Working Document

R12 New Functionality

By CMiC

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Computer Methods International Corp.
4850 Keele Street
Toronto, Ontario M3J 3K1
Canada

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R12 New Functionality (Draft)

R12 Functionality Enhancements

This DRAFT documentation is provided as an overview for new or enhanced functionality provided in the R12 Open Enterprise system. This document currently covers most new features provided up to the patch V12-015-2HF level.

Important Note

Please note that some modifications and enhancements may require licensing and specific configurations and setup, and additional training by CMiC Consultants may be required. For more information, please contact your Account Manager/Project Manager.

1099

Added 1099-NEC & Modified 1099-MISC (20.29519) & (21.36582)

Overview:

Added 1099-NEC, which is introduced by IRS in the year 2020. This is for reporting Non-Employee Compensation and Non Employee Compensation is no longer reported in 1099-MISC.

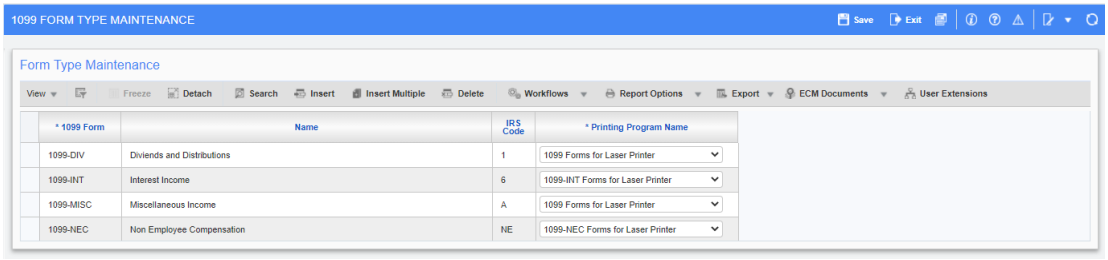
Modifications:

1. 1099- NEC
    a. Beginning with tax year 2020, IRS recommends use of Form 1099-NEC to report Non-Employee compensation.
2. 1099- MISC
    a. Due to the creation of Form 1099-NEC, IRS has revised Form 1099-MISC and rearranged box numbers for reporting certain income.

Setup and Processing - 1099-NEC

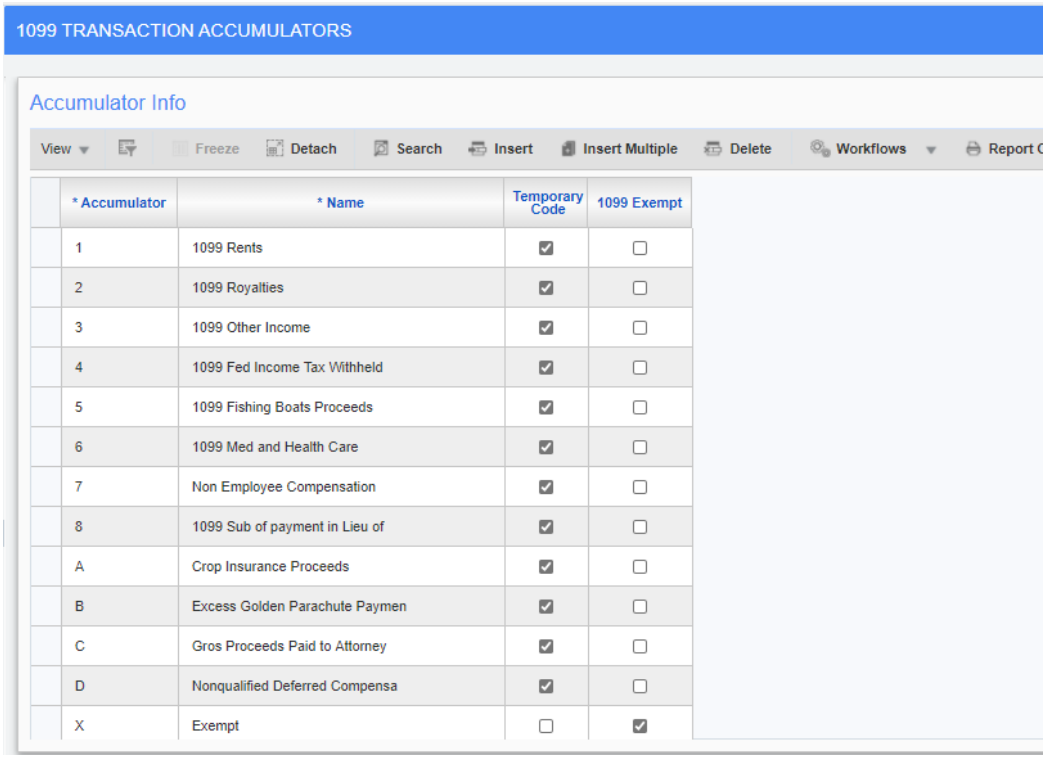
Form Codes

Insert a record and select 1099-NEC from the dropdown menu.



Accumulator Codes

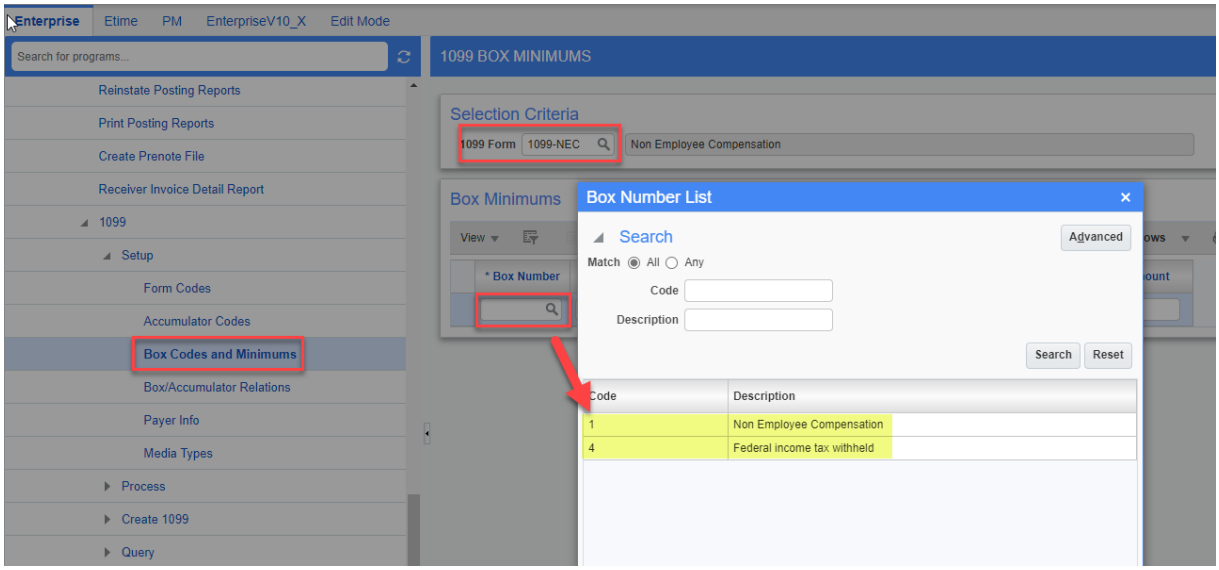
Setup Accumulators as required. Here in this example, the accumulator codes are for most 1099 Form types such as 1099-MISC & 1099-NEC.

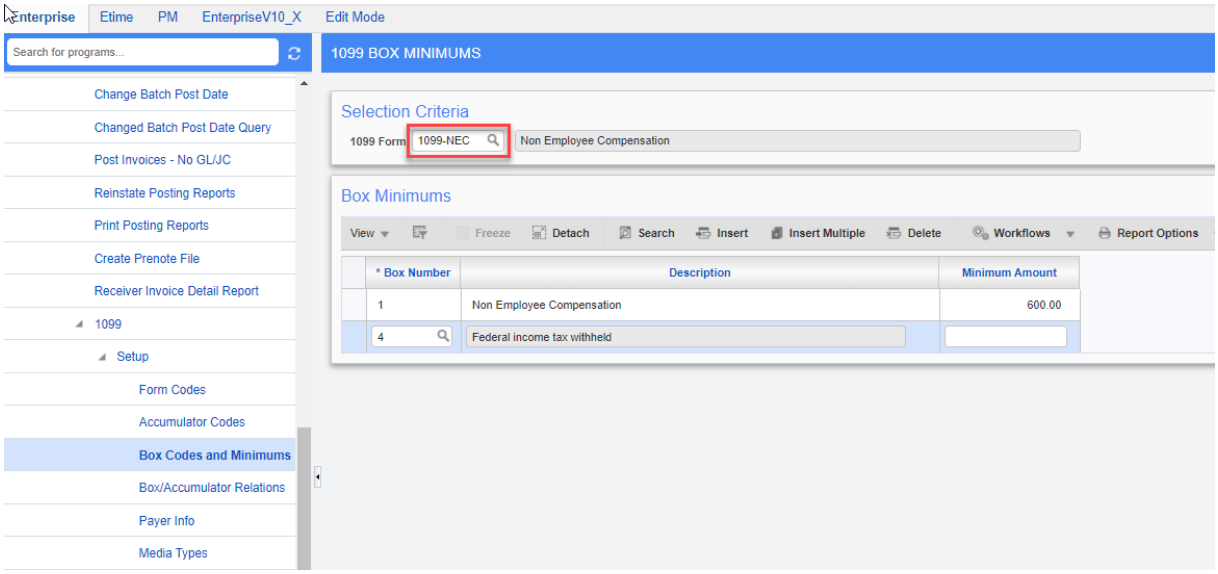


Accumulator Codes

Under Box codes and Minimums, select 1099-NEC and add the below box numbers as shown. These codes/Box Number List are newly created for the purpose of using 1099-NEC.

Also enter any minimum amounts as required.

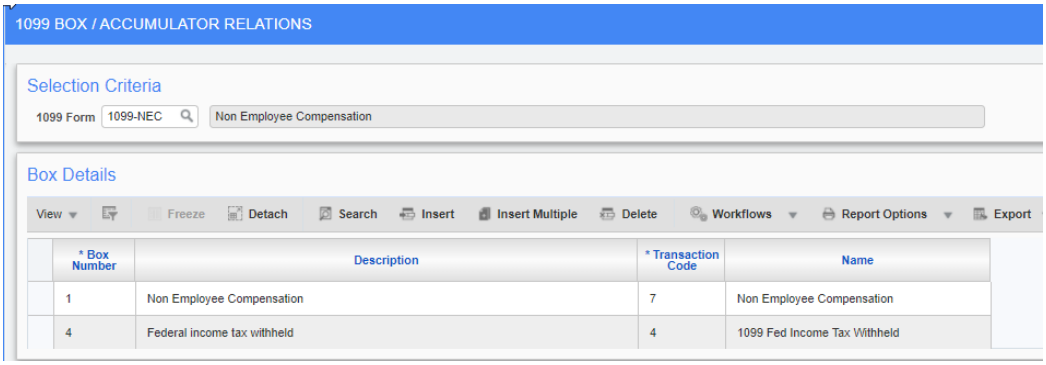




Box Code / Accumulator Relations

Maintain the Box/Accumulator relation as per the user setup.

Please note that this may differ based on the user setup. Below screenshot is an example.

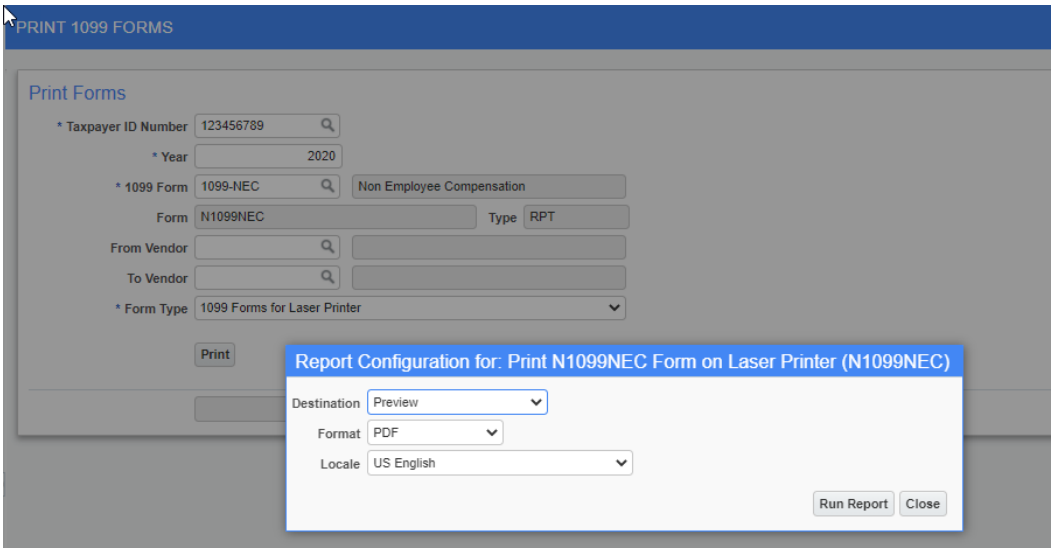


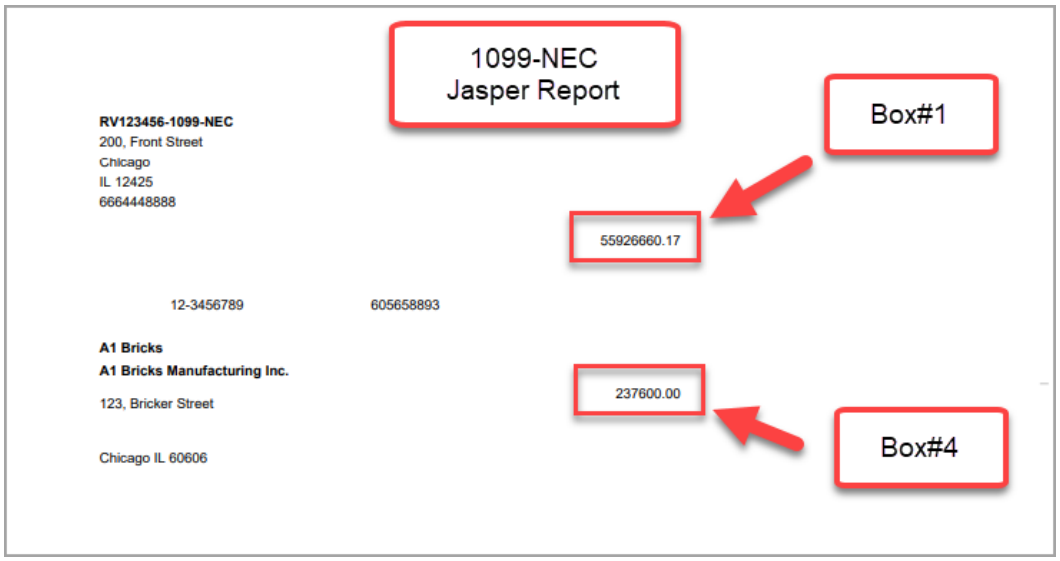
Process

Perform the following process in steps as required.

1. Maintain Payer Info for 1099-NEC
2. Update Checks if required
3. Update/Create 1099 Info for the required Year (Mandatory Requirement)
4. Adjust 1099 Vendor Balances, if required
5. Create 1099 working files (Mandatory Requirement)
6. Edit 1099 Working Files, if Required. This may be performed to adjust the amounts for reporting.
7. Print 1099 (Jasper Report if printing on IRS Form)
8. Create Media Files (XML Output if using 'Greenshades' to file 1099 reporting to IRS)

Printing 1099-NEC (Jasper Report)





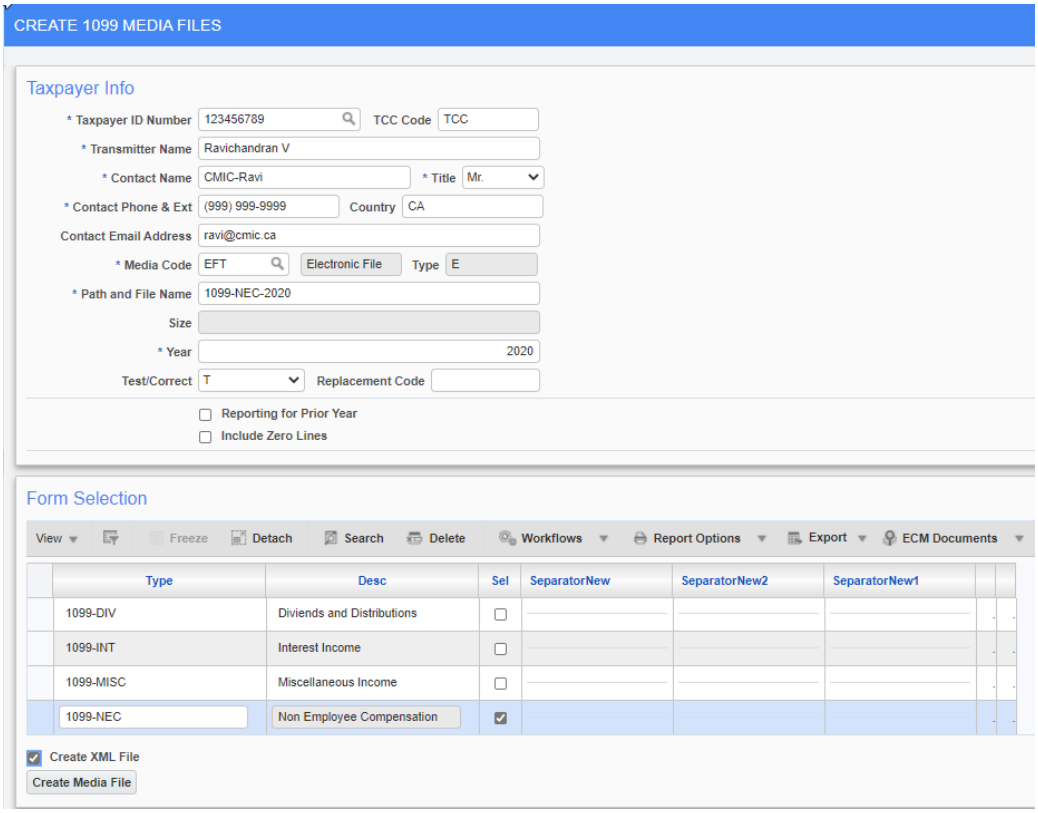
7171 ☐ VOID ☐ CORRECTED

PAYER'S name, street address, city or town, state or province, country, ZIP or foreign postal code, and telephone no.	OMB No. 1545-0116 2020 Form 1099-NEC	Nonemployee Compensation
	1 Nonemployee compensation $	Copy A For Internal Revenue Service Center File with Form 1096.
PAYER'S TIN / RECIPIENT'S TIN	2	
RECIPIENT'S name	3	For Privacy Act and Paperwork Reduction Act Notice, see the 2020 General Instructions for Certain Information Returns.
Street address (including apt. no.)	4 Federal income tax withheld $	
City or town, state or province, country, and ZIP or foreign postal code		
FATCA filing requirement ☐		
Account number (see instructions) / 2nd TIN not. ☐	5 State tax withheld $ $	6 State/Payer's state no. / 7 State income $ $

Form 1099-NEC Cat. No. 72590N www.irs.gov/Form1099NEC Department of the Treasury - Internal Revenue Service

Do Not Cut or Separate Forms on This Page — Do Not Cut or Separate Forms on This Page

Creating Media File for 1099-NEC (XML Output)



```
<?xml version="1.0" encoding="US-ASCII"?>
- <NewDataSet>
  - <Company IsSubmitter="1" CompanyID="RV-N ">
      <CompanyName Value="RV123456-1099-NEC"/>
      <EIN Value="123456789"/>
      <cAddress1 Value="200, Front Street"/>
      <cCity Value="Chicago"/>
      <cState Value="IL"/>
      <cZip Value="12425"/>
      <cCountryCode Value="CA"/>
      <ReportingDate Value="2020-12-31"/>
      <CreationDate Value="2021-01-21"/>
    - <Contact>
        <contactname Value="CMIC-Ravi"/>
        <contacttitle Value="A"/>
        <contactphone Value="(999) 999-9999"/>
        <contactemail Value="ravi@cmic.ca"/>
      </Contact>
    - <Company1099Info>
        <TransmitterControlCode Value="TCC"/>
        <PayerNameControl Value="RV-N"/>
        <TerminatingBusinessIndicator Value="0"/>
      </Company1099Info>
    - <Vendors>
      - <Vendor VendorID="A1BRICKS">
          <TIN Value="605658893"/>
          <VendorName Value="A1 Bricks"/>
          <VendorName2 Value="A1 Bricks Manufacturing Inc."/>
          <TinType Value="SSN"/>
          <vAddress1 Value="123, Bricker Street"/>
          <vCity Value="Chicago"/>
          <vState Value="IL"/>
          <vZip Value="60606"/>
          <vCountryCode Value="USA"/>
        - <Form1099 Type="NEC" State="">
            <Box1099 Value="55926660.17" Number="1"/>
            <Box1099 Value="237600.00" Number="4"/>
          </Form1099>
        </Vendor>
```

Changes to 1099-MISC

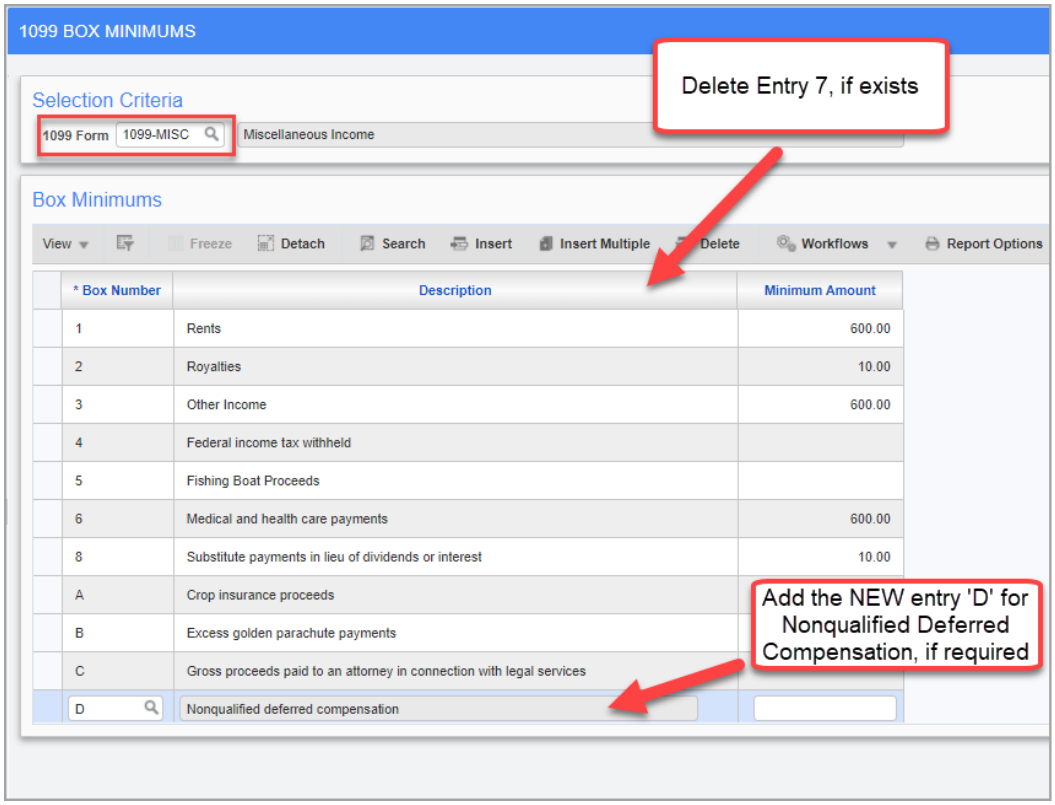
As per the new changes to 1099-MISC, the Non-Employee compensation info (Box 7) is no longer a part of the MISC form. This has been removed. The form for 2020 has the following changes.

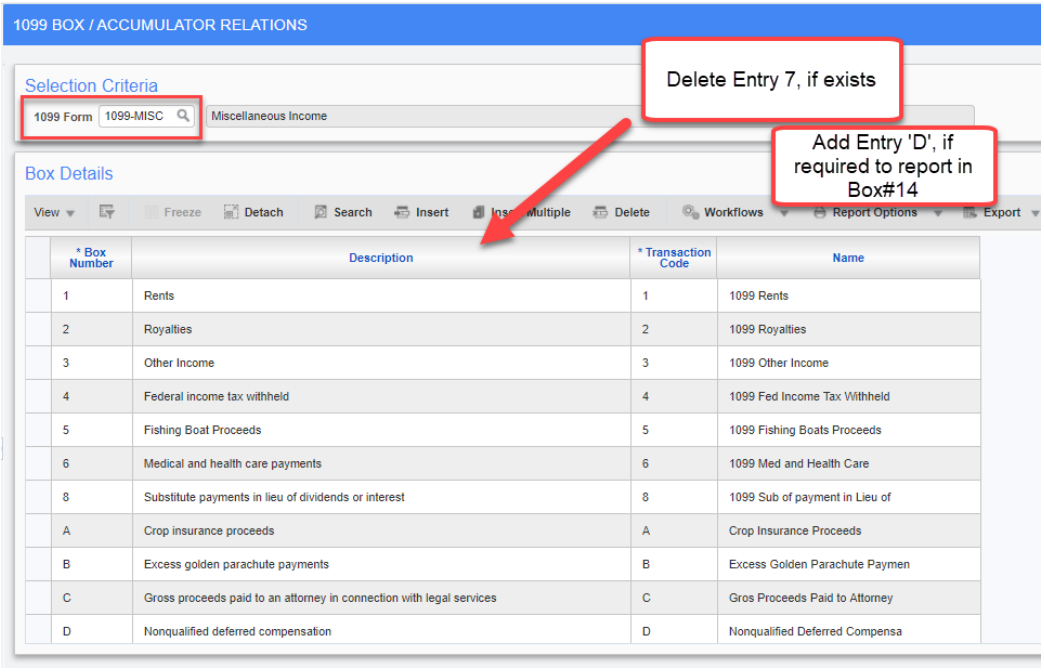
- Box#7 - Payer made direct sales of $5,000 or more (Check Box)
- Box#9 - Crop insurance proceeds
- Box#10 - Gross proceeds to an attorney
- Box#14 - Nonqualified Deferred Compensation

Users must make the following changes in CMiC to their existing 1099-MISC setup.

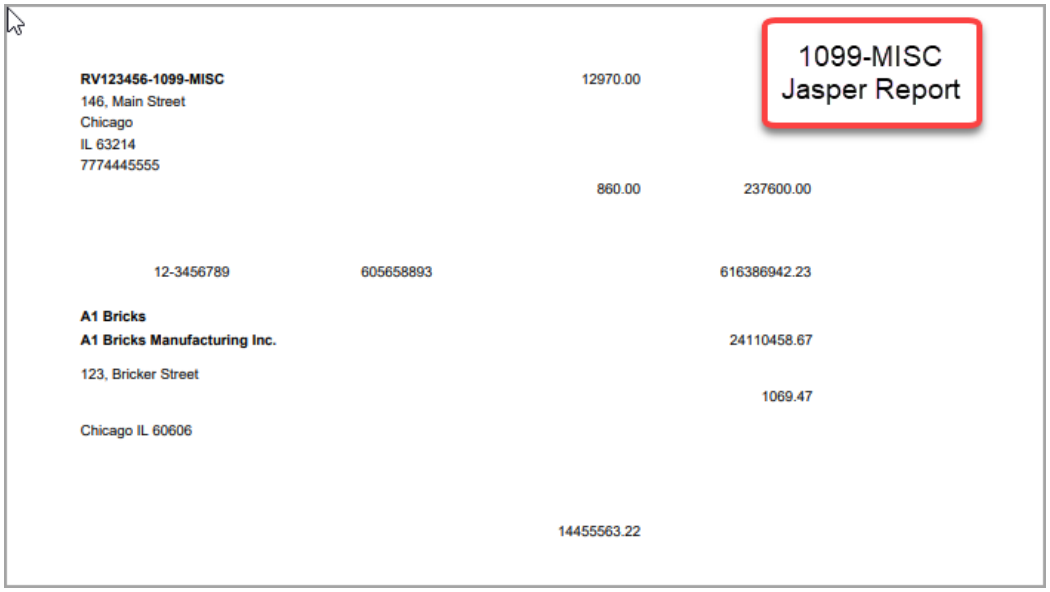
1. Navigate to Box Codes and Minimum (N1099MIN)
   a. Select 1099-MISC as the form code, select box 7 and delete the entry, as Non-Employee compensation is no longer a part of 1099 Misc. form and ‘Save’.
   b. CMiC created a new box code ‘D: Nonqualified Deferred Compensation’, for reporting in Box#14. If required, create this new entry, and set any maximums and ‘Save’.
2. Navigate to Box/Accumulator Relations (N1099BOX)
   a. Select 1099-MISC as the form code, select Box 7 if exists, and delete the entry and ‘Save’.
   b. Add Entry ‘D’, if required to report Nonqualified Deferred Compensation and ‘Save’

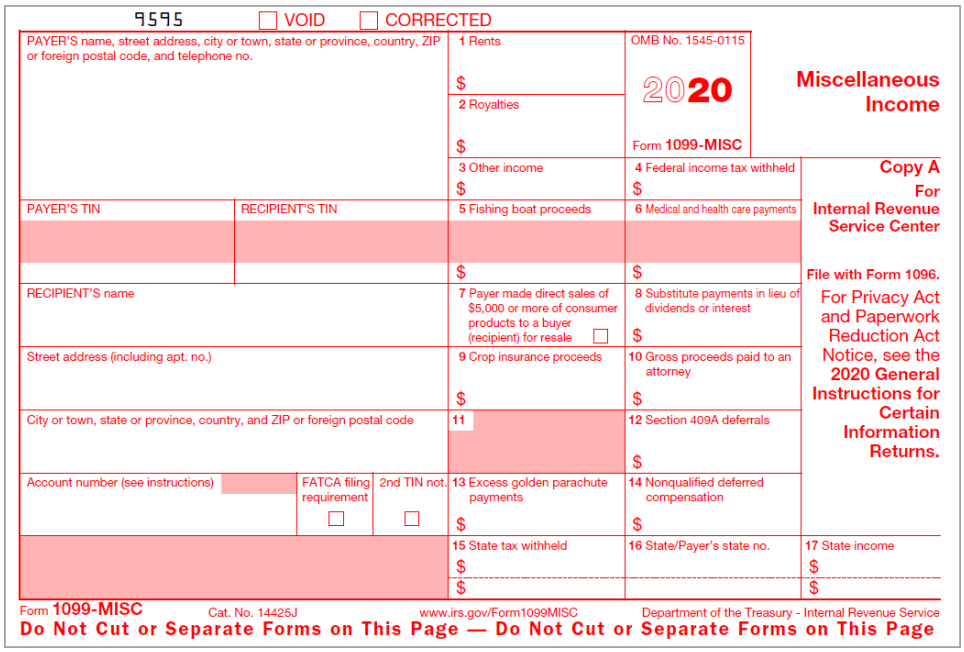
The following screens show the entries for 1099-MISC after corrections:





Printing 1099-MISC (Jasper Report)





Creating Media File for 1099-MISC (XML Output)

```
<?xml version="1.0" encoding="US-ASCII"?>
- <NewDataSet>
  - <Company IsSubmitter="1" CompanyID="CMIC ">
      <CompanyName Value="RV123456-1099-MISC"/>
      <EIN Value="123456789"/>
      <cAddress1 Value="146, Main Street"/>
      <cCity Value="Chicago"/>
      <cState Value="IL"/>
      <cZip Value="63214"/>
      <cCountryCode Value="CA"/>
      <ReportingDate Value="2020-12-31"/>
      <CreationDate Value="2021-01-20"/>
    - <Contact>
        <contactname Value="CMIC TEST Company"/>
        <contacttitle Value="A"/>
        <contactphone Value="999 999-9999"/>
        <contactemail Value="ravi@cmic.ca"/>
      </Contact>
    - <Company1099Info>
        <TransmitterControlCode Value="TCC"/>
        <PayerNameControl Value="CMIC"/>
        <TerminatingBusinessIndicator Value="0"/>
      </Company1099Info>
    - <Vendors>
  - <Vendor VendorID="A1ROOF">
      <TIN Value="123456789"/>
      <VendorName Value="A1"/>
      <VendorName2 Value="A1 Roofing Company"/>
      <TinType Value="SSN"/>
      <vAddress1 Value="Queen St"/>
      <vAddress2 Value="8964"/>
      <vCity Value="Detroit"/>
      <vState Value="MI"/>
      <vZip Value="10101"/>
      <vCountryCode Value="USA"/>
    - <Form1099 Type="MISC" State="">
        <Box1099 Value="11342.08" Number="1"/>
        <Box1099 Value="11452598.39" Number="2"/>
        <Box1099 Value="19275.26" Number="3"/>
        <Box1099 Value="158.76" Number="4"/>
        <Box1099 Value="700.00" Number="5"/>
        <Box1099 Value="900.00" Number="8"/>
        <Box1099 Value="35394.16" Number="9"/>
        <Box1099 Value="168380684.97" Number="10"/>
        <Box1099 Value="21056.52" Number="13"/>
        <Box1099 Value="88214251.38" Number="14"/>
      </Form1099>
```

NOTE: The accumulator codes, box codes and minimums and the relationship are setup for testing purposes and are indicative only. Users must setup as per their business requirements and as referred to IRS documents.

1099 – Name Printing Order in Jasper Report & XML Output Standardization (20.20874)

The ‘Recipient’s Name’ in 1099 forms Jasper printout and in XML Output file are programmed to be identical and match each other.

CMiC supports printing of two names and in different orders as per the client’s settings in AP Control File and Business Partner Maintenance screens.

Check List of settings and their descriptions:

There are three phases of development regarding the 1099 Recipient’s Name Printing in 1099 and are described below in the chronological order.

1. Business Partner Maintenance > SSN Flag (Original Implementation in CMiC 1099 application)
    a. Un-Checked:
        i. The Registration Number can be of any length
        ii. Business Partner AKA Name may be left blank
        iii. The 1099 Jasper Report & XML output will print the names in the following order

1. ***Name1: Business Partner Name***
2. ***Name2: Business Partner AKA Name***

b. Checked:

i. The Registration Number must be of 9 digits long

ii. Business Partner AKA Name must be populated in order to successfully print 1099 reports

iii. The 1099 Jasper Report & XML output will print the names in the following order

1. ***Name1: Business Partner AKA Name***
2. ***Name2: Business Partner Name***

2. Business Partner Maintenance > 1099 Print Name (Name to Print on 1099 to substitute AKA Name – Implemented in the year 2008 under issue# 08.25961)

a. This field is hidden by default. When required, users may unhide using the Lite Editor

b. This is a free form field and users may enter a Business Partner Name as required

c. When this field is populated, then

i. ***BP AKA Name will be substituted (replaced) with this '1099 Print Name' value.***

3. AP Control File Settings > Other > 1099 Controls > Print Business Partner Legal Name (Implemented in the year 2015, under issue# 14.95789)

a. Un-Checked:

i. Business Partner Legal Name will NOT be used/printed in 1099 Report/XML output

b. Checked:

i. ***Business Partner Legal Name will be printed as First Name***

The following tables show the results of printing Name1 and Name2 as per the three different logics defined above.

	BP Code	BP Name	BP Legal Name	BP AKA Name	1099 Print Name	Registration Code	SSN Flag	Jasper Report	XML File Output
1	VEN-1001	VEN-1001-BP NAME	NOT applicable	VEN-1001-AKA NAME	Blank	777777777	Y	1. BP AKA NAME 2. BP NAME	1. BP AKA NAME 2. BP NAME
2	VEN-1002	VEN-1002-BP NAME		VEN-1002-AKA NAME	Blank	965748596	N	1. BP NAME 2. BP AKA NAME	1. BP NAME 2. BP AKA NAME
3	VEN-1003	VEN-1003-BP NAME		Blank	Blank	324444333	N	1. BP NAME 2. BLANK	1. BP NAME 2. BLANK

SSN Flag and the Name1 & Name2 printing in Jasper Report and XML File output

	BP Code	BP Name	BP Legal Name	BP AKA Name	1099 Print Name	Registration Code	SSN Flag	Jasper Report	XML File Output
4	VEN-1004	VEN-1004-BP NAME	NOT applicable	VEN-1004-AKA NAME	VEN-1004-1099 PRINT NAME	754896333	Y	1. VEN-1004-1099 PRINT NAME 2. BP NAME	1. VEN-1004-1099 PRINT NAME 2. BP NAME
5	VEN-1005	VEN-1005-BP NAME		VEN-1005-AKA NAME	VEN-1005-1099 PRINT NAME	555554444	N	1. BP NAME 2. VEN-1005-1099 PRINT NAME	1. BP NAME 2. VEN-1005-1099 PRINT NAME
6	VEN-1006	VEN-1006-BP NAME		Blank	VEN-1006-1099 PRINT NAME	111000111	N	1. BP NAME 2. VEN-1006-1099 PRINT NAME	1. BP NAME 2. VEN-1006-1099 PRINT NAME

SSN Flag and 1099 Print Name value and the Name1 & Name2 printing in Jasper Report and XML File output

AP Control flag: Print Business Partner Legal Name on 1099s= Y									
	BP Code	BP Name	BP Legal Name	BP AKA Name		Registration Code	SSN Flag	Jasper Report	XML File Output
1	VEN-1001	VEN-1001-BP NAME	VEN-1001-LEGAL NAME	VEN-1001-AKA NAME	Blank	777777777	Y	1. BP LEGAL NAME 2. BP NAME	1. BP LEGAL NAME 2. BP NAME
2	VEN-1002	VEN-1002-BP NAME	VEN-1002-LEGAL NAME	VEN-1002-AKA NAME	Blank	965748596	N	1. BP LEGAL NAME 2. BP AKA NAME	1. BP LEGAL NAME 2. BP AKA NAME
3	VEN-1003	VEN-1003-BP NAME	VEN-1003-LEGAL NAME	Blank	Blank	324444333	N	1. BP LEGAL NAME 2. BLANK	1. BP LEGAL NAME 2. BLANK
4	VEN-1004	VEN-1004-BP NAME	VEN-1004-LEGAL NAME	VEN-1004-AKA NAME	VEN-1004-1099 PRINT NAME	754896333	Y	1. BP LEGAL NAME 2. BP NAME	1. BP LEGAL NAME 2. BP NAME
5	VEN-1005	VEN-1005-BP NAME	VEN-1005-LEGAL NAME	VEN-1005-AKA NAME	VEN-1005-1099 PRINT NAME	555554444	N	1. BP LEGAL NAME 2. VEN-1005-1099 PRINT NAME	1. BP LEGAL NAME 2. VEN-1005-1099 PRINT NAME
6	VEN1006	VEN-1006-BP NAME	VEN-1006-LEGAL NAME	Blank	VEN-1006-1099 PRINT NAME	111000111	N	1. BP LEGAL NAME 2. VEN-1006-1099 PRINT NAME	1. BP LEGAL NAME 2. VEN-1006-1099 PRINT NAME

AP Company Control > Other > 1099 Controls >Print Business Partner Legal Name on 1099s = Y (Checked)

NOTE: There is no change to the name printing and their order. The discrepancies in some scenarios above are corrected and the XML output is adjusted exactly as per the Jasper Report.

Accounts Payable

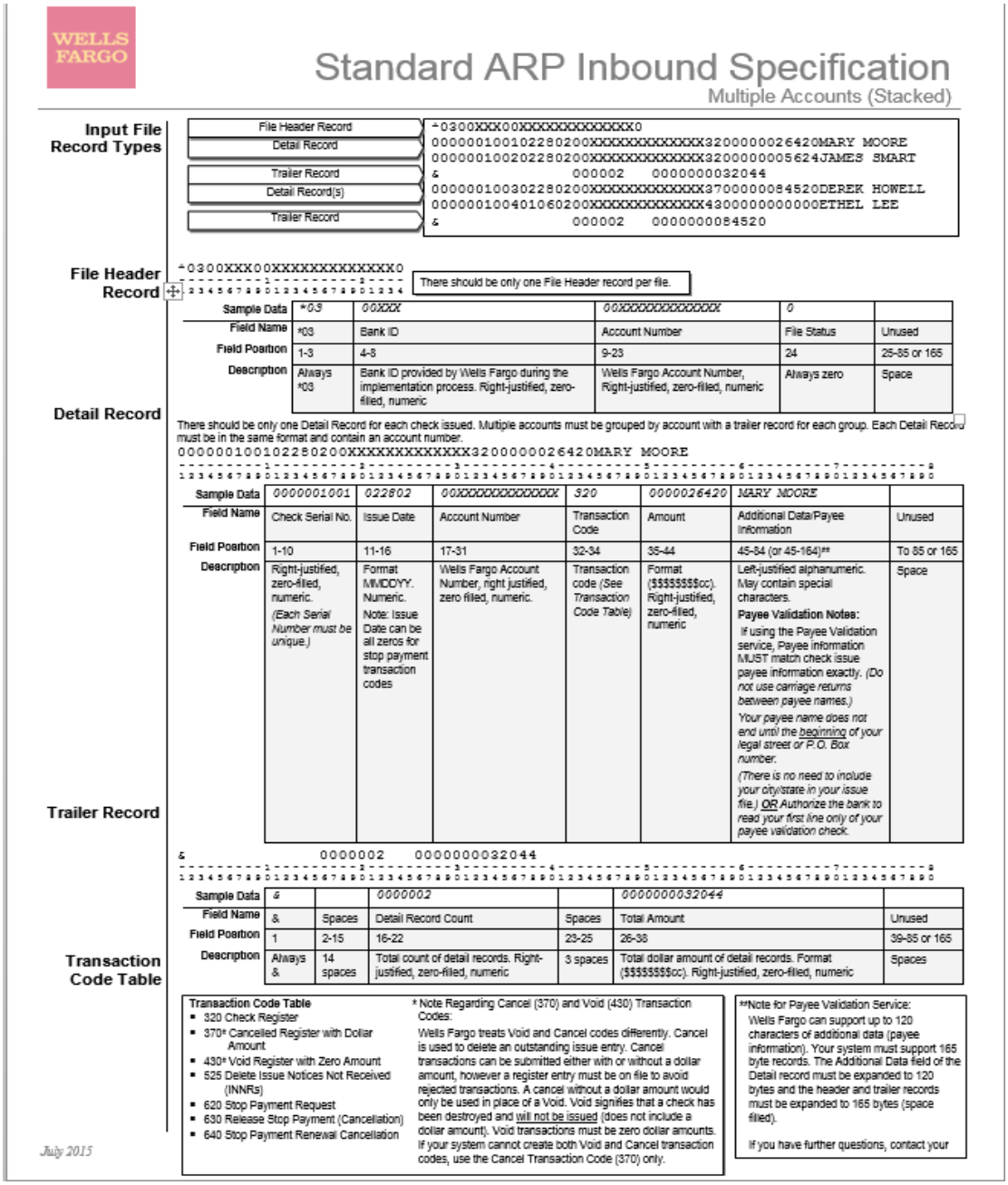
Add Payee Name to the positive Pay File (15.09595)

Overview:

CMiC has modified the existing Wells Fargo Positive Pay Format and populate Payee Name when creating Positive Pay File.

Settings and examples:

The Positive Pay File format is compliant to the Standard ARP Inbound Specification:



WELLS FARGO

Standard ARP Inbound Specification

Multiple Accounts (Stacked)

Input File Record Types

File Header Record	^0300XXX00XXXXXXXXXXXXX0
Detail Record	000000100102280200XXXXXXXXXXXXX3200000026420MARY MOORE
	000000100202280200XXXXXXXXXXXXX3200000005624JAMES SMART
Trailer Record	& 000002 0000000032044
Detail Record(s)	000000100302280200XXXXXXXXXXXXX3700000084520DEREK HOWELL
	000000100401060200XXXXXXXXXXXXX4300000000000ETHEL LEE
Trailer Record	& 000002 0000000084520

File Header Record

^0300XXX00XXXXXXXXXXXXX0

There should be only one File Header record per file.

Sample Data	*03	00XXX	00XXXXXXXXXXXXX	0	
Field Name	*03	Bank ID	Account Number	File Status	Unused
Field Position	1-3	4-8	9-23	24	25-85 or 165
Description	Always *03	Bank ID provided by Wells Fargo during the implementation process. Right-justified, zero-filled, numeric	Wells Fargo Account Number, Right-justified, zero-filled, numeric	Always zero	Space

Detail Record

There should be only one Detail Record for each check issued. Multiple accounts must be grouped by account with a trailer record for each group. Each Detail Record must be in the same format and contain an account number.

