values set in the Project Control, and can be changed here.

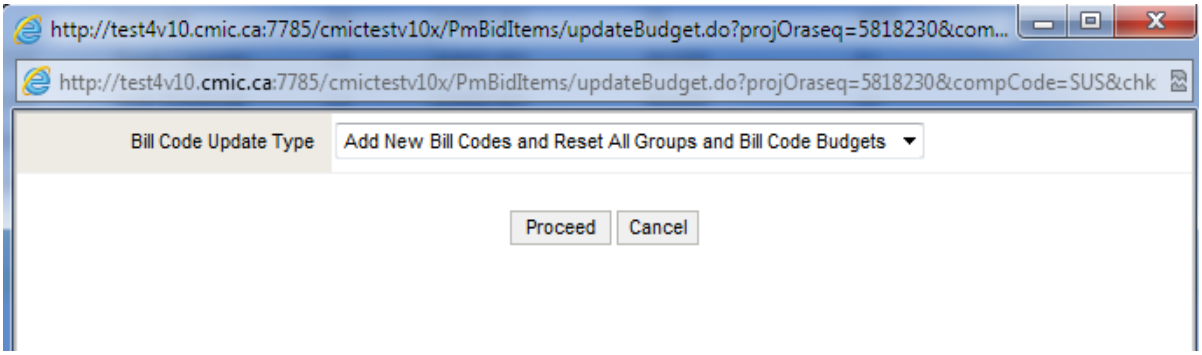
The **[Proceed]** button in this popup window is only used to update the budget based on the settings here.

If field security 'Hidden' is applied to the Create/Update Contract button it will not be shown in the popup window as seen in the above screenshot.

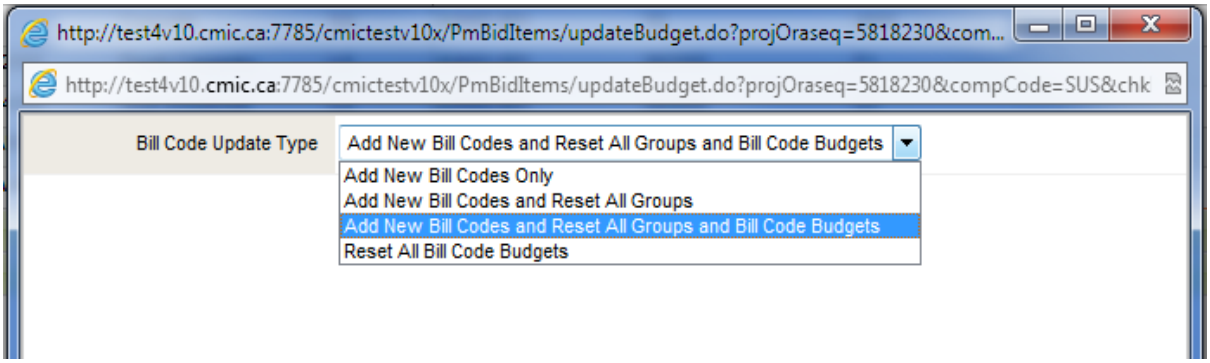
With field security on the button set as 'Unrestricted' the [**Create Contract**] button will be shown as [**Update Contract**] if the Job Billing Contract has already been created. Prior to these changes, the button would be disabled once the contract was created.



When the [**Update Contract**] button is active and the user clicks on it another popup window is displayed:



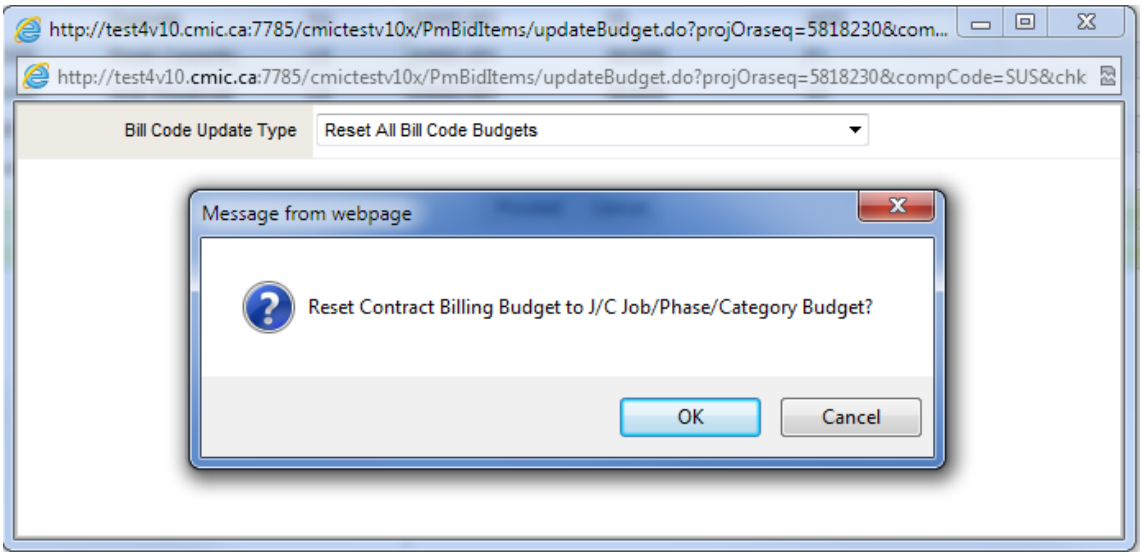
The following options are available to update the Job Billing Contract:



One or more bill codes are affected by any option selected, regardless of whether you had selected only one bid item, multiple or all bid items prior to clicking the [Update Budget] button.

'**Add New Bill Codes and Reset All Groups and Bill Code Budgets**' has the same functionality as 'Add New Bill Codes and Reset All Groups' AND 'Reset All Bill Code Budgets'.

When the '**Reset All Bill Code Budgets**' option is selected, a confirmation message is displayed (similar to the Forms counterpart):



Please refer to the Job Billing Manual for details on the comparable options.

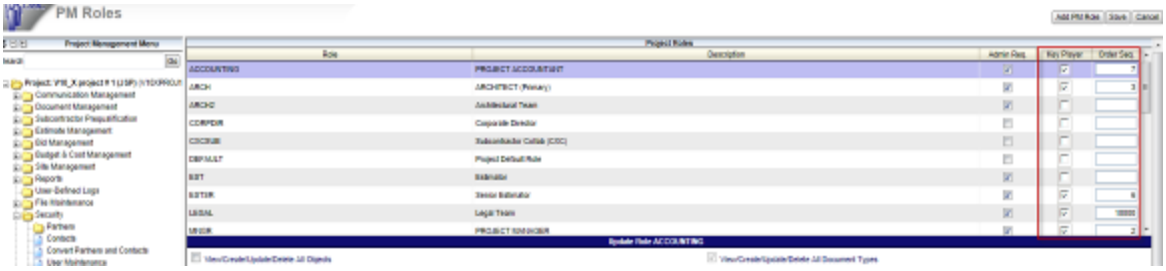
Once an option is selected, click [**Proceed**] to affect the update to the Job Billing Contract.

When the update is finished the user is returned to the Bid Items screen. Previously checked bid items are no longer checked, and the screen is refreshed.

FWD – External Collaborator Update of Follow-up Notes (12.72477)

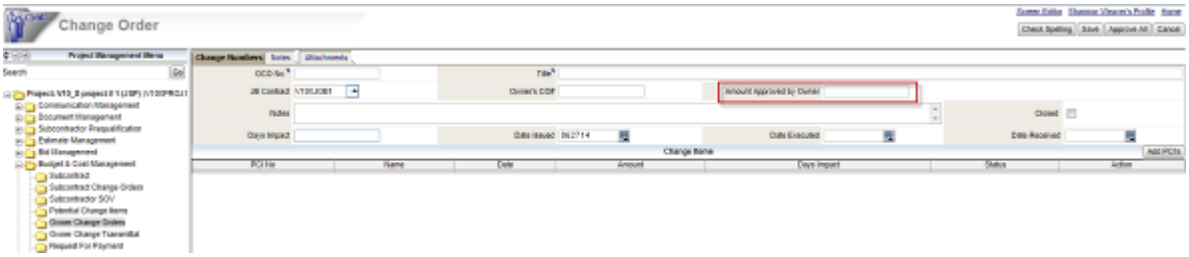
Applied changes that allow external users to edit a Field Work Directive to enter Follow-up Notes and Status, without giving them full access to 'Edit' in general. Follow-up notes and status field are available to edit if 'Update All' privilege is OFF for the user.

Project Roles – Key Player and Order Seq. in PM JSP (14.89262)



Added the Key Player checkbox and the Order Sequence field to the PM Roles screen in PM JSP, so now these values can be updated in both JSP and FORMS version of Project Management.

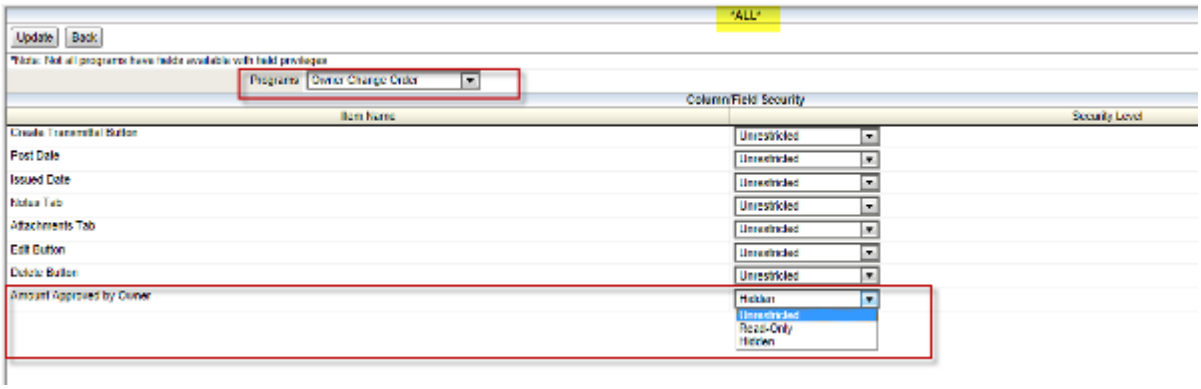
OCO – Amount Approved by Owner (14.89085)



Added a new field 'Amount Approved by Owner' to the OCO header.

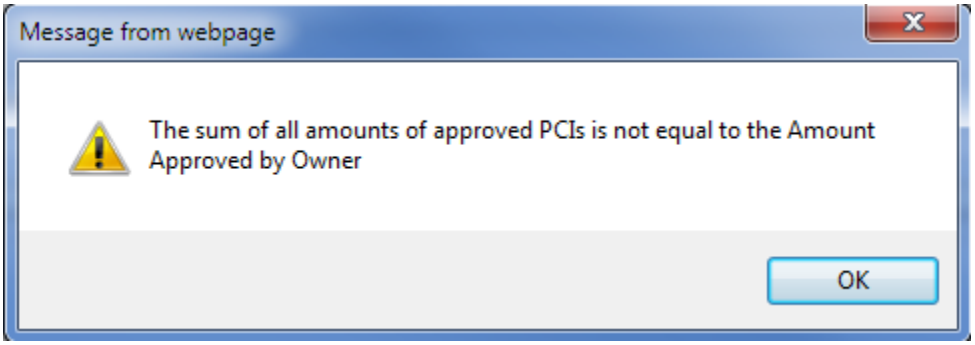
The field is mandatory and numeric - with the format 16.2 (16 digits before the decimal point, 2 decimal places).

The ‘Amount Approved by Owner’ can be secured using field security. By default, the field security is set at ‘Hidden’ on the *ALL* role, so it cannot be seen by any user.



When PCI details are added to the OCO, the sum of the **Approved** lines is validated against the amount in the Amount Approved by Owner field.

This validation takes place when the user clicks the [POST] button. If the amounts do not match the following message will be displayed:

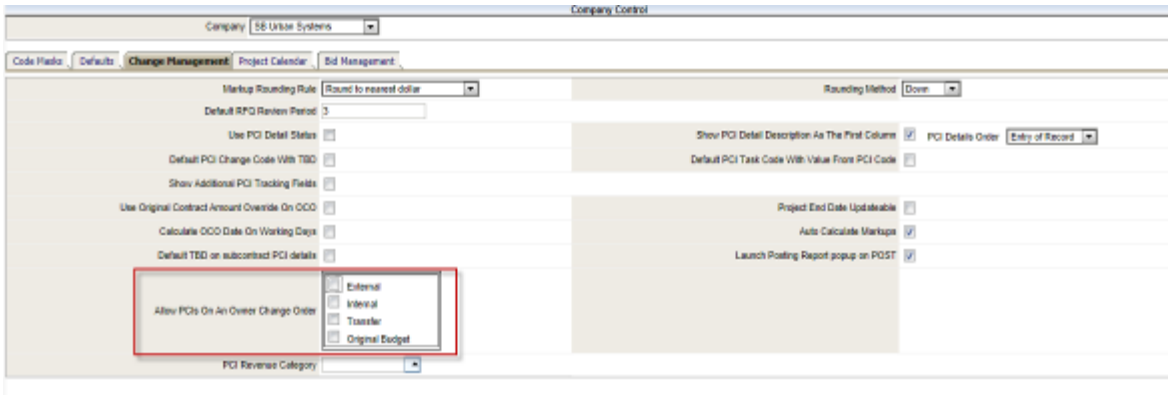


Allow One or More PCI Types on OCO (13.78064)

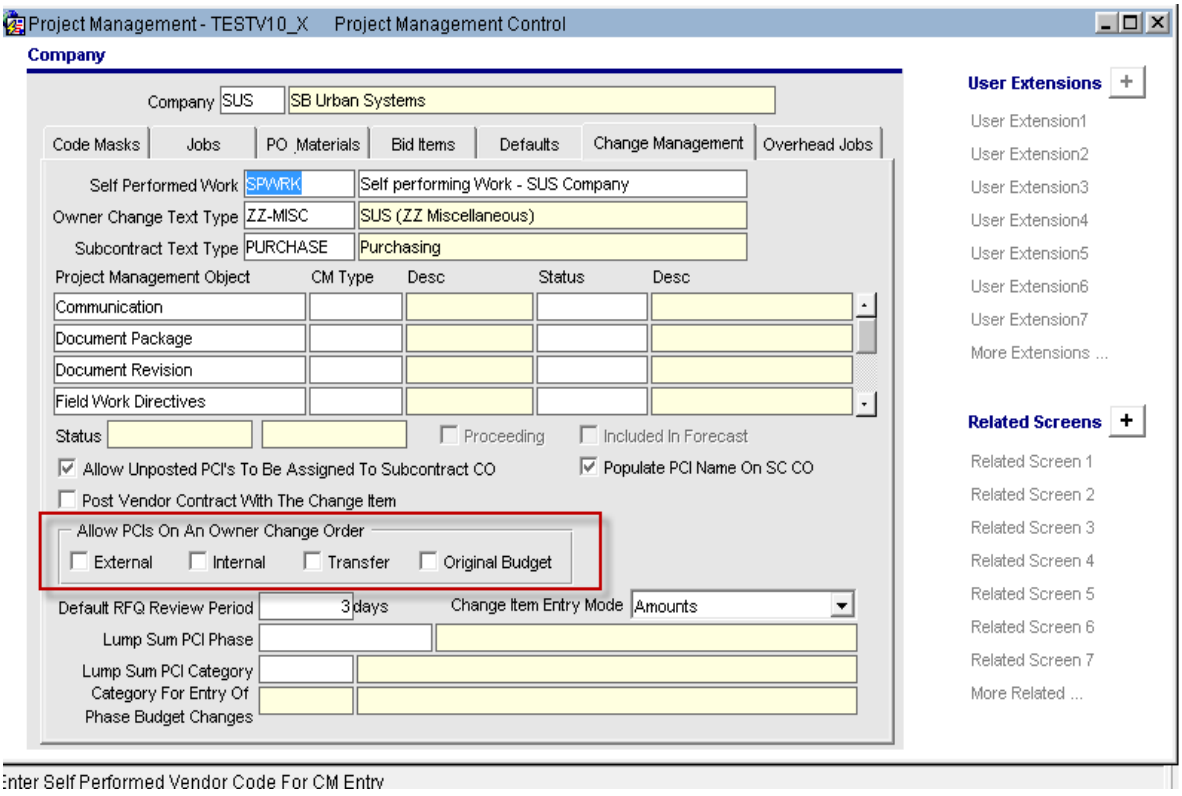
Added 4 checkboxes to the PM Control - Change Management tab in both JSP and Forms, to allow the user to select the PCI Types that are allowed on an Owner Change Order. This replaces the single checkbox which was

used in the FORMS version (also applied to PM JSP) to allow both External and Original Budget Change orders on Owner Change Orders.

PM JSP:



FORMS:



With this implementation the user has more flexibility in the types of PCI's (external, internal, transfer, original budget) that can be selected for inclusion in an owner change order (no longer restricted to only external and original budget).

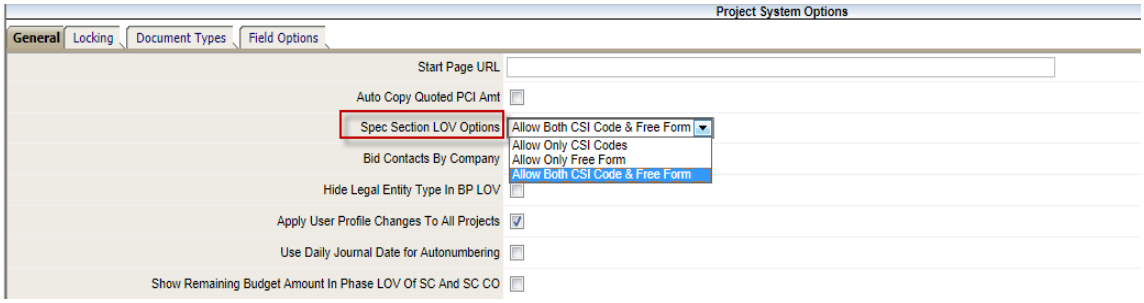
Submittal Record Update via Collaboration (14.88124)

Applied changes to automatically update the Submittal Status, Action Date and Responsibility back to the General Contractor when Architect/Subcontractor responds to an I/O email or updates the submittal record via the Subcontractor Submittal screen.

These changes fully automate the Submittal review cycle, for all stages: Received, Sent, Returned and Forwarded.

Whether an inbound I/O is received from Subcontractor or Architect (as exists in Submittal history) or an outbound I/O is sent to an Architect or Subcontractor (also according to Submittal history), the system recognizes the action and updates the corresponding history record (Action Date and Status) as well as the Submittal header record (Status, Responsibility). The system also expects that the submittal documents will be sent as attachments to the I/O's, otherwise the updates might not occur.

Submittals – CSI Codes and/or Free Form in Spec/Spec Sub LOV (10.49511)



Enhanced the PM Systems Option field related to showing CSI Codes versus entry of Free form values, to use a drop-down box with the options:

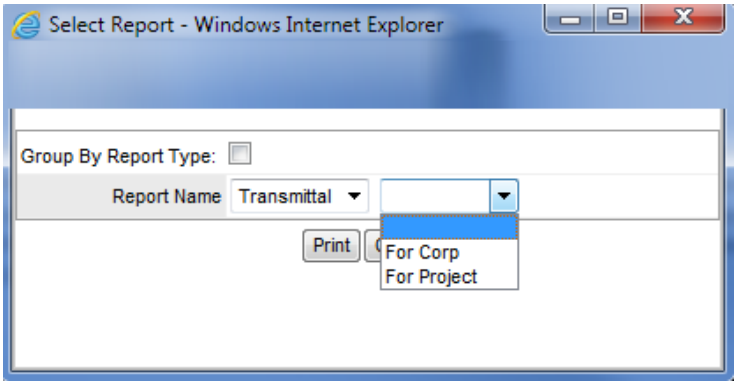
a) Allow Only CSI Codes

b) Allow Only Free Form

c) Allow Both CSI Codes and Free Form.

These selections apply to both the Submittal Spec Section and the Spec Sub Section, and also Submittal Packages in the case of Submittal Spec Section.

Transmittal Report – Print for Corporation or Project (14.89805)



Introduced 2 additional options: 'Corp' and 'Project' to print the Transmittal Report (PM1100.REP).

a. When ‘Corp’ is selected, the report pulls the Address at the Corporate Level (Business Unit/Company).
b. When ‘Project’ is selected, the report pulls the Address at the Project Level – the Project Address located on the General tab of the Project Maintenance record.

In both cases the Logo is the logo of the company to which the project belongs.

The ‘blank’ option represents the standard print that obtained prior to these changes.

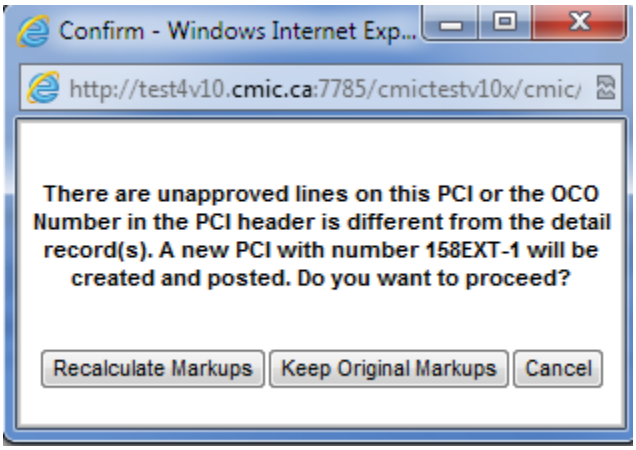
Field Security for Owner’s CO # (14.91194)

Field security for the Owner's CO # on the OCO screen can now be applied if desired. The possible settings are: Unrestricted/Read-only/Hidden.

Recalculation of Markups for ‘Split Out’ PCI (14.87250)

Applied changes to ensure markups can be re-calculated for the new PCI that is created (and split out from the original **on posting**) when the PM Control –Change Management flag 'Use PCI Detail Status' is in use.

The existing Markup popup window has been modified to have the buttons shown in the print below if the ‘Auto-calculate Markups’ flag is un-checked and the user clicks the POST button while not all detail lines are APPROVED.

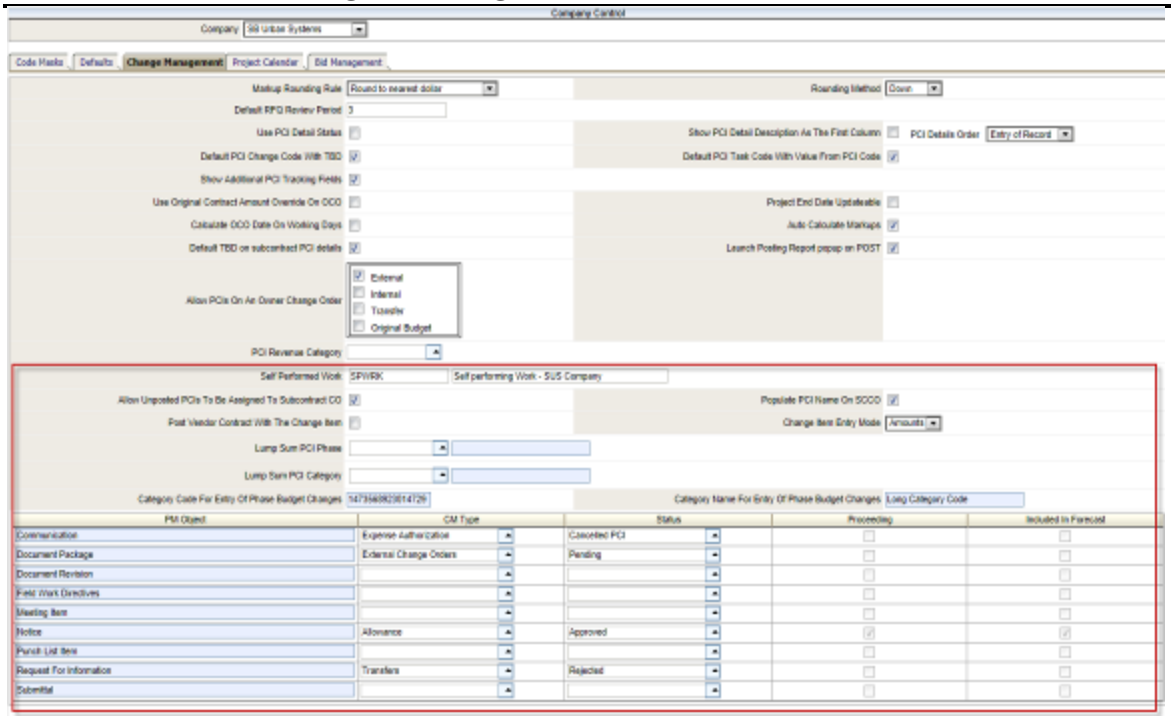


If Auto-calculate Markups’ is checked then the system will recalculate the mark-ups automatically on the new split out PCI having only APPROVED PCI details, and based on the amounts in the new PCI.

[Recalculate Markups] means that any markups which were calculated in the original PCI will be re-calculated when the PCI is split. The recalculated markups will apply to the new PCI, based on the amounts in that new PCI.

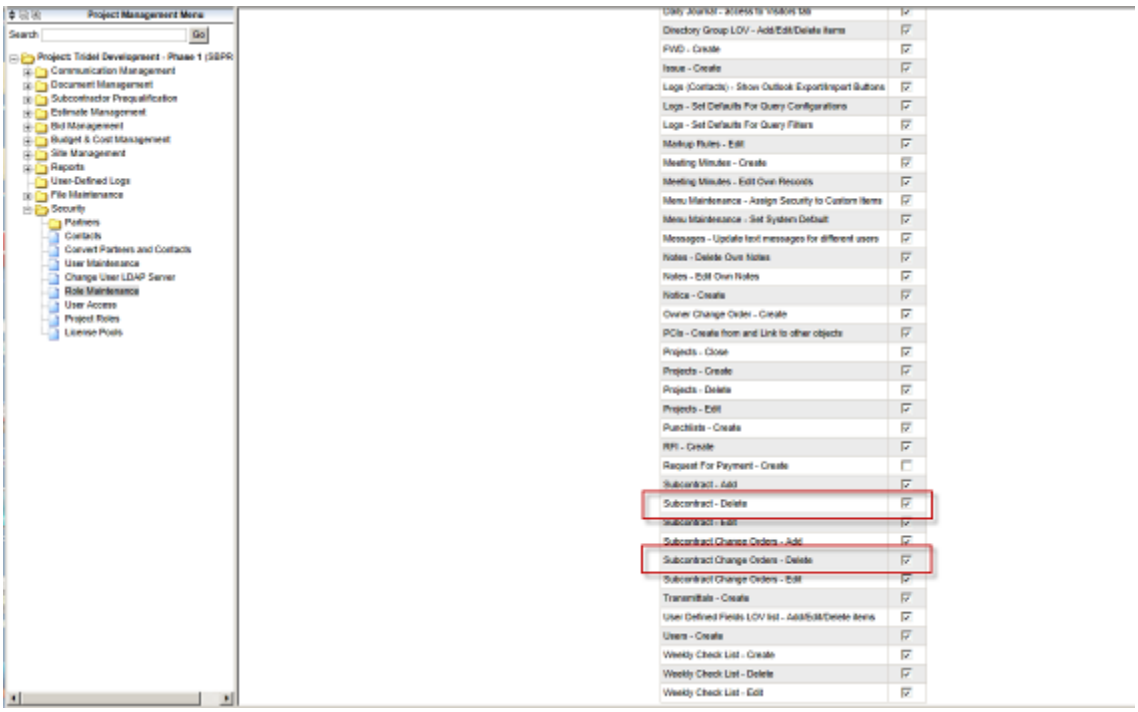
[Keep Original Markups] mean that there will be no re-calculation of markups and any markups calculated originally in the ‘source’ PCI will be carried to the new split out PCI.

PM Control – Change Management – More Fields (14.89435)



A number of fields have been added to the PM Control - Change Management tab. These are fields that are in the FORMS version but were not yet programmed for PM JSP.

Collaboration Security 'Delete' Privilege for Subcontracts and Subcontract Change Orders (14.90694)

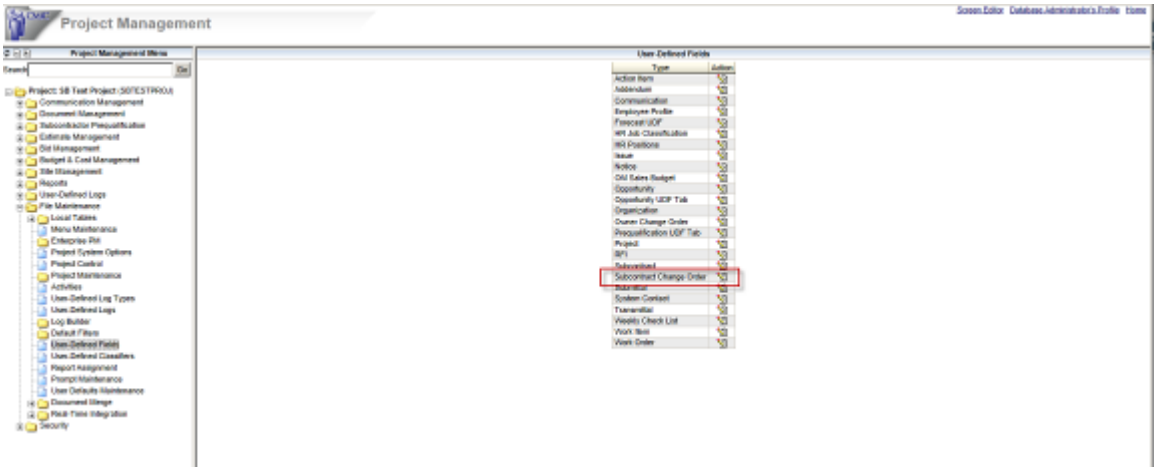


The collaboration security ‘Delete’ privilege has been added for Subcontracts and Subcontract Change Orders.

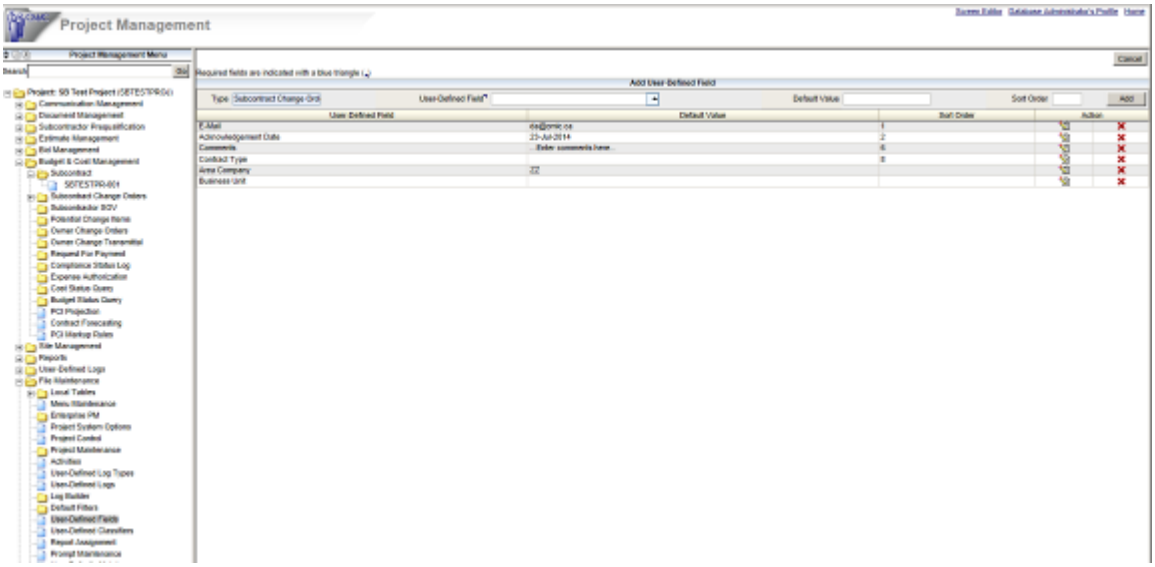
User Defined Fields for Subcontract Change Orders (14.88949)

The UDF functionality has been implemented for Subcontract Change Orders.

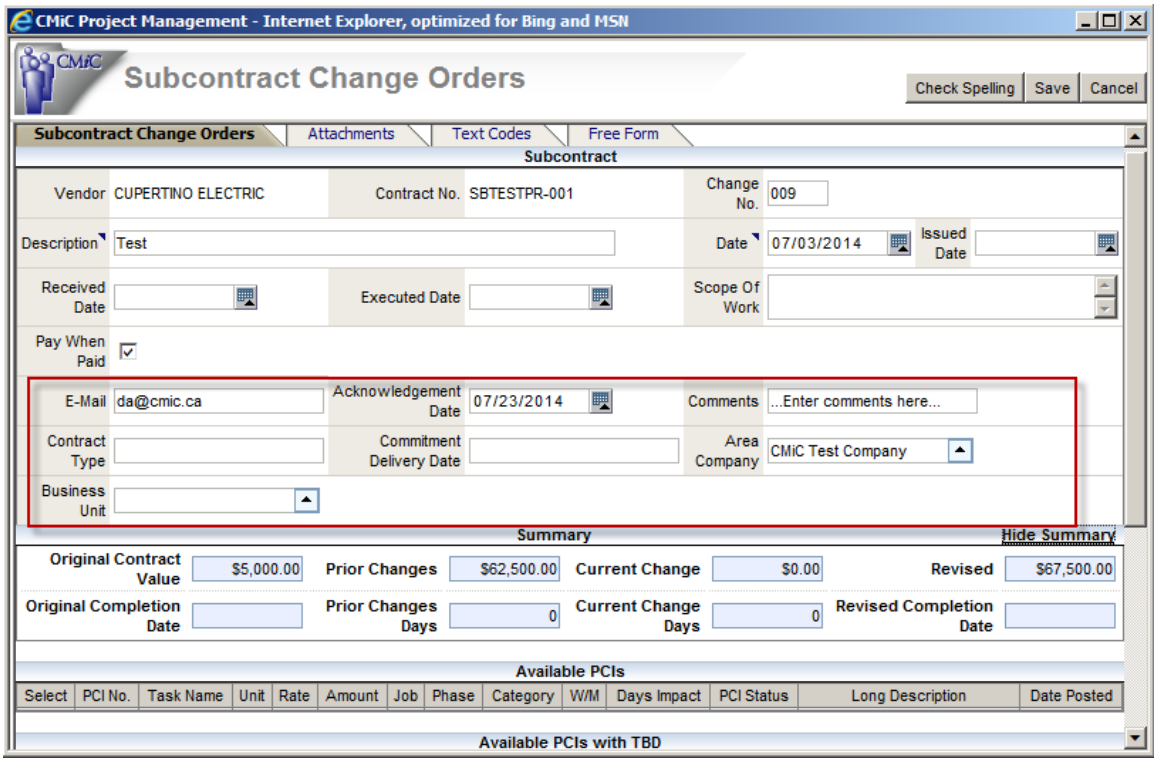
1. Added the ‘Subcontract Change Order’ type of User Defined Fields with the similar functionality as other UDF types.



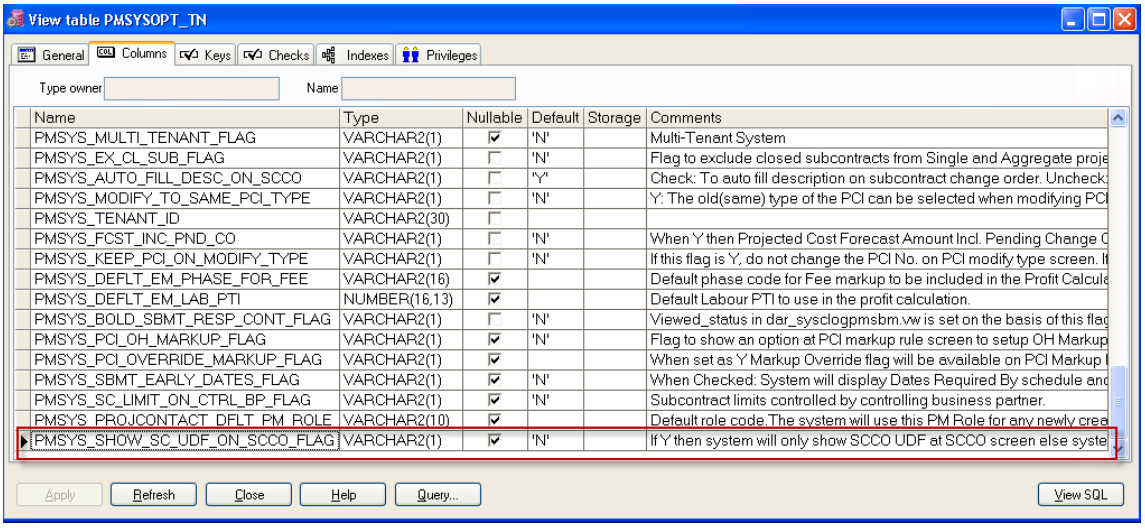
2. UDFs can be assigned to Subcontract Change Order the same way as other UDF types:



3. The assigned UDFs will be displayed in the bottom part of the Change Order header:



4. To control the Subcontract UDFs appearance on the SCCO screen the PMSYS_SHOW_SC_UDF_ON_SCCO_FLAG field has been added to PMSYSOPT_TN table. When this field is set to 'Y' only SCCO UDFs will be displayed on the Change Order screen. When it is set to 'N' both Subcontract and Change Order UDFs will be shown. Default value is 'N'.



Field Security for Tax Amount and Invoice Amount fields in Request of Payment (14.88742)

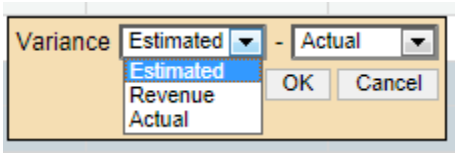
Field security for the previously certified and current Tax and Invoice Amount fields have been added to Request of Payment screen. The available options are: Read-only or Hidden.

Bid Items – Variance between Selected Pricing Sets (14.88573)



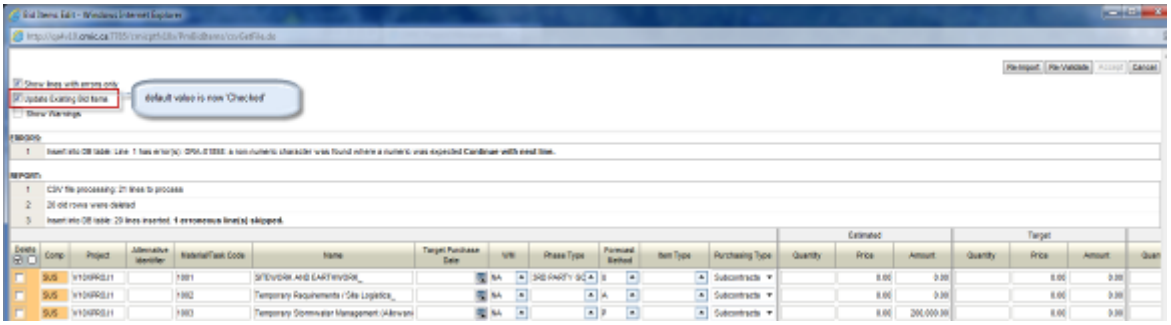
A new button has been added beside the **Variance** column in Bid Items to calculate the variance 'on the fly' between 2 selected pricing sets. The button is shown only when the Variance column is selected as a field for the screen (using [Configure View]).

When the button is clicked, a popup window is displayed for the user to select the two key figures they want the Variance calculated for.



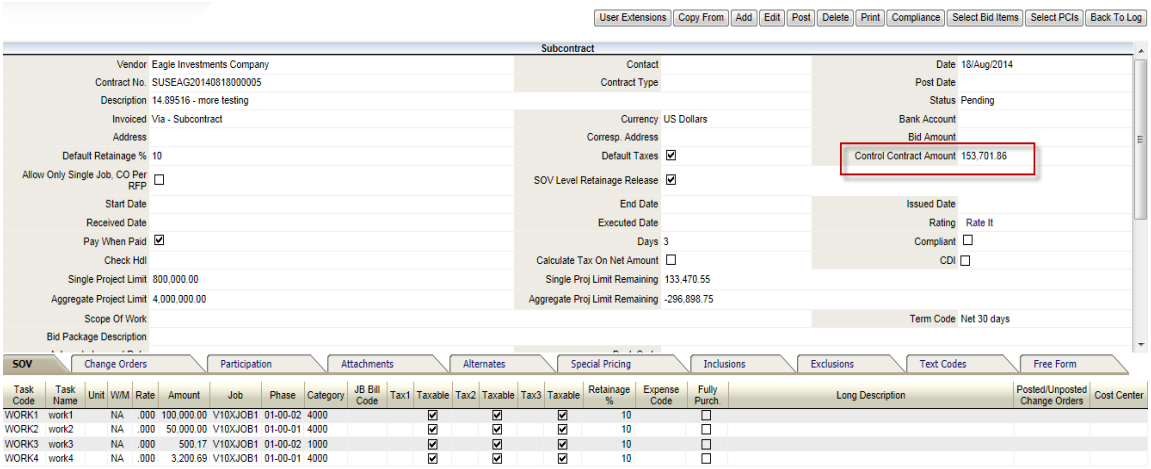
The calculated value of the Variance will remain throughout the time the user is in the Bid Item program, unless the two key figures are changed by the user.

Bid Item Import – Update Existing Bid Items (14.88573)

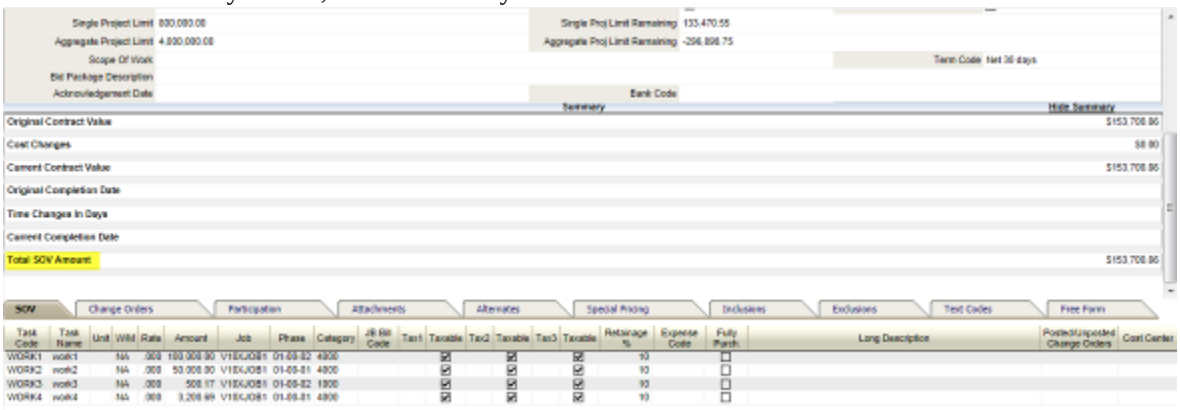


The default value of the Import flag 'Update Existing Bid Items' is now set to ‘checked’. With this default setting, existing bid items will be updated with changed import data (for matching task codes) unless the user intervenes and un-checks the flag. There is no underlying change to the import function.

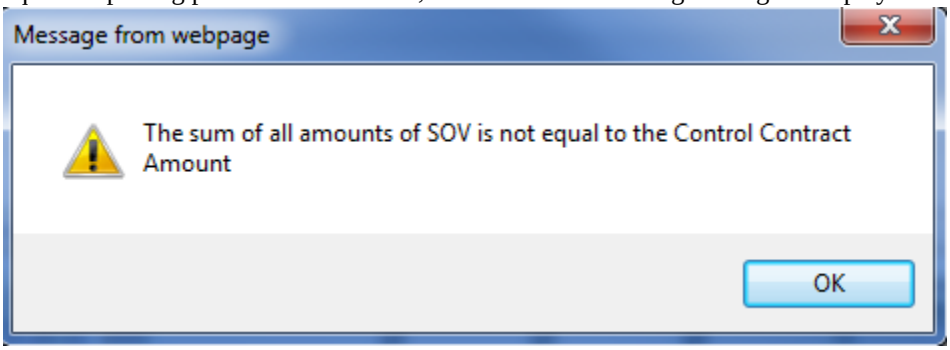
Subcontract Control Amount (14.89516)



A new entry field '**Control Contract Amount**' has been added to the subcontract header, along with functionality to validate that the **Total SOV Amount** (new field in the subcontract Summary Section) and this field should be equal **upon posting** of the subcontract. Field security can also be applied to the Control Contract Amount. By default, the field security is set as 'Hidden'.

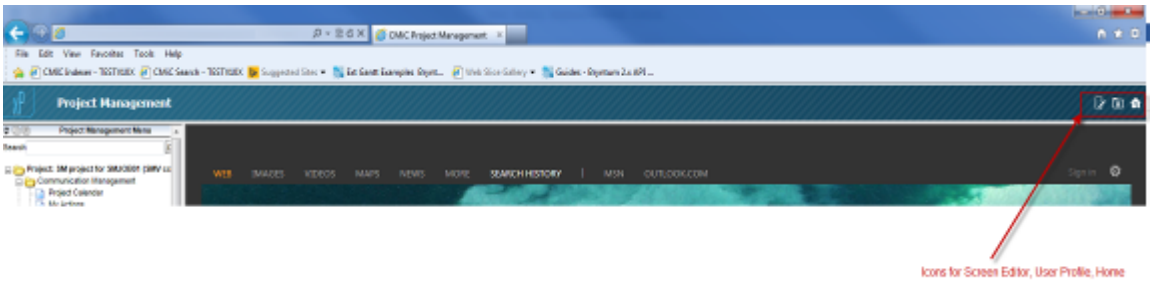


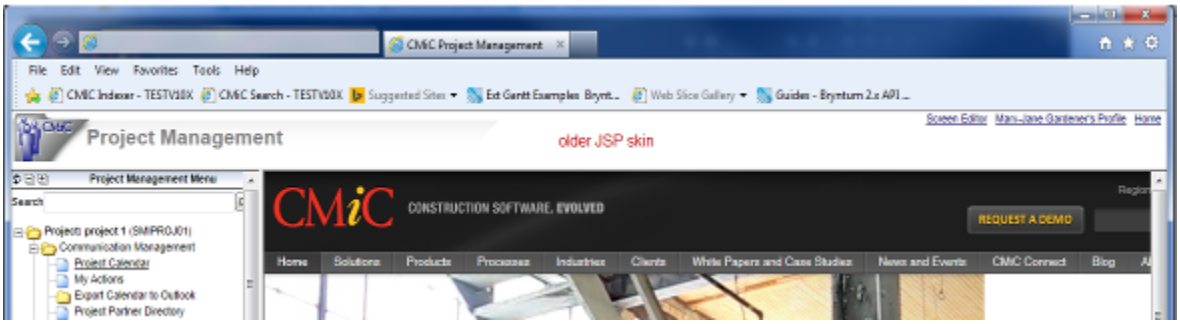
When the [POST] button is clicked, the system compares the values of these two amount fields and if they are equal the posting process will continue, otherwise the following message is displayed:



NOTE: These changes only apply to the main contract and do not include subcontract change orders.

UI Console Skin is now Standard (14.94587)





Changes have been applied to make the UI Console Skin the standard for JSP. When users log in now, instead of the older look they will get the new look shown in the first screen print above. The icons at the top right-hand corner of the module frame represent Screen Editor, User Profile and Home, respectively.

Contract Forecasting with PCI Projections – Modified Calculations (13.84885)

Modified override calculations of Cost to Complete, Projected Cost Forecast and Projected Cost Forecast Including Pending PCI and included overridden Cost to Complete amount while calculating revenue.

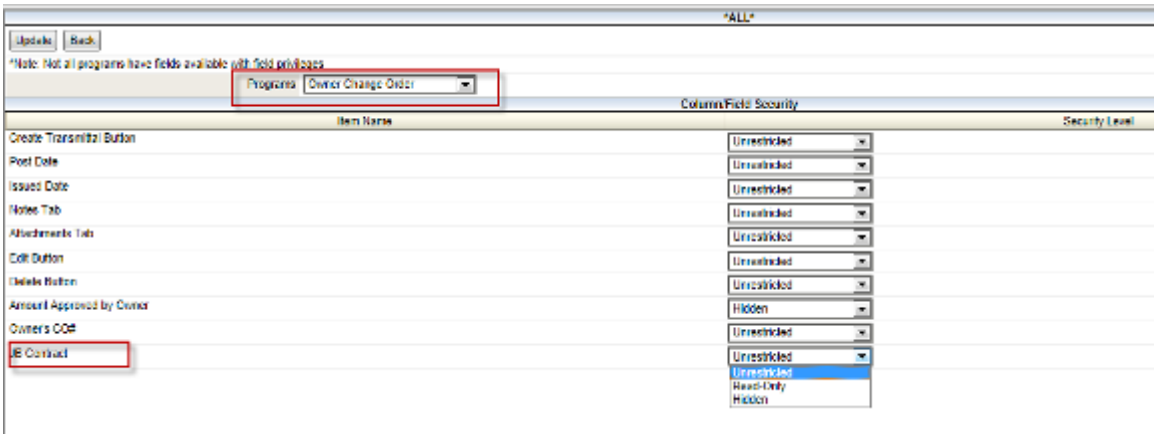
The calculations are described below.

1. Cost to complete = Current Budget – Current Spent (i.e. In Scope Spent Amount) minus Internal PCI Cost to Complete amount if the Change Management Control flag “Internal change orders update budget” is un-checked.

2. If “Allow Negative Cost to Complete” is set on the Job Costing Control then if Cost to Complete calculation results in Cost to Complete being negative, the system will make it zero. The user is still allowed to override it to a negative value.

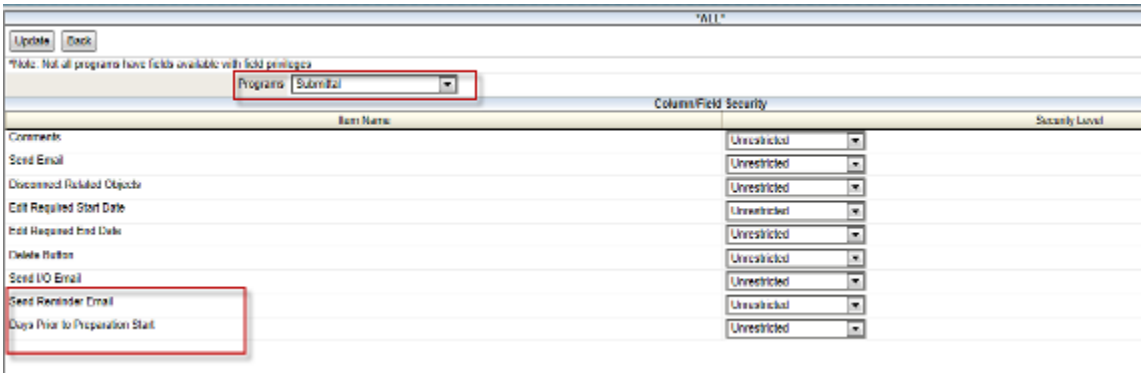
3. Revenue Forecast: For COST billing type, bill rate is also applied to the PCI Cost to Complete amount. Since PCI projections do not have quantities and are only based off of amounts, for the PCI Cost to Complete, the default line (without the job/phase/cat) is read and applied to the PCI Cost to Complete amount. So effectively the Revenue Forecast now is: Revenue forecast + (PCI Cost to Complete X Bill Rate) for COST type billing lines.

Field Security for OCO – JB Contract (13.84836)



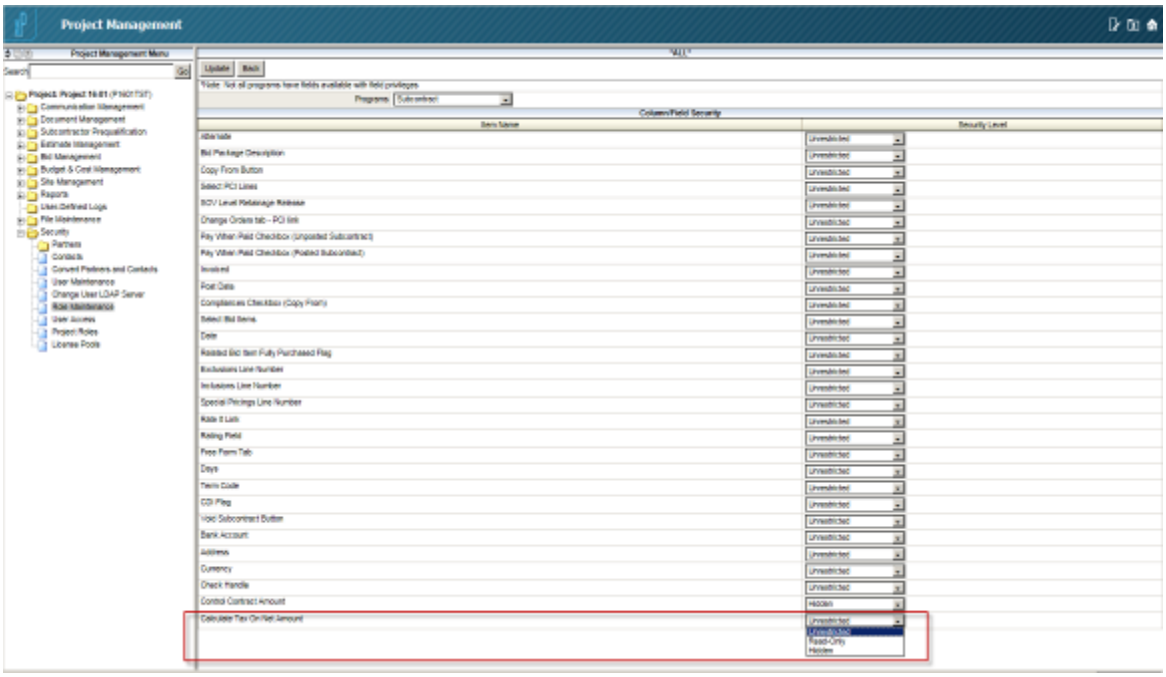
Field security can now be applied to the JB Contract field on the OCO screen. The default value is HIDDEN for the *ALL* role.

Field Security for Submittal Reminder Email and Days Prior (14.95120)



Field security can now be applied to the 'Send Reminder Email' and 'Days Prior to Preparation Start' fields in the submittal header. The default setting is ‘Unrestricted’ for both.

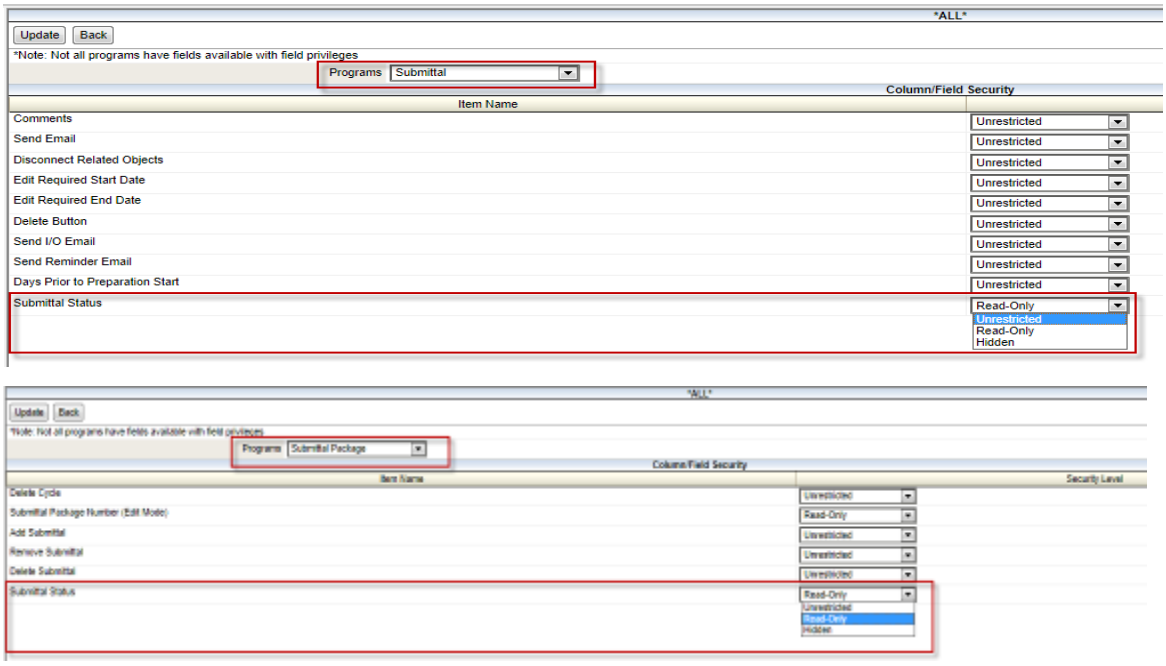
Field Security for ‘Calculate Tax on Net Amount’ - Subcontract Entry (14.94791)



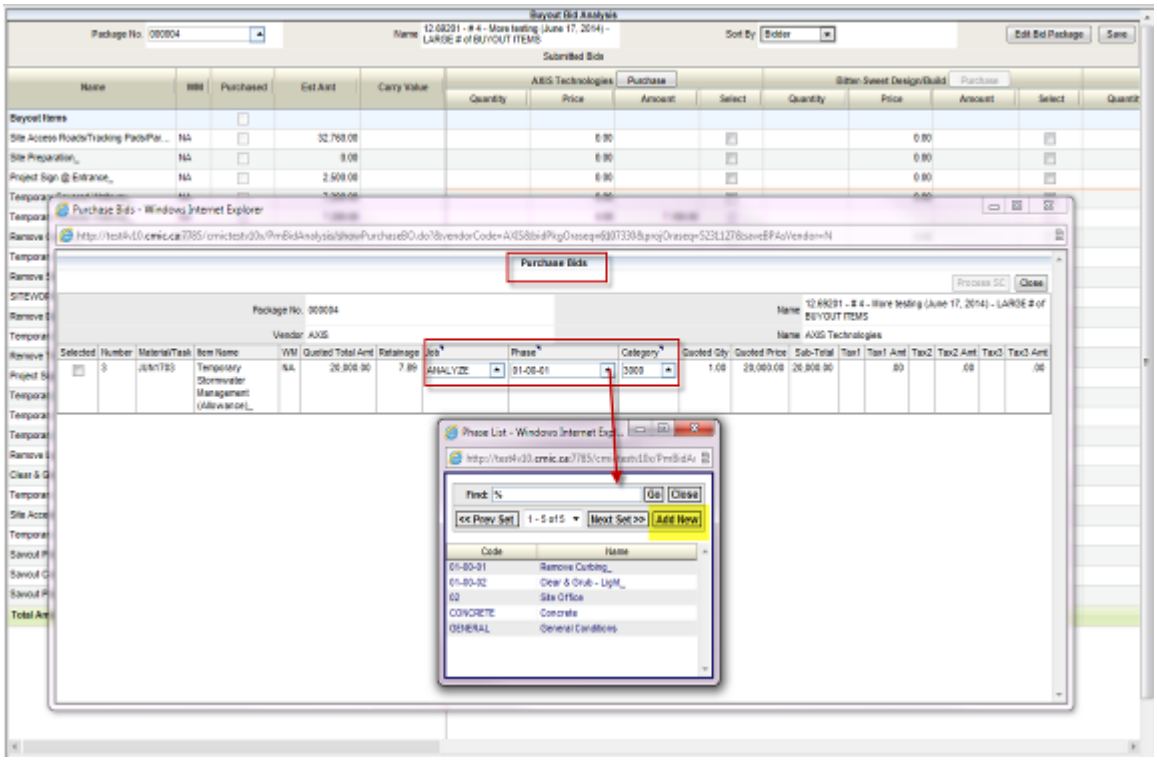
Field security has been added for ‘Calculate Tax on Net Amount’ field on Subcontract entry screen. Available options are ‘Unrestricted’, ‘Read Only’ and ‘Hidden’.

Field Security for Submittal Status (14.92622)

Field Security can now be applied to the Submittal Status on the header of Submittals and Submittal Packages. The possible values are Unrestricted/Read-only/Hidden.



Buy Out Analysis (Purchase) – Job/Phase/Category LOV's (14.92894)



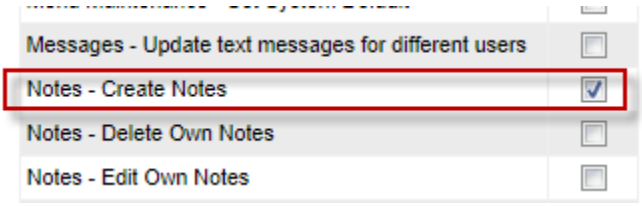
Input fields for Job, phase and category are now on the in the purchase bids popup window, each having an LOV to select from. The [Add New] button is included in the phase/category LOV's to allow adding of phase/category 'on the fly'.

Create Notes Privilege (14.92274)

Added a new collaboration security privilege "**Notes – Create Notes**", to allow clients to restrict who can add notes to PM correspondence, especially external users or others that are 'CCed'.

When this privilege is assigned to a user, that user will be able to add notes to PM correspondence when the user is not the Author or the 'To' contact or the Responsible contact (in the case of Submittals).

When a user is the Author, 'To' contact or the Responsible contact (on a submittal), that user will always be able to add notes to PM correspondence, without necessarily having this privilege.



The default value of the new privilege is 'checked' for existing roles, to preserve previous functionality where creation of notes was available to all users.

This privilege is also unaffected by the 'Admin' flag on the user role, or any PM role privileges.

At the end of a Submittal review cycle when the Responsibility is null, only users with the privilege will be able to create notes against the submittal.

Punch List Item Description Maintenance (14.89016)

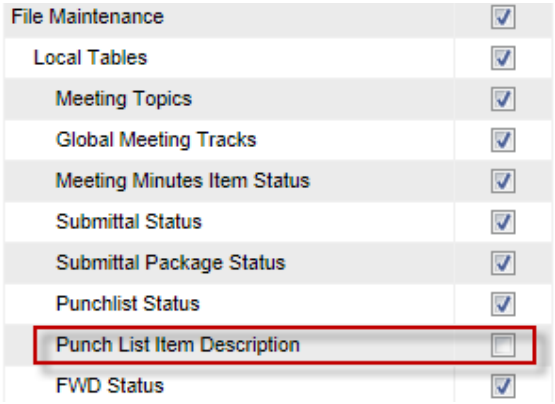
A new program 'Punch List Item Description' has been added to PM JSP. It provides a new maintenance screen by which punch list item descriptions can be entered and maintained on a **project by project** basis.

The program is hidden by default and users will have to be given security access to it using the Assign Programs and Assign Menu Items security options:

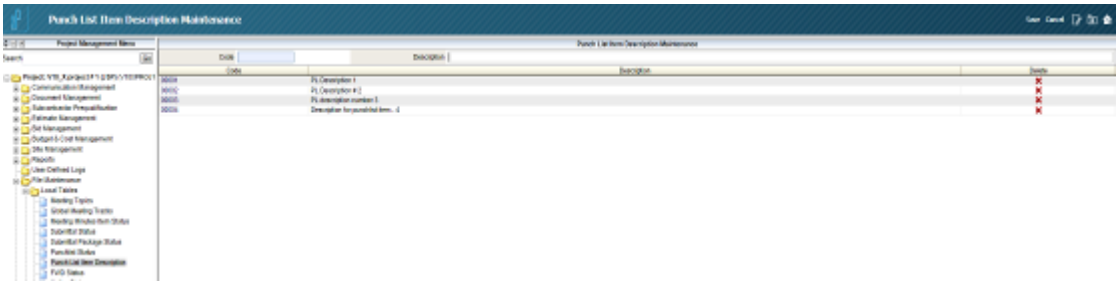
Assign Programs



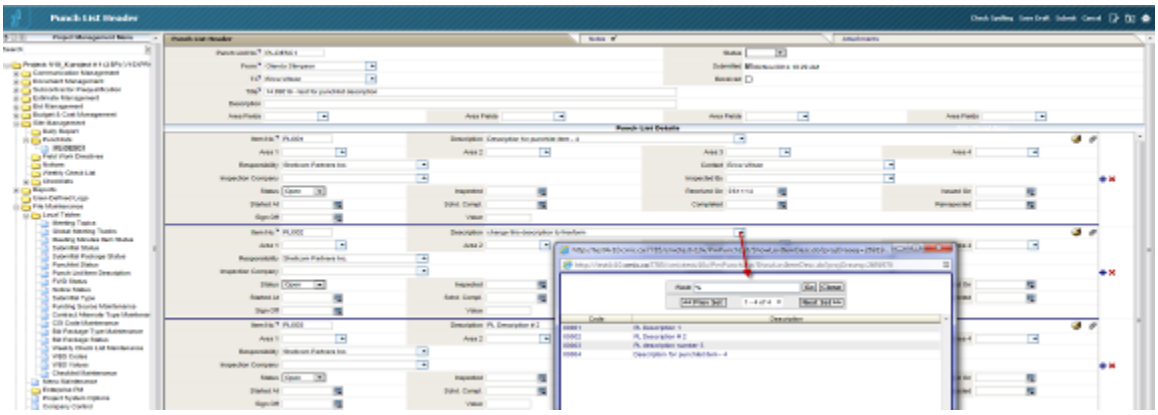
Assign Menu Items



Punch List Item Description Screen

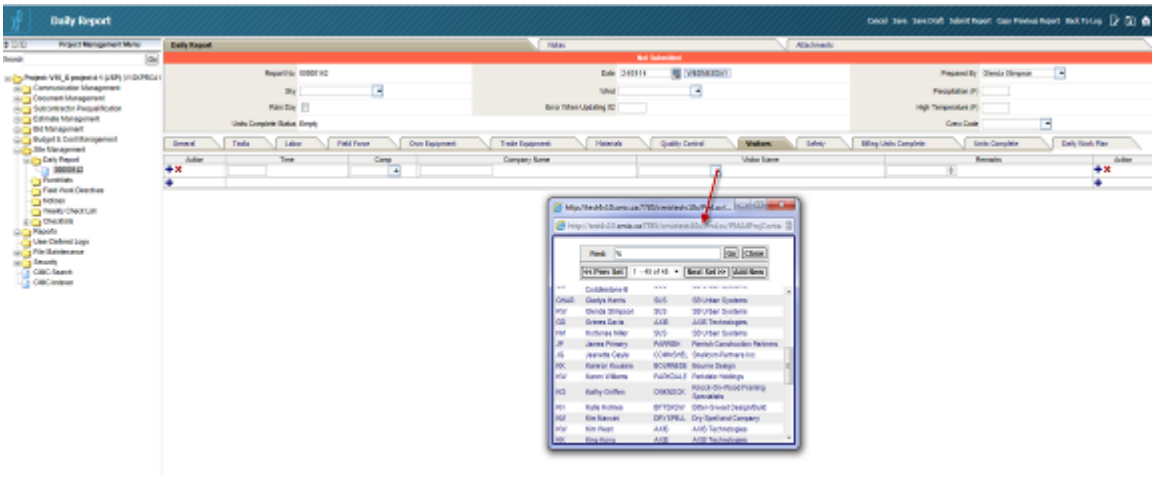


In the Punch List Item Description screen, the Code field is a non-editable, sequential, numeric auto-generated code. Users only have to enter the Description. These descriptions are then available on Punch list items (for the current project) where the Description field has been changed to be an LOV.



This LOV also allows the user to enter free-form descriptions. Values entered as free-form are not added to the Punch List Item Description maintenance table nor are they available for repeated selection in other punch list items.

Daily Journal – Visitor Name LOV (14.93438)



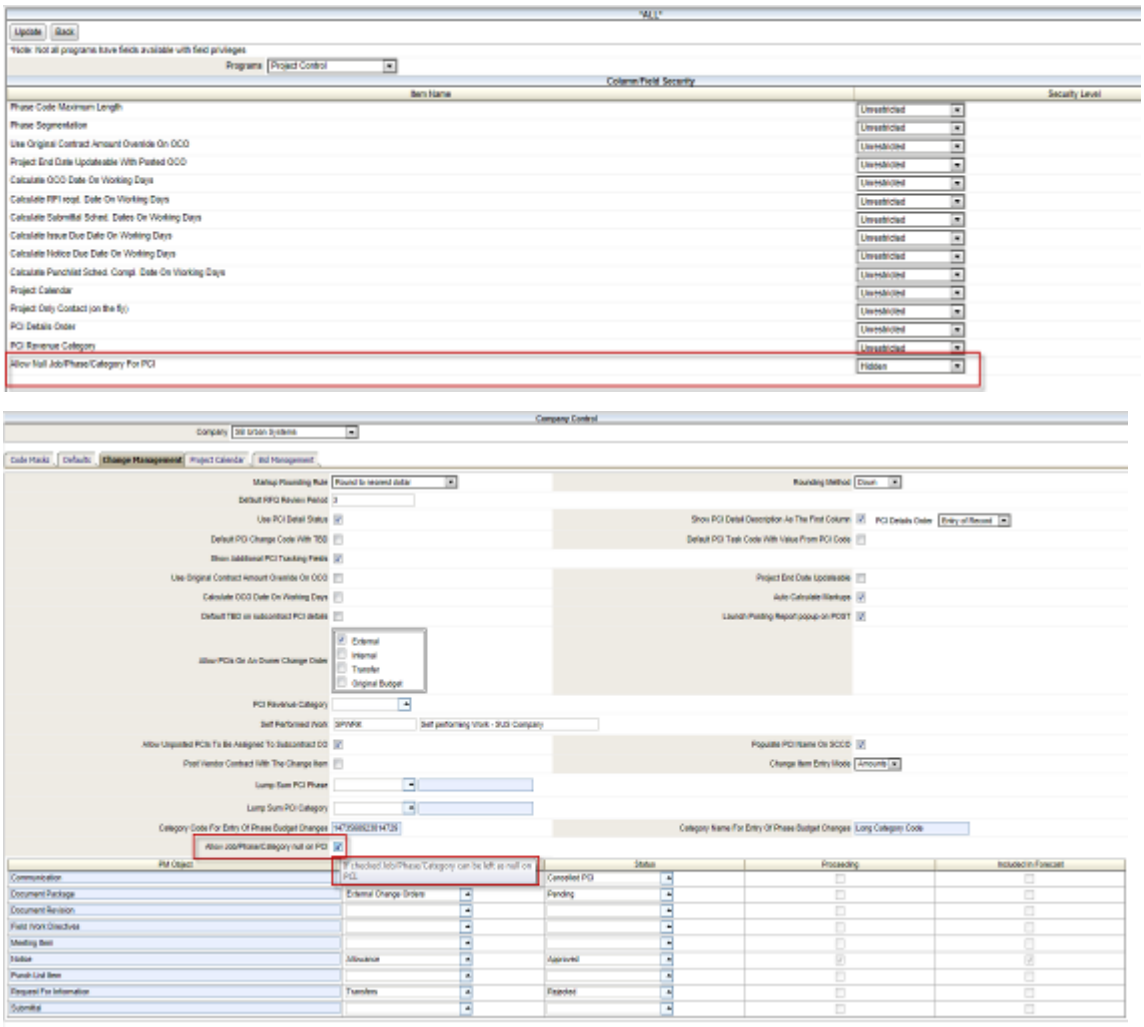
In the Daily Journal - Visitors tab, the Visitor Name now has an LOV to allow the user to select contacts from existing business partners, or to add them 'on the fly' using the [Add New] button (once the user has the appropriate security). The ability to add a freeform Visitor Name remains intact.

Allow Null Job/Phase/Category in PCI Details (13.76817)

Functionality has been added to allow PCI details with null job/phase/category, in the PCI entry program.

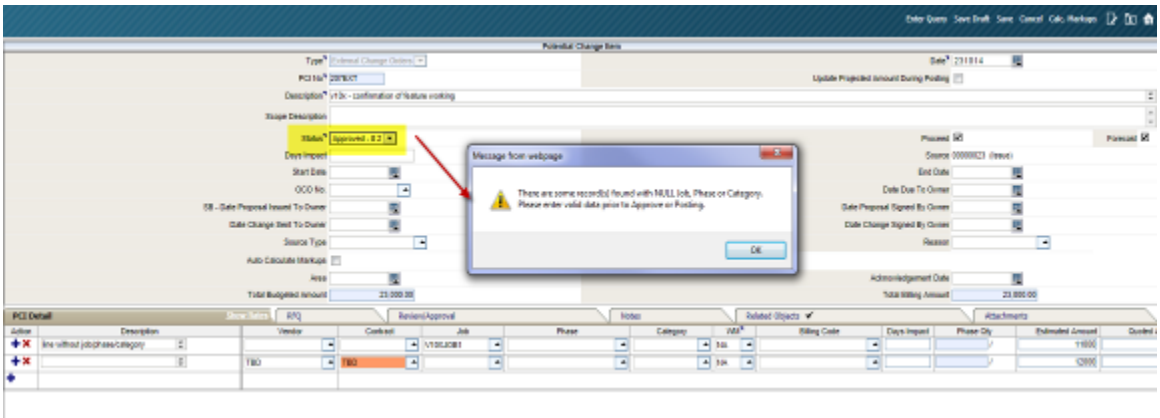
This feature is controlled by the PM Company Control flag ‘Allow Null Job/Phase/Category For PCI’ which is located on the Change Management tab.

By default, this field security on this flag is ‘Hidden’, set on the *ALL* role:

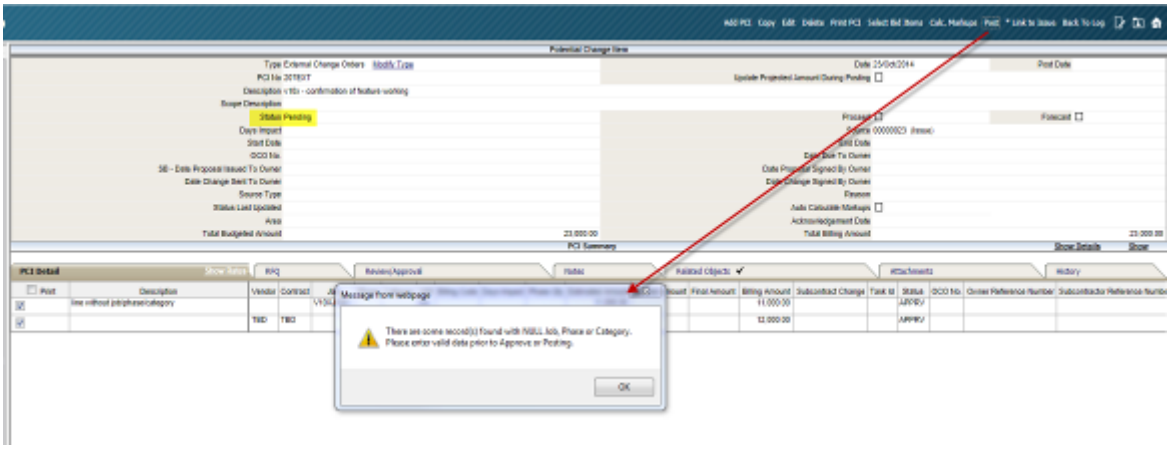


When the feature is activated, it allows the user to add and save PCI detail lines for which there may not be complete J-lines. The job, phase, category are allowed to be null as long as the PCI header status is in an UN-APPROVED class status.

If the user changes the status to an APPROVED class while there are null or incomplete J-lines, a message will be issued, and the status will remain in the UN-APPROVED class it had.

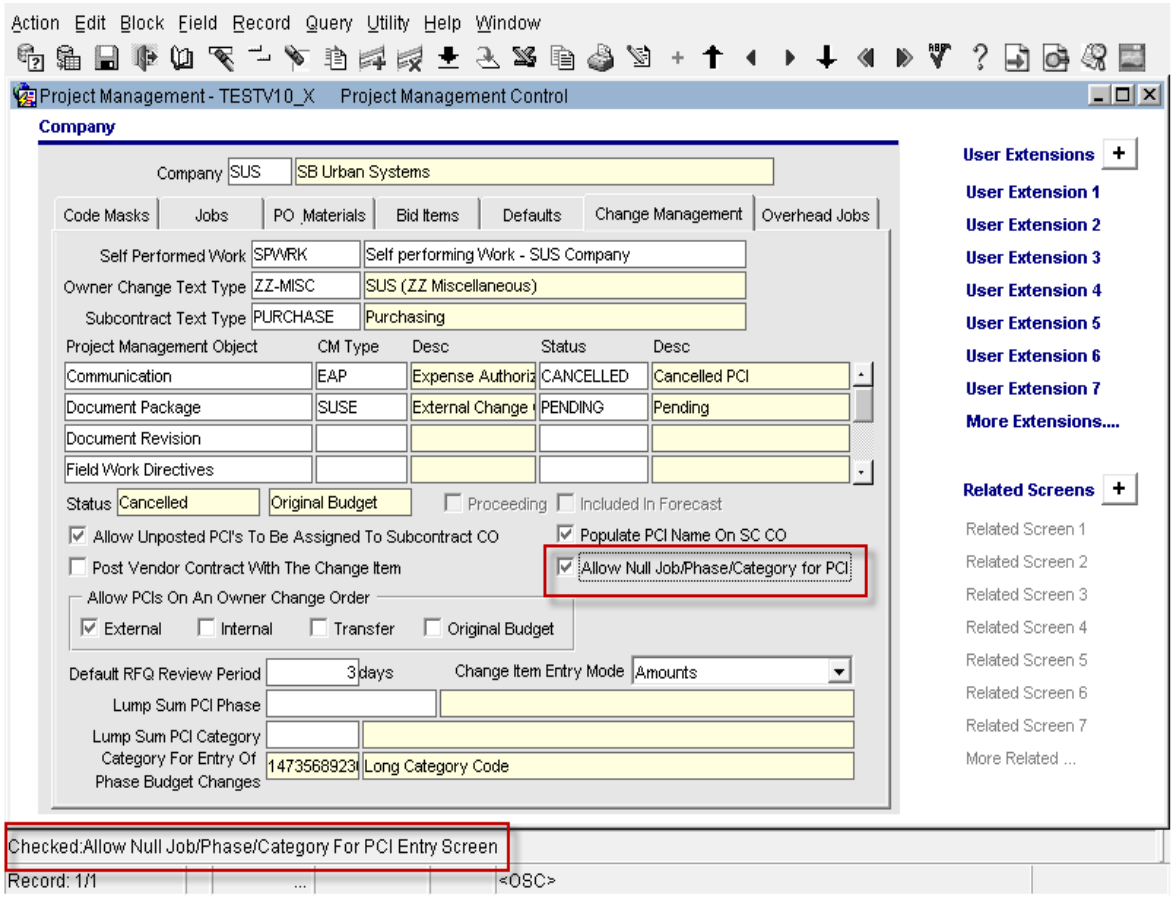


If the user tries to POST the PCI in this incomplete state as well, the same message will be issued:



The validations for this feature also prevent the creation of subcontracts for null or incomplete J-lines.

The feature is also available in the FORMS version of PM Company Control (Change Management tab) and applies to the Change Management (CM) and Project Management (PM) versions of PCI Entry:



Phase Type Added to Cost and Revenue Status Queries (14.95014)

Added the Phase Type Name and Code to the Cost Status Query **(Category)** and the Budget Status Query **(Category)** log screens. By default the columns are not selected as visible log fields, but are available for selection in the corresponding log builder object log.

Invitation to Bid Enhancements (14.89044) - BETA

A number of enhancements related to Invitation to Bid have been done in PM JSP. These enhancements are outlined below.

1. PM Systems Options

The checkbox '**Allow Multiple Bid Contacts per Partner**' has been added to the PM Systems Options screen.

When this flag is checked, the system will allow users to assign the 'Bid Contact' designation to more than one contact of the same business partner.

This also means that the Invitation to Bid Broadcast can be sent to multiple bid contacts of the same business partner.

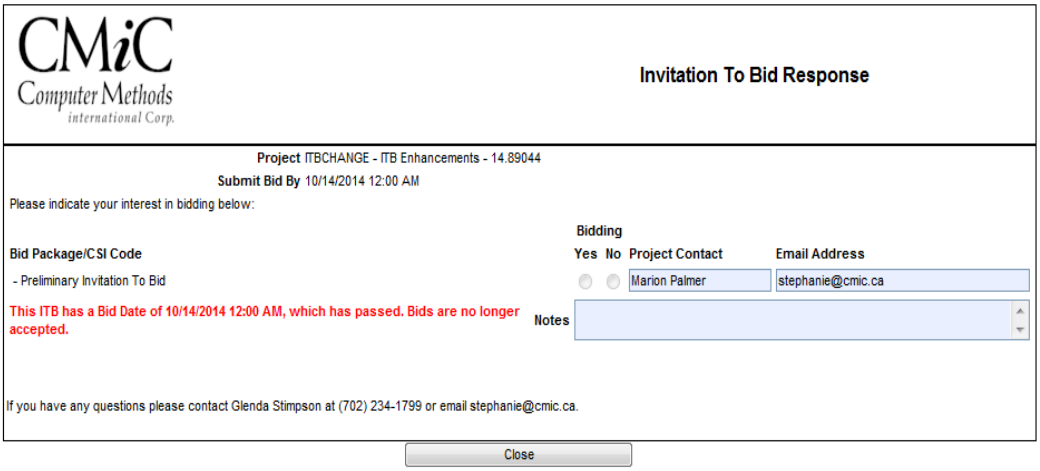
The default value of the checkbox is 'un-checked' to maintain the previous functionality of having only one bid contact per business partner.

This flag must not be confused with the flag 'Bid Contacts By Company' which is solely to allow multiple bid contacts within the same Company/company department.

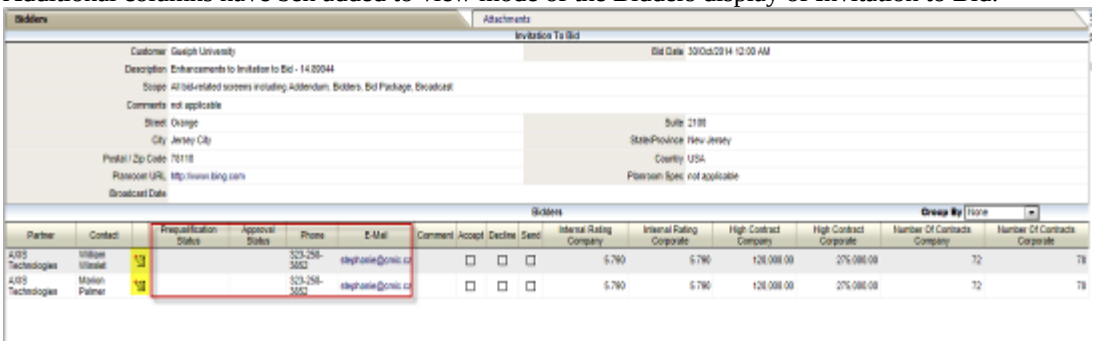
2. Invitation to Bid (ITB)

- Addition of the Attachments tab – users can now add document attachments to the ITB
- ITB Broadcasts can now be sent with attachments such as instructions to bidders, bid forms, scope sheets etc.
- When the 'Allow Multiple Bid Contacts per Partner' check box is checked in PM Systems Options, for a selected business partner in the ITB Bidders List, each bid contact for that partner is automatically added to the bidder list.
- When the LOV for partners is invoked, the list does not initially show any partner records. **The default view is in filter mode**. The partner records are only shown after the filter selections are made and the user clicks the [GO] button.

- Bidders can change their intent to bid or not as many times as possible **but** ITB Responses are not accepted AFTER the project Bid Date…the following message will be sent:



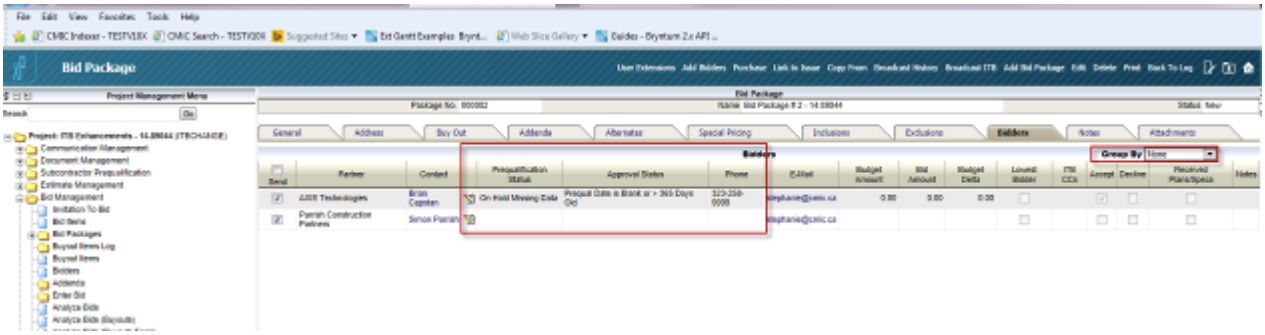
- Additional columns have ben added to view mode of the Bidders display of Invitation to Bid:



These columns are: Prequalification Status, Approval Status, Bid Contact Phone, Bid Contact Email and an Edit icon to make changes to the contact record. The contact screen that is displayed is dependent on whether the contact is project-only or system contact. If it is both a project and system contact then the project contact screen will open up.

3. Bid Packages – Bidders tab

- introduction of the '**Group By'** for CSI Codes and Market Sectors
- Bidders can change their intent to bid or not as many times as possible **but** ITB Responses are not accepted AFTER the Bid Package Due Date.
- addition of the columns: Prequalification Status, Approval Status, Phone, and the Edit icon to make changes (such as email address and phone number) to the contact record. The contact screen that is displayed is dependent on whether the contact is project-only or system contact. If it is both a project and system contact then the project contact screen will open up.



4. ITB Broadcast Templates Maintenance

A new program has been added: ITB Broadcast Message Templates. This program is used to set up message templates which can be customized according to the type of proposal and the type

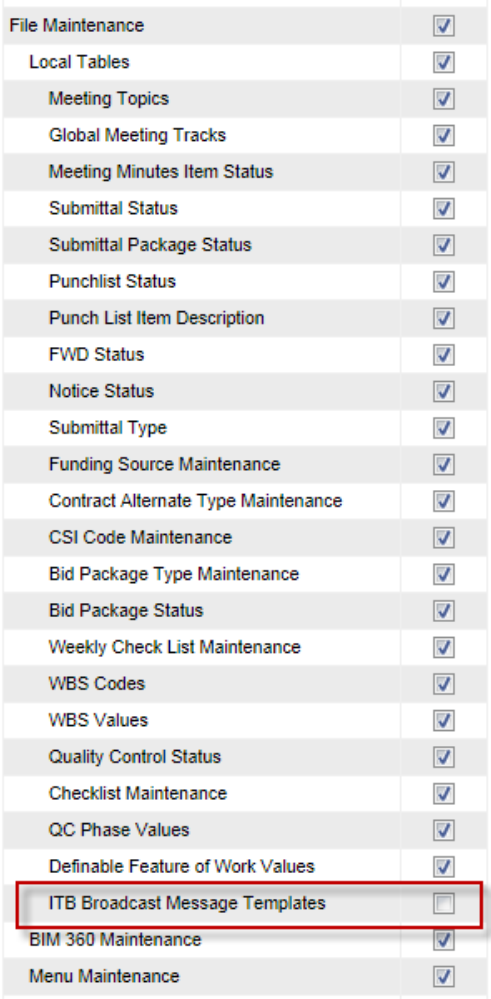
of bidders the ITB broadcast relates. This gives the user more control over the email message that is sent when the ITB is broadcast.

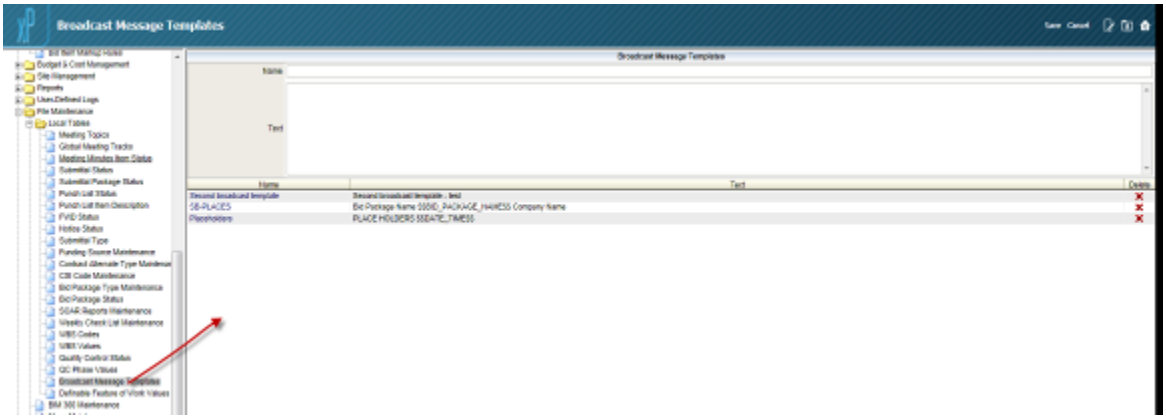
User security will need to be assigned to the program using both the Assign Programs and Assign Menu Items security options:

Assign Programs:

Funding Source Maintenance	COLLAB	☑
Grounds Up-keep	COLLAB	☑
ITB Broadcast History	COLLAB	☑
ITB Broadcast Message Templ	COLLAB	☐
Invitation To Bid	COLLAB	☑
Issue	COLLAB	☑

Assign Menu Items:





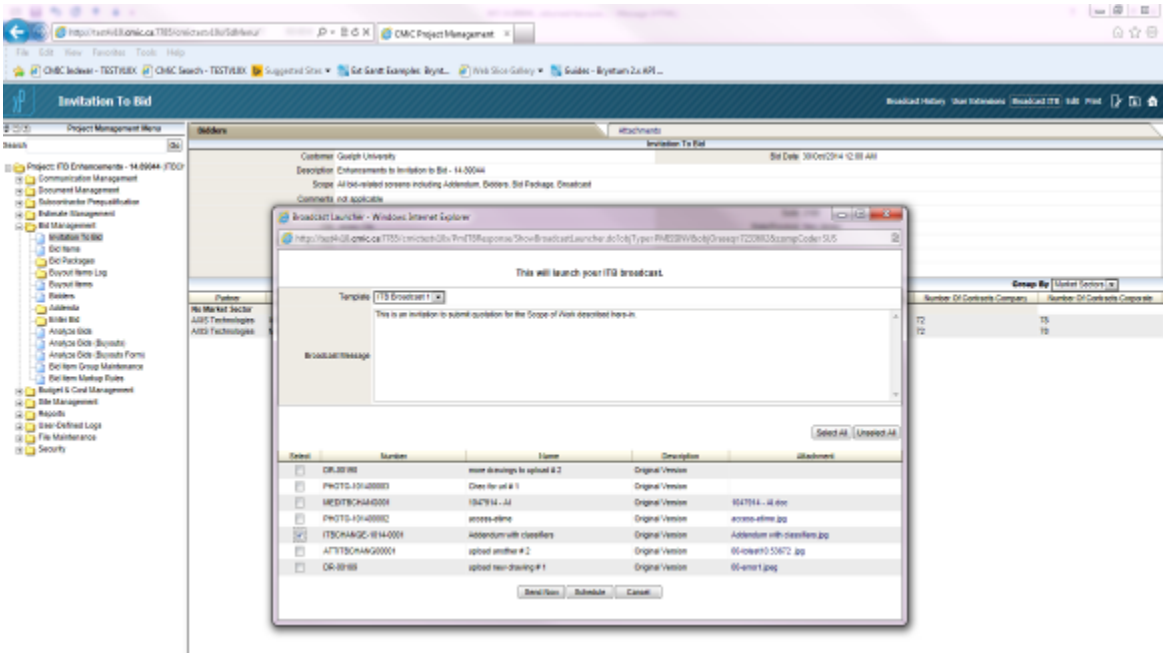
The templates defined in the maintenance screen are then available for selection in the Template LOV of the Broadcast Launcher.

When the template is selected, the text is pulled into the Broadcast Message field where the user can make changes if desired.

Users can customize templates according to the broadcast they are sending out – ITB, Bid Package or Addendum.

If 'No Template' is selected and no text is entered in the Broadcast Message field, the standard CMiC broadcast text will be sent.

If 'No Template' is selected and freeform text is entered in the Broadcast Message field, this is the text that will be broadcast.



Placeholders are available for some related fields, and can be used when defining the templates, or dused irectly in the Broadcast Message. The placeholders are:

Columns available for use as placeholders

$$COMP_NAME$$	Company Name
$$PROJ_NAME$$	Project Name
$$SCOPE_OF_WORK$$	Bid Package or Invitation To Bid Scope Of Work
$$NOTES$$	Notes (Comments on Bidder record in Bid Package or Invitation To Bid)
$$PARTN_NAME$$	[To:] Partner Name
$$PHONE_NUM$$	[To:] Contact Phone Number
$$CONTACT_NAME$$	[To:] Contact Name
$$EMAIL_ADDR$$	[To:] Email Address
$$SENDER_EMAIL$$	[From:] Sender Email
$$SENDER_NAME$$	[From:] Sender Name
$$SYS_DATE$$	System Date

$$RESPONSE_URL$$ Response URL

Bid Package Specific:

$BID_PACKAGE_NAME$$ Bid Package Name

Invitation To Bid Specific:

$$ITB_COMMENT$$ Invitation To Bid Comment

$$ITB_PROJ_DESC$$ Invitation To Bid Project Description

Addendum Specific:

$$ADDEND_NAME$$ Addendum Name

$$ADDEND_RECEIVED_DATE$$ Addendum Received Date

$$ADDEND_DESC$$ Addendum Description

$$ADDEND_FROM_PARTN_NAME$$ Addendum From Partner Name

$$ADDEND_FROM_CONTACT_NAME$$ Addendum From Contact Name

5. BIDDERS LOG

Introduced the **Group By** for Market Sectors and CSI Codes:



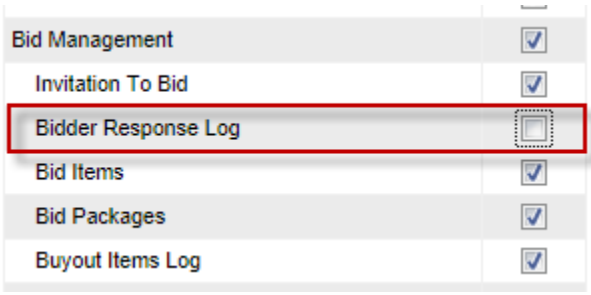
6. ADDENDA

Added the ability to Broadcast ITB from the Addendum screen. In this way the user can send important bid addenda or bid notices (as attachments) that need to be sent during the bidding process.

7. BIDDER RESPONSE LOG

This program acts as a bidder activity log, showing when responses are recevied from each contact and what the response is (Accepted or Declined).

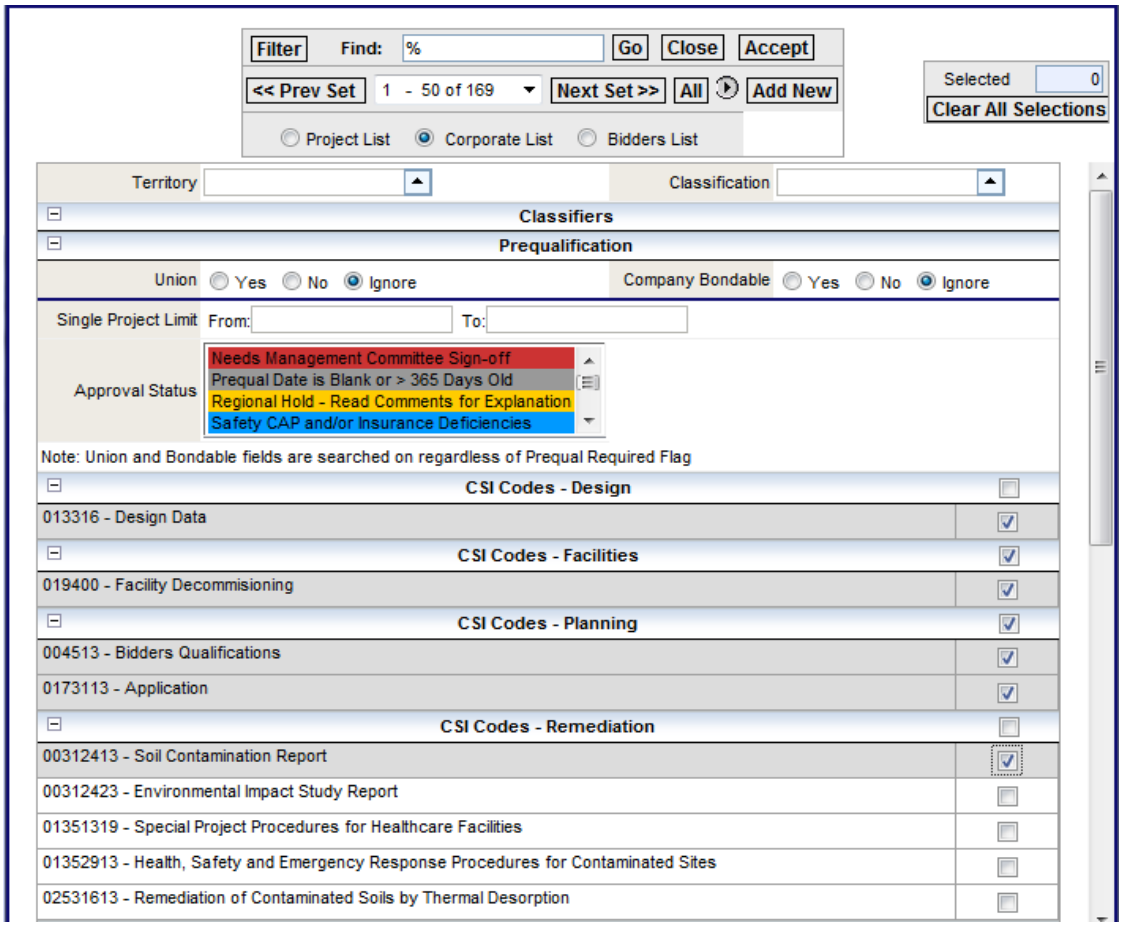
The security for this program is set under the Assign Menu Items security option:



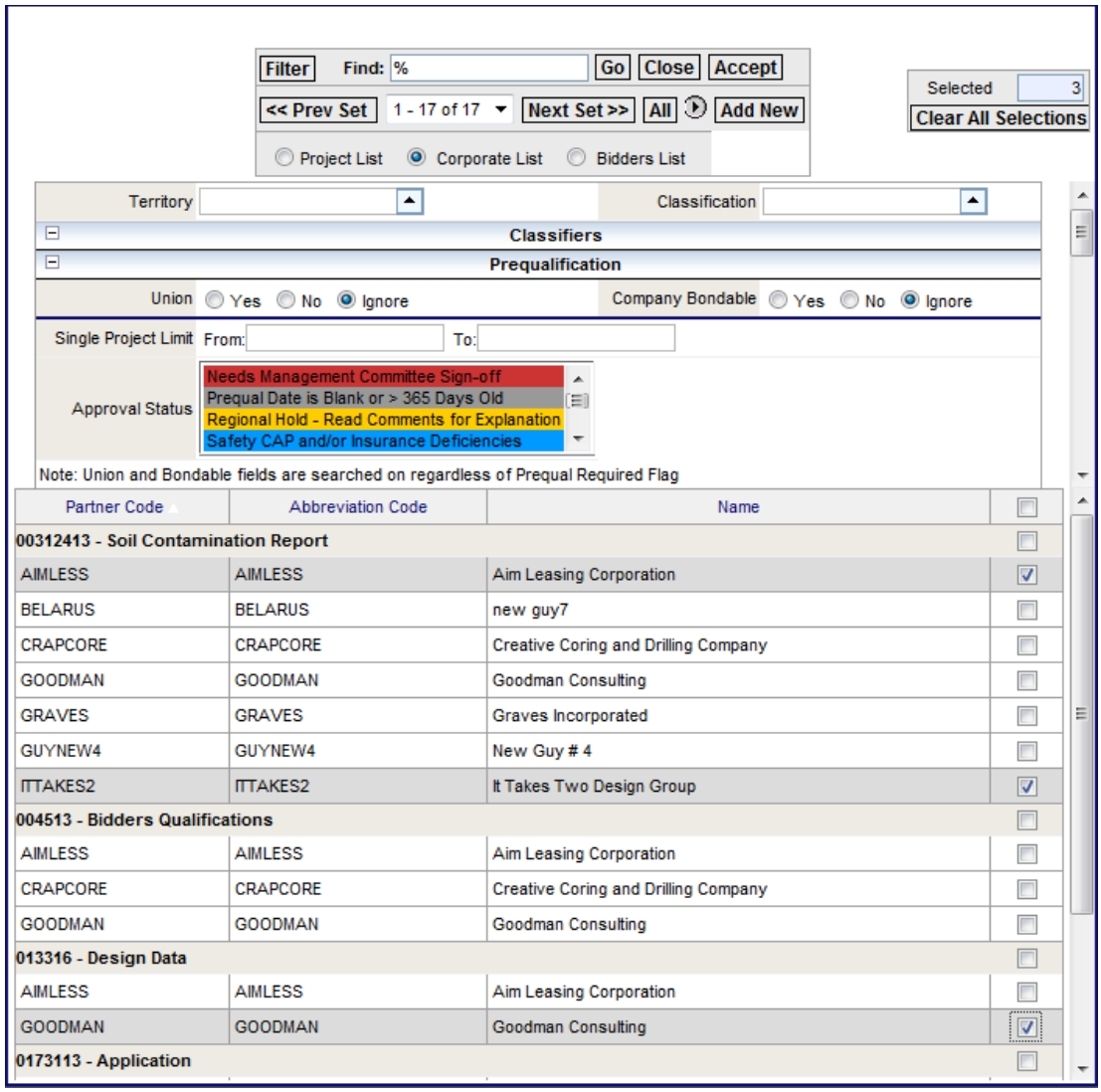


8. FILTERING WITH CSI CODES

When adding bidders to the ITB and the Bid Package, invoking the partner LOV does not initially show any partner records. **The default view is in filter mode**. The partner records are only shown after the filter selections are made and the user clicks the [GO] button.



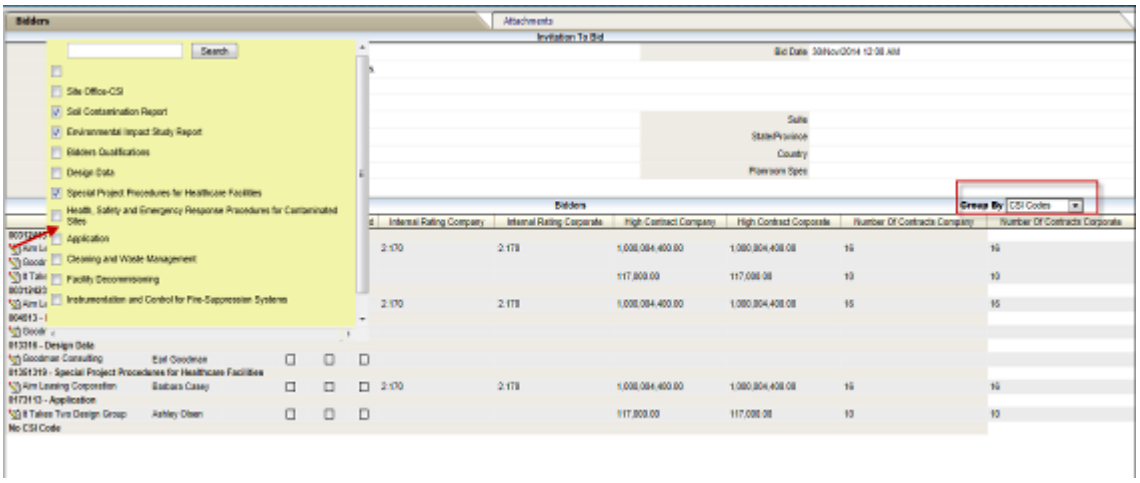
If the selection is made based on CSI Codes, the user first selects the CSI Codes then click [Go]. A list of all the business partners will be shown per CSI Code.



The user will then select the business partners that bid invitations will be sent to, and then click [Accept].

This action will pull in the corresponding bid contacts for each business partner into the bidders screen.

If the 'Group By' is set as **CSI Codes**, the screen will display the bidders per CSI Code.

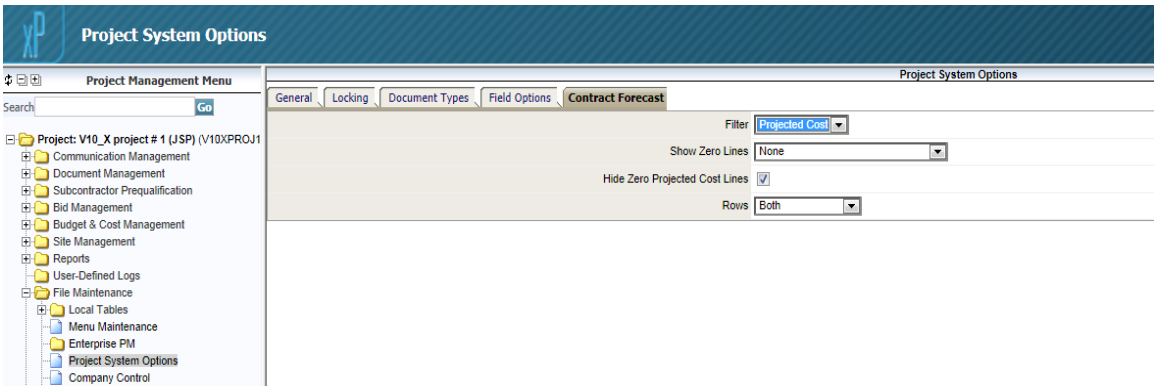


In addition, the Edit icon  beside each record allows the user to display the CSI Codes that the business partner has been assigned in the system.

The codes that are checked are the ones that the business partner is currenlty filtered by. The user can select or deselect codes and update the Bidders screen using the **[Update]** button in the yellow popup screen (scrolling may be necessary in some browsers).

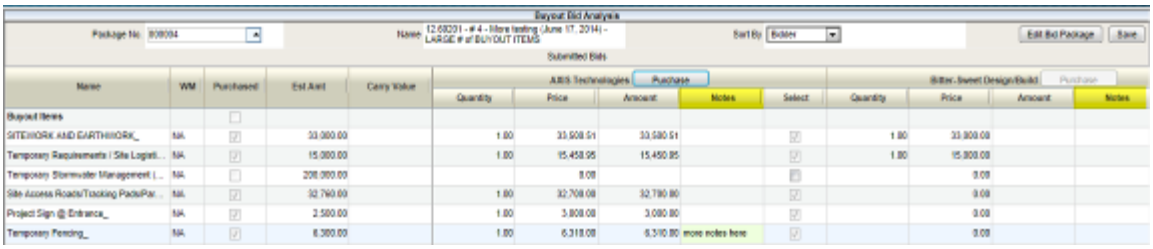
The **[Search]** button (only shown for longer lists) allows the user to search the CSI codes description list for codes with a given text in the description.

PM Systems Option – Contract Forecast tab (14.86609)



A PM Systems Option tab has been added for 'Contract Forecast'. The fields on this tab allows the user to set the default system parameters for the PM JSP Contract Forecast filter. These default settings can be overridden at the time when the Contract Forecast with PCI Projection will be executed.

Buy Out Analysis (JSP) – Ability to Add Notes (14.97528)



The ability to add Notes against each vendor quote has been added to the Buy Out Analysis (JSP).

Bid Item Import – Updating Existing Bid Items Default (14.97700)



Changes have been made to set the default for 'Update Existing Bid Items' back to 'un-checked' (was set to checked in Patch 15). With this default setting, new bid item records will be created for Task Codes that already exist as bid items (or duplicated in the import file) UNLESS the user overrides the default and set it to 'checked', to update existing bid items that match the Task Code of the items being imported.

New Units Complete – independent of Daily Journal (13.85743)

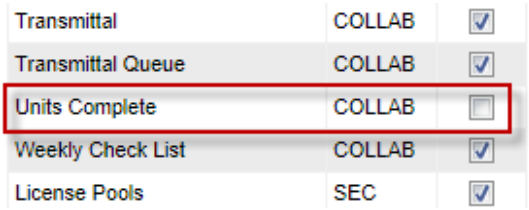
A new separate JSP program has been created for Units Complete. The new program does not have any link/association with the Daily Journal. However, the Total Units Complete will be impacted by the units entered in Job Costing (Units Complete menu), Daily Journal and the new Units Complete program.

NOTE: In addition, the PM Control flag '**Restrict Daily Journal Units Complete selection**' will also apply to the Units Complete program. The label of the checkbox (and its associated hint line) can be changed in Prompt Maintenance to make it more generic, for example to 'Restrict Units Complete Selection'.

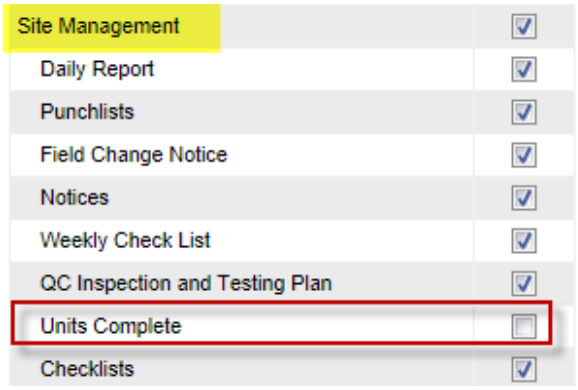
Security

Security will need to be assigned in the both the 'Assign Programs' and 'Assign Menu Items' screens before it can be made available to users. Custom menus will require updating by using the Menu Maintenance program.

Assign Programs:



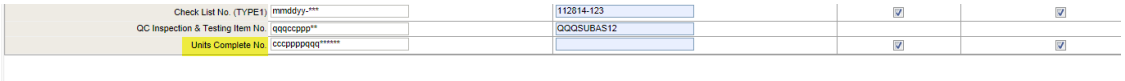
Assign Menu Items:



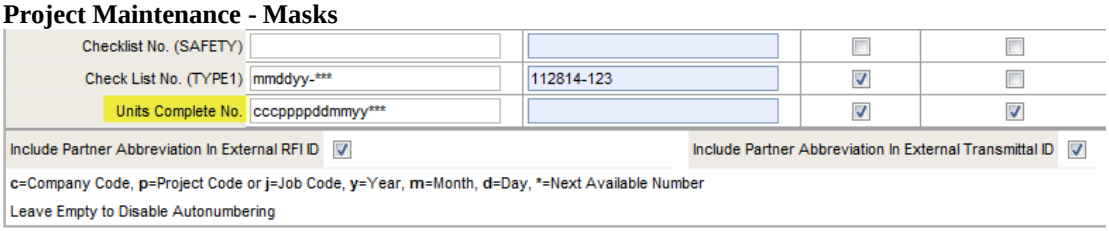
Below are the features of the new program:

- A separate Mask ID with auto-numbering function has been created and maintained for this new PM object (Units Complete), similar to other PM objects. The masks can be set at the Company Control and/or the Project level.

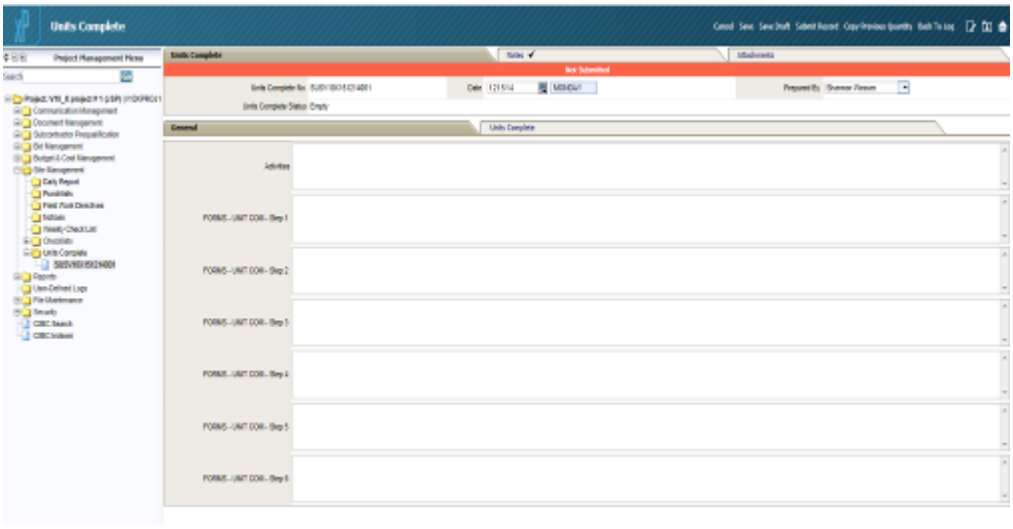
PM Control - Masks



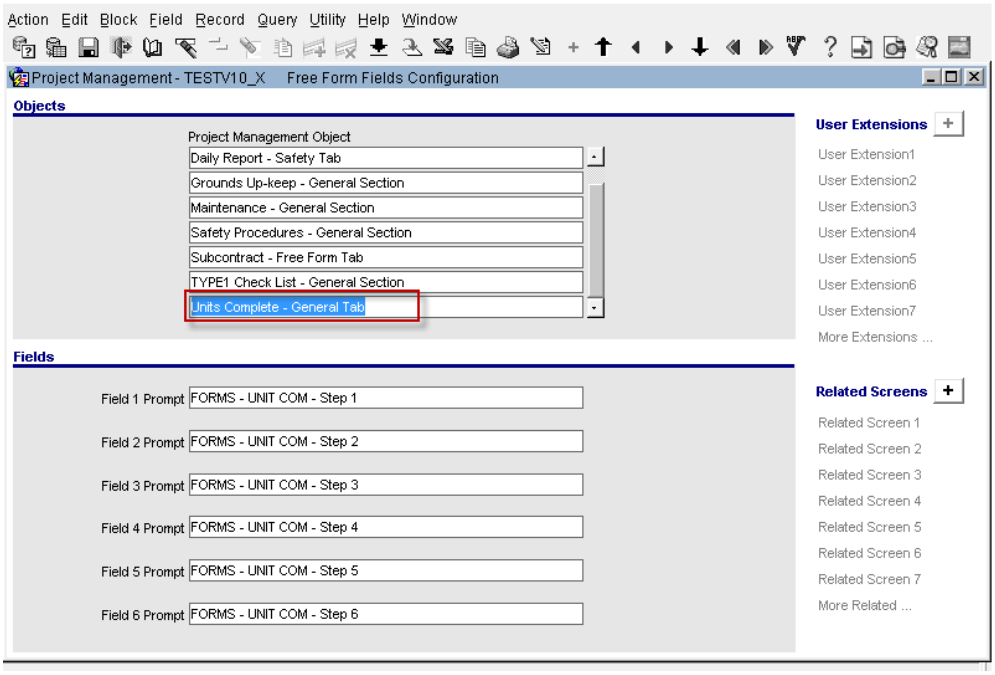
Project Maintenance - Masks



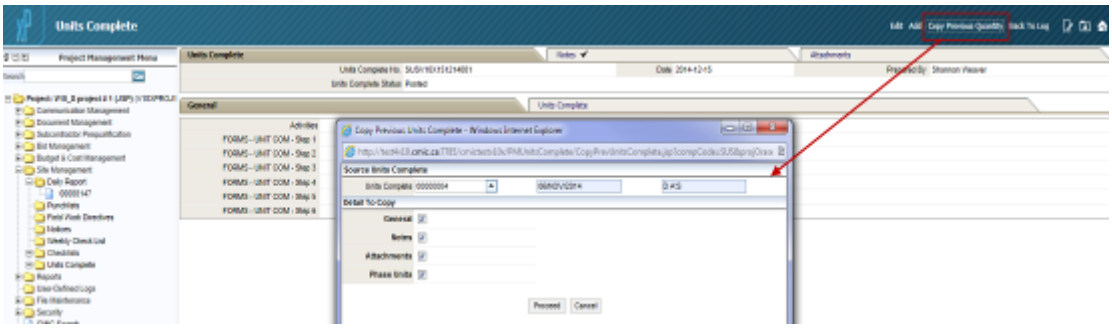
- The new Units Complete program has two tabs (i) General (ii) Units Complete.



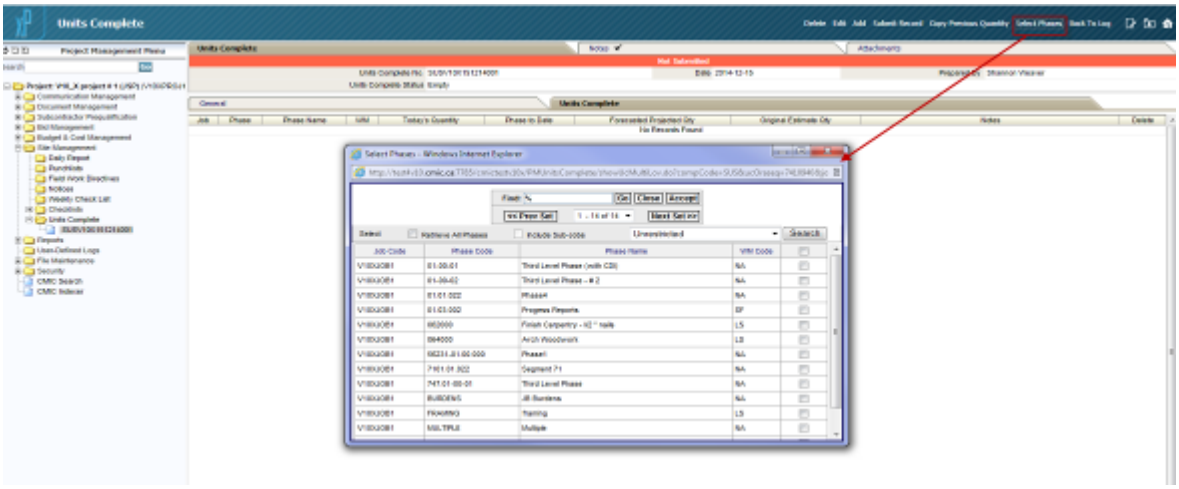
- The General tab is similar to the General tab that exists in Daily Journal, and has its own separate set of freeform classifiers that are only associated with Units Complete. The classifiers are defined in FORMS version:



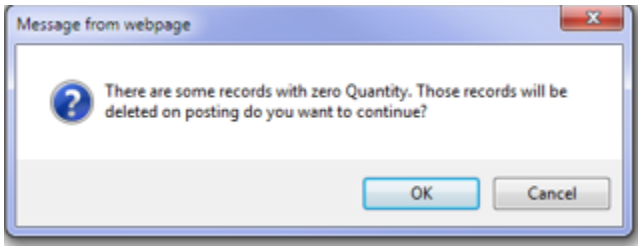
- The program also has the [Copy Previous Record] functionality where it allows the user to copy all phases existing in the previous units complete record (by default, or record to be copied can be selected from an LOV) and the General tab information.



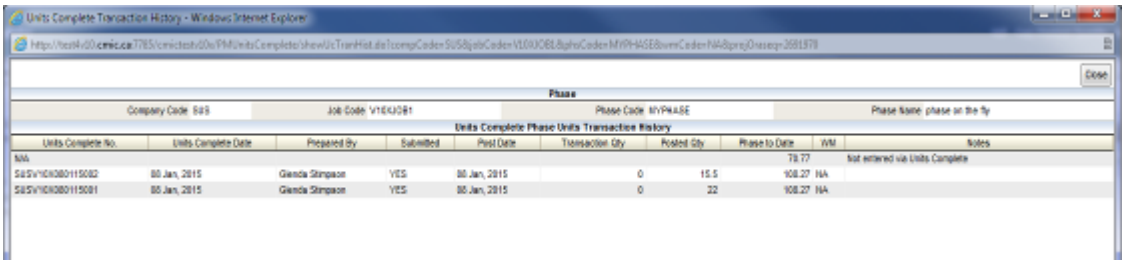
- When in the Units Complete tab and selecting the Phases, there is an option to 'Include Sub-job'. This is available when "Retrieve All Phases" is checked. There is also a drop-down box provided to select budget method: Unrestricted, Restrict to Budget Method P/U, Restrict to Budget Method "A".



- Units Complete can be posted once the record is **submitted**. It is then that the [Post Units] button is available.
- The posting of units completed is not restricted to financial period dates and does not consider period open/close. The Units entered are posted to the date entered in the header.
- Once records get posted, all records where no quantity was entered for a phase will be removed after posting. A message will be displayed informing the user of this:

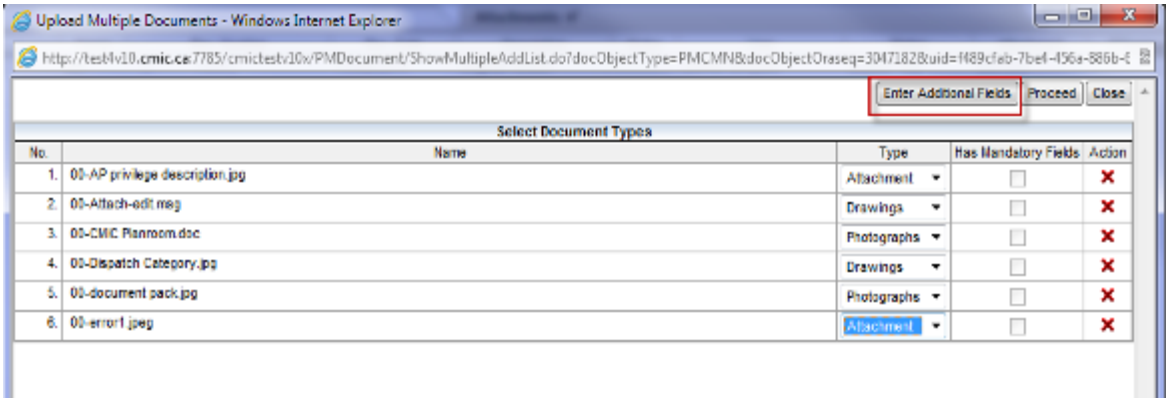


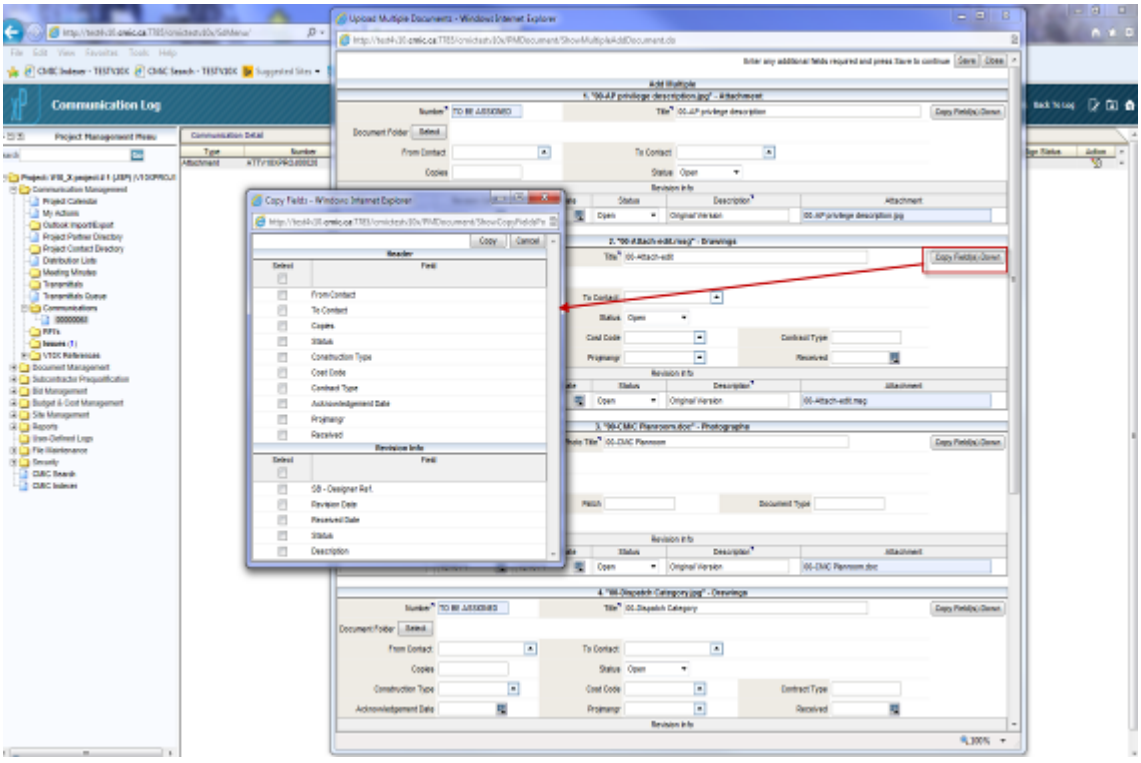
- Drilldown is available on the Phase to Date quantity field, displaying the transaction details:



Multiple Document Upload – Copy-Down Feature (14.91524)

For Documents, CMiC has added the ability to **copy down** from one record to one or more records of the same document type, in the Multiple Upload - Enter Additional Fields screen.





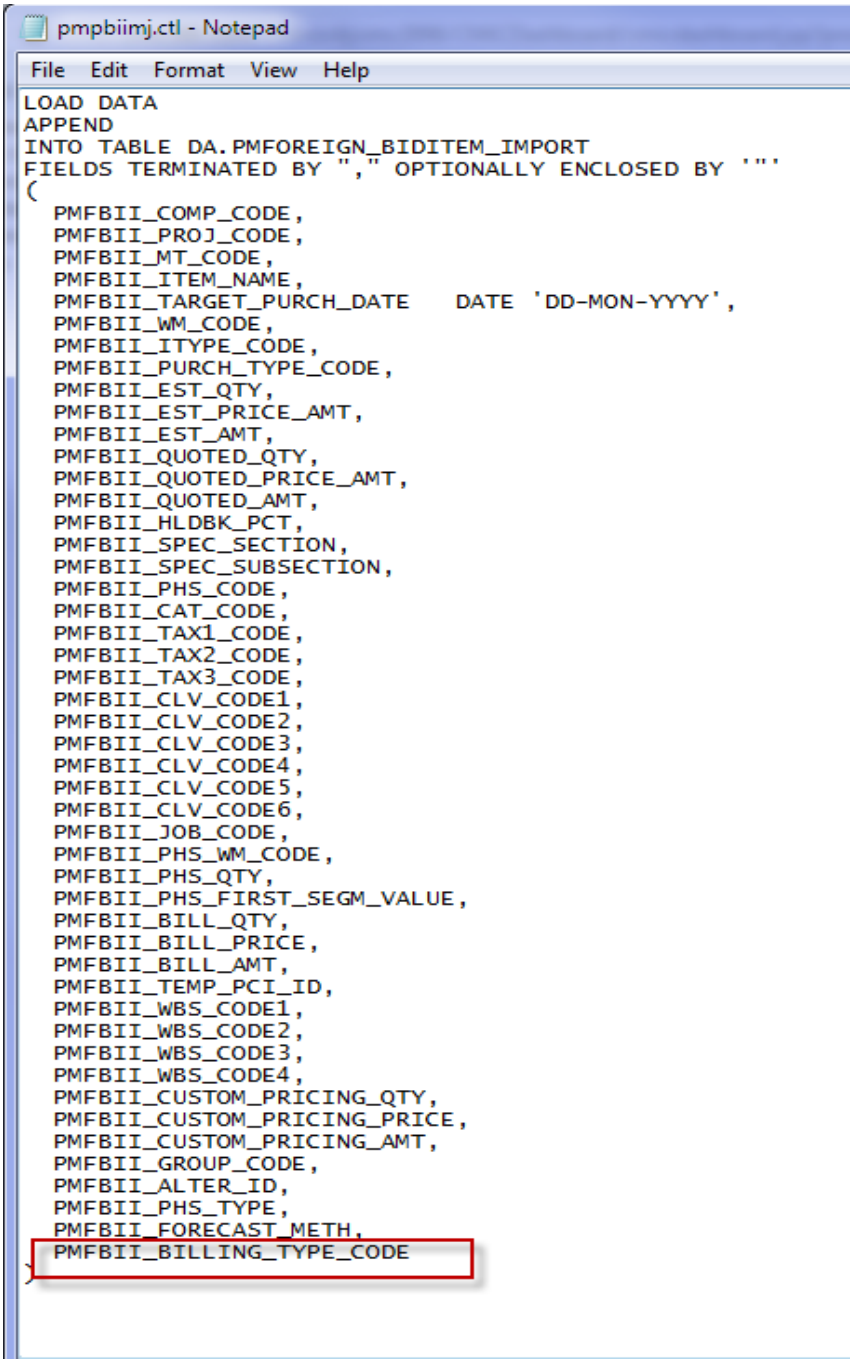
When the [Copy Fields Down] button is clicked, a popup window is displayed with checkboxes against every field in the header and detail section for the document type where the user is. The user selects the fields to be copied and click the [Copy] button. The system will then perform copy down function for all selected fields for the same document type records **below** the current record.

During the copy process any fields that are being copied over will be overridden if the field already some value in it.

All fields except for the file name and the document number (for any selected document type) will be able to be selected and to be copied.

The descriptions that show for the fields on the copy screen are the names as defined by the user (if the standard labels are changed via Prompt Maintenance). For example, if the user renames "Designer Ref" to SB Designer Ref then the latter is the name that will show in the Copy window.

Billing Type Added to Bid Item Import (JSP) (14.93270)



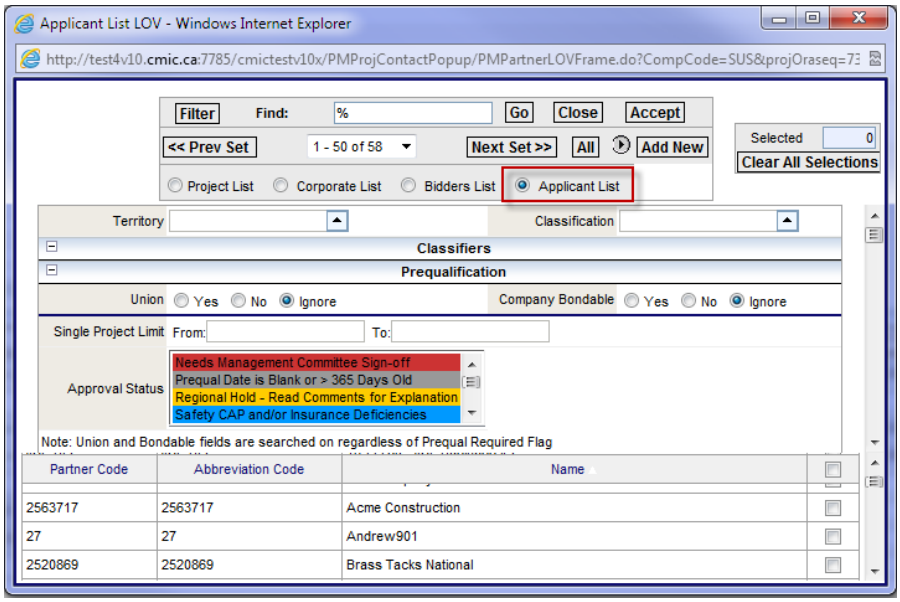
Added the Billing Type to the Bid Items Import. Also added field security for this field.

The import control file now has the layout above. The attributes of each field is specified in the Import Utilities Manual.

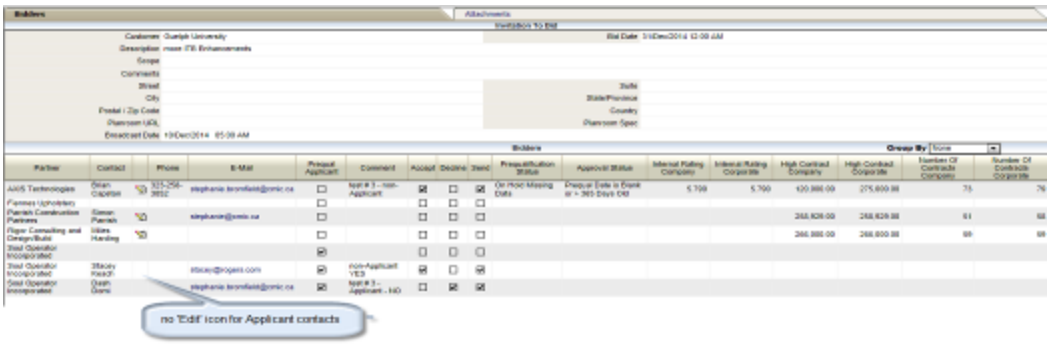
ITB Enhancements – Broadcast to Applicant (14.89044)

As part of the ITB enhancements that are being released in patch V10-X-016 and V10-X-017, the following modifications are in place:

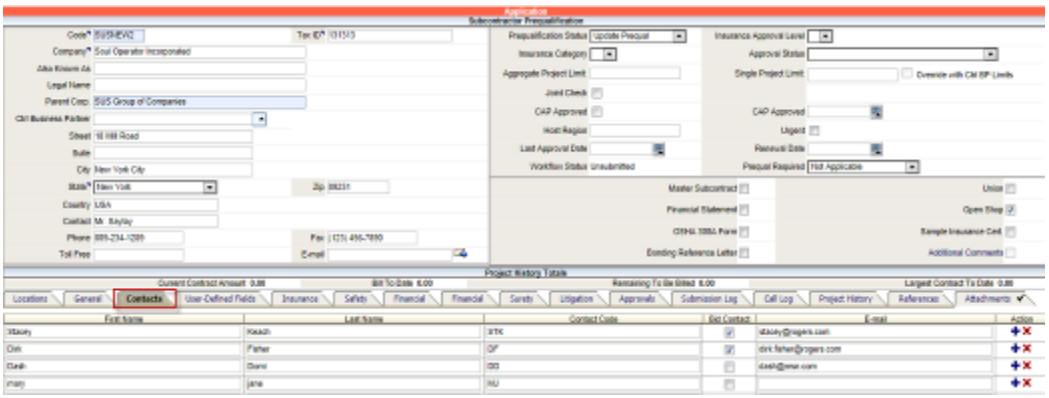
- the SC Pre-qualification Applicant has been added as a filter parameter when selecting Bidders in the Invitation to Bid and the Bid Package (Bidders) screens



- also added the ability to send ITB Broadcasts to Pre-qualification Applicant contacts
- edit of Applicant contact is not permitted in the ITB and Bid Package



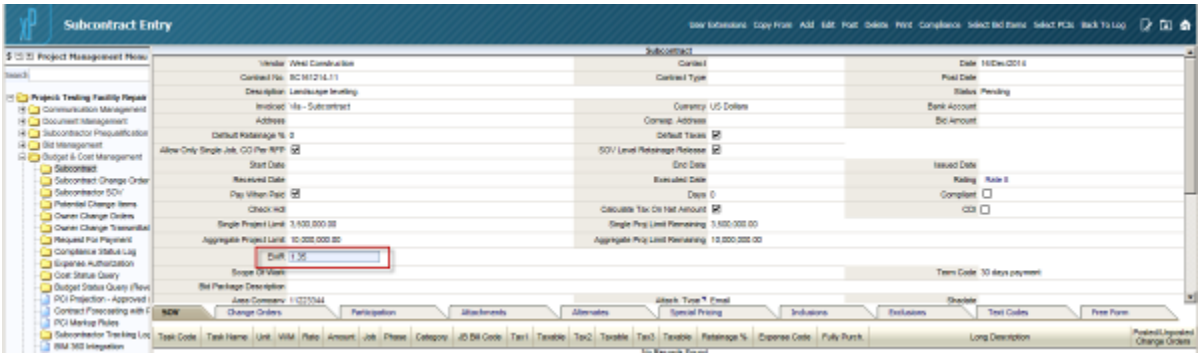
- a Contacts tab has been added to the Pre-qualification Applicant screen to allow addition of contacts for an Applicant:



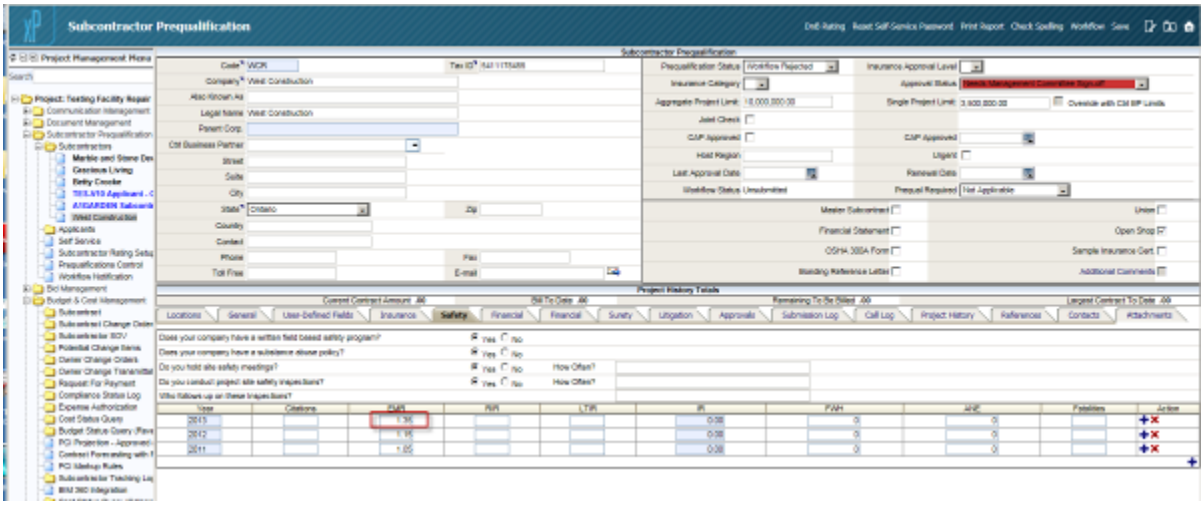
Changes in Subcontract Entry (14.93161)

The following changes have been implemented in the Subcontract header screen:

1. Added the field to display Safety EMR for the selected Vendor (if pre-qualified) for the most recent year in the subcontract header:

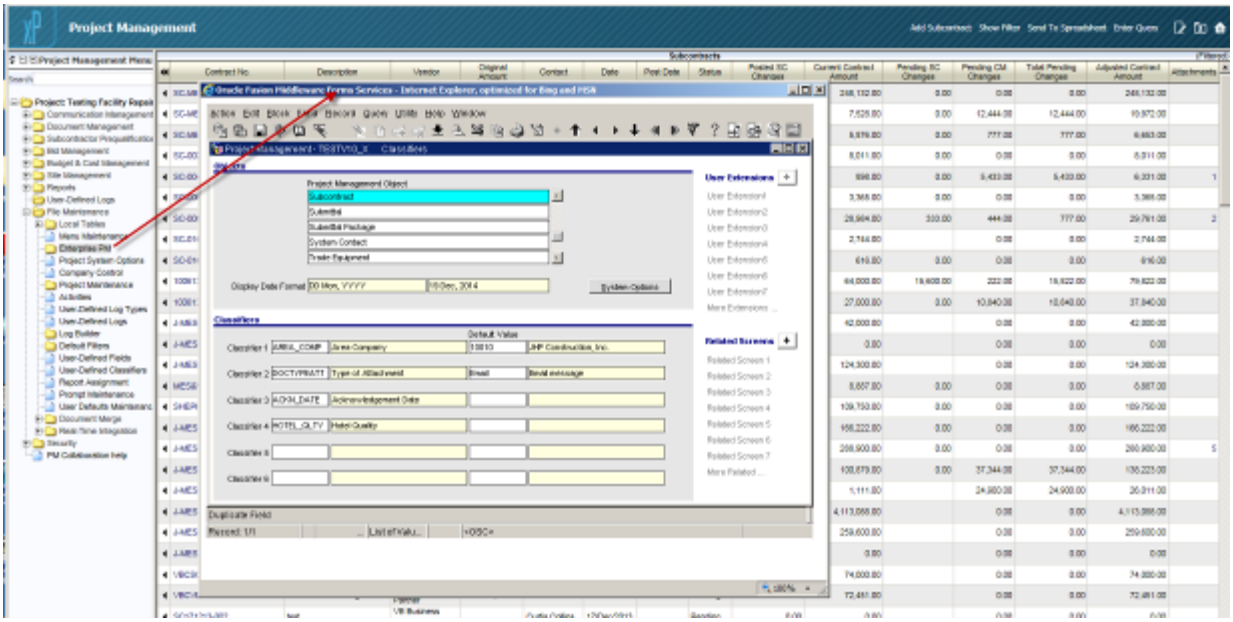


This field gets populated from the Subcontractor Prequalification screen/Safety tab:

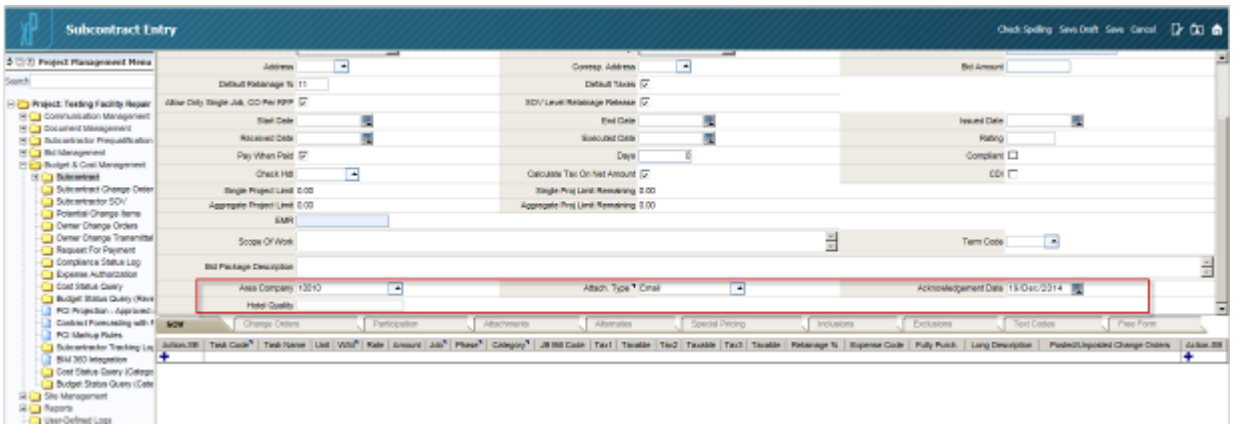


The field has field security that can be set in Role Maintenance for program ‘Subcontract’. Available options are ‘Unrestricetd (Read Only)’ and ‘Hidden’.

2. Implemented the field security functionality for User Defined Classifiers set in PM Enterprise -> Setup -> Local Tables -> System Configuration -> User Defined Classifiers:



to be used in Subcontract header:



The field security can be set in Role Maintenance for ‘Subcontract’ program and available options are ‘Unrestricted’, ‘Read Only or ‘Hidden’:

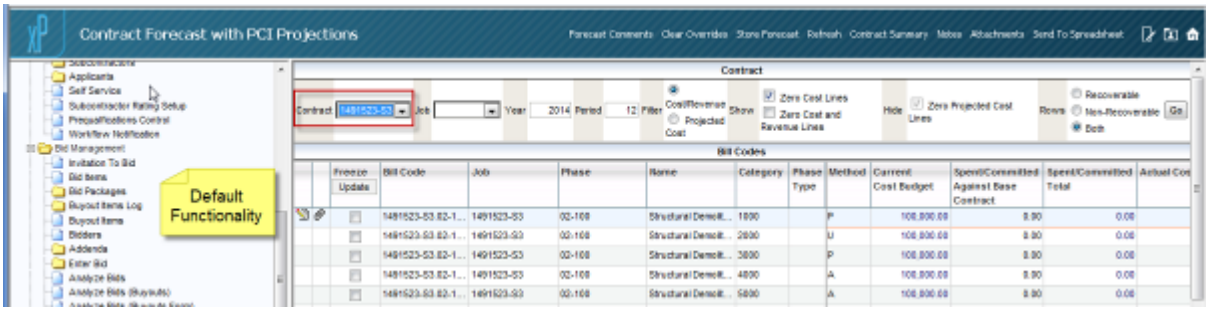
Contract Forecasting by Controlling Job Option (14.91523)

An option to forecast by 'Controlling Job' is added to the Contract Forecasting screen in PMJSP.

Existing Functionality:

Current functionality has the 'Contract Code' field, which allows users to select the required Contract Code when forecasting. More than one entry is possible when sub jobs are setup with their own billing contracts.

Users have to select the required contract code to display the bill codes related to the specific contract and then perform the forecasting functions.



For Example:

Job Code	Controlling Job	Billing Contract
1491523M	ALL	1491523M
1491523-S1	1491523M	1491523M
1491523-S2	1491523M	1491523M
1491523-S3	1491523M	1491523-S3

In case of the Contract setup shown above, there will be two entries and users have to forecast them individually.

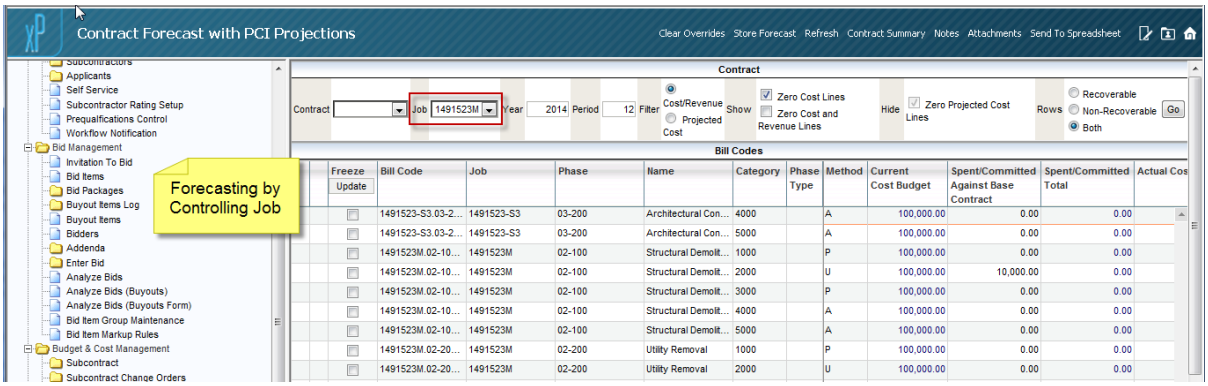
Modified Functionality:

A 'Job' field is added to the Contract Forecasting header section.

The default value is blank and the Contract Code field will be populated with a contract code as per existing functionality.

When users select the controlling job code from the list (Theoretically, there can only be one controlling job in the list, as a project is always mapped with a single job), the 'Contract Code' field will be cleared and upon execution, all bill codes related to the billing contracts under this controlling job will be retrieved.

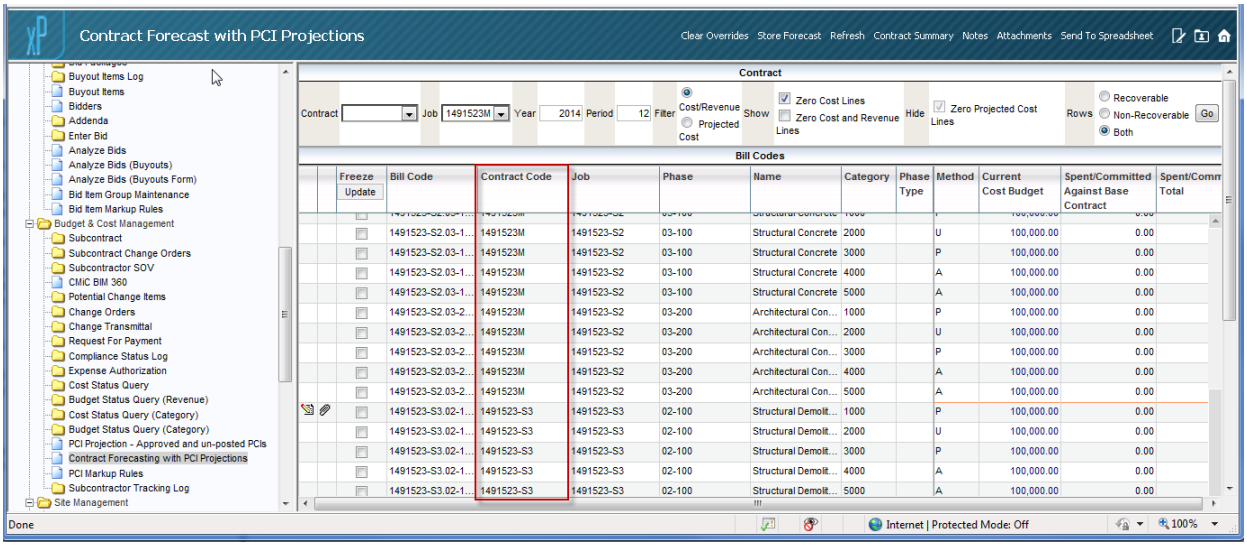
This modification facilitates the forecasting of all billing contracts under a Controlling job at once.



Users will be able to review, refresh, override and store forecasts, when using this controlling job mode as well. All the standard functions of forecasting are applicable to this mode as well.

Contract Code Column:

Also added a new column 'Contract Code' to the bill code details section. This contract code column would display the related contract code against each of the bill code records.

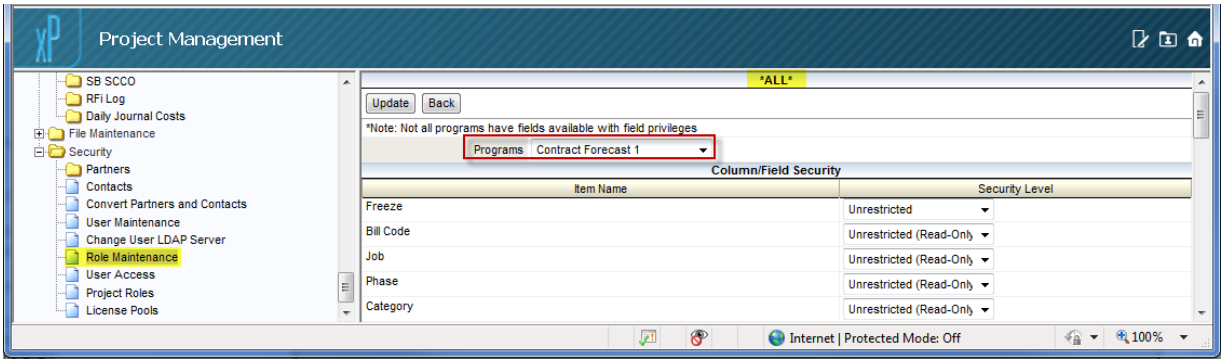


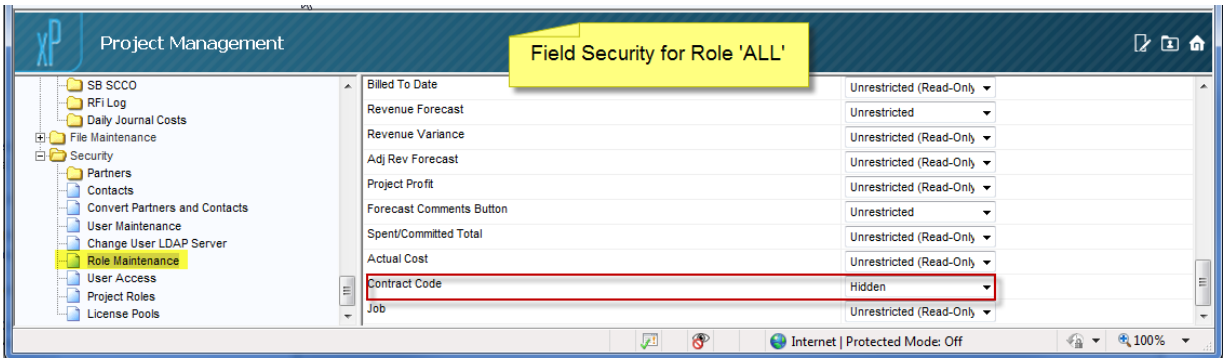
Field Security:

The field security on 'Contract Code' column is set to 'Hidden' for the role 'ALL'.

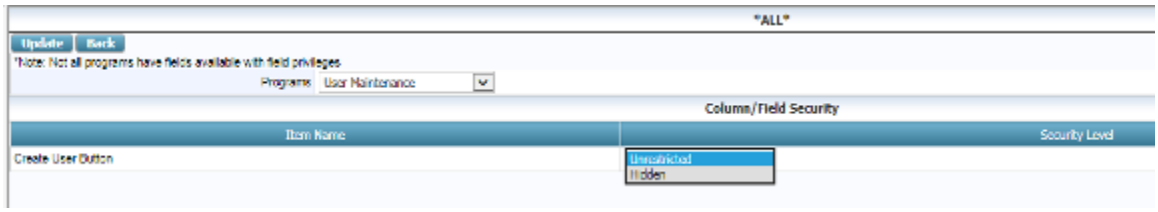
Users have to set this value as ‘Unrestricted (Read-Only)' in order to make this column visible in the forecasting screen.

If required, users may also set the field security at User Role levels, if required to be 'Hidden'.



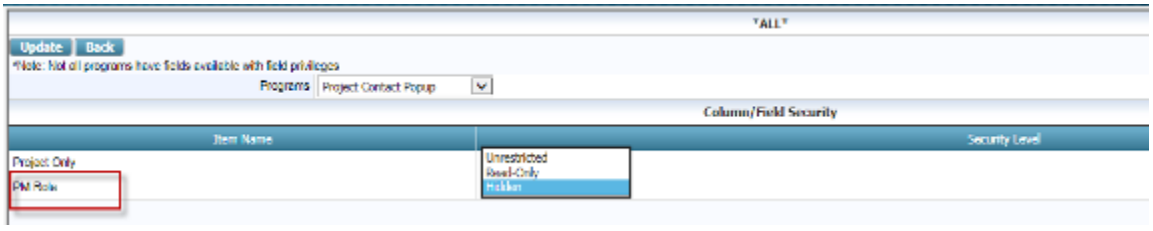


Field Security - Create User Button (14.97777)



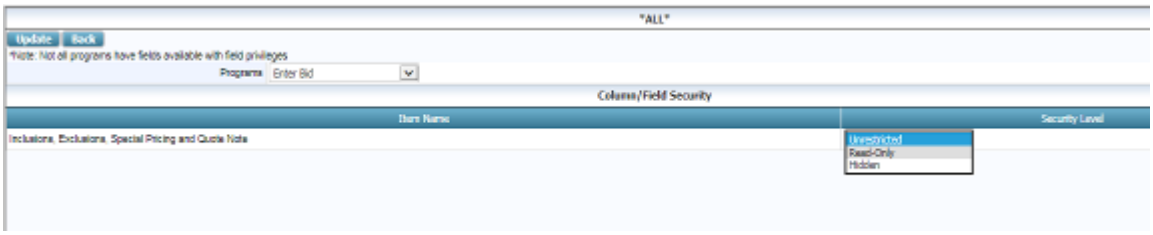
Field security can now be applied to the [Create User] button on the User Maintenance (JSP) screen. The possible setting is Unrestricted or Hidden.

Field Security – PM Role in 'Add contact on the fly' (14.96917)



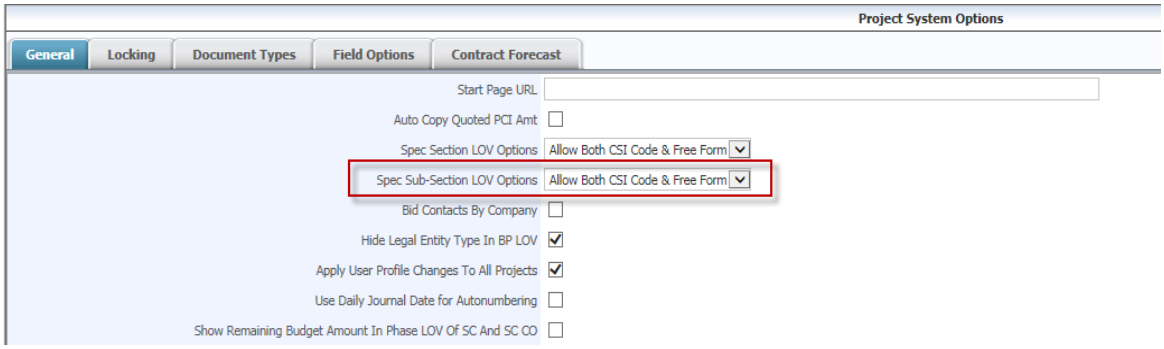
Field security can be applied to the PM Role field in the 'Add contacts on the fly' popup screen. The possible setting is Unrestricted/Read-only/Hidden.

Field Security – Enter Bid: Inclusions, Exclusions etc. (14.97251)



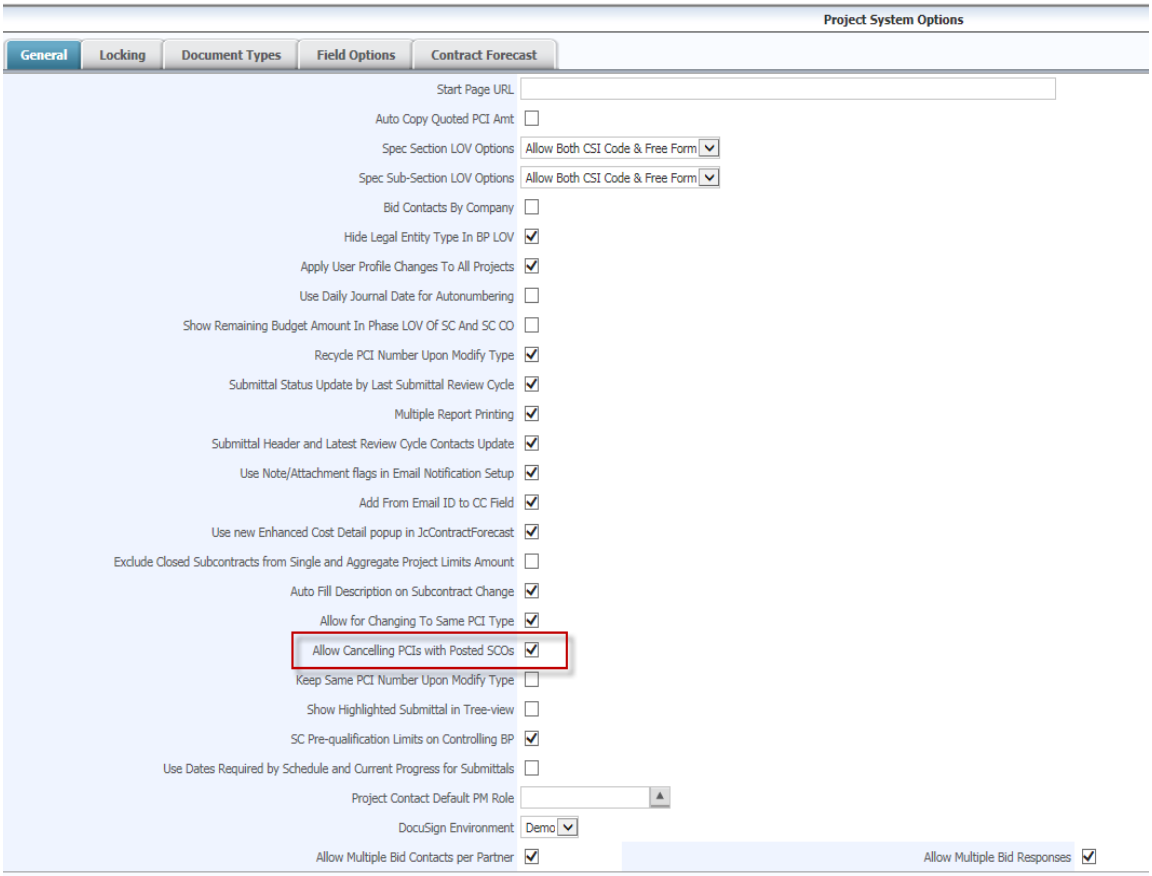
Implemented field security for Inclusion, Exclusion, Special Pricing and Quote Note fields on the Enter Bid screen. The possible setting is Unrestricted/Read-only/Hidden.

CSI Codes/Freeform Options for Submittal Spec Sub-section (14.98033)



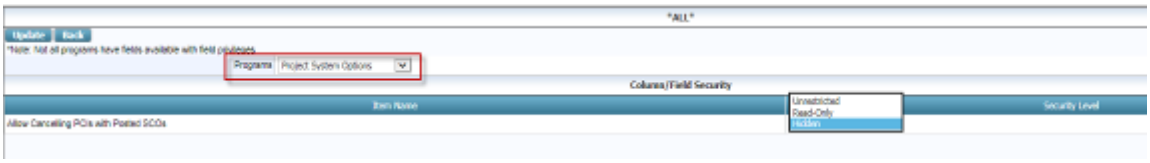
Added a drop-down option box for Submittal Spec Subsection - to display the similar options as those for the Spec Section - i.e. to display the LOV with Freeform text only, CSI Codes only or both Freeform text and CSI Codes as radio button options in the Spec Subsection LOV of Submittals. This replaces the functionality that was introduced in patch V10-X-015 (10.49511) where the single drop-down was used for both the Submittal Spec Section and Spec Sub-section. Now the drop-down boxes will behave independently of each other.

Cancelling of PCIs with Posted Subcontract Change Orders (SCOs) (14.91883)



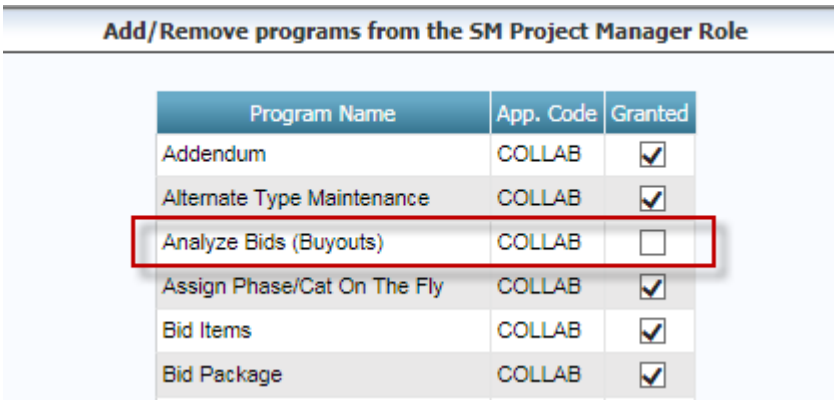
Added a new checkbox to the PM Systems Options screen: '**Allow Cancelling PCIs with Posted SCO's**'. By default this flag is checked (to preserve previous functionality). If it is un-checked, users are not allowed to change the PCI header status to a 'Cancelled' type if there are PCI details that are linked to any posted subcontract change orders. These changes do not apply to the FORMS version of PCI Entry.

Field security is available for this checkbox as well, and has a default setting of 'Hidden':



Analyze Bids (Buyouts) Program Security (14.97306)

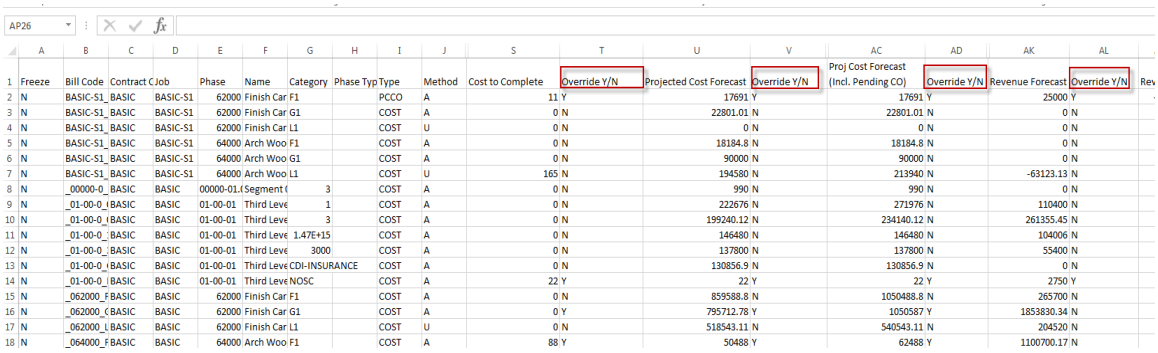
Users who previously had access to the Analyze Bids (Buyouts) menu item will now need to also be assigned security access to the Analyze Bids (Buyouts) **program.** Previously it was sufficient to assign security to the **menu item** listed under the Bid Management program, now, because of ongoing development for a future release it has become necessary to have security for the **program** as well.



If security access is not also granted to the program, the user who previously was able to use the Analyze Bids (Buyouts) screen will now encounter the message:



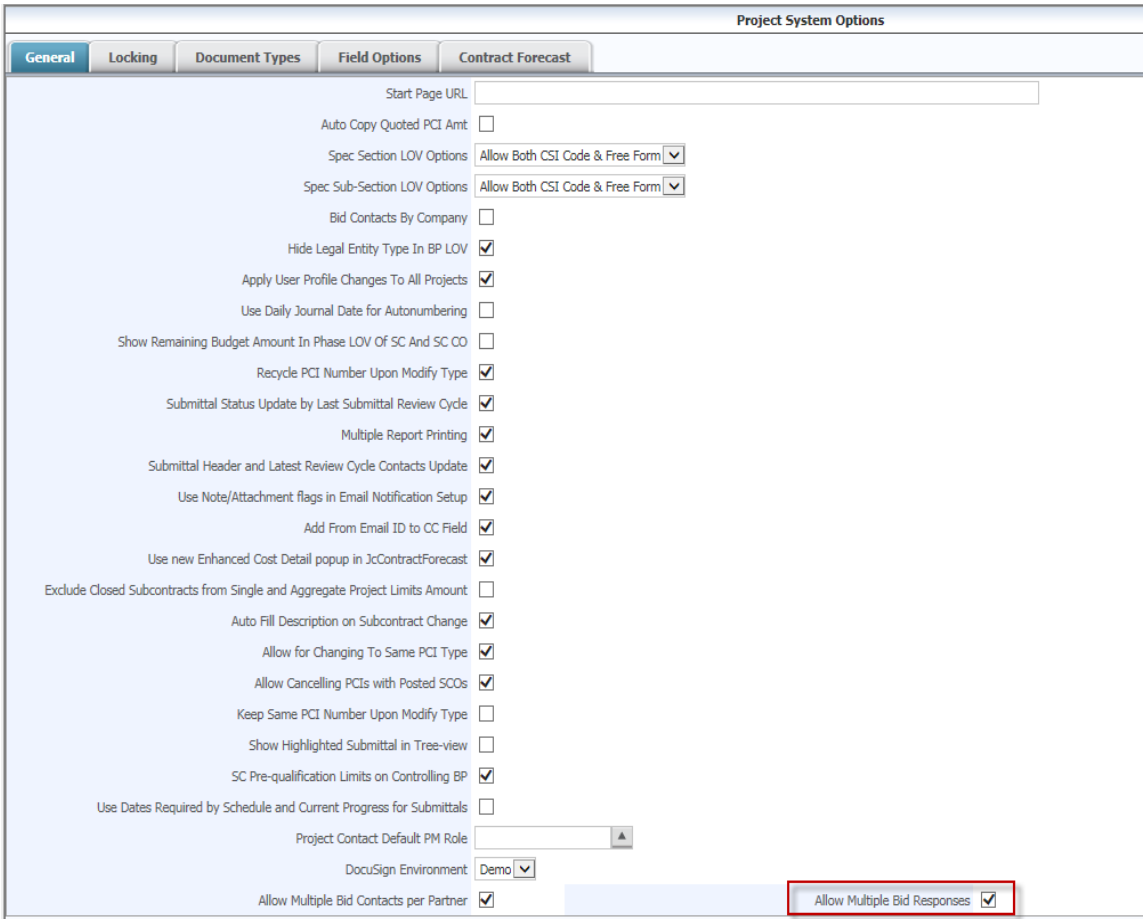
JSP Contract Forecast – Overrides Indicator in [Send to Spreadsheet] (14.95782)



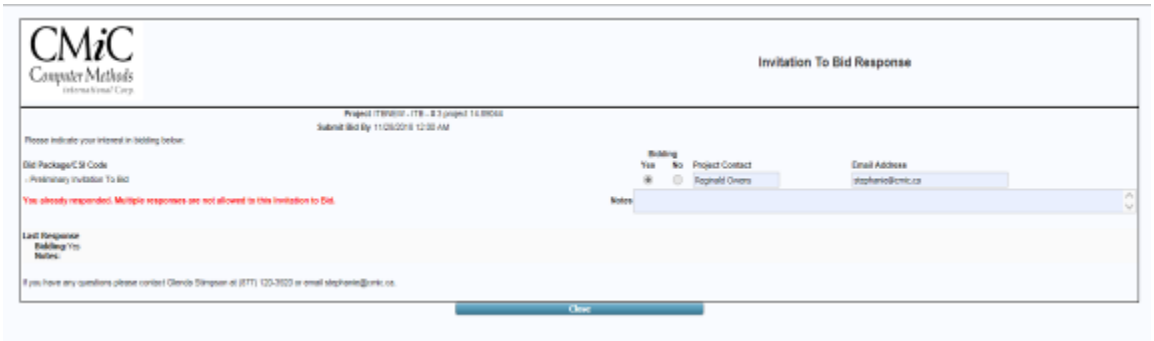
	A	B	C	D	E	F	G	H	I	J	S	T	U	V	AC	AD	AK	AL
1	Freeze	Bill Code	Contract C	Job	Phase	Name	Category	Phase Typ	Type	Method	Cost to Complete	Override Y/N	Projected Cost Forecast	Override Y/N	Proj Cost Forecast (Incl. Pending CO)	Override Y/N	Revenue Forecast	Override Y/N
2	N	BASIC-S1_	BASIC	BASIC-S1	62000	Finish Car	F1		PCCO	A	11	Y	17691	Y	17691	Y	25000	Y
3	N	BASIC-S1_	BASIC	BASIC-S1	62000	Finish Car	G1		COST	A	0	N	22801.01	N	22801.01	N	0	N
4	N	BASIC-S1_	BASIC	BASIC-S1	62000	Finish Car	L1		COST	U	0	N	0	N	0	N	0	N
5	N	BASIC-S1_	BASIC	BASIC-S1	64000	Arch Woo	F1		COST	A	0	N	18184.8	N	18184.8	N	0	N
6	N	BASIC-S1_	BASIC	BASIC-S1	64000	Arch Woo	G1		COST	A	0	N	90000	N	90000	N	0	N
7	N	BASIC-S1_	BASIC	BASIC-S1	64000	Arch Woo	L1		COST	U	165	N	194580	N	213940	N	-63123.13	N
8	N	_00000-0_	BASIC	BASIC	00000-01	(Segment (	3		COST	A	0	N	990	N	990	N	0	N
9	N	_01-00-0_	BASIC	BASIC	01-00-01	Third Leve	1		COST	A	0	N	222676	N	271976	N	110400	N
10	N	_01-00-0_	BASIC	BASIC	01-00-01	Third Leve	3		COST	A	0	N	199240.12	N	234140.12	N	261355.45	N
11	N	_01-00-0_	BASIC	BASIC	01-00-01	Third Leve	1.47E+15		COST	A	0	N	146480	N	146480	N	104006	N
12	N	_01-00-0_	BASIC	BASIC	01-00-01	Third Leve	3000		COST	A	0	N	137800	N	137800	N	55400	N
13	N	_01-00-0_	BASIC	BASIC	01-00-01	Third Leve	CDI-INSURANCE		COST	A	0	N	130856.9	N	130856.9	N	0	N
14	N	_01-00-0_	BASIC	BASIC	01-00-01	Third Leve	NOSC		COST	A	22	Y	22	Y	22	Y	2750	Y
15	N	_062000_F	BASIC	BASIC	62000	Finish Car	F1		COST	A	0	N	859588.8	N	1050488.8	N	265700	N
16	N	_062000_C	BASIC	BASIC	62000	Finish Car	G1		COST	A	0	Y	795712.78	Y	1050587	Y	1853830.34	N
17	N	_062000_L	BASIC	BASIC	62000	Finish Car	L1		COST	U	0	N	518543.11	N	540543.11	N	204520	N
18	N	_064000_F	BASIC	BASIC	64000	Arch Woo	F1		COST	A	88	Y	50488	Y	62488	Y	1100700.17	N

Contract Forecast with PCI Projections - Added override flag indicators (Y/N) to the exported spreadsheet for Cost To Complete, Projected Cost Forecast, Projected Cost Forecast (Including Pending CO) and Revenue Forecast. The indicator is located in the column beside each column named here.