000000100102280200XXXXXXXXXXXXX3200000026420MARY MOORE

Sample Data	0000001001	022802	00XXXXXXXXXXXXX	320	0000026420	MARY MOORE	
Field Name	Check Serial No.	Issue Date	Account Number	Transaction Code	Amount	Additional Data/Payee Information	Unused
Field Position	1-10	11-16	17-31	32-34	35-44	45-84 (or 45-164)**	To 85 or 165
Description	Right-justified, zero-filled, numeric. (Each Serial Number must be unique.)	Format MMDDYY. Numeric. Note: Issue Date can be all zeros for stop payment transaction codes	Wells Fargo Account Number, right justified, zero filled, numeric.	Transaction code (See Transaction Code Table)	Format ($$$$$$$$cc). Right-justified, zero-filled, numeric	Left-justified alphanumeric. May contain special characters. **Payee Validation Notes:** If using the Payee Validation service, Payee information MUST match check issue payee information exactly. (Do not use carriage returns between payee names.) Your payee name does not end until the beginning of your legal street or P.O. Box number. (There is no need to include your city/state in your issue file.) OR Authorize the bank to read your first line only of your payee validation check.	Space

Trailer Record

& 0000002 0000000032044

Sample Data	&		0000002		0000000032044	
Field Name	&	Spaces	Detail Record Count	Spaces	Total Amount	Unused
Field Position	1	2-15	16-22	23-25	26-38	39-85 or 165
Description	Always &	14 spaces	Total count of detail records. Right-justified, zero-filled, numeric	3 spaces	Total dollar amount of detail records. Format ($$$$$$$$cc). Right-justified, zero-filled, numeric	Spaces

Transaction Code Table

- 320 Check Register
- 370* Cancelled Register with Dollar Amount
- 430* Void Register with Zero Amount
- 525 Delete Issue Notices Not Received (INNRs)
- 620 Stop Payment Request
- 630 Release Stop Payment (Cancellation)
- 640 Stop Payment Renewal Cancellation

* Note Regarding Cancel (370) and Void (430) Transaction Codes:

Wells Fargo treats Void and Cancel codes differently. Cancel is used to delete an outstanding issue entry. Cancel transactions can be submitted either with or without a dollar amount, however a register entry must be on file to avoid rejected transactions. A cancel without a dollar amount would only be used in place of a Void. Void signifies that a check has been destroyed and will not be issued (does not include a dollar amount). Void transactions must be zero dollar amounts. If your system cannot create both Void and Cancel transaction codes, use the Cancel Transaction Code (370) only.

**Note for Payee Validation Service:

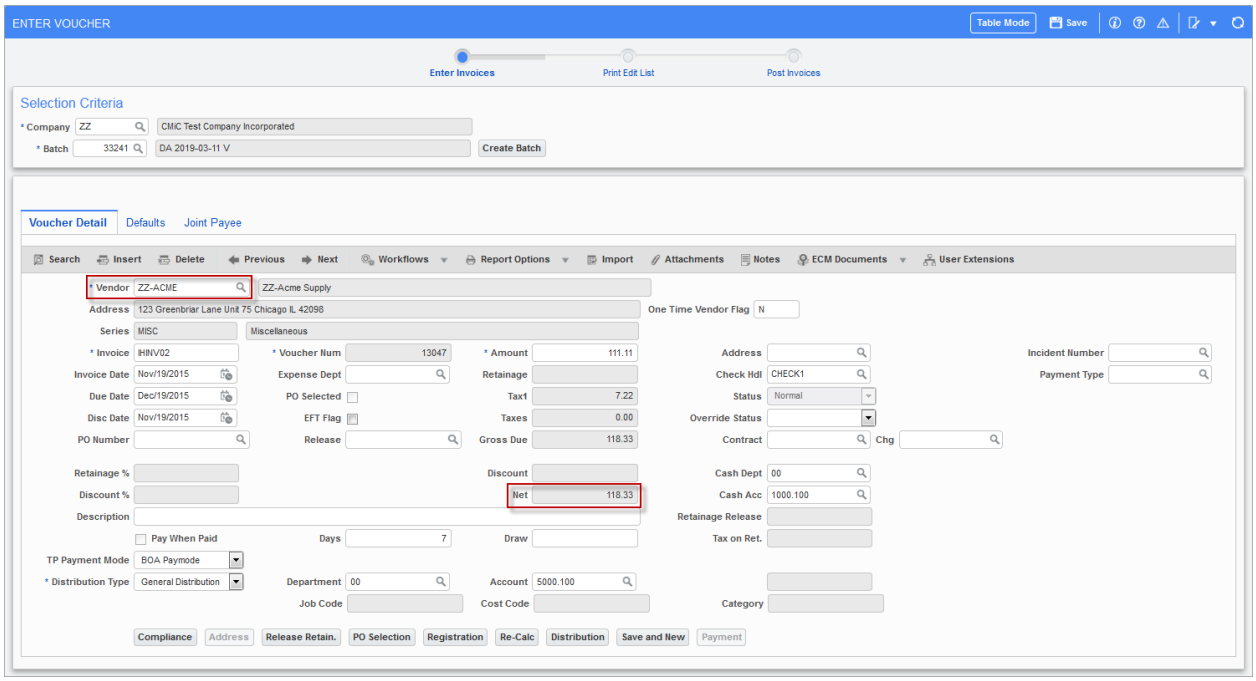
Wells Fargo can support up to 120 characters of additional data (payee information). Your system must support 165 byte records. The Additional Data field of the Detail record must be expanded to 120 bytes and the header and trailer records must be expanded to 165 bytes (space filled).

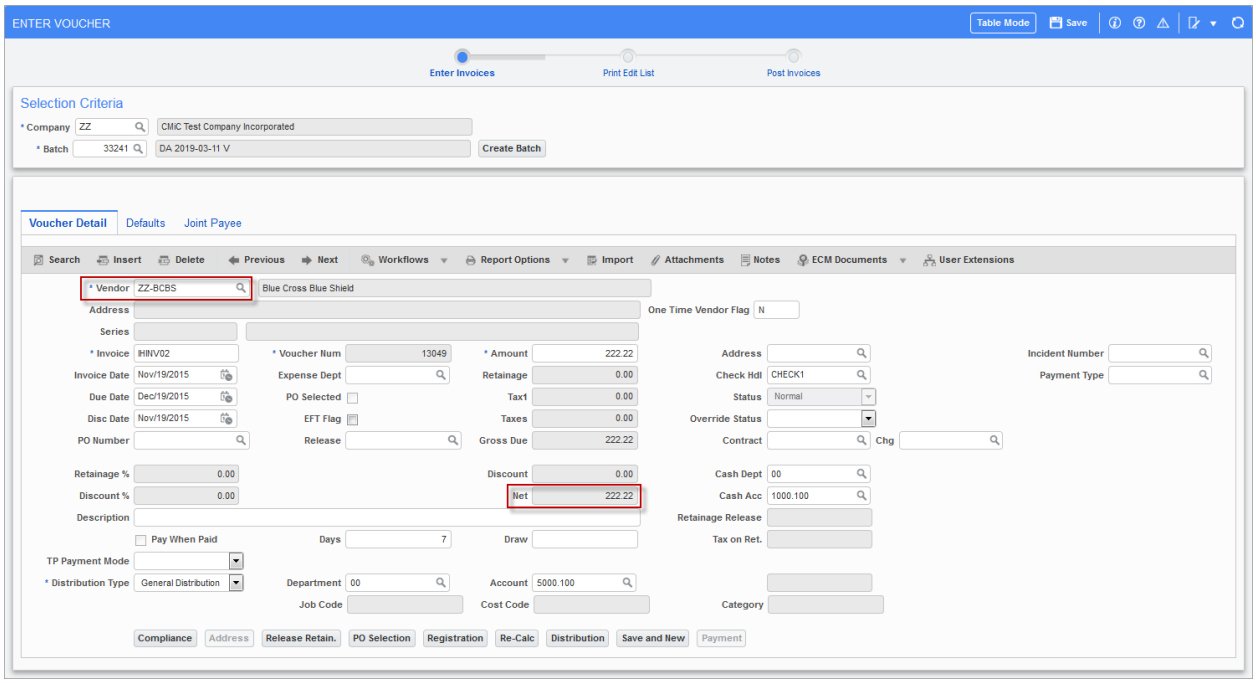
If you have further questions, contact your

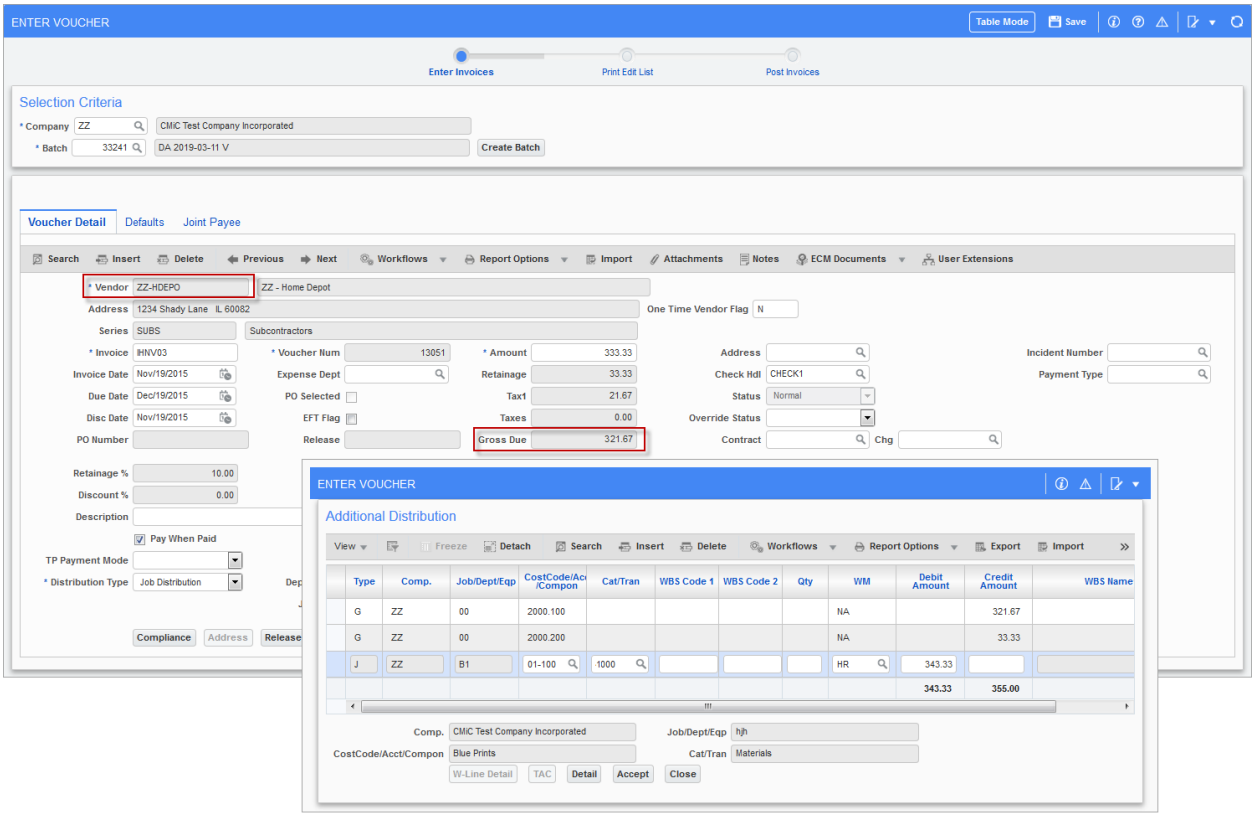
July 2015

Example 1: Create 3 checks to the different payees and then create The Positive Pay File:

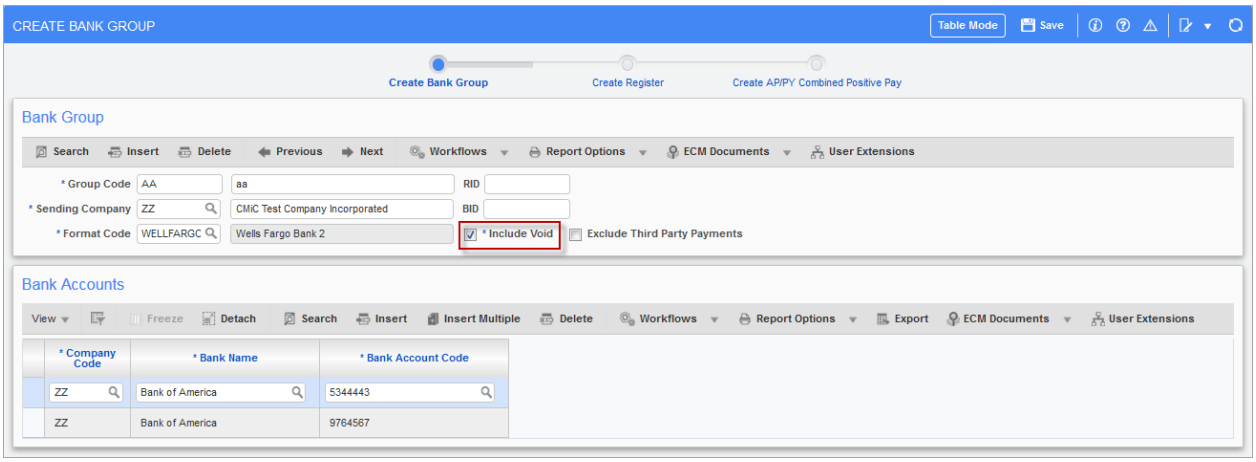
1.1. Create 3 vouchers for the following vendors: for ZZ-ACME ($118.33); ZZ-BCBS($222.22); ZZ-HDEPO($321.67):


ENTER VOUCHER
Table Mode
Save
Enter Invoices
Print Edit List
Post Invoices
Selection Criteria
* Company ZZ
CMC Test Company Incorporated
* Batch 33241
DA 2019-03-11 V
Create Batch
Voucher Detail
Defaults
Joint Payee
Search
Insert
Delete
Previous
Next
Workflows
Report Options
Import
Attachments
Notes
ECM Documents
User Extensions
* Vendor ZZ-ACME
ZZ-Acme Supply
Address 123 Greenbriar Lane Unit 75 Chicago IL 42098
One Time Vendor Flag N
Series MISC
Miscellaneous
* Invoice HINV02
* Voucher Num 13047
* Amount 111.11
Address
Incident Number
Invoice Date Nov/19/2015
Expense Dept
Retainage
Check Hdl CHECK1
Payment Type
Due Date Dec/19/2015
PO Selected
Tax1 7.22
Status Normal
Disc Date Nov/19/2015
EFT Flag
Taxes 0.00
Override Status
PO Number
Release
Gross Due 118.33
Contract
Chg
Retainage %
Discount
Cash Dept 00
Discount %
Net 118.33
Cash Acc 1000.100
Description
Retainage Release
Pay When Paid
Days 7
Draw
Tax on Ret.
TP Payment Mode BOA Paymode
* Distribution Type General Distribution
Department 00
Account 5000.100
Job Code
Cost Code
Category
Compliance
Address
Release Retain.
PO Selection
Registration
Re-Calc
Distribution
Save and New
Payment

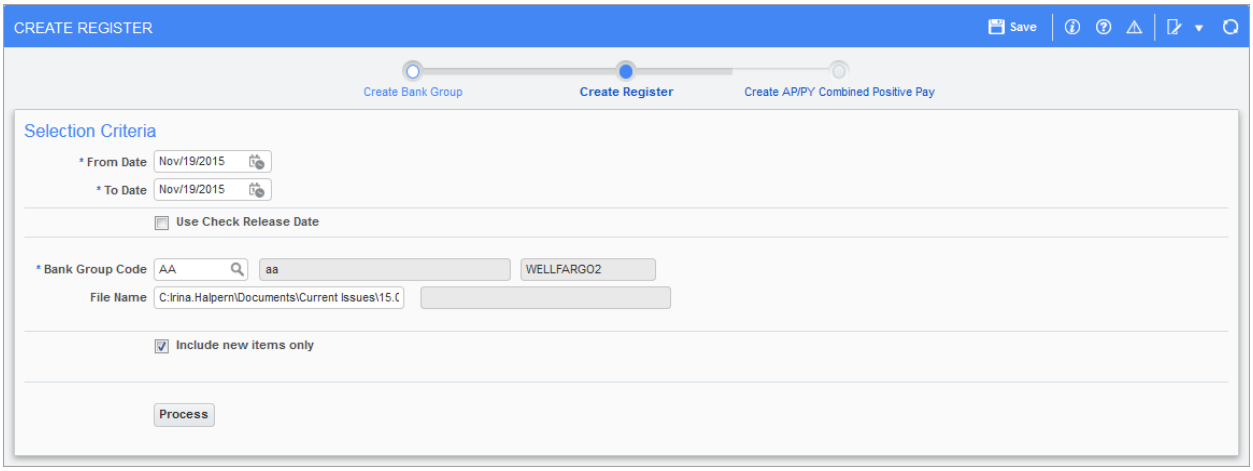

ENTER VOUCHER
Table Mode
Save
Enter Invoices
Print Edit List
Post Invoices
Selection Criteria
* Company ZZ
CMC Test Company Incorporated
* Batch 33241
DA 2019-03-11 V
Create Batch
Voucher Detail
Defaults
Joint Payee
Search
Insert
Delete
Previous
Next
Workflows
Report Options
Import
Attachments
Notes
ECM Documents
User Extensions
* Vendor ZZ-BCBS
Blue Cross Blue Shield
Address
One Time Vendor Flag N
Series
* Invoice HINV02
* Voucher Num 13049
* Amount 222.22
Address
Incident Number
Invoice Date Nov/19/2015
Expense Dept
Retainage 0.00
Check Hdl CHECK1
Payment Type
Due Date Dec/19/2015
PO Selected
Tax1 0.00
Status Normal
Disc Date Nov/19/2015
EFT Flag
Taxes 0.00
Override Status
PO Number
Release
Gross Due 222.22
Contract
Chg
Retainage % 0.00
Discount 0.00
Cash Dept 00
Discount % 0.00
Net 222.22
Cash Acc 1000.100
Description
Retainage Release
Pay When Paid
Days 7
Draw
Tax on Ret.
TP Payment Mode
* Distribution Type General Distribution
Department 00
Account 5000.100
Job Code
Cost Code
Category
Compliance
Address
Release Retain.
PO Selection
Registration
Re-Calc
Distribution
Save and New
Payment



1.2. After selecting payment, preparing, printing, and posting the checks go to Account Payable -> Check -> Positive Pay Register -> Create Bank Group. Make sure that the bank group exists and Include Void check box is checked:

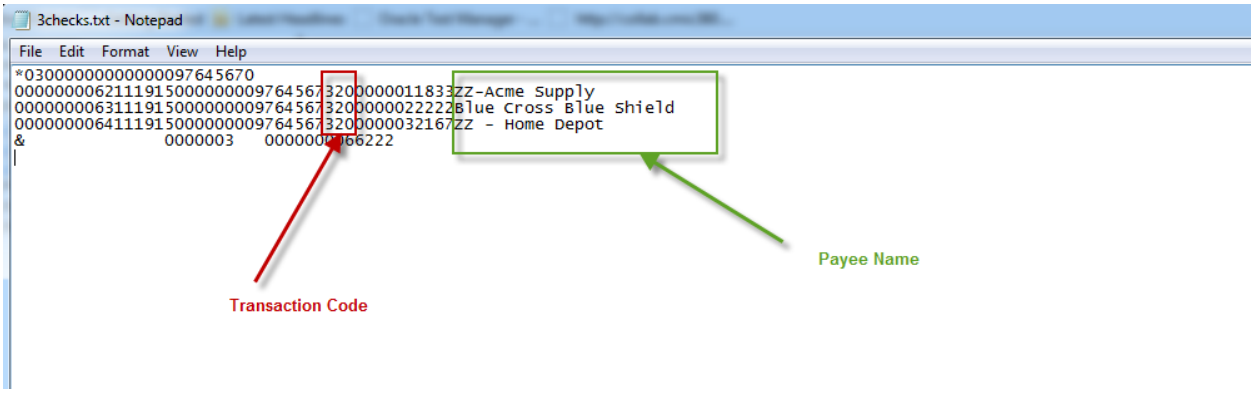


1.3. Go to Account Payable -> Check -> Positive Pay Register -> Create Register
And press [Process] button.



Note: If you would like to see new items only please check the Include New Items Only check box.

1.4. The created Positive Pay File will look like:

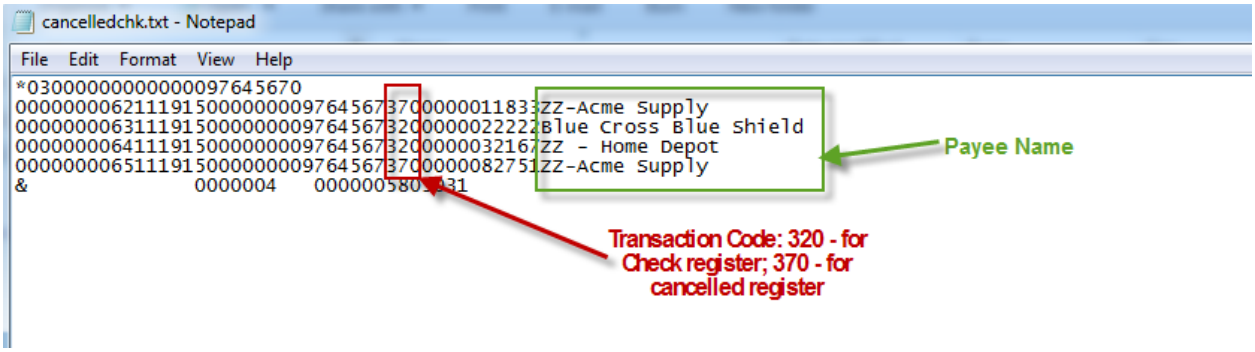


The file includes the payee names equivalent to the names on the vouchers and checks.

Note: According to the Standard ARP Inbound Specification the code 320 indicates that these are Check Register items. The next example will show how this code is changed when the checks are voided.

Example 2: Create The Positive Pay File with 3 cancelled checks.

2.1. Create additional voucher for ZZ – Acme Supply for $827.51
2.2. After posting the check void newly created check and the check for Acme Supply created in the Example 1 (for $118.33).
2.3. Create Register (Include New Items Only check box should be unchecked).
2.4. The created Positive Pay File will look like:



The file includes the payee names equivalent to the names on the vouchers and checks.

Note: According to the Standard ARP Inbound Specification the code 320 indicates that these are Check Register items and the code 370 indicates the Cancelled Register.

Bancomer Payment File Modification – Interbank Payments (15.09039)

Overview:

CMiC has modified the Bancomer Format to identify transactions as International Payments when the type of payment is "PSC" and “OPI”.

When the Payment Type is "PSC" then the system will pick up vouchers that have the following conditions:

- Cash Account Bank different from the Vendor Bank

- Cash Account Bank Country is same as Vendor Bank Country

- Voucher Company Currency is same as Vendor Currency

When the Payment Type is "OPI" then the system will pick up vouchers that have either

- Cash Account Bank different from the Vendor Bank

- Cash Account Bank Country different from the Vendor Bank Country

- Voucher Company Currency is same as Vendor Currency

OR

- Cash Account Bank different than the Vendor Bank

- Cash Account Bank Country different from the Vendor Bank Country

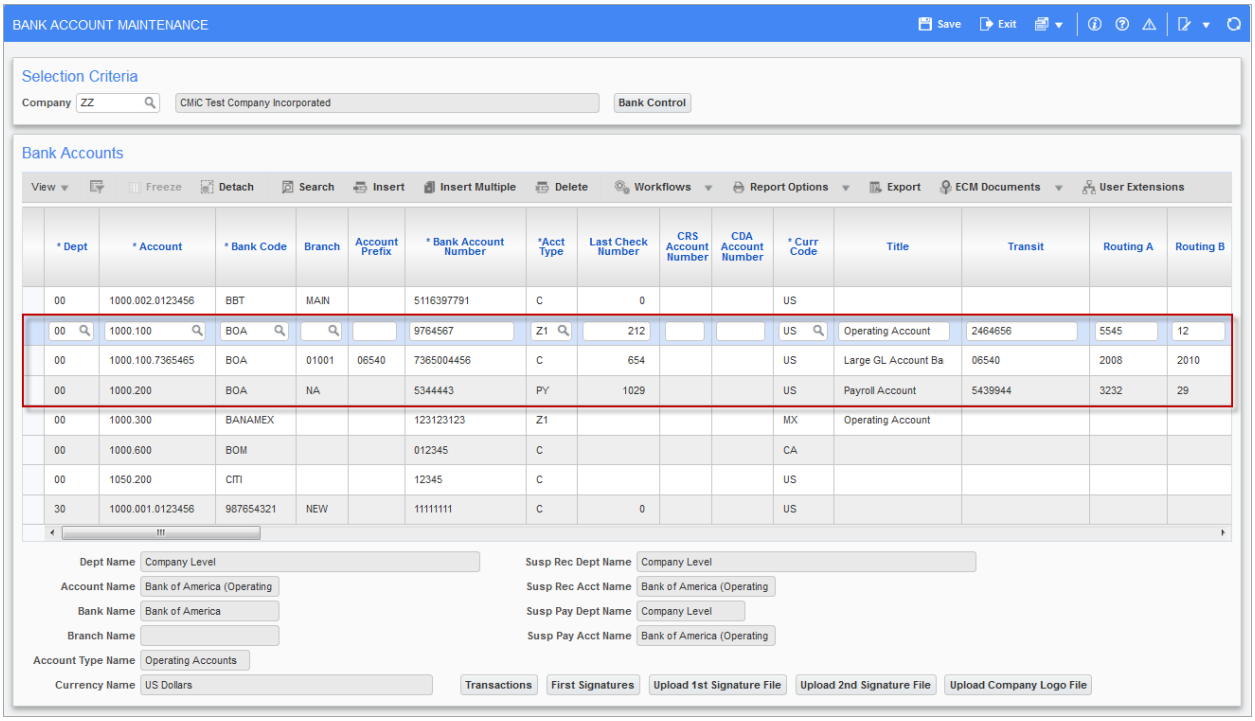
- Voucher Company Currency different from the Vendor Currency.

The modifications have not affected the following existing logic: when the Payment Type is “PTC” then the system will pick up vouchers that have Cash Account Bank the same as the Vendor Bank.

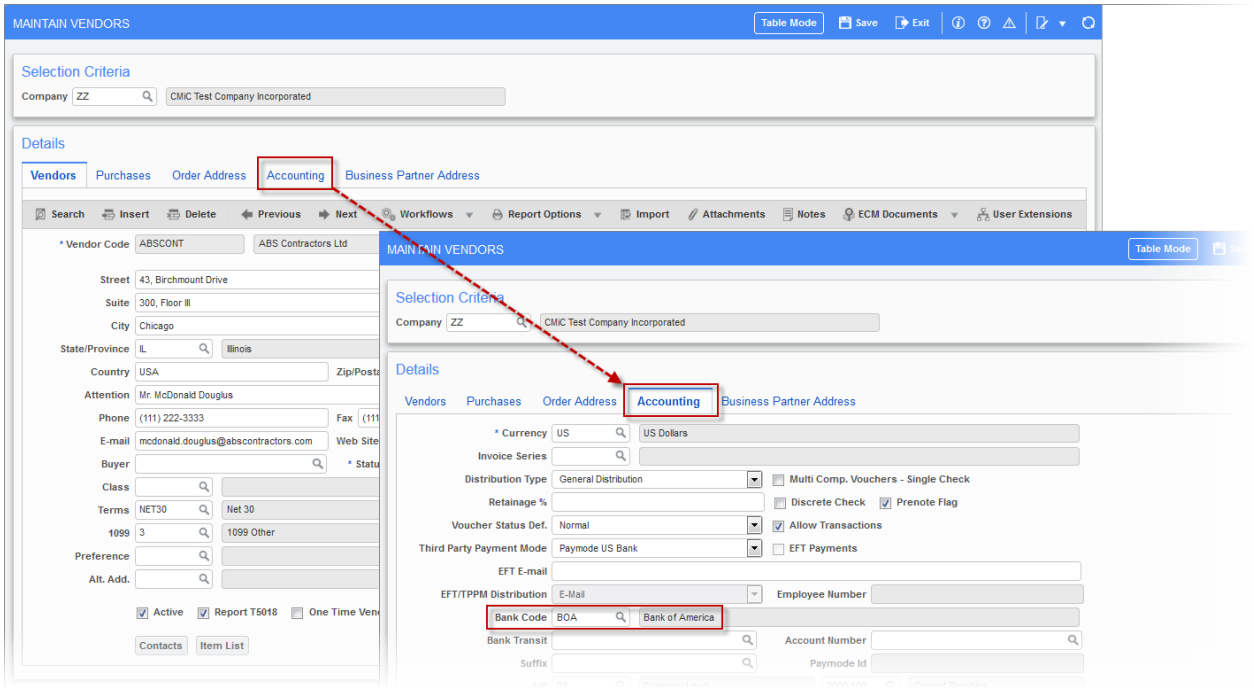
SETTINGS and EXAMPLES:

Conditions 1: Cash Account Bank is the same as the Vendor Bank

Company ZZ has the following Cash Accounts (Account Payable-> Setup -> Global Tables -> Banking -> Bank Account)

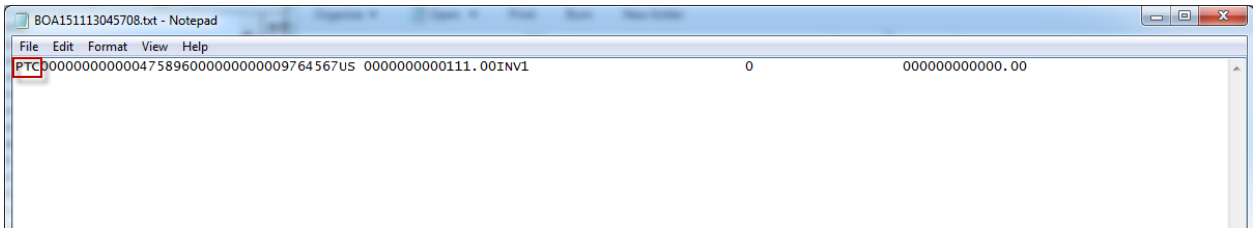


The vendor ASCCONT has the following settings (Account Payable-> Setup -> Vendor Maintenance -> press [Accounting] button):



In this setting vendor ABSCONT and company ZZ both have BOA banks.

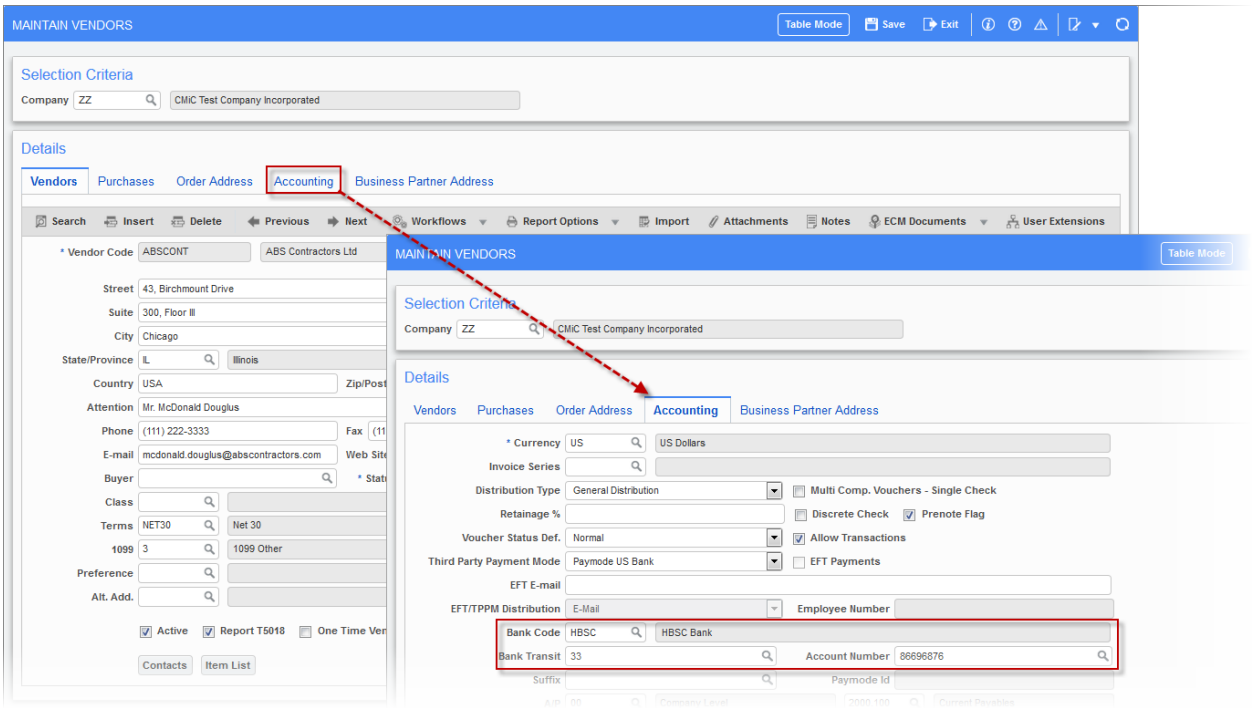
The resulting EFT file starts with PTC:



Conditions 2:

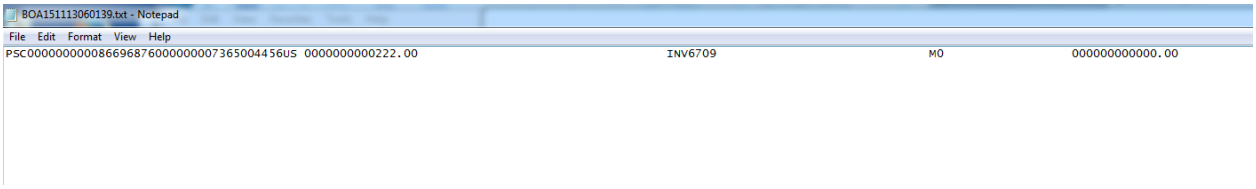
- Cash Account Bank different from the Vendor Bank
- Cash Account Bank Country is same as Vendor Bank Country
- Voucher Company Currency is same as Vendor Currency

Change bank for vendor ABSCONT:



HSBC bank, HSBC branch (Account Payable -> Setup -> Global Variables -> Banking -> Branch Maintenance -> press Address button) has country “US”; the address of the Company ZZ Cash account 1000.100.7365465 (Bank BOA, branch 01001) has also “US” as a country code.

The setting also shows that both vendor and the company have the same currency US, and they are using different banks. In this case EFT file will start with ‘PSC’:



Conditions 3:

Setting 3.1.

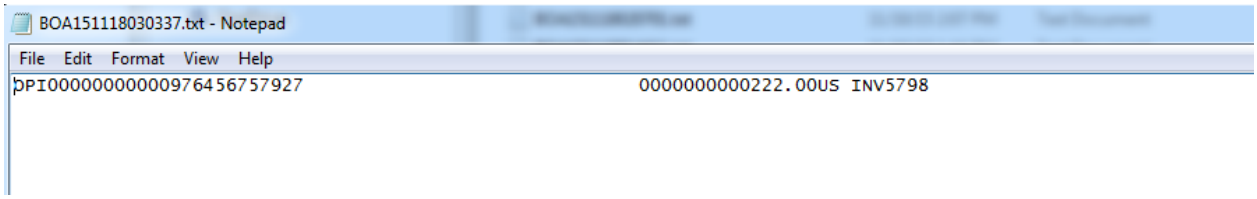
- Cash Account Bank different from the Vendor Bank

- Cash Account Bank Country different than the Vendor Bank Country

- Voucher Company Currency is same as Vendor Currency.

New setting: for Company ZZ department 00 and G/L account 1000.100.7365465 (corresponds to the branch with the address = ‘US’); change the bank for the vendor ABSCOUNT to MEXBANK – the address for the bank for vendor ABSCOUNT is ‘MX’).

EFT file will start from ‘OPI’:



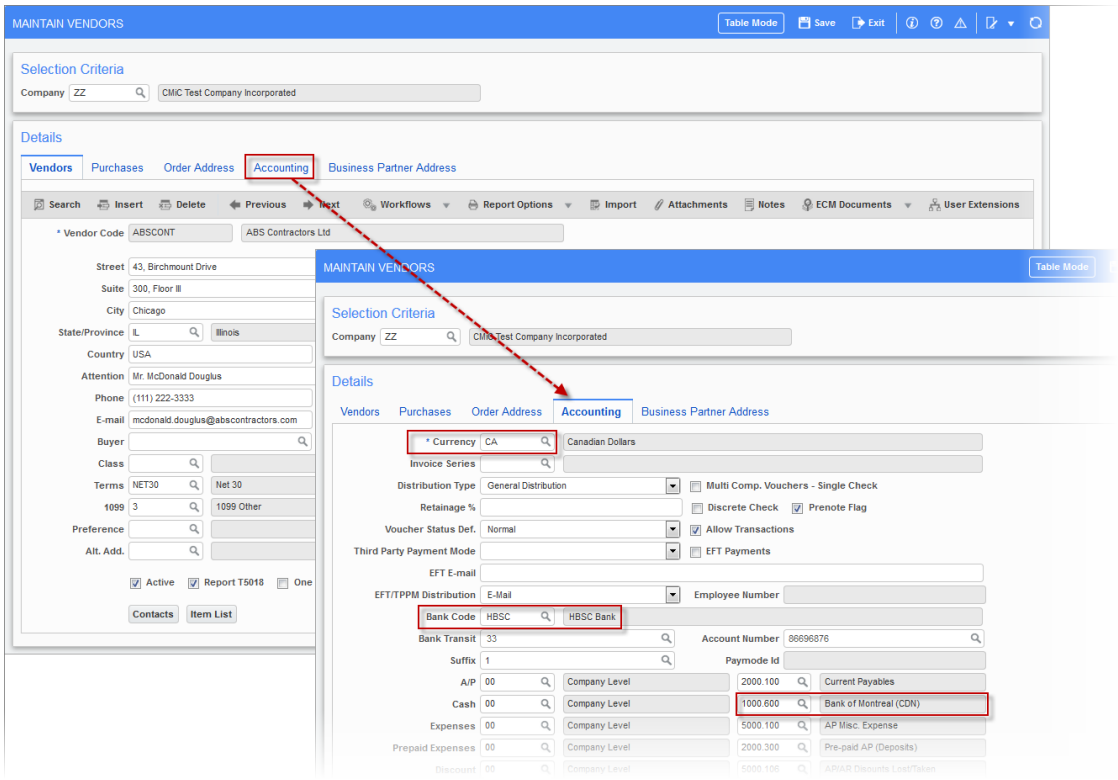
Setting 3.2.

- Cash Account Bank different from the Vendor Bank

- Cash Account Bank Country is the same as the Vendor Bank Country

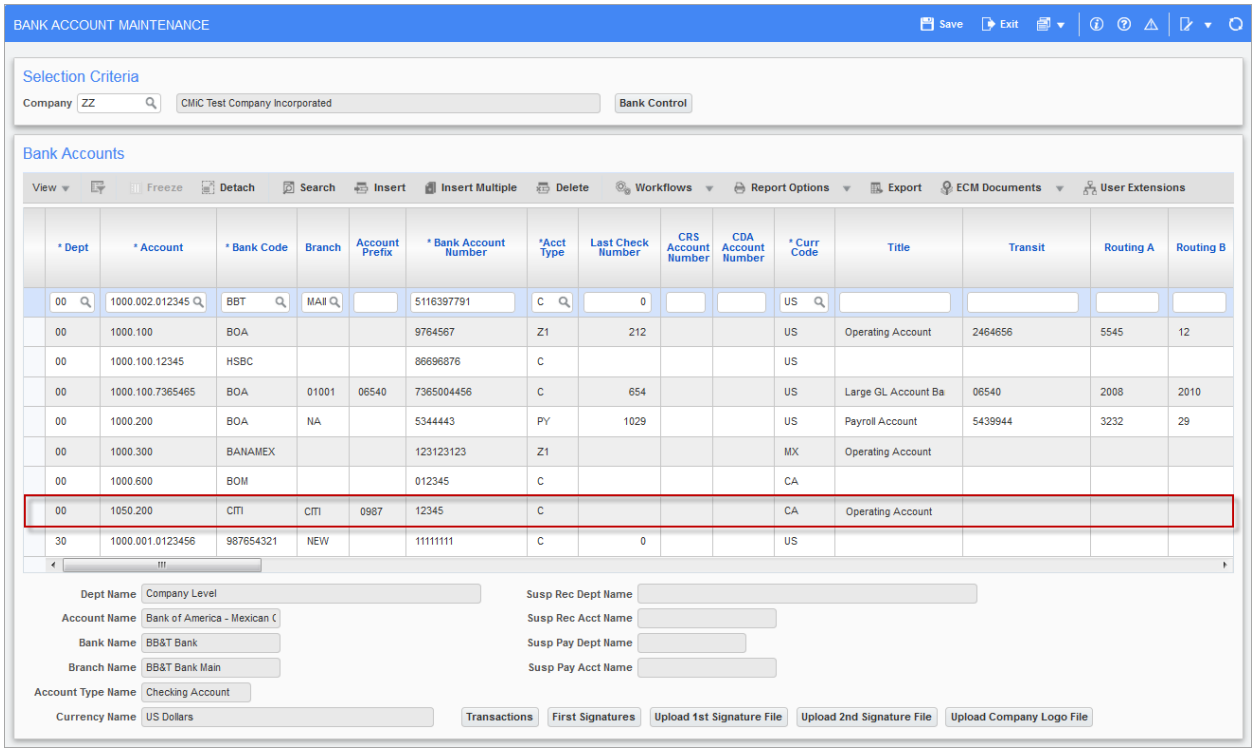
- Voucher Company Currency is different from Vendor Currency

In this case the vendor ABSCOUNT is set up to use CAN $ as currency through the HSBC bank.



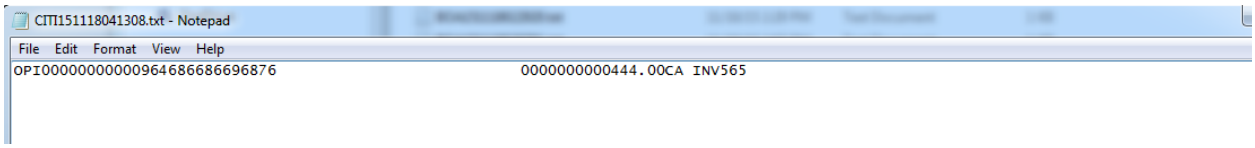
The Bank Branch address for the vendor could be verified in Account Payable -> Setup -> Global Variables -> Banking -> Branch Maintenance and press Address button. In this case the country of the branch is US.

The company ZZ has US currency. Company ZZ also has a CAN cash account in the CITI bank, CITI branch:



After the verification of the CITI bank, CITI branch address (Account Payable -> Setup -> Global Variables -> Banking -> Branch Maintenance -> press Address button), it is established that the country code for this branch is US, the same as for HSBC bank for the vendor ABSCONT).

In this case the EFT file will also start with OPI:



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

Overview:

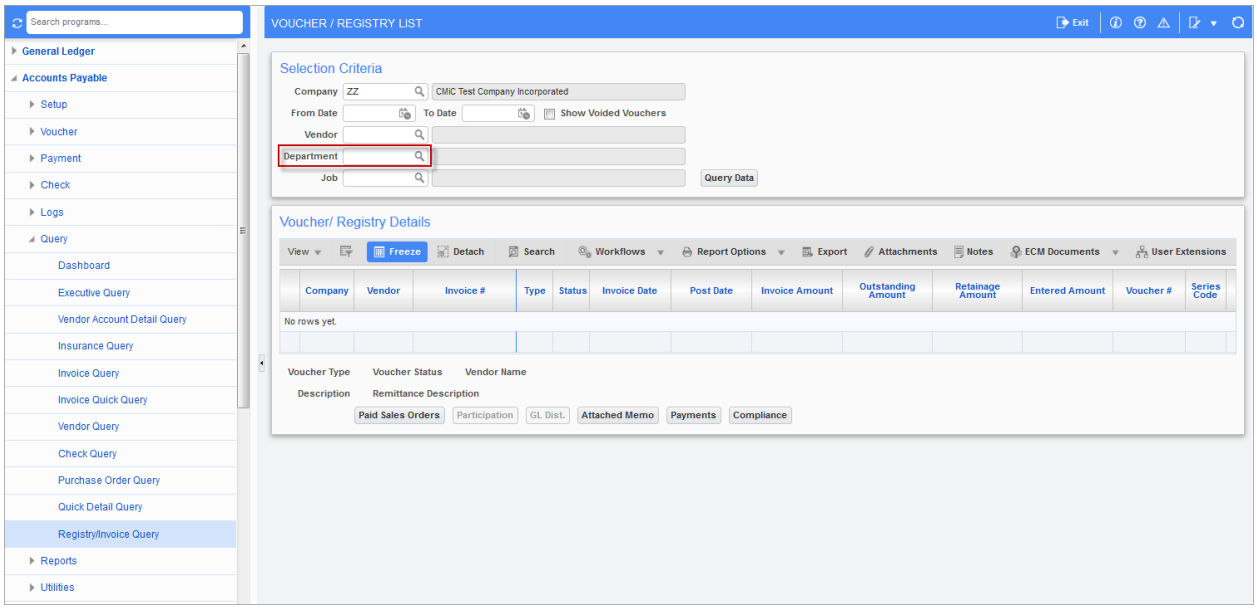
CMiC has modified the Voucher/Registry List screen: the new Department field has been added to provide a new parameter to the query – Department Code. When this parameter is specified, only vouchers/registered invoices with the same department code on the header will be shown.

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

Modifications:

Department field is added to the Voucher/Registry List

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



If the user enters 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 a pop-up window: "*Alert: Either Job or Vendor must be entered*".

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

Allow securing Check Release All/Unrelease All buttons (15.11066)

Overview:

CMiC has added a new negating privilege to disable the [Release All/Unrelease All] buttons on the AP Check Release program. If the privilege is given to a User, then the Release Check program will disable the buttons; otherwise the existing functionality is intact.

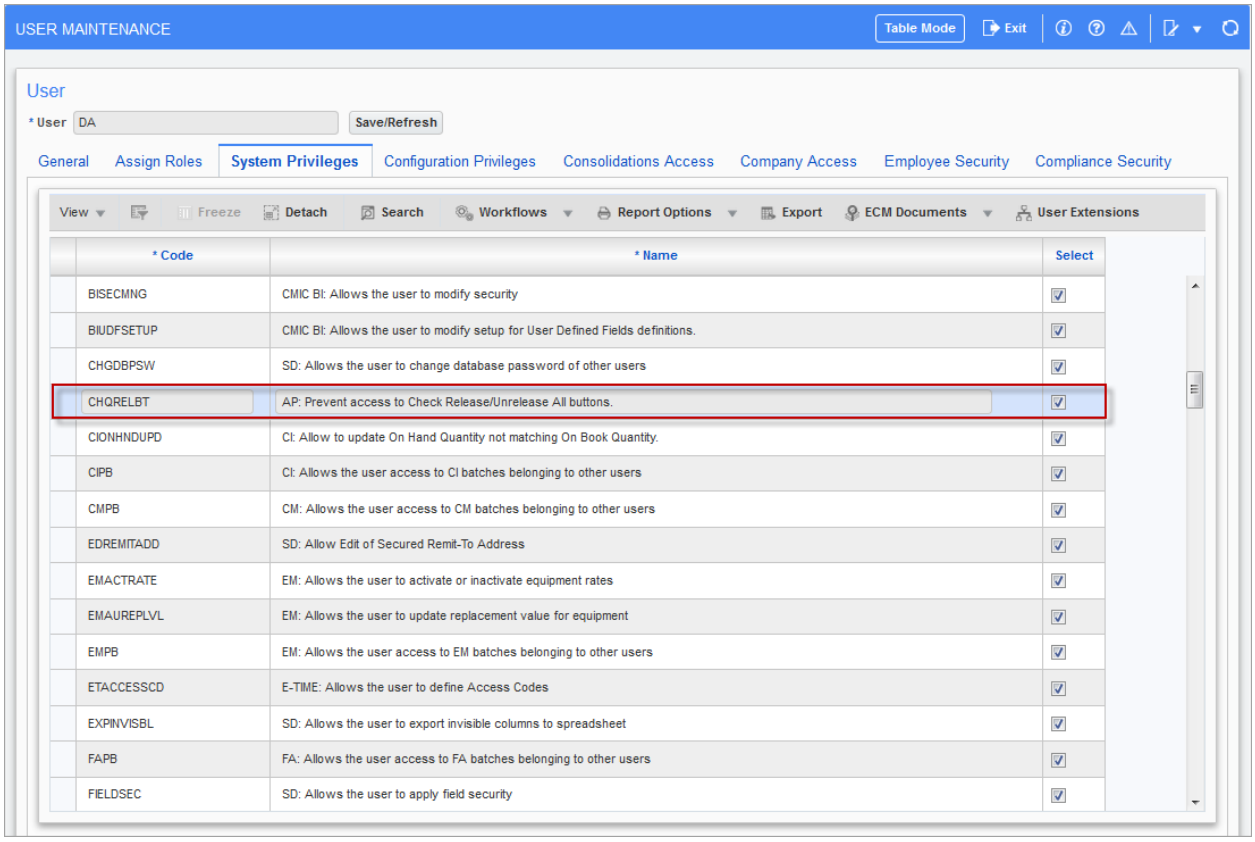
NOTE: If enabled the button [Release All/Unrelease All] changes the name upon a click. If the button is disable the name by default stays as [Release All].

Modifications:

CMiC has created a new negative privilege CHQRELBT. If given to a User, then this user will have the button [Release All/Unrelease All] disabled on the Release Check program screen.

Settings and Examples:

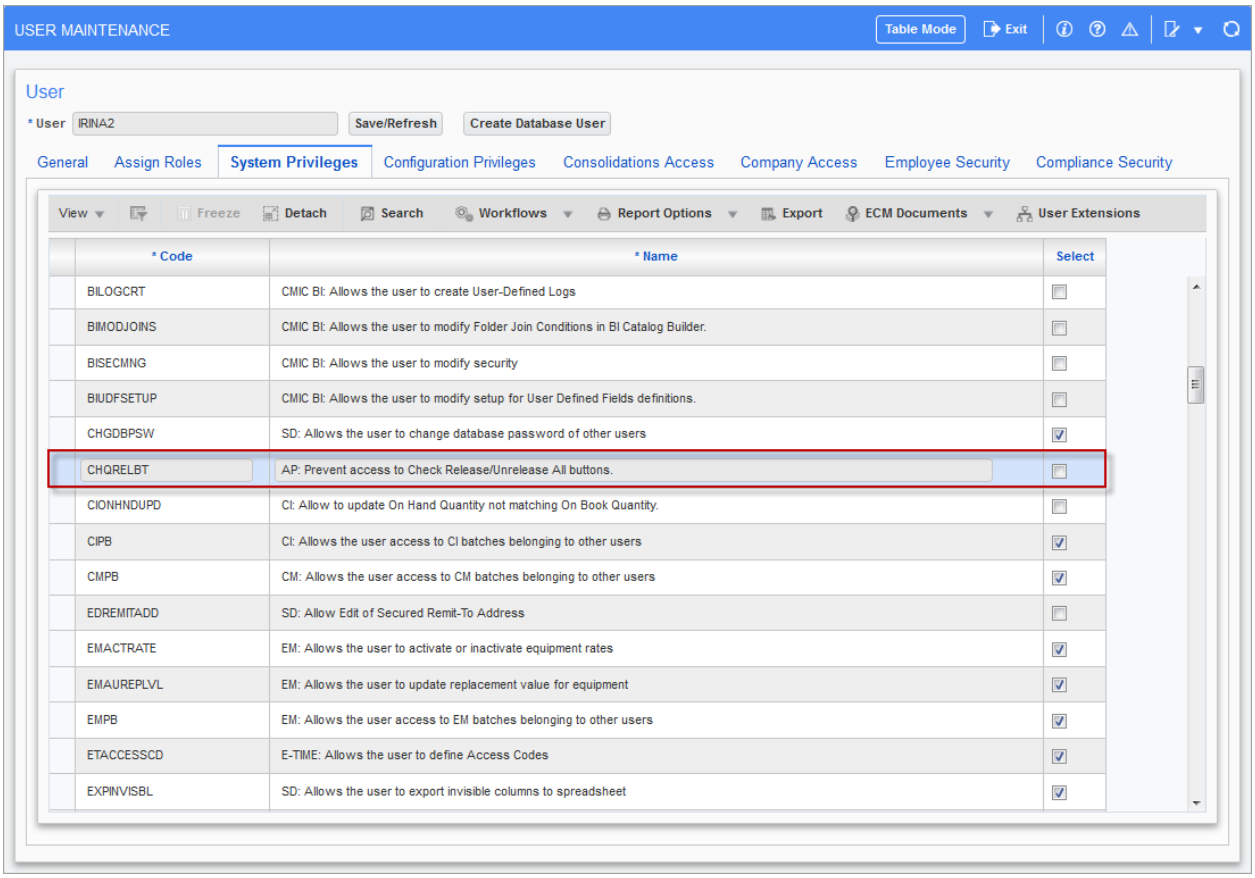
1. User DA has the privilege CHQRELBT assigned:



For the User DA the Release Check program screen will disable the button [Release All/Unrelease All]. As noted above the name of the button, if disabled, stays as [Release All].

The button [Released] is intact – enabled and fully functional.

2. The User Irina2 does not have the negative privilege CHQRELBT assigned.



For the User Irina2 the Release Check program screen enables the buttons [Release All/Unrelease All].

All buttons on the screen are fully functional.

Business Partner AKA name fields (14.95789)

Overview:

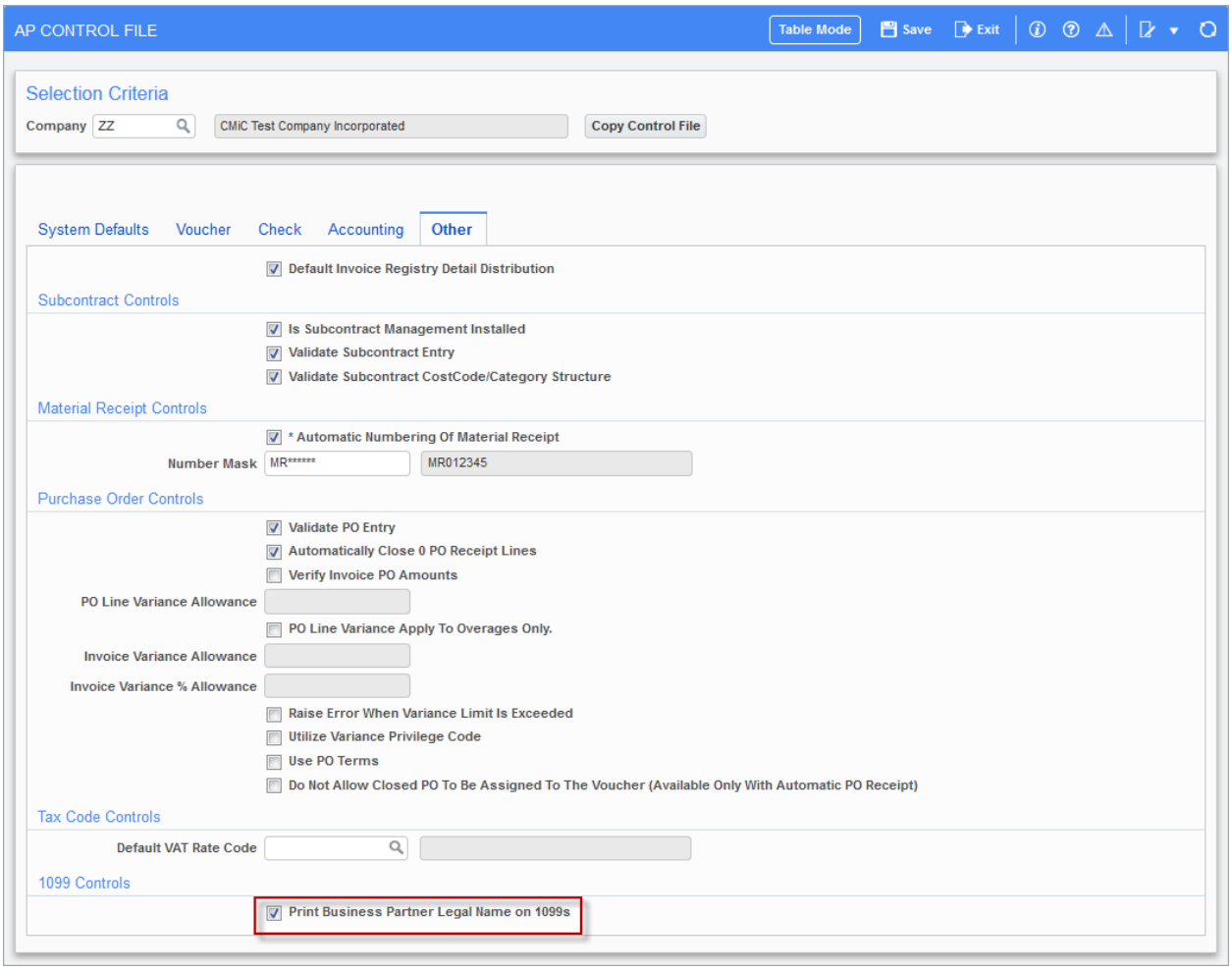
CMiC has introduced a new flag “Print Business Partner Legal Name” on AP Control File. This flag allows the users to choose whether AKA Name or Business Partner Legal Name will be printed on 1099s Reports.

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 un-checked 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).

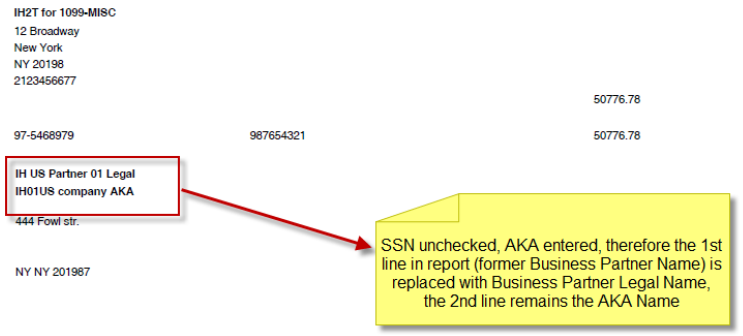
For the Business Partners above the 1099s Report will print the following:

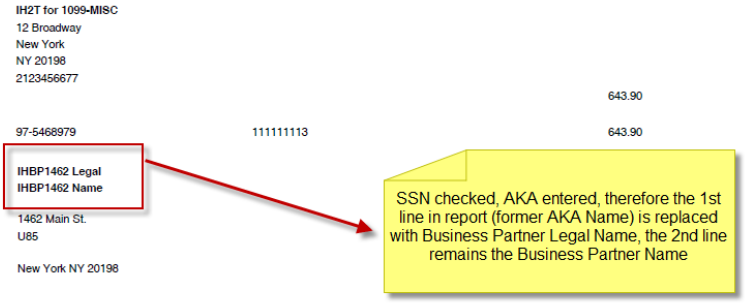
- If the SSN box is un-checked, then the system will use the Business Partner Legal Name as the 1st line followed by AKA name on 1099 Reports.
- If the SSN box is checked then the system will use the Business Partner Legal Name as the 1st line followed by the Business Partner Name on 1099 Reports.
- 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.

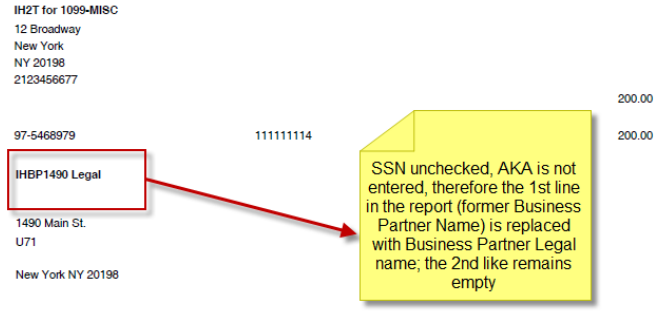
Example:

1. Business Partner IH01US has SSN flag unchecked; AKA Name entered (“IH01US company AKA”); Legal Name is “IHUS Partner 01 Legal”.
2. Business Partner IHBP1490 has SSN flag unchecked and no AKA Name entered; Legal Name is “IHBP1490 Legal”.
3. 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)

Overview and Modification:

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.

NOTE: This change is for ADF only.

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

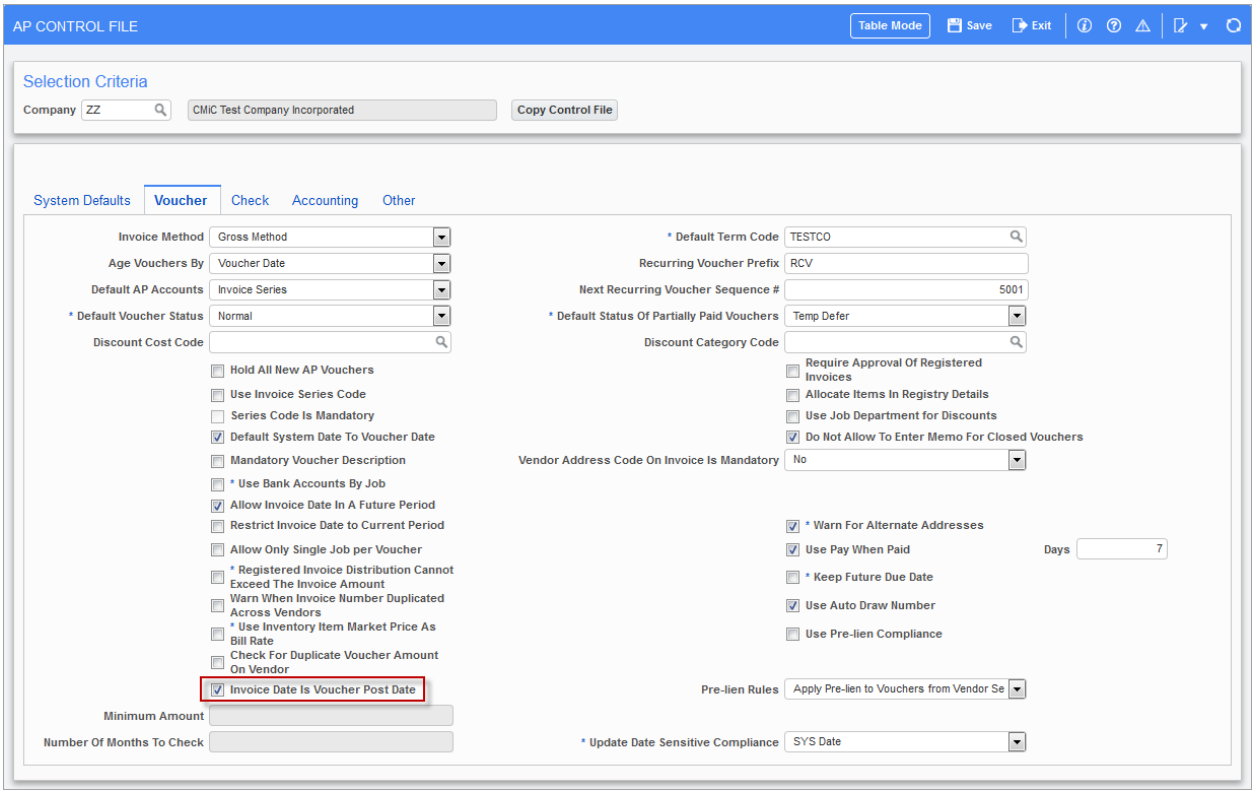
The AP Invoice Posting program has been modified to use the Invoice Date as the Voucher Posting Date (the Date of Record) based on the AP Control File flag “Invoice Date Is Voucher Post Date”. The system will prevent the posting if the Invoice Date is in a closed period.

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.

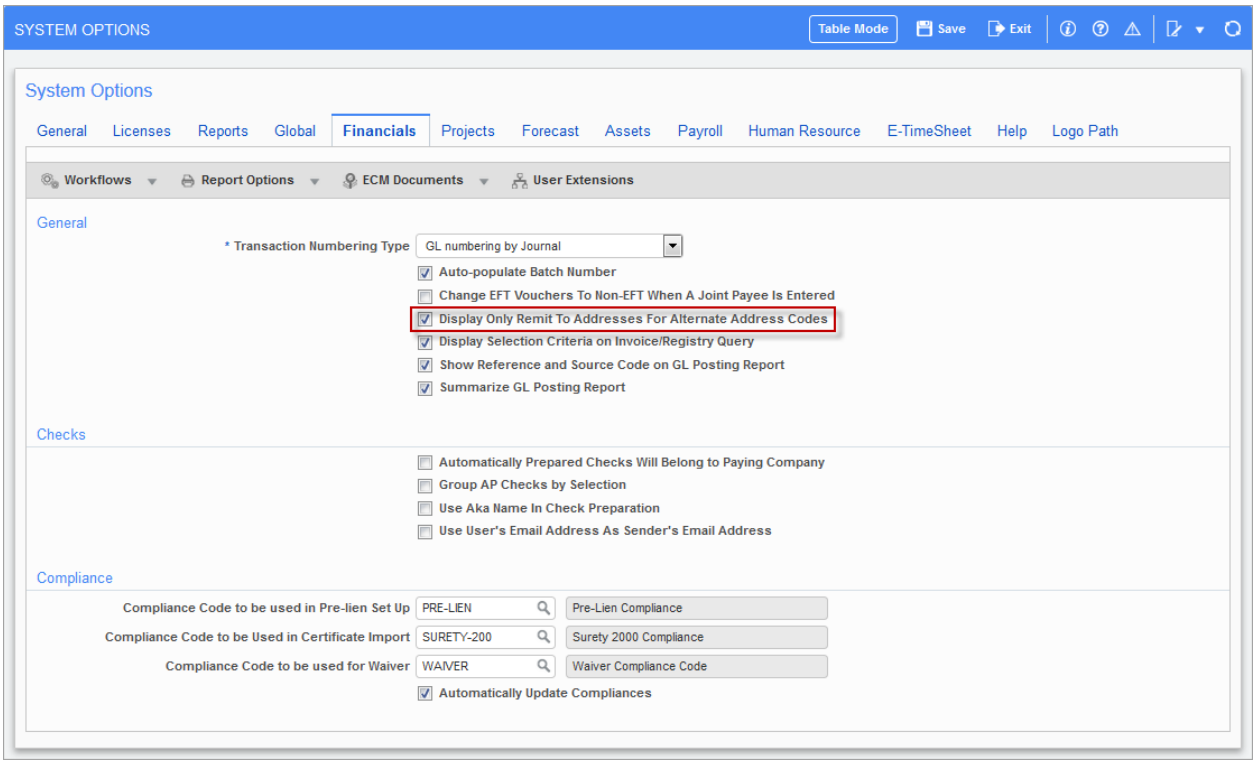
If the flag “Invoice Date Is Voucher Post Date” is unchecked the system works as before: it uses the Batch Posting Date as the official Date of Record.

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 for ADF (based on example in V10_x standard environment):

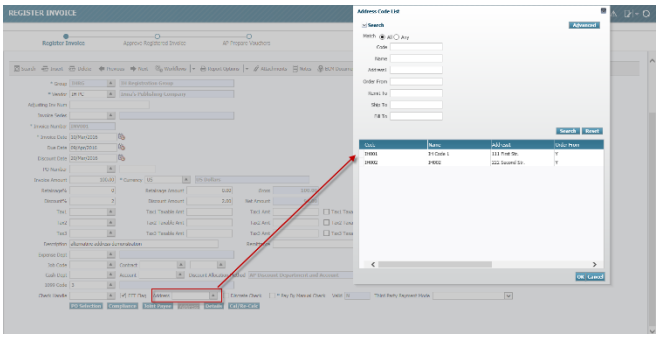
1. In order to activate this new functionality, the user has to check the flag “Display Only Remit To Addresses For Alternate Address Codes”. The flag could be found in System -> Setup -> System Option -> Financials Tab).



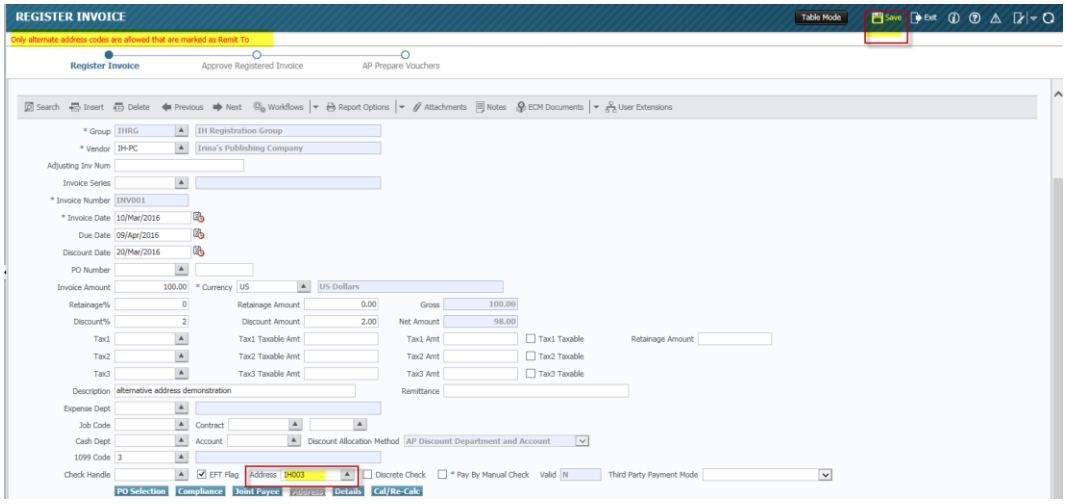
2. The Business Partner IH-PC has been selected to demonstrate the new functionality. The Business Partner IH-PC settings include 4 alternate addresses. The alternate addresses with Address Codes IH001, IH002 have the “Remit To” flag checked while the alternate addresses with Address Codes IH003, IH004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

Register Invoice screen (Treeview path: Account Payable -> Voucher -> Register Invoices):

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.



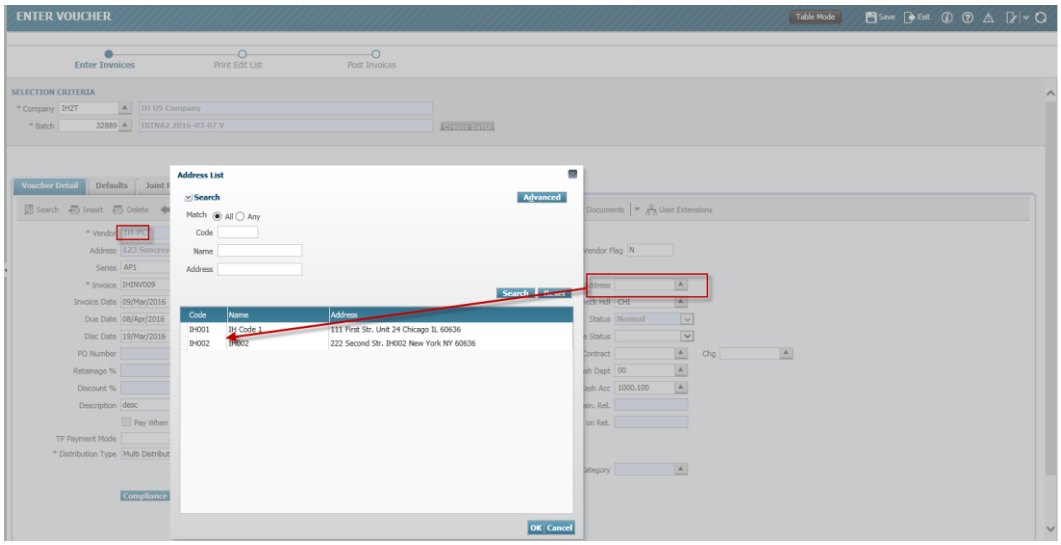
If the user manually types in any of the existing alternate address codes that do not have the “Remit To” flag checked (such as IH003 or IH004 for this example) and try to save the record the system will issue the validation error: “Only alternate address codes are allowed that are marked as Remit To”:



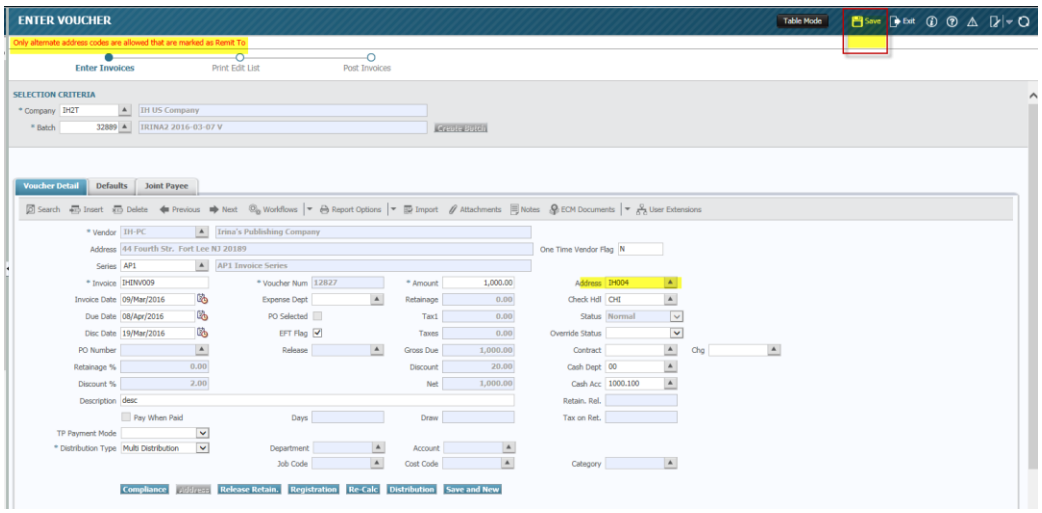
The same functionality will be demonstrated for AP Voucher Entry, AP Recurring Entry, and Enter Subcontract / Change Order further in this document.

Enter Voucher screen (Treeview path: Account Payable -> Voucher -> Enter Vouchers):

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”.

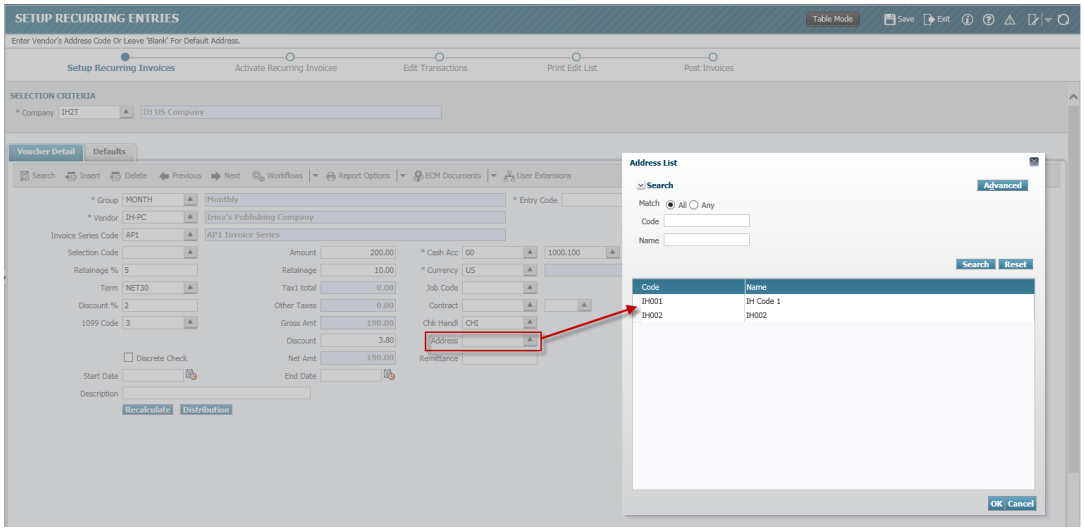


If the user types in an existing alternate address code that is not marked as “Remit To” (such as IH003 or IH004 for this example) and attempts to save the record the system will issue the validation error: “Only alternate address codes are allowed that are marked as Remit To”:

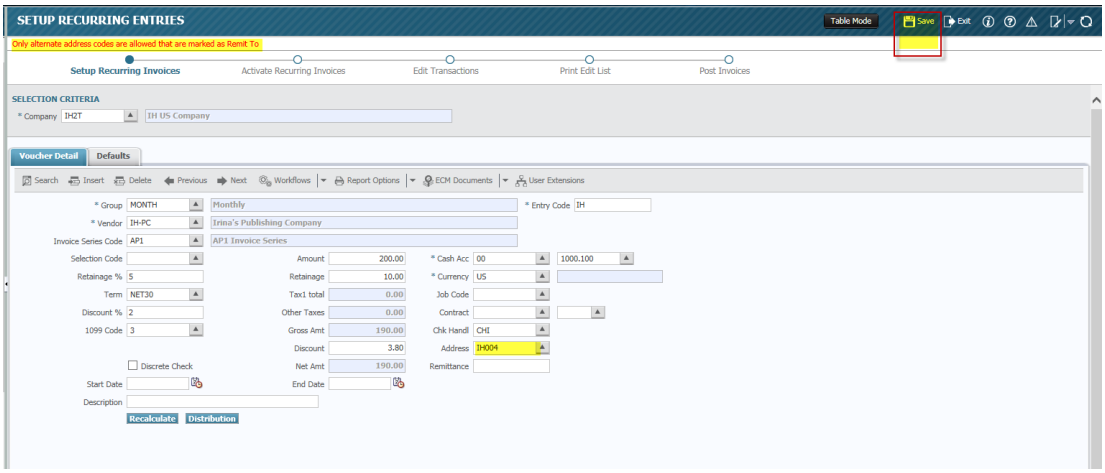


Setup Recurring Entries screen (Treeview path: Account Payable -> Voucher -> Process Recurring Entries):

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”.

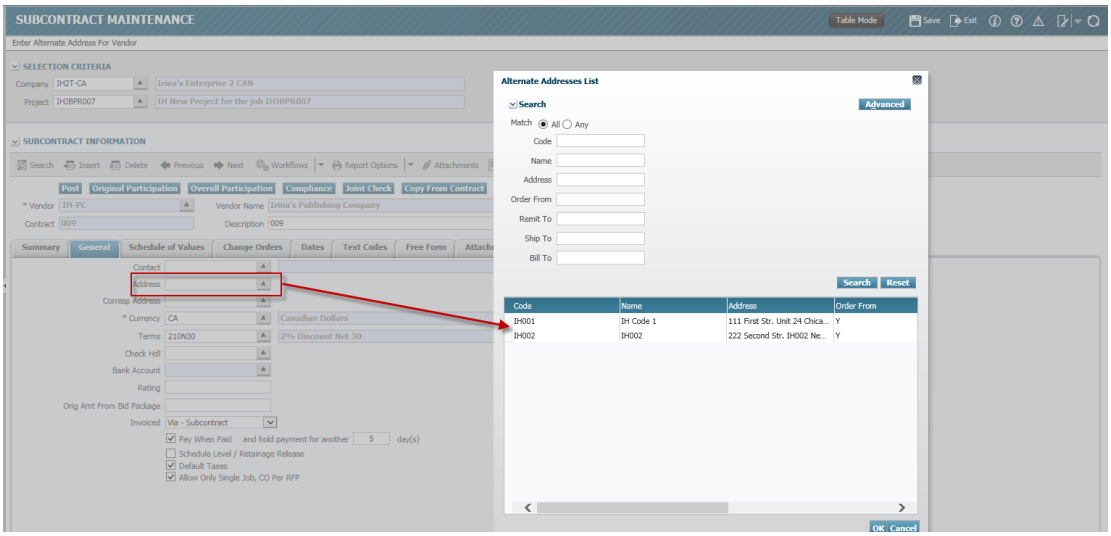


The print screen below demonstrates the validation error occurred when the user had tried to save a record with typed-in existing alternate address that is not marked as “Remit To” (“IH004” in this example).



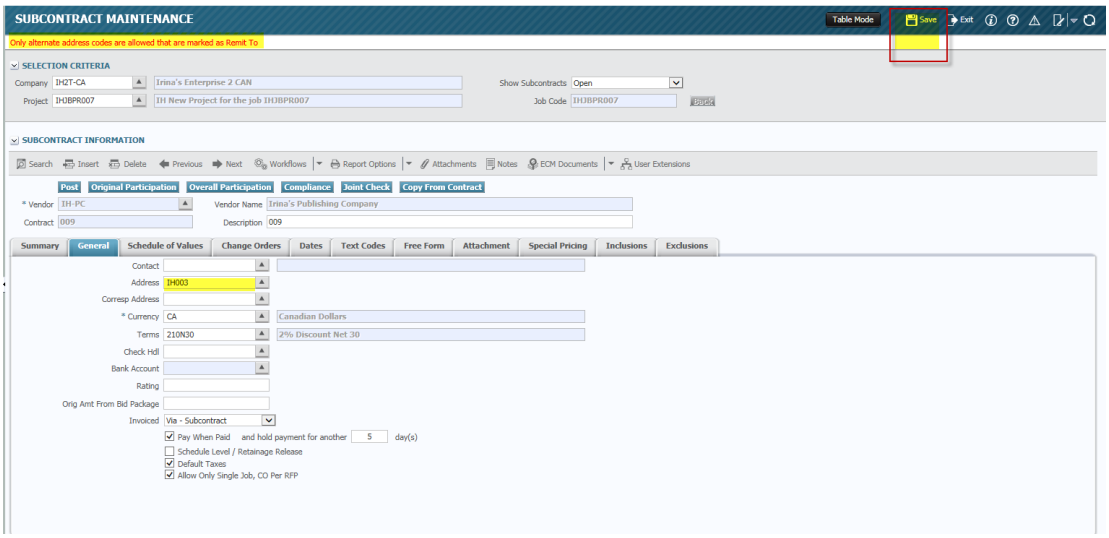
Subcontract Maintenance screen (Treeview path: Subcontract Management -> Contracts -> Enter Subcontract/Change Order):

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).



The same functionality has been introduced for the corresponding screens in FORMS (AP Invoice Registration Form; AP Voucher Entry Form; AP Recurring Voucher Setup Form; PM – Enter Subcontract/Change Order Form; Enter Subcontracts and Changes) and PM JSP Subcontract Entry screen.

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 for both ADF and FORMS would validate the List of Values for Alternate Addresses and display only the Alternate Addresses that are marked as "Remit To". The same functionality is also applicable to PM JSP Subcontract Enter screen.

In addition to the existing LOV validations the system issues 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”:

Override Unit Price on Receiver Entry Screen (15.07393)

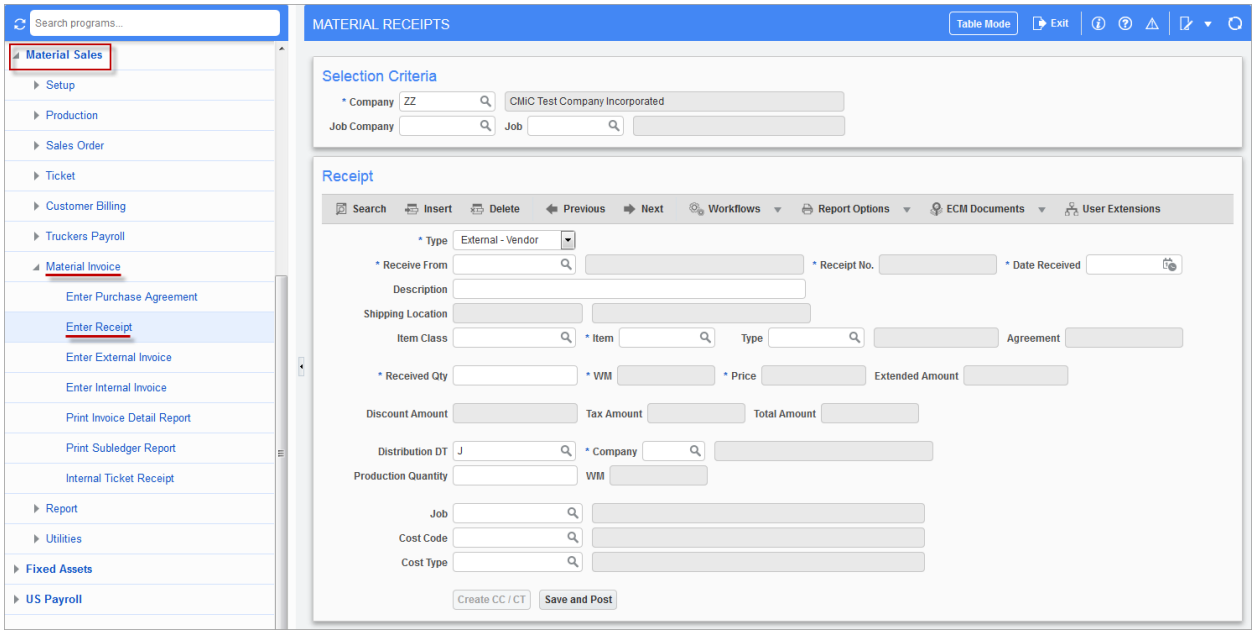
Overview:

CMiC has introduced a new privilege “MSMROPDPRC” to allow the user to override the Item Price field on Enter Receipt screen (APMATERIALRECEIPT). In the meantime, the changes described below are applicable to FORMS only.