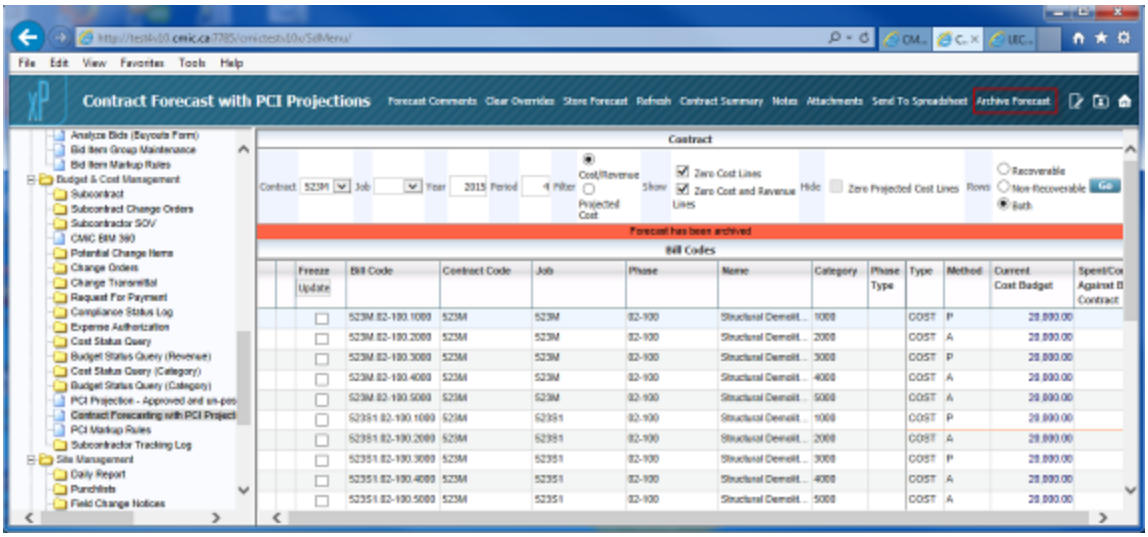
Allow Multiple Bid Responses to ITB Broadcast (14.97727)



A checkbox has been added to the PM Systems Options screen: '**Allow Multiple Bid Responses**'. By default, this checkbox is checked. When it is un-checked, contacts will not be allowed to respond to the same ITB broadcast more than once. Any attempt to do this will be met with a message similar to that below:



Contract Forecast with PCI Projections - Archive Option (15.01742)



PMJSP: Contract Forecasting with PCI Projections > 'Archive Forecast Button'

The 'Archive Forecast' function will store the forecast details as a snapshot for the Contract or Controlling Job as queried on the screen in a table named **JCCONTFORECAST_JSP_ARCHIVE.**

SQL | Output | Statistics

```
select * from JCCONTFORECAST_JSP_ARCHIVE t where JCCF_CONT_CODE like '523%'
ORDER BY jccf_cont_code,jccf_yr,jccf_per
```

	JCCF_ORASEQ	JCCF_COMP_CODE	JCCF_CONT_CODE	JCCF_YR	JCCF_PER	JCCF_BILL_CODE	JCCF_ARCHIVE_DATE	JCCF_BILL_JOB_CODE
1	7682073	CCC	523M	2015	3	523M.02-100.2000	06/03/2015 3:24:41 PM	523M
2	7682072	CCC	523M	2015	3	523M.02-100.1000	06/03/2015 3:24:41 PM	523M
3	7682081	CCC	523M	2015	3	523S1.02-100.5000	06/03/2015 3:24:41 PM	523S1
4	7682074	CCC	523M	2015	3	523M.02-100.3000	06/03/2015 3:24:41 PM	523M
5	7682077	CCC	523M	2015	3	523S1.02-100.1000	06/03/2015 3:24:41 PM	523S1
6	7682080	CCC	523M	2015	3	523S1.02-100.4000	06/03/2015 3:24:41 PM	523S1
7	7682075	CCC	523M	2015	3	523M.02-100.4000	06/03/2015 3:24:41 PM	523M
8	7682079	CCC	523M	2015	3	523S1.02-100.3000	06/03/2015 3:24:41 PM	523S1
9	7682076	CCC	523M	2015	3	523M.02-100.5000	06/03/2015 3:24:41 PM	523M
10	7682078	CCC	523M	2015	3	523S1.02-100.2000	06/03/2015 3:24:41 PM	523S1
11	7682135	CCC	523M	2015	4	523M.02-100.2000	06/03/2015 3:13:13 PM	523M
12	7682139	CCC	523M	2015	4	523S1.02-100.1000	06/03/2015 3:13:13 PM	523S1
13	7682143	CCC	523M	2015	4	523S1.02-100.5000	06/03/2015 3:13:13 PM	523S1
14	7682138	CCC	523M	2015	4	523M.02-100.5000	06/03/2015 3:13:13 PM	523M
15	7682140	CCC	523M	2015	4	523S1.02-100.2000	06/03/2015 3:13:13 PM	523S1
16	7682137	CCC	523M	2015	4	523M.02-100.4000	06/03/2015 3:13:13 PM	523M
17	7682142	CCC	523M	2015	4	523S1.02-100.4000	06/03/2015 3:13:13 PM	523S1
18	7682136	CCC	523M	2015	4	523M.02-100.3000	06/03/2015 3:13:13 PM	523M
19	7682134	CCC	523M	2015	4	523M.02-100.1000	06/03/2015 3:13:13 PM	523M
20	7682141	CCC	523M	2015	4	523S1.02-100.3000	06/03/2015 3:13:13 PM	523S1
21	7682110	CCC	523S2	2015	3	523S2.02-100.1000	06/03/2015 3:24:41 PM	523S2
22	7682111	CCC	523S2	2015	3	523S2.02-100.2000	06/03/2015 3:24:41 PM	523S2
23	7682111	CCC	523S2	2015	3	523S2.02-100.2000	06/03/2015 3:04:02 PM	523S2
24	7682112	CCC	523S2	2015	3	523S2.02-100.3000	06/03/2015 3:24:41 PM	523S2
25	7682110	CCC	523S2	2015	3	523S2.02-100.1000	06/03/2015 3:04:02 PM	523S2
26	7682113	CCC	523S2	2015	3	523S2.02-100.4000	06/03/2015 3:04:02 PM	523S2
27	7682114	CCC	523S2	2015	3	523S2.02-100.5000	06/03/2015 3:04:02 PM	523S2
28	7682113	CCC	523S2	2015	3	523S2.02-100.4000	06/03/2015 3:24:41 PM	523S2
29	7682112	CCC	523S2	2015	3	523S2.02-100.3000	06/03/2015 3:04:02 PM	523S2
30	7682114	CCC	523S2	2015	3	523S2.02-100.5000	06/03/2015 3:24:41 PM	523S2
31	7682162	CCC	523S2	2015	4	523S2.02-100.1000	06/03/2015 3:08:10 PM	523S2
32	7682163	CCC	523S2	2015	4	523S2.02-100.2000	06/03/2015 3:08:10 PM	523S2
33	7682165	CCC	523S2	2015	4	523S2.02-100.4000	06/03/2015 3:08:10 PM	523S2
34	7682164	CCC	523S2	2015	4	523S2.02-100.3000	06/03/2015 3:08:10 PM	523S2
35	7682166	CCC	523S2	2015	4	523S2.02-100.5000	06/03/2015 3:08:10 PM	523S2

This archive data from PMJSP Contract Forecasting may be used for any analysis in the future.

Users must note the following:

1. When selecting the 'Contract Code' option and querying the stored forecast, only those details for the specific contract are queried and displayed. The 'Archive' function will store all these records in the table.

2. When a forecast is queried for a 'Controlling Job', then 'Archive' function will store details as queried for all main/sub jobs, regardless of the Contract Code.

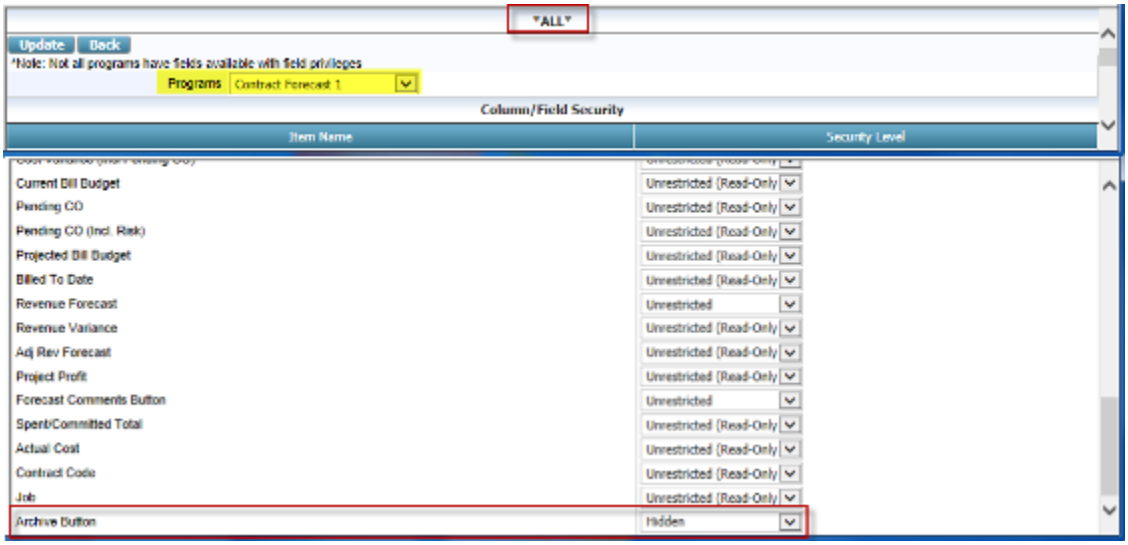
3. Users may press the 'Archive' button as many times as required, and on a single day, the records for the Contract/Controlling Job will be overwritten and the net result will be one set of record per day will be stored on the table.

4. Subsequent pressing of the 'Archive' button on the following days will store new set of archive details with the audit information of archive date with time.

5. Any overrides must be committed and then re-queried and 'archived' again, in order to get the archive data updated.

Field Security:

Standard CMiC field security applies to this 'Archive' button as well.

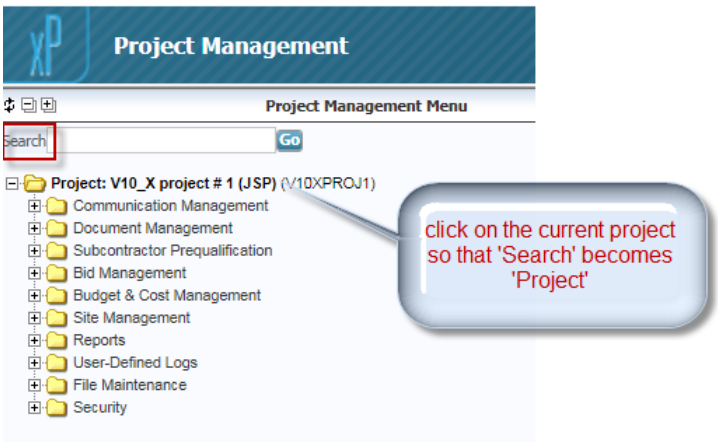


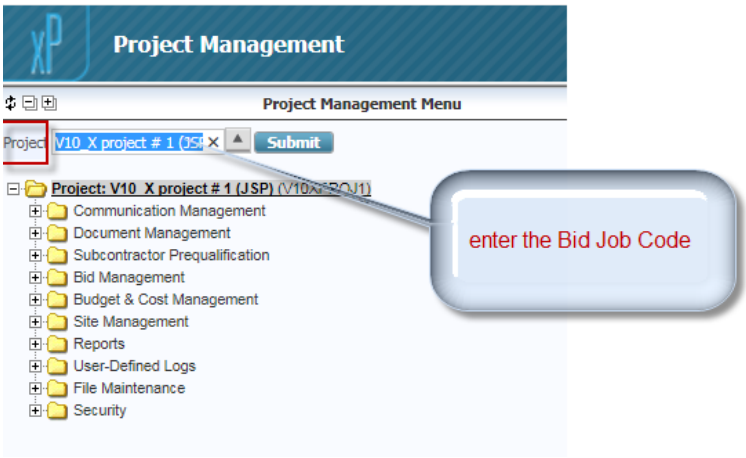
Initially the 'Archive' button is hidden for 'ALL' roles. Users have to set it as 'Unrestricted' for 'ALL' roles first and then set the individual 'ROLE' level restriction as required.

Access Project Using Associated Bid Job Code (14.96980)

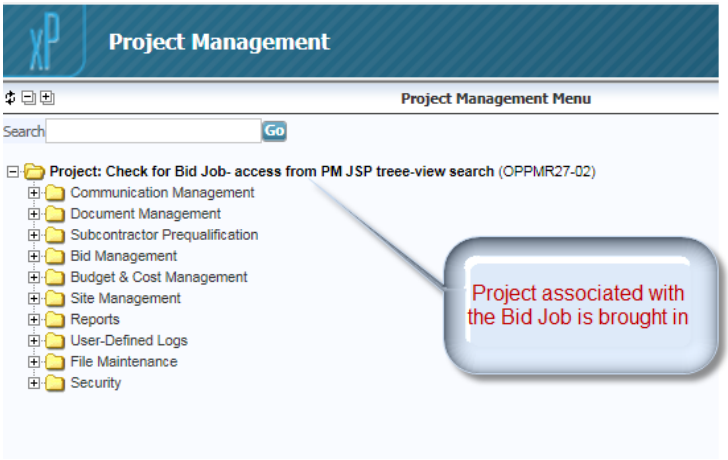
CMiC has added the ability to bring in the project associated with a Bid Job to the tree-view by entering the Bid Job code instead of the project code in the 'Project' field of the PM JSP tree-view. Once the Bid Job is won, it is no longer possible to bring up the project in that way.

In the PM JSP tree-view, the ‘Search’ box becomes the ‘Project’ box when the user clicks on the current project link:

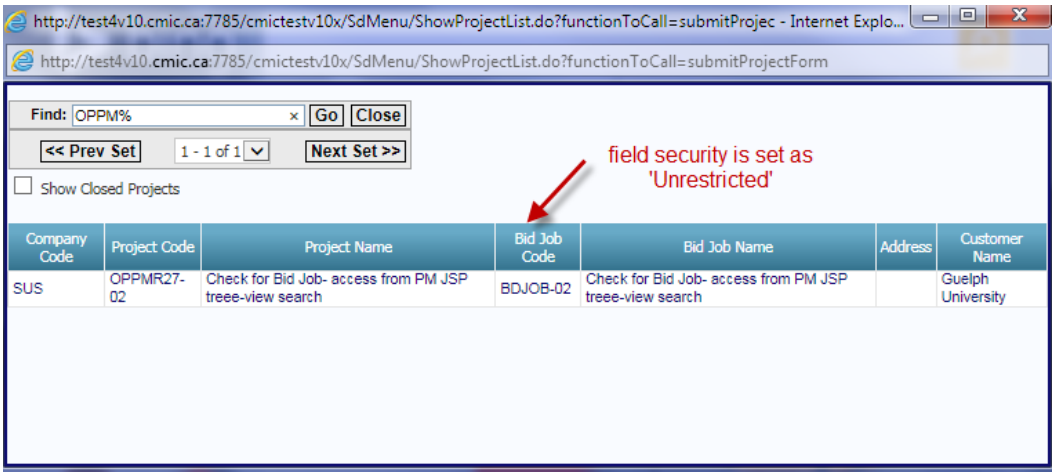

Project Management
Project Management Menu
Search
Go
Project: V10_X project # 1 (JSP) (V10XPROJ1)
Communication Management
Document Management
Subcontractor Prequalification
Bid Management
Budget & Cost Management
Site Management
Reports
User-Defined Logs
File Maintenance
Security
click on the current project so that 'Search' becomes 'Project'

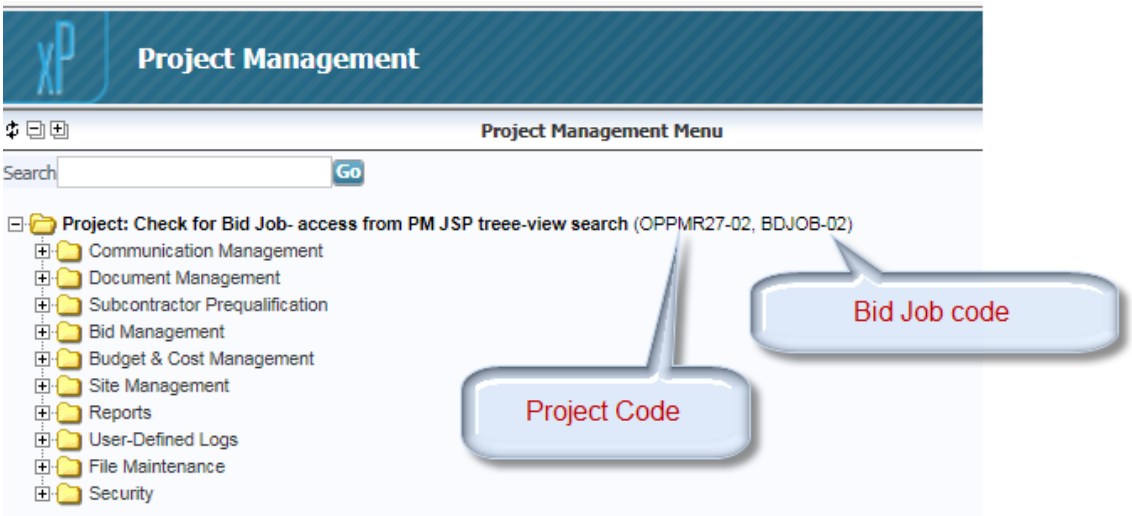

Project Management
Project Management Menu
Project
Submit
Communication Management
Document Management
Subcontractor Prequalification
Bid Management
Budget & Cost Management
Site Management
Reports
User-Defined Logs
File Maintenance
Security
enter the Bid Job Code


Project Management
Project Management Menu
Project
bdjob-02
Submit
Communication Management
Document Management
Subcontractor Prequalification
Bid Management
Budget & Cost Management
Site Management
Reports
User-Defined Logs
File Maintenance
Security
after entering the Bid Job Code, press enter or click 'Submit'

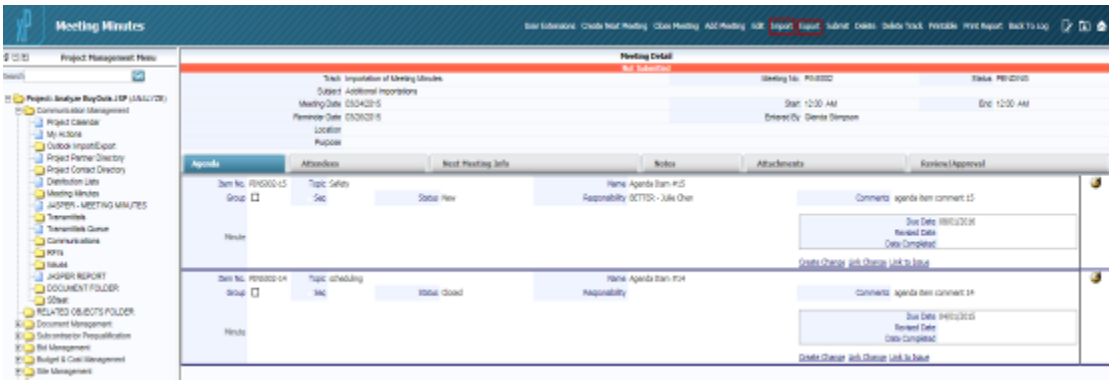


Field security can also be set for the Bid Job in the Project Section LOV, the default setting is 'Hidden'. When the field security is 'Unrestricted' the Bid Job Code is shown in the Project Selection LOV as well as beside the project code in the tree-view:



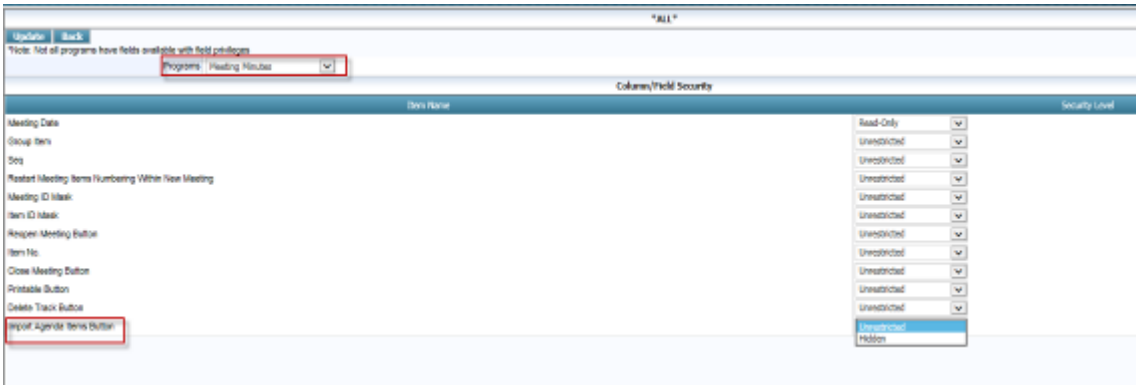


Meeting Minutes Import and Export (14.98620)



Both an [Import] and an [Export] button has been added to the Meeting Minutes screen to allow the importing and exporting of agenda items into the meeting currently being viewed.

Field security can be applied to the Import button. The setting is 'Unrestricted' or 'Hidden':



Importing Agenda Items

Pre-requisite for Importing: Meeting ID and Agenda Item ID's must already be defined.

The import control file layout is:

File name = pmmeetingitem.ctl

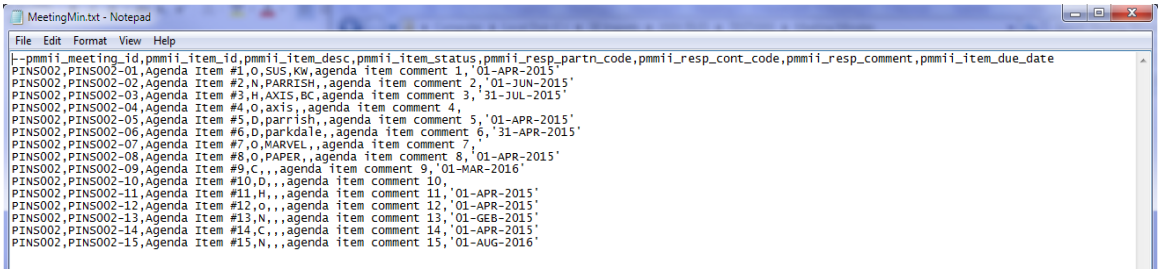
pmmeetingitem.ctl - Notepad

File Edit Format View Help

```
LOAD DATA
APPEND
INTO TABLE DA.PMMEETINGITEMIMPORT
FIELDS TERMINATED BY "," OPTIONALLY ENCLOSED BY '"'
(
  pmmii_meeting_id     ,
  pmmii_item_id        ,
  pmmii_item_desc      ,
  pmmii_item_status    ,
  pmmii_resp_partn_code,
  pmmii_resp_cont_code ,
  pmmii_resp_comment   ,
  pmmii_item_due_date   DATE 'DD-MON-RRRR'
)
```

Field Name	Field Type	
PMMII_MEETING_ID	VARCHAR2(10)	(Meeting ID)
PMMII_ITEM_ID	VARCHAR2(10)	(Agenda Item ID)
PMMII_ITEM_DESC	VARCHAR2(4000)	(Agenda Item Description)
PMMII_ITEM_STATUS	VARCHAR2(1)	(Agenda Item Status)
PMMII_RESP_PARTN_CODE	VARCHAR2(8)	(Responsible Partner/Company Code)
PMMII_RESP_CONT_CODE	VARCHAR2(8)	(Responsible Contact)
PMMII_RESP_COMMENT	VARCHAR2(1000)	(Comment)
PMMII_ITEM_DUE_DATE	DATE	(Agenda Item Due Date)

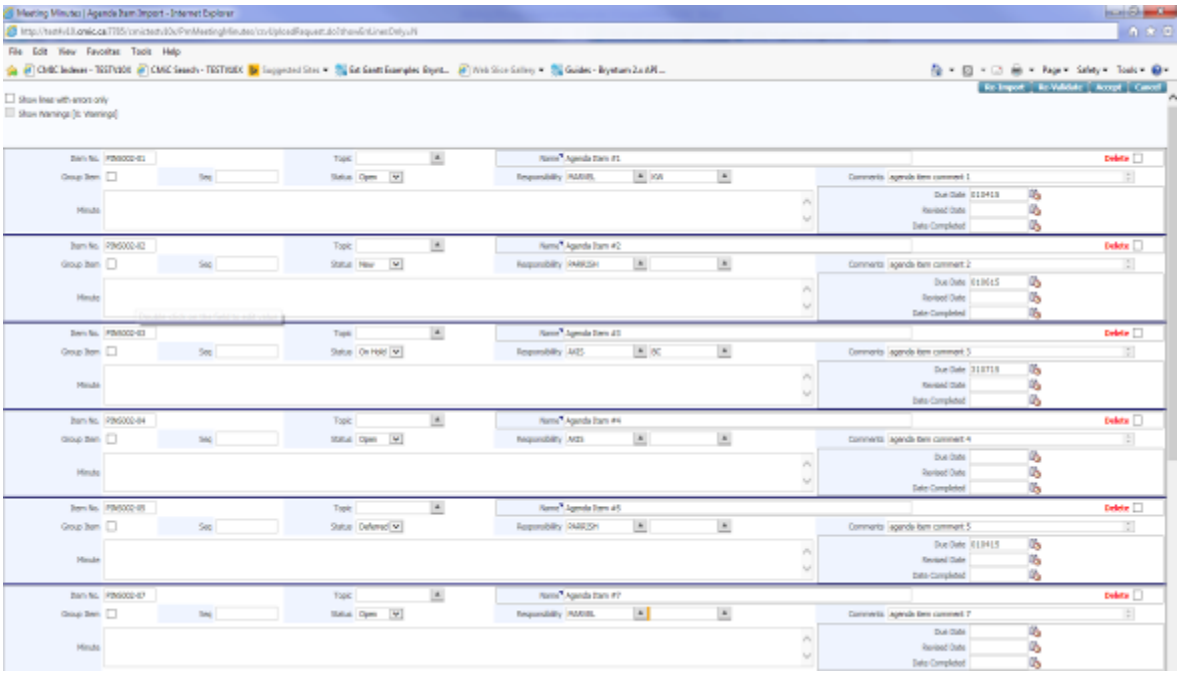
Sample file for import:


MeetingMin.txt - Notepad

File Edit Format View Help

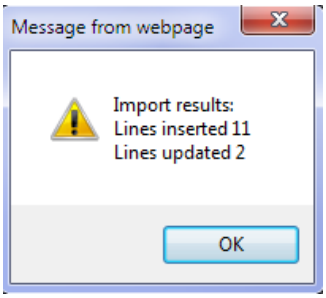
```
--pmmii_meeting_id,pmmii_item_id,pmmii_item_desc,pmmii_item_status,pmmii_resp_partn_code,pmmii_resp_cont_code,pmmii_resp_comment,pmmii_item_due_date
PINS002,PINS002-01,Agenda Item #1,O,SUS,KW,agenda item comment 1,'01-APR-2015'
PINS002,PINS002-02,Agenda Item #2,N,PARRISH,,agenda item comment 2,'01-JUN-2015'
PINS002,PINS002-03,Agenda Item #3,H,AXIS,BC,agenda item comment 3,'31-JUL-2015'
PINS002,PINS002-04,Agenda Item #4,O,axis,,agenda item comment 4,
PINS002,PINS002-05,Agenda Item #5,D,parrish,,agenda item comment 5,'01-APR-2015'
PINS002,PINS002-06,Agenda Item #6,D,parkdale,,agenda item comment 6,'31-APR-2015'
PINS002,PINS002-07,Agenda Item #7,O,MARVEL,,agenda item comment 7,'
PINS002,PINS002-08,Agenda Item #8,O,PAPER,,agenda item comment 8,'01-APR-2015'
PINS002,PINS002-09,Agenda Item #9,C,,,agenda item comment 9,'01-MAR-2016'
PINS002,PINS002-10,Agenda Item #10,D,,,agenda item comment 10,
PINS002,PINS002-11,Agenda Item #11,H,,,agenda item comment 11,'01-APR-2015'
PINS002,PINS002-12,Agenda Item #12,O,,,agenda item comment 12,'01-APR-2015'
PINS002,PINS002-13,Agenda Item #13,N,,,agenda item comment 13,'01-GEB-2015'
PINS002,PINS002-14,Agenda Item #14,C,,,agenda item comment 14,'01-APR-2015'
PINS002,PINS002-15,Agenda Item #15,N,,,agenda item comment 15,'01-AUG-2016'
```

After clicking the [Import] button and selecting the file to be imported, the user clicks the [Upload] button to pull the data into the Import Validation screen:



Any records marked for deletion will be collapsed and later removed after revalidation. Records selected for deletion can be unchecked if the user decides not to remove them.

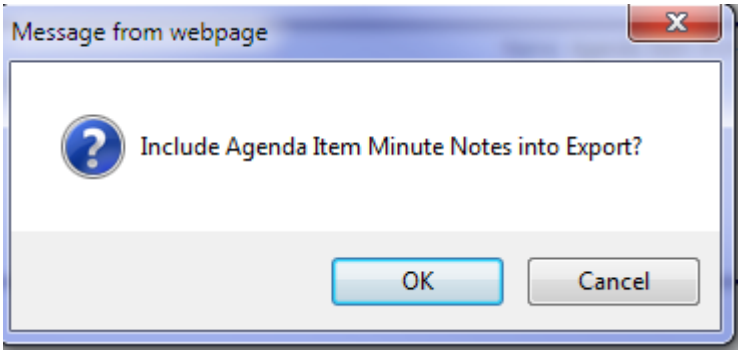
Additional changes can be made here and then revalidated before finally 'Accepting' the import into the Meeting Minutes screen. A notification is sent giving the number of records inserted and updated:



Exporting the Agenda Items

The [Export] button is used to export the agenda items to a spreadsheet.

When the user clicks the button a confirmation message is displayed asking if the Notes are to be included:

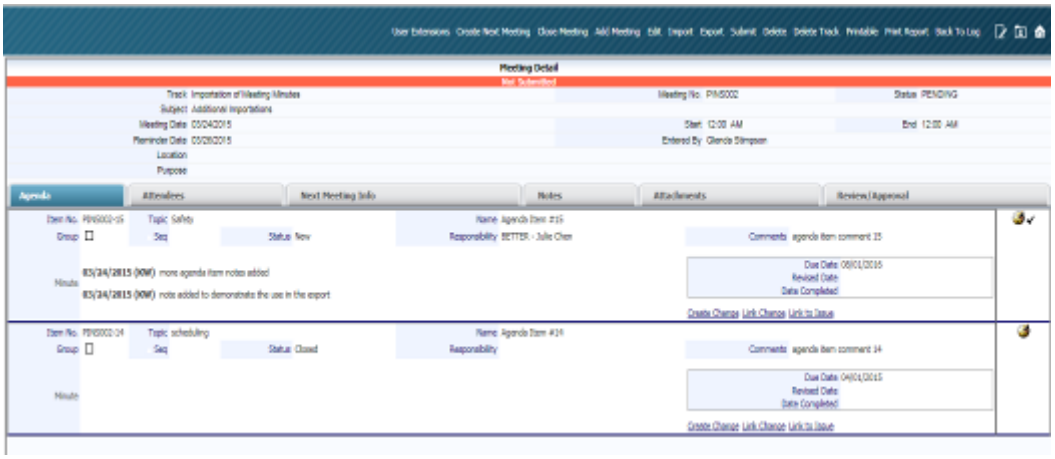


If ‘Cancel’ is selected the export file will be created without the agenda item notes.

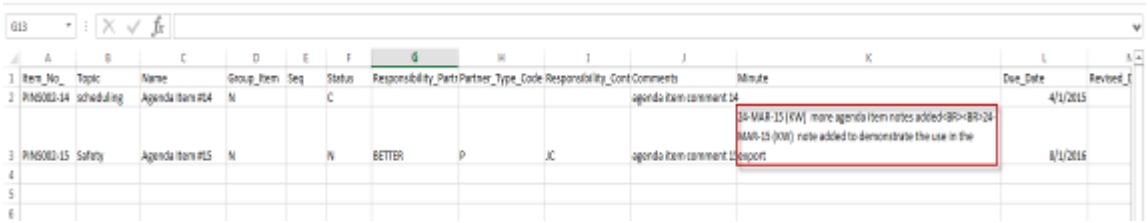
If ‘OK’ is selected the export file will include the agenda item notes (under the ‘Minute’ column) each separated by

:

For example, exporting:



And selecting ‘OK’ will give:



Selecting ‘Cancel’ will give:



Contract Forecast - Field Security for Contract Summary Button (15.02338)

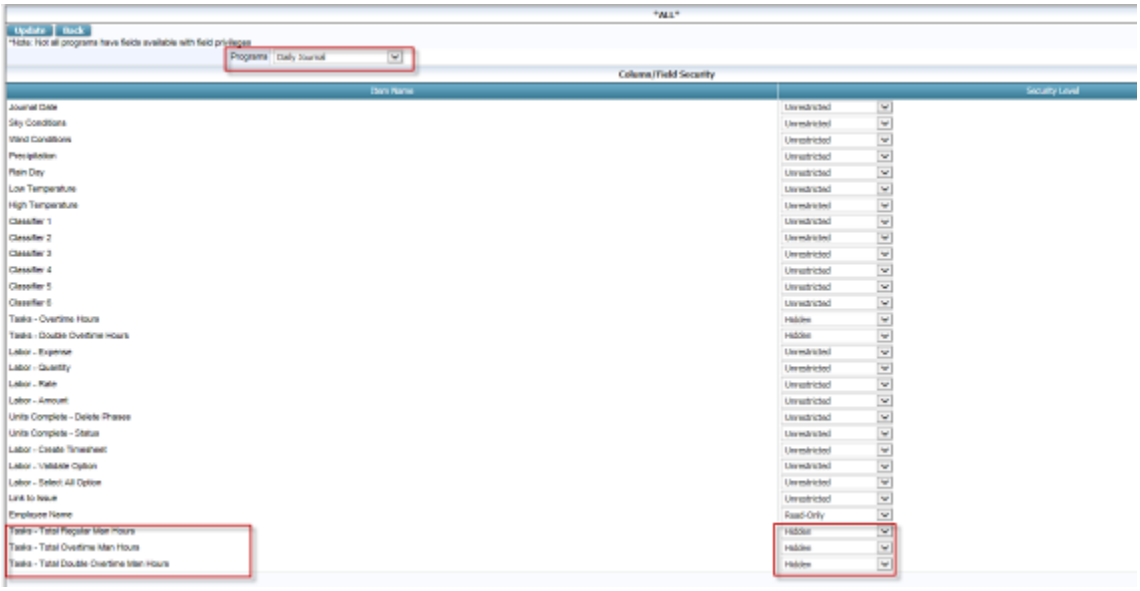
Contract Forecasting with PCI Projections - Added field security for [Contract Summary] button. The possible setting is ‘Unrestricted’ or ‘Hidden’.

Punch List Item Description Code Editable for New Record (14.89016)

Punch List Item Description - Changes have been made to allow users to enter the Description Code when adding a new record. In the initial implementation made in Patch V10-X-016, the Code field was not editable at all.

Daily Journal Task Tab – Additional Man Hours Columns (14.90687)

Added 3 new columns for Total Overtime Man Hours, Total Double Overtime Man Hours and Total Regular Man Hours. These fields have field security with a default setting of 'Hidden' on the *ALL* role.

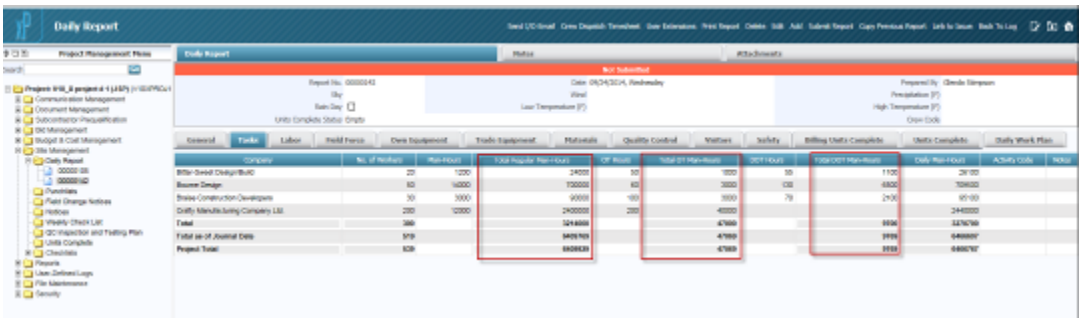


- Total Regular Man-Hours (i.e. No of workers * Regular hours)

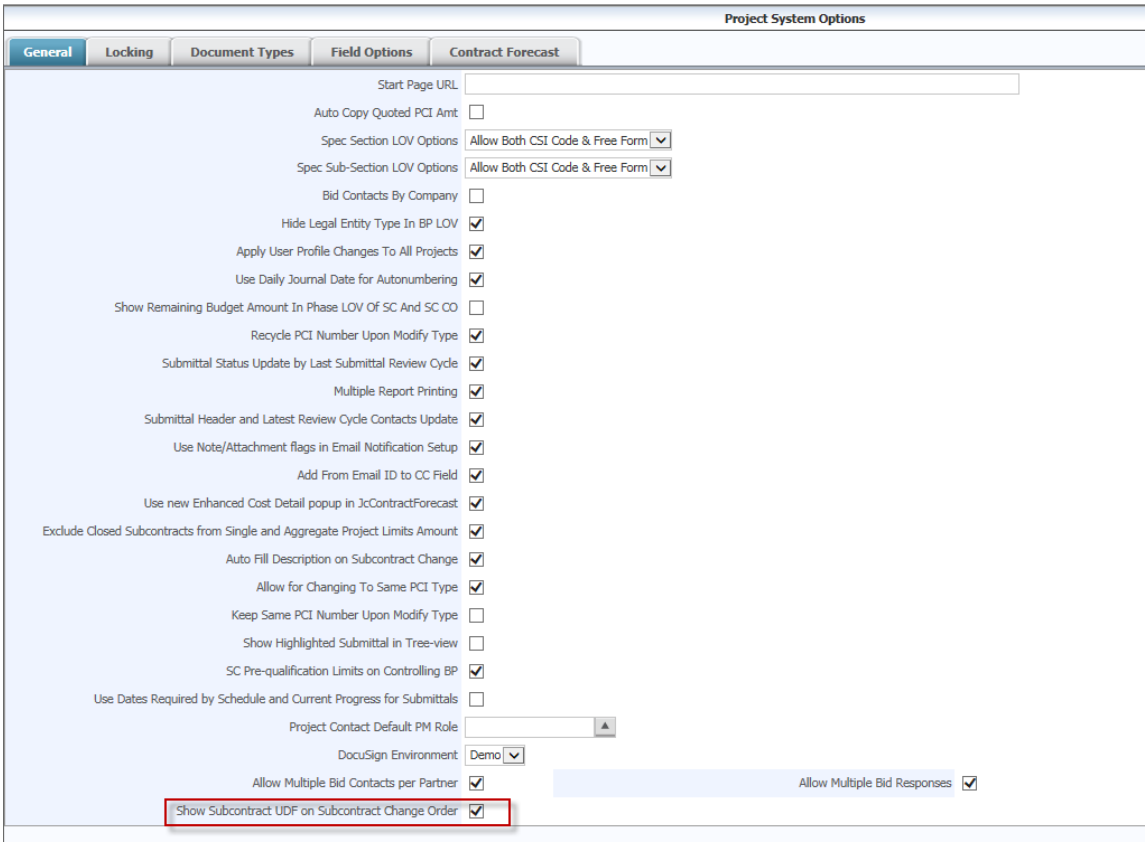
- Total OT hours (No of workers * OT hours)

- Total DOT hours (No of workers * DOT hours)

Totals appear for these columns as they currently appear for other columns.

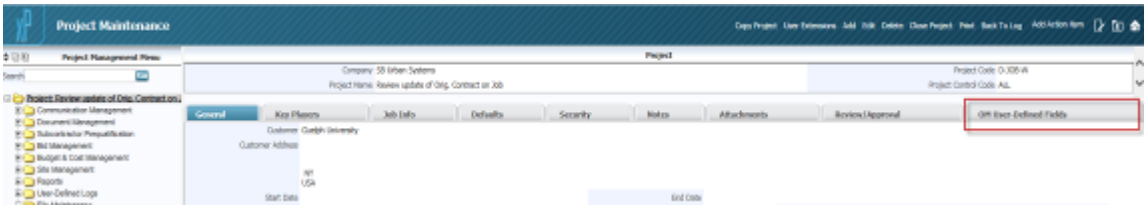


Include Main Subcontract UDF's on SCCO (15.03179)

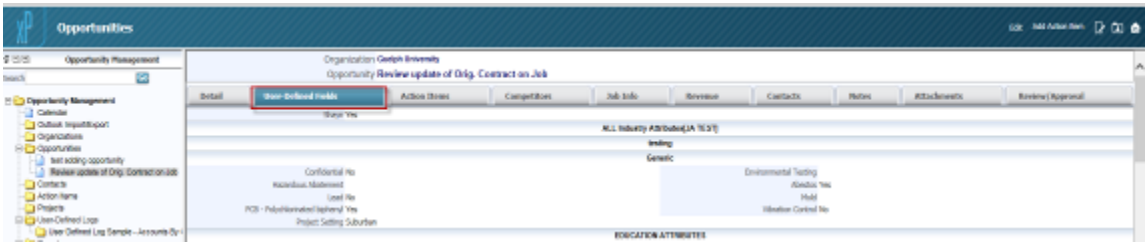


Added a PM Systems Option flag to indicate whether the UDF's from the main subcontract header should be available on any subcontract change orders. By default, the flag is checked (= Yes), preserving previous functionality. When the flag is un-checked, the UDF's from the main subcontract header are not available on any subcontract change orders.

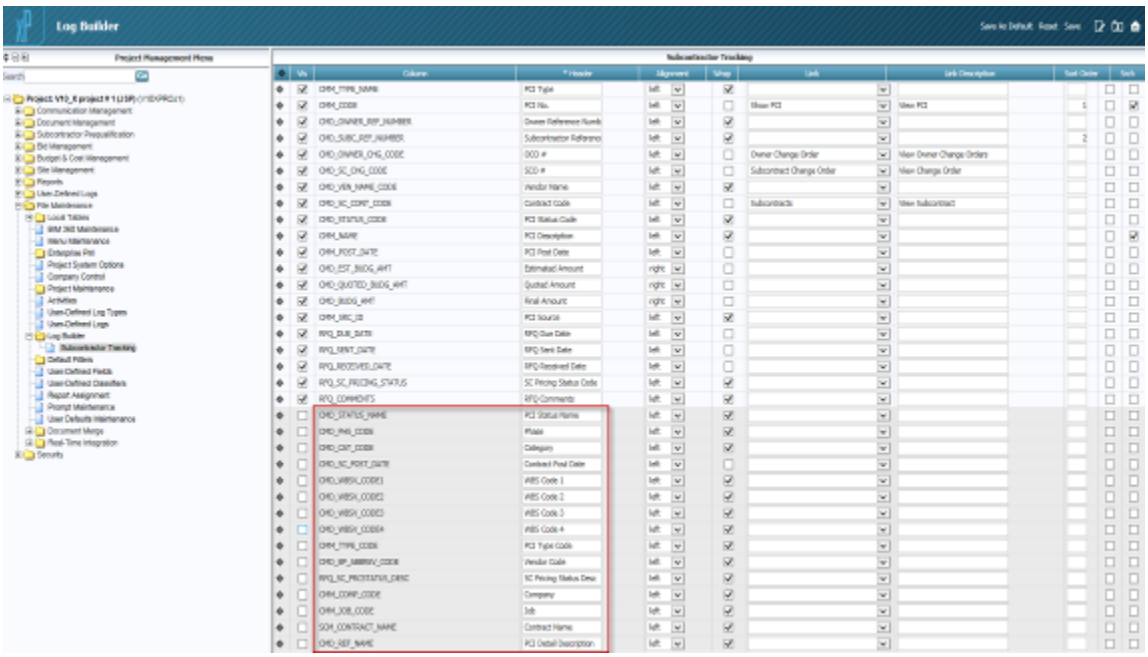
Project Maintenance UDF Tab (14.87675)



Enhancements have been made to include a User Defined Fields (UDF) tab on the Project Maintenance screen. This UDF tab will appear for the project only when the associated Opportunity also has UDF's in its UDF tab:



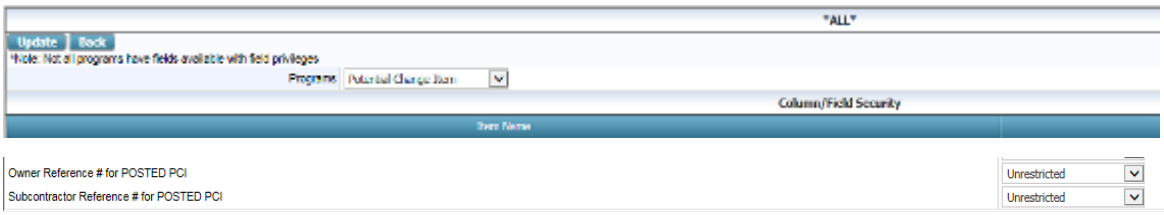
Subcontractor Tracking Log – More Fields Added (14.94076)



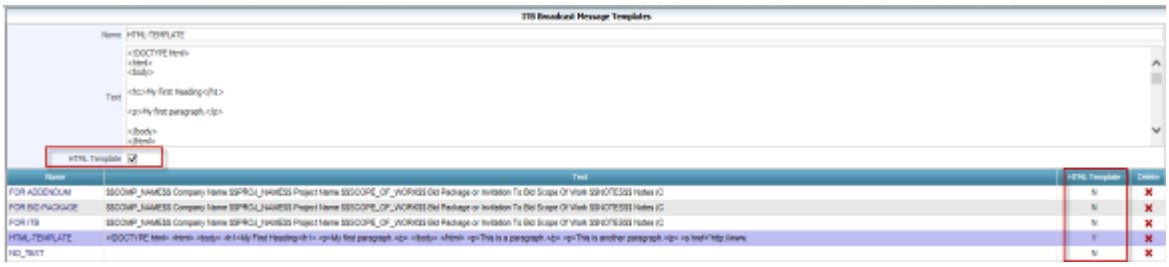
Additional fields have been added to the Subcontract/PCI Tracking Log. These include phase, category, subcontract posting date, status name and WBS codes. The fields are available for use from the Subcontractor Tracking in Log Builder.

Posted PCI Details – Subcontractor and Owner Reference Editable (14.94076)

Changes have been made to allow the Subcontractor Reference # and the Owner Reference # to be editable for a POSTED PCI. This is done using field security:

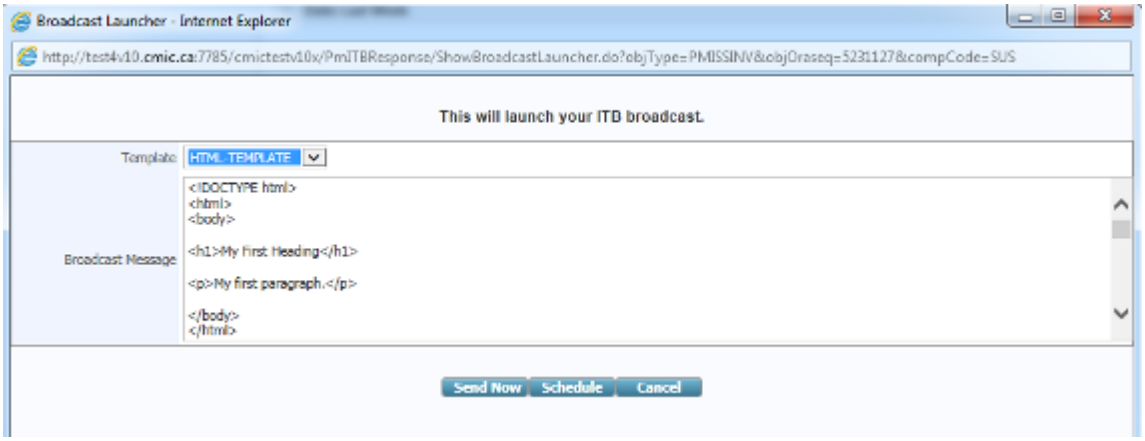


HTML ITB Broadcast Template (15.03840)



Added a flag: 'HTML' to indicate if an ITB Broadcast Template is HTML. When checked, the template will be validated as HTML and interpreted accordingly.

Below is a screenshot showing the HTML template after being pulled in to the ITB Broadcast popup:



HTML interpretation when broadcast is sent:



Mon 15/06/2015 11:48 AM

stephanie@cmic.ca

Analyze BuyOuts JSP - Brian Capstan - Invitation to Bid

To Stephanie Bromfield

My First Heading

My first paragraph.

This is a paragraph.

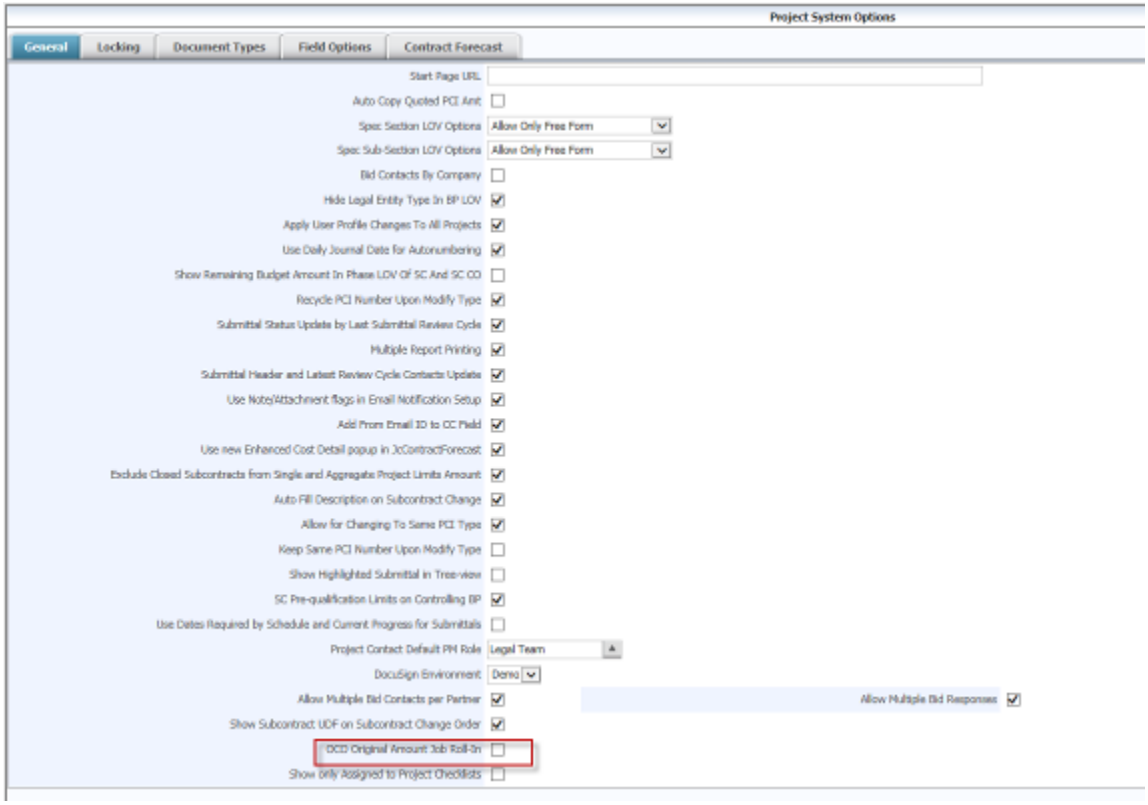
Hide Bid Job Name in Project Selection LOV (14.96980)

Modifications have been made to not show the Bid Job Name field in the Project Selection LOV (was previously implemented in patch V10-X-019).

Vendor Pre-qualification – Freeze Year (Safety and Financial Tabs) (15.03016)

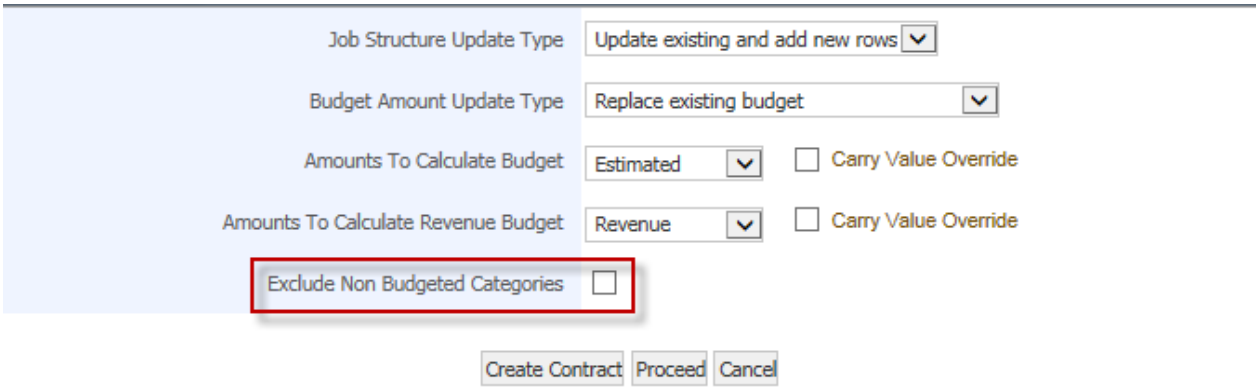
Subcontractor Pre-qualification - A checkbox has been added to the Safety tab and the Financial tab that displays the detailed list of Financial fields. The checkbox is labelled 'Freeze Year'. When checked, fields that were previously editable (mostly the amount fields) are not available for editing for that particular year that is frozen. The ability to see and update this new flag is controlled by a Pre-qual (VPQ) collaboration privilege: '**Freeze Year (on Financial and Safety tabs)**', and applies to Self Service and SC Pre-qual screens. By default the privilege is un-checked.

PM Systems Option - OCO Original Amount Job Roll-In (15.05245)



A checkbox has been added to the PM Systems Option - General tab: "**OCO Original Amount Job Roll-in**", as follow-up enhancement to address the problem whereby some users may want to include the subjobs with the controlling job when considering the Original Contract Amount of Owner Change Orders (regardless of JB Contract), as opposed to showing separate amounts when the subjobs have their own Job Billing contract. By default, the checkbox is un-checked, to reflect the latter case, which is the default functionality.

Bid Items – Non-Budget Categories (Update Budget) (14.97469)



In the Update Budget popup window a flag has been added to indicate if bid items with non-budget categories should be excluded when updating the budget. By default the flag is un-checked to maintain previous functionality. When checked, bid items with non-budget categories will be excluded when the budget is being updated by [Update Budget].

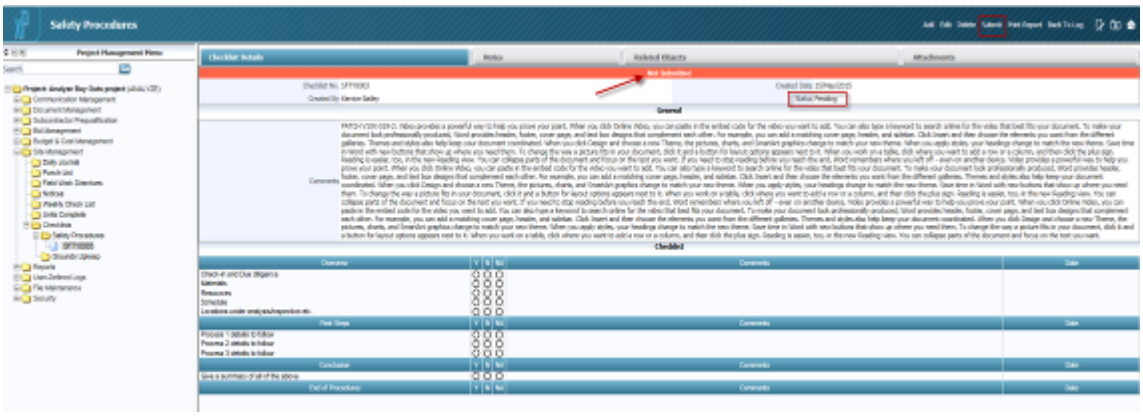
Field Security For More PCI Header Dates (15.02855)

Field security can now be applied to the 'Date Change Signed By Owner' and 'Date Change Sent to Owner' fields in the header section. The possible setting is Unrestricted/Read-only/Hidden.

Field Security – Subcontract /SCCO Executed Date (15.04520)

Subcontract/Subcontract Change Order - field security can now be applied to the Executed Date. The possible setting is Unrestricted/Read-only/Hidden.

Related Objects Tab and Locking Checklists (14.98621)



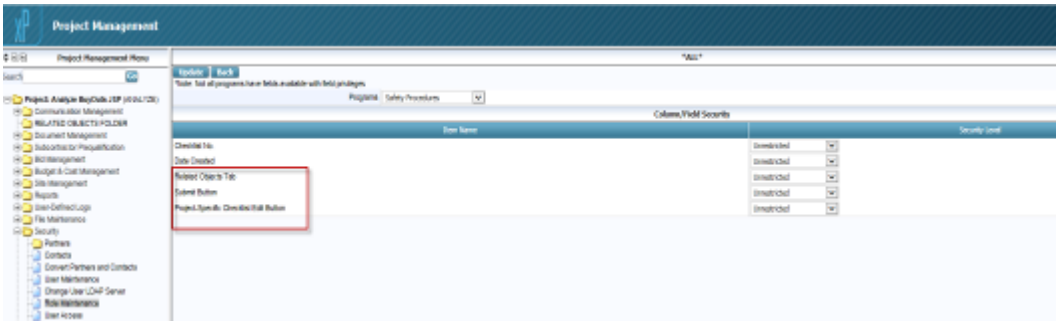
The following enhancements have been made to Checklists:

a) Addition of a **Related Objects** tab to allow checklists to be linked to other PM objects.



Field security can be applied to the Related Objects tab.

Example:



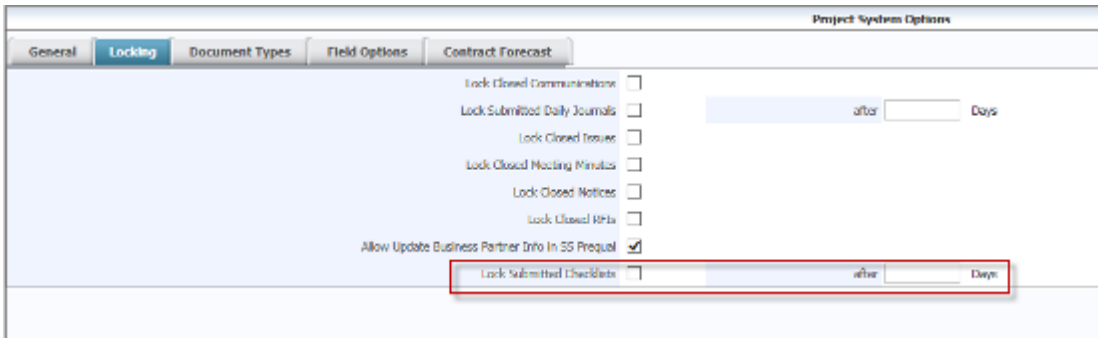
b) Addition of **Checklist Status** bar/status field to show un-submitted/submitted checklist

c) Addition of a **[Submit]** button to allow users to submit Checklist (see first screen-shot).

When a Checklist is submitted, the Status changes from 'Pending' to 'Submitted'.

Field security can be applied to the Submit button on any defined Checklist type.

d) Ability to '**lock**' Checklists similar to how Daily Journals can be locked. The locking setup is defined in the 'Locking' tab of PM Systems Options:

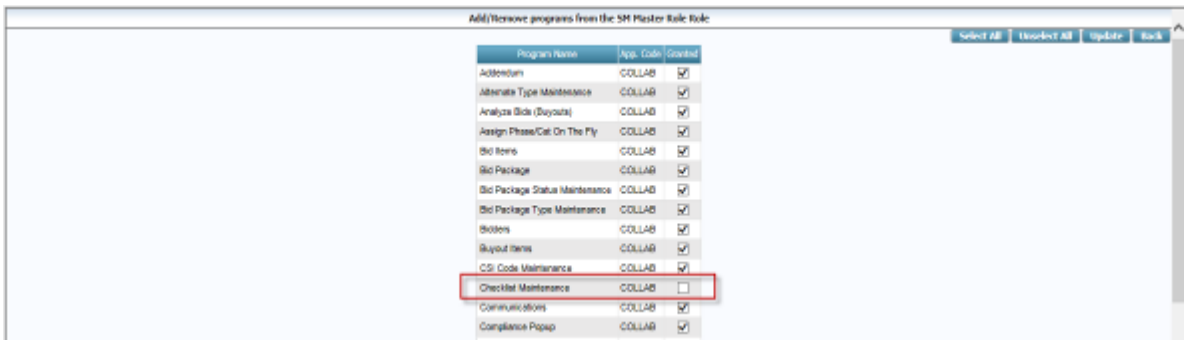


Only users with the 'Admin' flag set to 'Yes' (checked) on their collaboration security role can edit a locked checklist (similar functionality to locked Daily Journals).

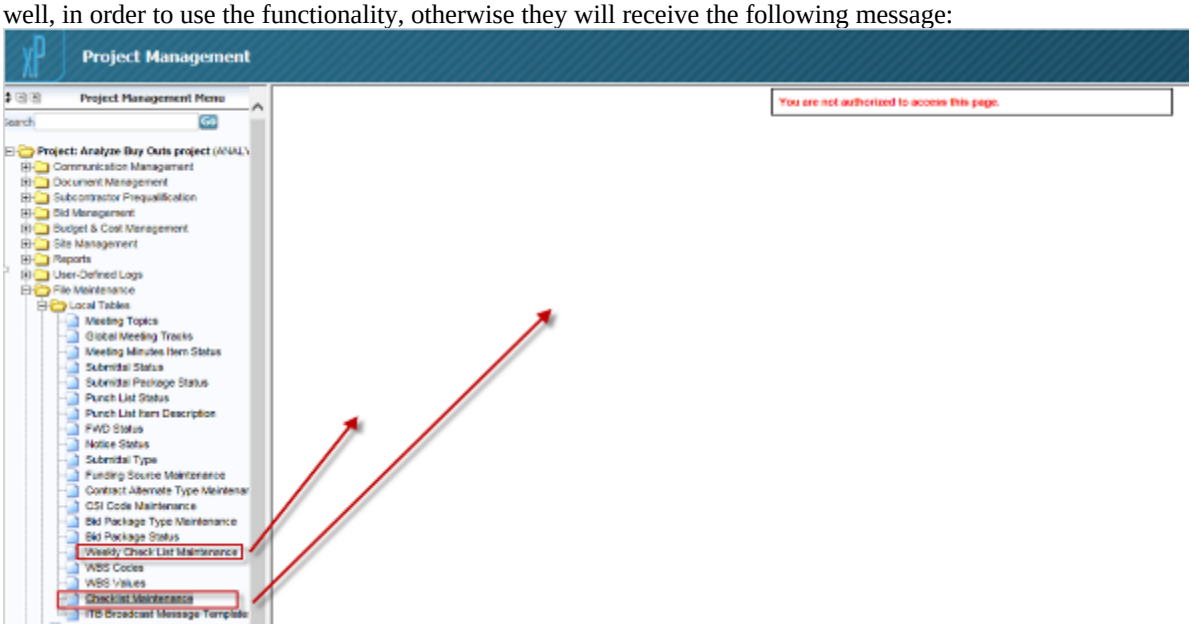
Project-Specific Checklists (15.01542)

The following additional enhancements have been made to Checklists:

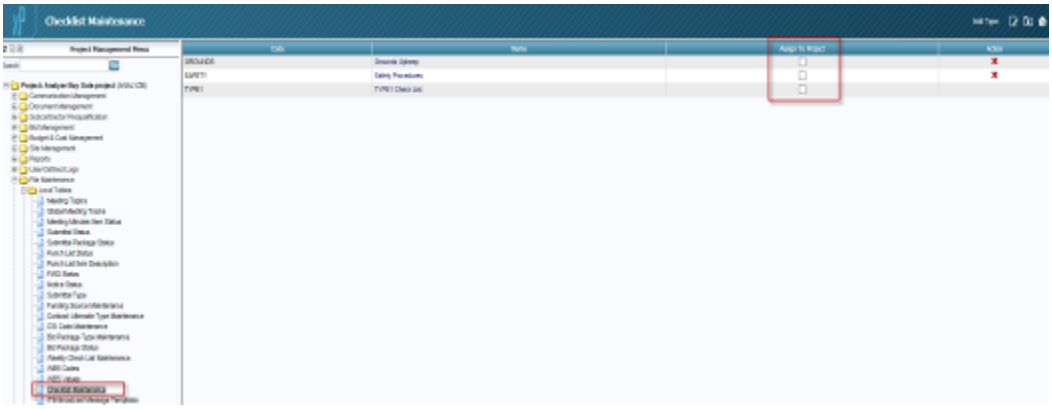
a) CHECKLIST MAINTENANCE/WEEKLY CHECKLIST MAINTENANCE PROGRAM:
To accommodate some of the changes outlined below it was necessary to have a Checklist Maintenance **program** in addition to the previously implemented Checklist Maintenance **menu item**.

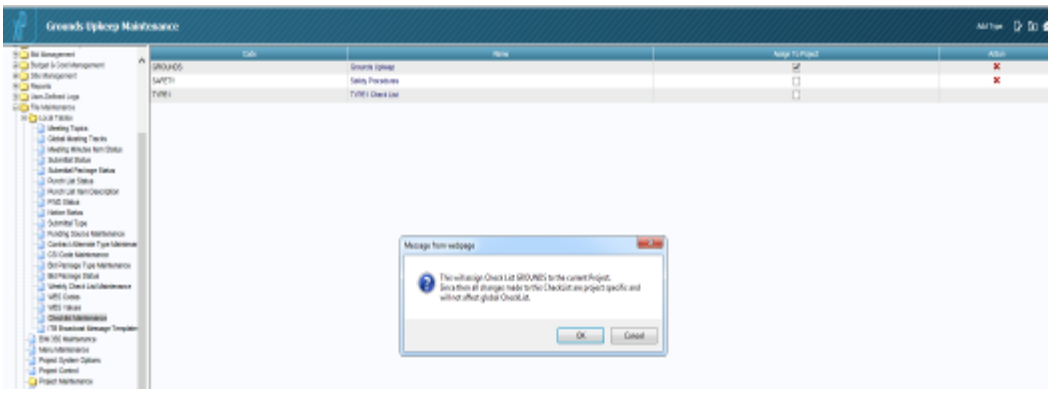


Users who were previously assigned security access to the **Checklist Maintenance and/or the Weekly Checklist Maintenance menu item** will need to be given access to the **Checklist Maintenance <u>program</u>** as well, in order to use the functionality, otherwise they will receive the following message:



b) Added the ability to 'assign' checklists to a project, thereby having **project-specific checklists**, in addition to system-level checklists (original functionality). This is done using the checkbox ‘Assign to Project’:

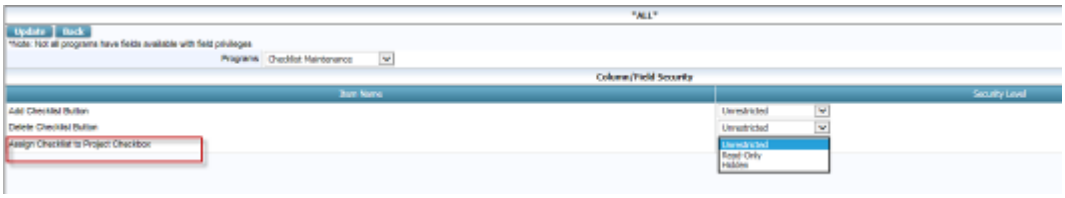




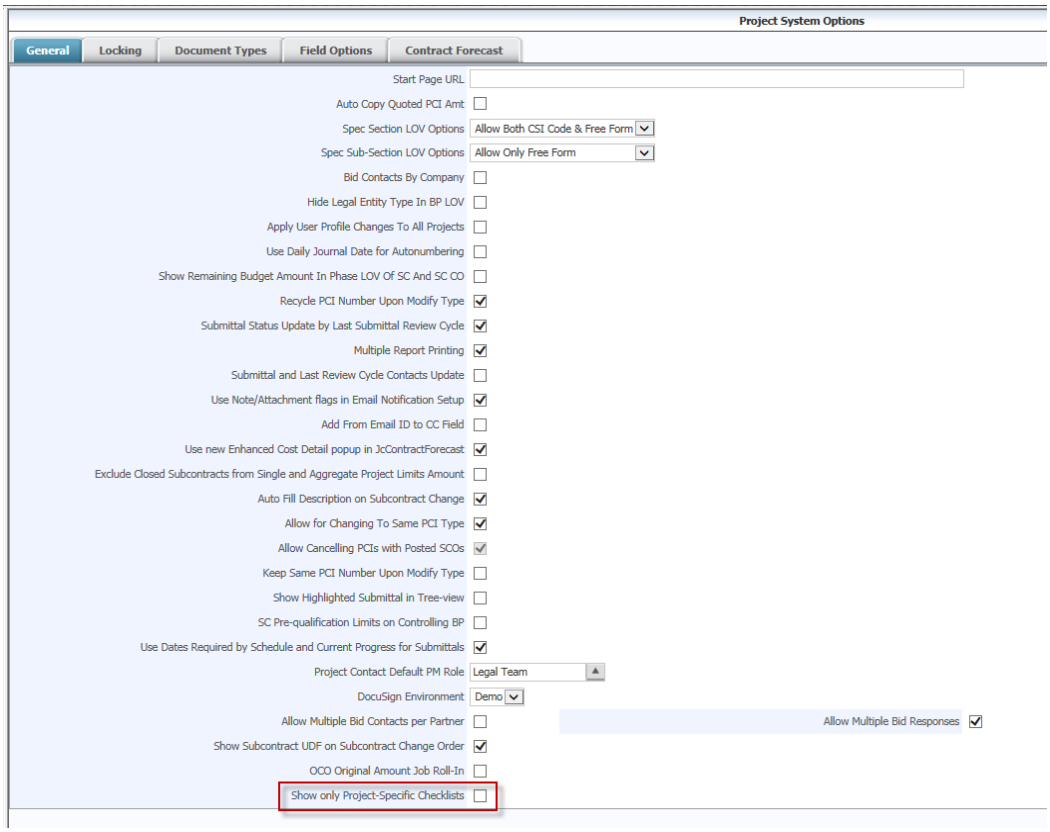
When the assignment is carried out, the words ‘Project-Specific’ are appended to the checklist name:



Field security can be applied to the ‘Assign to Project’ checkbox:



c) Added a PM Systems Options flag (**Show Only Project-Specific Checklists**) that allows users to see only project-specific Checklists on the tree-view menu:

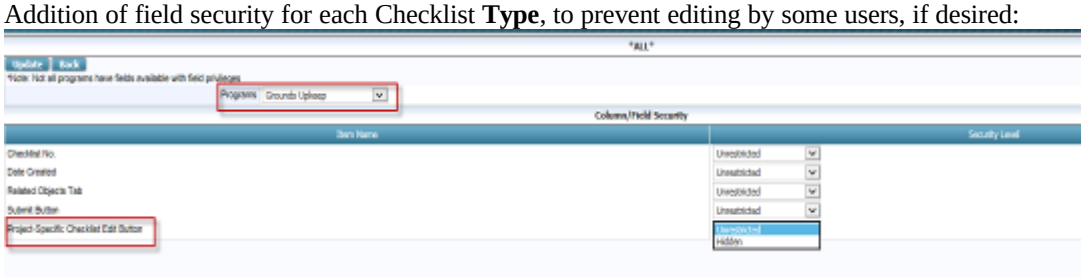


The user has to refresh the tree-view menu in order to see changes when assigning/unassigning Checklists to/from the project.

d) Project-specific checklists are based on the same mask ID as the non-project-specific checklists.

e) Project-specific checklists are only available for use on the treeview menu of the **current project**.

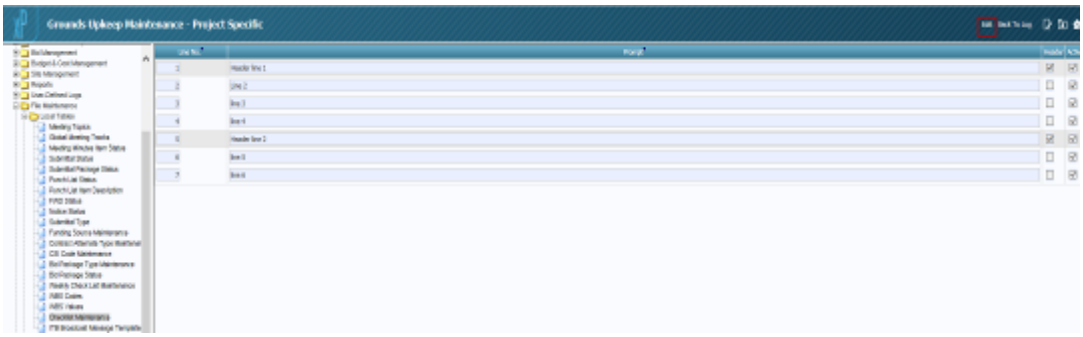
f) Addition of field security for each Checklist **Type**, to prevent editing by some users, if desired:



Example:

Defined checklist type = Grounds Upkeep

Prior to applying field security to the EDIT button, it is visible:



After applying field security the EDIT button is not visible:

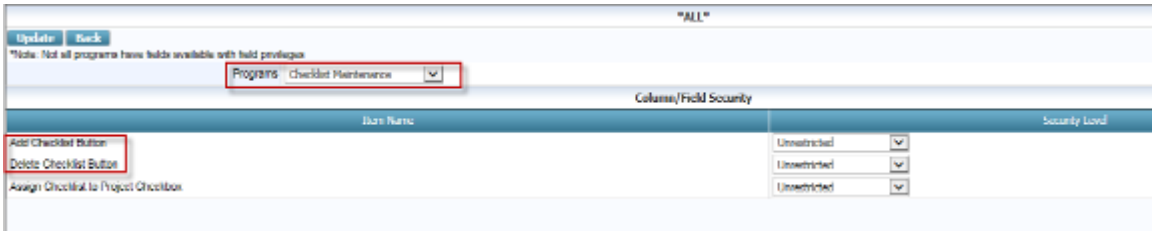


IMPORTANT NOTE:

Once Checklist records are created for a particular Checklist Type, if the field security on the EDIT button in the Checklist is changed to 'Hidden', it cannot be changed back to being visible unless **all** the checklist records under that checklist type are first deleted.

The 'Assigned to Project' checkbox is also disabled from update. These precautions prevent any updating of the checklist type layout while records already exist for that type, thereby preventing data inconsistency errors.

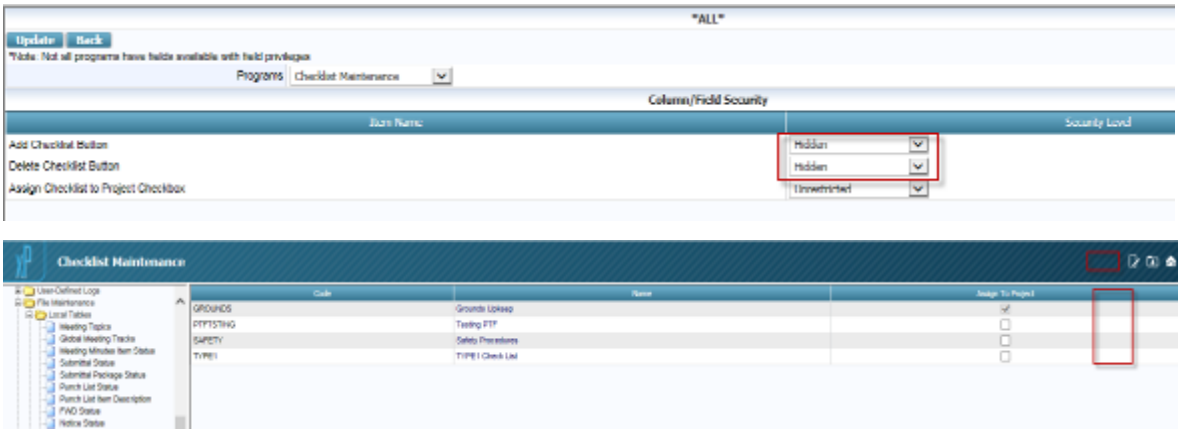
g) Field security can also be applied to the 'Add Type' and Delete icon on the Checklist Maintenance screen:



BEFORE:



AFTER:



Bid Package/Bidders – Field Security on some fields (15.05475)

Bid Package/Bidders - field security can now be set for the following fields in the Bidders tab and the Bidders Log: Prequal Applicant, Plans/Specs Received, Prequal Status, Approval Status; also the Send flag in Bid Package- Bidders.

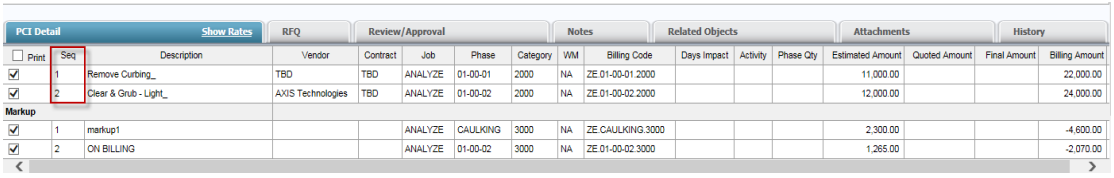
Enter Bid – Field Security for 'Quote Summary' tab (15.04909)

The field security can now be applied for 'Quote Summary' tab in 'Enter Bid' application. Available options are 'Hidden' and 'Unrestricted' (default).

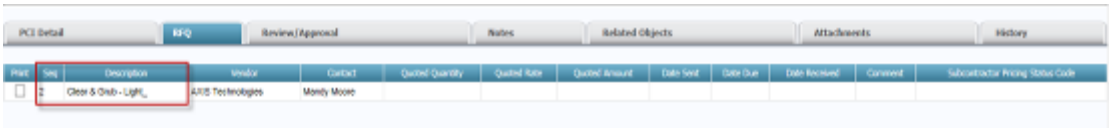
PCI Entry Sequence (14.95959)

The new column 'Seq' (Entry Sequence/entry of record) has been added to the PCI Details. It is read-only and is used to associate PCI detail records with the corresponding lines in the RFQ tab.

The 'Seq' field is positioned just before the PCI Description field regardless of the PM Control – Change Management flag 'Show PCI Detail Description As The First Column'. It is displayed both in Edit and View modes.



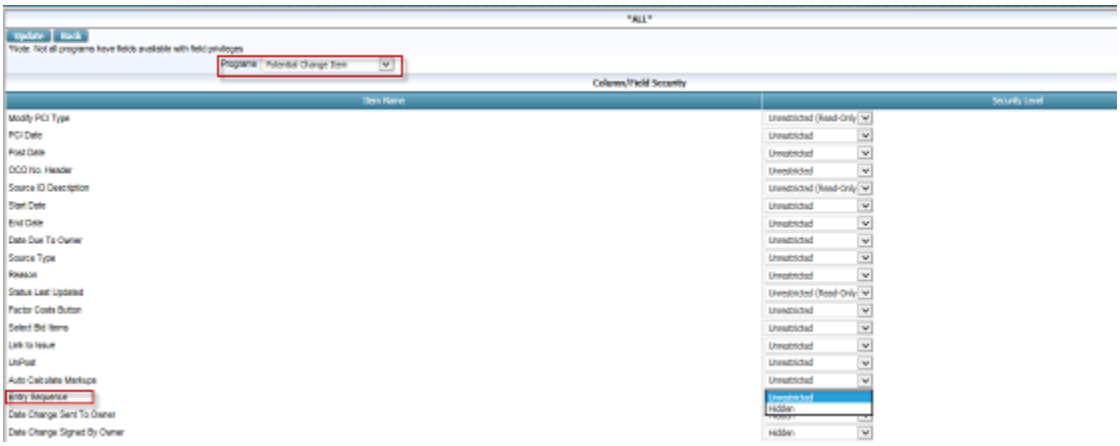
The PCI Description field has also been added to the RFQ tab.



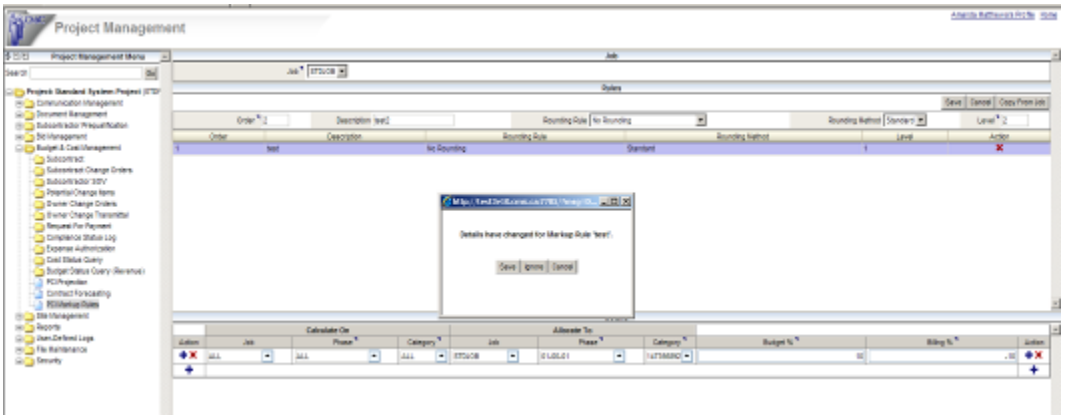
NOTE:

A separate sequence is maintained for markup lines on the PCI Detail tab.

Field security can be applied to this field. The possible setting is ‘Unrestricted’ or ‘Hidden’.



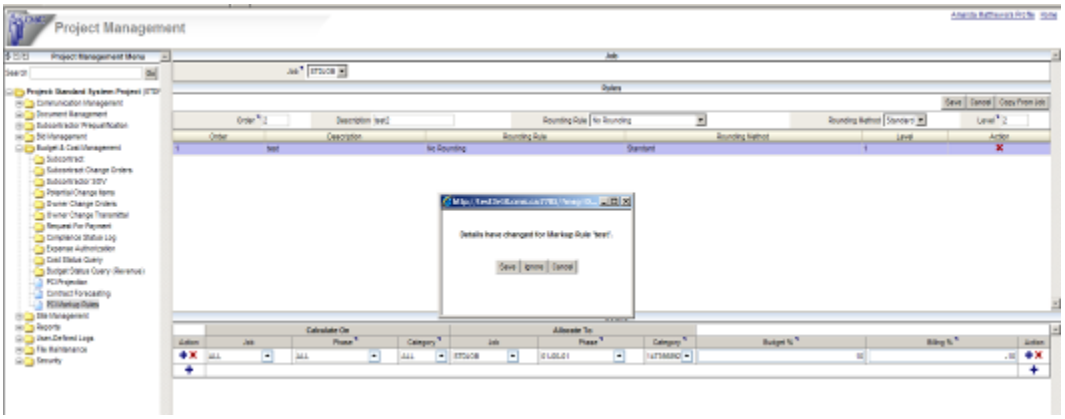
PCI Markup Rule – Confirmation of Changes Made (11.62932)



Modified PCI Markup Rules to open a confirmation popup when markup detail(s) have changed and before explicitly saving, and user then clicks on a different markup rule.

- **Save** = save the changes and then proceed to the user selection
- **Ignore** = do not save the changes and load the markup rule the user selected
- **Cancel** = cancel the action (remain on the current line)

PCI Markup Rule – Confirmation of Changes Made (11.62932)



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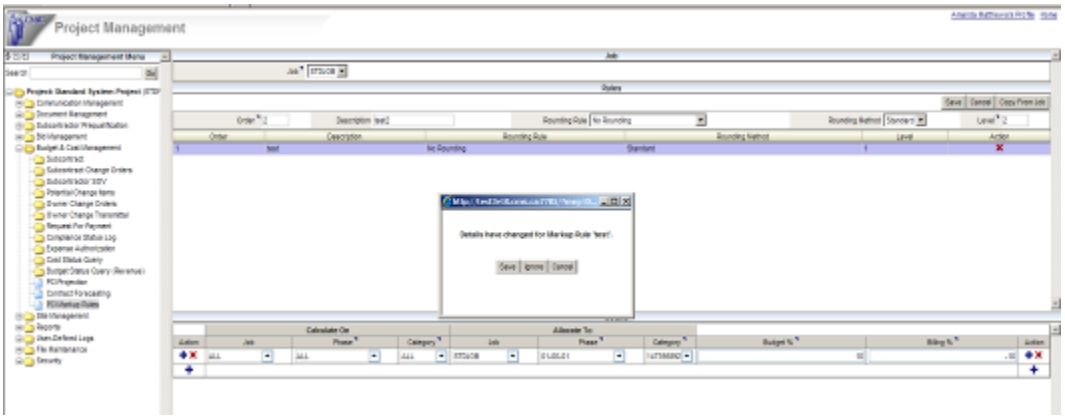

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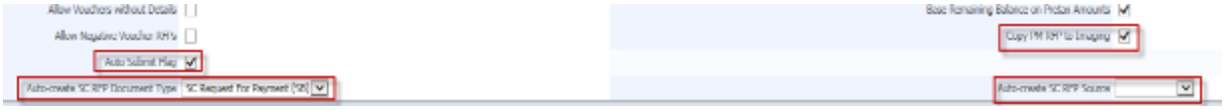
- **Save** = save the changes and then proceed to the user selection
- **Ignore** = do not save the changes and load the markup rule the user selected
- **Cancel** = cancel the action (remain on the current line)

Copy PM RFP to Imaging (16.23024)

Modifications have been made to allow a Request For Payment from PM JSP to be copied to Imaging along with **one** of any attachments, via the SUBMIT button on the RFP screen.

For this to happen the following setup is required:

1. The WORKFLOW button in PM JSP RFP should be disabled if this feature is to be used.
2. In the Imaging Controls screen, four fields are available for use for this feature:



Copy PM RFP to Imaging	- to indicate to the system that this feature is enabled when this flag is checked
Auto Submit Flag	- this flag works in tandem with the 'Copy PM RFP to Imaging' flag. If the Copy flag is checked and this 'Auto Submit Flag' is also checked, the Image will automatically be submitted for workflow, and will automatically launch any active workflow that is linked to the Document Type specified. If the 'Auto Submit Flag' is un-checked, the workflow associated with the Document Type will not be automatically launched. The default setting is 'un-checked'.
Auto-create SC RFP Document Type **(Imaging Doc. Type)**	- select the Imaging Document Type that is to be used for the RFP copy
Auto-create SC RFP Source **(Imaging Source)**	- this LOV will display value(s) based on the Imaging Document Type that is selected.

Feature Notes

- RFPs are entered in PM JSP, and the related document(s) added as attachment(s).
- Submitting the RFP results in copying it and the attachment to the Imaging system. If there is more than one attachment, the first one (based on oraseq) is copied to Imaging.
- The RFP will enter Imaging in the Un-submitted state, which means it can be edited in Imaging.
- In PM JSP, the RFP will have a SUBMITTED status and will not be editable, neither will it be able to be posted.
- In PM JSP, the 'In Workflow' banner will also display if there is an active workflow associated with the Document Type that is selected for this feature. The banner will only show if the record in Imaging has a 'Pending' status. Otherwise, in PM JSP, the user will see what has happened by checking the Review/Approval section of the RFP. The user can edit the invoice in Imaging to make corrections, if the status is not 'Pending'.

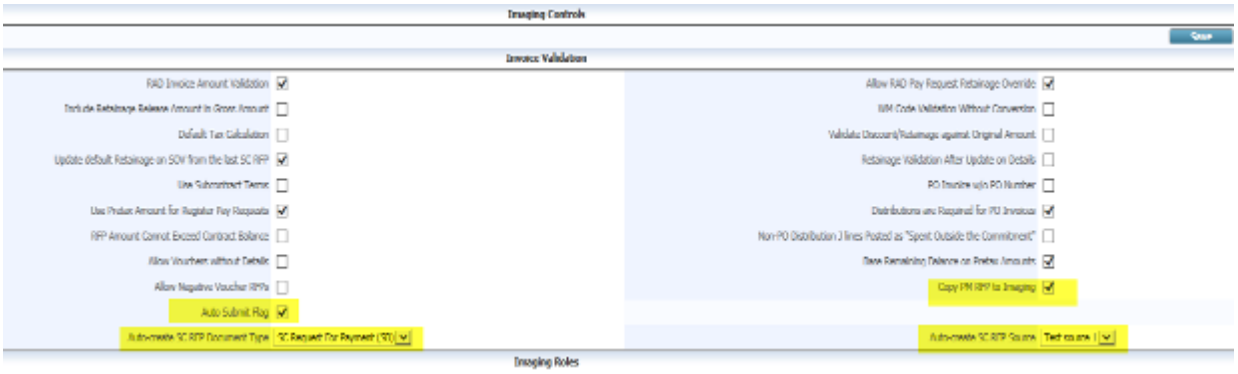
- If the RFP does not have any attachments when it is SUBMITTED, a dummy document record will be created and associated with the invoice. The document will be labelled '**no_image_available**' in the Image Manager screen.
- Once the Approval process is complete, the RFP in PM JSP will become postable, i.e. the [**Post**] button will be enabled.

Two examples are outlined below, with supporting screenshots.

COPY RFP to IMAGING feature is in use; standard WORKFLOW feature is not in use (i.e. the WORKFLOW privilege in PM JSP is turned OFF for the user)

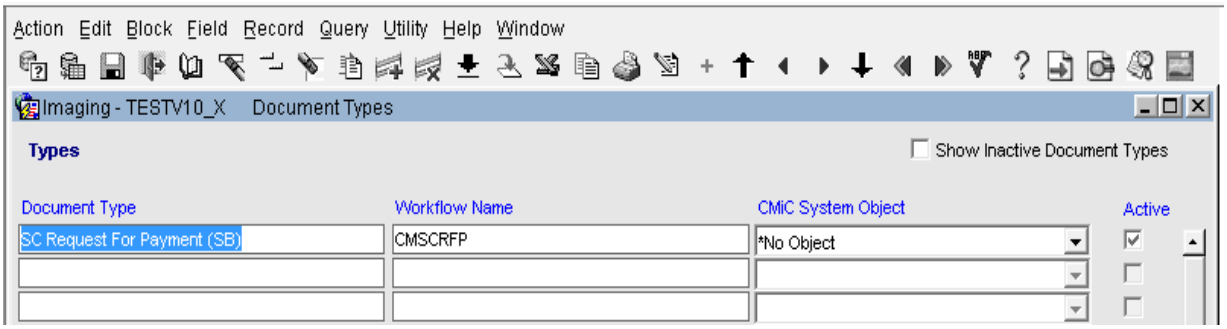
EXAMPLES

a) Setup – Imaging Control



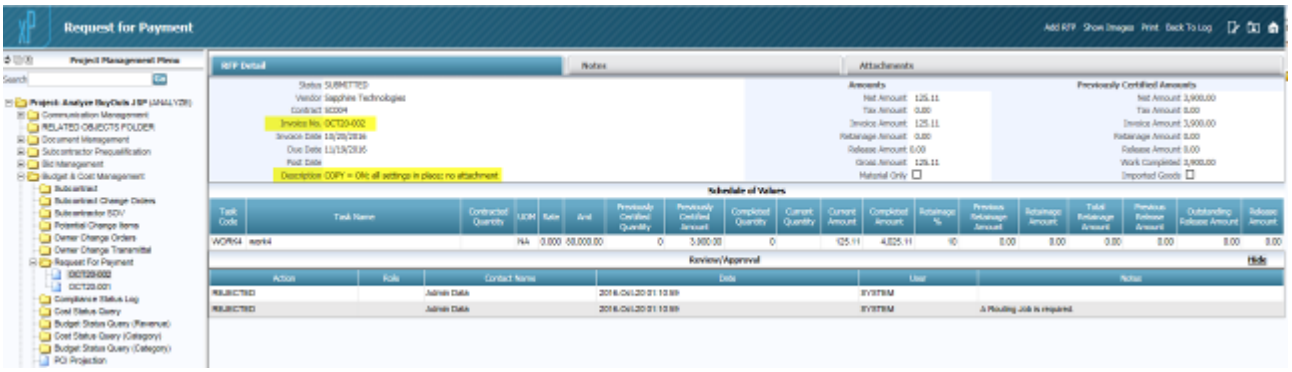
b) Setup – Document Type and associated workflow

This is the active workflow that has been associated with the Document Type being used for testing this feature in the example below:



EXAMPLE 1 – SUBMITTING RFP with NO ATTACHMENT (Complete process demo - from Submit to Posting)

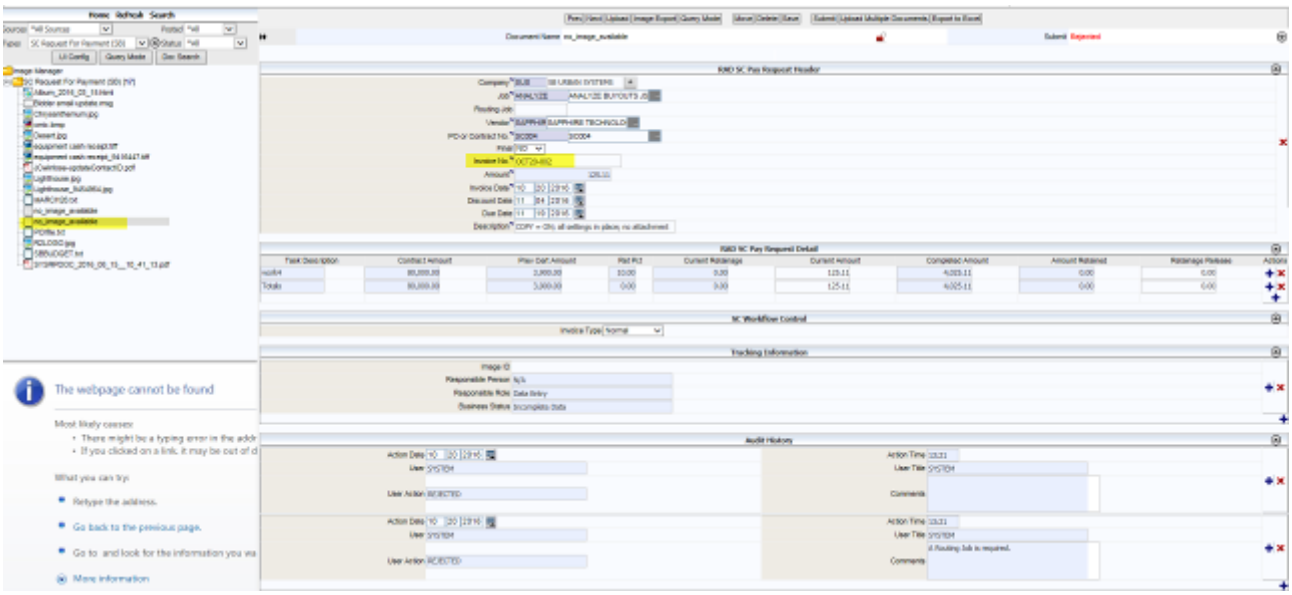
The RFP below has been SUBMITTED in PM JSP with no documents attached to it.



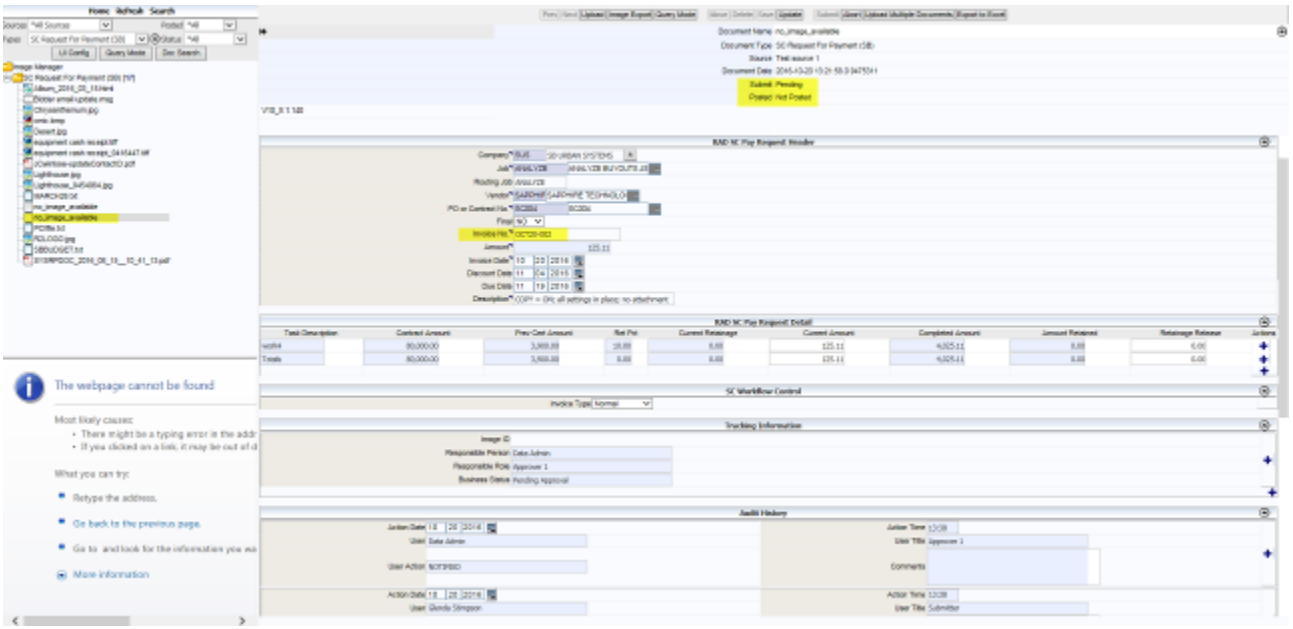
In this example, the invoice is rejected by Imaging, because of errors. The user is 'informed' by the lines in the Review/Approval section of the RFP. No 'In Workflow' banner is displayed because of the failure.

In addition, because no documents were attached to the invoice, a dummy document record labelled '**no_image_available**' has been created for the invoice.

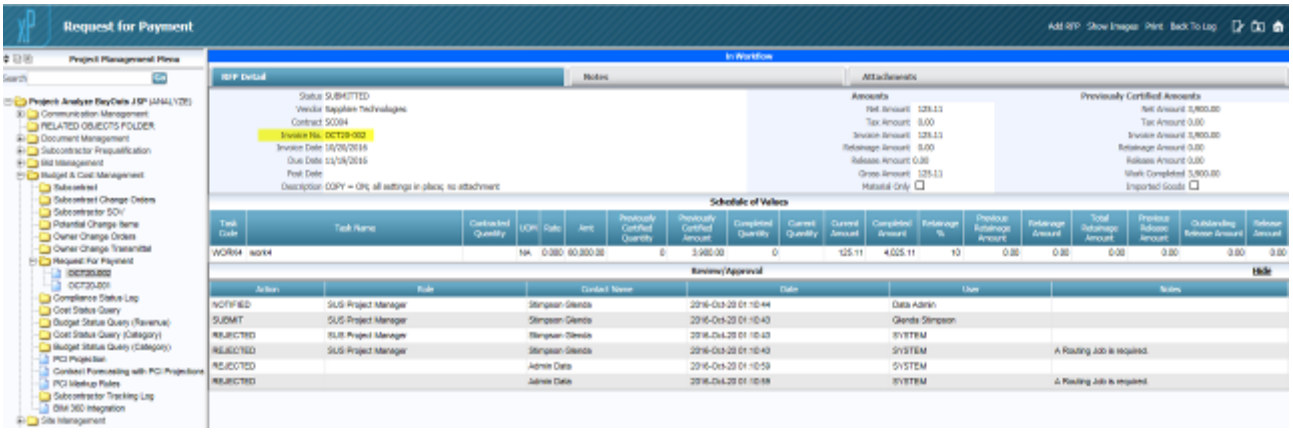
Observe also that the 'no_image_available' document is listed under the Document Type that was set up in the Imaging Control screen, and the invoice is associated with it:



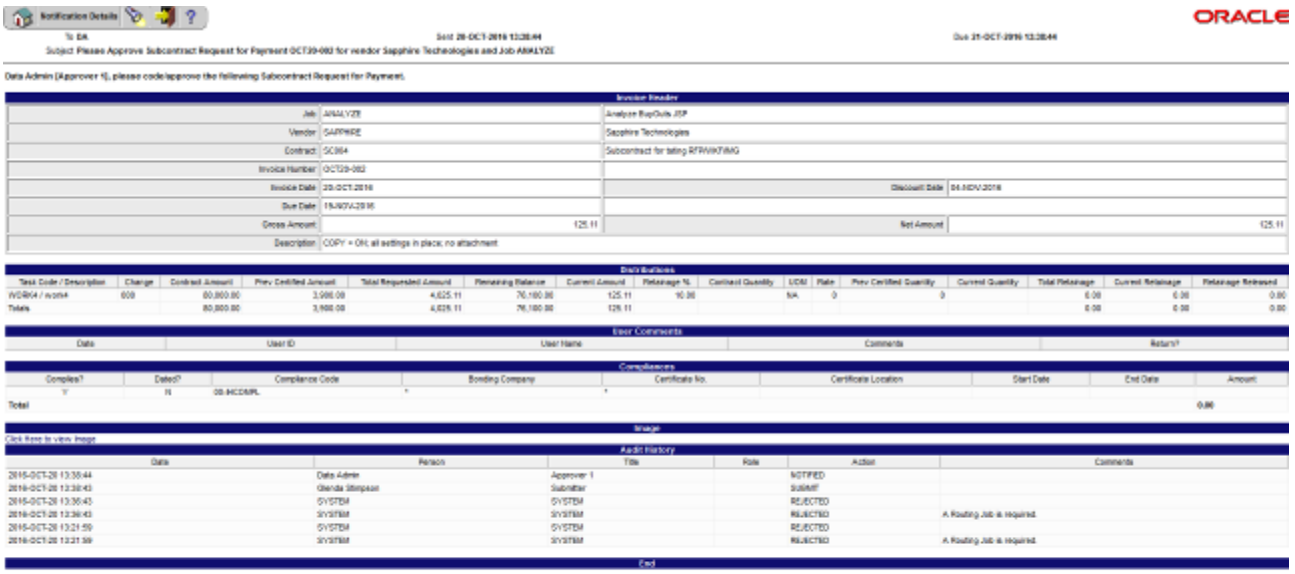
Any necessary corrections are made to the invoice in Image Manager and it is submitted from there. The status is updated to '**Pending**':

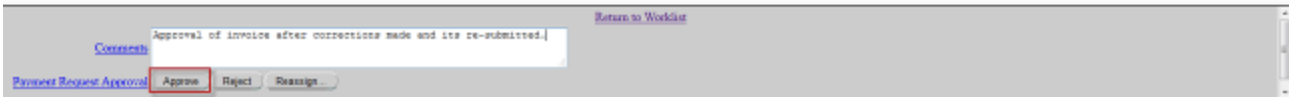


The RFP is now updated with the '**In Workflow**' banner:

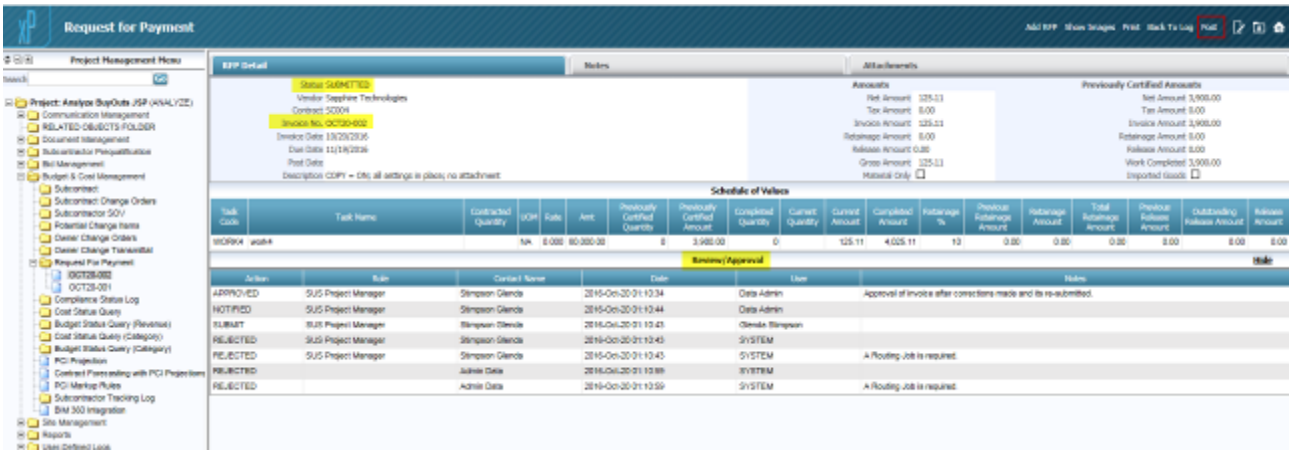


The appropriate Approver approves the invoice via Workflow:

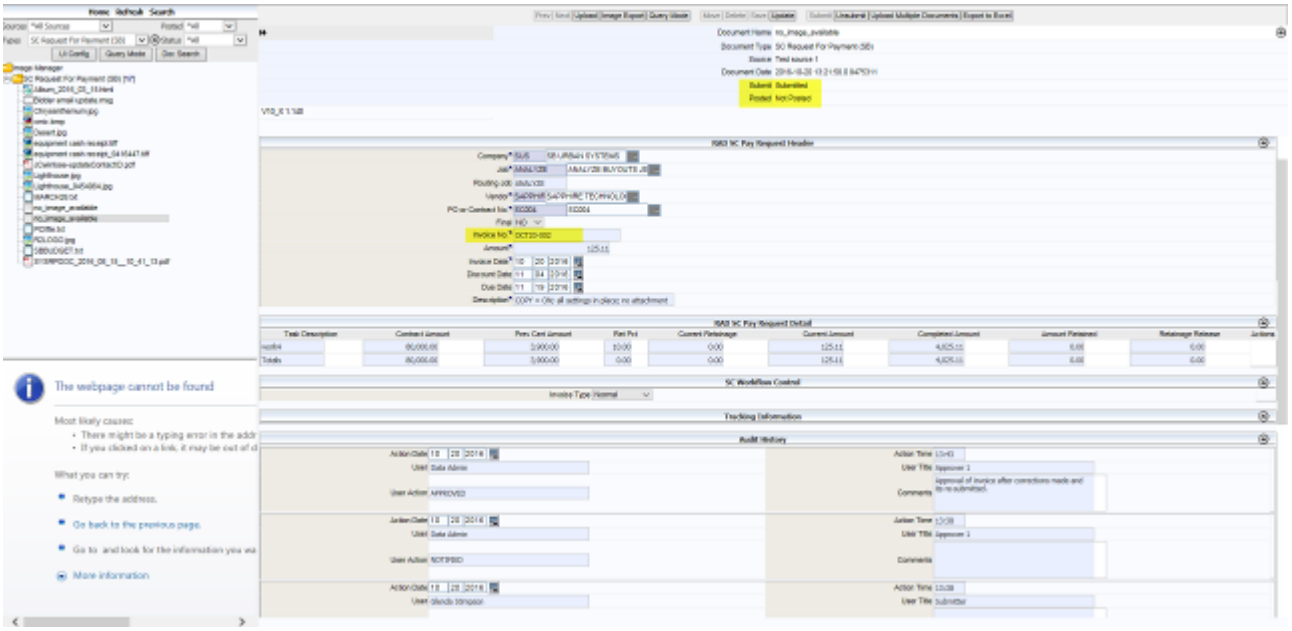




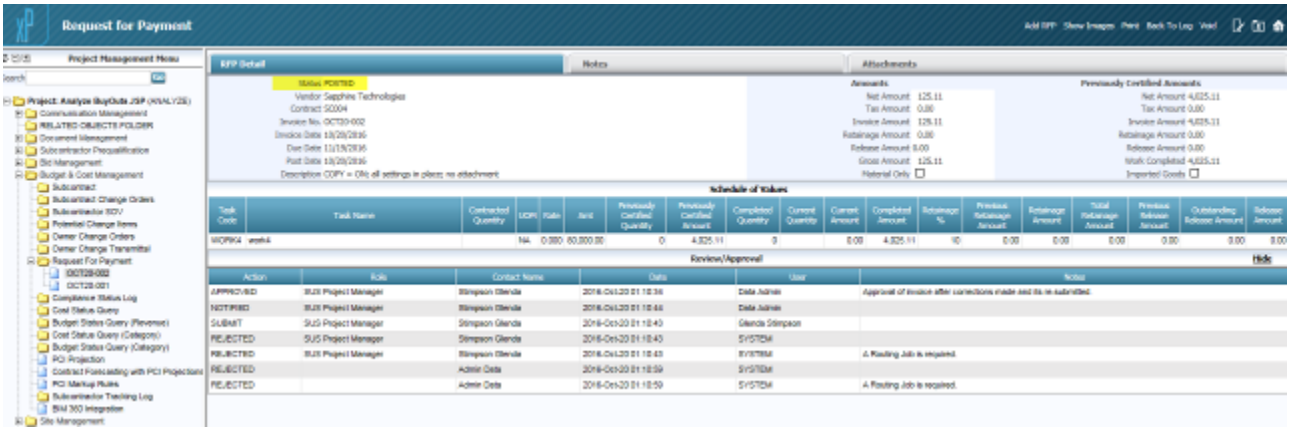
Once the invoice is approved, the [**POST**] button in the RFP screen is enabled:

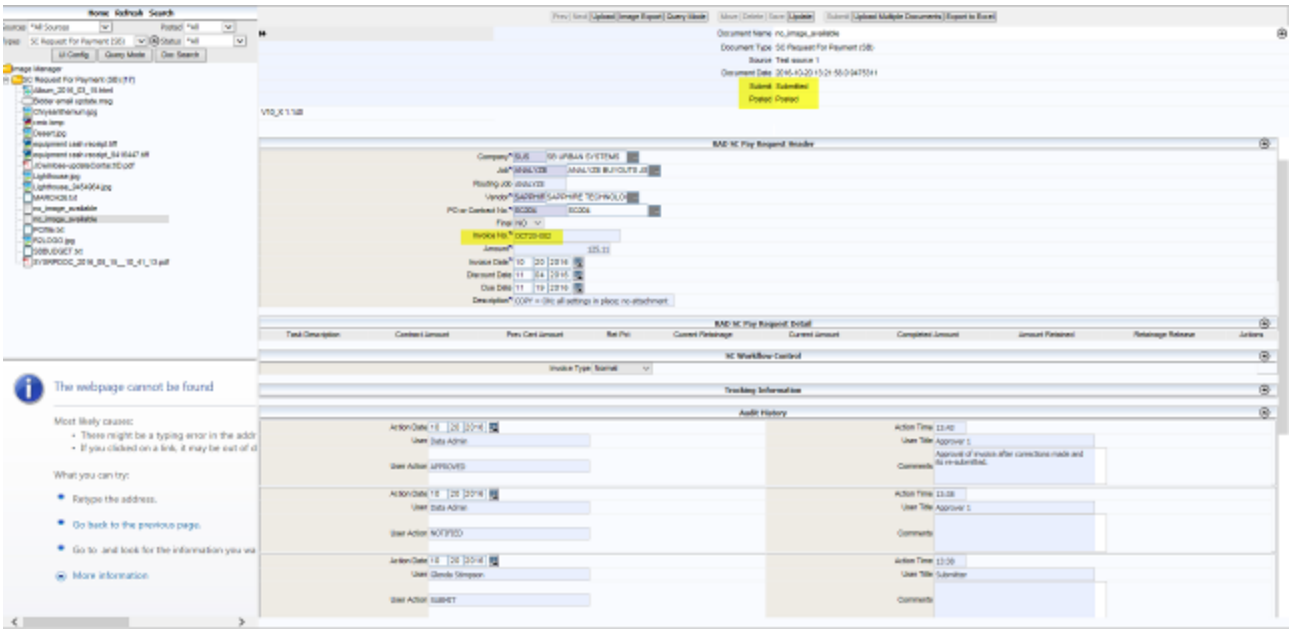


The Invoice in Image Manager has the following Status and Audit History:



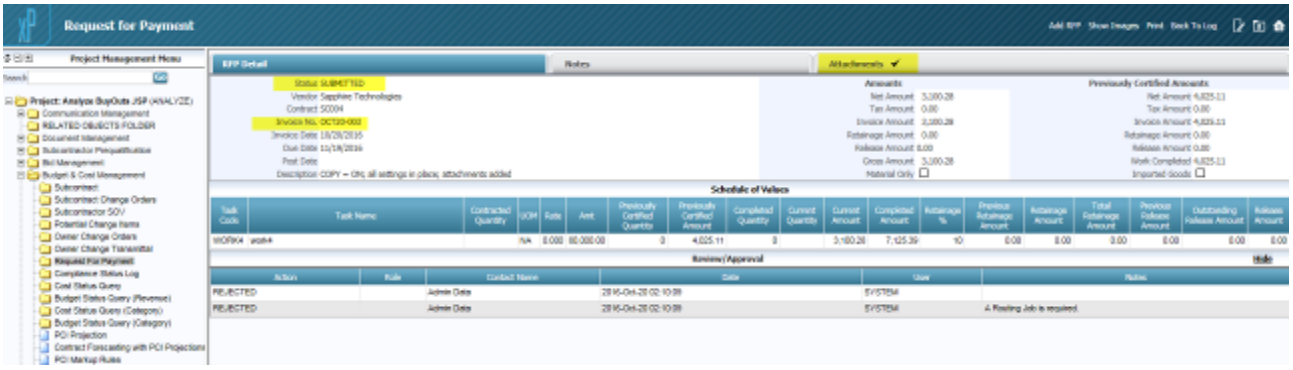
The RFP can then be POSTED. The invoice is updated in PM JSP and Imaging:



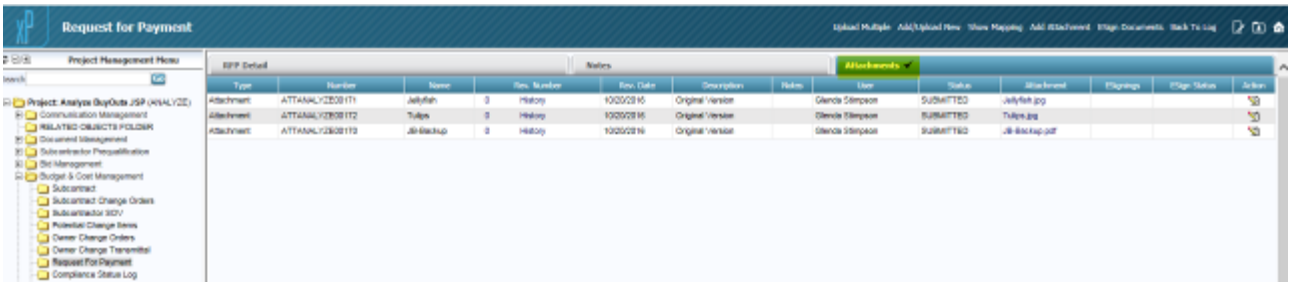


EXAMPLE 2 – SUBMITTING RFP with ATTACHMENT(s) (Complete process demo - from Submit to Posting)

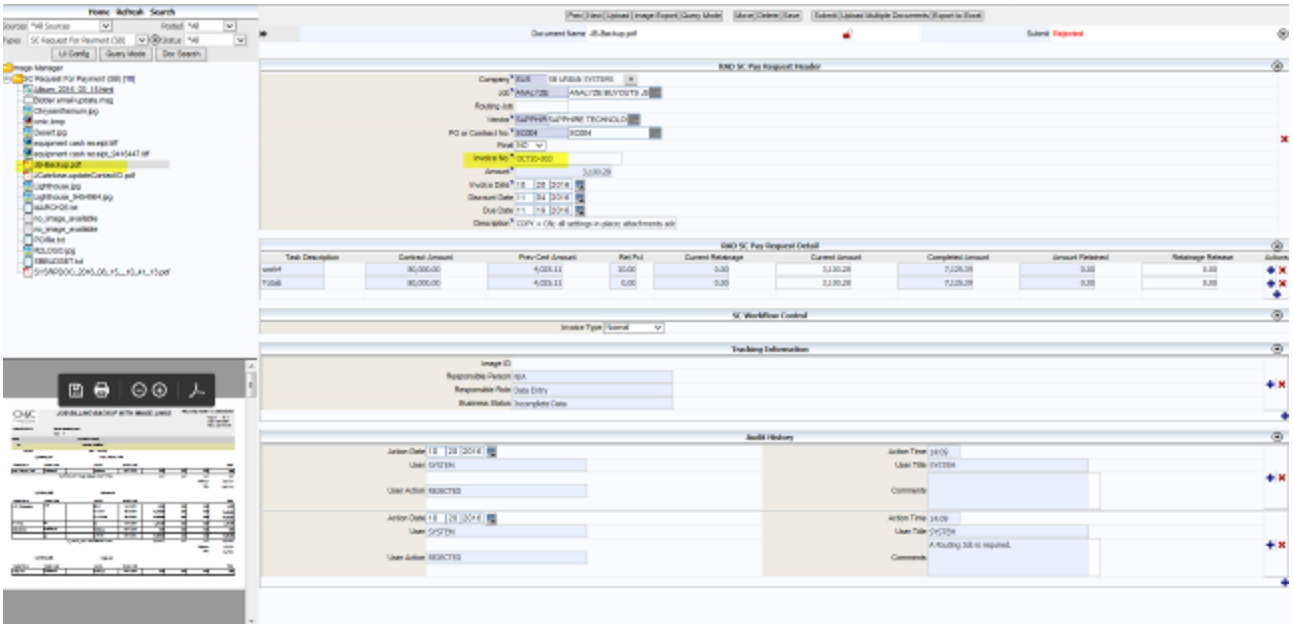
The RFP is created with multiple attachments and SUBMITTED:



The attachments are shown here:

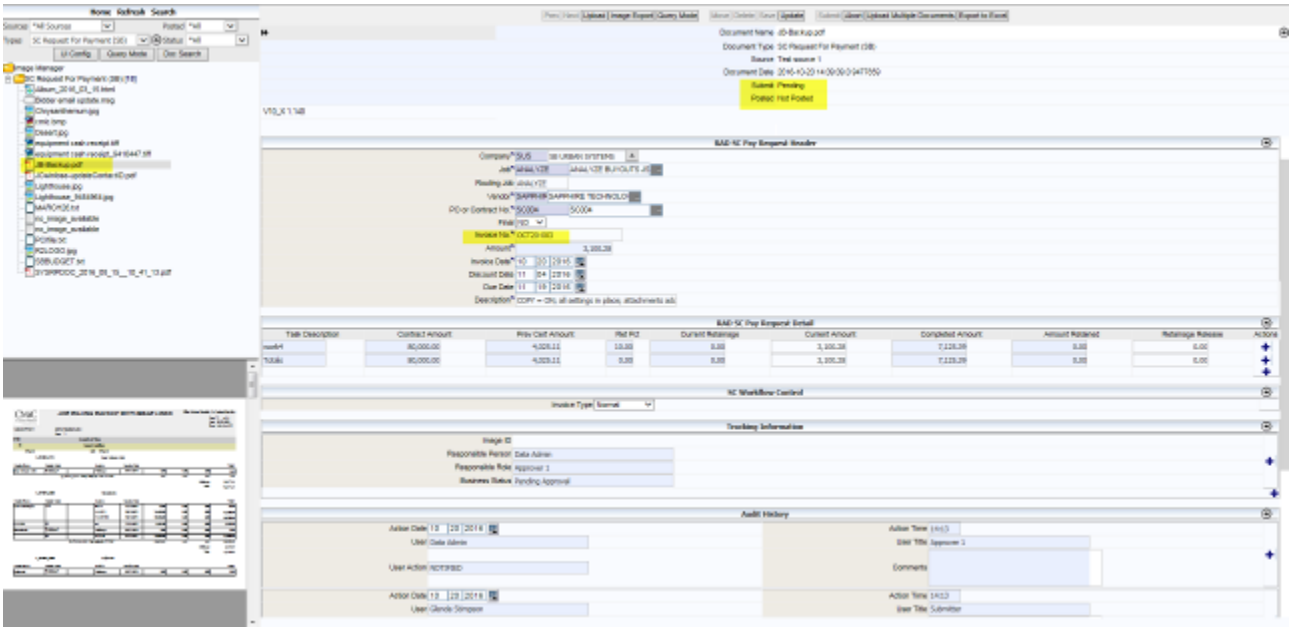


In Image Manager, one of the attachments is listed under the Document Type that was set up in the Imaging Control screen, and the invoice is associated with it:

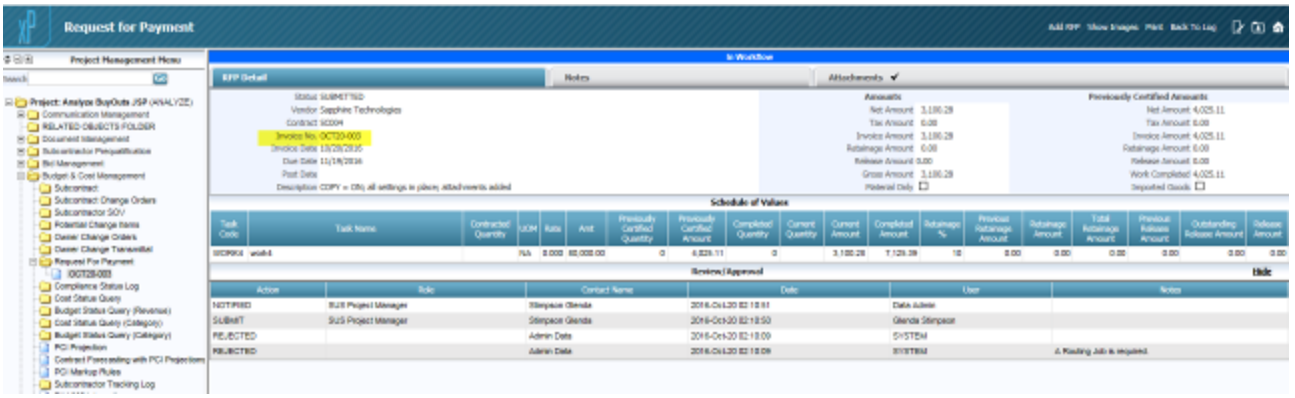


In this example, the invoice requires some corrections. It is edited and corrected.

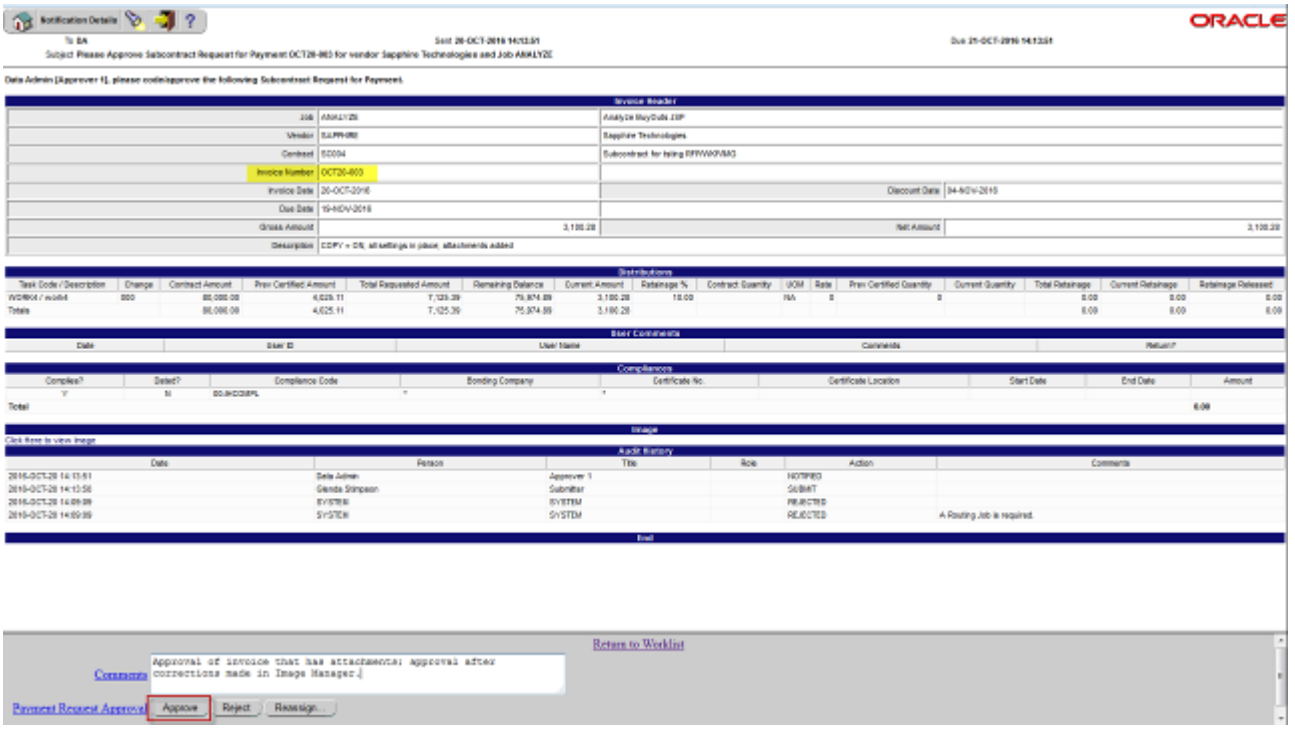
After correcting the invoice in the Image Manager and re-submitting it:



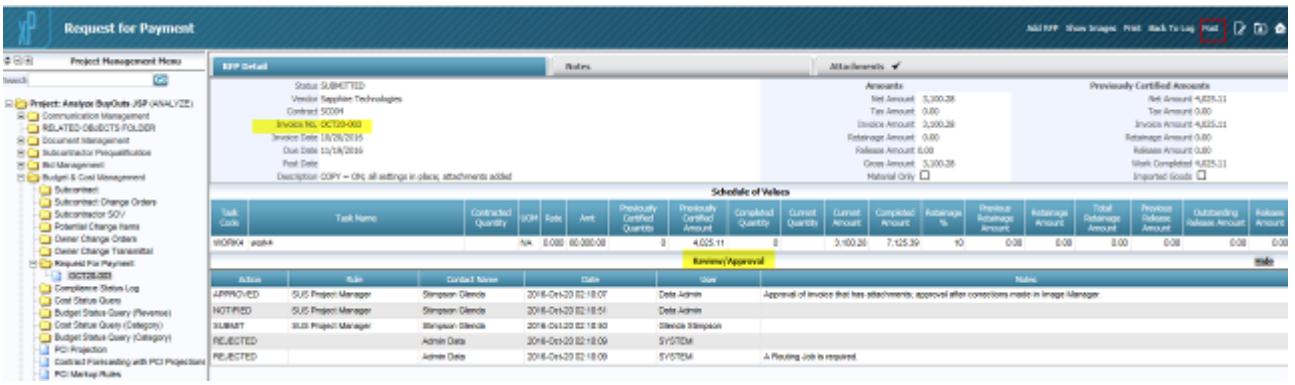
The ‘In Workflow’ banner is displayed in PM RFP:

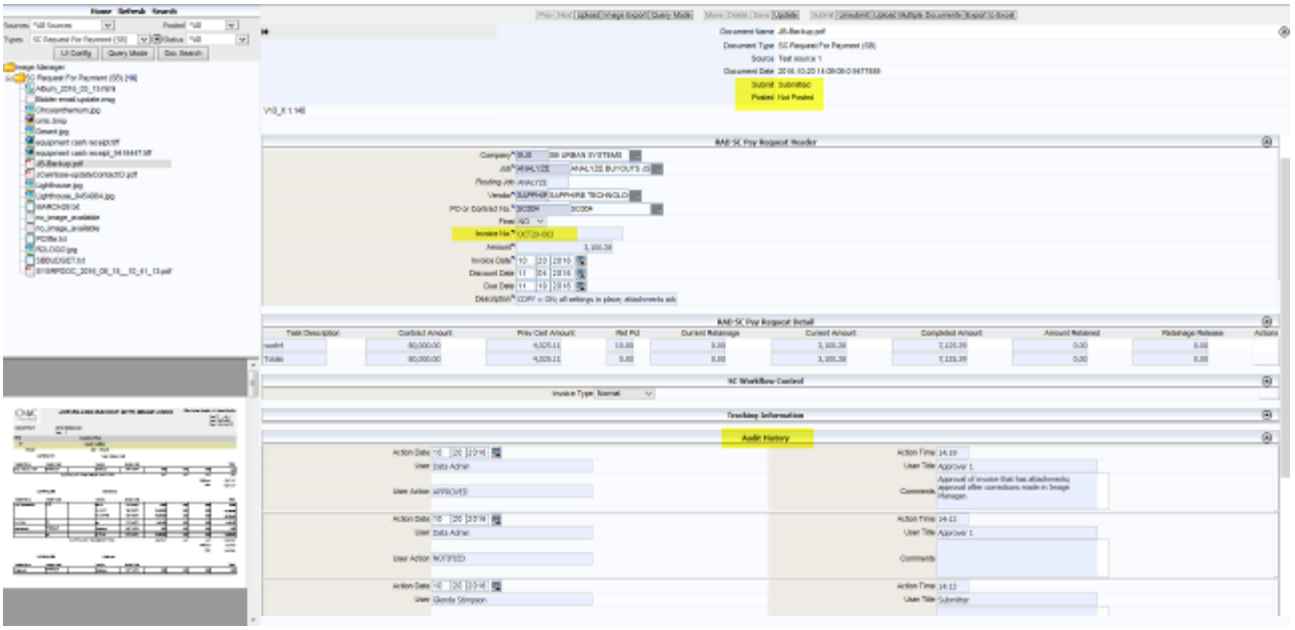


The invoice is approved in Workflow:

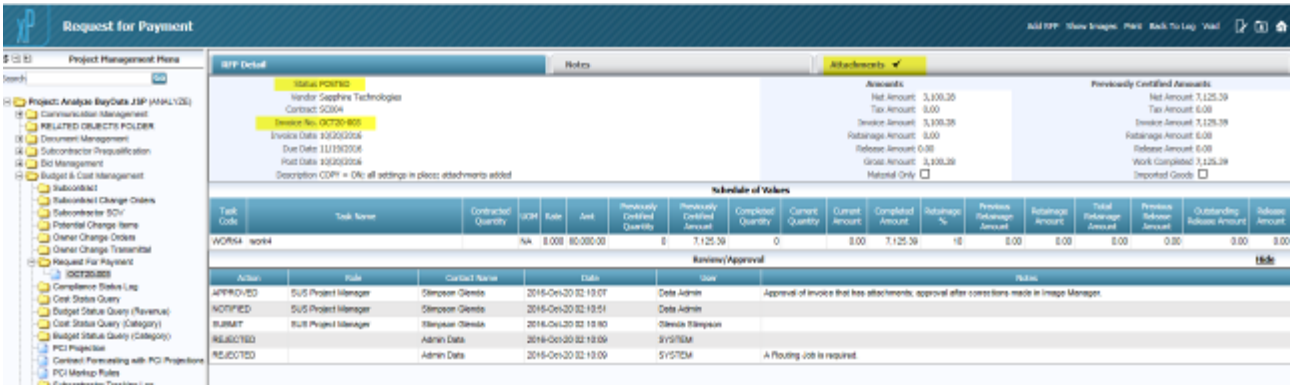


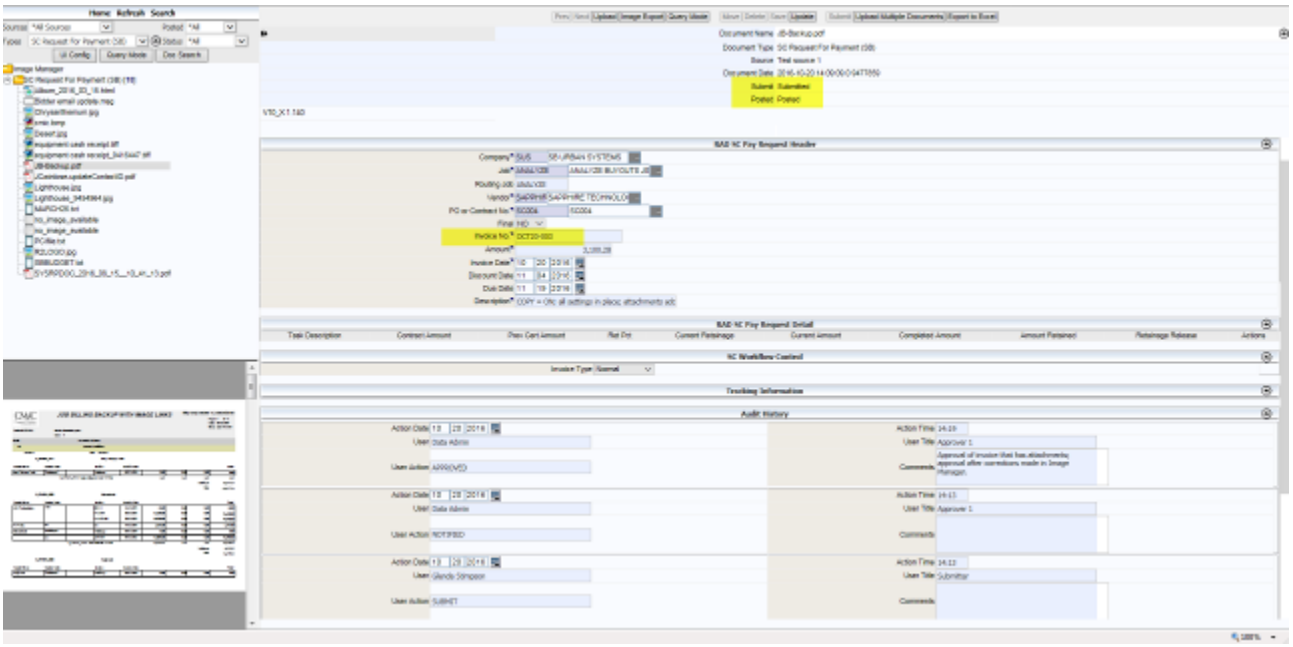
The approved invoice can now be posted in PM JSP – the [**POST**] button is now enabled:





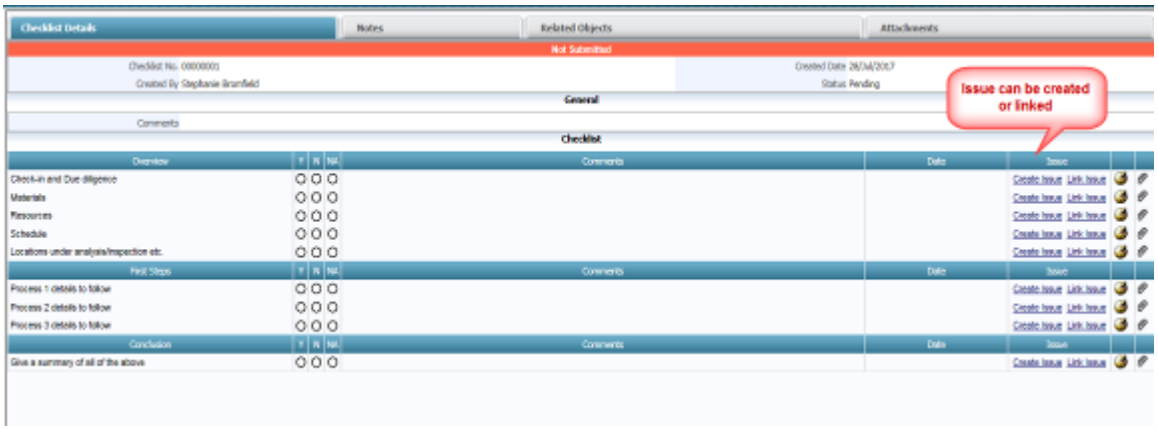
After Posting:

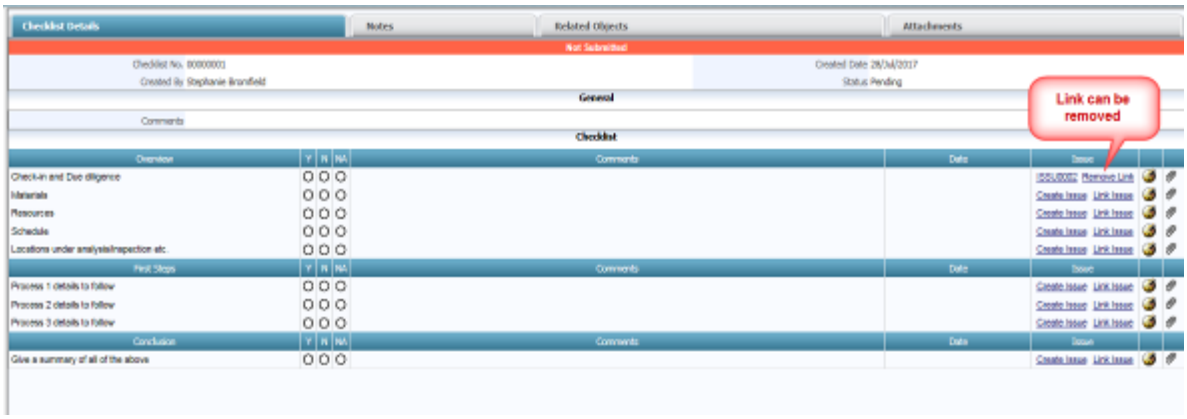


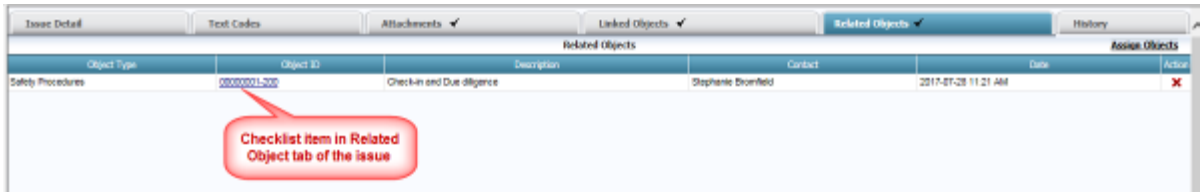


Create/Link Issue to Checklist Item (16.20255)

Implemented the ability to create/link an issue from/to a checklist item. The checklist item is shown in the Related Objects tab of the Issue.





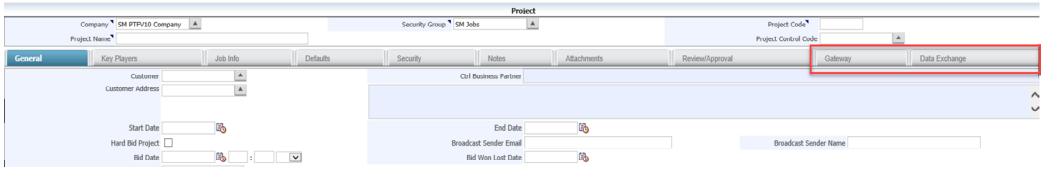


On-Going Development (17.39936, 17.46362)

The following are on-going development:

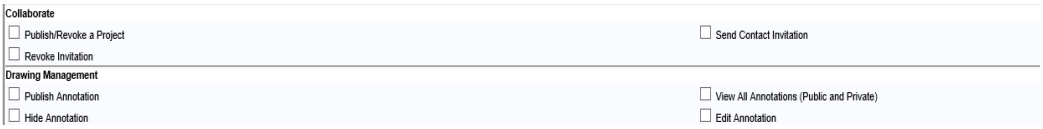
a) Project Maintenance – Gateway tab (formerly Collaborate tab)

b) Project Maintenance – Data Exchange tab

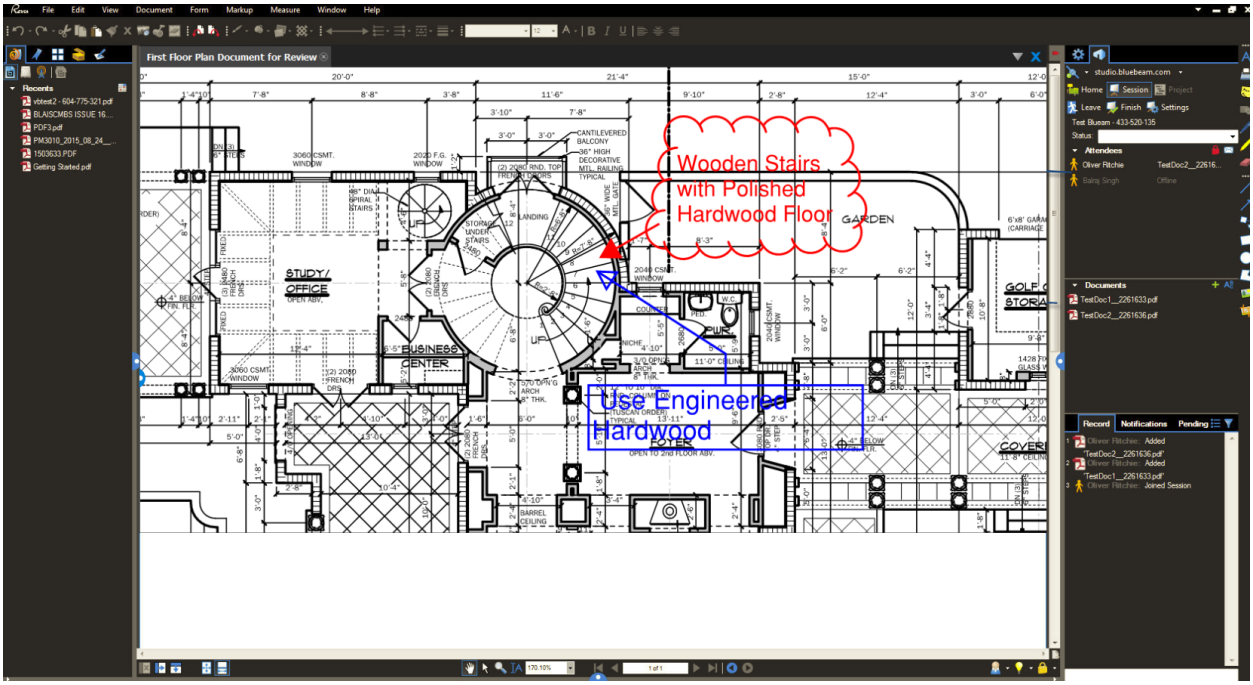


c) Project Roles – privileges related to Collaborate (Gateway tab)

d) Project Roles – privileges related to Drawing Management



Bluebeam Integration with CMiC (merged FS01)



Bluebeam and CMiC have collaborated to allow the integration of their software with CMiC's xProjects module to perform basic and advanced operations on PDFs, such as adding markups, creating revisions alone, or creating revisions collaboratively with invited associates via Bluebeam Studio Sessions.

Bluebeam offers a free PDF viewer (Bluebeam Vu) that can be used to view PDFs, and licenses are only required for users that would use Bluebeam to create markups, revisions, and to collaborate (Bluebeam Revu).

For details about the functionality available via Bluebeam Revu, please visit the following Bluebeam sites:

http://support.bluebeam.com/?utm_source=bluebeamnav&utm_medium=referral

http://bluebeam.com/us/bluebeam-university/training-materials/

http://support.bluebeam.com/help/#online-help

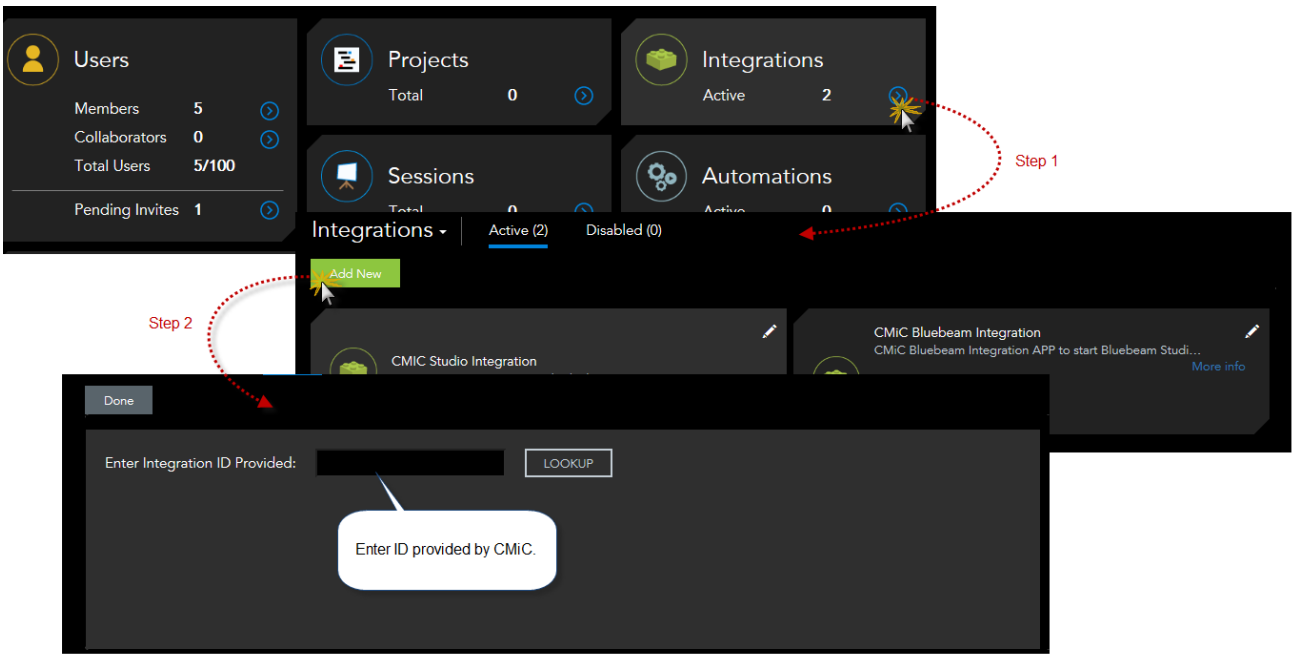
Prerequisites

- Bluebeam adapter from CMiC (Feature Set 01 build 26 or higher)
- Bluebeam Studio Prime license from Bluebeam
- Bluebeam's Bluebeam Vu (PDF viewer) or Revu (PDF markups & collaboration) software installed on all required desktops
- Bluebeam certificates installed on CMiC app server to allow communicate between it and Bluebeam's servers
    - Bluebeam certificates need to be installed by our DBAs if you have a DBA agreement with us, otherwise, our DBAs will send instructions for installing the certificates if you have your own DBAs
    - For further details, please contact your CMiC Consultant

Set Up CMiC Bluebeam Integration Application

The setup can be done in three steps:

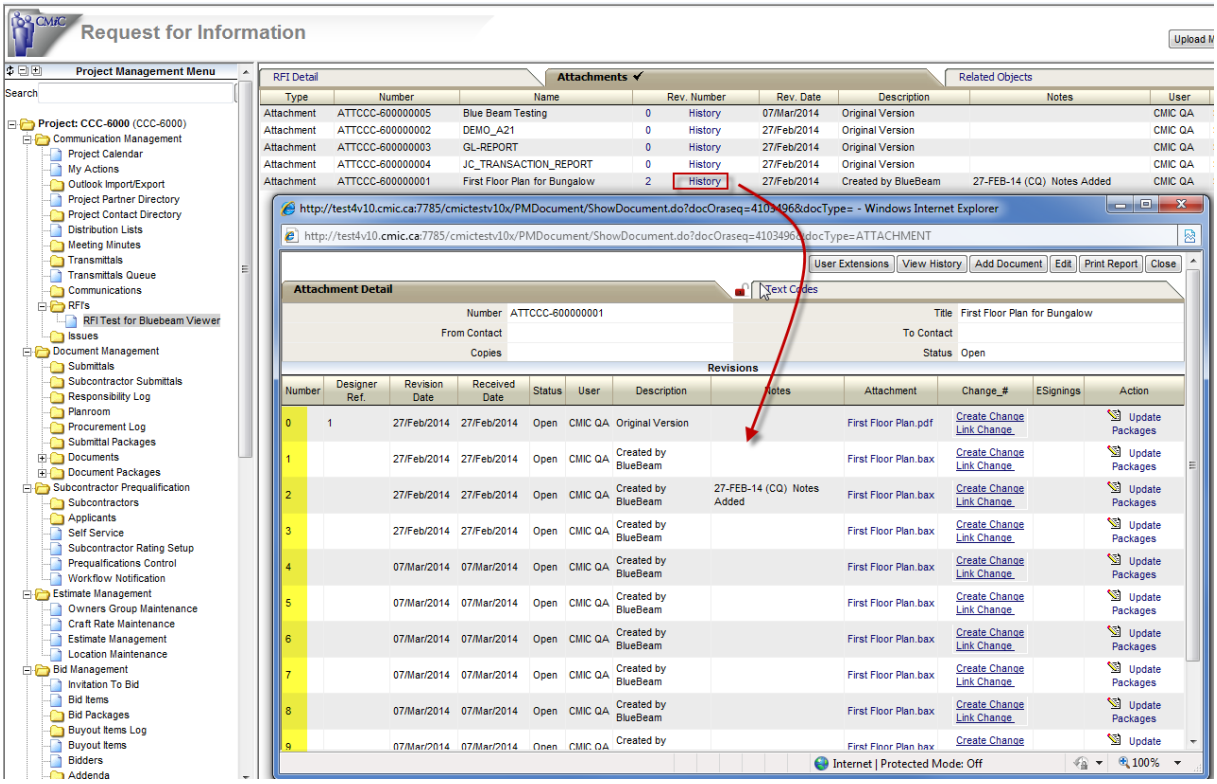
1. Register the CMiC Bluebeam integration application in your database - run the **F01add_bbm_app_info_prod.sql** script, and when prompted, enter "**DA**" if you are a CMiC Enterprise user or enter your Tenant Code if you are a CMiC Cloud user.
2. Contact CMiC for the Bluebeam integration application ID.
3. Add the CMiC application in the **Integrations** section of the Bluebeam prime account (steps are shown below), and enter the ID provided by CMiC in the **Enter Integration ID Provided** field. Click **[Done]** when finished.



Bluebeam Studio Integration with xProjects

On the **Attachments** tab, only the latest revision of the marked up attachment will be shown.

If there are markups, the revision number will be greater than 0 and a "**History**" link will appear to the right of the revision number in the same column. Clicking on this link will open the standard popup showing the full revision history.



Create Bluebeam Studio Session

To supplement the following documentation about Bluebeam Studio Sessions, the following Bluebeam training video and online help can be referenced:

Training Video

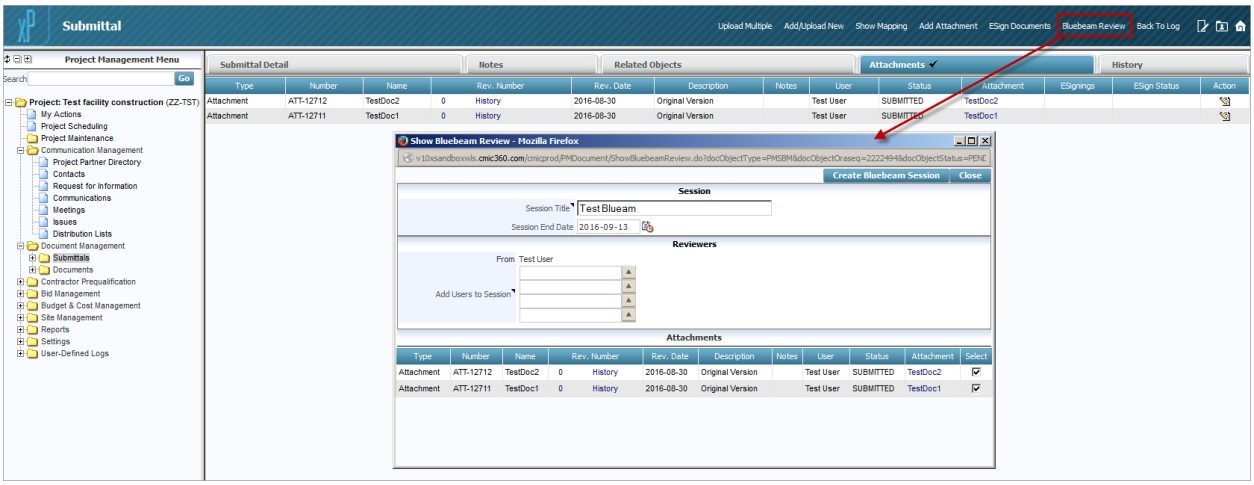
http://bluebeam.com/us/bluebeam-university/training-materials/studio-sessions.asp

Online Help

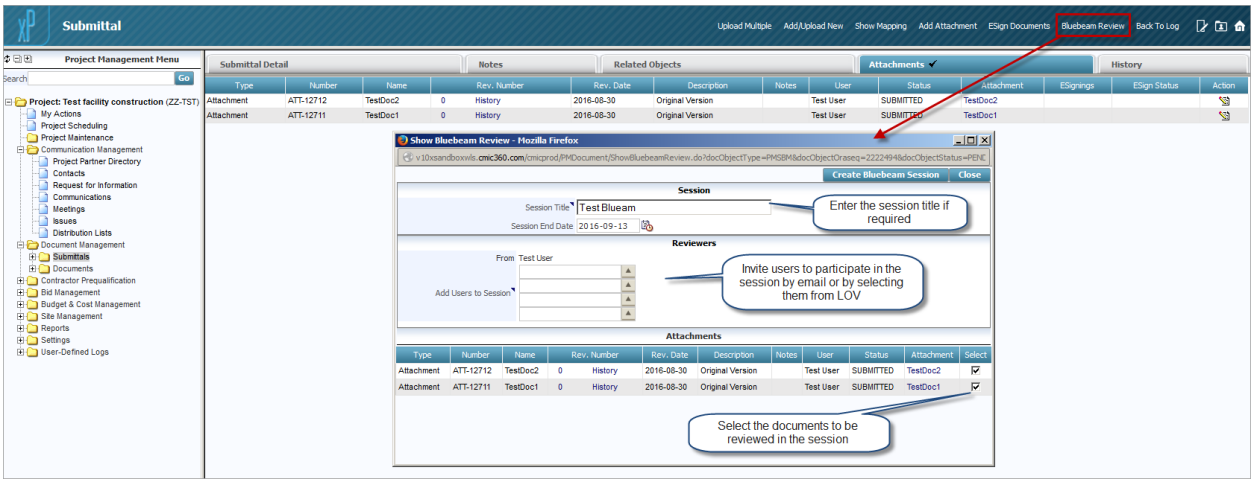
http://support.bluebeam.com/help/#online-help

http://support.bluebeam.com/online-help/revu2016-5-1/Default.htm#RevuHelp/00--Command-Bar/06--Studio/Studio-Host--M.htm#kanchor332

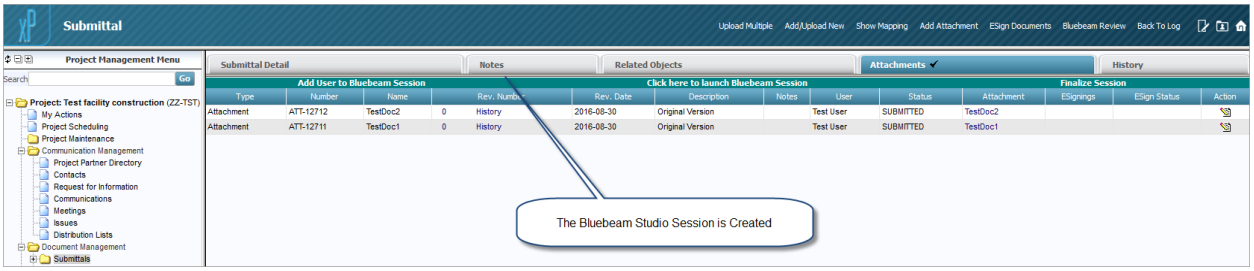
1. To create Bluebeam session, click the [**Bluebeam Review**] button, which is accessible on the **Attachment** tab of a PM Object, such as a Submittal:



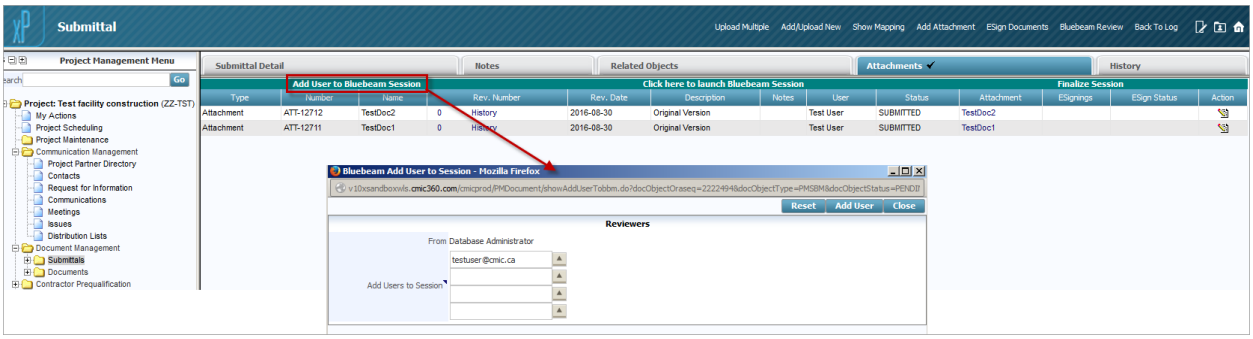
2. In the launched popup, enter a title for the Studio Session (if change is required), invite collaborators to the Session by entering their emails or selecting Contacts from the LOV, and select the document(s) to be reviewed during the Studio Session:



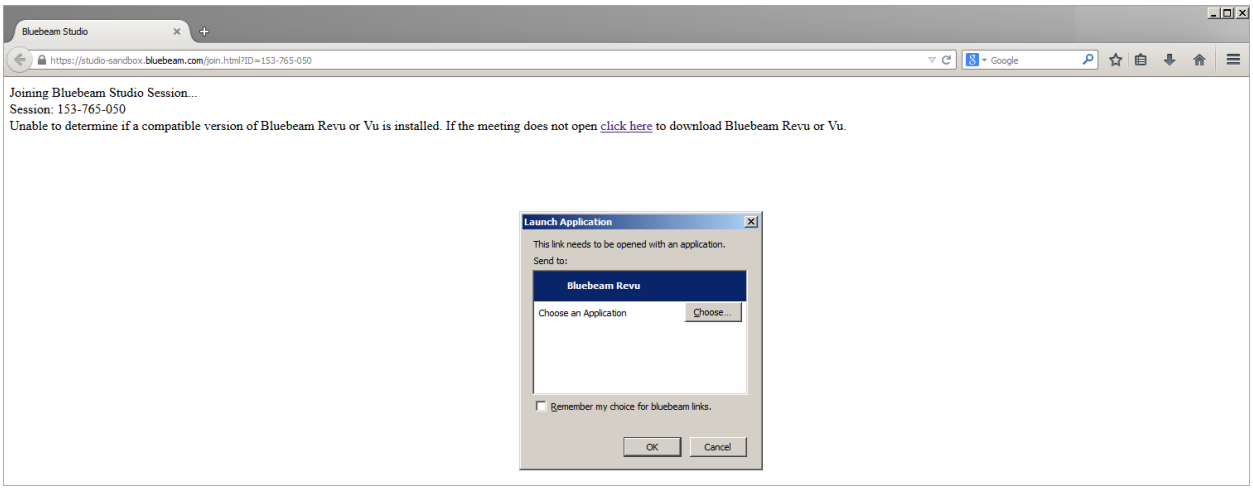
3. Upon clicking the [**Create Bluebeam Session**] button, shown in previous screenshot, a green bar appears, shown below, to indicate that the Bluebeam Studio Session has been created:



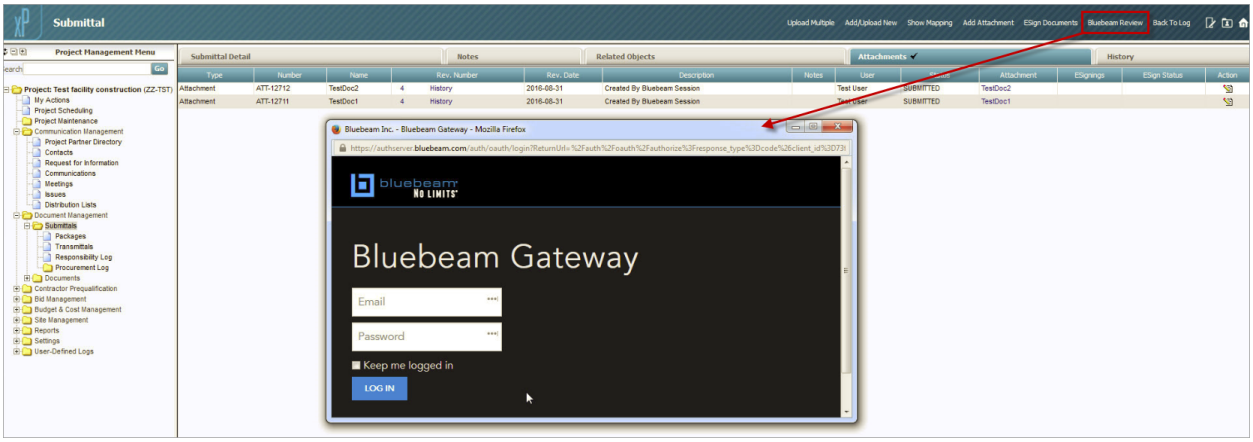
If more users are required to participate in the Studio Session, click the **Add Users to Bluebeam Session** link in the green bar, which launches a popup to add more users to the Session:



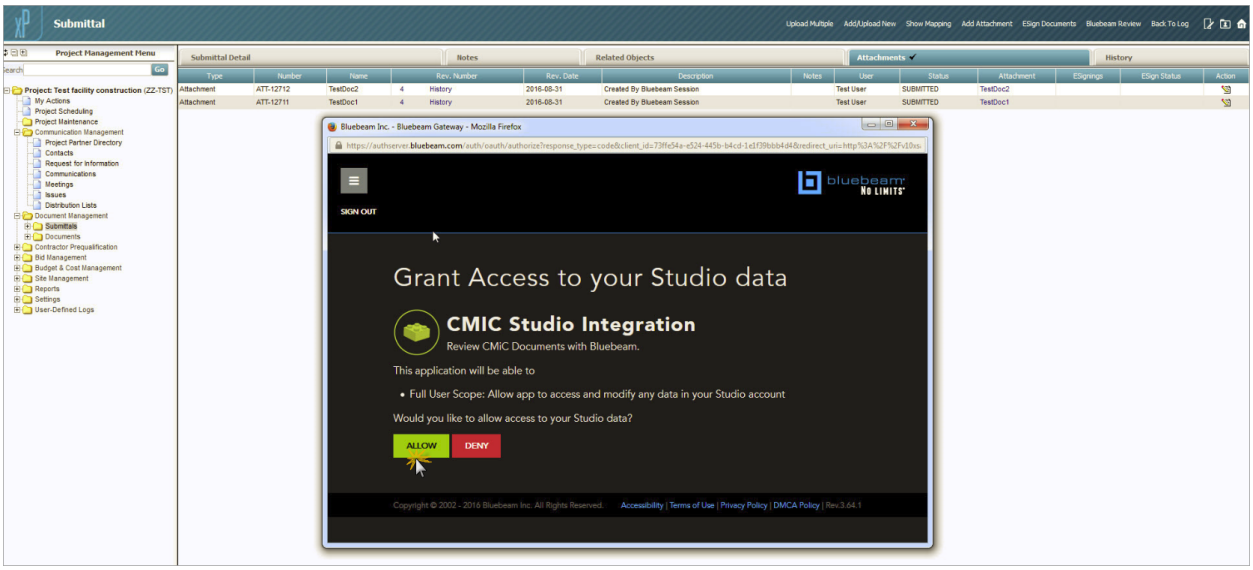
4. The **Click here to launch Bluebeam Session** link in the green bar starts the process of joining the user to the created Bluebeam Session. It may ask you to select the application if a compatible version is not found on the computer:



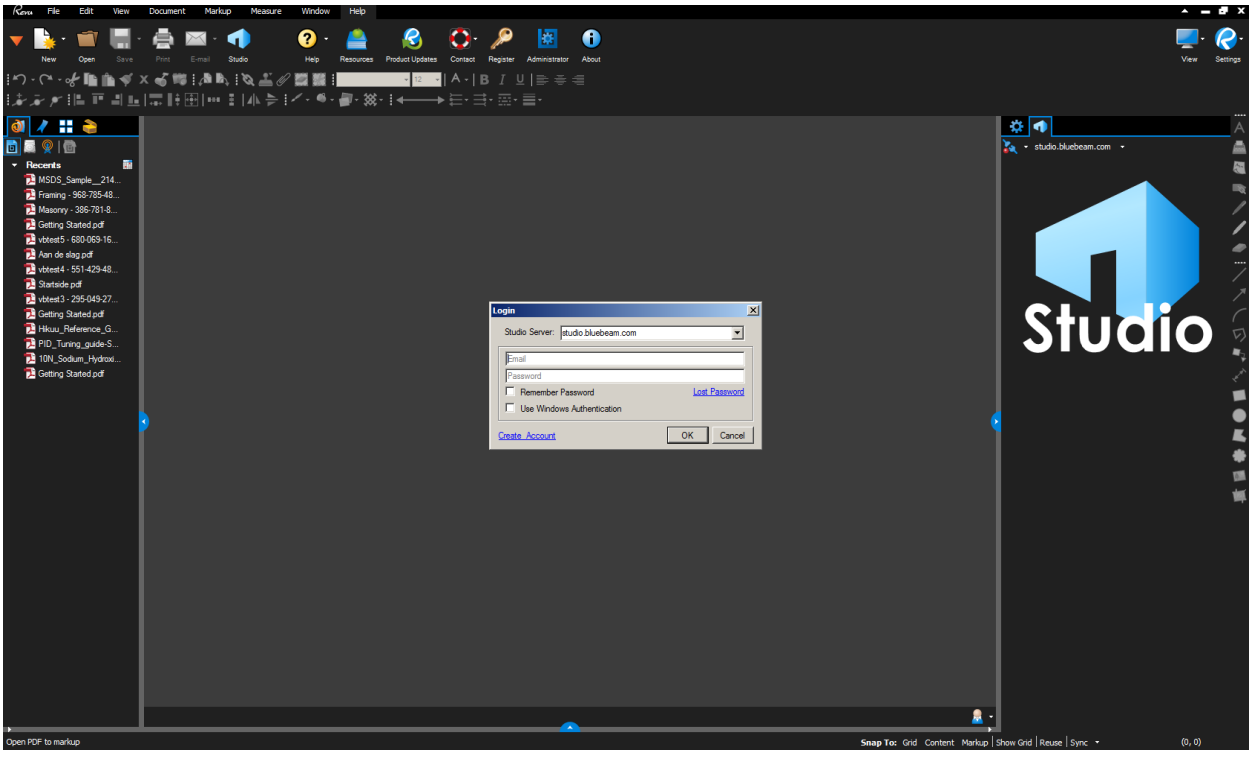
5. If the current CMiC user created the Bluebeam Studio Session within the last 60 days, move on to the next step; otherwise, upon clicking [**OK**], the Bluebeam Gateway popup appears, asking for your credentials.



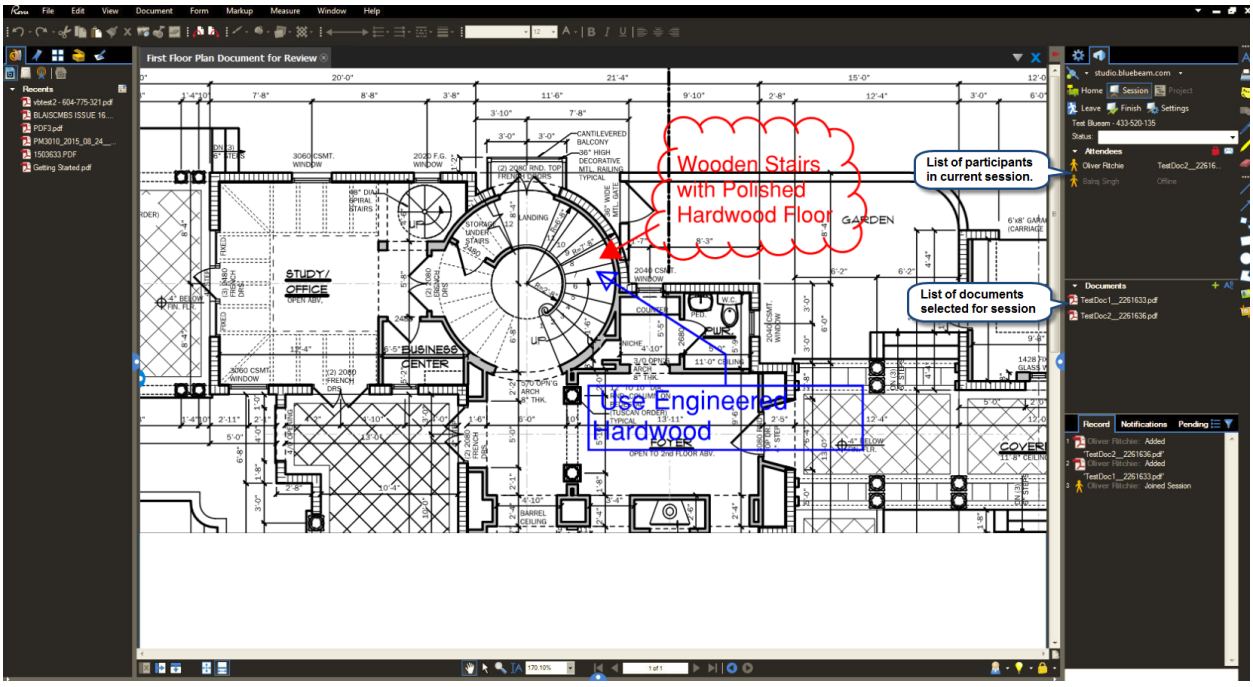
When logged into the Studio, a prompt will ask if you want to allow CMiC's software access to your Bluebeam Studio data. Click [**Allow**]:



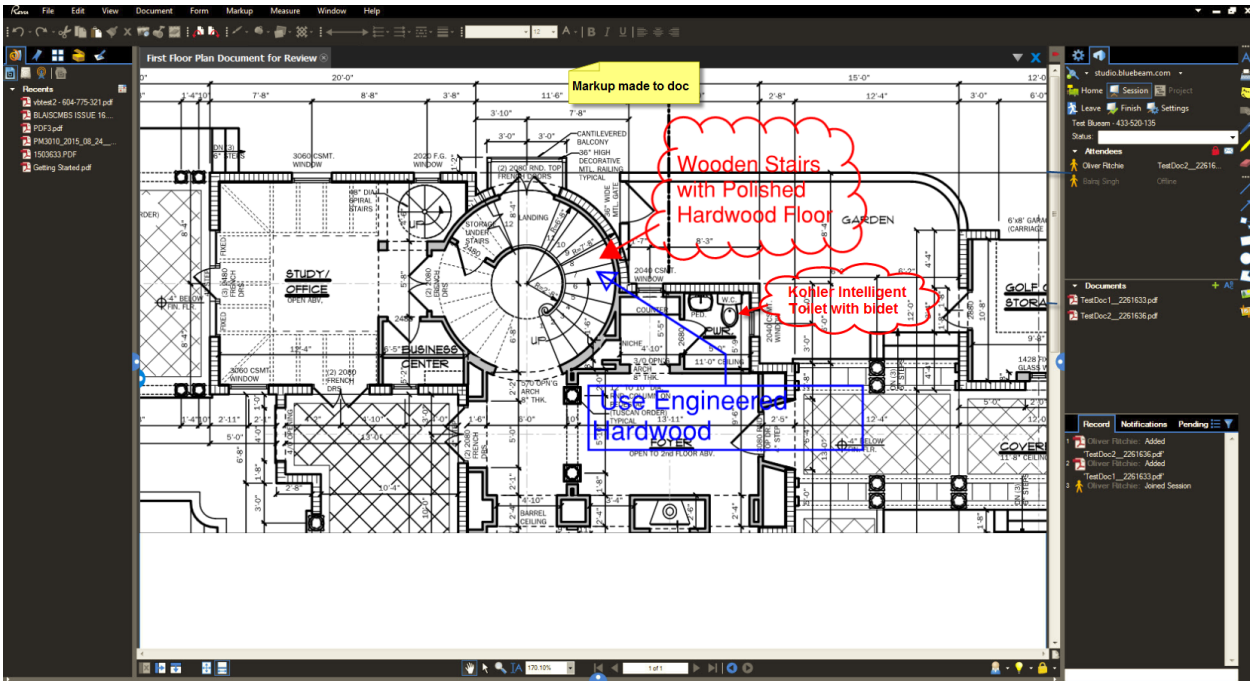
6. In order to join the session, enter your Bluebeam Studio credentials:



7. Upon clicking [**OK**], the user joins the Session, and documents selected for the Studio Session appear on the screen:

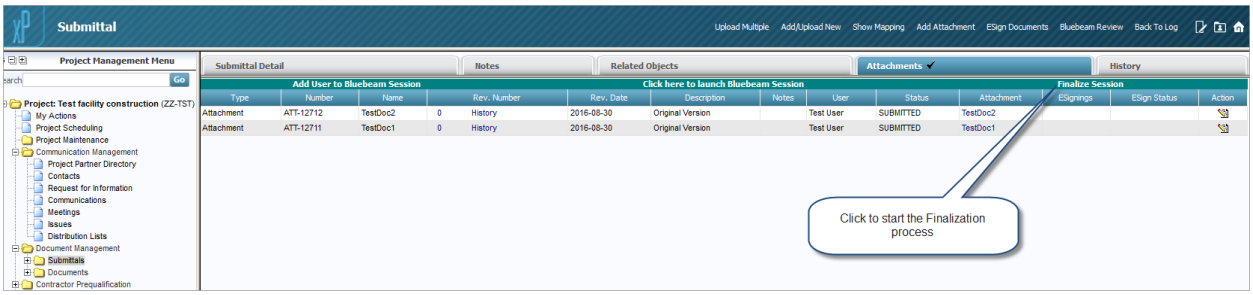


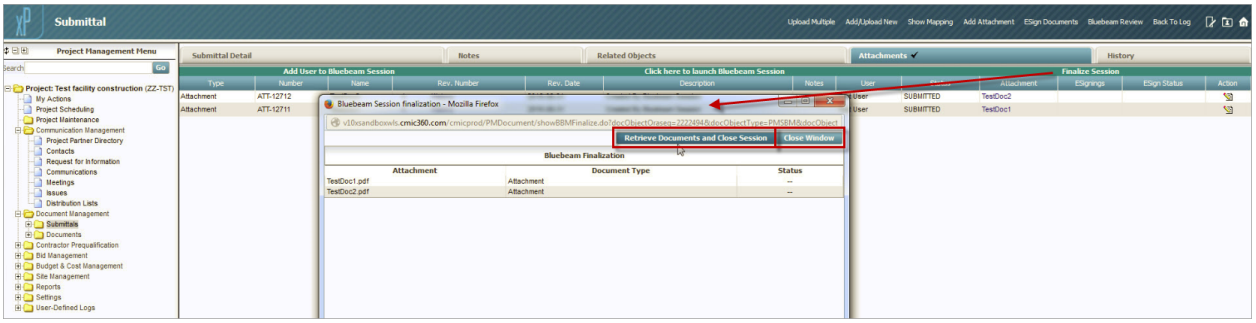
8. In the Session, the document has been modified:



9. When modification is done, and the session is over, close Bluebeam Studio.

10. To save the changes in the document and create new revision – click [**Finalize Session**] to start finalization process:





The following provides details about the buttons on the finalization popup, shown above:

[**Retrieve Documents and Close Session**] – Button

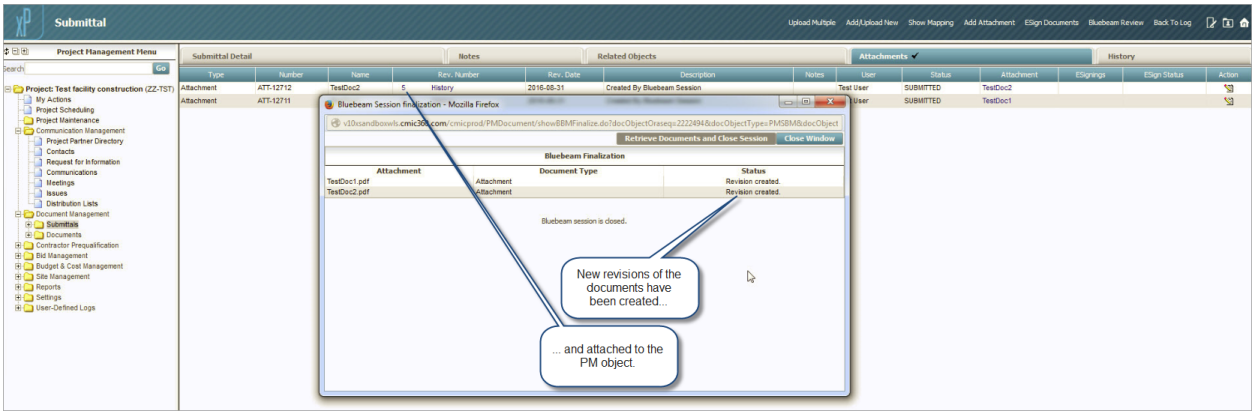
> Creates new revisions of documents (which appear in the current PM Object), and closes the Bluebeam session.

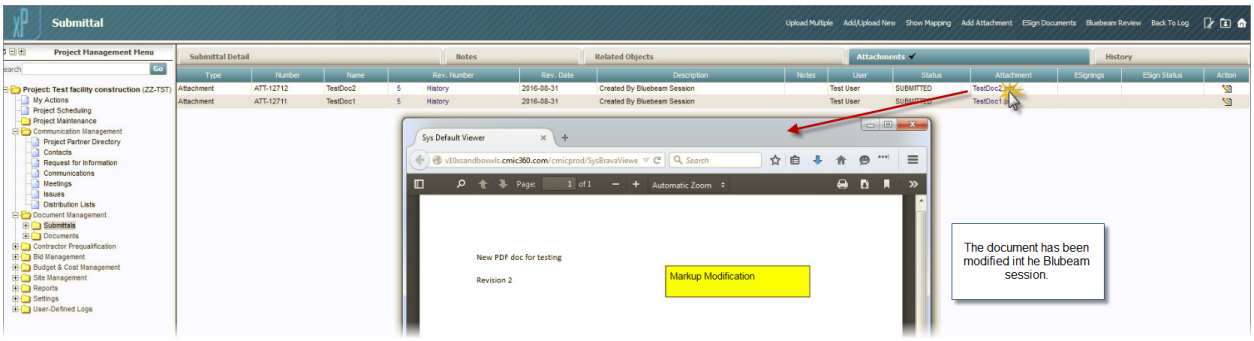
[**Close Window**] – Button

> Closes the finalization window.

11. Click the [**Retrieve Documents and Close Session**] button to save the changes and to create the new revisions of the documents.

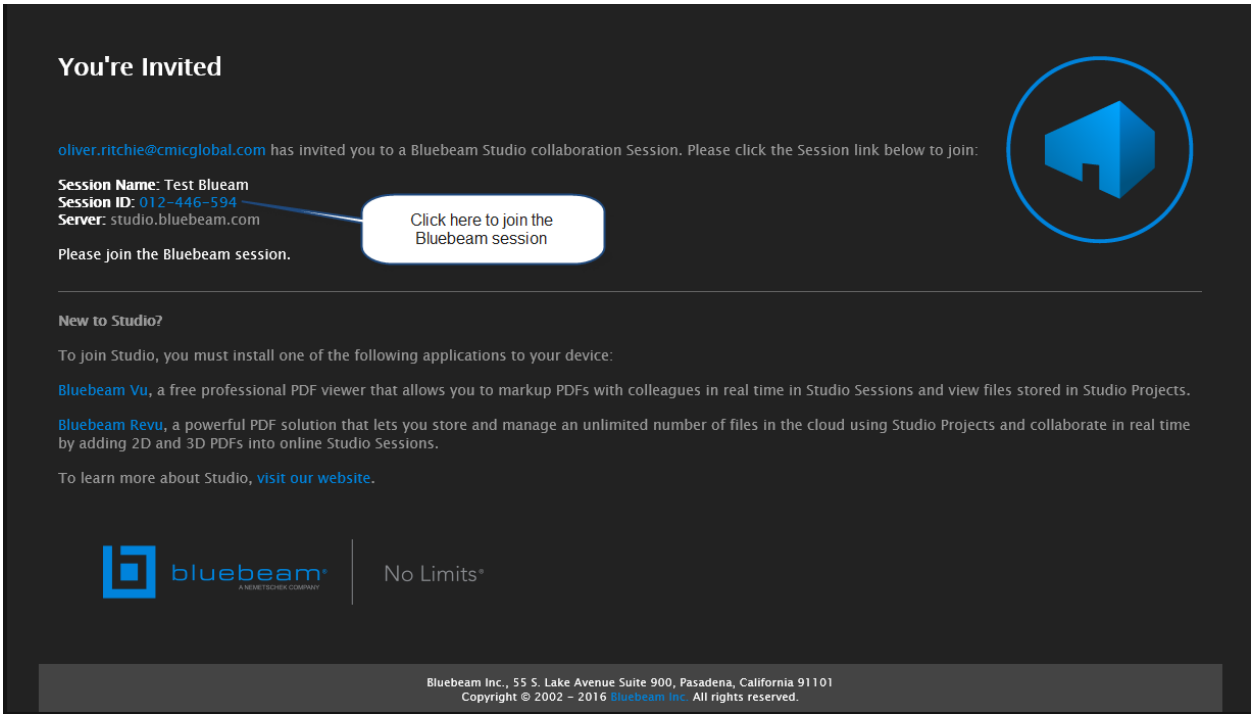
When finished, the result of the finalization will be displayed in the **Status** column, and new revisions will be attached to the PM Object:



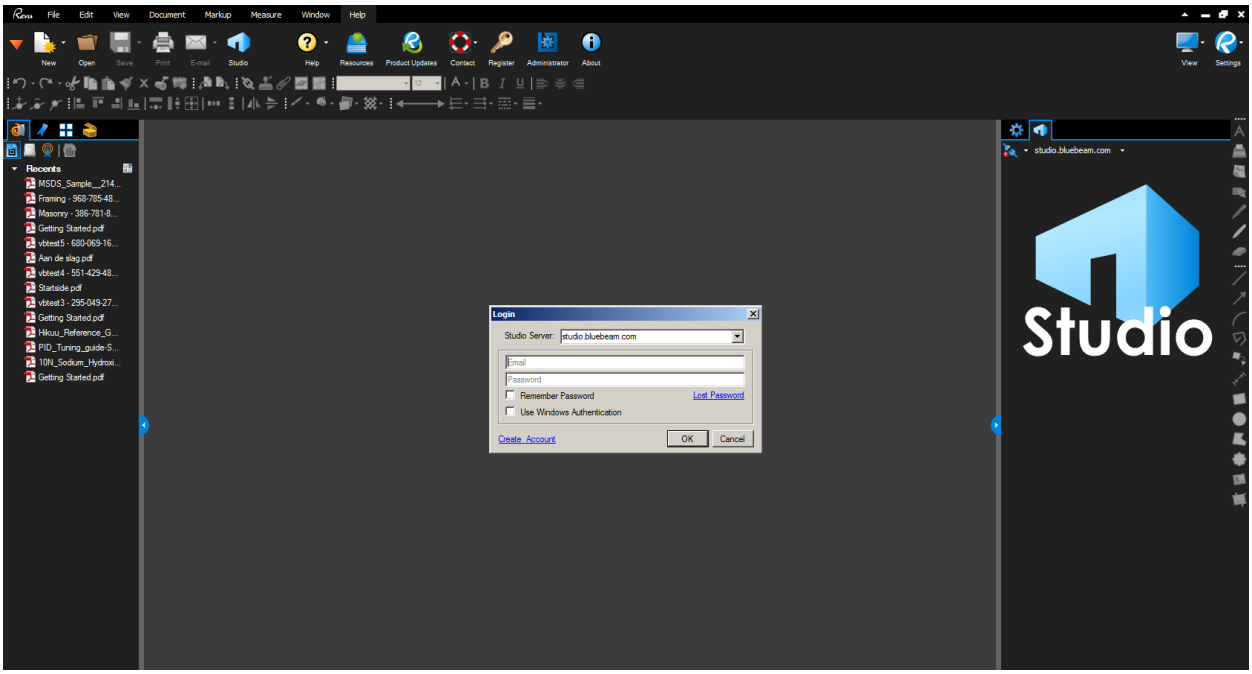


Invited Collaborators Joining Studio Session

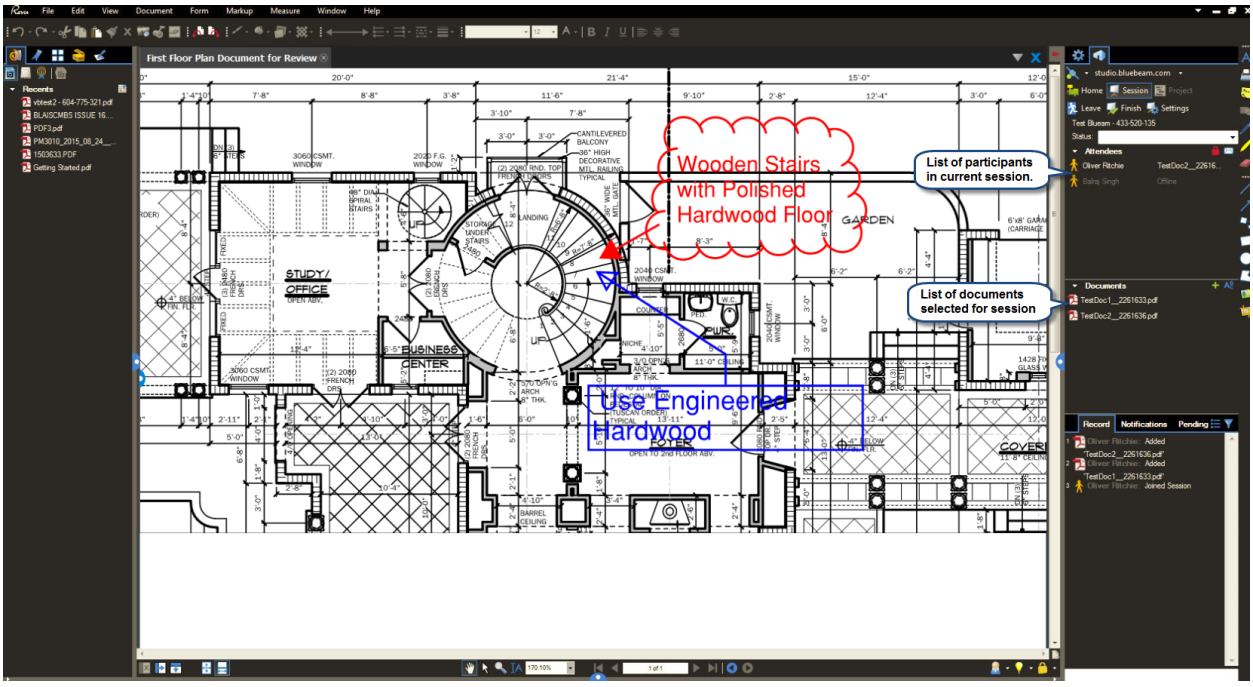
1. When invited, the participant receives an e-mail:



2. Upon clicking the Session ID, Bluebeam Studio is launched, and the collaborator is required to enter their Bluebeam credentials to join the session:



3. Upon clicking [**OK**], the user joins the session, and documents selected for it appear on the screen:



Add Files to Studio Sessions to Import into CMiC Enterprise

When a Bluebeam Studio Session is created, the documents selected to be reviewed during the Studio Session are uploaded from your CMiC Enterprise system to that of Bluebeam, which hosts the session.

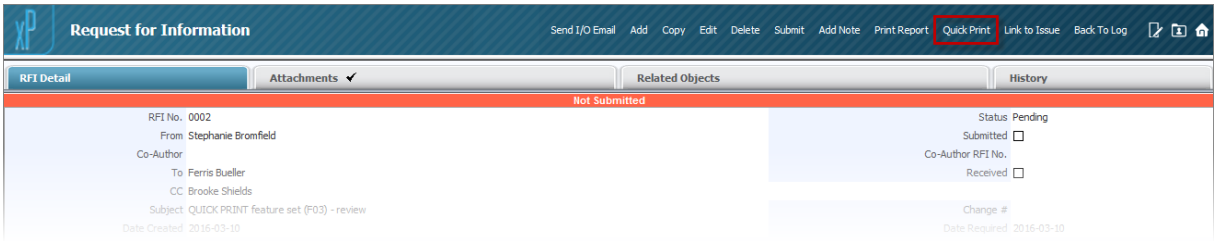
When the session is ended, the documents will be imported back into your CMiC Enterprise system with an incremented revision number.

During the Studio Session, if a new file is added to the session, when the session is ends, the new file will be imported into you CMiC Enterprise system with a revision number of 0, and linked to the PM Object.

For details about adding files to a Studio Session, please refer to the following Bluebeam documentation:

> http://support.bluebeam.com/online-help/revu2016-5-1/Default.htm#RevuHelp/00--Command-Bar/06--Studio/Studio-Host--M.htm#kanchor332 (relevant Bluebeam online help path: *Host a Studio Session* > *Managing a Session* > *Managing Documents* > *Adding a File*)

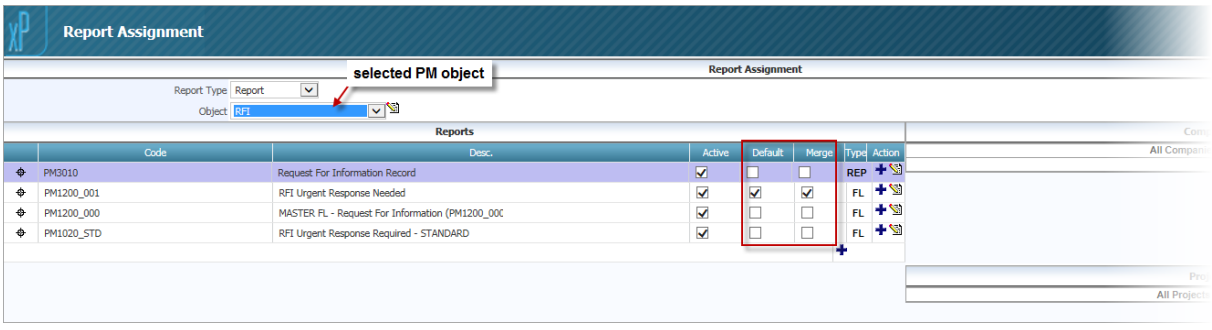
Quick Print (merged FS03)



The underlying concept of Quick Print is to allow users to assign a Report or Form Letter relevant to a particular PM object, such as an RFI, to the [**Quick Print**] button on the screen that displays individual records of the PM object. Also, Quick Print gives users the option of merging any attachments associated with the currently displayed PM object record to the Report/Form Letter assigned to the [**Quick Print**] button.

As an example, the above screenshot shows the [**Quick Print**] button on the Request for Information screen when it is displaying the details of an RFI. If clicked, the Report/Form Letter assigned to this screen's [**Quick Print**] button will be initiated, and if opted, any attachments for the displayed RFI will be merged to the assigned Report/Form Letter.

Assign Report to Quick Print Button



Sample of Report Assignment screen; standard Treeview path: ***PM > File Maintenance > Report Assignment***

In the Report Assignment screen, the **Default** checkbox is used to indicate that the Report is the default to print when the [**Quick Print**] button is clicked on the screen displaying records of the PM object selected via the **Object** field.

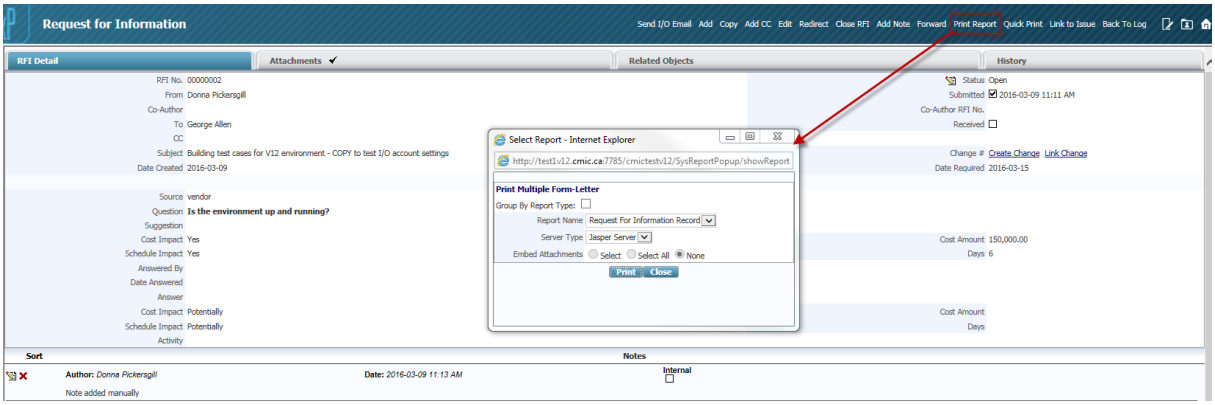
The **Merge** checkbox is used to indicate whether any attachments associated with a particular record are to be merged with the default report set to print by the [**Quick Print**] button for the PM object selected via the **Object** field (shown above).

As an example, in the above Report Assignment screenshot, the selected PM object is an **RFI**, and the Report checked as its default is **RFI Urgent Response Needed**. So, the [**Quick Print**] button on the RFI screen displaying individual RFI records (shown in previous screenshot) will generate the **RFI Urgent Response Needed** Report, and if opted, any attachments for the displayed RFI record will be merged to the Report.

Only one Report/Form Letter at a time can have these checkboxes checked. When a **Merge** flag is checked, it makes sense to ensure that the corresponding **Default** flag is also checked.

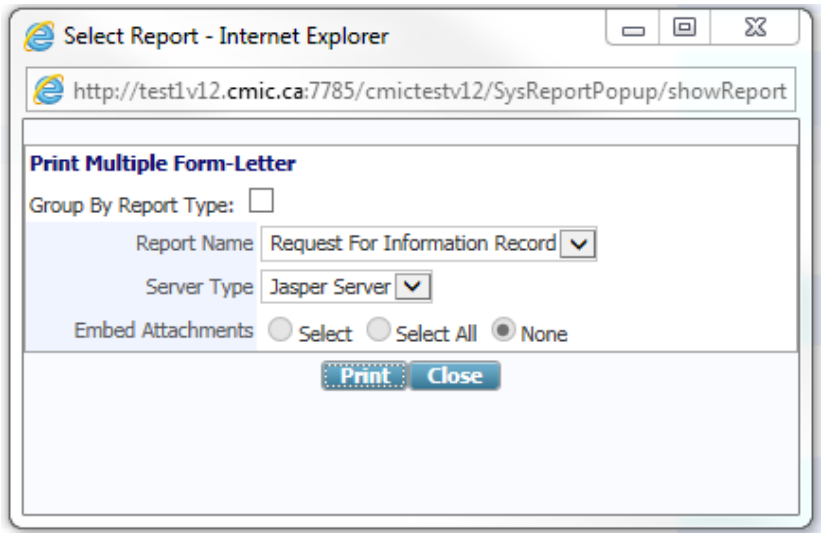
The Quick Print feature is available for the following PM objects: Communications, Meeting Minutes, RFI's, Issues and Submittals.

Print Single Report/Form Letter with Embedded Attachments (Merged FS03)

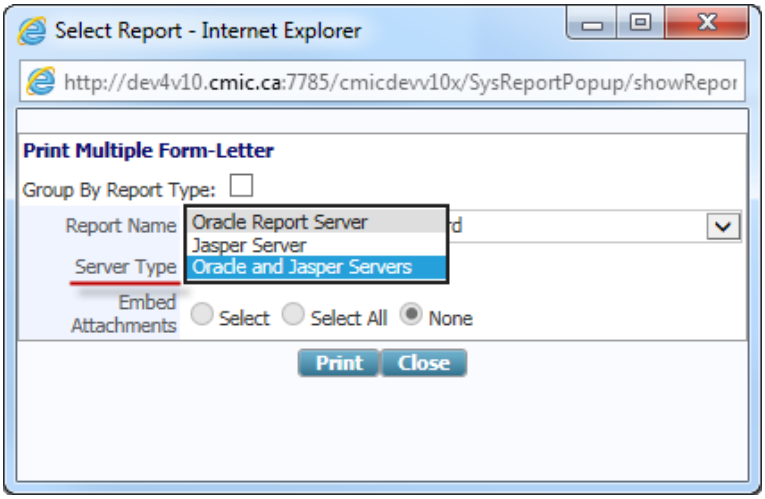


The printing of a single Report or Form Letter via the standard [**Print Report**] button, on screens displaying individual PM object records, has been enhanced to allow user to choose whether or not the attachments associated to the records get appended to the printed Report/Form Letter. This option is available on the pop-up launched via the [**Print Report**] button, as shown above.

Print Options for Embedding Attachments (merged FS03)



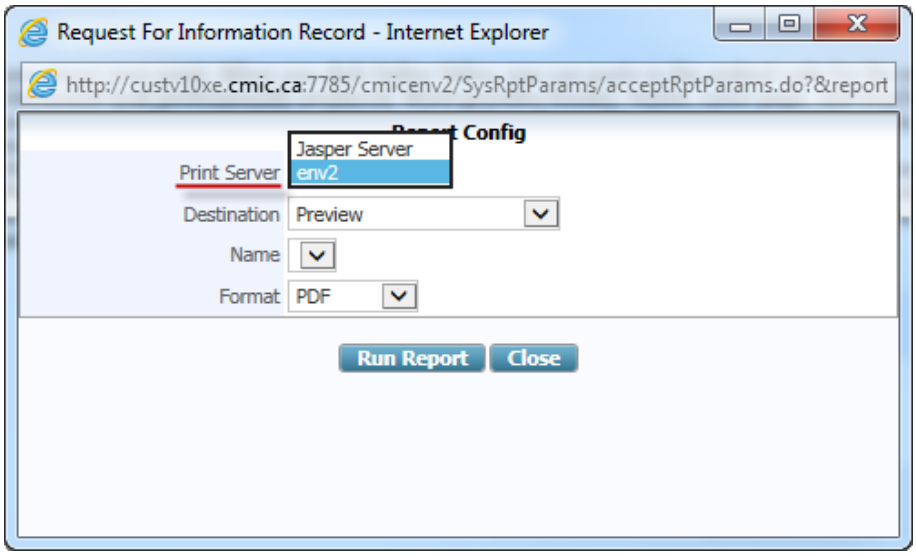
Server Type



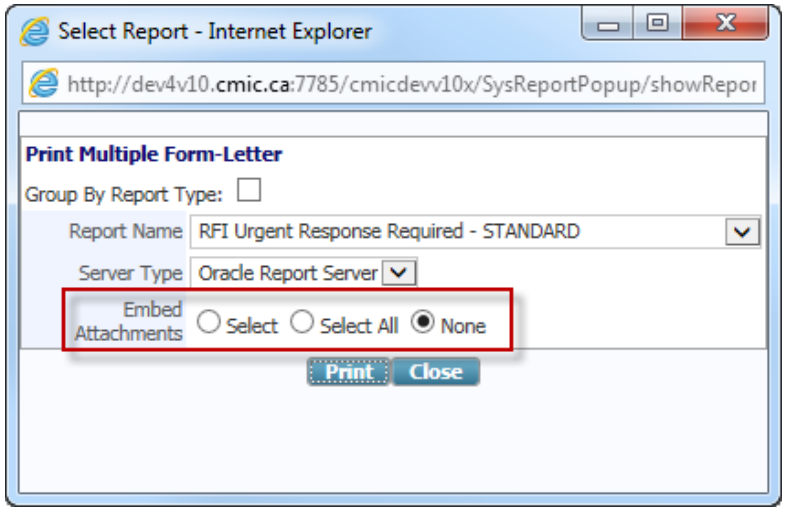
The **Server Type** is defaulted, based on whether the Report Name that is selected is a Jasper report or an Oracle report. The possible options listed are:

- Oracle Report Server
- Jasper Server
- Oracle and Jasper Servers

If a report can be run via both server types, the **Oracle and Jasper Servers** option will be available. If [**Print**] is clicked at this stage, the next pop-up will allow you to select the print server, via the Print Server field, shown below:



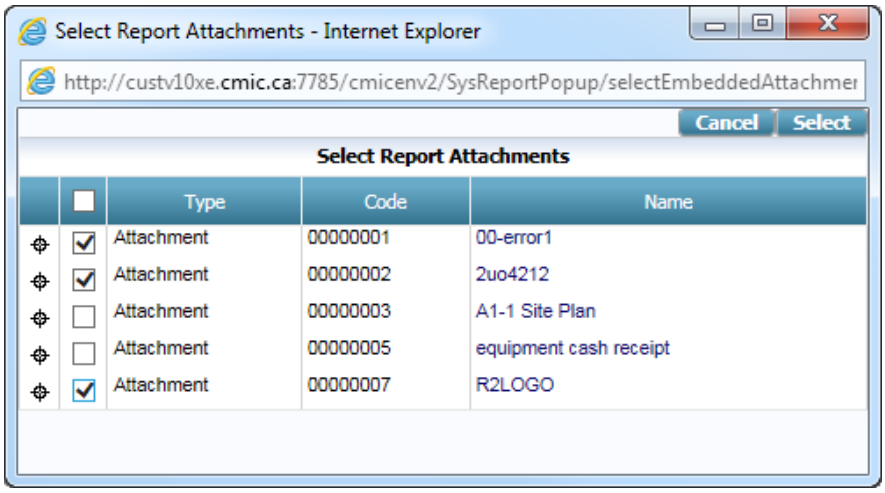
Embed Attachments – Radio Buttons



The **Embed Attachments** radio buttons are only active when the report is an ORACLE report (.REP or Form Letter). If it is a Jasper report, these radio buttons are disabled.

The following are details about the **Embed Attachments** options:

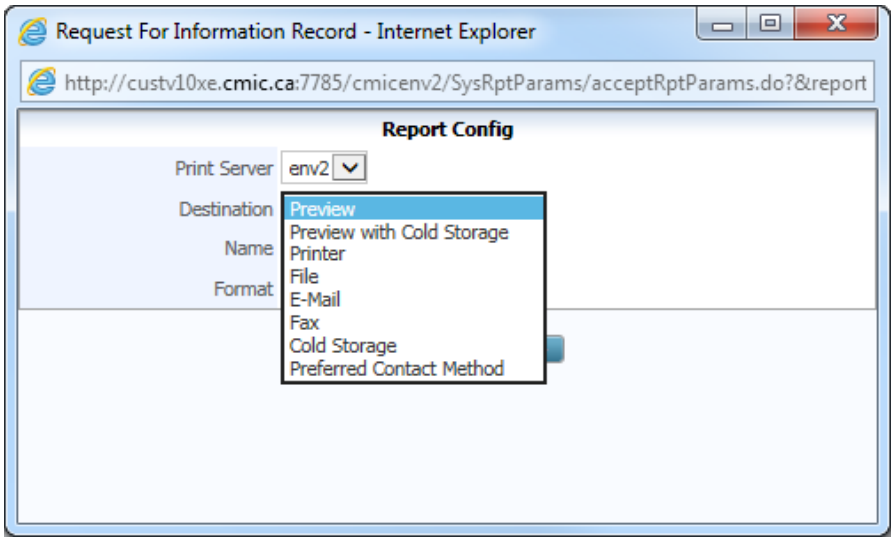
- **Select** – When [**Print**] is clicked, a pop-up will display all the attachments associated to the record, allowing the user to select the attachments to include with the Report/Form Letter:



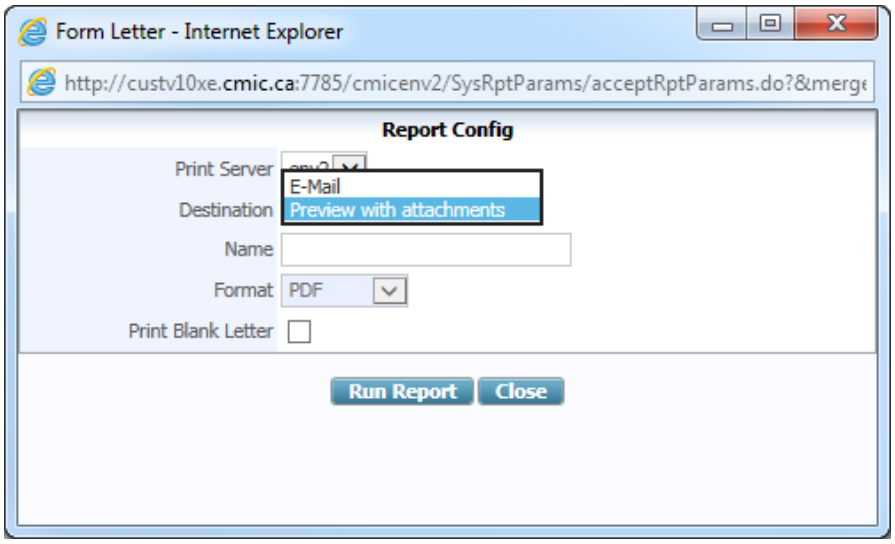
- **Select All** – Automatically appends all the attachments attached to the current record to the Report.
- **None** – No attachments will be appended to the report, even if there are attachments associated with the current record.

NOTE: The **None** option will always apply to JASPER reports, as they do not yet allow embedding of attachments.

Also, when the **None** option is selected for ORACLE reports, all the standard printing **Destination** options are available:

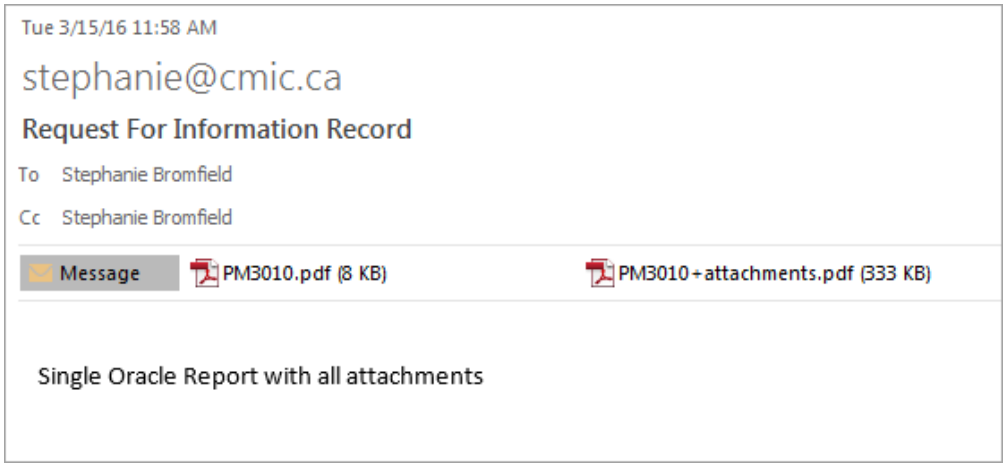


Otherwise, only the **Destination** options **Preview with attachments** and **E-Mail** are available:

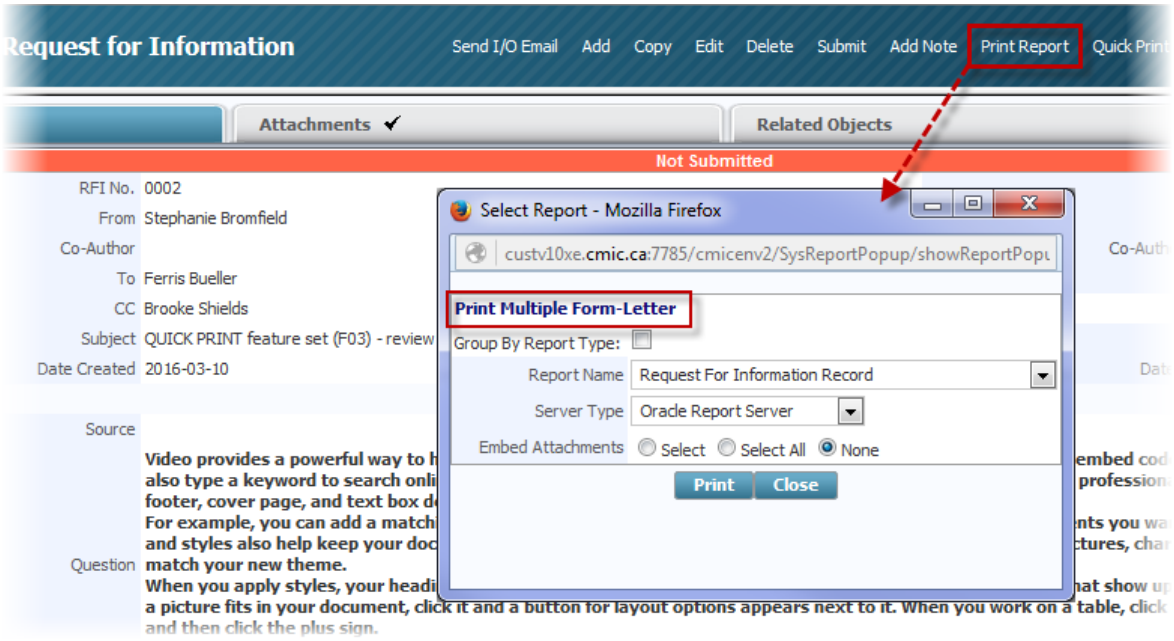


The **Preview with attachments** option displays the Report/Form Letter as a PDF with the attachment(s) at the end.

The **E-Mail** option will send an e-mail with two attachments, shown below: one is a PDF of only the Report/Form Letter, and the other is a PDF of the Report/Form Letter with the attachment(s) appended to the end of it.

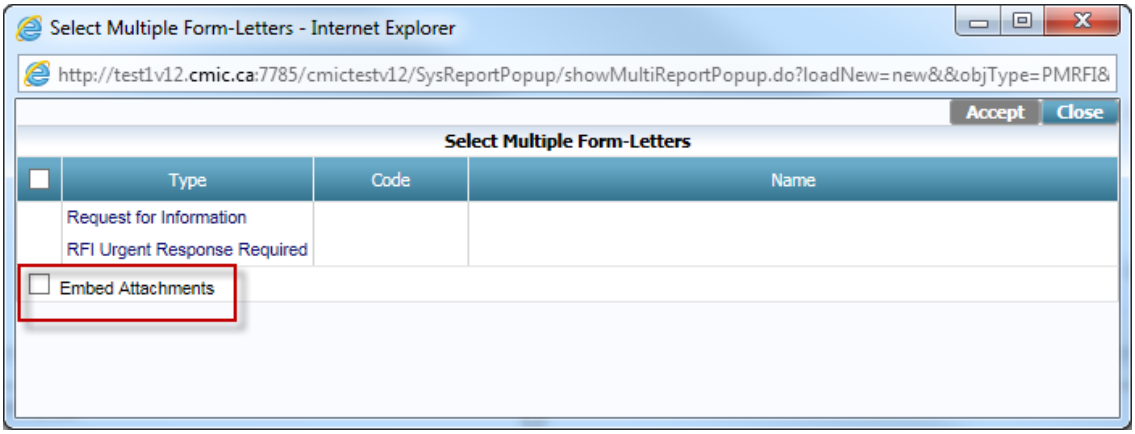


Print Multiple Form Letters with Embedded Attachments (merged FS03)



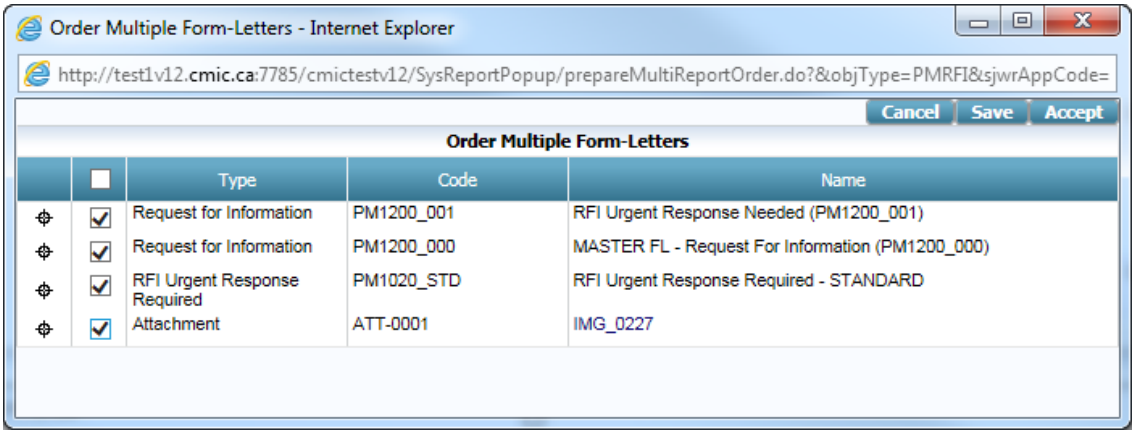
The **Print Multiple Form-Letter** link, framed above, is used to select one or more Form Letters for printing, and it is used to select one or more attachments (PDF, JPG, PNG, BMP, JPEG, TIFF), associated with the displayed record, to print with the Form Letters.

The following is a sample of the pop-up launched by the **Print Multiple Form-Letter** link:

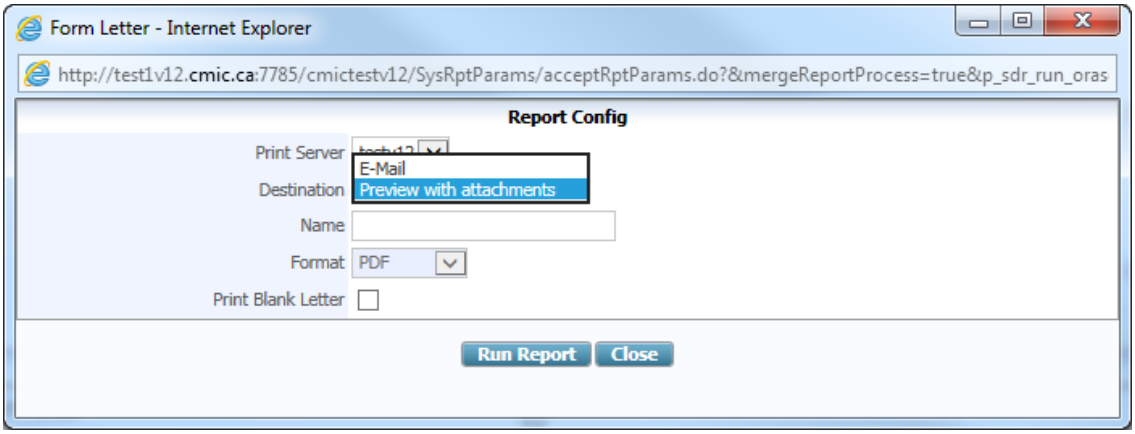


The **Embed Attachments** check-box, when checked, indicates that the selected attachments are to be merged into the final document (PDF) comprised of the selected Form Letters. The attachments get appended to the end of the PDF.

After clicking [**Accept**] on the previous pop-up, the following pop-up is displayed, to select the Form Letters to include in the composite:



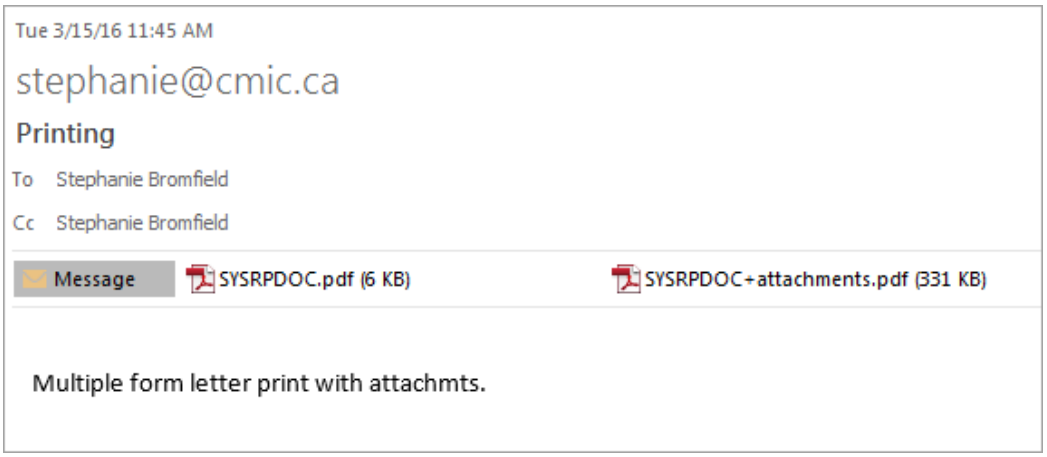
After clicking [**Accept**] on the previous pop-up, the following pop-up is displayed, to select the final printing parameters, such as **Print Server** and **Destination**.



When printing using this enhancement, only the options **Preview with attachments** and **E-Mail** are available as destinations (printing options are available through the web browser displaying the preview).

The preview will display the printed Form Letters with the attachment(s) at the end.

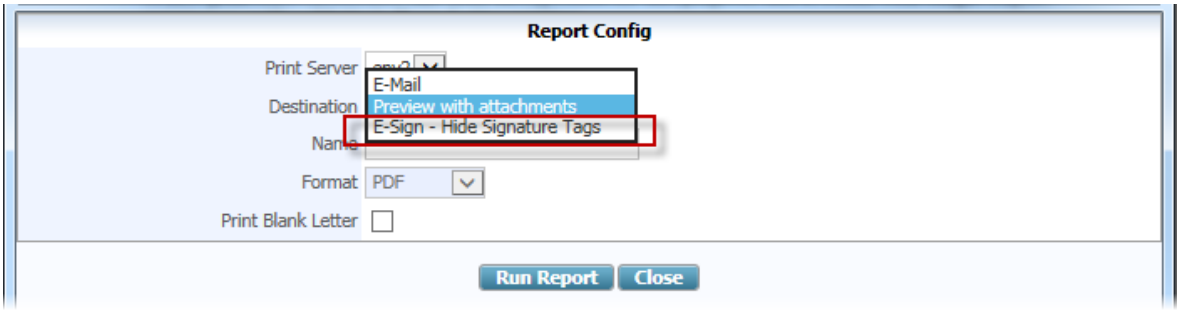
The **E-Mail** option will create an e-mail with two attachments, shown below: one is a PDF of only the Form Letters, and the other is a PDF of the Form Letters with the attachment(s) appended at the end.



Hide Text in PDF (White-Out Text) – merged FS03

Text can be hidden by 'whiting out' certain characters or tags which appear in PDF documents (Oracle Reports or Form Letters).

The new print DESTINATION: **'E-Sign – Hide Signature Tags'** has been incorporated for this purpose, and it works with Single Report printing as well as Multiple Form Letter printing.



Note that the **Forma**t is defaulted as PDF and is not editable for this destination.

The 'white-out' does not apply to any PDF attachments (to the main report).

For E-Sign, the tags that are considered are:

	ESIGN_TAG_DESCRIPTION	ESIGN_TAG
1	Signature	\s{r}\
2	Initial	\i{r}\
3	Date Signed	\ds{r}\
4	Full Name	\fn{r}\
5	Date	\d\
6	Email	\e{r}\
7	Envelope ID	\eid\
8	First Name	\fsn{r}\
9	Last Name	\lsn{r}\
10	Email Address	\ea{r}\
11	Optional Signature	\os{r}\
12	Optional Initial	\oi{r}\
13	Signer Attachment	\sa{r}\
14	Company	\c{r}\
15	Title	\t{r}\
16	Approve	\a{r}\
17	Decline	\de{r}\
18	Note	\n{r}\

Converting DOCX to PDF when Printing Documents (merged FS03)

RULES

To convert an MS Word DOCX file to PDF, the following rules apply:

I. DOCX template must not be in compatibility mode on MS Word 2016

II. For layout, use tables, otherwise there will be a misalignment issue and CMiC will not be supporting this.

III. Use of MS Word Objects can result in a conversion failure. Please avoid using MS Word Objects as CMiC will not support conversion issues related to them.

FEATURE DESCRIPTION

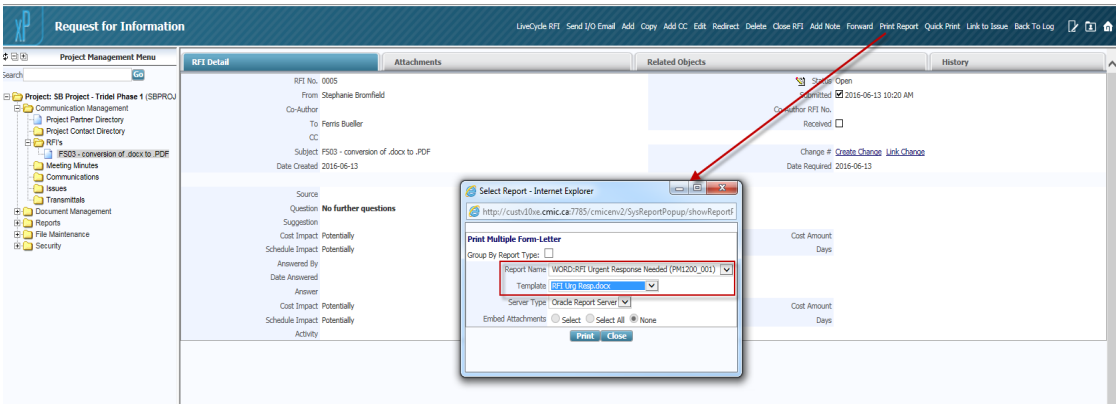
This feature allows the user to print a DOCX file as a PDF rather than only as a DOCX, the only option which was available in CMiC up to this point.

When printing a Form Letter based on a DOCX template the available destinations are “Preview” and “Email”.

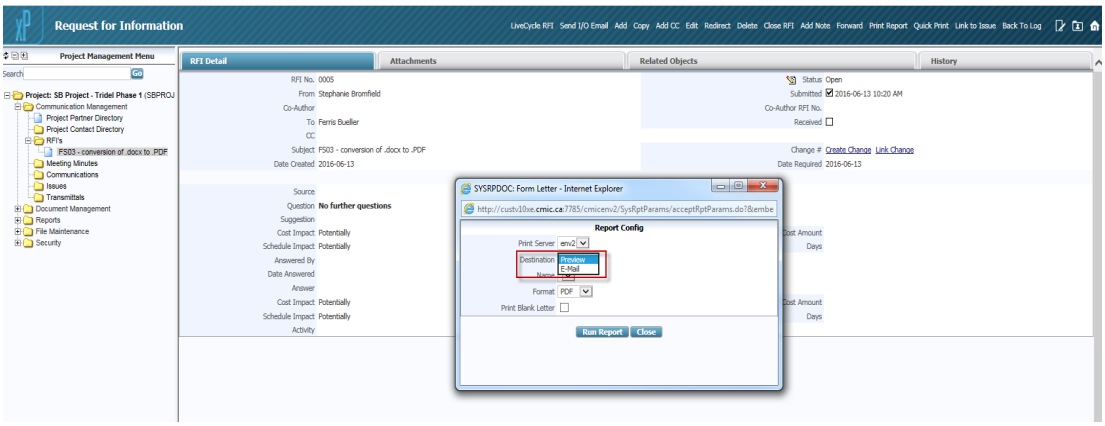
When “Email” is selected, the Email popup offers additional format options: PDF or DOCX.

Below are sample screenshots for a possible path to printing a PDF from a DOCX report.

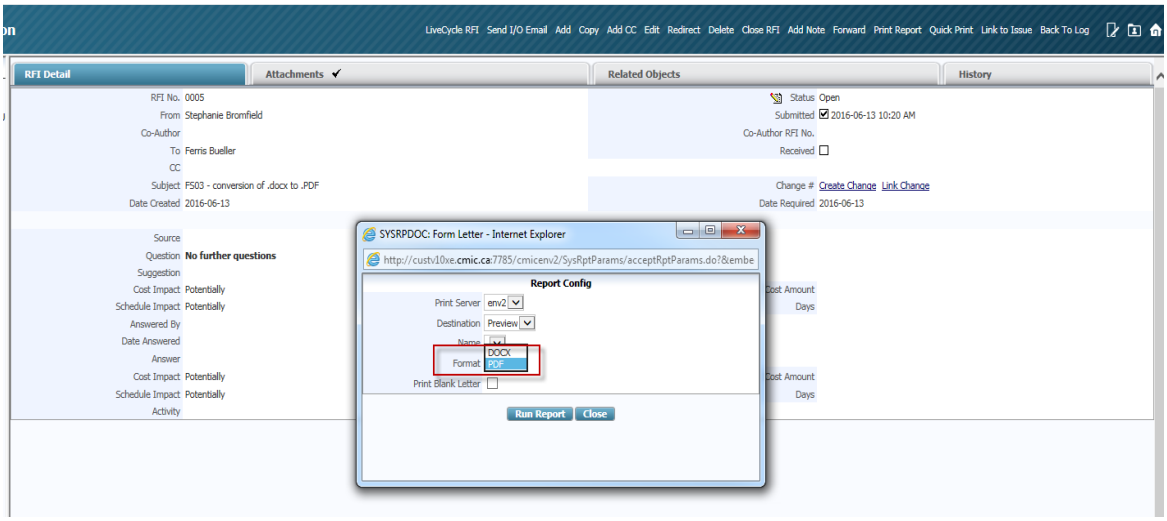
First, select the DOCX report from the reports list when the [**Print Report**] button is clicked:



Next, select the **Destination** and **Format** on the Report Config popup window:

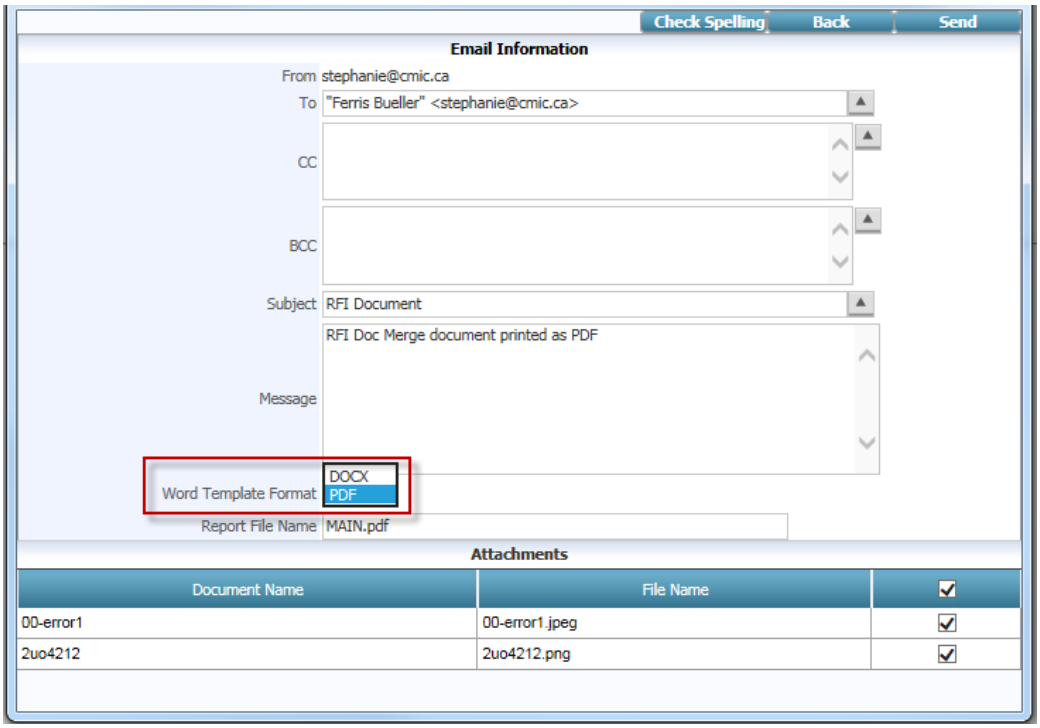


When the Destination is 'Preview', you can chose the Format as either DOCX or PDF.



PDF will display the DOCX as a PDF document. DOCX will display the DOCX in its unconverted format (as per original functionality).

When the Destination is set to 'Email' the **Email Information** screen is displayed with the ability to select the Format. In this screen you can select the PDF format for the DOCX report. You can also select any attachments you want to have accompany the main report.



Select PDF then click [**Send**], and the resulting e-mail that is sent will have the DOCX report converted to a PDF:



Enterprise Content Management (merged FS06)

Enterprise Content Management is a CMiC document management and tracking system that integrates Image Manager and Project Management with MS Outlook and MS Word via plug-ins.

Within Outlook, emails and email attachments can be dragged from Outlook and dropped onto an Image Manager folder (including PM Attachments) or file, thereby creating a new document or document revision in CMiC. Word documents can also be modified in the Image Manager interface. Once the documents are loaded into CMiC via ECM, other CMiC programs can use them (e.g. Workflow, PCI's, Subcontracts, Daily Reports etc.).

Pre-requisites

Imaging Security setup for relevant Imaging Document Type

PM Document security set up for Attachments document type (for now only this type is supported).

Ensure IMG Systems Options (IMG_SYSTEM_OPTION) flags for ECM are turned on:

- IMGSO_IMGMGR_FLAG
- IMGSO_PMDOC_FLAG

  * if the Imaging flag is on, the Imaging folders will be displayed in the Outlook plug-in.

  * if the PM flag is on, the PM folders will be displayed in the Outlook plug-in.

  * if the flags are off, the folders do not appear in the Outlook plug-in.

Installation of Plug-ins

If the Plug-in has not been installed on your system, contact your System Administrator to obtain the required files and run the .exe for the necessary plug-in, or have them installed by your IT Department.

For **Outlook**, use and run the setup.exe file in the **Outlook Plug-In** folder.

For **Word**, use and run the setup.exe file in the **Word Plug-In** folder.

For silent/parameterized installation:

a. Install Prerequisites:

Install the ECM plugin prerequisites silently using these commands:

"Installer Folder Path\VSTOR30\vstor30.exe" /q:a /c:"install /q /l"

"Installer Folder Path\VSTOR30\vstor30sp1-KB949258-x86.exe" /q:a /c:"install /q /l"

b. Install Plugin:

After installing the prerequisites, run the "setup.exe" with the following CML statement:

For normal installation:

"Installer Folder Path\setup.exe" /q

For Parameterized installation pass the values with following parameters:

SETALLUSERS – possible value (0/1)

SERVICEURL- [servername]/[environmentname]

Examples:

"Installer Folder Path\setup.exe" /q SETALLUSERS=1

"Installer Folder Path\setup.exe" /q SETALLUSERS=1 SERVICEURL= <servername>:<xxxx>/<environmentname>

Dragging & Dropping Emails & Attachments

Users can drag and drop emails or document attachments from Outlook or the desktop to the CMiC ECM section.

Files

For Enterprise Documents, dragging and dropping a file to a folder adds it to that Imaging Document Type. Doing so to an existing version of the same file creates a **revision** of the file.

For Projects, dragging and dropping a file to the folder creates new PM item with an attachment. The attachment type depends on the Manage Uploads setting in the project context menu. When the same is done on the existing PM item – the new document (the type depends on the Manage Uploads setting) gets added to the item.

Emails

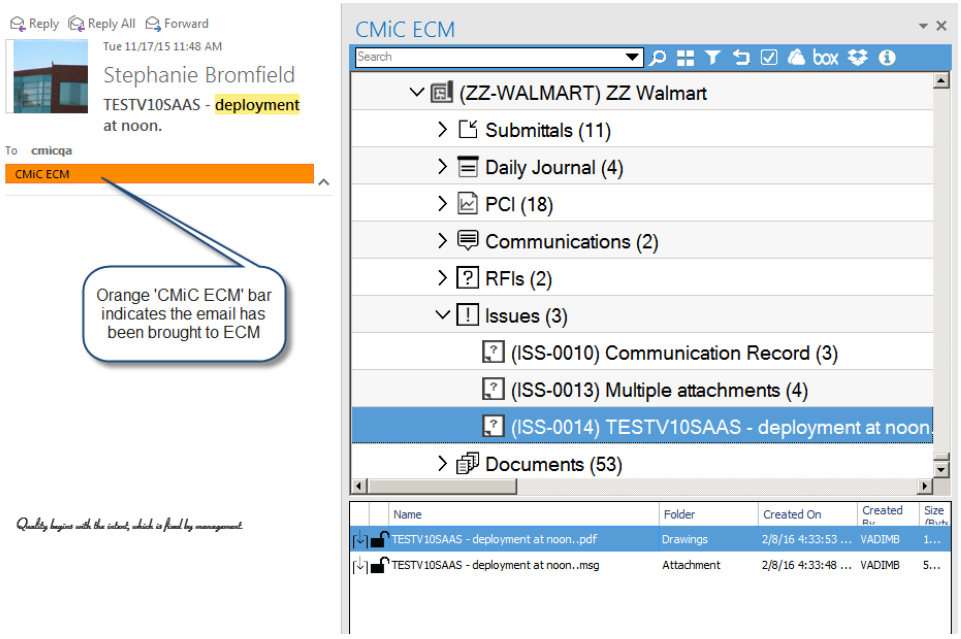
When an email is dragged and dropped to the Image Document Type node in Enterprise Documents, the new document is created in Image Manager.

If it is done to the EMAIL folder (created in Imaging for the emails), the parsing is applied to separate the author, subject, body etc. The email is stored in the system as a PDF.

If an email is dragged and dropped to the PM item node in Projects, the new PM item is created with attachments of the email body in PDF and MSG formats. Email attachments (if any) will be added as well. The attachment's type depends on the Manage Uploads setting.

If an email is uploaded to the existing PM item – new attachments will be added as the document type set in the Manage Uploads setting.

In an email, the orange **CMiC ECM** indicator, shown below, indicates that the email has been brought into the ECM system.

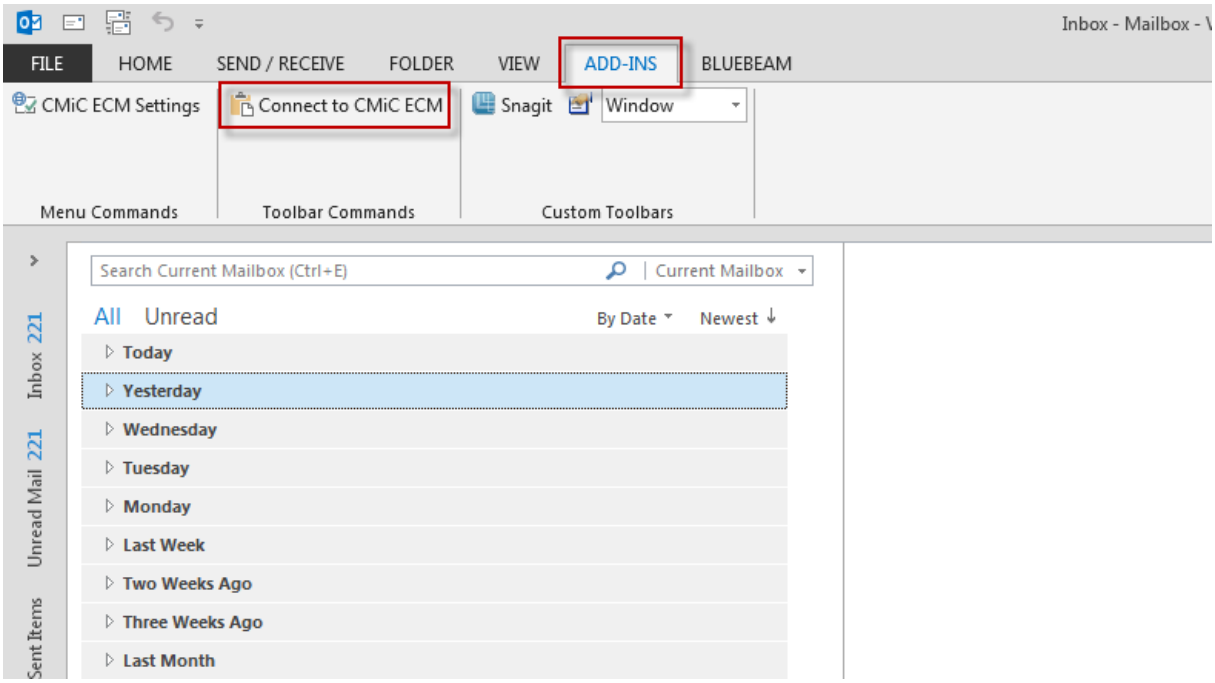


The emails with this orange bar can be sorted on Category to get them all grouped together.

Double-click on the PDF in ECM and the interface to CMiC Enterprise (Image Manager) will be displayed after logging in.

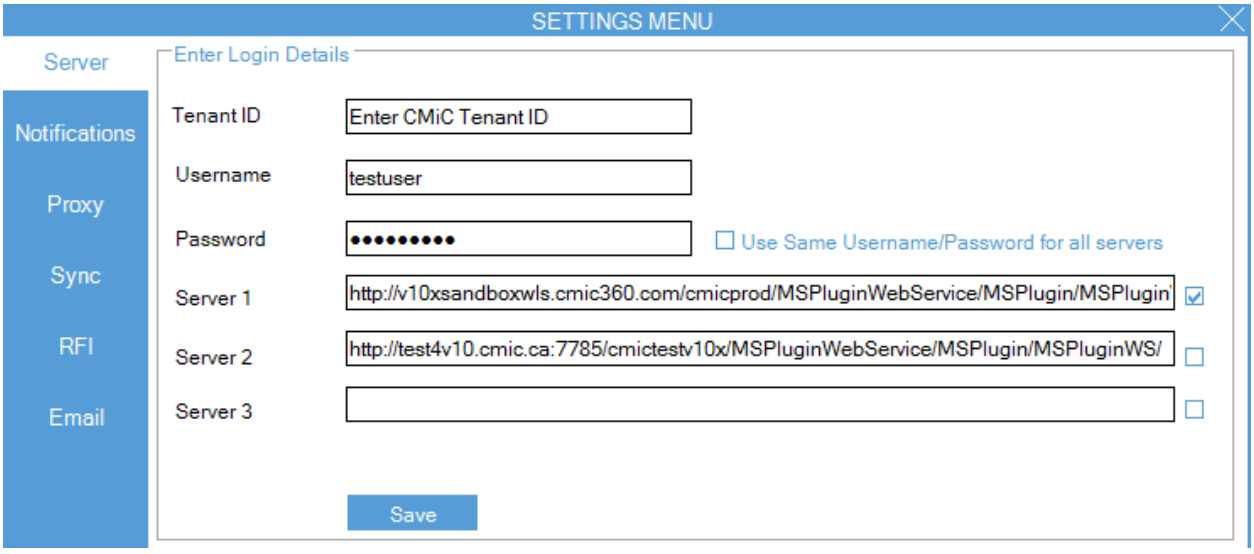
NOTE: If a WORD document is dragged and dropped on one of these document types, its changes can later be managed through the WORD Plug-in, described further below.

ECM in Outlook



The CMiC ECM Plug-In is located on the **ADD-INS** tab of the Outlook.

Clicking on the **CMiC ECM Settings** gives the following popup:



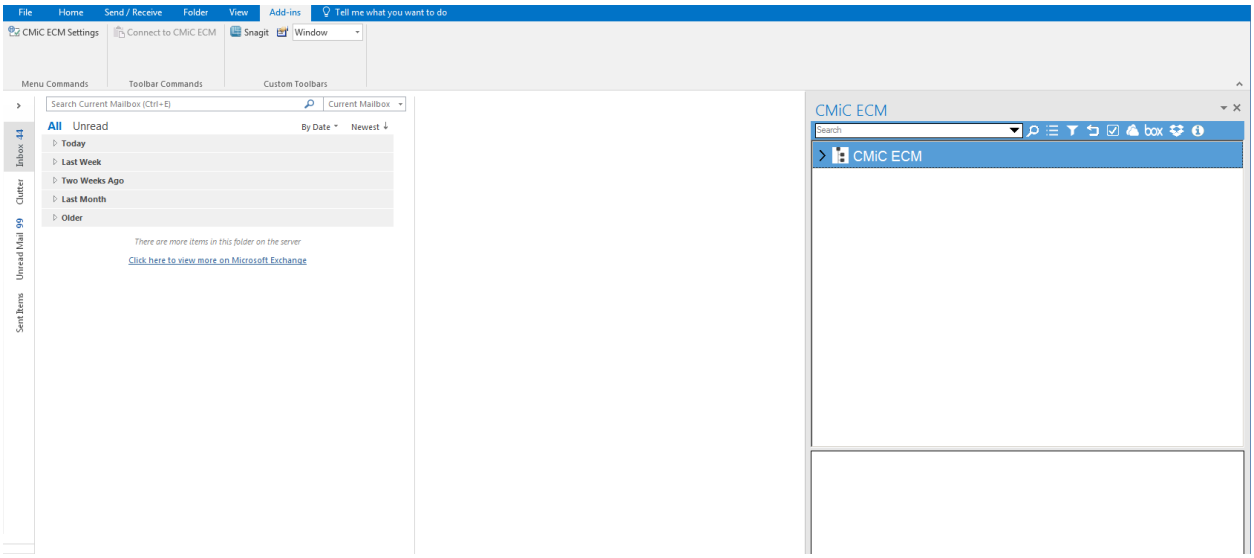
Enter the Single Sign-On (SSO) user-ID, password and URL for the CMiC environment that is applicable.

Click [**Save**]. The user's security profile for the environment will take effect.

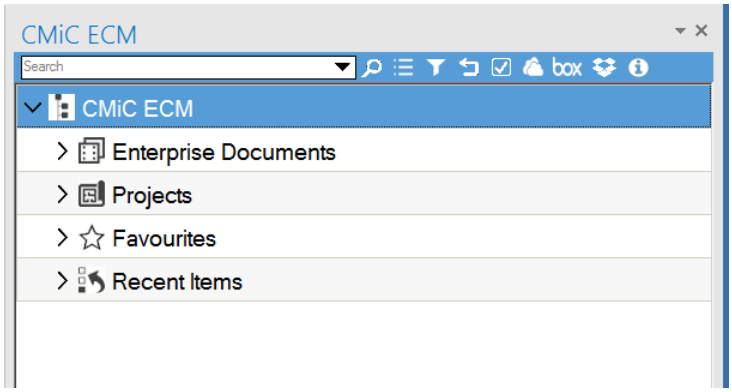
These settings will be retained every time the user signs into MS Outlook, until they are changed for another user.

NOTE: Please check the *Settings Menu* section for other menu items description.

Clicking on the [**Connect to CMiC ECM**] button will display the CMiC ECM section in Outlook:



Click the **CMiC ECM** root node to expand the tree, revealing its 4 sub-nodes:



CMiC ECM Node	Description
Enterprise Documents	Provides access to ECM documents in Image Manager.
Projects	Displays Treeview with PM menu items.
Favourites	Provides quick access to selected projects.
Recent Items	Stores documents accessed recently.

Expanding the nodes will display the folders and items under them. The displayed information is dependent on the user's Imaging and Project Management security.

Plug-In Interface Features

1. **Control Panel**

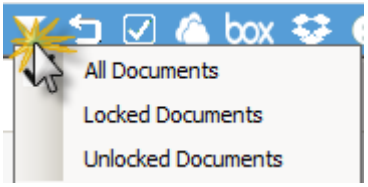


A. 

Performs the text search across the ECM content.

B. 

Filters the documents to be displayed. Available options are:



C. 

Scrolls to the current Project node if it is not visible.

D. 

Show/Hide option in the Treeview to select the Project, PM objects and Document types nodes to be visible for the user.

E. 

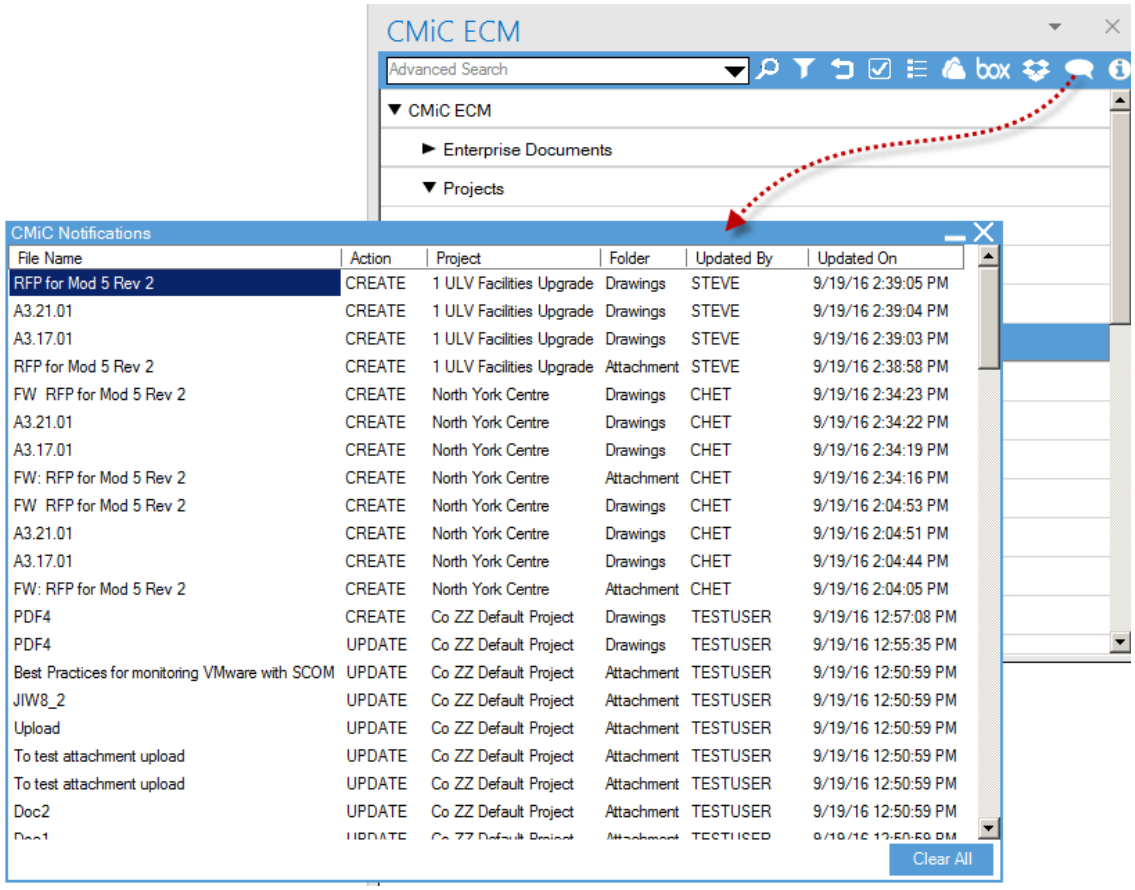
Turns on the pane where user can edit the document metadata. If plugin is connected to cloud storage, this pane is used to display the cloud content.

F. 

These buttons are used to connect to the cloud storage or (if connected already) to display the content stored on the cloud. Currently OneDrive, Box and DropBox are supported. For more details please refer to *Using Cloud Storage* section.

G.  / 

The documents update indicator for the accessible projects. It becomes green when there are new notifications. When clicked it opens the window with the list of the document updates:



H. 

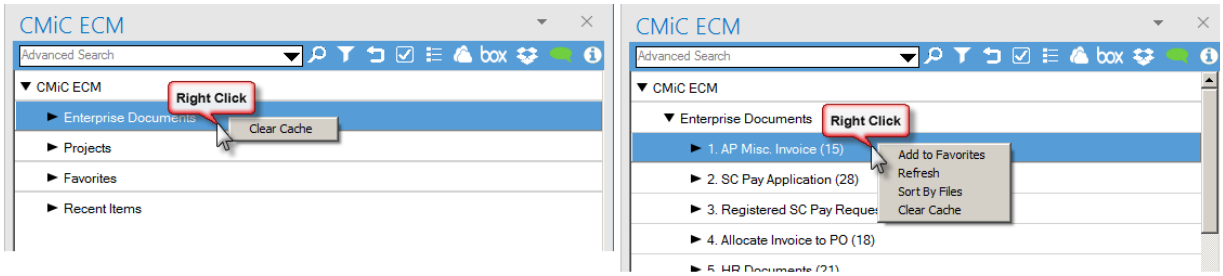
Displays the versions of installed ECM plugin and Web service:



2. **Context Menus** (Right-Click Menus)

For each of the CMiC ECM nodes, there is a context menu that can be accessed via a mouse right-click.

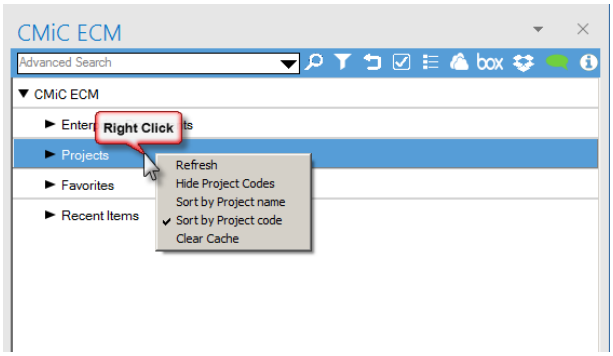
Enterprise Documents – ECM Node



Context Menu Options (Right-Click):

1. **Add to Favorites** - Adds selected project to **Favourites** node for quick access.
2. **Refresh**: update the document list of this type from the server. This option is available for the document folders only.
1. **Clear Cache**: clear the local computer's cache.

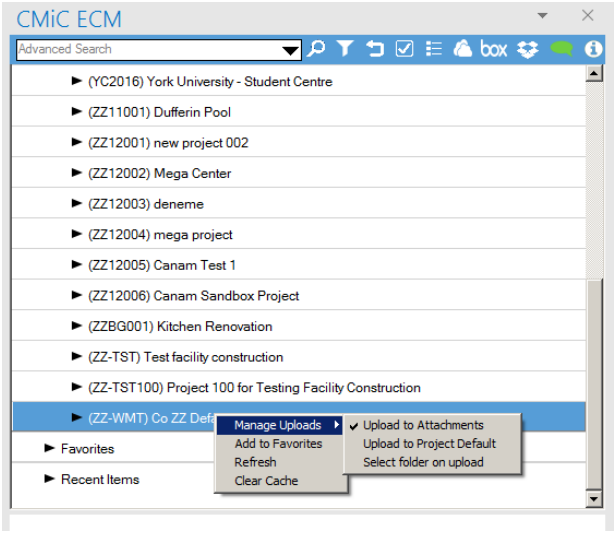
Projects – ECM Node



Context Menu Options (Right-Click):

1. **Refresh**: updates the Projects tree from the server.
2. **Hide Project Code / Show Project Code**: hides or displays the Project Code.
3. **Sort by Project name / Sort by Project code**: sorting options for the list of Projects.
4. **Clear Cache**: clears the cache on the local computer.

Project Records



Context Menu Options (Right-Click):

1. **Manage Uploads**
    - **Upload to Attachments**: file will be uploaded to the Attachment document folder.
    - **Upload to Project Default**: file will be uploaded to the default folder set in the Project System Options screen.
    - **Select folder on upload**: a pop-up will open allowing you to select the document folder.
2. **Add to Favourites**

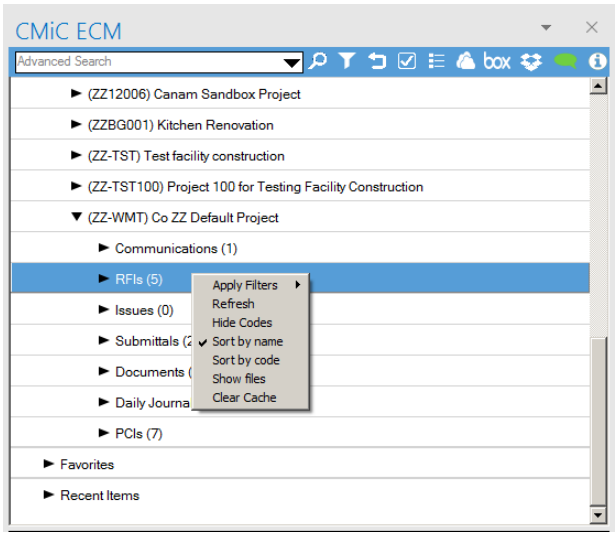
    This option is used to add a selected Project to the **Favourites** node for quick access.

    The  icon appears next to the project added to 'Favourites';
3. **Refresh**

    Updates the displayed items.
4. **Clear Cache**

    Clears the cache on the local computer.

Project Items



Context Menu Options (Right-Click):

1. **Apply Filters**

   The option is used to apply filters to the selected type of the PM items.

   - **Mine**: shows the PM items that have user names in the **To** or **CC** fields.
   - **Not Submitted**: only PM items which are created but not submitted are displayed;
   - **Open Items**: shows the PM items with status other than "**Closed**".

2. **Refresh**

   Updates the displayed items.

3. **Hide Code / Show Codes**

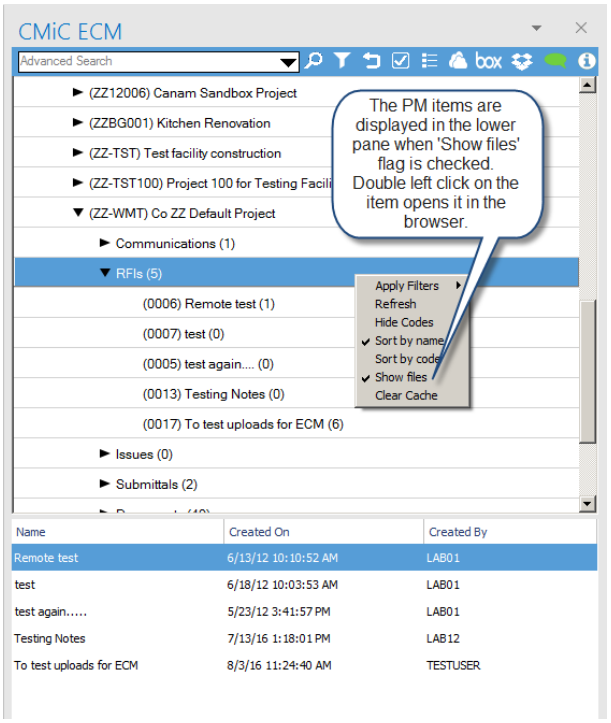
   Hide or display the PM item IDs.

4. **Sort by name, Sort by code**

   Flags to control the sorting order of the PM items.

5. **Show files**

Shows the list of PM items in the lower pane of the ECM section.



6. **Clear Cache**

Clears the cache on the local computer

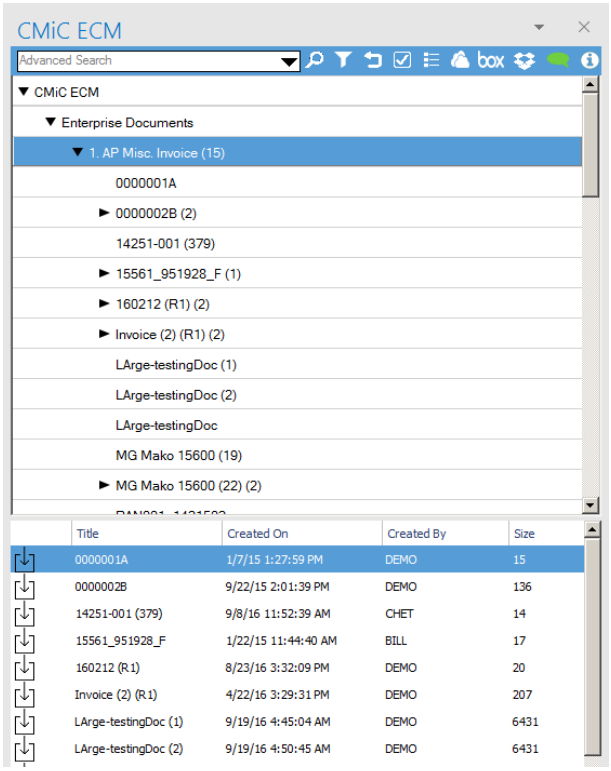
NOTE: The context menu for PCI and Daily Journal does not have **Apply Filters** and **Show Files** options. The **Documents** context menu has the same options as that of **Enterprise Documents**: **Clear Cache** and **Refresh**.

3. **Detail Pane**

The **Details** pane is located at the bottom of the ECM section and it shows information about a highlighted item.

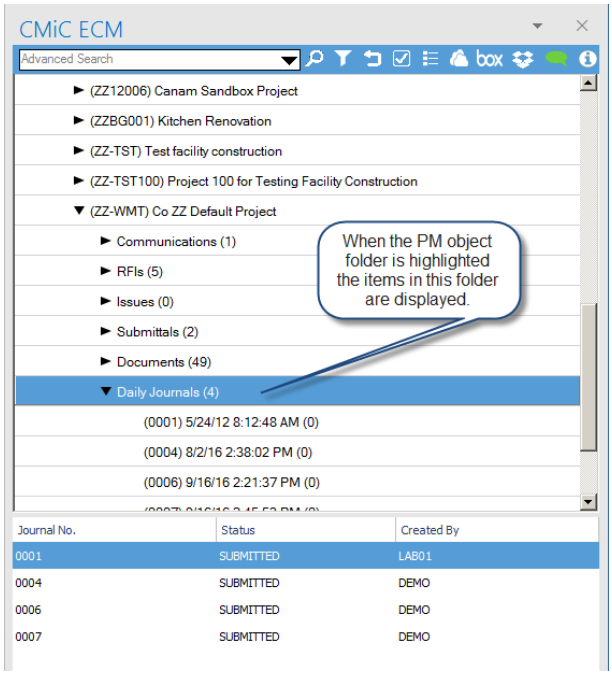
Enterprise Documents

When the document type node is highlighted, the files stored in this folder are displayed in the **Details** pane. Double-clicking the file will open it in the viewer:

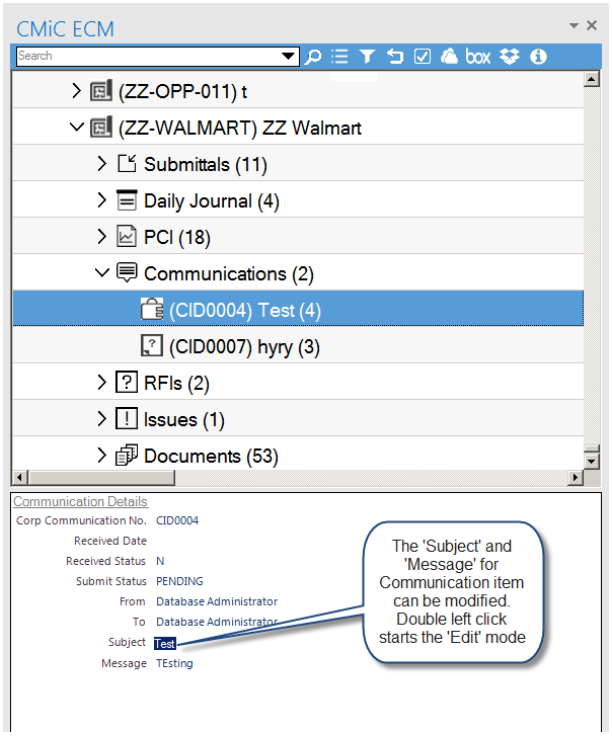


Projects

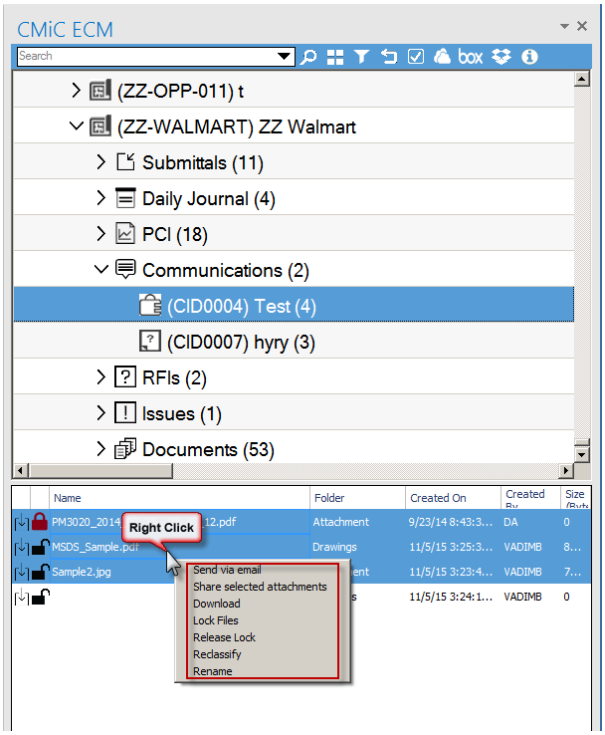
When the PM items folder is highlighted the items in this folder are displayed:



In Details mode, the information in some fields can be modified. Double clicking fields starts the Edit mode:



In Attachment Detail mode, the following options are available (upon right-click on selection):

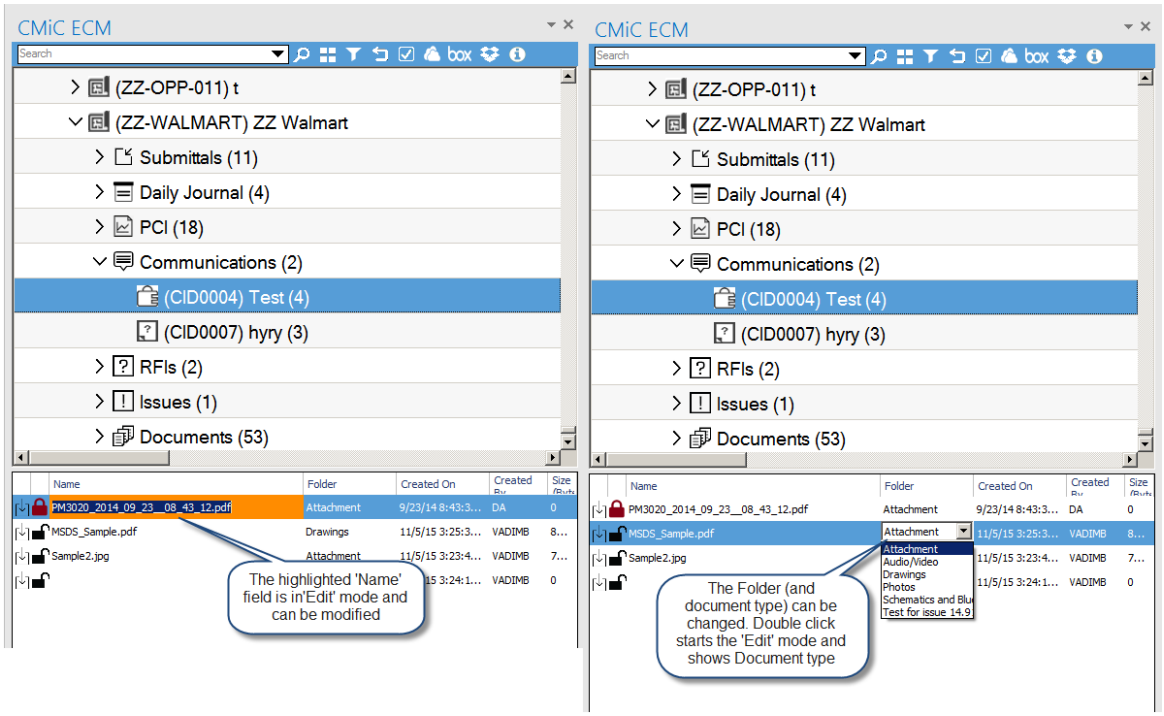


For multiple selection:

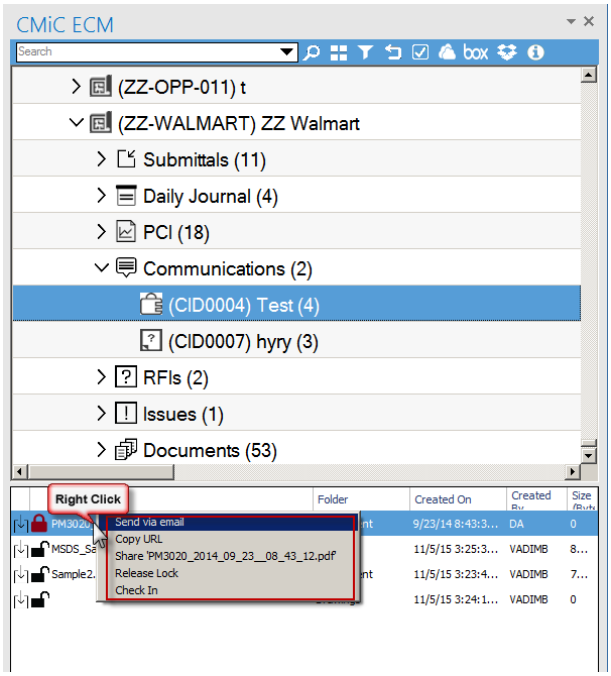
- Folder (and document type) for the selected documents can be changed (**Reclassify** option).
- Title of the selected documents can be modified (**Rename** option).
- Selected documents can be downloaded from the system (**Download** option).
- Selected documents can be locked/unlocked (**Lock/Release Lock** options).
- Selected documents can be sent by email; if **Compress all the attachment into ZIP file** flag on the **Email** tab is checked, the documents will be archived and attached to the email.
- Selected documents can be shared; when this option is chosen, the new email screen opens with links to the selected documents.

For single attachments:

- Double clicking on **Name** or **Folder** field starts Edit mode and allows users to change the document title or folder (type) of the selected document respectively:



- Right clicking starts the context menu with following options:



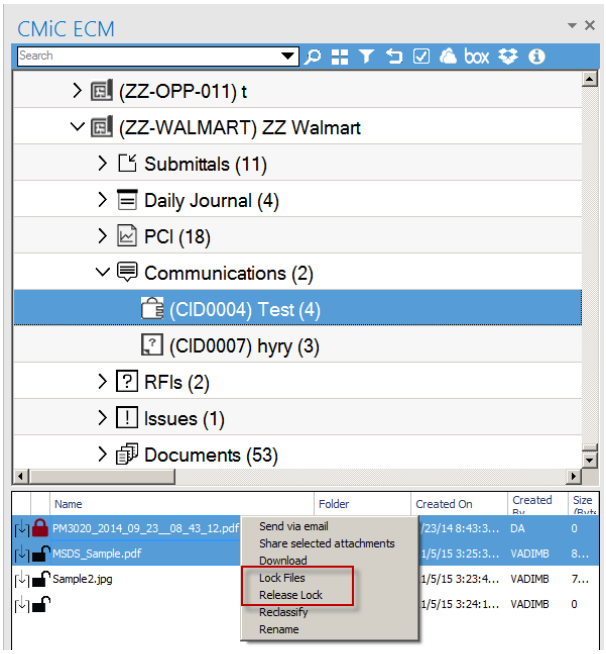
- **Send via email**: creates email with the selected document attached (or archived if corresponding flag is set in the 'Settings'/'Email');
- **Copy UR**: Copy URL for selected file to the buffer for later use.

- **Share <*file name*>:** Creates the email with link for the attachment to be shared.
- **Lock File / Release Lock**: Locks/unlocks the selected file.

  Note, if some of the selected documents are locked and some of them are unlocked, the context menu shows both options. When selected, the system applies the locking/unlocking action accordingly:

  Lock Files: applied to unlocked documents only.

  Release Lock: applied to locked documents only.



- **Check In / Check Out**: Starts the dialog box to:

  I. Select the file for uploading and creating new revision of the selected document or to select place to download the selected attachment – Check In.

  II. Select the place to download the selected document – Check Out.

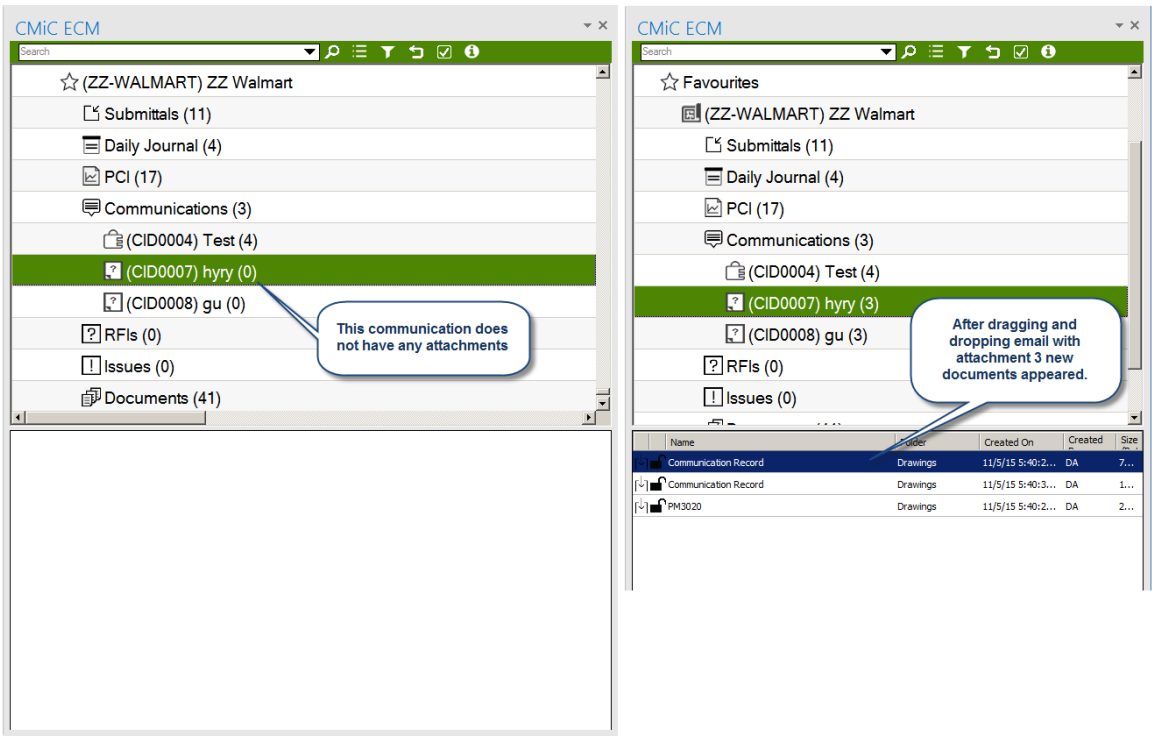
ECM - Project Management Integration

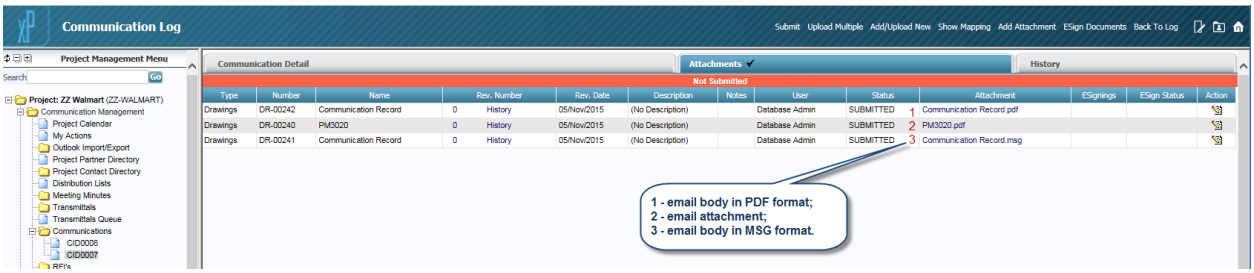
Communications, Submittals, RFIs, Issues, Documents, Daily Journals, PCIs, Subcontracts and Subcontract Change Orders are currently the only PM objects (records) that are integrated into ECM.

Un-submitted RFI, Issue and Communication records can be created through the drag + drop actions. Any attachments on the email will become attachments on the created records.

Communications

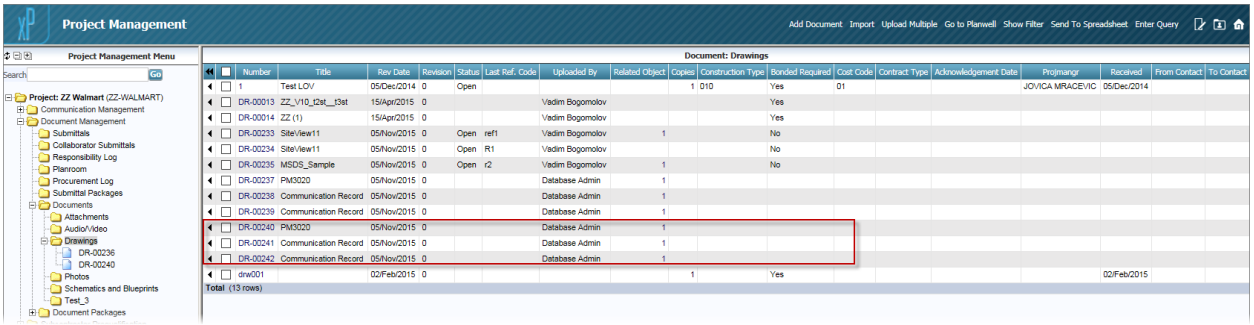
Dragging and dropping an email or file on the Communications folder in CMiC ECM will cause an un-submitted communication record to be created with attachments of the document type based on settings in Manage Uploads.





Double-clicking the document under the Communications folder in the top pane will open the PM JSP interface for the user's single sign-on to CMiC, and will then show the Communication record.

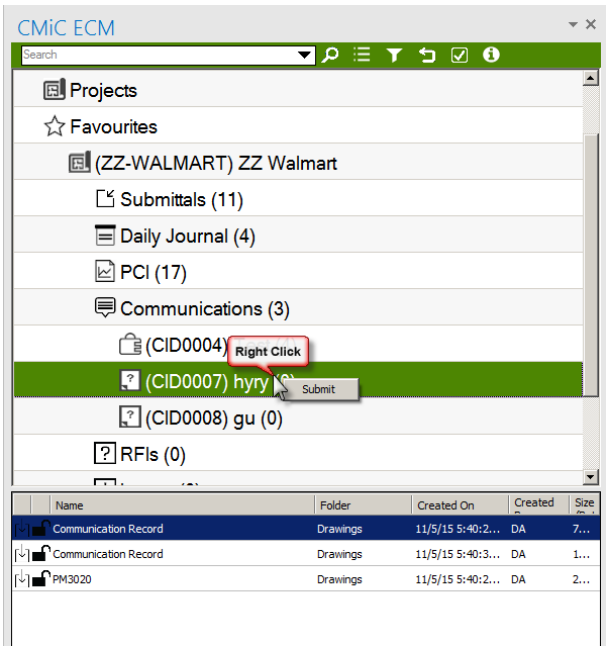
Document records are also created in the Document Management – Attachments folder of the same project:



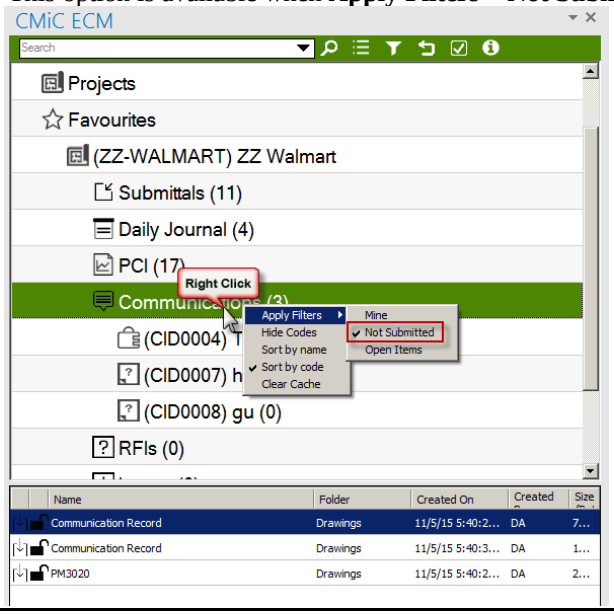
Double-clicking the attachment in the bottom pane will open the attachment in the program it was created in (Excel, Word, and Adobe etc.)

The **Subject** and **Message** fields can be modified in the lower pane of the ECM section when Details Mode is on (please refer to the section 3.B of the ECM plug-in interface features).

Created communication can be submitted from the context menu (right click on the item):



NOTE: This option is available when **Apply Filters** > **Not Submitted** is used:



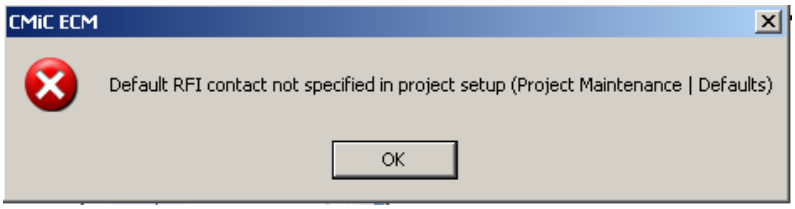
Issues

The Issue object behaves similarly to the Communication object.

Fields available for modifications are: **Subject** and **Description**.

RFIs

The default RFI Contact needs to be set for the projects used in ECM, otherwise an error message will be displayed:



The RFI object functions in much the same way that the Communications and Issues objects do, as previously described.

Fields available for modifications are **Subject** and **Question**.

Submittals

Submittal records are not created from drag and drop actions, and must be created in the PM module. After the Submittal record is created in PM, it appears in ECM's **Submittals** folder so that emails can be dragged and dropped onto the Submittal record. Dragging and dropping an email onto a Submittal record adds the email and its attachments to the Submittal as attachments.

The only field available for modification is **Name**.

PCIs, Daily Journals, SC & SCO

PCI, Daily Journal, Subcontract (SC) and Subcontract Change Order (SCO) records, like Submittals, are not created from drag and drop actions, and must be created in PM to have them available in ECM for drag and drop actions.

After one of these records is created in PM, it appears in the appropriate folder in ECM, so that emails can be dragged and dropped onto the record. Dragging and dropping an email onto one of these record adds the email and its attachments to the record as attachments.

There are no fields available for modification for these items.

Documents

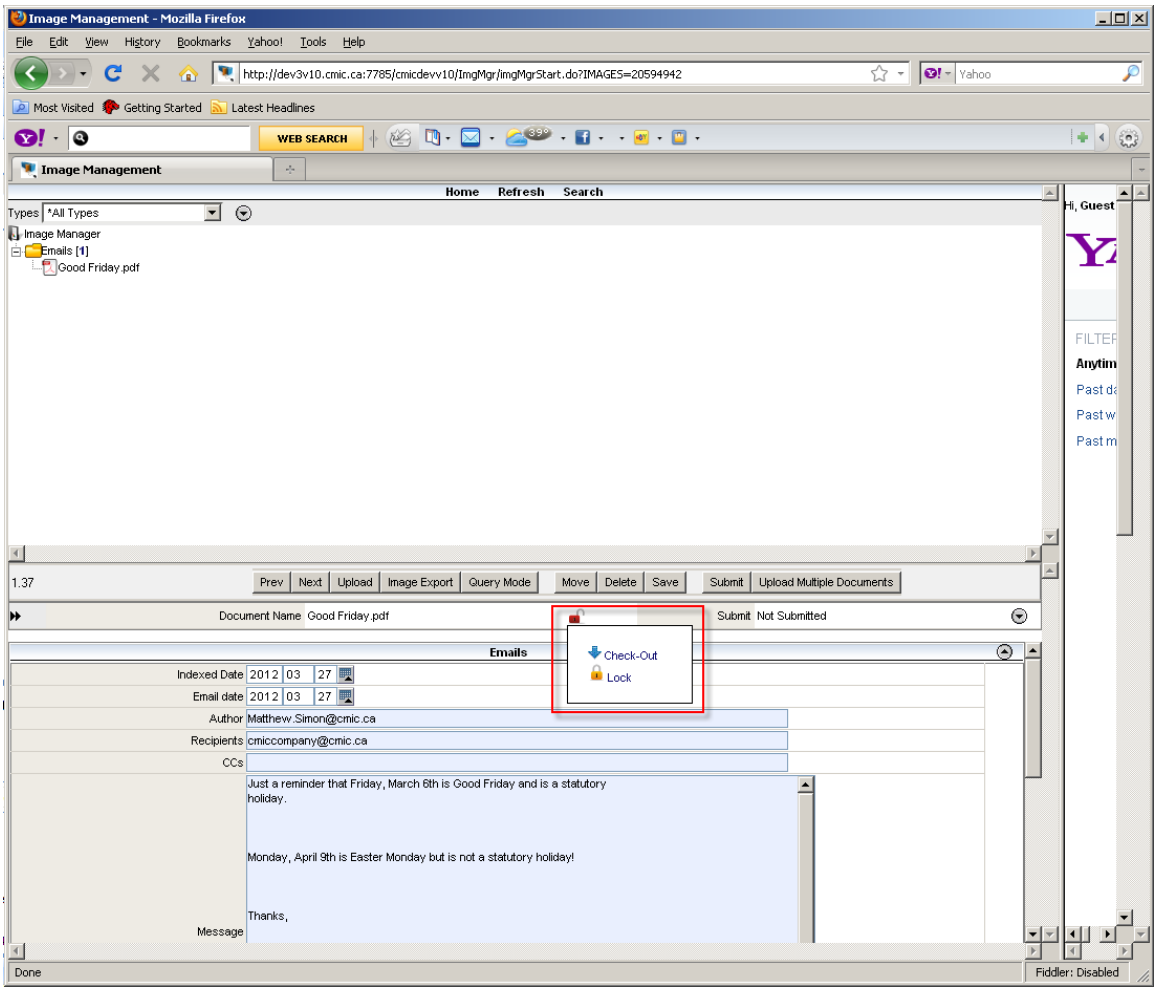
Email messages can be dragged and dropped onto Document records as well. When this happens, both an MSG file (representing the original email) and a PDF representation of the email are created as separate document records under the document type to which the email was dragged and dropped. Thereafter, the documents can be used in other PM objects (PCI, Subcontracts, Notices, etc.) as attachments.

Locking and Checking Out Files

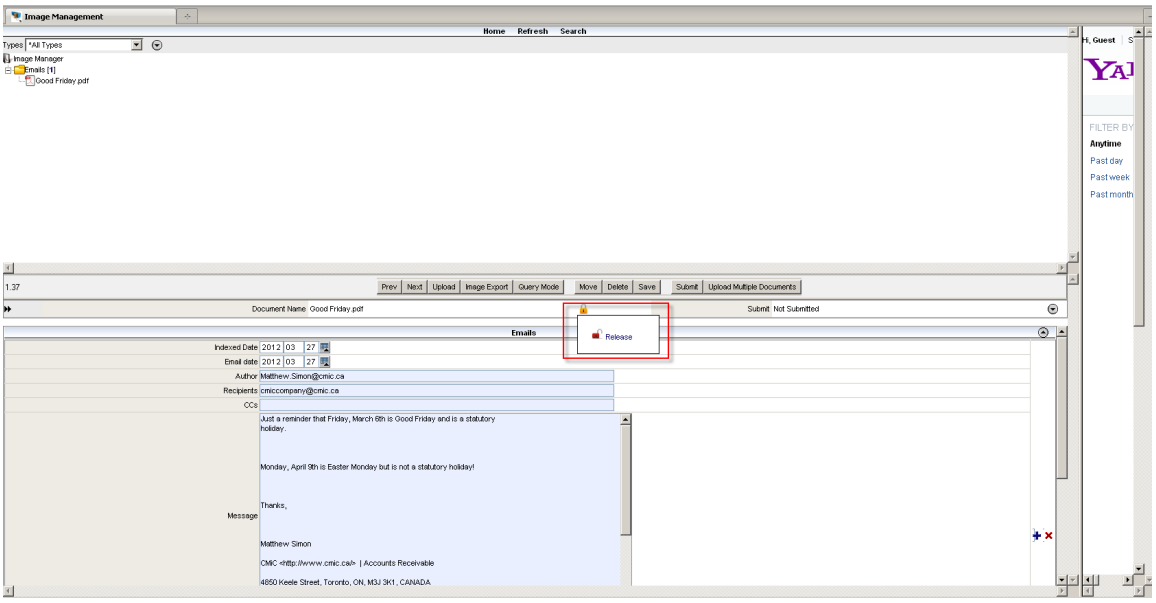
Locking

Locking involves the disabling of access and update rights to files by other users. Files can be locked to prevent them from being overwritten by an uploaded revision. Also, if multiple users are expected to update the same file, the file can be temporarily locked by one user while a revision is being applied, to prevent use by other users in the interim.

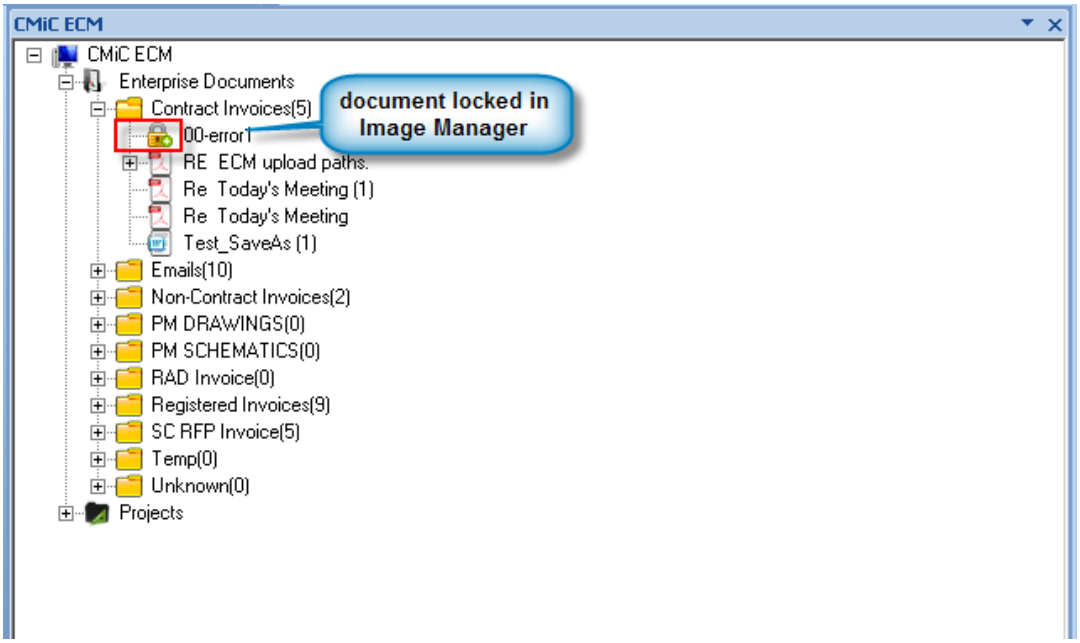
Locking is available when the ECM flags for IMG or PM are set to the 'On' state. That is when the user will see the Padlock icon  .



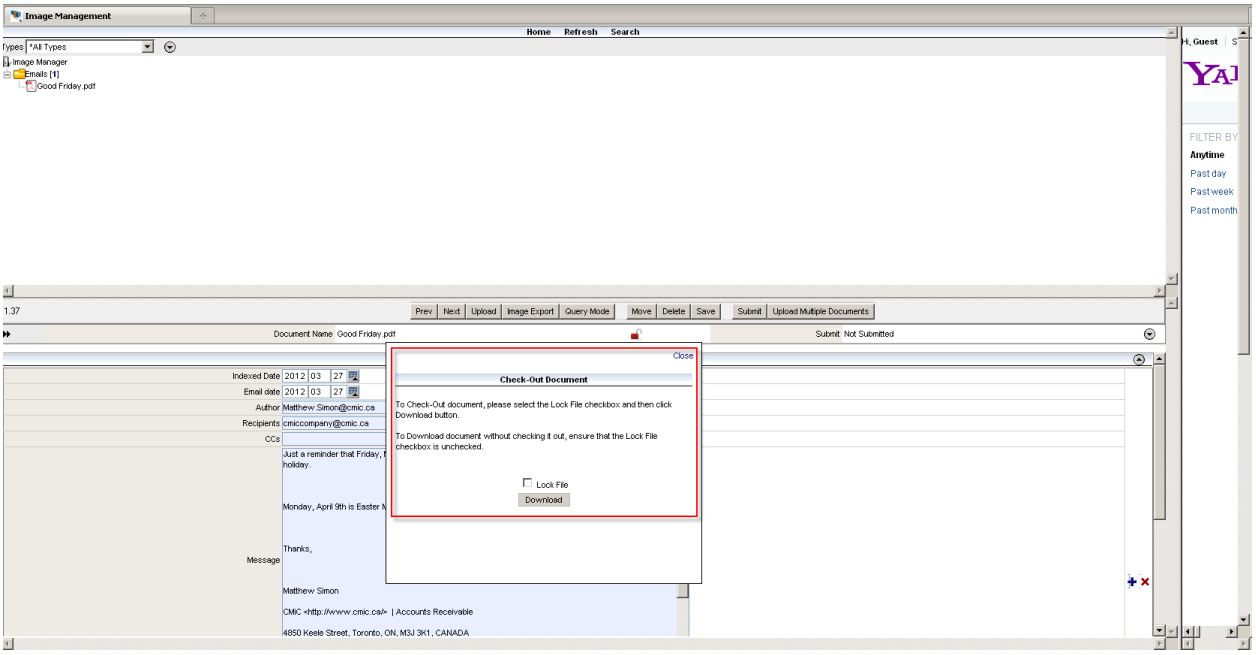
The red lock (highlighted in the screen print above) allows the user to lock or check-out a file.



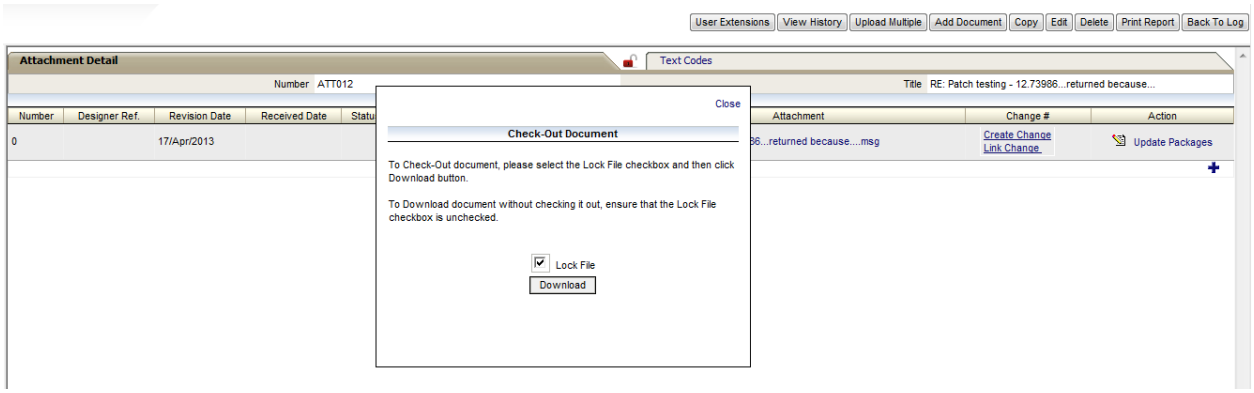
When the document is locked in Image Manager, the icon in ECM changes to a lock as well:



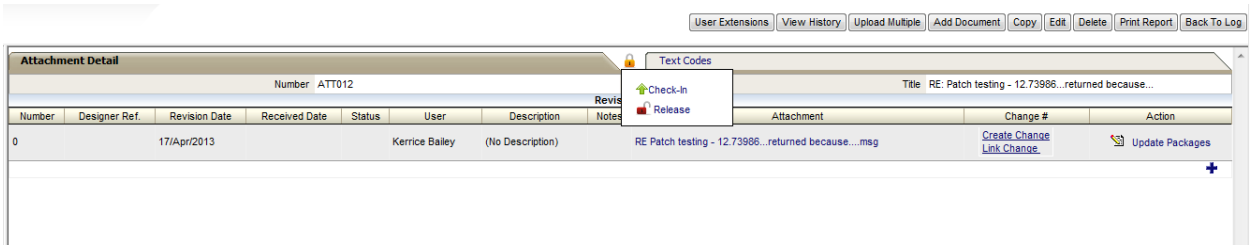
Checking Out



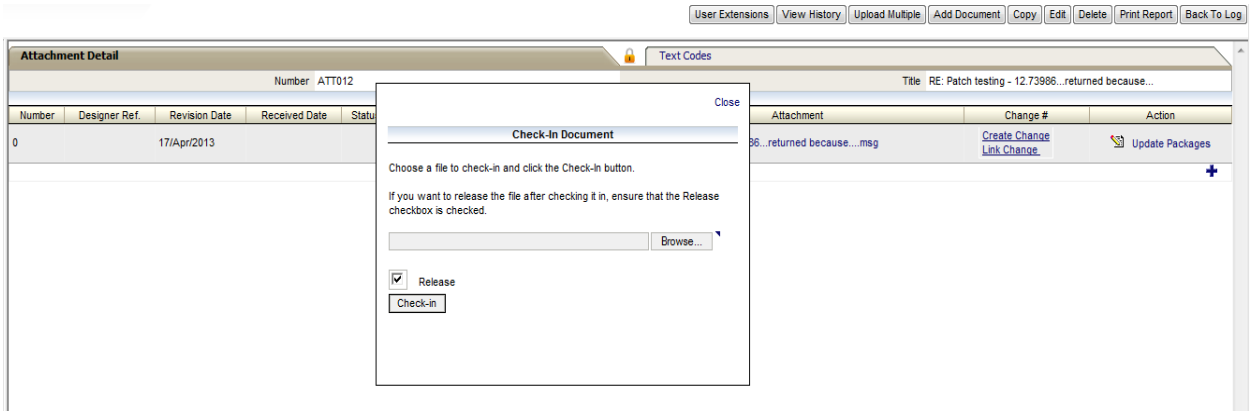
In Image Manager, the Check-Out feature allows the user to download an attachment. The same applies to Project Management Documents:



After the Check-Out action, the icon changes to Check-In:


User Extensions
View History
Upload Multiple
Add Document
Copy
Edit
Delete
Print Report
Back To Log
Attachment Detail
Text Codes
Number ATT012
Title RE: Patch testing - 12.73986...returned because...
Check-In
Release
Number
Designer Ref.
Revision Date
Received Date
Status
User
Description
Attachment
Change #
Action
0
17/Apr/2013
Kerrice Bailey
(No Description)
RE Patch testing - 12.73986...returned because....msg
Create Change
Link Change
Update Packages

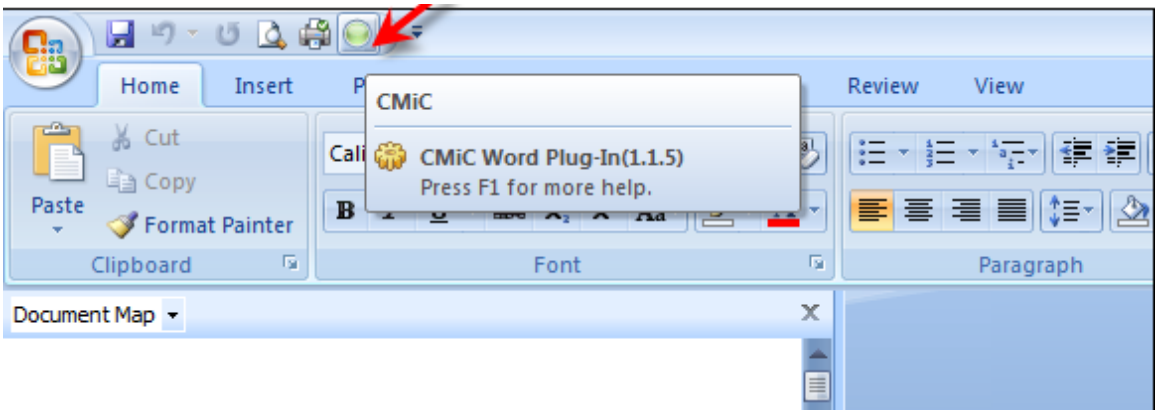
Checking In


User Extensions
View History
Upload Multiple
Add Document
Copy
Edit
Delete
Print Report
Back To Log
Attachment Detail
Text Codes
Number ATT012
Title RE: Patch testing - 12.73986...returned because...
Close
Check-In Document
Choose a file to check-in and click the Check-In button.
If you want to release the file after checking it in, ensure that the Release checkbox is checked.
Browse...
Release
Check-in
Number
Designer Ref.
Revision Date
Received Date
Attachment
Change #
Action
0
17/Apr/2013
Create Change
Link Change
Update Packages

CMiC ECM in MS WORD

Overview – ECM in Word

The WORD Plug-in is meant to be used with versions **above** Microsoft Word 2003.

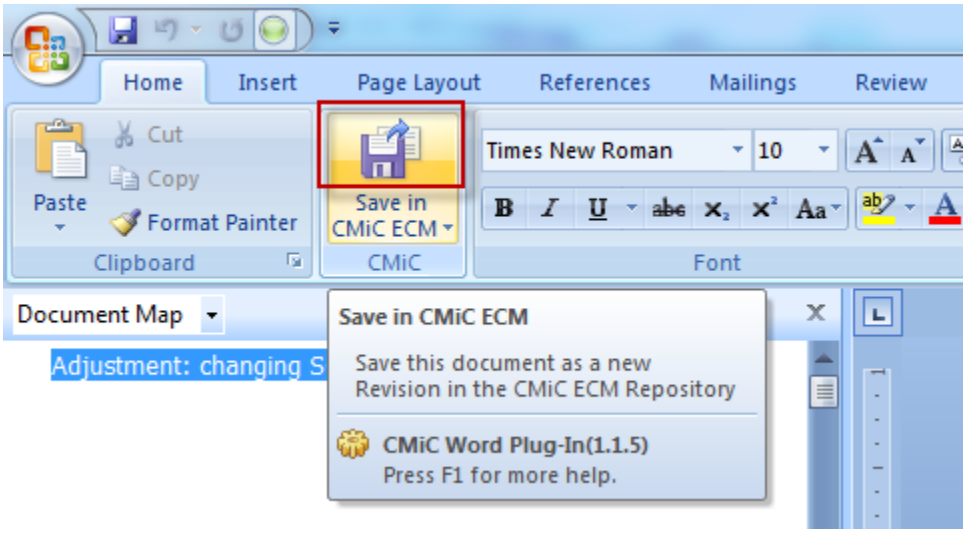


It provides an interface between CMiC objects (namely from Project Management JSP) and Microsoft Word, allowing the creation, modification and storage of documents within CMiC to produce multiple revisions and at the same time retaining the original document.

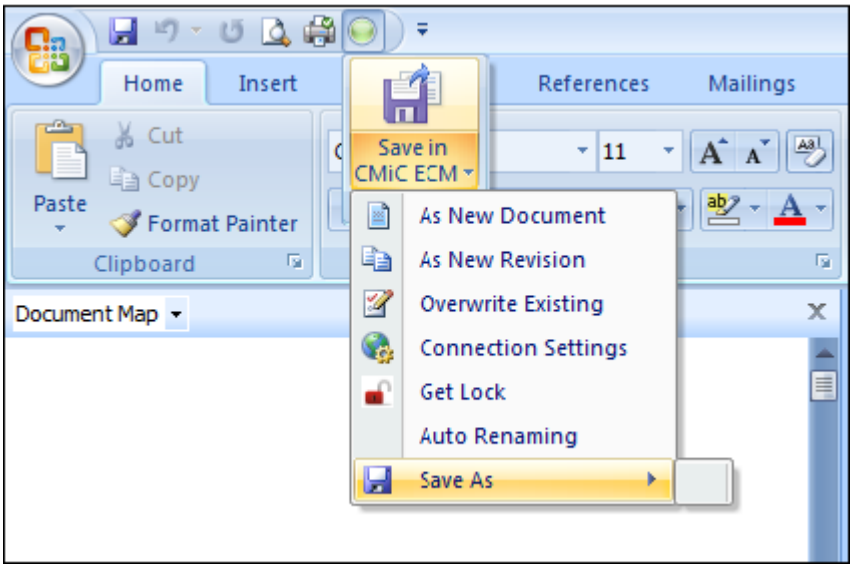
Activating the WORD Plug-In

Open WORD. The icon  will be displayed in the Toolbar. The Tooltip will show that it is the CMiC Word Plug-in and the plug-in version.

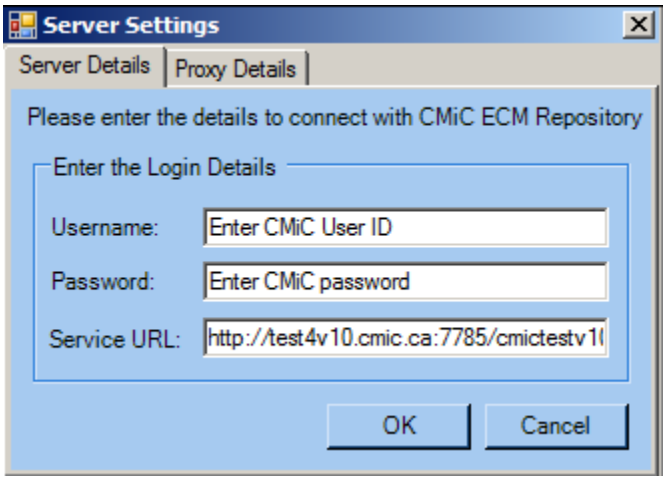
Click this icon to show the next icon which is separated into two parts - the diskette part allows the user to save the document without any additional saving options, and also displays the WORD plug-in version that is in use.



The second part 'Save in CMiC ECM' has a drop-down arrow. Click on it to expand to the additional menu options beneath:



Click **[Connection Settings]** to set the Username, Password and Service URL for the environment (TEST/PROD etc.) that you will be working in:



Click [**OK**].

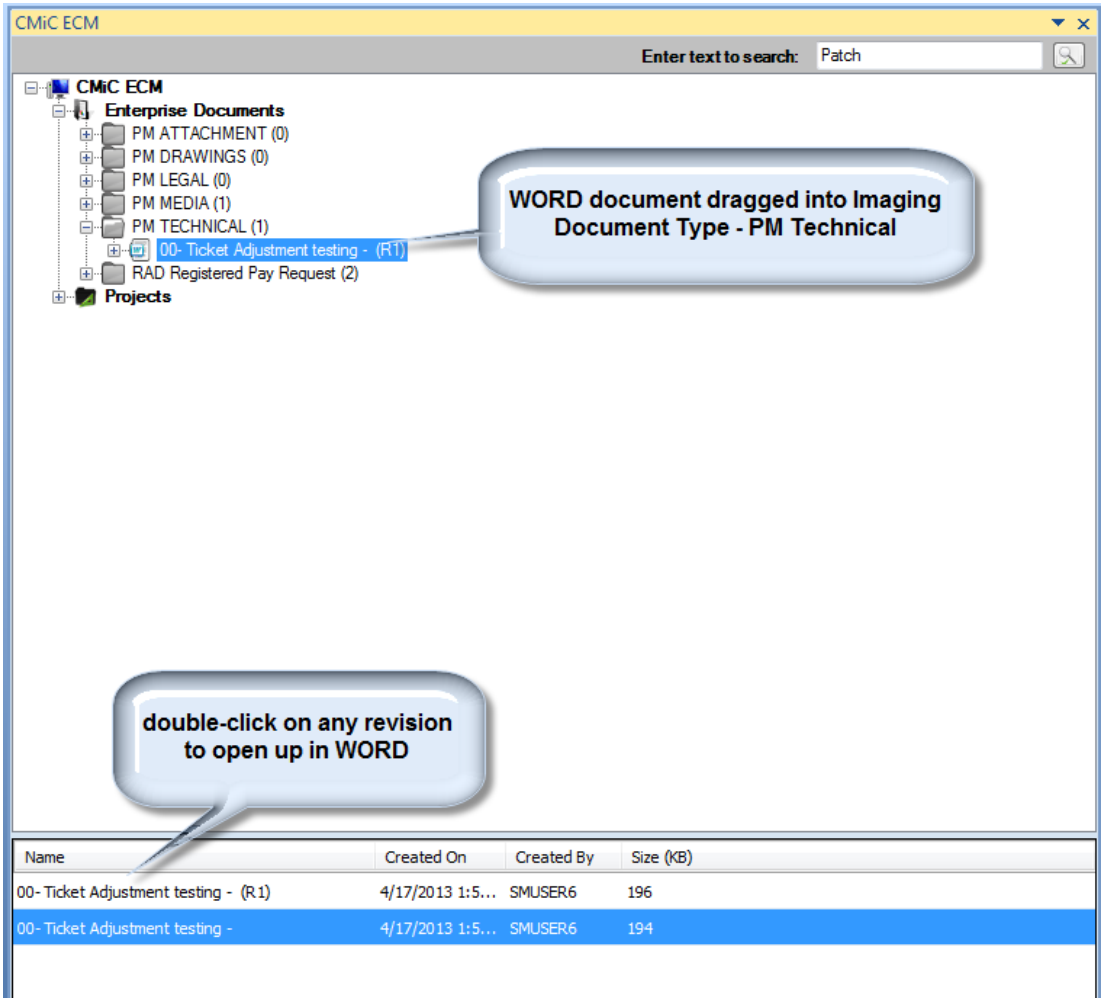
If the connection parameters are not correct, the system will inform the user later when the user tries to make updates during saving actions.

Activating the Document Types

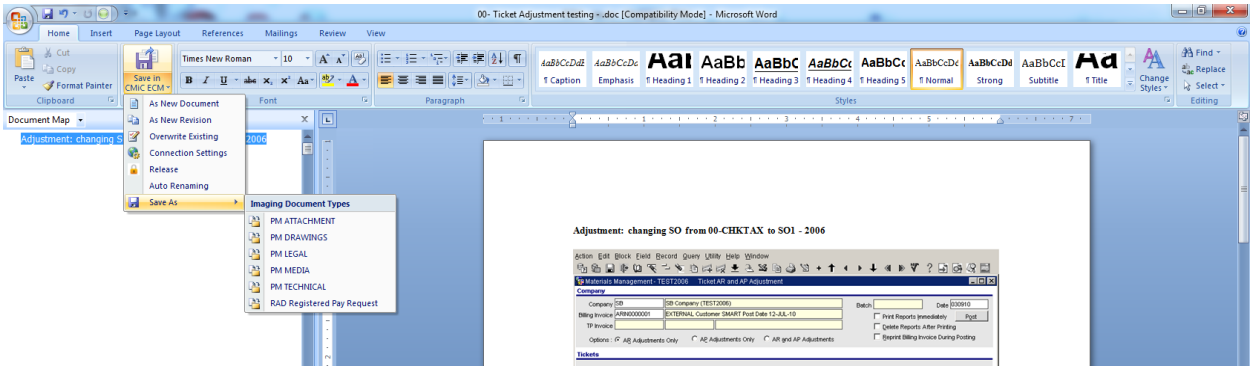
When Microsoft Word is opened after installing the plug-in, the Document Types are not initially shown (see 'Save As'). To get the Document Types active, open or print a PM object (Communications, RFI, PCI, Subcontract etc.) using an associated CMiC word template (created using the Microsoft Integration Package feature) in the CMiC Project Management module.

After printing, a record is created in the Attachments tab and Attachments folder (Document Management) by default. This is a copy of the original printed document.

If a WORD document was previously dragged into the Imaging Document Types folders of the CMiC Outlook plug-in, when the user double clicks on the document in the bottom pane of Outlook, it will open up in WORD, and the document types for Imaging will display:



The Imaging Document Types will show:



Opening Existing Documents

When opening an existing document, even more options are available. The 'Save As' option will show a sub-menu of Document Types if the current document was previously modified and saved with active Document Types.

Saving 'As New Document or Revision'

After making changes to an original document the document can be:

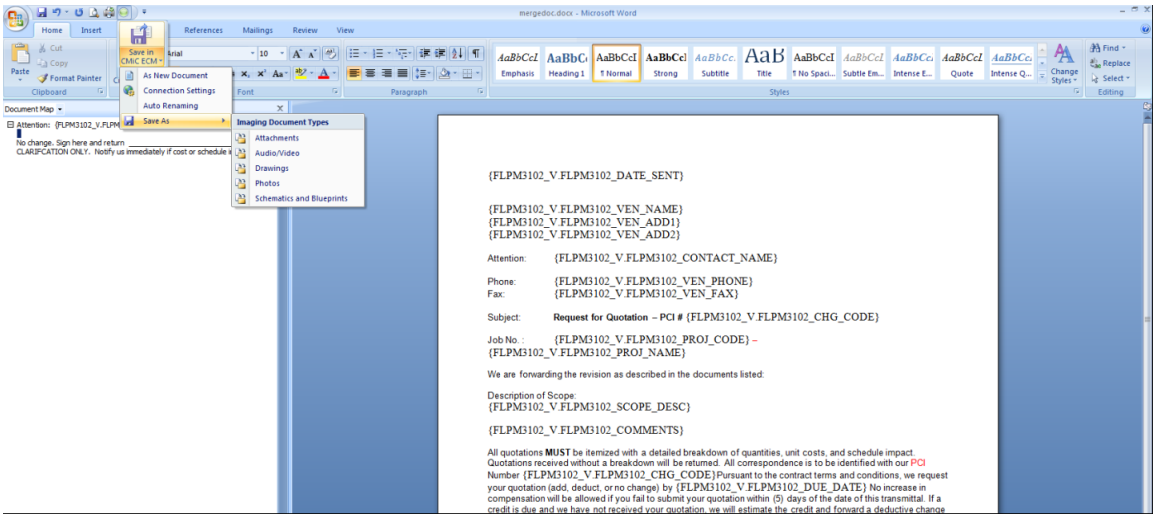
a) saved As New Document

b) saved As New Revision

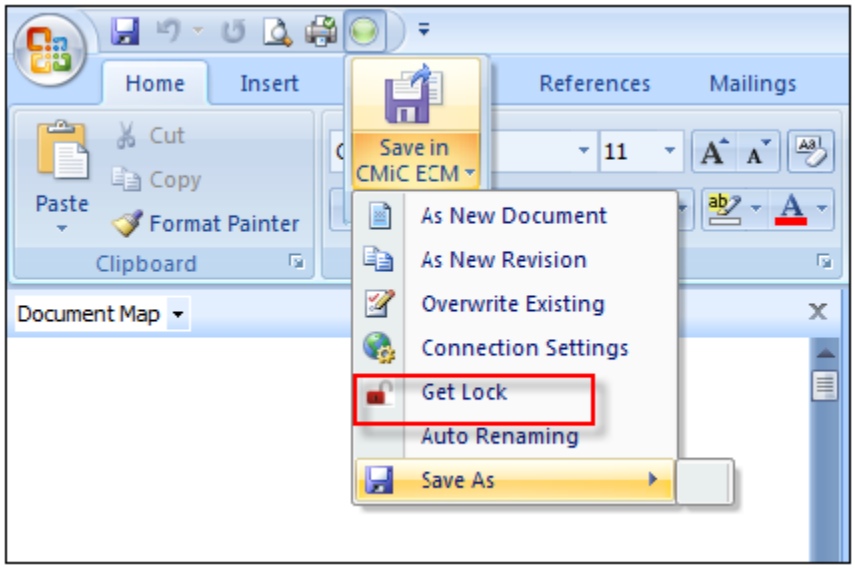
Both the original document and the revision are saved to the PM object.

Using the 'Save As' Option

'**Save As'** allows the user to select the Document Type to which he wants the document saved.

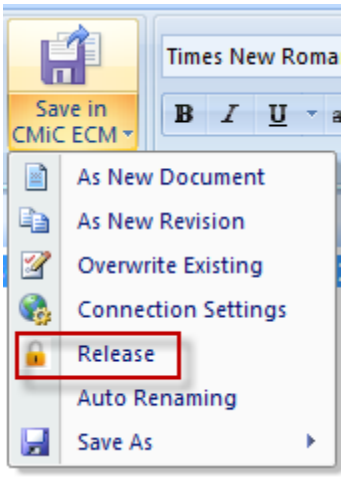


Document Locking



Locking allows the user to secure the document from unauthorized personnel.

Locking prevents multiple users with authorization from modifying the same document at the same time.



Once a lock is affected by one user, other users can only display or download the document.

When the document is saved the lock is automatically released.

Integration with Imaging

Word documents opened from Imaging have the similar integration as Project Management. As already said above, any WORD file that was dragged to an Imaging Document Type can be modified using the WORD plug-in to create revisions and to lock them if necessary. The user can place a lock on the file while it is being modified. Revisions can be created.

Overview – CMiC Search and Indexing

Search and Indexing are components of the Electronic Content Management module.

CMiC Indexer

The Indexer is useful in rebuilding indexes when changes have been made to the database structure, and also to improve search performance.

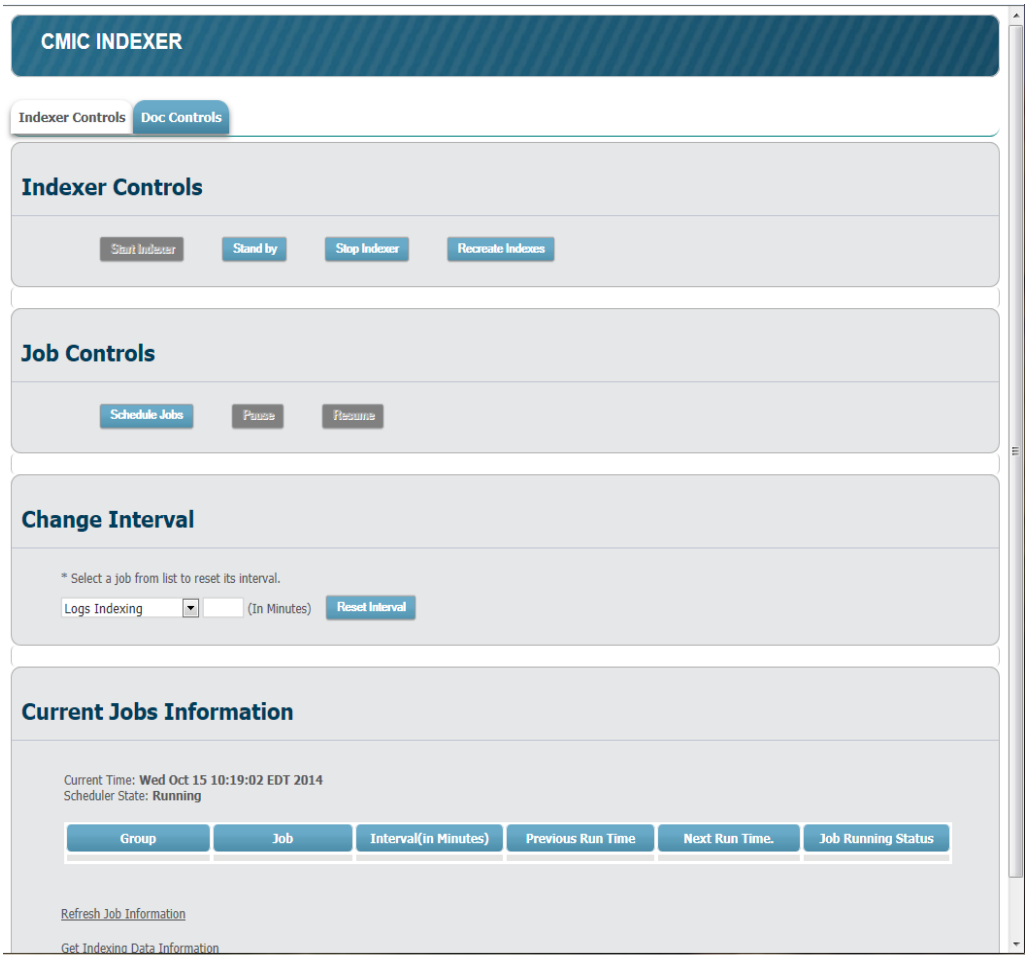
Launch the Indexer by typing the following URL in a new browser session, or manually add it to the Tree-View.

http://<SERVER>:<PORT>/cmic<ENVIRONMENT>/CmicIndexer/indexer.do

The Single Sign-On screen is displayed for user log in. Enter your login credentials.

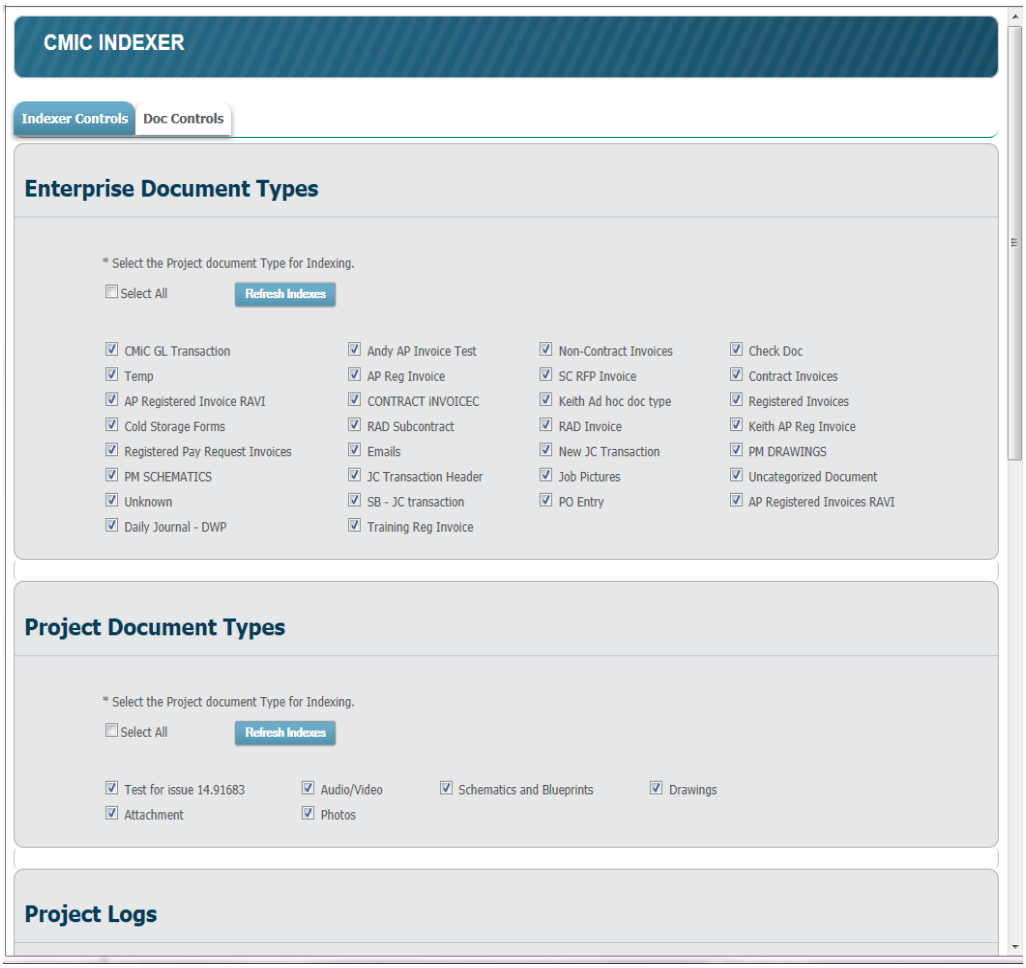
The Indexer Controls tab is displayed. The **Indexer Controls** tab is the main tab from which the indexer is executed and monitored.

Indexer Controls:



The **Doc Controls** tab is used to select the Document Types and Project Logs that are to be re-indexed. This action is expected to be carried out prior to starting the indexer.

Document Controls:



Using the Indexer

Click the **[Start Indexer]** button to initiate the indexing procedure. The '**Current Jobs Information**' section will display the current status of the process.

Click the '**Refresh Job Information**' link to see the latest status of the indexing procedure.

You can use the **[Stop Indexer]** button to stop the indexing procedure at any time.

When the Indexer has finished running, the running status changes from 'YES' to 'NO':

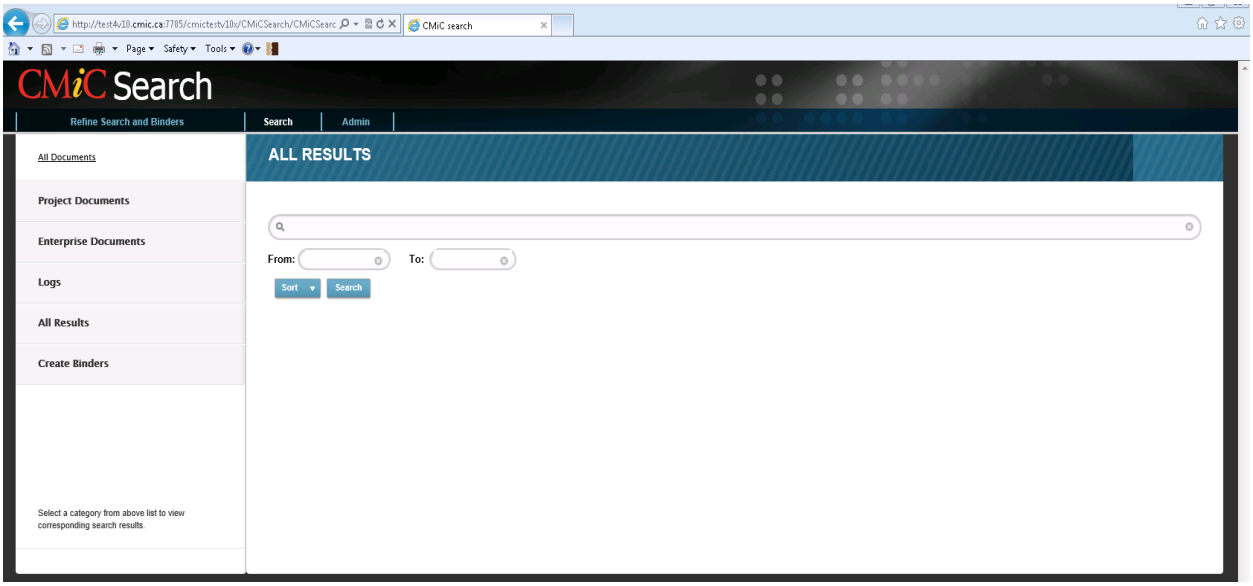
CMiC Search

Launch CMiC Search by typing the following URL in a new browser session or manually add it to the tree-view.

http://<SERVER>:<PORT>/cmic<ENVIRONMENT>/CMiCSearch/CMiCSearch.do

The Single Sign-On screen is displayed for user log in. Enter your login credentials.

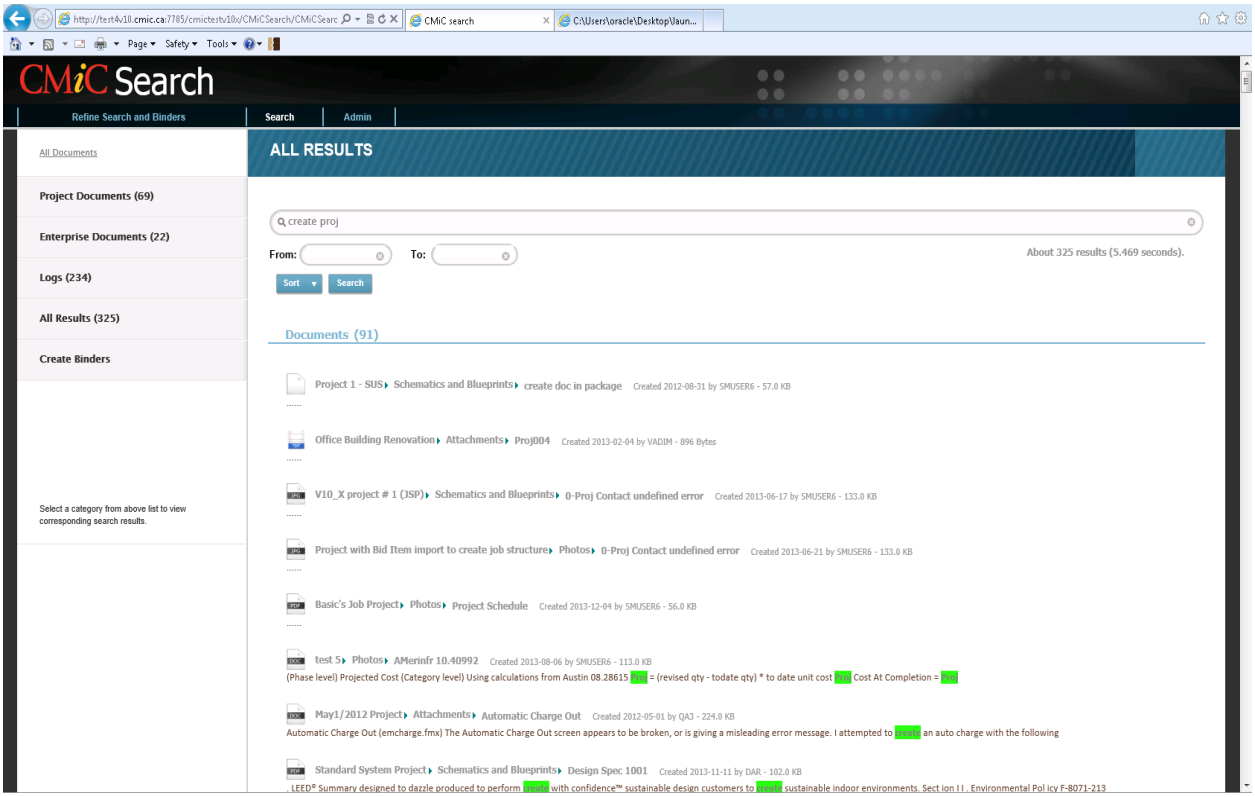
The following screen is displayed:



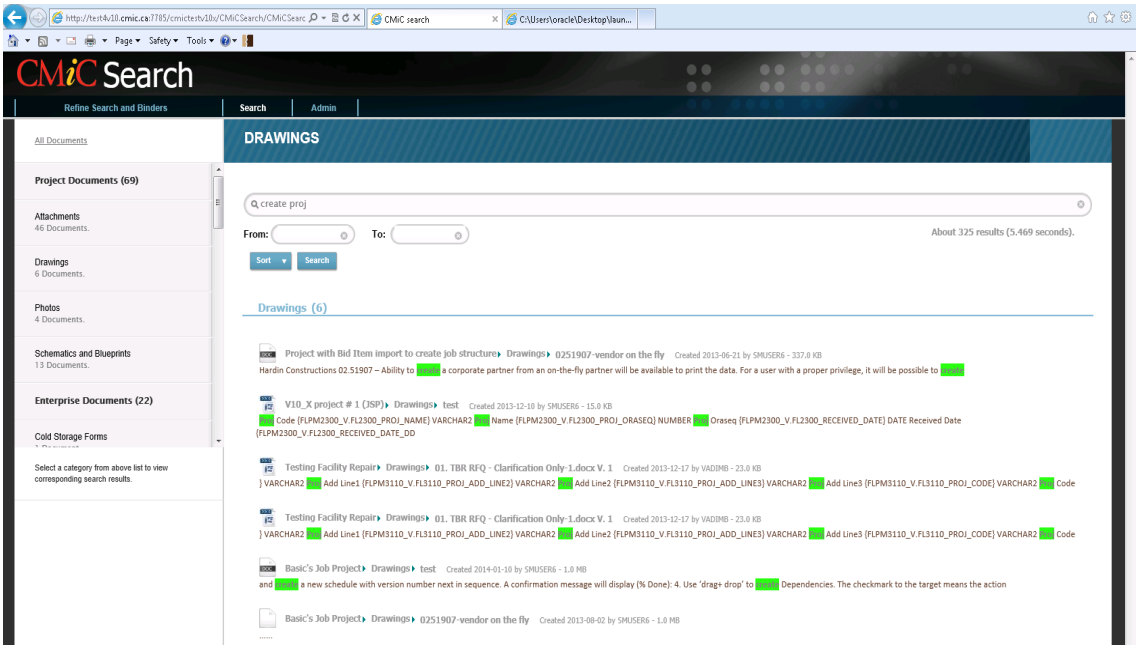
Enter the text to search beside the magnifying glass icon and press the 'Enter' key or click on the **[Search]** button. **DO NOT USE THE TAB KEY at this time as it is non-functional for this feature.**

Search results, if any, will be distributed appropriately to the four sections shown in the left column of the display: Project Documents, Enterprise Documents, Logs and All Results.

For example, if the search string "create proj" is entered, the results would show the following:



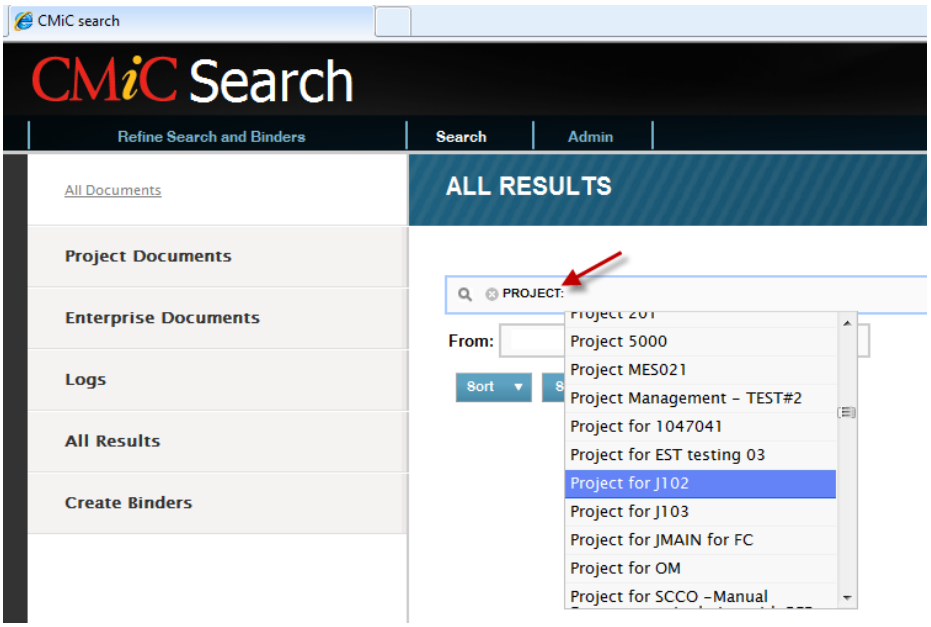
Clicking on the button for each category will give a further breakdown by document type or log type, and will show the records found for that type:



Clicking on a document icon allows you to 'Download' i.e. open the image, and clicking on the text beside the document icon gives you 'More Information', i.e. open up the record in JSP or Enterprise (Imaging).

Search Parameters

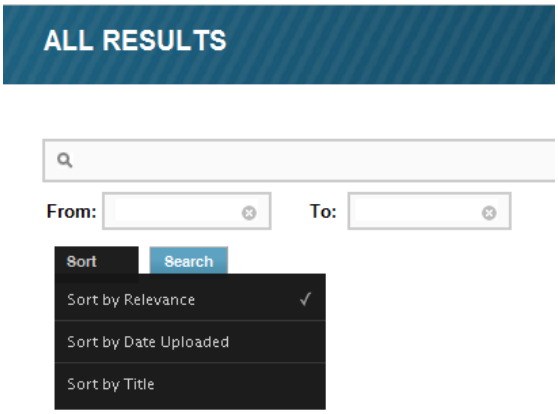
Search parameters are currently set up for **project** and **log**. If the word "project" (or part thereof) or "log" (or part thereof) is typed as a search string, CMiC Search will display a list of projects or logs from which the user can select the following text string to search.



Date parameters can also be entered. Click in the date fields (From and To) to get the calendar popup from which dates can be selected.

Sorting Search Results

Search results are sorted by the **Sorted by Relevance** sort order, by default. The user can change the sort order to either of two other options: **Sort by Date Uploaded** and **Sort by Title**:

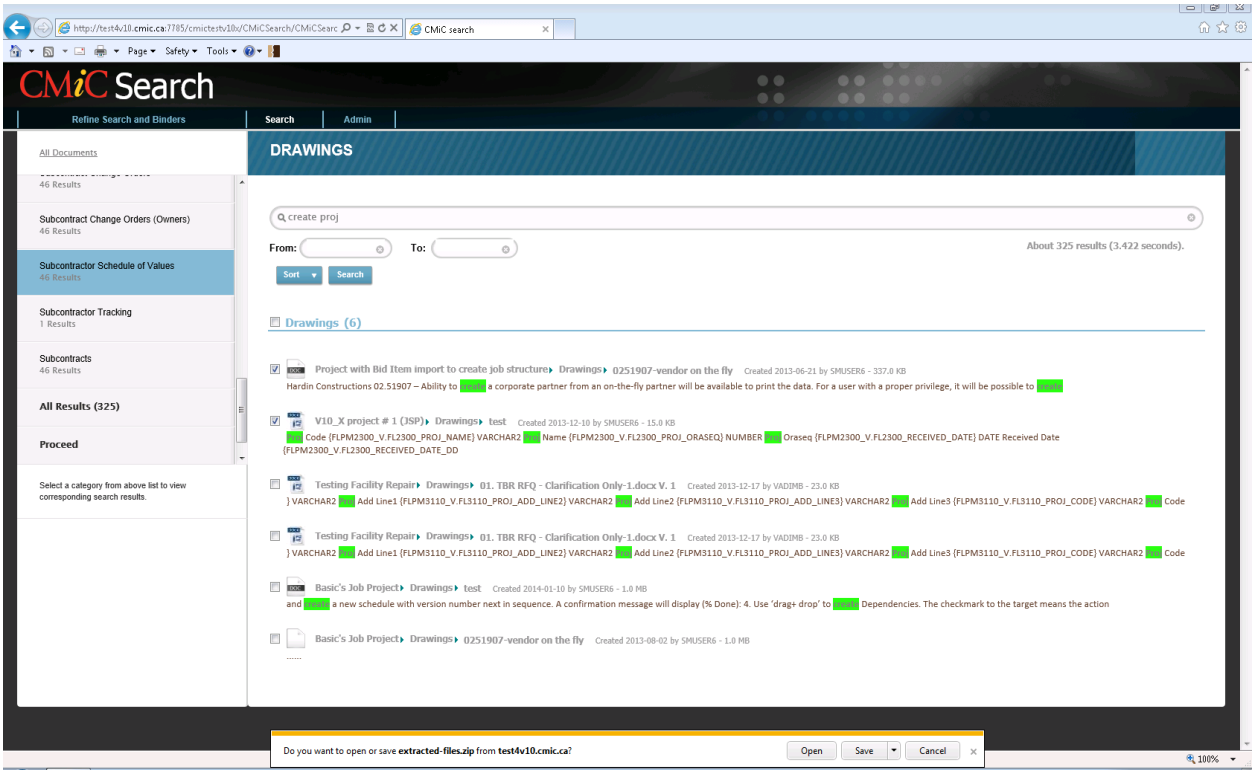


Creating Binders

This feature allows the user to create a zip file from a number of user selected document attachments, from search results.

The [**Create Binders**] button is applicable to Project Documents and Enterprise Documents. If the user is in any of these types at one of the lower levels and clicks the [**Create Binders**] button, checkboxes will be displayed to the left of every record in the search results for that document type. In addition, the Create Binders button has switched to the [**Proceed**] button.

Select one or more records and click [**Proceed**]. You will be asked whether you want to open or save the extracted files:



Auto Cold Storage (ACS)

Auto Cold Storage generates and stores PDF documents, based on a print event definition. It can be run on demand or on a scheduled basis.

NOTE: The current version works with Oracle reports only.

Auto Cold Storage Setup

Commands to Manage Auto Cold Storage on Server

Note: These commands are likely only relevant to IT personnel.

The following are commands to start and stop Auto Cold Storage on its server, and to check its status.

First, the path to the server running Auto Cold Storage is required, as this path is used to create these commands. Here, this path is symbolized as <*Serverpath*>, which would be something like, http://...

The following are commands to control the running of Auto Cold Storage on its server:

Start Scheduler

<*Serverpath*>/SysRptParams/Schedule.do?start

Start Scheduler with Interval

<*Serverpath*>/SysRptParams/Schedule.do?start&interval=<*Integer*>

Stop Scheduler

<*Serverpath*>/SysRptParams/Schedule.do?stop

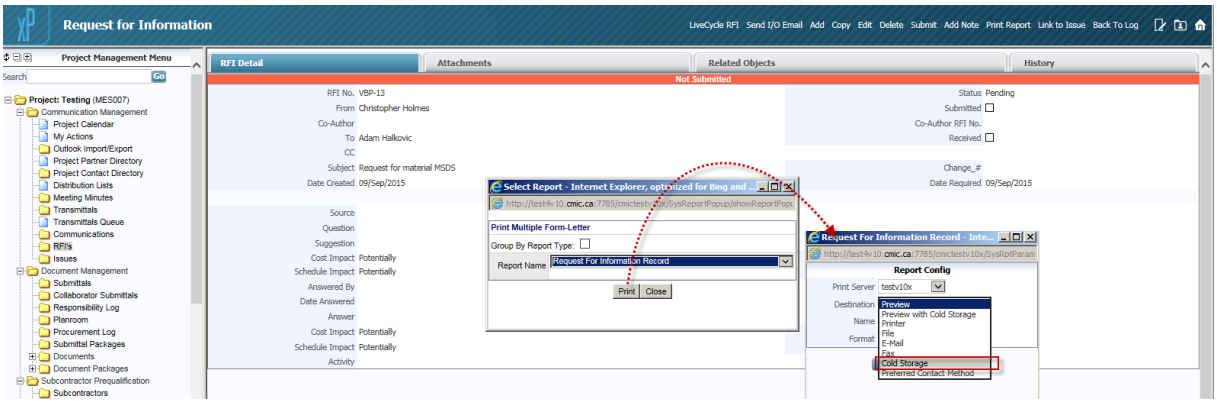
Get Status of Scheduler

<*Serverpath*>/SysRptParams/Schedule.do?status

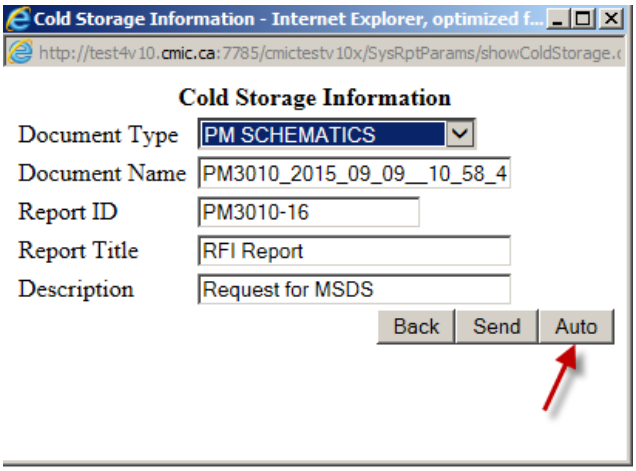
Defining Triggers for Automatic Report Generation

The following are instructions on how to define Auto Cold Storage triggers to automate the generation of a particular report, using the Project Management modules RFIs (RFI VBP-13) as an example:

Step 1: Enter Report's Cold Storage Information

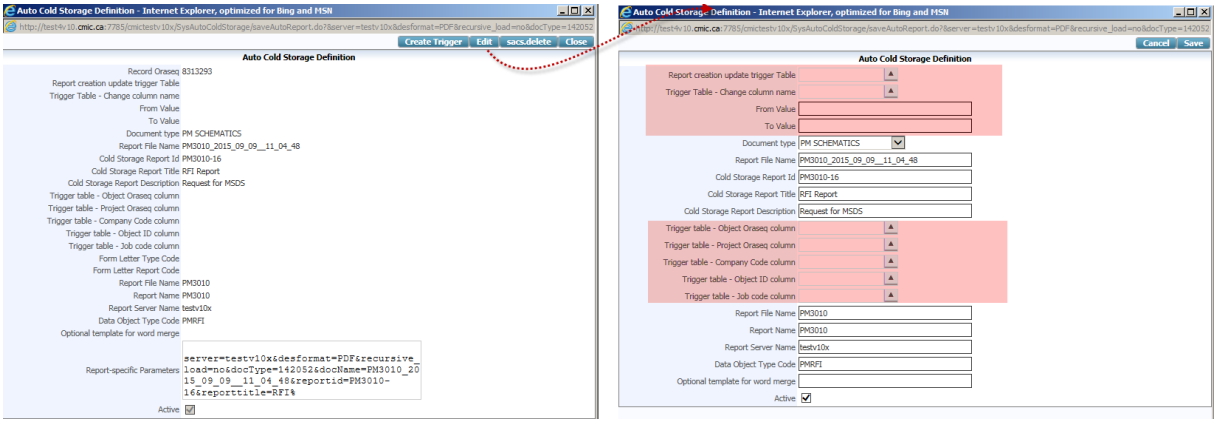


I) Run the desired report, and in the Report Configuration pop-up, select "Cold Storage" for the Destination field, as shown in the above screenshot, and click [Run Report].



II) In the Cold Storage Information pop-up, as shown above, fill out the required information for the report and click the [**Auto**] button.

Step 2: Define Triggers to Generate Report



I) Click [**Edit**] in the Auto Cold Storage Definition window that pops up to switch it to Edit mode. With the window in Edit mode, as shown on the right, fill in the required (highlighted) configuration fields to define the trigger for automatic report generation. The following are descriptions for the required configuration fields:

Report creation update trigger Table

Select the table where updates are to trigger the generation of the report.

Trigger Table-Change column name

Select the column to trigger the report's generation when its values changes.

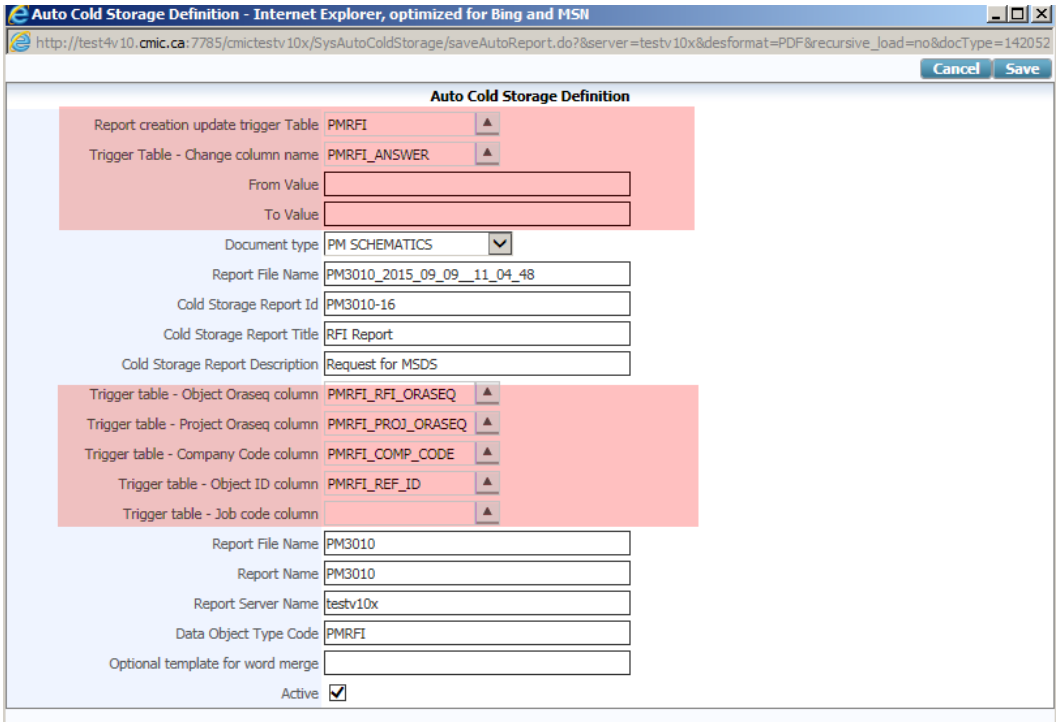
From Value, To Value

This range is optional. When the value for the specified column changes, within this specified range, the report will be generated. Refer to the following sub-section, How the Auto Cold Storage Definition Affects the Trigger Logic for further details.

Trigger table - Object Oraseq column,
Trigger table - Project Oraseq column,
Trigger table - Company Code column,
Trigger table - Object ID column,
Trigger table - Job code column

If applicable, selections may also be required for these configuration fields. Refer to the following screenshot for an example of selected values for these fields.