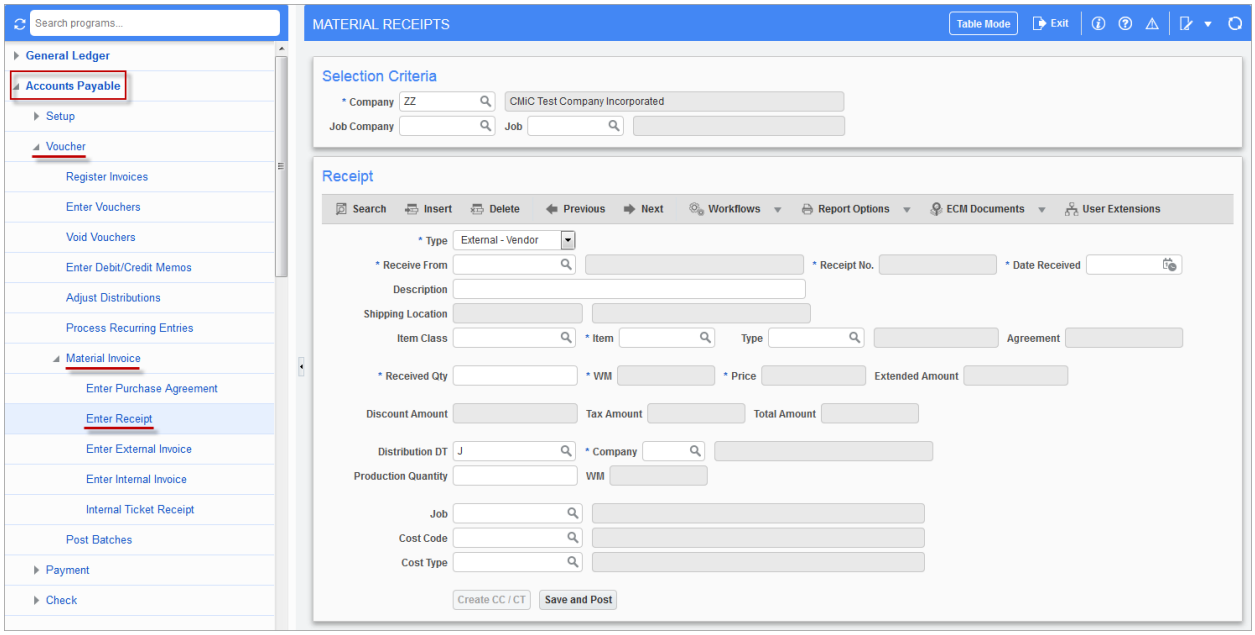
Settings and Examples:

1. The Enter Receipt screen could be accessed either from Material Management or Account Payable.

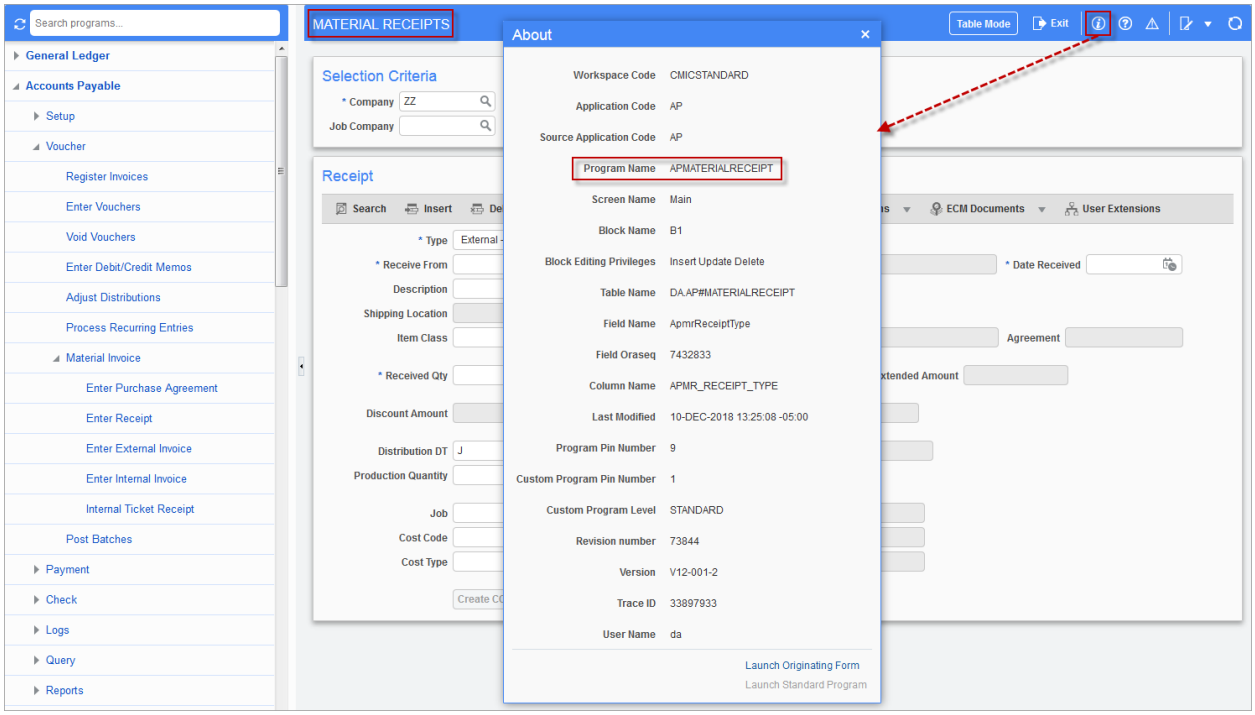
   To access the program from the Material Management:



To access the program from the Account Payable:

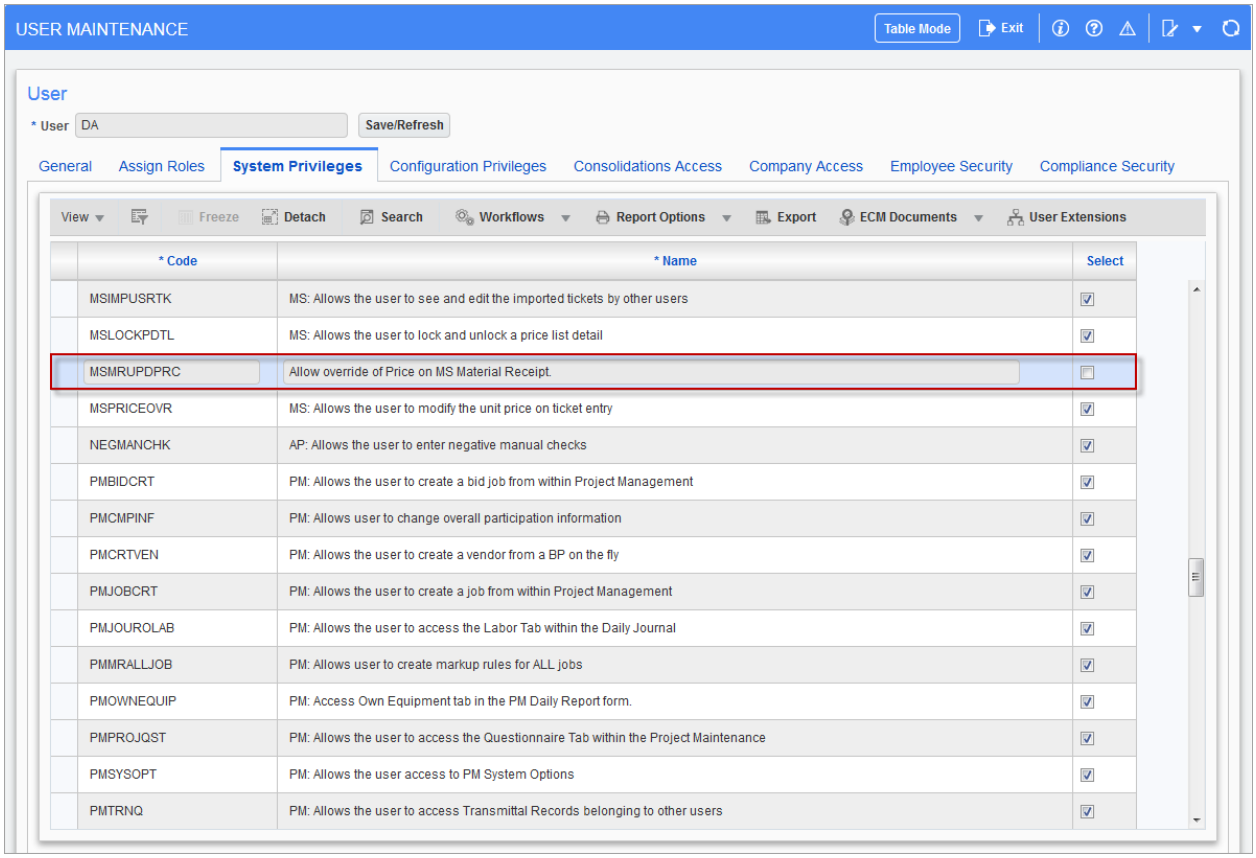


The both paths lead to the same form – APMATERIALRECEIPT:

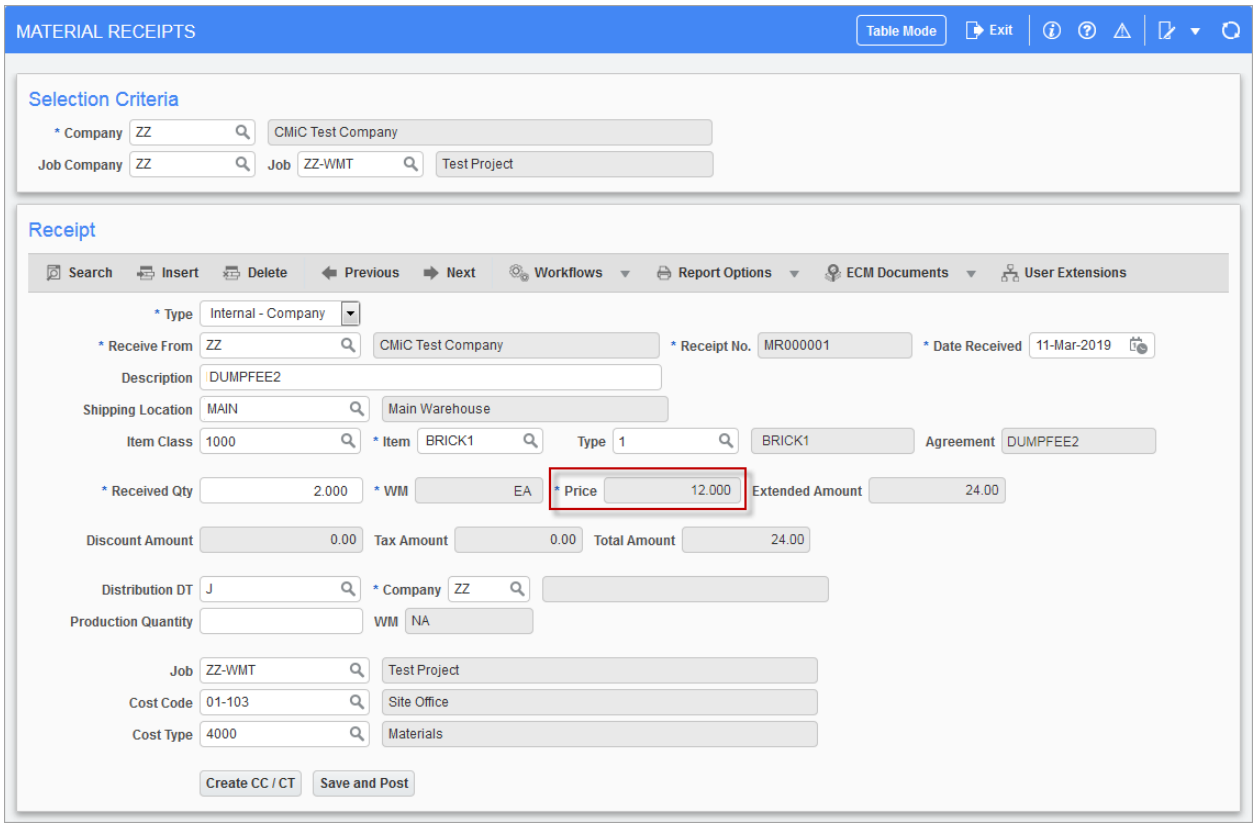


2. The new privilege “MSMROPDPRC” should be assigned to the user in order to enable him to override the price field on the receipt. Otherwise, the price field will be disabled.

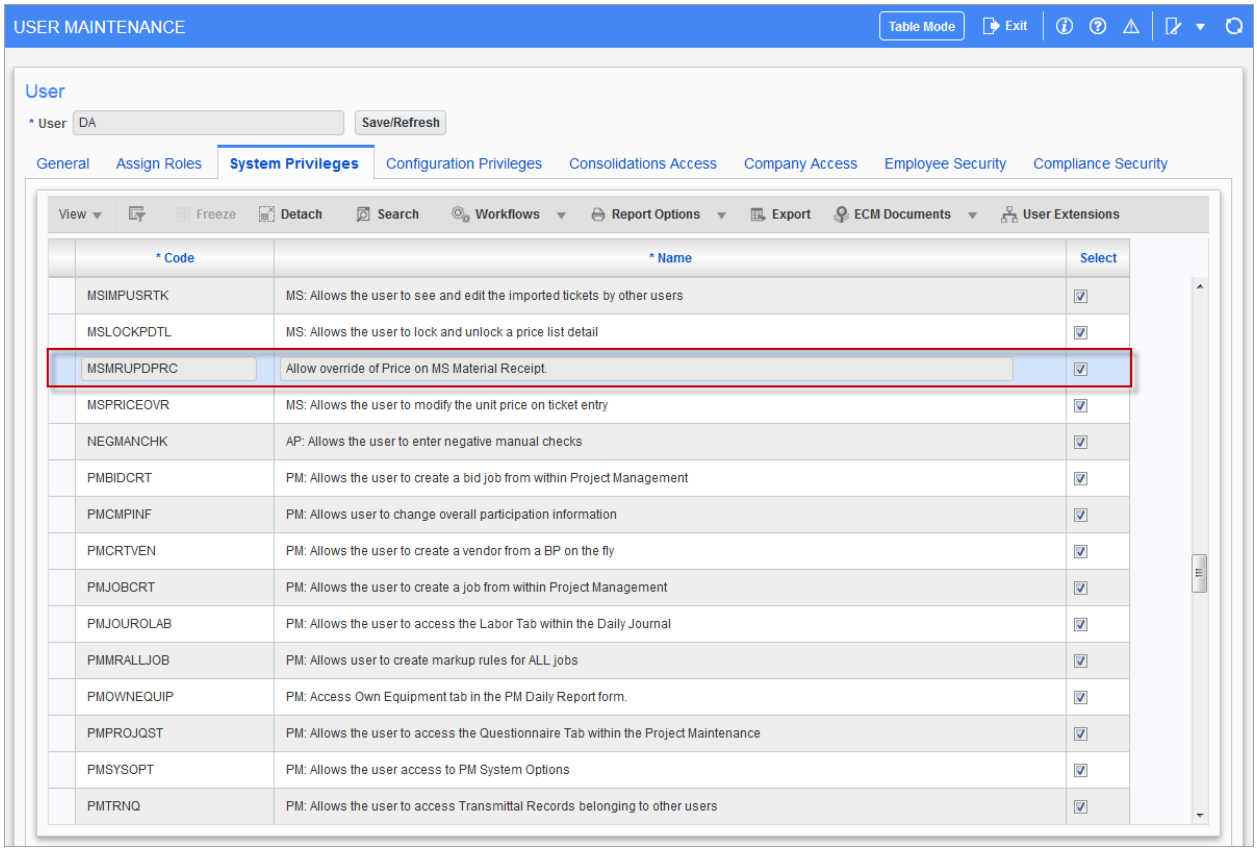
Example 2.1: The privilege “MSMROPDPRC” is not assigned to the user.



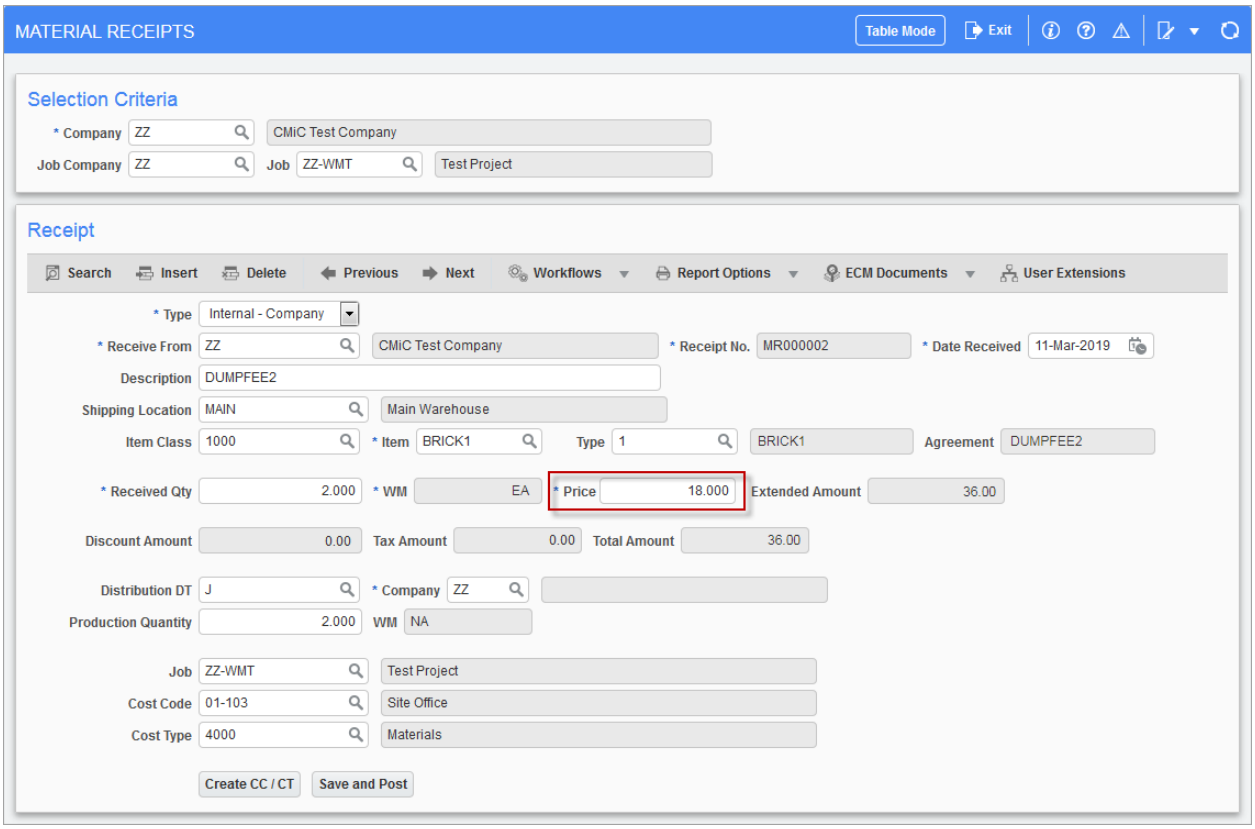
In this case the Price field on the Material Receipt Entry form is disabled and could not be overridden by the user:



Example 2.2: The privilege “MSMROPDPRC” is assigned to the user.



In this case the Price field on the Material Receipt Entry form is enabled and could be overridden by the user:



New functionality summary:

The new privilege “MSMROPDPRC” allows the user to override the Item Price field on Enter Receipt screen (APMATERIALRECEIPT).

Select Payments Neglects to Remove Invoices (16.16305)

Overview:

CMiC has modified the Payment Selection program and add a new alert message that would display the total amount and the invoices remaining in the Payment Selection Code. This new alert message will only be displayed if the payment selection includes the Vouchers with posting date after the payment date, and the user decides to exclude these vouchers from the Payment Selection. The changes are applicable only to the FORMs.

Summary:

The AP payment selection program has been modified. The new alert message has been introduced. If the Payment Selection Code has included the vouchers that have their posting date after the payment date and the user decides to remove those vouchers from the payment selection, the new message displays the number and total amount of the remaining vouchers.

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:

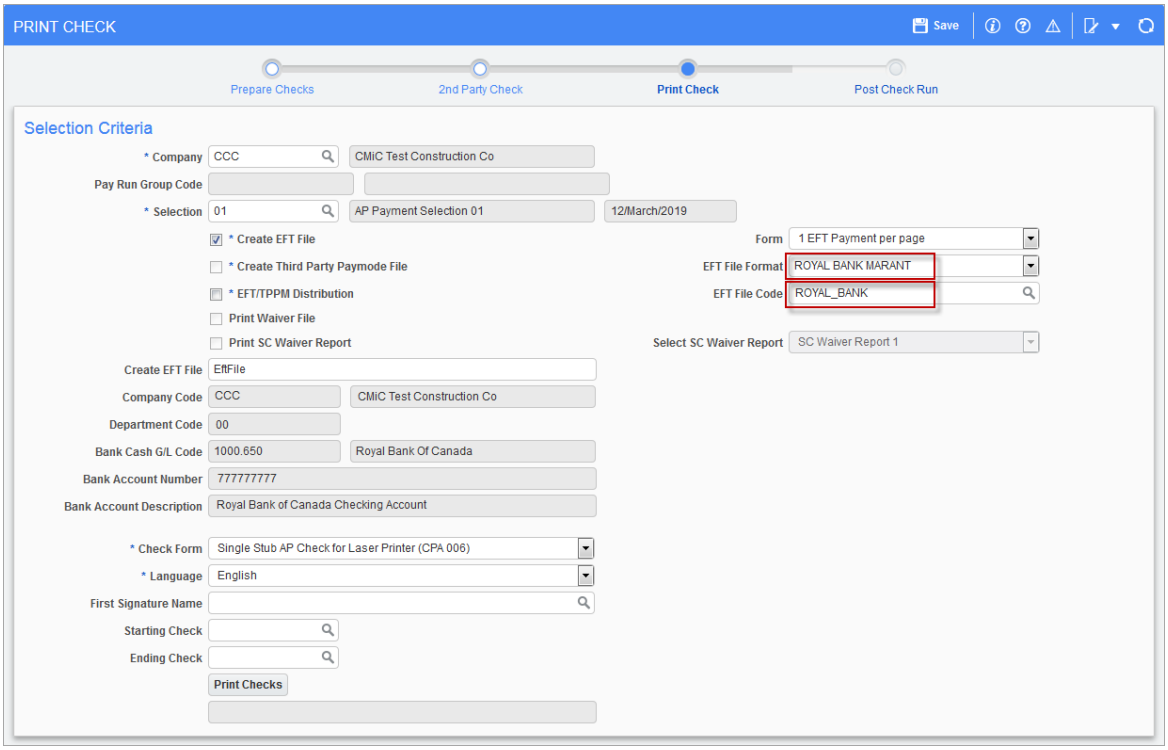
Detail records are NOT required for: Pay Only Transactions, Disbursement Auditor or Payee Match {Services A, H, O, P, S, U}

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

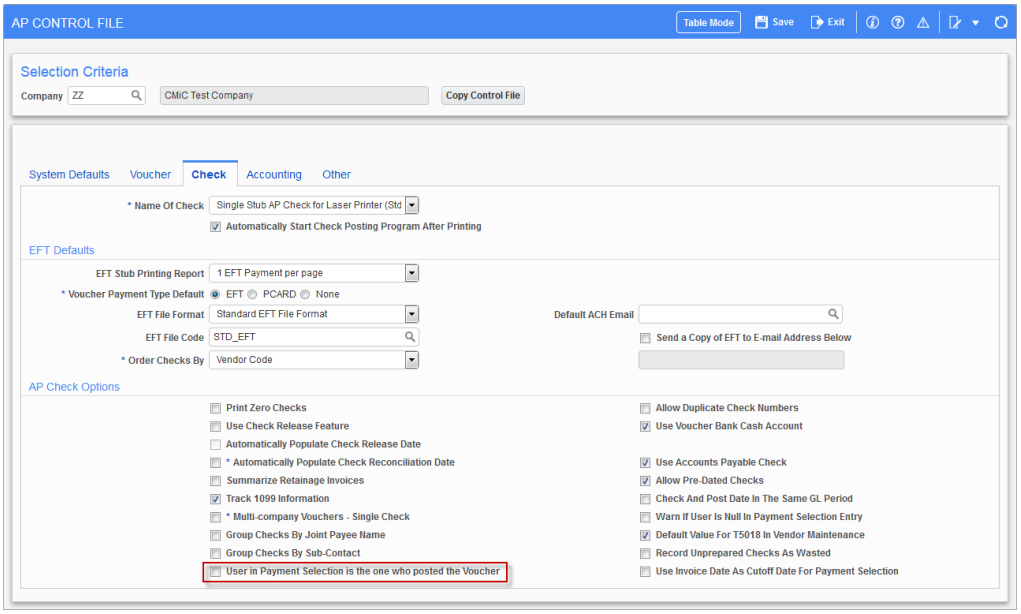
Total fields in detail record = 8, Total length of detail record = 188

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:



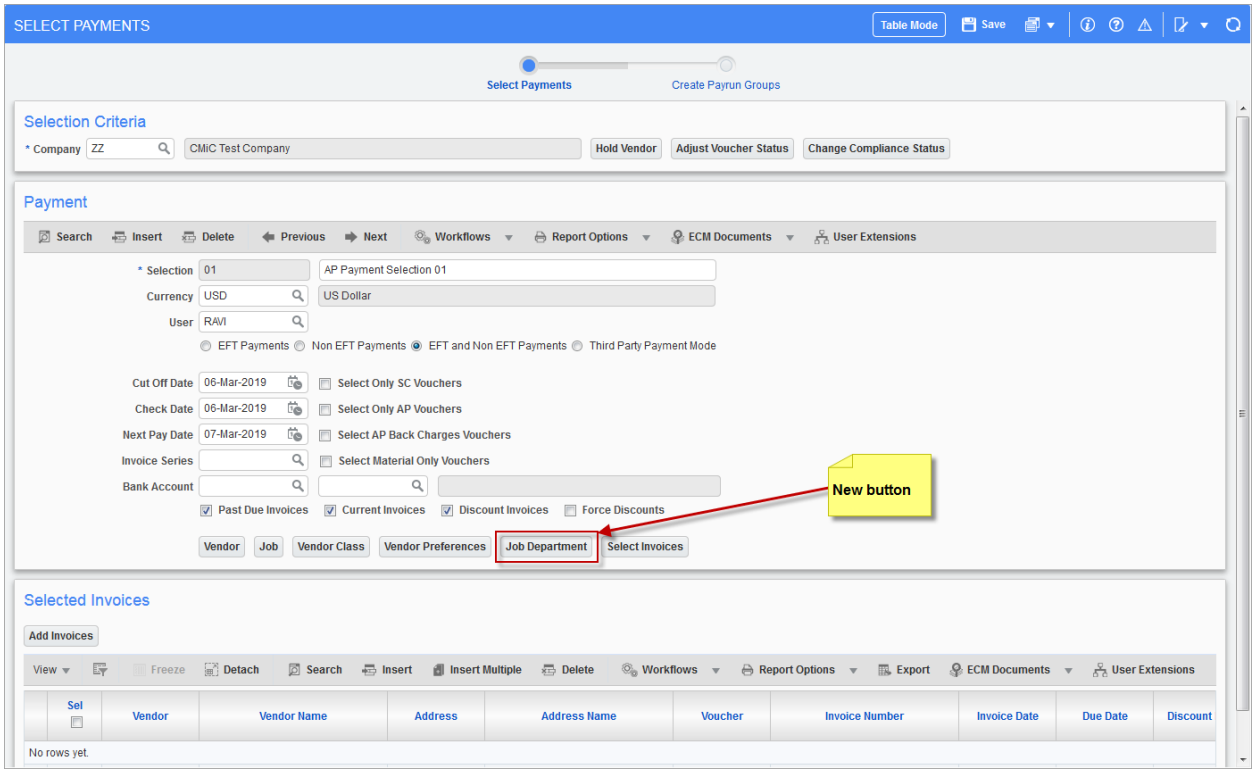
AP: Select Payment Enhancement (16.16218)

1. 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 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.

2. 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.

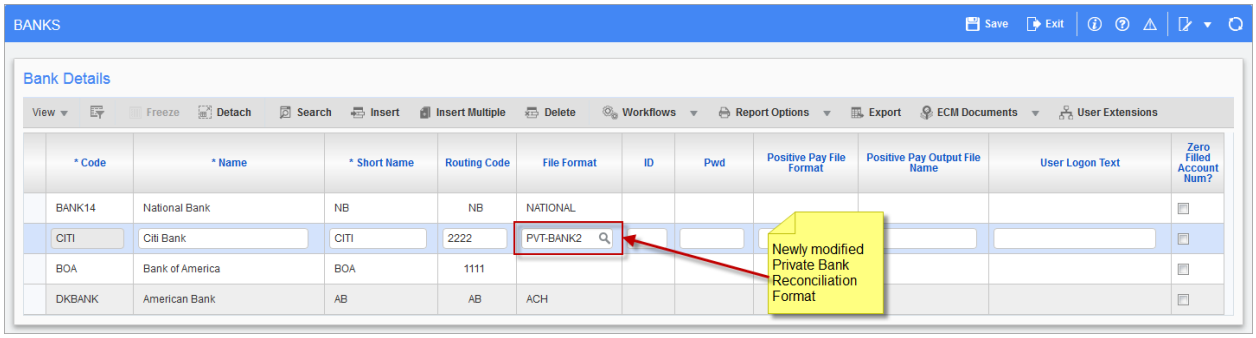
Change to Private Bank Upload Format (16.19118)

Overview:

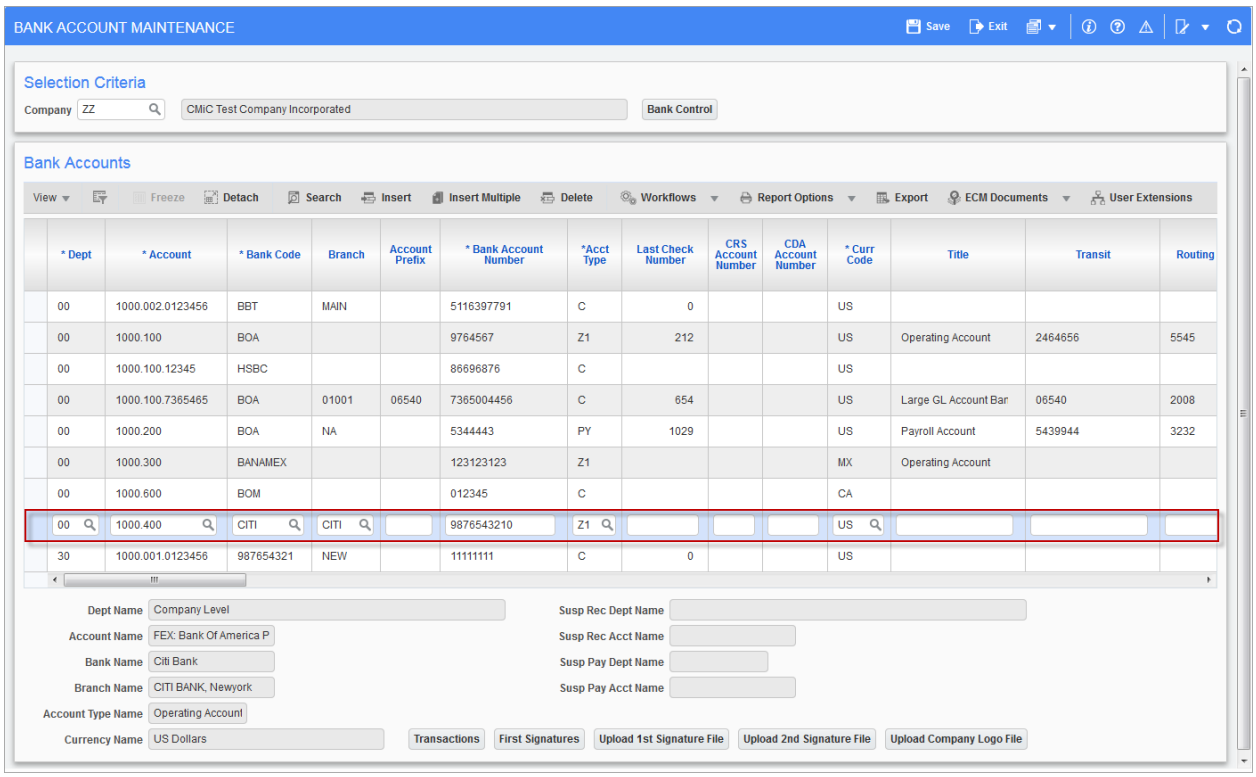
CMiC has modified the existing Private Bank Format for the Bank Reconciliation file according to the provided specification to comply with Private Bank's modified Trailer Record format.

Settings:

The CITI Bank was set up to have the modified Private Bank Reconciliation Format (PVT-BANK2):



The Company ZZ is setup to have GL account 1000.400 associated with CITI Bank:



The Modified Private Bank Format for Bank Reconciliation:

Format 4

Modified Format 4 with expanded Trailer Record Totals Field

This format is the standard format used for paid only items.

Transmissions have a record size of 80. Positions 57 through 80 are filled with spaces. PC transmissions are sent in ASCII, not EBCDIC.

Record size = 56, Block size = 1680. EBCDIC. Record Format = FB.

Note: The revised field formats are listed in the red squares.

Field #	*Positions*	*Length*	*Characteristics*	*Description*
Detail Record				
001	001 - 010	10	Numeric Pic 9(10)	Account Number
002	011 - 020	10	Numeric Pic 9(8)V99	Check Amount
003	021 - 030	10	Numeric Pic 9(10)	Check Serial Number
004	031 - 036	6	Numeric Pic 9(6)	Date Paid (MMDDYY)
005	037 - 056	20	Alph/Numeric Pic X(20)	Customer Information User Defined
Trailer Record				
001	001 - 010	10	Numeric Pic 9(10)	Account Number
002	011 - 020 011-025	10 15	Numeric Pic 9(8)V99	Total Amount
003	021 - 026 026-031	6	Numeric Pic 9(6)	Total Item Count
004	027 - 032 032-037	6	Numeric Pic 9(6)	Processing Date (MMDDYY)
005	033 - 042 038-047	10	Numeric Pic 9(10)	Filler–Nines (9)
006	043 - 056 048-061	14	Alpha/Numeric Pic X(14)	Filler–Blanks/Spaces

Summary:

CMiC has modified the existing Private Bank Format according to the provided specification to comply with Private Bank's modified Trailer Record format. The reconciliation functionality remained intact.

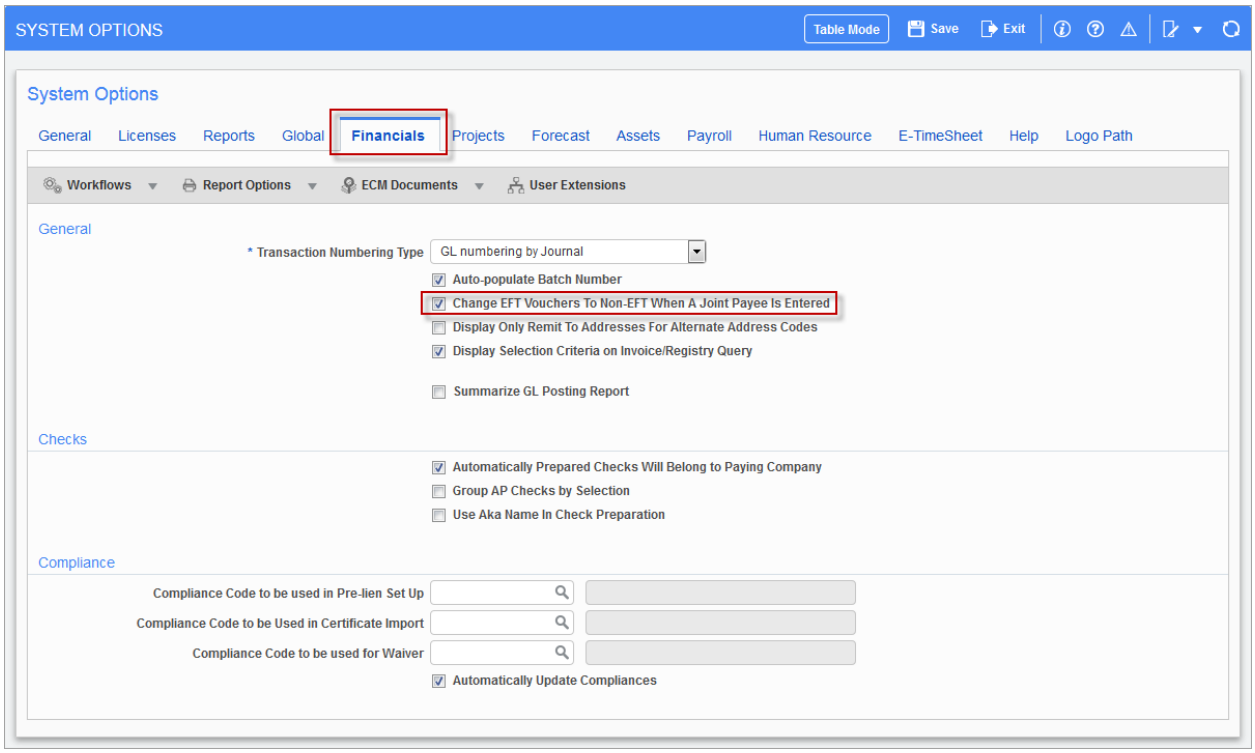
Joint Checks and EFT (16.15972)

Overview:

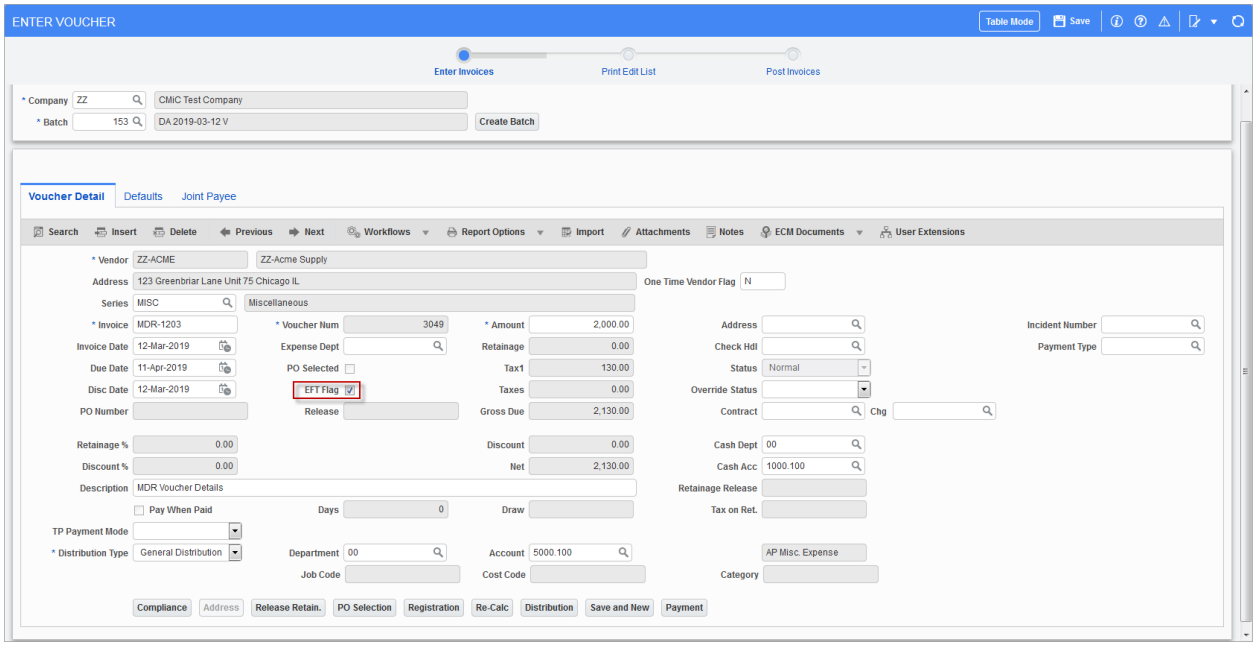
CMiC has modified the System Options program and add a new flag "Change EFT Vouchers To Non-EFT When A Joint Payee Is Entered". If this option is checked, the system will update the EFT Flag on the voucher and make it Non-EFT if the Joint Payee has been defined.

Settings and Examples:

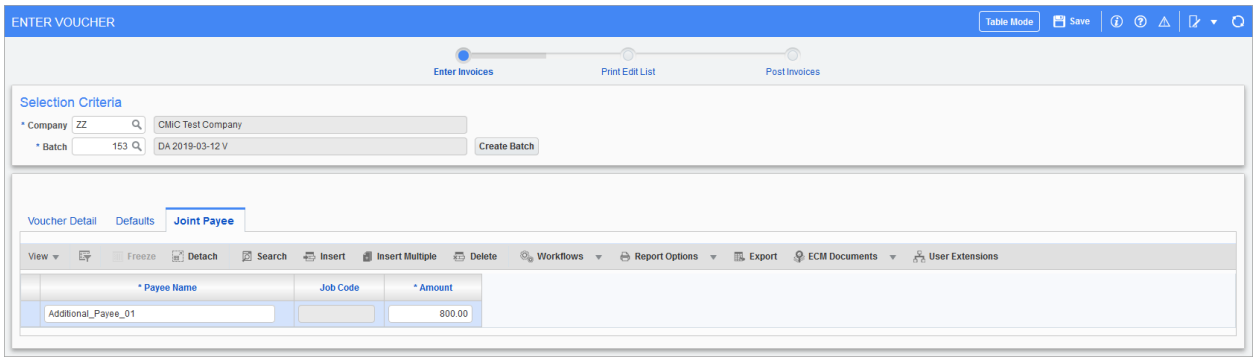
The new flag is added to the System Options:



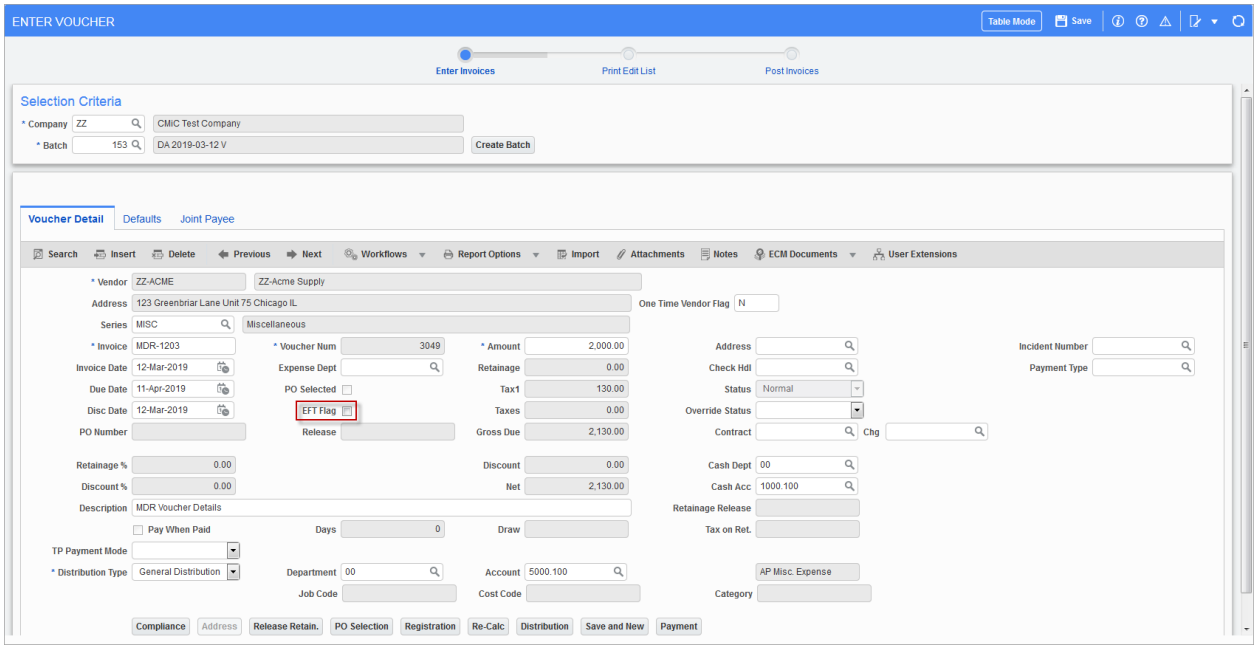
Create EFT voucher; distribute:



Define additional payee and Save:



As the result of adding joint payee the EFT flag on the Voucher Detail tab gets unchecked automatically.



Please note that if the user checks off the EFT flag again and clicks the Save or Distribution/Accept buttons, the EFT flag gets unchecked again. Clicking Post Invoices will also uncheck the EFT flag.

Then the voucher is treated as a non-EFT voucher with joint payees.

If the flag in the System Option is unchecked the system behaves as before the changes.

Summary:

CMiC has introduced the new flag "Change EFT Vouchers To Non-EFT When A Joint Payee Is Entered" in the System Options. When this flag is checked off, the system will uncheck the EFT Flag on the voucher if the Joint Payee has been defined; then the voucher will be treated as NON-EFT.