The following screenshot illustrates an example of a trigger definition that generates the specified report when an RFI gets marked as answered:

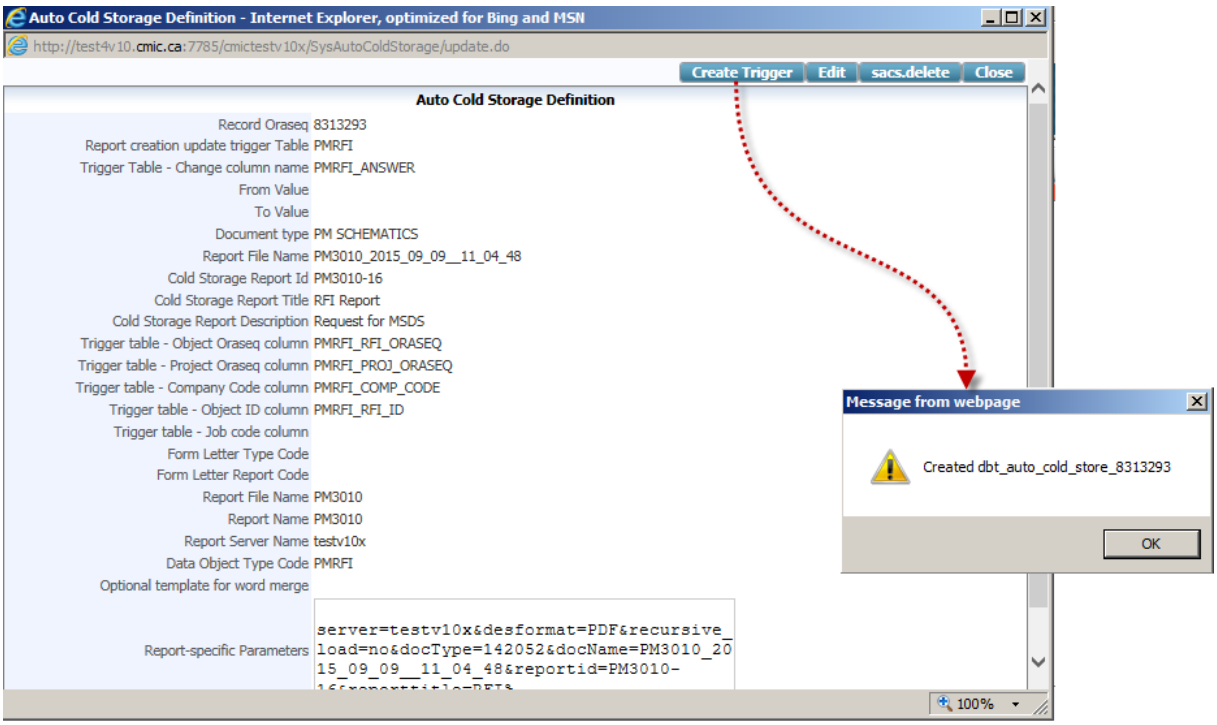


How Auto Cold Storage Definition Affects Trigger Logic

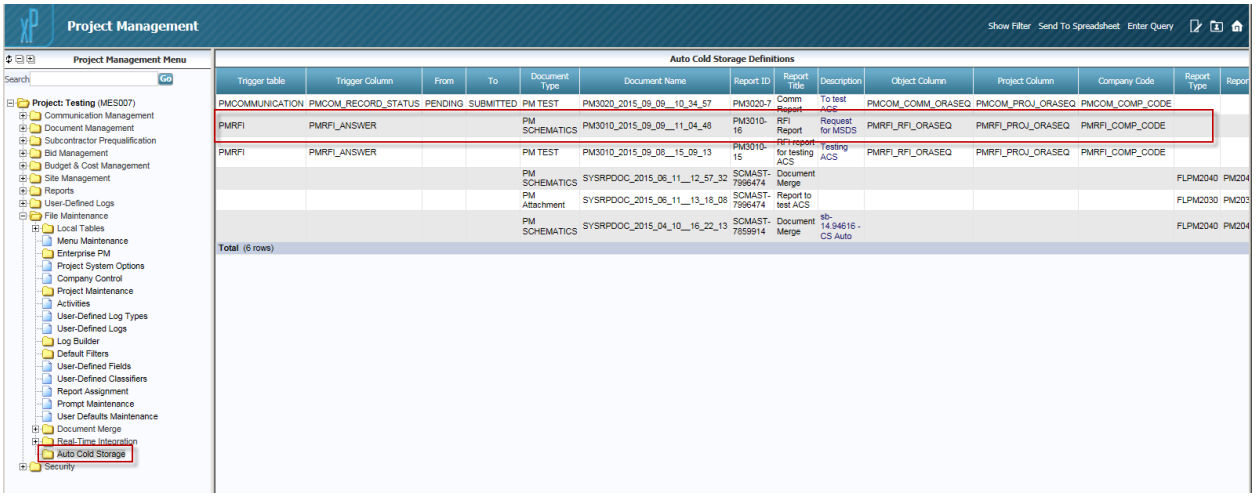
Auto Cold Storage Trigger Column Definition		Values of the Column in the Updated Table	
Old Column Value	**New Column Value**	**Launch Workflow when the old column value is**	**… and the new column value is**
Null	Null	Null	Not null
Null	Specified value	Null	Specified value
Null	Specified value	Anything except the specified value	Specified value
Old value	New value	Old value	New value

Please note that the assumption in the last case is that the old and new values specified in the setup are different. If they are the same, any update to the table will launch the workflow. This is clearly not desirable, so we may add validation logic to prevent such a setup. There is currently no way to trigger a workflow when a column becomes null.

II) Click [**Save**] and then click the [**Create Trigger**] button. The following confirmation message appears:

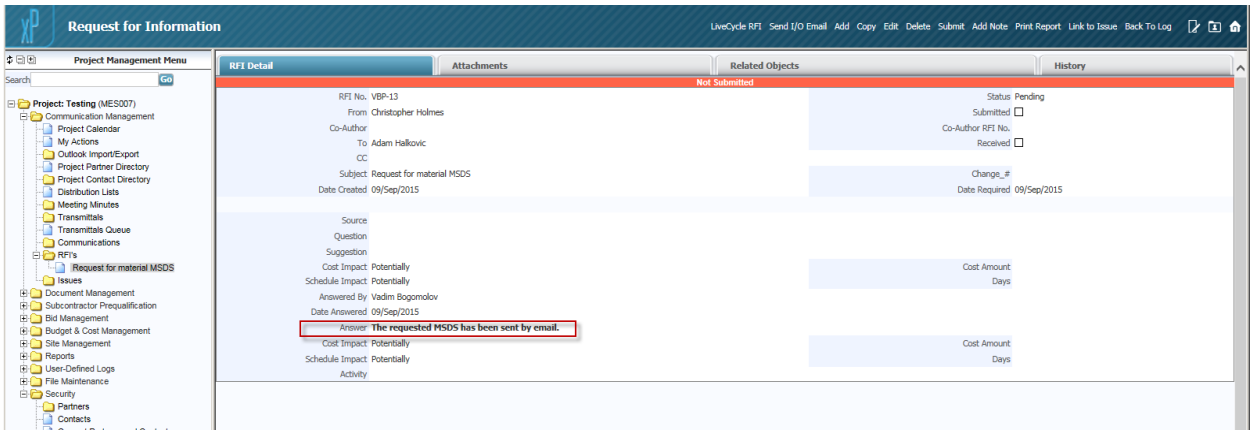


Upon clicking [**OK**], a new Trigger Definition record appears in the Auto Cold Storage Definitions log screen, in the File Maintenance node of the Tree-View, as shown in the left pane of the below screenshot. To customize the column headers, their order and visibility, the Auto Cold Storage Definitions Log Builder screen is used. Please refer to the following *Log Builder for Auto Cold Storage Definitions* section for additional details.



Sample of Auto Cold Storage Definitions Log screen, containing entries for each newly created trigger.

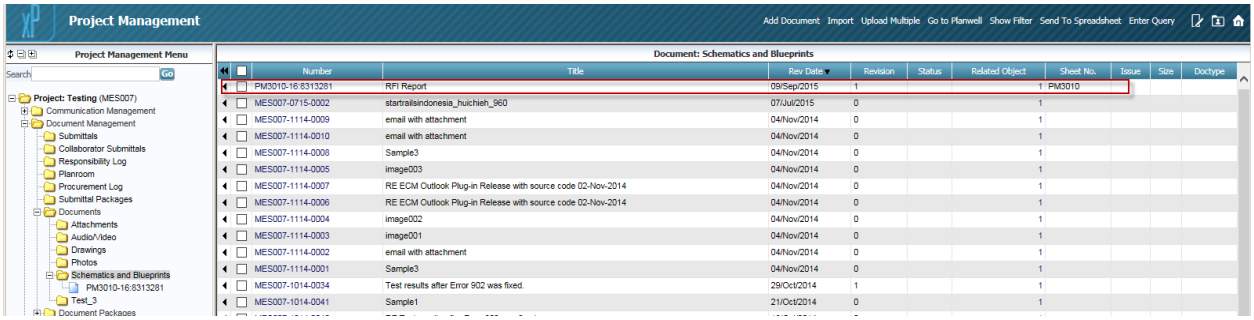
At this point the trigger is set and when a RFI is answered, the report will be generated automatically and it will appear on the **Attachment** tab, as follows:



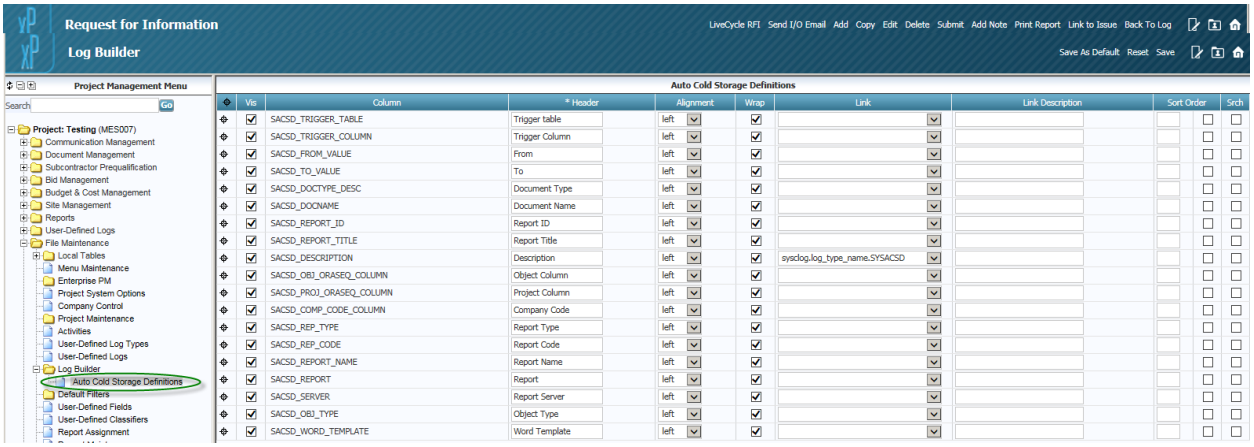
The report, as an RFI document, is added to the **Attachments** tab in the specified folder:



The RFI document is also added to the specified document type log:



Log Builder for Auto Cold Storage



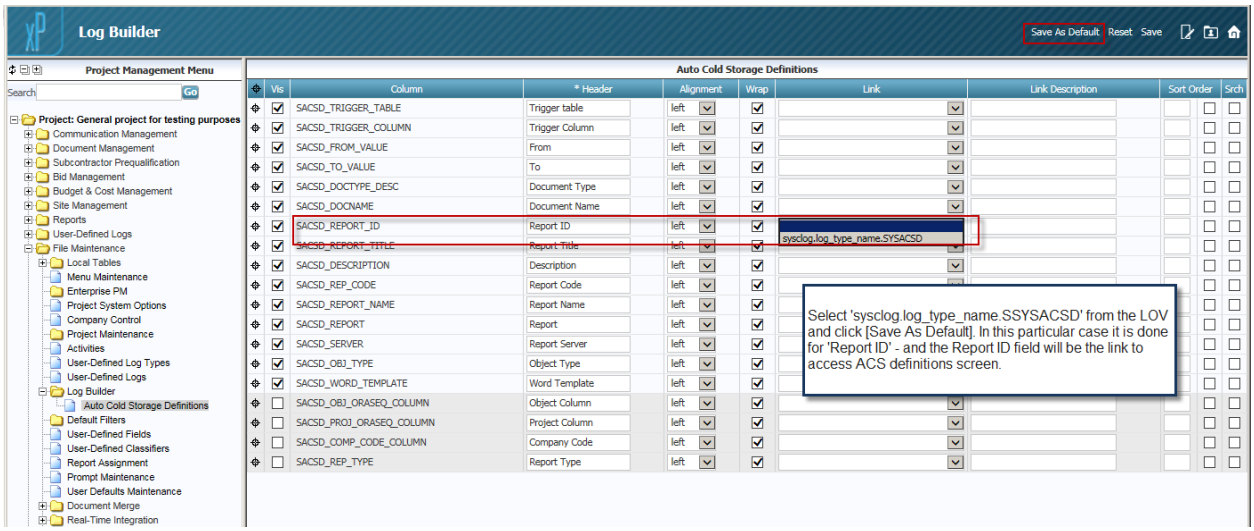
Sample of Auto Cold Storage Definitions screen, used to customize the Auto Cold Storage Log screen.

The Auto Cold Storage Definitions screen is used to turn fields in the Auto Cold Storage Log into hyperlinks, and to customize the headers, order, and visibility of the its columns.

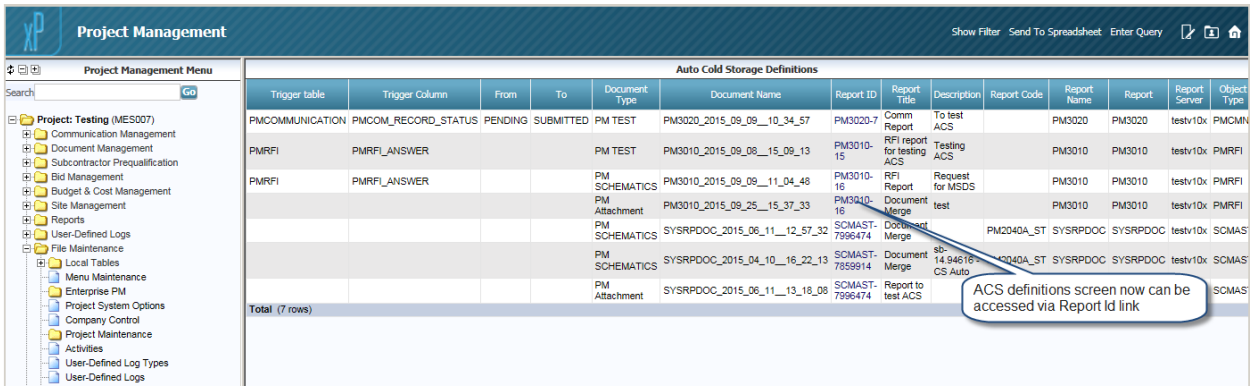
NOTE: Access to the Auto Cold Storage Definitions screen is determined by the user's security settings.

Create Link in ACS Log to Launch ACS Definitions Screen

To create a link to access the ACS (Auto Cold Storage) definitions screen from the ACS Log, select **sysclog.log_type_name.SYSACSD** from the LOV of the **Link** column for the relevant field, as shown in the below screenshot, and click [**Save As Default**].



As shown in the following screenshot, the field in the ACS Log becomes a hyperlink that launches the ACS Definitions screen:



ECM Explorer

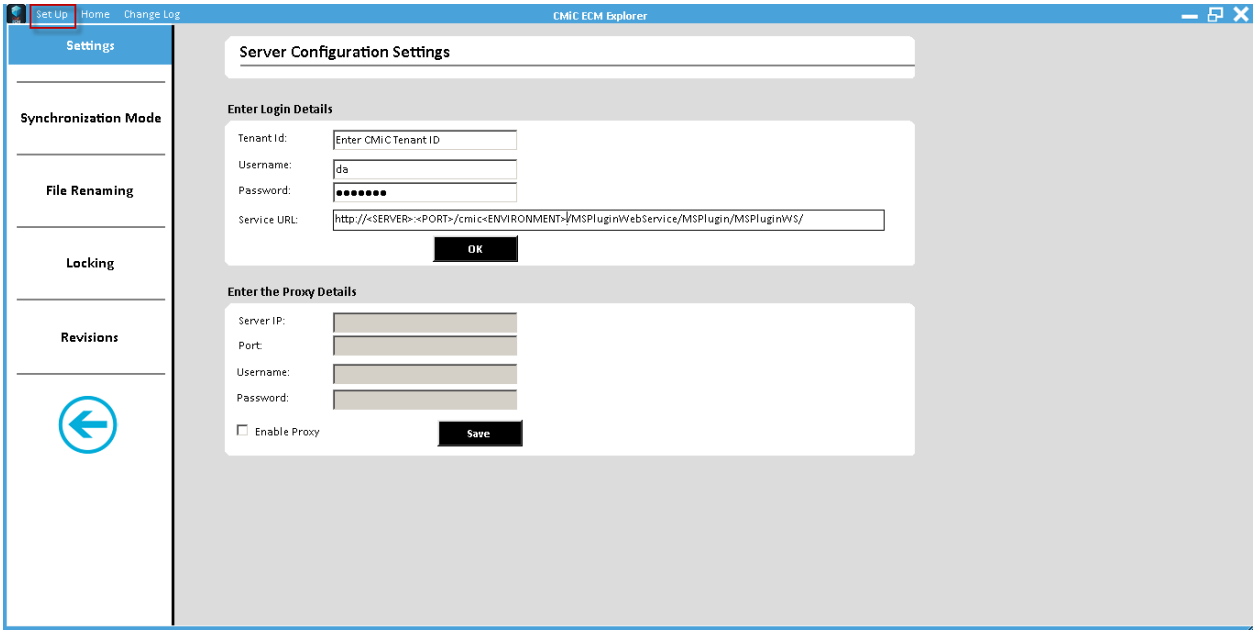
Installation

If the ECM Explorer has not been installed on your system, contact your System Administrator to obtain the required files and run the .EXE for the necessary plug-in, or have them installed by your IT department.

Set Up – Screen

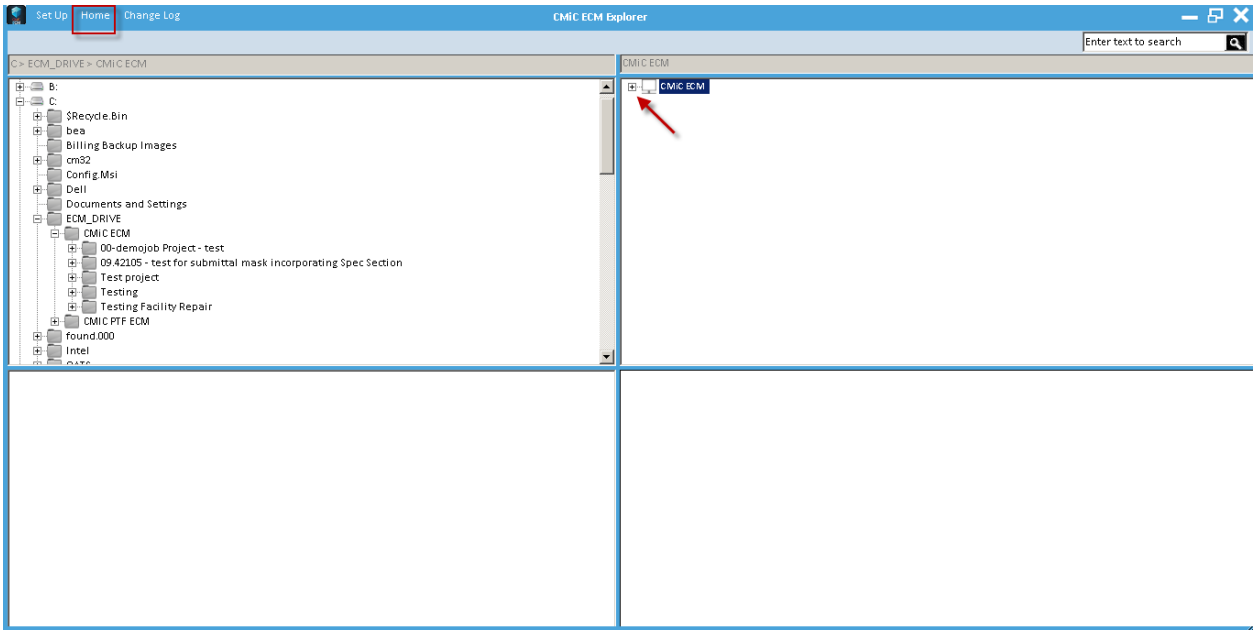
Settings

The connection to the ECM service is configured on the Set Up screen:

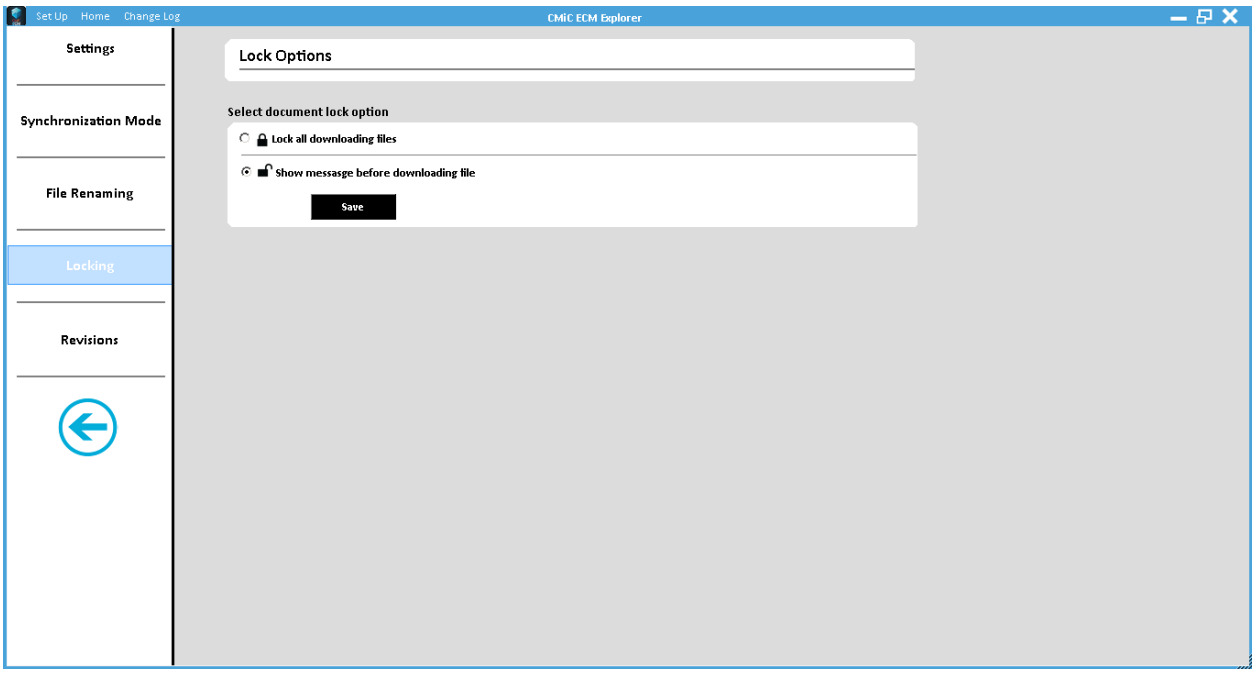


Enter Single Sign On user ID, password and applicable URL for ECM service and click [**OK**].

When connection is established the expandable “CMiC ECM” node will be shown on the right pane of the main screen (Home):



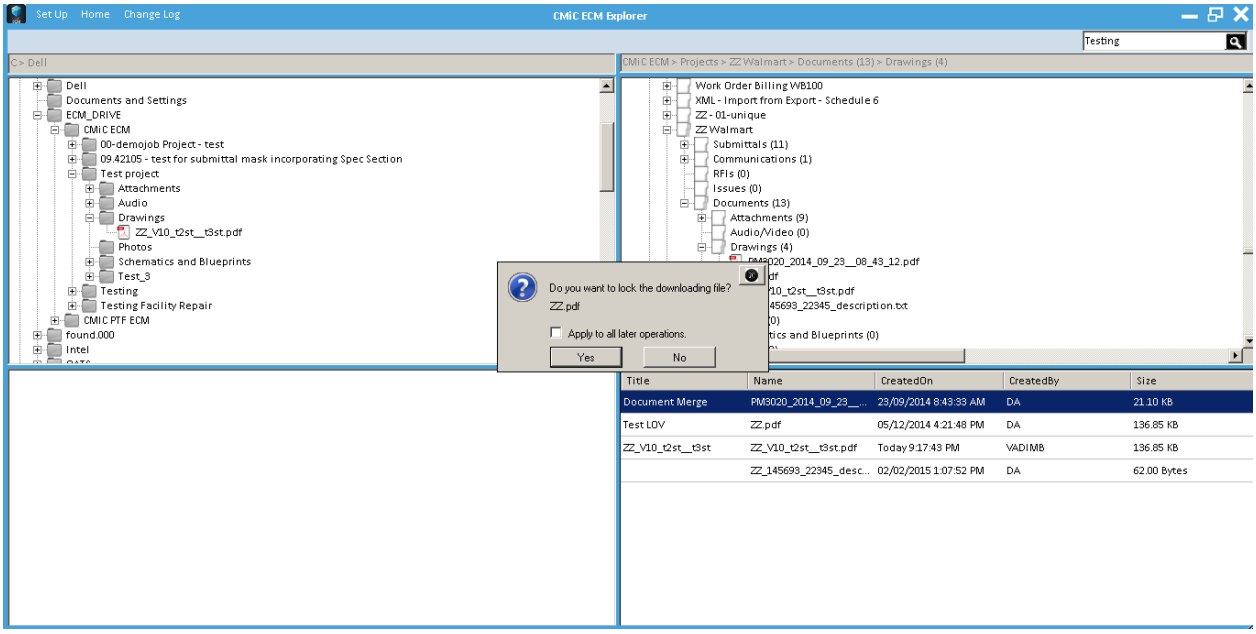
Locking



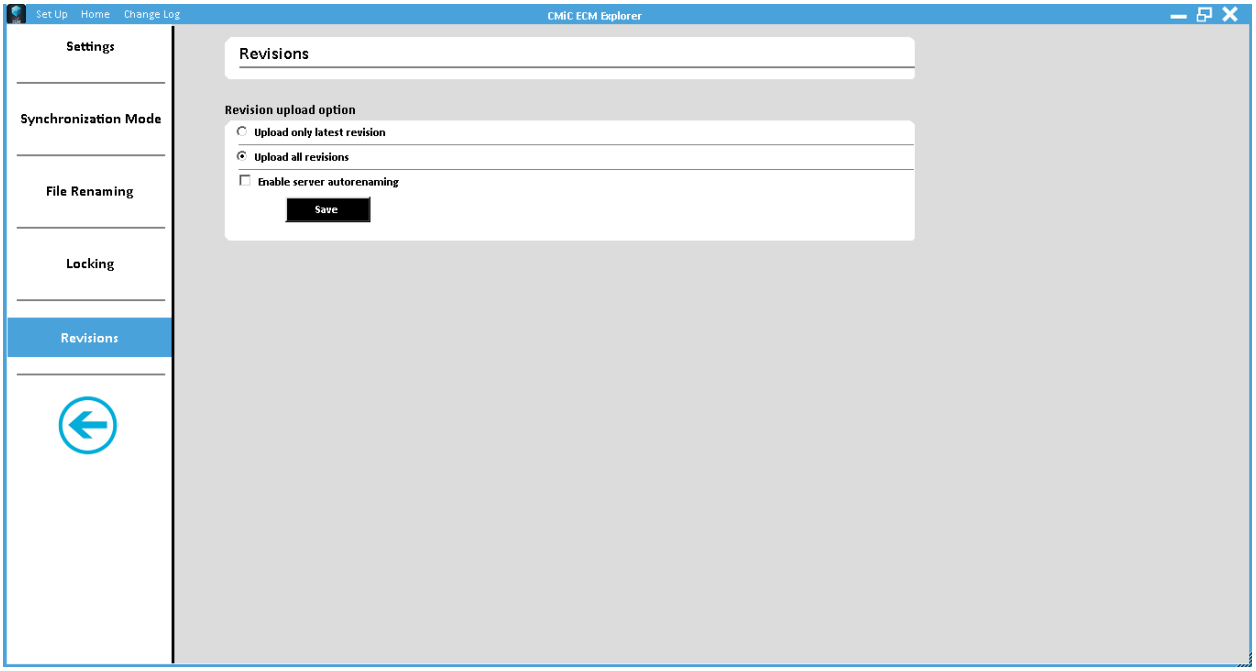
Files which are being downloaded can be locked/unlocked based on this setting.

The **Lock all downloading files** option will lock them for the change.

The **Show message before downloading file** option will prompt the user if file should be locked or not:



Revisions

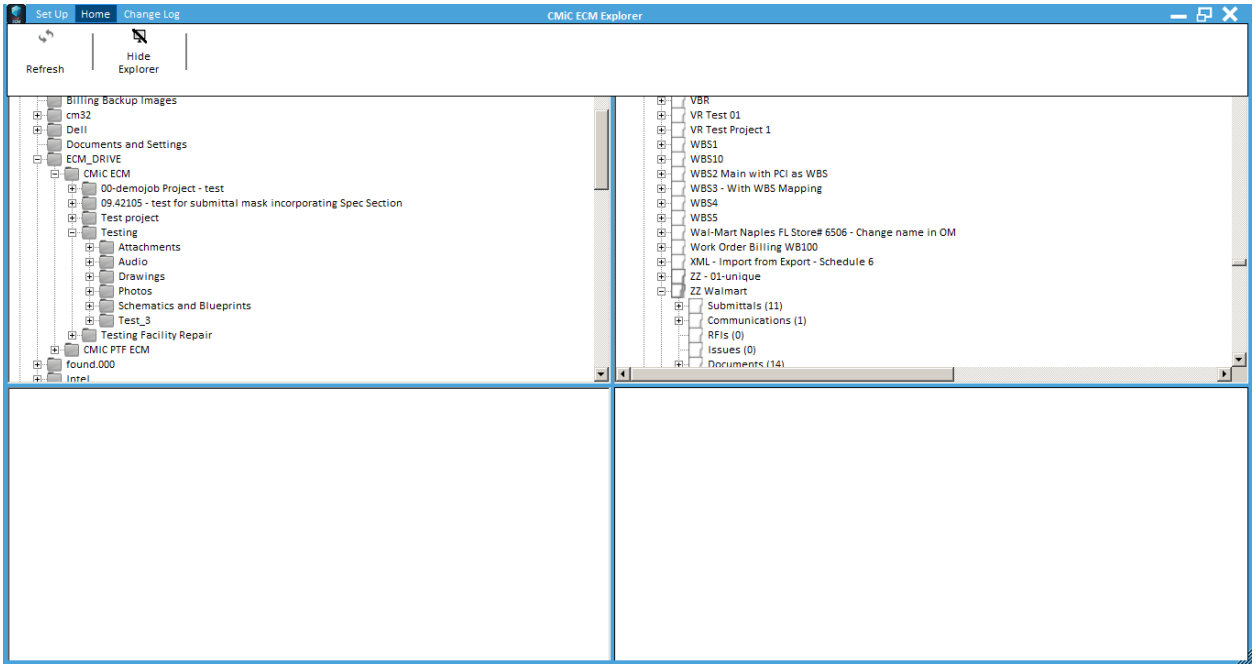


There are two revision options for the documents to be uploaded:

1. To upload only the last revision of the document.
2. To upload all revisions.

If the **Enable server autorenaming** checkbox is checked, the app will apply the document autorenaming settings on the server, if there are any.

Home – Screen



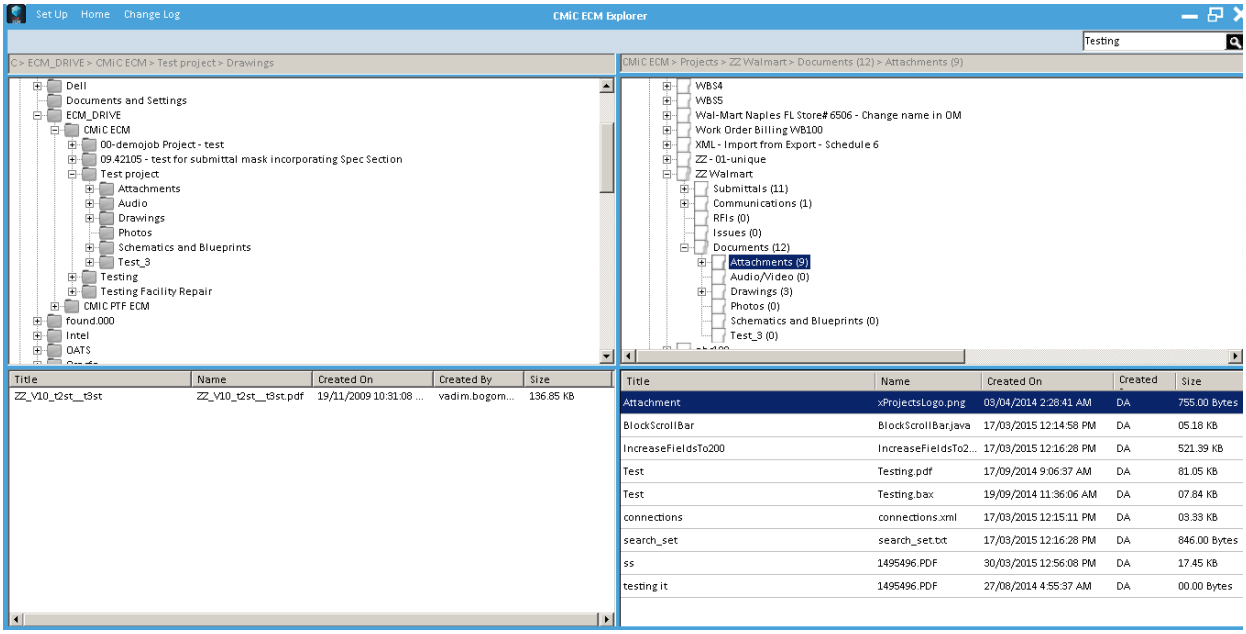
There are two controls on the Home screen:

[**Refresh**] – Button

Updates the ECM treeview content in the panes.

[**Hide Explorer**] – Button

Removes the local drive pane.

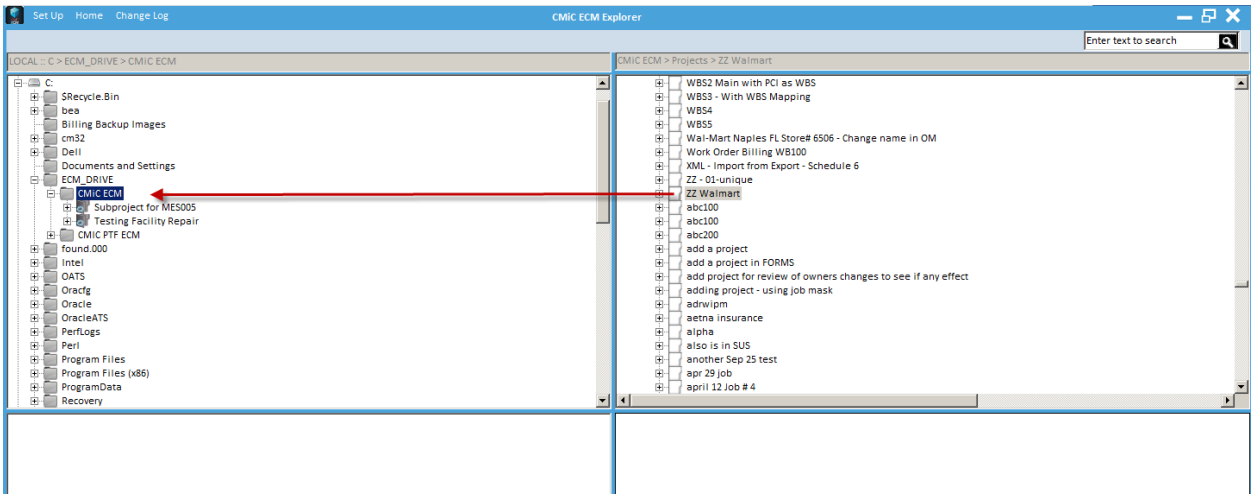


The main window is split in 4 panes. The top-left pane shows the treeview of the local drive. The ECM treeview from the server is displayed on the top-right pane. The bottom panes show details for the selected items.

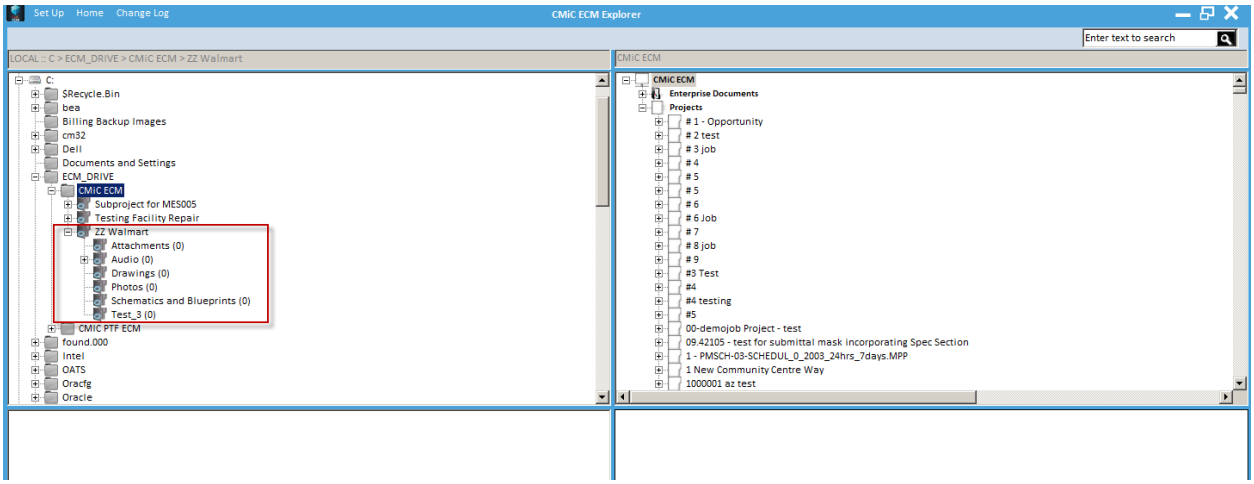
Document Synchronization

To perform the document synchronization operation for the particular project, 2 steps are requried:

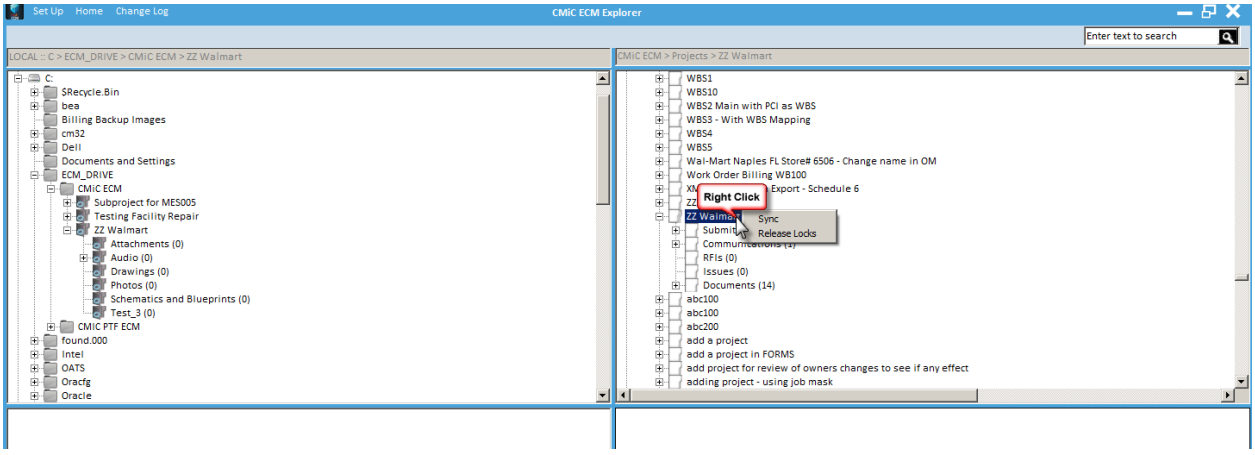
Step 1: Create folder for the project – drag and drop the project node to the ECM folder on the local drive:



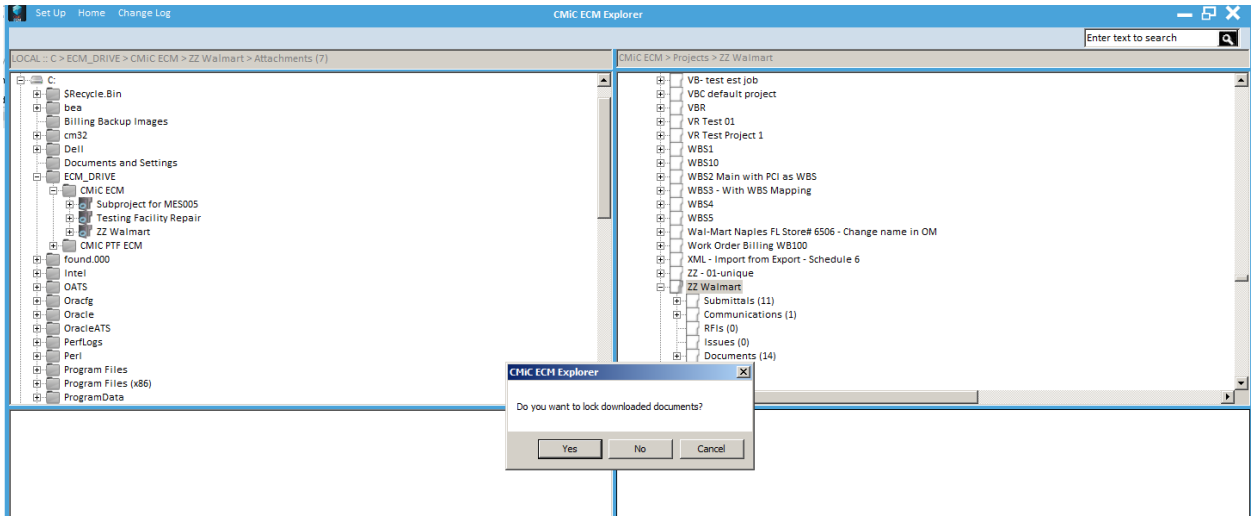
This operation creates the document folders structure (without documents) for the project as it exists on the server:



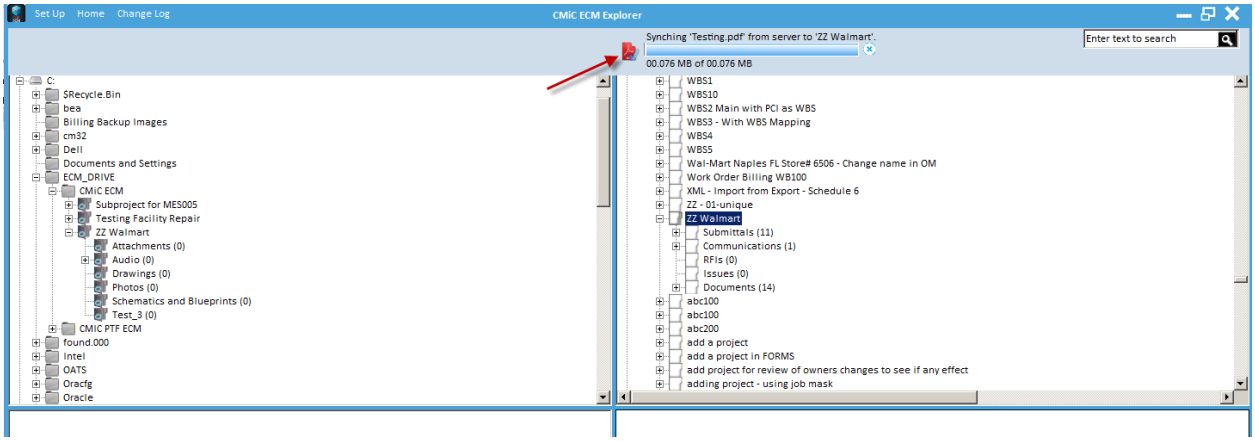
Step 2: Right click on the project node to display the context menu:



Choose the 'Sync' option, and select your file locking choice for the downloaded documents, then documents from the project will be copied to the local drive:



The bar on top of the ECM Explorer window will show the progress of the syncronization:



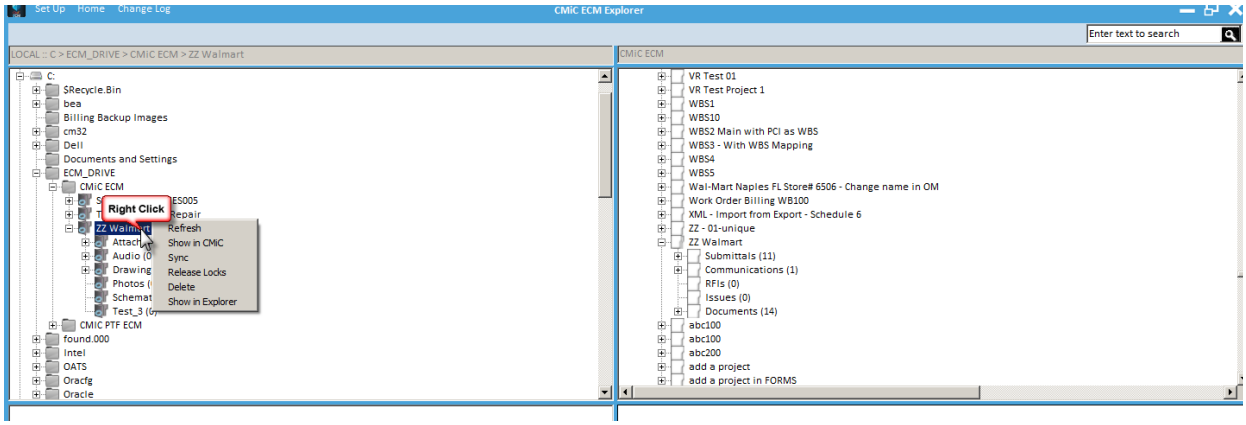
File Operations

Selected files can be copied from the local drive to the server and vice versa. Simply drag-and-drop them from one pane to another. Depending on the destination node, the files will be added to the PM item as attachments or to the Document folder.

Context Menu on Local Side

There are two types of local context menus:

1. **For Projects**



Available options are:

Refresh: refreshes the display of the content for current project to show latest changes.

Show in CMiC: finds and displays the current project on the right side of the window.

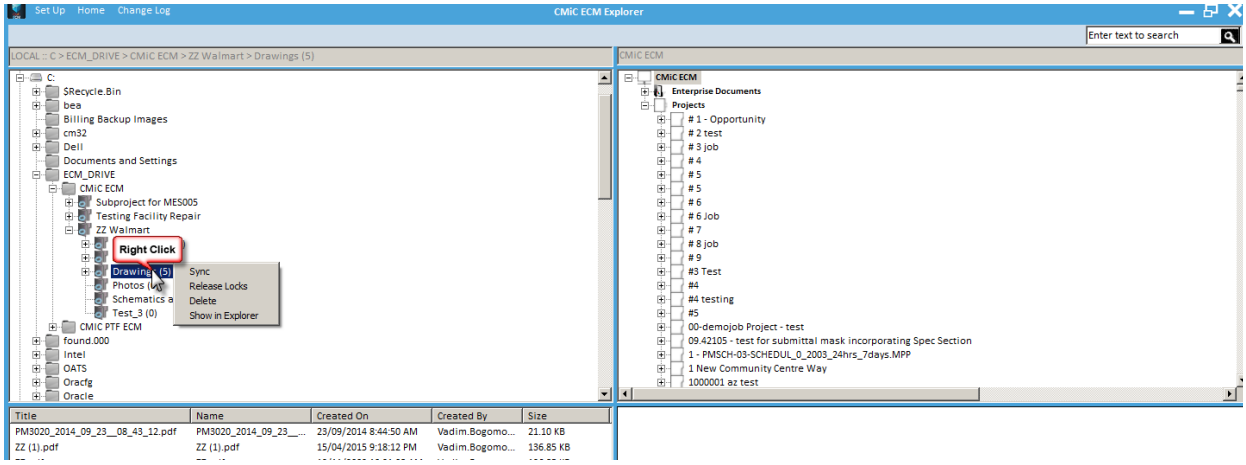
Synch: performs the document syncronization for current project.

Release Locks: unlocks the documents.

Delete: deletes the current project folders tree from the local drive.

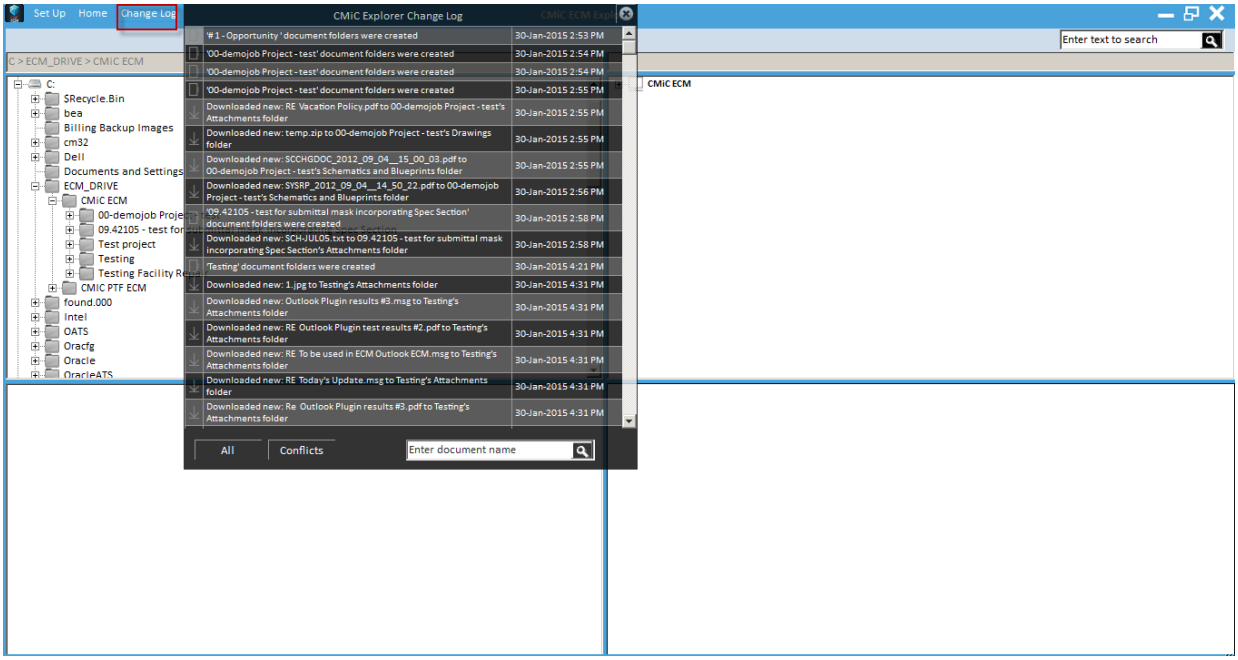
Show In Explorer: shows the current folder in Windows Explorer.

2. **For Document Folders**



The available options will be applied to the selected documents/folder, and they work the same way as the ones of the project menu.

Change Log – Popup



The Change Log popup displays information about changes in the documents content. It can be filtered by using the [**All**] or [**Conflicts**] buttons along the bottom, or by entering search text into the search field.

Setup – Settings Screen

The Setup screen can be accessed via the **Settings** menu on the top-right of the login screen:



LOGIN SETTINGS **– Section**

Tenant ID

If you are a CMiC Cloud client, this setting must be on. It turns on/off the multitenancy mode of the application. The **Tenant ID** field will be displayed on the login screen, and it needs be entered to log into the multi-tenant environment.

SERVER CONFIGURATION **– Section**

Server

Enter the mobile server's URL.

Environment

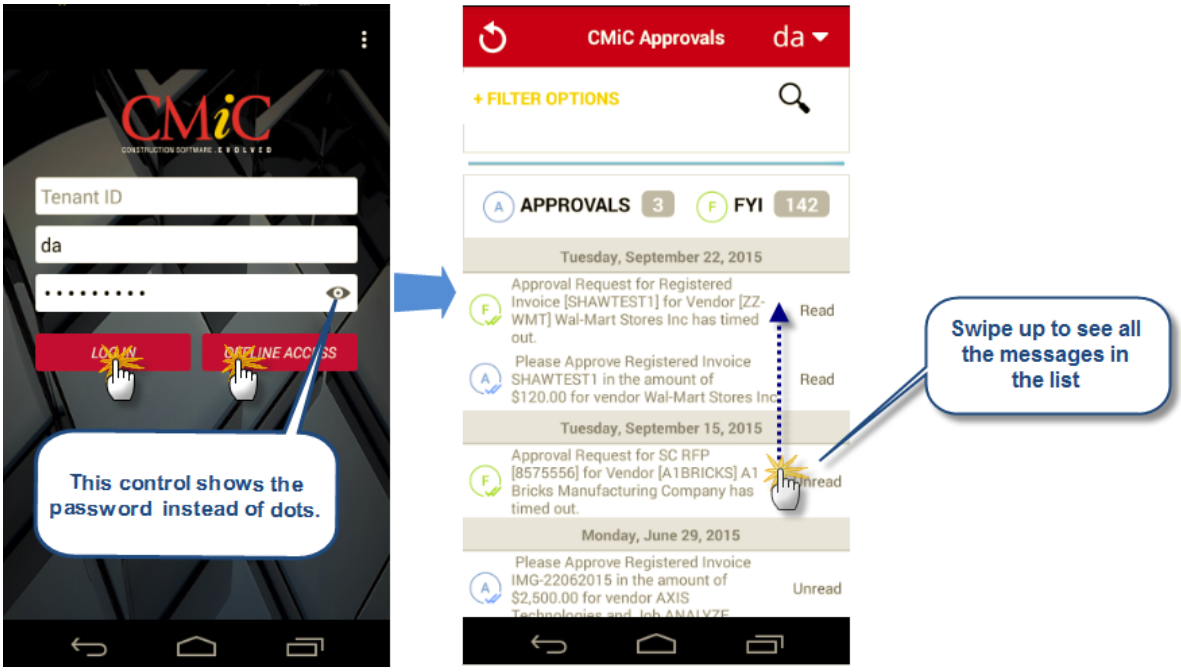
Enter the part for your environment. Please contact the administrator for configuration of the mobile server access for your company.

PROXY SETTINGS – Section

If the application requires access to the proxy server, set the **Enable Proxy** switch to **ON** and enter the credentials to access the proxy server.

Login

Enter the **Tenant ID** (for CMiC Cloud clients), the **Username** and **Password** that you use to access CMiC Enterprise, and tap [**LOG IN**].



If there is no network connection, use the [**OFFLINE ACCESS**] button to access the workflow notifications list which was loaded in the previous online session. All changes will be saved to the devices and uploaded to the system when a connection becomes available.



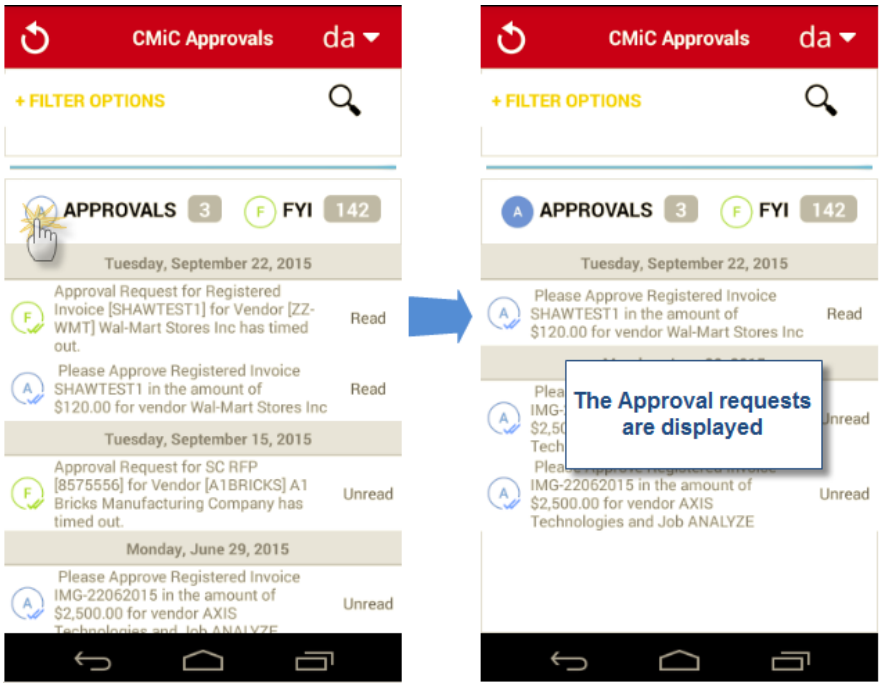
Main Screen

The main screen displays list of the approval requests and FYI messages sent to the user.

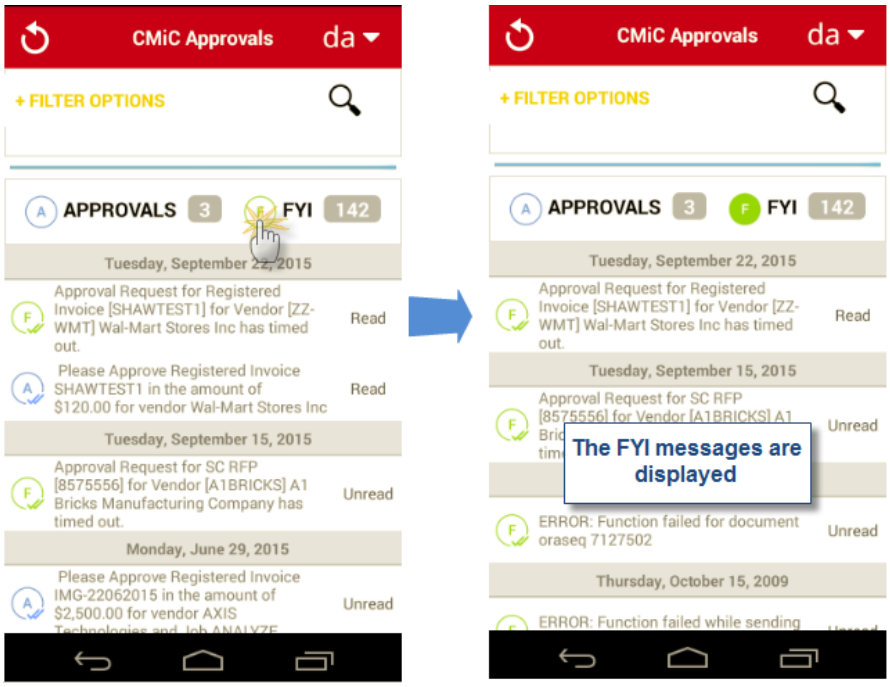
Filter Options

Three filters can be applied to the list:

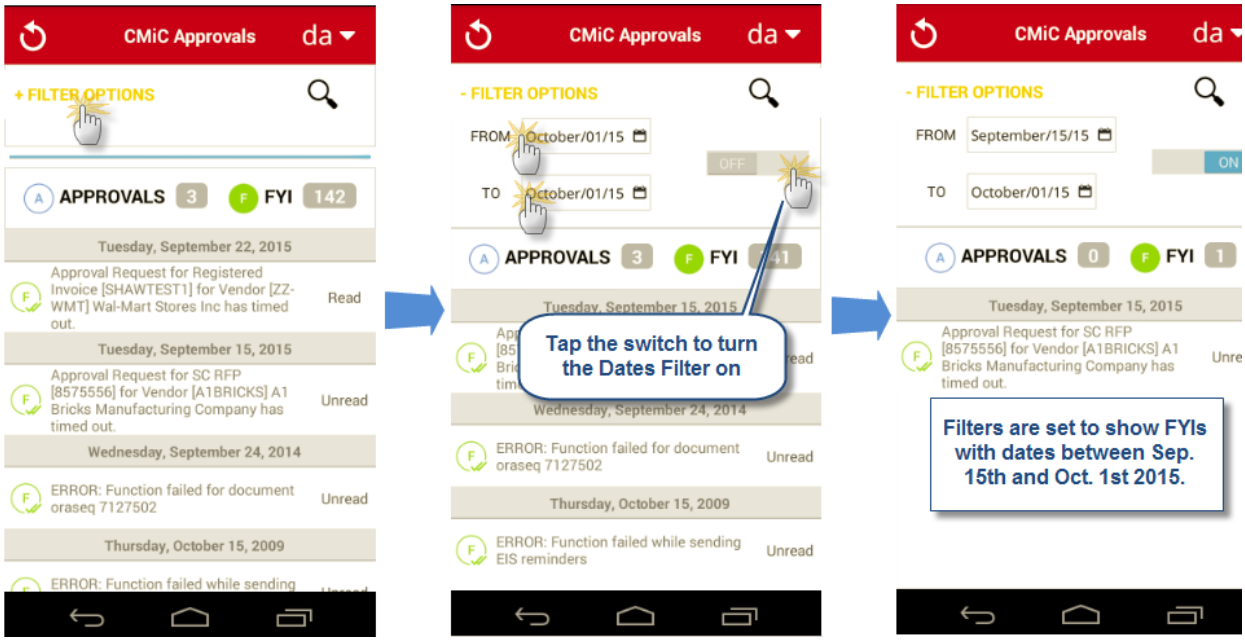
Display Approval Requests



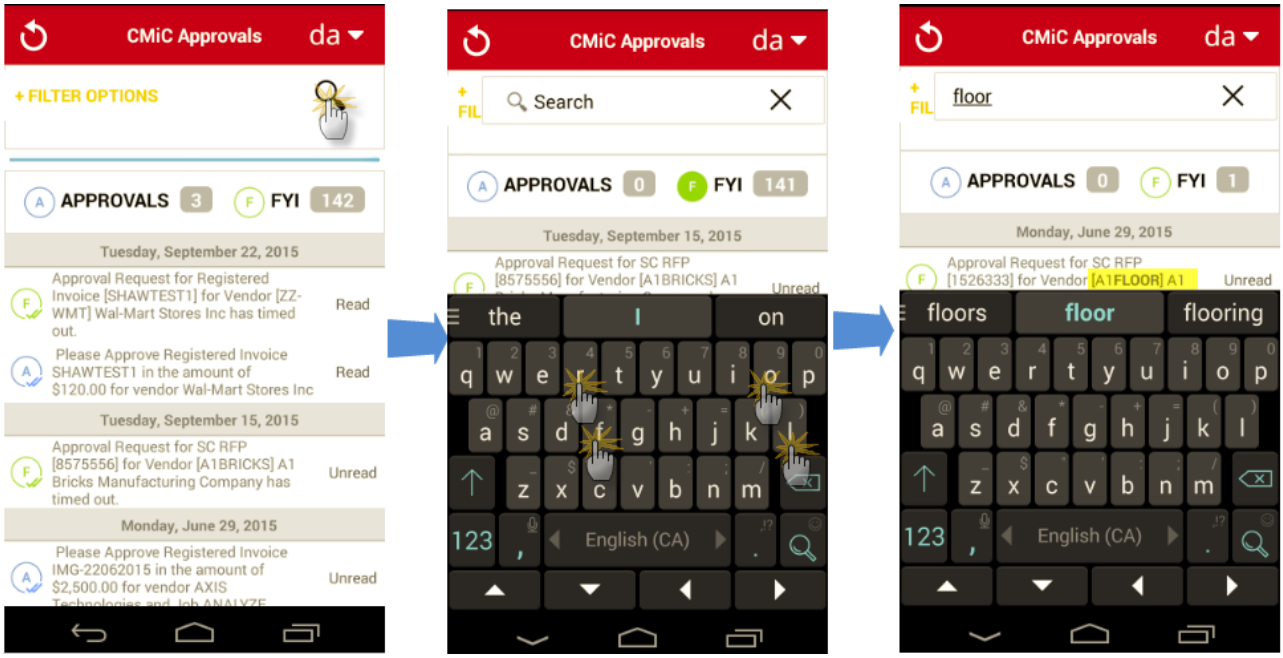
Display FYI Messages



Filter List by Date Range

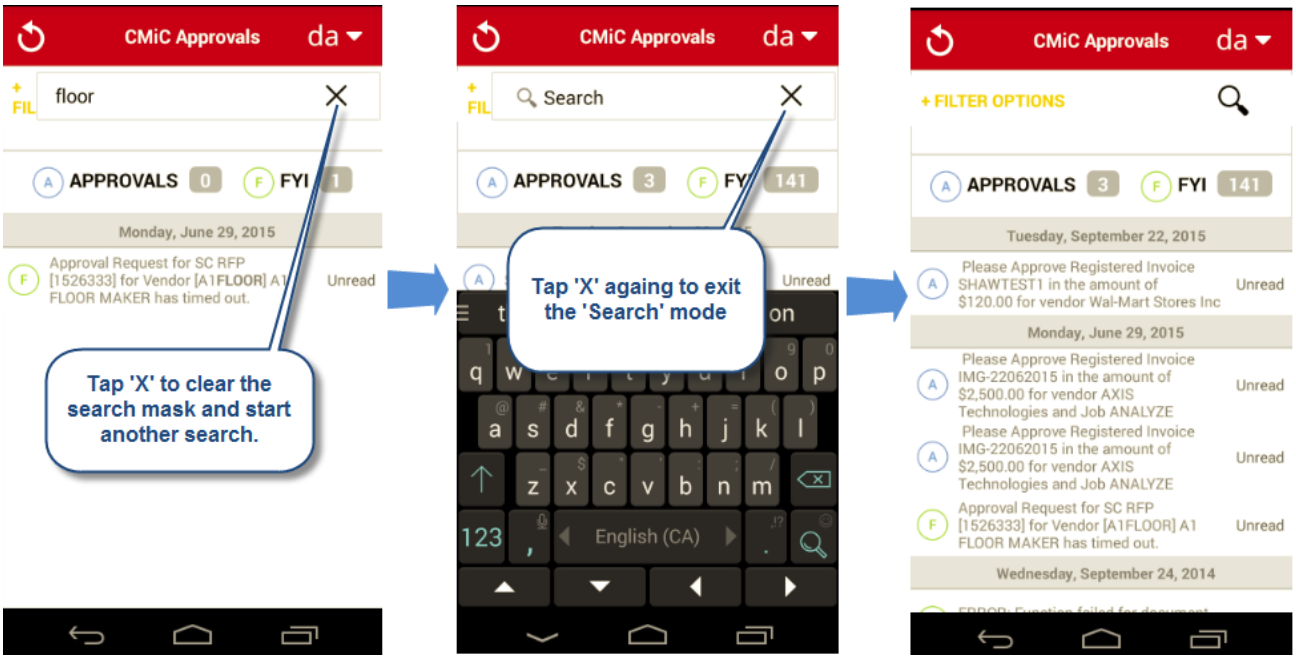


Searches

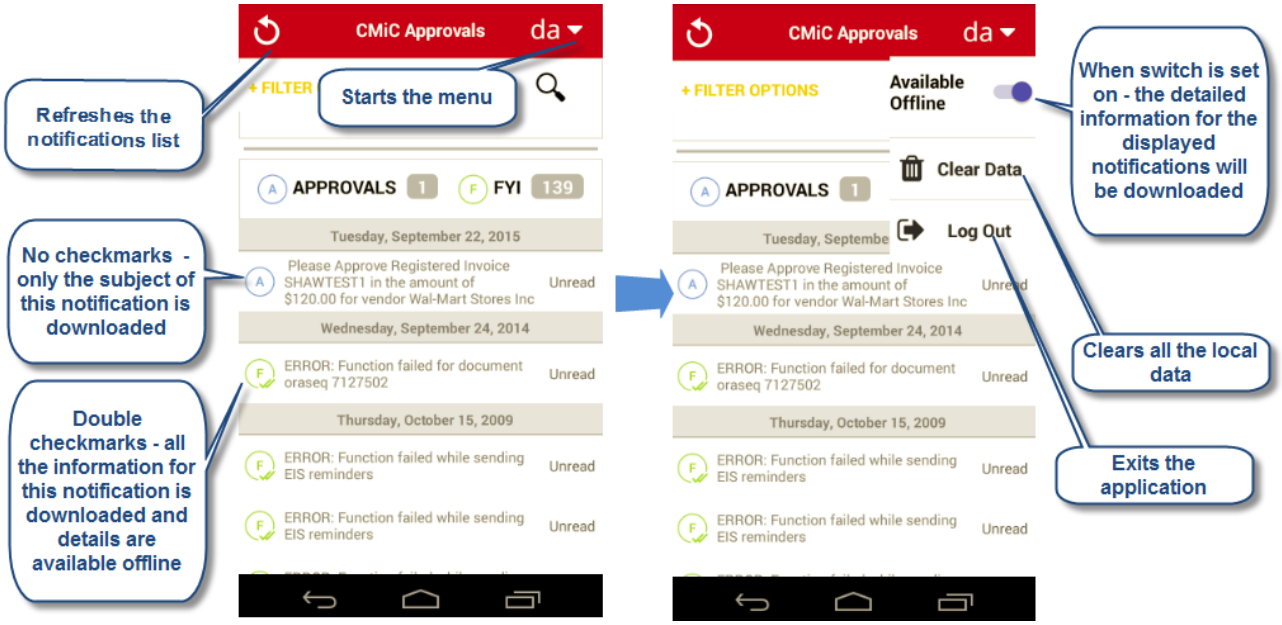


To search for an item, tap the Magnifying Glass icon and enter the search text. Matched records will be displayed while typing.

To clear the search text, tap the 'X' next to the search line. To exit the search mode, tap the 'X' when there is no search text entered (Search is displayed):



Refresh, Drop-Down Menu & Indicators



Refresh

Updates the notification list from the server.

da Drop-Down Menu

Available Offline

If on, notifications and their details, not just their subject lines, are saved to the device so that they are accessible when there is no connection to the server. As shown above, indicators show if the information for an item is accessible when working offline:

No checkmarks – only subject of the notification is downloaded.

Double checkmarks – the detail information of this notification is available offline.

Clear Data

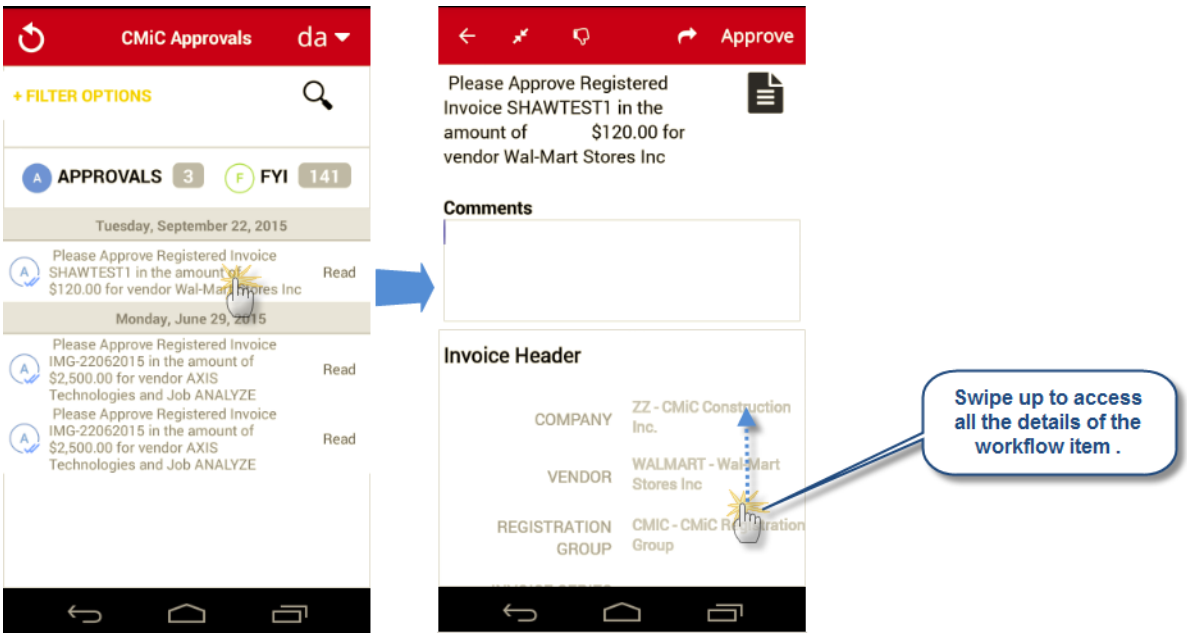
Deletes all the local data for this user. Tap the Refresh icon to load the notification list.

Log Out

Exits the application.

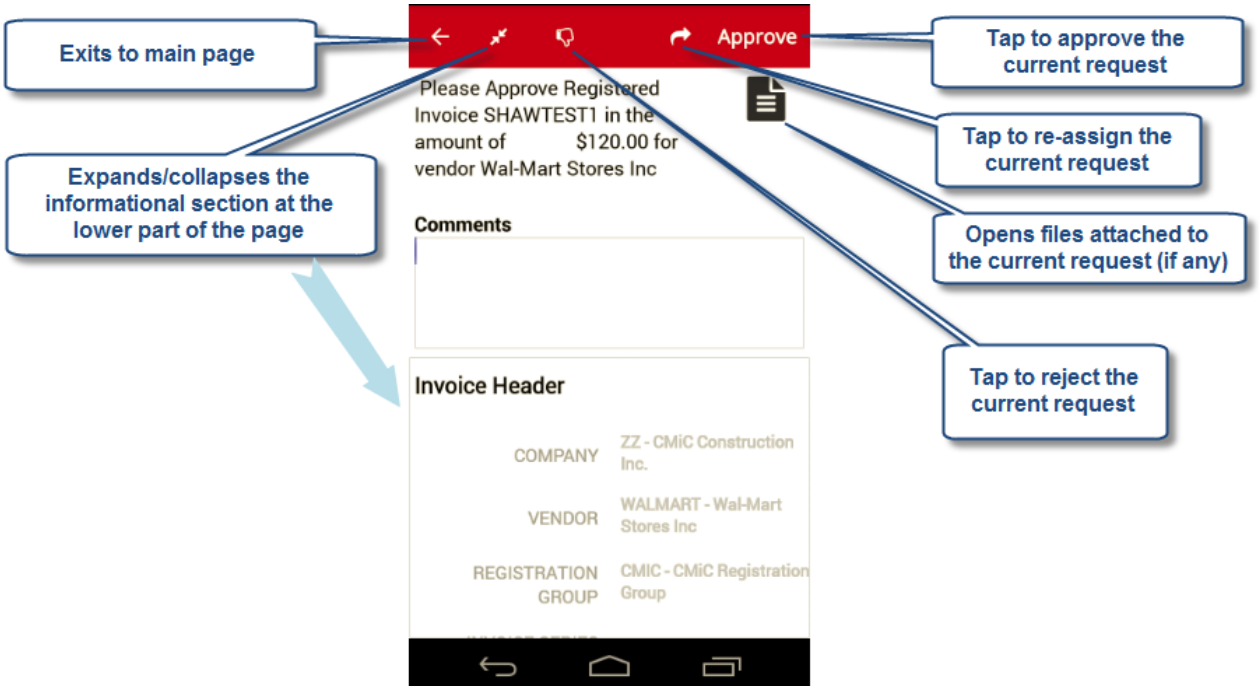
Working with Notifications

Approvals



Tap a request to access the details screen, which consists of three sections: a section of controls (along top of the screen), a section for the message, **Comments** and an icon to access the files attached to the workflow, and the workflow information in the lower part of the screen.

Working with Notifications



Depending on the settings in the Imaging Controls/Workflow Notifications and Display options, a **Comment** may need to be entered when approving/rejecting the workflow.

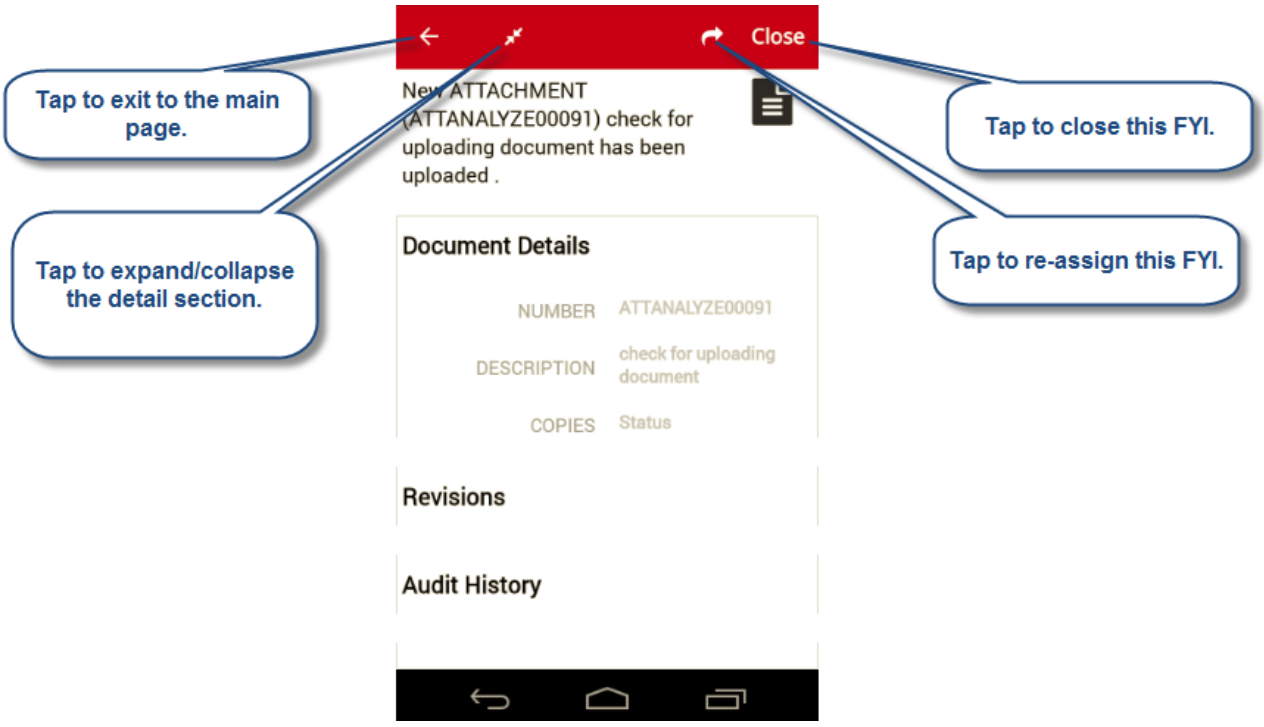
Upon tapping [Re-Assign], shown below, the application opens the screen where the workflow can be re-assigned to another user:



When the workflow gets approved, rejected or re-assigned the application returns to the main screen. The status of the workflow will be changed accordingly and displayed in the status column:

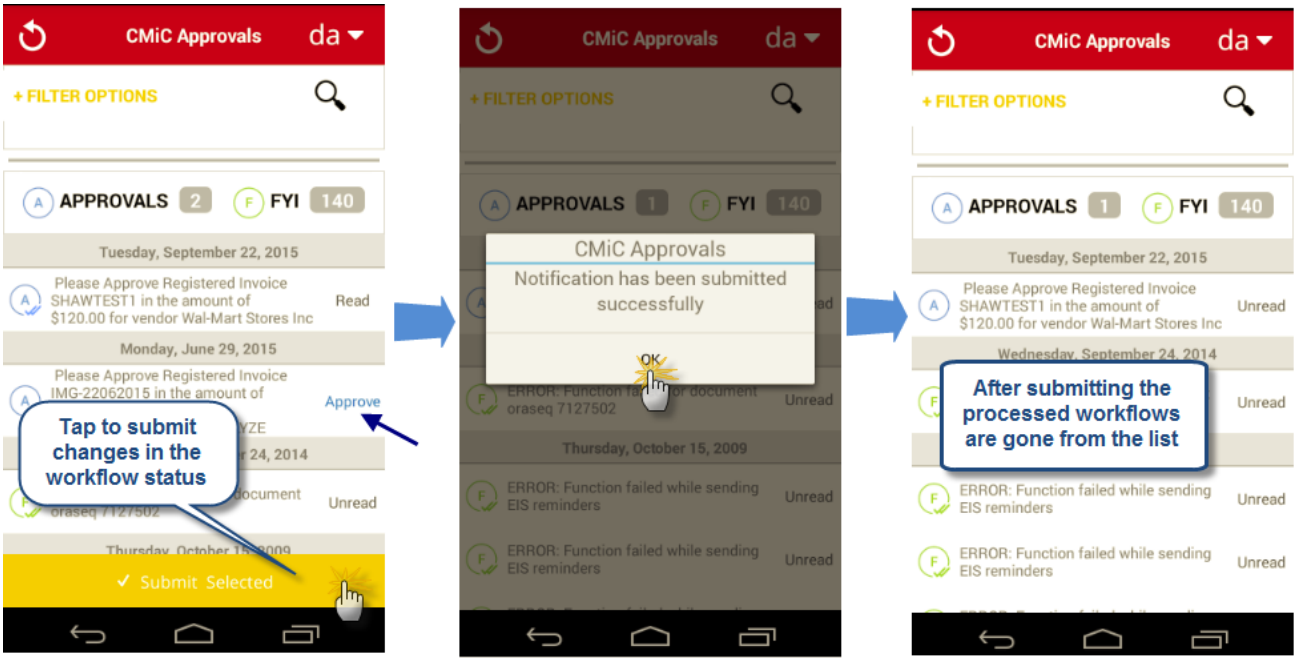


FYI Messages



The controls available on the FYI details screen are similar to the ones for Approvals, except there are no Approval/Rejection buttons. The only difference is the [**Close**] button, which is used to close the screen.

Submitting Changes



To submit the changes, tap the [**Submit Selected**] button. The approved, rejected and re-assigned notifications will be processed and removed from the list.

When submitting changes offline, the application creates a queue of the notifications with changed statuses, and once a connection to the server is restored, they will be submitted to and processed by the system.

PM Role Privilege - Disallow Creating Contacts For Company (FS06 merge)

This enhancement includes a PM Role privilege in the MAINTENANCE section of the PM Role Privileges screen: "**Disallow User From Creating Contacts For Company**". It is included in the FS06 merge to standard product.



When checked, this privilege **prevents** the user from **creating** new contacts for a Company (C-Type partner). The user can only **add existing contacts** for a Company by selecting them from the contact LOV.

If the user tries to **create** new C-Type contacts with this privilege assigned to his PM Role, a message will be displayed, and the user will be required to **select** a contact from the Contact LOV instead.

On selection of the contact code, it will back-fill the company/partner of the selected contact code (i.e. act as if the company code was not entered and left blank).

Also added the following columns to the Contact LOV:

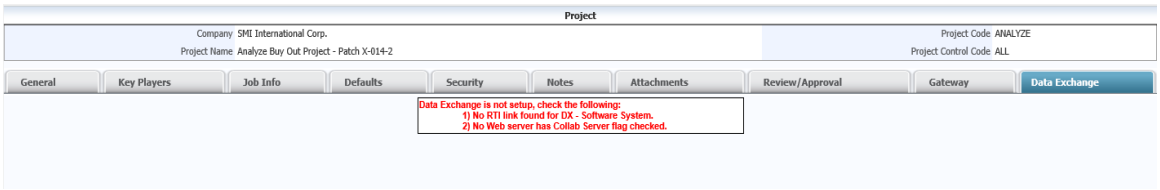
Abbrev

Company Code

Company Name

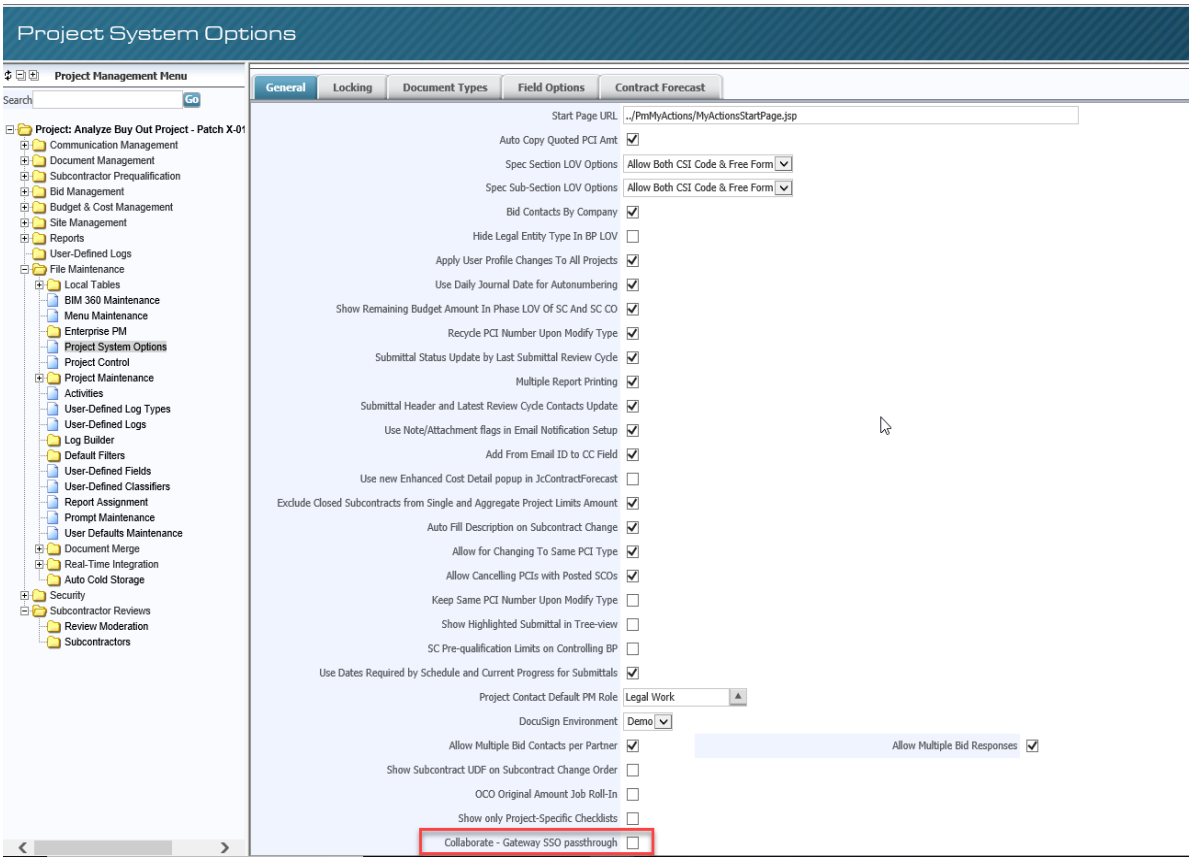
Type

Project Maintenance – Data Exchange tab (17.39936)



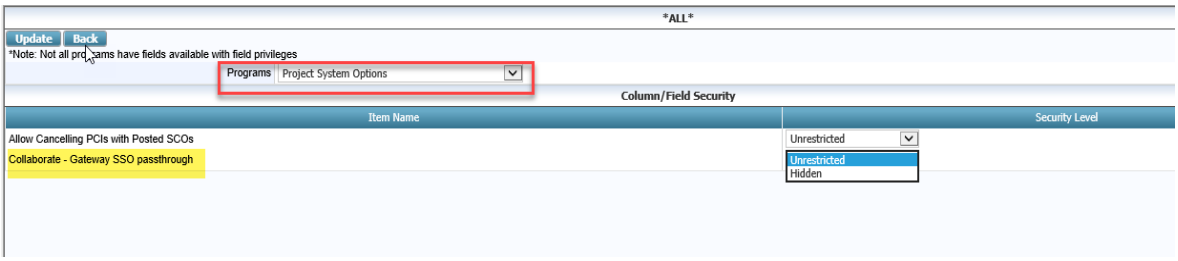
BETA (Under Development): Added a new Data Exchange Tab to Project Maintenance to allow for activation of Data Exchange to GCS System.

PM Systems Options – Collaborate (Gateway) SSO flag (18.55464)



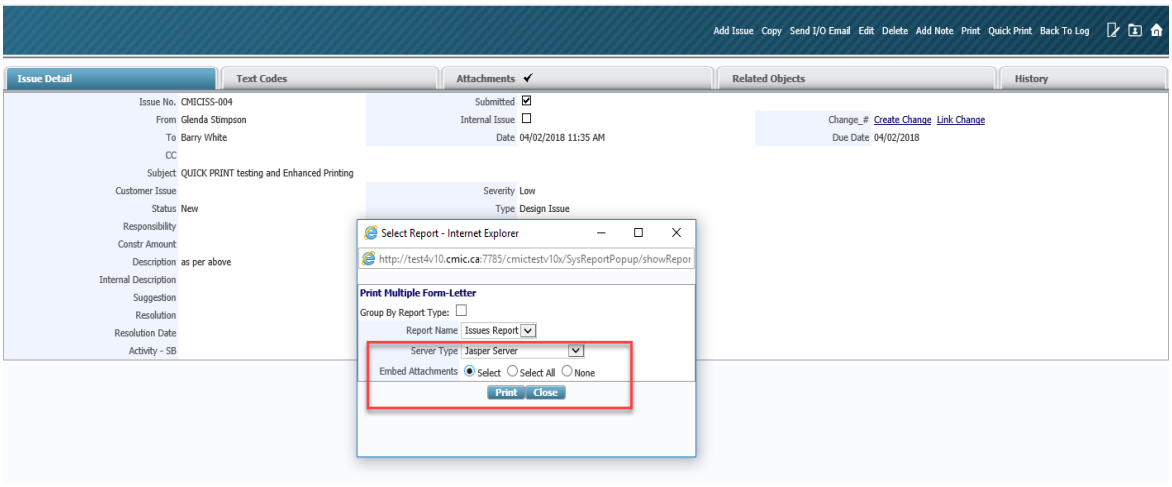
A new **Collaborate – Gateway SSO passthrough** flag has been added to the General tab of the Project System Options screen. This flag will be used in the Gateway system to determine if Single Sign-On (SSO) passthrough is required.

Field security can be applied to the flag. It is either Unrestricted or Hidden:



CORRECTION – Embedding Attachments (JASPER) (FS03 merge)

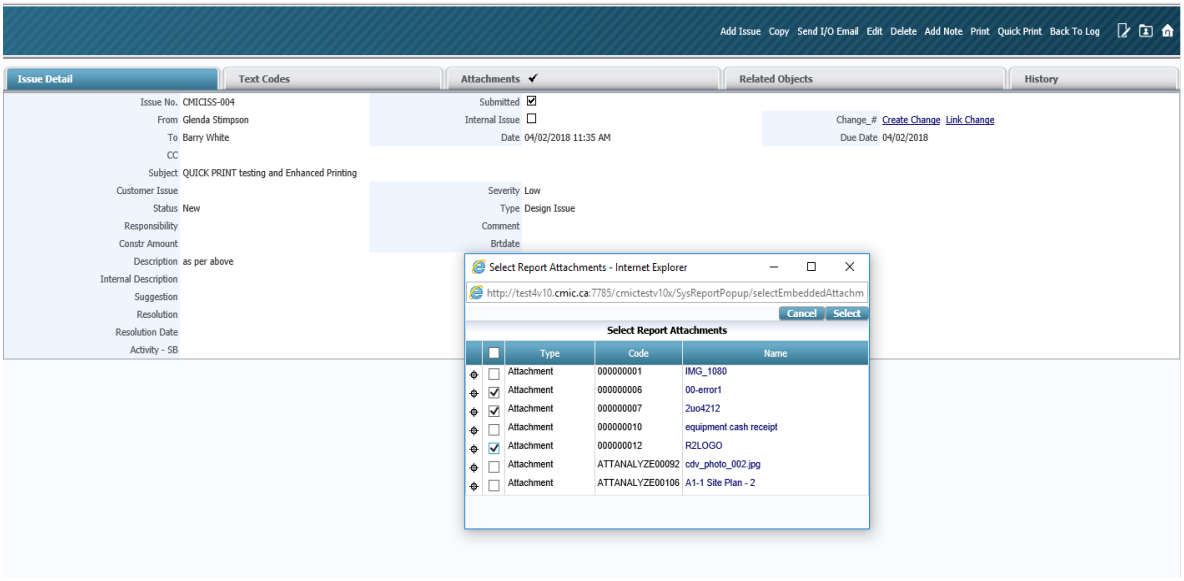
Patch Document V10-X-212-01 incorrectly stated that the Embed Attachments radio buttons were disabled for Server Type 'Jasper Server', and that: "the 'None' option will always apply to JASPER reports, as they do not yet allow embedding of attachments". This is no longer the case, since enhancements were previously applied so that Jasper Reports can include embedded attachments:



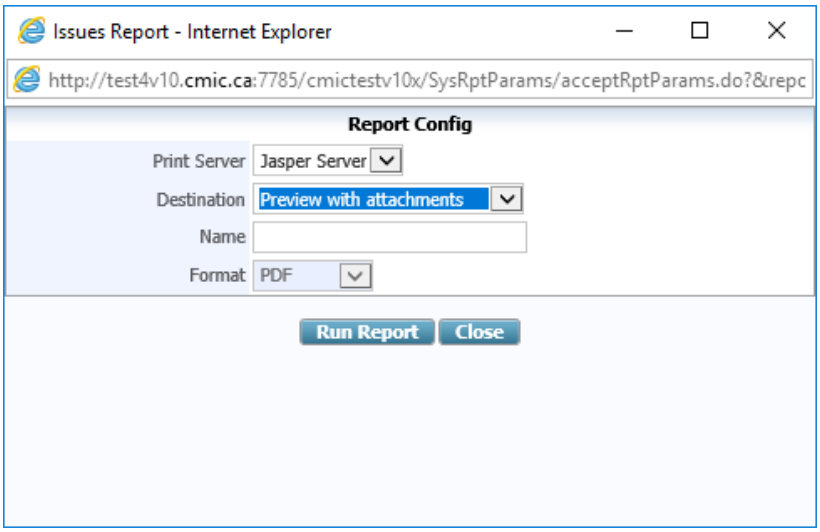
Any of the radio button options can be applied to the 'Jasper Server' server type.

Example:

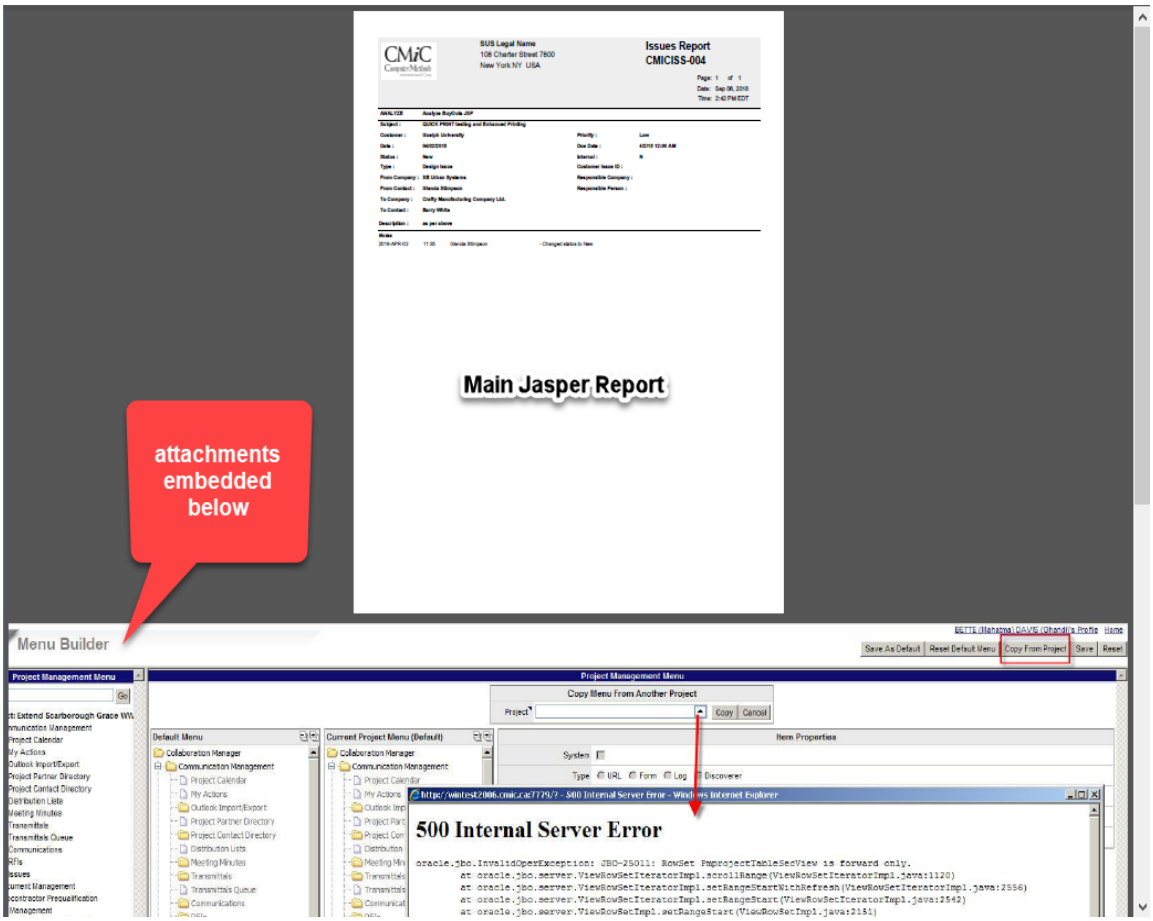
When Embed Attachments radio button is set at 'Select', the resulting popup window will allow the user to select the attachments to be embedded with the report:



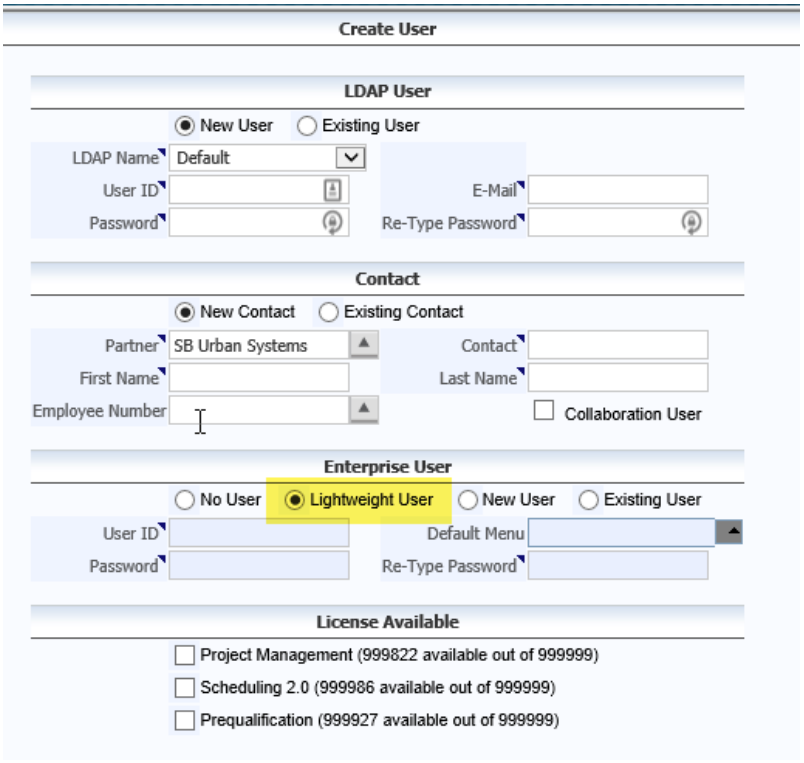
On clicking [Select], the next window will default with 'Preview with attachments' as the Destination:



The user can [Run Report] to preview the report with the embedded attachments, or select another Destination from the list.


Issues Report
CMICISS-004
Main Jasper Report
attachments embedded below
Menu Builder
Copy From Project
Copy Menu From Another Project
500 Internal Server Error

User Maintenance – Lightweight User (18.56695)

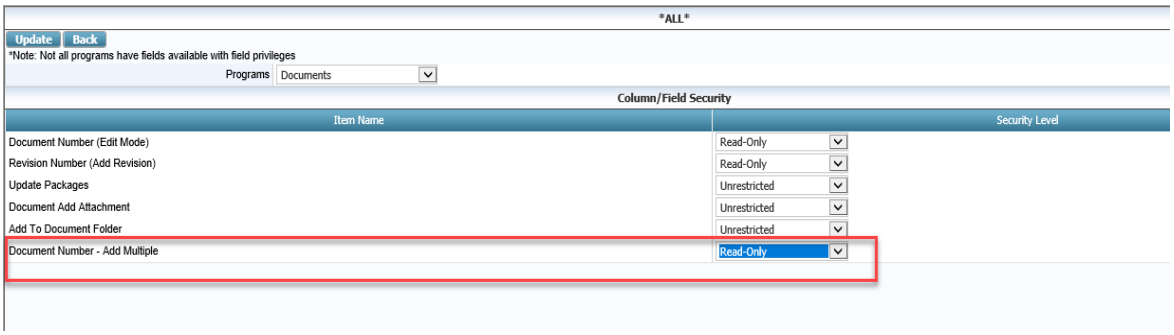


For GCS Integration: User Maintenance - new option 'Lightweight User' has been added to the "Enterprise User" section of the Create User screen in JSP. This is the default for C-type users. For P-type users the Enterprise User and License section is hidden.

A Lightweight user is a C-Type contact for which no Enterprise User will be created.

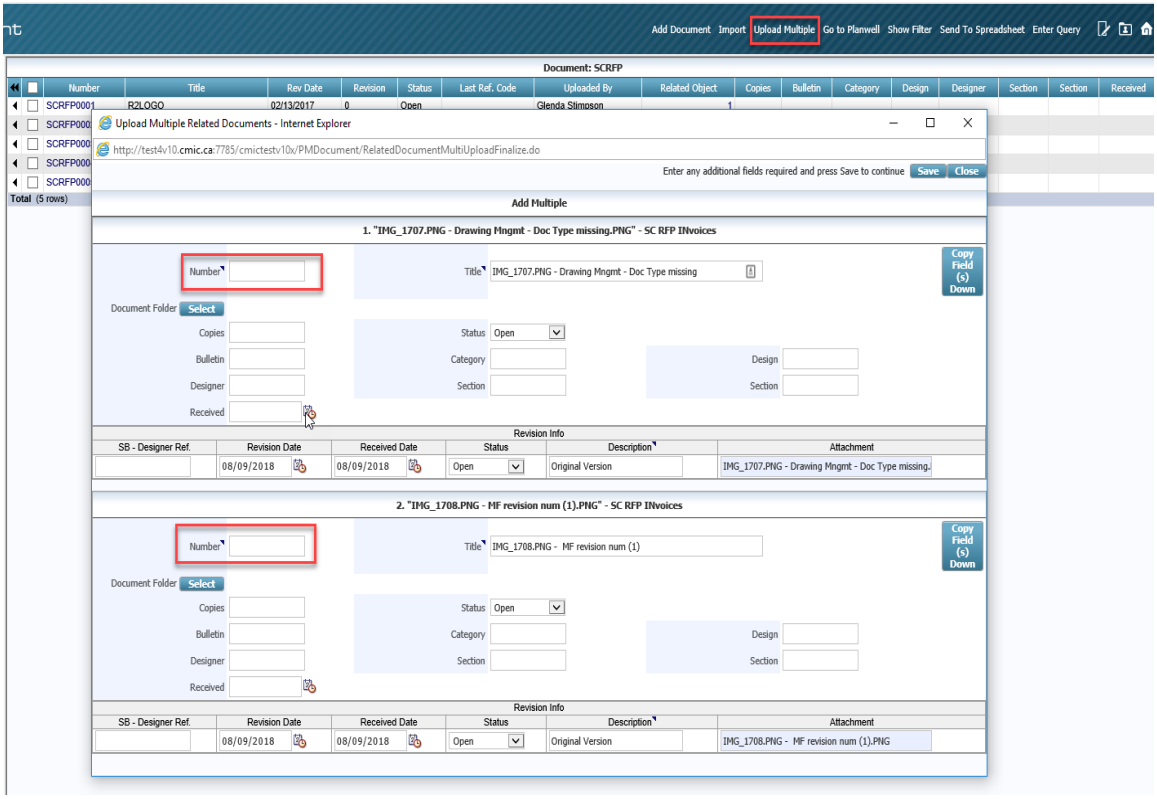
Document ID Field Security in Upload Multiple (17.42017)

Field security has been programmed for the Document Number during Multiple Upload. The default value is set to "Read-only" to preserve the previous standard functionality.

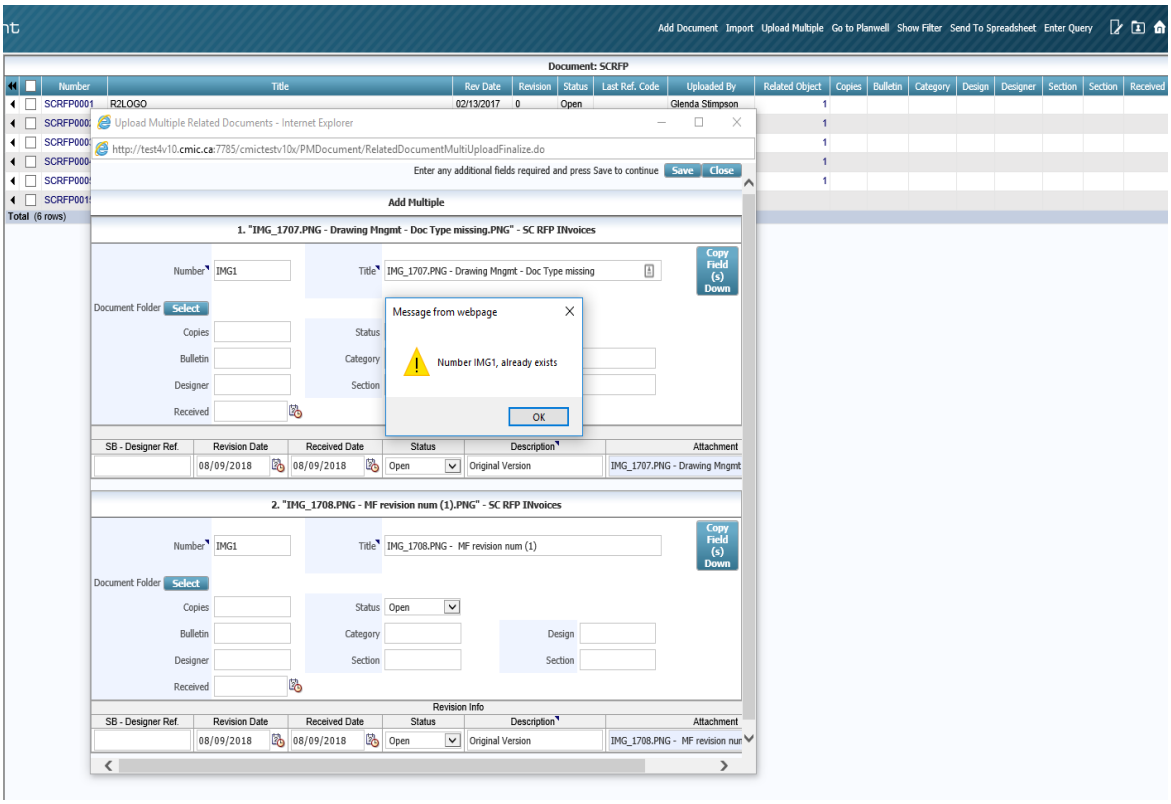


When set to Unrestricted, and the 'Allow Override' flag is set on the Document Type auto-numbering mask, the user can enter the Document ID during Multiple Upload.

The program validates and ensures the Document IDs entered are unique.



Validation for unique Document ID.

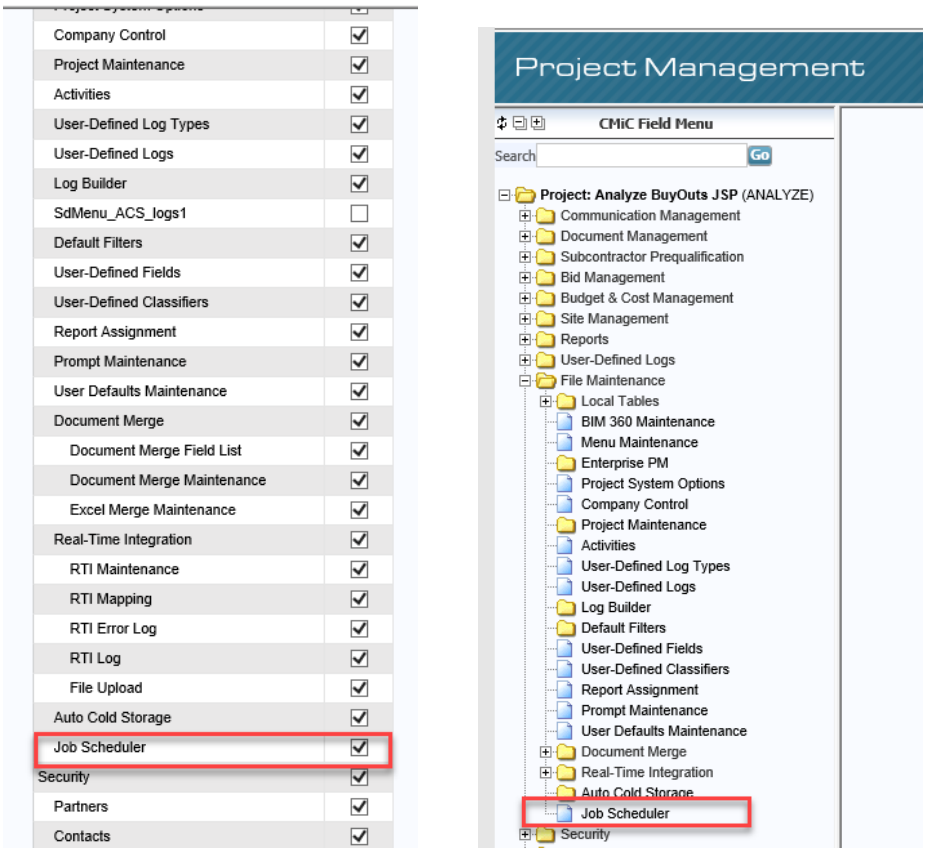


Job Scheduler for Archiving and Reports (18.58422,18.54814)

The following enhancements have been added to support the archiving of files (namely Drawing Sets for Drawing Management) and Reports:

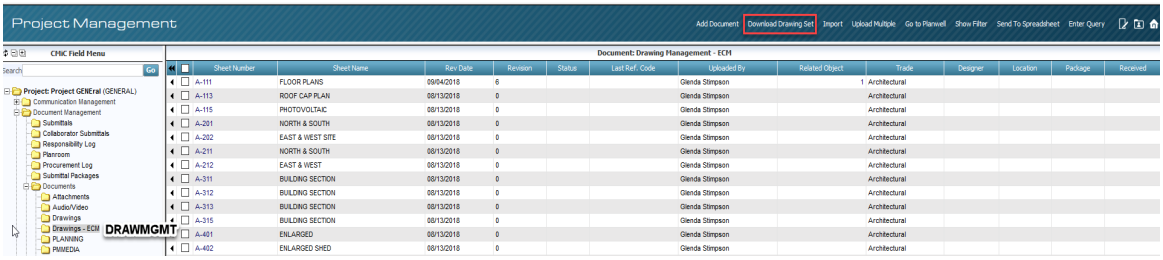
a) a new program "Job Scheduler" found under "File Maintenance" which is used to access the Job Scheduler maintenance screen.

Apply security access with ***Security > Role Maintenance > Assign Menu Items > File Maintenance***



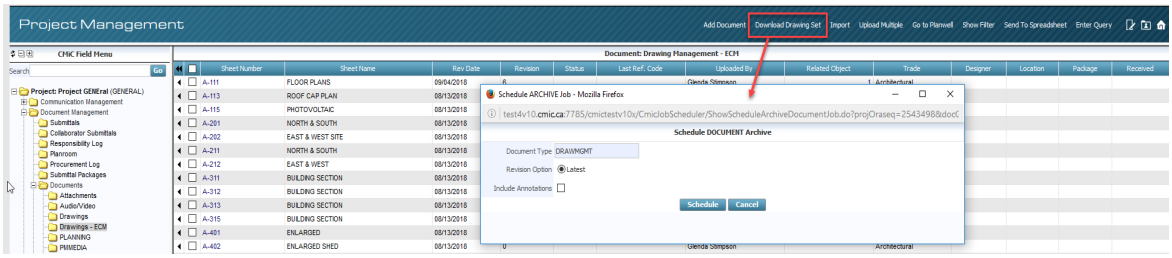
Once the security access is applied the program will be available in the tree-view. If the tree-view is a custom one, make the necessary update using Menu Maintenance.

b) A **[Download Drawing Set]** button has been added to the Documents screen for document type with code DRAWMGMT:



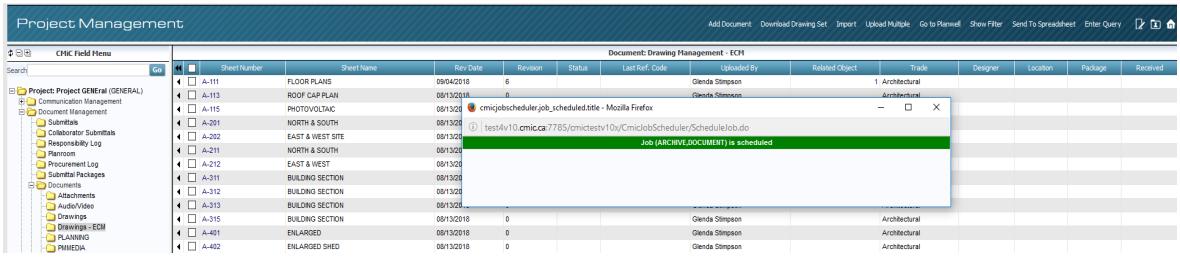
How it works

Click the [Download Drawing Set] button.

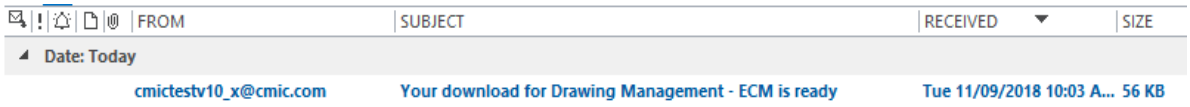


The Document Type “DRAWMGMT” is defaulted in the resulting screen display. The Latest revision is used. The download may include Annotations if needed.

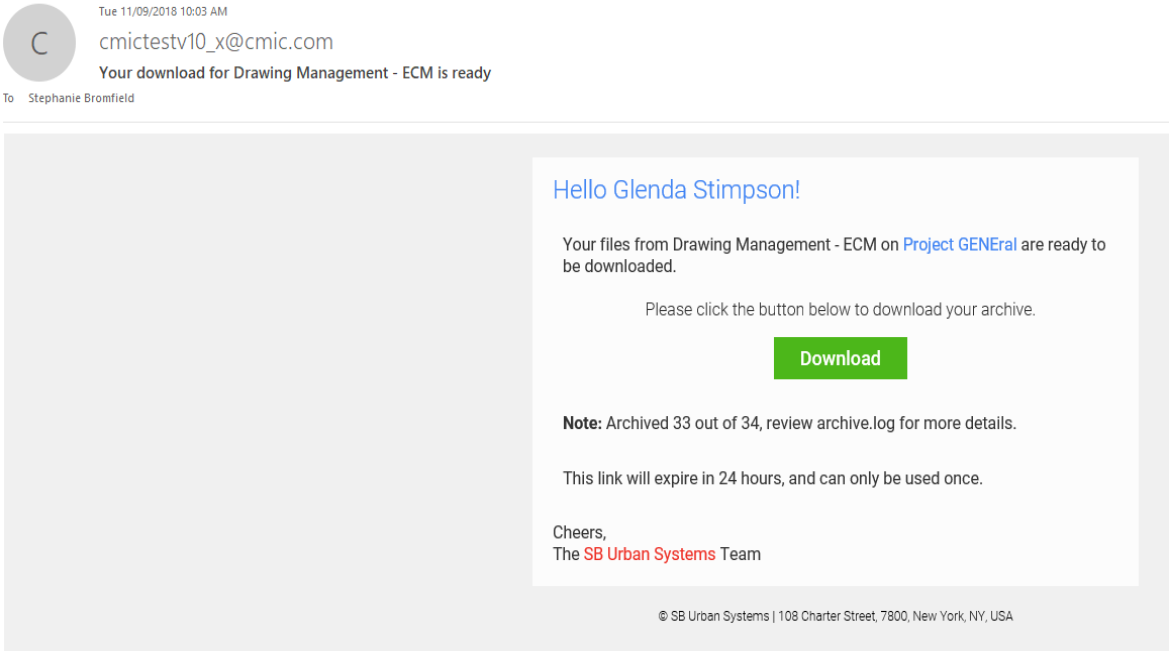
Complete the parameters and click [Schedule]. The archiving process is scheduled:



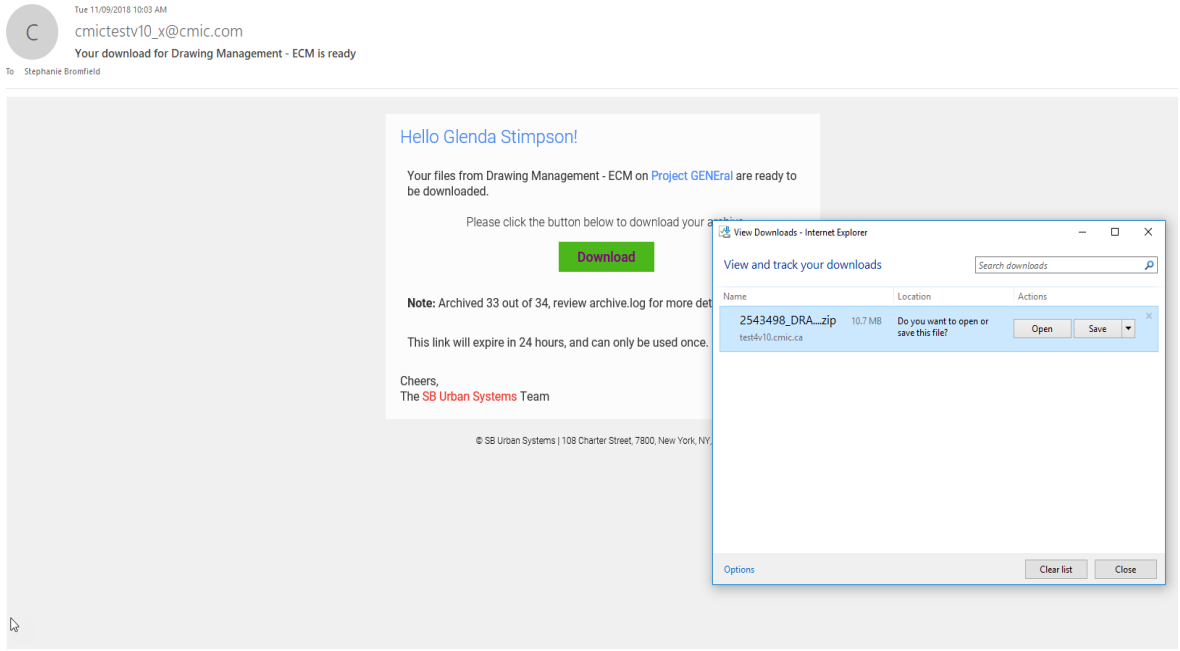
An email is sent to the user:

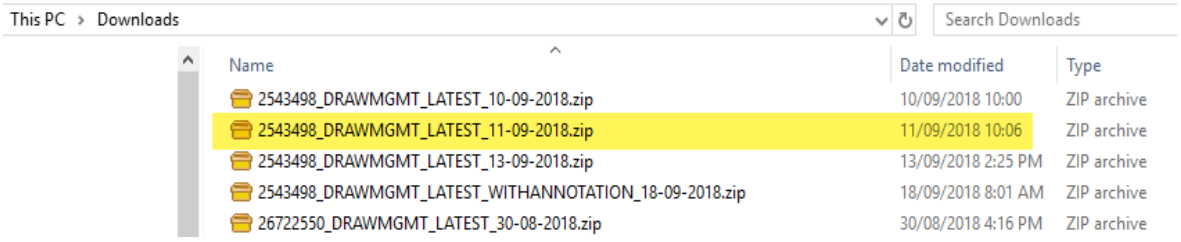


Open up the email to get a message to download the file within 24 hours:



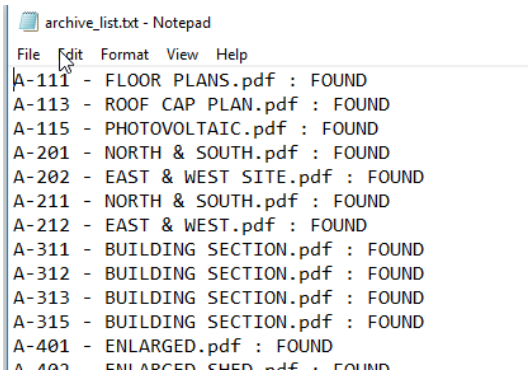
The Drawing Set can be downloaded to any location that the user desires:



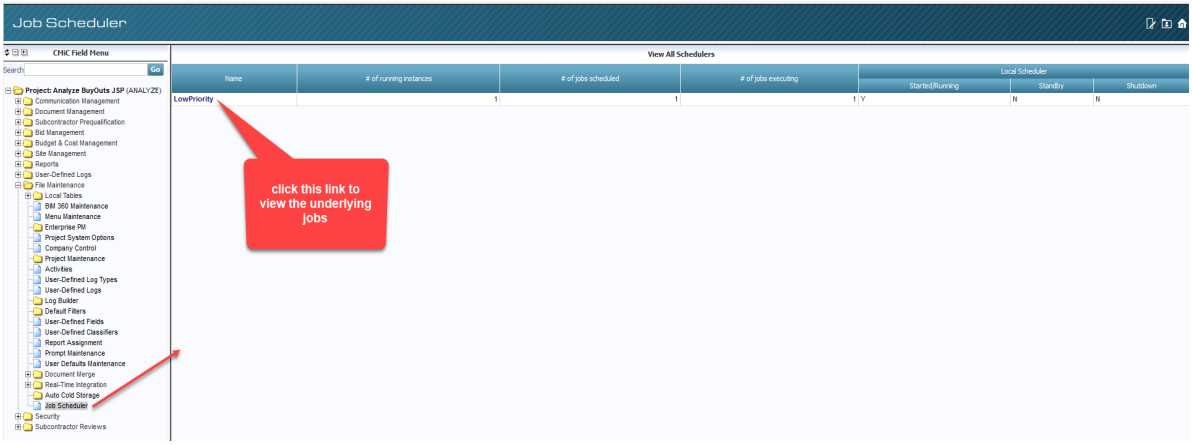


When Annotations are included, this is evident in the filename, for example: “2543498_DRAWMGMT_LATEST_WITHANNOTATION_18-09-2018.zip”.

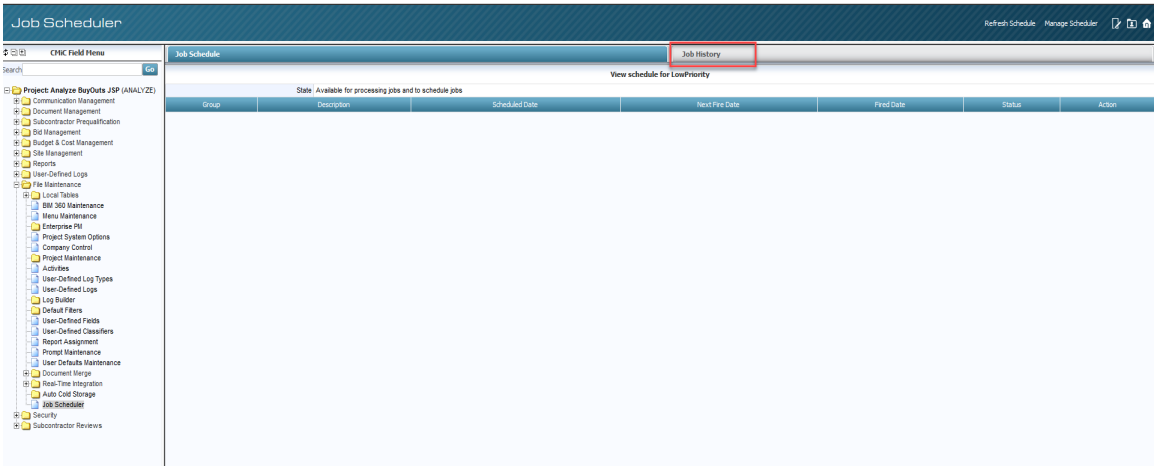
When the zip file is opened it shows a list of the PDFs that were archived, as well as a log file (archive_list.txt), of the downloaded PDFs:



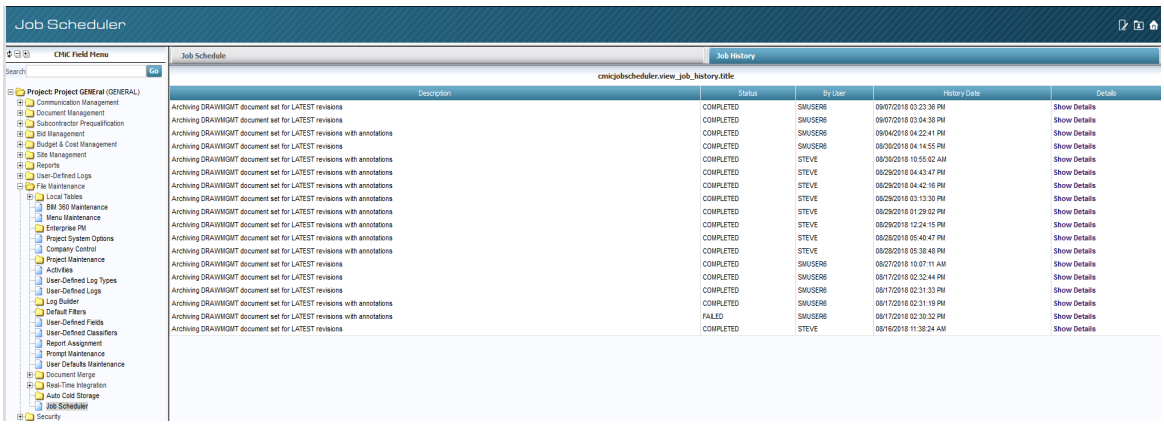
In the Job Scheduler screen:



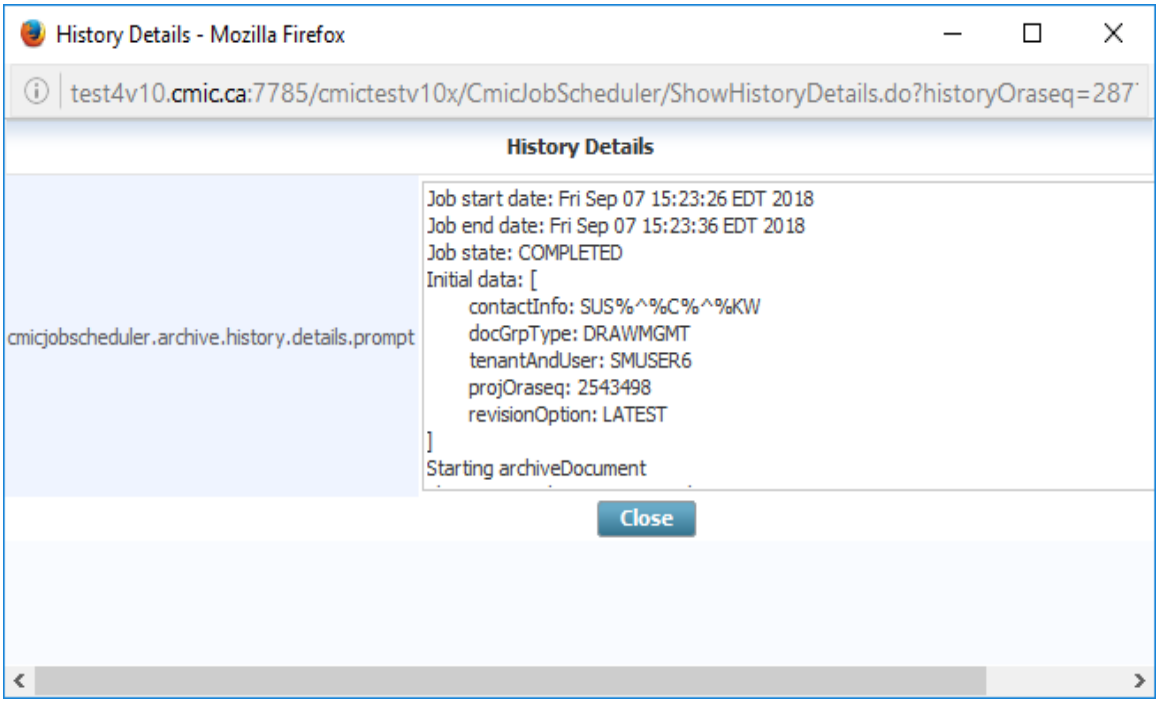
Clicking the **LowPriority** link will display the following screen:



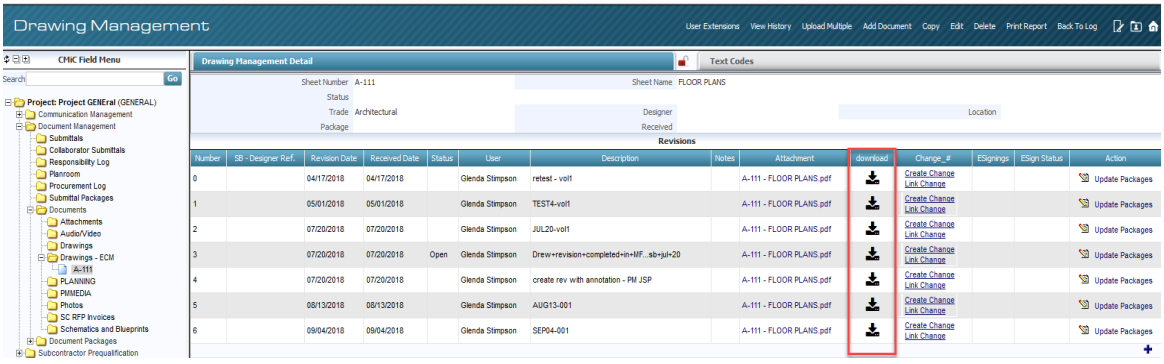
Click the **Job History** tab. The most recent jobs are listed at the top of the display:



Click the **Show Details** link to show the details of the archiving process log:



Flatten PDF with XFDF Annotations – Document Download for DRAWMGMT (17.45878)



The first stage of this functionality was first released in V10-X-212-01-1. The download icon functions in downloading a PDF document with its Annotations flattened into the resulting document that is downloaded. This applies only to documents of the document type DRAWMGMT (ECM - Drawing Management).

IMPORTANT NOTE: For CMiC's implementation and testing of this functionality, Apache PDFBox 2.0.8 **(**requires library pdfbox.jar and pdfbox-tools.jar) was used. It provides support for the following annotations:

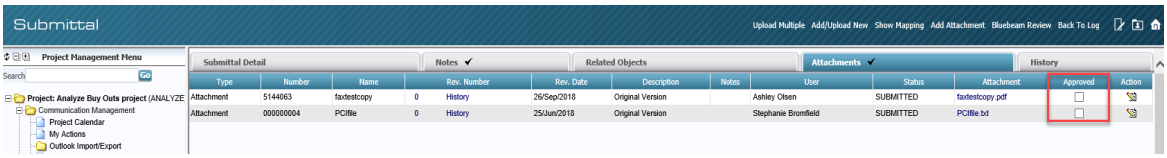
1) text
2) caret
3) freetext
4) fileattachment
5) highlight
6) ink

7) line
8) link
9) circle
10) square
11) polygon
12) polyline
13) sound
14) squiggly
15) stamp
16) strikeout
17) underline

Not all annotations were tested. PDFBox 2.0.8 source is compiled under Java 6 so it is compatible with V10x.

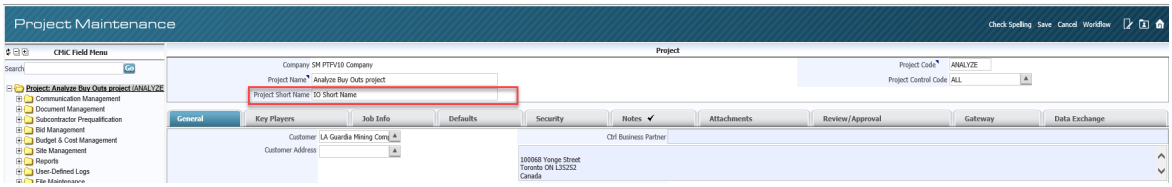
Submittals Document Approved Flag (16.25644)

Added changes for only Approved submittal attachments to be synced from CMiC to PlanGrid, by introducing the "Approved" flag in the Attachments tab of Submittals:



Check this flag if you are using PlanGrid with CMiC and want to synchronize the checked attachments from CMiC to PlanGrid.

Project Short Name in Project Maintenance (17.43202)

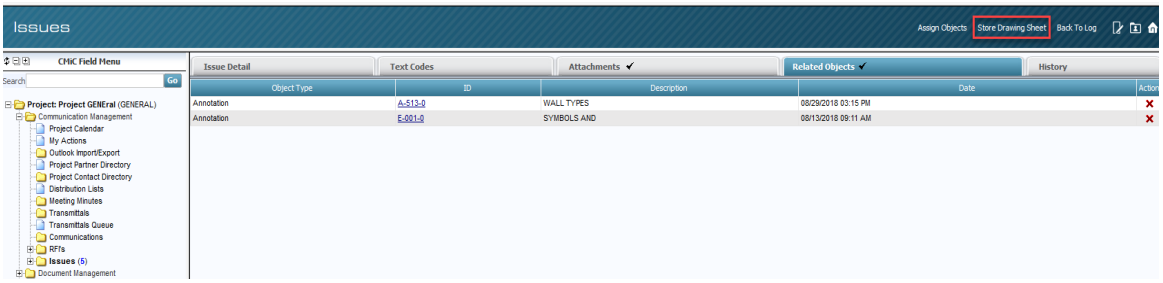


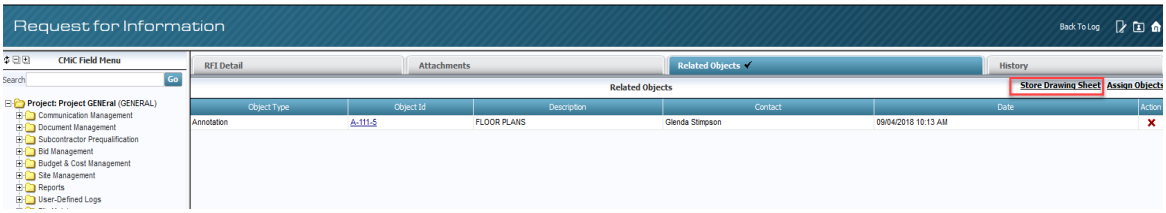
Project Maintenance - addition of Project Short Name to header.

Related Objects tab – Store Drawing Sheet button/link (18.61426)

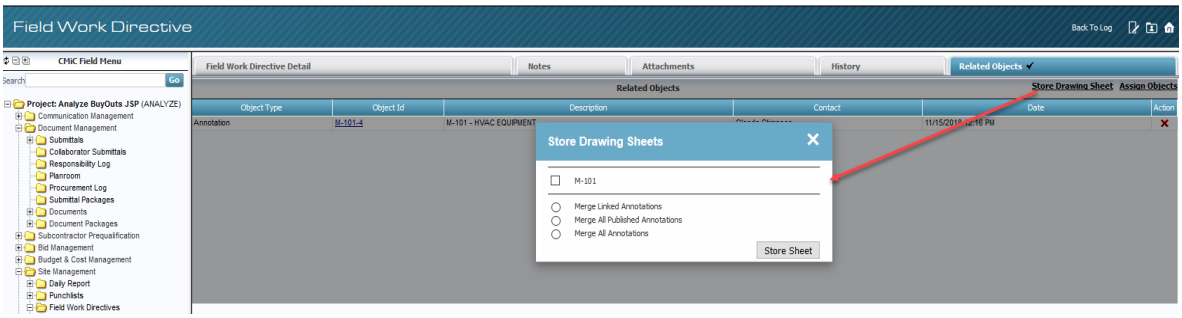
Related Objects tab - Introduction of [Store Drawing Sheet] button (or link in the case of RFIs, Submittals, FWDs].

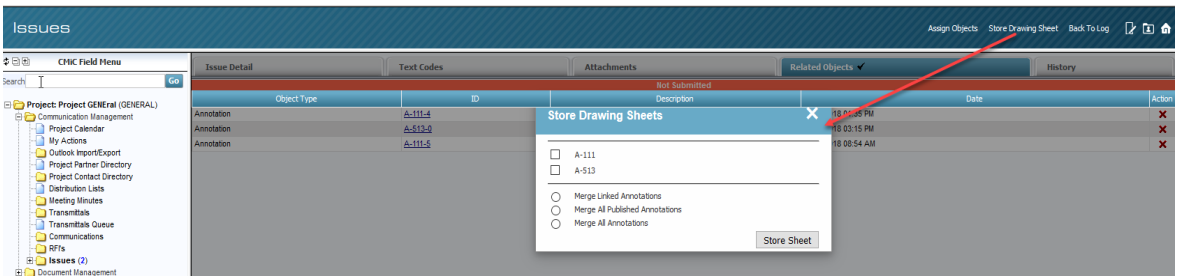
This button/link is displayed in the Related Objects tab of any PM object that is linked to a drawing set's annotation(s), such as Issues, RFIs, Submittals, FWDs, etc. It is only displayed if at least one Related Object in the tab is of Object Type 'Annotation':





When the button or link is clicked, a popup window is displayed with all the drawing sets that are linked to it:



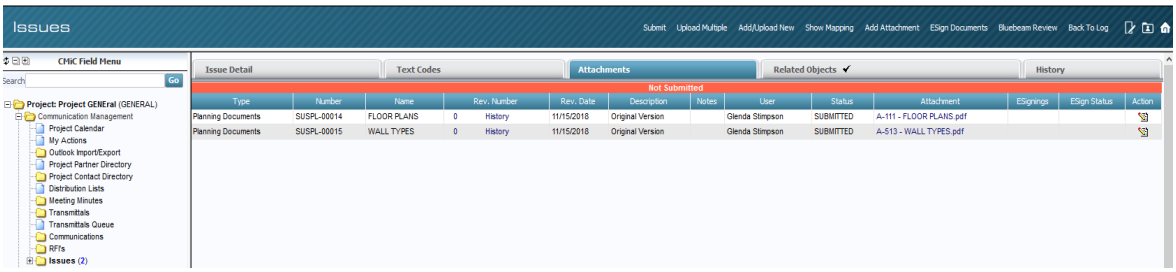


The user can select one or more drawing sheets to store, with the following options:

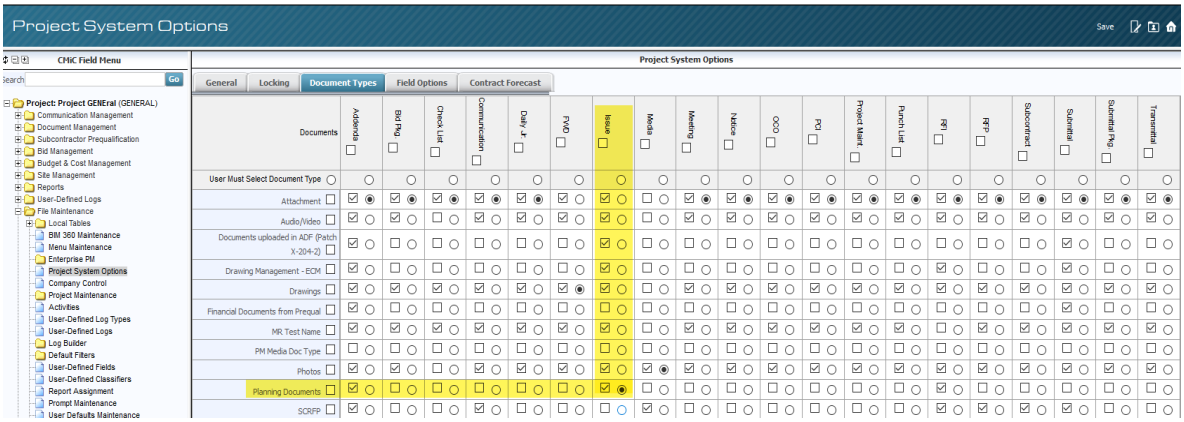
- No radio button selection - this will attach the raw PDF to the record
- Merge Linked Annotations - this will merge both published and unpublished annotations that are linked to the record via related objects
- Merge All Published Annotations - this will merge all published annotations that appear on the drawing sheet

- Merge All Annotations - this will merge all published and unpublished annotations that appear on the drawings sheet

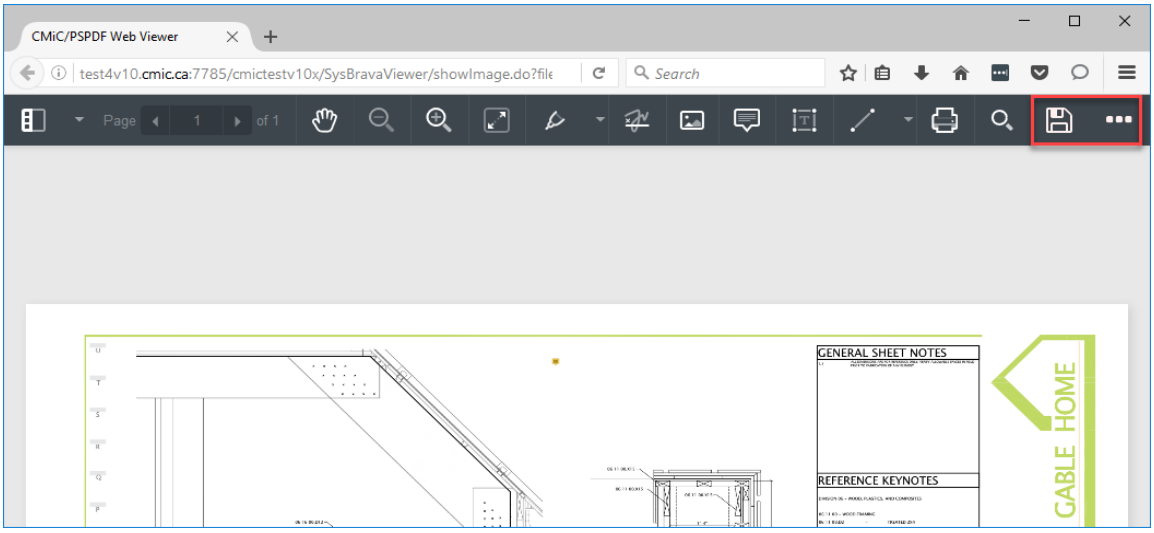
When the [Store Sheet] button is clicked, a PDF copy of the drawing sheet will be saved as an attachment record on the PM object.



The new PDF attachment will be saved in the **default folder** set by *PM Systems Options>Document Types* for the PM object:



CMiC/PSPDF Viewer Icons Update (18.65721)



Used icons instead of text for Create Revision and Toggle Attachments buttons on the toolbar of CMiC/PSPDF Web Viewer:

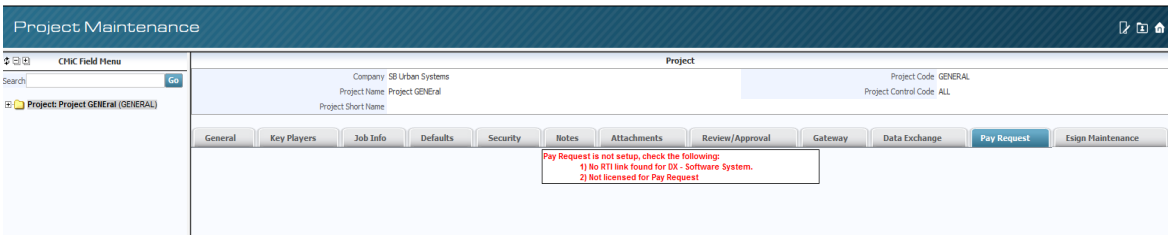


Create Revision



Toggle Attachments

GCS/Project Maintenance – Pay Request Tab (18.64731)



ON-GOING Development: The Pay Request tab has been added to the Project Maintenance screen.

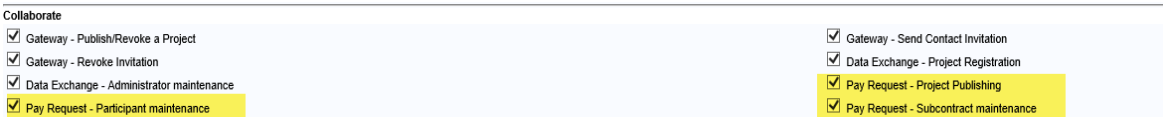
Pre-requisites

1) RTI link for DX - Software System.

2) licence for Pay Request

Setup

New PM role privileges have been added for this:

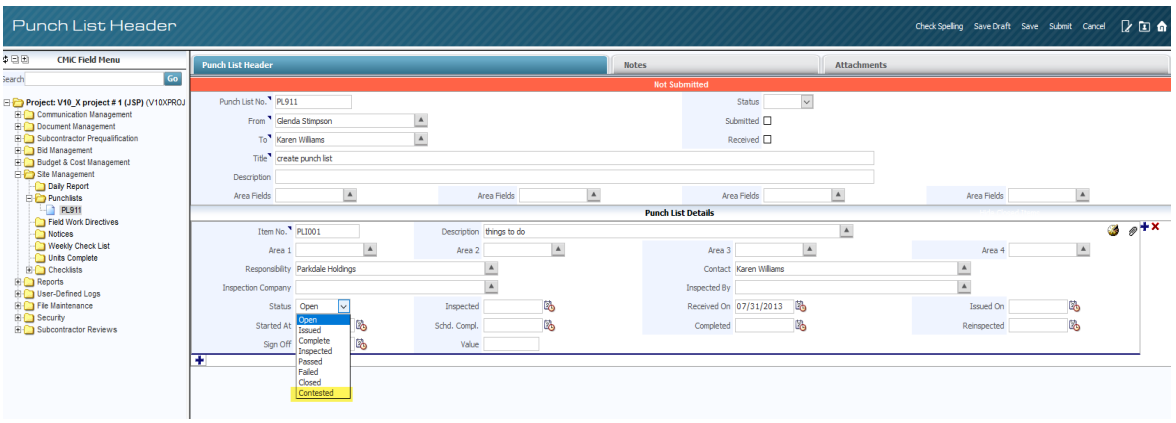


CMiC Scheduler for Archiving (18.58422)

See patch document X-212-02.

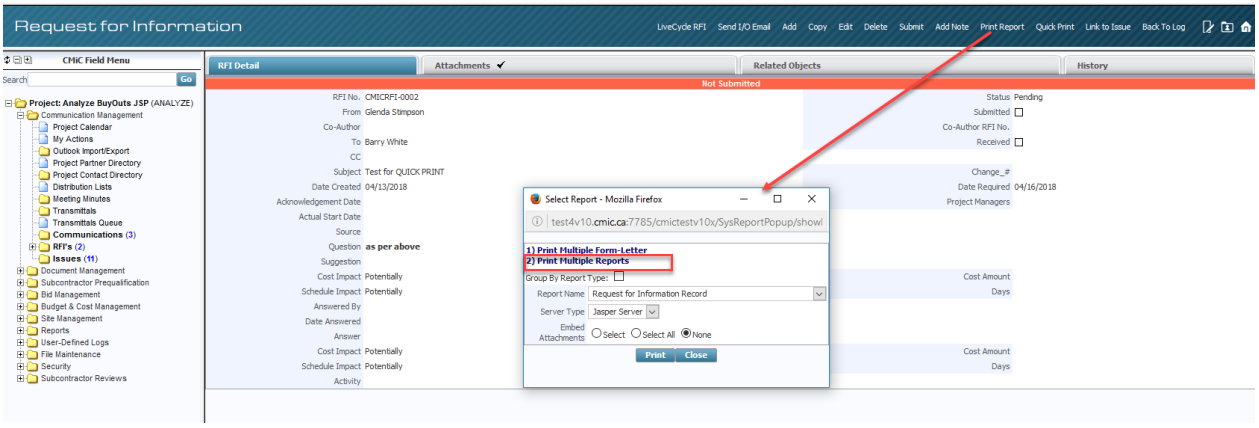
CMIC Scheduler for Archiving - Enhanced the internal CmicJobSchedulerApp library, where there is now a database manager that will check every 15 minutes if the database is available. Otherwise it will shut down all the schedulers until the database comes back up. This is to cover unnecessary exceptions due to internal processes of Quartz Scheduler.

Punch List Item Status - CONTESTED (18.65479)



Added a new Punch list Item Status for "Contested". This status can be used to indicate that a punch list item is being challenged by the subcontractor.

Multiple Reports Print (18.51717)



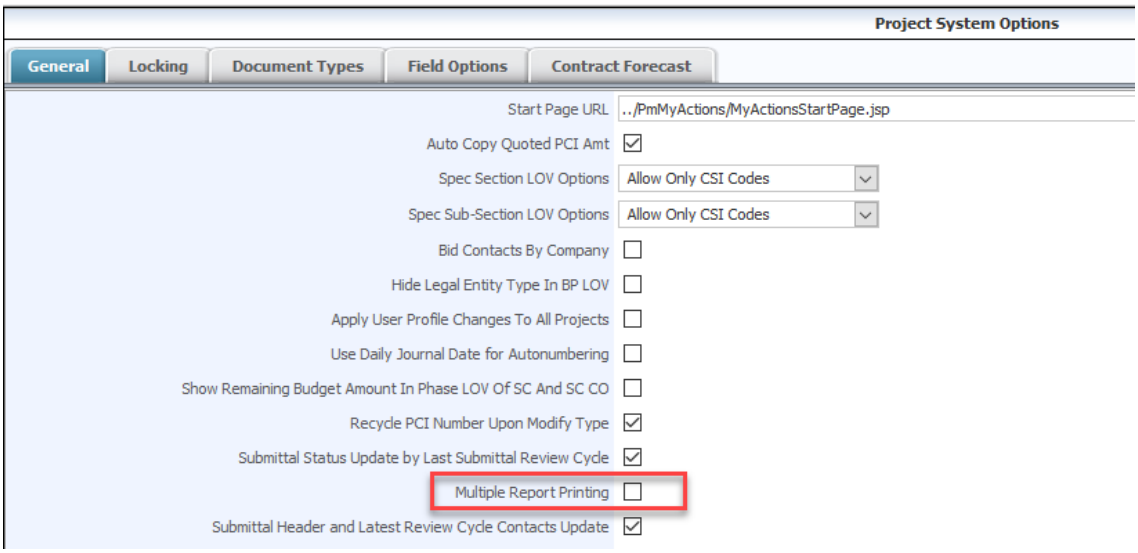
Added the ability to print multiple reports of a single type or mixed, including attachments and ordering of both reports and attachments. This is applicable to:

1) Oracle reports

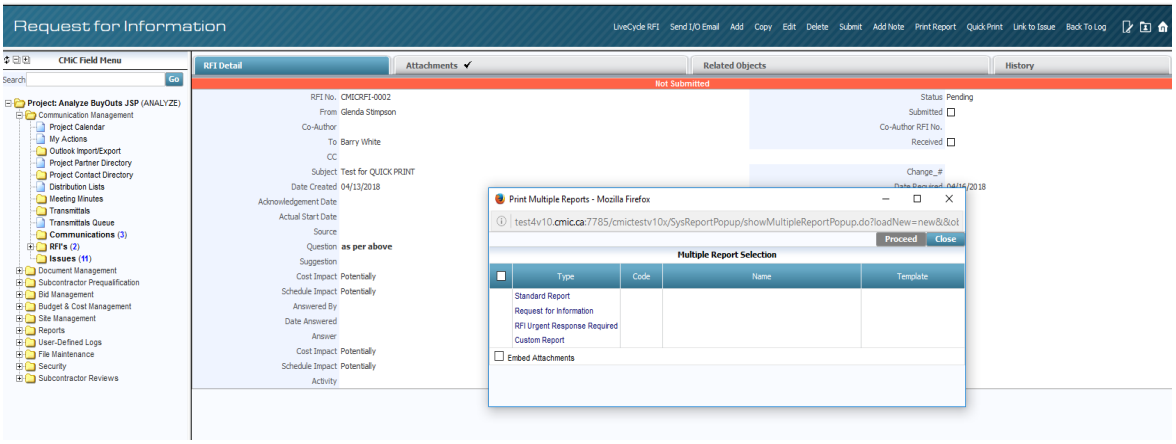
2) Jasper reports

3) MIP reports

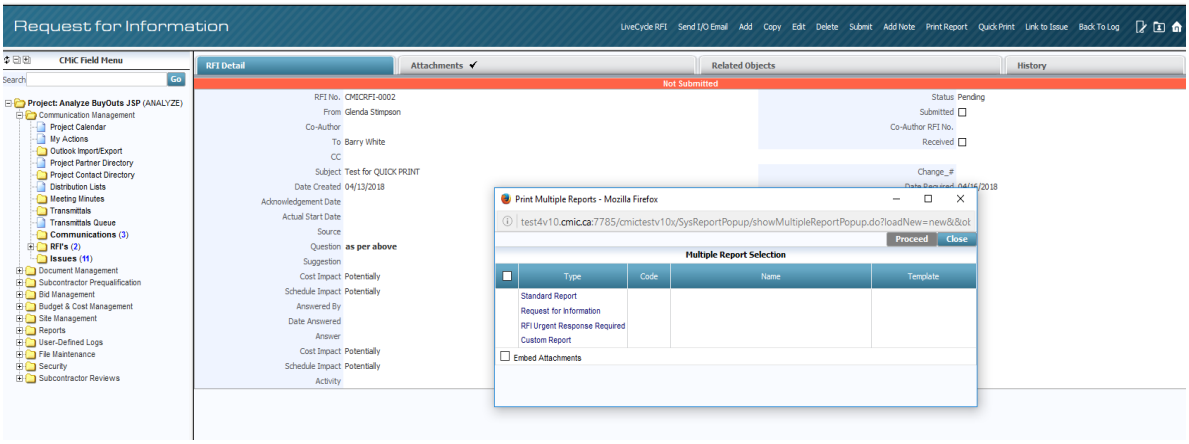
This new option is also controlled by the PM Systems Option setting: “Multiple Report Printing”:



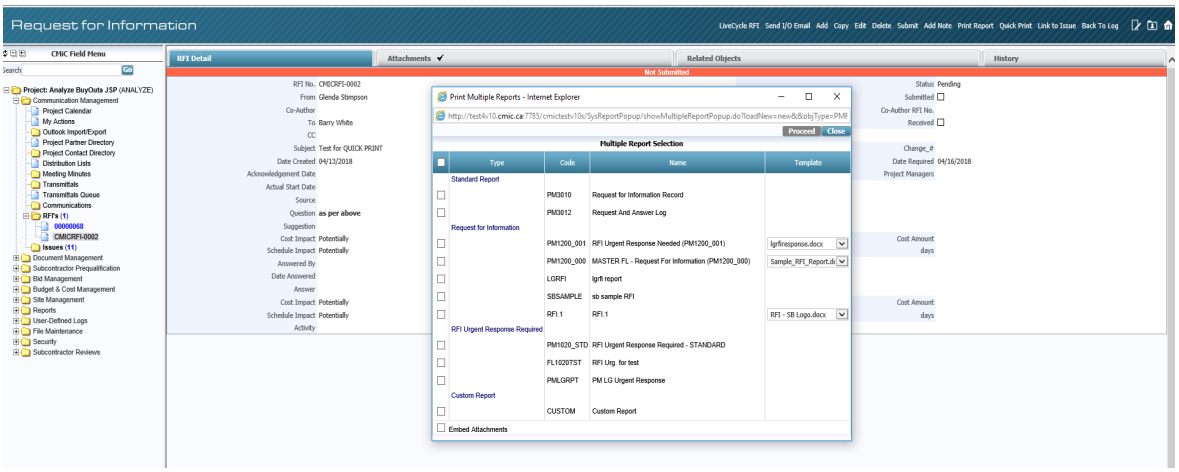
Click the link **(2) Print Multiple Reports** to get the following display:



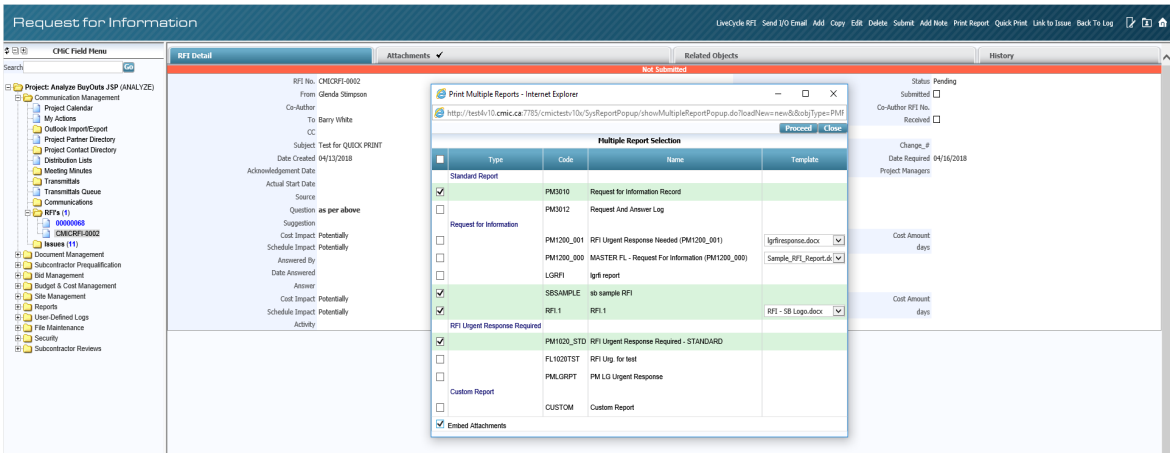
Click each link to toggle between expanding and collapsing the list of underlying reports. This list includes standard reports, form letters, MIP reports and custom reports:



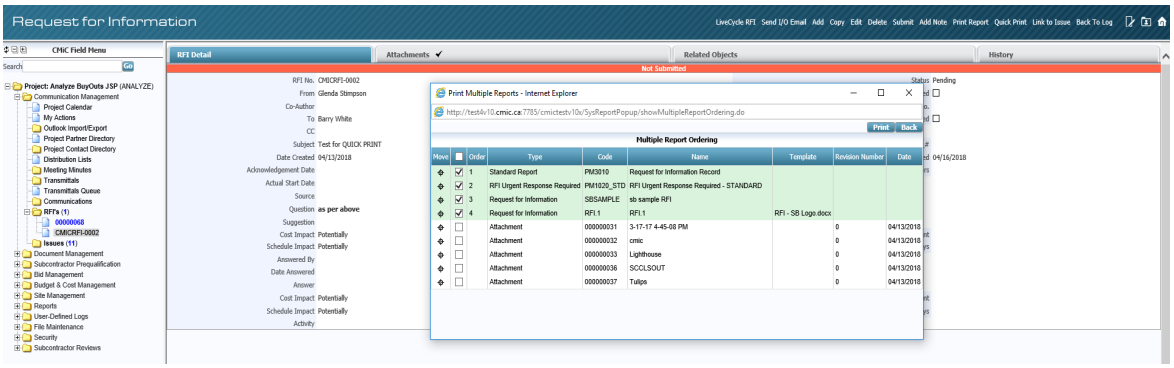
Also check the “Embed Attachments” checkbox, to include selection of any attachments that are on the record:



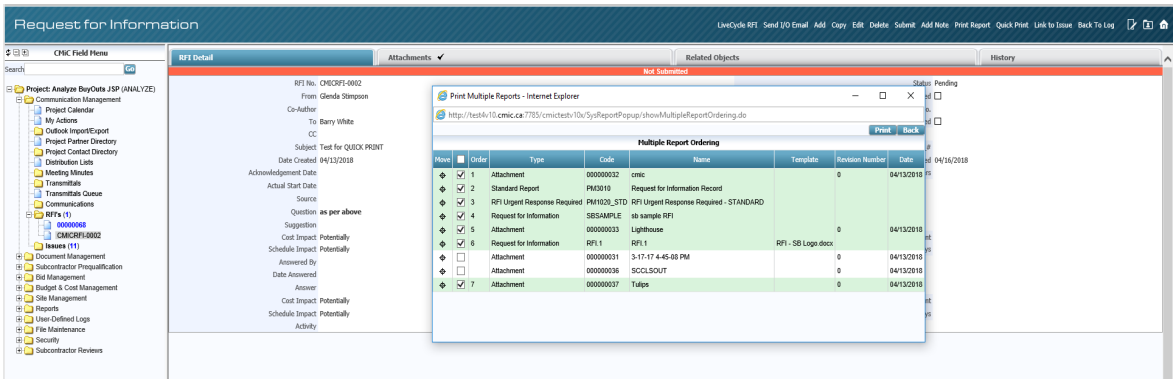
Selected reports are highlighted:



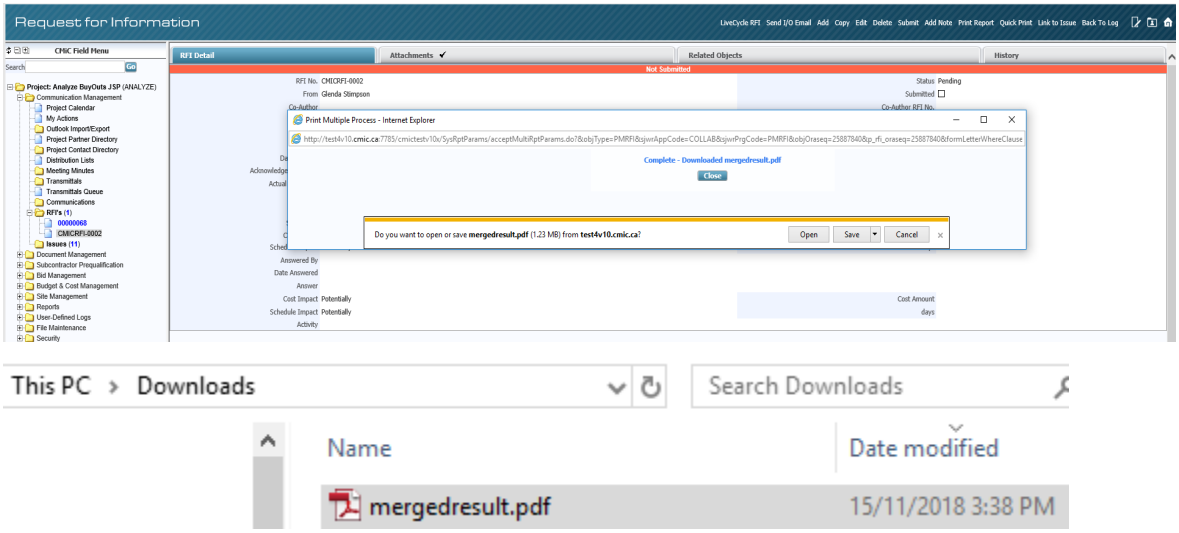
Click [Proceed] to continue to the next screen, which displays the selected reports and the list of attachments on the record.



Select the attachments to be included. Reorder the reports and attachments if needed. Click [Print]:



RESULT: A merged PDF that can be viewed right away or saved (eg. in the Downloads folder):



CMiC Search – Meeting Minutes (18.55612)

Changes have been made to add Notes/Minutes column to show link for Notes/Minutes associated with Meeting Minutes and make the search in the drop-down on the search page **case insensitive**.

Field Security for Approval tab – PCI, SC (18.64929)

Added field security for Review/Approval Tab for Subcontract and PCI Entry. Users with field security set for these objects will have access regardless of whether they have access to Workflow.

PSPDF Viewer Enhancements (18.50703)

The following enhancements have been made to the PSPDF Viewer:

1) upgraded to PSPDF version 2018.7.1.

2) Zoom In and Zoom Out using shortcut keys Shift + Mouse scroll.

3) enabled PANNING using shortcut key: when user presses the Space Bar panning will be enabled and when the user releases the Space Bar panning will be disabled.

4) when user creates an annotation and wants to link it with CMiC objects, the LOV from which user can select objects will show only RFI, Issue and Documents.

5) added a button on the toolbar to Download the PDF.

6) if there are multiple revisions of a drawing, when the user is on the latest revision the toolbar will show buttons to create annotations, Hide, Publish, Save, Link and Download, and if the user is on old revisions then the toolbar is hidden.

   In a later release this toolbar will be shown even on old revisions but will hide buttons for creating annotations, Hide, Link, Publish and Save.

7) when the user is on old revisions the "Not Current" watermark is displayed on the page. The watermark is not shown on the latest revision.

Creating PCI from Issue - Enhancements (18.64786)

CMiC has made an enhancement to the “Create PCI” feature in the Issues program. When the user selects "Create PCI" from the Issue record, the following fields are passed:

To - (Business Partner) – to the PCI Detail Vendor field

Subject – to the PCI Detail Description field

In addition, in the case where there is only one posted subcontract for the vendor, the subcontract is being defaulted. This will also allow a single phase/category and bill code to be populated automatically.

Cost and Budget Status Queries Additional Columns Added (18.67592)

Three additional columns are available in the Cost Status Query.

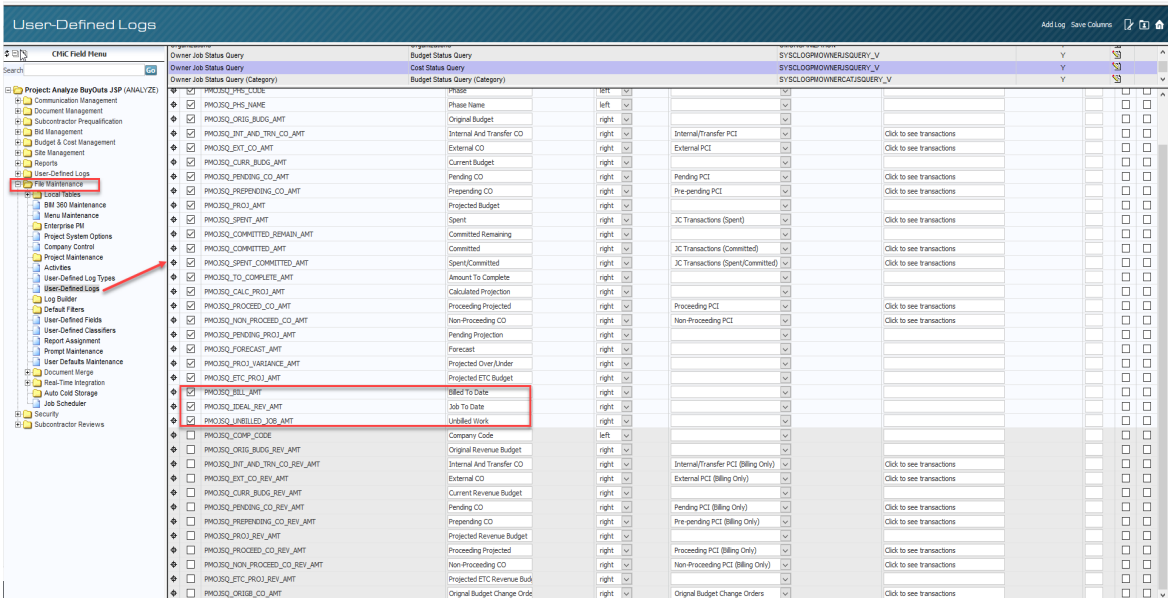
The names for the columns are as follows:

1. PMOJSQ_BILL_AMT (Billed to Date)

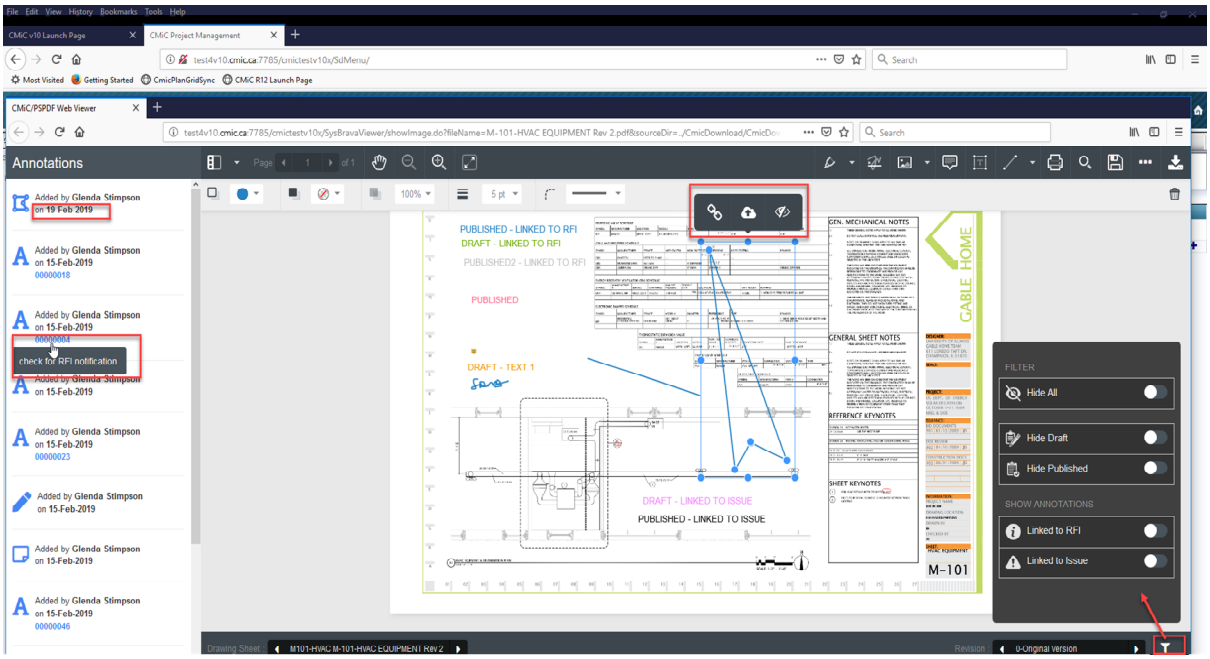
2. PMOJSQ_IDEAL_REV_AMT (Job to Date)

3. PMOJSQ_UNBILLED_JOB_AMT (calculated as 2 minus 1)

The columns are not initially visible in the Cost Status Query Log, but will need to be added by the user, by first going to File Maintenance > User Defined Logs > Cost Status Query and selecting them for inclusion in the Cost Status Query Log.



Enhancements to PSPDF Viewer (18.50703)



Modifications/enhancements made to the PSPDF Viewer for Drawing Management:

Filter functionality in PSPDF Web Viewer.

In annotation menu (side bar), we are now showing the object description near mouse hover as previously it was shown at fixed position (bottom left).

3) Displaying annotation Created Date in new line in annotation menu.

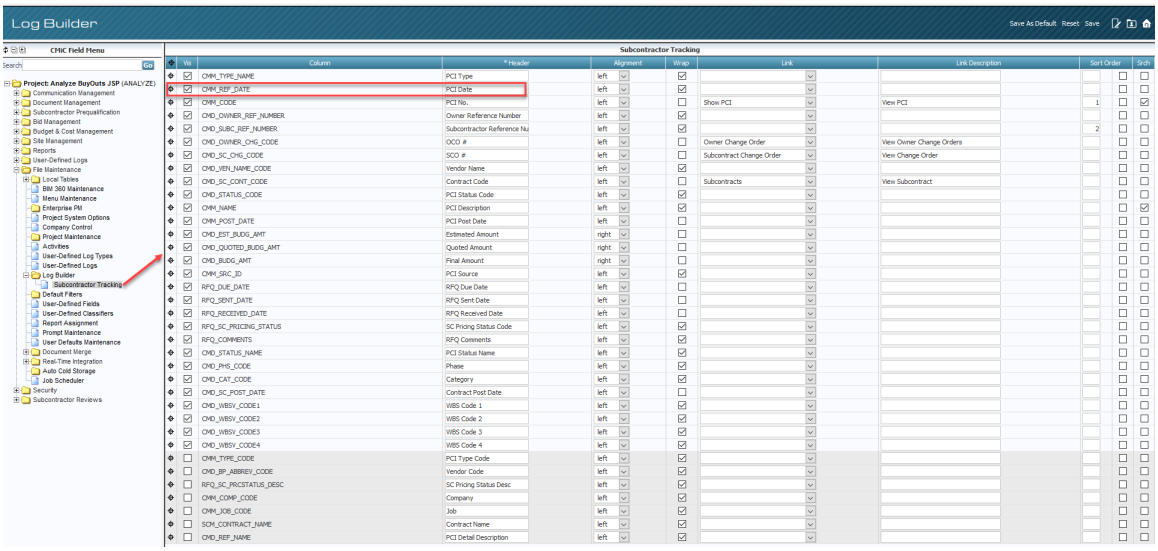
4) Updated PSPDF version 2019.1.0.

5) In PSPDF Web - when a "non-drawing" document is opened, we allow the user to save a new revision via the save icon in the toolbar.

6) Removed Link, Publish and Hide Annotation buttons from toolbar, rather showing as tooltip when annotation is clicked. The tooltip would contain Link button, Hide and Publish (Hide and Publish on the basis of security flags) along with all objects linked to that annotation.

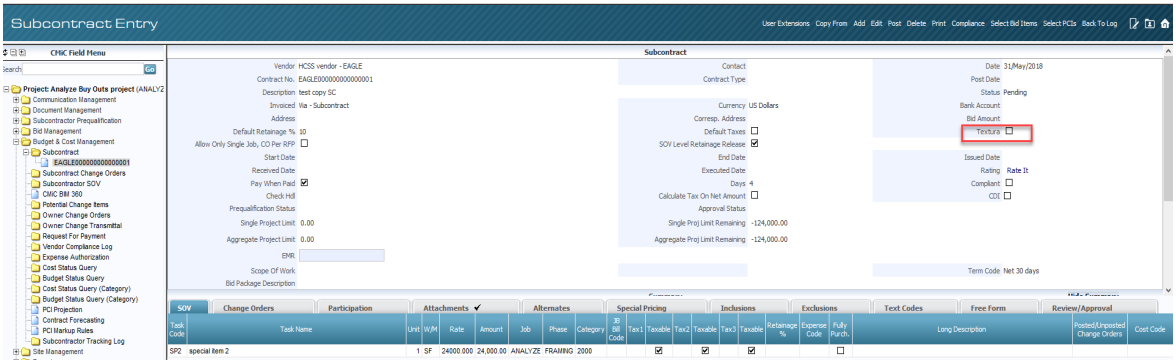
7) Showing Publish button as disabled if annotation is already published, and clickable if it is not published.

Subcontracts Tracking Log – PCI Create Date Added (19.69330)

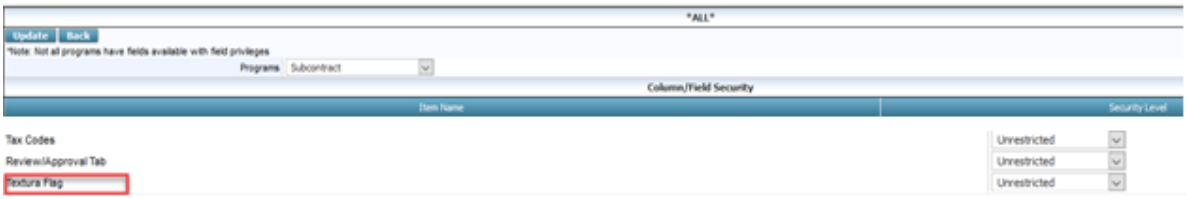


SC Tracking Log - enhancements made to include the PCI Create Date - CMM_REF_DATE.

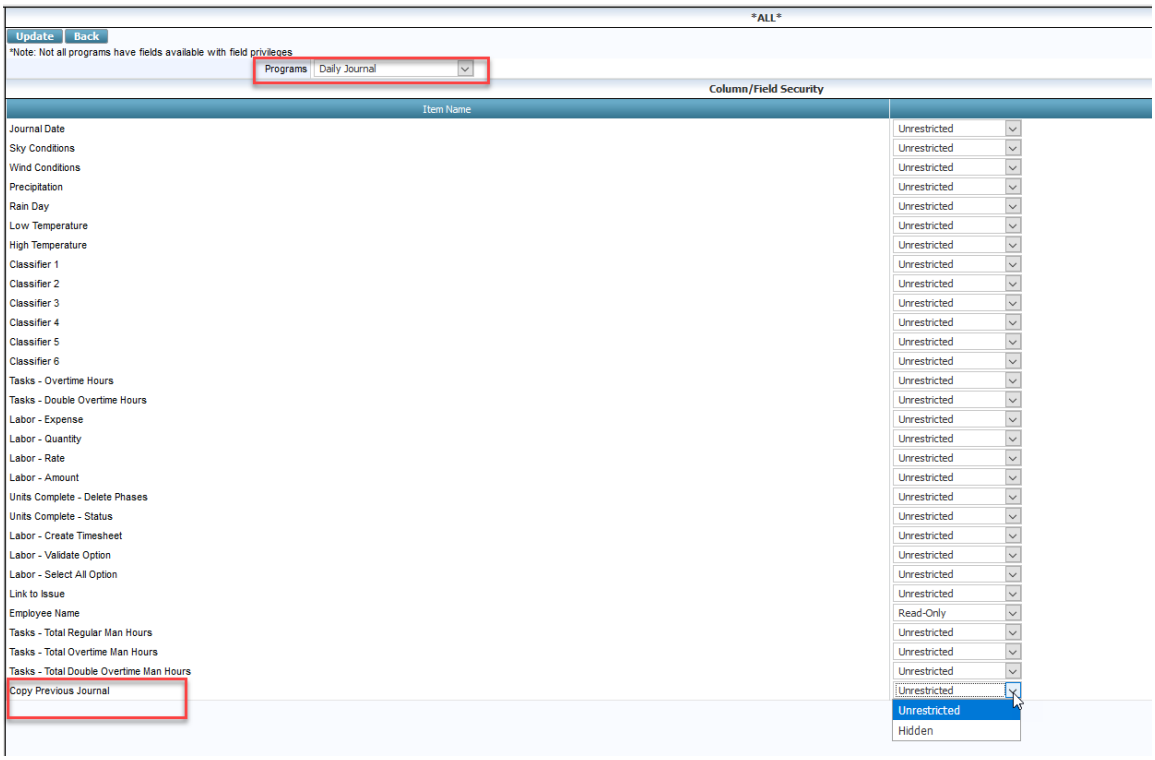
Field Security for Textura Flag in Subcontracts (19.69234)



Added field security for Textura Flag for the Subcontract Entry screen. Possible settings are: Unrestricted/Read Only/Hidden. By default, the field security is set as Unrestricted on the *ALL* role.



Field Security for [Copy Previous Journal] (19.70304)

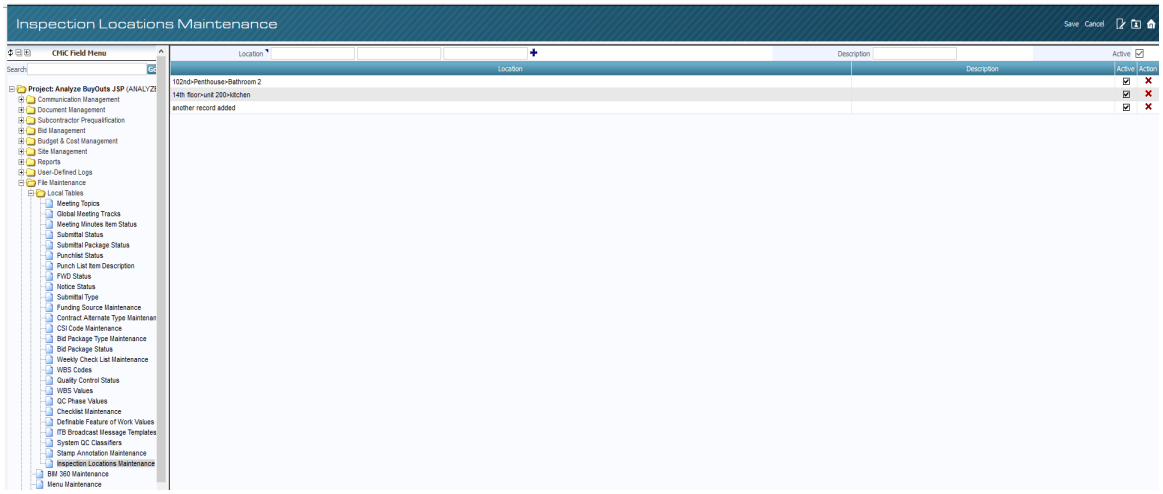


Added field security for the Copy Previous Journal button with HIDDEN and UNRESTRICTED options.

Project System Options – Populate Bill Code for Unit Price Contracts (18.65771)

Project System Options - Added flag "Populate Bill Code for "Unit Price Contract" Job on PCI Detail records" to allow for bill codes to be automatically populated for a job that is flagged as a 'Unit Priced Contract'. If this flag is checked then "Unit Price Contract" flag on JOB setup screen will be ignored and Billing code will be defaulted.

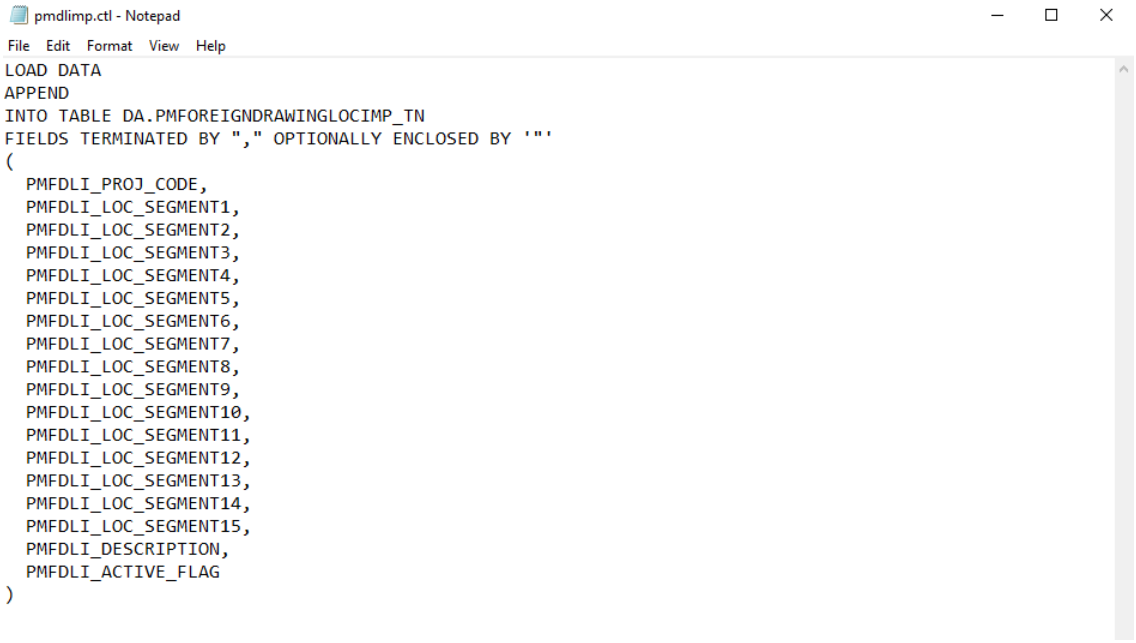
Inspection Location Maintenance (Drawing Management) (19.72265)



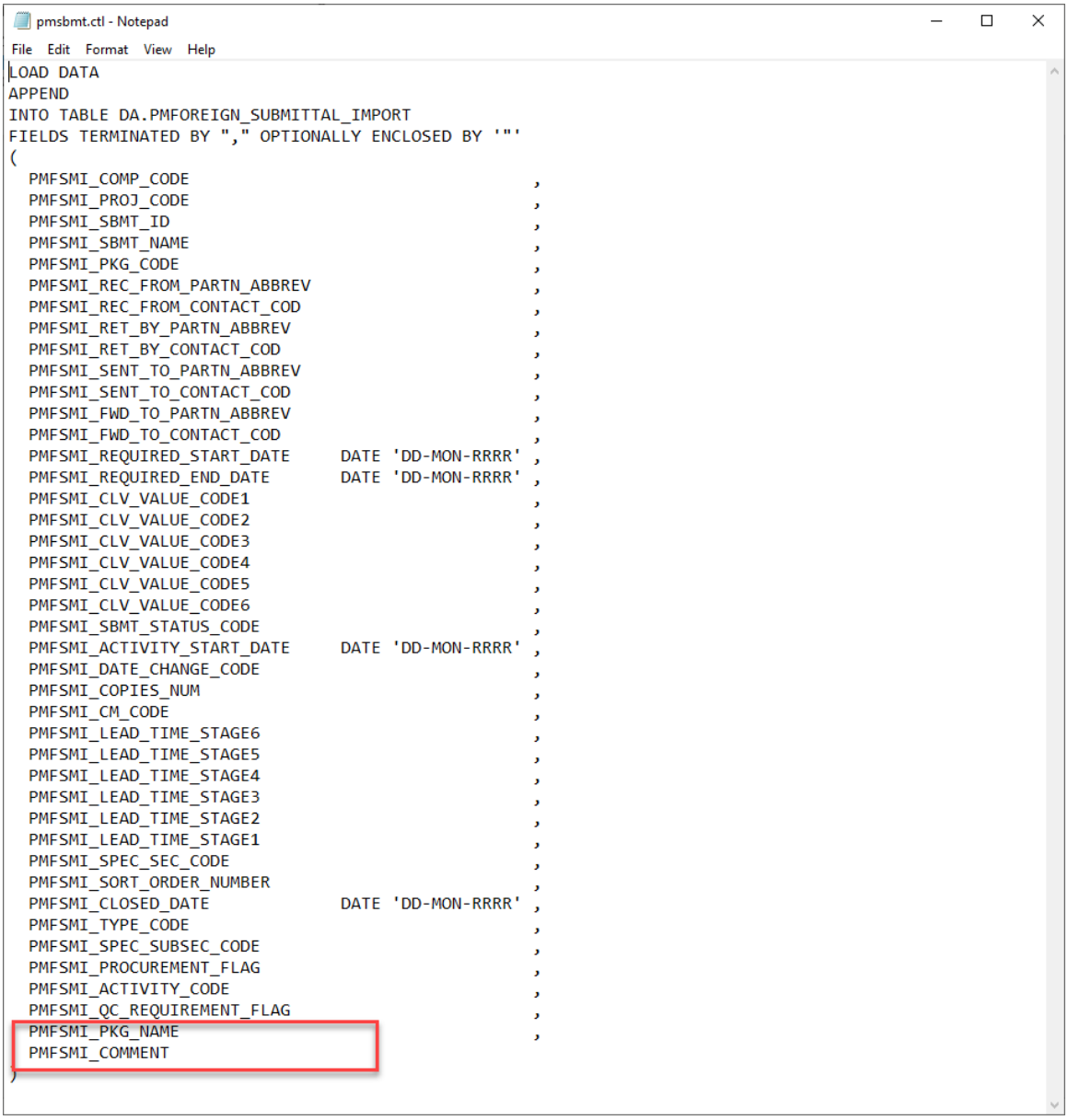
Implemented mapping of Drawing Location to the Drawing Sheets. This is done from the Inspection Location Maintenance screen in the File Maintenance section of the PM JSP tree-view. Locations can be added directly or imported from a csv/txt file. An example is: North Tower>11>1101 to represent Building>Floor>Room; and are shown as **segments** in the maintenance screen and import file.

- Click on an existing record to select it for Editing.
- Description can be null. By design, the segments are not aligned, so that it is easier to read vertically/horizontally, especially if there are a large number of them.
- The Import file is limited to 15 Location segments.
- Clicking the [Map Location] is a separate function and **does not** require first selecting a location record.
- Field security can be applied to the [Map Location] button.

Layout of Locations Import Control File:



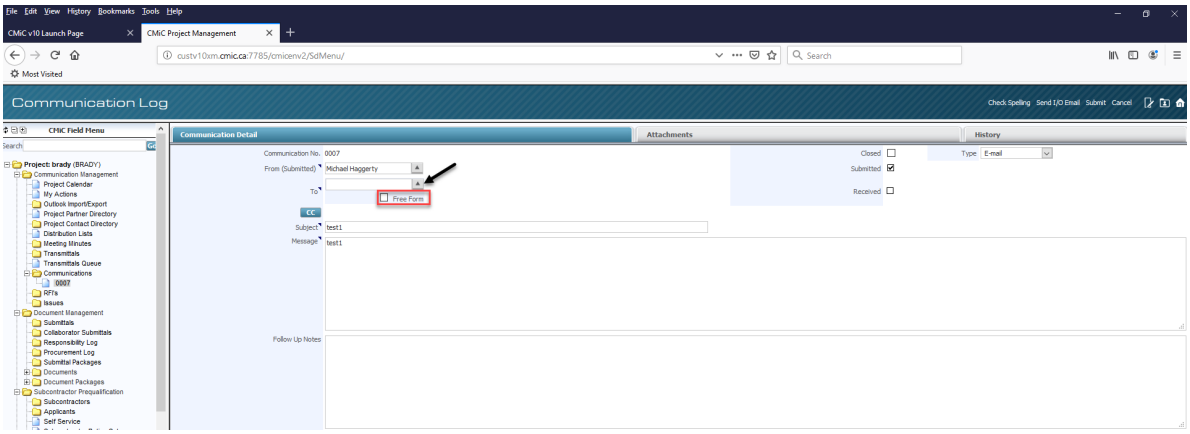
Submittal Import – Comment and Package Name added (19.73047)



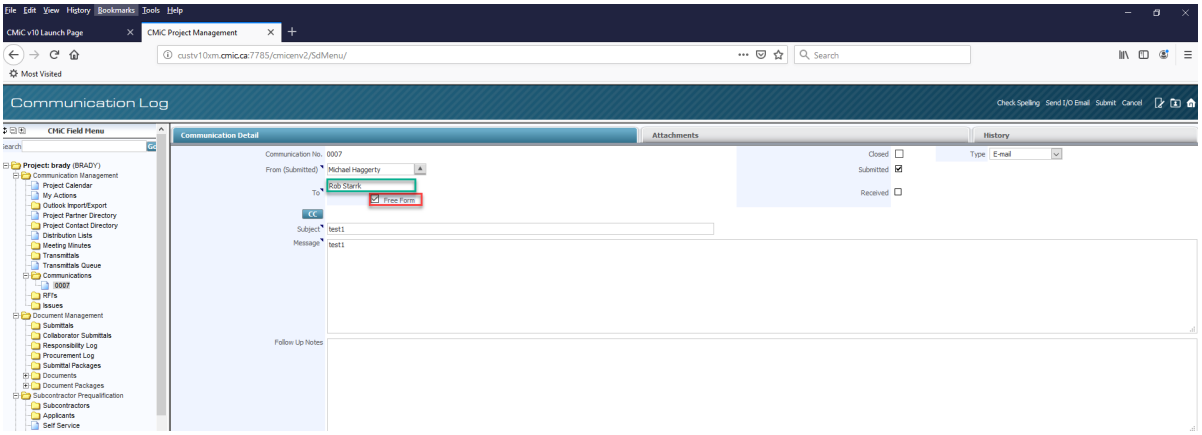
Modified the Submittal Import to accommodate Submittal Package Name and Submittal Comment. The layout for the Submittal Import Control File is shown above.

Communications – Free Form Checkbox (19.75545)

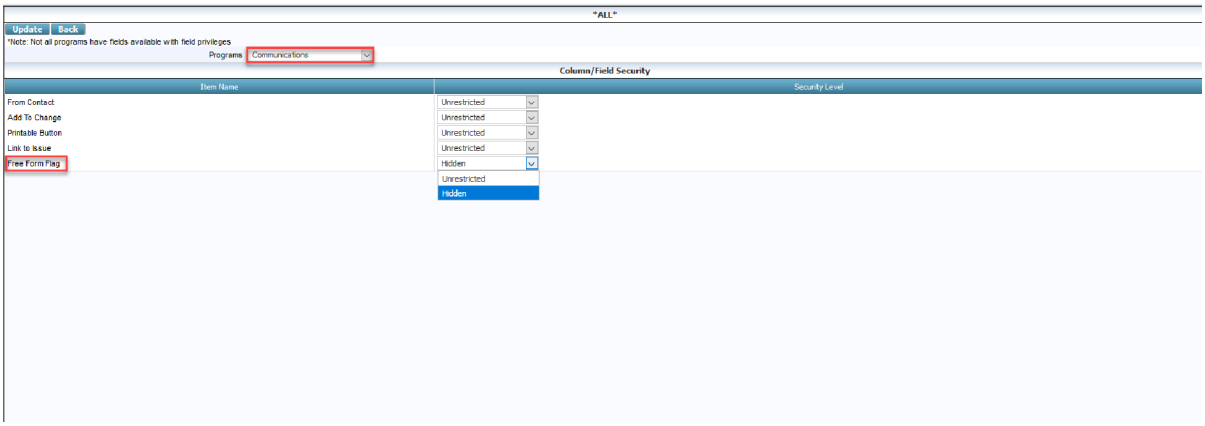
Added Free Form checkbox next to [To] Field in Communications. When the Free-Form box is checked, the Contact LOV gets replaced with the plain text entry field (user can enter any name in [To] field).



The Free-Form checkbox is visible in [Edit Mode].

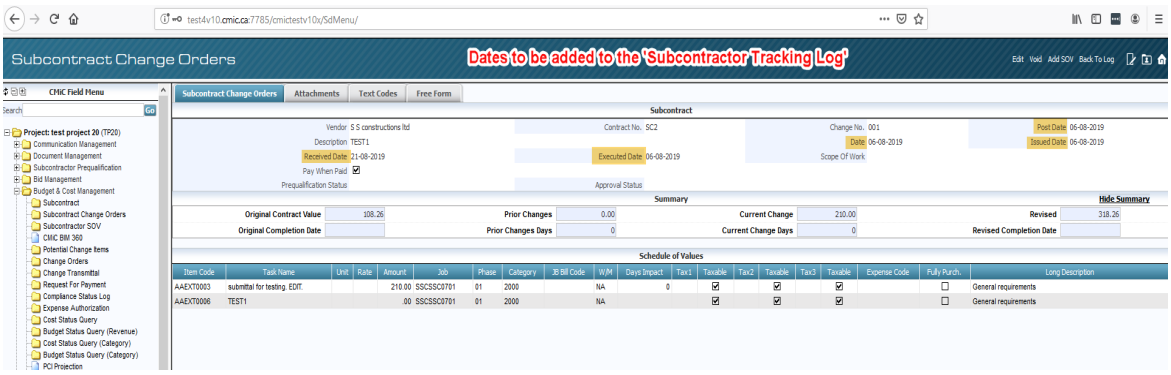


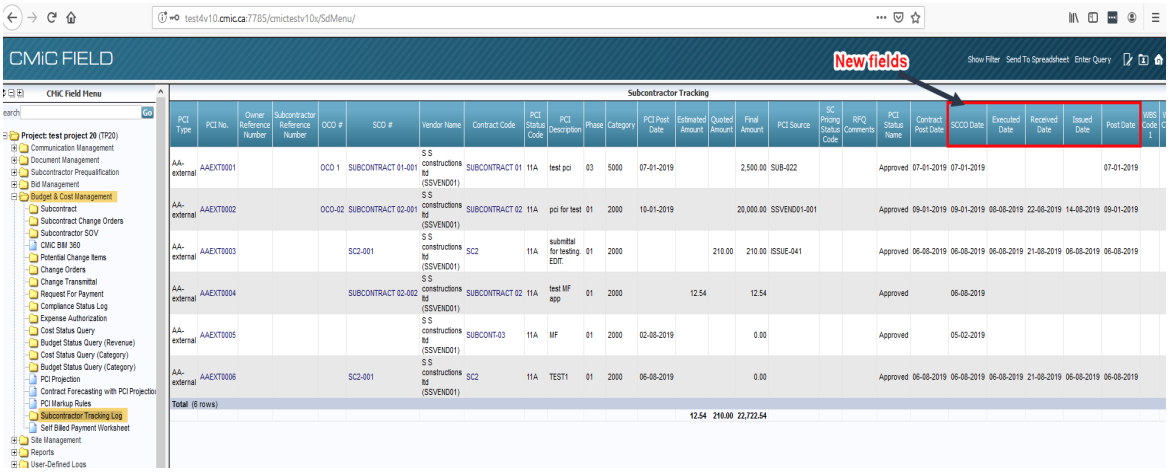
Added Field Security for Free-Form Check Box with options – Hidden (default on the *ALL* role) and Unrestricted.



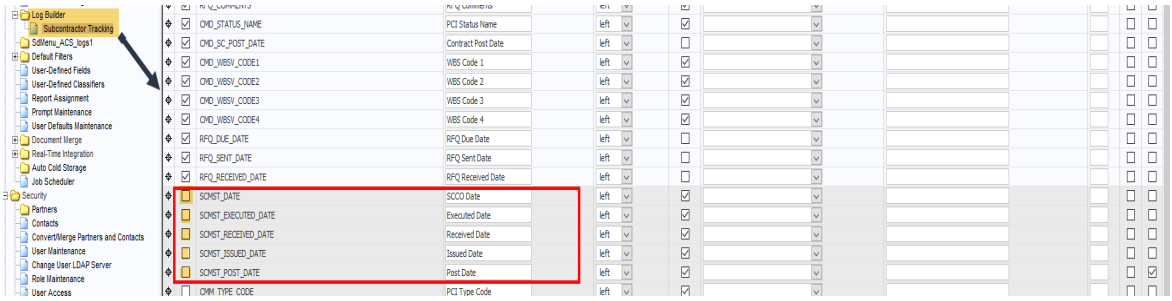
Subcontractor Tracking Log – SC Change Order Dates added as new columns to the Log (19.80992)

Added the following subcontract change order dates (Received Date, Executed Date, SCCO Date, Post Date and Issued Date) as new columns to the Subcontractor Tracking Log. These new fields are hidden (by default).





The Hidden fields can be made visible by checking the 'Visible' checkbox for the required fields in the Log Builder > Subcontractor Tracking screen.

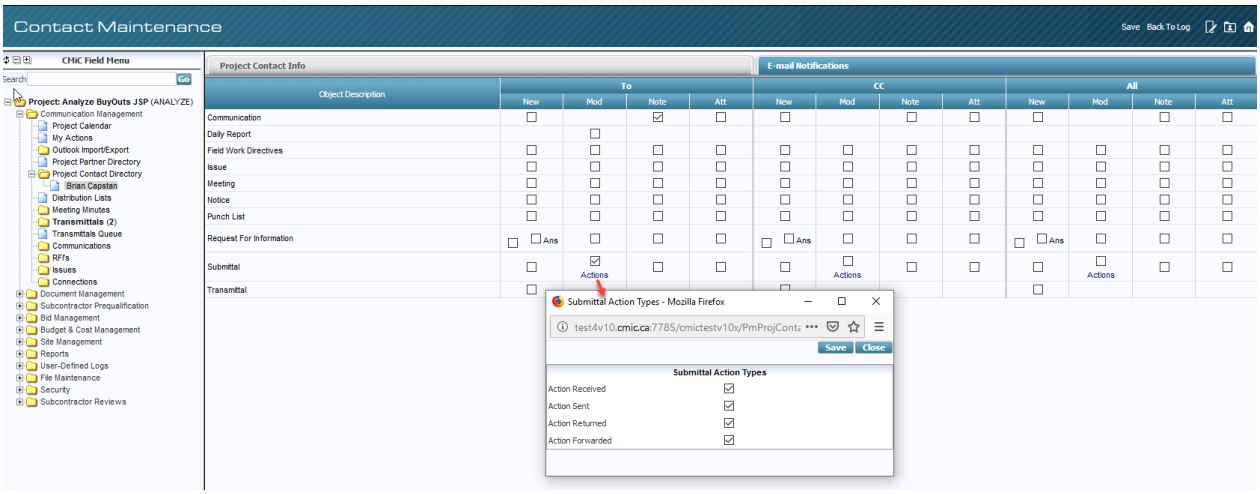


PSPDF Viewer – Modifications for Annotations (18.50703)

The following modifications have been made to the PSPDF Viewer as it relates to Annotations:

1. When the user **created, published, linked or saved** an annotation there was a popup shown to the user which would allow page refresh. Now, we have removed the popup displayed in between and are directly refreshing the page after each operation.
2. If the PDF file is opened from the Related Objects tab, we are automatically zooming the annotation.
3. After Saving/Linking/Publishing, we are now Zooming into the annotation after refreshing.

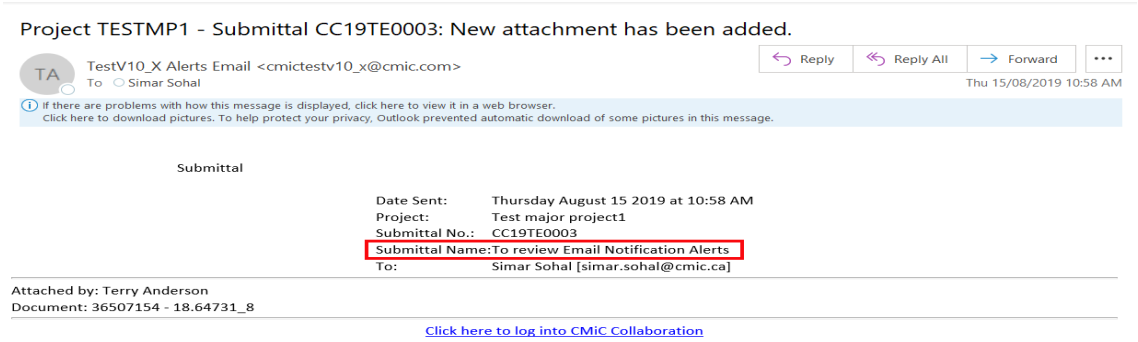
Email Notifications for Submittal Actions (19.74051)



CMiC has enhanced the email notifications functionality to incorporate alerts for Received, Sent, Returned and the Forwarded submittal actions **where applicable.**

In the Contact record – Email Notifications tab, users can now complete setup for Submittals so that email notifications can be sent to the contact, under the right circumstances (security, TO/CC etc.), when the various submittal actions are carried out, when the submittal is modified.

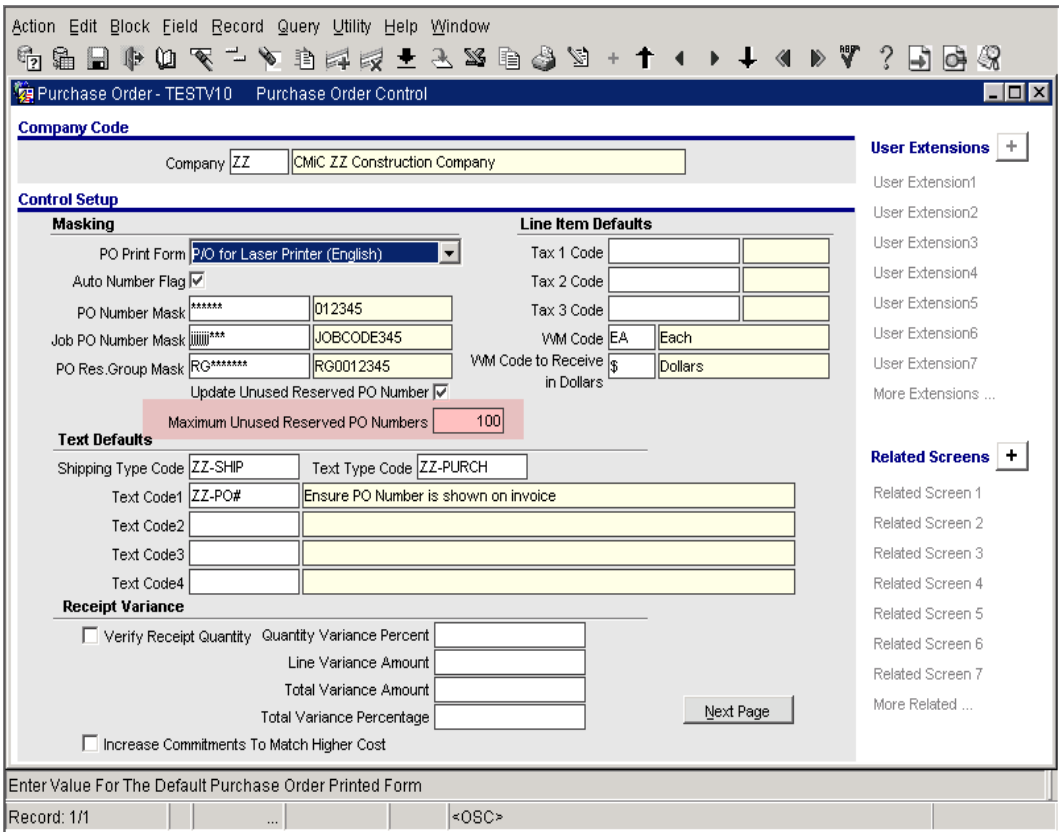
Submittal – Email Notification Enhancement (19.74466)



CMiC has added a new field "Submittal Name" below the Submittal # in Notification Email body, to make it easy for the users to identify which submittal they are being notified about.

Purchase Order

Maximum Reserve PO Number Limit in PO Control (10.49508)



Maximum Unused Reserved PO Numbers

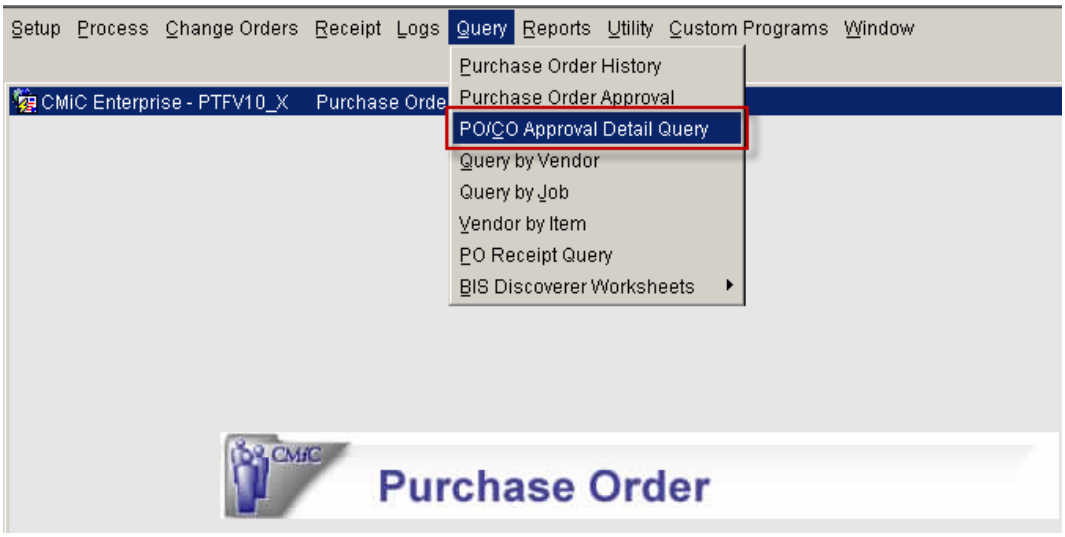
The default value of 100 unused PO Numbers for a reserve group is editable based on needs. This limits how many unused PO numbers may exist for a given Reserve Group.

PO/CO Approval Detail Query (11.54559)

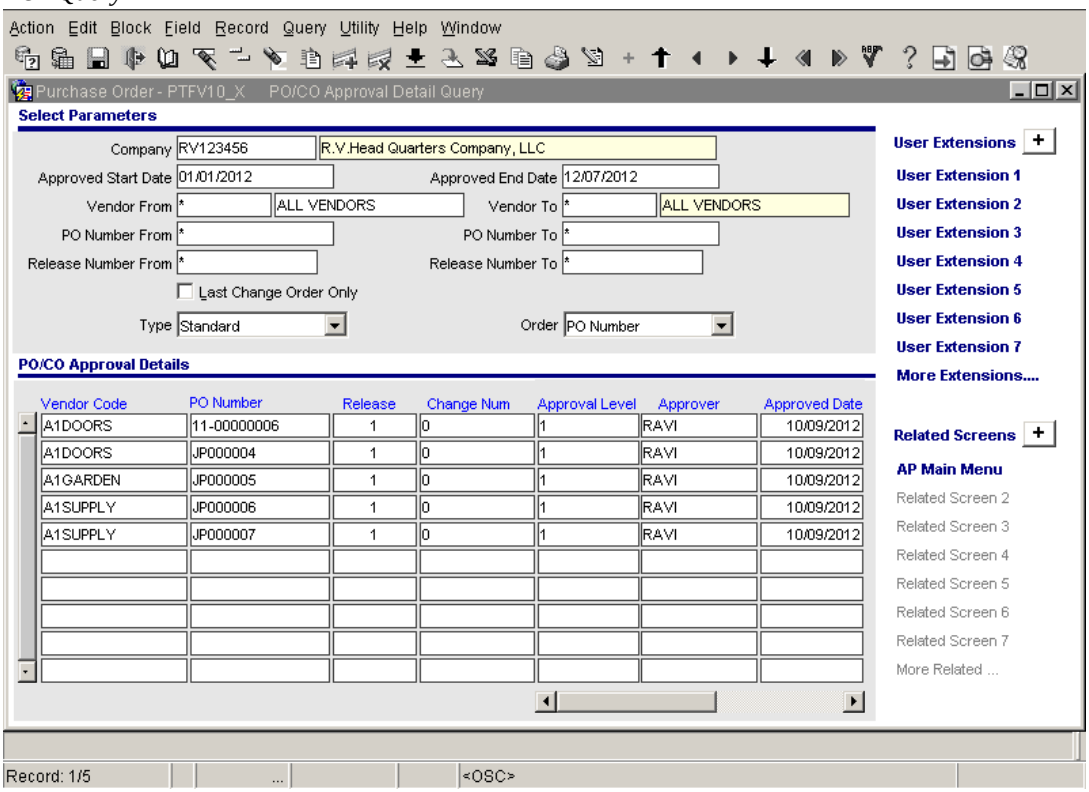
A query form 'PO/CO Approval Detail Query', to display the details of approved purchase/change orders is added to the PO application

Modifications

The 'PO/CO Approval Detail Query' may be added under custom programs menu in PO application.
The modifications are custom for Milton at 2006 version and will be a standard program in future versions of the software.



PO>Query



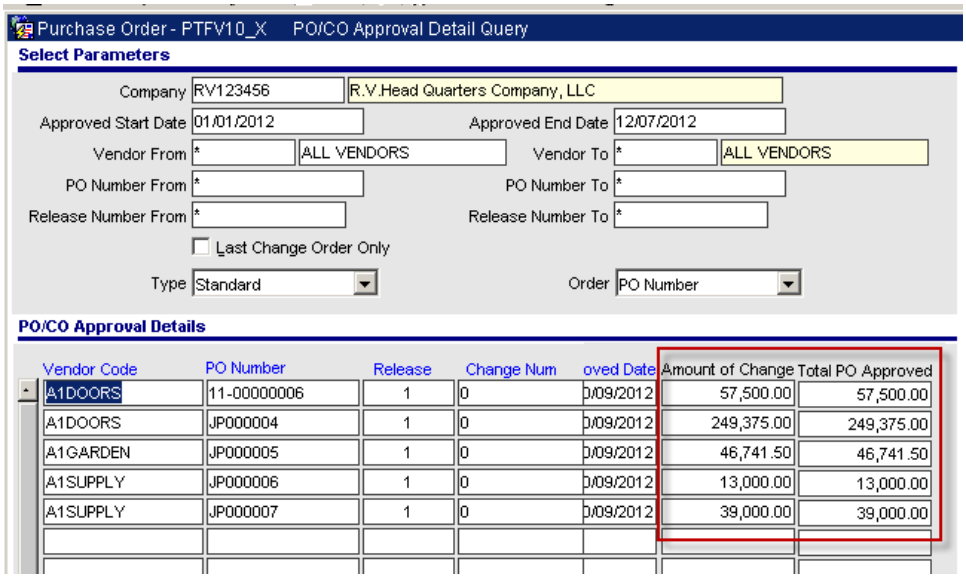
PO>Query> pocoaprvqry.fmx

Query Parameters

Company Code: Defaulted from User Default logon company setup or enter or select a valid company code from the list

Approved Start Date:	Start date of the GL Year defaulted, may be overridden, if needed
Approved End Date:	System date defaulted, may be overridden, if needed
Vendor From:	Select the Starting Vendor from the list or leave as '*' to include all

Vendor To:	Select the Ending Vendor from the list or leave as '*' to include all
PO Number From:	Select the starting PO Number or leave as '*' to include all
PO Number To:	Select the Ending PO Number or leave as '*' to include all
Release Number From:	Select the starting Release Number or leave as '*' to include all
Release Number To:	Select the ending Release Number or leave as '*' to include all
[Last Change Only]:	Check, if the query needs to display only the lines for latest change orders
Type:	Select the Purchase Order Type (Standard, Blanket or Both) from the available list. Default is 'Standard'.
Sort order:	Select the sort order of the query records as PO Number, Vendor or Approver. The default is 'PO Number'



PO/CO Approval Details

The scrollable section of the details shows two more additional columns 'Amount of Change' and 'Total PO Approved'

The form displays only approved po/co detail lines. For example, if there is a Purchase order with 3 levels of approvers and only one has approved, then only one line will be displayed. If all three approvers have already approved, then the form would display 3 lines for the same po/co.

The 'Amount of change' column displays the amounts as given below.

1. Original Purchase order with change number '0': Displays the cumulative sum of purchase order and all the change order amounts.
2. Change Orders with change numbers '1,2,…': Displays the amounts applicable to the specific change order only

The 'Total PO Approved' column displays the cumulative total of the purchase order and all the change orders. Note that the 'Amount of Change' reflects the amount specific to the change order only and the Total column displays the total amount including the original PO and all the change orders to date.

Blanket Purchase Orders and Release Numbers

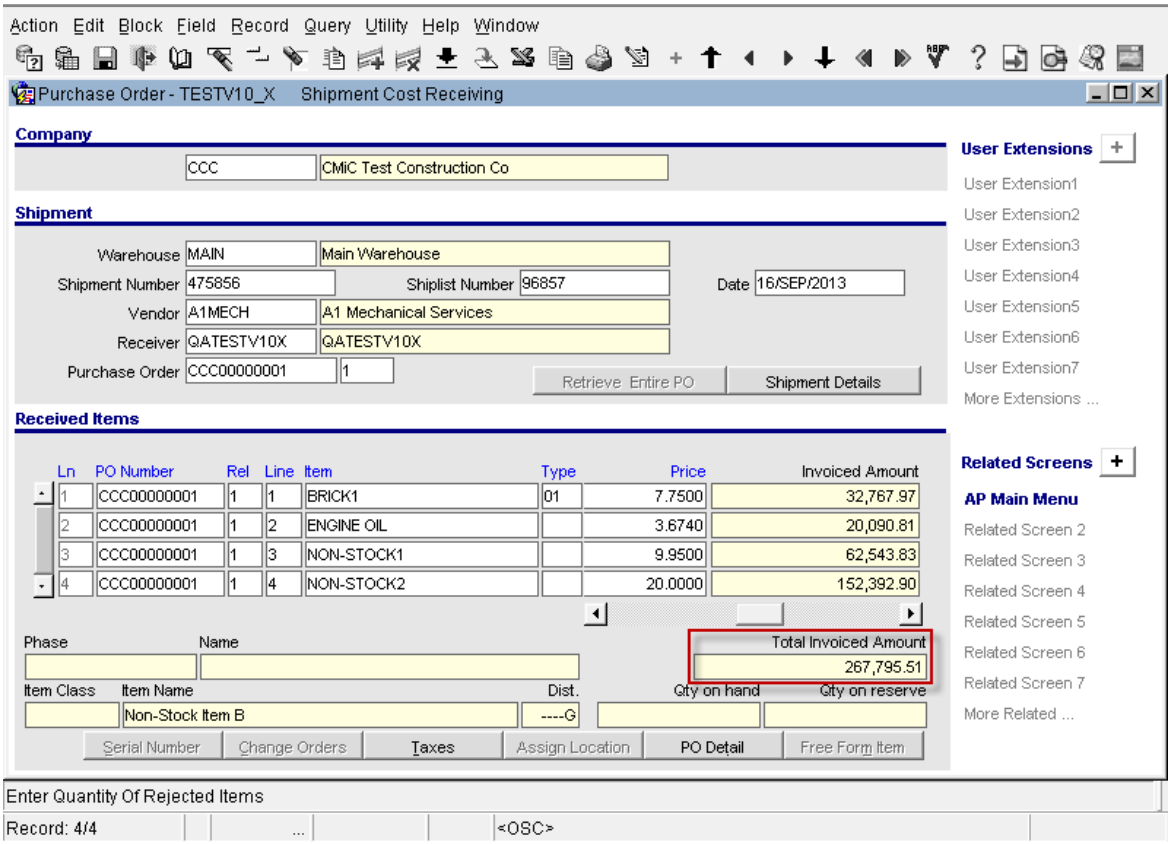
The Blanket Purchase Order details may have release numbers as well.

The Amount of change column displays the amounts as follows:

- For Release 1 Change 0: Sum of original PO & Change Order amounts specific to the release number only.
- For Release 1 Change 1 : Amount Specific to this change Order Only

The Total PO Approved column displays the cumulative amount of all the releases and changes

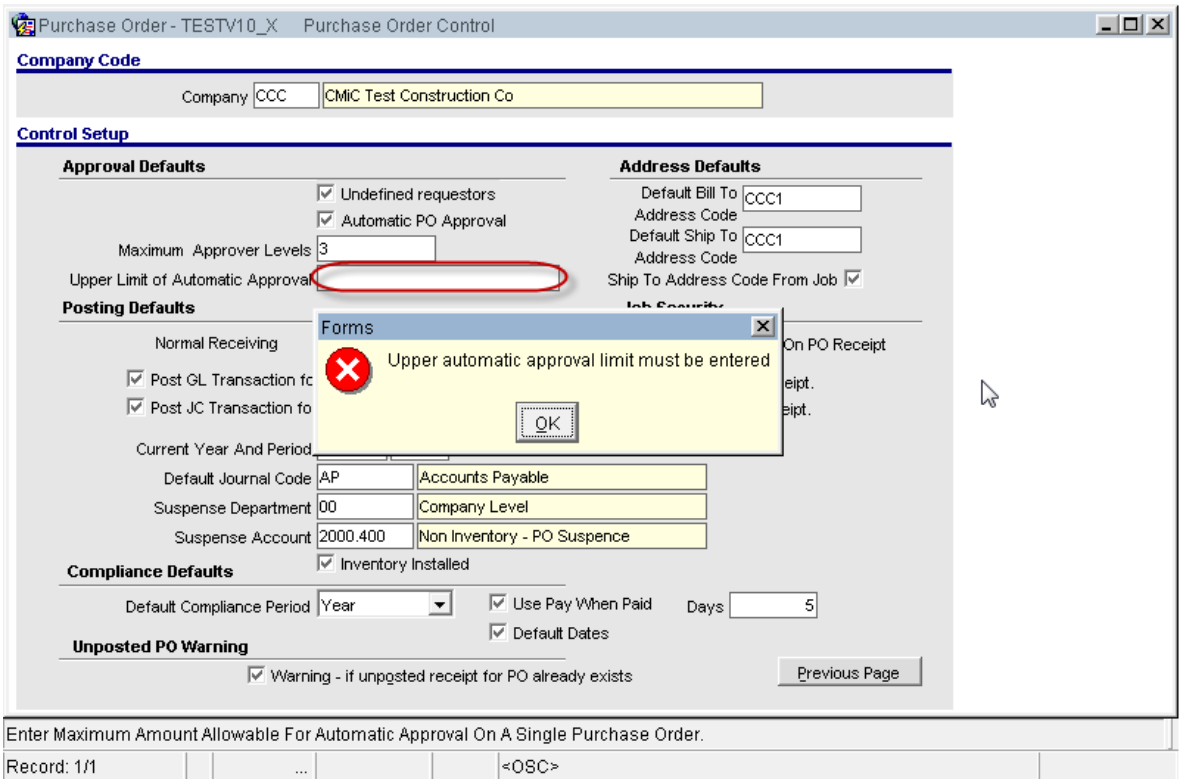
PO Cost Receiving Entry - Total Invoice Amount field (12.75181)



Modifications:

The PO Cost Receiving Form is modified with a display field 'Total Invoiced Amount', to display the sum of the invoiced amount column.

PO Control Form - Upper Limit of Automatic Approval (13.80740)

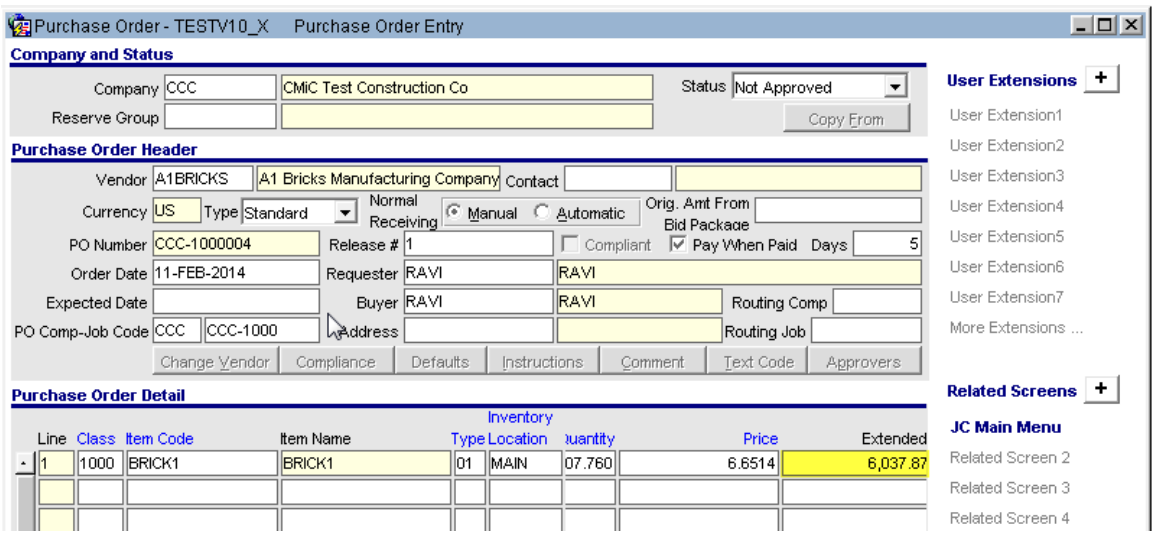


The 'Upper Limit of Automatic Approval' field may NOT be left as null when the 'Automatic PO Approval' is set as 'Y'. The validation which was not performed for newly created PO Control files and in some specific navigation scenarios is fixed now.

PO Entry/Receipt Forms modifications (13.85252)

The following entry forms are modified to address rounding issues. The 'Extended Amount' fields in the forms allow user entry of values now. When the extended amount is entered, the item price will be recalculated and stored in the database without rounding off.

1. Blanket PO Entry
2. PO Entry
3. Change Order Entry
4. Cost Receipt Entry



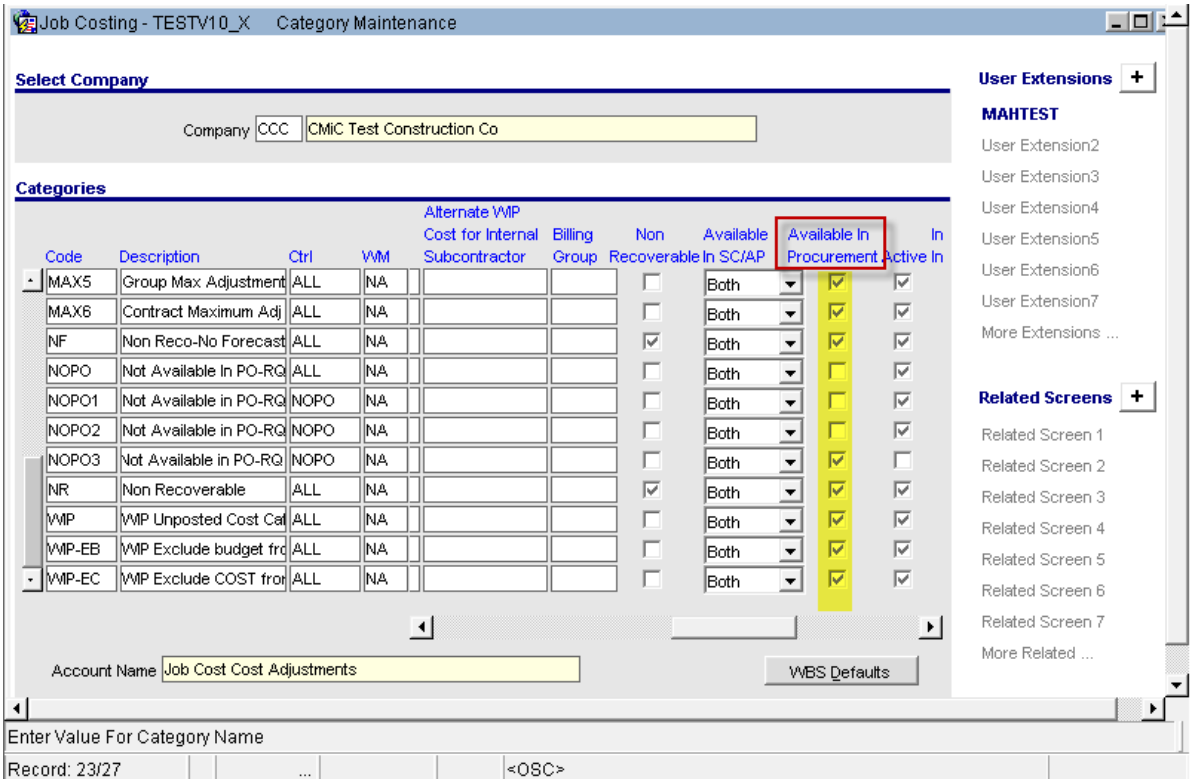
Restricted Categories in Requisition/PO modules (15.04433)

Functionality to allow specific categories in procurement applications such as requisition and purchase order.

Modifications:

The Job Cost Category Maintenance program is modified to add a new flag "Available in Procurement". The Default Value for this flag is set to "Y". Any Category that has this flag checked, will be available to use in Requisition, Purchase Order and Change Order Entry screens for "J" Lines.

Category Maintenance:

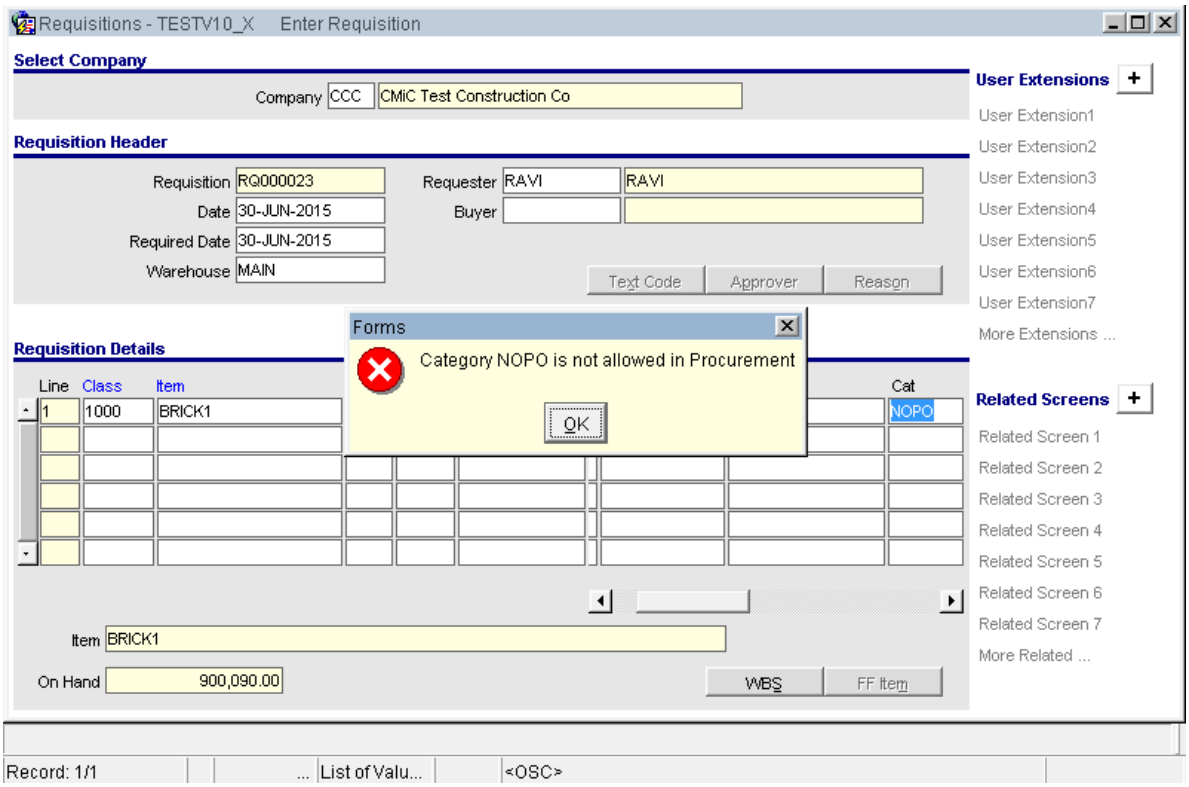


Job Costing>Jccatfm>Available In Procurement

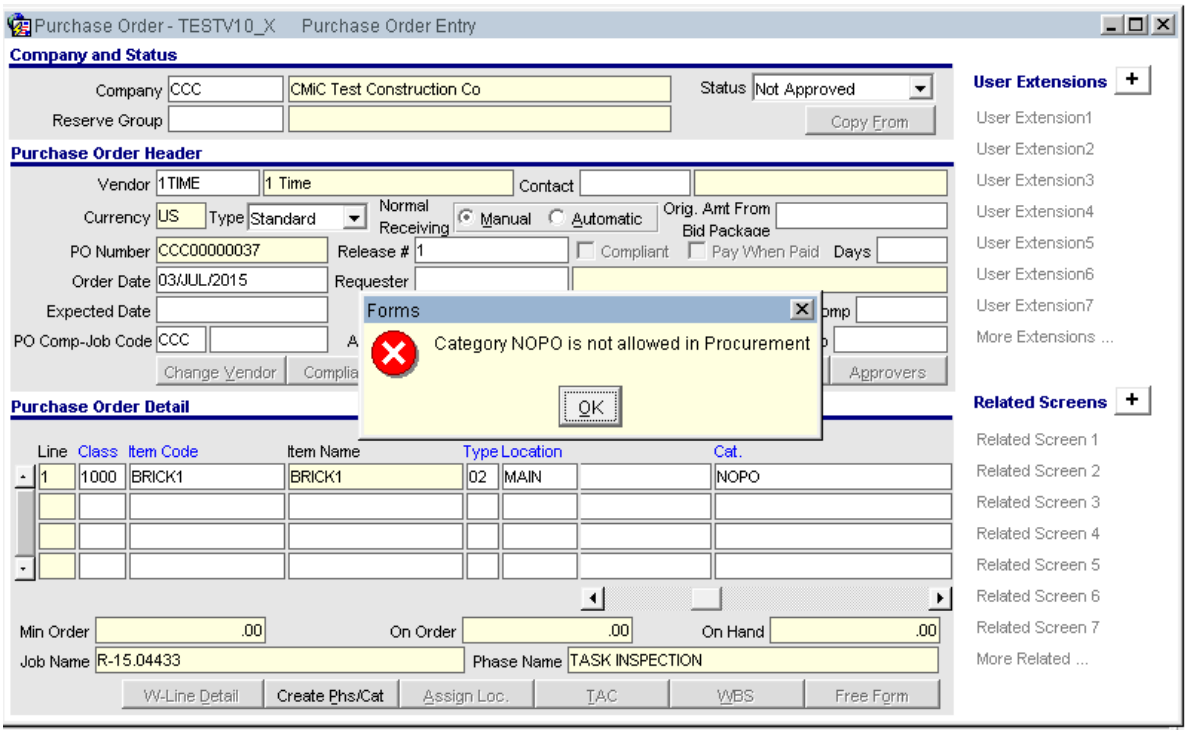
The Category Maintenance is modified with a check box column ‘Available in Procurement’. The default value is checked (Y). This value is defaulted into ‘Job Assign Phases screen’ when assigning phase/categories.

When un-checked, these categories will NOT be available in PO/CO Entry programs for ‘J’ line transactions.

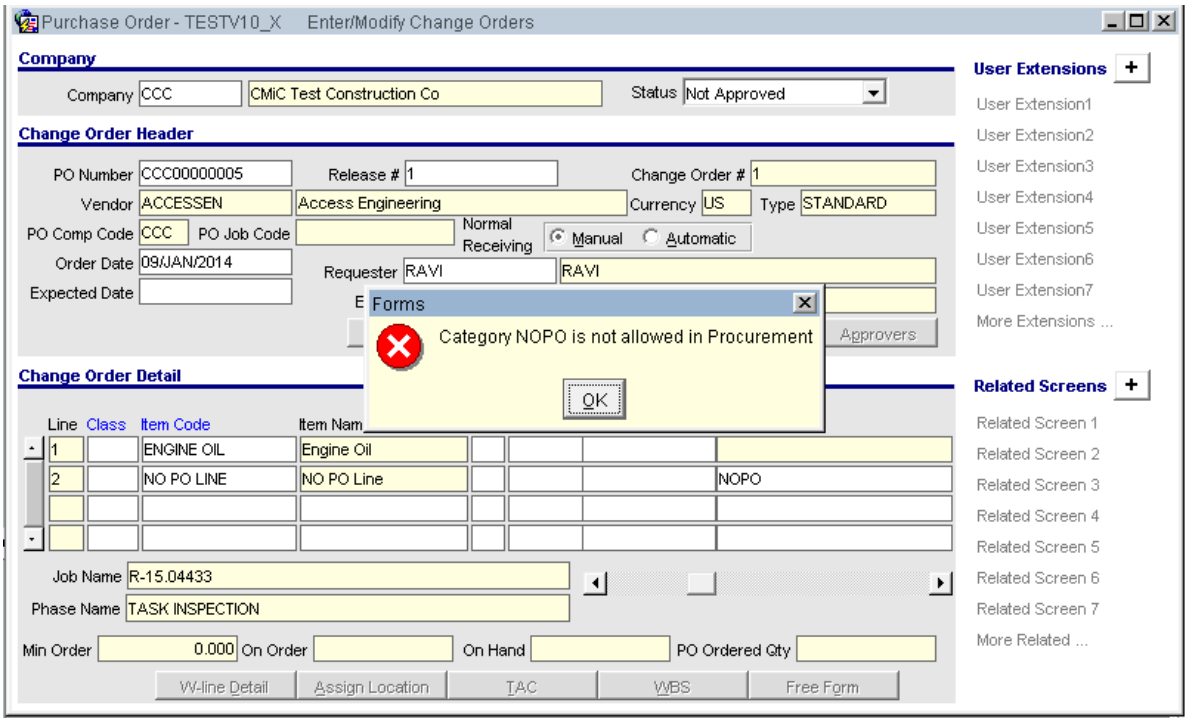
If users try to manually enter a category that is not allowed in Procurement, information message will be displayed as shown below



Category not Allowed in Requisition entry.

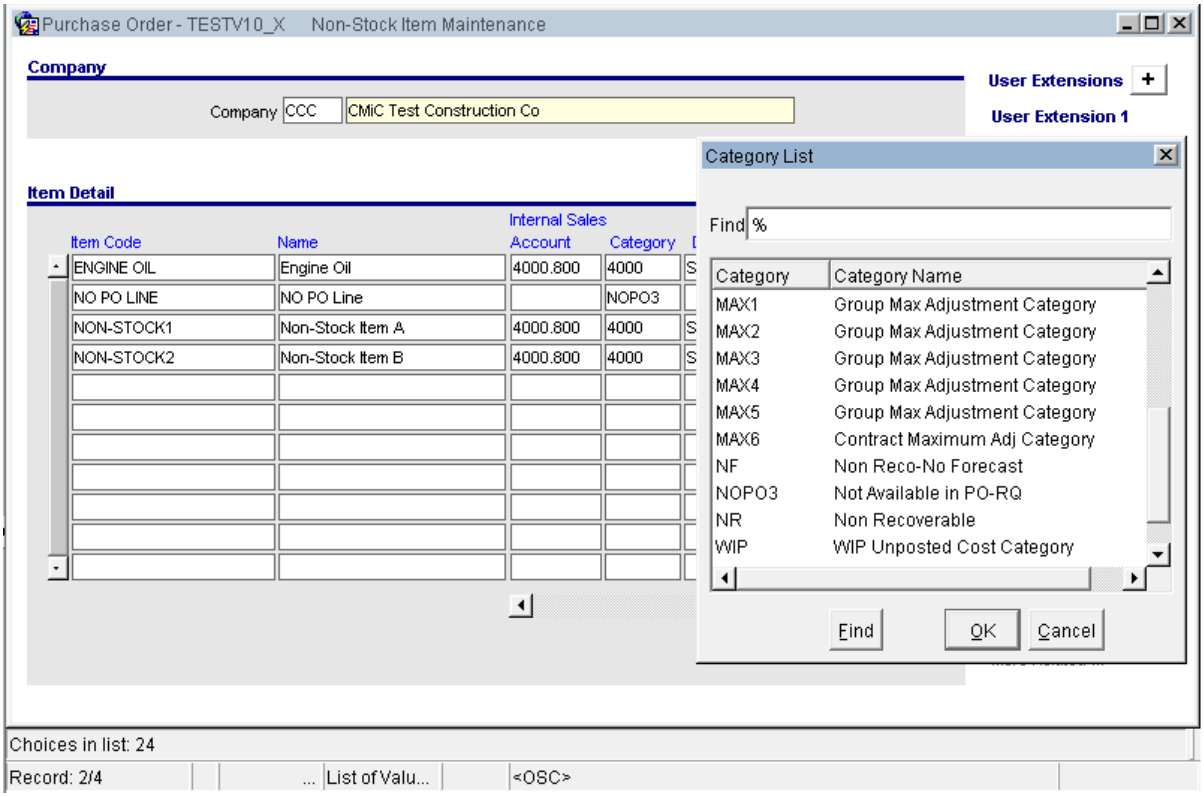


Category not allowed in PO entry.



Category not allowed in POCO entry

Same applies to Non stock items and the LOV below show all the categories that are available in Procurement.



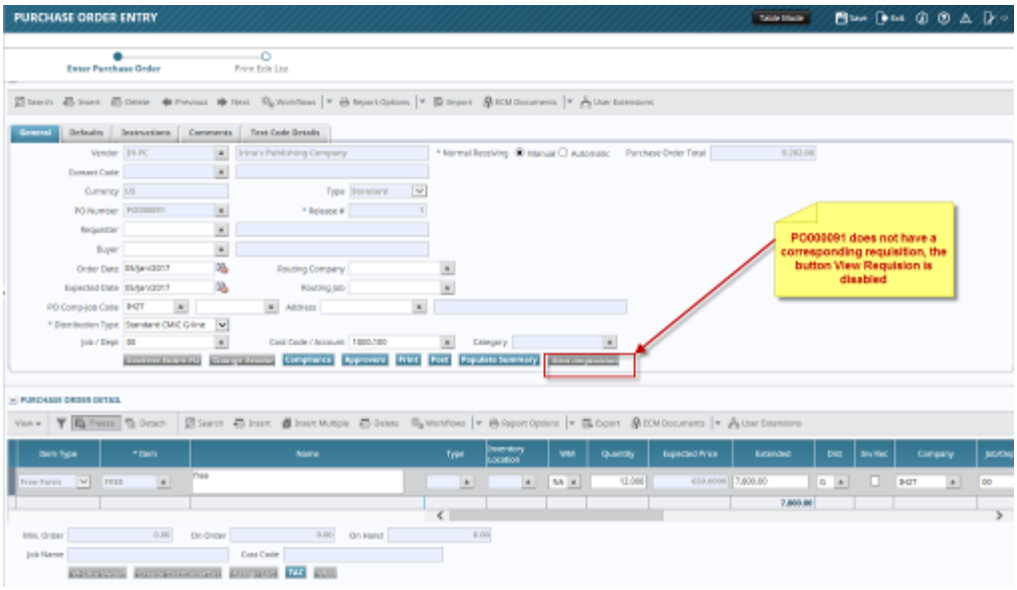
ADF need attachment functionality in PO and RQ (16.25978)

Overview:

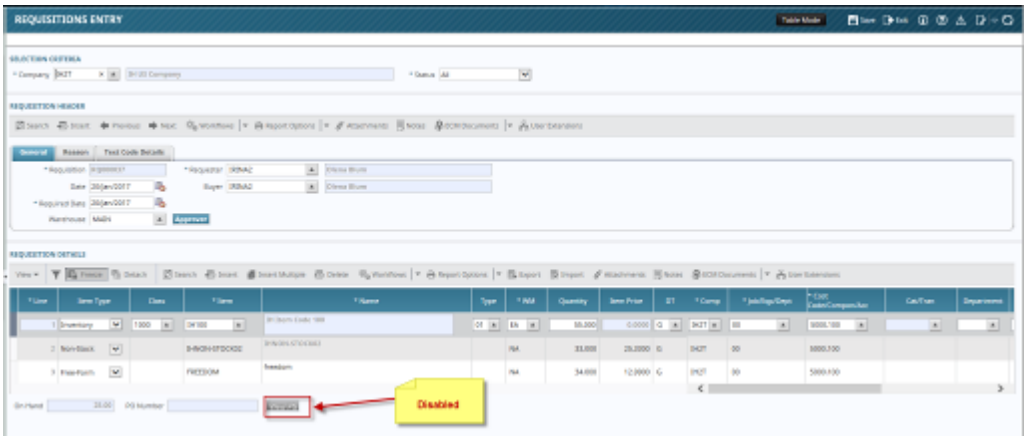
CMiC has modified the Requisition and Purchase Order Entry programs to have attachments enabled and a button on both programs to show the other document. On Requisition Entry screen the new button opens up Purchase Order Entry screen in Query Mode; and on Purchase Order Entry screen the button opens Requisition Entry screen in Query Mode. If the Requisition does not have an associated PO or if the PO does not have a corresponding Requisition, then the button will be disabled.

Settings and Examples:

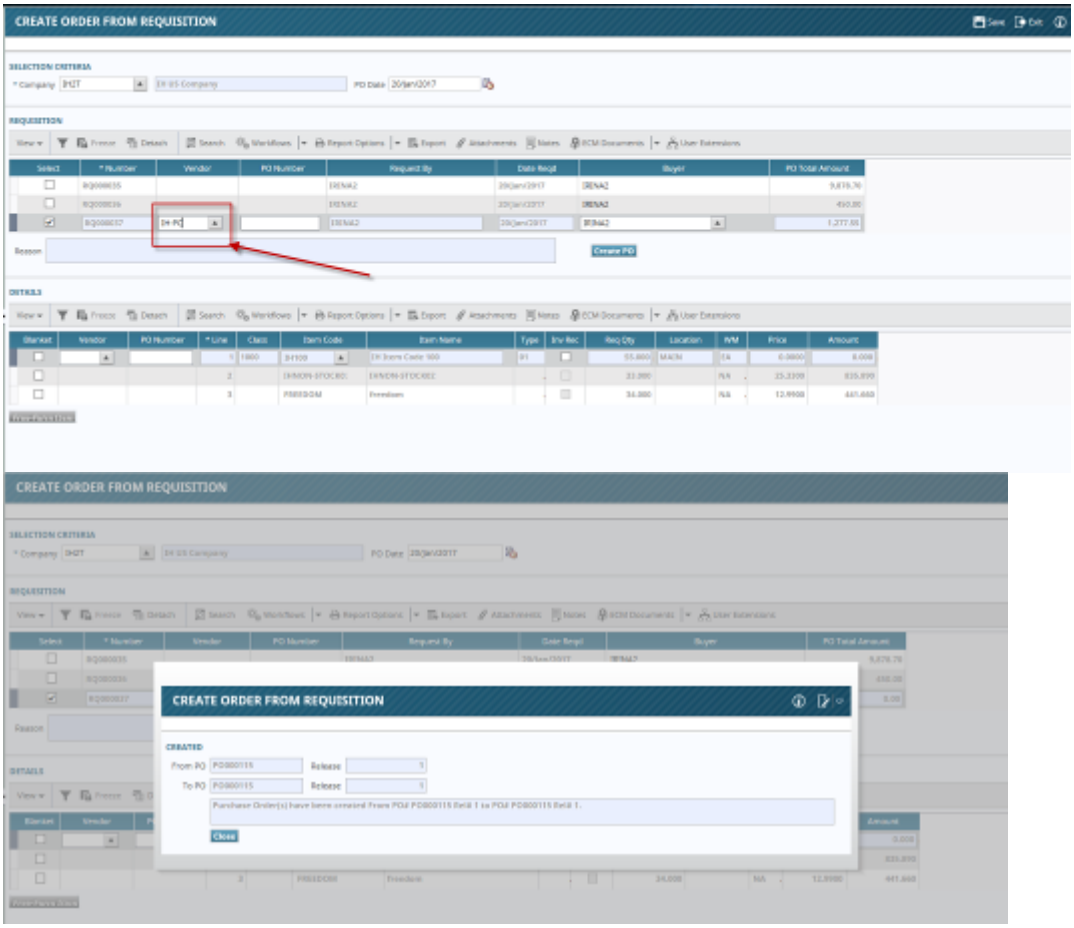
1. Create a PO manually. This PO does not have a corresponding requisition; the button “View Requisition” is disabled:



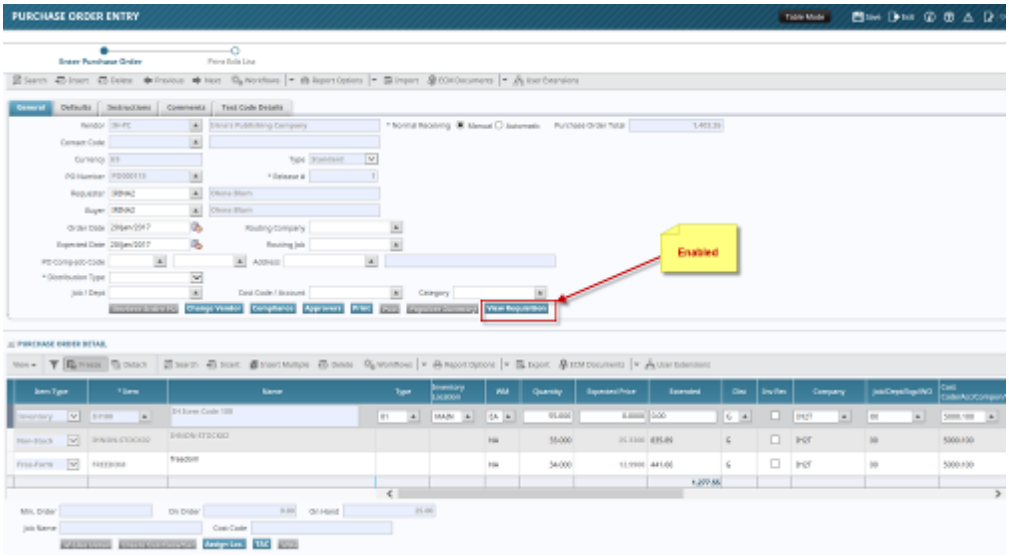
2. Create requisition; then create one purchase order for the requisition:
   a. Requisition RQ000037: the button “View PO” id disabled for each line, since there is no corresponding PO exists:



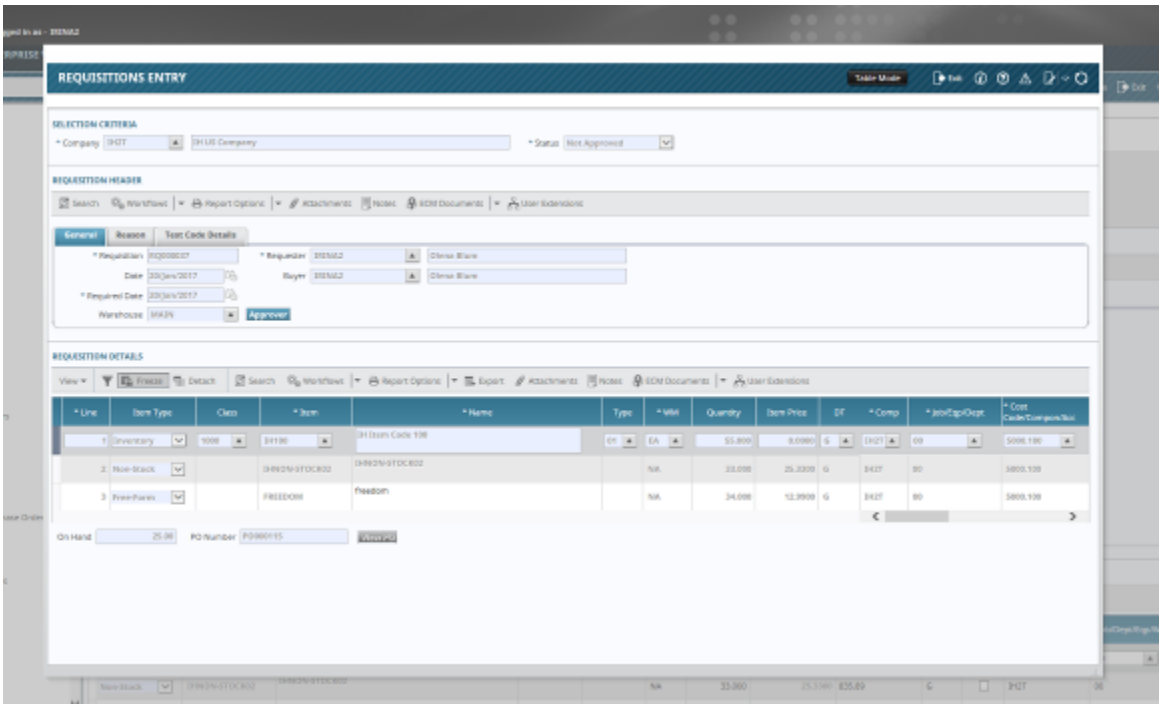
b. Create one purchase order (PO) from the requisition RQ000037 (by identifying the Vendor in the Requisition section of the Create Order From Requisition screen):



c. Open PO000115 in the Purchase Order Entry screen; since this PO has the corresponding Requisition, the button “View Requisition” is enabled:

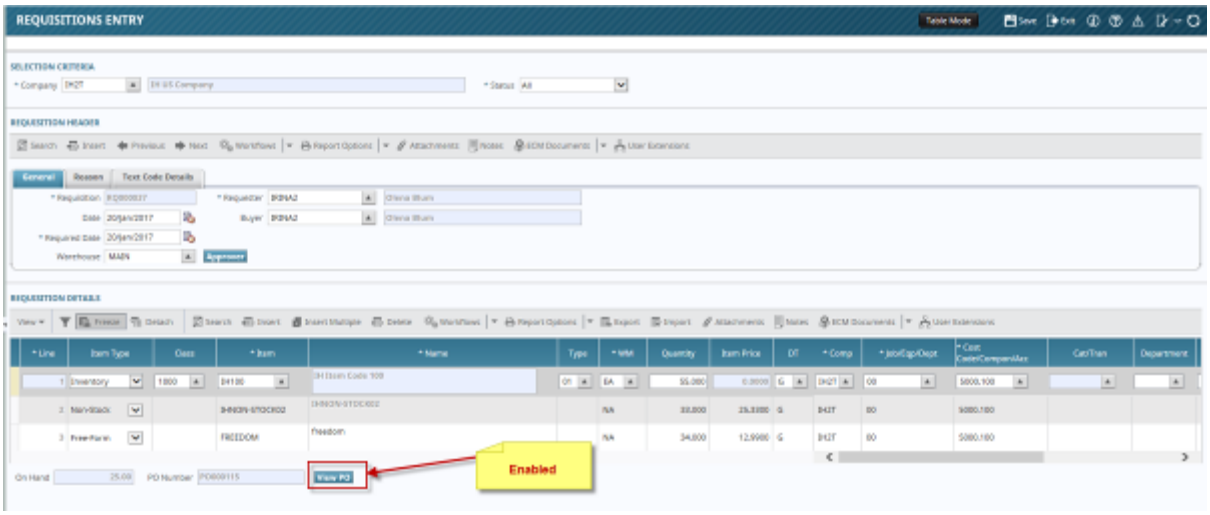


d. When button “View Requisition” is pressed, the corresponding requisition will be shown in the pop-up window:

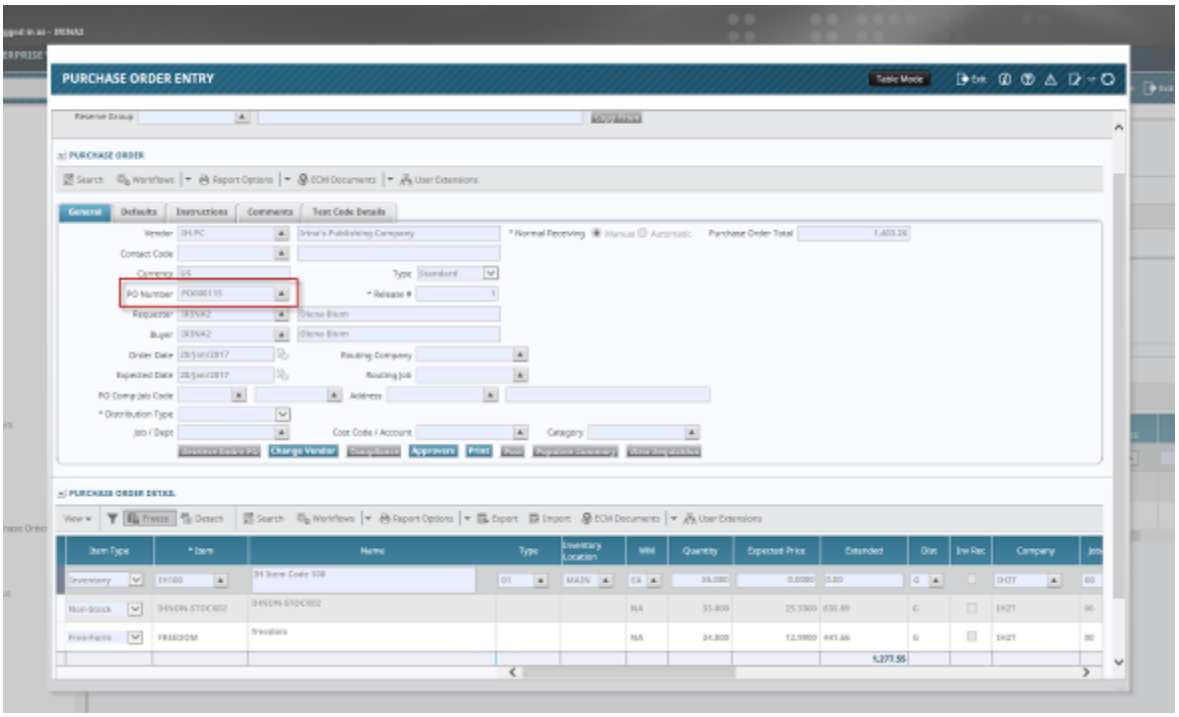


e. Close the pop-up screen.

f. Open Requisition Entry screen in the Query Mode for the same requisition RQ000037: for each line in the requisition the button “View PO” is enabled.

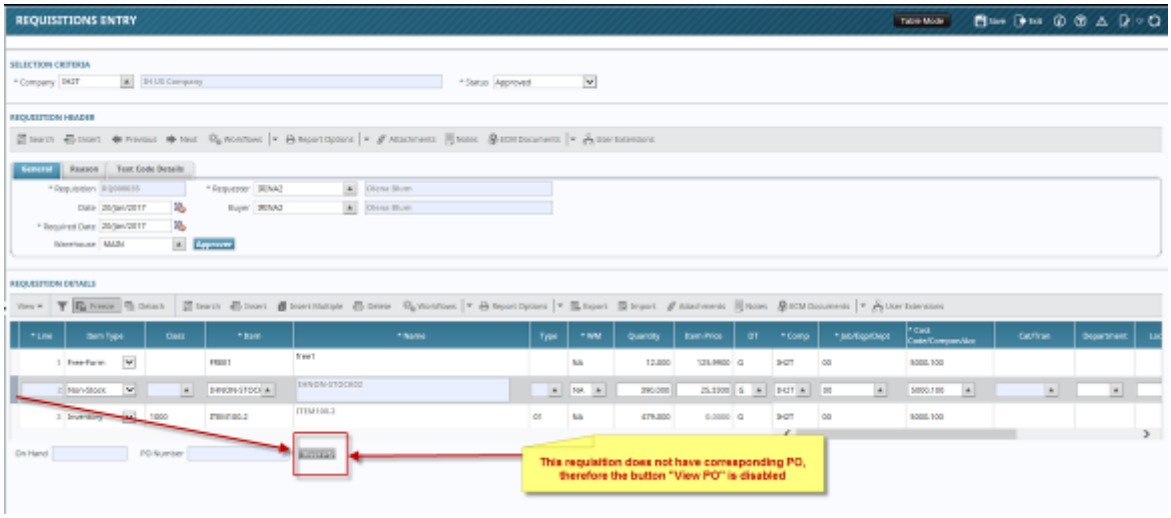


g. When the button “View PO” is pressed, the corresponding PO (PO000115) will be shown in the pop-up window:

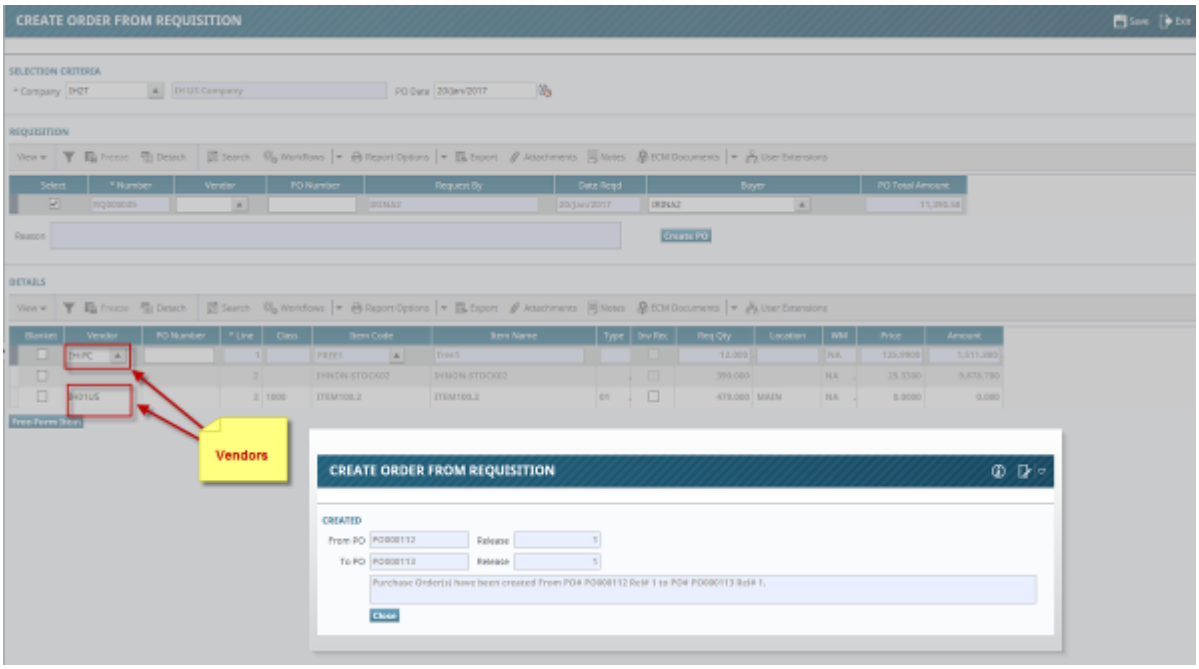


3. Create Requisition RQ000035 with 3 lines; than create POs only for the lines 1 and 3.

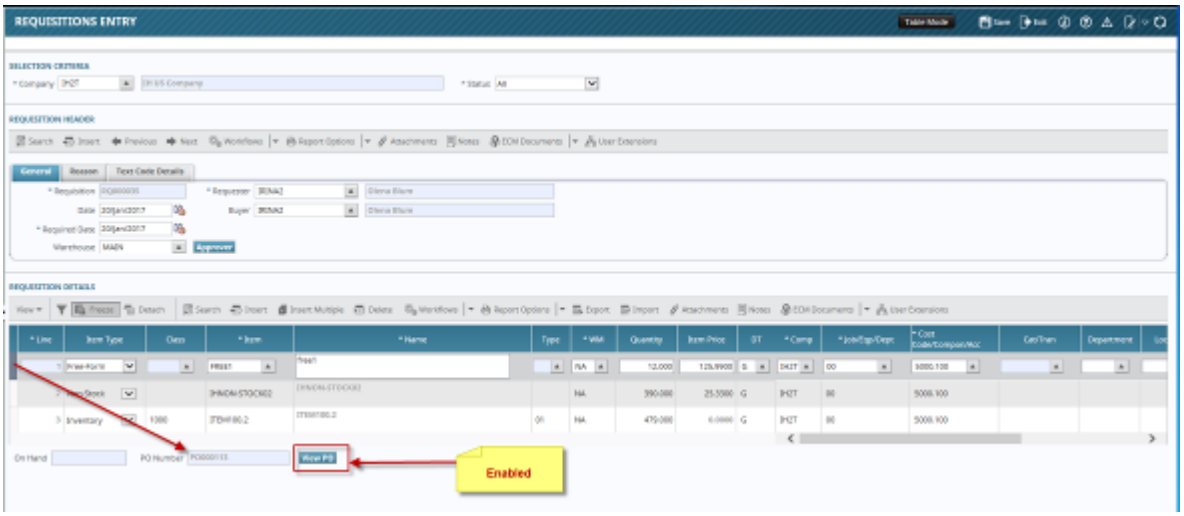
    a. RQ000035:



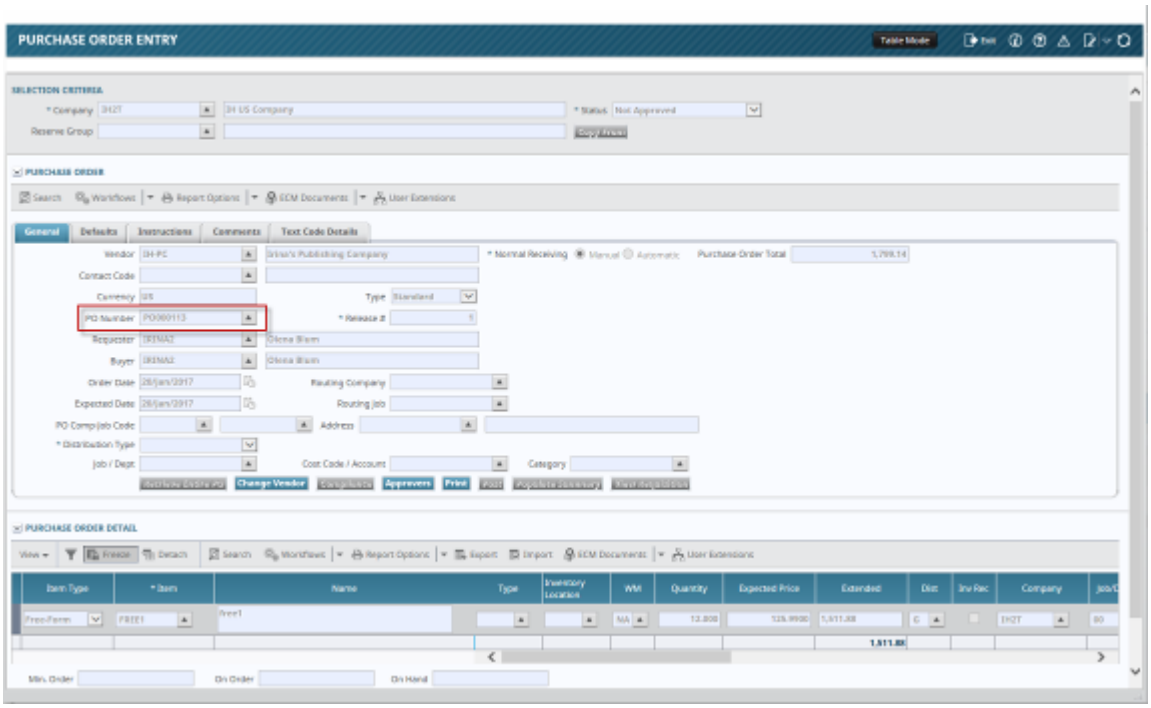
    b. Create POs from the line 1 and 3 of the requisition RQ000035 by entering vendors in the Details section of the Create Order From Requisition screen:



c. Open Requisition Entry screen in the Query Mode for the same requisition RQ000035: PO000113 has been created for the line 1; therefore, the button “View PO” is enabled:

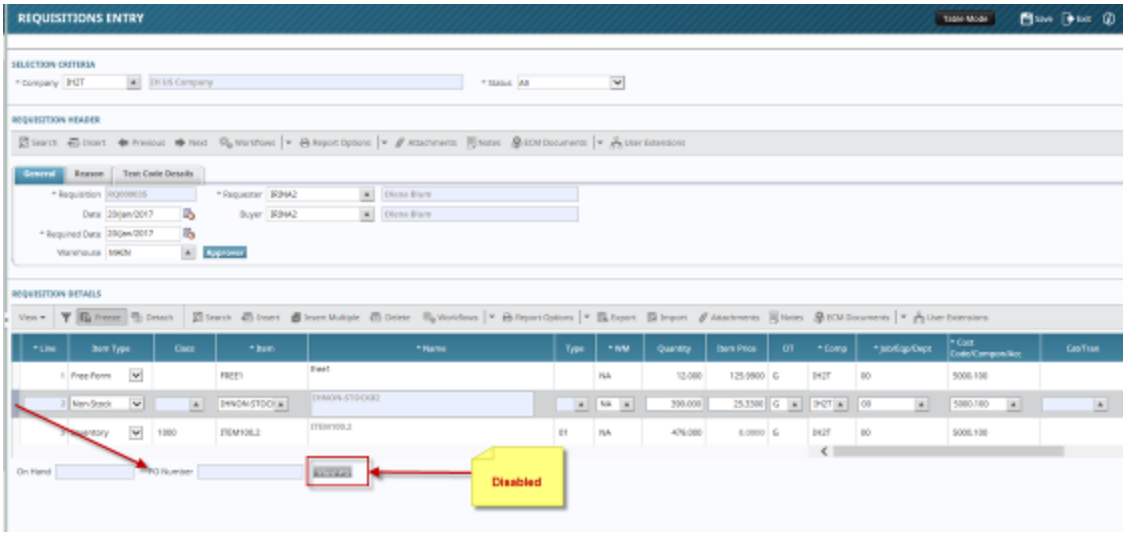


When the button “View PO” is pressed, the corresponding PO000113 is shown:

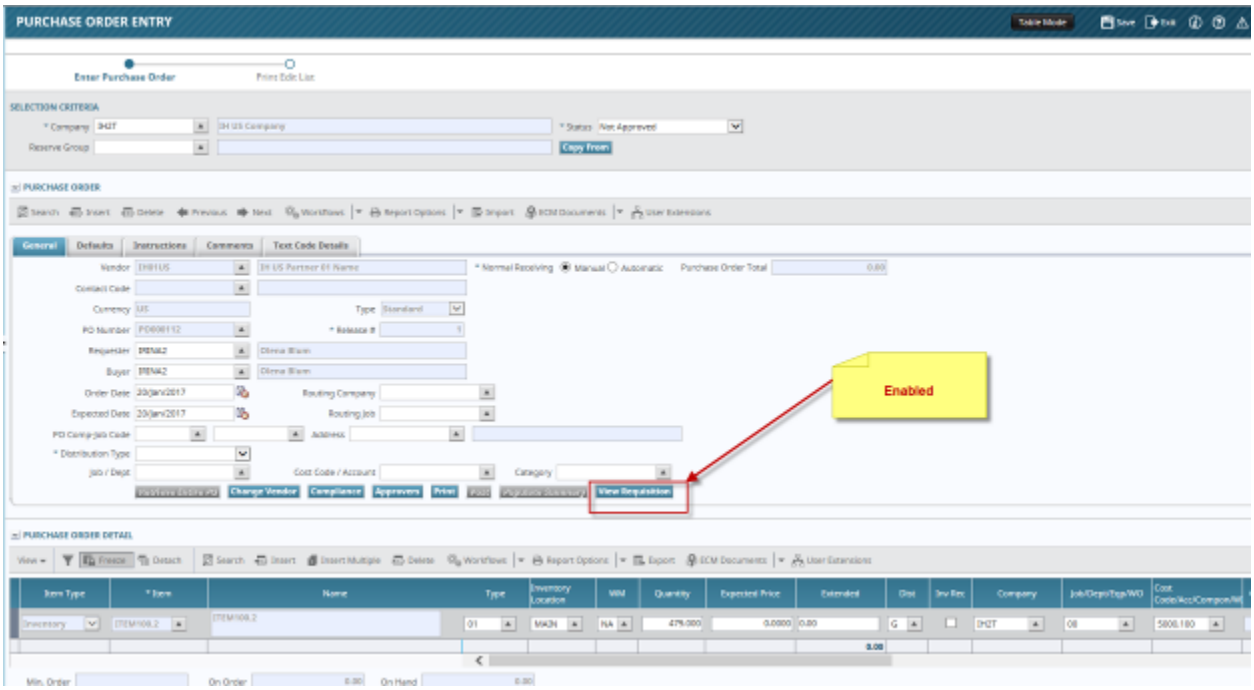


NOTE: The same functionality will take place for the line 3 of the requisition RQ000035 (the corresponding PO000112 will be shown).

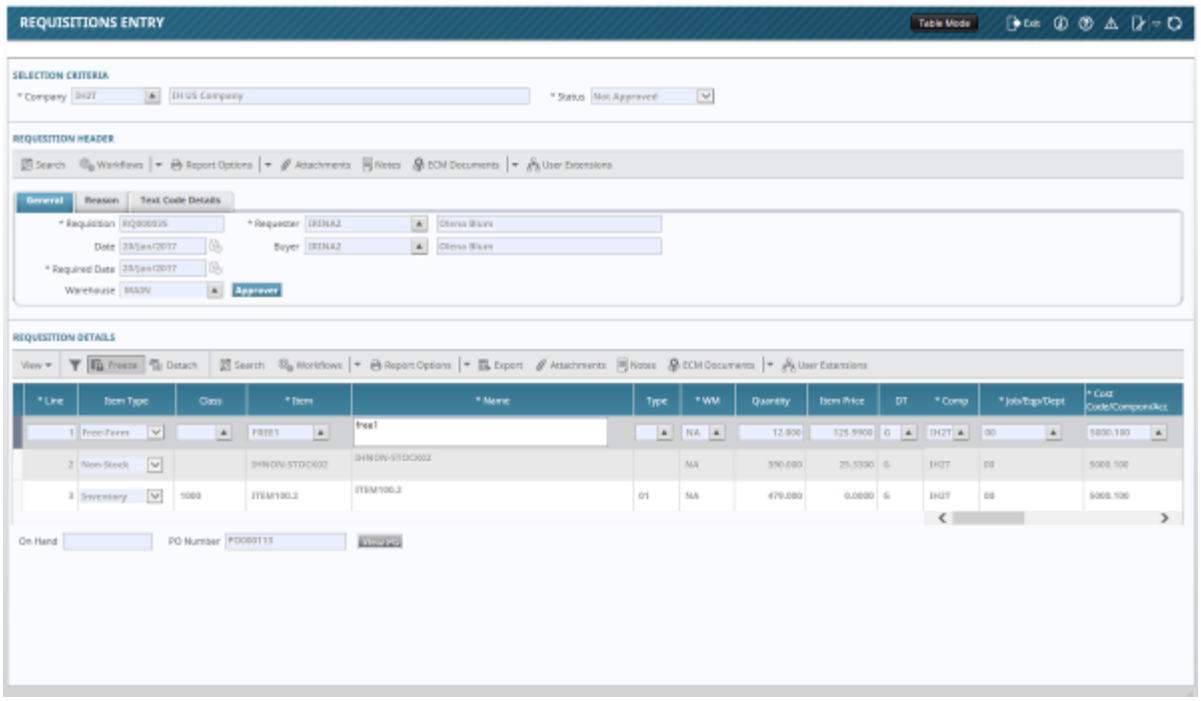
d. No purchase order has been created for the line 2; therefore, the button "View PO" has remained disabled.



e. Open created PO000112 from Purchase Order Entry screen. Since this PO has been created from the requisition, the "View Requisition" button is enabled:



When the “View Requisition” button is pressed, the corresponding requisition RQ000035 will show up:



NOTE: The same functionality will take place when PO000113 is open (the button “View Requisition” is enabled; when it is pressed, the requisition RQ000035 will be shown.

Summary:

The Requisition and Purchase Order Entry programs have been modified: each screen has a button to show the other document in Query Mode. The new button on Requisition Entry screen opens up Purchase Order Entry screen; while the

new button on Purchase Order Entry screen opens up Requisition Entry screen. If the Requisition does not have an associated PO or if the PO does not have a corresponding Requisition, then the button will be disabled.

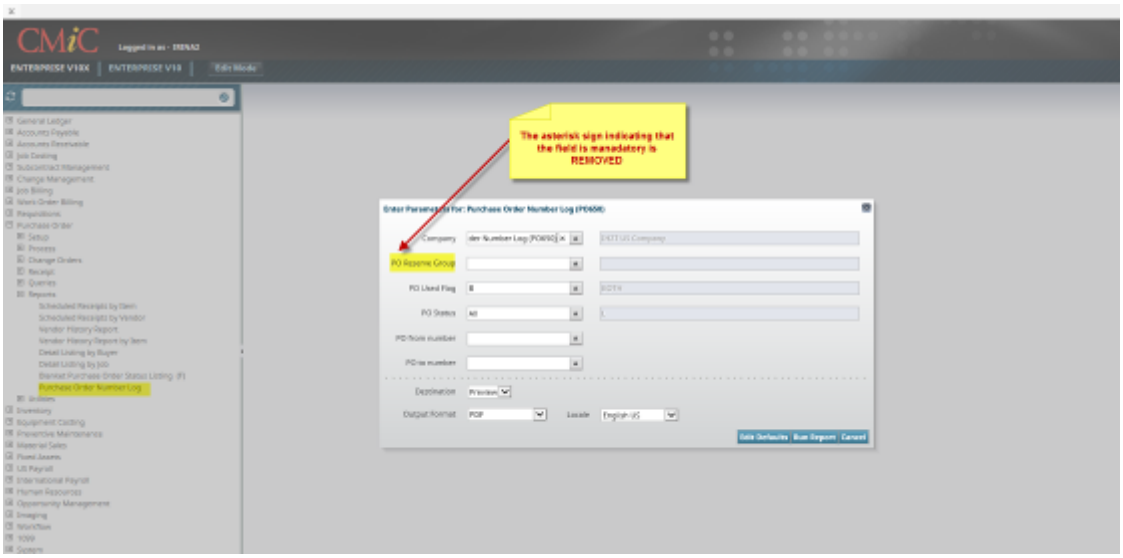
PO Reserve Group Not Required in PO 650 (17.34511)

Overview:

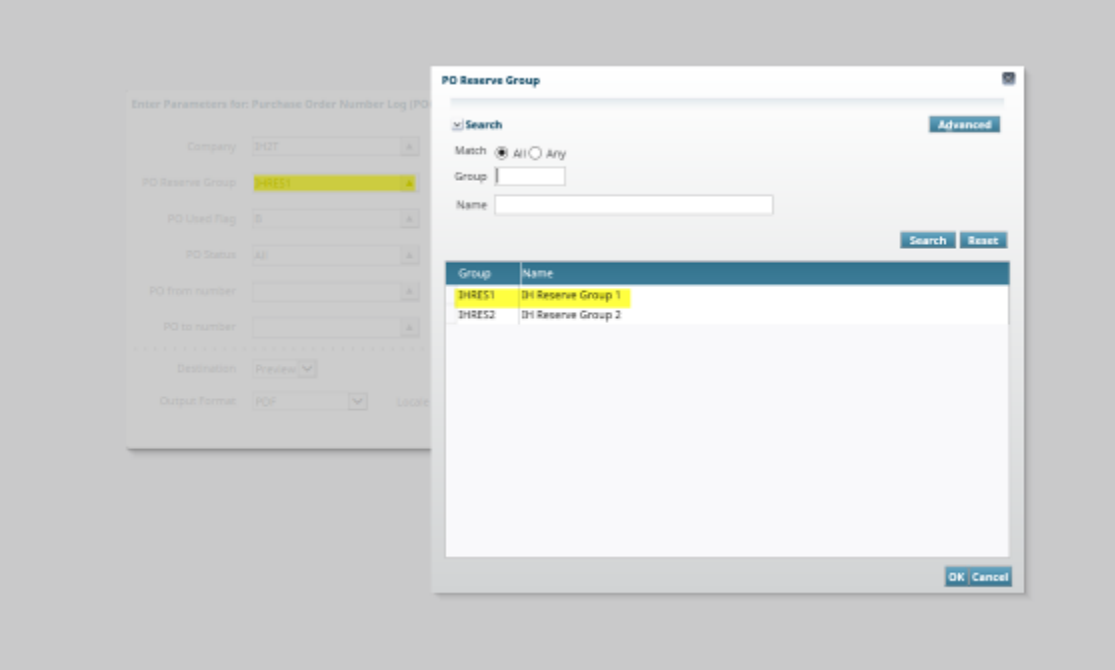
CMIC has modified the "Purchase Order Number Log (PO650)" report to make the PO Reserve Group parameter optional and add another query to the report to execute if the registration group is null.

Settings and Examples:

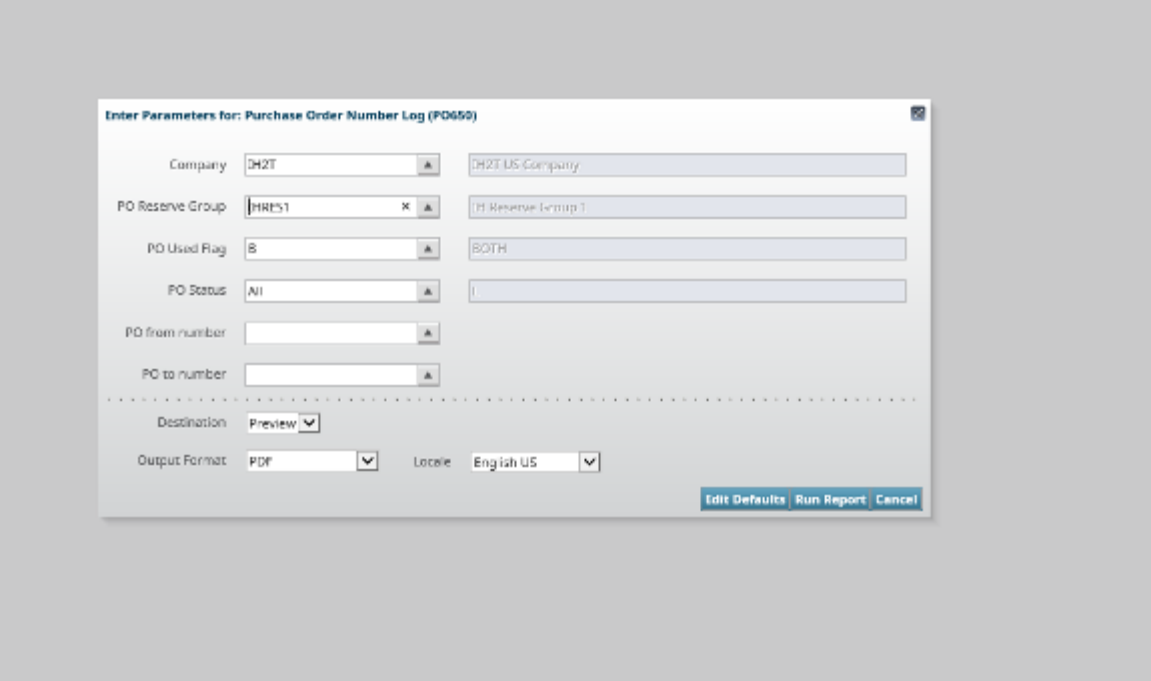
1. Access Purchase Order Number Log (PO650) (Purchase Order -> Reports -> Purchase Order Number Log): the asterisk sign that indicates the mandatory field has been removed from the PO Reserved Group label.

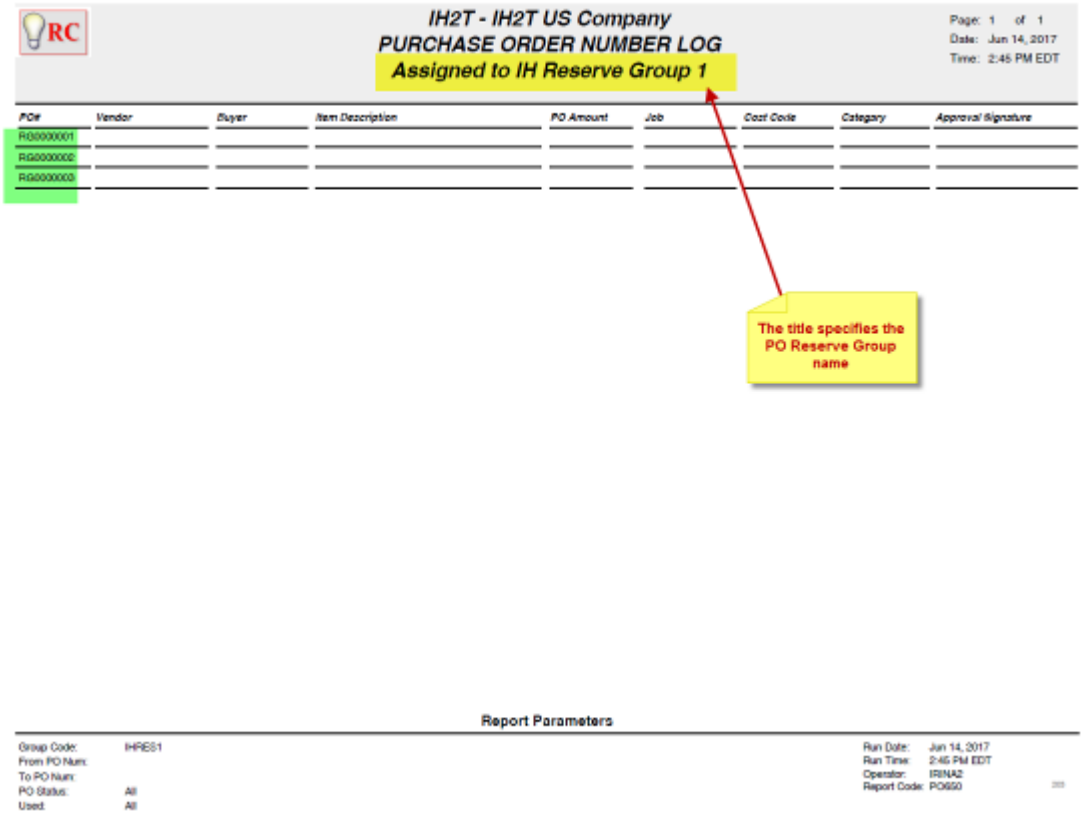


2. The Company IH2T has two reserve groups: IHRES1 and IHRES2.



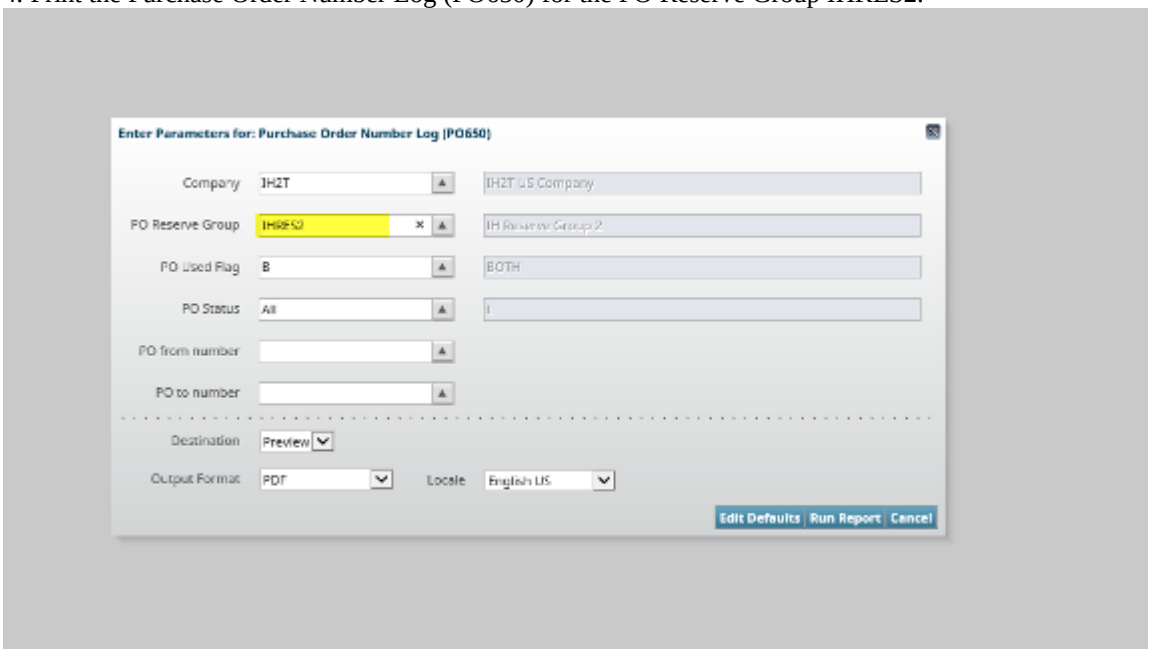
3. Print the Purchase Order Number Log (PO650) for the PO Reserve Group IHRES1:

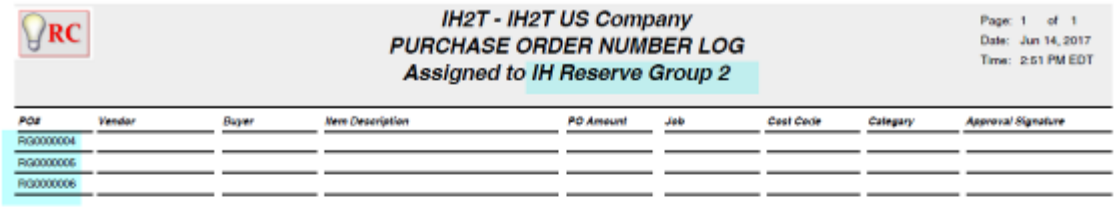




NOTE: The Title of The Log specifies the name of the Reserve Group to where the listed PO Numbers are assigned.

4. Print the Purchase Order Number Log (PO650) for the PO Reserve Group IHRES2:





IH2T - IH2T US Company
PURCHASE ORDER NUMBER LOG
Assigned to IH Reserve Group 2

Page: 1 of 1
Date: Jun 14, 2017
Time: 2:51 PM EDT

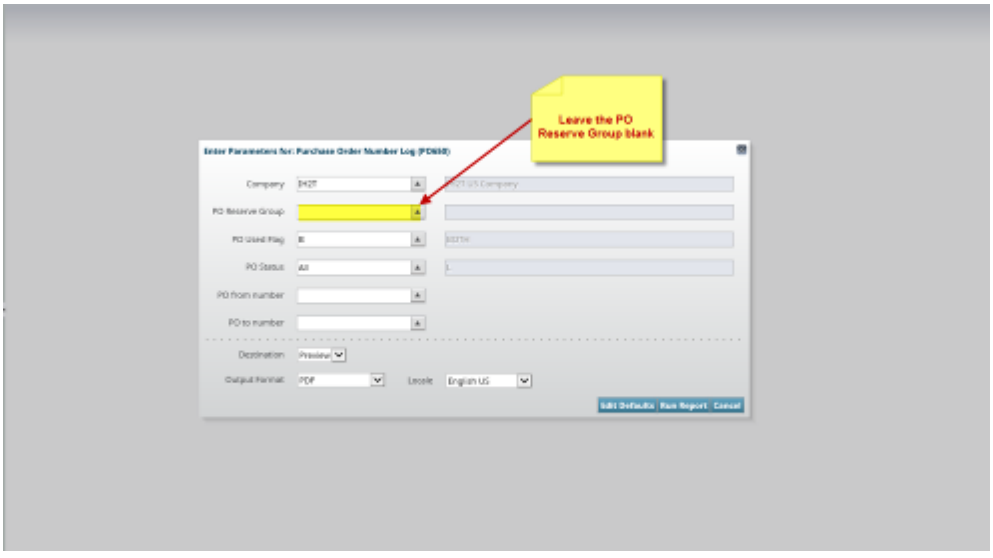
PO#	Vendor	Buyer	Item Description	PO Amount	Job	Cost Code	Category	Approval Signature
RG0000004								
RG0000005								
RG0000006								

Report Parameters

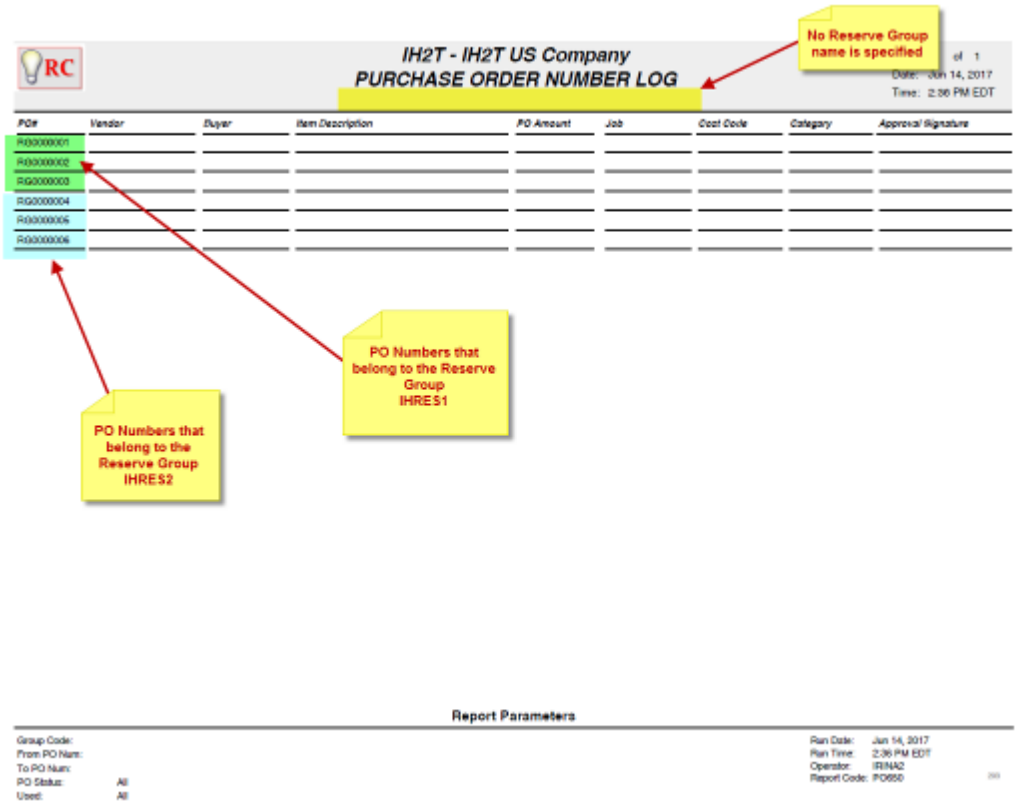
Group Code:	IHRES2	Run Date:	Jun 14, 2017
From PO Num:		Run Time:	2:51 PM EDT
To PO Num:		Operator:	IRINA2
PO Status:	All	Report Code:	PO650
Used:	All		

NOTE: The Title of The Log specifies the name of the Reserve Group to where the listed PO Numbers are assigned.

5. Run Purchase Order Number Log (PO650) leaving the field PO Reserve Group empty (NULL value):



Run the Purchase Order Number Log (PO650):



NOTE: The Purchase Order Number Log title does not specify any PO Reserve Group name. The Log includes all PO Numbers that belong to all Reserve Groups (IHRES1 and IHRES2) for the company (IH2T).

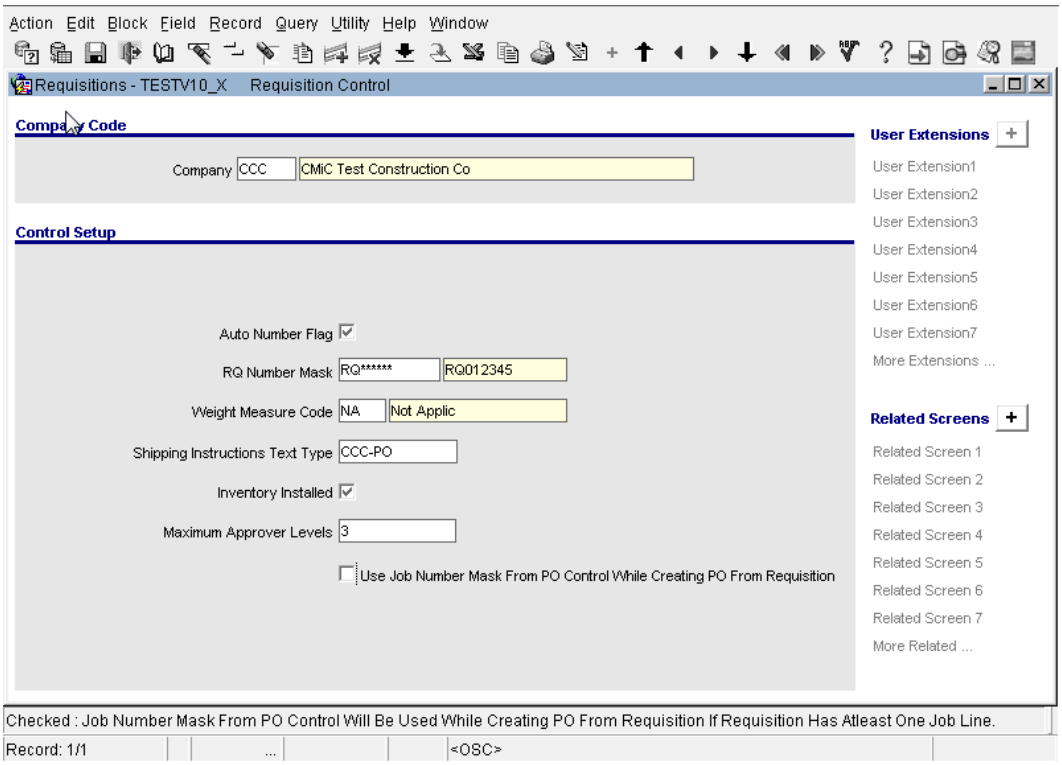
Summary:

The "Purchase Order Number Log (PO650)" report has been modified to allow the PO Reserve Group parameter being optional. New query has been added to the report to be executed if the registration group is null.

Requisitions

Use Job PO Mask when creating POs from Requisitions (14.87009)

To use Job PO mask to generate PO numbers, when creating Purchase Orders from Requisitions that contain at least one 'J' line distribution.



Requisitions > Setup > Local Tables > Control File (rqctrlfm.fmx)

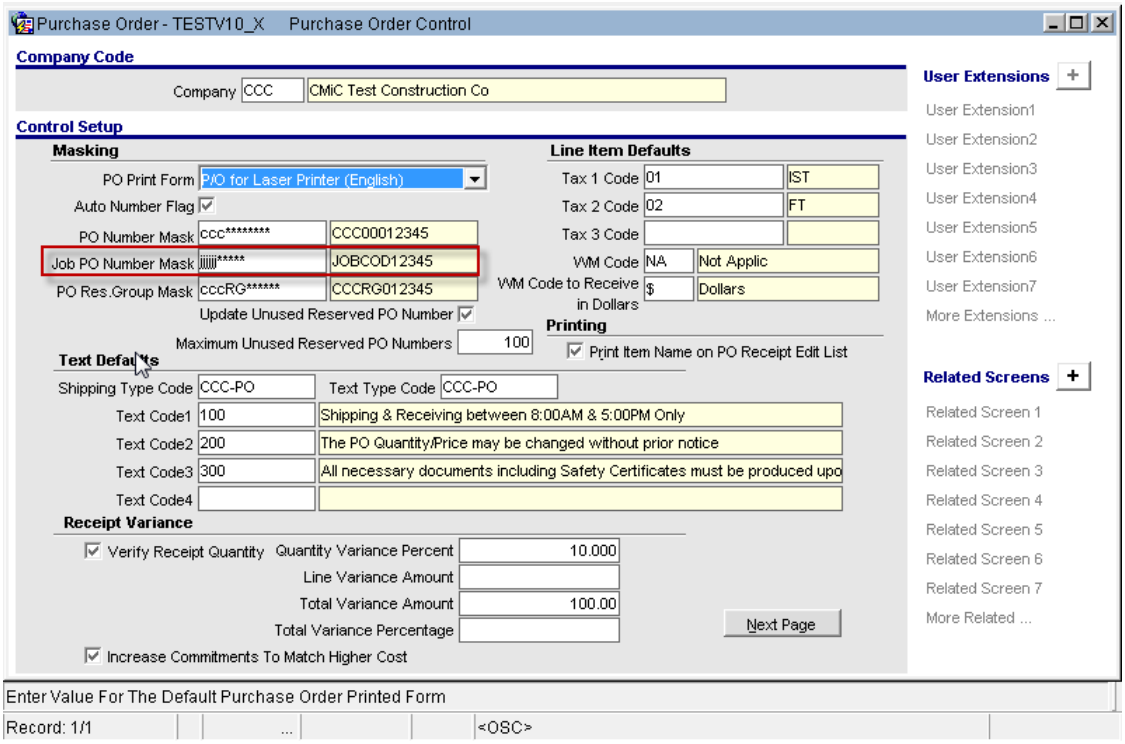
The Requisitions Control Form is modified with the addition of a flag 'Use Job Number Mask from PO Control When Creating PO From Requisition'. The default value is un-checked.

When Checked, The Job PO Number Mask defined in PO Control will be used, when creating purchase orders from requisition application, provided the detail lines have at least one 'J' line distribution.

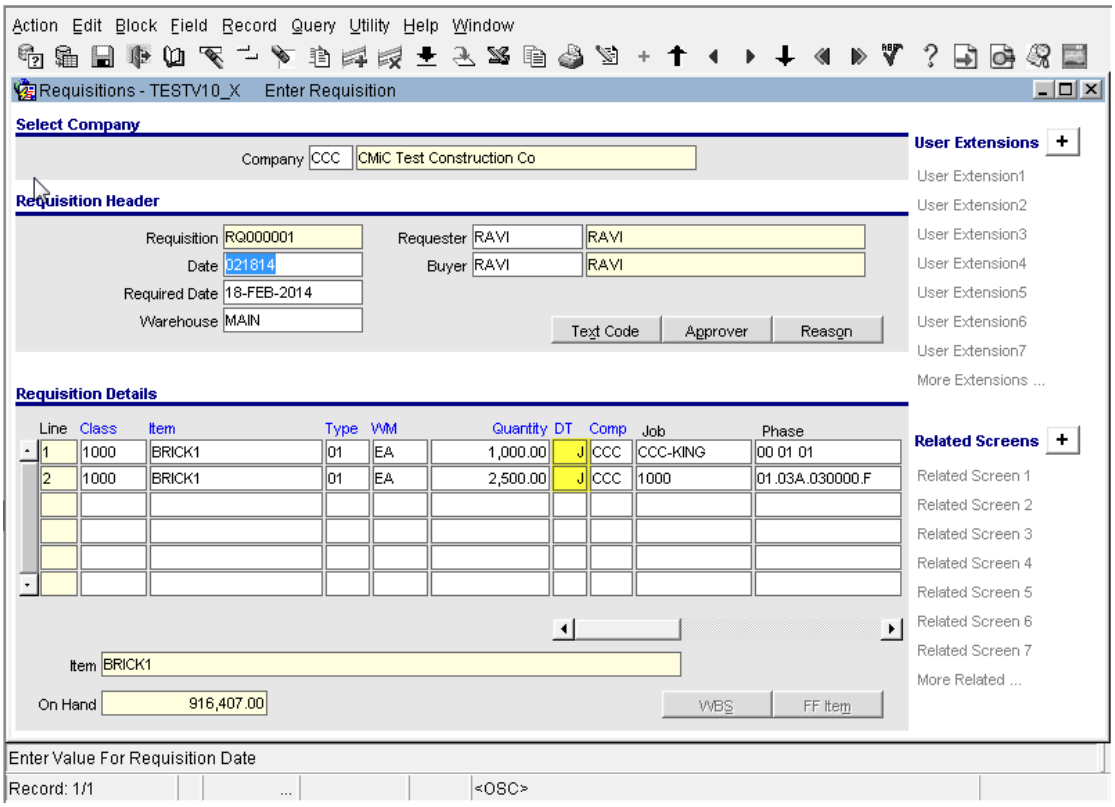
NOTE:

When un-checked (default value) the existing functionality applies and the system would continue to use Normal PO Masks for all types of Requisitions.

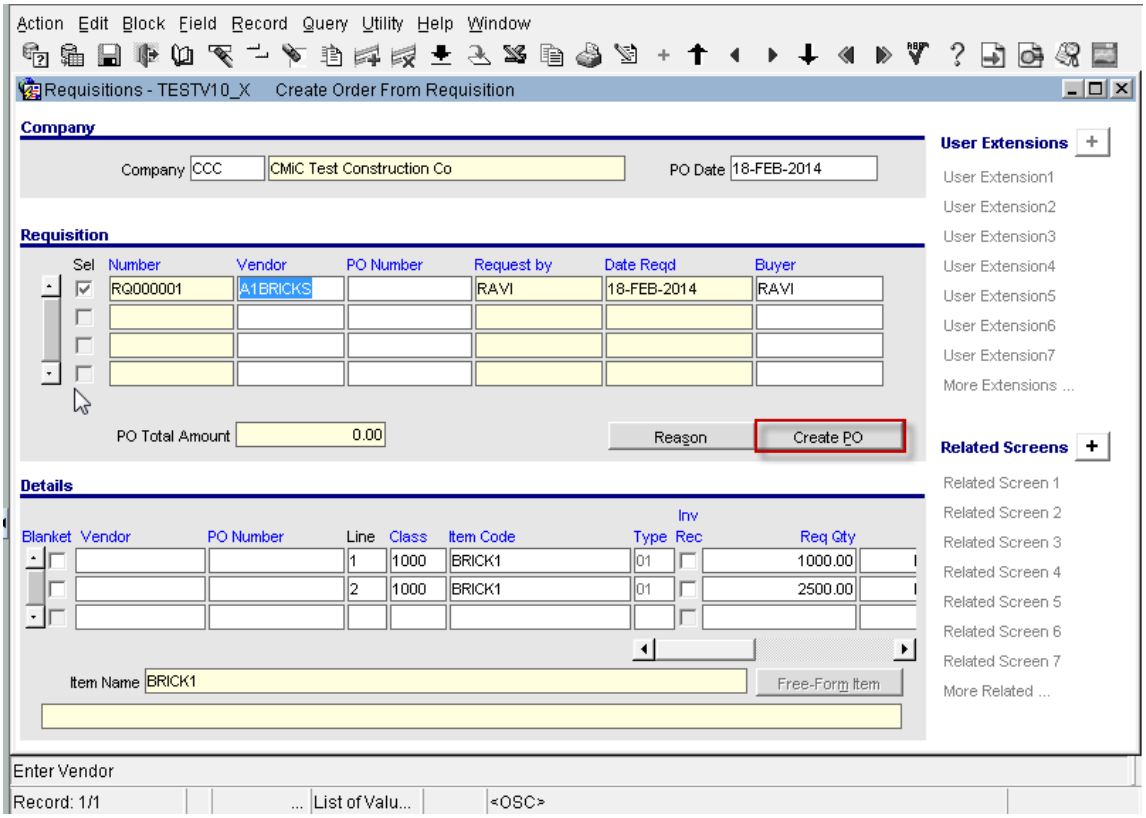
Example:

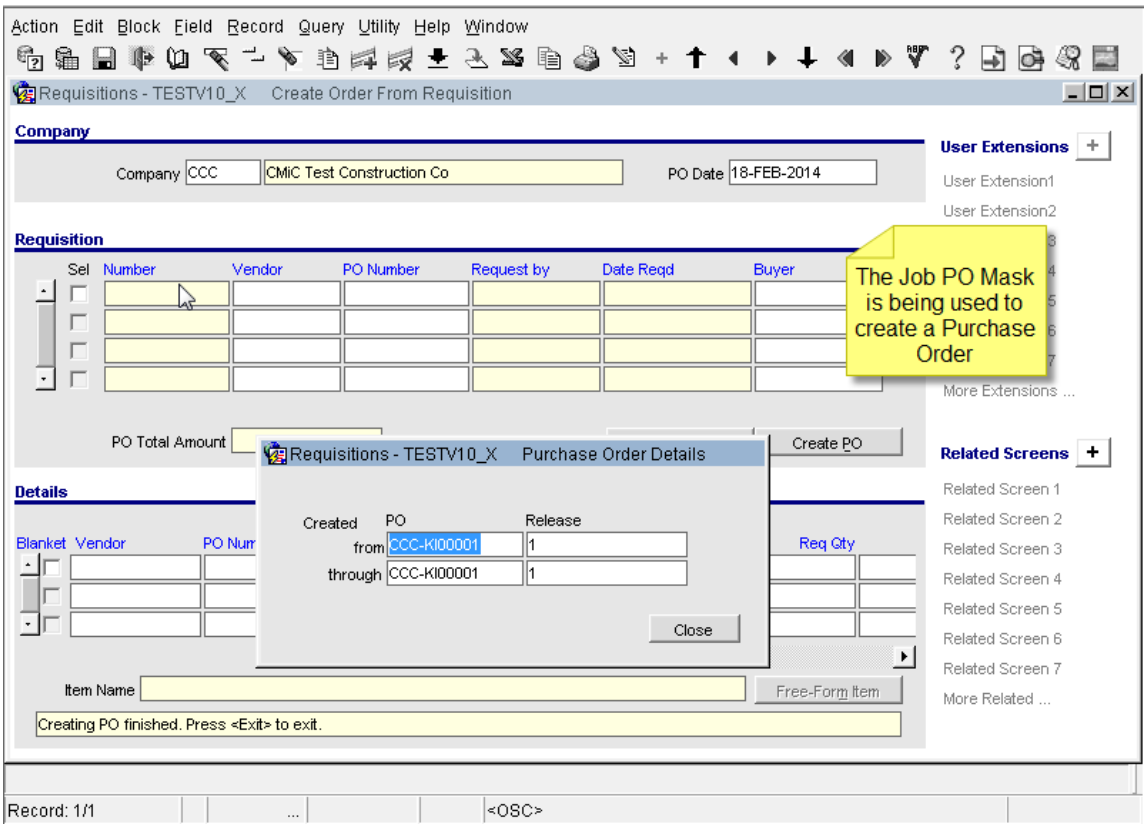


The PO Control File shown above has a Job PO Number Mask defined as 'jjjjjj*****'

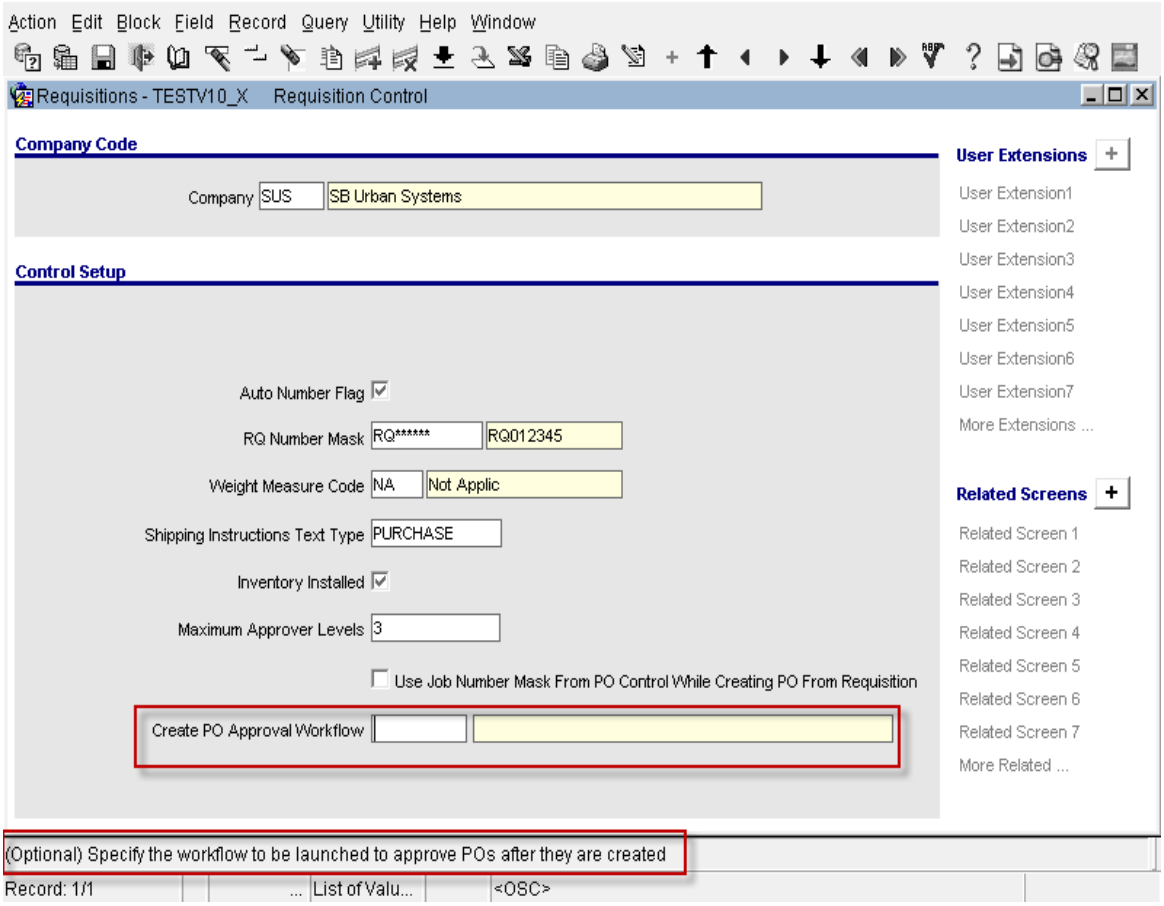


The Requisition Entry shows two 'J' line distributions in the details. We expect the system to create a purchase order with the 'first job' that the program finds from the list.




Action Edit Block Field Record Query Utility Help Window
Requisitions - TESTV10_X Create Order From Requisition
Company
Company CCC CMiC Test Construction Co PO Date 18-FEB-2014
Requisition
Sel Number Vendor PO Number Request by Date Reqd Buyer
The Job PO Mask is being used to create a Purchase Order
PO Total Amount
Create PO
Requisitions - TESTV10_X Purchase Order Details
Created PO Release
from CCC-KI00001 1
through CCC-KI00001 1
Close
Details
Blanket Vendor PO Num Req Qty
Item Name
Free-Form Item
Creating PO finished. Press <Exit> to exit.
User Extensions
User Extension1
User Extension2
More Extensions ...
Related Screens
Related Screen 1
Related Screen 2
Related Screen 3
Related Screen 4
Related Screen 5
Related Screen 6
Related Screen 7
More Related ...
Record: 1/1
<OSC>

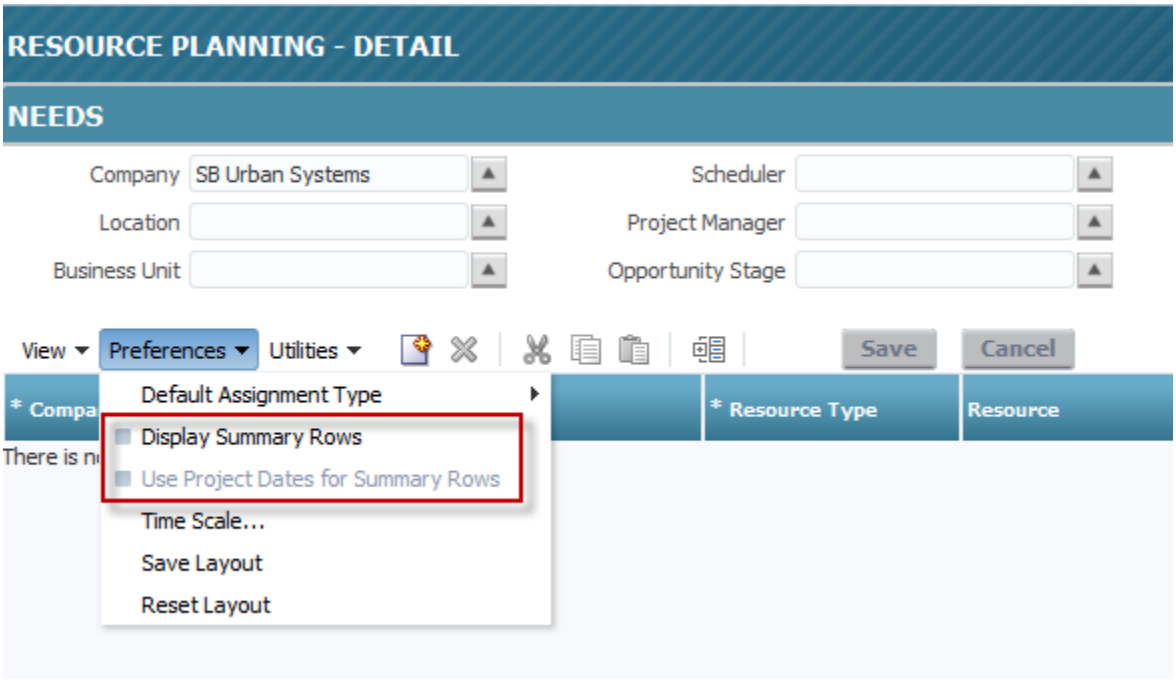
PO Approval Workflow Name in Requisition Control File (14.87008)



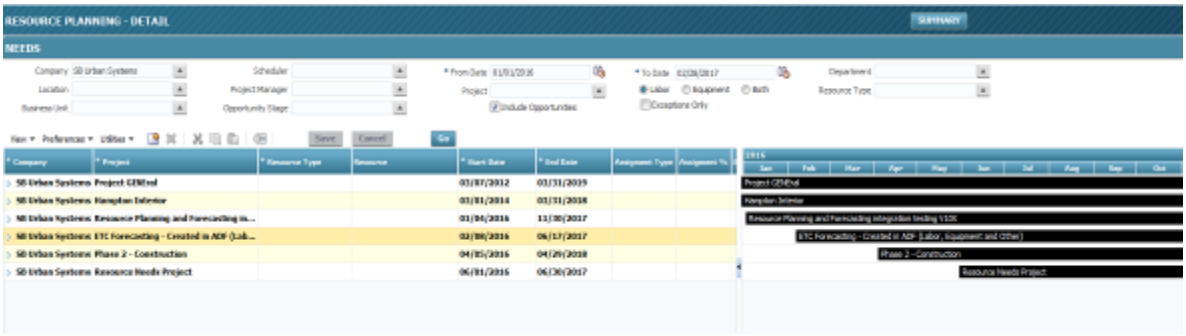
Requisition Control - Added a new item for **PO Approval Workflow Name**. By default, the value is null and will not cause any workflow to be initiated when the requisition is converted to a purchase order. Otherwise, any appropriate workflow entered in this field will be automatically launched for PO approval when requisitions are converted to purchase orders.

Resource Planning

Project Dates for Summary Rows (16.23423)

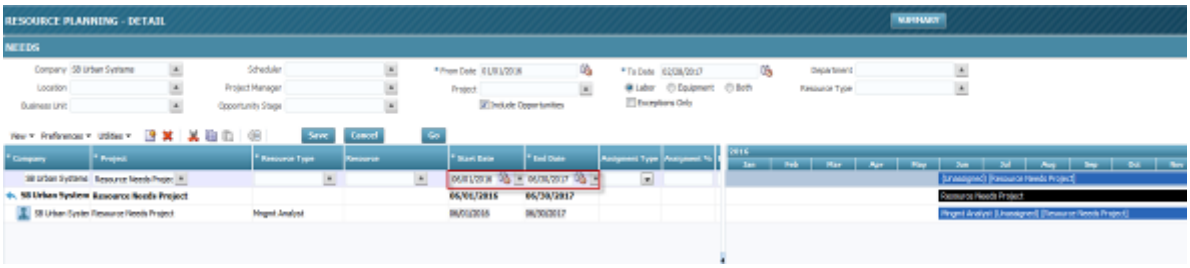


CMiC has added an option to use the Project Start Date and End Date when the Preference to Display Summary Rows is in effect.



When the option is not in use, the minimum date is used as the Start Date and the maximum date is used as the End Date from the range of dates of projects – this was the previous functionality.

Additionally, changes have been made to default the Project Start and End Date when a Need is created for a project. These dates can be overridden. Previously, the dates in the header filter was being defaulted.

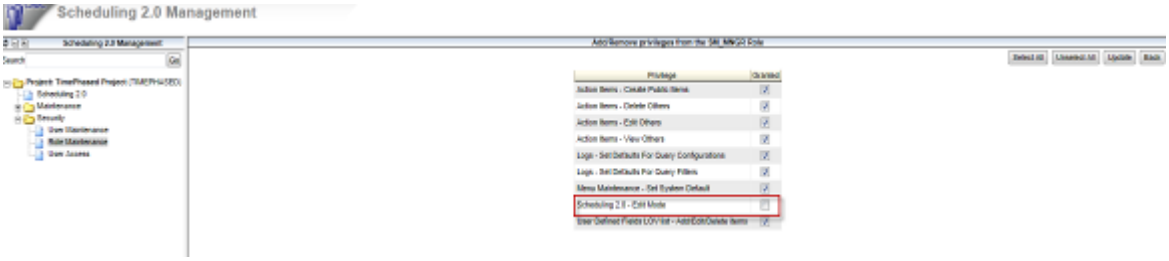

RESOURCE PLANNING - DETAIL
NEEDS
Save
Cancel
Go

Scheduling 2.0

Scheduling 2.0 (12.68914)

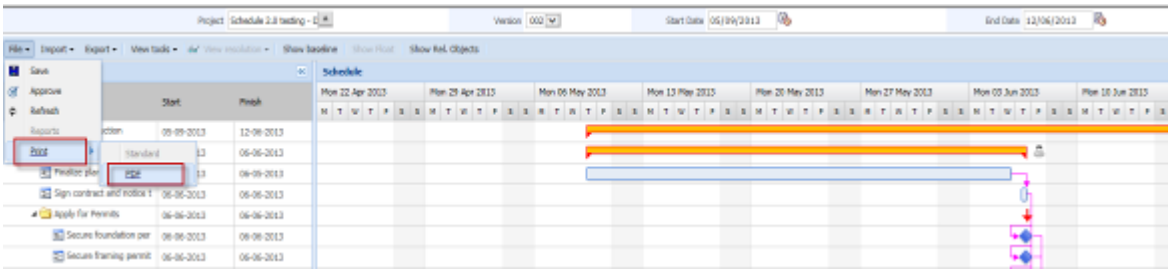
Scheduling of projects has been added as a new module. Please note that the Scheduling modifications are NOT included in the standard PM System. Please contact your Account Manager/Project Manager for details on obtaining this enhancement.

Edit Privilege for Scheduling (14.89535)

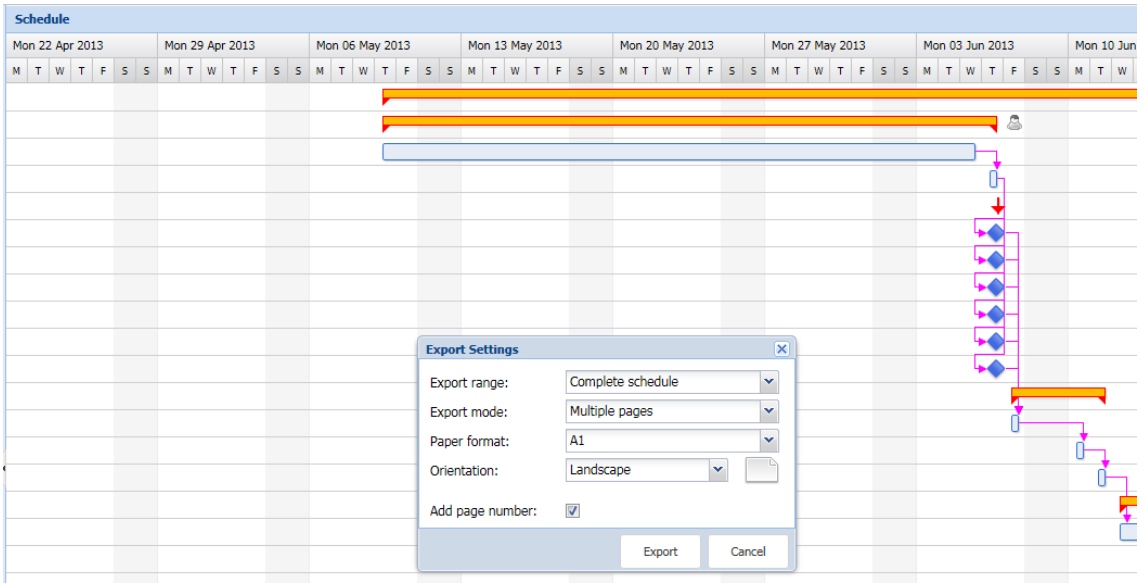


Modifications were made to load the schedules in View mode unless user has security privilege to Edit. The security privilege 'Scheduling 2.0 – Edit Mode' has been introduced for this purpose.

Ability to Print Schedule (Creates PDF) (14.96096)



The ability to print a schedule has been added to Scheduling 2.0. A PDF document is created (currently programmed to work with **Windows and Linux** machines).

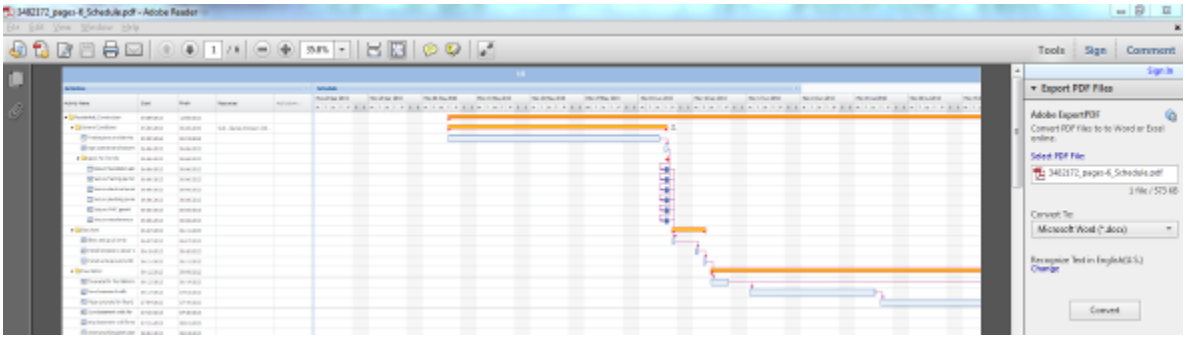


The files **phantomjs.exe, phantomjs_render.js and phantomjs_work.bat (all for Windows); phantomjs_render.js, phantomjs, phantomjs_work.sh (all for Linux)** are required to be in the \sql installation directory (as provided by this patch installation).

At the end of the creation of the PDF, the user is prompted to open or save the file:



Sample of output:



Subcontract Management

Subcontract Code Expanded to 20 characters (08.28977)

Expanded the Subcontract Code field from 9 to 20 characters.

Terms added to Subcontract and other Screens (08.27370)

Addition of Terms field to SC Entry to permit specification of the Terms applicable for a particular Subcontract.

- Added a new field to the **SC Entry Program (Forms)** - this will be the Terms Code Field. This will default from the Vendor, but can be overridden.
- Added a new field to **the SC Entry Program (JSP)** - this will be the Terms Code Field. This will default from the Vendor, but can be overridden.
- Changed the **SC Request for Payment (Forms)** program to utilize the Terms Code on the subcontract
- Changed the **SC Request for Payment (JSP)** program to utilize the Terms Code on the subcontract
- Changed the **Imaging/workflow** to utilize this new field on the SC Contract for pay requests
- Changed the **JB application** to utilize this new field when creating Pay Requests from JB during the posting process.
- Changed the **Modify Original Contract** program to include this new field.
- Changed the **Contract Log** to include this new field

This change is not applicable to vouchers entered directly into the Invoice Registry or Voucher Entry.

No Posting if Base Contract Exceeds Budget (09.35317)

1. Added the following to the SC Control:
    - checkbox: 'Do Not Allow Posting If Base Contract Exceeds Budget'
    - the field 'PM Role to Notify'

The latter field is only enabled when the checkbox is checked.

When checked, the system verifies that the base subcontract amount for a given phase/category for that job (and inclusive for all subcontracts for that job) does not exceed the original budget for that phase/category. If the validation indicates that the budget will be exceeded, a notification is sent to the PM Role that is identified in the 'PM Role to Notify' field, and the posting of the subcontract is terminated.

Make sure the project contact that must receive the notification

- is assigned to the particular project (s)
- has the PM role defined in his/her contact record
- has a valid e-mail address set up in his/her contact record

- the PM role to receive the notification has the ‘key player’ check-box checked and can be seen in the Key Players tab of the project

Validation Rules:

The rules for the validation are sum all Job/Phase/Category line item amounts on the contract (000) being posted, then sum all line item amounts for any other posted base contracts using the same Job/Phase/Cat and compare the total to the Job Original Budget for the Job/Phase/Category.

In the case of the Forms version of Post Subcontract where multiple contracts can be posted at the same time - if one fails then all fail.

IMPORTANT NOTE:

If you are creating subcontracts from Change Management (i.e CM Control flag ‘Create Subcontracts from Change Management’ is checked) and the CM Control flag "Post vendor contract with the change item" is also checked, while using this new flag (to validate the subcontract amount against the budget), if the user is posting a PCI that will create a subcontract as well, and if the SC posting fails due to the validation (Base Contract will exceed the Budget), then in this case, only the PCI item posting will be posted successfully, the SC posting will not go through and will give the error message that the Budget Amount is being exceeded (Forms version gives the message in this case, but JSP version will give message after user tries to post the subcontract created as a result of the posting of the PCI).

Request for Payment ‘Ready to Post’ column (09.37215)

Added a ‘Ready to Post’ column to the RFP Multi-select Batch screen. When RFP approval is required, the value in the ‘**Ready to Post**’ will be YES for those that have already been approved and NO for those that have not yet been approved.

Also added a ‘**Ready to Post**’ column to the Batch LOV of the Post Requests For Payment screen.

NOTE: When no approval is required, the value in the ‘Ready to Post’ field will all be YES.

SC RFP – Job Security for Registered Invoices (10.51299)

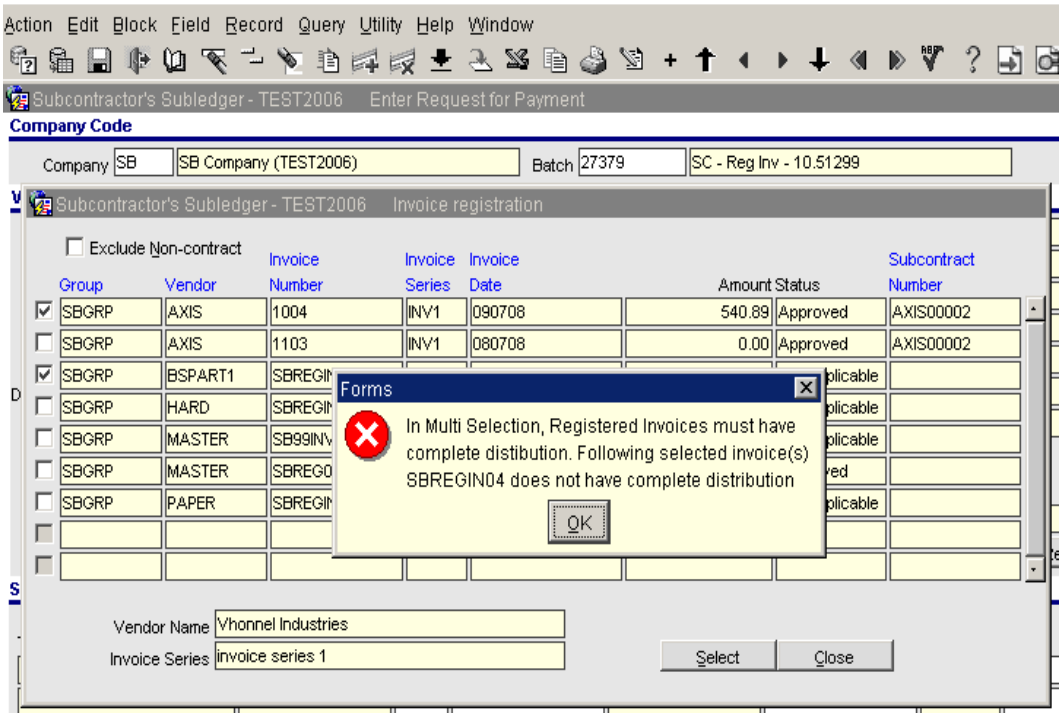
Applied the following enhancement in relation to SC Registered Invoices:

Job security can be applied in SC RFP [Registration] selection by using an SC Control flag 'Use Job Security For Registered Invoices'. When checked, job security is applied to Subcontract registered invoices, so that the SC Pay Request screen – Registration popup will only display invoices where the user has security access to the job in the header of the registered invoice.

SC RFP – Multi-Pay Request Batch for Invoice Registration (10.51299)

Added checkboxes to the left of the registered invoices in the SC Pay Request – Registration popup, to allow the user to select multiple registered invoices into a batch. In order to avoid selecting more than one payment request for the same vendor/contract, once a record is checked, then no other record with the same combination can be selected for that batch or any other open batch. Once the Select button is activated it will pull all marked registered pay request into the batch.

If the distribution is incomplete on any registered invoice selected for multi-select payment, the following message is displayed:



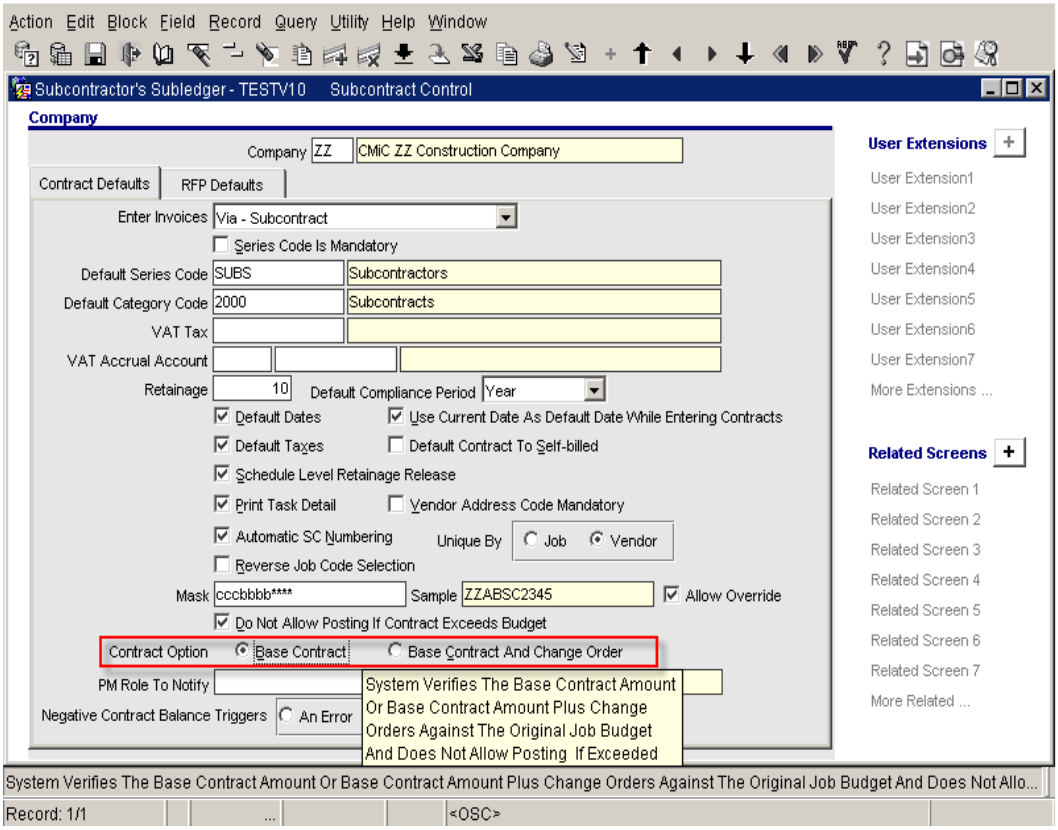
Complete distribution means that the registered invoice must have the contract defined and has a schedule of values. For example, In Imaging when the user enters the registered invoice and then links it with the contract, enters the schedule of values and specify the %Complete or Current Amount, when this registered invoice is pulled into the RFP screen, the system does not complain for the user to enter the contract and schedule of values.

On the other hand, if there is no contract and schedule of values the system will complain because it does not have any schedule of values defined yet and these registered invoices cannot be selected in multi select.

This is only applicable to the multi-select option.

If the user selects only one registered invoice the system will allow it to be pulled in and does not matter if it has complete distribution or not.

Subcontract Plus Change Orders Not to Exceed Budget (10.47041)

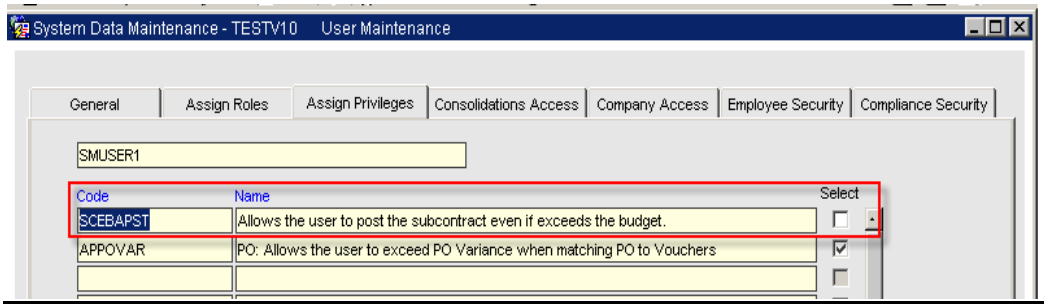


A new radio button option '**Contract Option**' has been added to the Subcontract Control file to indicate whether a subcontract (base) or subcontract (base) plus its change orders can exceed the value of the current job cost "Cost" budget.

The option is available only if the flag '**Do Not Allow Posting If Contract Exceeds Budget**' is checked.

If the flag is checked then the subcontract/subcontract change orders posting routine verifies that the dollar amount of the purchase plus all other existing commitments is not larger than the current budget for the phase/category combination . This will be verified on every line within the SC or SC Change Order.

NOTE: If the flag is checked but the current user has the user privilege '**Allows the user to post the subcontract even if exceeds the budget**' (see screenshot below), then the privilege overrides the control file setting.



Surety 2000 Import (10.48783)

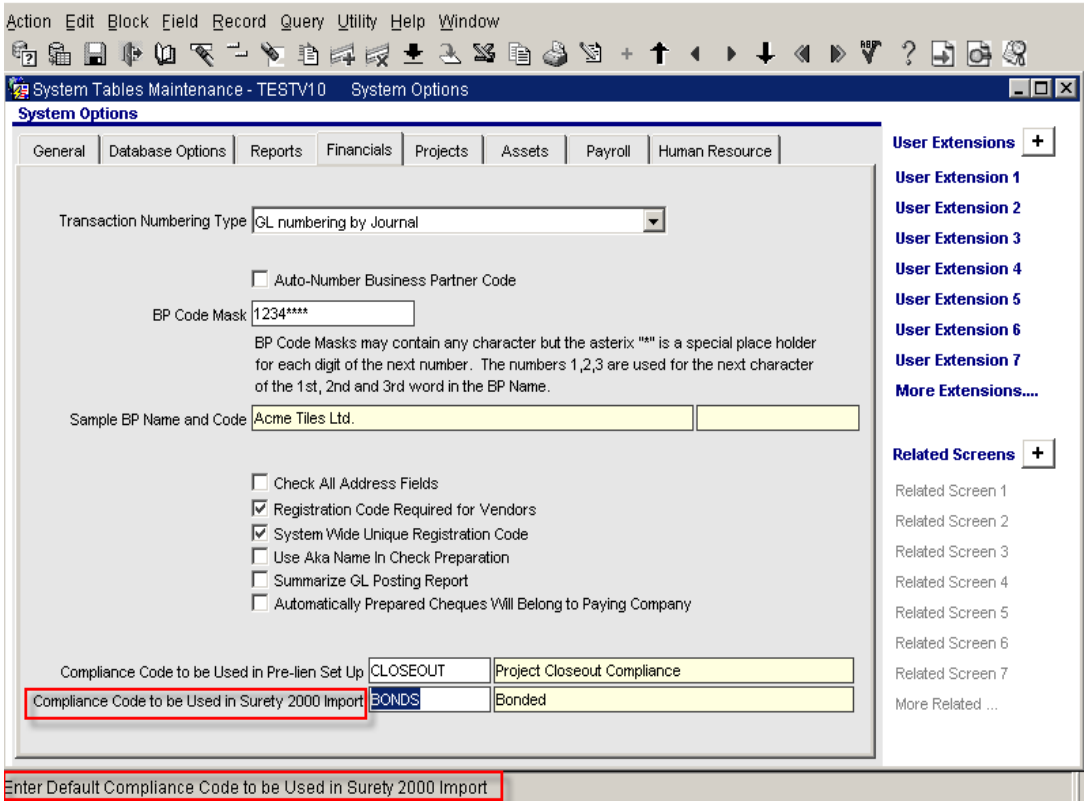
Added a new utility program (Surety 2000 Import) for importing Certificate statuses and expiry dates, and updating them for a particular compliance code, the value of which is set in the Systems Options-Financials tab. The setup and process is outlined below.

This interface will update a single compliance code within CMiC Enterprise. The data in Surety 2000 is keyed by Federal ID# which is the Tax Registration Number on the Business Partner table. Contracts and vouchers having this compliance code will be updated based on the matching of the Tax Registration Number on the vendor, and if the vendor has a contract on the job indicated.

Summary of Changes

1. Systems Option

The compliance code to be updated is set in the Systems Options – Financials screen:



2. Subcontract Management – Utility

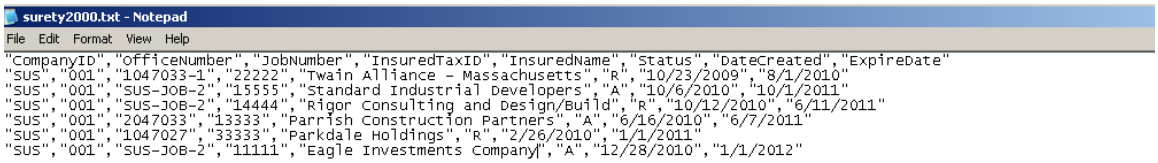
The new import program for the Surety 2000 Import is accessed from the Utilities menu of the Subcontract Management module:

The data fields required for the import are shown below:

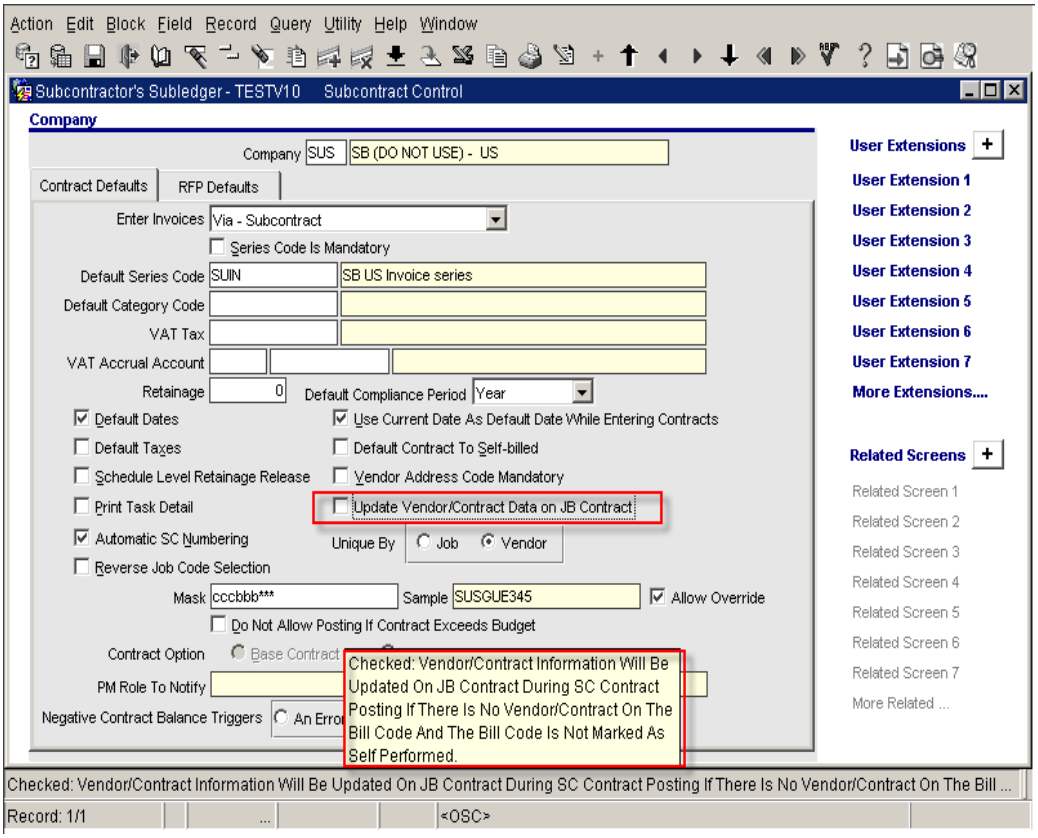
- Company ID
- Office Number
- Job Number
- Insured Tax ID (vendor tax registration number)

- Insured Name (vendor name)
- Status
- Date Created
- Expiry Date

A sample print of input (.txt) is shown:



Updating JB Contract With Vendor/Subcontract On Posting SC (10.48764)

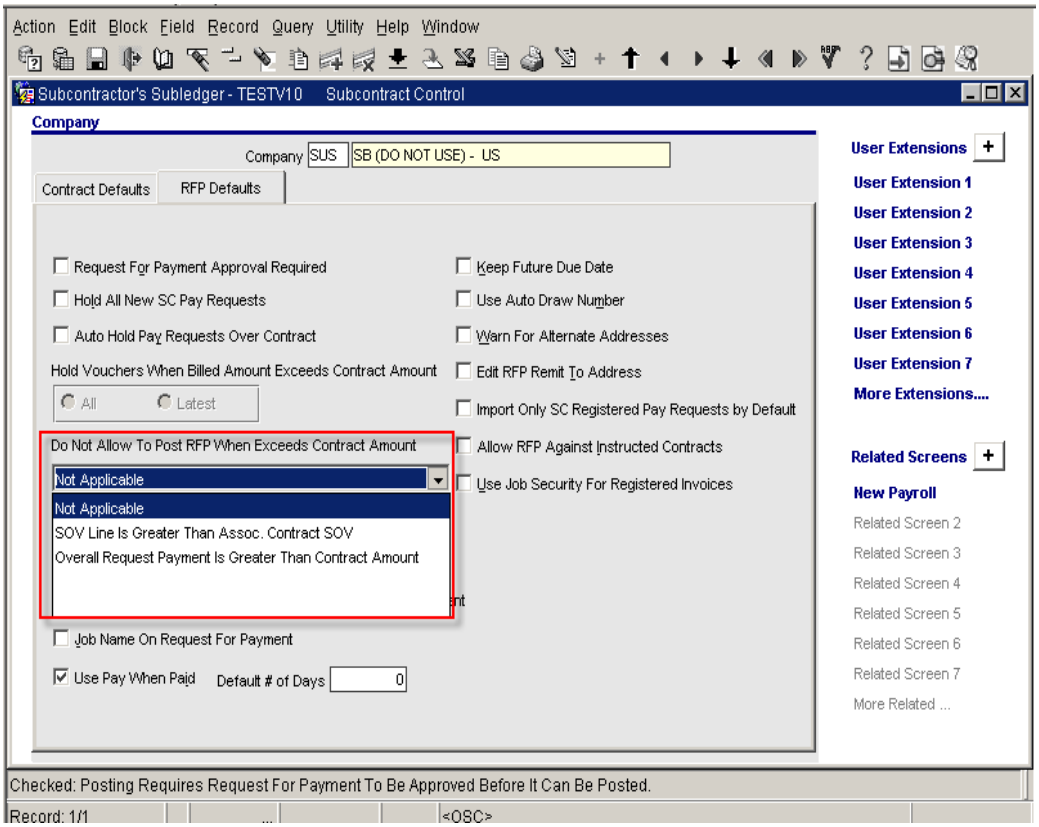


Added the flag '**Update Vendor/Contract Data on JB Contract**' to the Subcontract Control. By default, the flag is un-checked. When checked, vendor/contract information will be updated on the Job Billing contract during subcontract posting, if there is no vendor/contract on the bill code and the bill code is not marked as 'Self Performed'.

When a subcontract is posted, the posting routine will look to see if there is a JB Contract Line with the same Job/Phase/Cat - if there is it will update the contract line with the Vendor and Subcontract Number.

NOTE: This feature will only work correctly as long as there is a one to one relationship between the billing code and the job/phase/category and there is a unique job/phase category for every vendor/contract.

Subcontract RFP: Restrict Posting in Excess of Contract – (11.55809)



Added a new option: '**Do Not Allow To Post RFP When Exceeds Contract Amount**' to the SC Control file. It controls whether a Request for Payment can be posted if it is over the Contract Amount. This new field has three options:

- Not Applicable - default value and pre-existing functionality before this change
- Any SOV line is greater than the associated Contract SOV line
- Overall Pay Request is greater than the overall Contract Amount

Contractor Default Insurance Charges – Modified Design (11.57932)

OVERVIEW

The Job Costing and Subcontract applications are enhanced to allow the setup of CDI (Contractor Default Insurance) codes and calculate the CDI charges (cost) during subcontract posting. The CDI charges are based on commitments. These charges are actual costs and are being accounted for in the job budget.