Positive Pay Format for First Bank (16.21664)

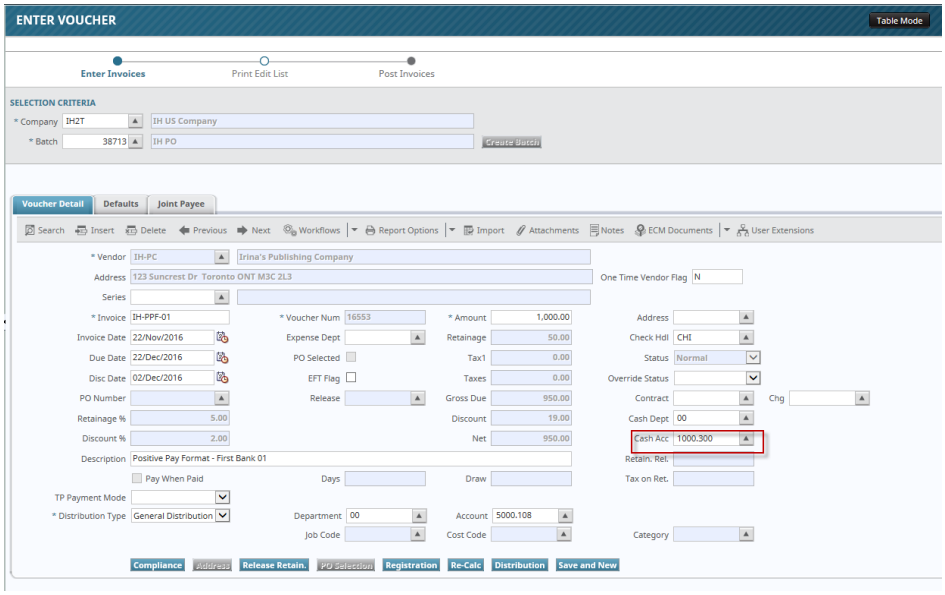
Overview:

CMiC has created a new AP Positive Pay Format for First Bank per the format provided:

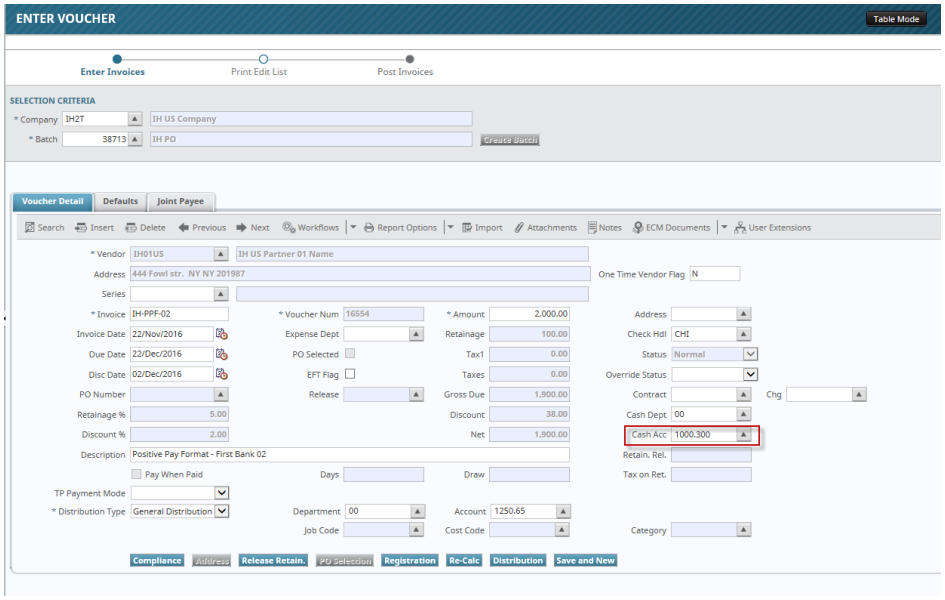
<Account Number>, <Payment Amount>, <Check Date>, <Check Payee Name>, (the last character of each line is coma).

Settings and Examples:

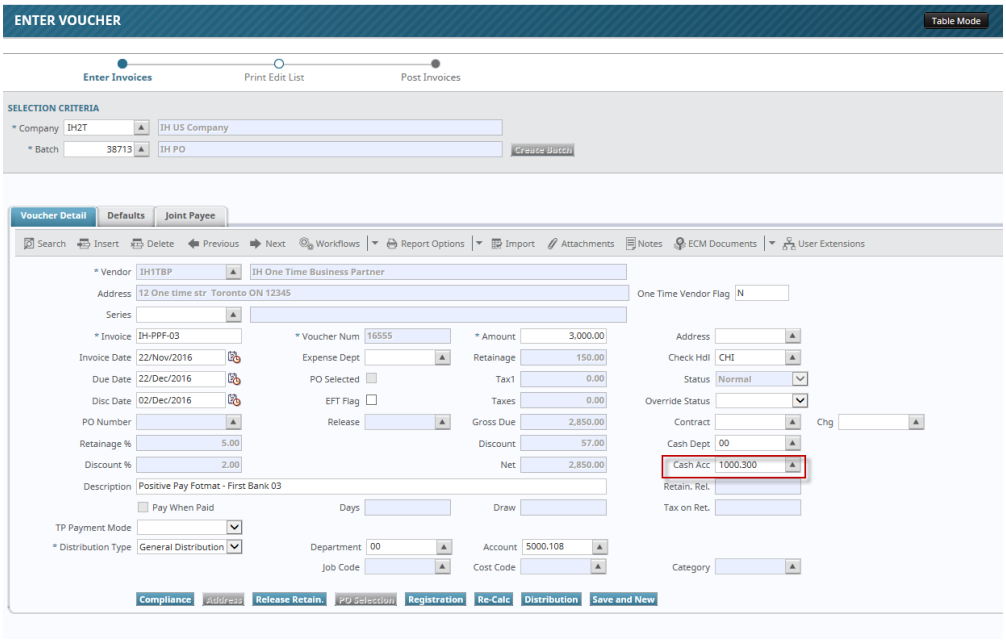
1. 3 vouchers have been created:
   a.



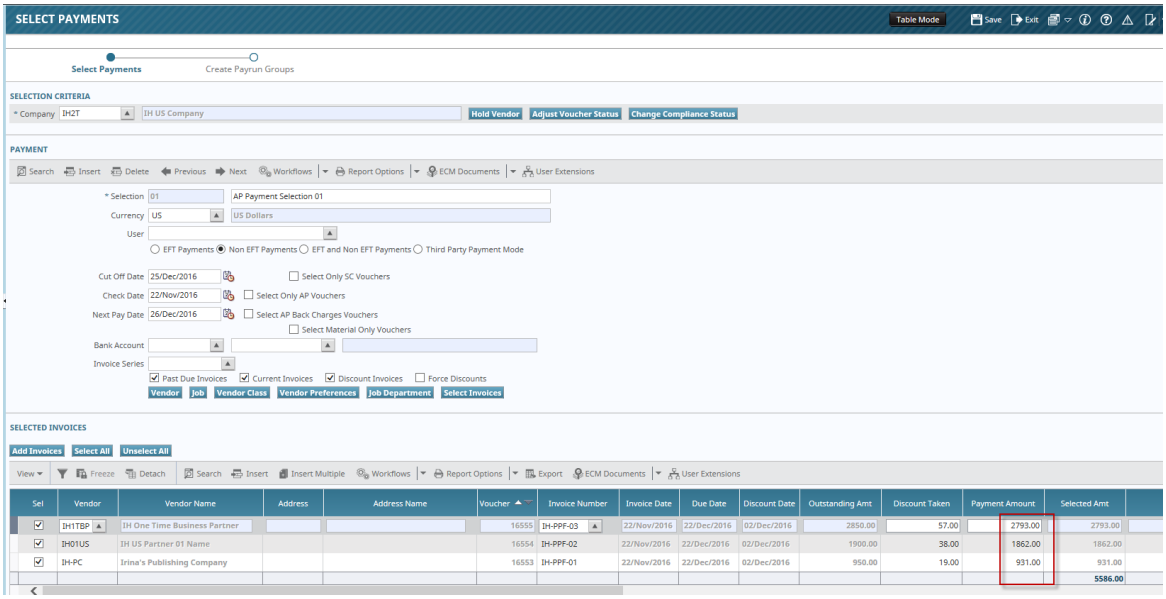
   b.



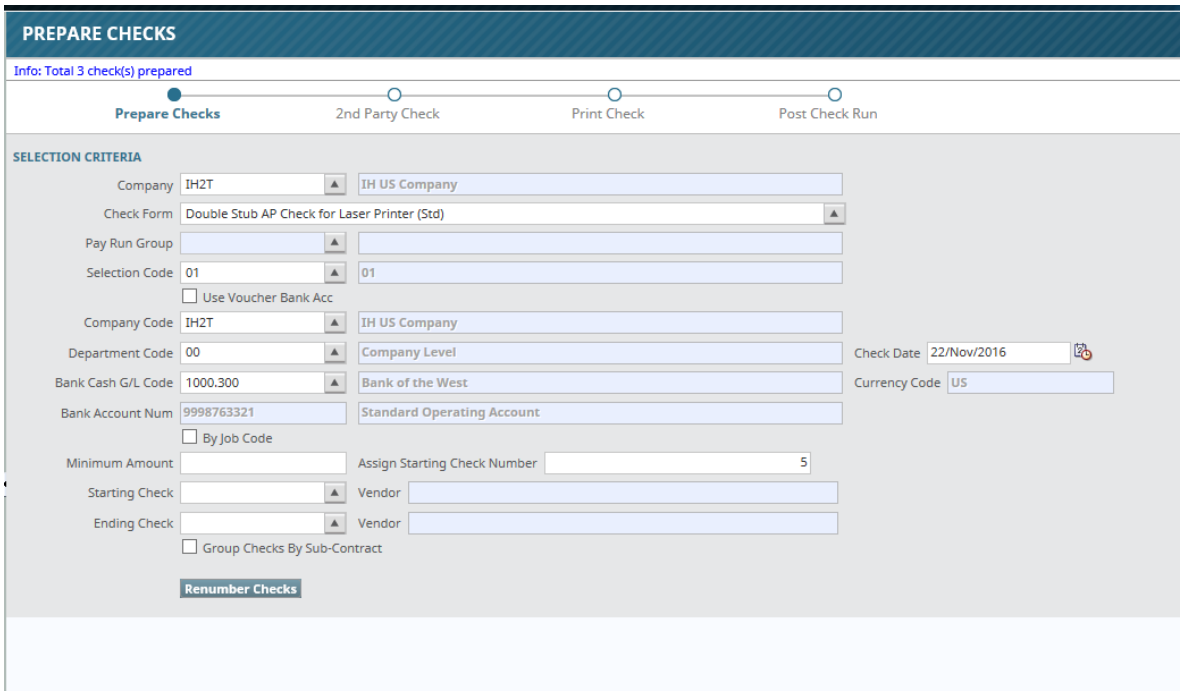
c.



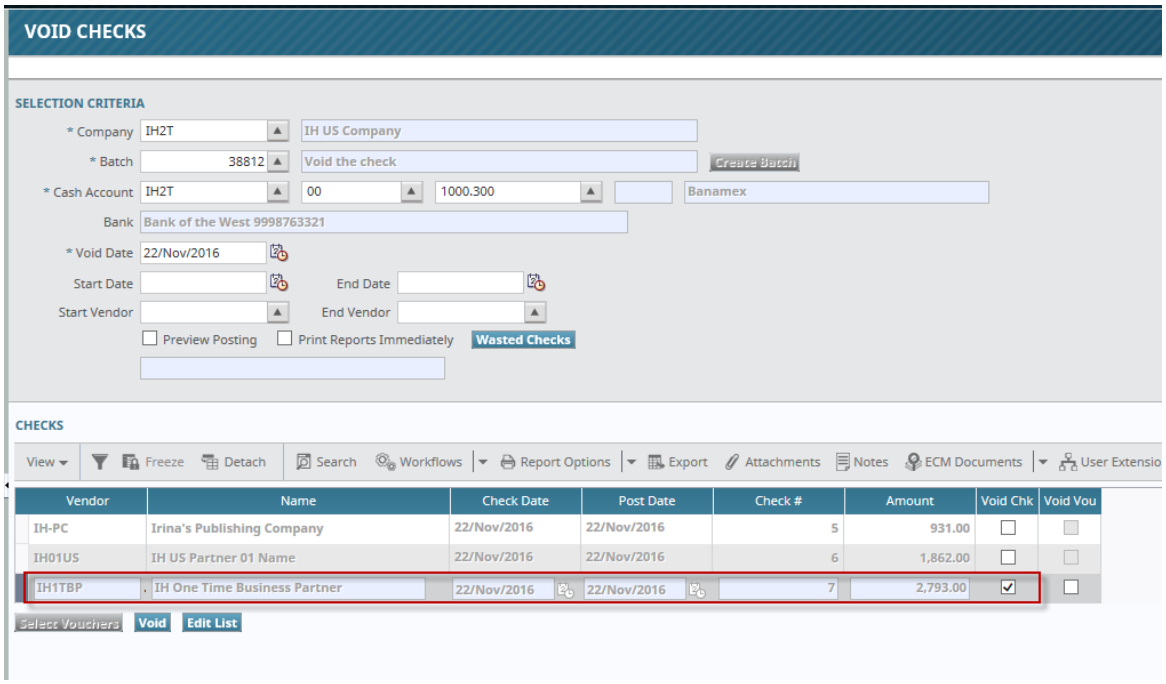
2. Select Payment (the screen below allows to verify the payment amount per vendor: $2793.00 for the Vendor IH1RBP; $1862.00 for the Vendor IH01US; $931.00 for the Vendor IH-PC):



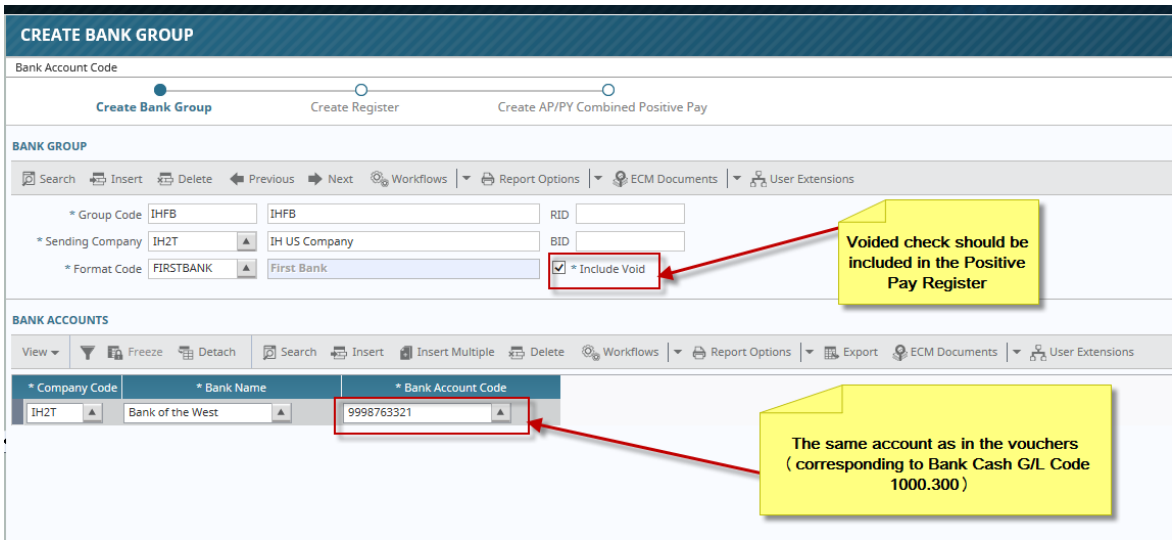
3. Prepare 3 checks and Post the Check Run:



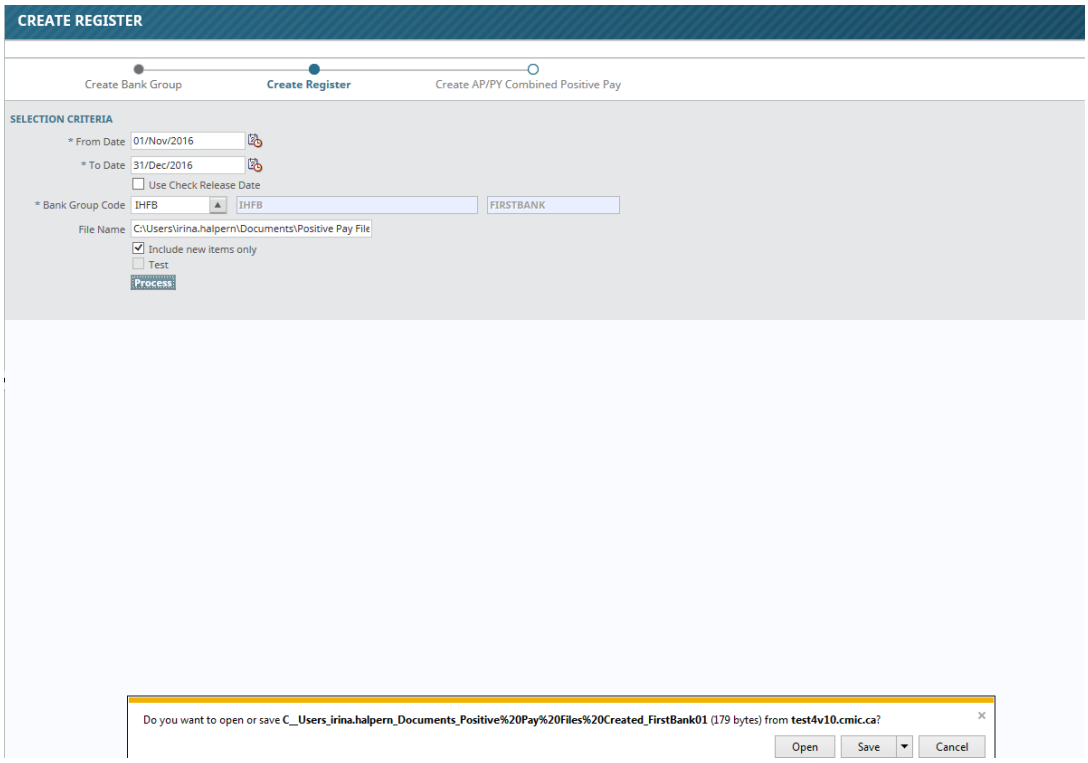
4. In order to verify the functionality of the AP Positive Pay Register for the new format we will void one of the check (for the Vendor IH1TBP for the sum of $2,793.00):



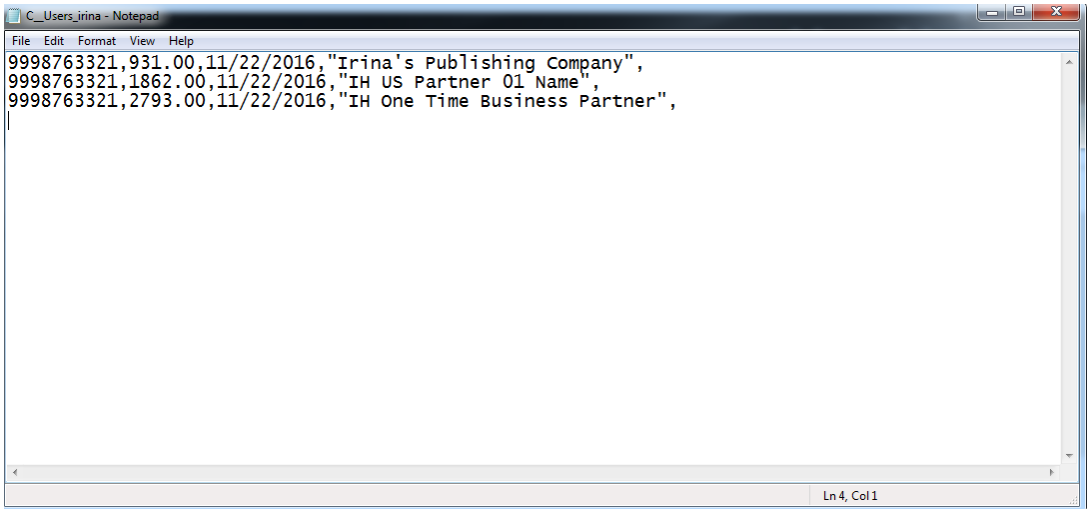
5. Create a Bank Group for the created new Format FIRSTBANK and the bank account used for the prepared vouchers (Account Payable -> Check -> Positive Pay Register):



6. Create the Register:



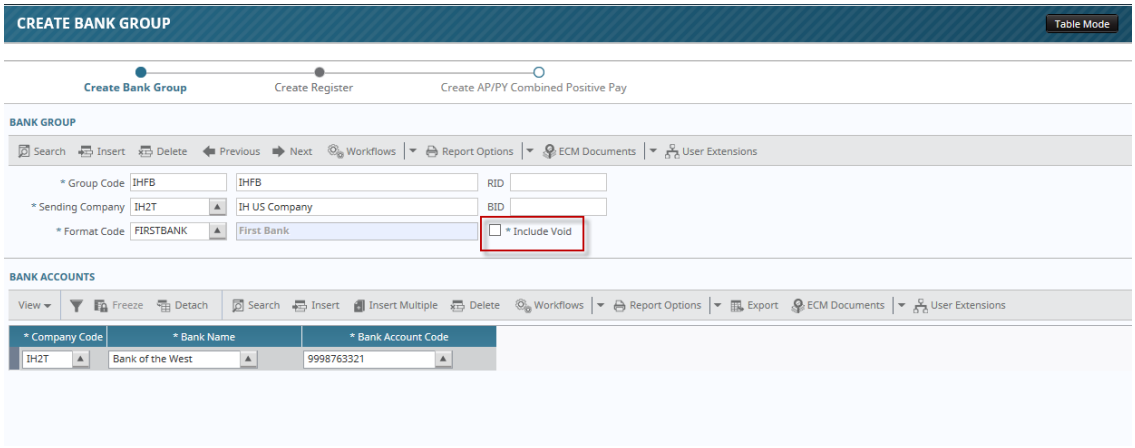
7. The following csv file has been created:



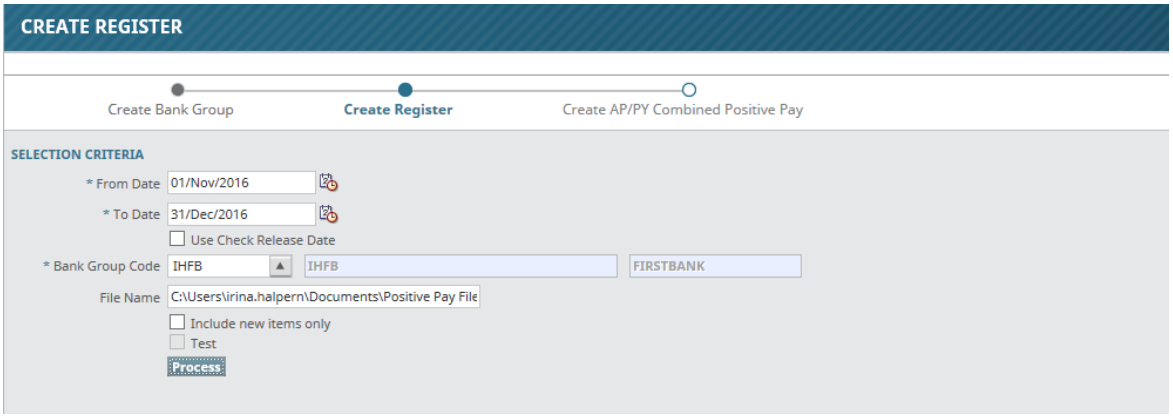
The File Format corresponds to the requested format (Account Number, Amount, Check Date, Check Payee Name).

Note: The void check (payment of $2793.00) is included in the csv file because the flag “Include Void” was checked off during Bank Group creation.

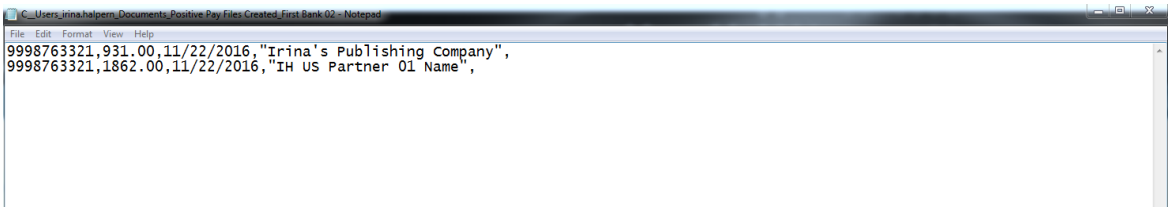
8. Modify The Bank Group to exclude the void checks:



9. Create Register again (uncheck the flag “Include new items only”):



10. The resulting csv file has only 2 records – the void check payment is not included in the file:



Summary:

A new AP Positive Pay Format for First Bank has been created according to the new format provided. Each record (line) in the file consists of:

<Account Number>, <Payment Amount>, <Check Date>, <Check Payee Name>, (the last character of each line is coma).

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

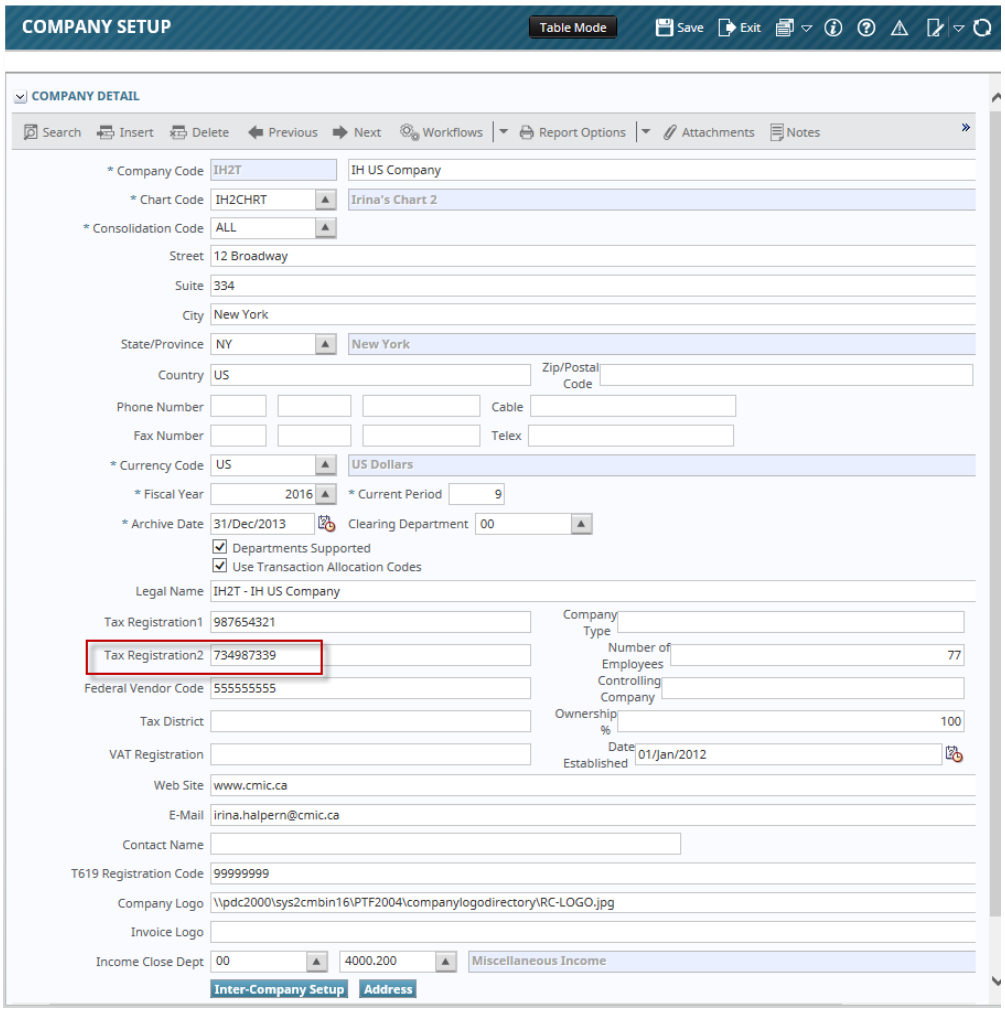
Overview:

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.

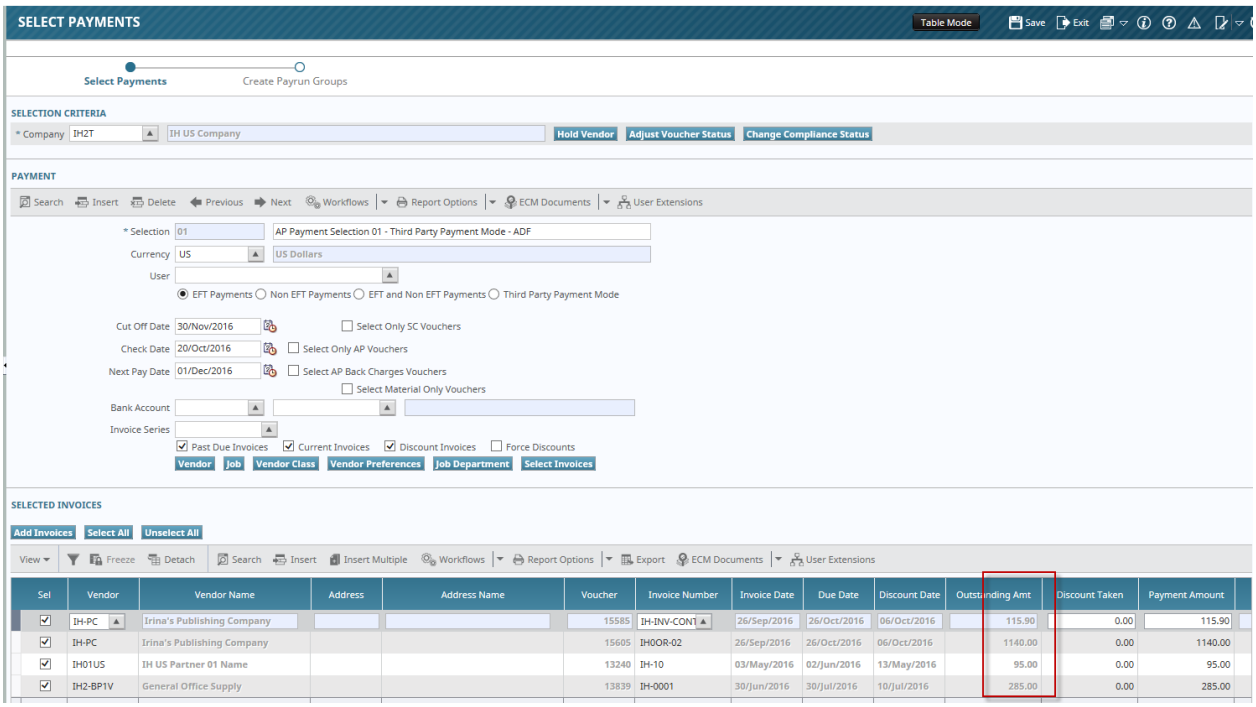
Settings and Examples:

ADF:

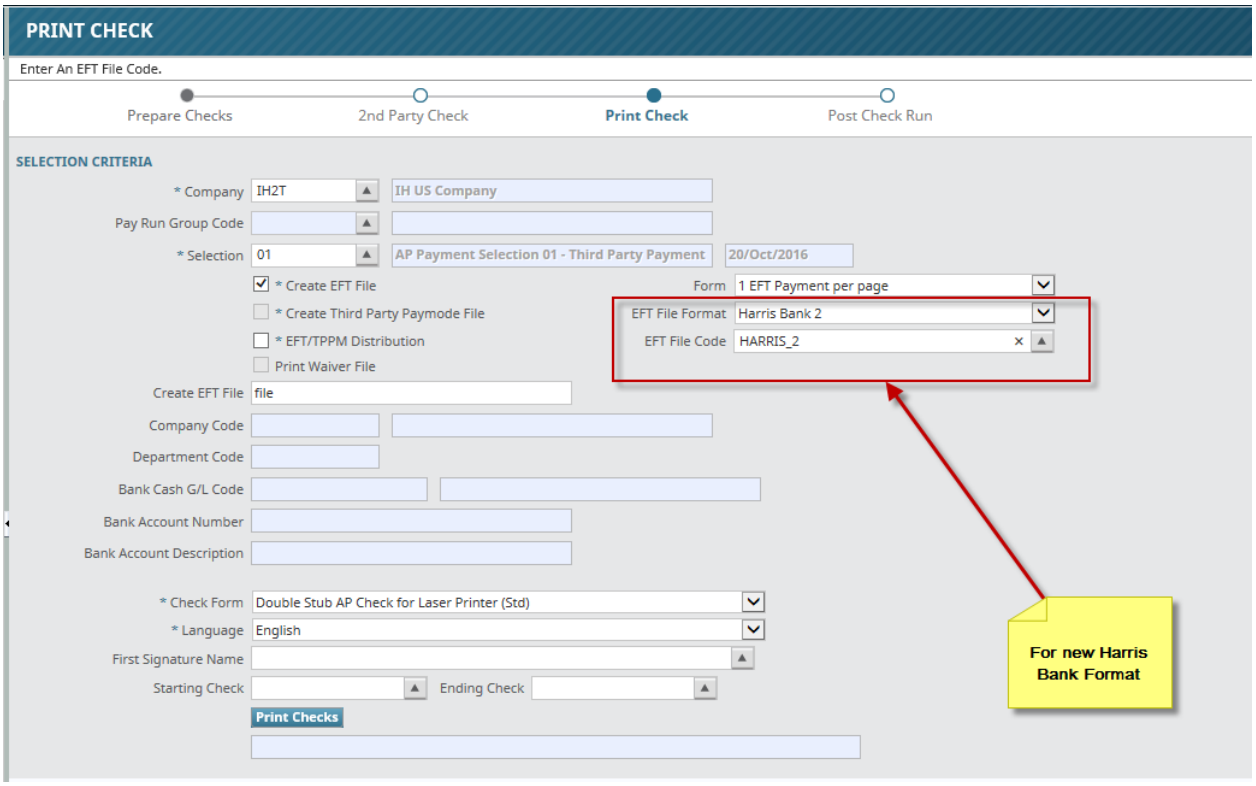
1. Set Company ID (Company ID is populated from Tax Registration2 field):



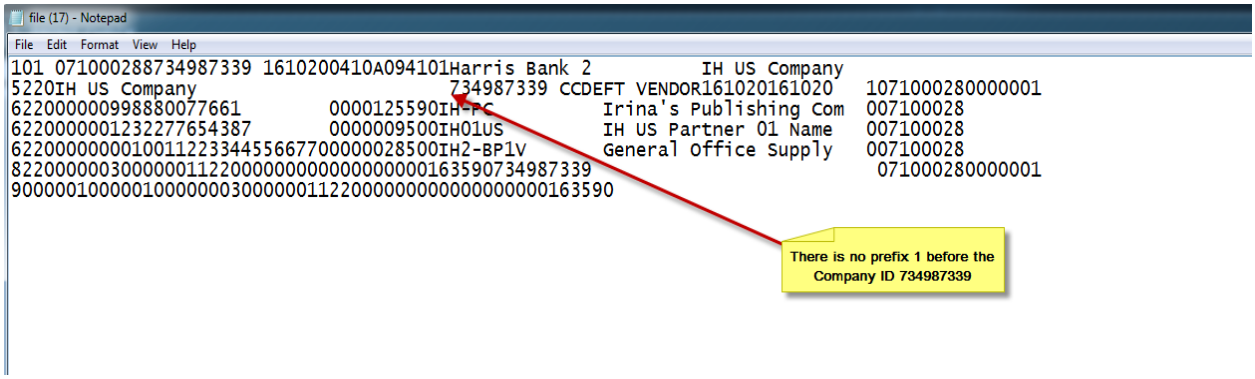
2. Select Payments:



3. Prepare and Print the Check:



EFT file:



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 Payments via ACHEFT (16.23404)

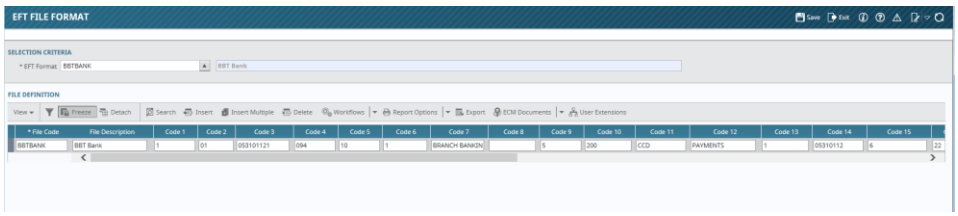
Overview:

CMiC has created a new EFT Format for BB&T Bank per the specification attached to the issue. While the modifications are available in Forms as well as in ADF.

Settings and Examples:

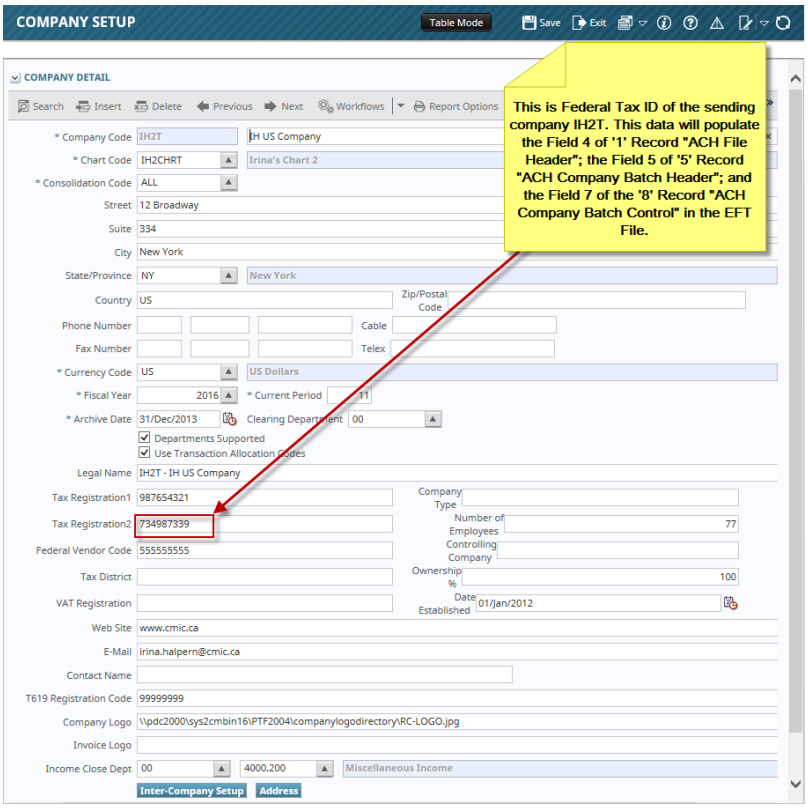
ADF:

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

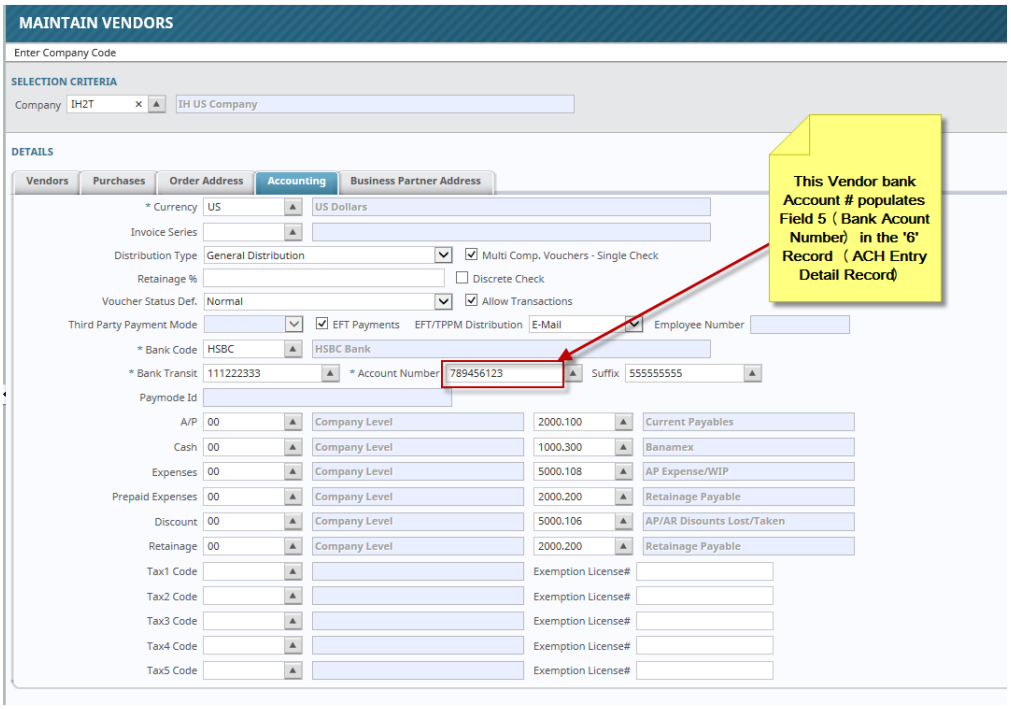


Three different vendors are used in the examples below. The EFT file created by the system is populated with data from the company and vendors' settings.