IMPLEMENTATION

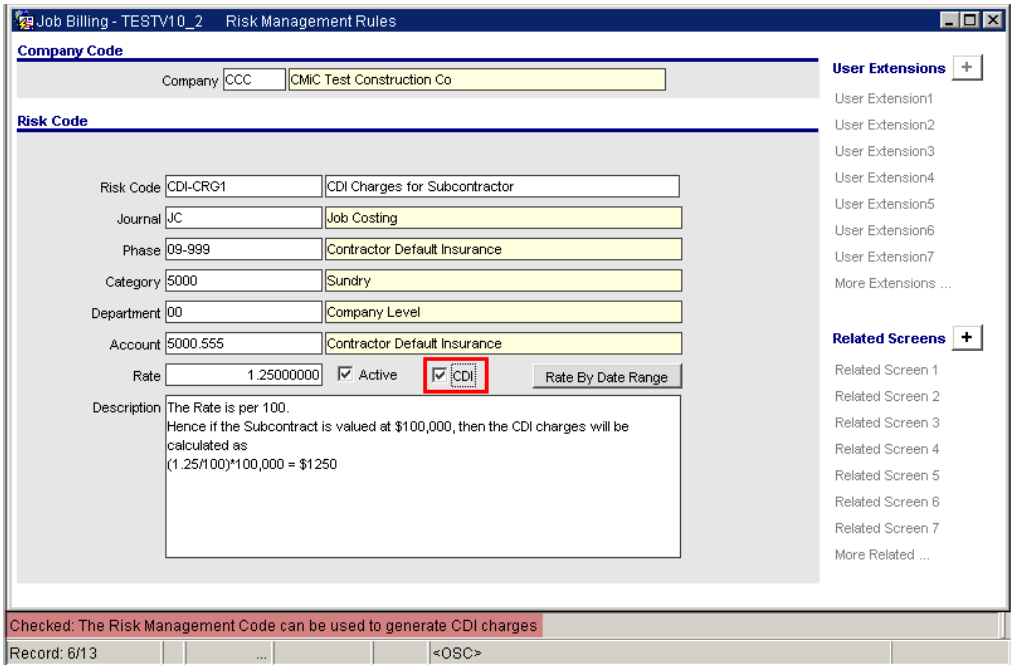
The setup and calculation of CDI will be based on Risk Management codes in job billing. The risk management codes flagged as 'CDI' codes for calculating the CDI costs may be assigned to jobs. Any subcontracts created

for the job may be flagged to create ‘CDI’ charges. Risk Management codes that are marked as ‘CDI’ codes will NOT be available in the job billing application for use. The CDI charges will be calculated and posted during subcontract posting. Modification to a subcontract SOV will also result in reversal and recalculation/recreation of the CDI charges, if any.

The Subcontract Entry forms, both SC & PM versions have been modified with a check box for specifying whether to calculate ‘CDI’ charges during posting or not.

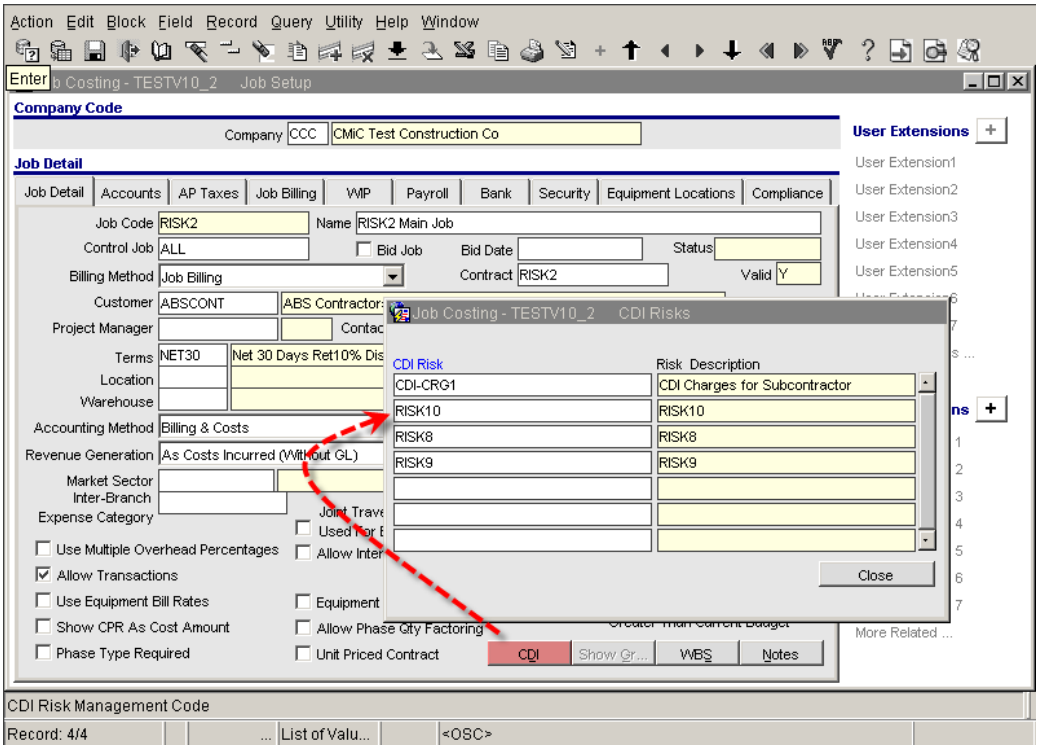
The following screen prints show the setup requirements and step by step processing of this functionality.

Risk Management Rules



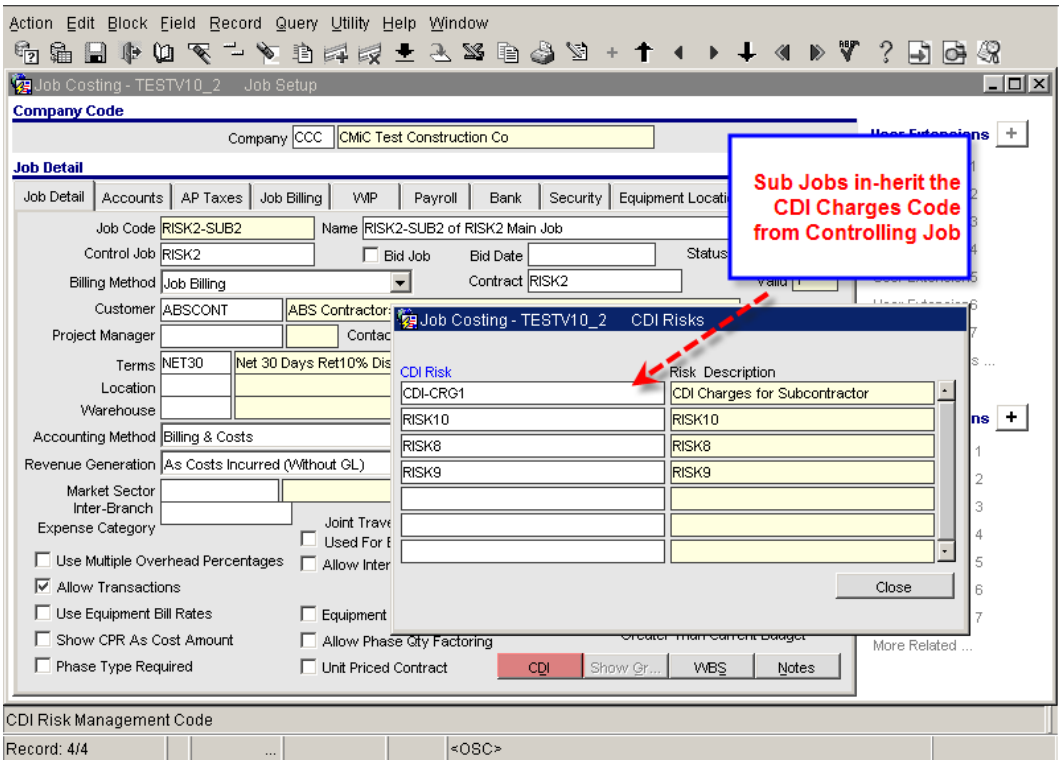
Users may define Risk Codes in Job Billing application and set the required rates. A new flag ‘CDI’ is added to the screen. Users may set the flag as ‘Y’ to make these available in Job Entry form. There are validations added to the form, that the flag value may not be updated when the code is already assigned to a billing contract as a risk code or assigned to a job as a CDI code.

Job Entry Form

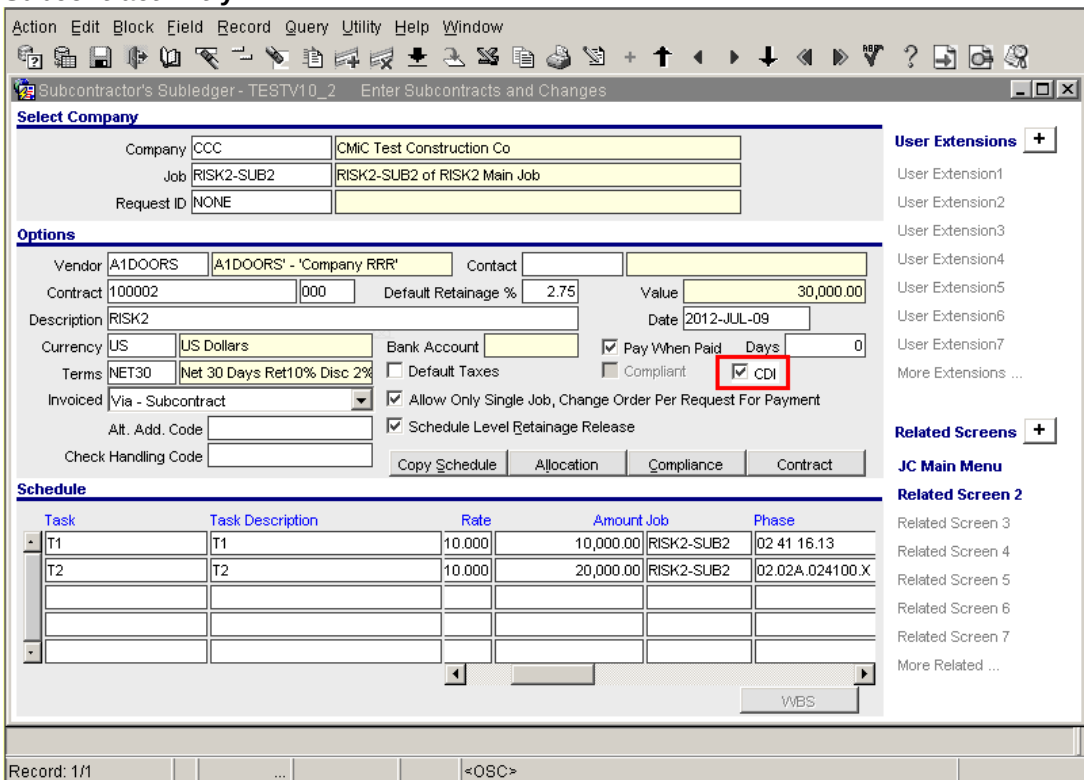


The job entry form is modified with an addition of a popup for assigning CDI codes against the job. This is accessible by pressing the ‘CDI’ button. Users may enter or select valid CDI codes from the LOV.

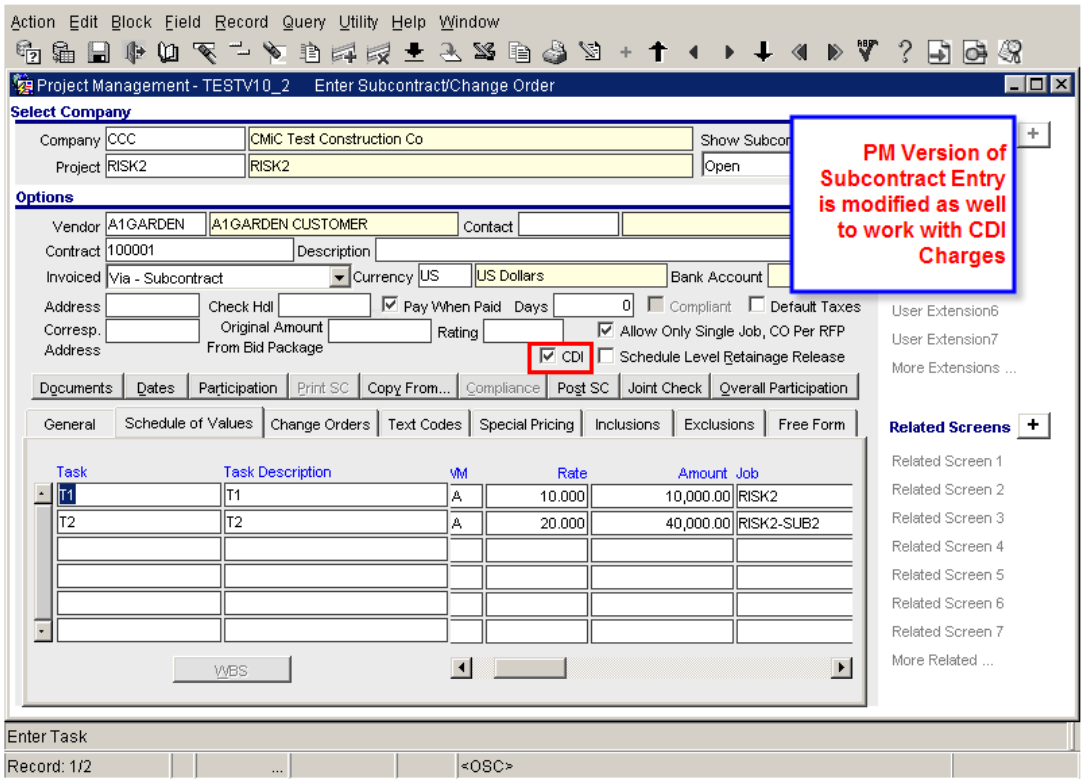
Users must note that, when subjobs are entered and upon pressing the CDI button, automatically inherits the CDI codes assigned to the controlling job. Users will not be allowed to delete these codes from the lower level jobs. If users add/remove the codes at controlling job level, then the same is updated at subjob level as well. Users may manually add additional codes to subjobs, if required.



Subcontract Entry



The Subcontract Entry is modified with the new flag ‘CDI’. At the time of contract entry, users may check to indicate that CDI charges will be created when posting the subcontract.



The PM Version form (pmscfm.fmx) is modified as well with the new flag ‘CDI’

Subcontract Posting

The posting of a subcontract, in addition to the existing reports of JC, GL and SC posting reports, creates an additional batch with a name ‘CDI Risk Management’ and prints the Cost postings as shown (JC & GL).

NOTE: When posting a subcontract with ‘CDI’ flag checked, the system produces two sets of reports.

1. The posting reports for CDI charges with a batch number and name description as ‘CDI Risk Management’
2. The standard subcontract posting reports with an unique batch number

CCC - CMiC Test Construction Co

JOB COSTING - JC POSTING REPORT

Page: 1 of 1
Date: 07/09/2012
Time: 12:08 PM

Co	T	Dept	Account	Job	Phase	Cat	Source Code	Reference Code	Ref Date	Post Date	Batch	Src	PO/SC	WM	Quantity	Amount
CCC	C	00	5200.100	RISK2-SUB2	02 41 16.13	5000	RISK9 100002-000	100002	07/09/2012	07/09/2012	6967	JC	100002 000	LS		95.89
CCC	C	00	5200.100	RISK2-SUB2	02 41 16.13	5000	RISK9 100002-000	100002	07/09/2012	07/09/2012	6967	JC	100002 000	LS		191.78
CCC	C	00	5200.100	RISK2-SUB2	02.02A.024100.>	4000	RISK10 100002-000	100002	07/09/2012	07/09/2012	6967	JC	100002 000	LS		150.00
CCC	C	00	5200.100	RISK2-SUB2	02.02A.024100.>	4000	RISK10 100002-000	100002	07/09/2012	07/09/2012	6967	JC	100002 000	LS		300.00
CCC	C	00	5200.100	RISK2-SUB2	03 30 00	4000	RISK8 100002-000	100002	07/09/2012	07/09/2012	6967	JC	100002 000	LS		82.65
CCC	C	00	5200.100	RISK2-SUB2	03 30 00	4000	RISK8 100002-000	100002	07/09/2012	07/09/2012	6967	JC	100002 000	LS		165.31
CCC	C	00	5200.100	RISK2-SUB2	09-999	5000	CDI-CRG1 100002-000	100002	07/09/2012	07/09/2012	6967	JC	100002 000	LS		125.00
CCC	C	00	5200.100	RISK2-SUB2	09-999	5000	CDI-CRG1 100002-000	100002	07/09/2012	07/09/2012	6967	JC	100002 000	LS		250.00
															Total for Job RISK2-SUB2	1,360.63
															Total for Company CCC	1,360.63
															Total for Currency US	1,360.63

CDI Codes are defined at Job Level. Hence, for every schedule line of the subcontract, there will be as many CDI charges defined at job level will be posted

END OF REPORT

Report Parameters

Batch Number:	6967	Run Date:	07/09/2012
Report Code:	JC705	Run Time:	12:08 PM
Posted with Overheads:		Operator:	RAVI

CCC - CMiC Test Construction Co

Page: 1 of 2
Date: 07/09/2012
Time: 02:25 PM

GENERAL LEDGER POSTING REPORT

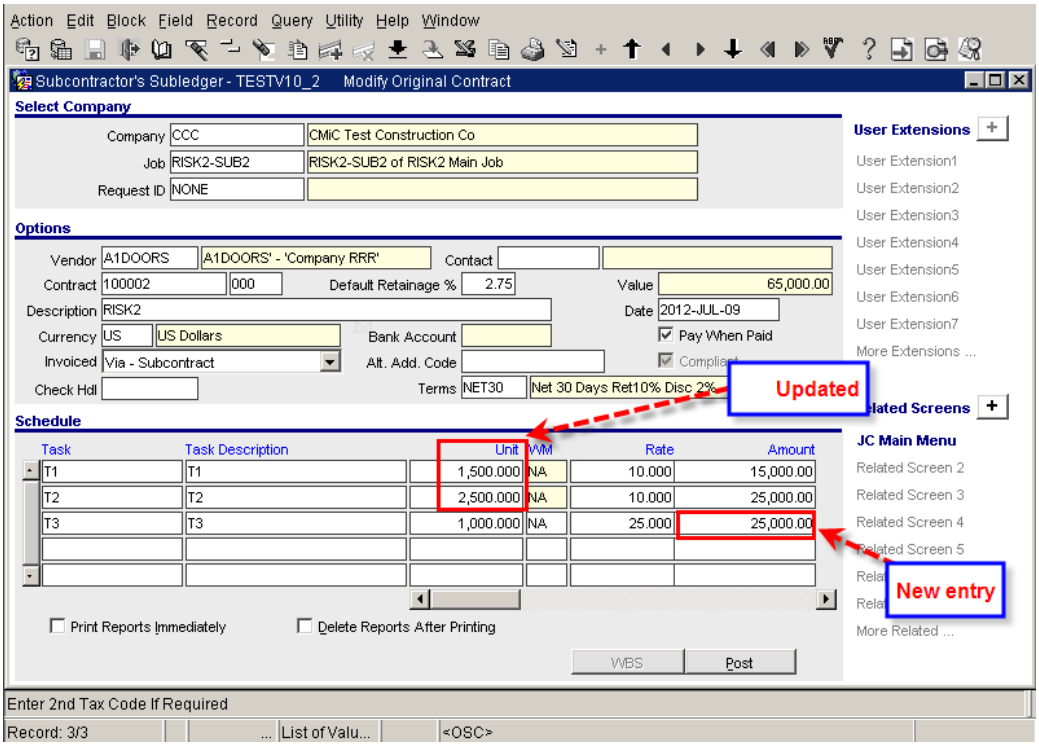
Dept	Account	Account Name	Post Date	Source	Reference	Debit Amount	Credit Amount	Exchg Amount	Curr	Rate
Company CCC CMiC Test Construction Co				Currency US						
00	5000.108	AP Expense/WIP	07/09/2012	RISK10	100002	0.00	300.00	-300.00	US	1.0000
00	5000.108	AP Expense/WIP	07/09/2012	RISK10	100002	0.00	150.00	-150.00	US	1.0000
00	5000.555	Contractor Default Insurance	07/09/2012	CDI-CRG1	100002	0.00	250.00	-250.00	US	1.0000
00	5000.555	Contractor Default Insurance	07/09/2012	RISK9	100002	0.00	191.78	-191.78	US	1.0000
00	5000.555	Contractor Default Insurance	07/09/2012	CDI-CRG1	100002	0.00	125.00	-125.00	US	1.0000
00	5000.555	Contractor Default Insurance	07/09/2012	RISK9	100002	0.00	95.89	-95.89	US	1.0000
00	5000.555	Contractor Default Insurance	07/09/2012	RISK8	100002	0.00	165.31	-165.31	US	1.0000
00	5000.555	Contractor Default Insurance	07/09/2012	RISK8	100002	0.00	82.65	-82.65	US	1.0000
00	5200.100	Job Cost Expenses	07/09/2012	RISK8	100002	82.65	0.00	82.65	US	1.0000
00	5200.100	Job Cost Expenses	07/09/2012	RISK9	100002	95.89	0.00	95.89	US	1.0000
00	5200.100	Job Cost Expenses	07/09/2012	RISK8	100002	165.31	0.00	165.31	US	1.0000
00	5200.100	Job Cost Expenses	07/09/2012	RISK9	100002	191.78	0.00	191.78	US	1.0000
00	5200.100	Job Cost Expenses	07/09/2012	CDI-CRG1	100002	125.00	0.00	125.00	US	1.0000
00	5200.100	Job Cost Expenses	07/09/2012	RISK10	100002	300.00	0.00	300.00	US	1.0000
00	5200.100	Job Cost Expenses	07/09/2012	CDI-CRG1	100002	250.00	0.00	250.00	US	1.0000
00	5200.100	Job Cost Expenses	07/09/2012	RISK10	100002	150.00	0.00	150.00	US	1.0000
				Total for Company CCC		1,360.63	1,360.63	Balance 0.00		
				Total for Currency US		1,360.63	1,360.63	Balance 0.00		
							Total Batch Balance 0.00			

Posting Change Orders

Change orders with new ‘Task’ lines, when posted would create the additional Risk cost and will be posted to the JC and GL. Users must be aware that the base subcontract with change code ‘000’, if checked with the ‘CDI’ code, then all the subcontract changes will be using this value and post the charges. Users will not be allowed to update the flag value at change order level.

NOTE: CDI flag may be set to ‘Y’ for base contracts only. Any subsequent change orders automatically inherit the ‘CDI’ value and users are not allowed to update.

Modify Original Contract Utility



The 'Modify Original Contract Utility' is modified to post CDI charges depending on the flag setting at the subcontract level. It may be noted that the previous posting of each of the affected lines are reversed before creating new charges

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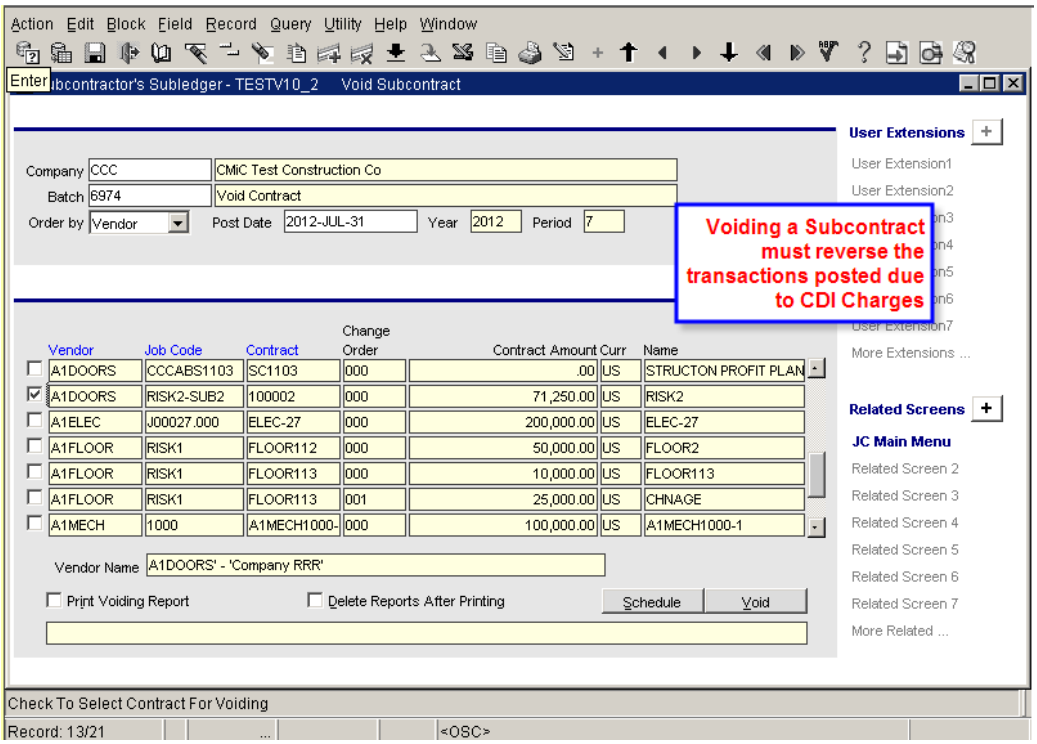
JOB COSTING - JC POSTING REPORT

Page: 1 of 2
Date: 07/09/2012
Time: 02:35 PM

Co	T	Dept	Account	Job	Phase	Cat	Source Code	Reference Code	Ref Date	Post Date	Batch	Src	PO/SC	WM	Quantity	Amount
CCC	C	00	5200.100	RISK2-SUB2	02 41 16.13	5000	RISK9	100002	07/09/2012	07/09/2012	6970	JC	100002 000	LS		239.72
							100002-000									
CCC	C	00	5200.100	RISK2-SUB2	02 41 16.13	5000	RISK9	100002	07/09/2012	07/09/2012	6970	JC	100002 000	LS		239.72
							100002-000									
CCC	C	00	5200.100	RISK2-SUB2	02 41 16.13	5000	RISK9	100002	07/09/2012	07/09/2012	6970	JC	100002 000	LS		-191.78
							100002-000									
CCC	C	00	5200.100	RISK2-SUB2	02 41 16.13	5000	RISK9	100002	07/09/2012	07/09/2012	6970	JC	100002 000	LS		-95.89
							100002-000									
CCC	C	00	5200.100	RISK2-SUB2	02 41 16.13	5000	RISK9	100002	07/09/2012	07/09/2012	6970	JC	100002 000	LS		143.83
							100002-000									
CCC	C	00	5200.100	RISK2-SUB2	02.02A.024100.>	4000	RISK10	100002	07/09/2012	07/09/2012	6970	JC	100002 000	LS		225.00
							100002-000									
CCC	C	00	5200.100	RISK2-SUB2	02.02A.024100.>	4000	RISK10	100002	07/09/2012	07/09/2012	6970	JC	100002 000	LS		-300.00
							100002-000									
CCC	C	00	5200.100	RISK2-SUB2	02.02A.024100.>	4000	RISK10	100002	07/09/2012	07/09/2012	6970	JC	100002 000	LS		-150.00
							100002-000									
CCC	C	00	5200.100	RISK2-SUB2	02.02A.024100.>	4000	RISK10	100002	07/09/2012	07/09/2012	6970	JC	100002 000	LS		375.00
							100002-000									
CCC	C	00	5200.100	RISK2-SUB2	02.02A.024100.>	4000	RISK10	100002	07/09/2012	07/09/2012	6970	JC	100002 000	LS		375.00
							100002-000									
CCC	C	00	5200.100	RISK2-SUB2	03 30 00	4000	RISK8	100002	07/09/2012	07/09/2012	6970	JC	100002 000	LS		123.98
							100002-000									
CCC	C	00	5200.100	RISK2-SUB2	03 30 00	4000	RISK8	100002	07/09/2012	07/09/2012	6970	JC	100002 000	LS		-165.31
							100002-000									
CCC	C	00	5200.100	RISK2-SUB2	03 30 00	4000	RISK8	100002	07/09/2012	07/09/2012	6970	JC	100002 000	LS		-82.65
							100002-000									
CCC	C	00	5200.100	RISK2-SUB2	03 30 00	4000	RISK8	100002	07/09/2012	07/09/2012	6970	JC	100002 000	LS		206.64
							100002-000									
CCC	C	00	5200.100	RISK2-SUB2	03 30 00	4000	RISK8	100002	07/09/2012	07/09/2012	6970	JC	100002 000	LS		206.64
							100002-000									
CCC	C	00	5200.100	RISK2-SUB2	09-999	5000	CDI-CRG1	100002	07/09/2012	07/09/2012	6970	JC	100002 000	LS		187.50
							100002-000									
CCC	C	00	5200.100	RISK2-SUB2	09-999	5000	CDI-CRG1	100002	07/09/2012	07/09/2012	6970	JC	100002 000	LS		312.50
							100002-000									
CCC	C	00	5200.100	RISK2-SUB2	09-999	5000	CDI-CRG1	100002	07/09/2012	07/09/2012	6970	JC	100002 000	LS		-250.00

Subcontract Void



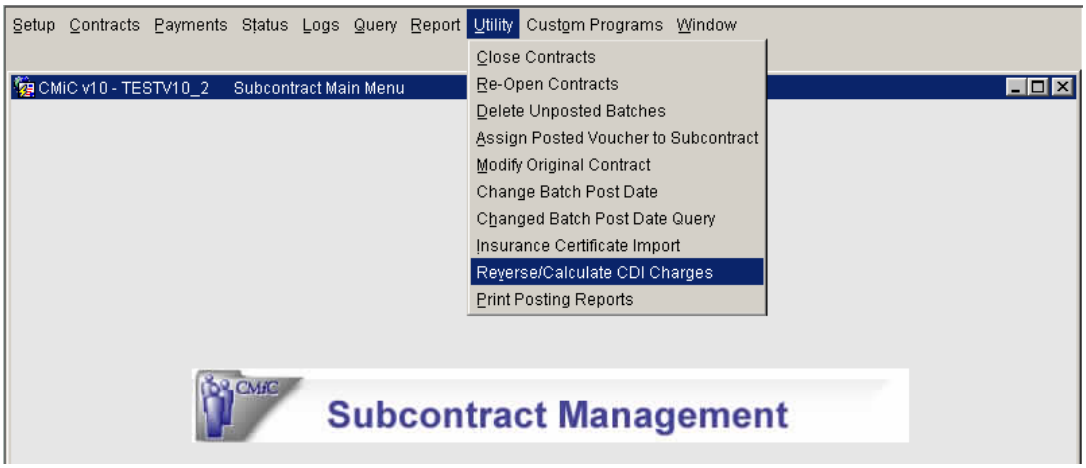
Summary of Changes:

1. Added CDI flag to Risk Management Rule maintenance form, to identify a CDI Risk code. Once a Risk is defined as CDI, it cannot be associated with job billing contract. Once a Risk is defined as CDI code, it cannot be reversed to a non-CDI risk or deleted if CDI charges were already created using this code. If CDI charges were not created but the CDI risk was linked to a job (via Job Entry /CDI button) then, a message pops up, if the link to job needs removed as well.
2. Added restriction to Job Billing Contract Entry not to allow the selection of risks that are CDI risks.
3. Added a CDI button to Job Entry screen which will associate a job with a CDI risk. When a risk is added/removed at control job level, the same action flows through to the subjobs as well. When creating a subjob and CDI button is pressed, all the risks associated with the control job will be inherited by the sub-job. Users are not allowed to delete /update the CDI risk at the subjob level if it was inherited from the ctrl job. When deleting a risk at the ctrl job, the same risk will be removed from the sub-jobs.
4. Added CDI flag on SC entry screen from SC and PM. This may be checked/unchecked for base contract only and any subcontract changes will inherit the setting from the base contract and may not be changed.
5. CDI charges will be created when SC is posted, if, SC has CDI flag checked. Schedule Line job has a CDI Risk associated with it. The CDI associated risk must be active and has the rule defined phase/category as part of the job phase/category of the schedule line job.
6. When voiding a SC, all the CDI charges if any) will be reversed.
7. Modify original contract will reverse and recreate the CDI charges.

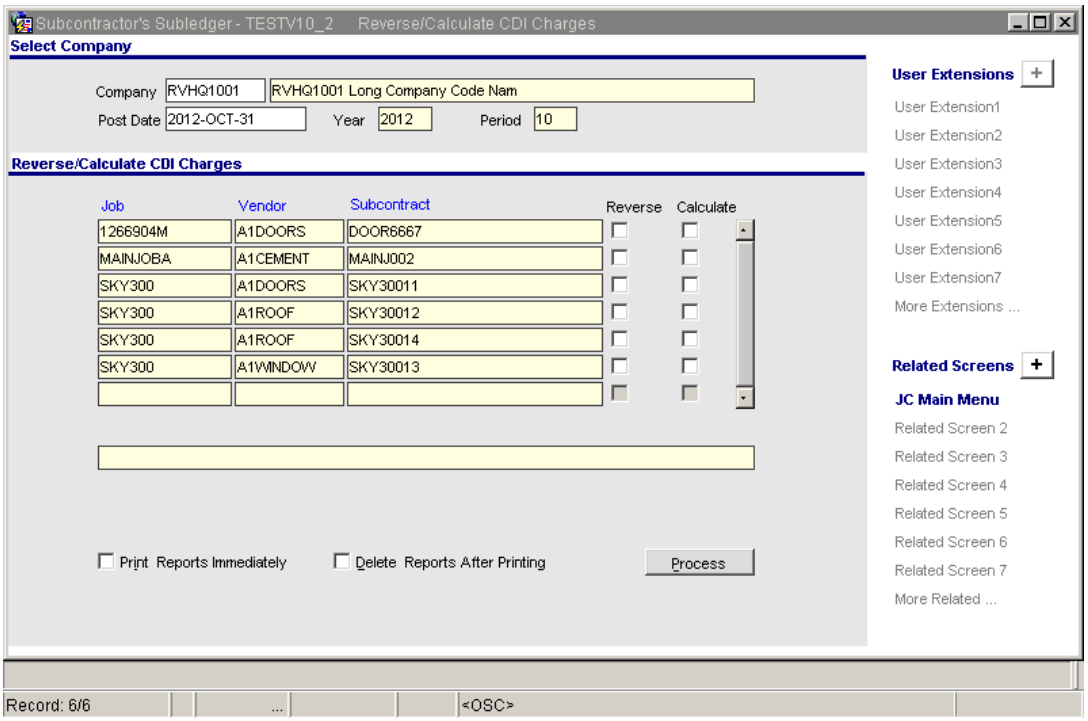
NOTE: Currently the functionality is available in Forms Version only.

The Subcontracts entered from PMJSP or ADF screens will not have the CDI flag and hence, no CDI charges created.

CDI Charges – Reverse/Calculate Utility (11.57932)



A utility to reverse previously posted CDI charges or calculate new charges is added to the SC application, which is located under the 'Utility' menu. This utility adds the ability to reverse the posted charges altogether and or calculate the charges due to changes to the CDI codes to the job/subcontract



The program has Company block in the header and subcontract list in the details.

Company

Enter or Select a required company code from the LOV. The company security applies to the list.

Post Date

Enter or select the post date using the calendar popup. The post date will be validated for open periods similar to any other posting program in the system.

Reverse/Calculate CDI charges

The list includes columns for job, vendor, subcontract and is limited to jobs & subcontracts using CDI (Contractor Default Insurance) functionality.

Reverse Check box

The 'Reverse' check box is enabled when posted CDI charges exist for the job/ subcontract. Users may select a row by checking the flag

Calculate Check Box

'Calculate' check box is enabled for all the records in the list. Users are not allowed to select both 'Reverse' and 'Calculate' check boxes at the same time. Selecting this option means, reversing any previously posted cdi charges and then calculating/posting new cdi charges.

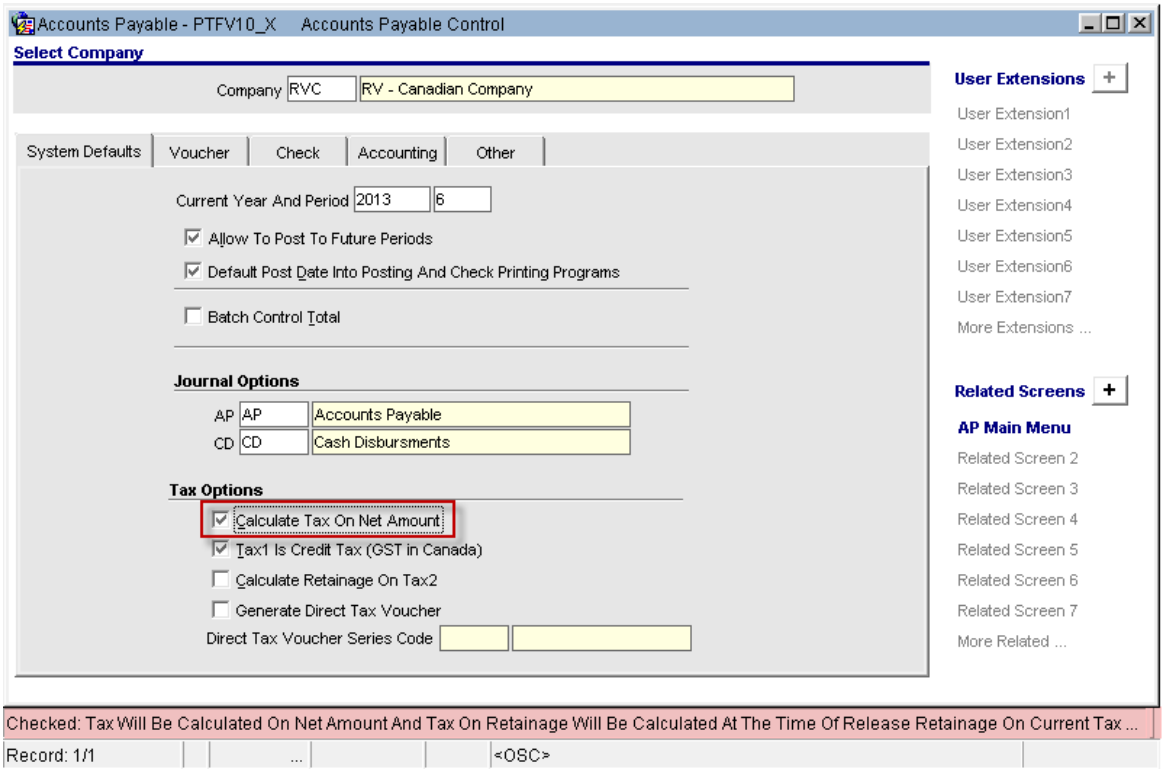
Process

The 'process' button when pressed , posts the CDI charges to JC & GL and reports may be printed to verify the same. The posting reports will be available in JC application for re-printing, if required.

NOTE:

Validation messages will popup when trying to select a subcontract for a job that does not allow transactions. Also, when one or more phases or categories are 'inactive', users will not be allowed to select the record and a message will be issued.

Calculate Tax on Net Amount (Less of Retention)(12.70966)



The AP/SC applications now allow users to calculate tax on Net Amount less of retention/holdback amount. Upon releasing the retention/holdback, the tax will be calculated at the prevailing tax percentage.

The following are some notable points in this modification.

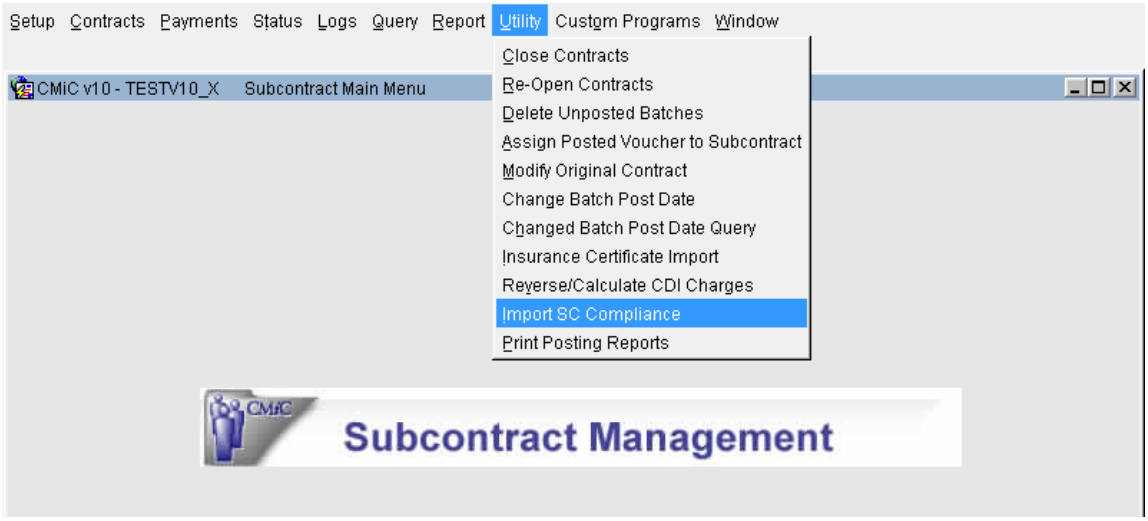
1. AP Control modified with an additional flag 'Calculate Tax on Net Amount'
2. Registry/Voucher/Memo/Recurring Voucher entry forms and the voucher creation packages are modified to calculate tax on the net amount and during release of the retention, the tax will be calculated on the release amount.
3. SC Contract Entry and PM Contract entry forms modified to default the AP Control flag value.
4. When selected, the contract level retainage release functionality will NOT be allowed for the specific subcontract.
5. Pay Request Entry is modified to calculate taxes only on Net amount.
6. This modification is for Credit taxes / non-credit taxes both used by Canadian clients, who may prefer to post the taxes only on net amount and upon release calculate the taxes on the retention release amount.
7. During the retainage release, voucher entry would allow the selection of invoices with only same type of taxes.
8. PMJSP Subcontract Entry - Not applicable at this time.
9. Registered invoices from Imaging - Not applicable at this time. (or NOT tested)
10. MS Truckers Payroll / AP Rental Equipment invoice / MS Internal / External material invoice programs are NOT modified/tested at this time.
11. Purchase Order distribution form (APPOPICK.fmx) is NOT considered for this modification. The distribution will always have taxes calculated on the Gross amount.

SC Insurance Compliance Import Utility (13.76341)

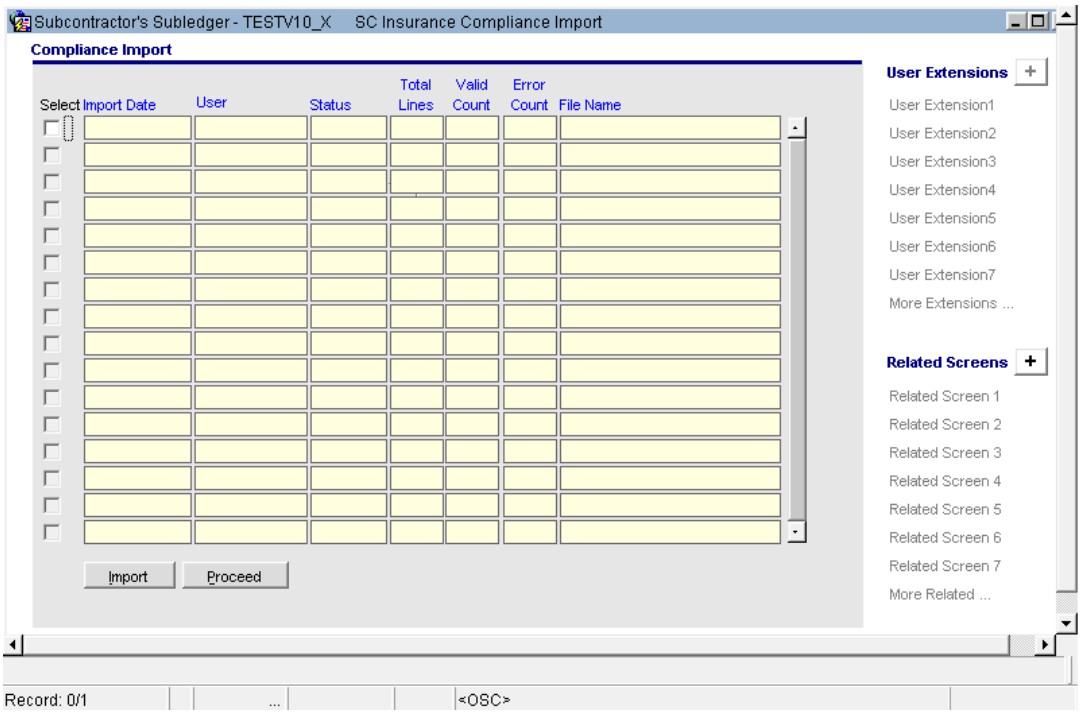
A standard Import Utility program is added to the Subcontract Management System. This allows users to import Insurance Compliance records into the Subcontracts directly with the ability to either insert the records or perform only an update of the existing records.

This functionality is extended to insert/update the compliance records of Purchase Orders as well.

Modifications:



The SC Menu is modified with the addition of a submenu 'Import SC Compliance'. When invoked, opens the 'Compliance Import ' Screen as shown below.



The Compliance Import Screen has a log view to show already imported records which reside in an intermediate staging table. The users may perform two actions at this point.

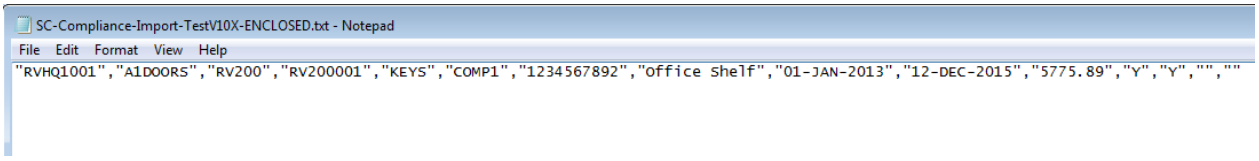
1. Click on '**Import**' button to start the process of importing an ASCII file from a local/network source.
2. Select a record by check box on the left, and click 'Proceed' to process already imported files.

Import File Layout:

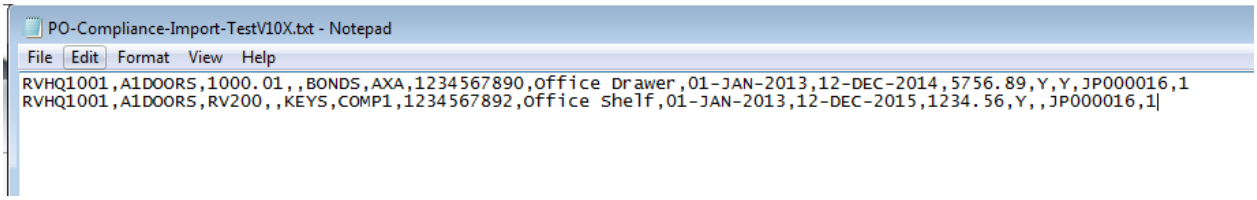
The Import ASCII file must conform to the following layout with fields terminated by comma(,) and optionally enclosed within double quotes ("")

SCIC_COMP_CODE	VARCHAR2 (8)
SCIC_VEN_CODE	VARCHAR2 (8)
SCIC_SC_JOB_CODE	VARCHAR2 (10)
SCIC_SC_CONT_CODE	VARCHAR2 (20)
SCIC_COVER_TYPE_CODE	VARCHAR2 (8)
SCIC_INSCOMP_CODE	VARCHAR2 (5)
SCIC_CERT_NUM	VARCHAR2(30)
SCIC_CERT_LOC	VARCHAR2(30)
SCIC_START_DATE DATE	DD-MON-YYYY
SCIC_END_DATE DATE	DD-MON-YYYY
SCIC_AMT	NUMBER (18,2)
SCIC_COMPLIANCE_FLAG	VARCHAR2 (1)
SCIC_DATE_COMPLIANCE_FLAG	VARCHAR2 (1)
SCIC_PO_NUM	VARCHAR2 (11)
SCIC_PO_RELEASE_NUM	VARCHAR2 (11)

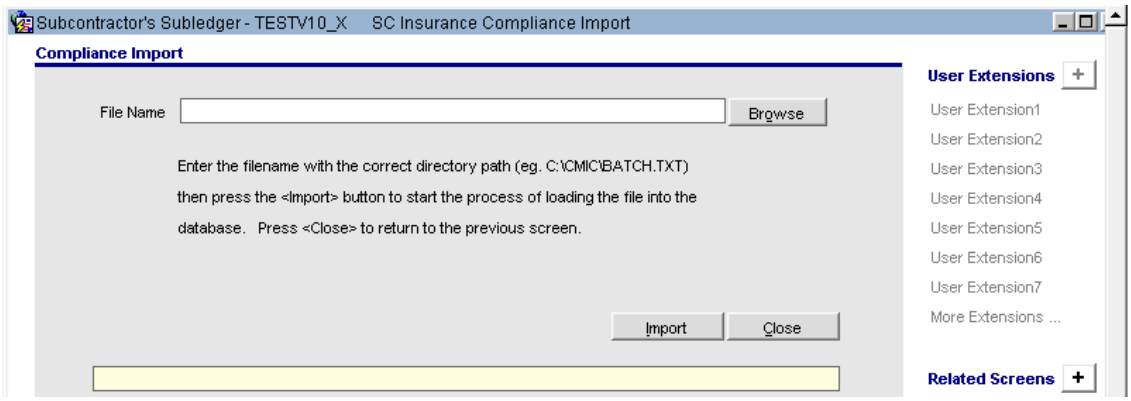
Sample Subcontract Compliance record in ASCII format:



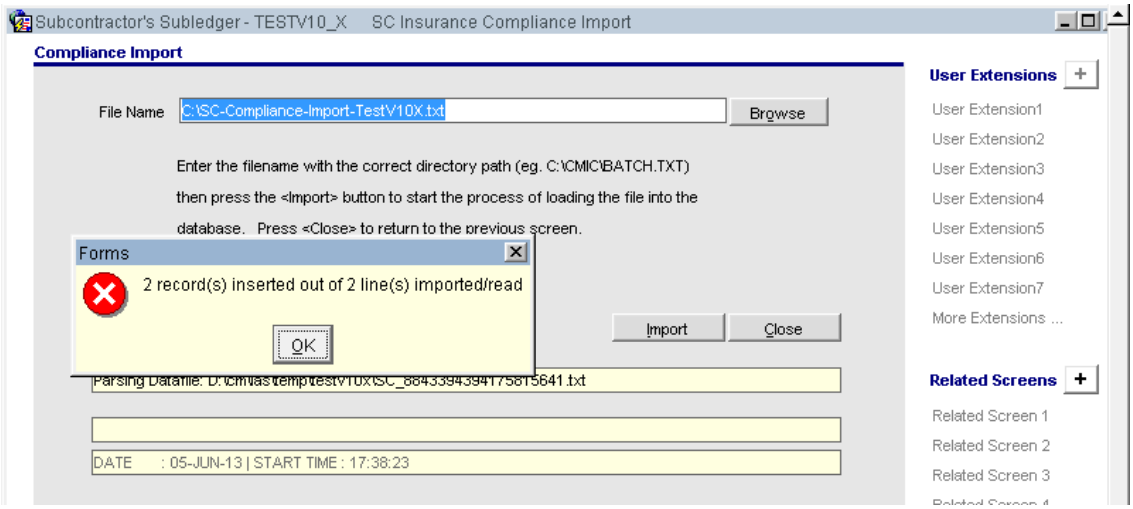
Sample Purchase Order Compliance record in ASCII format:



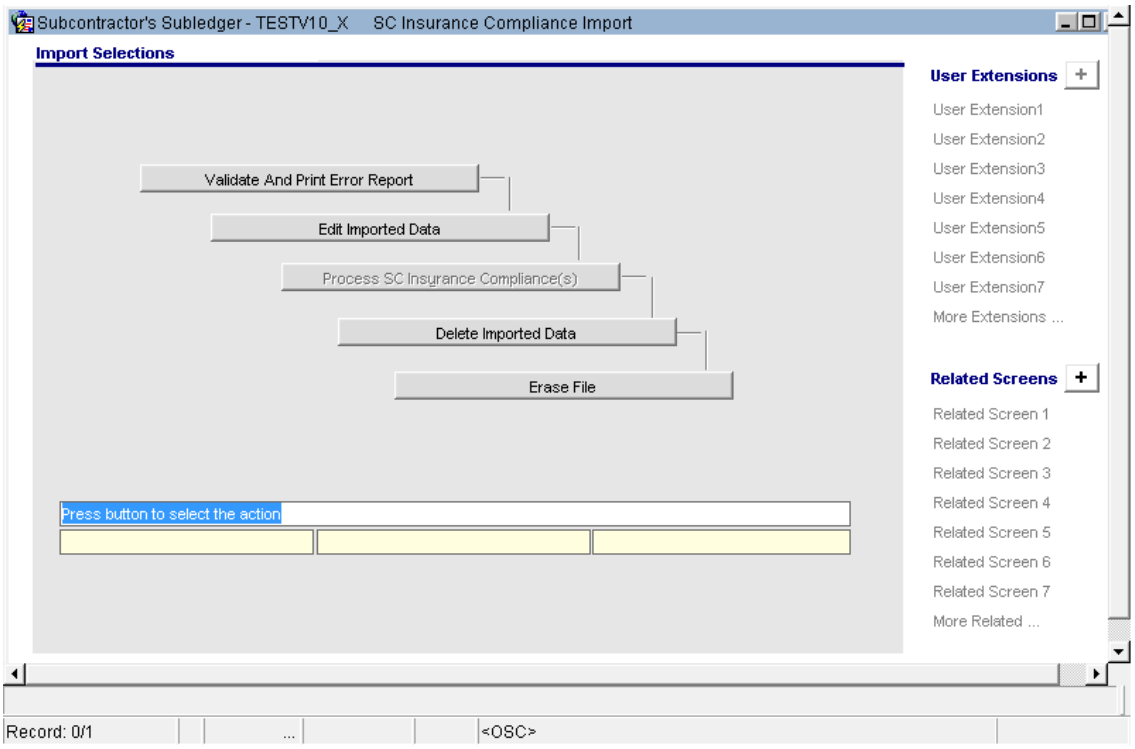
Import process:



When, [Import] button is pressed, the file import dialogue opens as shown.

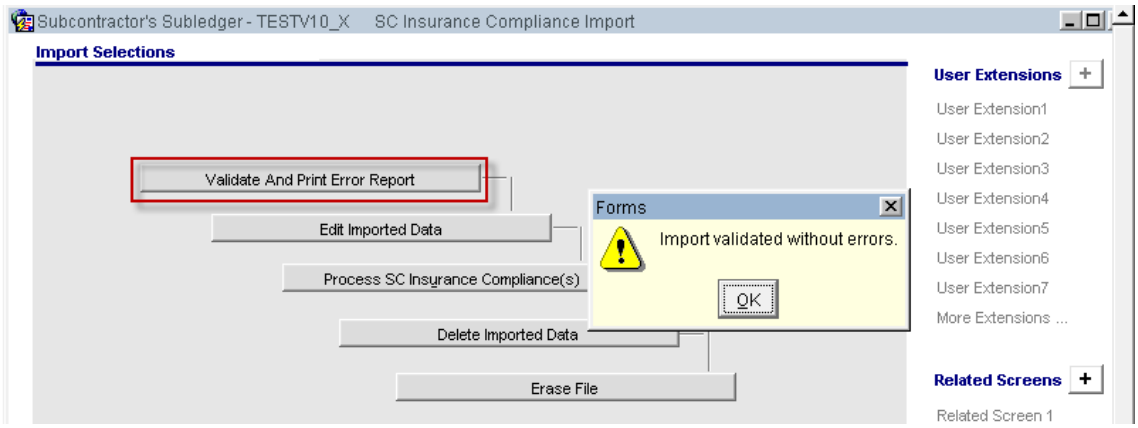


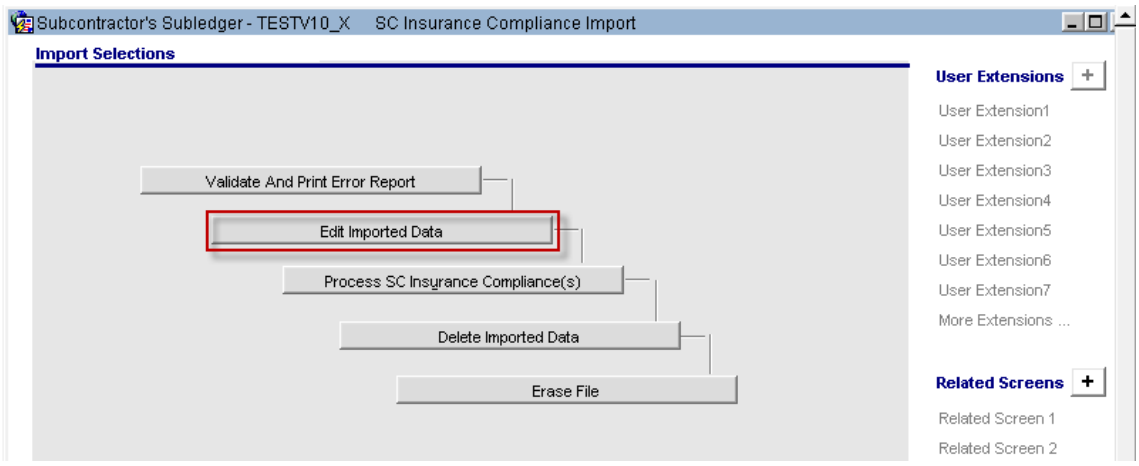
Users may browse and select the required ASCII file and click [Import] button, which successfully imports into a staging table and displays the message appropriately.



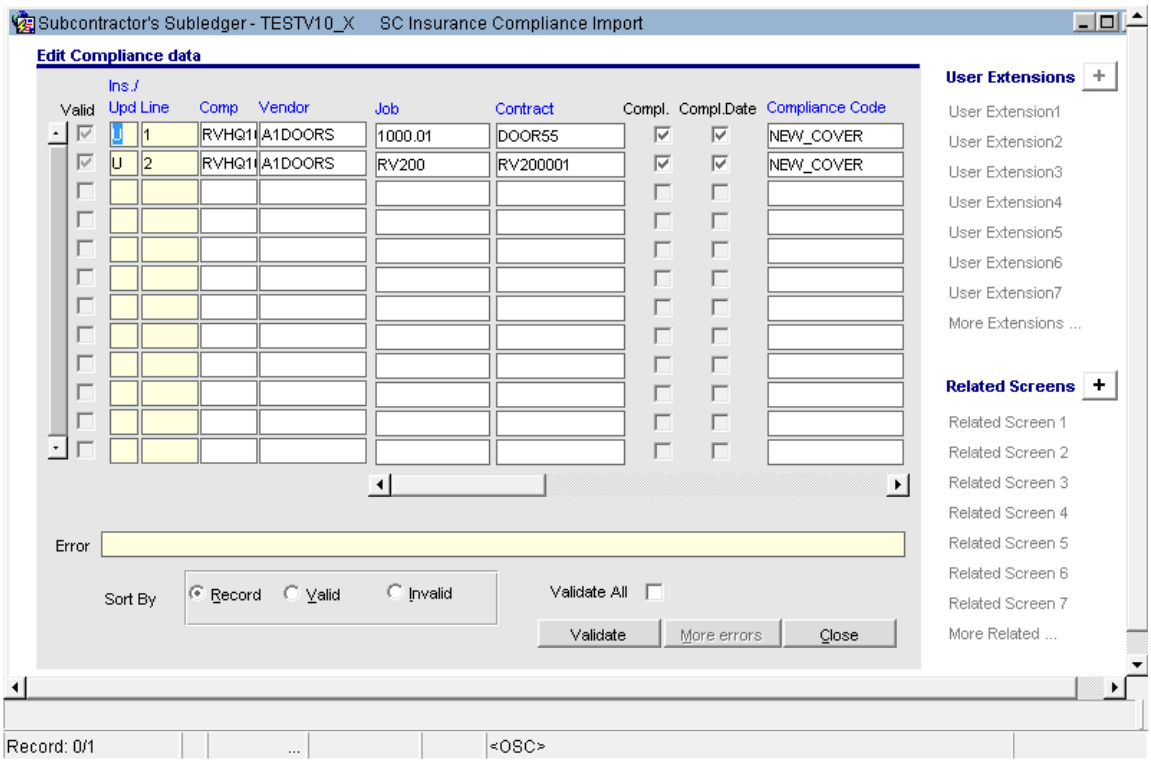
When users click 'OK' the Import process selection screen opens up and users may perform the following actions.

1. Validate And Print Error Report: When pressed, the program validates for each record in the imported file and validates and if errors found, generates an error report. If no errors found, then the 'Process SC Insurance…..' button is enabled
2. Edit Imported Data : Allows the users to 'edit' using a Validation screen
3. Process SC Insurance Compliance(s) : Enabled when the imported records have been validated successfully
4. Delete Imported Records: Allows to 'Delete' the imported data for whatever reason and allows them to start over.
5. Erase File: Allows the users to 'Erase' the import file from a local/network location.





The 'Edit' Imported Data option allows the users to review/update and re-validate one or more records. At this point, users have complete control of inserting new lines or deleting existing lines etc. In order to successfully import into CMiC tables such as the subcontract or purchase order masters, the records must be successfully validated.

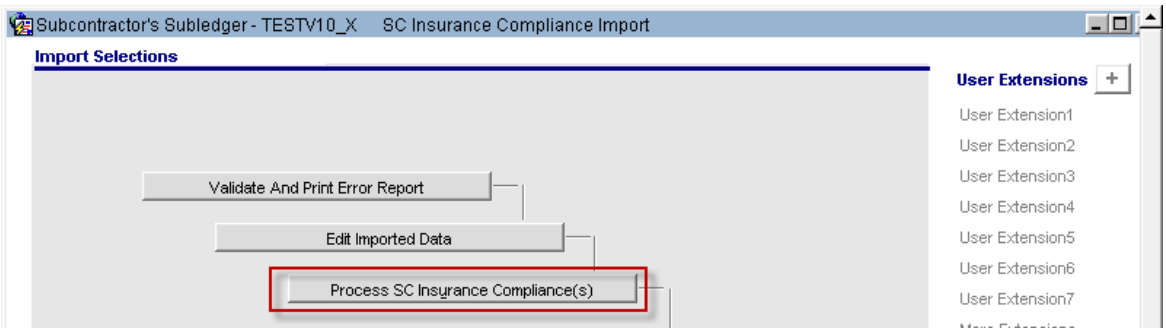


The 'Edit' screen is a standard CMiC import edit screen which allows users to insert/update/delete and revalidate the records. There is a 'more errors' popup, which shows the list of errors on a particular line. Once the records are successfully validated, the 'Valid' check box at the left is set as 'Y' by the program. The 'Insert/Update' column shows whether the compliance code is already inserted against the SC/PO and requires only an update (U), or if it is a brand new record, then displays as 'I'.

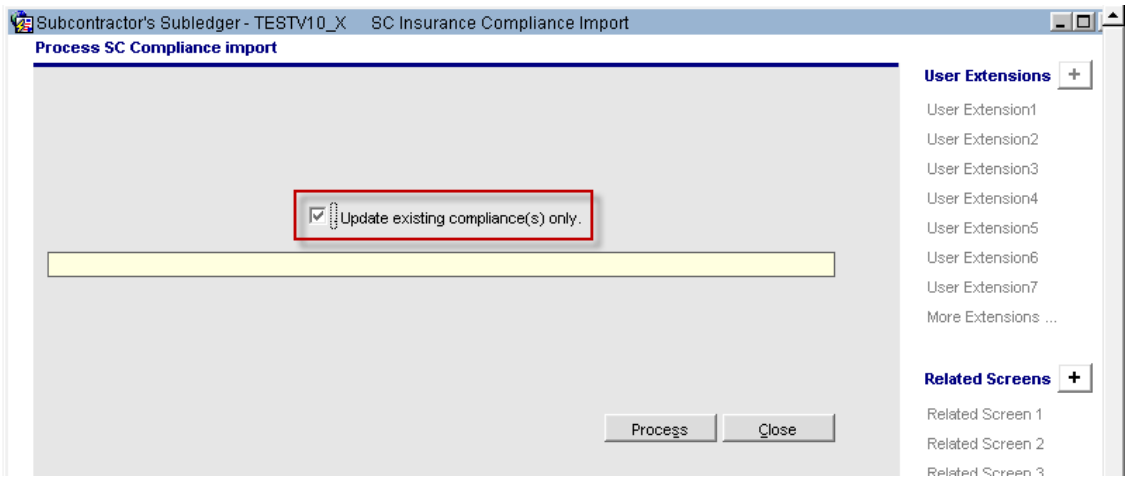
The following are the import columns in the Edit Screen:

Company Code	VARCHAR2 (8)

Vendor Code	VARCHAR2 (8)
Job Code	VARCHAR2 (10)
Contract Code	VARCHAR2 (20)
Compliance Flag	VARCHAR2 (1)
Date Compliance Flag	VARCHAR2 (1)
Compliance Code	VARCHAR2 (8)
Insurance Company Code	VARCHAR2 (5)
Certificate Number	VARCHAR2(30)
Certificate Location	VARCHAR2(30)
Start Date	DATE
End Date	DATE
Amount	Number (18,2)
Purchase Order Number	VARCHAR2 (11)
Purchase Order Release Number	VARCHAR2 (11)



Once successfully validated, users may click the 'Process SC …..' button.

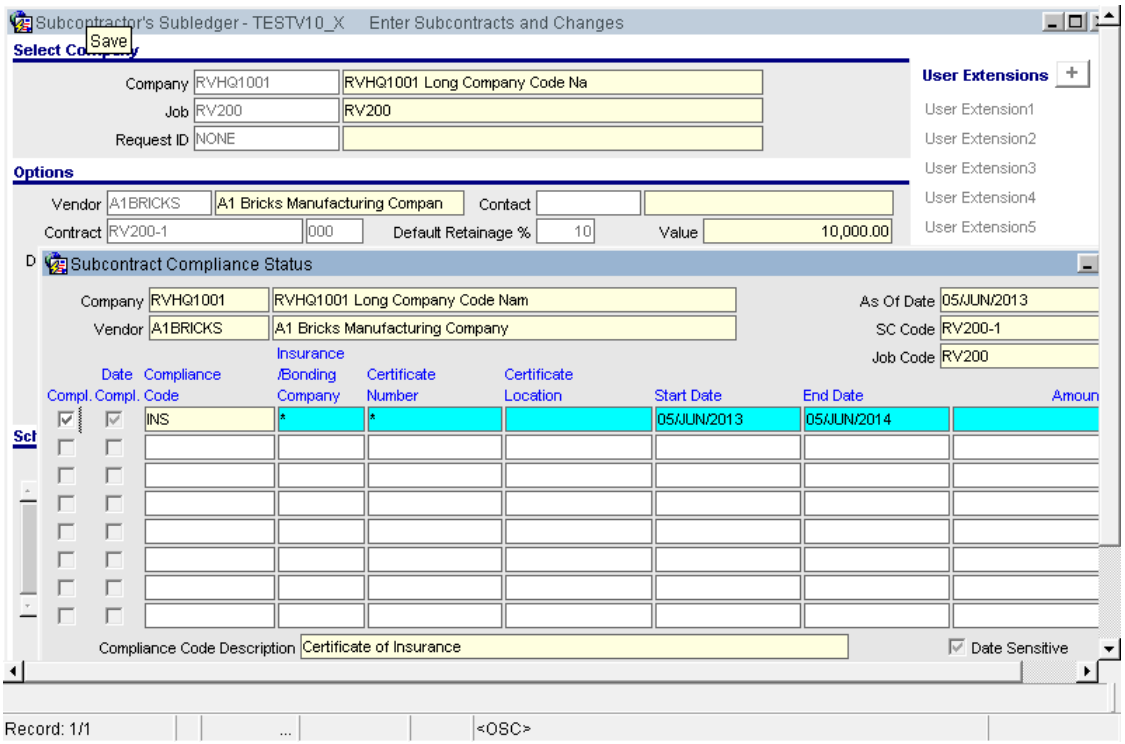


The 'Process' screen has an important check box called 'Update existing compliances only'. The default value is 'checked' This means, regardless of the types of records imported and validated, system will only update the records with SC/PO as required and will NOT insert any new lines into SC/PO.

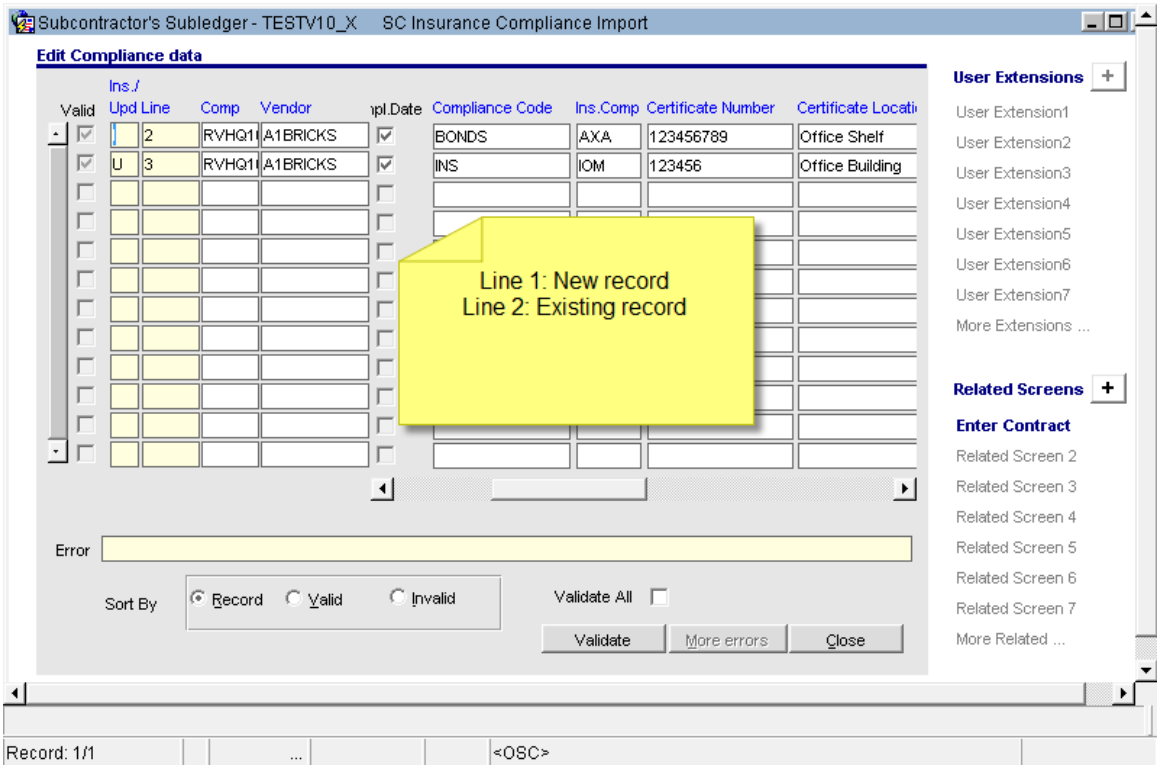
When 'Un-Checked', system will only 'Insert' the Compliance code records into SC/PO Master tables accordingly.

Note that, once the records are processed, the imported file is deleted from the temporary staging table.

The following screens show an example of the import process of SC Compliance codes.



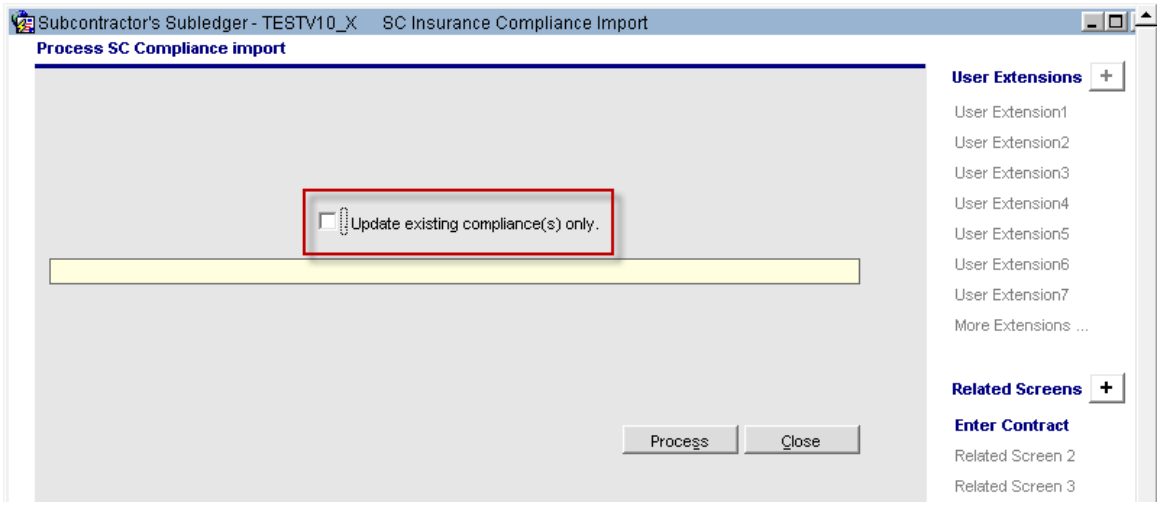
A subcontract with a pre-existing compliance code

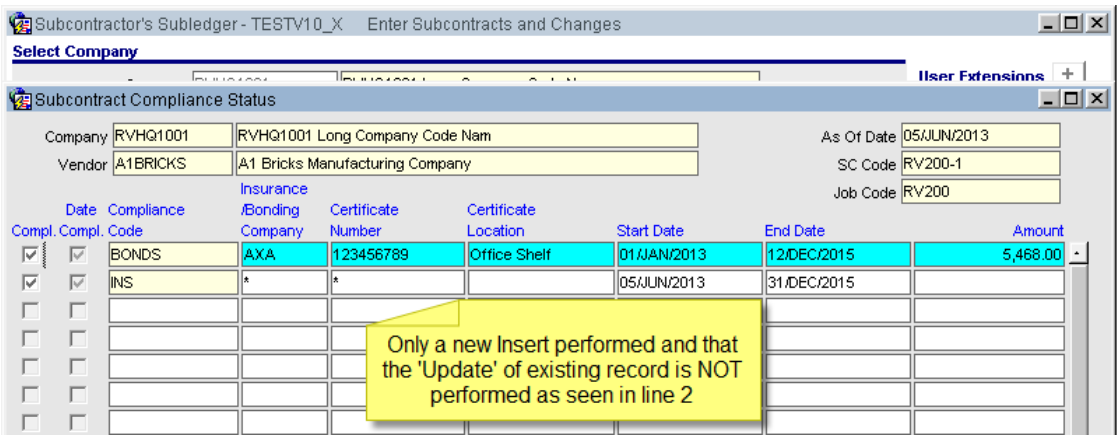


Once Validated, 'Process the 'SC Compliances' with the following screen.

Users must carefully set the value for the check box. The default is 'Checked' which means only an update and NO insert.

The update itself will happen to only those compliance records with an update to the end date or compliance flag status. Any change in certificate number or any other fields will NOT be considered and NO update will take place.

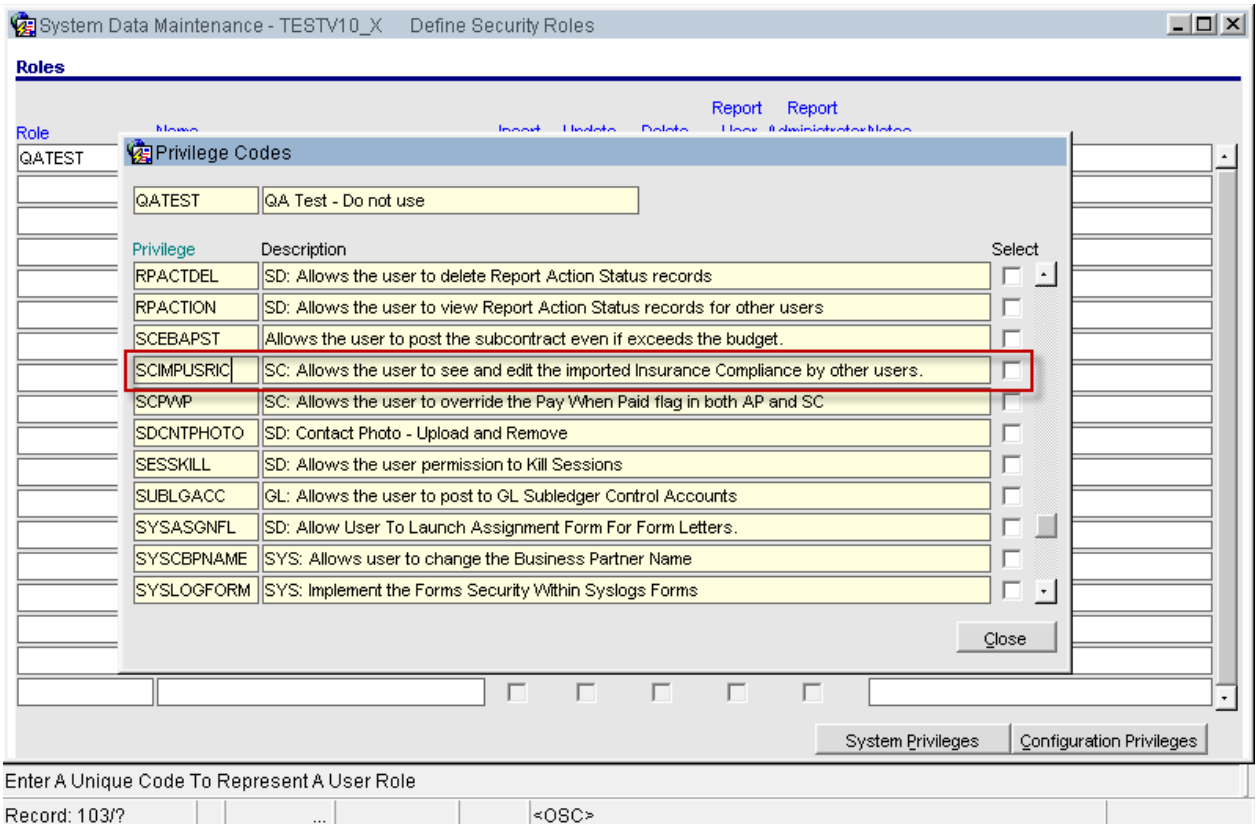




The screen print above shows that the new compliance record is inserted in subcontract master and that the existing record is NOT updated. The Existing Records will be updated when the Compliance End Date or the Compliance flag needs updated

Role Privilege :

The Imported Records by individual users is secured by a role privilege 'SCIMPUSRIC'. The default is un-checked for all the roles in the system and hence users will NOT be able to access imported records of other users. Where required, this privilege may be assigned to roles and in turn the users assigned with this role will be able to access the imported compliance records of all users.



Validations:

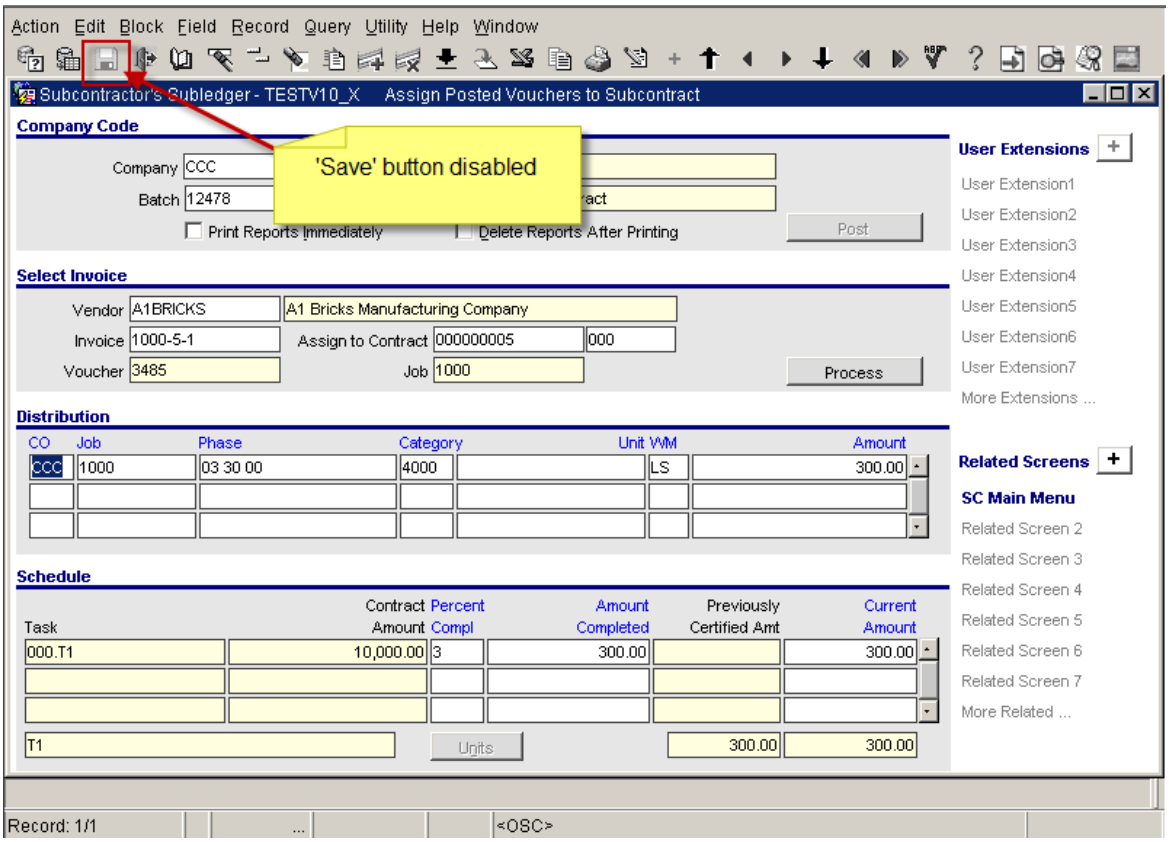
The Imported Records are validated for the following fields

1. Company Security
2. Job Security
3. Vendor Code
4. Subcontract Code
5. Compliance Code
6. Insurance Company
7. Purchase Order Number
8. PO Release Number
9. Start/End Dates

NOTE:

On a single line, users will be allowed to enter either a SC Code or PO Number, but not both.

Assign Posted Vouchers Screen - 'Save' button disabled (13.78606)



The 'Assign posted Vouchers to Subcontract' screen is modified with the 'Save' button being disabled for user access. This is to address the data issues with the previous process.

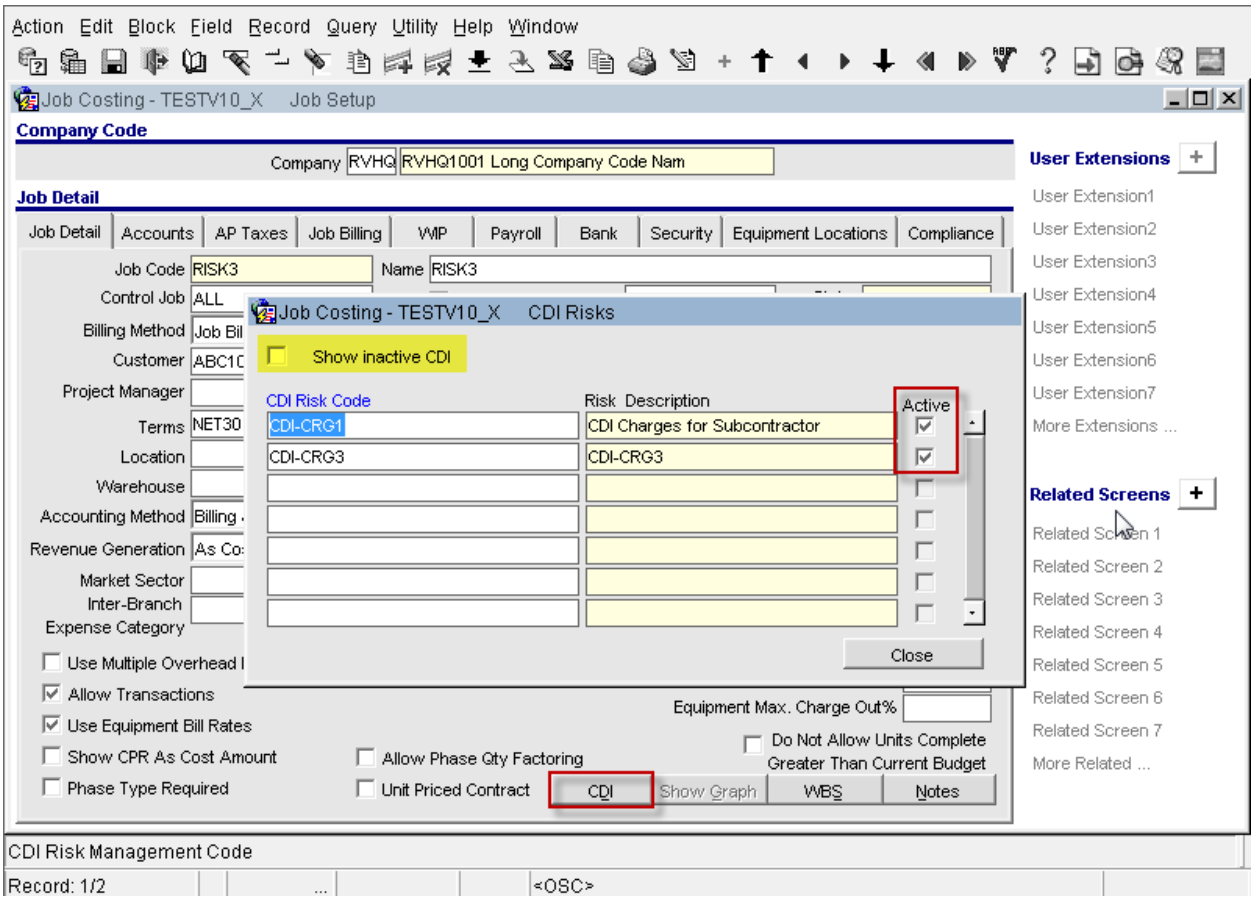
Now, users have to move up to the 'Distribution' block from the 'Schedule' block, to get the **[Process]** button enabled. Also, when trying to exit the screen without processing, users will be presented with an option either to process or cancel the current distribution.

Also, added another validation to prevent users from assigning multiple invoices to the same subcontract in a single batch to avoid any possible data issues.

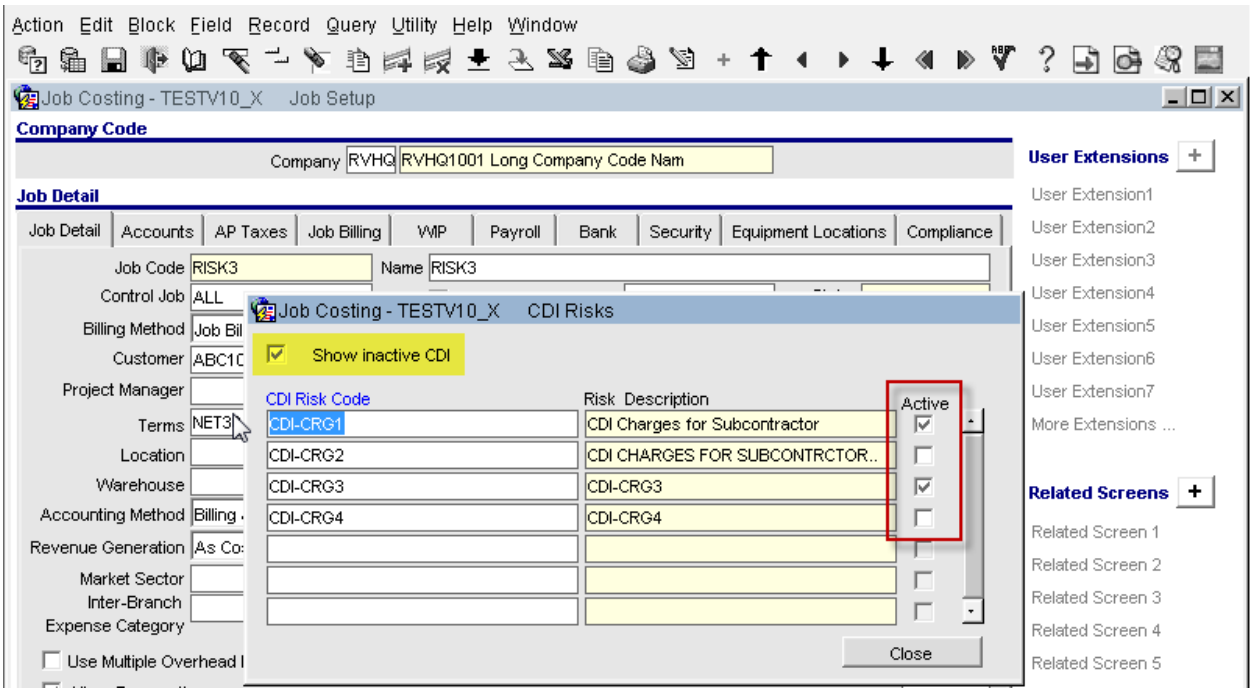
CDI Risk Codes - 'Active' flag at job level (13.80676)

Ability to 'in-activate' CDI codes at Job Level and going forward, calculate CDI charges related to active codes only.

The 'CDI Risks' pop-up at the Job Level is modified with the addition of 'Active' flag. The default value is checked for all CDI Codes at job level. Users may prefer to 'in-activate' one or more CDI Risk codes as required. The query by default displays only active codes.



jcjobfm.fmx > CDI Risks



CDI Risks

A new check box at the top 'Show Inactive CDI' is added to the popup. The default value is un-checked and the query returns only 'active' codes upon opening the popup. Users may check this flag to view all CDI Codes including those marked s 'in-active'.

Functional Changes:

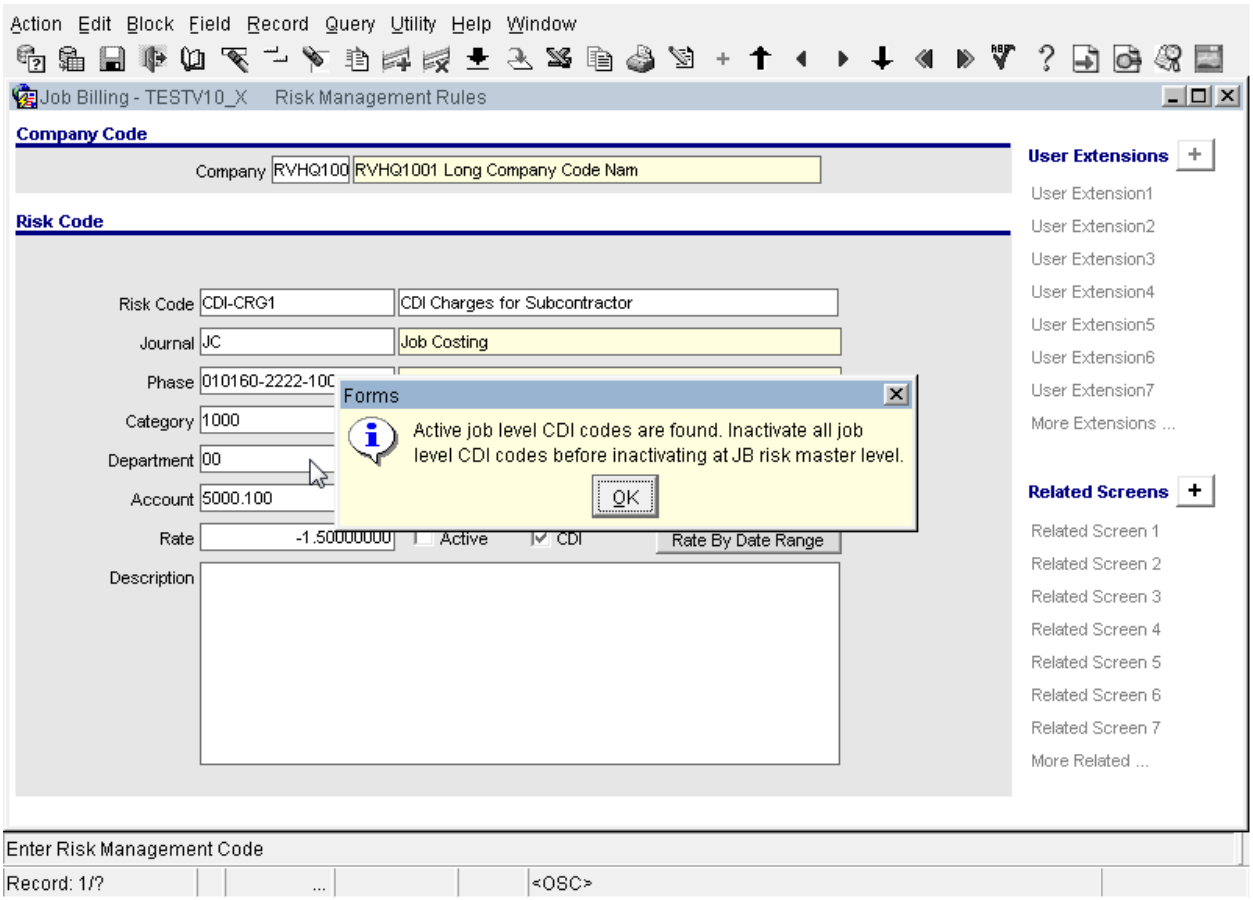
After update of the CDI Risk Code status, any new subcontracts posted against the job will create CDI charges for those codes with 'active' status only.

Users must also note that, both Master and Job Level 'Active' flags must be checked for a CDI code in order to be included in CDI charges calculation

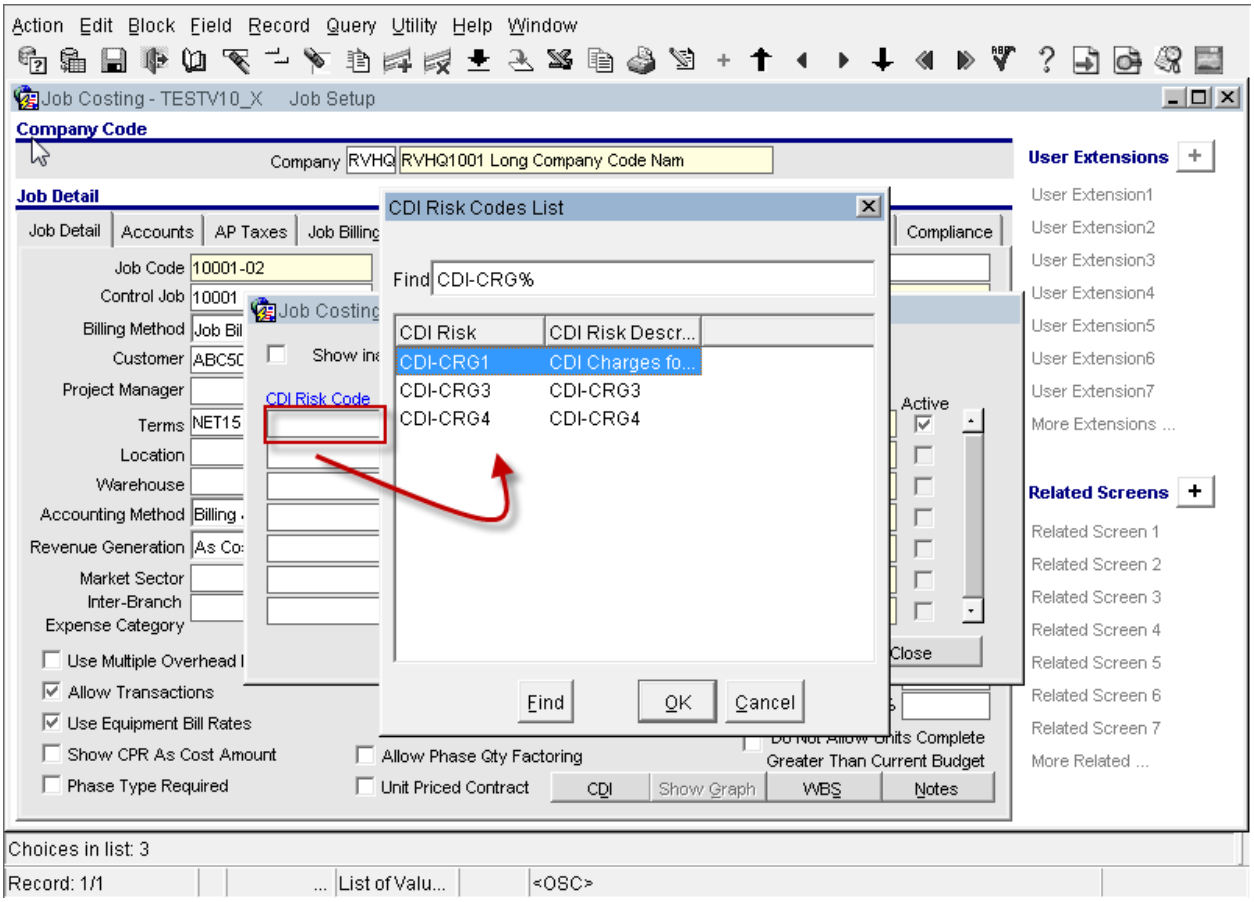
For already posted subcontracts, users may have to use the 'Reverse/Recreate CDI charges' utility in order to reverse all the posted CDI charges and then recreate the new CDI charges only for those 'active' CDI codes.

Reversal of previously posted CDI charges does NOT validate for any 'active' codes and simply reverses previously posted CDI charges

Validations:

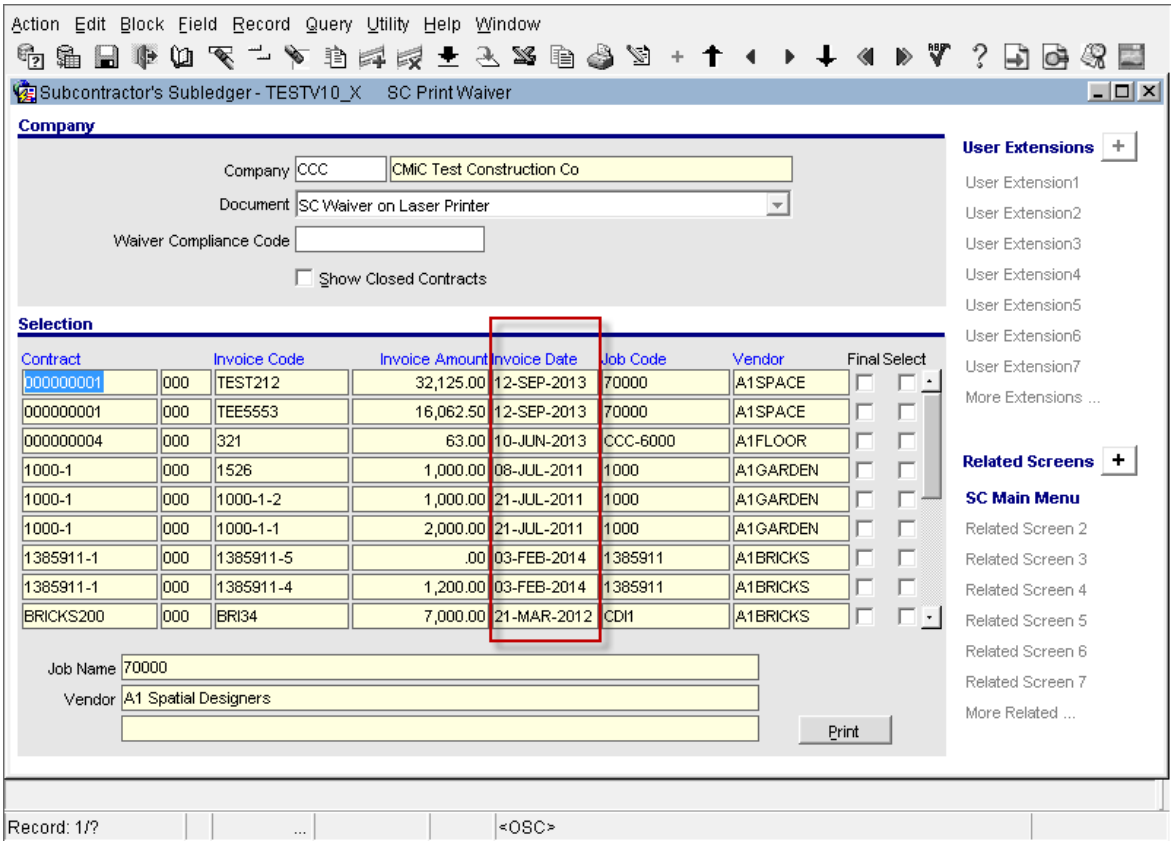


There will be a message issued, when users attempt to 'inactivate' at Master level and if the CDI code is ‘Active’ in one or more jobs. Users must 'inactivate' the codes from all those jobs and then try to inactivate at the master level.



The above screen also shows an existing validation in the LOV, that only 'active' CDI codes in the master level will be available for users to assign to a job.

SC Print Waiver Form - Added Invoice Date column (13.84026)

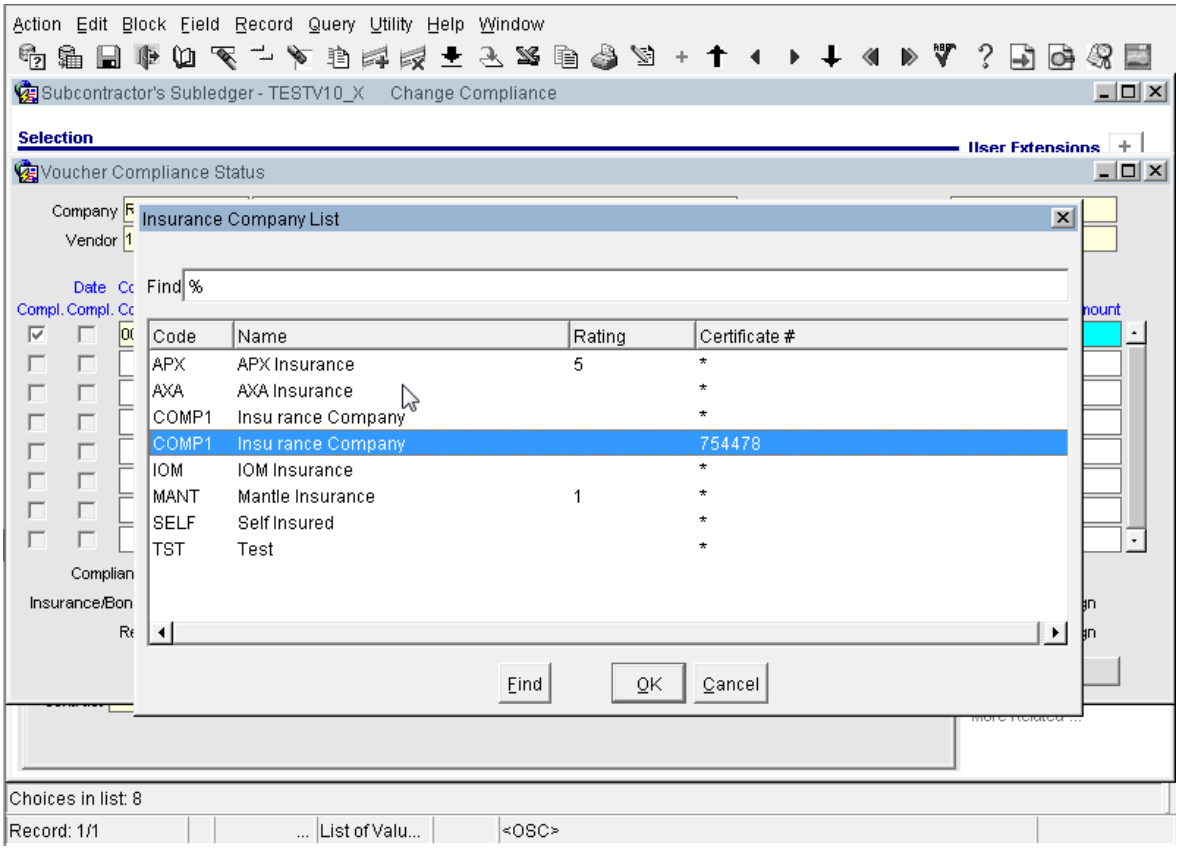


Subcontract > Payments> Print Waiver (scprintw.fmx)

The 'Selection' block for printing SC Waiver is modified with the addition of a column for invoice date. This would enable the users to complete their business activity much more efficiently.

The column can be queried for specific date and users may either enter manually or select a date from the available calendar popup. The date display / input formats are determined from CMiC User Preferences.

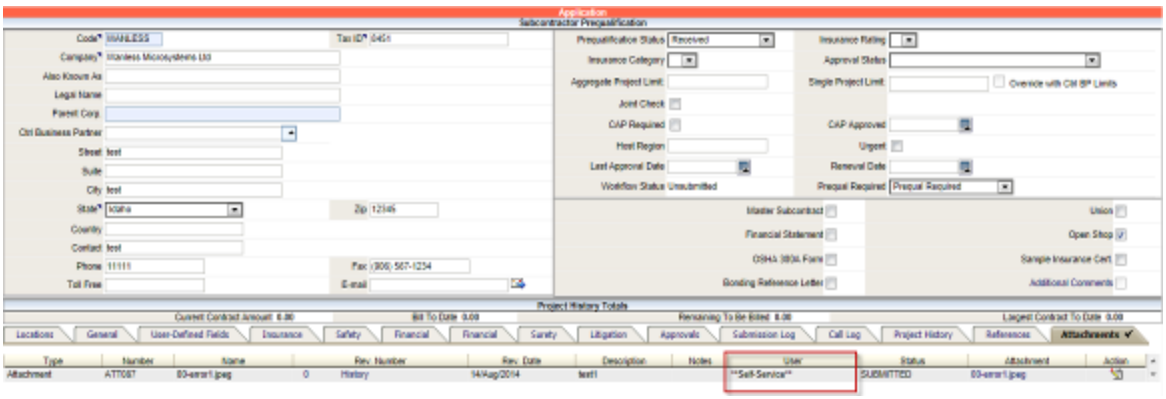
SC Compliance Status-Insurance Company LOV changes(13.85081)



Insinfo.fmx

The Compliance Status Form > Insurance Company 'LOV' is modified with the addition of a column so that the Certificate# is populated and a new column 'Rating' is added to show the 'Rating' of the insurance company.

User Name for Attachments Uploaded from Self Service (14.88057)



Changes have been made to set User Name to 'Self Service **' when uploading attachments through Self Service, since the system does not have user name at that time. User does not have any contact code in the database when working on the Self Service screen.**

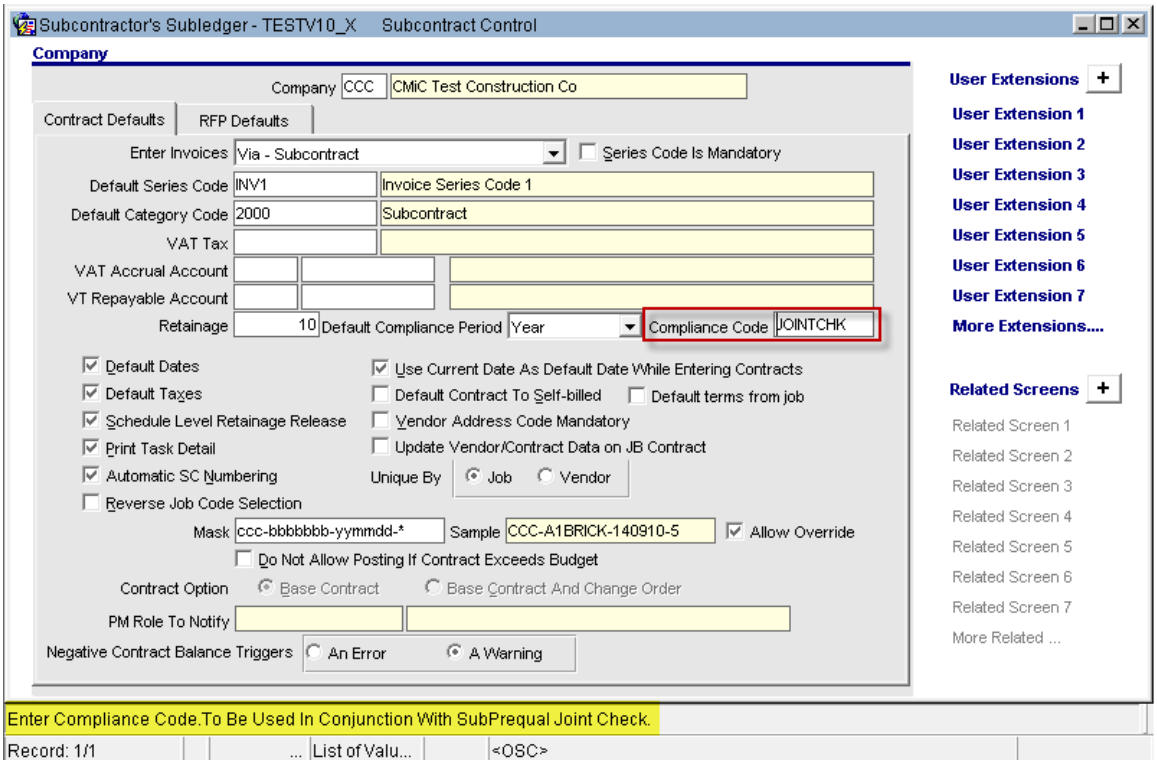
Vendor Pre-Qualification Joint-Check Compliance code (14.87569)

The SC Control File is modified with a new field 'Compliance Code'. A non-date sensitive 'Compliance Code' may be entered or selected from the list. The Subcontract Prequalification Entry is modified with a new flag 'Joint-Check'. When the value of this flag along with the existing 'Pre-Qualification Required' flag values set as 'Y', upon 'commit', all existing subcontracts for the vendor will be inserted/updated with the default compliance code from the SC company control and set as non-compliant.

Any posted/un-posted open vouchers will be inserted/updated with the compliance code and set as non-compliant as well.

When either one or both flags are set as 'N', upon commit, the compliance code from all subcontracts/vouchers will be deleted for the vendor.

SC Control File:

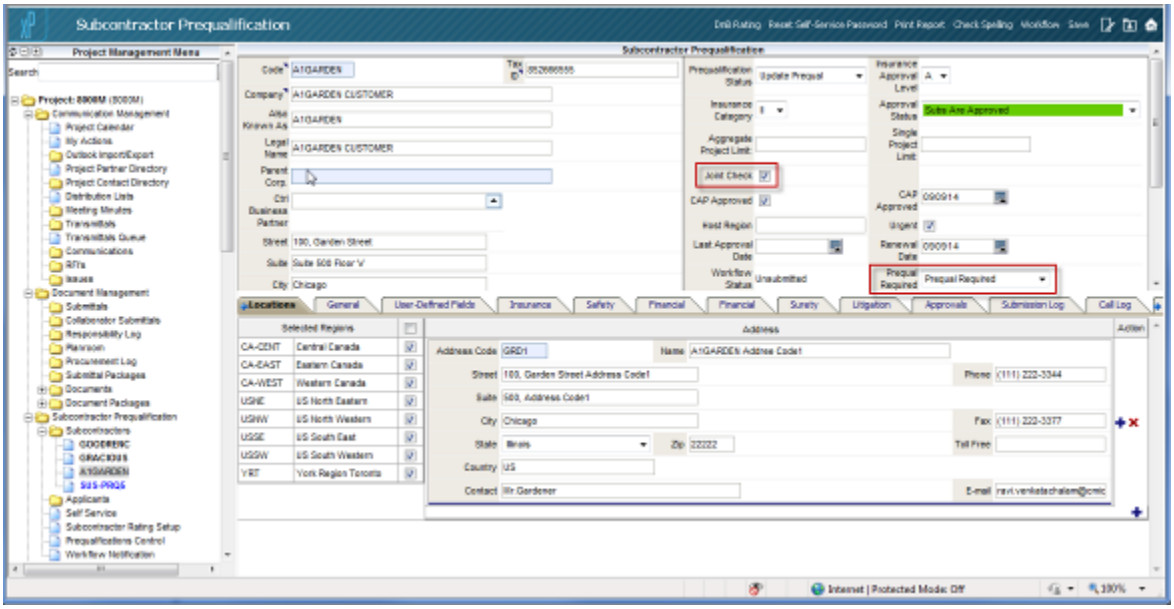


SC Control File (scctrl.fmx)

The Subcontract Control File is modified with a field 'Compliance Code'. Users may enter or select a valid value from the available list. Note that the LOV is filtered to list only Non-Date Sensitive compliance codes. The default value is 'Null' and the field may be left as Null, if not required to use Joint-Check functionality in a company.

If required to using this functionality across several companies, all SC Company control files must be updated with a joint check compliance code.

PM Subcontractor Pre-Qualification Screen:



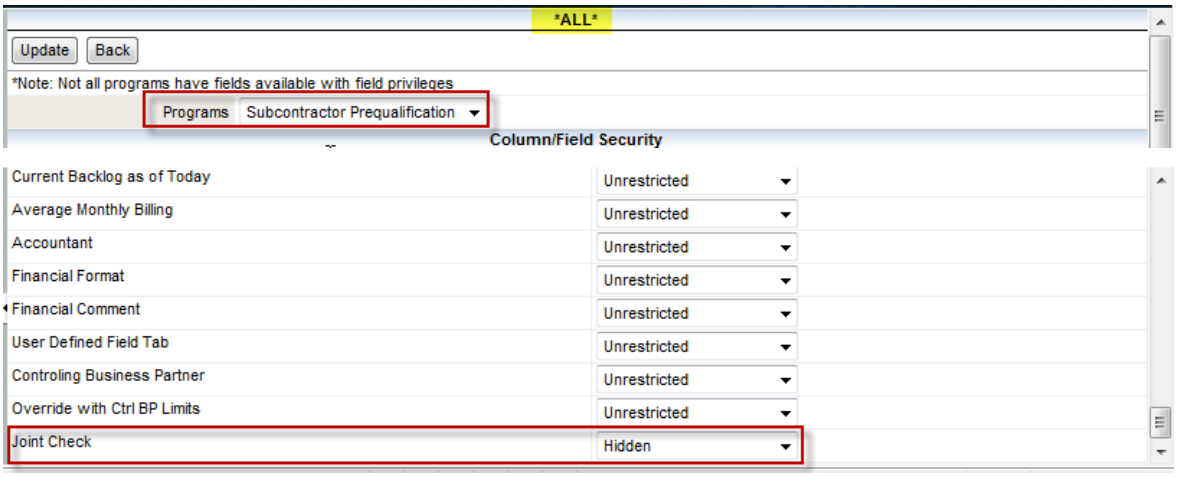
PMJSP > subcontractor Pre-Qualification Screen

A new database field 'Joint-Check' is added to the Pre-Qualification screen. Also note that, there is an existing drop down list for the value of the field 'Pre-Qualification Required'.

This new functionality is built around the values of these two fields.

Field Security Setup:

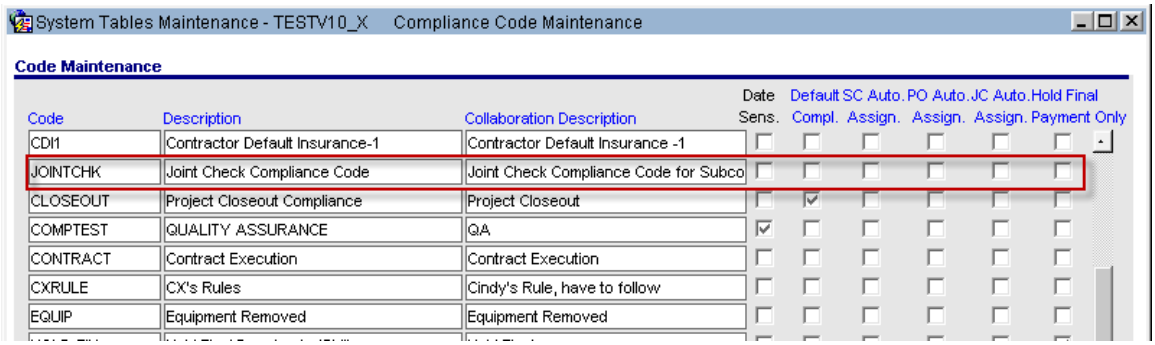
The Field Security for program 'Subcontractor Pre-qualification' is updated with the addition of 'Joint Check' in the list columns and the default value is 'Hidden' for the Role 'ALL'. The field is NOT visible by default and users must adjust the security settings as described.



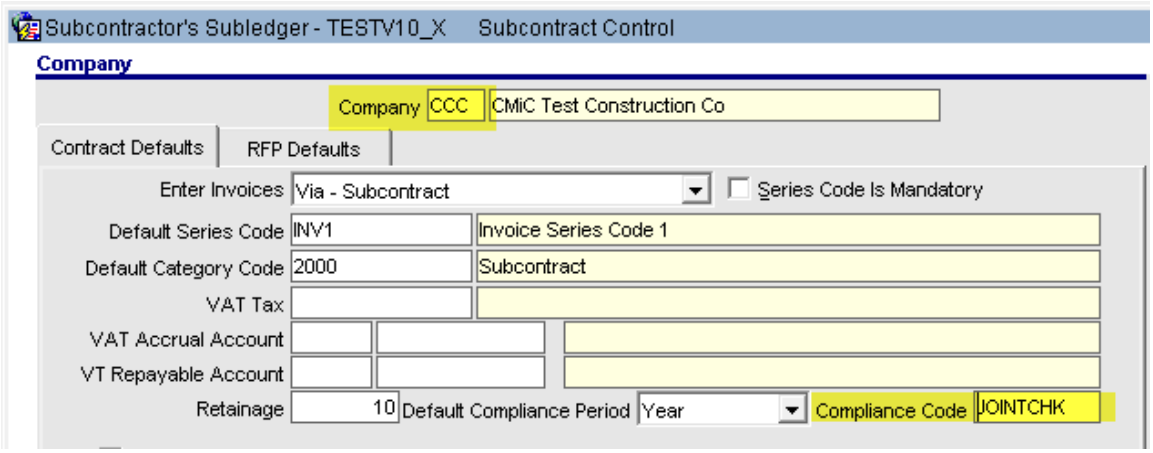
If required to use this Joint Check Compliance functionality, users must set this as 'Unrestricted' for the Role 'ALL' and then set the appropriate PMJSP Role level settings.

Functional Setup:

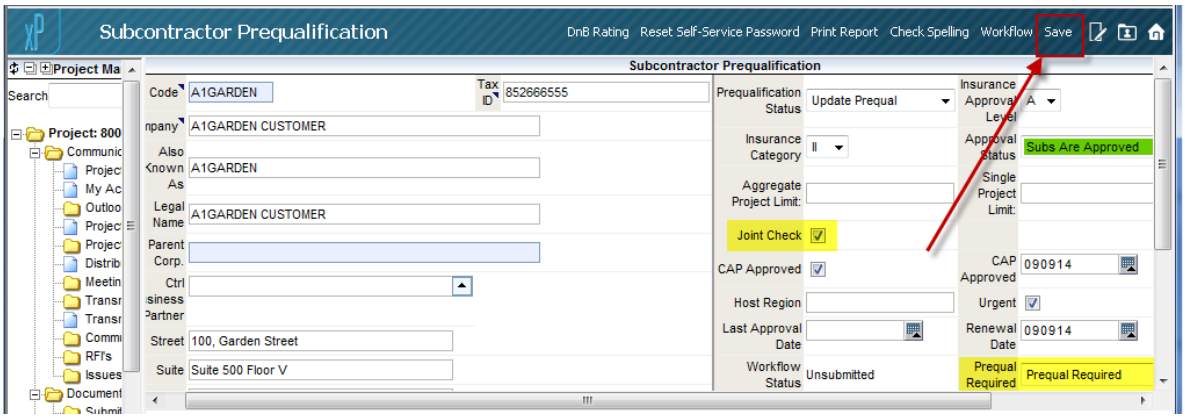
27. Define Compliance Codes for the purpose of Joint-Check Compliance of Vendors. The Compliance code must NOT be a 'Date Sensitive' one. It is recommended NOT to set them as SC Auto Assign, JC Auto Assign etc. It is also recommended that the compliance codes are NOT assigned to vendor class/vendor/vendor company levels.



28. Set the SC Control for each of the companies with the required Joint-Check Compliance codes.



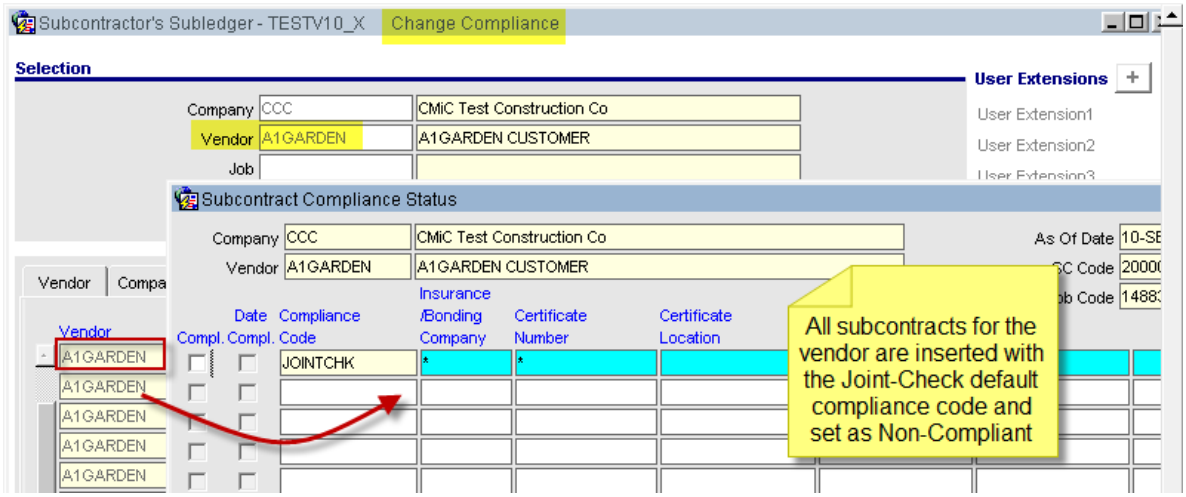
29. In Subcontractor prequalification, set the Joint-Check field value as 'Y' (checked) and the 'Prequalification Required' Value (Y). For this purpose the underlying Business partner table is modified with a column to store the Joint-Check field value. The default Value is set as 'N' for all business partners in the system. Note that the' Pre-Qualification Required' flag is already existing in Business partner Maintenance Screen.

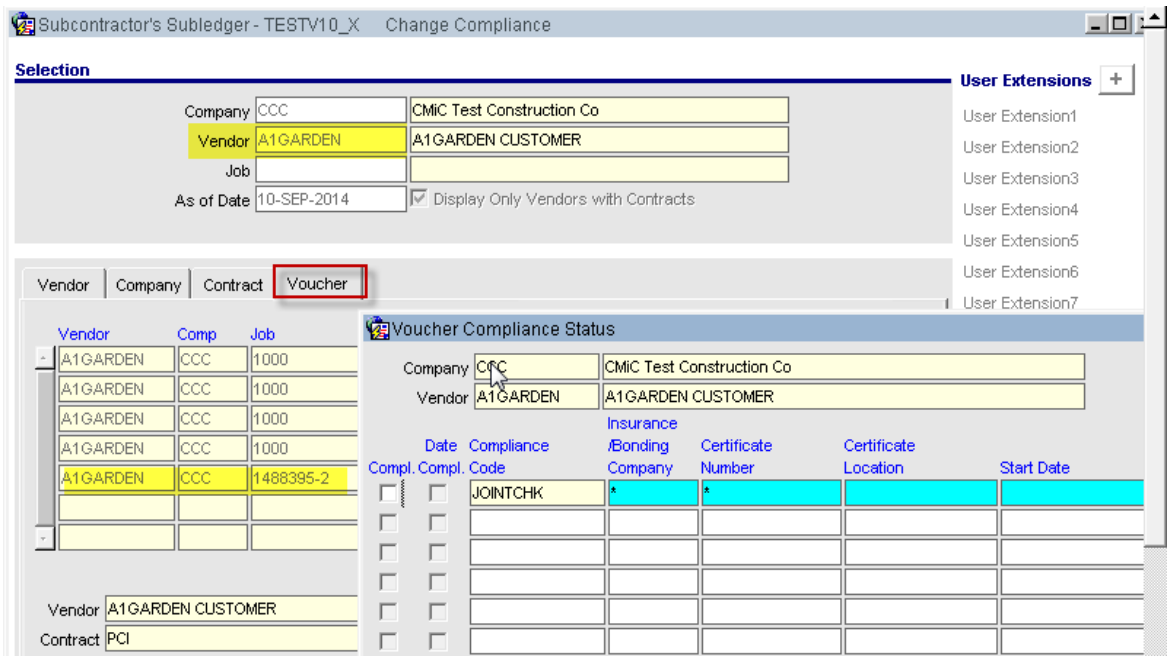


30. After setting both values as 'Y' in Pre-Qualification screen, upon Commit,

-All existing subcontracts for the vendor will be inserted/updated with the compliance code and set as Non-Compliant.

-All Open Payable Vouchers for the subcontracts for the same vendor will be inserted/updated with the compliance code and set as Non-Compliant.

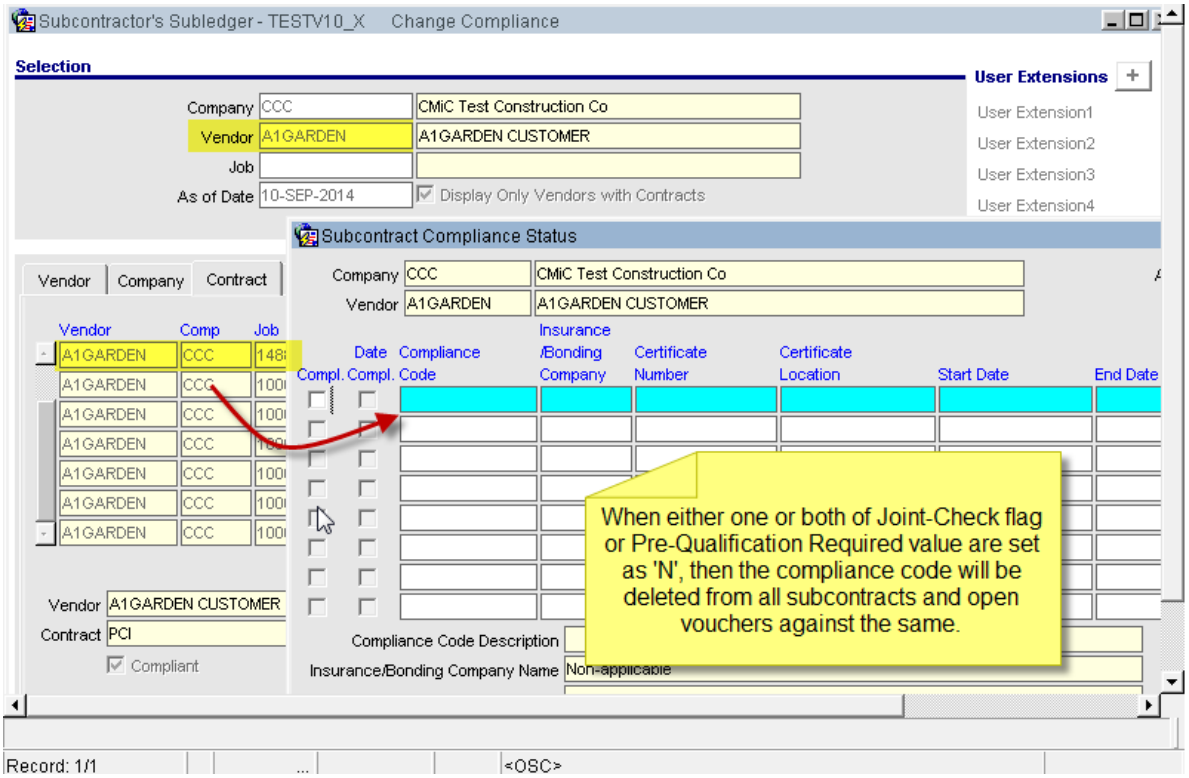


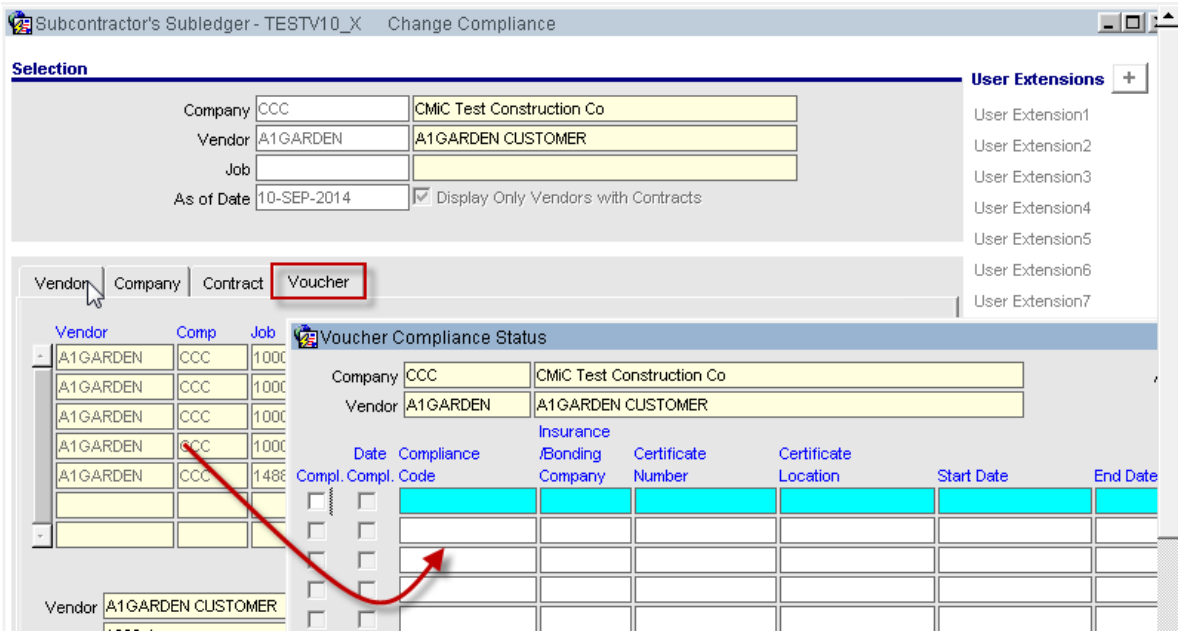


31. If either one or both Joint-Check / Pre-Qualification Required values are set as 'N', then

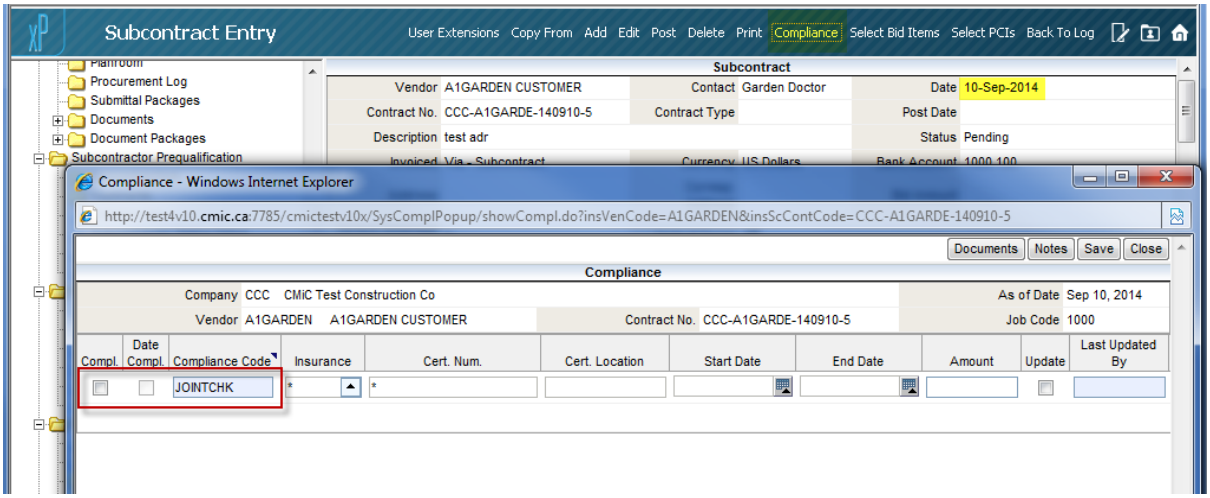
-The Compliance Code will be deleted from all existing subcontracts for the vendor

-The Compliance Code will be deleted from all open Payable Vouchers for the vendor with the subcontracts

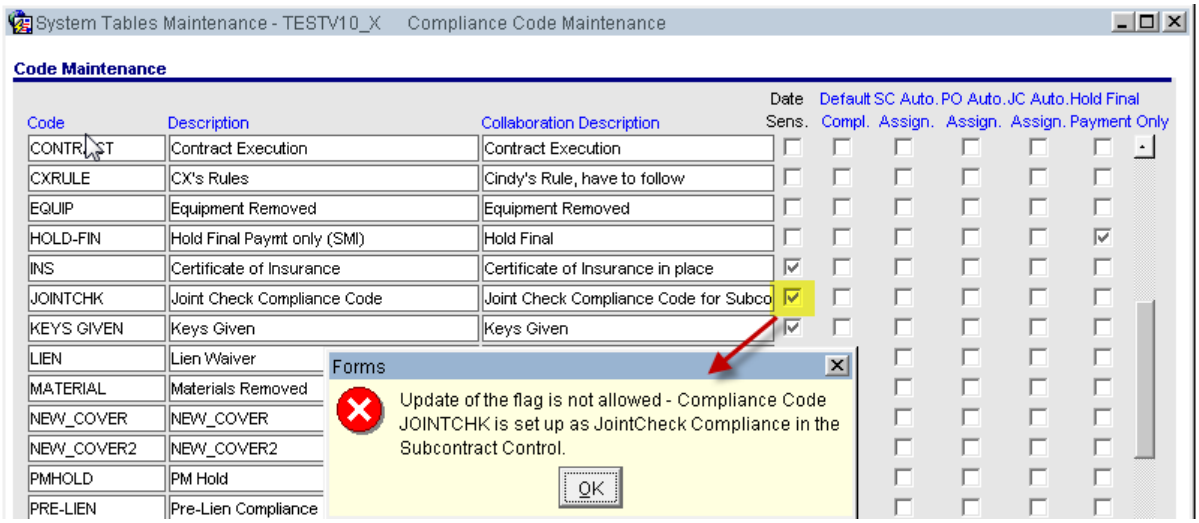




32. Creating New Subcontracts for a vendor either from enterprise forms or from PMJSP, when the Subcontractor Pre-Qualification is set with values for the two fields as 'Y', would automatically assign the default 'Joint-Check' compliance code.



Validations:



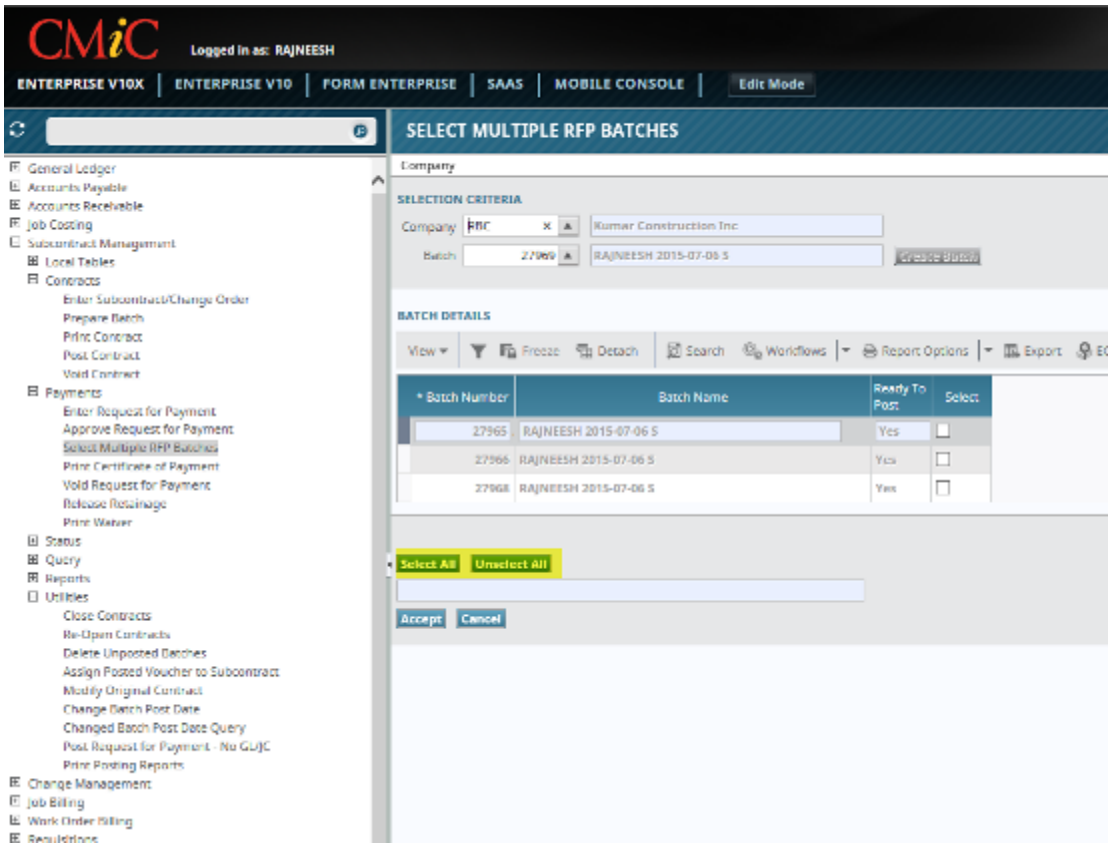
The Compliance Code 'Master Setup' form is modified to NOT to allow users to check the 'Date Sensitive' flag, once a code is being assigned to SC Company Control . No other lower level forms are modified and hence users must avoid setting up this compliance code at lower hierarchical levels or ensure that the flag is NOT checked.

NOTE: THIS FUNCTIONALITY IS CURRENTLY APPLICABLE TO ENTERPRISE FORMS AND SUBCONTRACTOR PRE-QUALIFICATION IN PM JSP
THE SC CONTROL IN NEW UI VERSION OF V10_X SOFTWARE WILL BE MODIFIED IN THE FUTURE.

Changes to Select Multiple RFP (Creates PDF) (14.95995)

Two buttons [**Select All**] and [**Unselect All**] are added to Select Multiple RFP batches Screen which allow users to select all the batches that are ready to post at once.

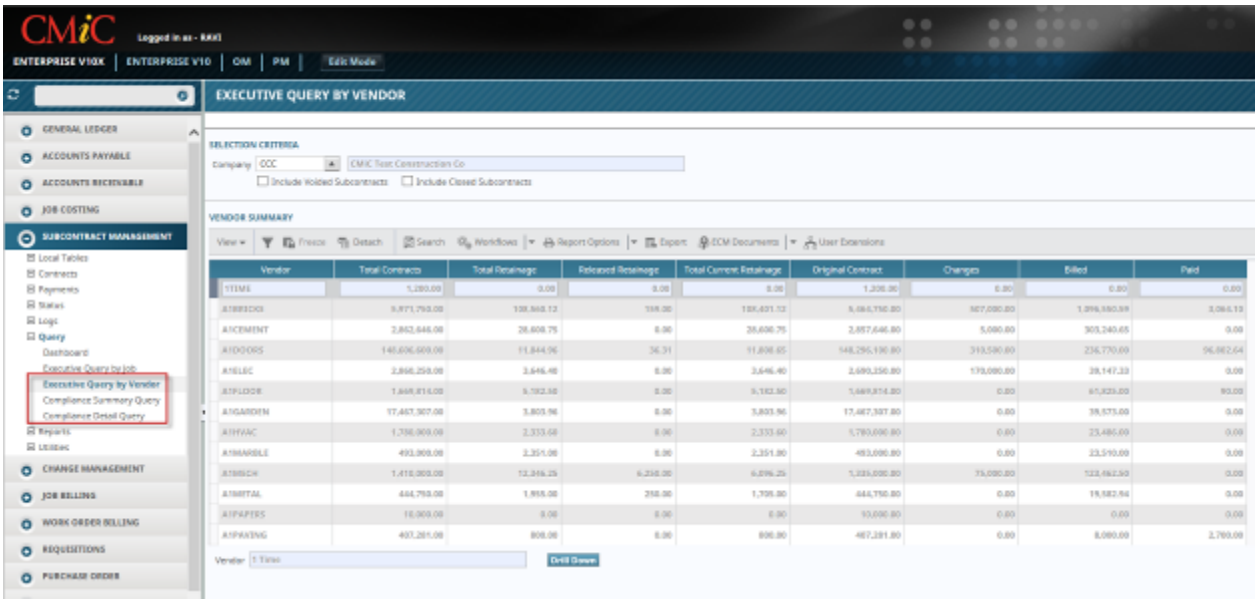
The 'Select Multiple RFP Batch' allows users to select many request for payment batches into one new batch.

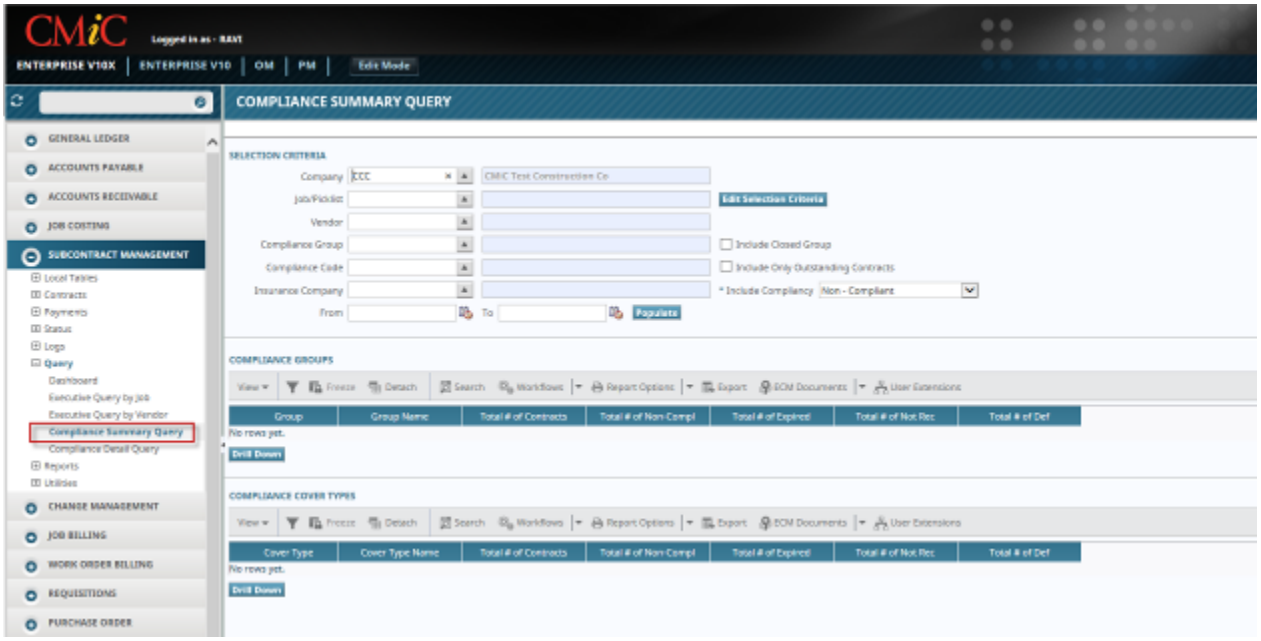


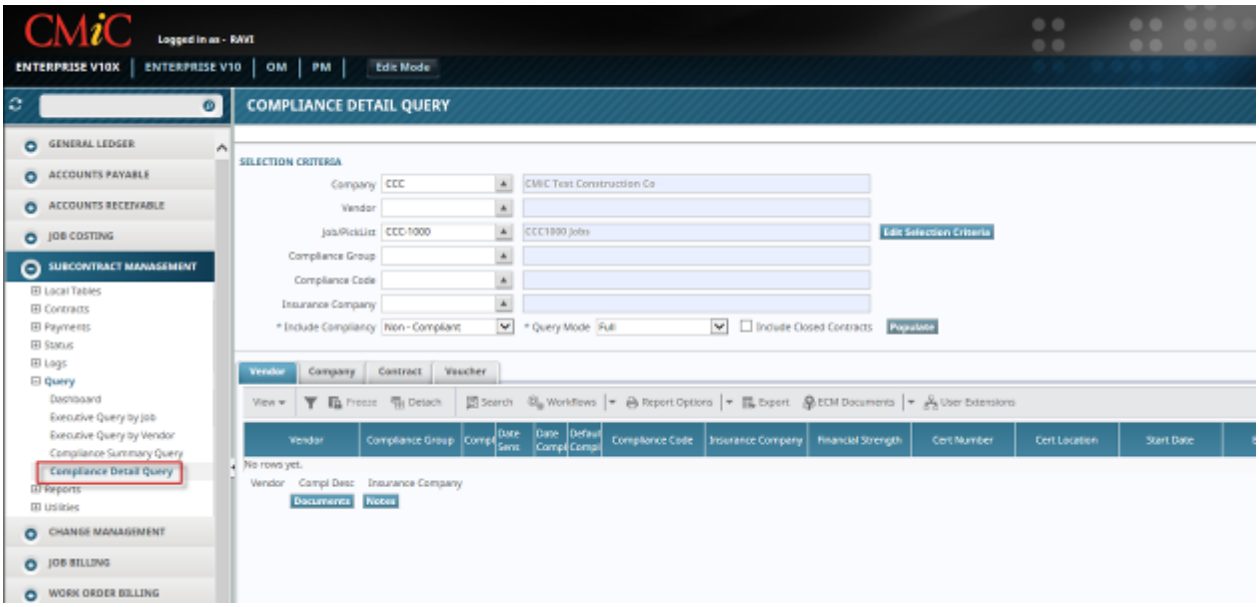
Subcontract Related Queries conversion into ADF (15.13413)

Converted the following queries from oracle forms version to ADF.

1. Executive Query by Vendor
2. SC Compliance Summary Query
3. SC Compliance Detail Query


CMiC
ENTERPRISE V10X | ENTERPRISE V10 | OM | PM | Edit Mode
EXECUTIVE QUERY BY VENDOR
GENERAL LEDGER
ACCOUNTS PAYABLE
ACCOUNTS RECEIVABLE
JOB COSTING
SUBCONTRACT MANAGEMENT
Local Tables
Contracts
Payments
Status
Logs
Query
Dashboard
Executive Query by Job
Executive Query by Vendor
Compliance Summary Query
Compliance Detail Query
Reports
Utilities
CHANGE MANAGEMENT
JOB BILLING
WORK ORDER BILLING
REQUISITIONS
PURCHASE ORDER
SELECTION CRITERIA
VENDOR SUMMARY
Vendor
Total Contracts
Total Retainage
Released Retainage
Total Current Retainage
Original Contract
Changes
Billed
Paid
Drill Down


CMiC
ENTERPRISE V10X | ENTERPRISE V10 | OM | PM | Edit Mode
COMPLIANCE SUMMARY QUERY
SELECTION CRITERIA
Company
Job/Pickist
Vendor
Compliance Group
Compliance Code
Insurance Company
From
To
Populate
Edit Selection Criteria
Include Closed Group
Include Only Outstanding Contracts
Include Compliancy
Non - Compliant
COMPLIANCE GROUPS
Group
Group Name
Total # of Contracts
Total # of Non-Compl
Total # of Expired
Total # of Not Rec
Total # of Def
No rows yet.
Drill Down
COMPLIANCE COVER TYPES
Cover Type
Cover Type Name
Total # of Contracts
Total # of Non-Compl
Total # of Expired
Total # of Not Rec
Total # of Def
No rows yet.
Drill Down



Default Bank Department on Subcontract and RFP from the Job Setup (16.23942)

CMiC added the department code to the subcontract entry screen and RFP entry screen.

Functionality:

If the "Use Bank Accounts by Job" flag is checked on the subcontract control file, both the department and account that are flagged as default on the job setup, will be defaulted on the subcontract record.

If the user decides to change the department code and account code on SC and RFP Screen, it will be validated against the job bank account setup i.e. the combination must exist on the job bank account tab. The department and account on the RFP will default from the subcontract.

If the "Use Bank Accounts by Job" flag is checked on the subcontract control file and the user decides to change it on the RFP, the department and account combination will be validated against the job setup.

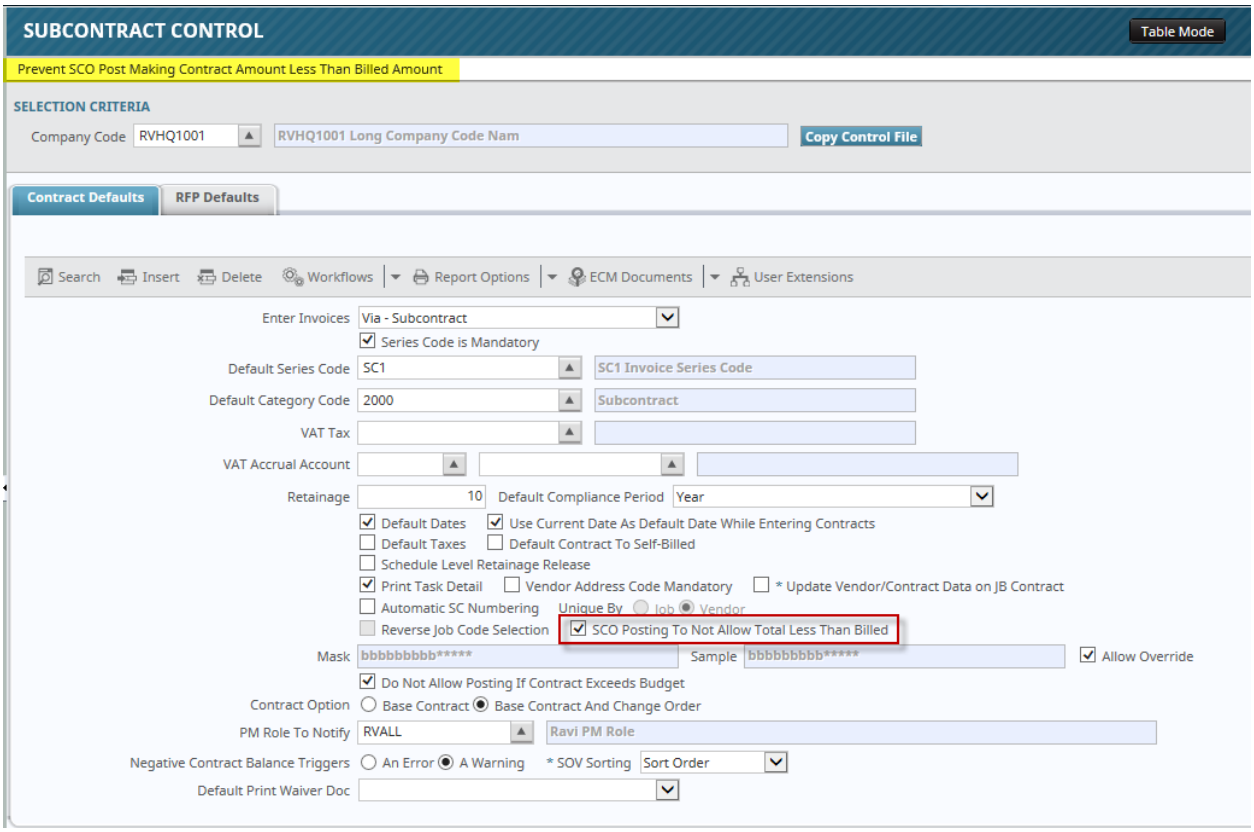
SC/CO Posting to validate for already billed Subcontracts (17.35449)

Subcontract Posting to be modified to validate whether the subcontract/subcontract change order being posted will bring the value of the overall subcontract to be less than the subcontract amount that has already been invoiced.

Modifications:

Added a new flag to the SC Company Control program to enable this functionality.

The default value is un-checked and posting will go through as per existing functionality.



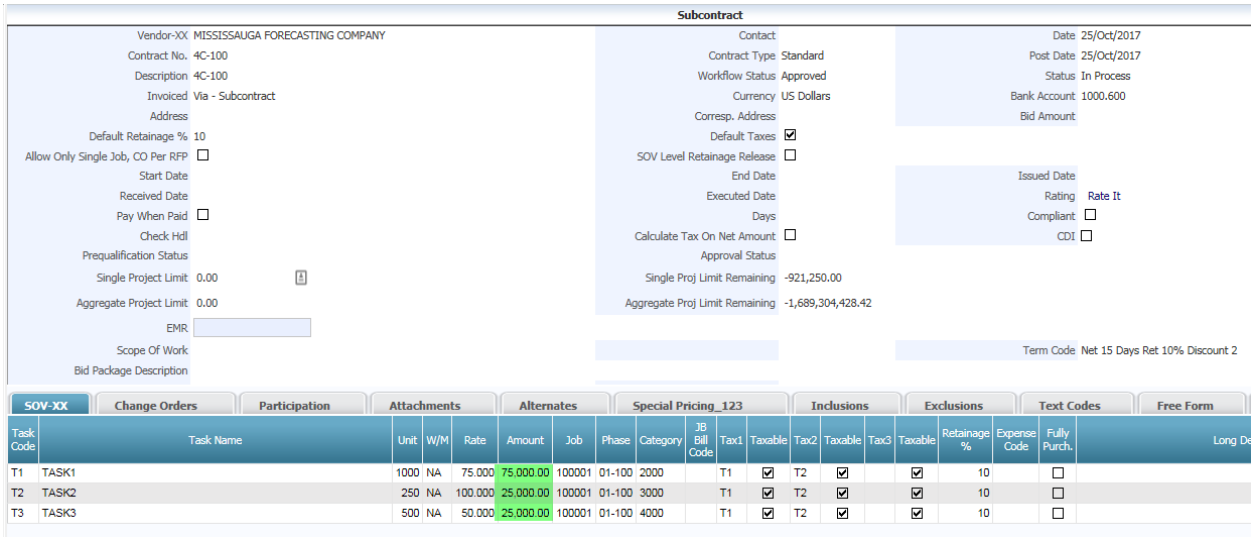
Subcontract Control

When the flag 'SCO Posting To Not Allow Total Less Than Billed' is checked (Y), the SC/CO Posting program will NOT allow users to post and a message will be issued ABOUT THE Subcontract Code and the amount.

Testcases:

Project Management JSP

The following screens show the validation message when users try to post a SC/CO.



Subcontract

Vendor-XX	MISSISSAUGA FORECASTING COMPANY	Contact		Date	25/Oct/2017
Contract No.	4C-100	Contract Type	Standard	Post Date	25/Oct/2017
Description	4C-100	Workflow Status	Approved	Status	In Process
Invoiced	Via - Subcontract	Currency	US Dollars	Bank Account	1000.600
Address		Corresp. Address		Bid Amount	
Default Retainage %	10	Default Taxes	☑		
Allow Only Single Job, CO Per RFP	☐	SOV Level Retainage Release	☐		
Start Date		End Date		Issued Date	
Received Date		Executed Date		Rating	Rate It
Pay When Paid	☐	Days		Compliant	☐
Check Hdl		Calculate Tax On Net Amount	☐	CDI	☐
Prequalification Status		Approval Status			
Single Project Limit	0.00	Single Proj Limit Remaining	-921,250.00		
Aggregate Project Limit	0.00	Aggregate Proj Limit Remaining	-1,689,304,428.42		
EMR					
Scope Of Work				Term Code	Net 15 Days R
Bid Package Description					

SOV-XX | Change Orders | Participation | Attachments | Alternates | Special Pricing_123 | Inclusions | Exclusions | Text Codes

Change No.	Description	Date	Cost	Days Impact	Post Date
001	4C-100	25/Oct/2017	45,750.75		25/Oct/2017

Add RFP | Workflow | Show Images | Print | Back To Log

In Workflow

RFP Detail | Notes | Attachments

		Amounts		Previously Certified Amounts	
Status	SUBMITTED	Net Amount	135,000.00	Net Amount	0.00
Vendor	MISSISSAUGA FORECASTING COMPANY	Tax Amount	19,125.00	Tax Amount	0.00
Contract	4C-100	Invoice Amount	154,125.00	Invoice Amount	0.00
Invoice No.	4C-100-1	Retainage Amount	15,000.00	Retainage Amount	0.00
Invoice Date	25/Oct/2017	Release Amount	0.00	Release Amount	0.00
Due Date	09/Nov/2017	Gross Amount	150,000.00	Work Completed	0.00
Post Date		Material Only	☐	Imported Goods	☐
Description	100001				
Workflow Status	Pending				

Schedule of Values

Task Code	Task Name	Contracted Quantity	UOM	Rate	Amt	Previously Certified Quantity	Previously Certified Amount	Completed Quantity	Current Quantity	Current Amount	Completed Amount	Retainage %	Previous Retainage Amount	Retainage Amount	Total Retainage Amount	Previous Release Amount	Outstanding Release Amount	Release Amount
T1	TASK1	1,000	NA	75.000	75,000.00		0.00	1,000	1,000	75,000.00	75,000.00	10	0.00	7,500.00	7,500.00	0.00	0.00	0.00
T2	TASK2	250	NA	100.000	25,000.00		0.00	225	225	22,500.00	22,500.00	10	0.00	2,250.00	2,250.00	0.00	0.00	0.00
T3	TASK3	500	NA	50.000	25,000.00		0.00	450	450	22,500.00	22,500.00	10	0.00	2,250.00	2,250.00	0.00	0.00	0.00
T4	TASK4		LS		45,750.75		0.00	0		30,000.00	30,000.00	10	0.00	3,000.00	3,000.00	0.00	0.00	0.00

Review/Approval — Show

RVHQ1001 - RVHQ1001 Long Company Code Nam

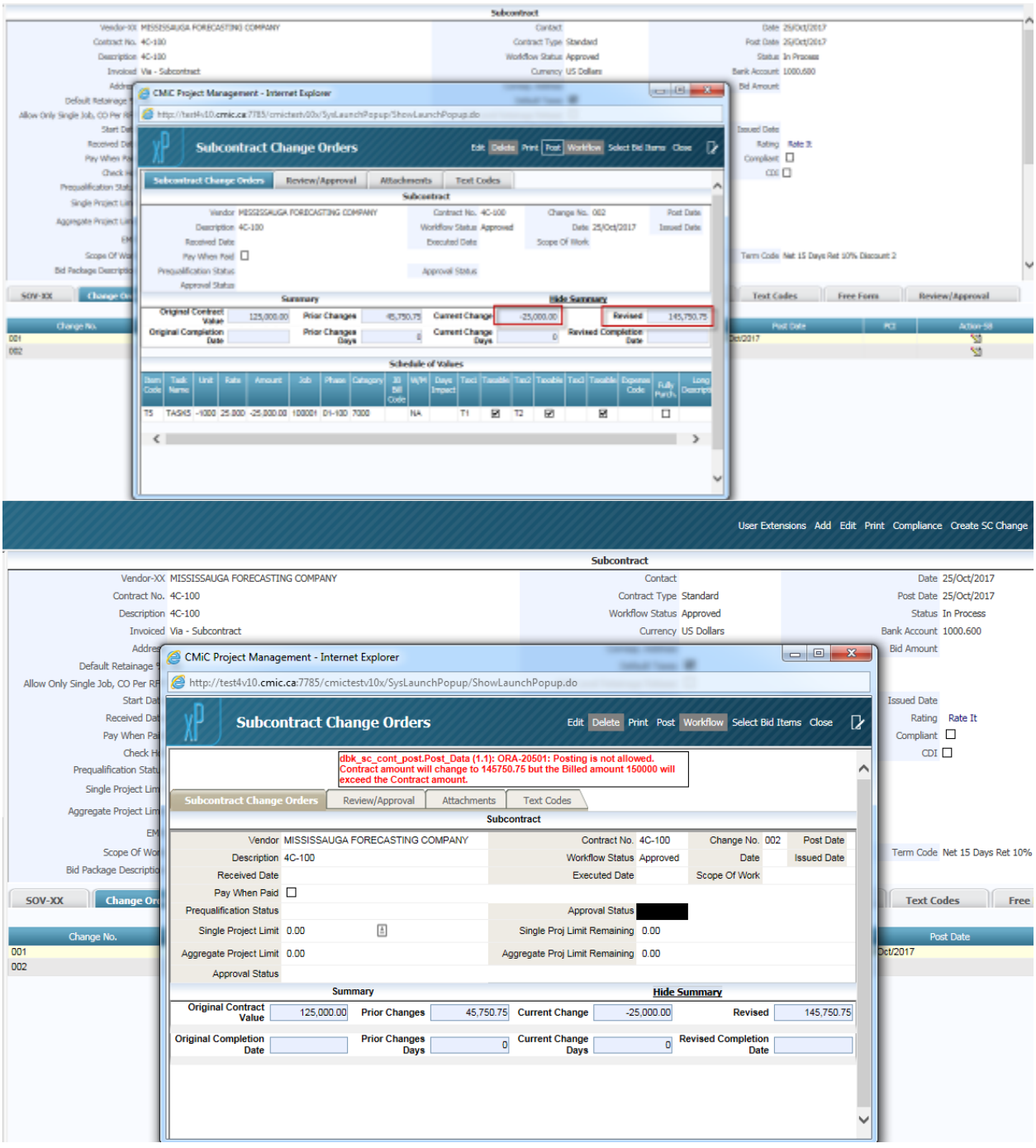
ACCOUNTS PAYABLE - VOUCHER POSTING REPORT

Page: 1 of 2
Date: 25 OCT 2017
Time: 11:48 AM

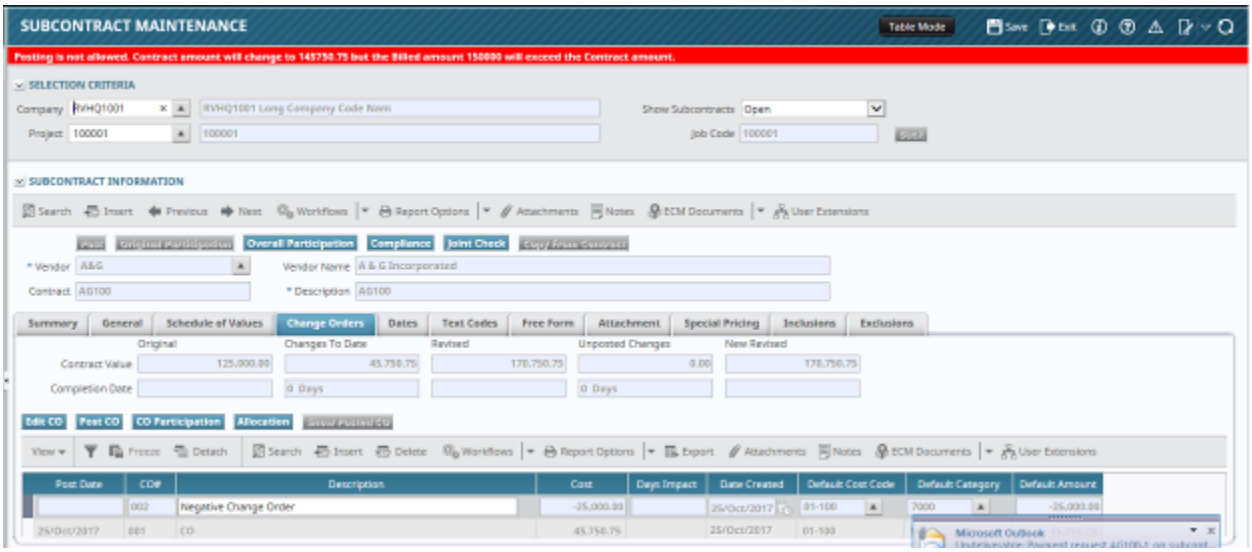
Batch Number: 40206 Posting Date: 25 OCT 2017

Vendor	Status	Voucher#	Invoice#	Invoice Date	Due Date	Curr	Cash Acc	Purchase	Charges	Discount	Taxes	Net Amount	Retainage
Currency : US	US Dollars												
4CASTLR	Non Comp231/6	4C-100-1		25 OCT 2017	09 NOV 2017	US	1000.600	150,000.00	0.00	2,700.00	19,125.00	151,425.00	15,000.00
MISSISSAUGA FORECASTING COMPANY				DISC DATE:	27-OCT-2017	SERIES CODE: SC1		HANDLING CODE:				ADDRESS:	
100001						SUBCONTRACT: 4C-100		CHANGE:	000			REQUEST ID: NONE	

Type	Comp	Dept	Account	Account Name	Debit	Credit	Qty	UM	Job/Eqp/WO	Phs/Eqp/WI	Cat/Trl/Exp	Expense Code	PO#/CONT	Item/Task
G	RVHQ	00	2000.100	Current Payables		154,125.00	NA						4C-100	
G	RVHQ	00	2000.200	Retainage Payable		15,000.00	NA						4C-100	
J	RVHQ	00	5200.100	Job Cost Expenses	84,062.50		1000	CY	100001	01-100	2000		4C-100	T1
J	RVHQ	00	5200.100	Job Cost Expenses	25,218.75		225	CY	100001	01-100	3000		4C-100	T2
J	RVHQ	00	5200.100	Job Cost Expenses	25,218.75		450	LS	100001	01-100	4000		4C-100	T3
J	RVHQ	00	5200.100	Job Cost Expenses	33,825.00		0	LS	100001	01-100	5000		4C-100	T4
Total For Currency			US	:	150,000.00	0.00	2,700.00	19,125.00	151,425.00	15,000.00				

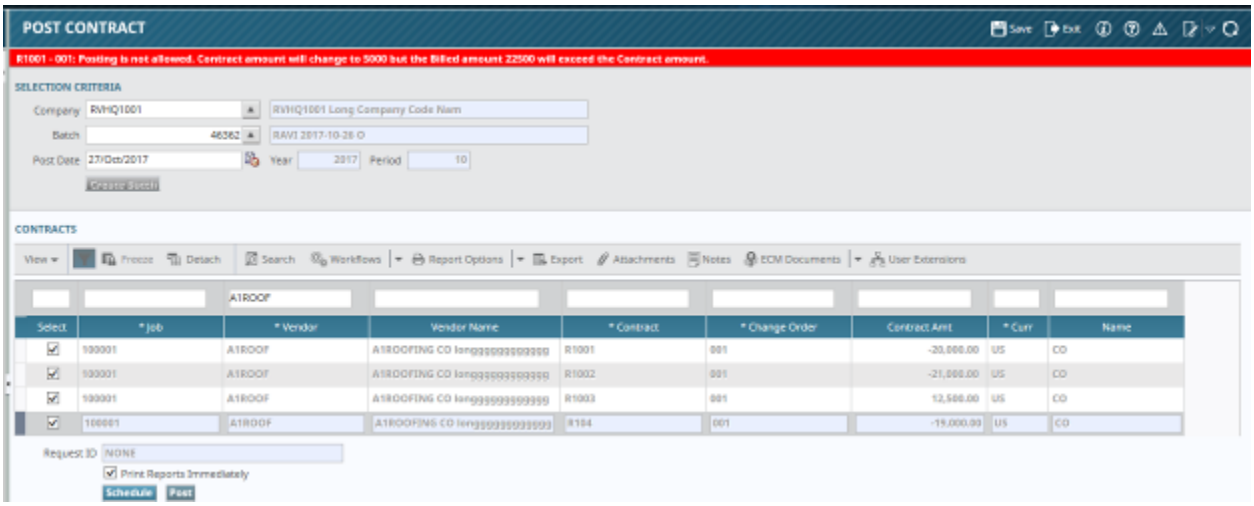

CMiC Project Management - Internet Explorer
http://test4v10.cmic.ca:7785/cmictestv10x/SysLaunchPopup/ShowLaunchPopup.do
Subcontract Change Orders
Edit Delete Print Post Workflow Select Bid Items Close
dbk_sc_cont_post.Post_Data (1.1): ORA-20501: Posting is not allowed. Contract amount will change to 145750.75 but the Billed amount 150000 will exceed the Contract amount.
Subcontract Change Orders
Review/Approval
Attachments
Text Codes
Subcontract
Vendor MISSISSAUGA FORECASTING COMPANY
Contract No. 4C-100
Change No. 002
Post Date
Description 4C-100
Workflow Status Approved
Date
Issued Date
Received Date
Executed Date
Scope Of Work
Pay When Paid
Prequalification Status
Approval Status
Single Project Limit 0.00
Single Proj Limit Remaining 0.00
Aggregate Project Limit 0.00
Aggregate Proj Limit Remaining 0.00
Approval Status
Summary
Hide Summary
Original Contract Value 125,000.00
Prior Changes 45,750.75
Current Change -25,000.00
Revised 145,750.75
Original Completion Date
Prior Changes Days 0
Current Change Days 0
Revised Completion Date
User Extensions Add Edit Print Compliance Create SC Change
Subcontract
Vendor-XX MISSISSAUGA FORECASTING COMPANY
Contract No. 4C-100
Description 4C-100
Invoiced Via - Subcontract
Contact
Contract Type Standard
Workflow Status Approved
Currency US Dollars
Date 25/Oct/2017
Post Date 25/Oct/2017
Status In Process
Bank Account 1000.600
Bid Amount
Issued Date
Rating Rate It
Compliant
CDI
Term Code Net 15 Days Ret 10% Discount 2
Text Codes
Free Form
Review/Approval
Change No.
001
002
Post Date
Oct/2017

ADF – Subcontract / Change Order Entry & Posting



The Subcontract Posting from within the Subcontract / Change Order Entry is validated and an appropriate message issued to users.

ADF – Subcontract / Change Order Posting from 'Post Contract' program:



The Subcontract Posting from where users create a batch and then select multiple subcontracts/change orders for posting is modified to validate as per the SC Control program and issue an appropriate message.

NOTE: This modification applies only to ADF / PMJSP Subcontract Entry programs. Does NOT apply to the Enterprise Forms Version of the software.

Request for enhancement SC_Draw_Request (17.46780)

Added a new report SC_Draw_Request2 with next modification:

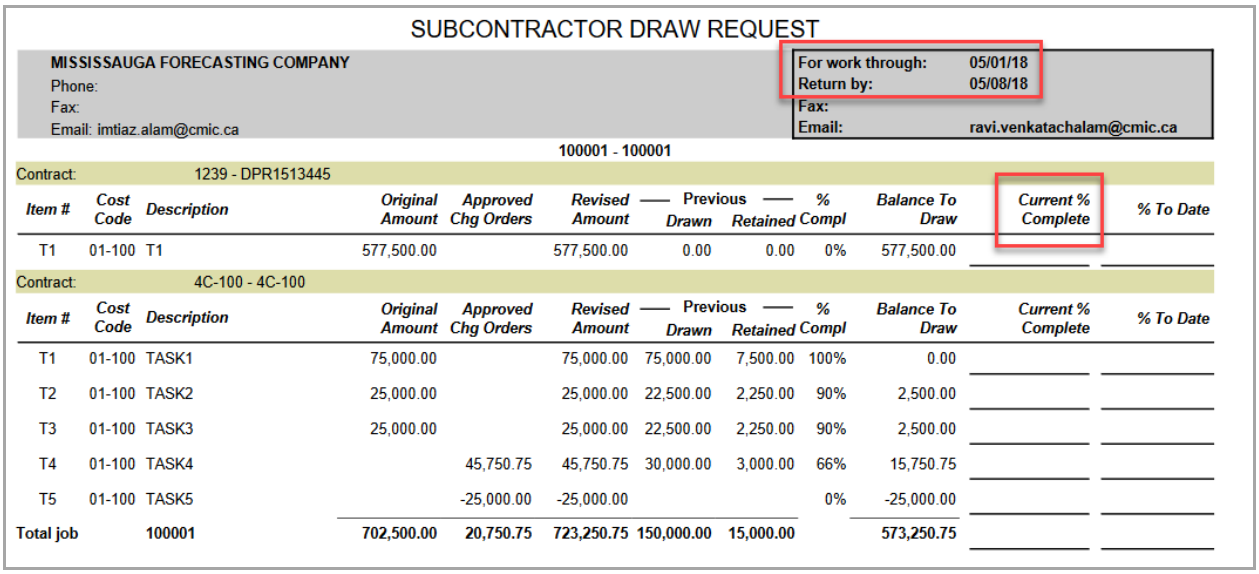
1- Removed the columns as per attached (4 Columns) and all verbiage.

2- The header has only Sub-Contract info.

3- Changed the header 'Amount This Draw' to be 'Current Complete %'

4- Added 2 new data parameters 'For Work Through' and 'Return By' for users to select the dates.

5- Other parameters match current SC_DRAW_REQUEST Report.