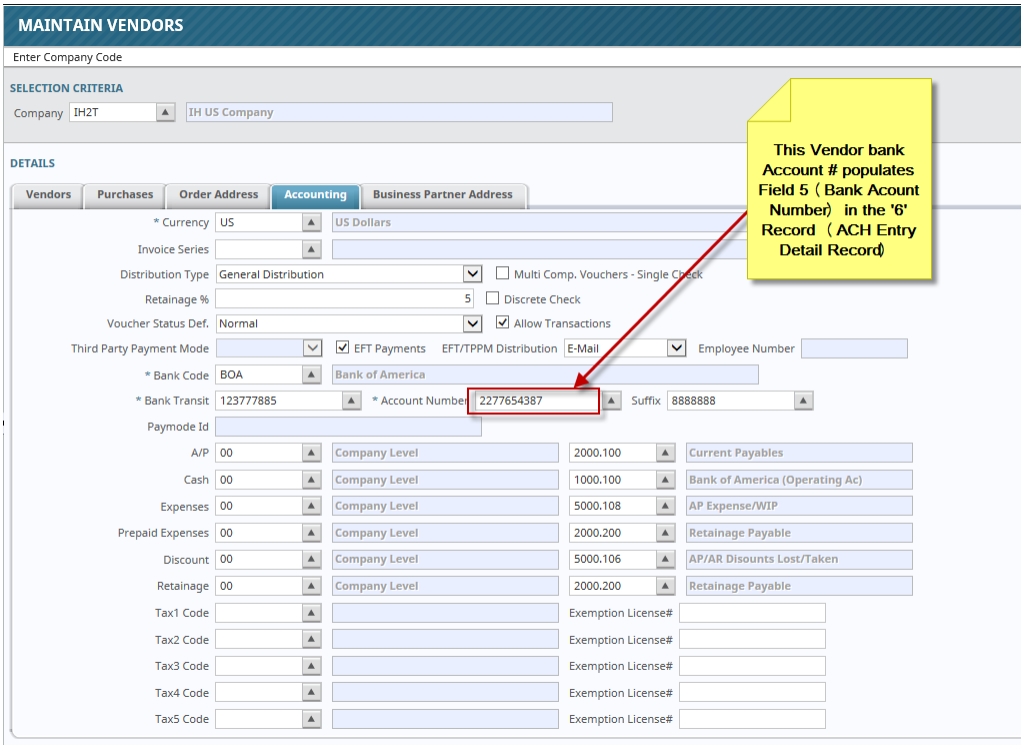
1. Company IH2T setting:



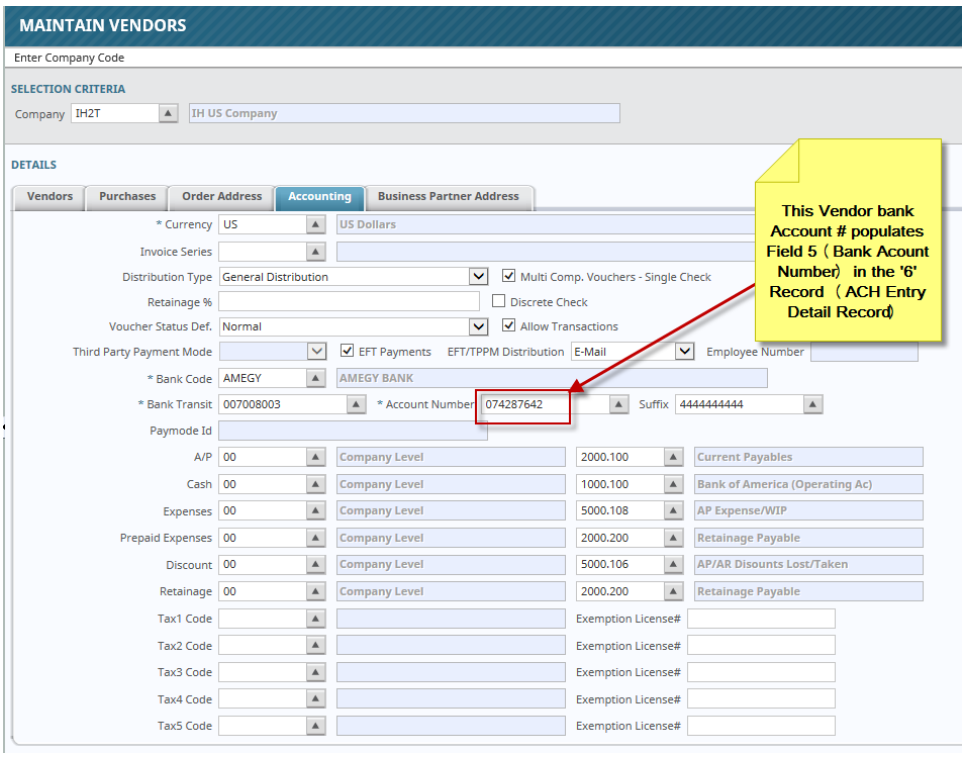
2. Vendor IH-PC setting:



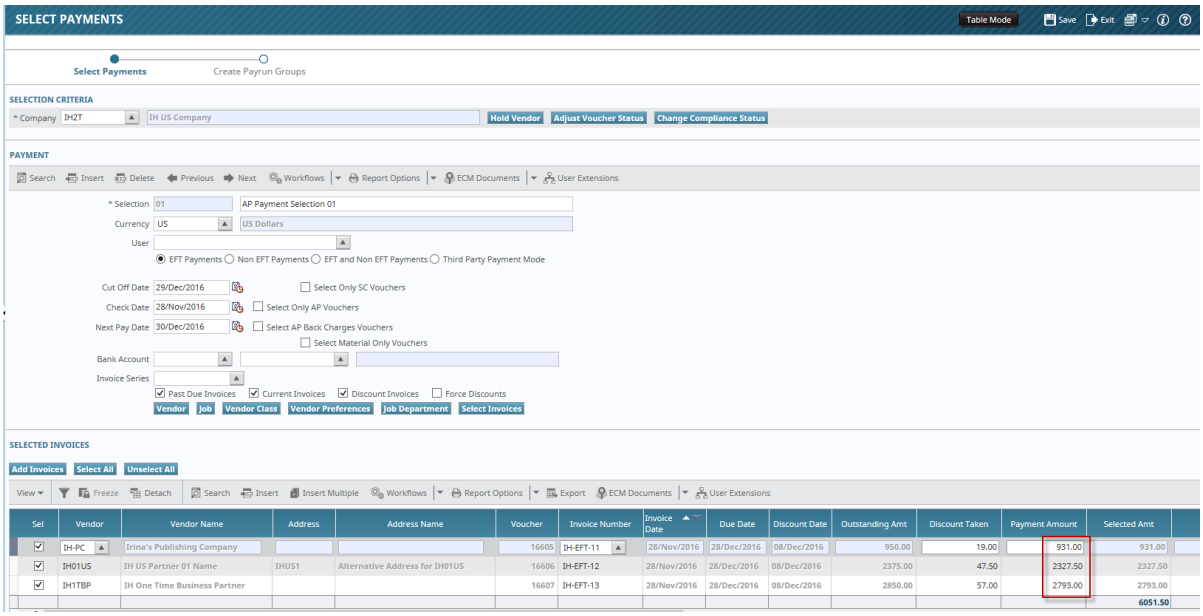
3. Vendor IH01US setting:



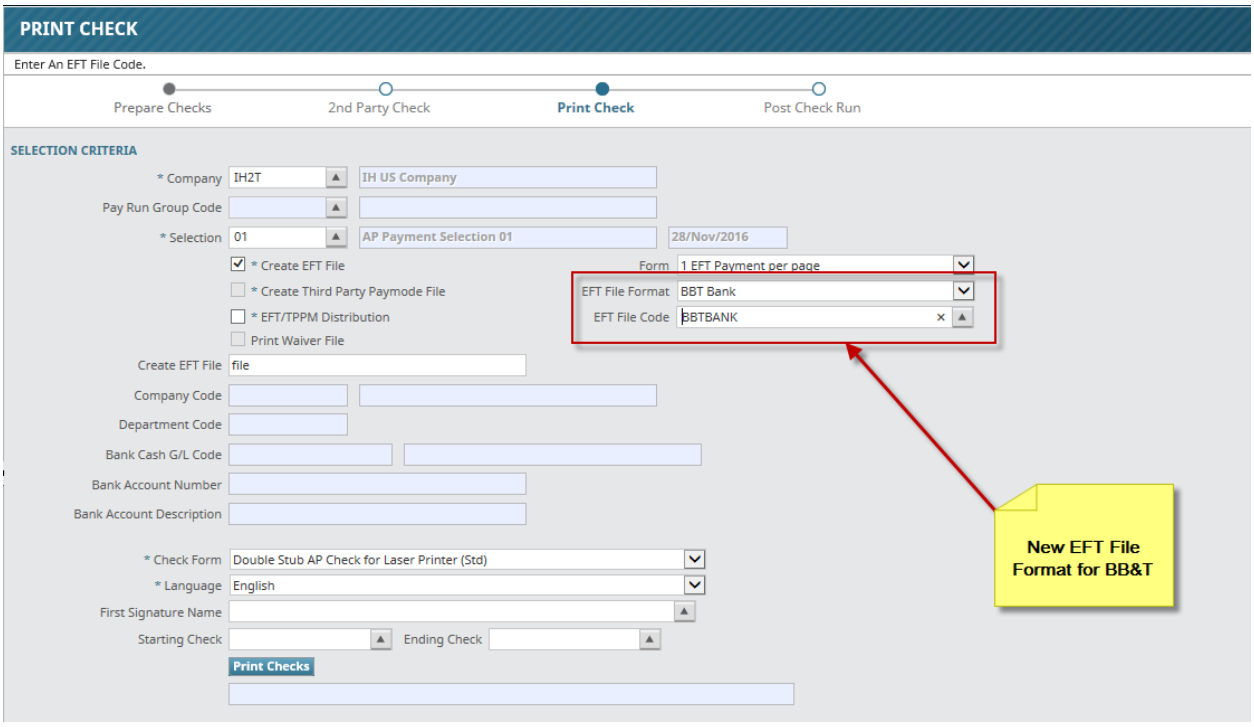
4. Vendor IH1TBP setting:



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


SELECT PAYMENTS
Table Mode
Save
Exit
Select Payments
Create Payrun Groups
SELECTION CRITERIA
* Company
IH2T
IH US Company
Hold Vendor
Adjust Voucher Status
Change Compliance Status
PAYMENT
Search
Insert
Delete
Previous
Next
Workflows
Report Options
ECM Documents
User Extensions
* Selection
01
AP Payment Selection 01
Currency
US
US Dollars
User
EFT Payments
Non EFT Payments
EFT and Non EFT Payments
Third Party Payment Mode
Cut Off Date
29/Dec/2016
Check Date
28/Nov/2016
Next Pay Date
30/Dec/2016
Select Only SC Vouchers
Select Only AP Vouchers
Select AP Back Charges Vouchers
Select Material Only Vouchers
Bank Account
Invoice Series
Past Due Invoices
Current Invoices
Discount Invoices
Force Discounts
Vendor
Job
Vendor Class
Vendor Preferences
Job Department
Select Invoices
SELECTED INVOICES
Add Invoices
Select All
Unselect All
Sel
Vendor
Vendor Name
Address
Address Name
Voucher
Invoice Number
Invoice Date
Due Date
Discount Date
Outstanding Amt
Discount Taken
Payment Amount
Selected Amt
IH-PC
Irina's Publishing Company
16605
IH-EFT-11
28/Nov/2016
28/Dec/2016
08/Dec/2016
950.00
19.00
931.00
931.00
IH01US
IH US Partner 01 Name
IHUS1
Alternative Address for IH01US
16606
IH-EFT-12
28/Nov/2016
28/Dec/2016
08/Dec/2016
2375.00
47.50
2327.50
2327.50
IH1TBP
IH One Time Business Partner
16607
IH-EFT-13
28/Nov/2016
28/Dec/2016
08/Dec/2016
2850.00
57.00
2793.00
2793.00
6051.50

Print Check:


PRINT CHECK
Enter An EFT File Code.
Prepare Checks
2nd Party Check
Print Check
Post Check Run
SELECTION CRITERIA
* Company
IH2T
IH US Company
Pay Run Group Code
* Selection
01
AP Payment Selection 01
28/Nov/2016
* Create EFT File
* Create Third Party Paymode File
* EFT/TPPM Distribution
Print Waiver File
Form
1 EFT Payment per page
EFT File Format
BBT Bank
EFT File Code
BBTBANK
Create EFT File
file
Company Code
Department Code
Bank Cash G/L Code
Bank Account Number
Bank Account Description
* Check Form
Double Stub AP Check for Laser Printer (Std)
* Language
English
First Signature Name
Starting Check
Ending Check
Print Checks
New EFT File Format for BB&T

Checks stubs:

5675 Hunt Street Suite 500
Chicago, IL 60601 USA
Vendor IH-PC Irina's Publishing Company #.: 90000006933 Inv Date Nov 28, 2016

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

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

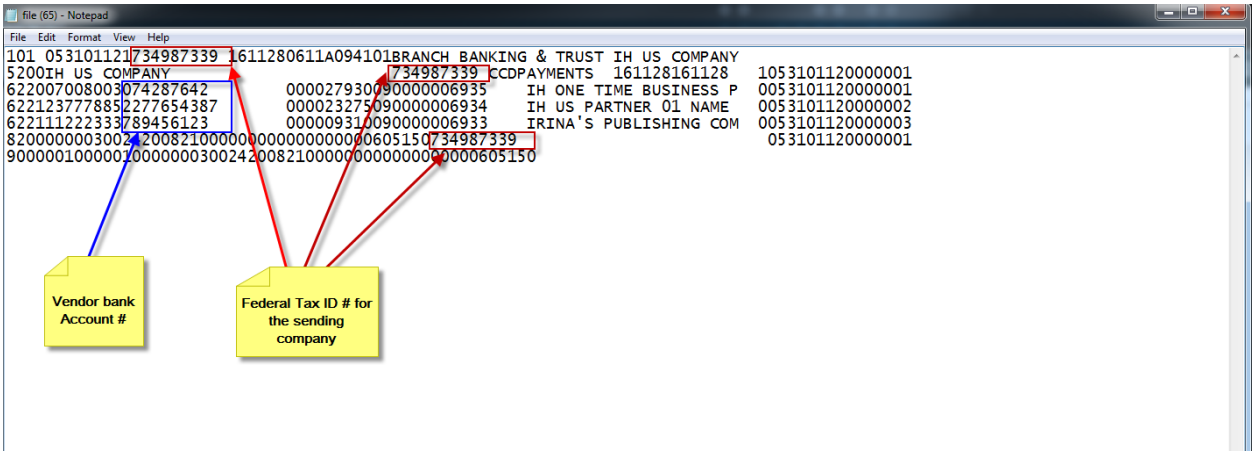
5675 Hunt Street Suite 500
Chicago, IL 60601 USA
Vendor IH01US IH US Partner 01 Name #.: 90000006934 Inv Date Nov 28, 2016

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.

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:

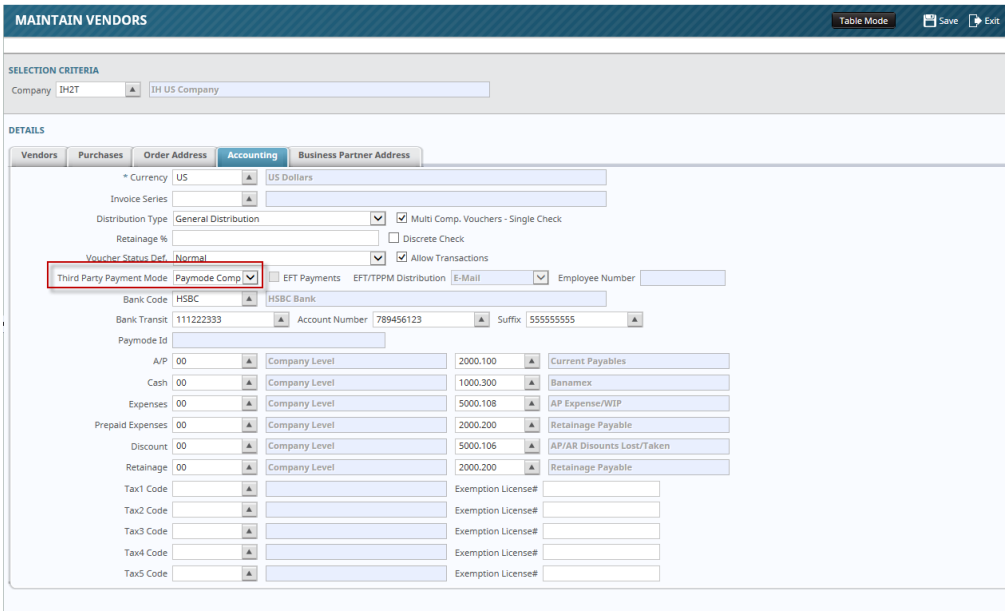
According to the user requirements, each record in the CSV file should have the following format:

Vendor ID (up to 255 characters)	Invoice # (up to 50 chars)	Invoice Date (MM/DD/YYYY)	Invoice Amount (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)

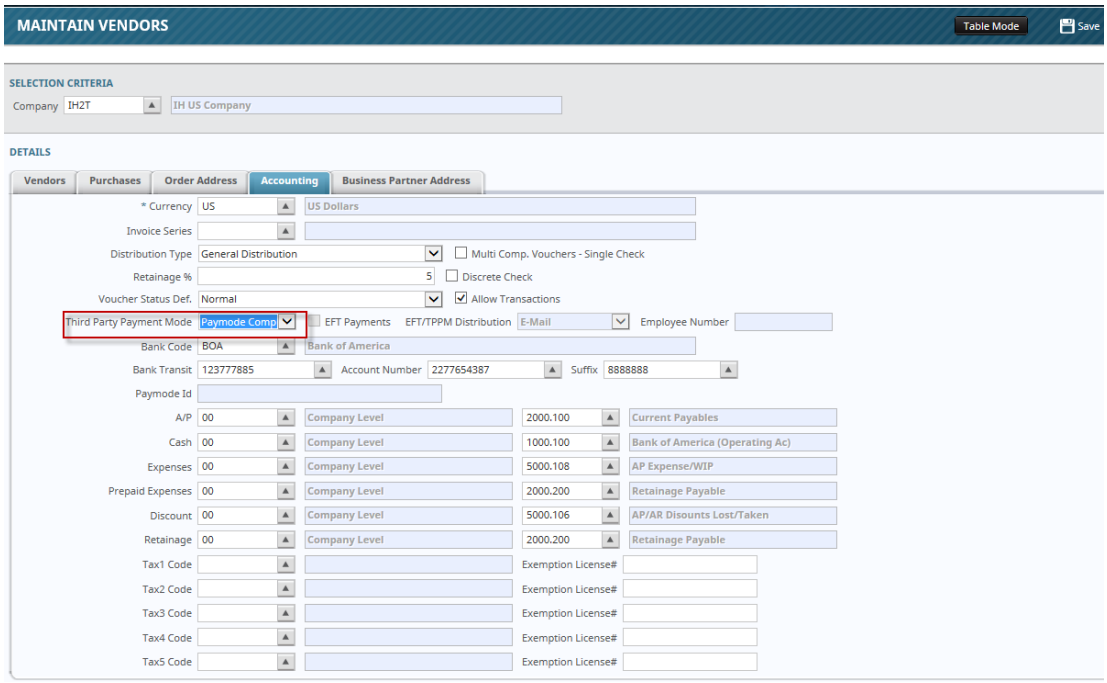
Note: The CVS file does not have a Header row; the records are created only for the positive check amount.

ADF:

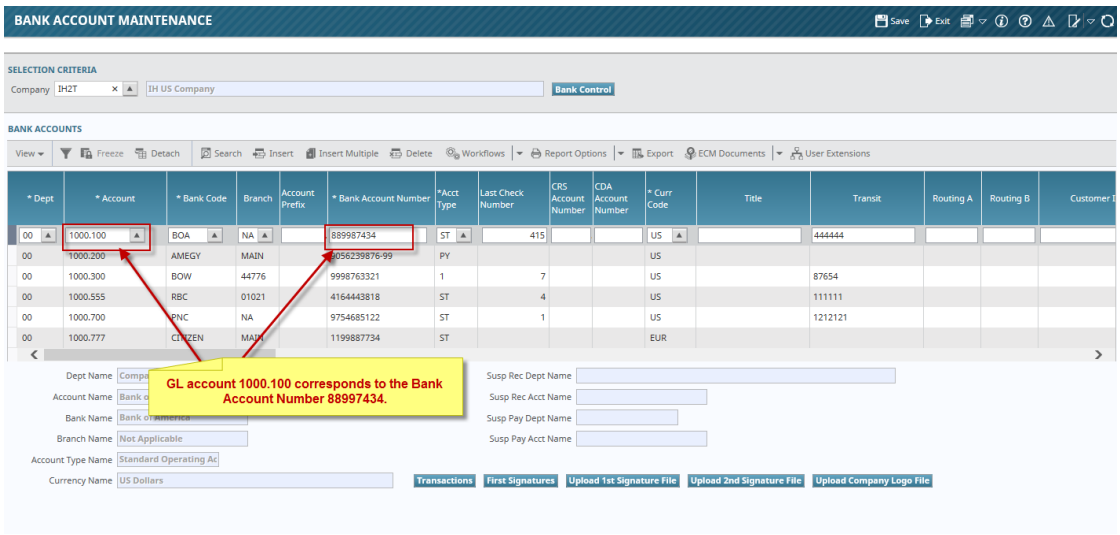
1. Set up Vendor IH-PC for Third Party Payment with Compass Bank:



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

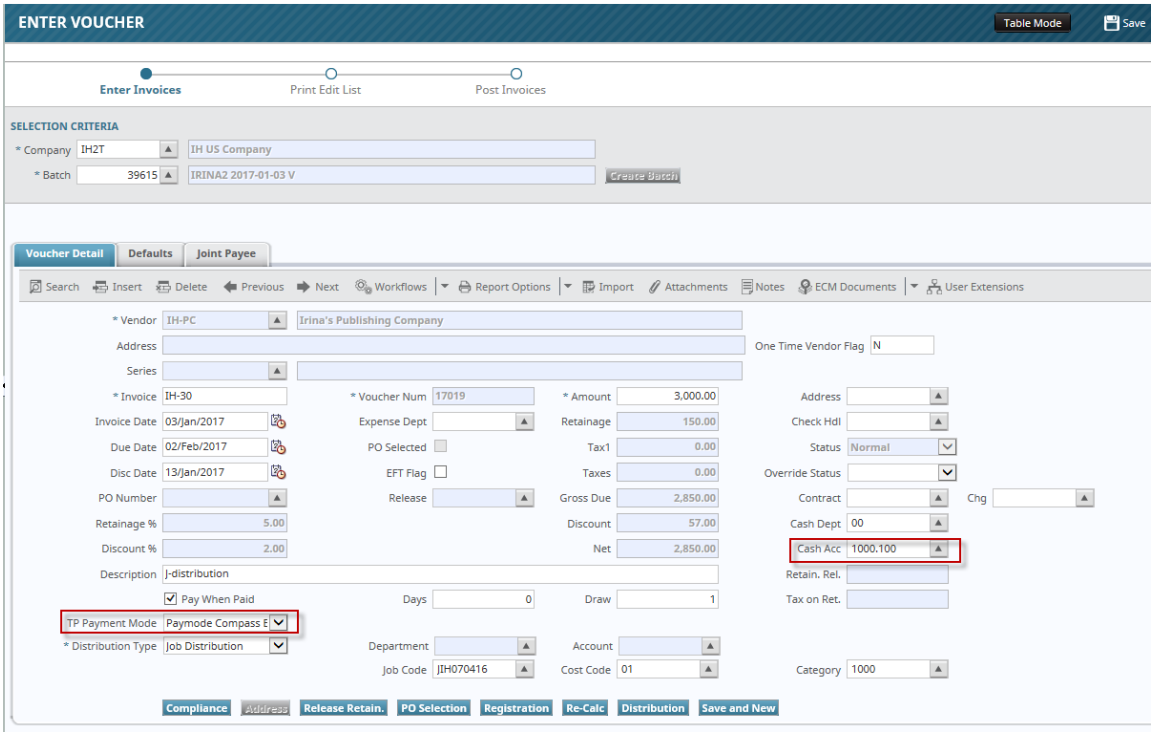


3. Verify the Bank Account settings for the company IH2T:

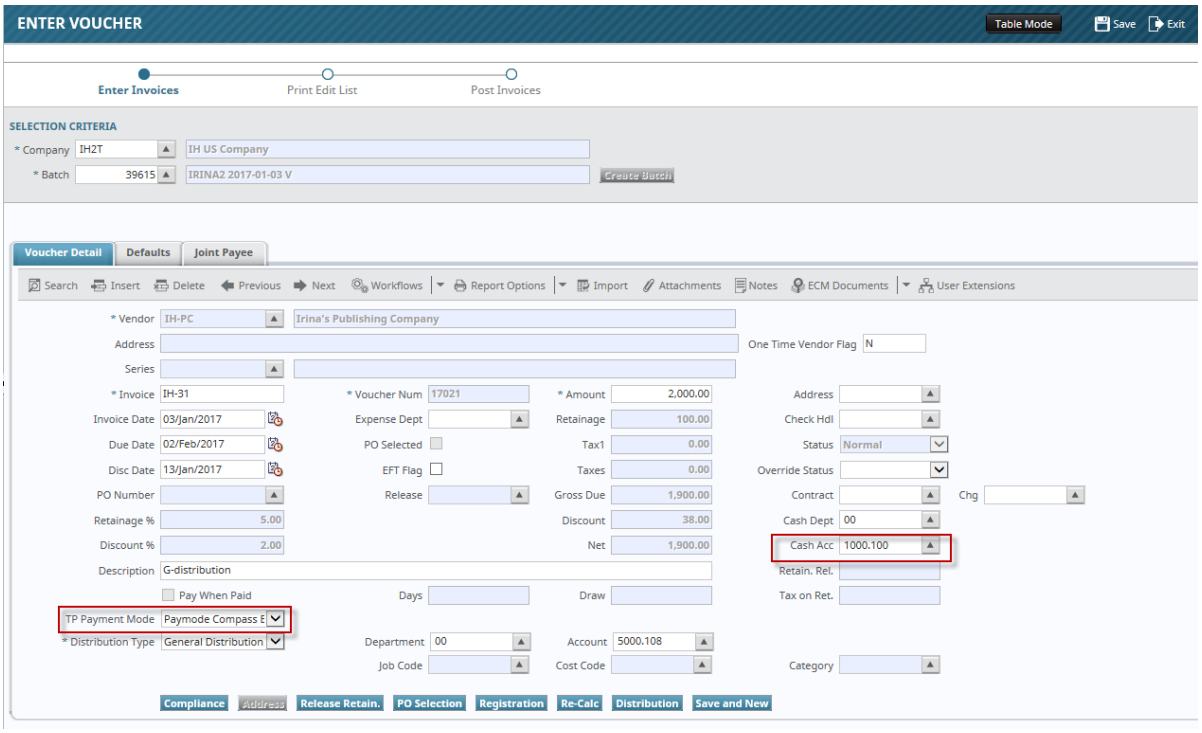


4. Create 3 vouchers (one for the vendor IH-PC and two – for IH01US):

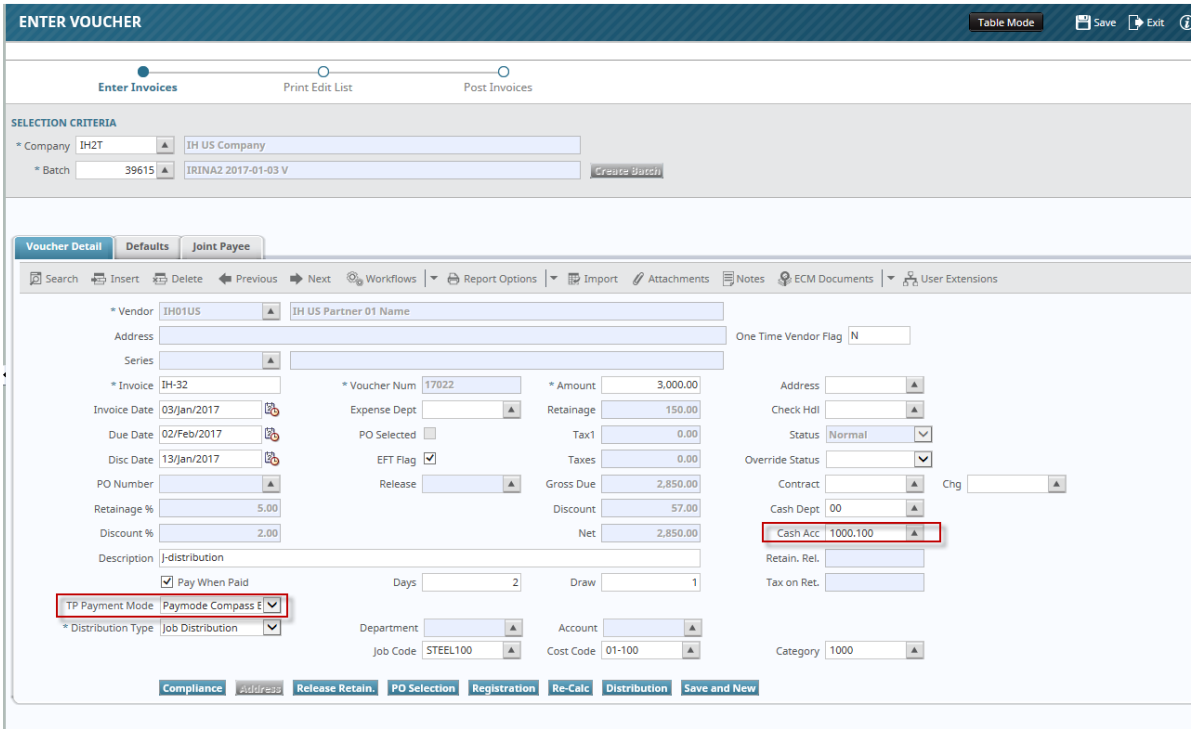
   a.



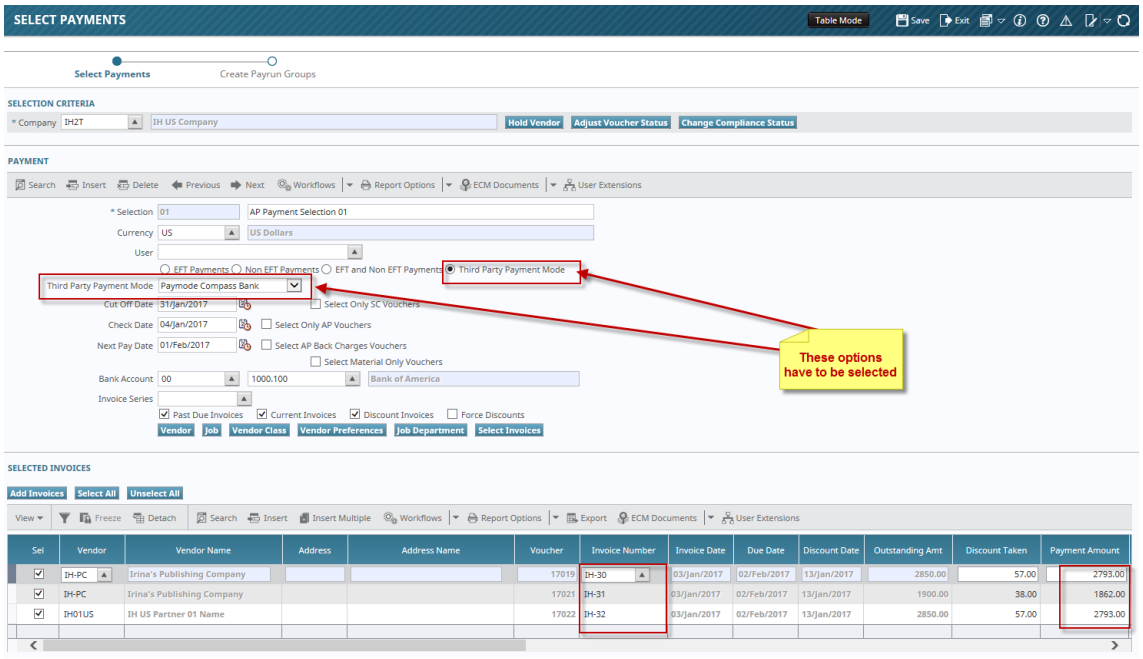
b.


ENTER VOUCHER
Table Mode
Save
Exit
Enter Invoices
Print Edit List
Post Invoices
SELECTION CRITERIA
* Company IH2T
IH US Company
* Batch 39615
IRINA2 2017-01-03 V
Create Batch
Voucher Detail
Defaults
Joint Payee
Search
Insert
Delete
Previous
Next
Workflows
Report Options
Import
Attachments
Notes
ECM Documents
User Extensions
* Vendor IH-PC
Irina's Publishing Company
Address
One Time Vendor Flag N
Series
* Invoice IH-31
* Voucher Num 17021
* Amount 2,000.00
Address
Invoice Date 03/Jan/2017
Expense Dept
Retainage 100.00
Check Hdl
Due Date 02/Feb/2017
PO Selected
Tax1 0.00
Status Normal
Disc Date 13/Jan/2017
EFT Flag
Taxes 0.00
Override Status
PO Number
Release
Gross Due 1,900.00
Contract
Chg
Retainage % 5.00
Discount 38.00
Cash Dept 00
Discount % 2.00
Net 1,900.00
Cash Acc 1000.100
Description G-distribution
Retain. Rel.
Pay When Paid
Days
Draw
Tax on Ret.
TP Payment Mode Paymode Compass E
* Distribution Type General Distribution
Department 00
Account 5000.108
Job Code
Cost Code
Category
Compliance
Address
Release Retain.
PO Selection
Registration
Re-Calc
Distribution
Save and New

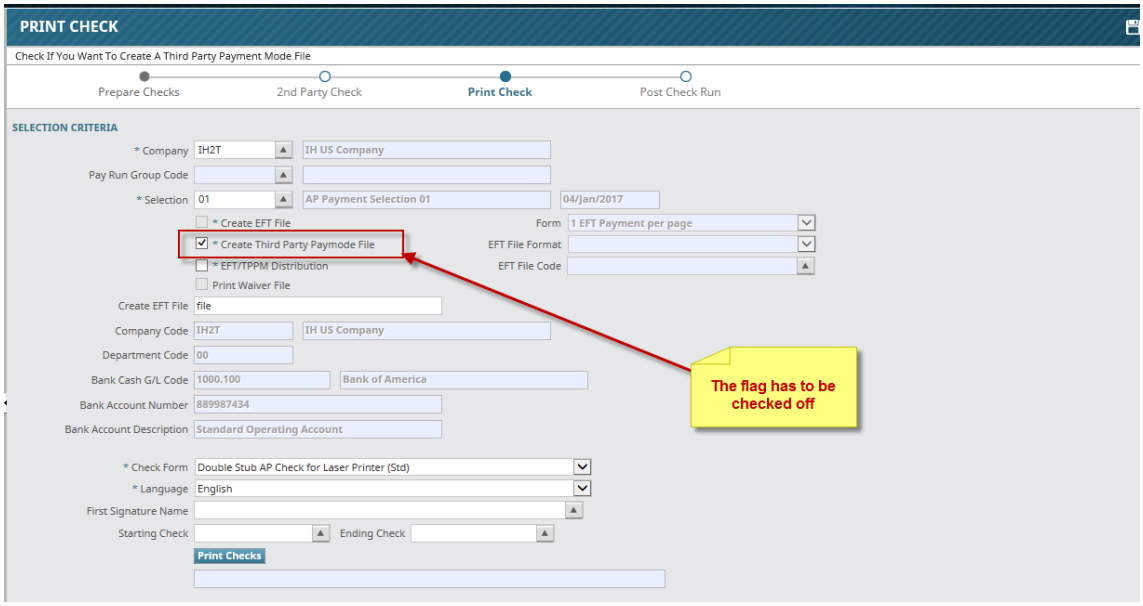
c.


ENTER VOUCHER
Table Mode
Save
Exit
Enter Invoices
Print Edit List
Post Invoices
SELECTION CRITERIA
* Company IH2T
IH US Company
* Batch 39615
IRINA2 2017-01-03 V
Create Batch
Voucher Detail
Defaults
Joint Payee
Search
Insert
Delete
Previous
Next
Workflows
Report Options
Import
Attachments
Notes
ECM Documents
User Extensions
* Vendor IH01US
IH US Partner 01 Name
Address
One Time Vendor Flag N
Series
* Invoice IH-32
* Voucher Num 17022
* Amount 3,000.00
Address
Invoice Date 03/Jan/2017
Expense Dept
Retainage 150.00
Check Hdl
Due Date 02/Feb/2017
PO Selected
Tax1 0.00
Status Normal
Disc Date 13/Jan/2017
EFT Flag
Taxes 0.00
Override Status
PO Number
Release
Gross Due 2,850.00
Contract
Chg
Retainage % 5.00
Discount 57.00
Cash Dept 00
Discount % 2.00
Net 2,850.00
Cash Acc 1000.100
Description J-distribution
Retain. Rel.
Pay When Paid
Days 2
Draw 1
Tax on Ret.
TP Payment Mode Paymode Compass E
* Distribution Type Job Distribution
Department
Account
Job Code STEEL100
Cost Code 01-100
Category 1000
Compliance
Address
Release Retain.
PO Selection
Registration
Re-Calc
Distribution
Save and New

5. Select Payment:



6. Print Check



7. Check stubs:

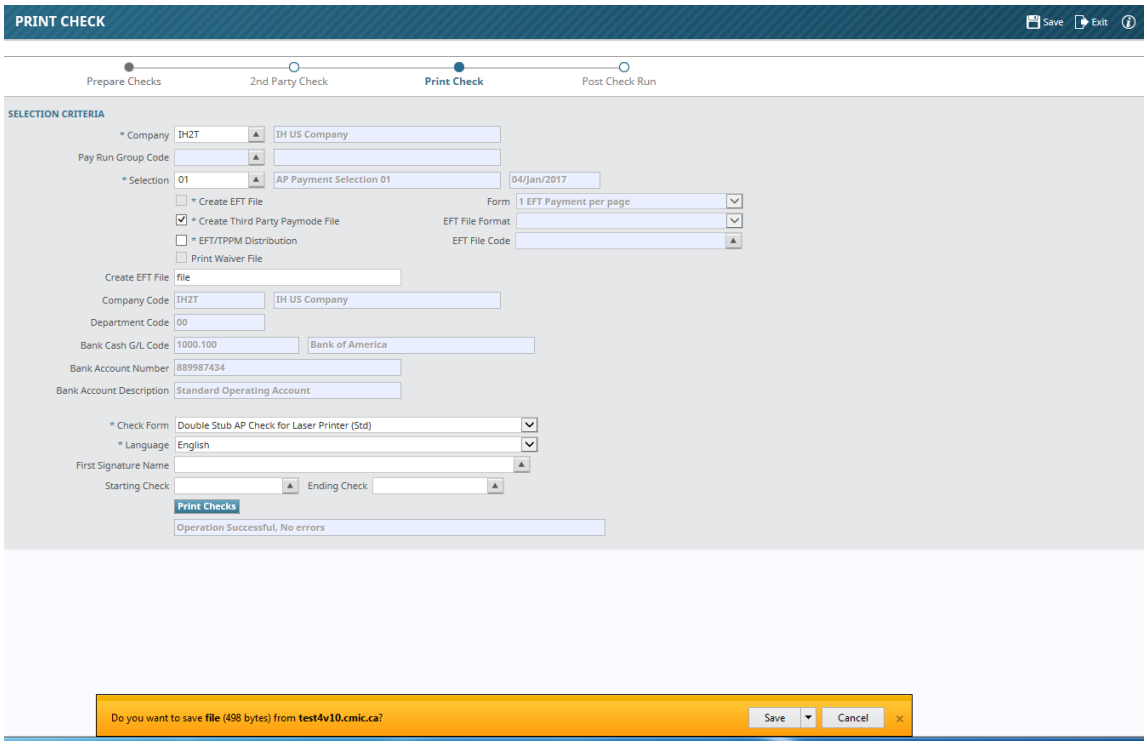
IH2T - IH US Company
12 Broadway 334
New York, NY US
Vendor IH-PC Irina's Publishing Company #.: 90000007002 Inv Date Jan 04, 2017

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**

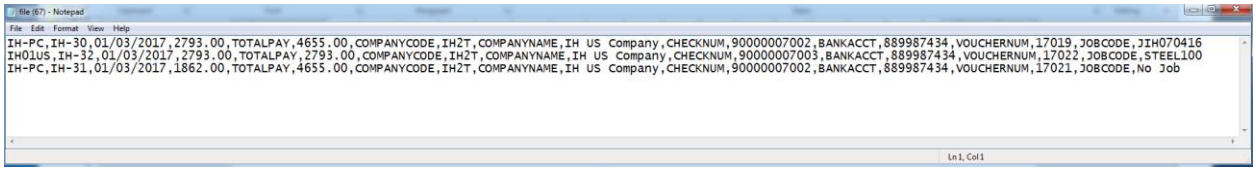
IH2T - IH US Company
12 Broadway 334
New York, NY US
Vendor IH01US IH US Partner 01 Name #.: 90000007003 Inv Date Jan 04, 2017

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)

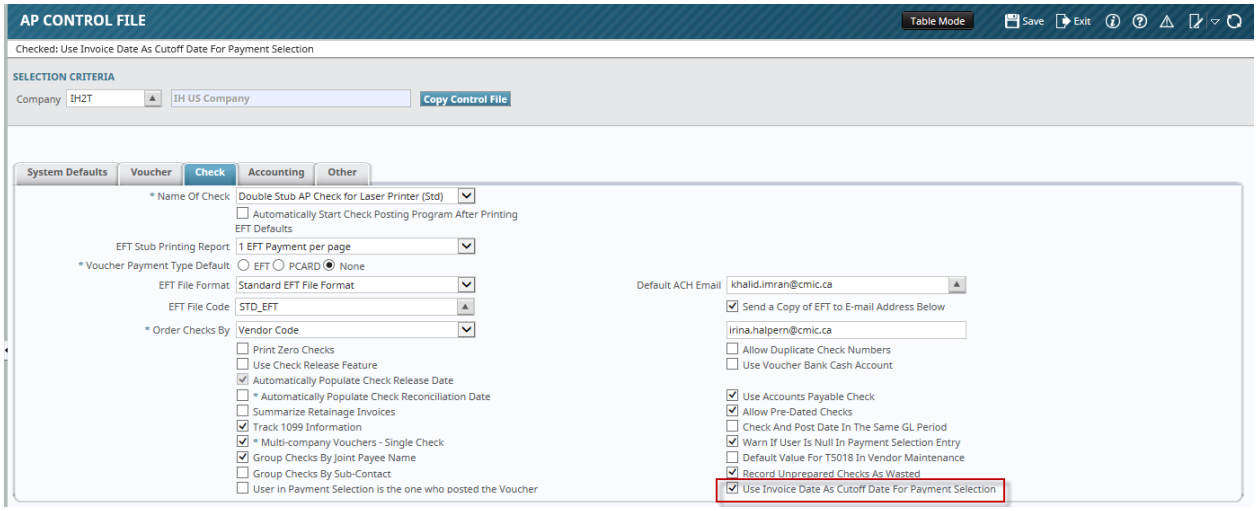
Overview:

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.

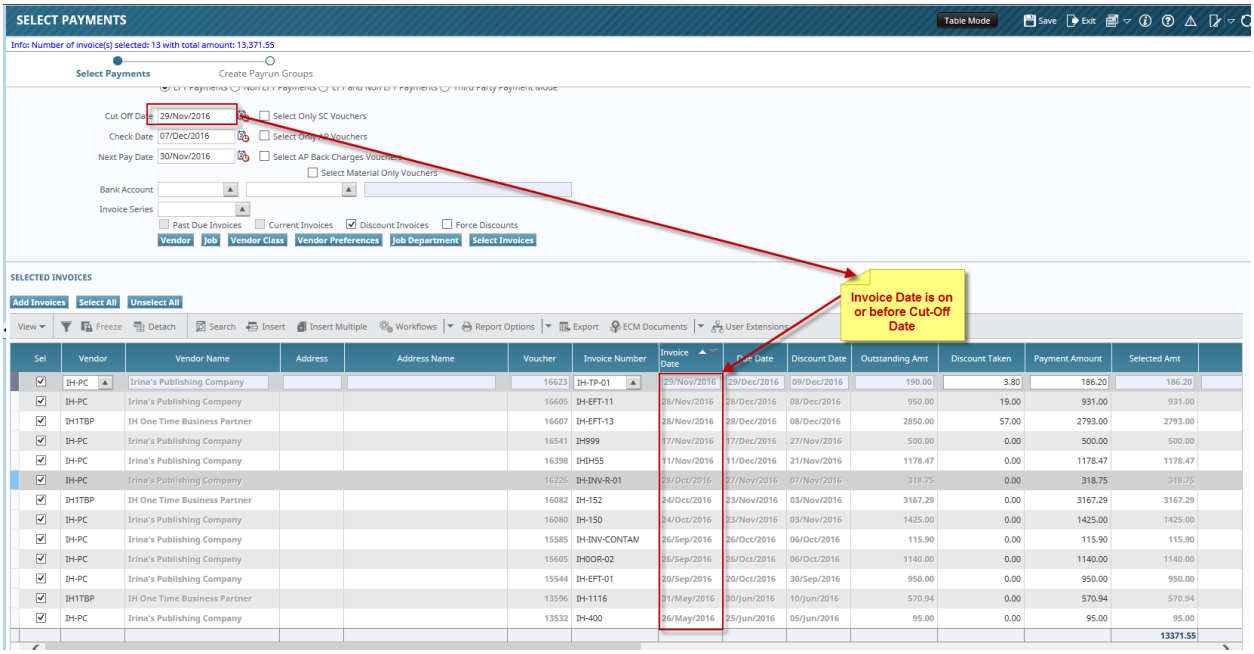
Settings and Examples:

IN ADF:

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



Create a Payment Selection:



Sel	Vendor	Vendor Name	Address	Address Name	Voucher	Invoice Number	Invoice Date	Due Date	Discount Date	Outstanding Amt	Discount Taken	Payment Amount	Selected Amt
☑	IH-PC	Irina's Publishing Company			16623	IH-TP-01	29/Nov/2016	29/Dec/2016	09/Dec/2016	190.00	3.80	186.20	186.20
☑	IH-PC	Irina's Publishing Company			16605	IH-EFT-11	28/Nov/2016	28/Dec/2016	08/Dec/2016	950.00	19.00	931.00	931.00
☑	IH1TBP	IH One Time Business Partner			16607	IH-EFT-13	28/Nov/2016	28/Dec/2016	08/Dec/2016	2850.00	57.00	2793.00	2793.00
☑	IH-PC	Irina's Publishing Company			16541	IH999	17/Nov/2016	17/Dec/2016	27/Nov/2016	500.00	0.00	500.00	500.00
☑	IH-PC	Irina's Publishing Company			16398	IHIH55	11/Nov/2016	11/Dec/2016	21/Nov/2016	1178.47	0.00	1178.47	1178.47
☑	IH-PC	Irina's Publishing Company			16226	IH-INV-R-01	28/Oct/2016	27/Nov/2016	07/Nov/2016	318.75	0.00	318.75	318.75
☑	IH1TBP	IH One Time Business Partner			16082	IH-152	24/Oct/2016	23/Nov/2016	03/Nov/2016	3167.29	0.00	3167.29	3167.29
☑	IH-PC	Irina's Publishing Company			16080	IH-150	24/Oct/2016	23/Nov/2016	03/Nov/2016	1425.00	0.00	1425.00	1425.00
☑	IH-PC	Irina's Publishing Company			15585	IH-INV-CONTAM	26/Sep/2016	26/Oct/2016	06/Oct/2016	115.90	0.00	115.90	115.90
☑	IH-PC	Irina's Publishing Company			15605	IHOOR-02	26/Sep/2016	26/Oct/2016	06/Oct/2016	1140.00	0.00	1140.00	1140.00
☑	IH-PC	Irina's Publishing Company			15544	IH-EFT-01	20/Sep/2016	20/Oct/2016	30/Sep/2016	950.00	0.00	950.00	950.00
☑	IH1TBP	IH One Time Business Partner			13596	IH-1116	31/May/2016	30/Jun/2016	10/Jun/2016	570.94	0.00	570.94	570.94
☑	IH-PC	Irina's Publishing Company			13532	IH-400	26/May/2016	25/Jun/2016	05/Jun/2016	95.00	0.00	95.00	95.00
													13371.55

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.