SUBCONTRACTOR DRAW REQUEST

MISSISSAUGA FORECASTING COMPANY
Phone:
Fax:
Email: imtiaz.alam@cmic.ca

For work through: 05/01/18
Return by: 05/08/18
Fax:
Email: ravi.venkatachalam@cmic.ca

100001 - 100001

Contract: 1239 - DPR1513445

Item #	Cost Code	Description	Original Amount	Approved Chg Orders	Revised Amount	Previous Drawn	Previous Retained	% Compl	Balance To Draw	Current % Complete	% To Date
T1	01-100	T1	577,500.00		577,500.00	0.00	0.00	0%	577,500.00		

Contract: 4C-100 - 4C-100

Item #	Cost Code	Description	Original Amount	Approved Chg Orders	Revised Amount	Previous Drawn	Previous Retained	% Compl	Balance To Draw	Current % Complete	% To Date
T1	01-100	TASK1	75,000.00		75,000.00	75,000.00	7,500.00	100%	0.00		
T2	01-100	TASK2	25,000.00		25,000.00	22,500.00	2,250.00	90%	2,500.00		
T3	01-100	TASK3	25,000.00		25,000.00	22,500.00	2,250.00	90%	2,500.00		
T4	01-100	TASK4		45,750.75	45,750.75	30,000.00	3,000.00	66%	15,750.75		
T5	01-100	TASK5		-25,000.00	-25,000.00			0%	-25,000.00		
Total job		**100001**	**702,500.00**	**20,750.75**	**723,250.75**	**150,000.00**	**15,000.00**		**573,250.75**		

Sales Tax Programming - BETA Version (17.45519)

NOTE: This is a new functionality and currently in development and testing. The programs are NOT implemented and is released as a Beta version in this patch.

CMIC has done the following changes in FINANCIALS, IMAGING FLYSHEETS, PROJECT MANAGEMENT, and PROJECTS modules.

1. FINANCIALS

1.1. Entry Programs:

A new field "Accounting Description" has been added to following entry programs on header level only. By default, this new field will be hidden. This field is not required, free-form, no validation. Header field value will carry over to actual GL distribution level for all lines at the time of posting. User has an option to insert/modify this new field value before posting.

- AP Registered Invoice
- AP Voucher Entry
- AR Invoice Entry
- Purchase Order Entry
- AP Push Program
- APPOPICK Program (a new, display only, field "Accounting Description" has been added to show the PO header level field "Accounting Description" value. This new field "Accounting Description" value is carried over to voucher header level from PO if single PO is being used or selected).

1.2. Posting programs:

Following posting programs has been modified to copy new field "Accounting Description" value from header level to actual GL distribution level:

- AP Post (A/C Payables Posting)
- AP Void Post (A/C Payables Void Posting)
- AR Post (A/C Receivables Posting)
- AR Void Post (A/C Receivables Void Posting)

NOTE: There has been no changes to Adjustment and Memo entry programs in AP and AR. Posting at POCO (PO Change Orders) will not modify "Accounting Description" on PO.

2. IMAGING FLYSHEETS

The views for the following header flysheets has been modified to add the new columns. By default the new columns have not been added to the flysheets. They must be added using the flysheet maintenance screen.

- Registered Pay Request Header
- Reg Invoice with PO Header
- Registry Invoice Header
- SC Pay Request Header

3. PROJECT MANAGEMENT (JSP):

The following Entry Programs have been modified:

- Subcontract Entry: fields "Accounting Description", "Total SOV Lines" (total amount does not include taxes) and "Total Including Taxes" (total SOV Lines amount including taxes) have been added to the header;
- RFP: a new field "Accounting Description" has been added to the header;
- SC Change Order: fields "Total SOV Lines" (total amount does not include taxes) and "Total Including Taxes" (total SOV Lines amount including taxes) have been added to the header.

This added field is 500 characters long, free-form, no validation. It is secured with Field Security (HIDDEN/READONLY/UNRESTRICTED), and by default will be hidden. The same Field Security (FS) has been applied to header fields.

NOTE: The “Accounting Description” field is not to be shown on the subcontract Change Order entry nor the user is allowed to modify it on a change order. It is only available on the base contract.

4. PROJECTS

CMiC has modified the following programs:

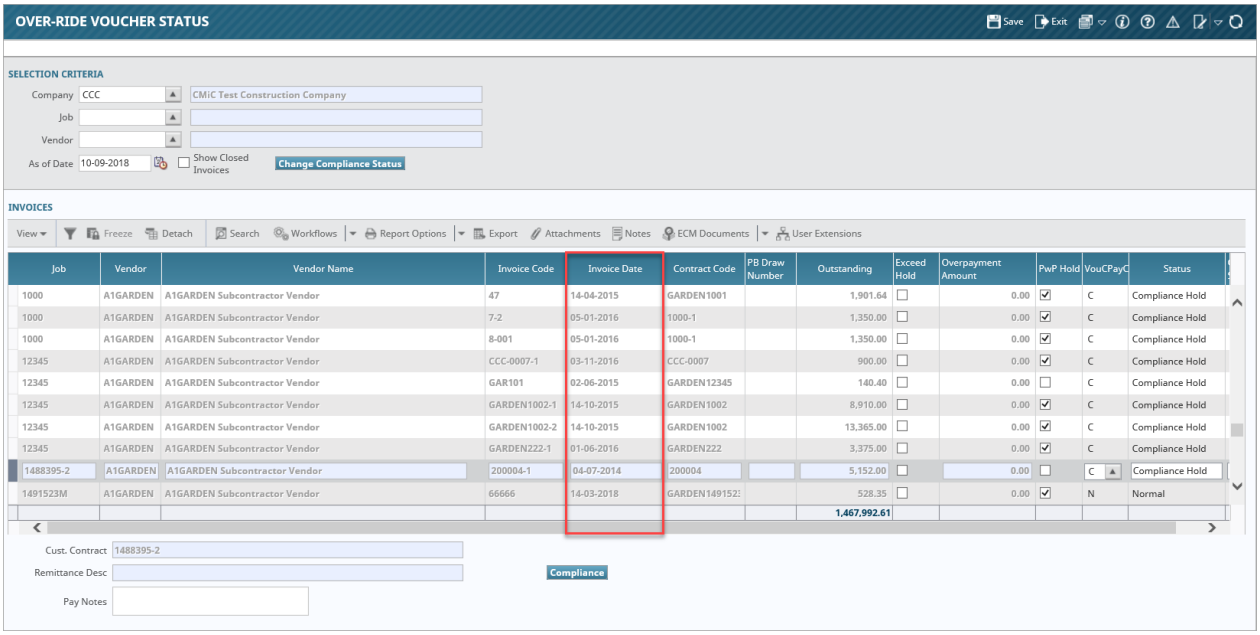
4.1. Entry Programs
- SC Contract Entry: new fields "Accounting Description", "Total SOV Lines" (total amount does not include taxes) and "Total Including Taxes" have been added to the header;
- SC Change Order Entry: new fields "Total SOV Lines" (total amount does not include taxes) and "Total Including Taxes" have been added to the header;
- SC Subcontract RFP: a new field "Accounting Description" has been added to the header;
- JC Cost Transaction Entry: a new field "Accounting Description" has been added to the detail block;
- JB Billing Contract: a new field "Accounting Description" has been to the defaults tab;
- JB G/C Prepare Billing, a new field "Accounting Description" has been to the defaults tab.

4.2. Posting Programs
- Job Cost Posting, Cost Transaction: have been modified to copy a new field "Accounting Description" value to actual GL distribution level;
- Job Billing Invoice Posting: has been modified to carry over to AR Invoice Header;
- Job Billing Voiding: has been modified to carry over to the Job Billing Void the "Accounting Description".

NOTE: The “Accounting Description” will not be shown on the subcontract change order entry nor will the user be allowed to modify it on a change order. It will only be available on the base contract.

Adding Invoice Date Column In Override Voucher Status (18.54647)

“Override Voucher Status” screen modified to make field “Invoice Date” available in Lite Editor.

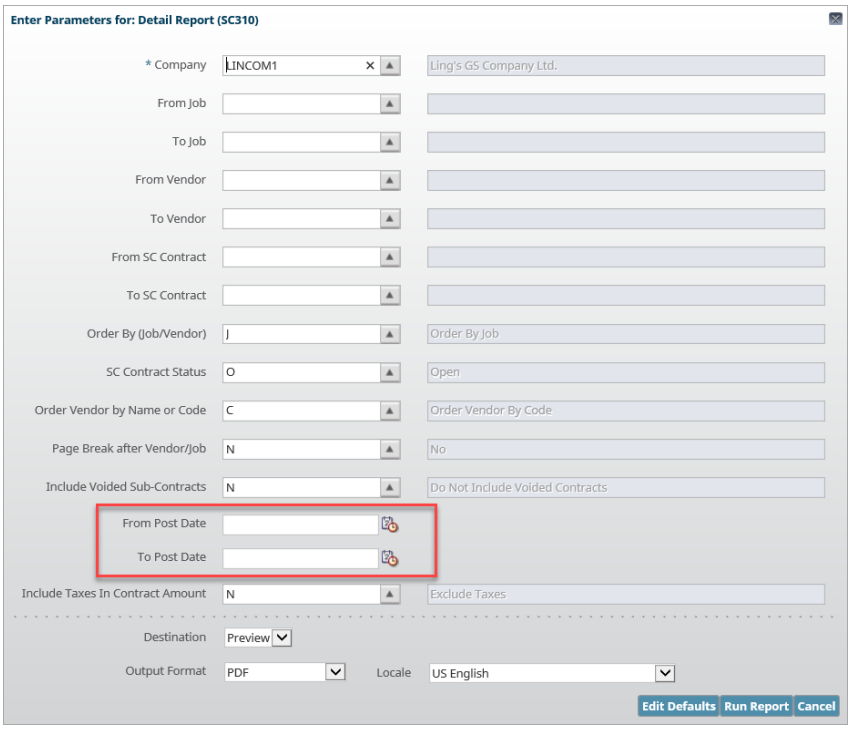


Subcontract Detail Report (SC310) Enhancement (19.74323)

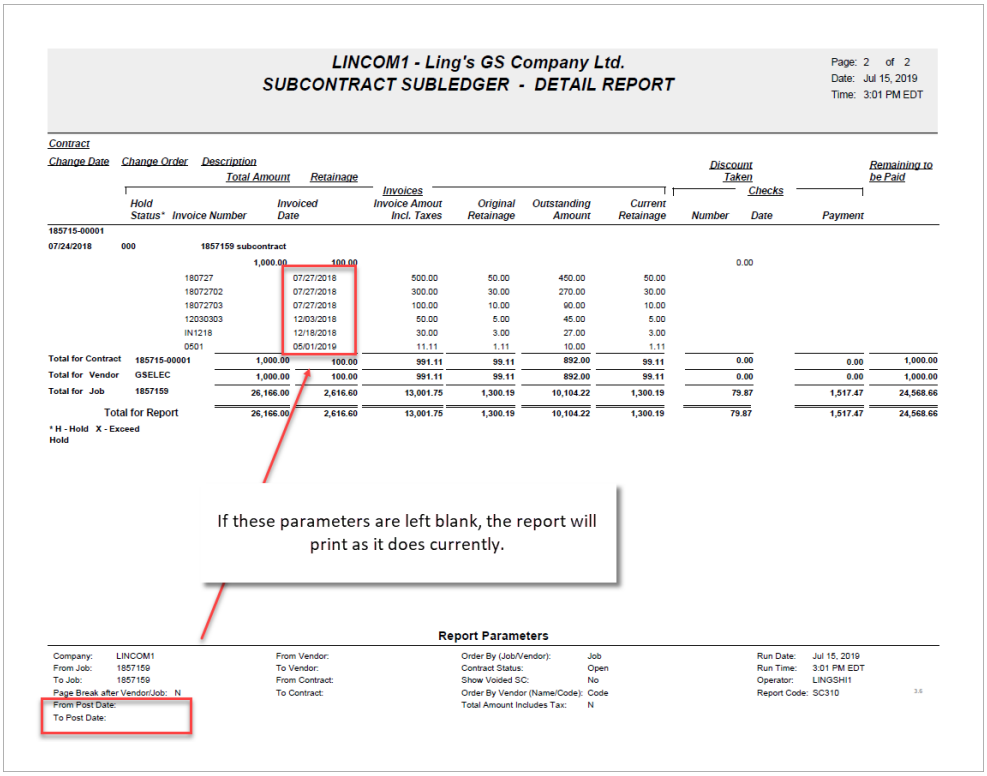
Add 2 new parameters to the SC Detail Report (SC310)

From Invoice Post Date

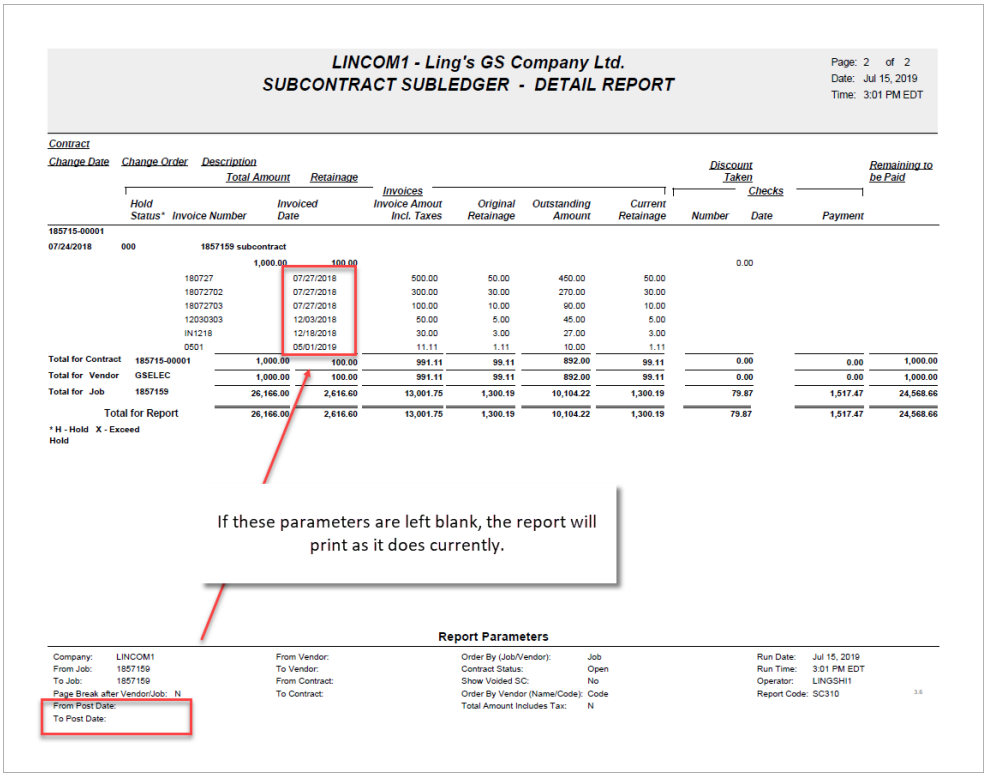
To Invoice Post Date



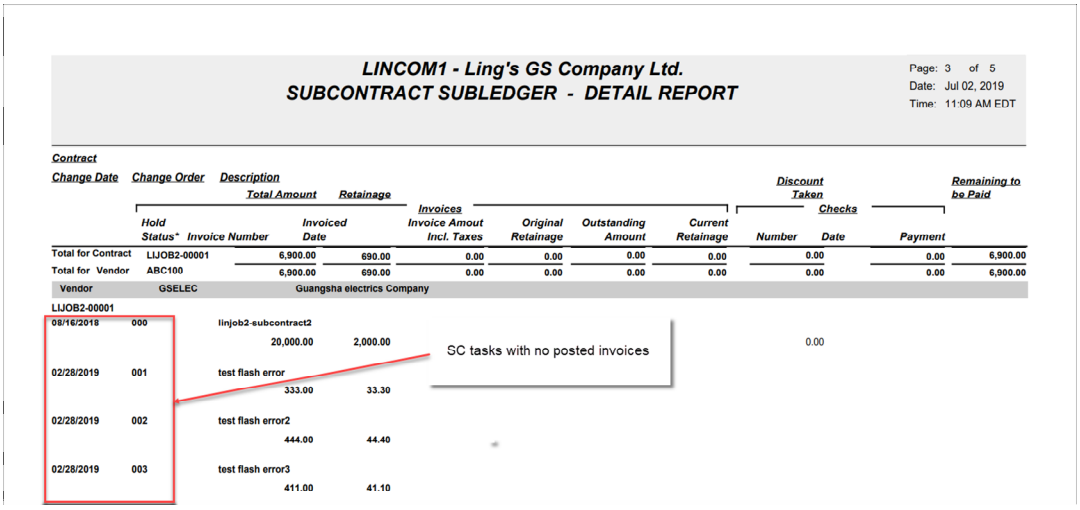
The objective of the parameters is to limit the output to the invoice postdate specified. No fields will be affected on the Report output.



NOTE: If these parameters are left blank, the report will print as it does currently. If specified, the RFPs will be limited to those within the specified date range.

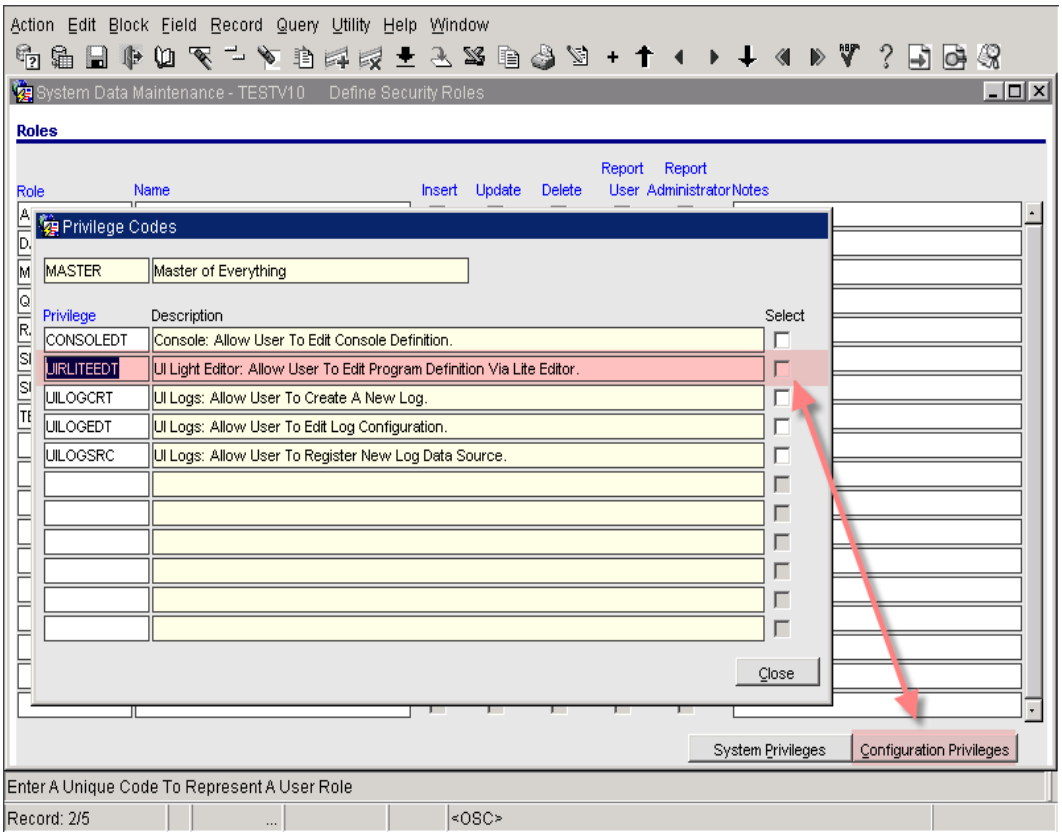


Please also be noted, if a subcontract doesn't have any posted invoices, it will still be printed with subcontract information.

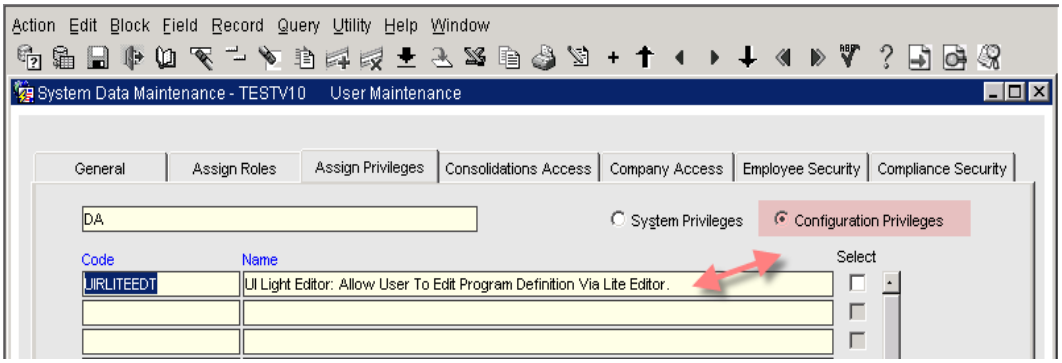


System Options/System Data

System Privileges (10.53981)

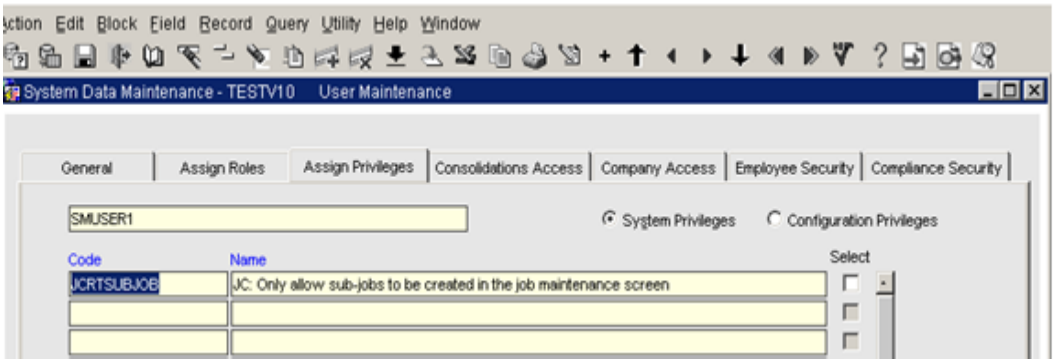


Role Maintenance and User Maintenance changes have been made to accommodate setting of various 'Configuration Privileges'. These configuration settings apply to the Console and UI Runtime screens.



Currently, only the 'UIRLITEEDT – UI Light Editor' is available. The other options shown above are planned for release in future patches. The default is to not allow users access to the Light Editor in the UI Runtime screens, and by adding this privilege to either roles or users, they would then have access to the light editor enabling them to change the UI screen they have.

Privilege to Create Only Sub-jobs (10.53331)



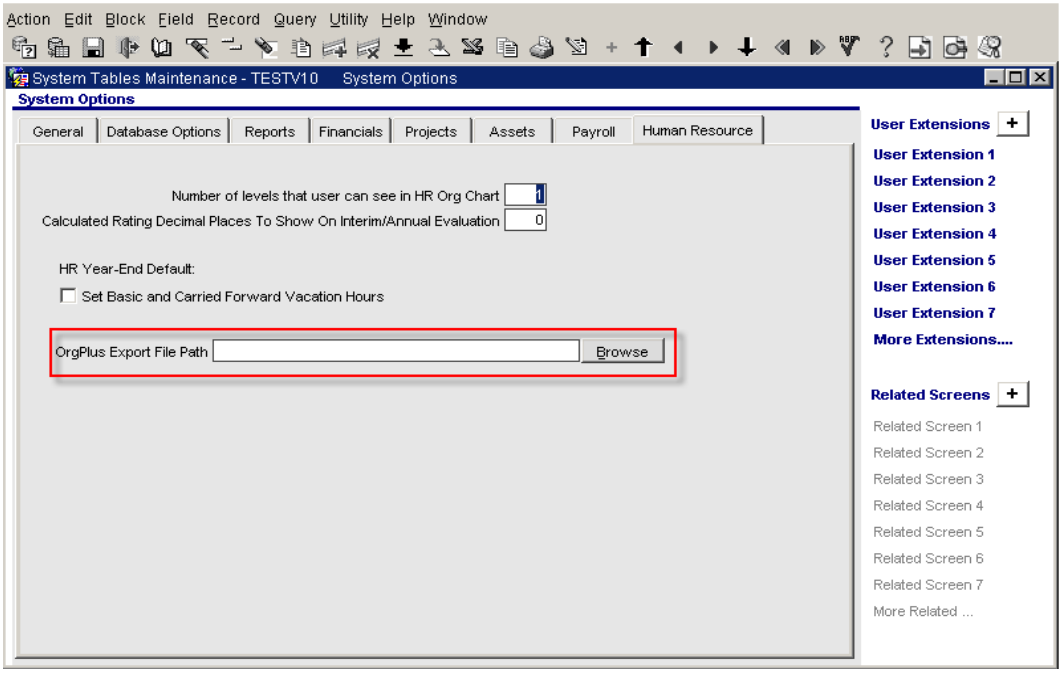
a) Added a user privilege '**Only allow sub-jobs to be created in the Job Maintenance Screen**'. By default this privilege is not applied to users (it is un-checked).

b) The **Job Setup** screen has been changed to verify the user/privilege combination and if this privilege is applied to the user (it is checked) the system does not allow the job record to be saved if the Control Job Code = 'ALL' . It instead displays an error message indicating that the user does not have access to create a controlling job in this program.

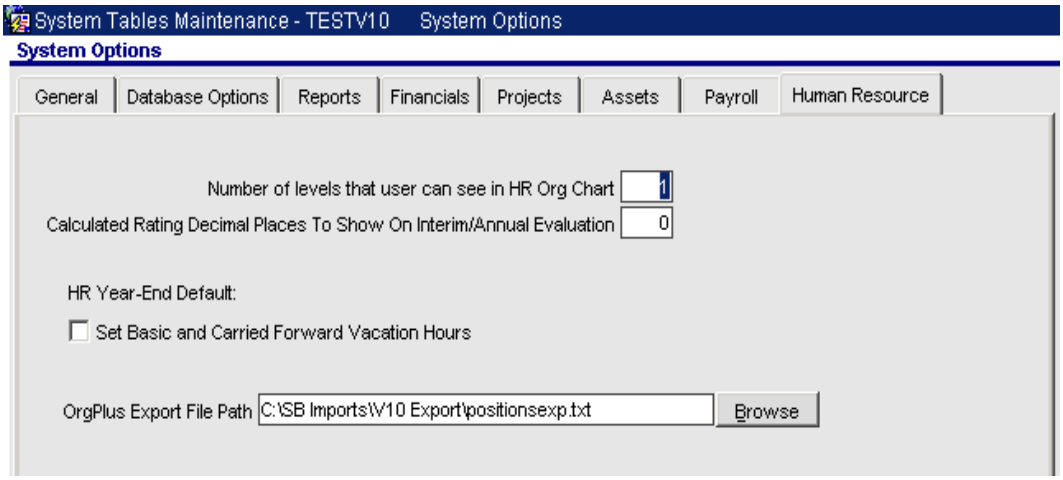
Overriding Category for AP/SC Vouchers (09.42455)

Added the user privilege '**JCAECCAT: Allows user to override the category for AP/SC vouchers**'. It must be un-checked for the user when using the Category Restrictions for AP and SC vouchers.

Export Org. Chart to OrgPlus (10.46985)



Added the '**OrgPlus Export File Path**' field to the Systems Options – Human Resource tab.



The export file is created in a .TXT or .CSV file from the 'Positions' table, and is limited to the data which is accessible from the Positions table.

The export function must be carried out through a **scheduled task**. This scheduled task will need to be set up on the application server, and using the Microsoft Scheduled Tasks feature to schedule (GetOrg.bat) according to the desired frequency. It will create the spreadsheet which can then be sent to OrgPlus.

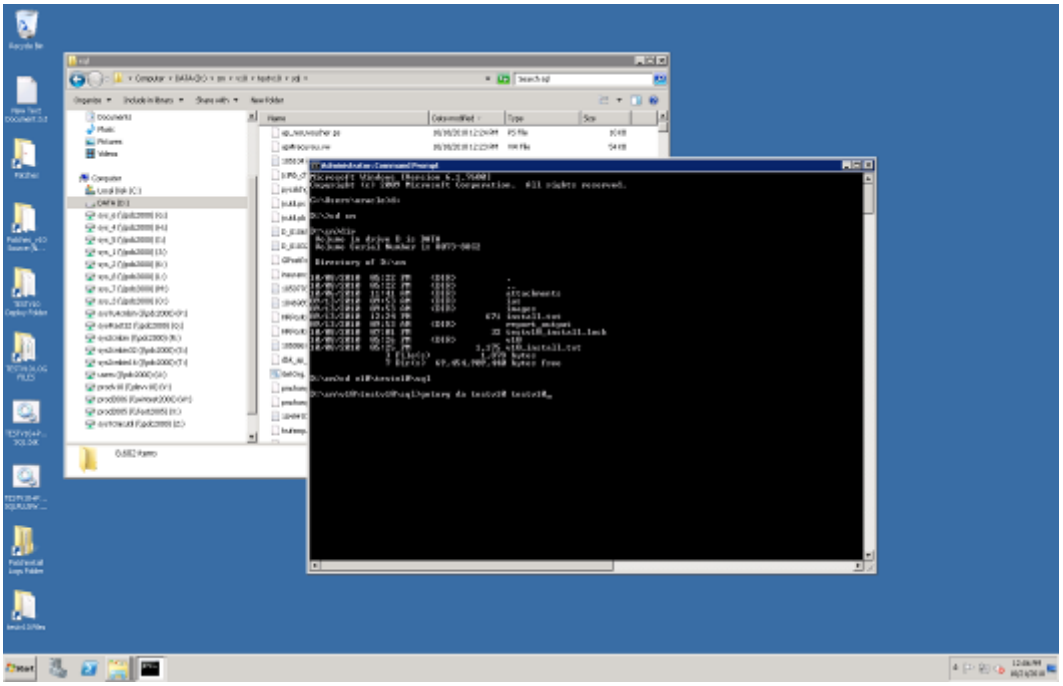
The process can also be run manually from a DOS prompt by making sure the file from the work item is located on the right server before running the process.

Example

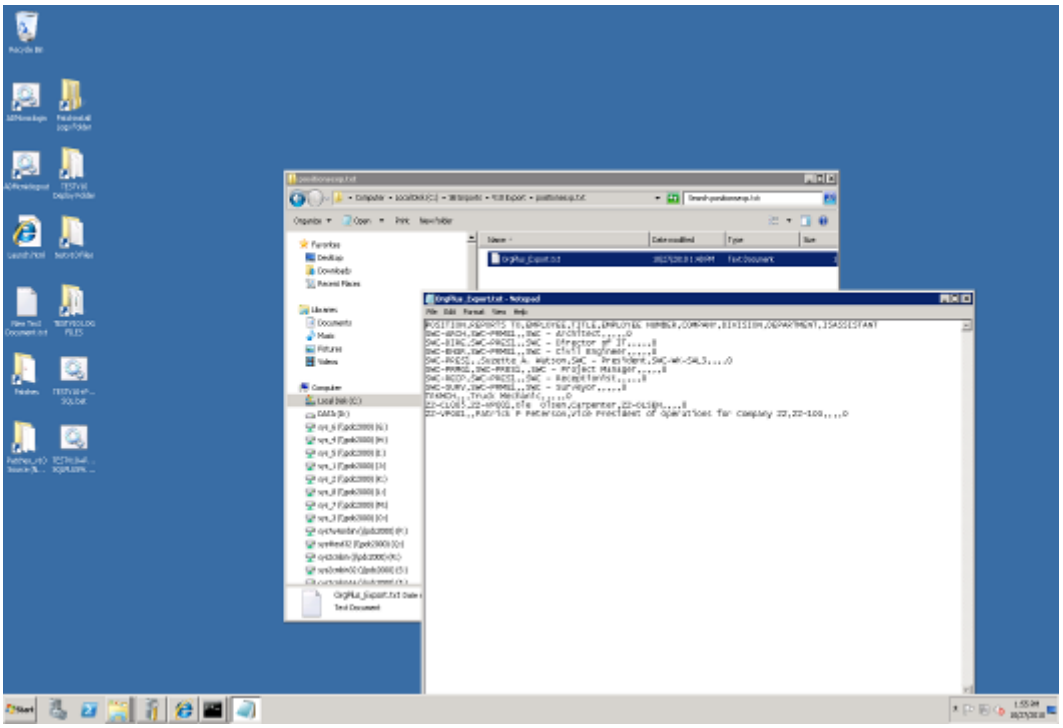
To run the process (GetOrg.bat), enter the following at the DOS prompt of the applicable server, making sure to enter the database user, password and database name parameters in the order shown below:

GetOrg [database username] [database user password] [database name]

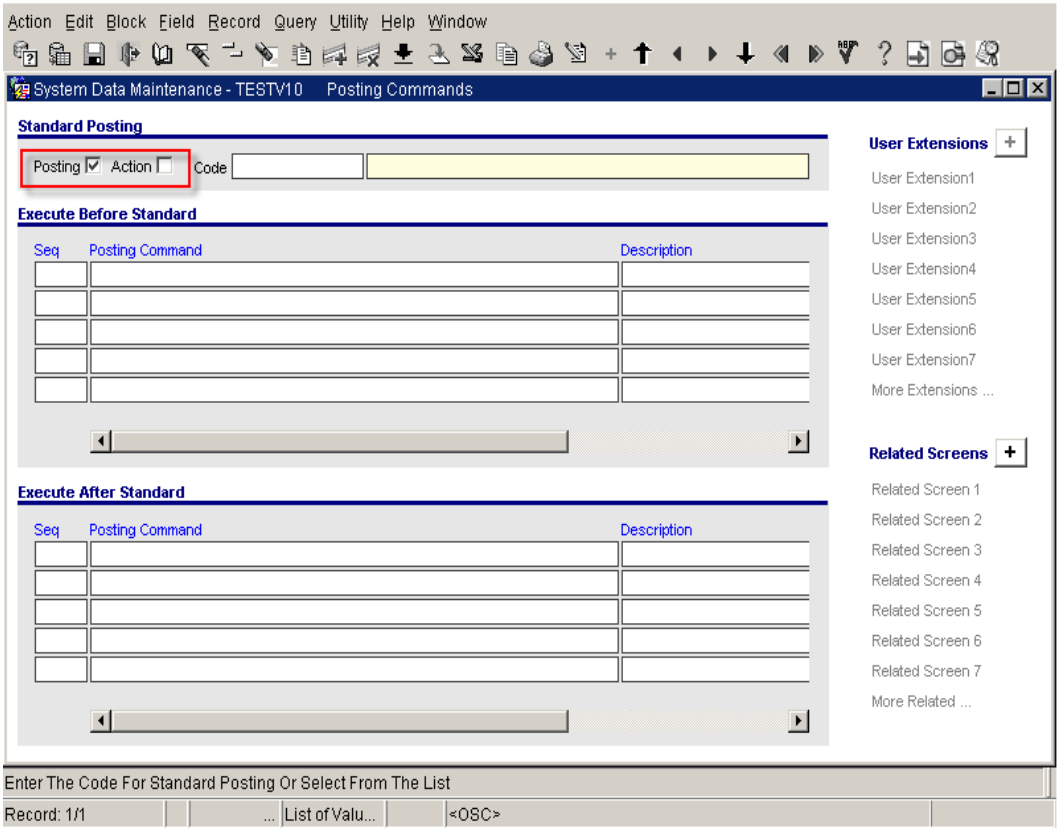
Example: GetOrg dauser dapassword devv10database



The Result:



Custom Commands Options (11.55549)



The **Posting Commands** program allows the calling of custom procedures for Posting or certain other Actions. It is accessed via the path: ***System > User Extensions > Posting Maintenance.***

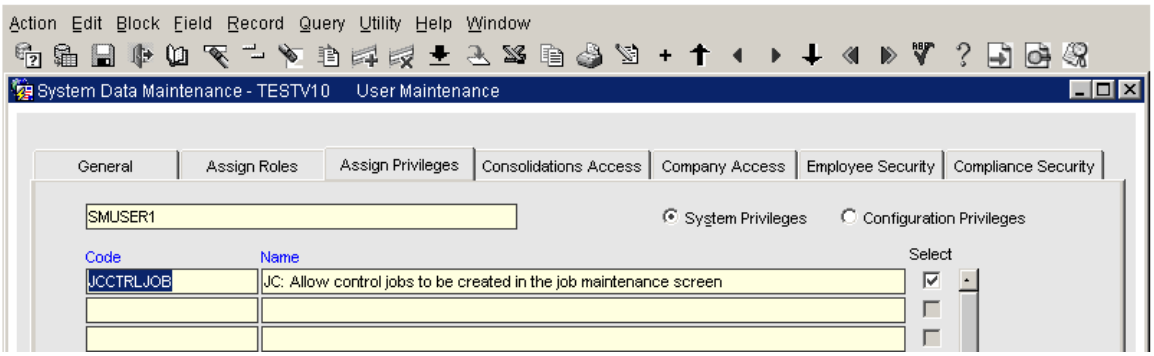
CMiC has added the flags '**Posting**' and '**Action**' to the Posting Commands screen. By default, the flag is set at 'Posting' to retain standard functionality.

When 'Posting' is selected, the Code LOV will show 'posting' codes. If 'Action' is checked, the LOV will show 'action' codes. When both are checked, the LOV shows the full list.

Three Action codes have been added to the system:

- ADDPHSCAT - Adding Category To Job Phase
- BIDIMPJVAL - Bid Item Import Validation (JSP Only)
- BIDIMP_VAL - Bid Item Import Validation (Forms Only)

Privilege to Create Controlling Jobs (11.62408)



Introduced a new privilege " **JCCTRLJOB – JC: Allow Control jobs to be created in the job maintenance screen**" . By default this privilege will be assigned to all users. It is meant to replace the removed privilege (JCRTSUBJOB – Only allow sub-jobs to be created in the job maintenance screen – see **10.53331**) previously added, that allowed only Sub Job creation where the user was assigned the privilege.

Text Codes Restriction Removed (11.63312)

Modifications have been applied to remove the restriction that Text Type-Text Codes combinations must be unique regardless of company. The same text type-text code combination can now be defined in multiple companies (even though the actual code descriptions might be different):

Example:

Company ZZZ

Text Type = ZZ-PY (Description = Payroll and HR)

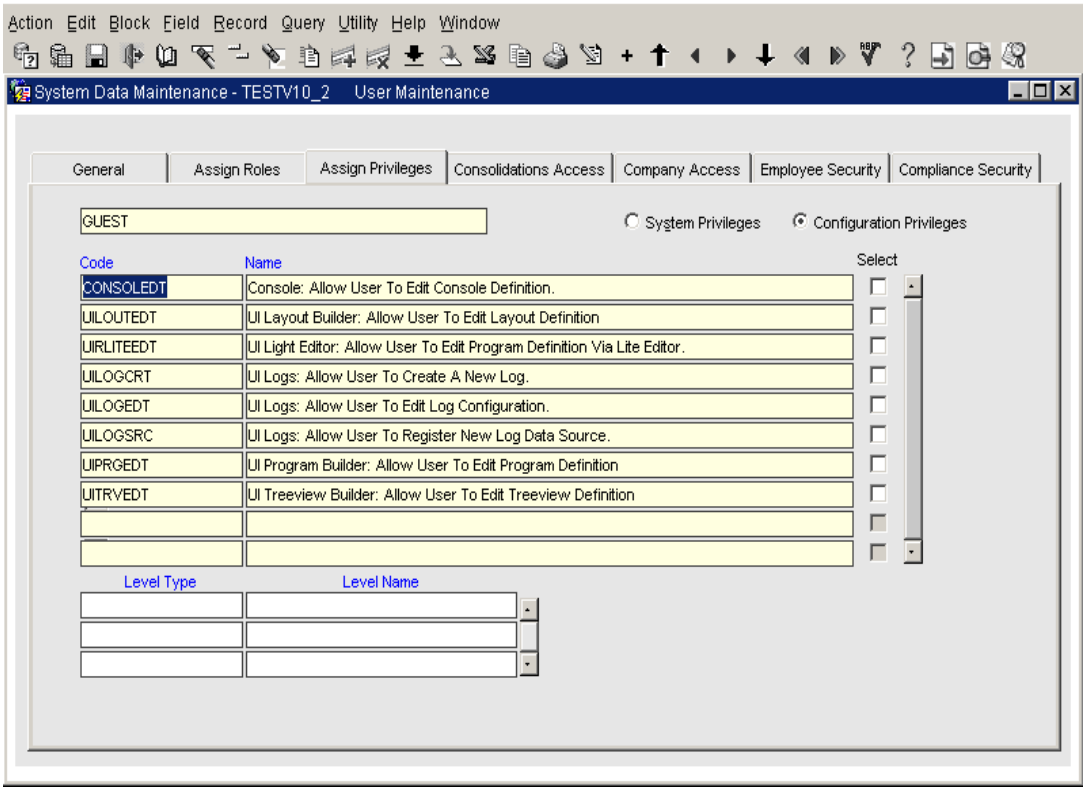
Text Code = ZZ-HIRE (Description = Employees and other)

Company CCC

Text Type = ZZ-PY (Description = Payroll only)

Text Code = ZZ-HIRE (Description = Employees Hired)

User Maintenance (Forms) Configuration Privileges (12.65669)

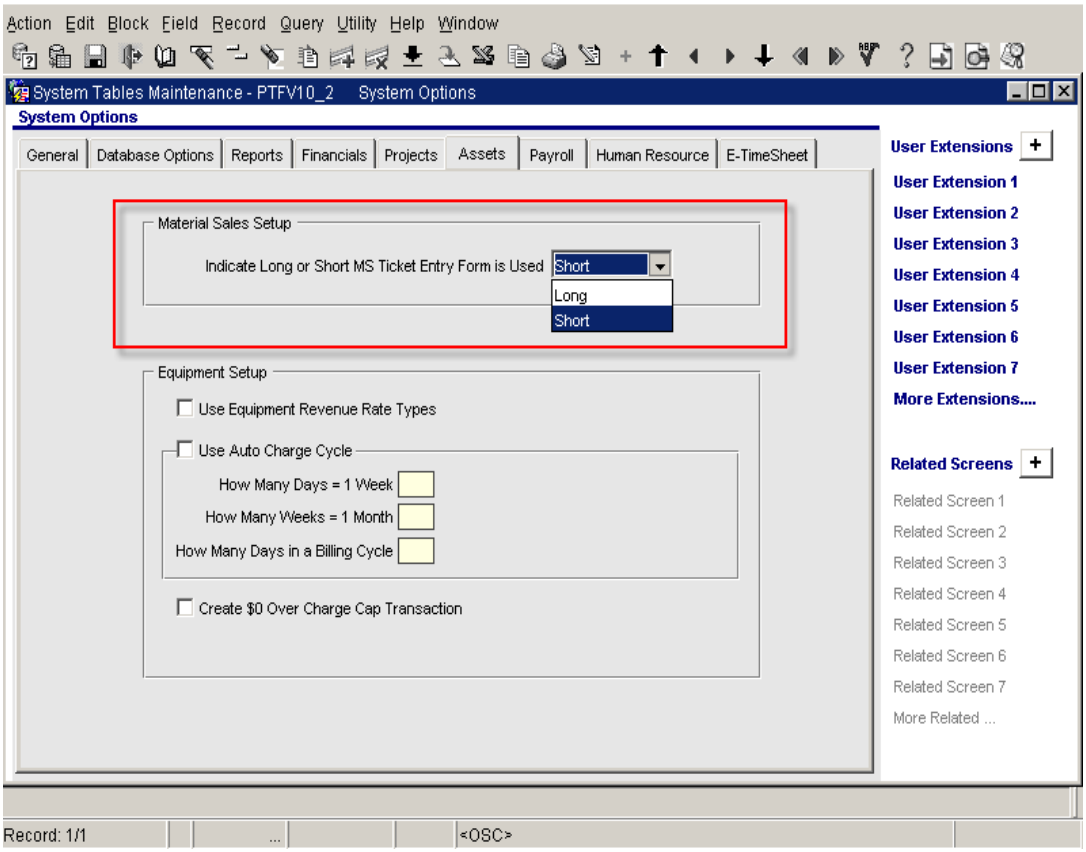


The User Maintenance form - Configuration Privileges option has been modified to include the ability to assign Level Type and Level Name for each configuration privilege.

Also, copying one user settings into another one has been modified as follows:

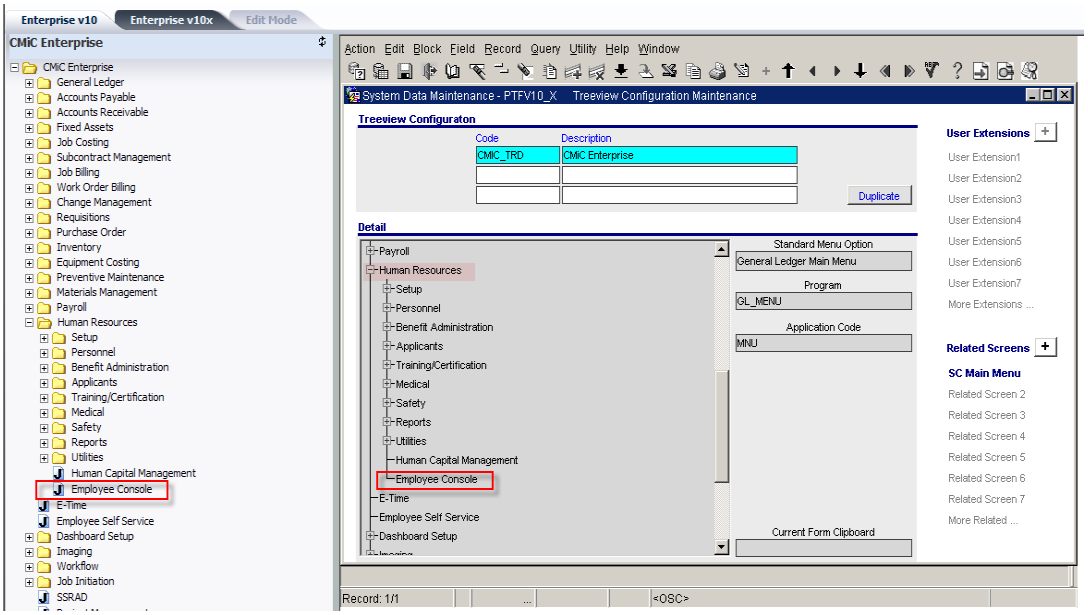
> If on the FROM User a configuration editing privilege level is set to USER, and the corresponding level name is the same as the FROM Username, then when copying these settings to the TO User, the level name is changed to 'mine'. If there is already the same combination of Level Type and Level Name ('User'/'mine'), then no record is inserted at all.

Long or Short MS Ticket Entry Form (12.66751)



Added an indicator on the Assets tab to use long or short MS Ticket Entry form. The Long form will show all the fields in the Ticket Entry screen, whereas the Short form will exclude From Zone, To Zone, Total A/C %, Max. Protection %, Min. Protection %, Min. Qty and Pay Amounts, Trucker Surcharges, Delivery Charges and Surcharges.

Employee Console on Standard Enterprise Tree-view (11.56413)



The Standard Enterprise Tree-view has been modified to include a menu item for Employee Console under Human Resources.

Bluebeam® Viewer Integration with CMiC (13.79383)

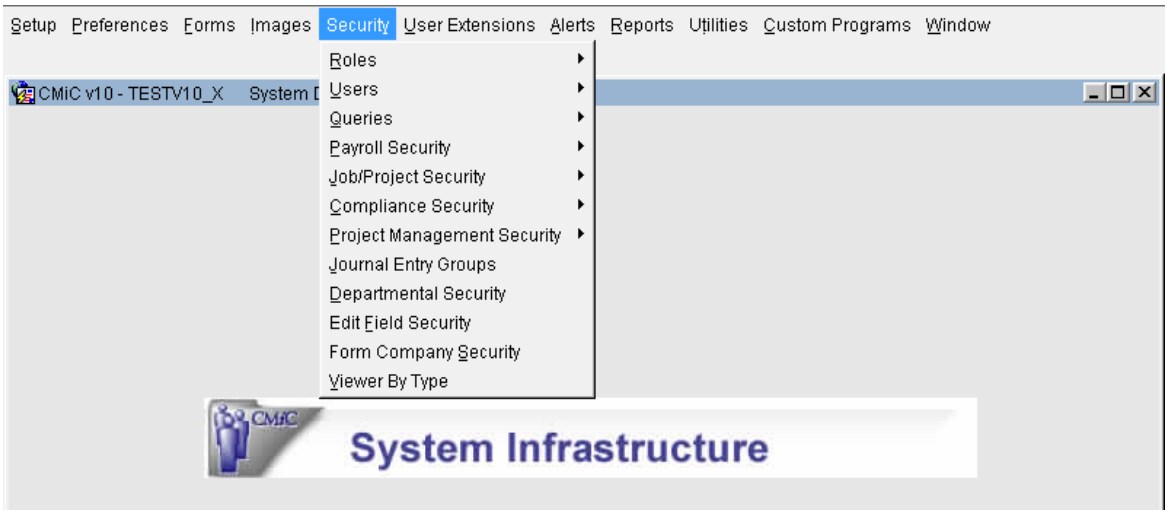
Bluebeam viewer support for opening .PDF file types from PMJSP and upon review/addition of markups, 'Save' as a revision to the document in CMiC

Pre-Requisites:

1. CMiC licensing for using the Bluebeam Viewer to open PDF documents from within CMiC applications.
2. Bluebeam Viewer program must be installed on all required desktops (Licensing may be required from Bluebeam Software).
3. Configure the CMIC application to open the PDF files with Bluebeam viewer

Implementation:

Viewer Types to support Bluebeam viewer integration are added to the System Data.

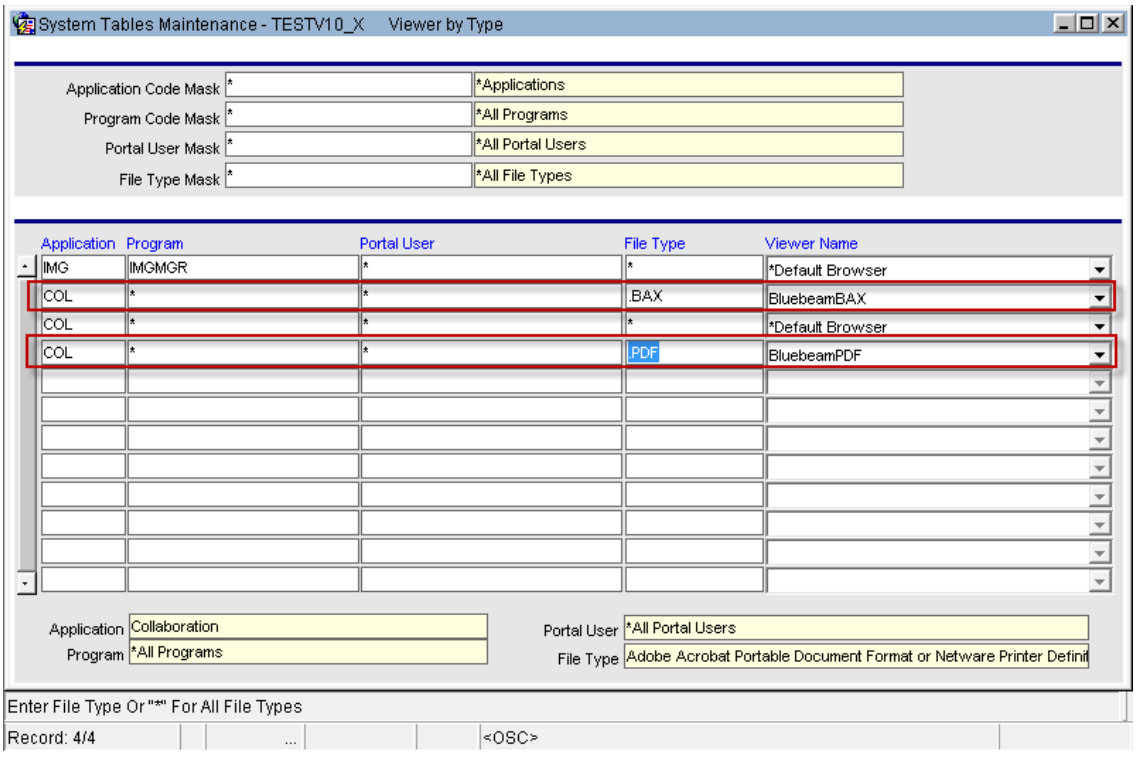


Users have to configure the system as shown, in order to successfully use this feature.

The 'Viewer By Type' program allows the users to specify viewer by various application codes.

Select 'COL' in the header block, which is PMJSP ‘Collaboration’ application and if required, select other filters available or leave as * to indicate wild card selection.

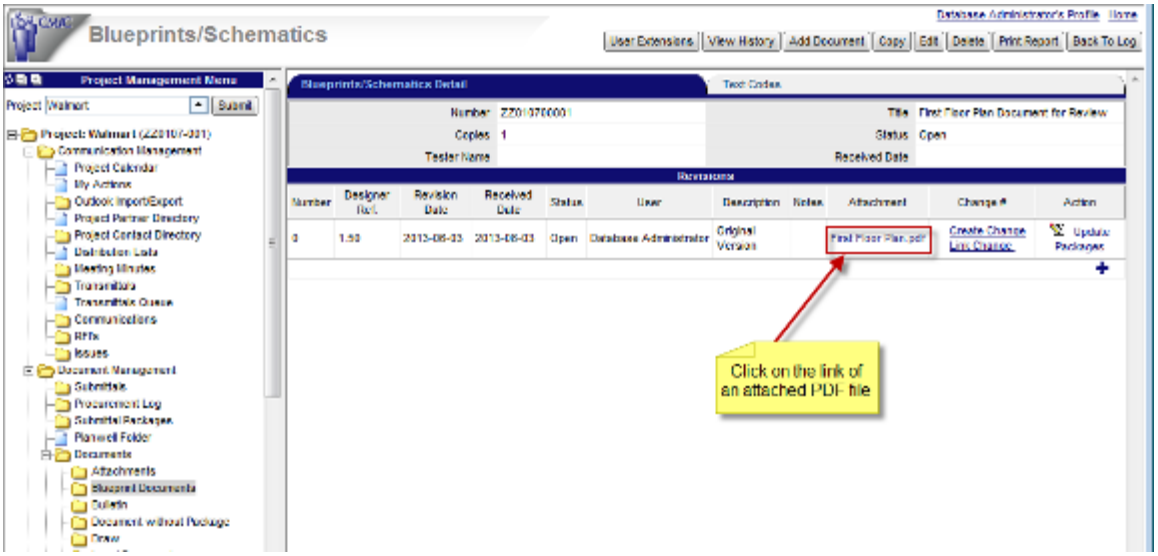
In the details block, select the .PDF file type and the viewer as 'BluebeamPDF' from the drop down list. Also select, ‘.BAX’ file type and the viewer as 'BluebeamBAX' and commit.



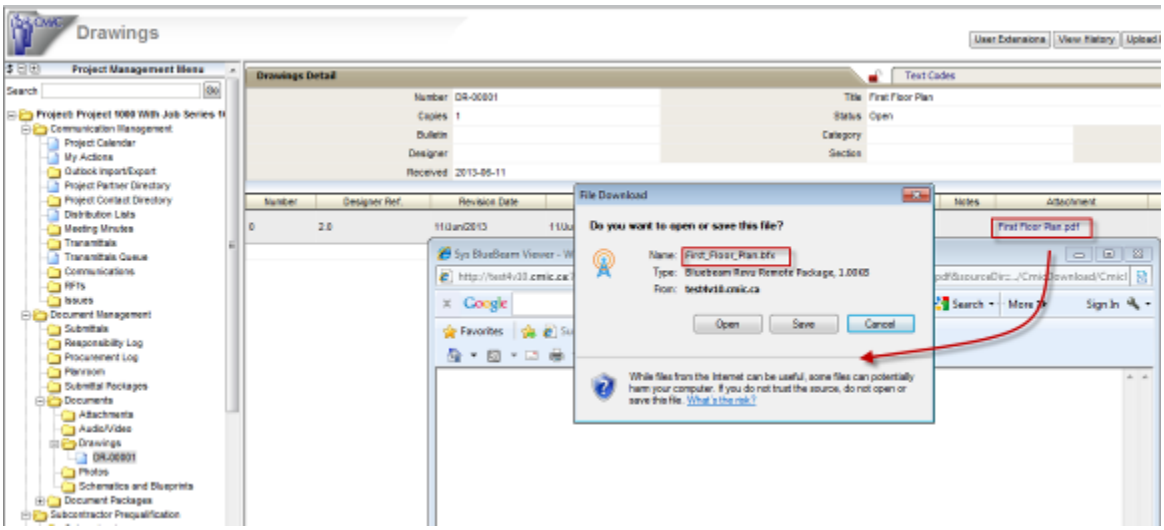
The 'Viewer By Type' program allows the users to specify viewer by various application codes.

Select 'COL' in the header block, which is PMJSP ‘Collaboration’ application and if required, select other filters available or leave as * to indicate wild card selection.

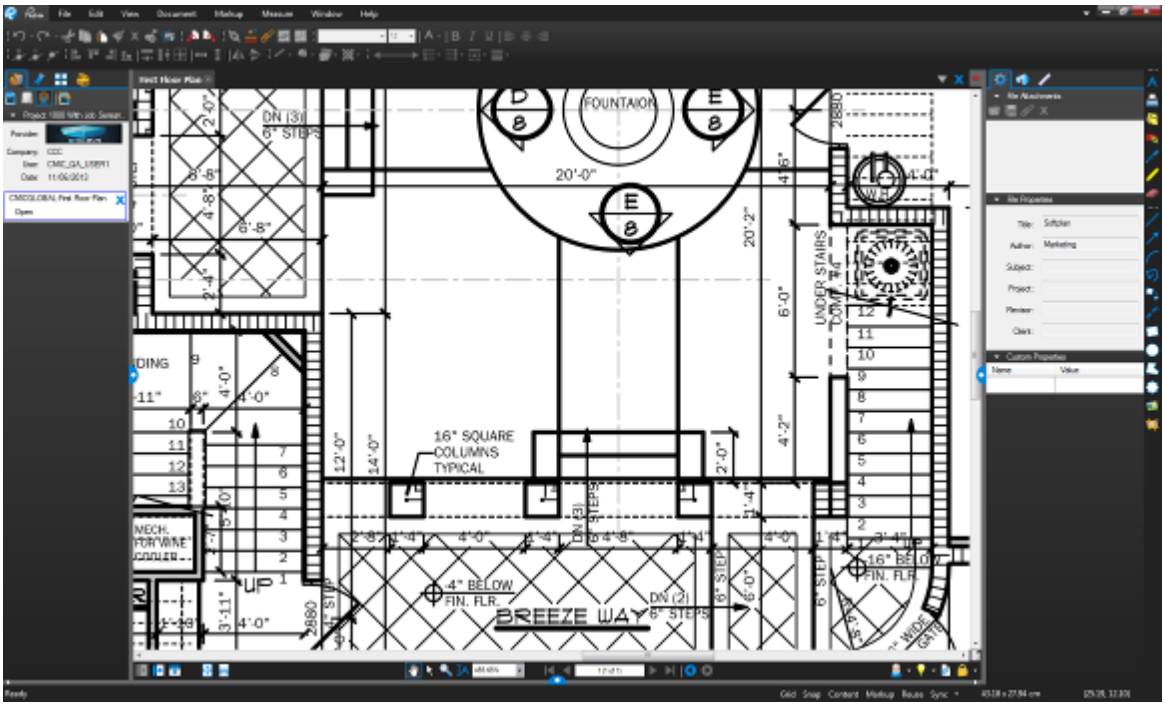
In the details block, select the .PDF file type and the viewer as 'BluebeamPDF' from the drop down list. Also Select .BAX file type and the viewer as 'BluebeamBAX' and commit.



Once, configured as shown above, users may click on any pdf document attached within PMJSP application to open in Bluebeam Viewer.

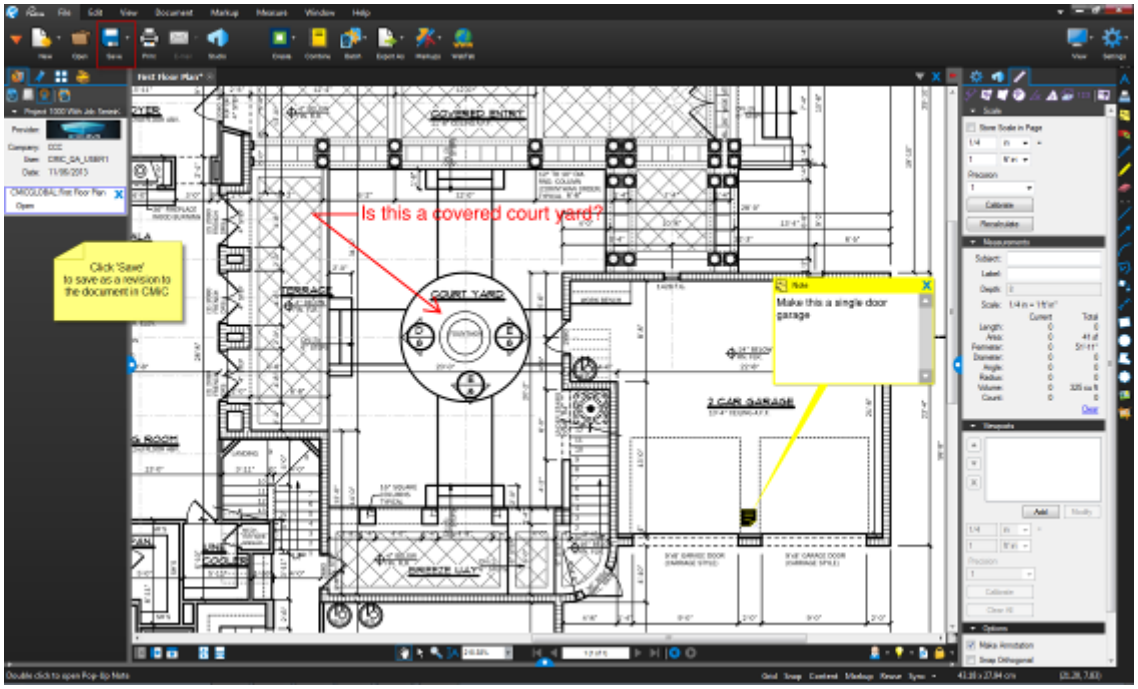


The 'File Download' dialogue shows the file name with an extension of .BFX. Click on 'Open' button and the PDF document opens in Bluebeam viewer installed on the current desktop.



The pdf file now opens in 'Bluebeam Viewer' program. Users may use various tools available within and add markups as required.

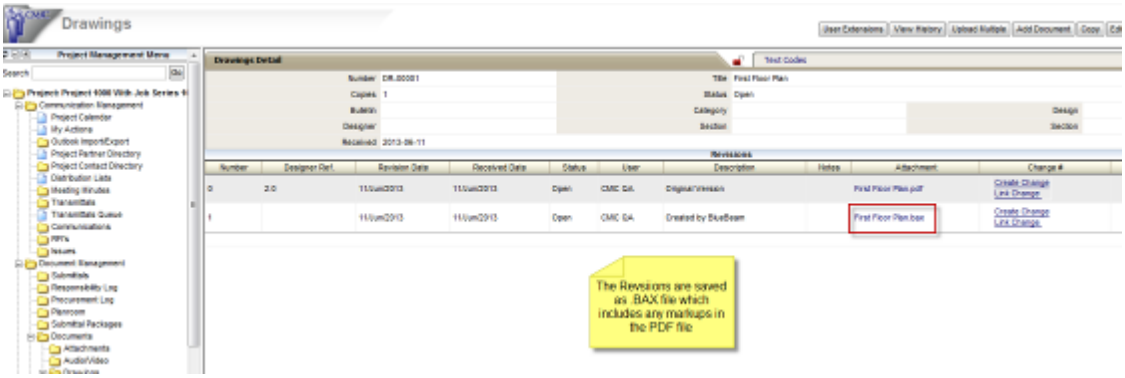
There is a 'File Details' panel on the left of the screen. This Panel shows the information about the current document such as Project Name, Provider Name, User name, Date of Creation, Document Name and its status (close or open in Bluebeam).

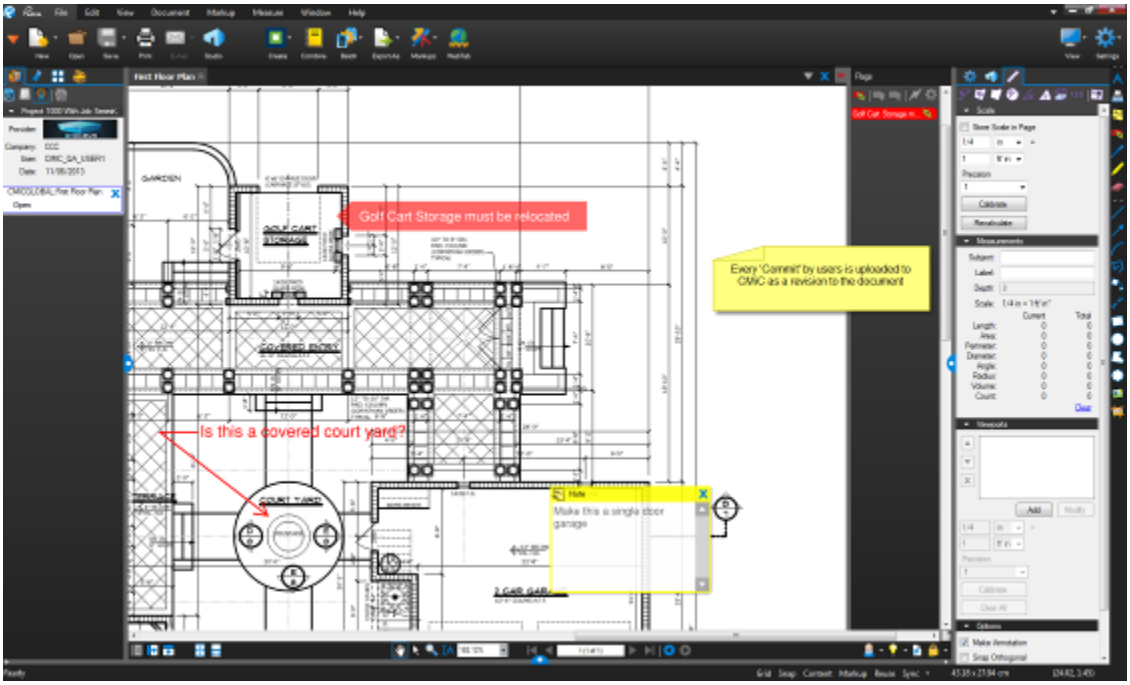


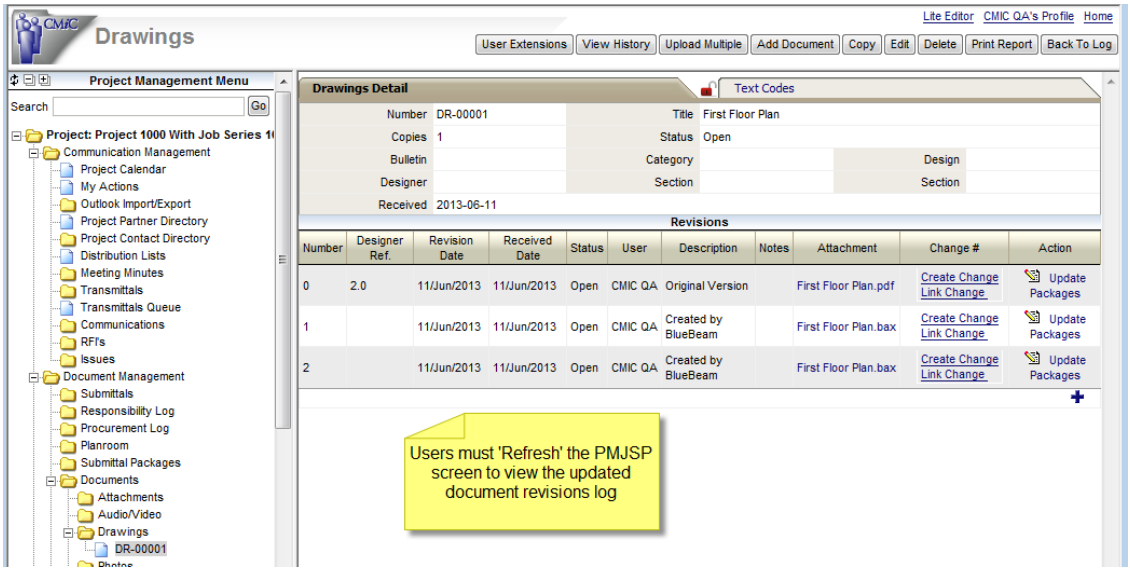
Once Markups are added, click on 'Save', which uploads the document to CMiC, as revision to the main document, but with the file extension .BAX

It must be noted that, the 'Save' button is NOT enabled until any update is performed using bluebeam. Once committed, the document gets a revision number and uploaded to CMiC.

If, users continue to add markups and perform multiple commits, there will be a new revision uploaded for each commit by the user.







Now in CMiC PMJSP application, users will be able to see the document revision in the log. (Refresh required, if the screen is opened prior to revision upload.)

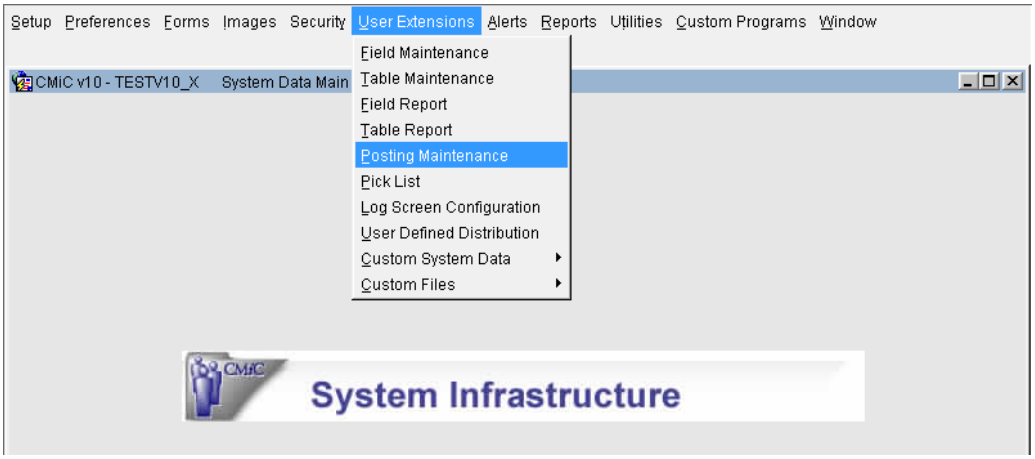
When users click on the .BAX file, the Bluebeam program opens as .BFX file and users may continue to add markups and commit.

Posting Maintenance - Added 'SCPOST'(13.78413)

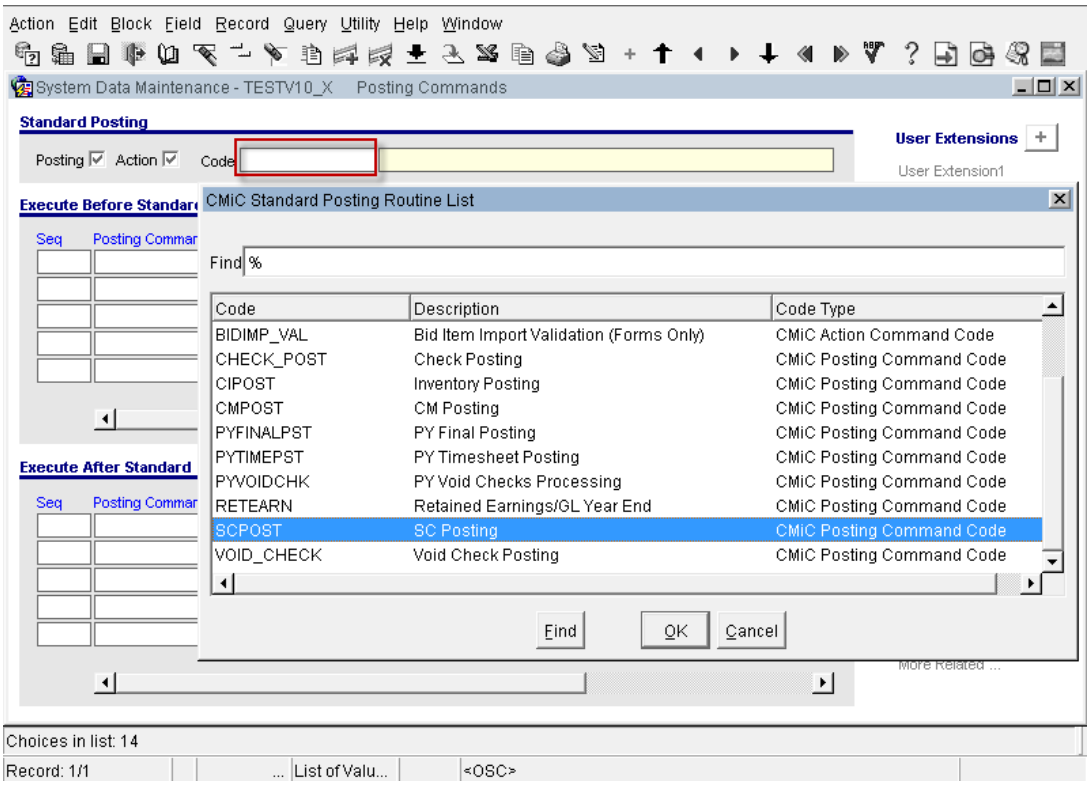
Adding SCPOST in the available list of posting options in Posting Maintenance program

Modifications:

The Posting Maintenance screen allows users to customize the posting routines within the system. For each posting program within the system, users may call an additional routine before or after the standard posting program.



System Infrastructure>User Extensions>Posting Maintenance

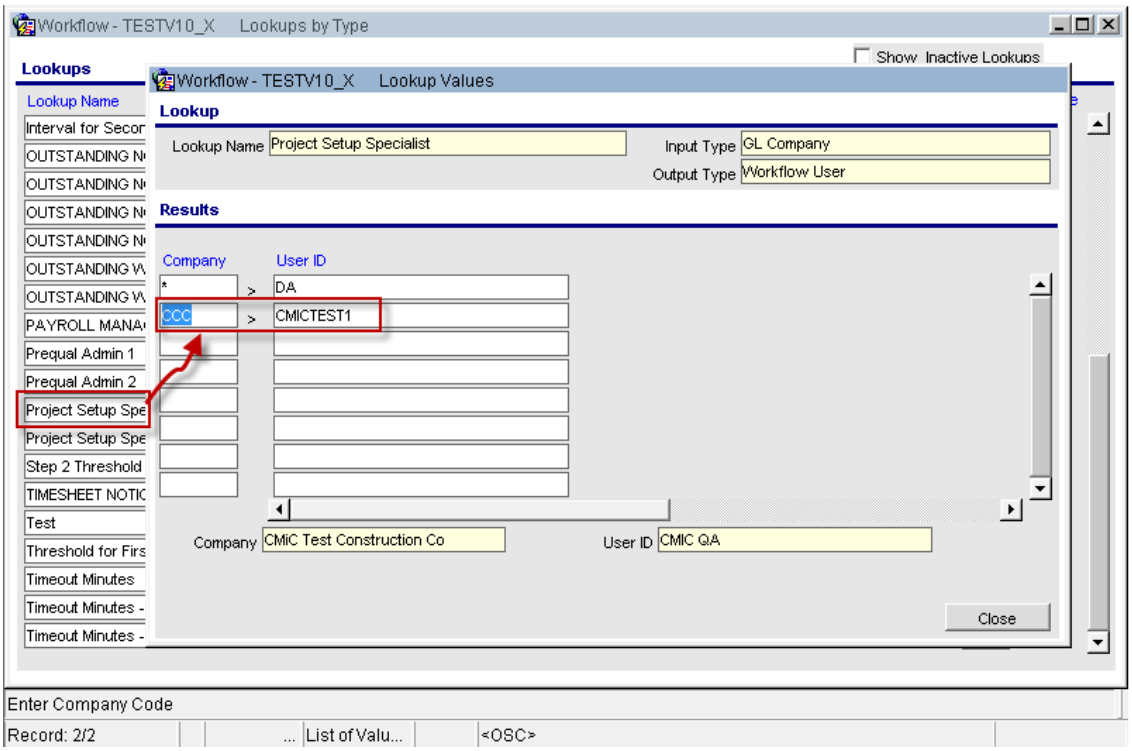


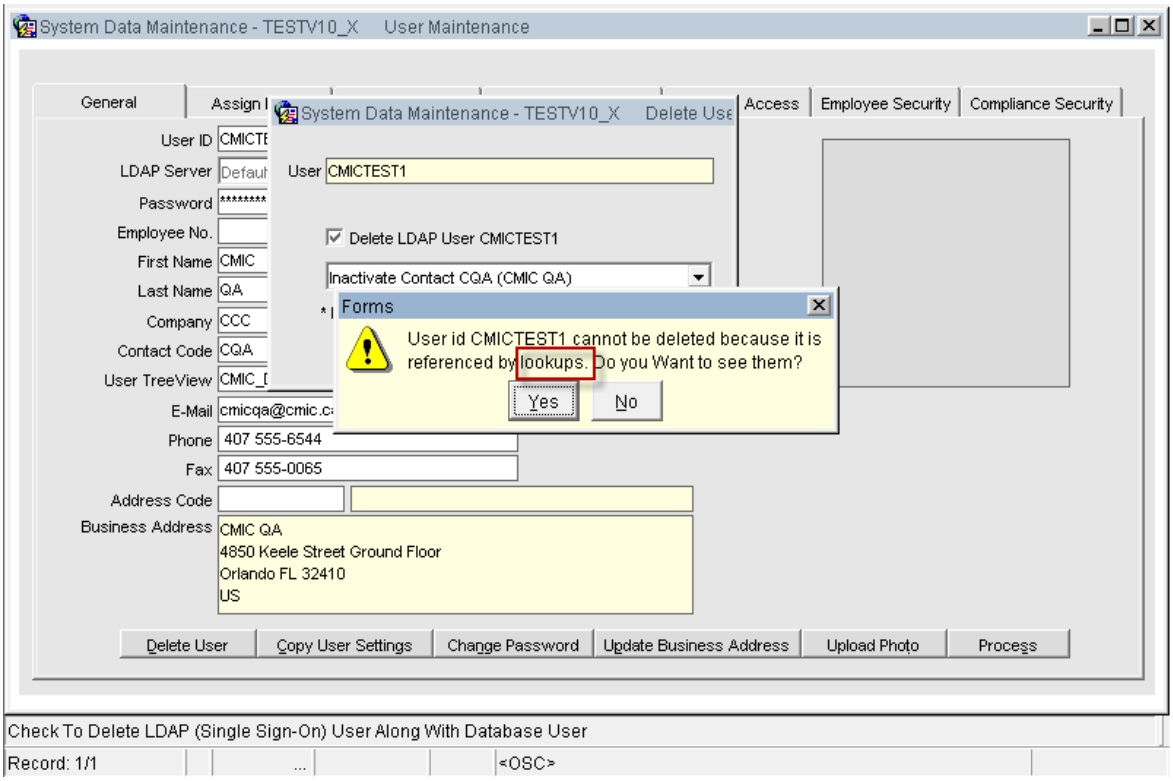
sdupfm.fmx

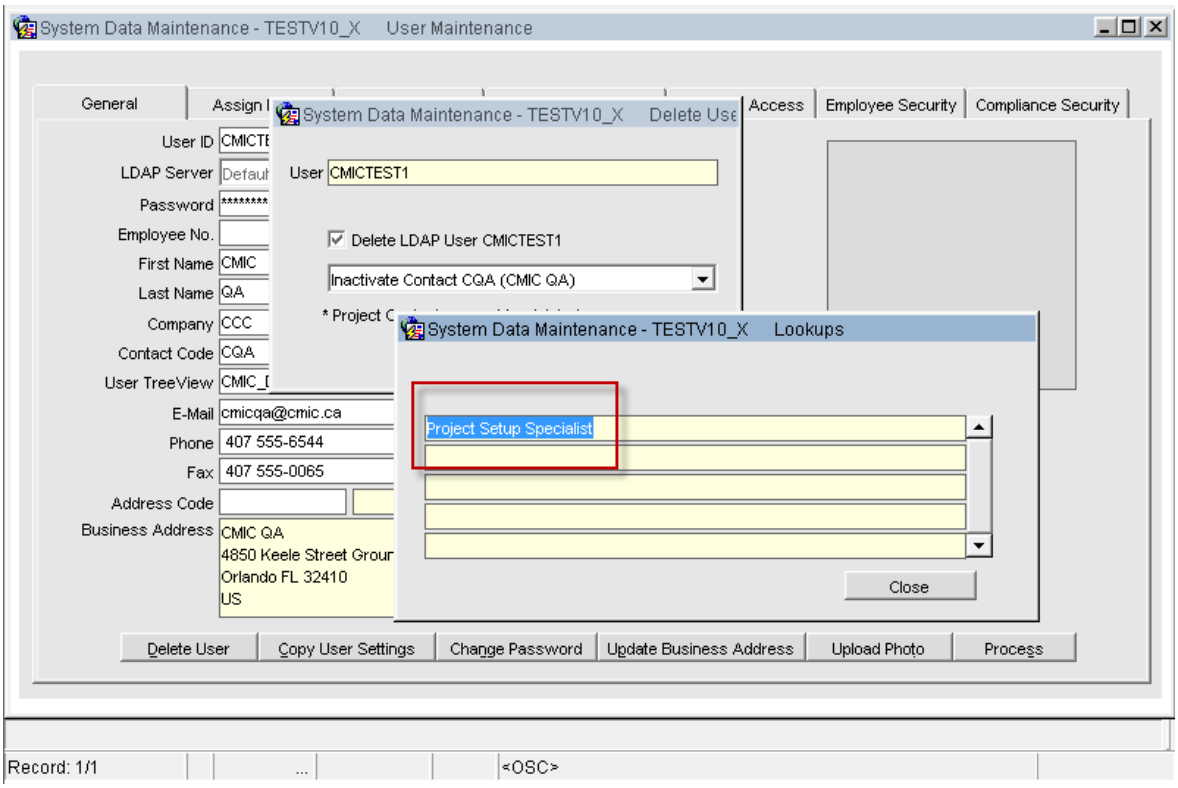
The List of values in Standard Posting Code is added with 'SCPOST'.

Enterprise User Deletion 'Lookup' Validation Message (12.74461)

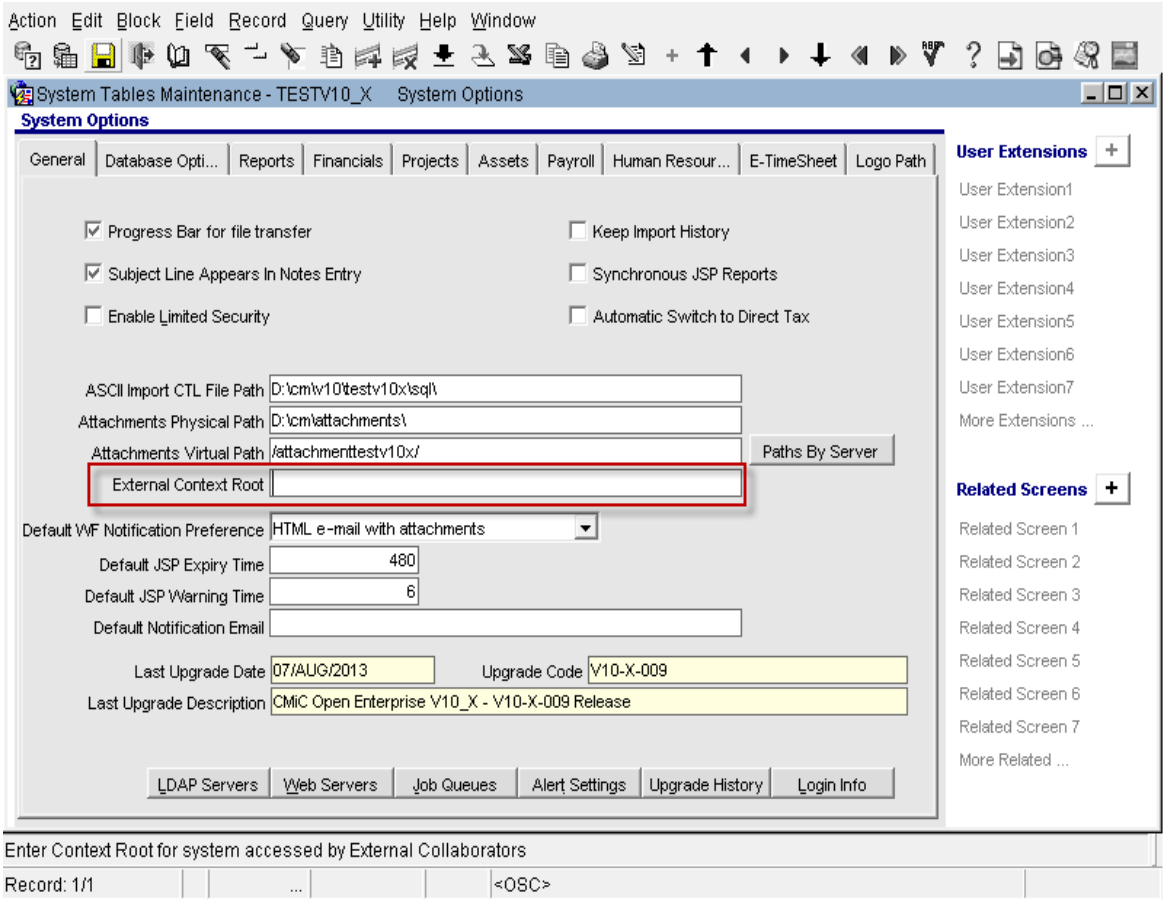
When deleting an enterprise user, the program validates whether the user is being referenced in Workflow 'Resource Lookup Maintenance', and displays the list. Users have to remove the reference(s) and then try deleting the user again.


Workflow - TESTV10_X Lookups by Type
Show Inactive Lookups
Lookups
Lookup Name
Workflow - TESTV10_X Lookup Values
Lookup
Lookup Name Project Setup Specialist
Input Type GL Company
Output Type Workflow User
Results
Company
User ID
DA
CMICTEST1
Company CMiC Test Construction Co
User ID CMIC QA
Close
Enter Company Code
Record: 2/2
List of Valu...
<OSC>


System Data Maintenance - TESTV10_X User Maintenance
General
Access
Employee Security
Compliance Security
System Data Maintenance - TESTV10_X
User ID
LDAP Server
Password
Employee No.
First Name
Last Name
Company
Contact Code
User TreeView
E-Mail
Phone
Fax
Address Code
Business Address
User CMICTEST1
Delete LDAP User CMICTEST1
Inactivate Contact CQA (CMIC QA)
Forms
User id CMICTEST1 cannot be deleted because it is referenced by lookups. Do you Want to see them?
Yes
No
407 555-6544
407 555-0065
CMIC QA
4850 Keele Street Ground Floor
Orlando FL 32410
US
Delete User
Copy User Settings
Change Password
Update Business Address
Upload Photo
Process
Check To Delete LDAP (Single Sign-On) User Along With Database User
Record: 1/1
<OSC>


System Data Maintenance - TESTV10_X User Maintenance
General
Assign I
Access
Employee Security
Compliance Security
User ID
LDAP Server
Password
Employee No.
First Name
Last Name
Company
Contact Code
User TreeView
E-Mail
Phone
Fax
Address Code
Business Address
cmicqa@cmic.ca
407 555-6544
407 555-0065
CMIC QA
4850 Keele Street Grour
Orlando FL 32410
US
System Data Maintenance - TESTV10_X Delete Use
User CMICTEST1
Delete LDAP User CMICTEST1
Inactivate Contact CQA (CMIC QA)
System Data Maintenance - TESTV10_X Lookups
Project Setup Specialist
Close
Delete User
Copy User Settings
Change Password
Update Business Address
Upload Photo
Process
Record: 1/1
<OSC>

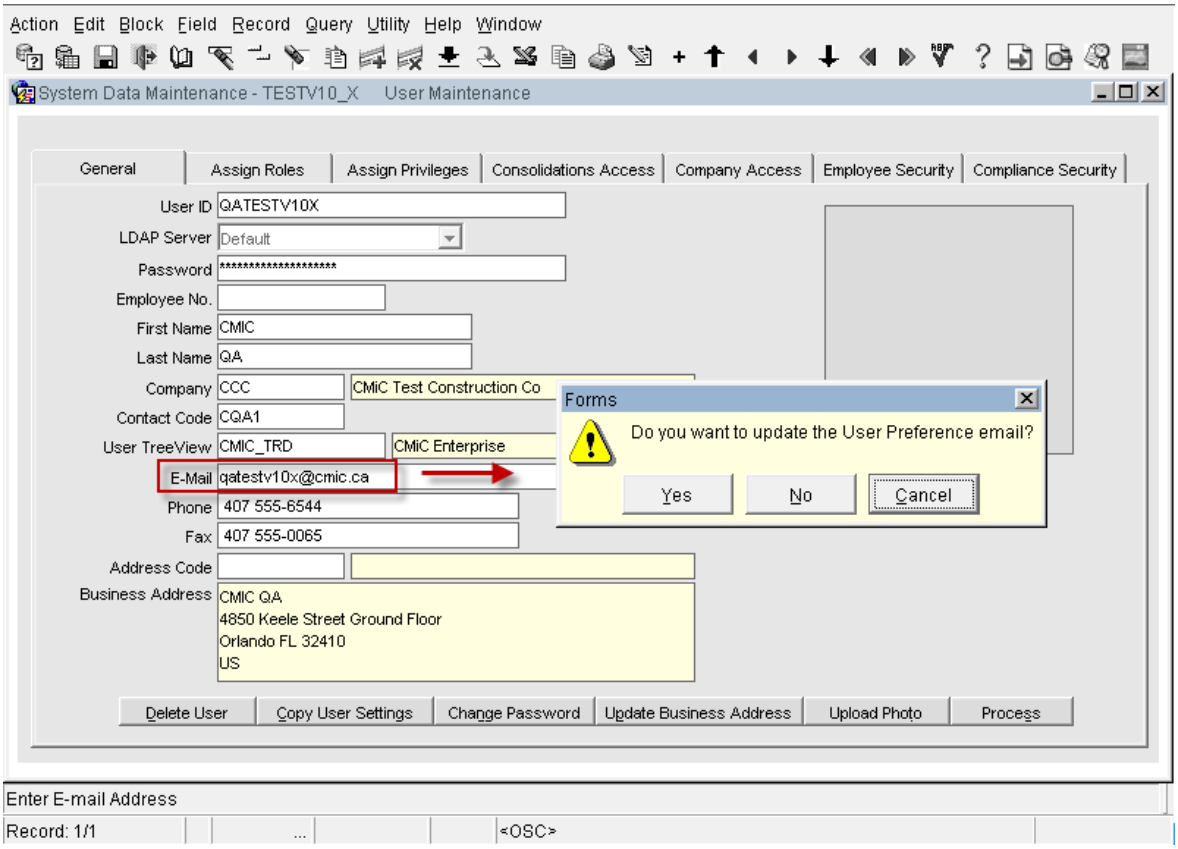
External Context Root in Systems Option (13.76889)



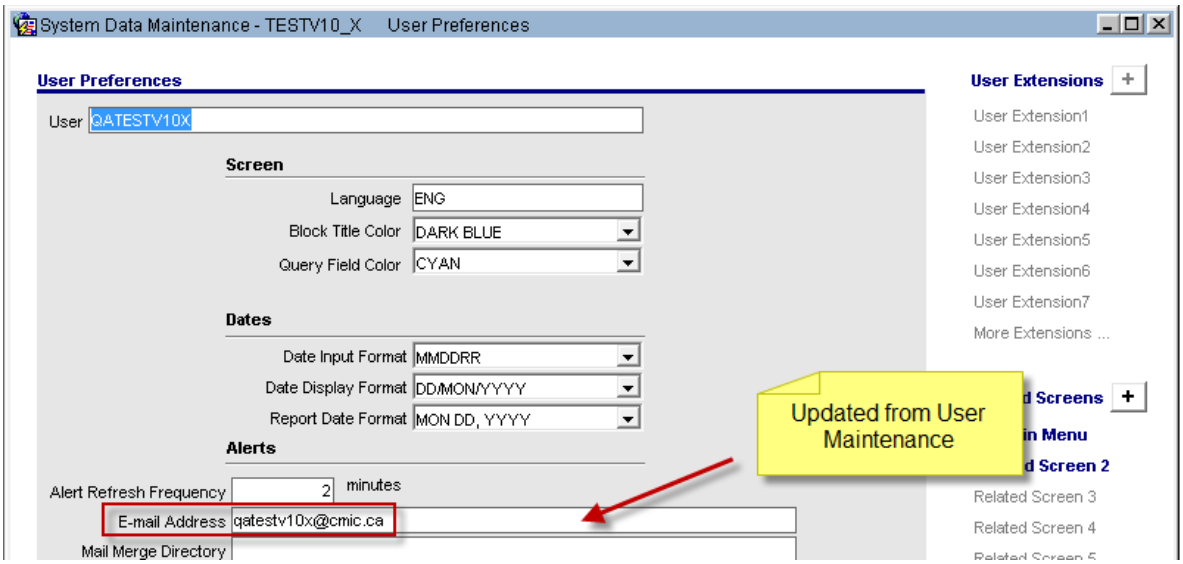
The field '**External Context Root**' has been added to the CMiC Enterprise System Options – General tab. This field is currently used to specify the context root url that should be accessed by external collaborators for responding to a PCI RFQ Broadcast.

When entered, it will be used when generating the link for the RFQ broadcast e-mail that goes out to vendors. When the field is left blank, the system will behave as it currently does.

User Maintenance Form - Update of Email ID (13.77321)



The User Maintenance form is modified that, when E-Mail ID field is updated, an alert message to update the 'User Preference' E-Mail ID pops up, with options 'Yes/No/Cancel'. When users press 'Yes', the User preference E-Mail ID will be updated.



'Action' commands build related to Job Phase/Category (13.81182)

Read this Note before proceeding further:

All points of entry of phases/categories against a job such as Assign Phases Screen, Job Budget Import, Bid Item Import, Create Phases on the fly etc. will continue to follow the existing rules and there is no change.

CMiC support may be contacted, if users would like to implement custom validations.

Overview:

To build standard 'Action' commands into the system that would allow to define custom validations before/after standard CMiC validations

Modifications:

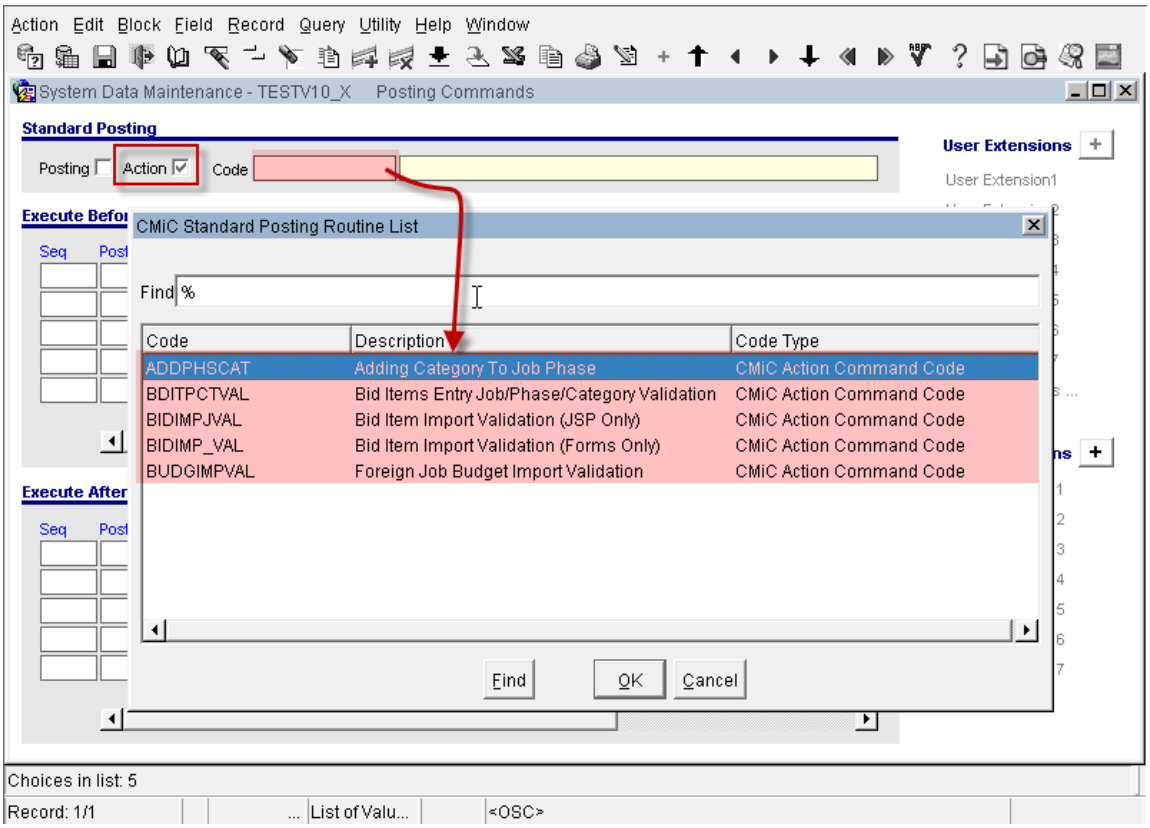
The validations in the following screens may be customized to validate before/after the standard validations and enforce rules as required.

For Example, currently in the JC assign phases screen, if there is a controlling phase on a job with no lower level phases assigned to it, users are allowed to assign categories against the controlling phases and cost against the same. This may be prevented by defining a custom validation rule that does NOT allow category assignment against controlling phases as per the definitions in phase master.

Implementation:

This is implemented with the use of 'Action' validations at every point of entry of phase/category assignment to a job.

1. Job Assign Phases Screen
2. Job Assign Phases on the Fly
3. Job Budget Import
4. Job Bid Item Import



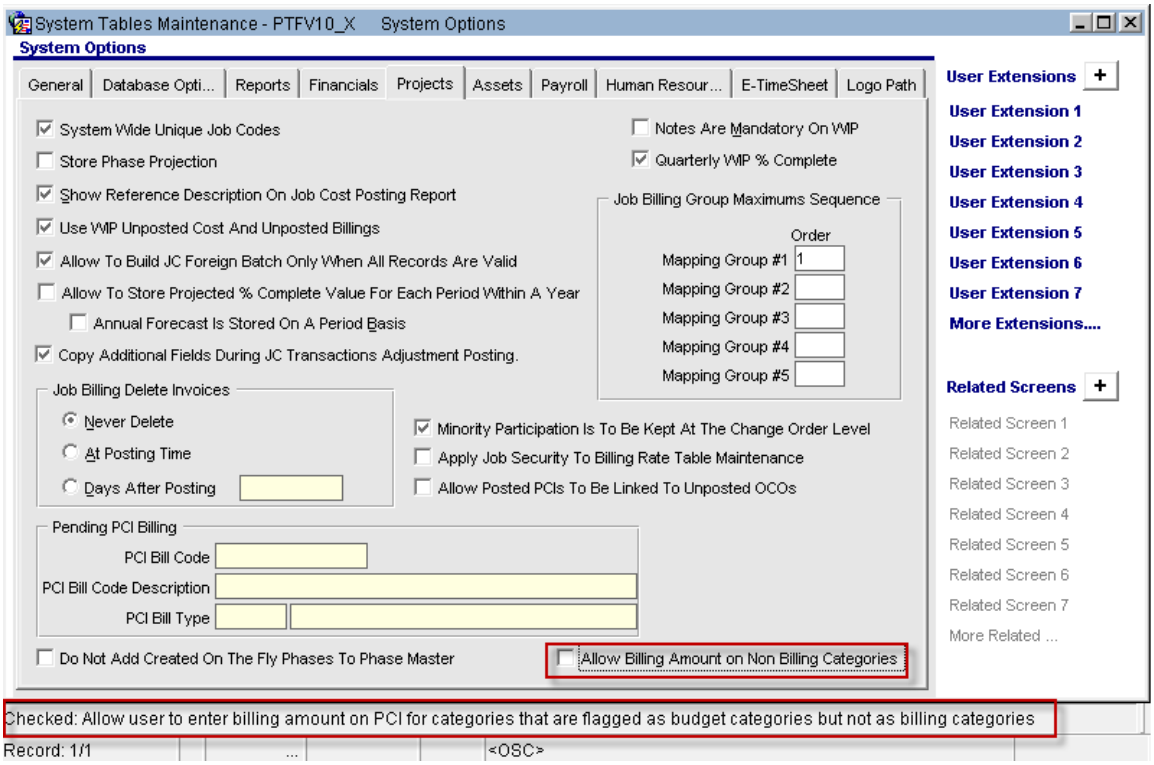
SD>User Extensions>Posting Commands- sdupfm.fmx

Against the required 'Action' Code, before/after standard validations, custom validation packages may be called to implement any custom rules requirement.

Currently there is no custom package created against these codes.

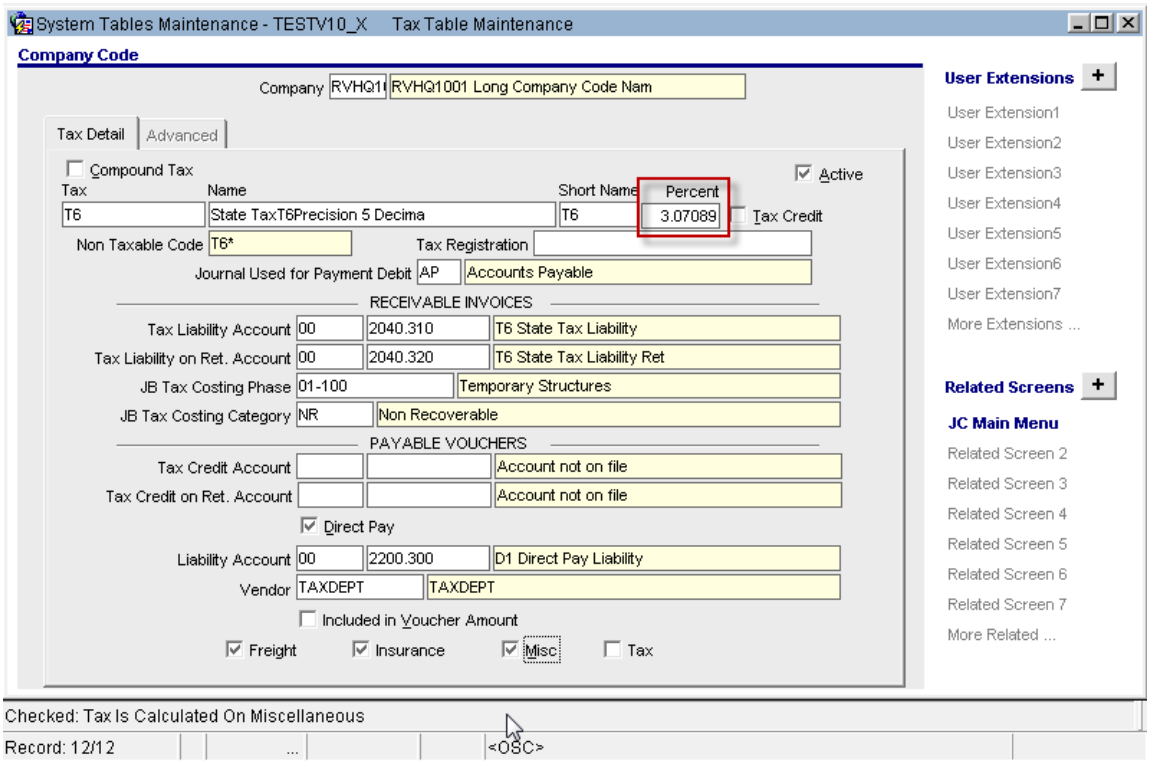
CMiC support may be contacted for implementing any custom requirement.

Allow Billing Amount on Non-Billing Categories (12.72452)



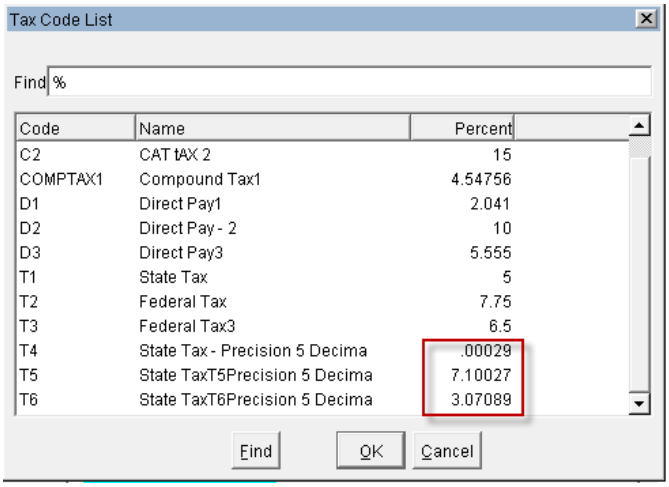
Added a System Options file option "**Allow Billing Amount on Non-Billing Categories**". If this option is turned on, the system will allow the user to enter billing amount on PCI's for categories that are flagged as budget categories but not as billing categories. The default is un-checked so the existing functionality prevails. This change is only applicable to PCI Entry screens (Enterprise… JSP to follow).

Tax percentage precision increased to 5 decimal places (13.85657)



The precision of tax percentage is increased from 3 to 5 decimal places. This allows the users to define tax percentages such as the CAT (Commercial Activity Tax) % in Ohio as 0.0026

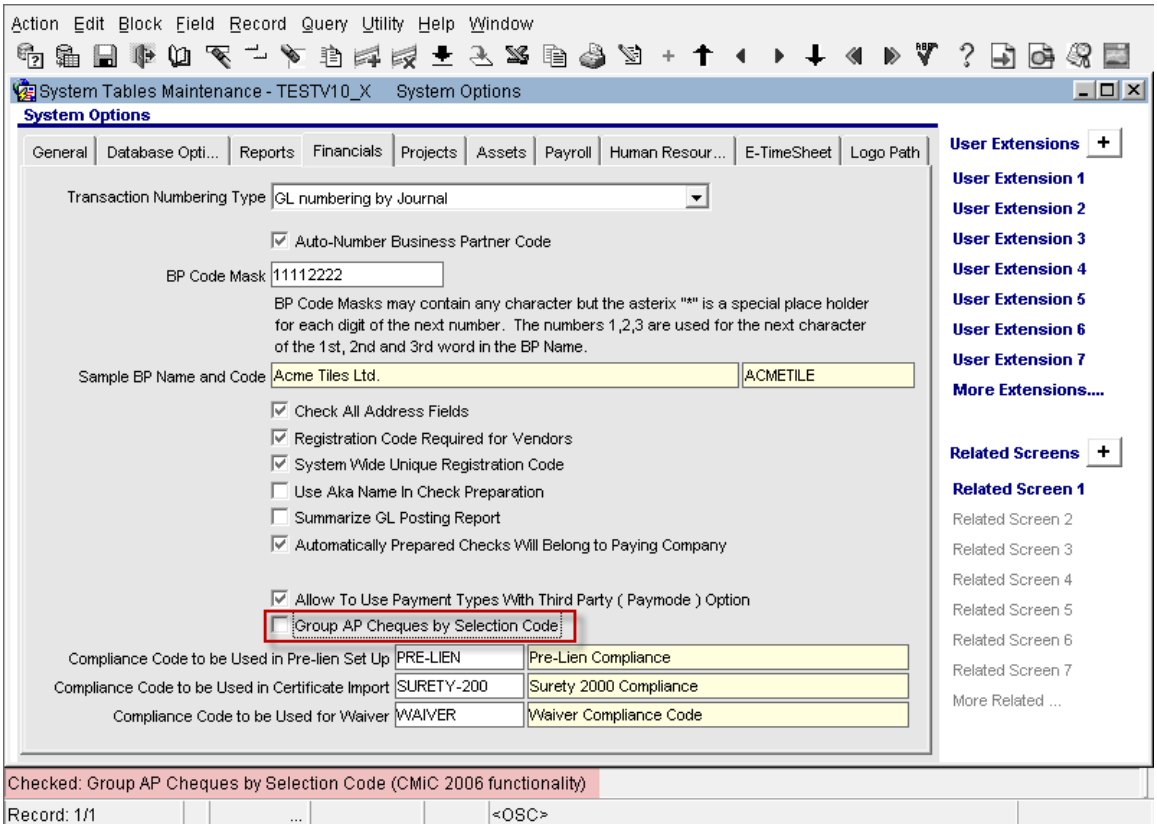
All necessary programs are updated to work with this change in precision.



Create Content Type Called: Text/Notes (14.91367)

New privilege UICONSNOTE has been added to System Privileges to allow the user to add/edit the Notes in the Console region.

System Options - Group Checks by Payment Selection Code (14.90511) - (Beta Release)



System Infrastructure > System Options (Sysopt.fmx)

A check box 'Group AP Checks by Selection Code' is added to the 'Financials' tab. The default value is set as 'N' (un-checked). See 'Accounts Payable' section of this document for more details.

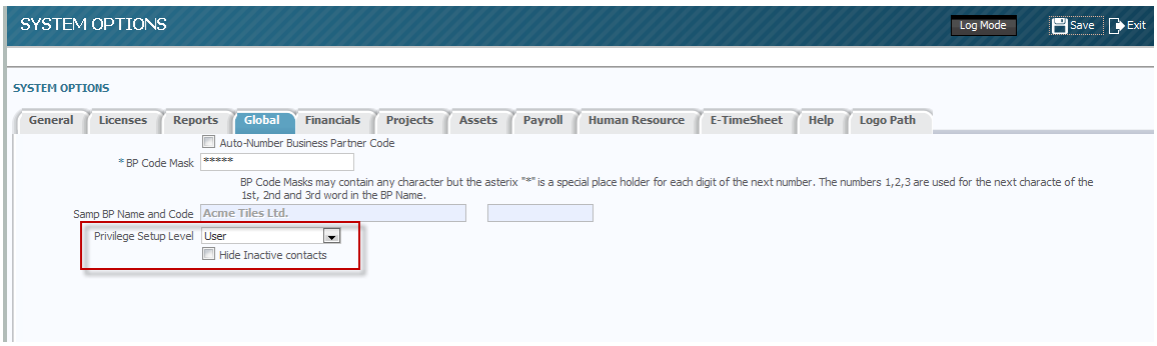
Enterprise Security - System Option to set privileges at Role/User Level (14.94481)

When a role is assigned to a user, a set of role level privileges (System/Configuration) are inherited by the user. When a role is removed from the user, the privileges are NOT removed and they always stay with the user, which is an existing functionality.

In order to provide the ability to set the privileges at role or user level, a new functionality is added to the system.

Modifications:

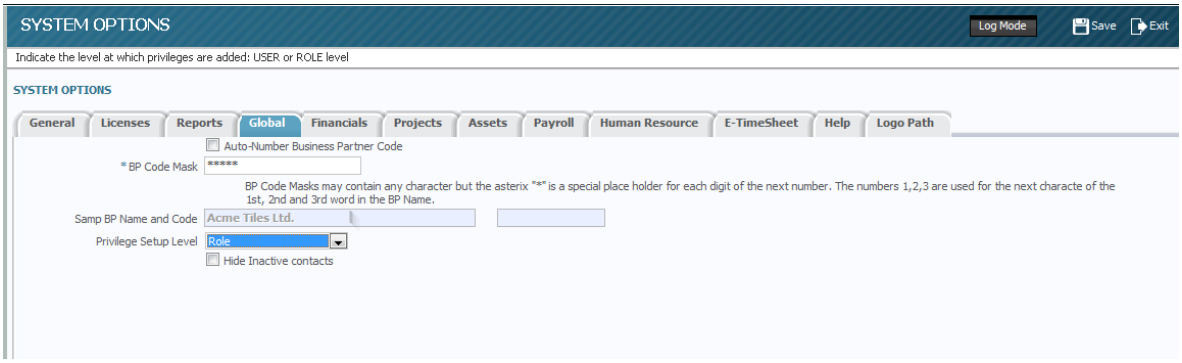
The System Options screen is modified with an addition of a drop down list 'Privilege Setup Level', with two available options as 'User' and 'Roles'.



The default value is set as 'User' for all CMiC clients. This ensures that the current functionality is applied to all CMiC clients. In addition to the privileges being inherited from the role, users may update the privileges at 'User' level as required.

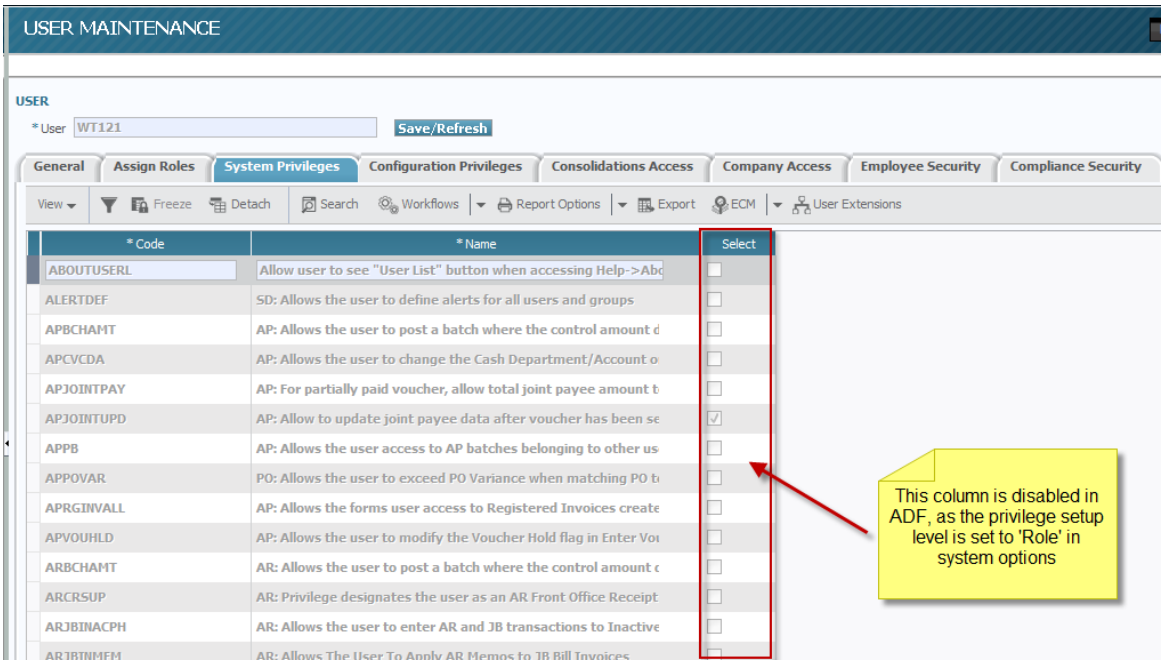
Privilege Setup Level Set as 'Role':

When the option is set as 'Role', the users inherit the privileges from the 'Role' and are NOT updateable, as the column is locked down in ADF screen. Upon removal of any role, all the privileges are removed as well from the user. If there is more than one role with common privileges, then the removal of a role will NOT remove the common privilege, as they are associated with other roles.



User Maintenance:

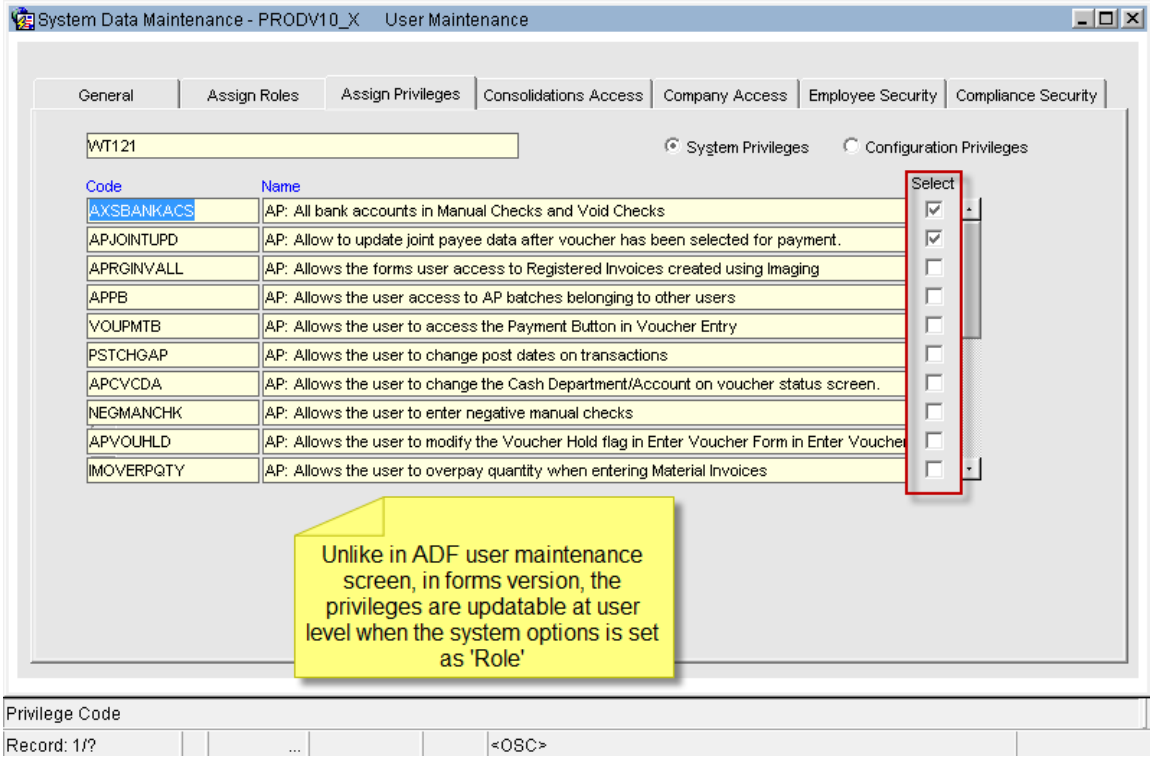
The following screen shows that the setting of privileges at user level is disabled, as the system option is set as 'Role'. This system option affects the configuration privileges in the same manner as it is affecting system privileges, but the user can still edit the configuration levels but not the privileges.



Implications in Enterprise Forms:

The 'System Options' and ' User maintenance' forms are NOT modified, as this enhancement is primarily for ADF version of the software.

Setting the 'Privilege Setup Level' as 'Role' in System Options is still applicable to enterprise forms. When a 'Role' is removed from a user, the privileges associated with the role also get removed from the user. But, the privileges at user level are still updateable and may be manually overridden. When removing a role from the user, the privileges which are manually overridden at user level are NOT removed.



Users are expected to understand this thoroughly and hence, if using ‘Role’ level privileges; they must NOT use the forms version of the user maintenance screen for any updates related to the privileges.

SSO login password reset request/change option (14.98130)

Ability for users to request a password reset of their SSO password and change the password for their CMiC user account.

Modifications:

The SSO login page may be configured by system administrators to have the link 'Forgot Password' page which will allow the users to reset their password.

When users click on the link, they are directed to a page where they have to enter their unique email IDs which is associated with the registered user in the system. Users must understand that the 'Forgot Password' option does NOT refer to the user name or password values if input by them. By clicking the link, they are directed to the password reset request page without any reference to those values, where they must provide/confirm a valid email address on their user profile within CMiC.

The email address fields are mandatory and the address must be exactly same, in order for them to be able to submit their request.

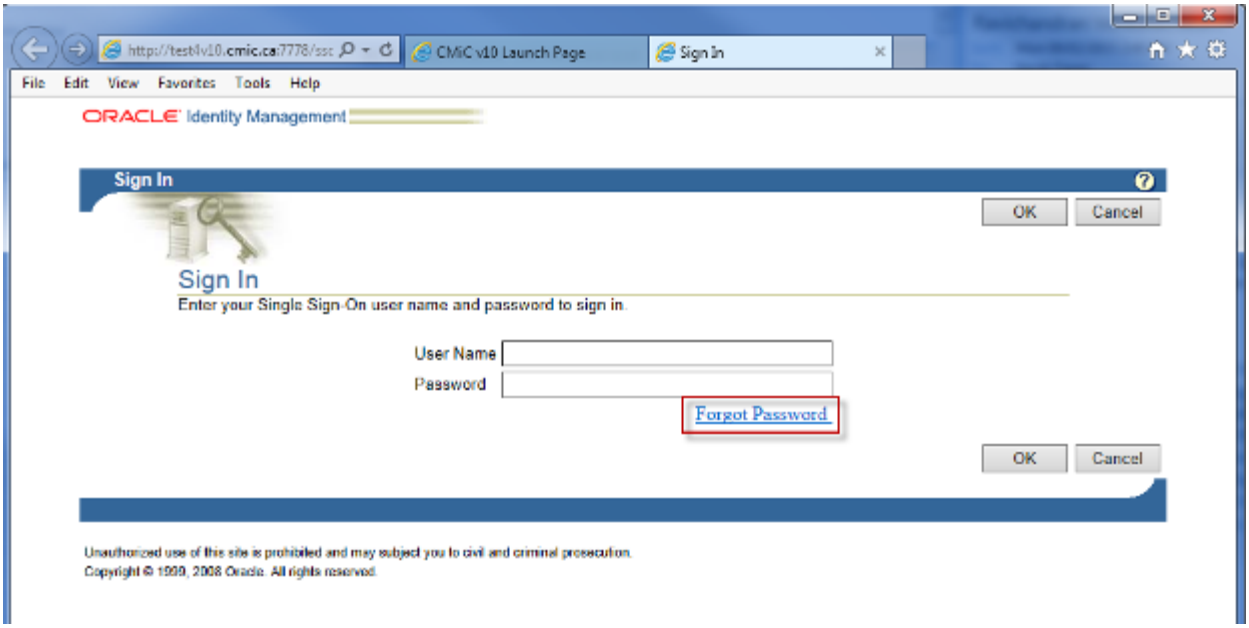
Once successfully submitted, the message on the page will read as 'Reset Password Information has been emailed to...'.

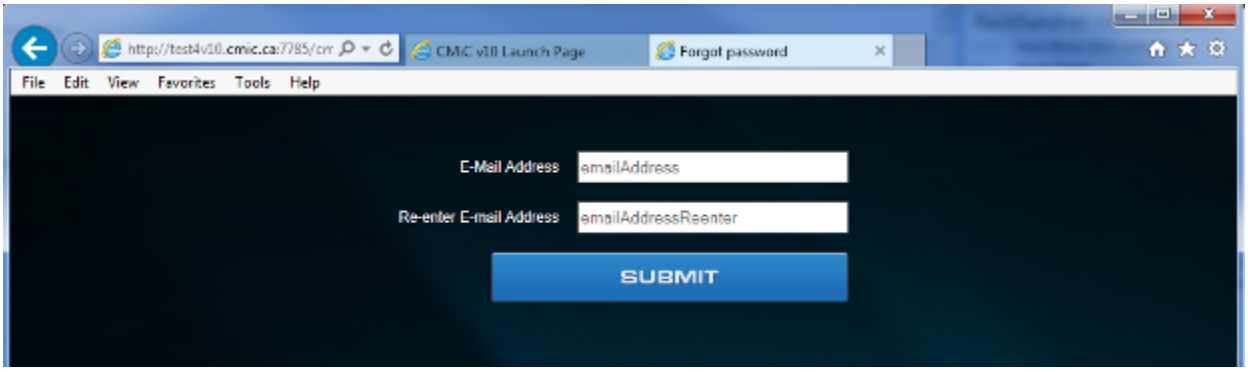
Users may open their email using their email client and find the email with Subject Line as 'Your CMiC Account' which has their user name and the link to reset their password.

The link will be active only for an hour. In case, if users do NOT use the link within an hour, the link will NOT allow users to change their password and have to resend a new request.

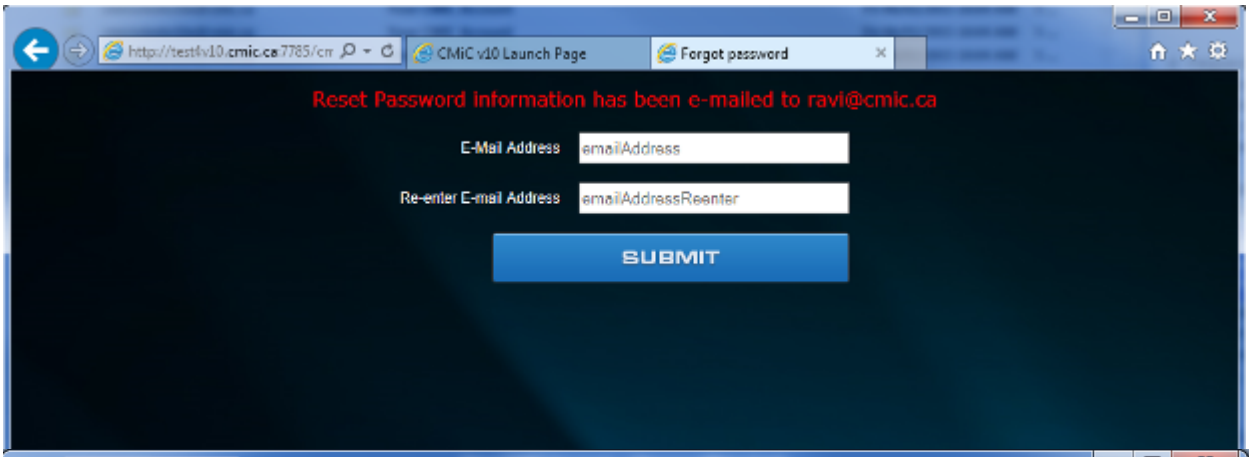
If no action taken on the reset link and users prefer to leave their account as is, then the previous password will be still active and may be used to login.

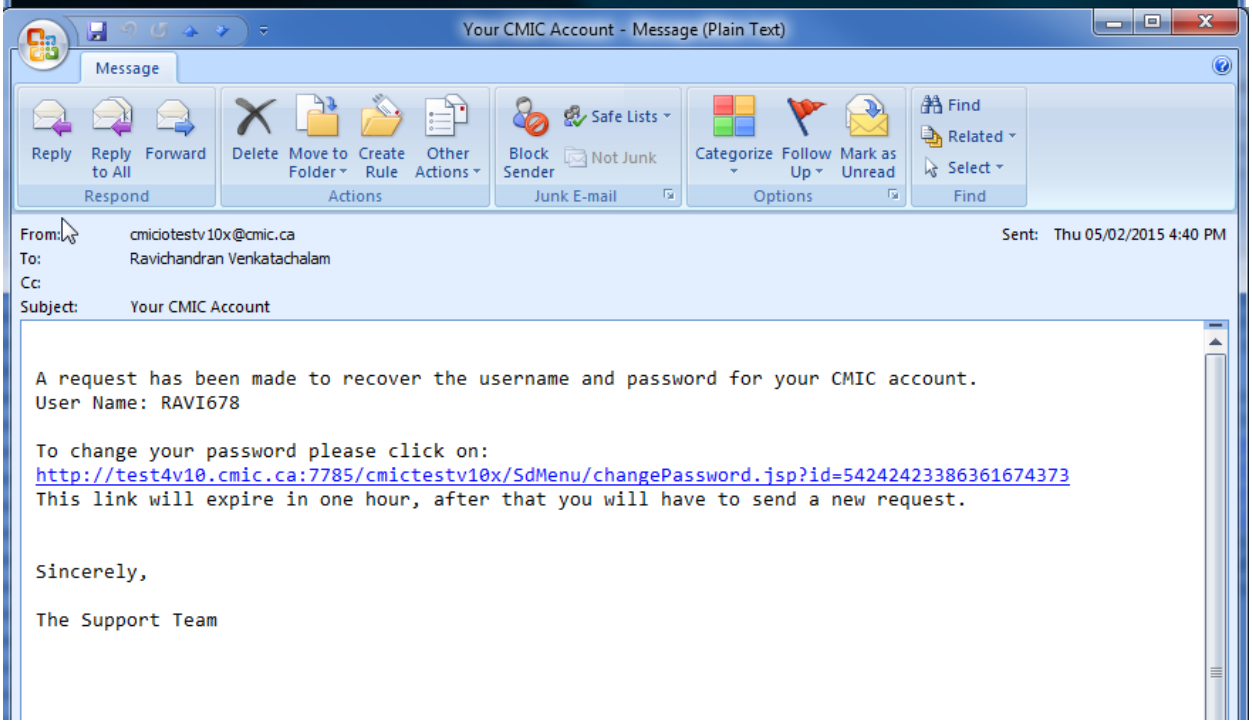
The following screen prints show the process of requesting and resetting the SSO login password to CMiC system.

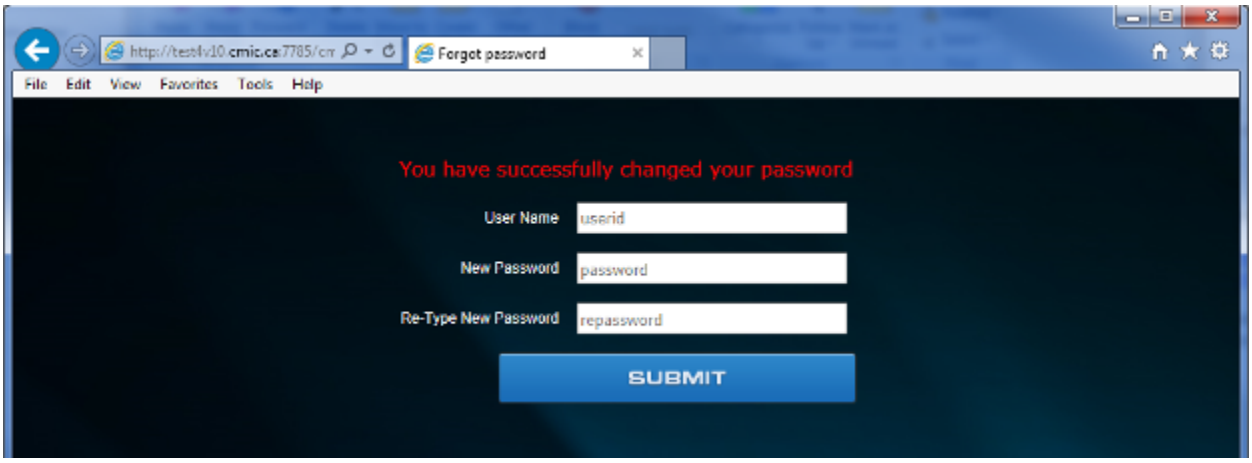


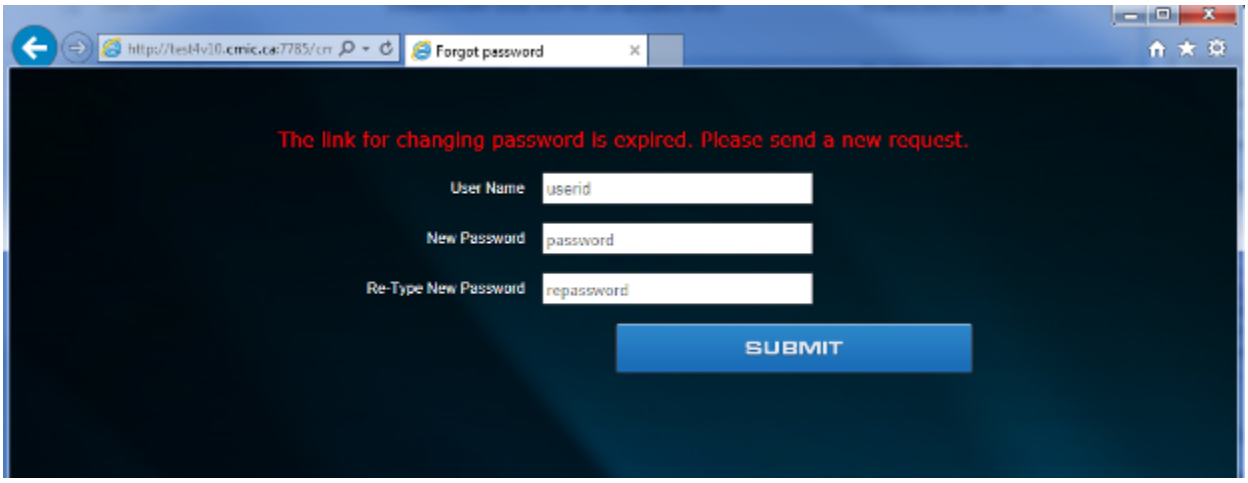


The email address field entered by user is NOT validated for case sensitivity when compared to the User recod email address. This means, the cmic database may have an email ID in mixed case but users may enter the email id in reset option in lowercase and they would still receive the email.
Note that the email addresses in both fields must have exact match including case sensitivity in order to successfully submit the request.


CMiC v10 Launch Page
Forgot password
Reset Password information has been e-mailed to ravi@cmic.ca
E-Mail Address
emailAddress
Re-enter E-mail Address
emailAddressReenter
SUBMIT


Your CMIC Account - Message (Plain Text)
Message
Reply
Reply to All
Forward
Delete
Move to Folder
Create Rule
Other Actions
Block Sender
Safe Lists
Not Junk
Categorize
Follow Up
Mark as Unread
Find
Related
Select
Respond
Actions
Junk E-mail
Options
Find
From: cmciotestv10x@cmic.ca
Sent: Thu 05/02/2015 4:40 PM
To: Ravichandran Venkatachalam
Cc:
Subject: Your CMIC Account
A request has been made to recover the username and password for your CMIC account.
User Name: RAVI678
To change your password please click on:
http://test4v10.cmic.ca:7785/cmictestv10x/SdMenu/changePassword.jsp?id=54242423386361674373
This link will expire in one hour, after that you will have to send a new request.
Sincerely,
The Support Team


Forgot password
File Edit View Favorites Tools Help
You have successfully changed your password
User Name
userid
New Password
password
Re-Type New Password
repassword
SUBMIT



The following is for System Administrators Only:

33. Access the location, d:\oracle\infra1014\j2ee\OC4J_SECURITY\applications\sso\web\pages on the infrastructure server.
34. Copy the new login.jsp page from the files list of this issue, to the folder in step 1 above. (Backing up the existing version of the page is highly recommended and may be used to rollback when needed. See the footnote).
35. Open login.jsp in a text editor
36. Enter the full path to SdMenu of your CMIC system as described below. (In this example CMiC' internal test system URL is shown. Clients must use an URL specific to their system)
37. The String **fullURLtoSdMenu = "";** must be changed to read as **fullURLtoSdMenu = "http://test4v10.cmic.ca:7785/cmictest10x/SdMenu/";**

Once the update to login.jsp file is performed, whenever users reach the SSO login page, they will have an option 'Forgot Password'.

NOTE:

1. IF CLIENTS DO NOT WISH TO GIVE THIS OPTION TO RESET SSO PASSWORD, THEN THE ABOVE STEPS MUST BE IGNORED AND NO CHANGE TO THE EXISTING LOGIN.JSP FILE IS REQUIRED.

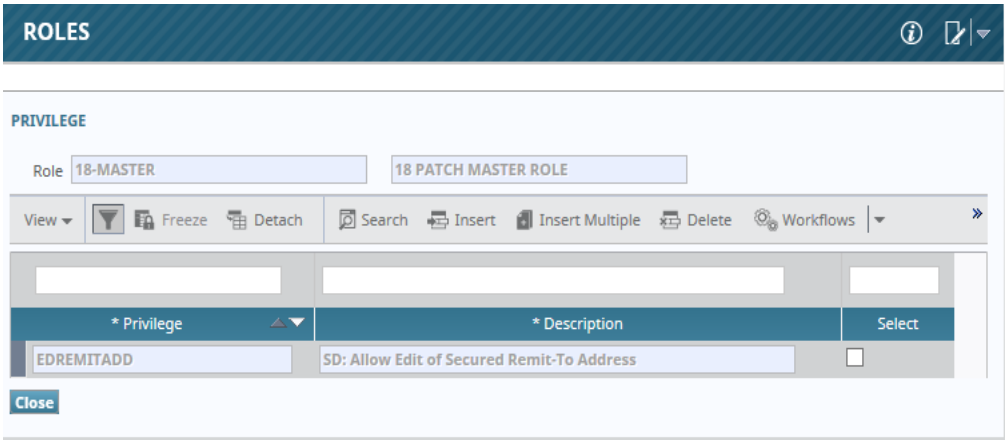
2. IF CLIENTS WISH TO ROLLBACK THIS OPTION AFTER HAVING IMPLIMENTED IT, THEN THE LOGIN.JSP FILE MUST BE ROLLED BACK WITH THE PREVIOUS VERSION.

Securing Business Partner Remit-To Address (15.11856)



Added a new system option checkbox to the 'Global' tab of the ADF Systems Option screen. The flag is **'Secure Business Partner Remit-To Address**'. By default, the checkbox is unchecked. When checked, the Business Partner Remit-To Address will be secured.

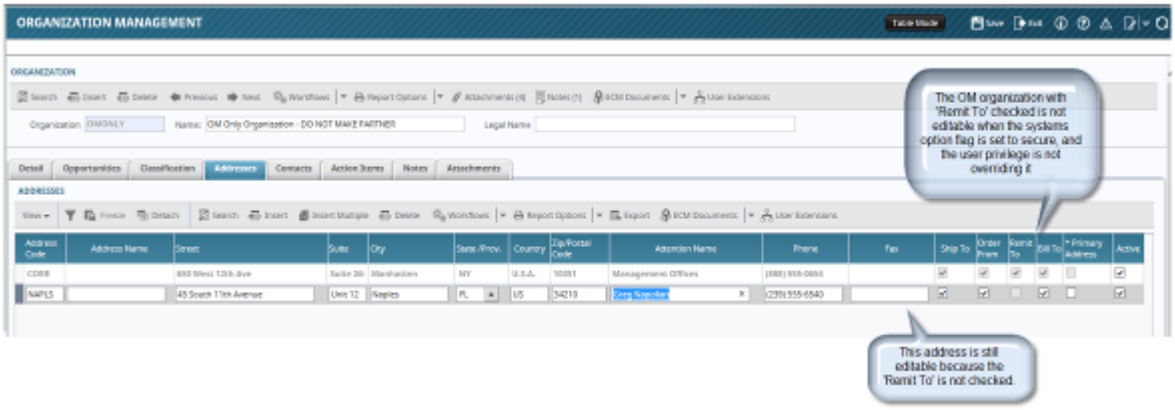
The new user system privilege: **EDREMITADD: Allow Edit of Secured Remit-To Address** has been added to allow the user with this privilege to override the system option setting and edit the Remit-To address if it is secured.



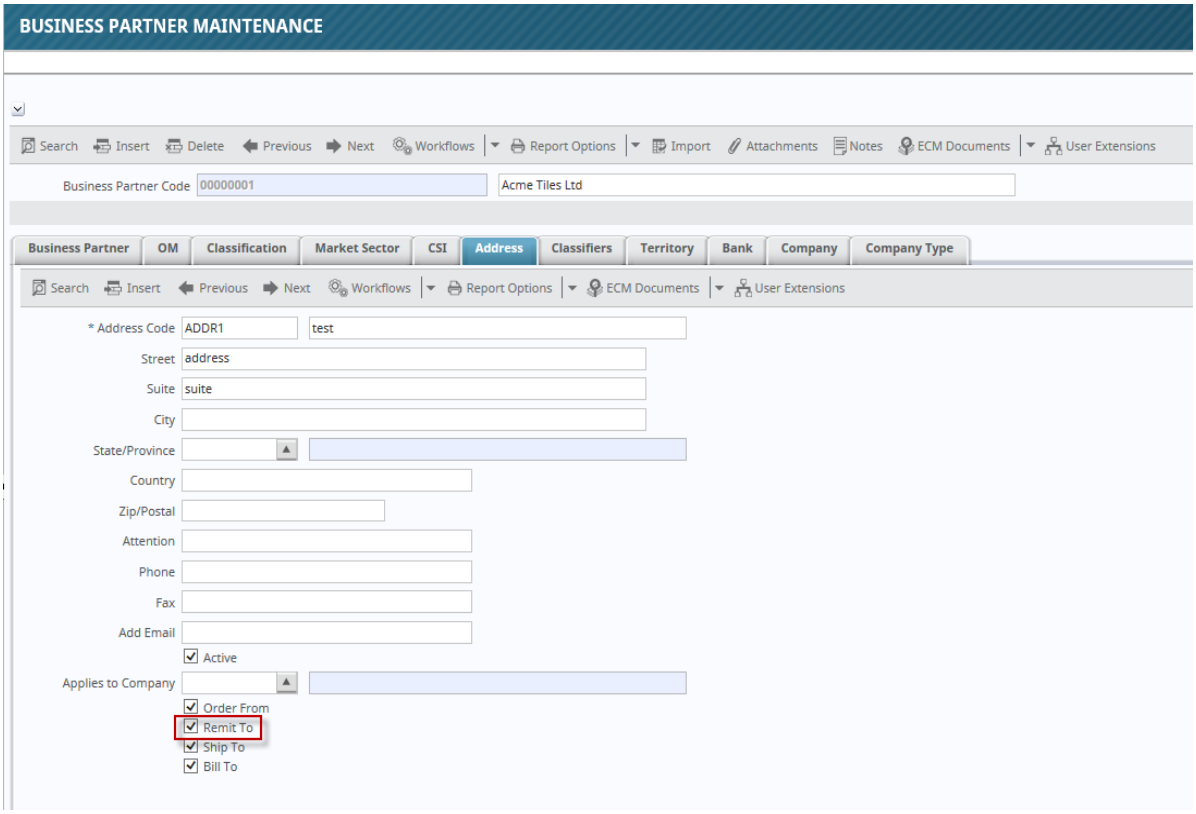
Accordingly, modifications have been applied to the OM Organization, Customer, Vendor and Business Partner Maintenance programs to limit users' access of any remit-to addresses according to the system option and user privilege.

When the Business Partner or Organization record is set up it must have the 'Remit To' checkbox checked for these changes to take effect:

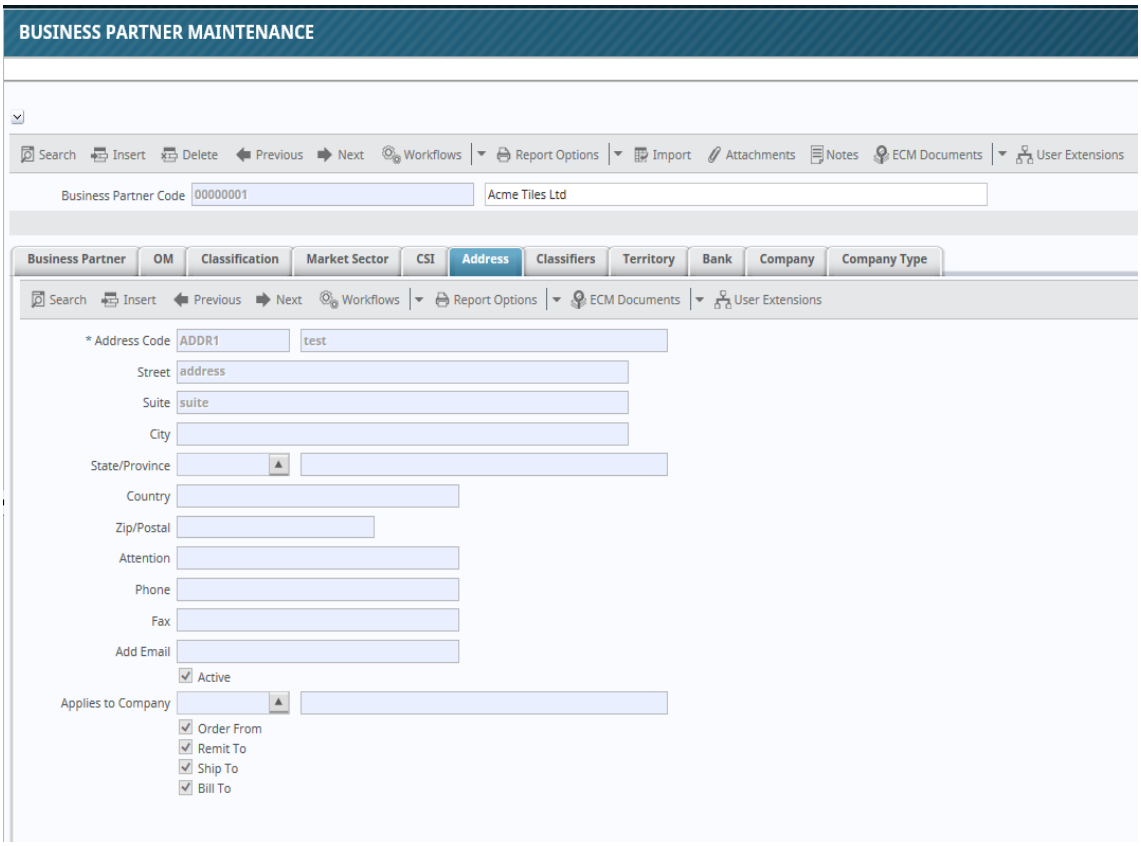
For OM organizations:



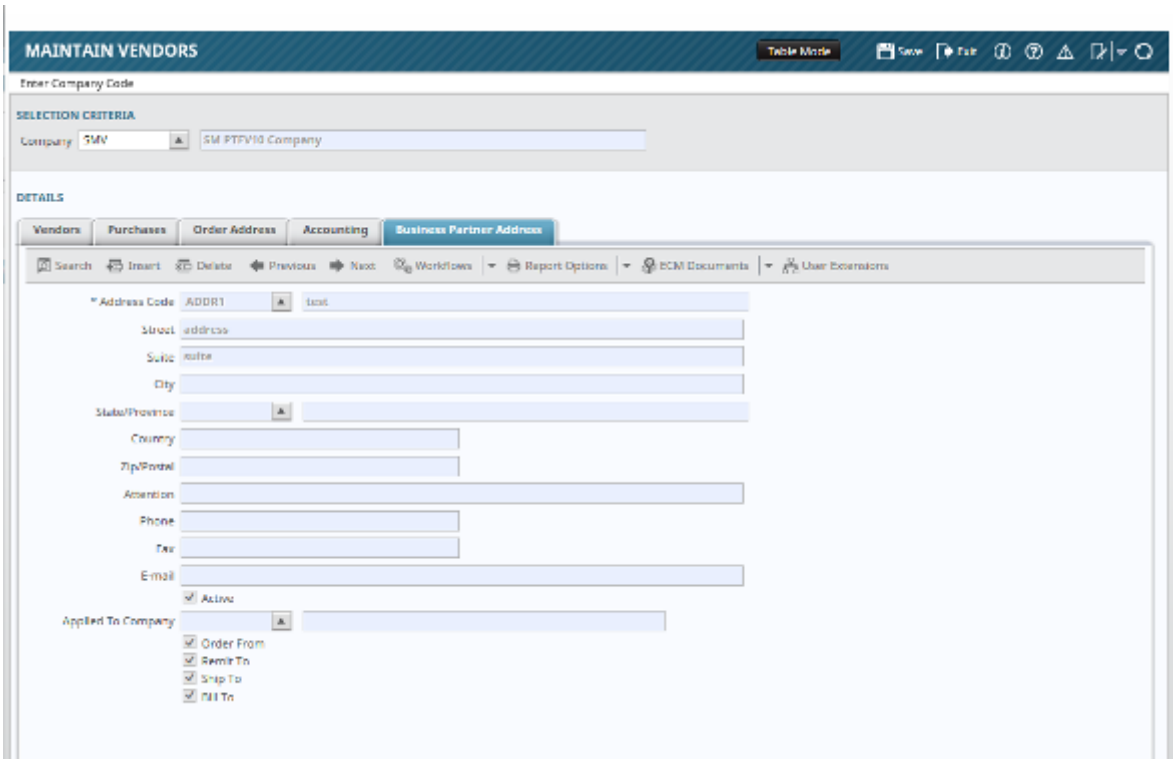
For Business Partners:



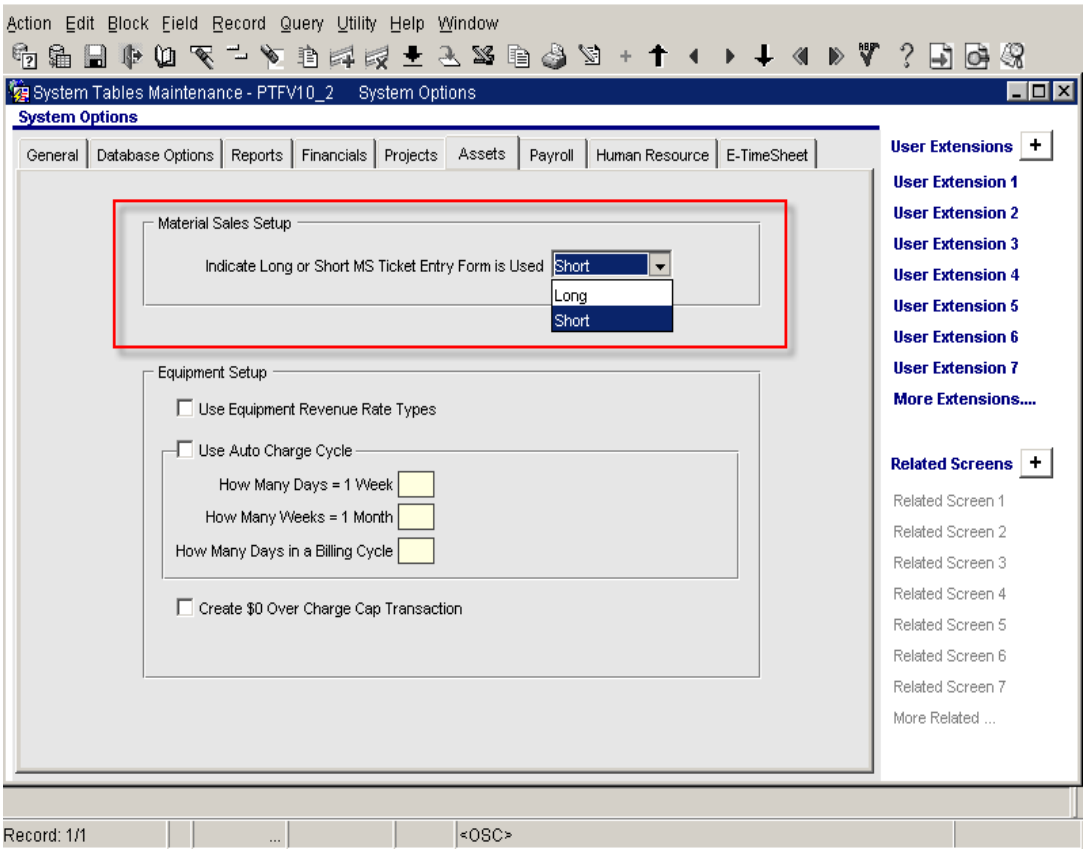
When the Remit-To is secured via the systems option flag, all the fields in the alternate addresses become disabled:



The same applies to the associated vendor/customer record:



Long or Short MS Ticket Entry Form (12.66751)



Added an indicator on the Assets tab to use long or short MS Ticket Entry form. The Long form will show all the fields in the Ticket Entry screen, whereas the Short form will exclude From Zone, To Zone, Total A/C %, Max. Protection %, Min. Protection %, Min. Qty and Pay Amounts, Trucker Surcharges, Delivery Charges and Surcharges.

CMIC_COMPILE

A new script has been included with the V10-X-203-2 patch called "**cmic_compile.sql**'. This script will provide details of all invalids and custom file registrations. It produces an output file **cmic_compile.lst** that can used for review and can also be sent to CMiC for review whenever issues/invalids are found.

As always, it is important that all appropriate SQL Path settings are correct, and as with installation of any SQL files, should be run from a SQL session that has been created from a DOS session after running the SETSQLPATH.BAT file located in the SQL folder.

Mass Update Utility (16.20751)

Definition

The *Mass Update* feature in CMiC allows users to propagate a value to all the records found in the queried set of records. This feature is designed to allow mass update of specific columns in specific programs only.

There will be no valid list of values (LOVs) for the mass updateable columns pop-up list. Users must enter valid values for mass updateable columns to avoid validation errors upon 'Save'.

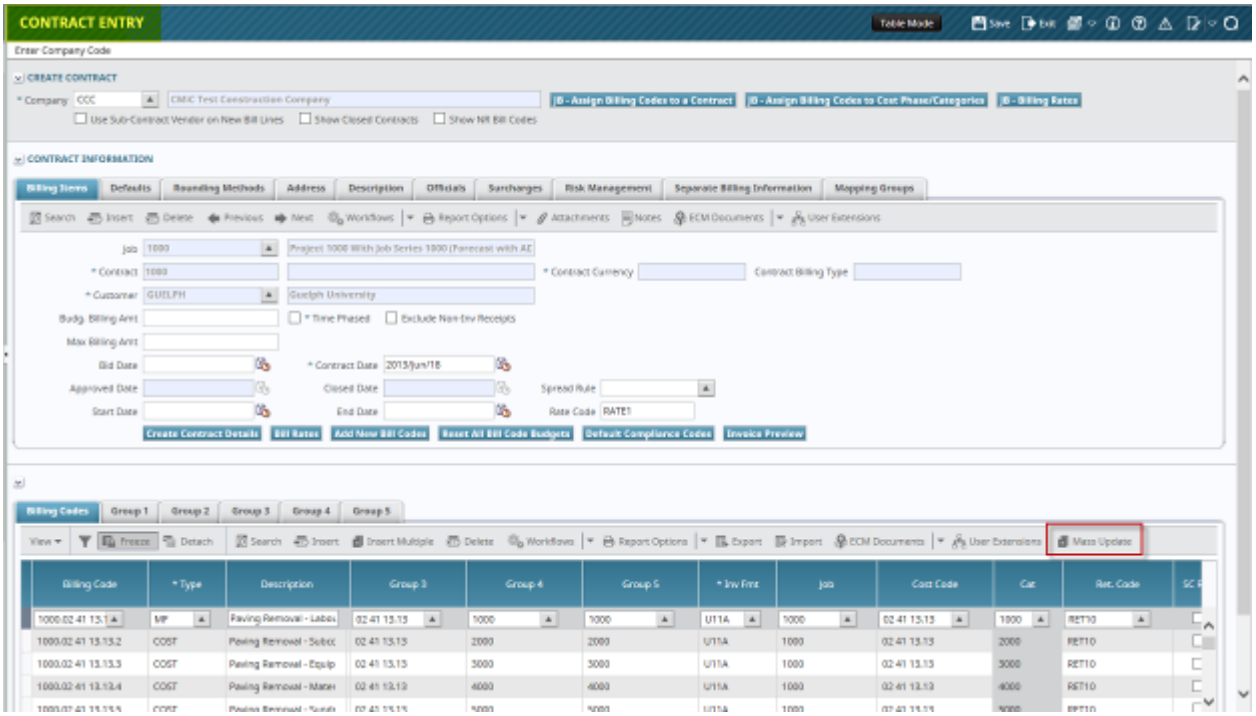
Mass Updateable Programs

The following programs allow ‘Mass Update’ on specific columns only.

- Job Billing > Contract Entry
- Job Billing > G/C Prepare Billing

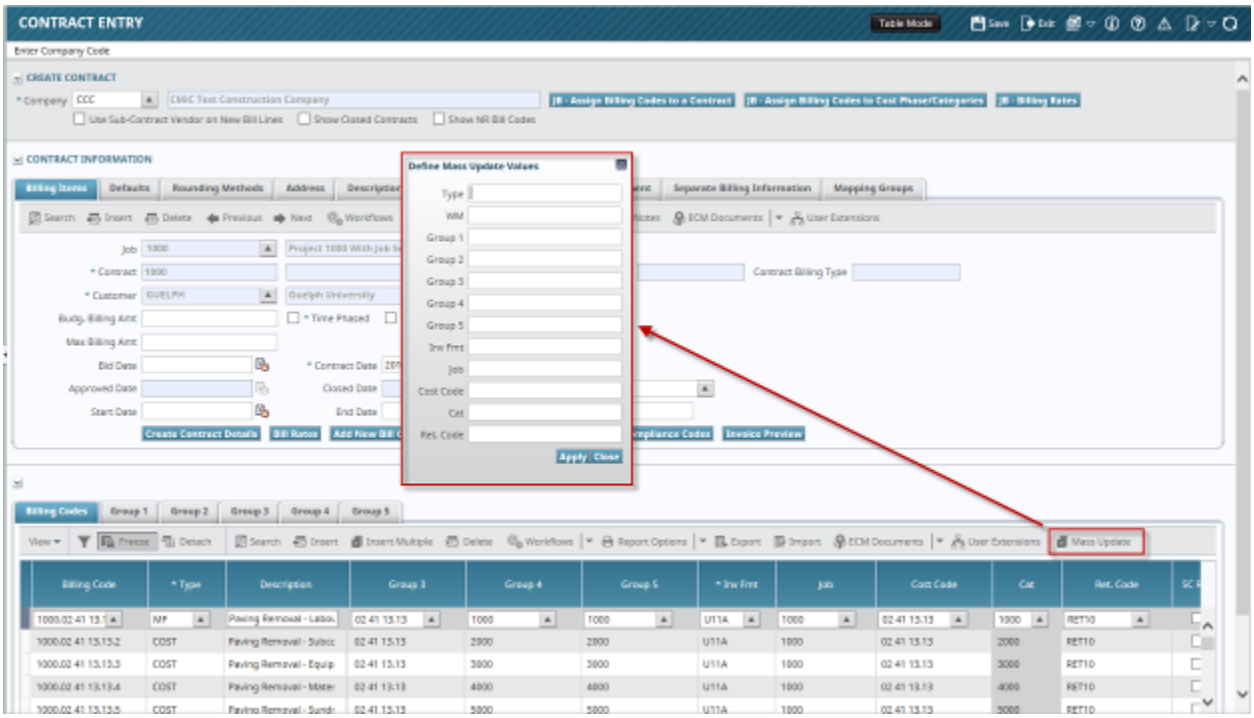
Contract Entry Program

The Contract Entry program is modified with a tool button [**Mass Update**] in the Contract Details block as shown. This is applicable/available only when in ‘Bill Codes’ tab.



Program: JB > JBCONT

A pop-up ‘Define Mass Update Values’ opens up with the following columns where users must enter valid values as required.



Program: JB > JBCONT > Mass Update

The following are the mass updateable columns in Contract Entry program.

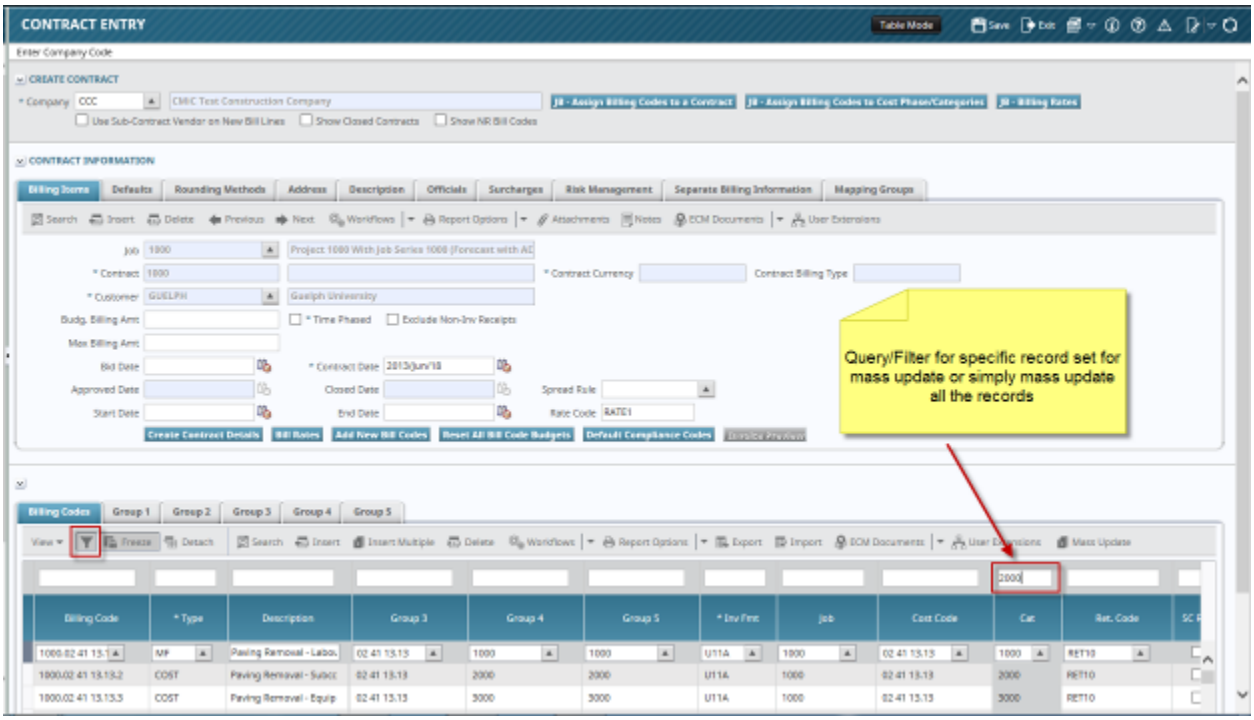
1	Type	Billing Type
2	WM	Weight Measure
3	Group 1	Group Code 1
4	Group 2	Group Code 2
5	Group 3	Group Code 3
6	Group 4	Group Code 4
7	Group 5	Group Code 5
8	Inv Fmt	Invoice Format Code
9	Job	Job Code
10	Cost Code	Cost Code
11	Cat	Category Code
12	Ret. Code	Retainage Code

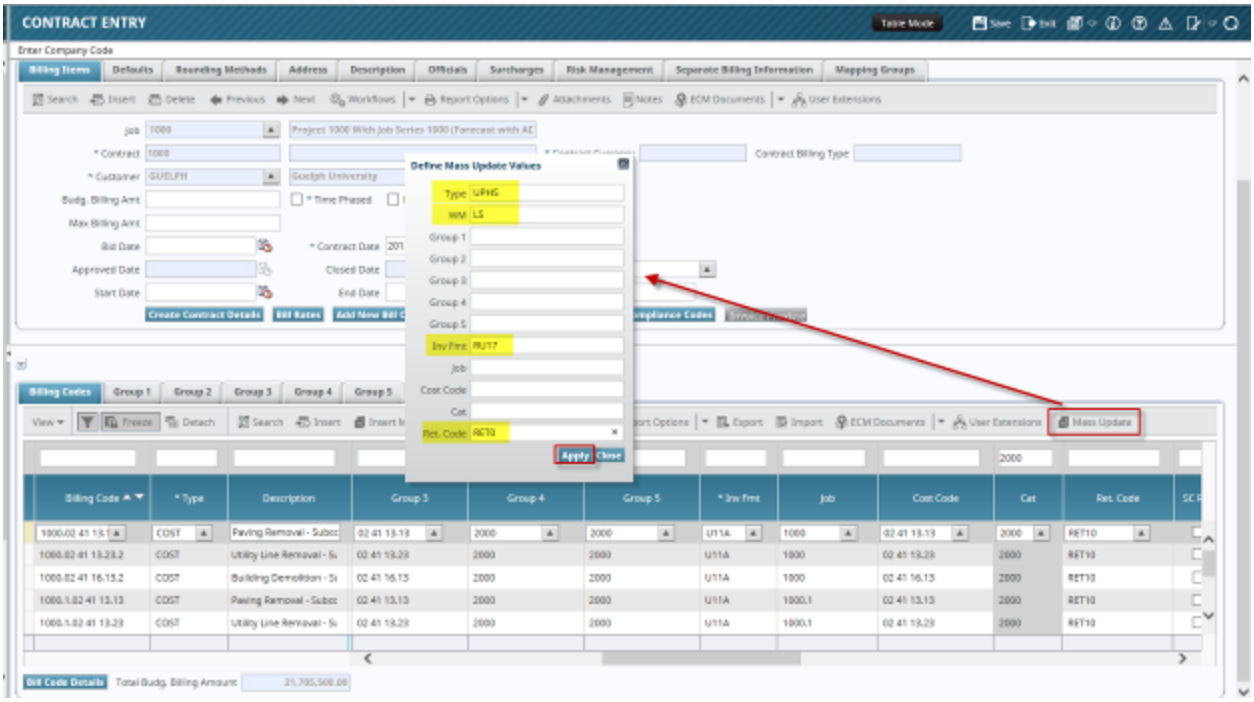
Users may query/filter for specific set of records for ‘Mass Update’ of values.

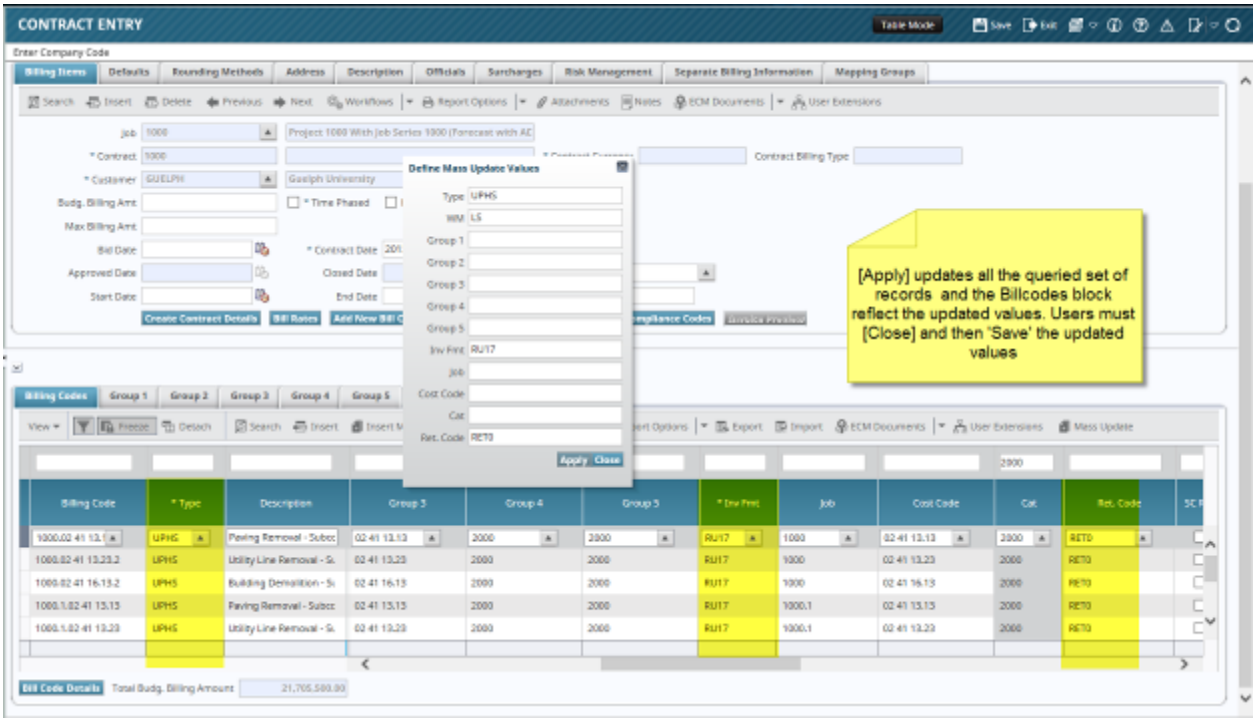
Also, users may enter values in one or more or all the columns for mass update and press ‘Apply’ to propagate the values to the queried set of records. ‘Cancel’ will close the pop-up without updating the column values.

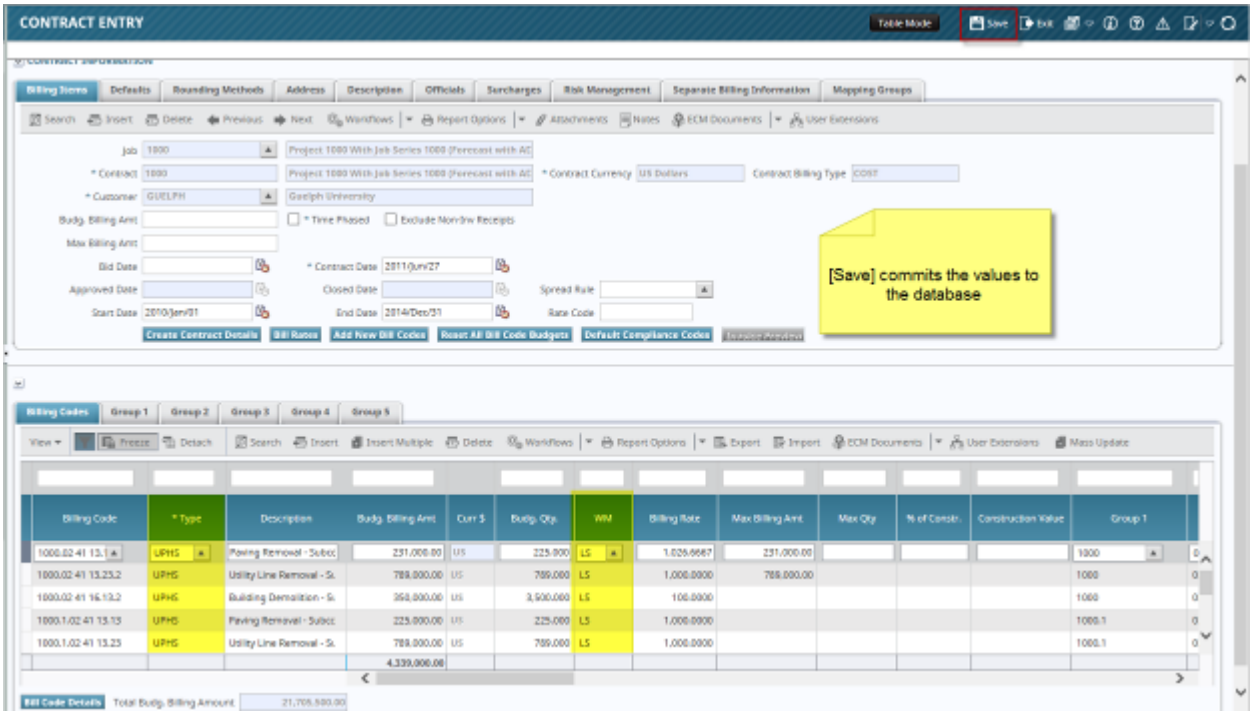
Once columns reflect the mass updated values, users must explicitly perform ‘Save’ action to commit the updates to the database. The program will validate the entries and commit if all the values are valid. Errors will be displayed, if there are any invalid values entered by users.