BMO Harris File Format (16.27015)

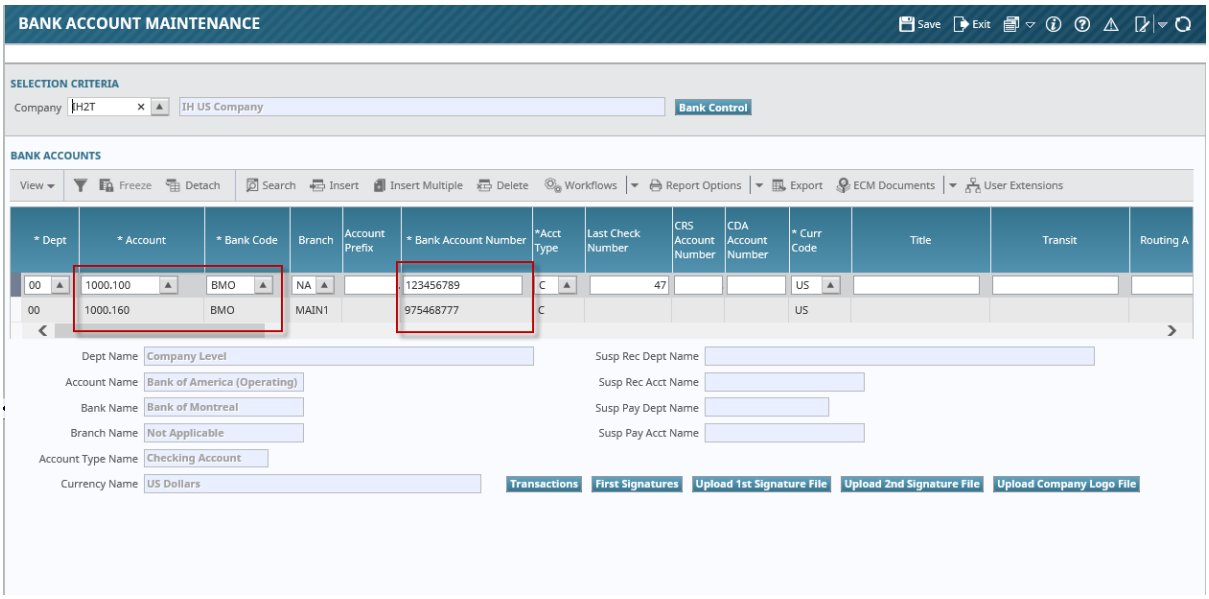
Overview:

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

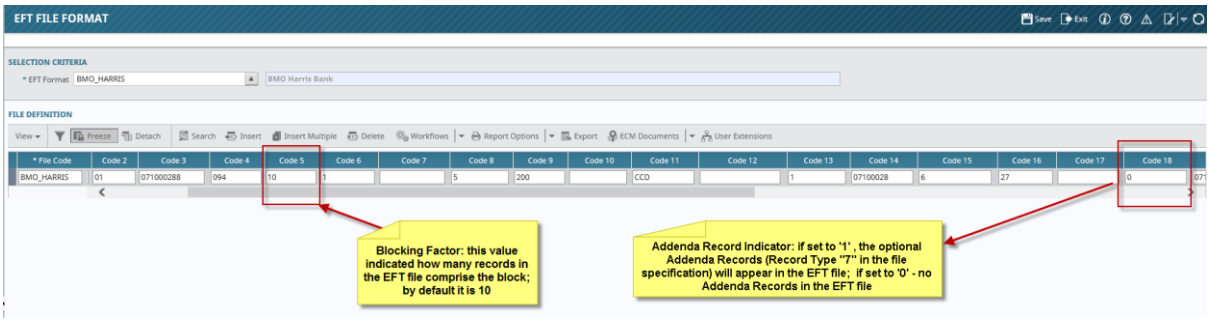
Settings and Examples:

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):



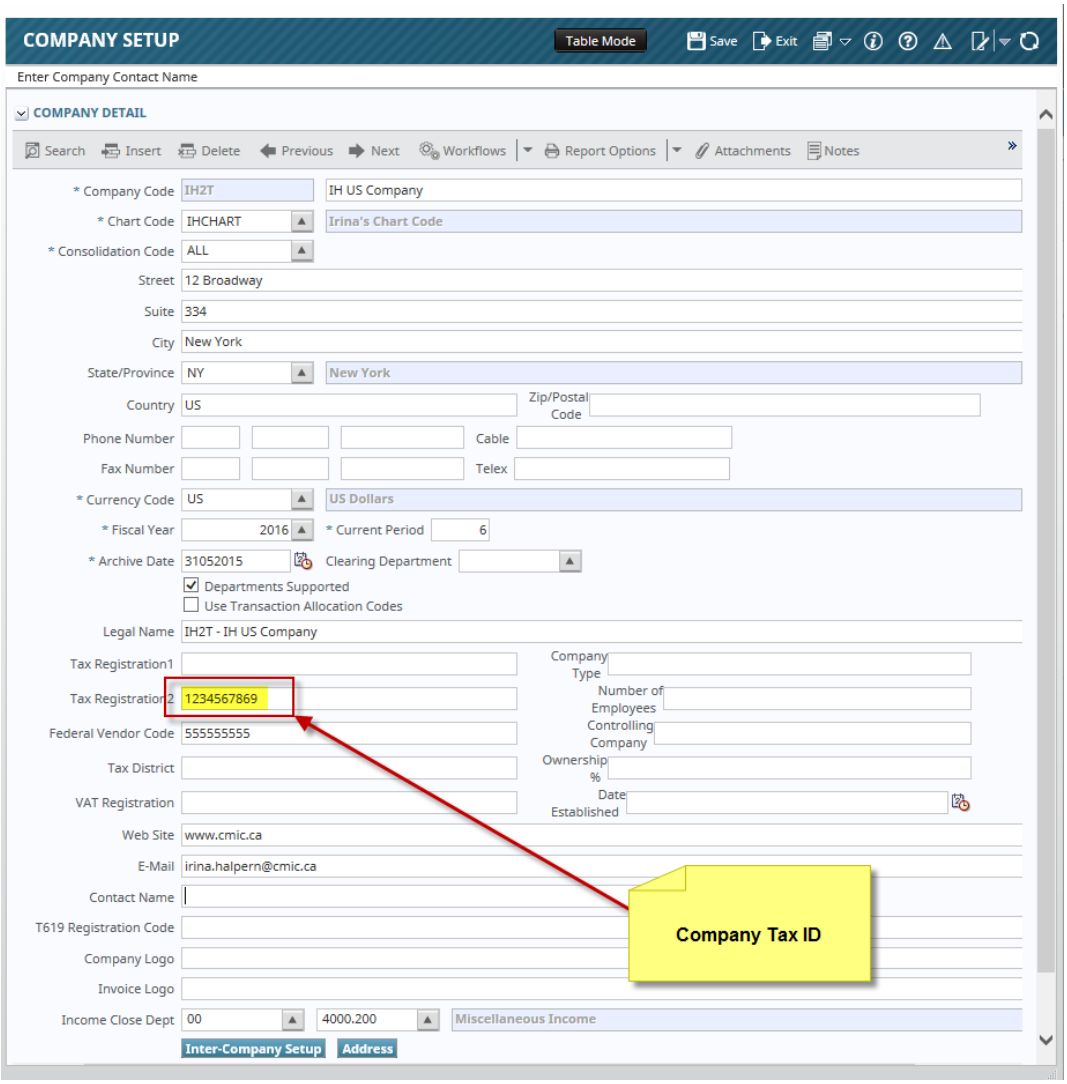
2. EFT Format Setting for the new format BMO_HARRIS (Account Payable -> Setup -> Global Tables -> EFT Formats):



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

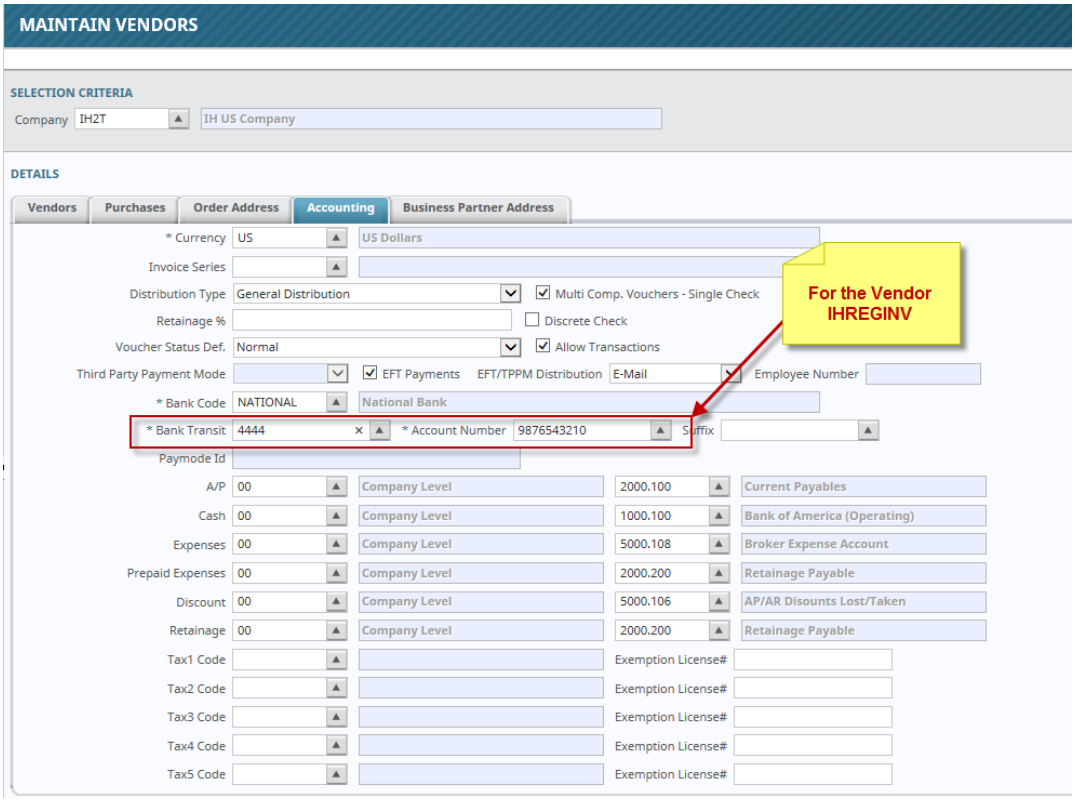
3. From the Company setup (General Ledger -> Setup -> Company Setup -> Company Detail button) the system takes Company Tax Id (please see the screenshot below).

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

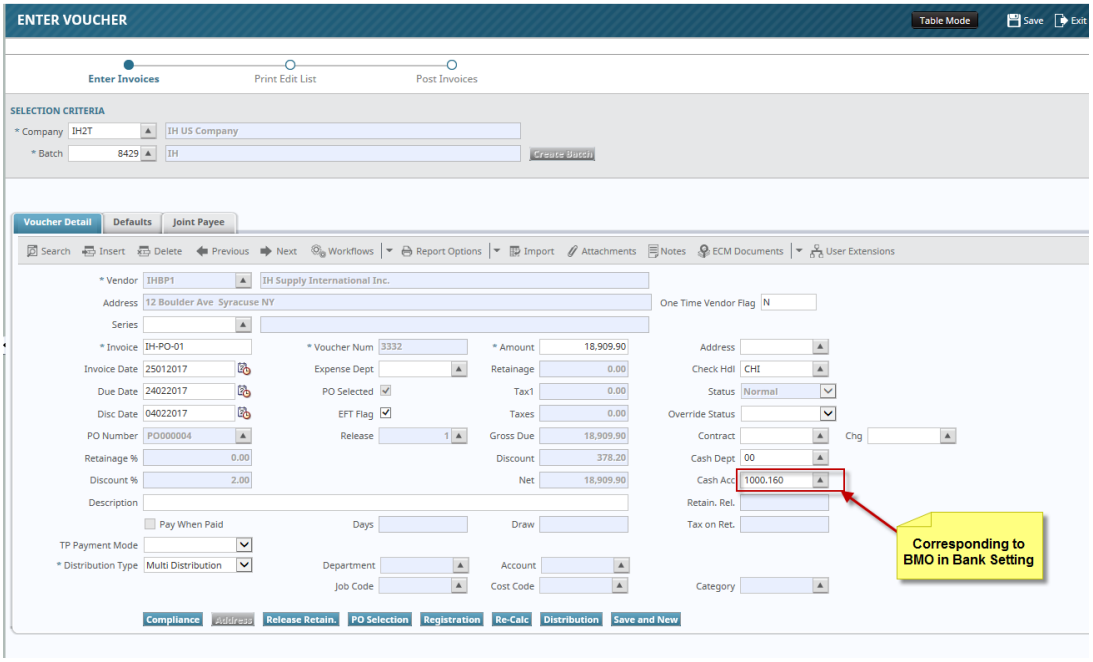


4. The vouchers used in the example are created for the Vendors IHBP1, IHREGINV, IHBP113, IHBP2711, and IHBP5965. The system uses the Bank Transit and Account Number information from the vendors' settings to create fields 3, 4, and 5 in the Entry Detail Record (Record Type '6') in the EFT file.

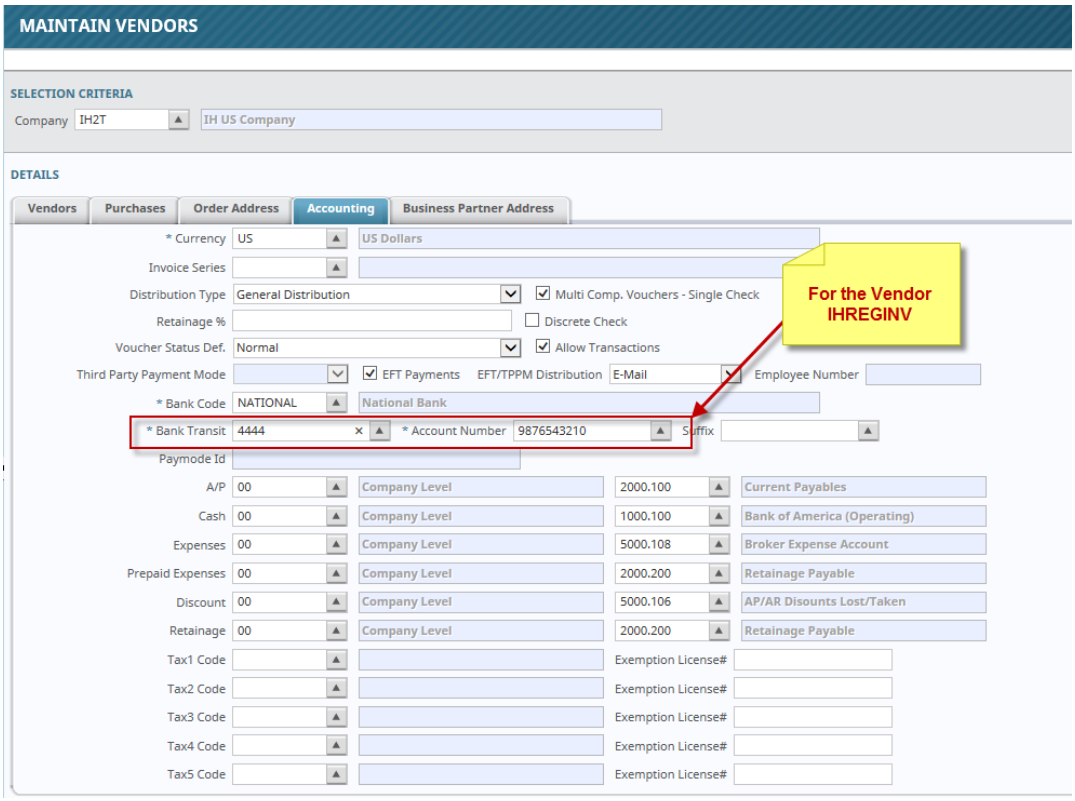
   Here is the example of the vendor's setting:



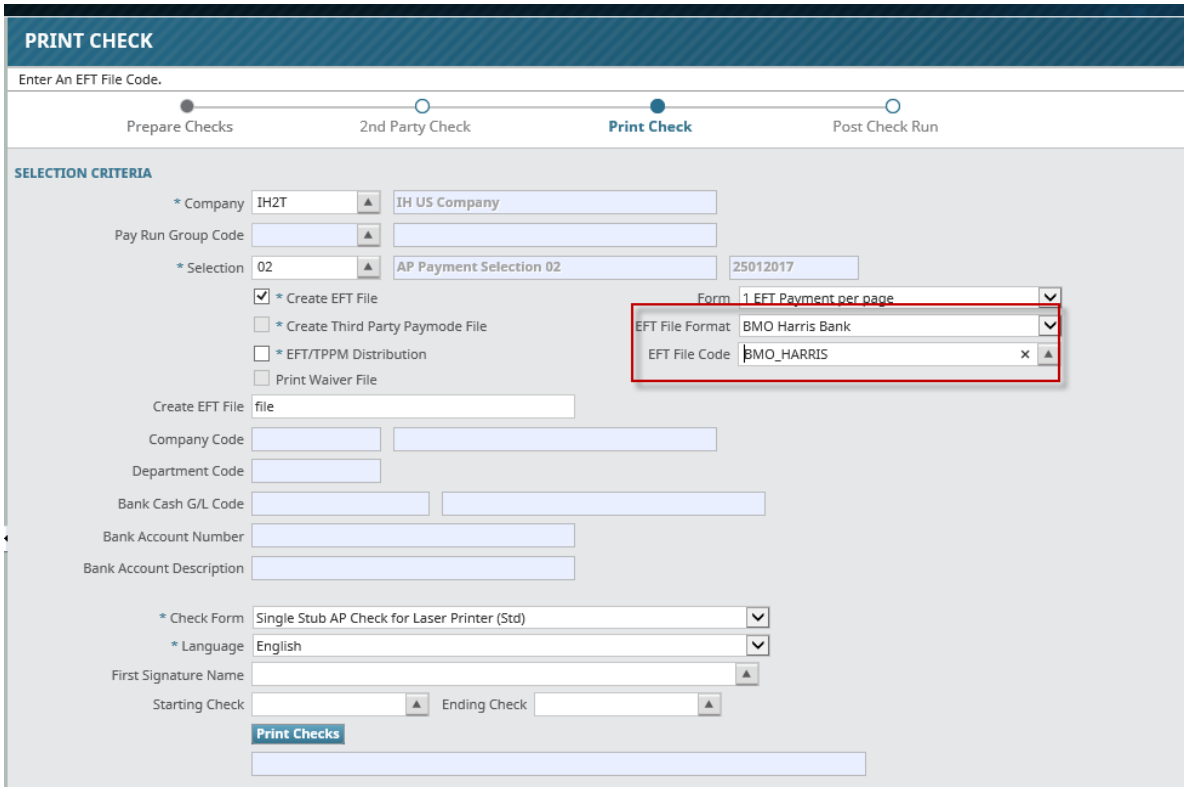
The vouchers included in the EFT have been created using two different cash accounts for the paying company IH2T (GL 1000.100 and GL 1000.160) to demonstrate that the resulting EFT file will have 2 blocks. Below is the example of one of the vouchers created:



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

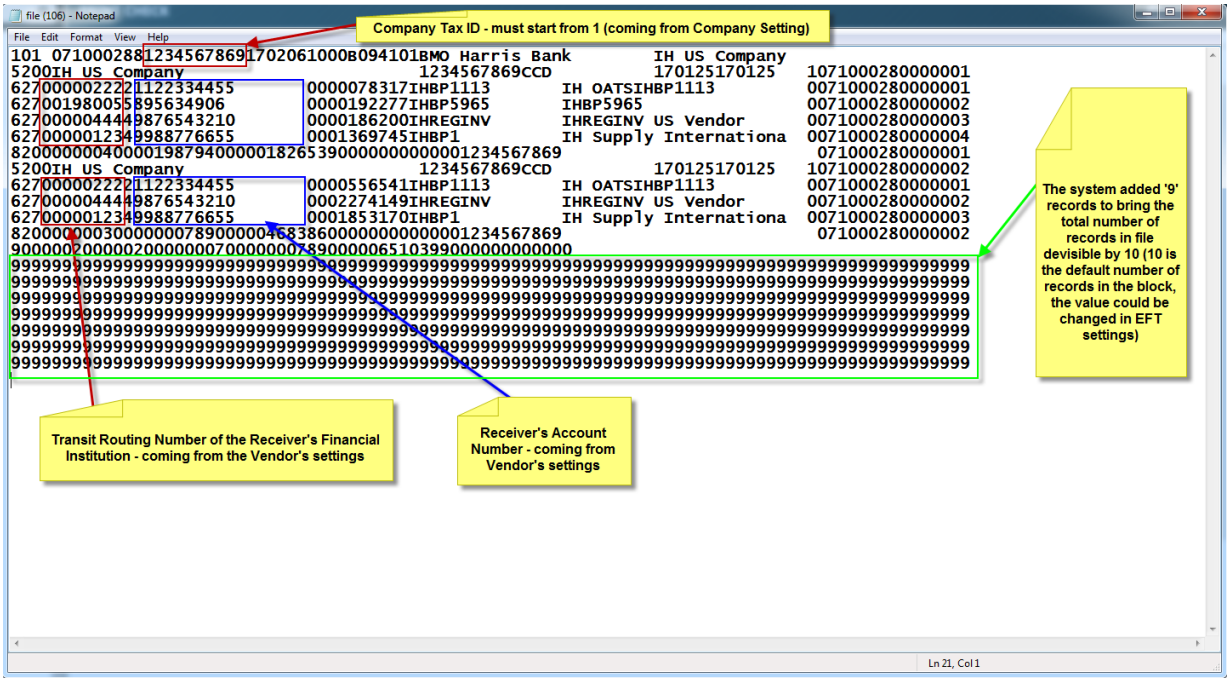


After preparing the checks, the Print Check screen should have The EFT File Format field set BMO Harris Bank (the selection is available in the field LOV), and EFT File Code field should be set as BMO_HARRIS:



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.

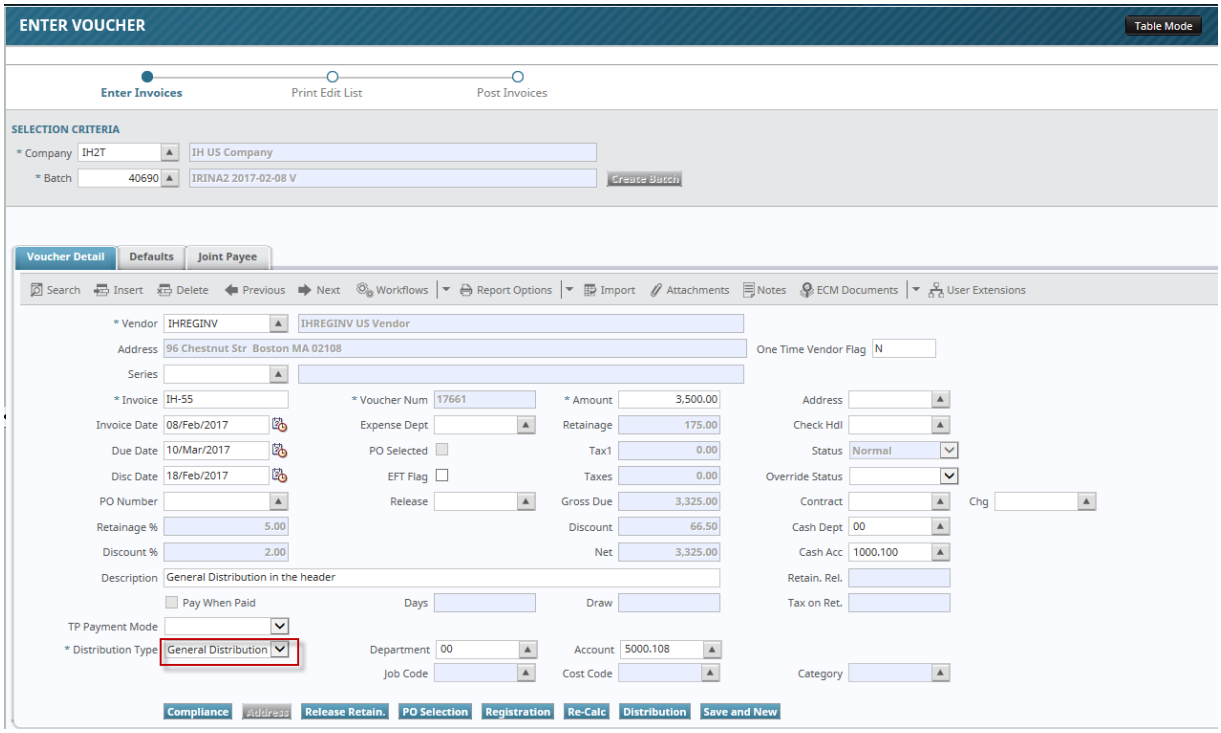
Category Column added in AP Invoice Query (16. 26878)

Overview:

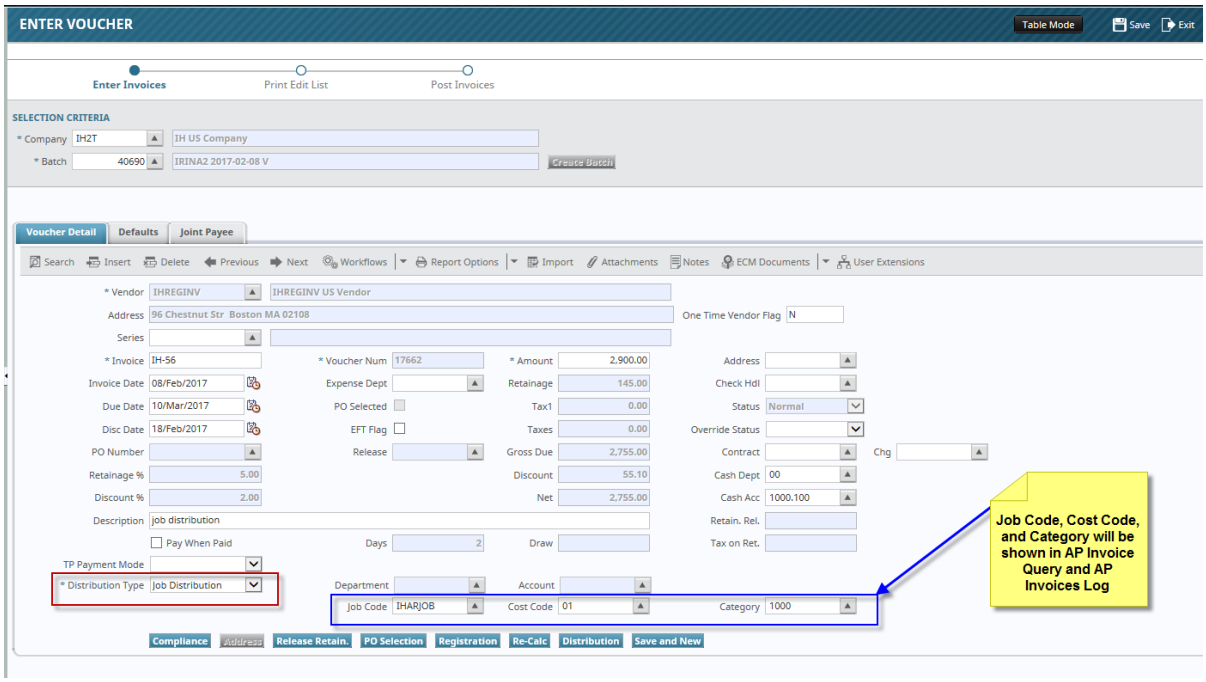
CMiC has modified AP Invoice Query and AP Invoices Log. Two columns – Category Code and Cost Code – have been added to AP Invoice Query; three columns – Job Code, Category Code and Cost Code have been added to the AP Invoices Log. Category Code and Cost Code will appear only if they were entered on the Invoice (Voucher) Header.

Settings and Examples:

1. Create an Invoice IH-55 with Distribution Type “General Distribution” on the Invoice Header:

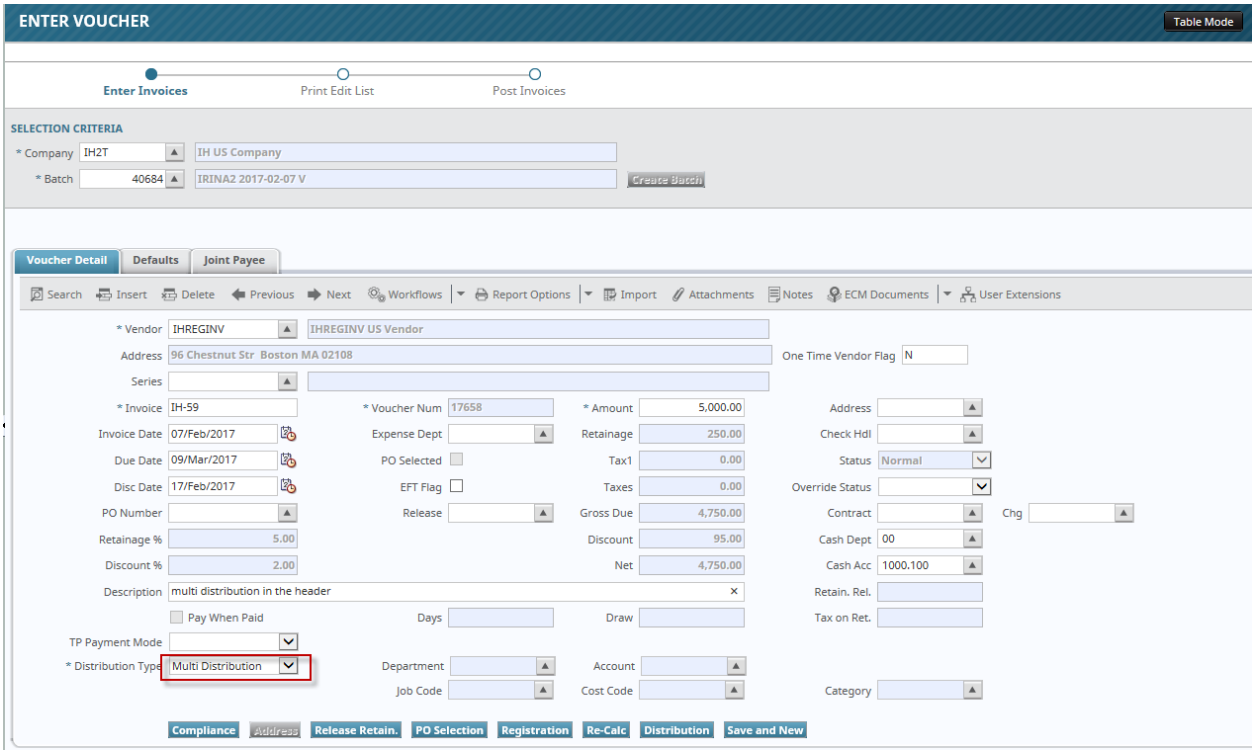


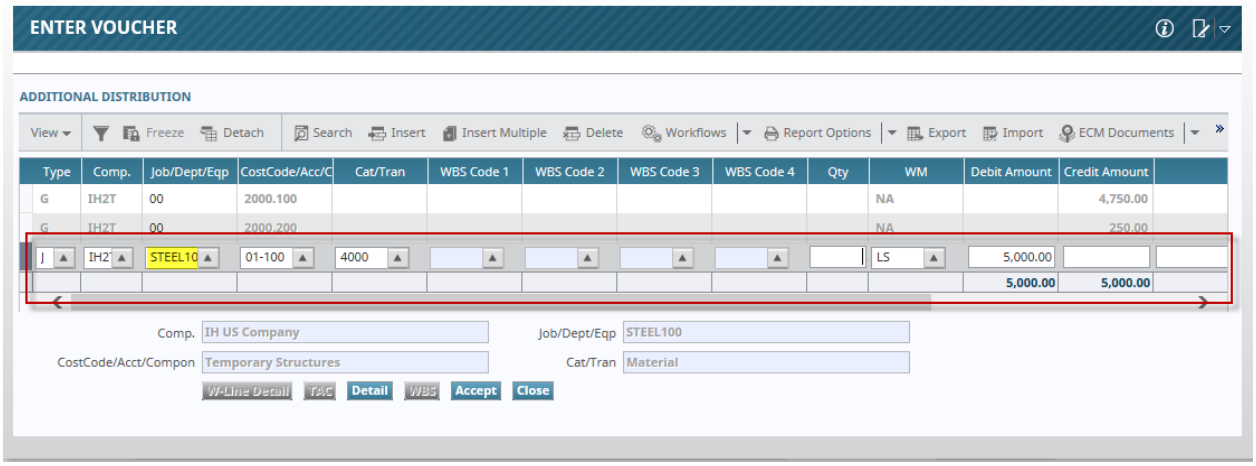
2. Create an Invoice IH-56 with Distribution Type “Job Distribution” on the Invoice Header:



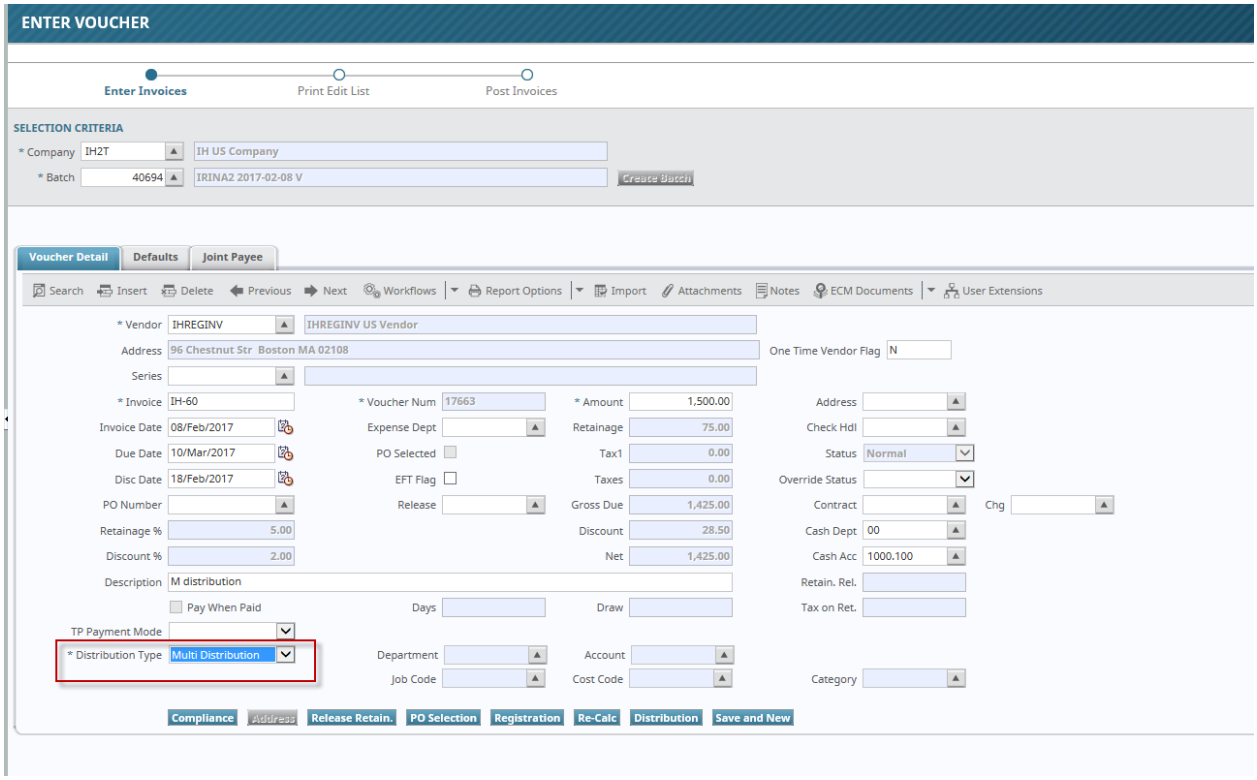
3. Create two Invoices with Distribution Type “Multi Distribution” on the Invoice Header:

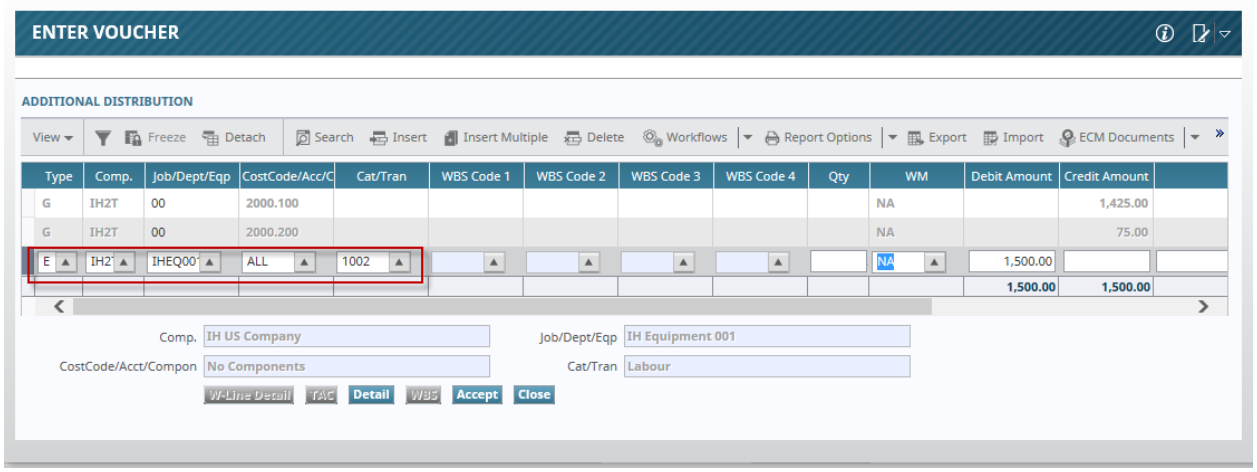
    a. Invoice IH-59: Actual Distribution for this invoice has J-line:



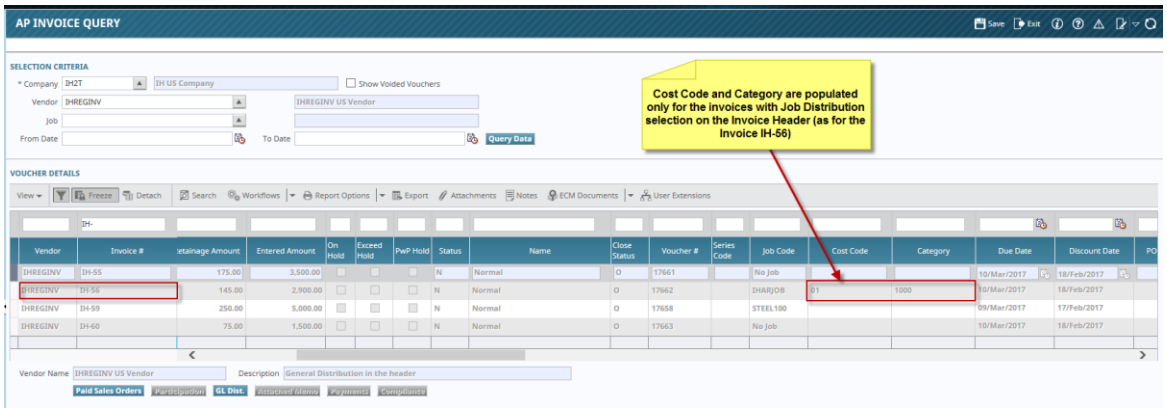


b. Invoice IH-60: Actual Distribution for this invoice has E-line:

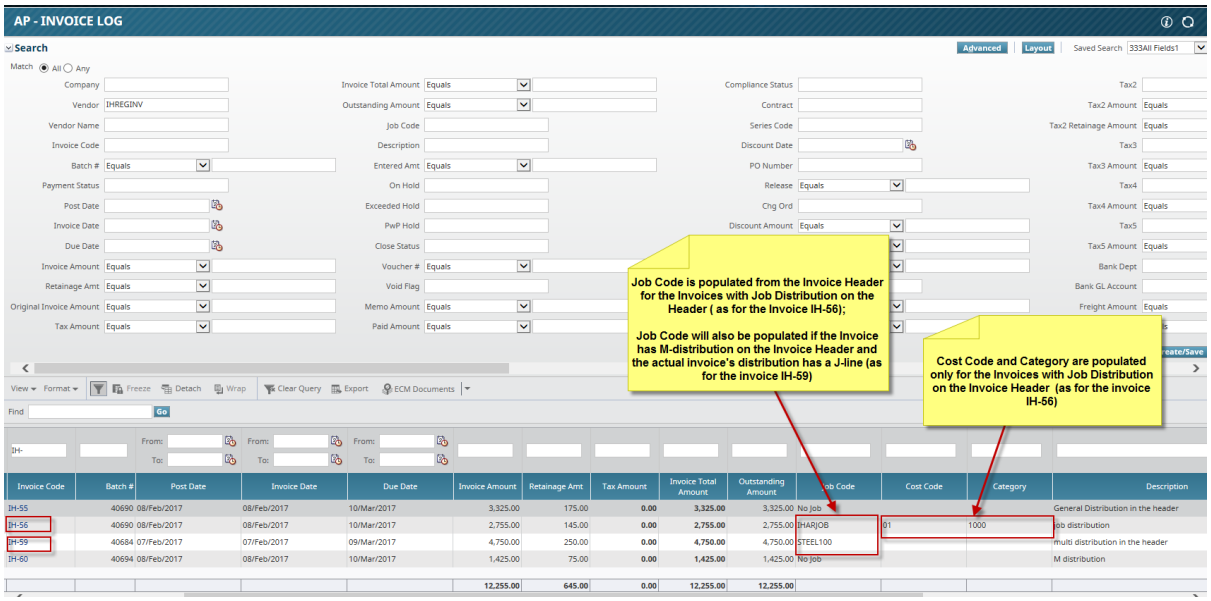




4. The invoices above will be shown on the AP Invoice Query (Account Payable -> Query -> Invoice Query) as following:



5. The invoices above will be shown on the AP - Invoice Log (Account Payable -> Log -> Invoices) as following:

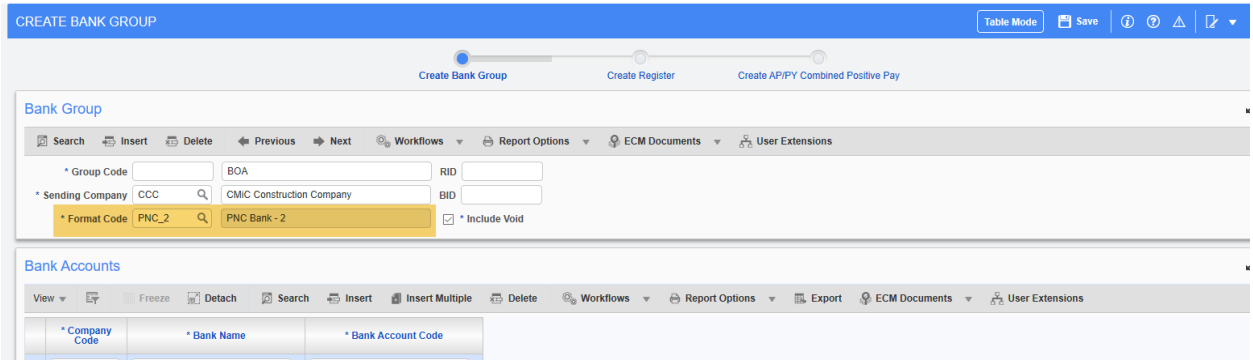


Summary:

The AP Invoice Query has been modified to display Category Code and Cost Code for the invoice; The AP Invoices Log has also been modified to display Job Code, Category Code and Cost Code. Category Code and Cost Code data are populated from the Invoice Header only.