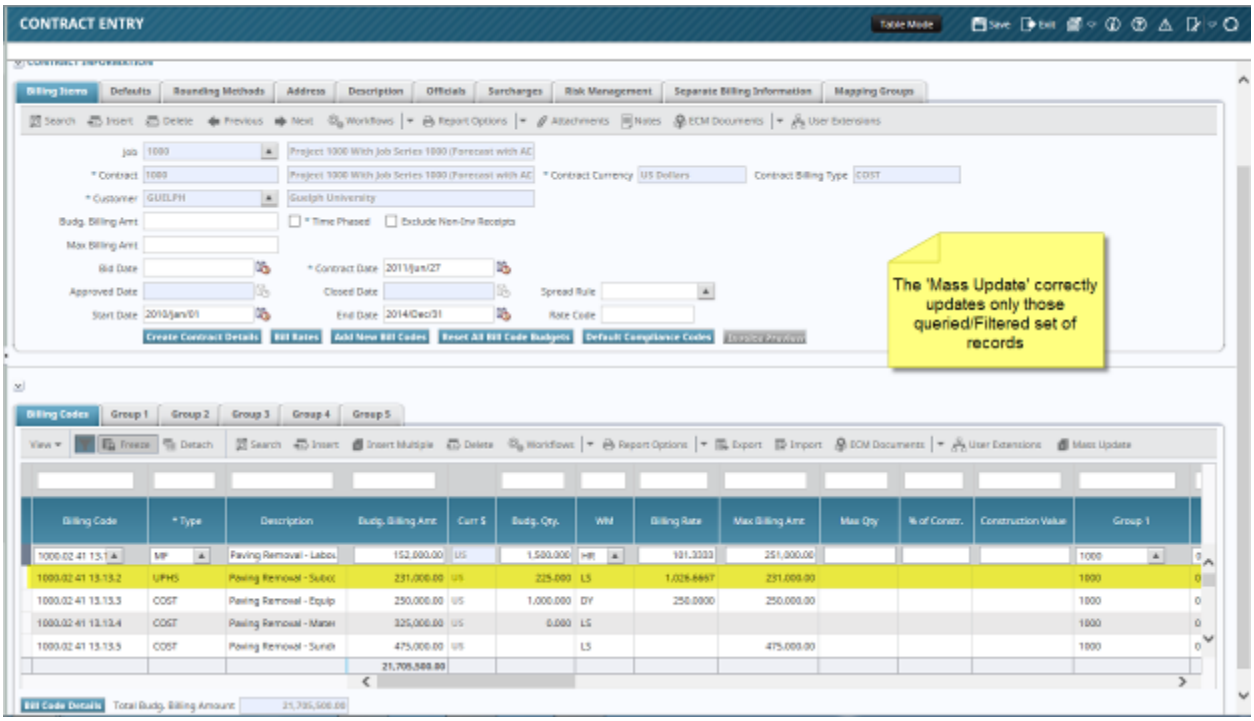
Using Mass Update





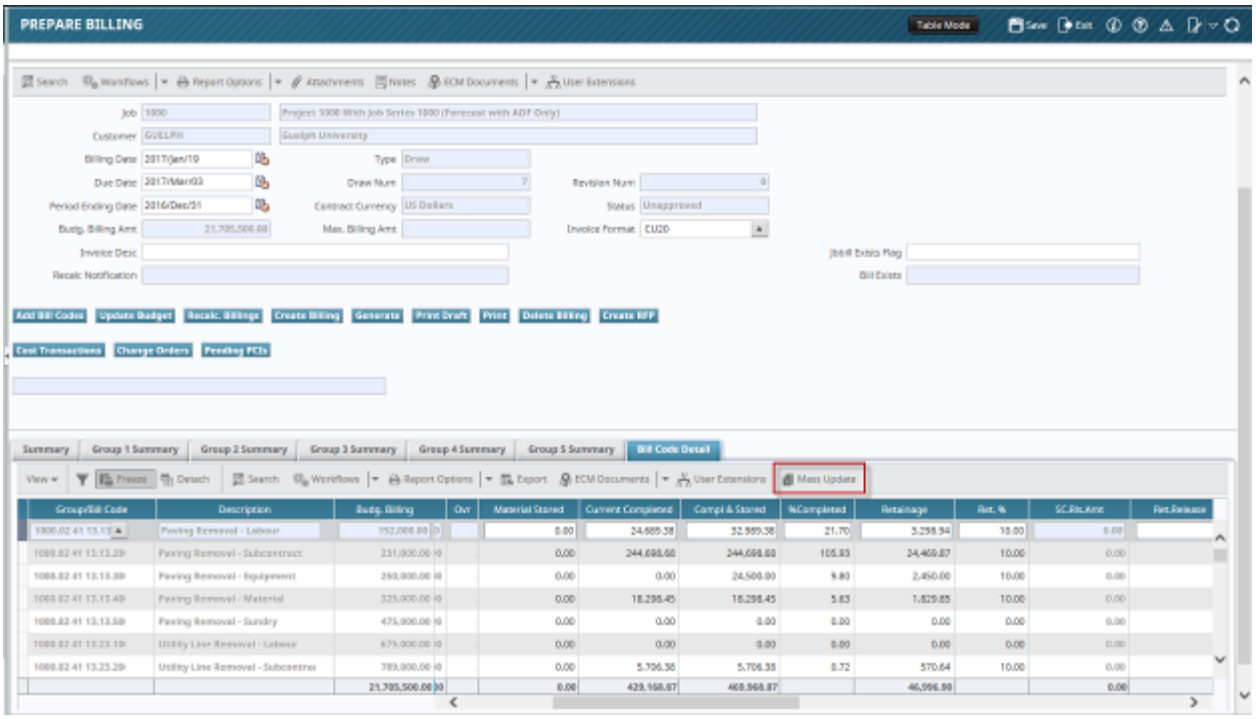

CONTRACT ENTRY
Define Mass Update Values
[Apply] updates all the queried set of records and the Billcodes block reflect the updated values. Users must [Close] and then 'Save' the updated values


CONTRACT ENTRY
[Save] commits the values to the database



G/C Prepare Billing Program

The G/C Prepare Billing program is modified with a tool button [**Mass Update**] in the Billing Details block as shown. This is applicable/available in 'Bill Code Detail' and all the Group Summary tabs.

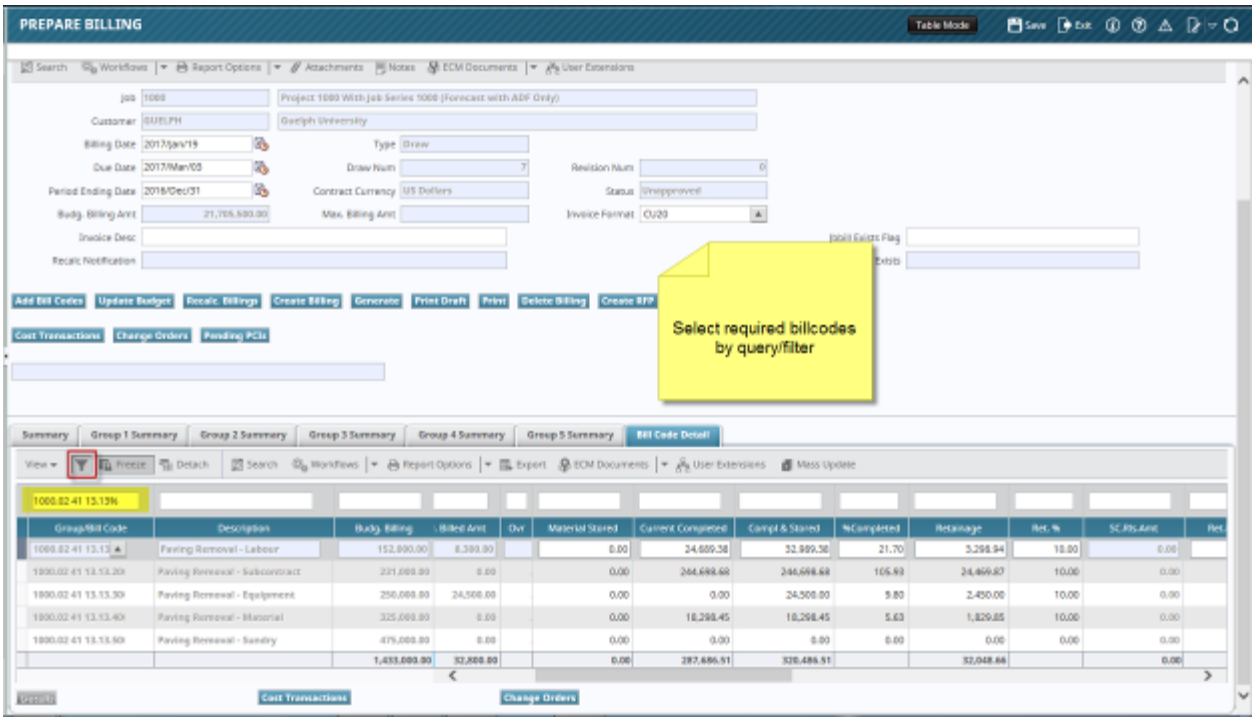


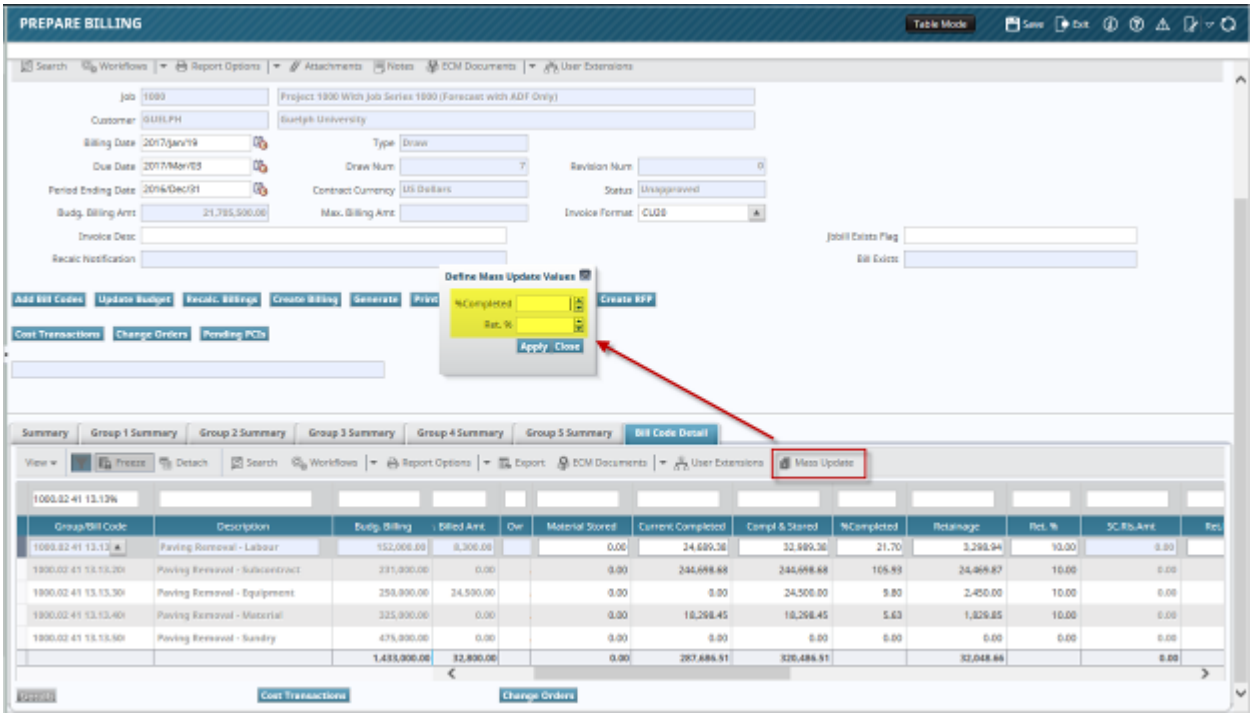
When clicked, a pop-up ‘Define Mass Update Values’ opens up with the following columns where users must enter valid values as required.

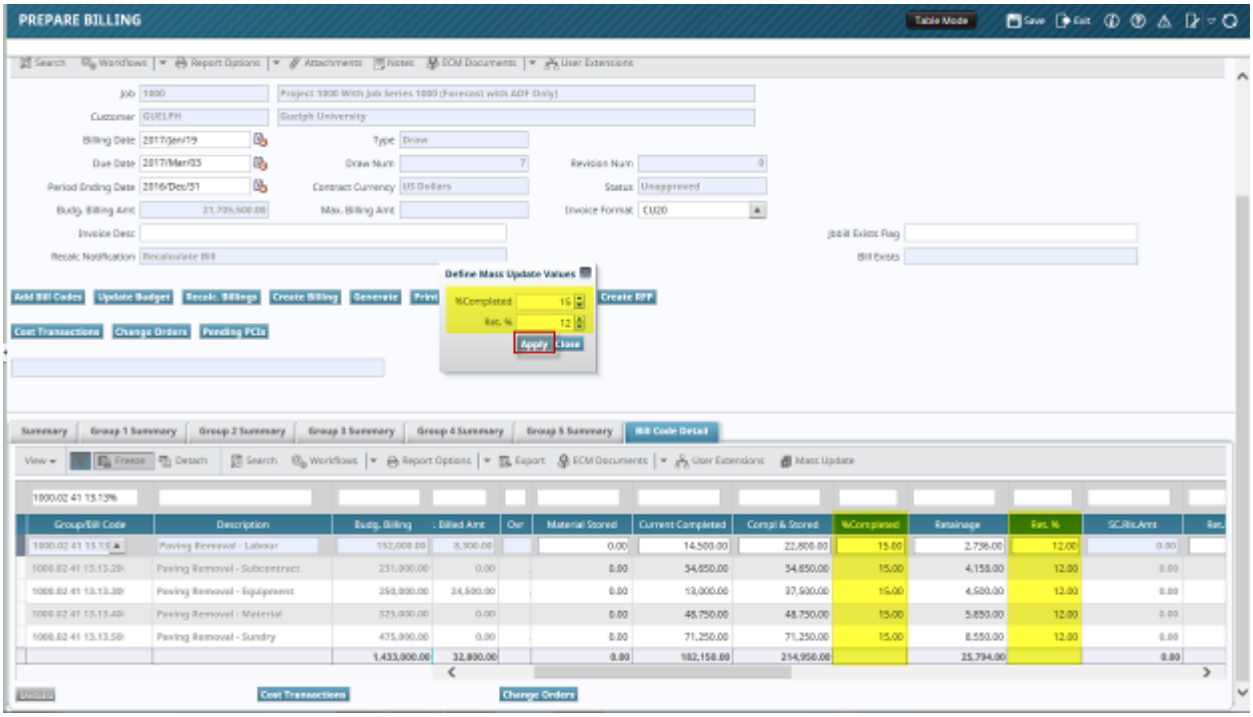
The following are the mass updateable columns in Contract Entry program.

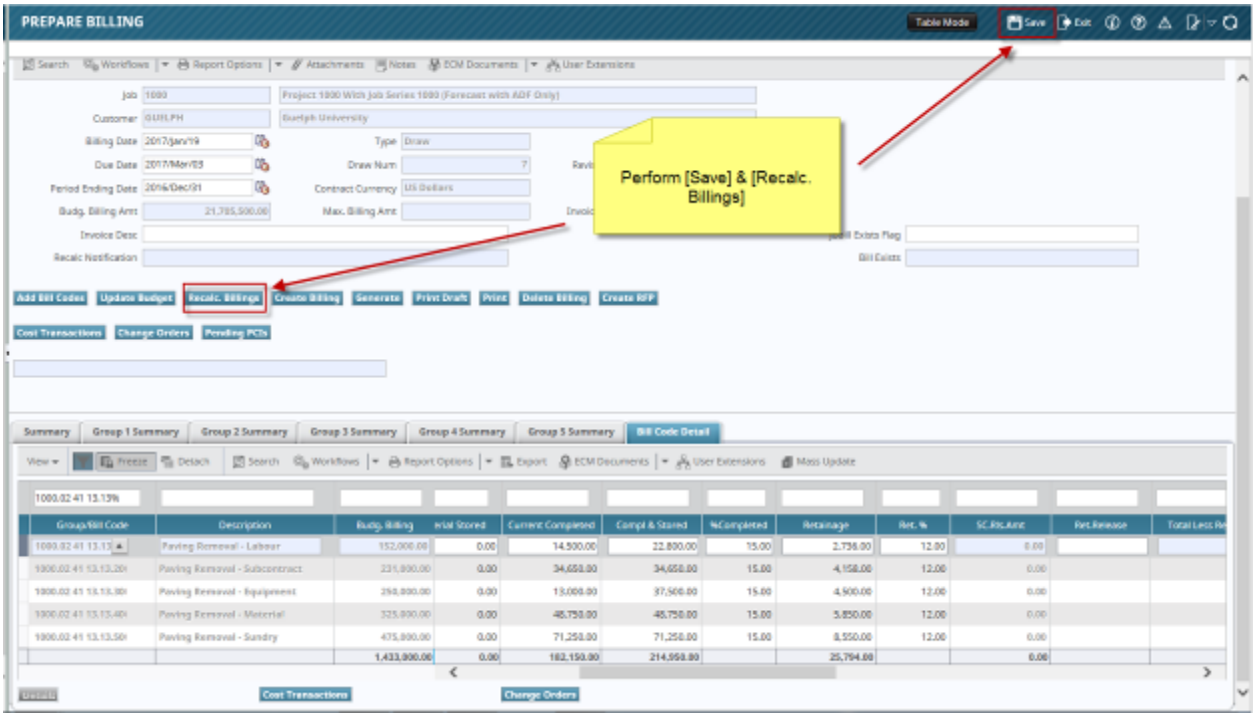
1	% Completed	Completed Percentage
2	Ret. %	Retainage Percentage

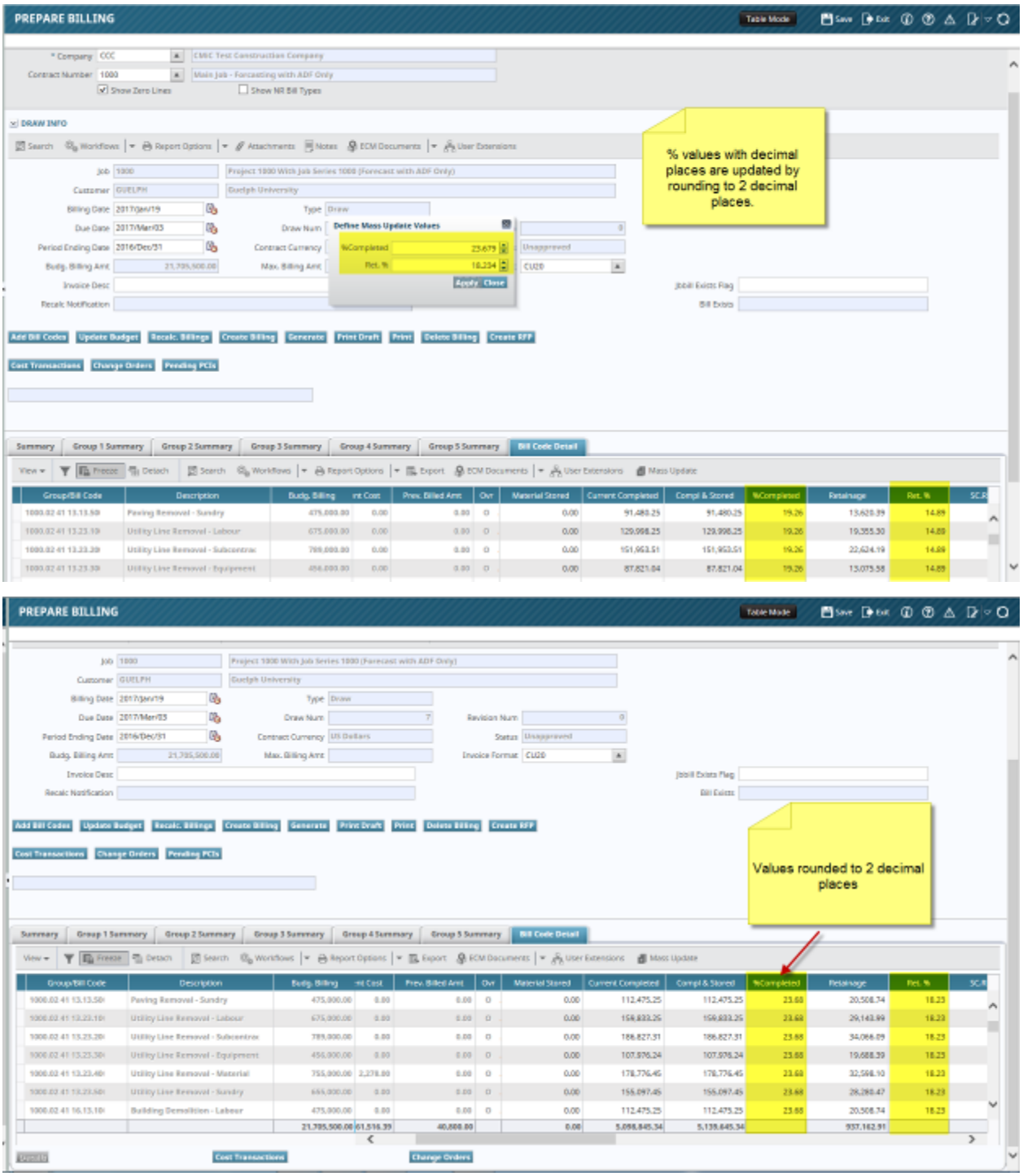
Users may enter numbers with as many decimal places as they wish, for mass update. But the program will round the same during the update of detail records.


PREPARE BILLING
Select required billcodes by query/filter


PREPARE BILLING
Define Mass Update Values
Apply
Close


PREPARE BILLING
Table Mode
Save
Exit
Define Mass Update Values
%Completed
Rec. %
Apply
Close
Add Bill Codes
Update Budget
Recalc. Billings
Create Billing
Generate
Print
Create RFP
Cost Transactions
Change Orders
Pending PCOs
Summary
Group 1 Summary
Group 2 Summary
Group 3 Summary
Group 4 Summary
Group 5 Summary
Bill Code Detail


PREPARE BILLING
Table Mode
Save
Exit
Perform [Save] & [Recalc. Billings]
Add Bill Codes
Update Budget
Recalc. Billings
Create Billing
Generate
Print Draft
Print
Delete Billing
Create RFP
Cost Transactions
Change Orders
Pending PCOs
Summary
Group 1 Summary
Group 2 Summary
Group 3 Summary
Group 4 Summary
Group 5 Summary
Bill Code Detail



Users may query/filter for specific set of records for ‘Mass Update’ of values.

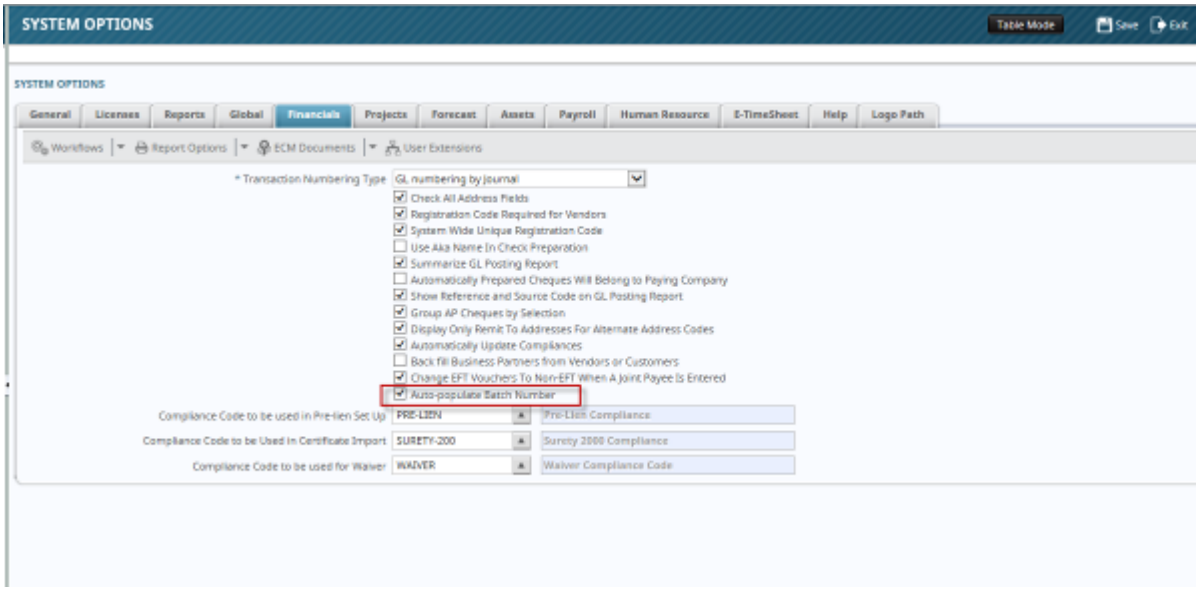
Also, users may enter values in either or both columns for mass update and press ‘Apply’ to propagate the % values to the queried set of records. ‘Cancel’ will close the pop-up without updating the column values.

Once columns reflect the mass updated values, users must explicitly perform ‘Save’ action to commit the updates to the database and then ‘Recalculate Billings’ action to update the billing values. The program will

validate the entries and adjust the retention % which may be different from the mass update value in some cases. This is due to the existing rules to validate and adjust the retention % when recalculating billings.

System Options – Auto Populate Batch Number (16.25906)

Added a system level option to NOT to populate batch number in all programs in ADF that allow batch creation. This will allow users to create a batch number with a user defined or a system defined batch name.



System > System Options > Financials

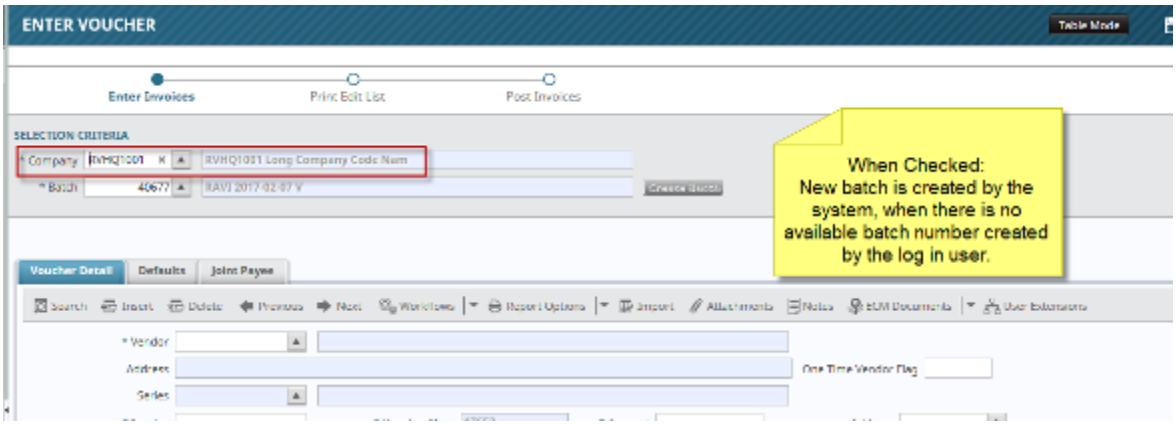
The system Options > Financials Tab is added with a new flag ‘Auto-populate Batch Number’. The default value is ‘Checked’. Users may un-check and commit if required.

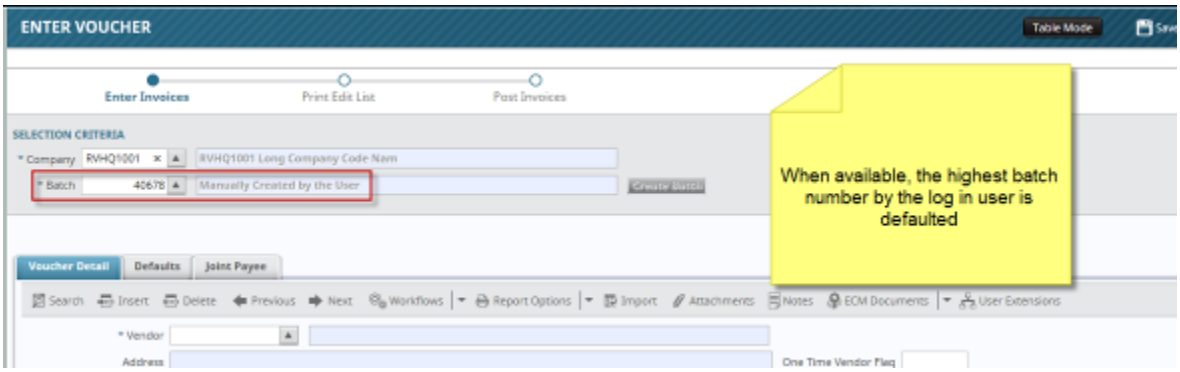
Checked: The existing functionality applies. Any program with a batch number field and the ability to create new batches, the system will default the highest batch number created by the log in user. If no batch is found, then the system will create a new batch number with a default batch name. Users may use the defaulted batch for their transaction entries or clear and create a new batch as required.

Un-Checked: The batch number field will be blank when any ADF program is opened and users must select an existing one from the list of values (if available) or create a new one as required.

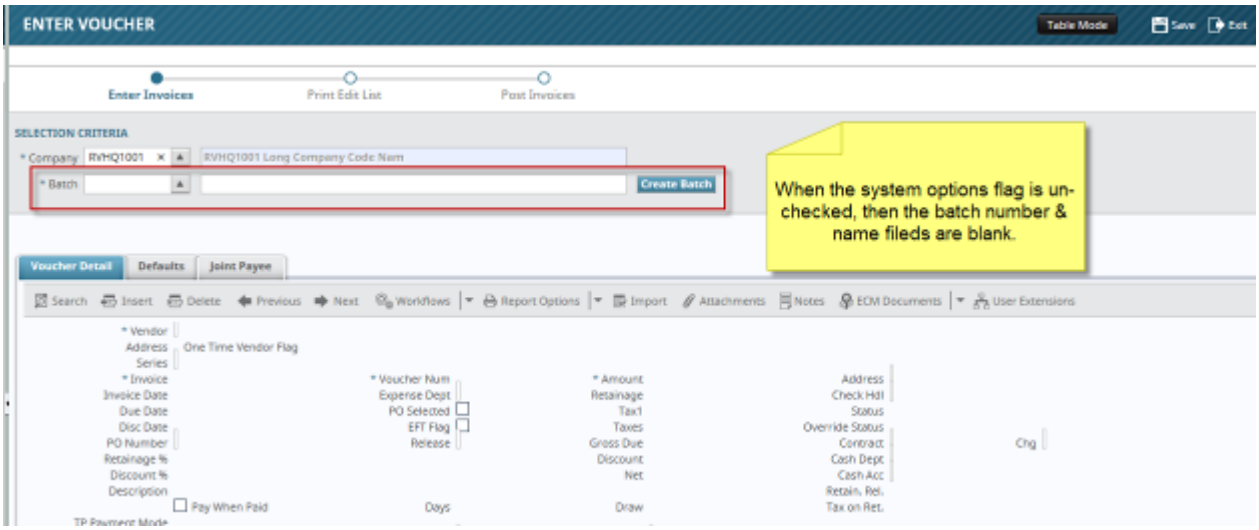
Functionality Description:

When the flag is checked:





When the flag is un-checked:

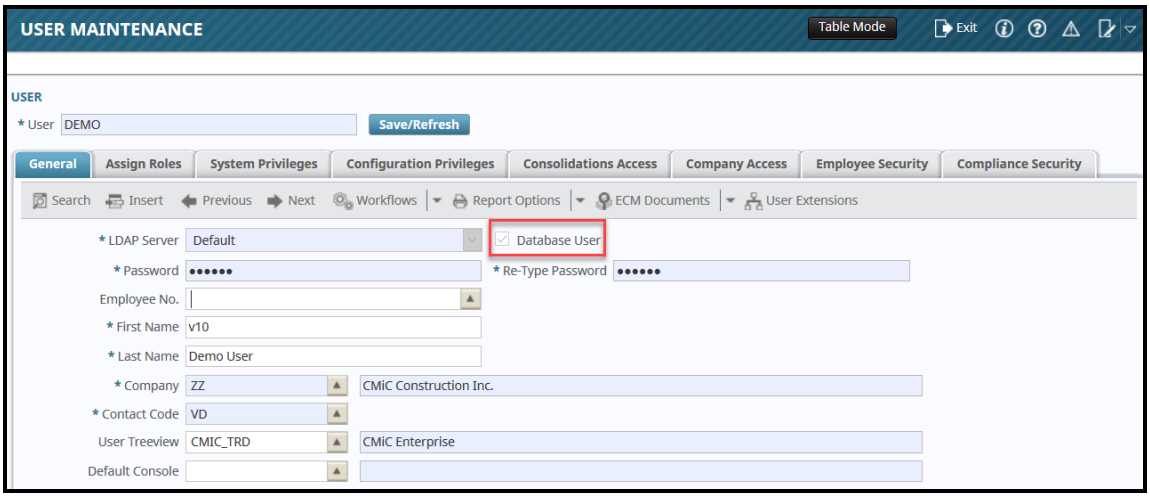


Users may select an available batch number from the list or create a new one as required.

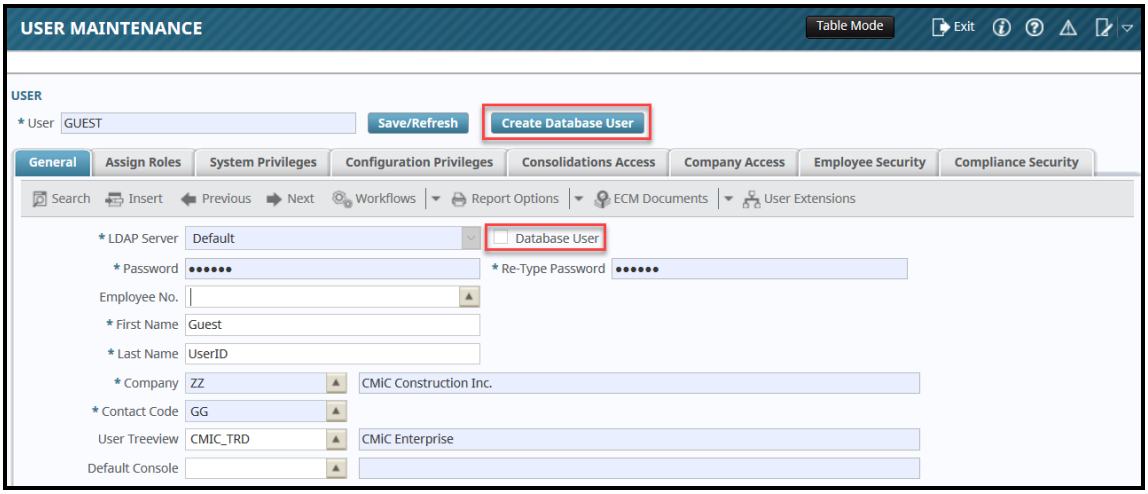
User Maintenance - Create Database User (17.46726)

The User Maintenance program is modified:

- a new flag ‘Database User’ was added, which creates database user for FORMS application for new users. Default value is unchecked.

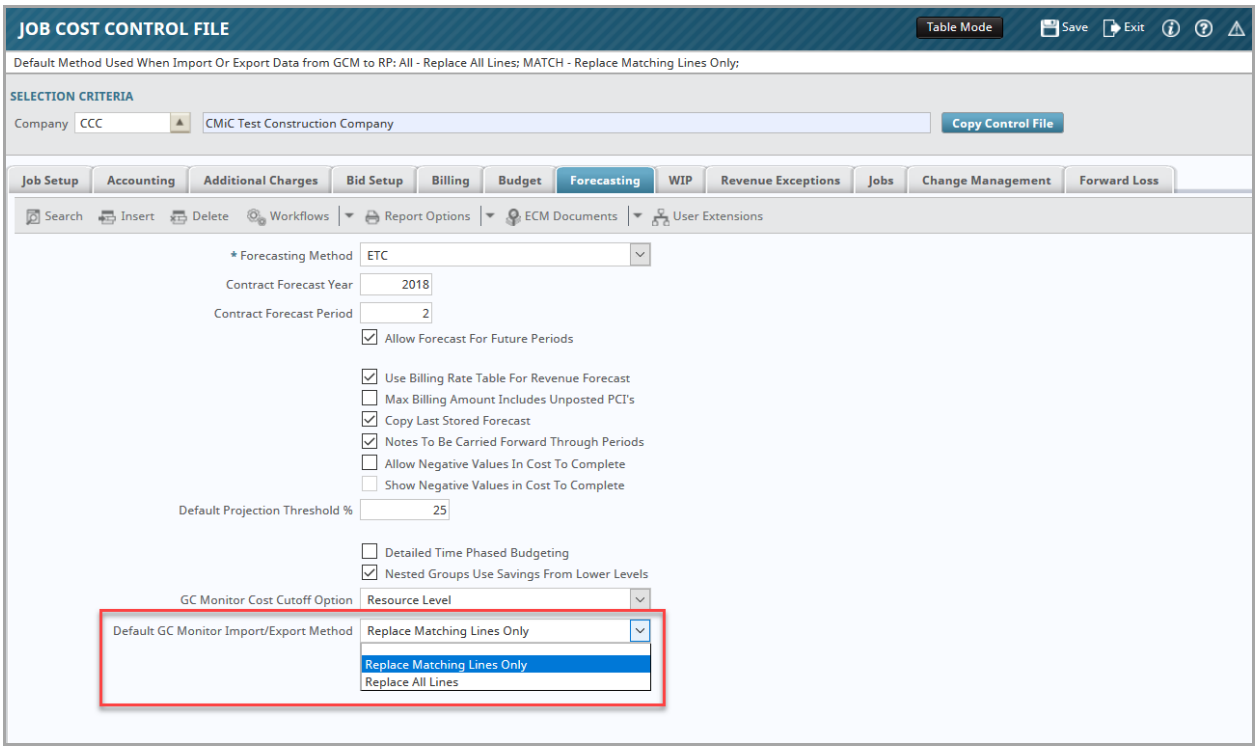


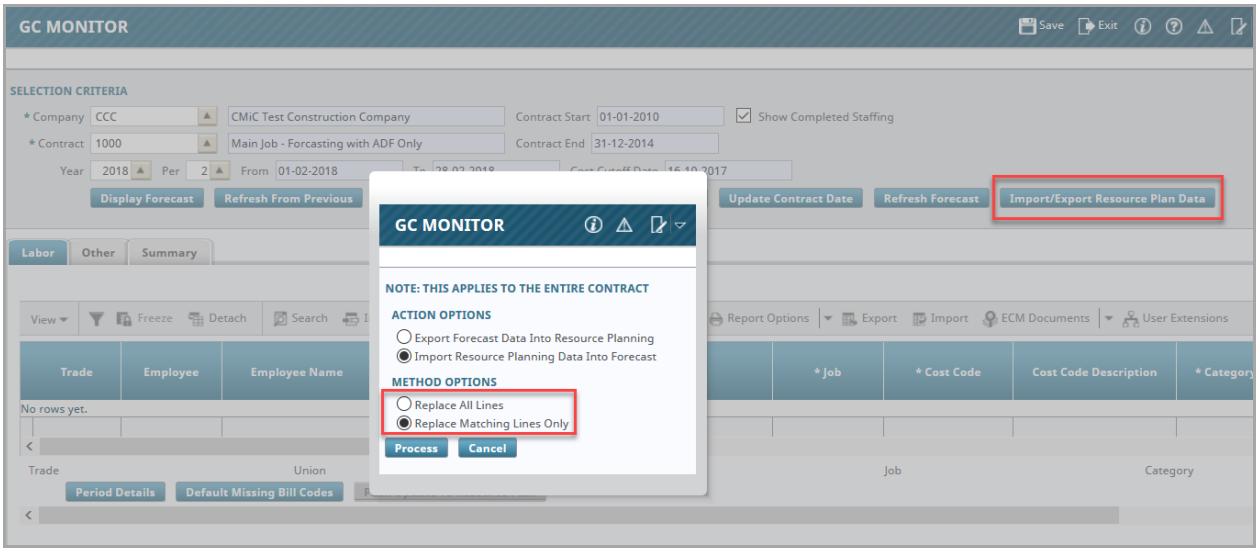
- a new button ‘Create Database User’ was added, which creates database user for FORMS application for existing users. The button is visible only for users with unchecked flag ‘Database User’



GC Monitor push to Resource Manager Default settings (18.51177)

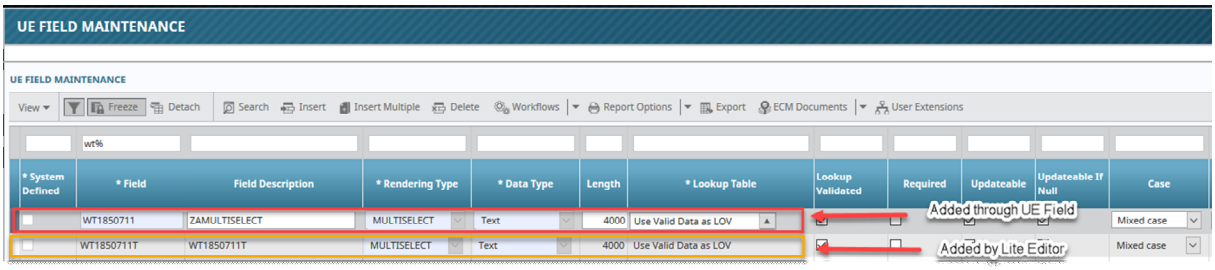
Added a new option to the ‘Forecasting’ tab in JC – Control File program. New functionality allows to default the ‘Method Options’ on ‘Import/Export Resource Plan Data’ pop-up screen in ‘GC Monitor’ program.

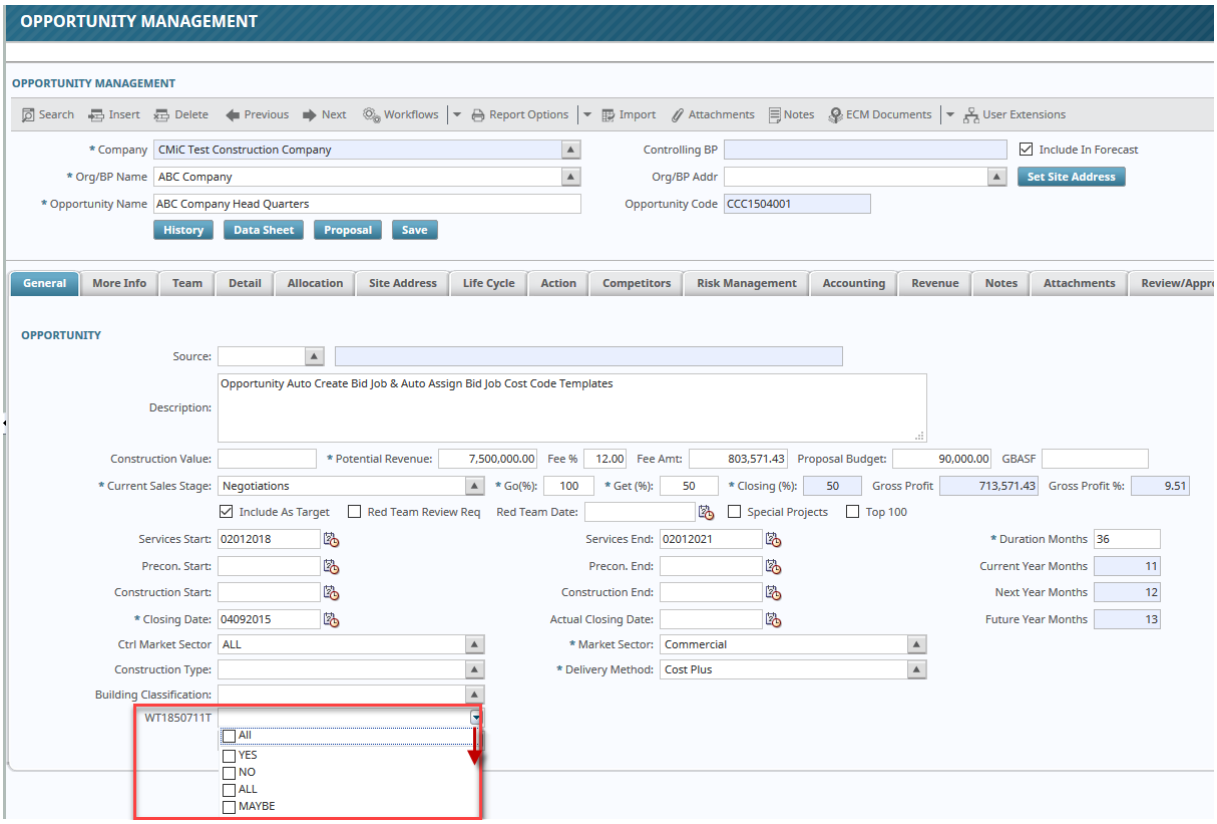


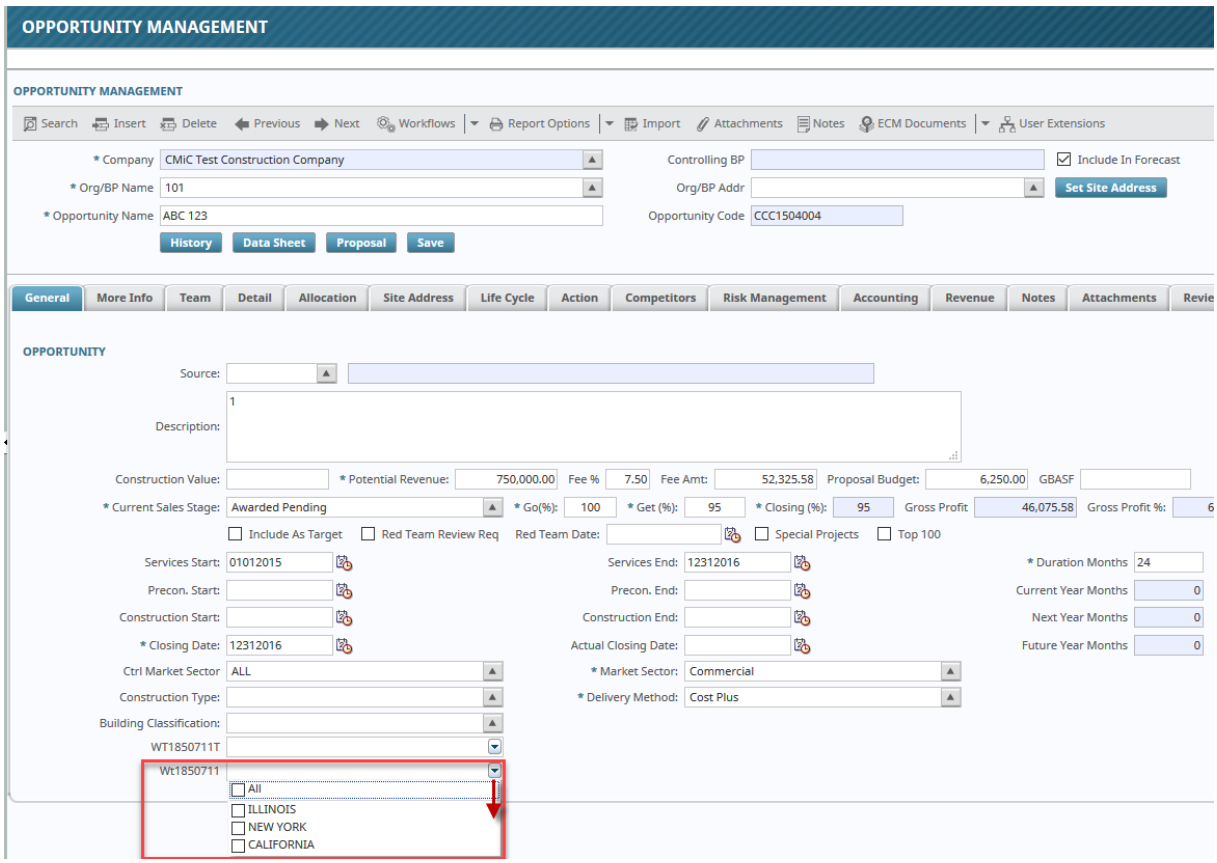


Unable to add Multi-Select Field in Datasheet (18.50711)

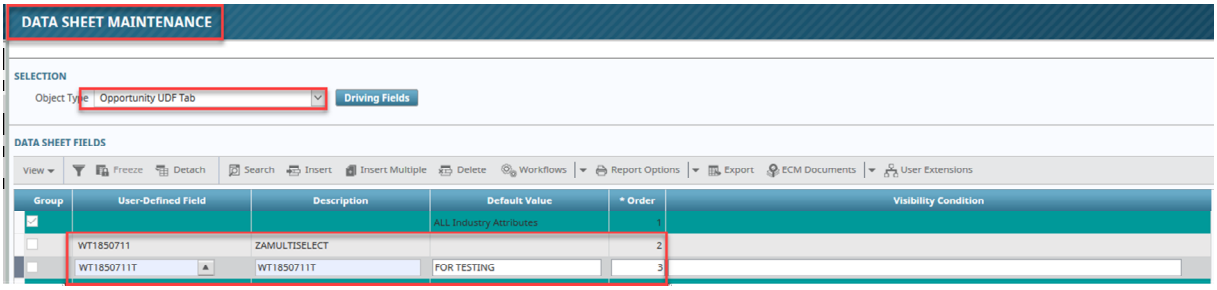
CMiC has added two Multiselect fields to an opportunity, one field named “WT1850711T” created through Lite Editor and the other field named “ZAMULTISELECT” using the UE Field Maintenance screen, as shown in the screenshot below.


UE FIELD MAINTENANCE
UE FIELD MAINTENANCE
View
Freeze
Detach
Search
Insert
Insert Multiple
Delete
Workflows
Report Options
Export
ECM Documents
User Extensions
wt%
* System Defined
* Field
Field Description
* Rendering Type
* Data Type
Length
* Lookup Table
Lookup Validated
Required
Updateable
Updateable If Null
Case
WT1850711
ZAMULTISELECT
MULTISELECT
Text
4000
Use Valid Data as LOV
Mixed case
WT1850711T
WT1850711T
MULTISELECT
Text
4000
Use Valid Data as LOV
Mixed case
Added through UE Field
Added by Lite Editor

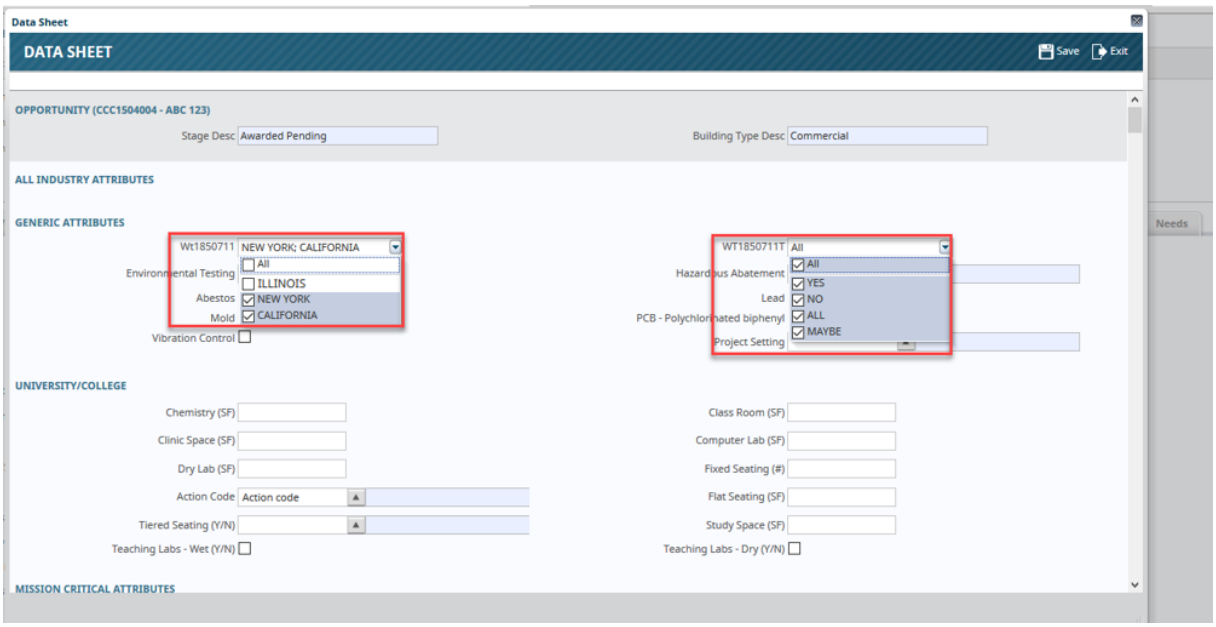

OPPORTUNITY MANAGEMENT
OPPORTUNITY MANAGEMENT
Search
Insert
Delete
Previous
Next
Workflows
Report Options
Import
Attachments
Notes
ECM Documents
User Extensions
* Company
CMiC Test Construction Company
Controlling BP
Include In Forecast
* Org/BP Name
ABC Company
Org/BP Addr
Set Site Address
* Opportunity Name
ABC Company Head Quarters
Opportunity Code
CCC1504001
History
Data Sheet
Proposal
Save
General
More Info
Team
Detail
Allocation
Site Address
Life Cycle
Action
Competitors
Risk Management
Accounting
Revenue
Notes
Attachments
OPPORTUNITY
Source:
Description:
Opportunity Auto Create Bid Job & Auto Assign Bid Job Cost Code Templates
Construction Value:
* Potential Revenue:
7,500,000.00
Fee %
12.00
Fee Amt:
803,571.43
Proposal Budget:
90,000.00
GBASF
* Current Sales Stage:
Negotiations
* Go(%):
100
* Get (%):
50
* Closing (%):
50
Gross Profit
713,571.43
Gross Profit %:
9.51
Include As Target
Red Team Review Req
Red Team Date:
Special Projects
Top 100
Services Start:
02012018
Services End:
02012021
* Duration Months
36
Precon. Start:
Precon. End:
Current Year Months
11
Construction Start:
Construction End:
Next Year Months
12
* Closing Date:
04092015
Actual Closing Date:
Future Year Months
13
Ctrl Market Sector
ALL
* Market Sector:
Commercial
Construction Type:
* Delivery Method:
Cost Plus
Building Classification:
WT1850711T
All
YES
NO
ALL
MAYBE



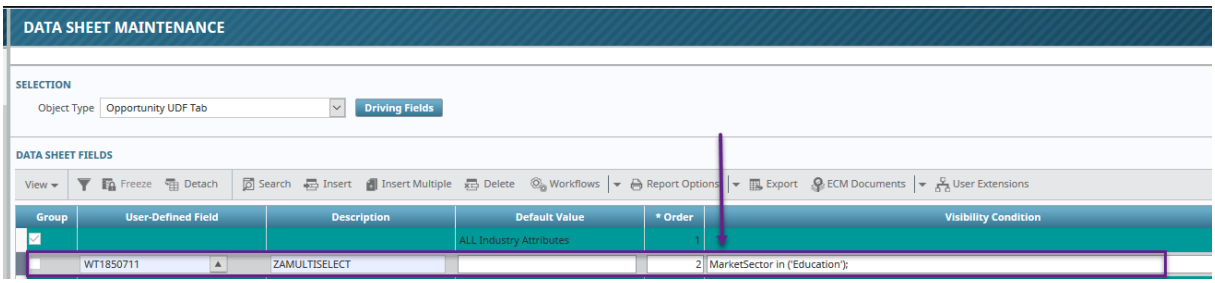
Added to datasheet:



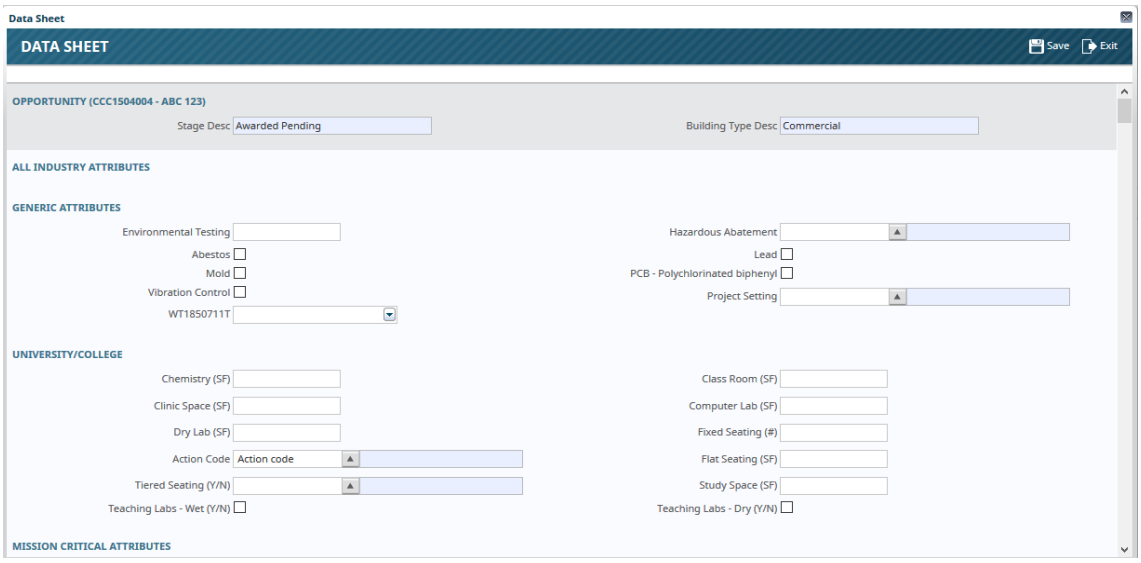
Multiselect fields allow the user to select different values from a drop-down list.



Also, these multi-select fields in the datasheet can be visible or hidden based on the condition that the user defines in the visibility condition column.

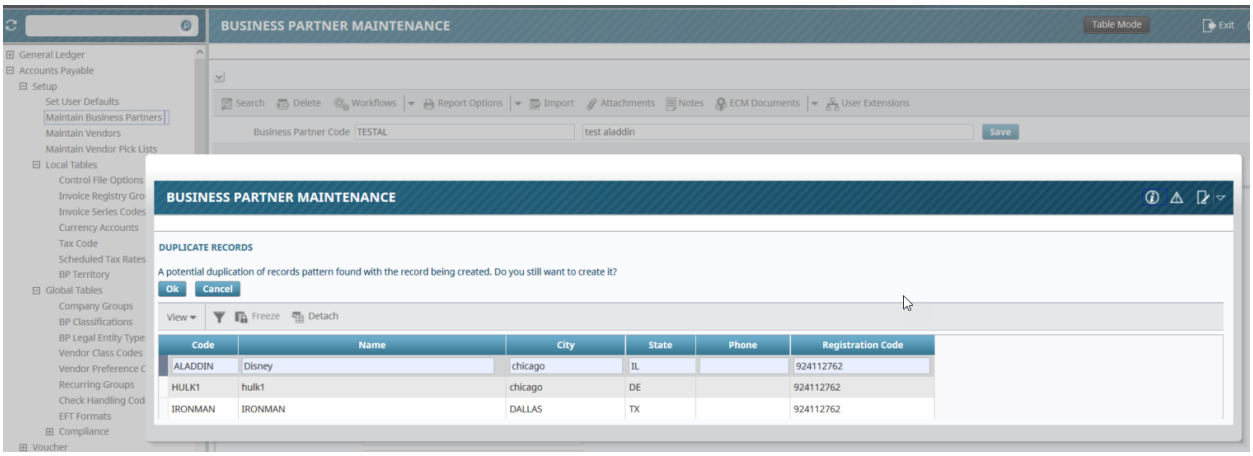


Now the field is hidden in the Data Sheet screen.

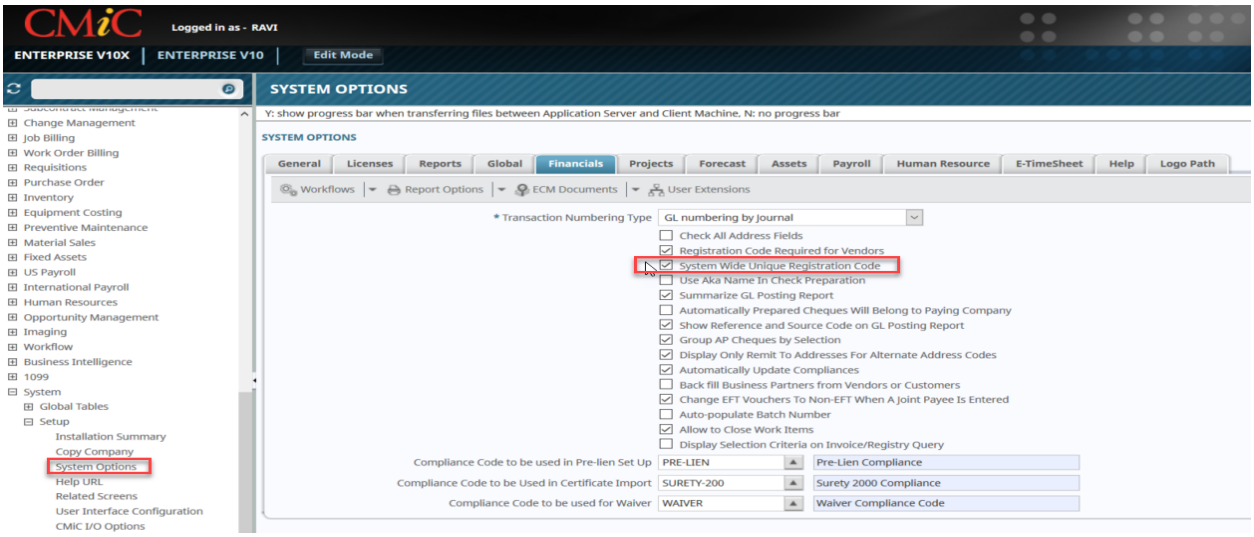


Business Partner Registration Code Validation (18.67777)

Added a soft-stop/warning message in Business Partner creation with same registration codes.



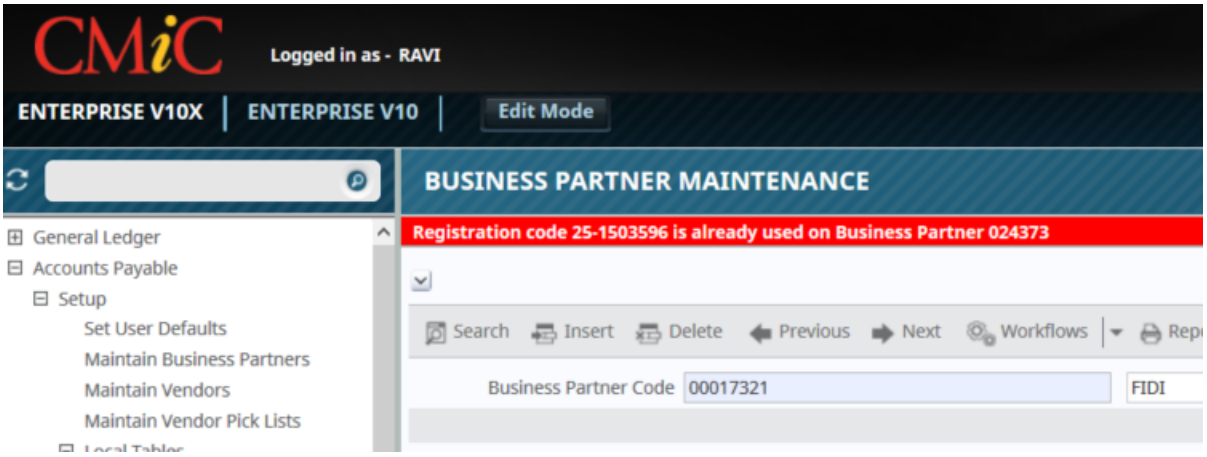
The CMiC system options allow the creation of Business partners with same registration code by unchecking the flag “System Wide unique Registration Code”. The work order was to allow creation of such Business Partners with a soft warning pop-up as shown above. Users may review and then proceed to create Business Partners.



Functionality of “System Wide Unique registration code” check box:

When the “System Wide Unique registration code” check box is checked (Y)

For two different Business partners:
In this scenario the system will only allow creation of business partners with unique registration code. If the user tries to create new Business Partner with an existing registration code, then the system will throw a validation error as shown below.



b) For Sub Business Partners unique registration code

A sub business partner with a unique registration code from its controlling business partner is allowed

c) For sub business partner with same registration code as controlling business partner

The validation message is thrown saying that the registration code is already in use

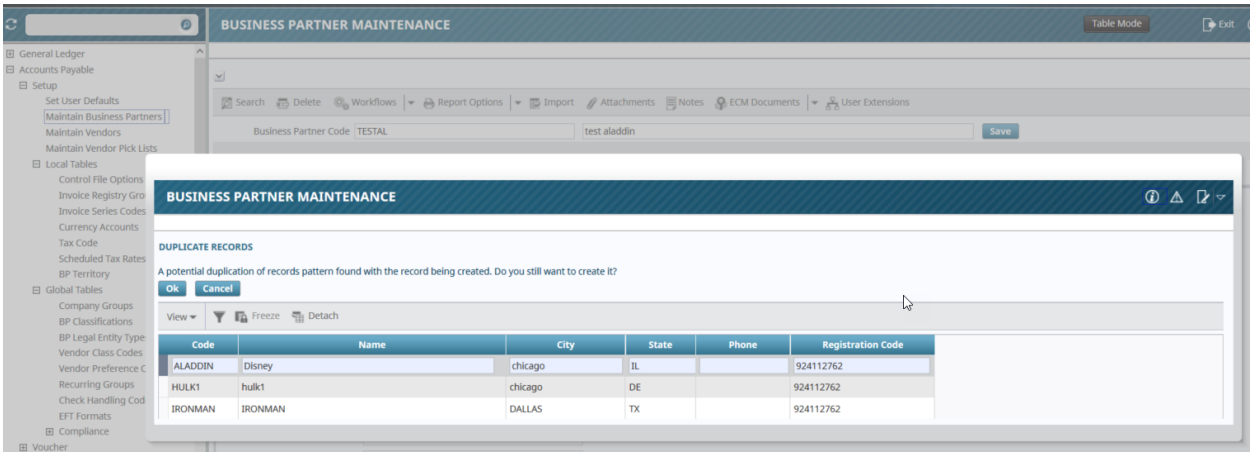
When the “System Wide Unique registration code” check box is Unchecked (N)

For two different Business partners

The application pops a confirmation message notifying the user that there is a possible duplication of registration code but still allows to save the Business partner if the user clicks on “Ok”.

For Sub Business Partners

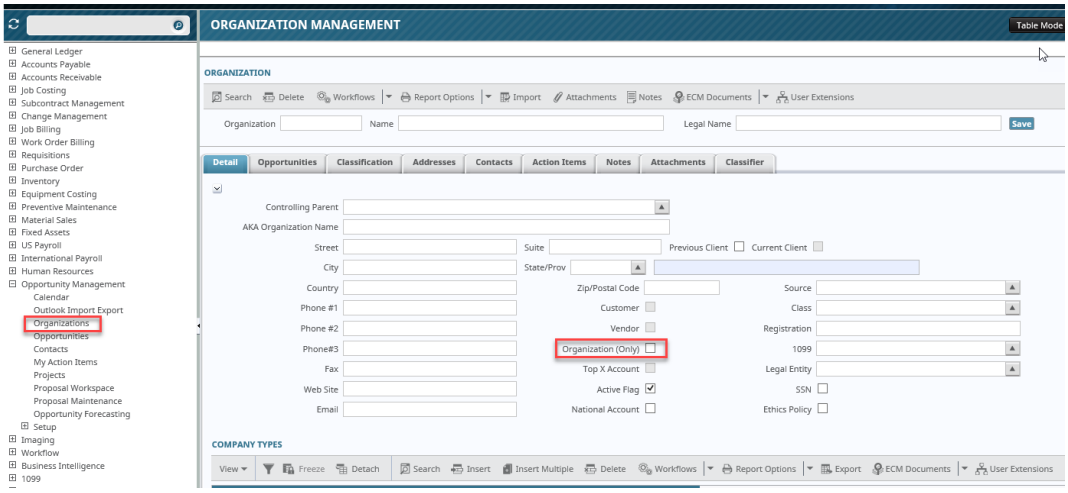
The application pops a confirmation message same as point a. Please find the screen shot below



This modification is applicable to ADF and only to the following programs:

AP/AR Business Partner Entry Program (gt_bpbpfm)

OM Organization Entry Program (OM_Opportunity management)



Toolbars (Screen & Block Toolbars)

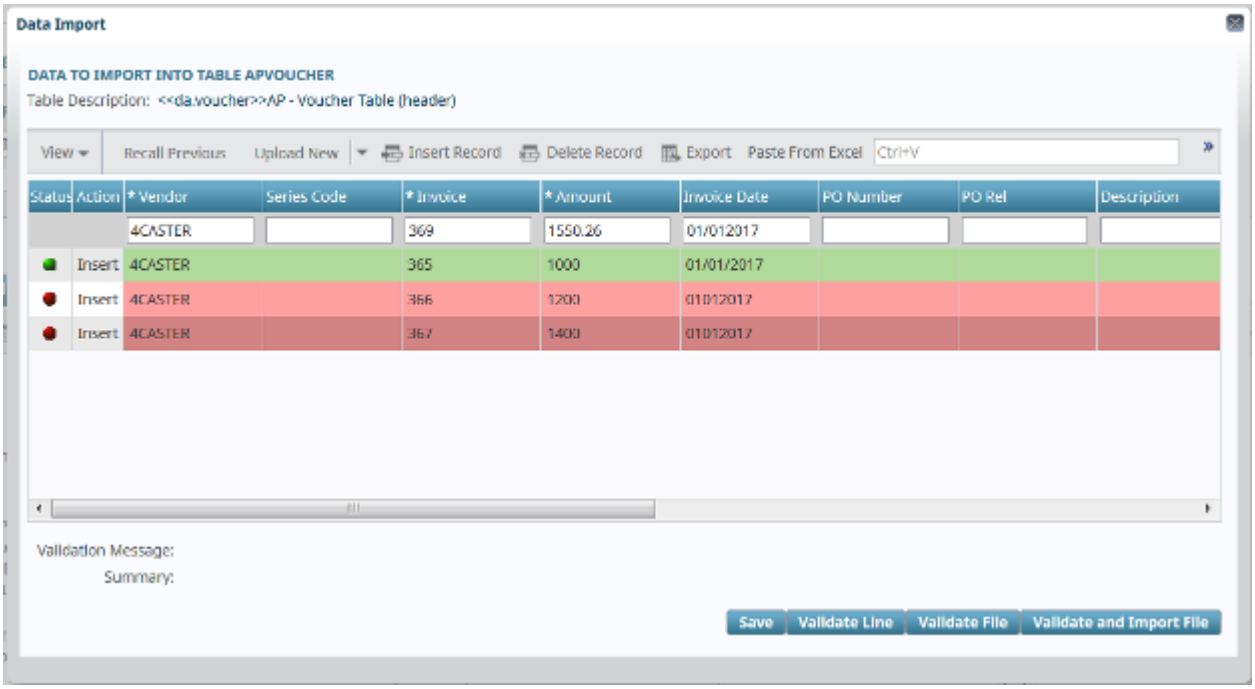
Import Feature Needs Edit Listing (16.23264)

Import feature needs the ability to print an Edit Listing and export to Excel with error messages.

Modifications

With this enhancement, new [**Export**] button added to the Block Toolbar of the **Import** block. In other words, any screen which has an import feature will have an [**Export**] button. It will export everything currently present in the **Import** block:

- All the fields values
- Record status (valid, invalid, not validated)
- Error message if the record is invalid

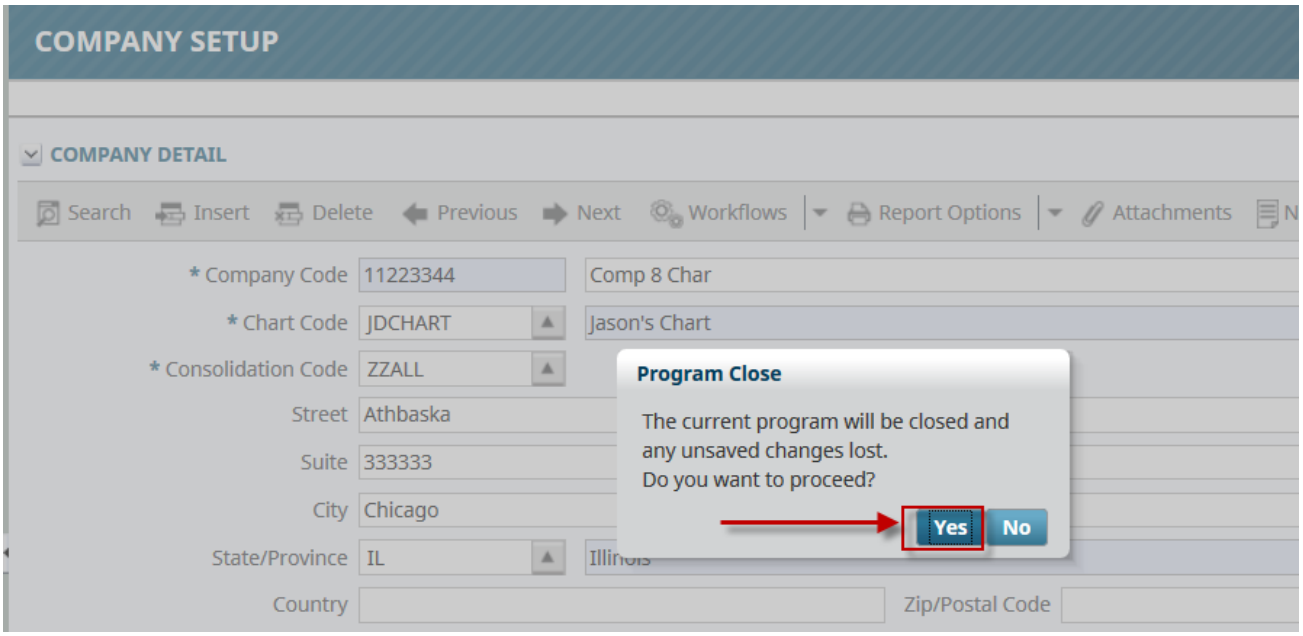


Save Prompt when leaving a program (17.92744)

CMiC will provide a warning when users navigate away from an ADF page and the system detects unsaved changes. The message will read as “The current program will be closed. Do you want to proceed?”. If users respond “NO”, then the pop-up will be closed and the user taken back to the original page, where they can press “Yes” before proceeding.

NOTE: The system sometime detects changes, which may not be actually submitted by the user, and may result in this message appearing. This scenario is addressed as much as possible by eliminating the pop-up message.

New a prompt message will appear on screen, when user clicks on nodes in Treeview to open another program. This popup enables user to save any unsaved data and then safely open the new program.



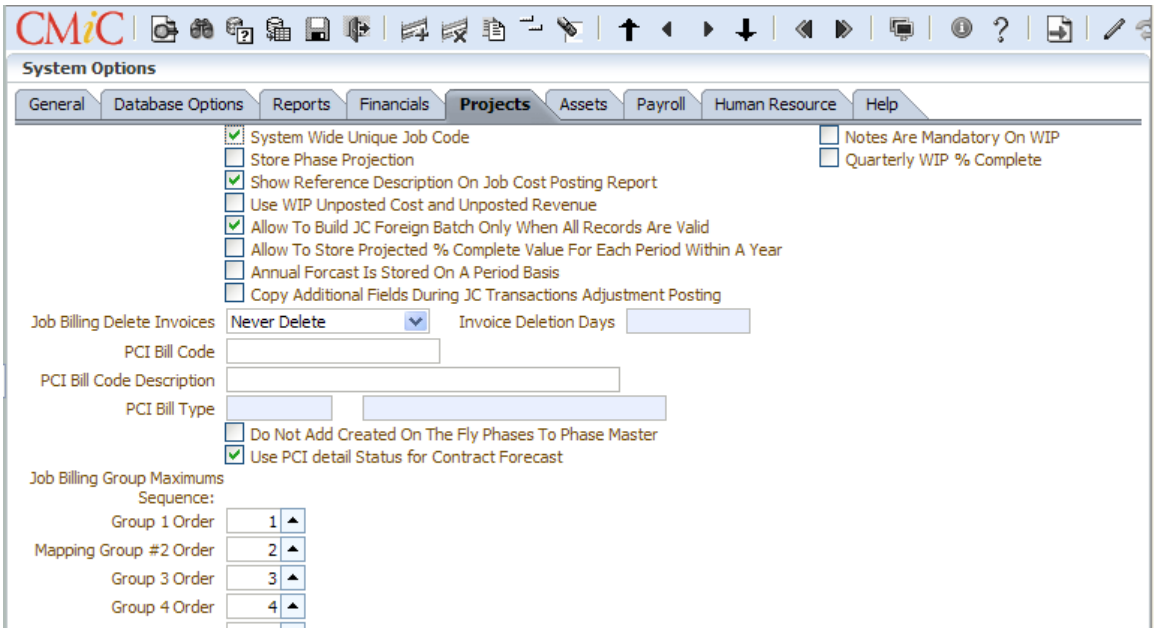
Yes- By pressing this button user will be leaving screen without saving record

No- This button will preventing user from closing screen without saving data, any modification on screen after pressing “Save” button will be ok.

This feature can be turned off by an option in configuration file and accessible by System Administrators only.

UI Runtime System Options

PCI Status From Detail Level (11.56604)



Added new flag “Use PCI Detail Status for Contract Forecast” to the System Options “Projects” tab.

When this flag is enabled the system will use the Detail Level status of the PCI, NOT the Header Level for reporting.

NOTE: The System Options flag “Use PCI Detail Status for Contract Forecast” applies only to the ADF version of the JC Contract Forecast screen.

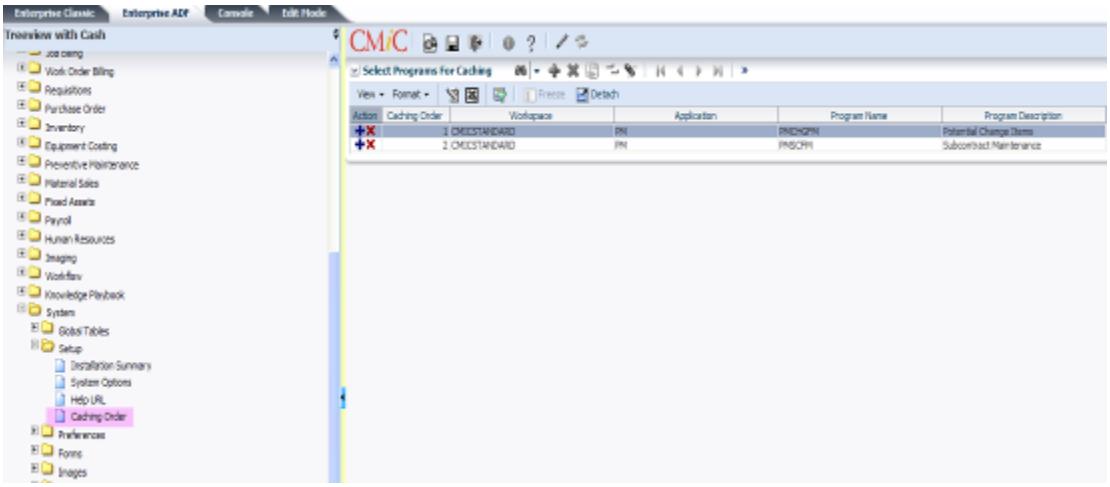
UI Runtime Enhancements

Ability to Pre-Select UIRuntime programs for caching (11.63372)

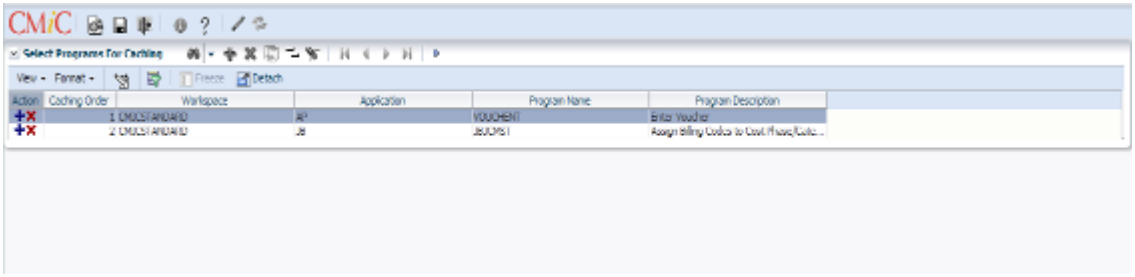
Currently, when the Weblogic server starts up, it launches a servlet that pre-loads the UIRuntime cache with a list of programs. The list is generated by a database package. The package's algorithm is to read a table that stores the most recently used programs.

The user can now pre-select UIRuntime programs for caching. So when the Web Logic server started up it loads all the programs specified before it loads the most-recently-used programs.

In System=>Setup Menu there is a program "Caching Order". The user can specify which programs will be cached and assign the caching order.



The Program Caching mechanism will first cache those programs specified in the "Caching Order" screen, and then will cache the most used programs

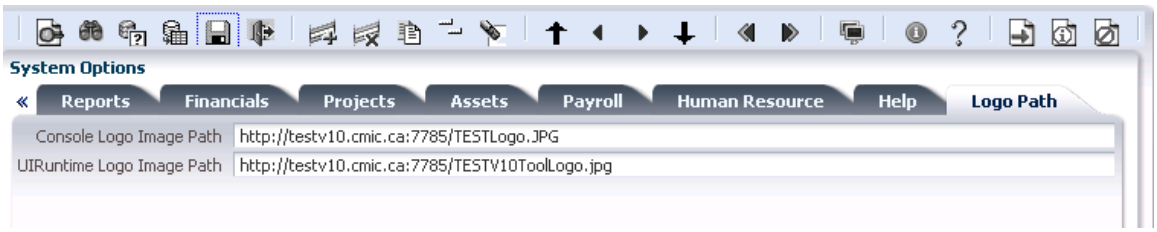


Logo Substitutions

In the UI runtime Console (Enterprise option), the default CMiC Logos may be replaced with corporate logo images.

NOTE: The CONSOLE Logo Image MUST be identical in size to the default image provided. Any other size will result in cropping of the image on display and/or potential other alignment issues. This size is set as 262 pixels Width, 30 pixels Height using 96 dpi resolutions stored as a JPG format image.

In the UI Runtime version of the System Options, there is a new tab called [**Logo Path**] which defines the HTTP call for the images. The images must reside in an open HTTP location.



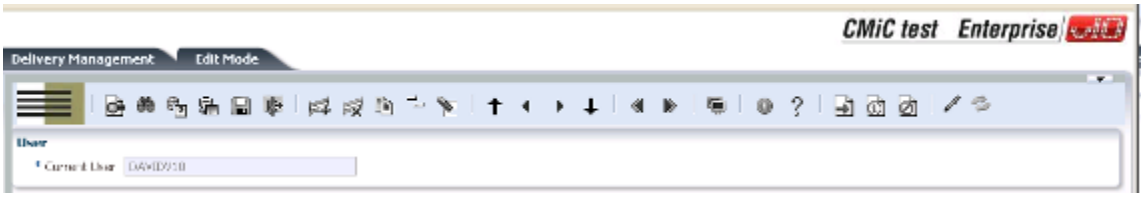
In both fields, if they are left blank, the standard default images will be used. If an accessible HTTP address is specified, then that image will replace the Console Logo or the UIRuntime Tool bar Logo as entered.

The LOGO used in the Toolbar of the UIRuntime programs will impact the positions and size of the toolbar. It is strongly recommended to use the same size/scale of image currently provided.

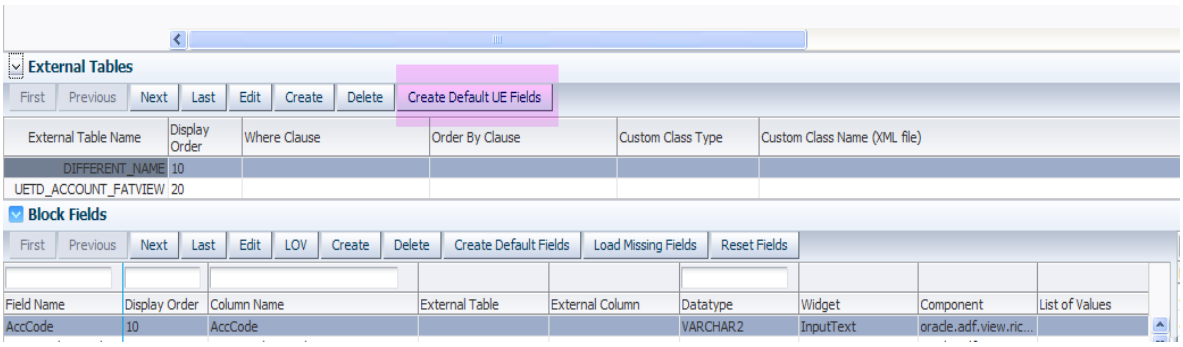


As shown here, a larger image was used in the UIRuntime Logo specification, resulting in a heightening of the Toolbar space used. Similarly, a wider image would reduce the space of icons.

By simply resizing this image, the Toolbar will appear closer to the original design using the default image as shown below:



Create Default UE Fields (11.63724)



This option has been added in Program Builder to create Block Fields for User Extensions separately from Block Fields for Base-table Blocks.

There is now a new toolbar button, called Create Default UE Fields, located in External Tables Region, which can be used to invoke a PL/SQL procedure to create default UE fields. This option is related to the toolbar button, called Create Default Fields, located in Blocks Region, which is used to invoke a PL/SQL procedure to create default fields as per the Table assigned to the Block.

Block Properties (11.63659)

Base Table Block has the optimal ViewObject tuning parameters.

Overview

Block properties are specific to the Block Type, so each Block Type can have its own set of properties. Available Block Properties are specific for each Block Type and stored in the following scripts:

- Properties for the Base Table Block Type is located in uigblockbasetable.dat
- Properties for the Control Block Type is located in uigblockcontrol.dat

The files are located in \ External\Application\SQL\UIG\ and called from uigblocktype.dat.

Create New Properties

Block properties are specific to the Block Type, so each Block Type can have its own set of properties.

To create a new property for a Block Type, the programmer has to update the script corresponding to the Block Type (see list of scripts in section #1 above).

Example for property “MaxFetchSize”:

```
define prop_name='MaxFetchSize'

define prop_datatype='dbk_sys_anydata.number_datatype'

define prop_req_flag='N'

define prop_dflt_value =''

define prop_desc='Maximum Number Of Rows To Fetch From Database'

define prop_label='Maximum Fetch Size'
/begin
  dbk_uig_standard_data.add_blocktype_prop ('&&blktyp_code'
                                ,'&&prop_name'
                                ,'&&prop_desc'
                                , &&prop_datatype
                                ,'&&prop_req_flag'
                                ,'&&prop_dflt_value'
                                ,'&&prop_label');
end;
/
```

Where parameters are:

Parameter	Description
prop_name	Property Name
prop_datatype	Data Type. Can be: dbk_sys_anydata.varchar2_datatype dbk_sys_anydata.number_datatype dbk_sys_anydata.date_datatype
prop_req_flag	Required Flag

prop_dflt_value	Default Value
prop_desc	Description of the property
prop_label	Value to be used as prompt in the Builders. When null the property name will be displayed.

Update or Delete Block Property value

The end user is supposed to use the Program Builder to update the Block Properties. However, while this feature is not available in the Program Builder the following PL/SQL commands can be used:

To update a Block Property value**:**

```
begin
  dbk_uig_program_data.add_blockprop_definition
                                (p_prg_name => 'PROGRAM NAME'
                                ,p_blk_name => 'BLOCK NAME'
                                ,p_prop_name => 'PROPERTY NAME'
                                ,p_value => PROPERTY VALUE);
end;
```

To delete a Block Property value:

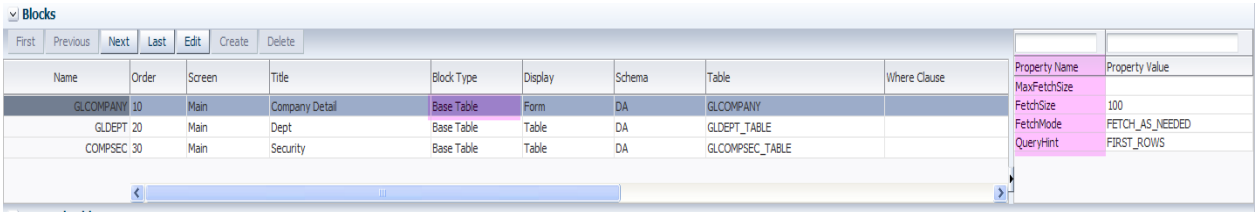
```
begin
  dbk_uig_program_data.delete_blockprop_definition
                                 (p_prg_name => 'PROGRAM NAME'
                                 ,p_blk_name => 'BLOCK NAME'
                                 ,p_prop_name => 'PROPERTY NAME');
end;
/
```

List of Available Block Properties

Base Table Block Type

Property Name	Data Type	Description	Required	Default Value	Valid Values
MaxFetchSize	Number	Maximum Number Of Rows To Fetch From Database	N	NULL	Positive Integer
FetchSize	Number	Number Of Rows To Fetch At Once	N	100	Positive Integer

FetchMode	Varchar2	How To Fetch Rows	N	FETCH_AS_NEEDED	FETCH_ALL FETCH_AS_NEEDED
QueryHint	Varchar2	SQL Optimizer Hint	N	FIRST_ROWS	Any SQL Optimizer Hint key.



Control Block Type

No properties for the Control Block type yet.

Property Name	Data Type	Description	Required	Default Value	Valid Values

Dynamic Targets (11.61390)

There are scenarios when there is a set of "similar" reports or programs that have the same parameters. The user's program has to call only one of these reports/programs, but its name is unknown at the time of the program design and has to be determined programmatically. The example of this scenario can be a Check Printing program that would call different reports with different check layouts depending on the user's settings.

All those Check Reports have the same parameters. Normally, the users would have to create targets, target options, actions, action flows and Screen Calls for each such report/program. In a situation like this it becomes quite overwhelming to create the initial definition and makes the maintenance harder and increases the probability of errors.

Implementation

The solution for this situation is to create a Dynamic Target. Note, in order to use the Dynamic Targets feature the called Reports or Programs have to have exactly the same parameters (it includes number of parameters and their names).

Application Programmer will write a SQL Method to find out the recipient name and will call the new Public Routine (da.dbk_sys_uig_context.set_dynamic_call_recipient (p_value in varchar2)) to set the Context variable with the recipient name. This SQL Method will have to be an action called before the Screen Call Action.

Steps to create and use Dynamic Targets for reports (steps for Programs are the same):

Create only one Target with Target Options for one of the Reports.

Create a database procedure that would determine the Name of the Report that needs to be called. This procedure has to setup a Context Variable with the name of the report by calling

"da.dbk_sys_uig_context.set_dynamic_call_recipient (p_value in varchar2)" with the Report Name passed as a parameter. This Report name will be used instead of the Report Name specified in the Target.

Don't forget to register your procedure using dbk_uig_program_data.register_db_proc.

Create Screen Call for your target created in step 1 using dbk_uig_program_data.add_screen_call with parameter p_scrcall_dynamic_flag => 'Y'.

Create Screen Call mapping by dbk_uig_program_data.add_screen_call_map as usual.

Create SQL Method Action for the procedure created in step 2.

Create Actions and Action Flows as needed. Note the SQL Method Action created in step 5 has to be called **before** the Screen Call action.

Example

Assume we have two reports JC2000 and JC1000 with the same parameter p_comp_code (company code). Our printing program will have two fields Company Code and Report Code. Company Code will be passed to the reports and Report Code will specify what report to call.

1. Create Target and Target Option:

```
execute dbk_uig_target_option.add_std_target_option
('Dynamic Target Test', null, dbk_uig_data.uig_objtype_orclreport_code, 'JC1000');
execute dbk_uig_target_option.add_std_target_parm
('Dynamic Target Test', 'p_comp_code',       1, 'VARCHAR2');
```

2. Create a database procedure that would determine the Name of the Report that needs to be called:

```
CREATE OR REPLACE PACKAGE BODY dbk_dm_dynamic_target_test AS
    procedure set_report (p_report_code in varchar2) is
begin
    if p_report_code ='JC2000' then
    dbk_sys_uig_context.set_dynamic_call_recipient (p_value => 'JC2000');
    elsif p_report_code ='JC1000' then
    dbk_sys_uig_context.set_dynamic_call_recipient (p_value => 'JC1000');
else
      raise_application_error  (-40000, 'Wrong Report Code! ');
end if;
end set_report;
 END dbk_dm_dynamic_target_test;
```

3. Create Screen Call, Actions and Action Flows:

```
REM Register DB Proc
================================================================
begin
  dbk_uig_program_data.register_db_proc(
    p_schema_name => 'DA'
   ,p_proc_name => 'dbk_dm_dynamic_target_test.set_report');
end;
/
================================================================
REM Create Screen Call
================================================================
begin
```

```
  dbk_uig_program_data.add_screen_call(
     p_prg_name => '&&p_prg_name'
    ,p_scr_name => 'Main'
    ,p_scrcall_name => 'RUN_REPORT_SCRCALL'
    ,p_scrcall_order_num => 1
    ,p_scrcall_target_name => 'Dynamic Target Test'
    ,p_scrcall_target_window => dbk_uig_data.target_window_popup_code
    ,p_scrcall_new_trace_id => 'N'
    , p_scrcall_dynamic_flag => 'Y' );
end;
/
begin
  dbk_uig_program_data.add_screen_call_map(
     p_prg_name => '&&p_prg_name'
    ,p_scr_name => 'Main'
    ,p_scrcall_name => 'RUN_REPORT_SCRCALL'
    ,p_target_name => 'Dynamic Target Test'
    ,p_tparm_name => 'p_comp_code'
    ,p_tparm_order_num => 1
    ,p_value_blk_name => 'Control'
    ,p_value_blkf_name => 'CompCode'
    ,p_default_value => null );
end;
/
================================================================
REM Create SQL Method Action
================================================================
begin
  dbk_uig_program_data.add_action_definition (
     p_prg_name => '&&p_prg_name'
    ,p_act_name => 'set_report'
    ,p_act_type => 'SQLMTH'
    ,p_dflt_run_target_flag => 'N'
    ,p_proc_name => 'dbk_dm_dynamic_target_test.set_report'
    ,p_proc_return_datatype => null
    ,p_schema_name => 'DA' );
end;
/

begin
  dbk_uig_program_data.add_dbprocmap (
     p_prg_name => '&&p_prg_name'
    ,p_act_name => 'set_report'
    ,p_schema_name => 'DA'
    ,p_proc_name => 'dbk_dm_dynamic_target_test.set_report'
    ,p_return_datatype => null
    ,p_param_name => 'p_report_code'
    ,p_scr_name => 'Main'
    ,p_blk_name => 'Control'
    ,p_field_name => 'ReportCode' );
end;
/
================================================================
REM Create Screen Call Action
================================================================
begin
```

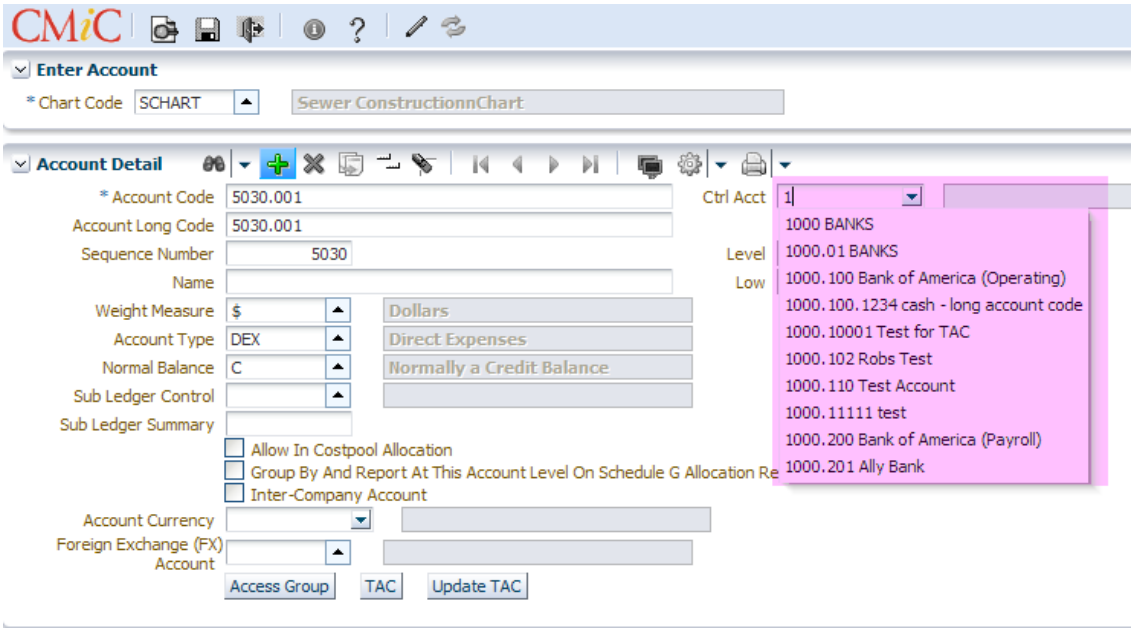
```
  dbk_uig_program_data.add_action_definition (
     p_prg_name => '&&p_prg_name'
    ,p_act_name => 'RUN_REPORT'
    ,p_act_type => 'SCRCALL'
    ,p_dflt_run_target_flag => 'N'
    ,p_scrcall_scr_name => 'Main'
    ,p_scrcall_target_name => 'Dynamic Target Test'
    ,p_scrcall_name => 'RUN_REPORT_SCRCALL' );
end;
/


================================================================
REM Create Action Flows
================================================================
begin
  dbk_uig_program_data.add_action_flow(
     p_prg_name => '&&p_prg_name'
    ,p_from_act_name => 'Screen'
    ,p_from_outcome => 'PRINT'
    ,p_to_act_name => 'set_report'
    ,p_commit_flag => 'Y' );
end;
/
begin
  dbk_uig_program_data.add_action_flow(
     p_prg_name => '&&p_prg_name'
    ,p_from_act_name => 'set_report'
    ,p_from_outcome => 'FAILURE'
    ,p_to_act_name => 'Screen'
    ,p_commit_flag => 'N' );
end;
/
begin
  dbk_uig_program_data.add_action_flow(
     p_prg_name => '&&p_prg_name'
    ,p_from_act_name => 'set_report'
    ,p_from_outcome => 'SUCCESS'
    ,p_to_act_name => 'RUN_REPORT'
    ,p_commit_flag => 'Y' );
end;
/
```

Design:

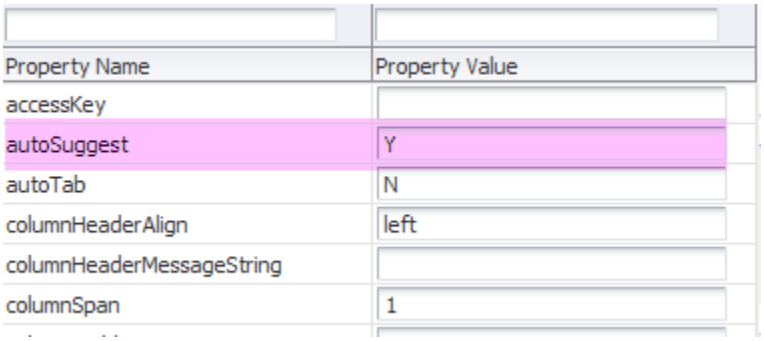
The original design can be found in “Design - Dynamic Target Options.doc”

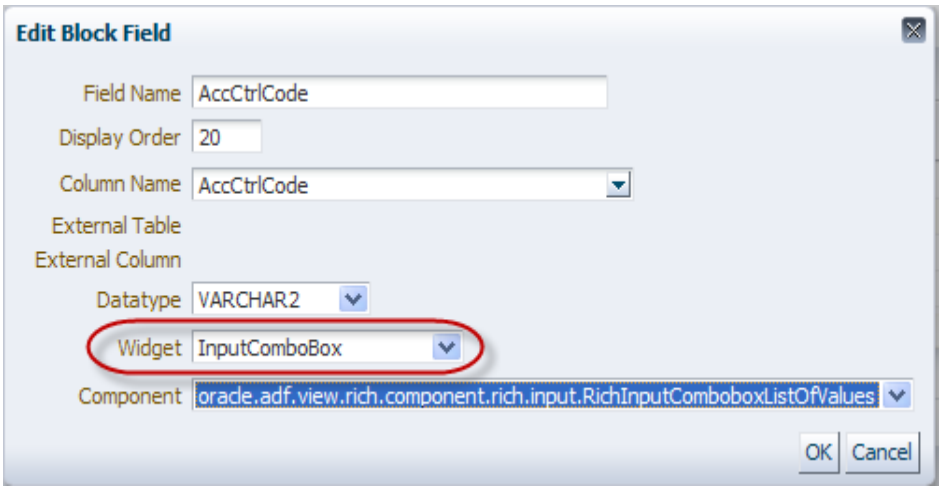
InputComboBox and Auto-Suggest (12.65802)



In JDev 11.1.2, Oracle has enhanced the InputComboBox component so that it supports what we're calling "auto-suggest", which means that as you start typing a value into a field it immediately begins filtering the result set that is displayed in the drop list by that value.

The default setting for this "auto-suggest" functionality in the InputComboBox would be "true", i.e. it would be turned on by default, but the application developer should be able to turn it on or off by modifying a Block Field property by using Program Builder.

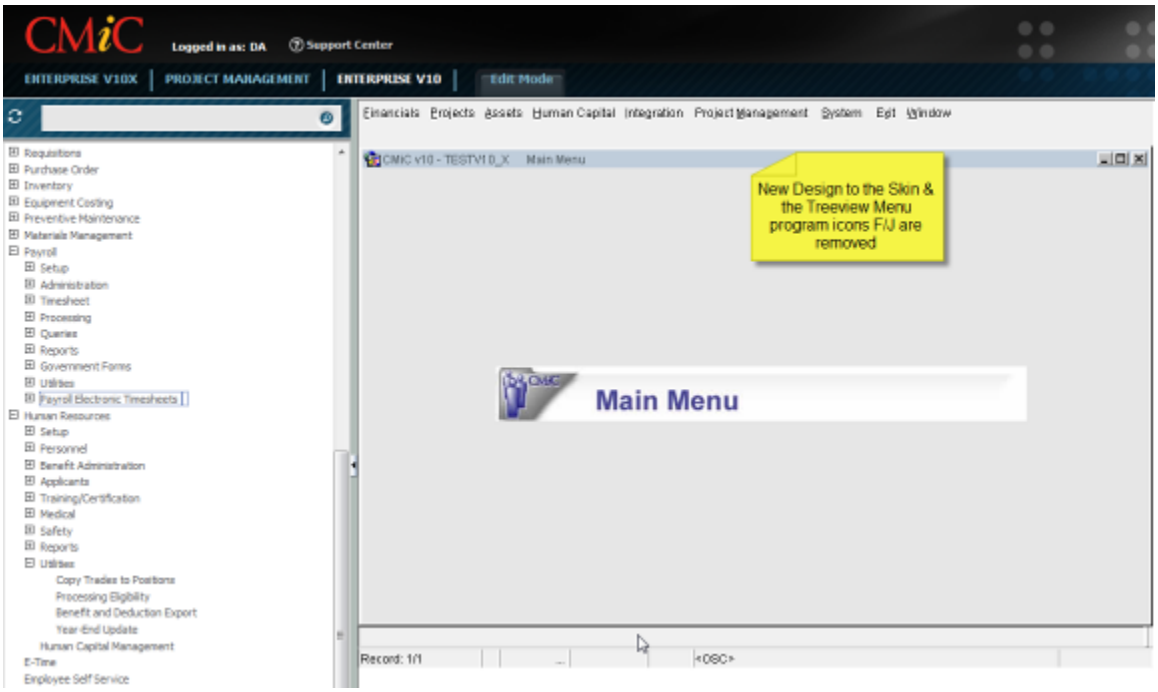




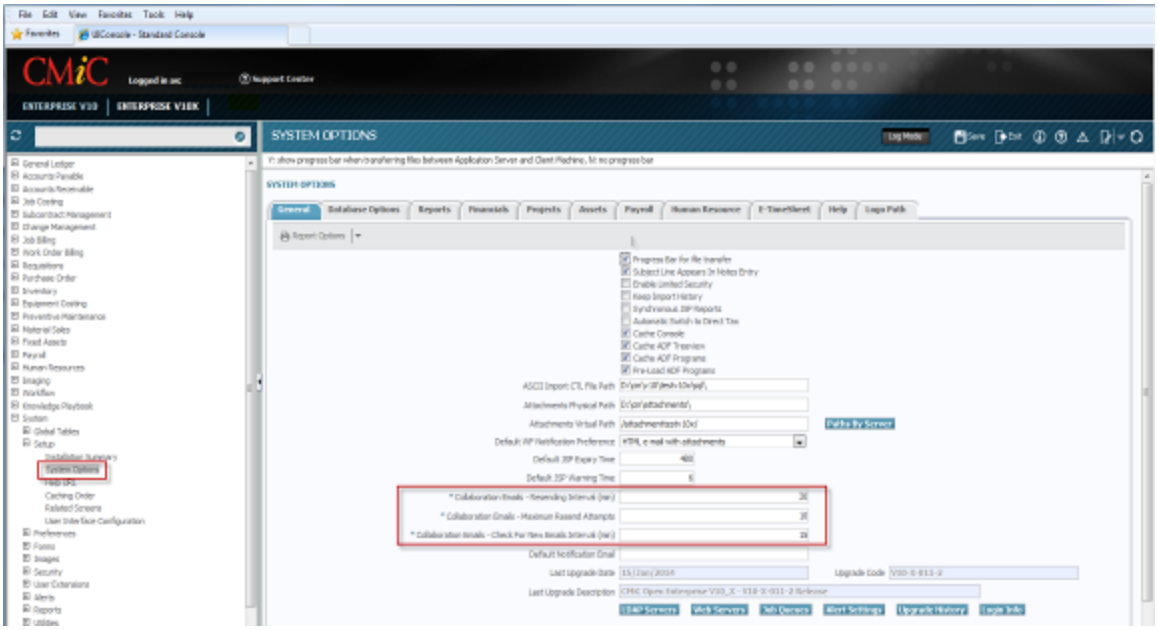
Also note that the inputLOV in 11.1.2 shares the same property, so presumably this change would need to be applied to both inputLOV and InputComboBox.

Column Name	External Table	External Column	Datatype	Widget	Component	List of Values
AccCode			VARCHAR2	InputText	oracle.adf.view.ric...	
AccCtrlCode			VARCHAR2	InputComboBox	oracle.adf.view.ric...	Control Account LOV
AccCtrlName			VARCHAR2	OutputText	oracle.adf.view.ric...	
AccLongCode			VARCHAR2	InputText	oracle.adf.view.ric...	
AccSequence			NUMBER	InputText	oracle.adf.view.ric...	
AccLevelCode			NUMBER	OutputText	oracle.adf.view.ric...	

Console View Skin Change and Tree-view updates (internal)



ADF System Options - Collaboration Email Parameters (13.85002)



Three parameter fields related to collaboration emails have been added to the ADF Systems Options screen.

The value that is set in these fields also impact the PM JSP Collaboration emails hence the inclusion of this new ADF feature in this patch document.

The three new fields are:

- **Collaboration Emails – Resending Interval (min)**

- **Collaboration Emails – Maximum Resend Attempts**
- **Collaboration Emails – Check For New Emails Interval (min)**. The value in this field tells the system to check for new emails every ‘value’ minutes.

Shorten component ID's throughout UI Runtime (15.11908)

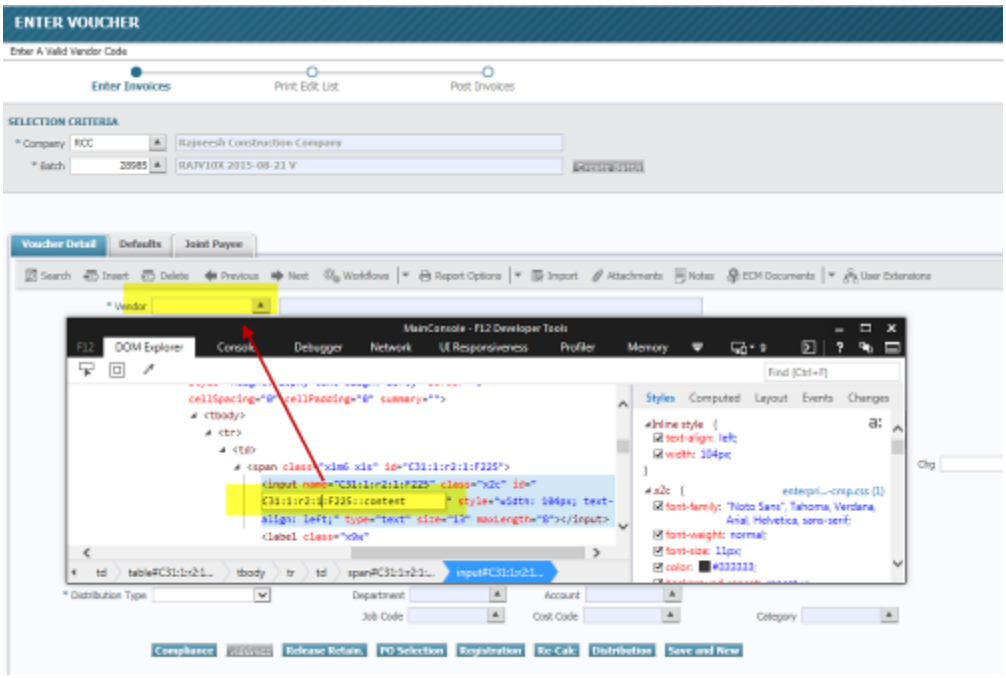
The ADF Faces components in our UI Runtime programs were very long, resulting in large amount data transferred between the server and the browser. It also leads to problems with active data header size.

To avoid this problem and enhance the performance to some extent, ID's used by the application developers are converted to very short version for the runtime while leaving them the ability to use convenient names for containers, fields, buttons, images, text box, text area etc. PRDs are regenerated with short IDs and name (alias) attribute.

Oracle Open Script is using these IDs to identify an object on the screen in order to perform an action on it. The result was that automated test scripts would begin failing after screen modifications/patch installations, even though the functionality of the application was not necessarily affected.

Programming changes were made in such a way that these new shorter attributes are locked for particular console definition and will not be changed even after adding or removing fields to the Screen.

For an instance the ID of Invoice field under AP Enter Voucher programs is shortened to “**C31:1:r2:1:F231::content**” from “**C31:1:r2:1:B2_VouInvCode::content**” as shown in Screenshot below.



NOTE: Some of the screens are locked by programs for changes and once they are release they will be updated with short version of attributes (IDs and name).

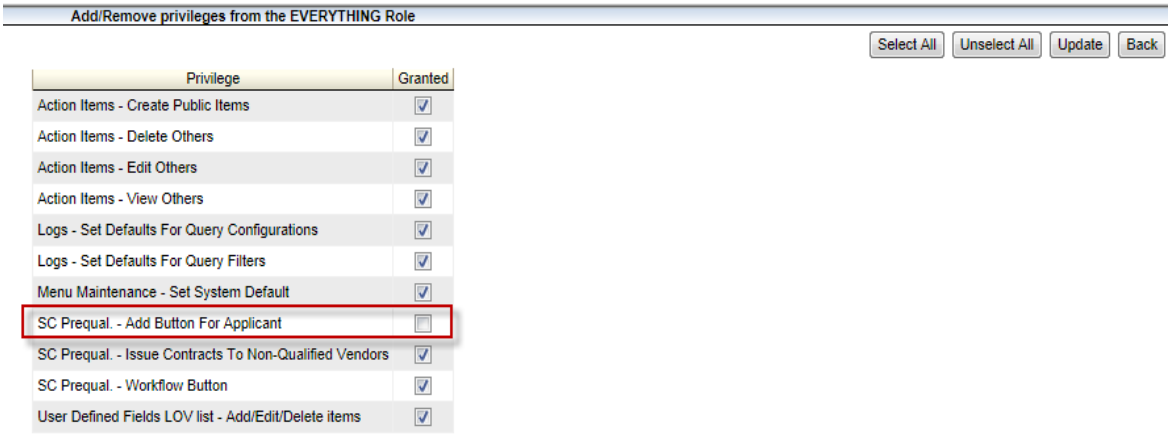
Vendor Prequalification

Vendor Pre-qualification as Separate Module (13.77461)

All Subcontractor Prequalification programs, field security and privileges are now under the Vendor Prequalification (VPQ) application. (As of the **V10-X-008** Patch Release)

IMPORTANT NOTE: Clients already using Vendor Pre-qualification will still have the programs access they had before, HOWEVER, when setting up new users for Vendor Pre-qualification access, they will need to use the Enterprise Security node to access the Pre-qualification privileges and field security.

Applicants [Add] Button Privilege (13.85714)



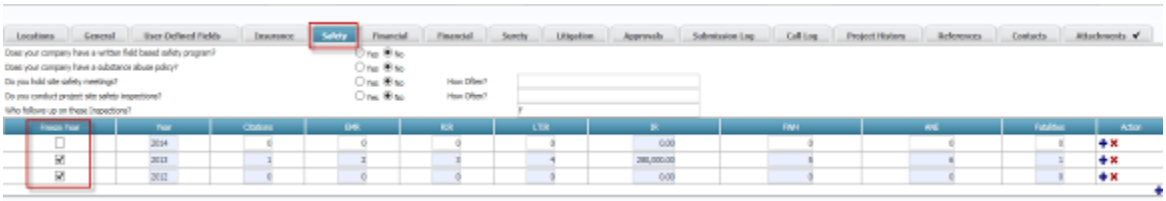
Added a new role privilege '**Add Button for Applicant**'. When this privilege is assigned to the user/user role, the user will be able to Add Applicants using the 'Add' button on the Applicants Log.

PLEASE NOTE - use field security to hide the ADD button on the Applicant/Subcontractors screen if you do not want particular user/user roles to carry out Add function in these screens.

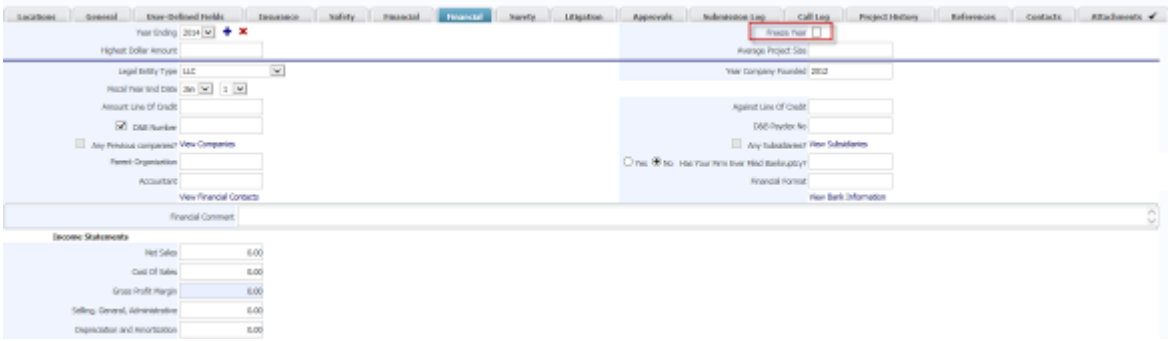
Vendor Pre-qualification – Freeze Year (Safety and Financial Tabs) (15.03016)

Subcontractor Pre-qualification - A checkbox has been added to the Safety tab and the Financial tab that displays the detailed list of Financial fields. The checkbox is labelled 'Freeze Year'. When checked, fields that were previously editable (mostly the amount fields) are not available for editing for that particular year that is frozen.

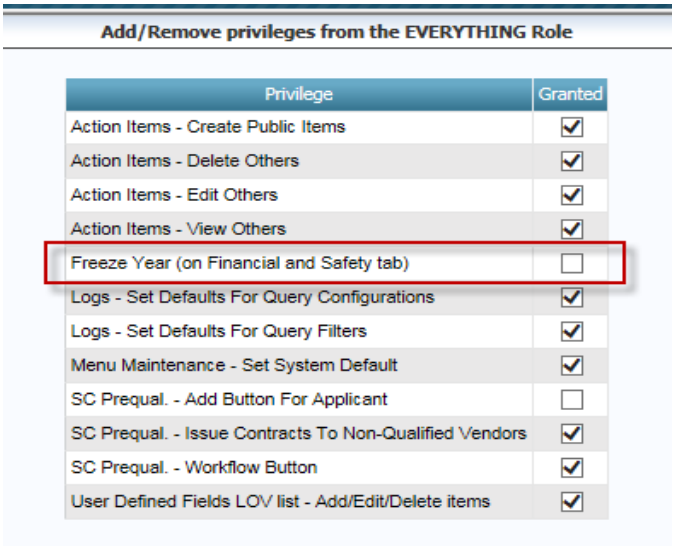
Safety tab:



Financial tab:



The ability to see and update this new flag is controlled by a Prequal (VPQ) collaboration privilege: '**Freeze Year (on Financial and Safety tabs)**', and applies to Self Service and SC Prequal screens. By default the privilege is un-checked:



Add/Remove privileges from the EVERYTHING Role

Privilege	Granted
Action Items - Create Public Items	☑
Action Items - Delete Others	☑
Action Items - Edit Others	☑
Action Items - View Others	☑
Freeze Year (on Financial and Safety tab)	☐
Logs - Set Defaults For Query Configurations	☑
Logs - Set Defaults For Query Filters	☑
Menu Maintenance - Set System Default	☑
SC Prequal. - Add Button For Applicant	☐
SC Prequal. - Issue Contracts To Non-Qualified Vendors	☑
SC Prequal. - Workflow Button	☑
User Defined Fields LOV list - Add/Edit/Delete items	☑

Work Order Billing

Optional Fields on Entry Screen (11.61257)

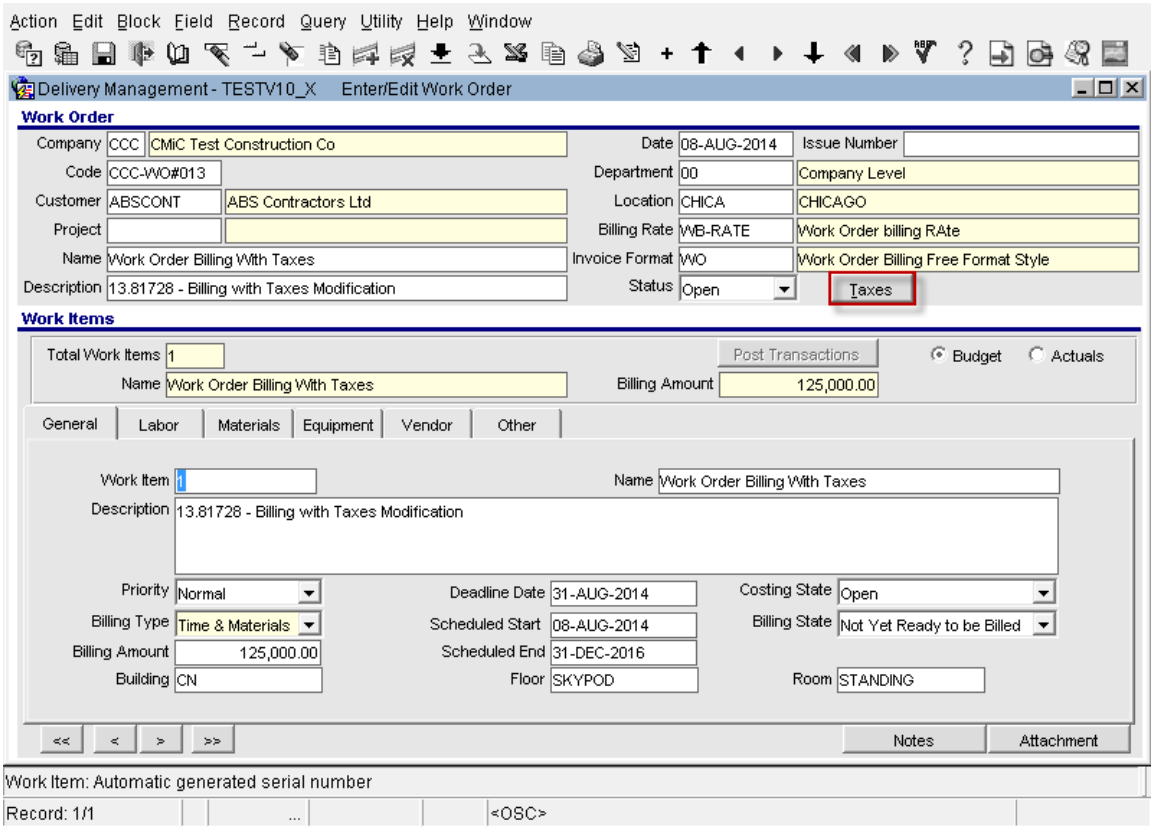
The fields "Building", "Floor", and "Room" are changed to be optional on the Work Order entry form.

Work Order Entry - Tax Codes Functionality (13.81728)

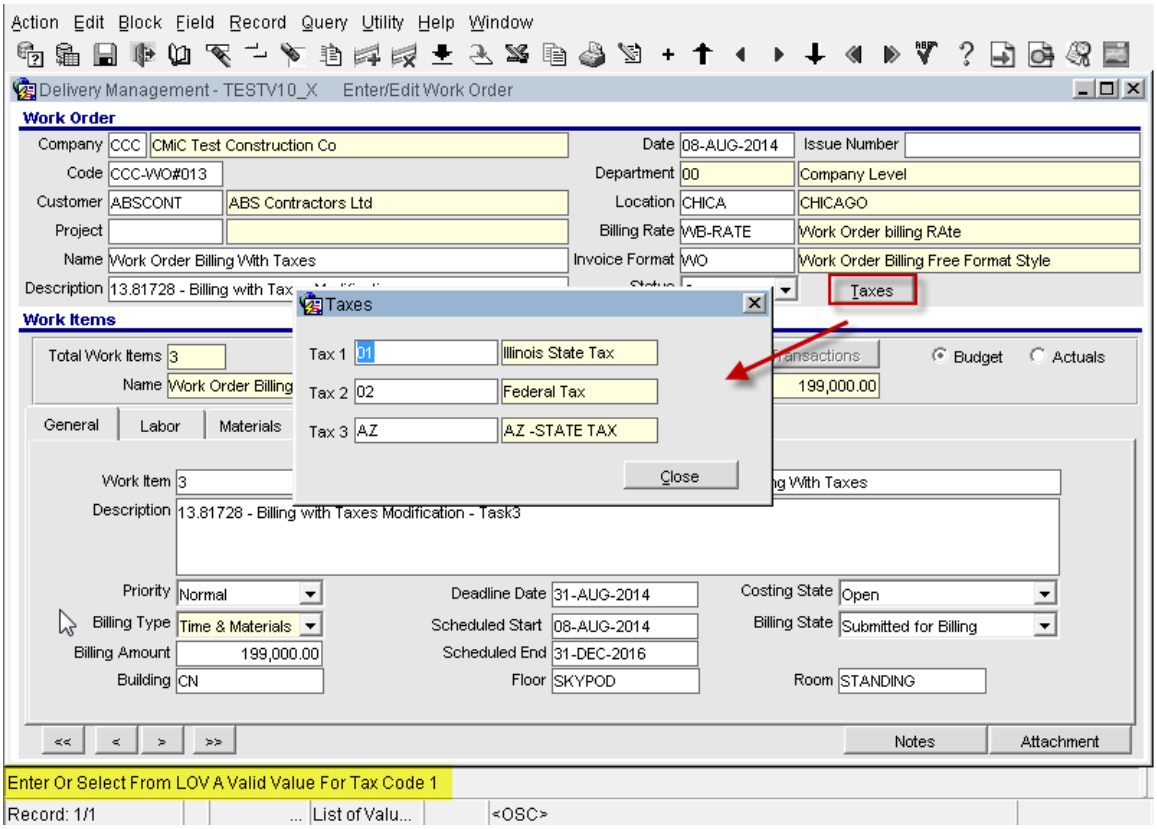
The Enter/Edit work order entry form is modified with a popup for tax code maintenance as shown below. The tax codes are assigned to a work order (header) and hence the taxes are applicable to all of the work items associated with the work order. Hence, when generating a work order bill / AR Invoice, taxes will be calculated on the billed amount and posted to AR & GL.

As a standard functionality, the tax codes, if available in customer maintenance > accounting screen, will be defaulted when creating a new work order. Users will be able to override or select different tax codes from the available list.

A maximum of three tax codes may be assigned to a work order.



Work Order Billing > Enter/Edit Work Order (dmworkorders.fmx)



Work Order Billing > Enter/Edit Work Order (dmworkorders.fmx) > Taxes popup

NOTE:

- The standard work order billing requirements must be adhered.
- The Ret Code must be set with '0'% as recommended by CMiC. This is because work order billing does NOT support retention release.
- The Invoice format for work order billing is 'Free Form' invoice only. AIA formats are NOT supported.
- During invoice generation, the system will calculate tax amounts on the each of the billed amounts and posting program is modified to post the tax amounts accordingly to AR & GL. The Job Cost Detail will be posted with 'B' transactions, which stands for billed amounts including the tax amounts.
- When NOT required, the tax fields may be left blank as well and the invoice generation will be as before without any tax amounts applied.
- This is applicable to all types of taxes including GST type tax codes in Canada.

The following free form invoices from work order billing invoice postings, show the tax amounts calculated.

`

4850 Keele Street Ground Floor
Orlando FL 32410
US

Tel: (407) 555-6544
Fax: (407) 555-0065

VAT # VAT Registratio

Invoice

Invoice No : WB-00000001
Date : AUG 08, 2014
Terms : Net 30 Days Ret10% Disc 2%

To: **ABS Contractors Ltd**
43 Birchmount Drive
300
Chicago IL 467459
USA

Particulars	Total To Date	Previously Billed	Current Billing
Total:	3,375.00	0.00	3,375.00
Total: Equipment	3,375.00	0.00	3,375.00
Total: Work Order Billing With Taxes	3,375.00	0.00	3,375.00
Work Order Billing With Taxes			
Equipment			
A1 Bricks Manufacturing Company - $64,901.25			
Total:	64,901.25	0.00	64,901.25
Total:	64,901.25	0.00	64,901.25
Total: Equipment	64,901.25	0.00	64,901.25
Total: Work Order Billing With Taxes	64,901.25	0.00	64,901.25
Total: Work Order Billing With Taxes	106,616.25	0.00	106,616.25
SUB-TOTAL	106,616.25	0.00	106,616.25
Illinois State Tax 5 % on $106,616.25			5,330.81
Federal Tax 7.75 % on $106,616.25			8,262.76
AZ -STATE TAX 10 % on $106,616.25			10,661.63
INVOICE TOTAL			130,871.45

Project Number CCC-WO#013	CCC-00	Total of This Invoice	130,871.45

CCQ Canadian Construction Co.
5 Greenview Road
Toronto ONT M4B1B3
Canada

Tel: 416 - (555) 0987
Fax: 416 - (555) 3456

Invoice

Invoice No : WO000000001
Date : AUG 08, 2014
Terms : Net 30

To: **Winson Investments**
ON M1A1A1
USA

Particulars	Total To Date	Previously Billed	Current Billing
Work Order Billing Test			
Labor			
Total:	0.00	0.00	0.00
Total:	0.00	0.00	0.00
Total: Labor	0.00	0.00	0.00
Equipment			
Home Depot - $93,127.50			
Total:	93,127.50	0.00	93,127.50
Total:	93,127.50	0.00	93,127.50
Total: Equipment	93,127.50	0.00	93,127.50
Total: Work Order Billing Test	93,127.50	0.00	93,127.50
Total: Work Order Billing Test	131,362.50	0.00	131,362.50
SUB-TOTAL	131,362.50	0.00	131,362.50
Credit Tax 13 % on $131,362.50			17,077.13
INVOICE TOTAL			148,439.63

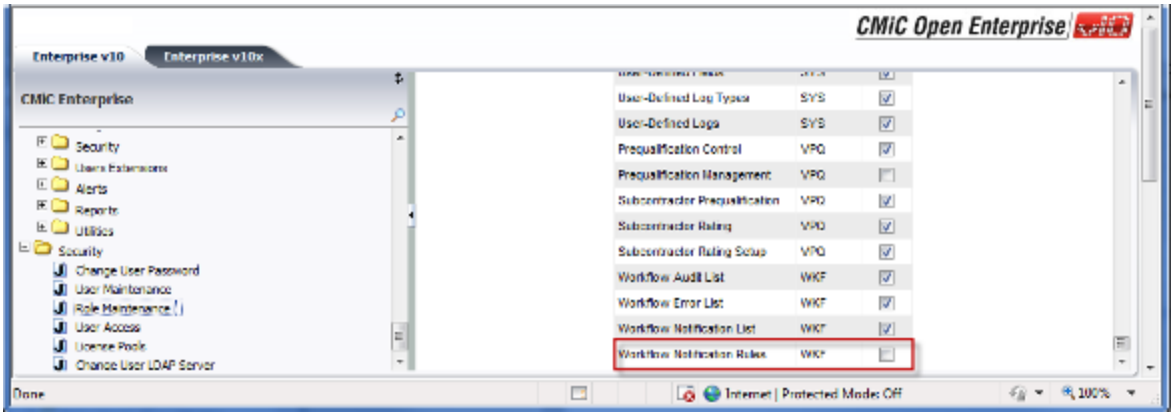
Project Number CCQ-WO#002	CCQ-00	Total of This Invoice	148,439.63

Workflow

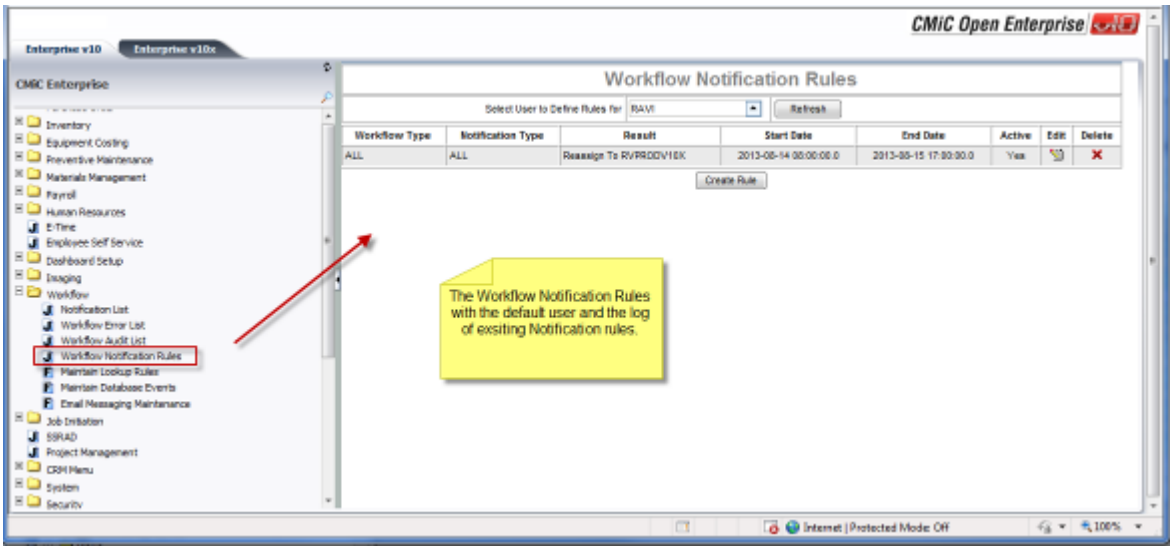
Workflow Notification Rules - New JSP Screen (12.69722)

Added 'Workflow Notification Rules' JSP screen to the Workflow application.

This JSP interface is aimed to supplement/replace the existing notification rule functionality in the Oracle Workflow program. This will allow end users to create notification rules for themselves, while they are out of the office. Necessary security and audit capabilities are also added to the system.

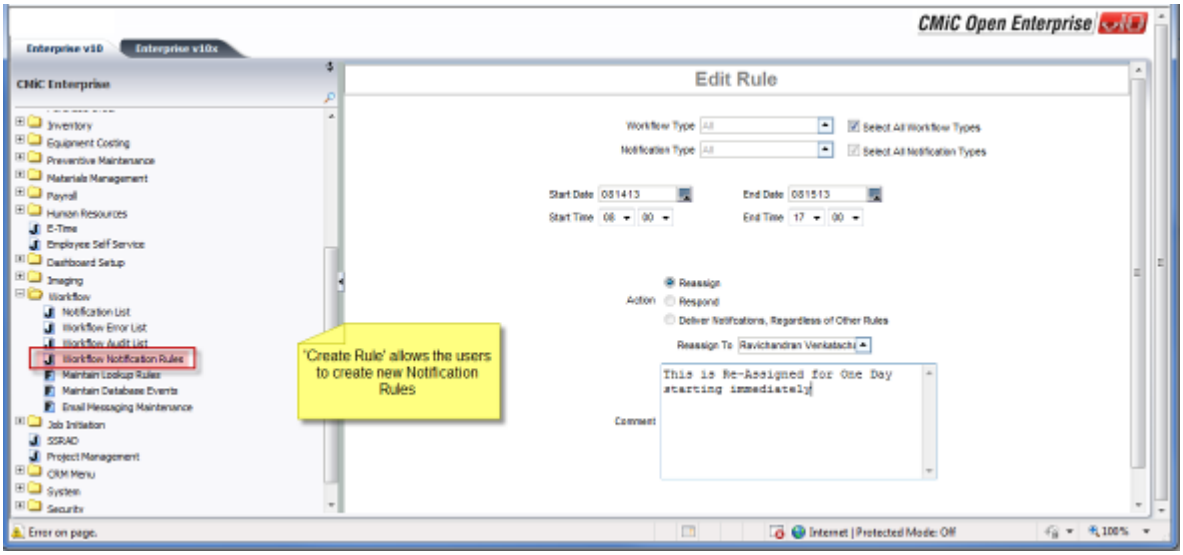


The JSP Program 'Workflow Notification Rules' must be assigned to specific PMJSP security roles as required. The default is un-checked for all roles.



The Notification Rules log displays the Workflow type, Notification Type, Result, Start/End Dates, Active Status and edit/delete function buttons.

Users may create a new rule by pressing the button 'Create Rule'



Work flow Type: Enter/Select a Specific Workflow Type or check 'All'

Notification Type: Enter/Select a specific Notification Type or check 'All'

Start Date/Time: Enter/Select the Start Date using the Calendar popup and set the time (24 Hour format)

End Date/Time: Enter/Select the Start Date using the Calendar popup and set the time (24 Hour format)

Action: Select the appropriate radio button to Reassign/respond/Deliver Notifications…..

Re-Assign To: Enter/Select the workflow user.

Comments: Enter Comments as required

Notification List - Redesign of User Interface (13.77315)

UNIT 1 - Overview

The User Interface of the “Notification List” has been redesigned to make it simple to use.

In order to use the “Notification List” in the “new mode”, users have to enable the same in “Imaging Controls” screen, under “Workflow Notifications & Display Options” section.

Find “Enable New Workflow Notification List” checkbox. If it is not checked, checkboxes below are not available (Figure 1).

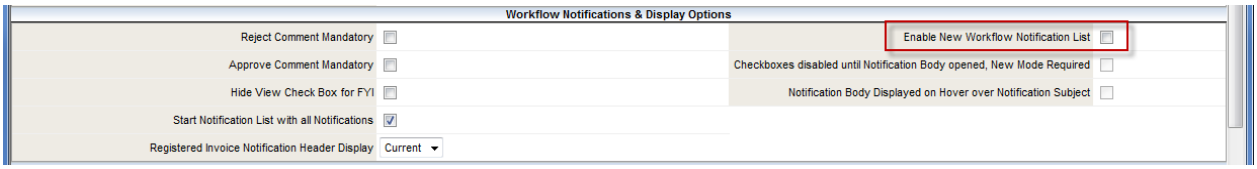


Figure 1.(Imaging Controls)

By checking this checkbox you enable the “new mode”. If it is checked, checkboxes below are available (Figure 2). Use additional checkboxes to disable the Notification List checkboxes until notification body is displayed and to display the notification body on hover over notification subject.

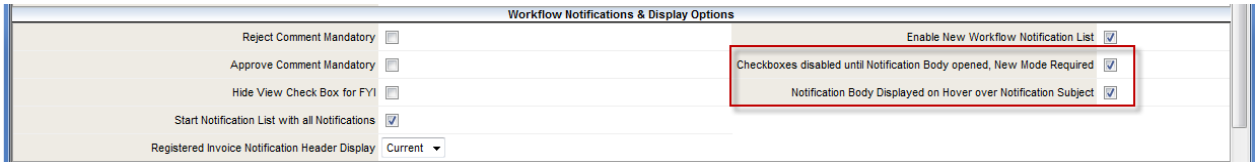


Figure 2. (Two more options enabled)

Figure 3 depicts the main window of the “Notification List” in the “new mode”.

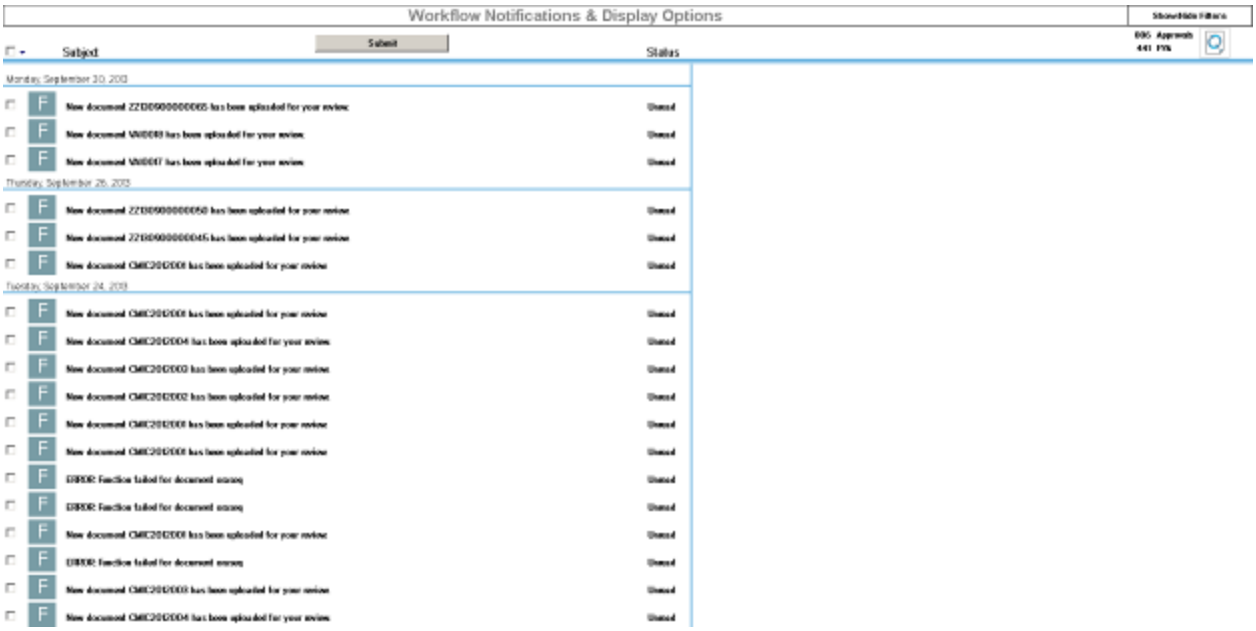


Figure 3.

The “Notification List” has two types of notifications: **FYI** (For Your Information) marked as F (Figure 4) and **Approval** notification marked as A(Figure 5).

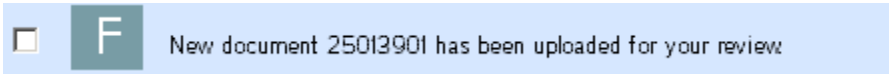


Figure 4.

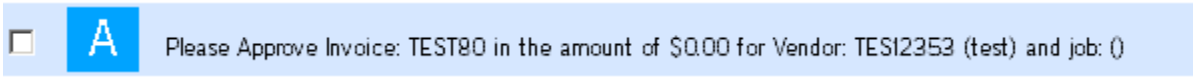


Figure 5.

The default status of the notifications is “Unread”.

When the user clicks on the notification the status of the notification changes to “Read” (Figure 6)

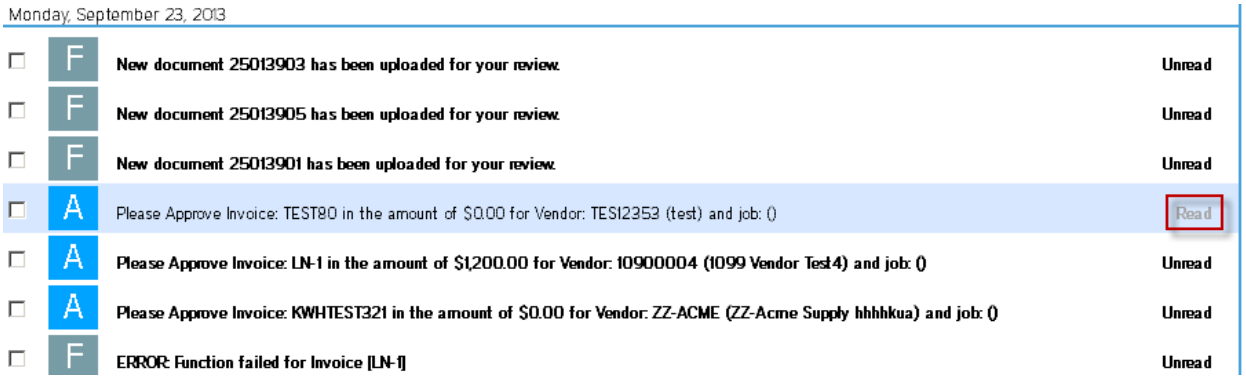


Figure 6.

The content of the selected notification is displayed on the right pane (Figure 7).

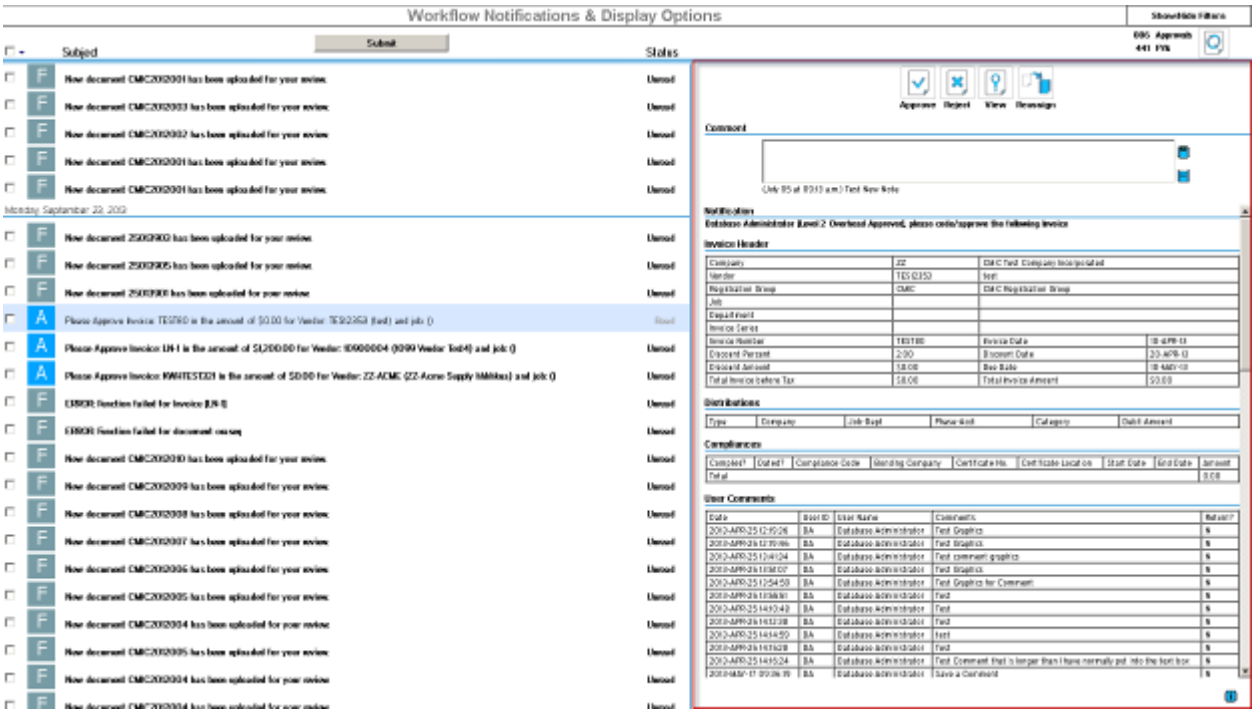


Figure 7.

The content of the notification has 4 sections (Figure 8).

1.Controls

2.Comments

3.Notification information

4.Meta data

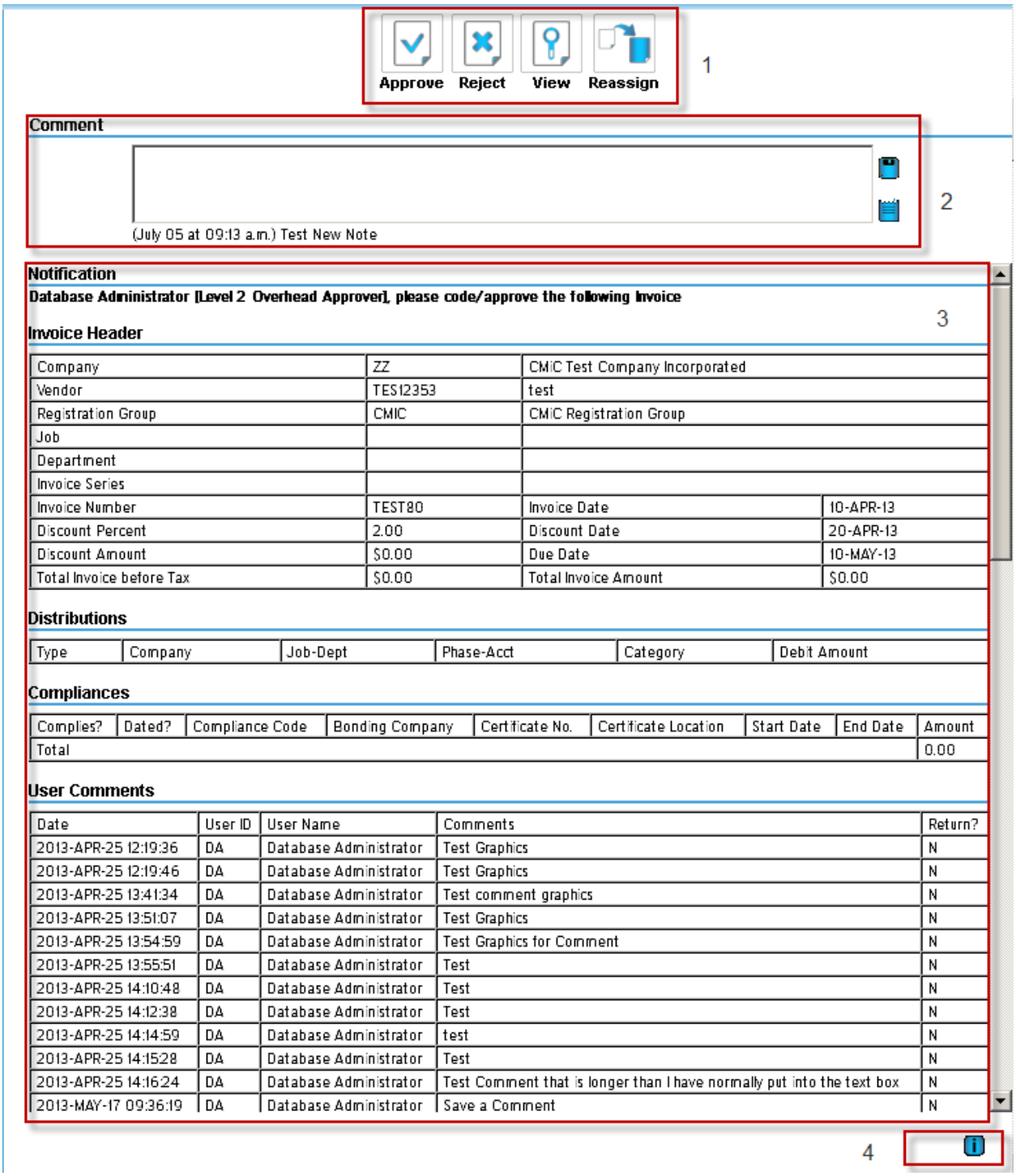

Approve
Reject
View
Reassign
1
Comment
(July 05 at 09:13 a.m.) Test New Note
2
Notification
Database Administrator [Level 2 Overhead Approver], please code/approve the following Invoice
3
Invoice Header
Company ZZ CMiC Test Company Incorporated
Vendor TES12353 test
Registration Group CMIC CMiC Registration Group
Job
Department
Invoice Series
Invoice Number TEST80 Invoice Date 10-APR-13
Discount Percent 2.00 Discount Date 20-APR-13
Discount Amount $0.00 Due Date 10-MAY-13
Total Invoice before Tax $0.00 Total Invoice Amount $0.00
Distributions
Type Company Job-Dept Phase-Acct Category Debit Amount
Compliances
Complies? Dated? Compliance Code Bonding Company Certificate No. Certificate Location Start Date End Date Amount
Total 0.00
User Comments
Date User ID User Name Comments Return?
2013-APR-25 12:19:36 DA Database Administrator Test Graphics N
2013-APR-25 12:19:46 DA Database Administrator Test Graphics N
2013-APR-25 13:41:34 DA Database Administrator Test comment graphics N
2013-APR-25 13:51:07 DA Database Administrator Test Graphics N
2013-APR-25 13:54:59 DA Database Administrator Test Graphics for Comment N
2013-APR-25 13:55:51 DA Database Administrator Test N
2013-APR-25 14:10:48 DA Database Administrator Test N
2013-APR-25 14:12:38 DA Database Administrator Test N
2013-APR-25 14:14:59 DA Database Administrator test N
2013-APR-25 14:15:28 DA Database Administrator Test N
2013-APR-25 14:16:24 DA Database Administrator Test Comment that is longer than I have normally put into the text box N
2013-MAY-17 09:36:19 DA Database Administrator Save a Comment N
4

Figure 8.

UNIT 2 - Explanation of Sections

Controls section

The controls section is different for each type of notification.

Figure 9 depicts the controls for **FYI** notification.



Figure 9

The “Close” button is used to close the notification.

If the user clicks “Close” the status of the notification changes to “Close” and the next notification on the list is loaded automatically (Figure 10).

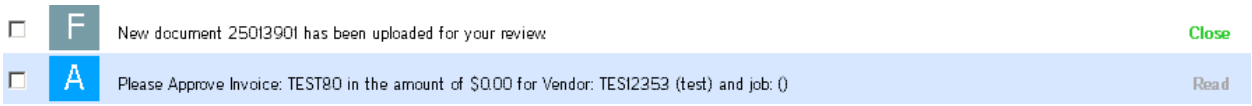


Figure 10.

The “Reassign” button is used to reassign the selected notification to other user.

Figure 11 depicts the “Reassign” window.

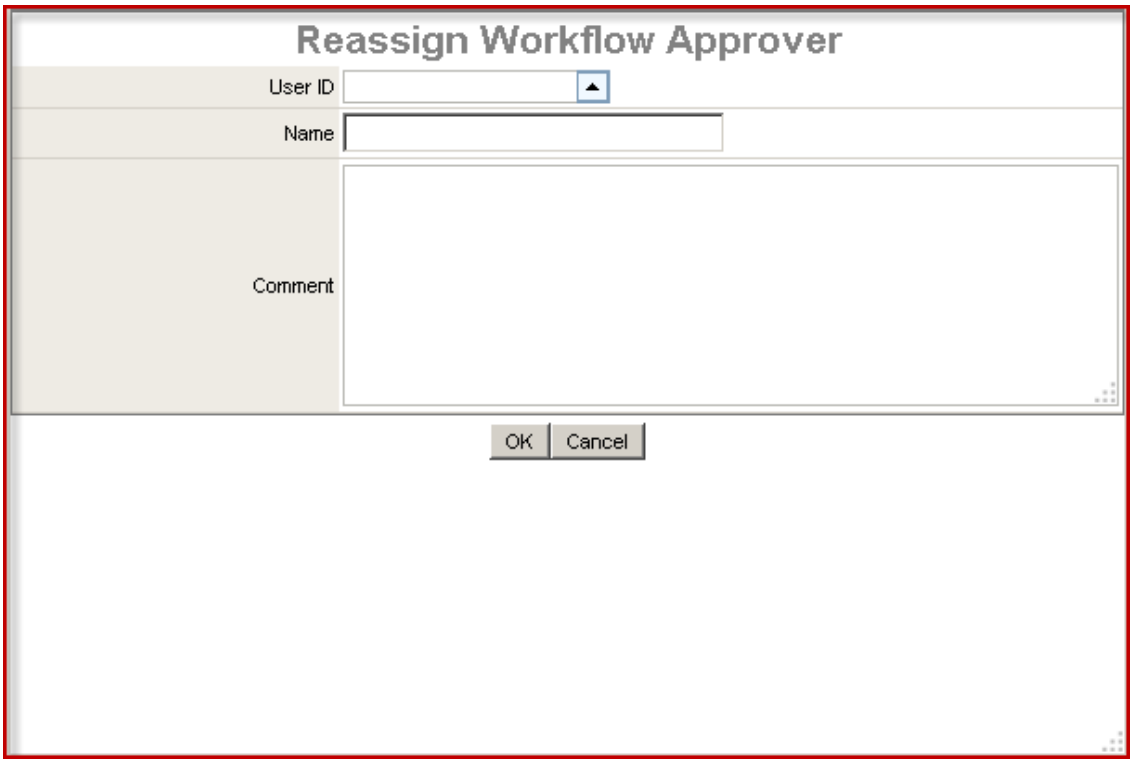


Figure 11.

Figure 12 depicts the controls for Approval notification.



Figure 12.

- "Approve" button is used to approve notification
- "Reject" button is used to reject notification
- "View" button is used to view the document in Image Manager.
- "Reassign" button is used to reassign the selected notification to other user.

Comments section is used to leave the comment.

Figure 13 depicts notification's comment section that has no comments.



Figure 13.

Figure14 depicts sequence of steps to leave a comment.

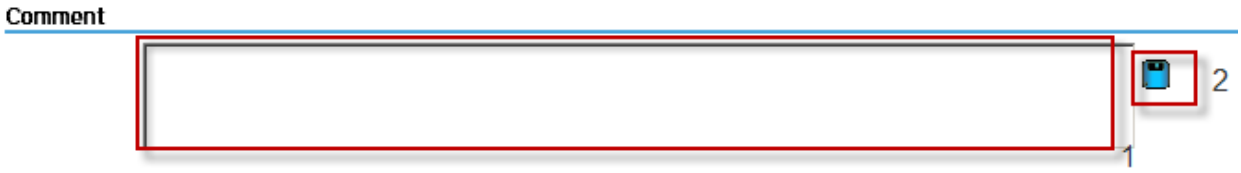


Figure 14.

- Type a comment in the comment box;
- Save the comment by pressing on the “Save” button.

After pressing the “Save” button comment is permanently saved to the system and it is displaying automatically below the comment box (Figure 15).

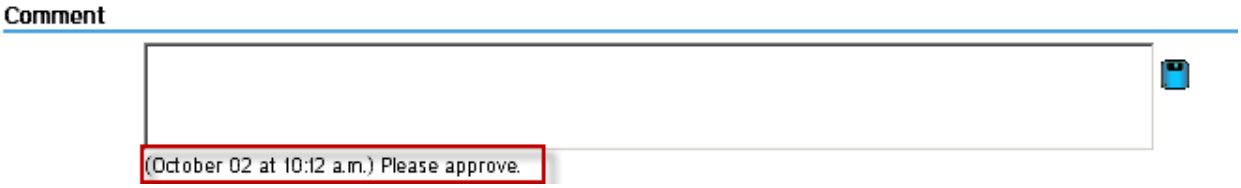


Figure 15.

If there is more than one comment, additional button appears and the latest comment is displayed below the comment box (Figure 16).

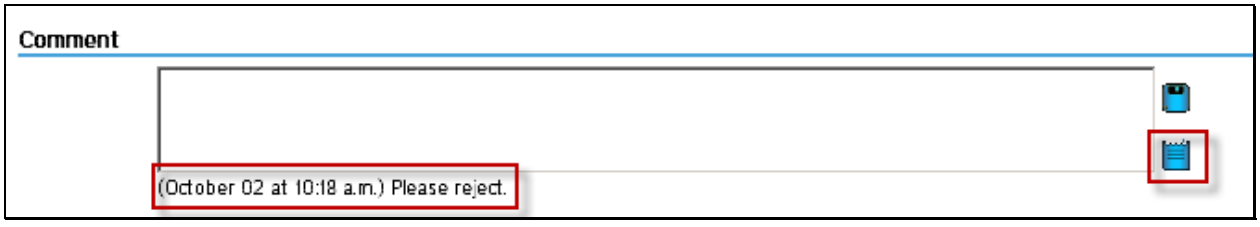


Figure 16.

Press the “Show” button to display all comments (Figure 17).

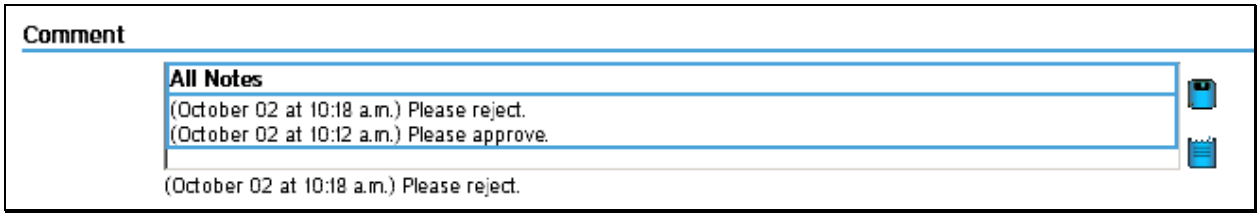


Figure 17.

Figure 18 depicts the Meta Data section

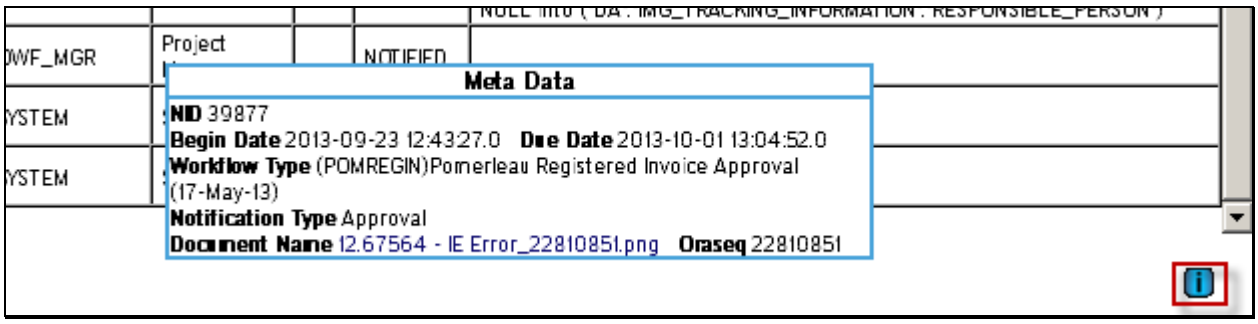


Figure 18.

Press the “information” button to display the Meta data of the notification.

UNIT 3 - Changing the Status of Notification

There are two ways of changing the status of the notification.

- When navigating on the list of notifications, the user can change the status of the notification using appropriate controls in the controls section. If the user decides to apply all the changes he(she) clicks the “Submit” button.
- Batch mode: Applying changes to multiple notifications.

Figure 19 depicts the sequence of steps.

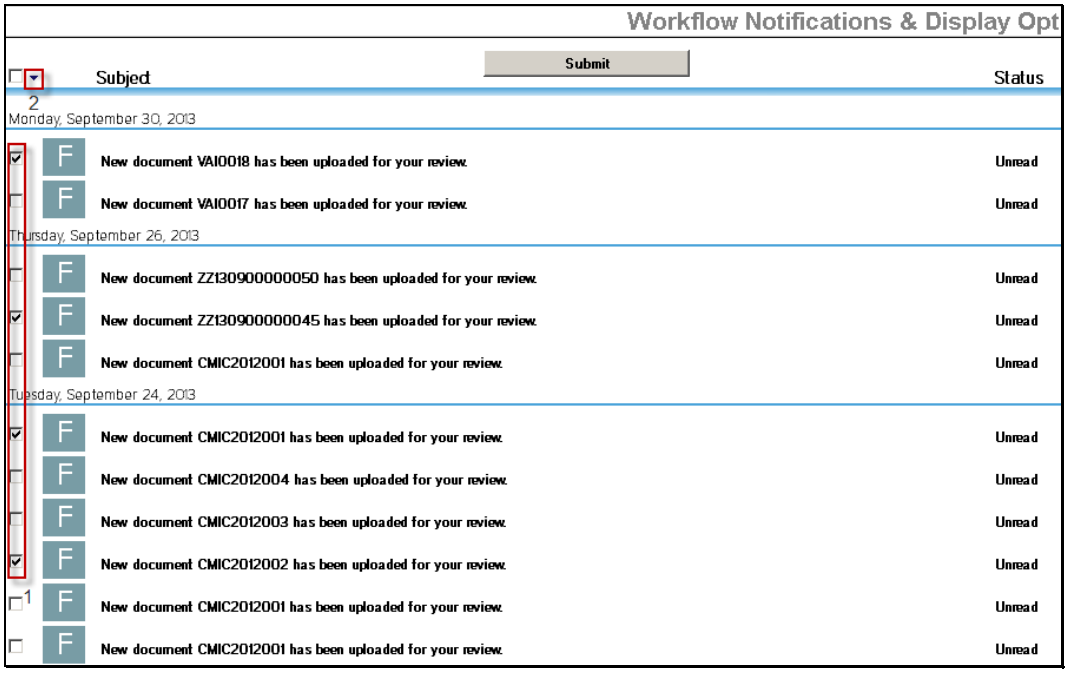


Figure 19.

1. Using checkboxes select appropriate notifications
2. Click the arrow. The menu will appear (Figure 20).

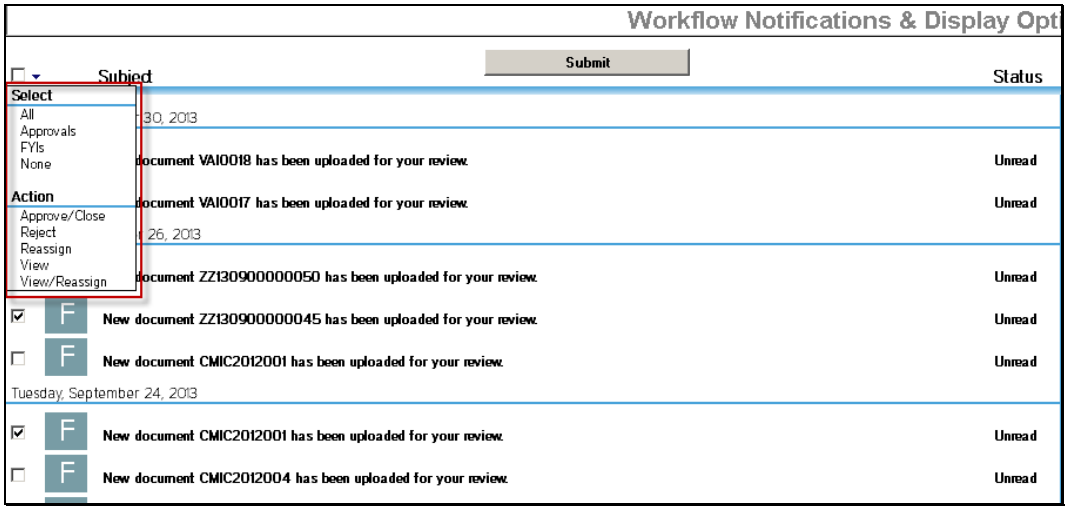


Figure 20.

Use Select section to filter notifications by the type.

Use Action section to change the status of the notifications in the batch mode. All selected notifications will be affected.

The “Read” status of the notification is persistent: If the message was read and the “Submit” button was pressed, the status of the message will be “Read” in the next session (Figure 21). This applies to the batch mode.

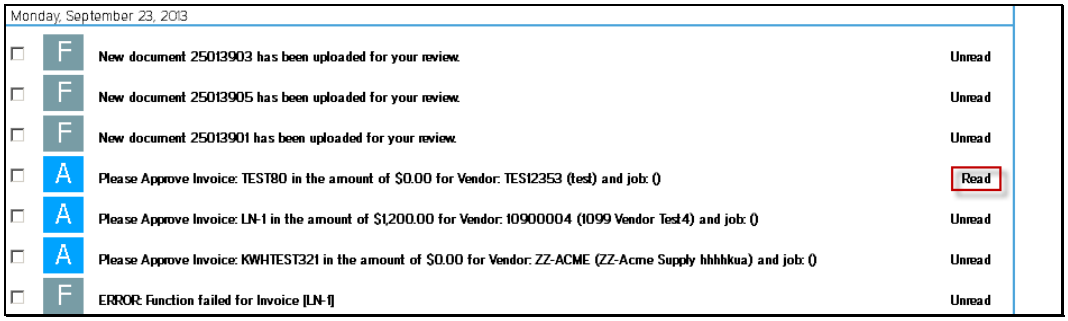


Figure 21.

If the status of the notification was changed and not selected using checkbox, after clicking the “Submit” button the message appears (Figure 22)

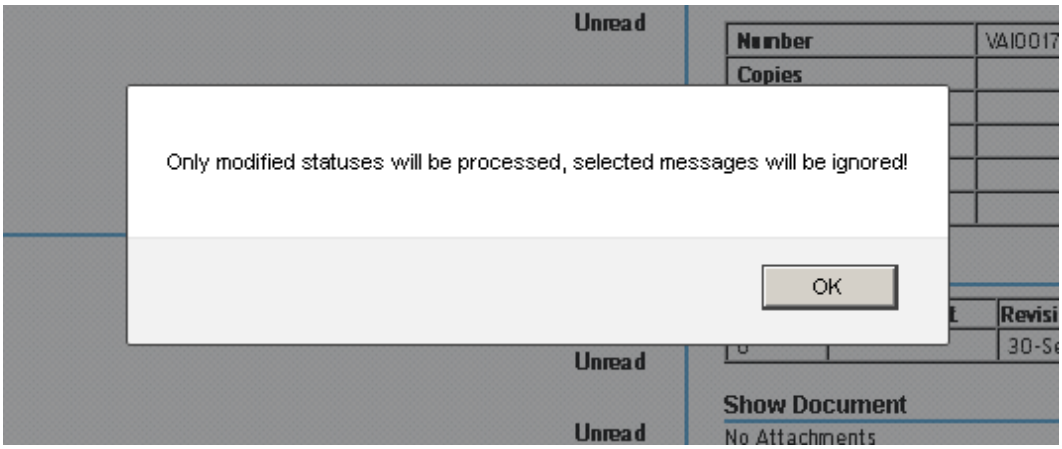


Figure 22.

It means that when using the “Submit” button to apply changes notifications that are checked in checkboxes are ignored. Use the batch mode if you need to process “checked” notifications.

After pressing the “Submit” button or using the menu in the batch node, the system processes your request and the window arrears (Figure 23)

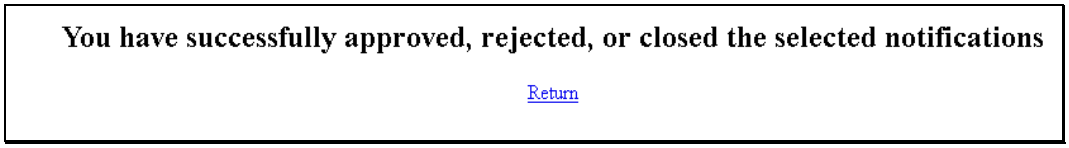


Figure 23

Press “Return” button to return to the notifications list.

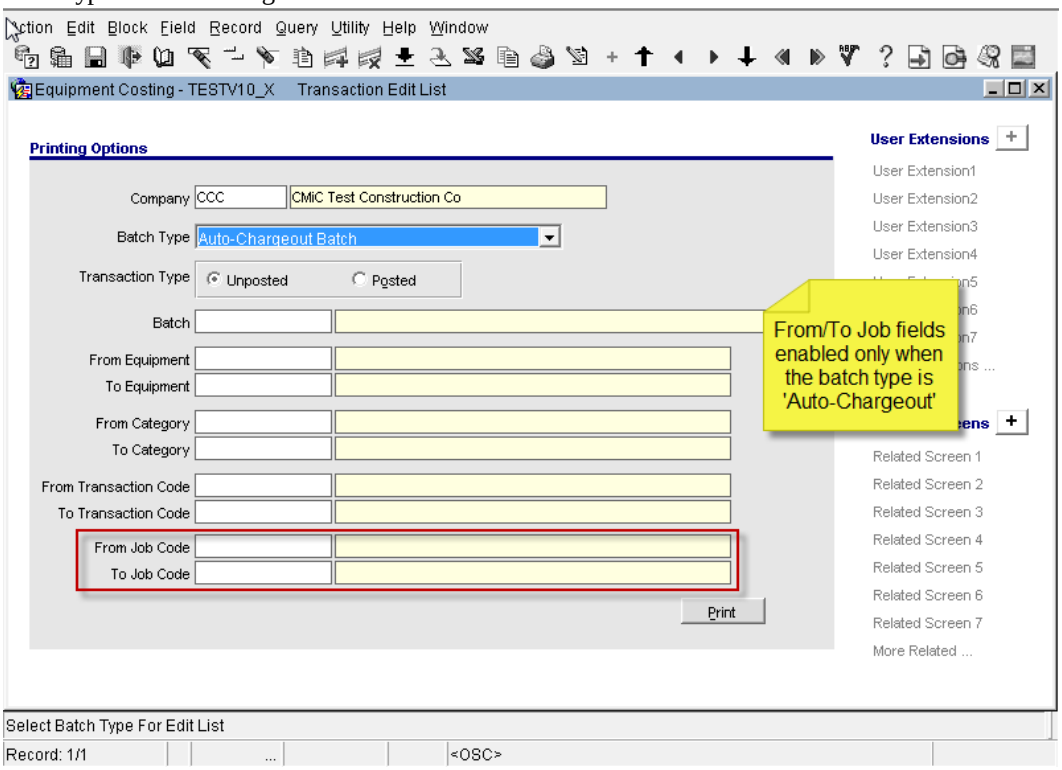
Workflow for distribution of Auto charge-out Edit List (13.82664)

Ability to review equipment auto charge-out edit listing distribution by the Project Managers (PMs), prior to posting an auto charge-out batch.

The auto charge-out creation program (emcharge.fmx) is modified to trigger an oracle workflow and the job specific edit listing report is submitted to the Project Managers with specific project management roles assigned.

To support the generation of job specific auto charge-out edit listing report, the transaction edit listing form (emtrnlst.fmx) is modified to include From/To job parameters.

During manual printing of equipment edit listing reports, these fields are enterable by users, only when the batch type is 'Auto Charge-out' as shown in the screens below.



The configuration includes specific PM Role's setup and Wokflow Lookup maintenance in order to process job specific auto-chargeout edit listing report and emailed for review.

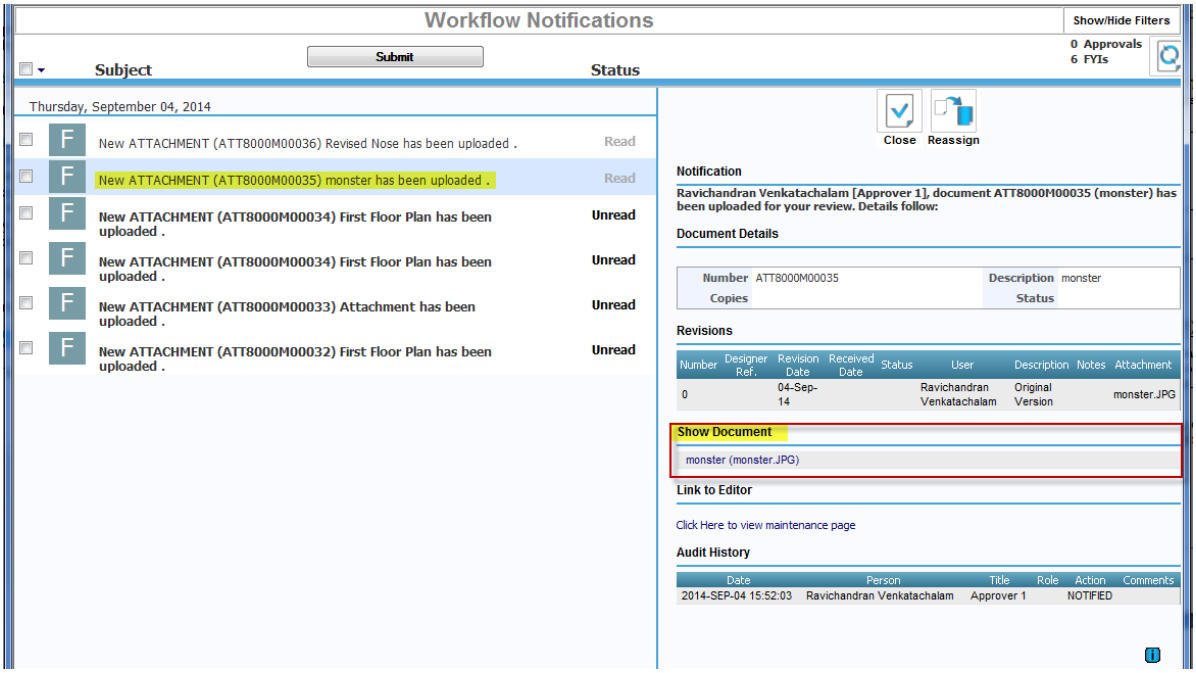
The email message may be programmed to read as (an example):

```
"Attached is a list of equipment and associated coding/costs on your
project. If changes need to be made, please markup the attached PDF and
email to equipment@xxxxxxxxx.com. If no response is received within 3
days, equipment costs will be posted as per the attached."
```

NOTE:

In order to implement this workflow, specific configuration and implementation is required. customers that wish to implement this functionality may contact CMiC support.

Notifications - Changes related to PM Document FYI (12.72440)



Workflow Notifications List

Modified the CMIC Workflow notifications List related to PM Document FYI notifications (WKF_CMIC_PM_Document_FYI_WFT)

1. Added a 'Show Document' section between 'Revisions' and 'Link to editor'.

2. A URL link to download the attachment is added under this section.

3. Changed the 'Subject' to read as {New <document type> <(Number) Description > has been uploaded.}

Glossary of Terms

CSI Code

The Construction Standards Institute (Canada/US) defined listing of identification Codes related to the Phases of Construction.

Opportunity Management

CMiC JSP Application for the tracking and related details typically recorded during Sales and Bid time relative to a potential Project. Also includes options for Forecasting Costs/Revenue when use with Job Level Time Phasing.

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