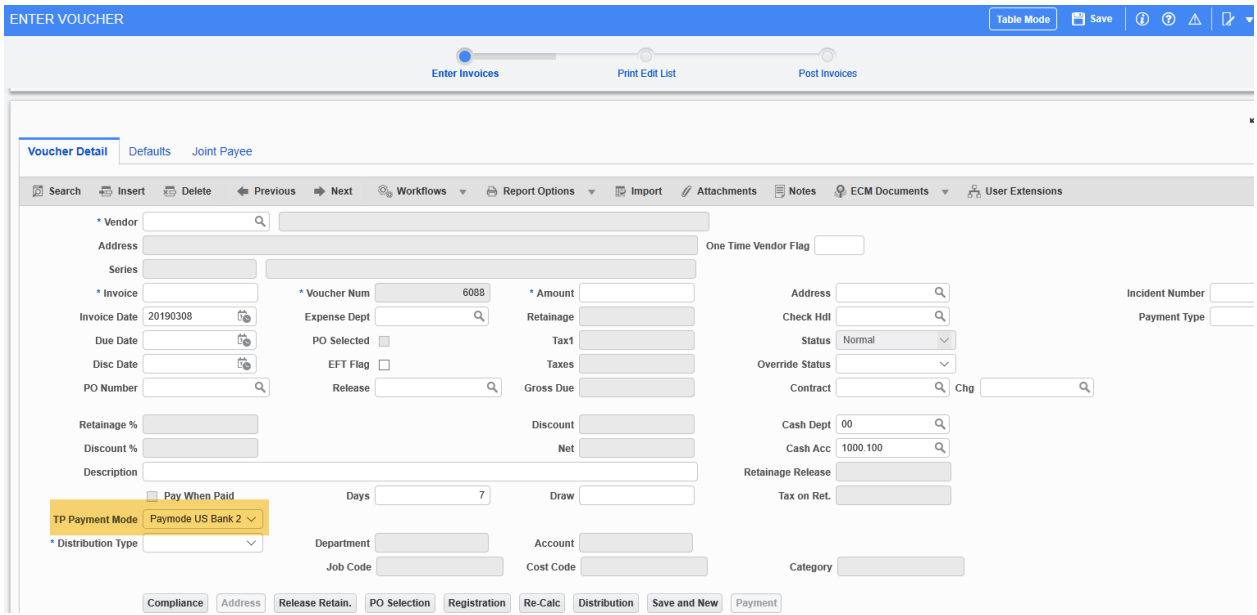
AP Positive Pay Format for PNC Bank(PNC_2) (17.44096)

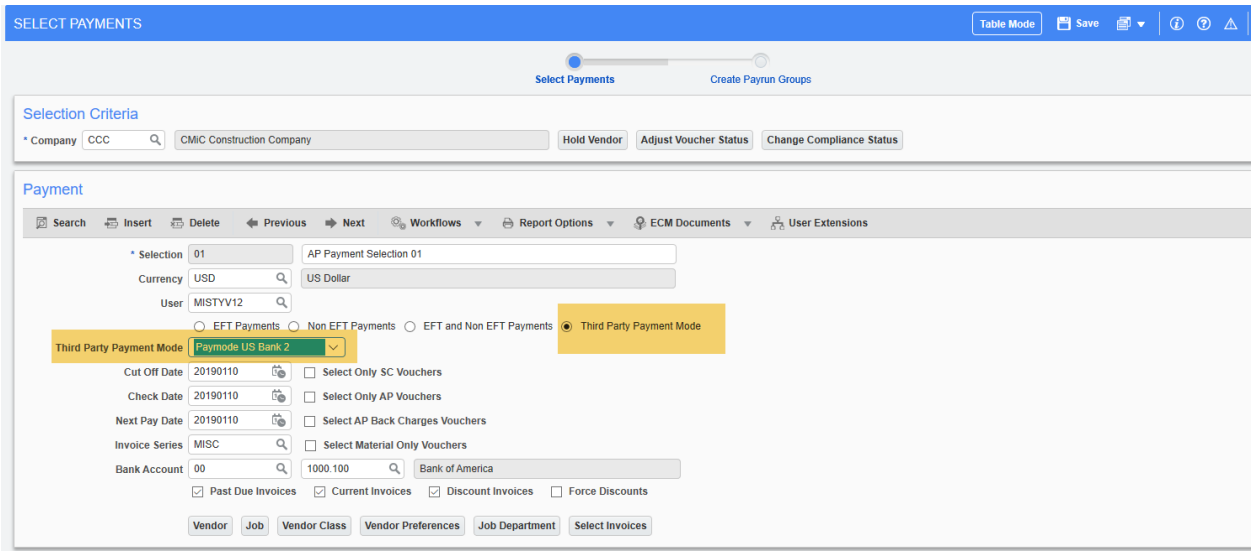
A new AP Positive Pay Format for PNC Bnak(PNC_2) has been added.



Third Party payment format for US Bank (Paymode US Bank 2) (18.57746)

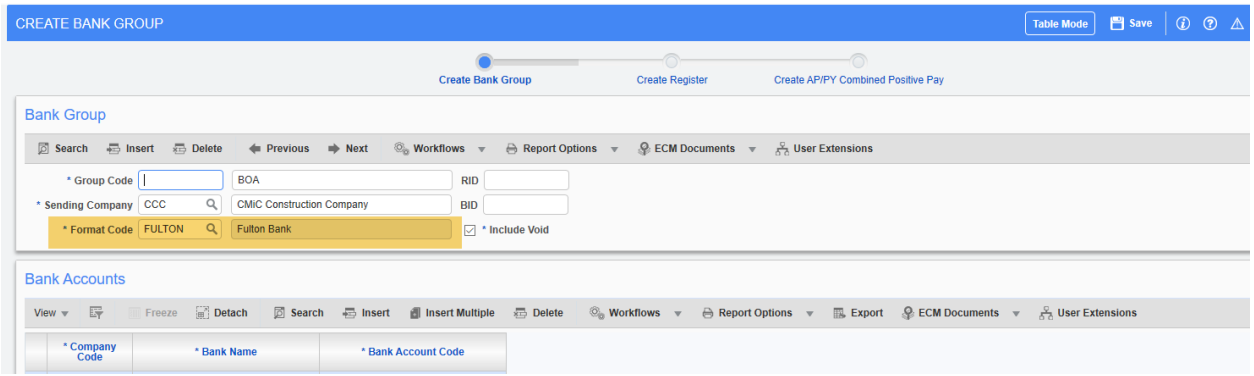
A New Third Party payment format for US Bank (Paymode US Bank 2) has been added. While Printing Checks some information like Company name(file header) and Zip/Postal Code(payment record) will get the values from Third Party Payment setup.





AP Positive Pay Format for FULTON Bank (FULTON) (18.68267)

A new AP Positive Pay Format for FULTON Bank (FULTON) has been added



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:

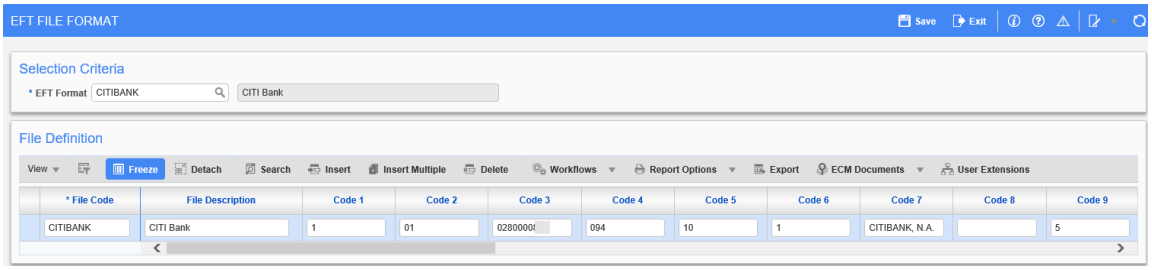
The following programs are modified to include CITI Bank in the ACH, positive pay file creation and the bank reconciliation programs

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.

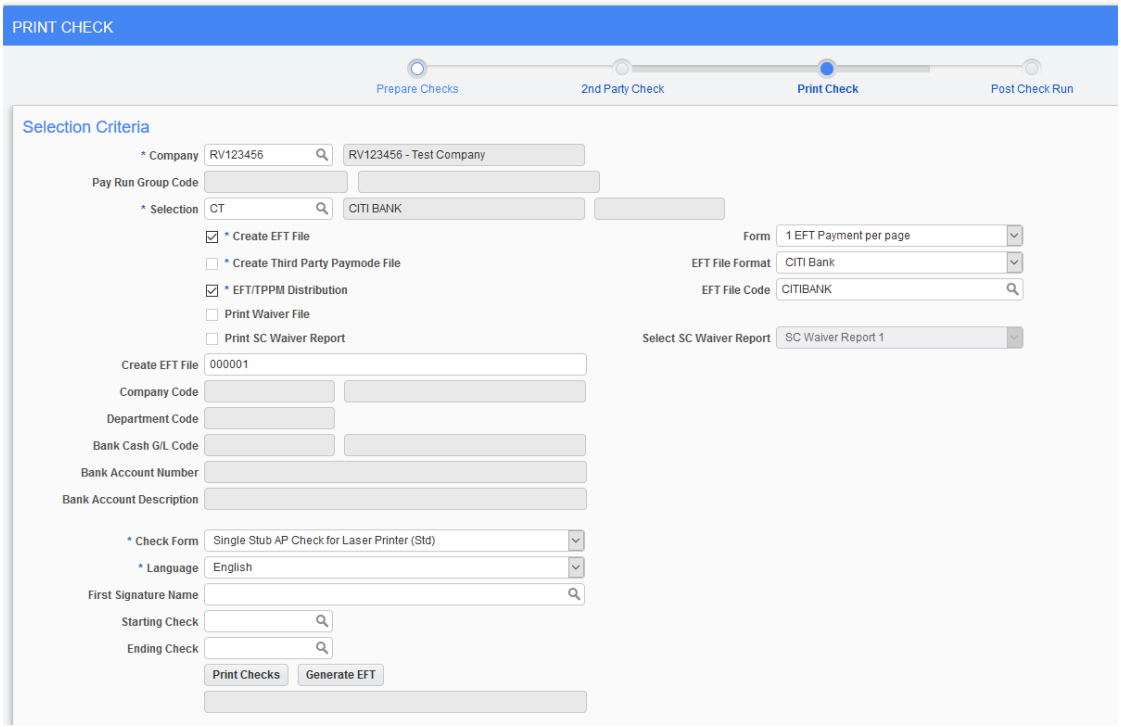
1. ACH File:

The following screen shows the ACH/EFT file format layout. The column fields must be updated by the user according to Banker's instruction.



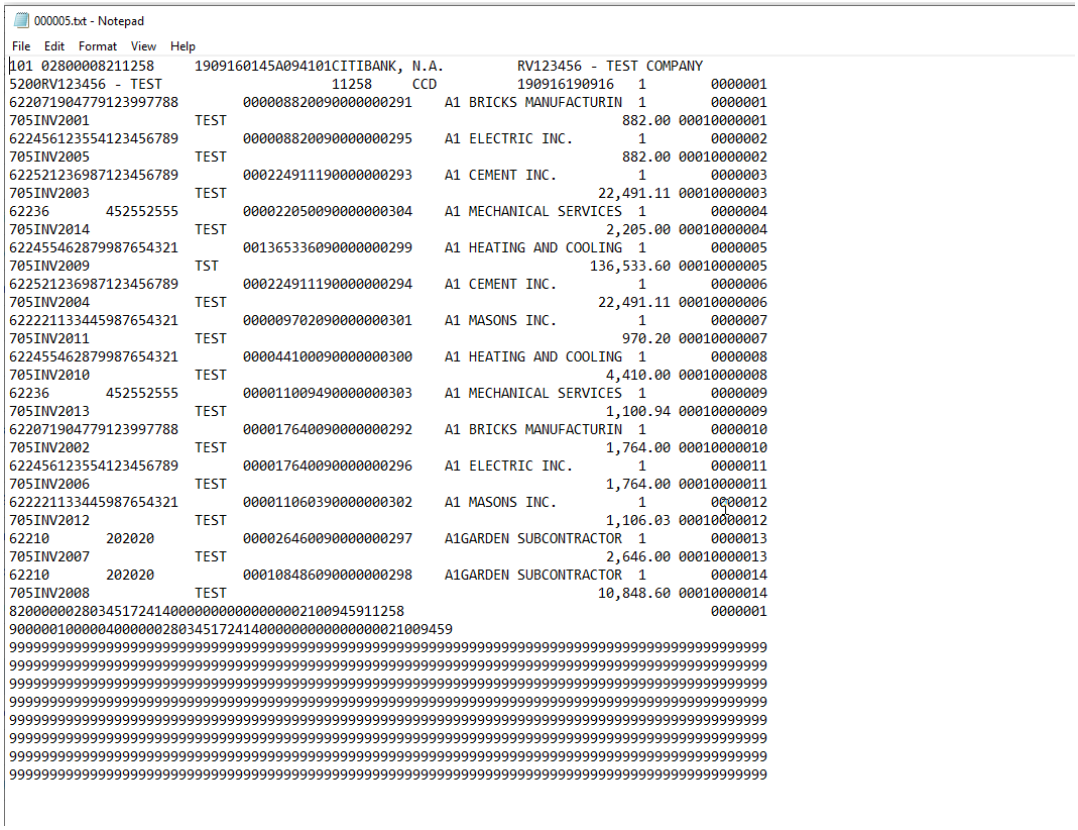
Once a Payment selection is created using EFT Payments, Checks can be prepared using the same Payment Selection Code.

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:



000005.txt - Notepad

File Edit Format View Help

```
101 02800008211258     1909160145A094101CITIBANK, N.A.         RV123456 - TEST COMPANY
5200RV123456 - TEST                    11258     CCD          190916190916   1        0000001
622071904779123997788        0000088200900000000291    A1 BRICKS MANUFACTURIN  1        0000001
705INV2001             TEST                                                 882.00 00010000001
622456123554123456789        0000088200900000000295    A1 ELECTRIC INC.        1        0000002
705INV2005             TEST                                                 882.00 00010000002
622521236987123456789        0002249111900000000293    A1 CEMENT INC.          1        0000003
705INV2003             TEST                                              22,491.11 00010000003
62236       452552555        0000220500900000000304    A1 MECHANICAL SERVICES  1        0000004
705INV2014             TEST                                               2,205.00 00010000004
622455462879987654321        0013653360900000000299    A1 HEATING AND COOLING  1        0000005
705INV2009             TST                                              136,533.60 00010000005
622521236987123456789        0002249111900000000294    A1 CEMENT INC.          1        0000006
705INV2004             TEST                                              22,491.11 00010000006
622221133445987654321        0000097020900000000301    A1 MASONS INC.          1        0000007
705INV2011             TEST                                                 970.20 00010000007
622455462879987654321        0000441000900000000300    A1 HEATING AND COOLING  1        0000008
705INV2010             TEST                                               4,410.00 00010000008
62236       452552555        0000110094900000000303    A1 MECHANICAL SERVICES  1        0000009
705INV2013             TEST                                               1,100.94 00010000009
622071904779123997788        0000176400900000000292    A1 BRICKS MANUFACTURIN  1        0000010
705INV2002             TEST                                               1,764.00 00010000010
622456123554123456789        0000176400900000000296    A1 ELECTRIC INC.        1        0000011
705INV2006             TEST                                               1,764.00 00010000011
622221133445987654321        0000110603900000000302    A1 MASONS INC.          1        0000012
705INV2012             TEST                                               1,106.03 00010000012
62210       202020           0000264600900000000297    A1GARDEN SUBCONTRACTOR  1        0000013
705INV2007             TEST                                               2,646.00 00010000013
62210       202020           0001084860900000000298    A1GARDEN SUBCONTRACTOR  1        0000014
705INV2008             TEST                                              10,848.60 00010000014
820000002803451724140000000000000000210945911258                                     0000001
900000100000400000028034517241400000000000000021009459
9999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999
9999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999
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```

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	nnnnnnnnn	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

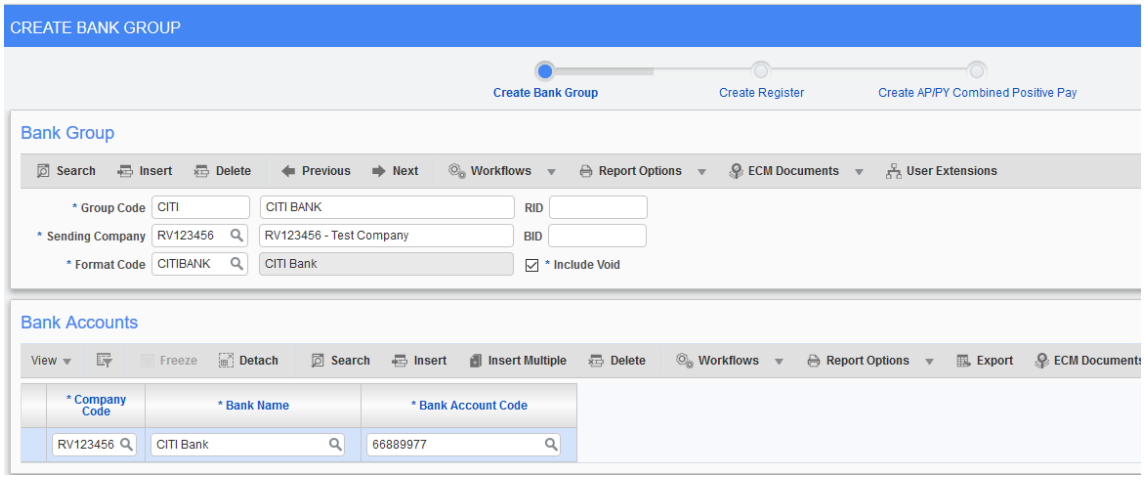
Field	Position	Length	Contents	Data Element Name/Comments
1	01-01	1	8'	Record Type Code
2	02-04	3	Numeric	Service Class Code
3	05-10	6	Numeric	Entry/Addenda Count
4	11-20	10	Numeric	Entry Hash
5	21-32	12	$$$$$$$cc	Total Debit Entry Dollar Amount in batch
6	33-44	12	$$$$$$$cc	Total Credit Entry Dollar 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

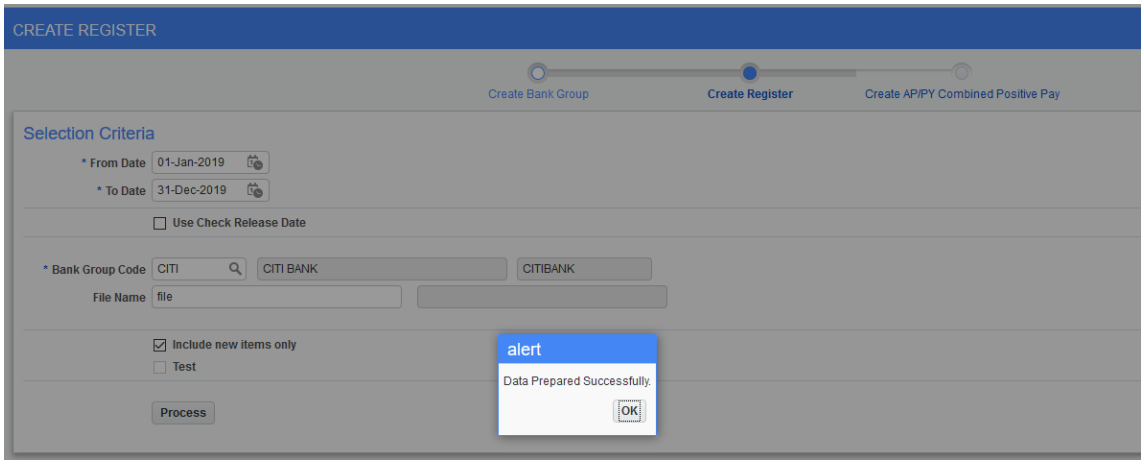
Field	Position	Length	Contents	Data Element Name/Comments
1	01-01	1	9	Record Type Code
2	02-07	6	Numeric	Batch Count
3	08-13	6	Numeric	Block Count
4	14-21	8	Numeric	Entry/Addenda Count
5	22-31	10	Numeric	Entry Hash
6	32-43	12	$$$$$$$$cc	Total Debit Entry Dollar Amount in File
7	44-55	12	$$$$$$$$cc	Total 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.



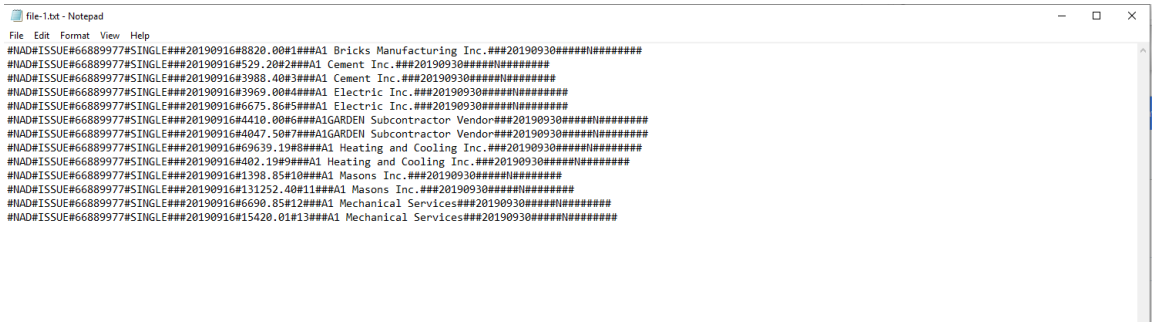
Financials>AP>Check>Positive Pay Register screen– TRAIN (Create Bank Group)



Financials>AP>Check>Positive Pay Register screen – TRAIN (Create Register)

Users have to Select the From & To Date, the Bank Group Code (CITI 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.

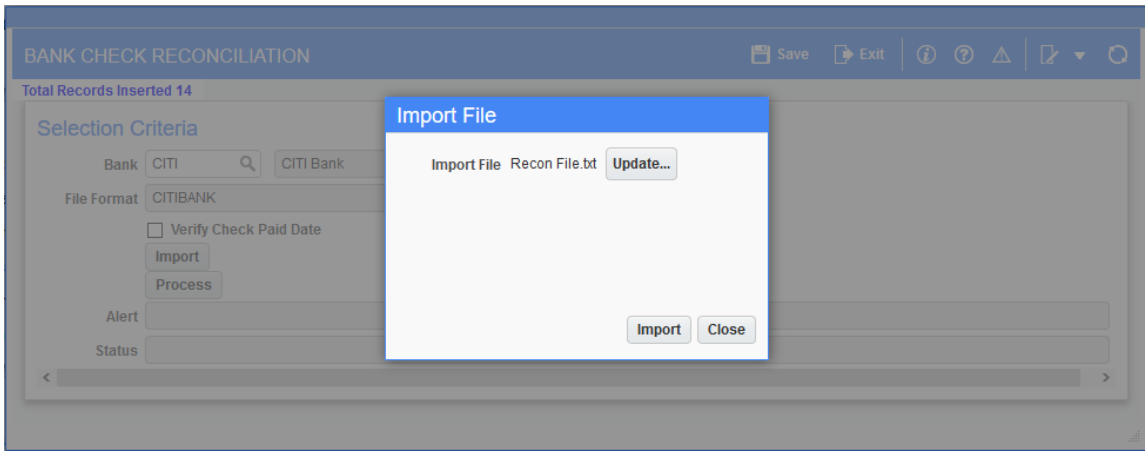
M/O/N Legend: M = Mandatory, O = Optional, N = Not used/Not applicable (do not use)
Note – Fields with no value and Place Holder fields must be delimited with a # symbol if any subsequent field contains data

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
```

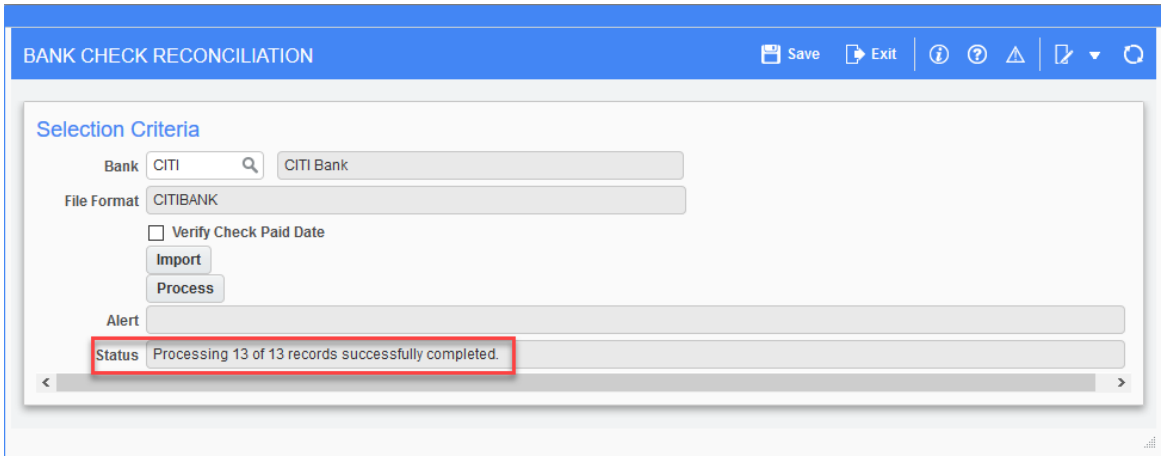
3. Bank Reconciliation

The following screen shows importing the Reconciliation file



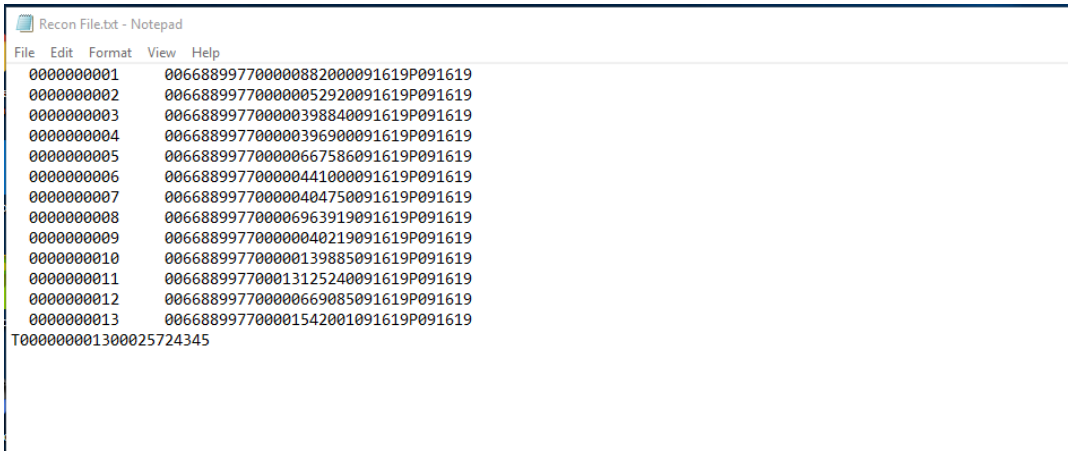
System>Global Tables>Banking>Electronic Reconciliation>Bank Reconciliation

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.

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.

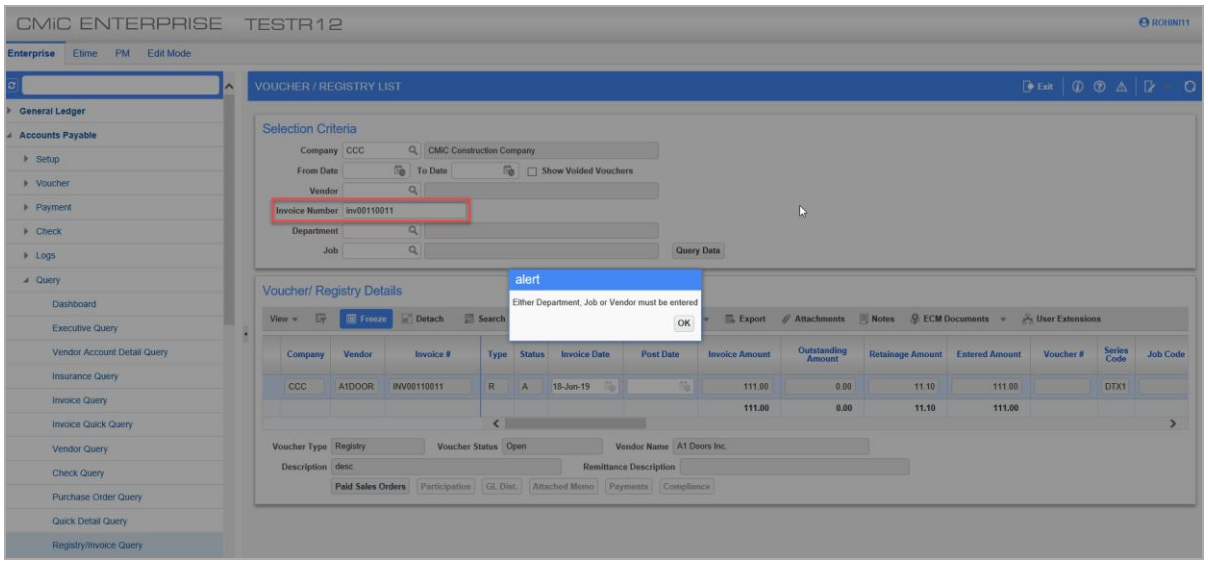
This new field is hidden by default. Can be added using Lite Editor.

Invoice Number field is not case sensitive for searching records.

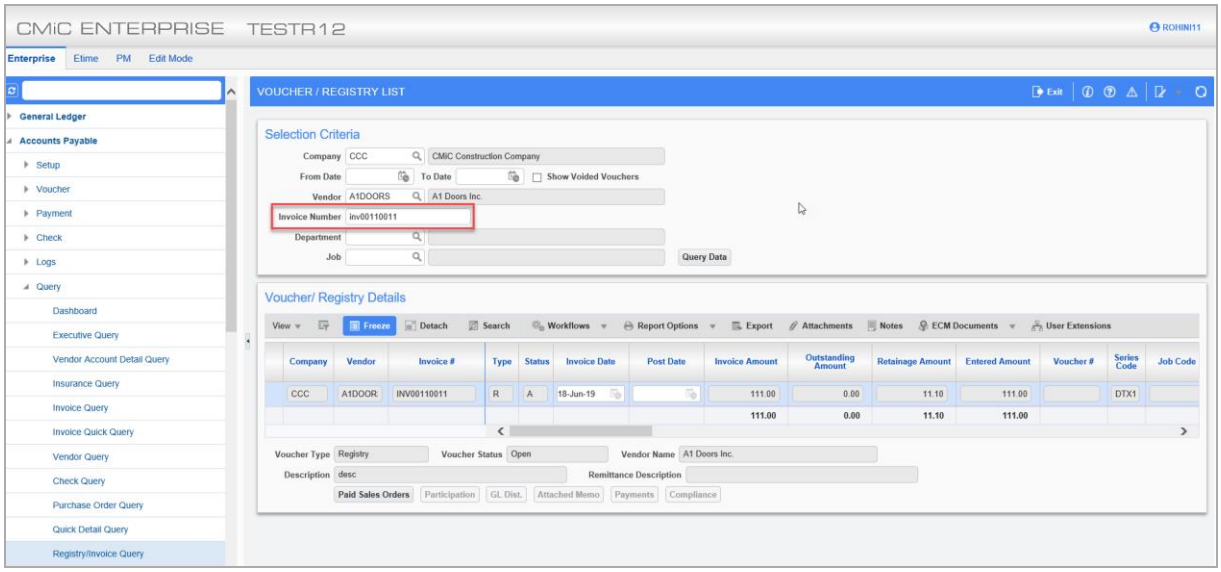
New field searches with wildcard characters as well.

Invoice Number must be entered along with either Department, Job or Vendor.

Below screenshot shows the alert message when only Invoice number is mentioned.



Below screenshot shows the newly added “Invoice Number” field in TESTR12. 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.



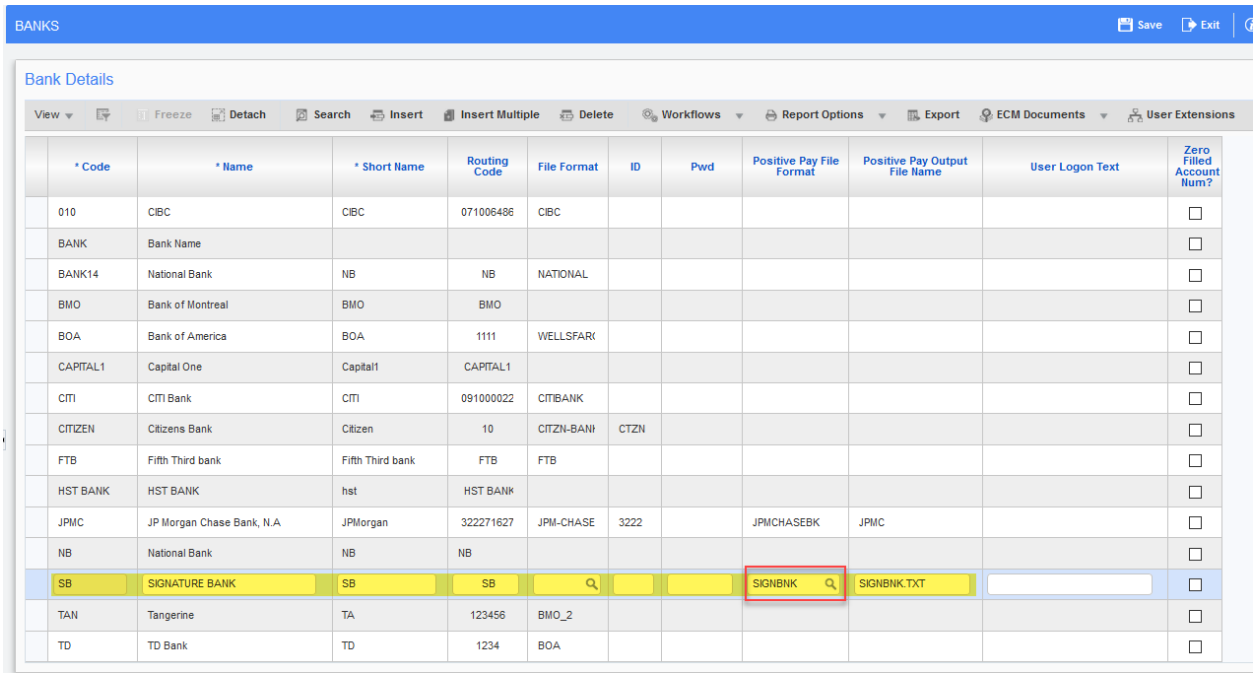
Added new field “Invoice Number” to Register/Invoice Query Selection Criteria screen.

Signature Bank – Multi positive Pay Format (19.84254)

There is a requirement to create POSITIVE PAY format for Signature BANK. The requirement details are further mentioned.

A new Multi-positive pay format (AP/PY combined) for SIGNATURE BANK based on the Specification document has been created.

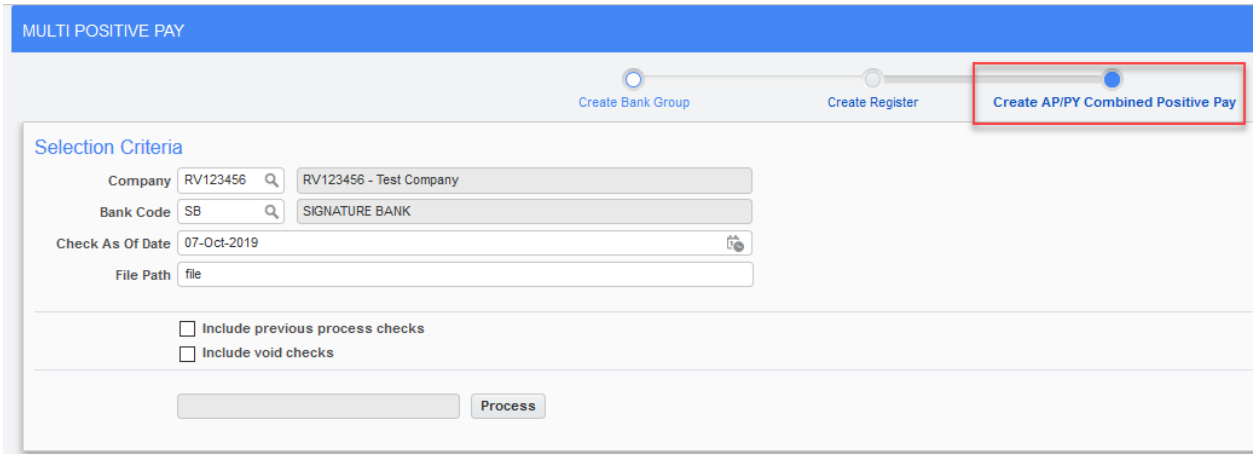
Following screen shows the new positive pay file format code created and associated to the Signature Bank.



Systems>Global Tables>Banking>Banks screen

Following screen shows how to generate the file using multi-positive pay.

User must click on Create “AP/PY Combined Positive Pay” button on the train before generating the file. Once after entering all the details like company, Bank Code, check date and file path where the file needs to be stored, click on Process and the file is generated.



AP>Check>Positive Pay Register screen

The below screen shows the specification document, which specifies the file format.

POSITIVE PAY PAYEE (PPP)

Field Name	Data Type	Start	Width	
Check Date	Date (MMDDYY)	1	6	
Check Amt	0 filled right justified	7	11	
Check No	0 filled right justified	18	10	
Payee Name 1	Text (NO SYMBOLS)	28	40	
Payee Name 2 / Address 1	Text (NO SYMBOLS)	68	40	optional
Address 2	Text (NO SYMBOLS)	108	40	optional
Account Number	Text	148	10	
void ind	Text	158	1 ("v" = void" else " ")	

FILE REQUIRED IN TXT FORMAT and MUST CARRIAGE RETURN AT 158

The following screen shows the sample file generated using multi-positive pay.

Wells Fargo Positive Pay file – Positive Pay Format (19.85258)

There is a requirement to create POSITIVE PAY format for Wells Fargo BANK. The requirement details are further mentioned.

A new positive pay format WFARGO_DSG in R12 ADF for Wells Fargo BANK based on the Specification document has been created.

In R12 this format will only be available in ADF.

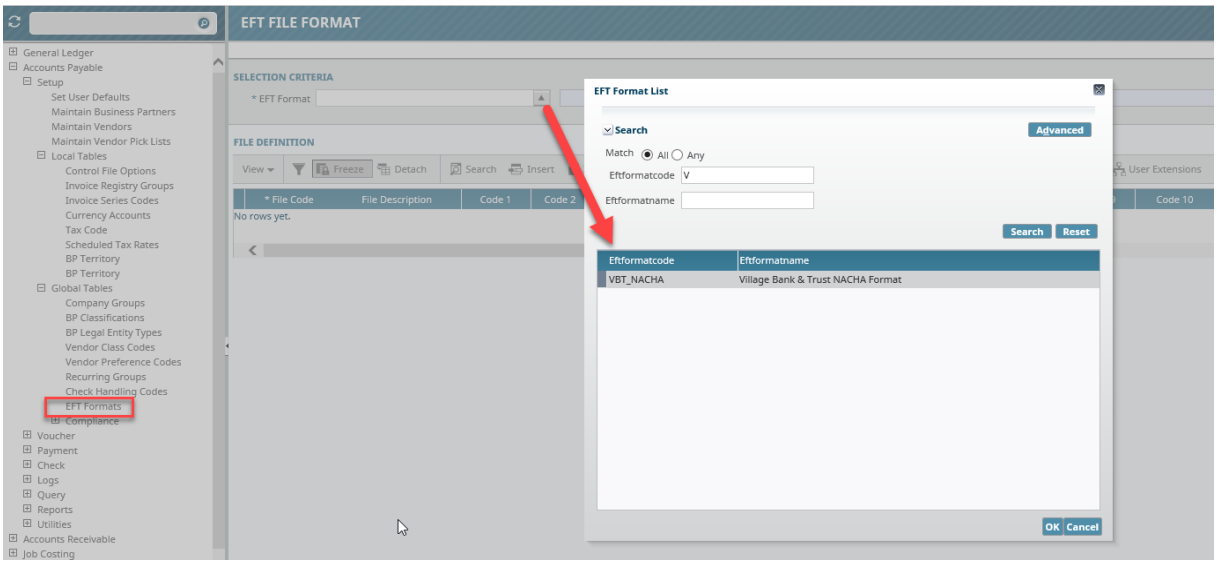
FCBUILD EFT Format for Village Bank & Trust (19.87990)

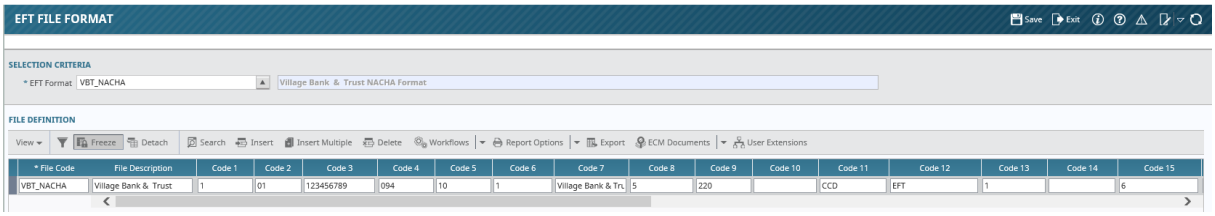
Created a new EFT/ACH – NACHA file format for Village Bank & Trust.

Modifications:

Created an entry VBT_NACHA in EFT Format setup.

The following screens show the typical setup for the EFT Format. Users may update the code values as required.





Bank Format for Cheque Fraud Prevention Program (19.86724)

Client request for new AP positive pay file format.

CMIC will create a new AP positive pay file format as per the file specification "CFPIssuedChequeFileFormat.pdf"

New Format Code: TD_BANK_4

Description: TD Bank (Format# 4)

Two new fields Positive Pay Cust Id. and TD PosPay Last File Number added to Bank Account Maintenance Screen.

HORIZON Positive Pay file – Positive Pay Format Enhancement (19.83748)

Client (HORIZON) would like a quote on a positive pay format - They currently use the ASCII Text Comma Delimited option, and include the Payee (optional) but don't include anything in the User Data column (optional).

CMIC created AP Positive pay format as per the sample file "WBTUpload 07-31-2019(1).csv" attached to the issue.

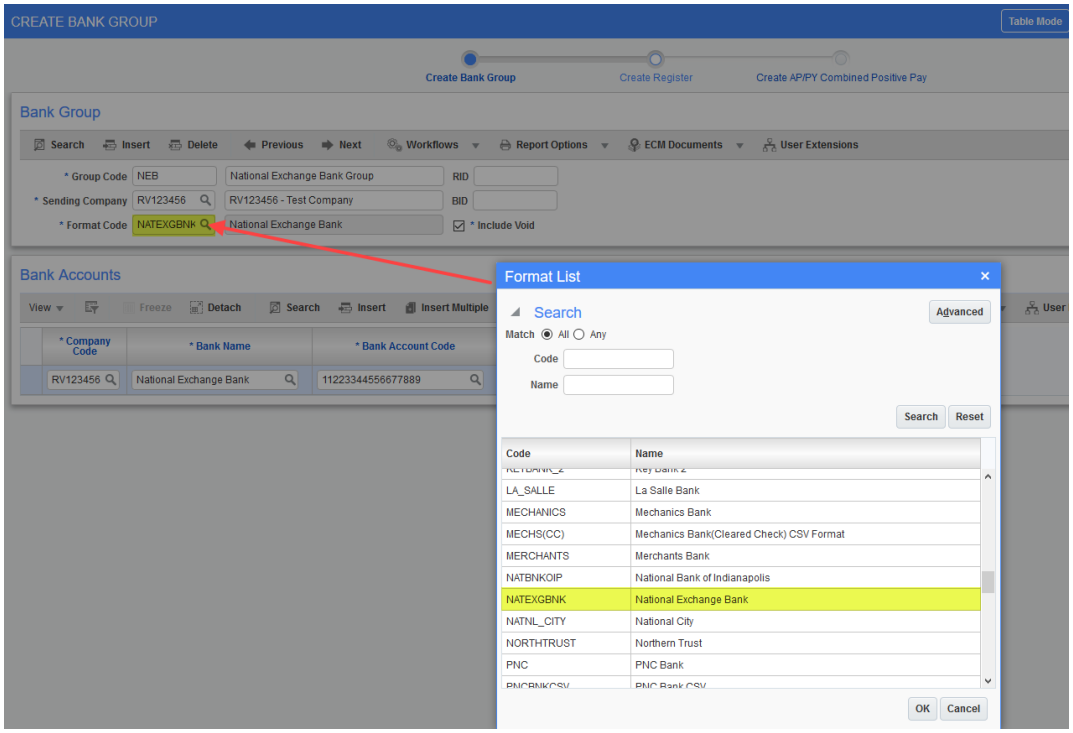
Positive Pay File for National Exchange Bank (19.91821)

Added a Positive Pay File Format for ‘National Exchange Bank’. The following 6 fields are available in the following format and sequence.

Issue Type	Account Num.	Check Num.	Issued Date	Amount	Payee
I = issue V = void	Up to 17 numeric digits.	Up to 15 numeric digits.	In MMDDYY format.	Between 00-100,000,000.00	Vendor name up to 96 characters (accepts special characters)

There is a new entry (‘NATEXGBANK’) added to the LOV for the ‘Format Code’ list field in bank group maintenance program.

Users may create a new group for National Exchange Bank by choosing the format code ‘NATEXGBANK’ and associate Company, Bank Account combinations as required.



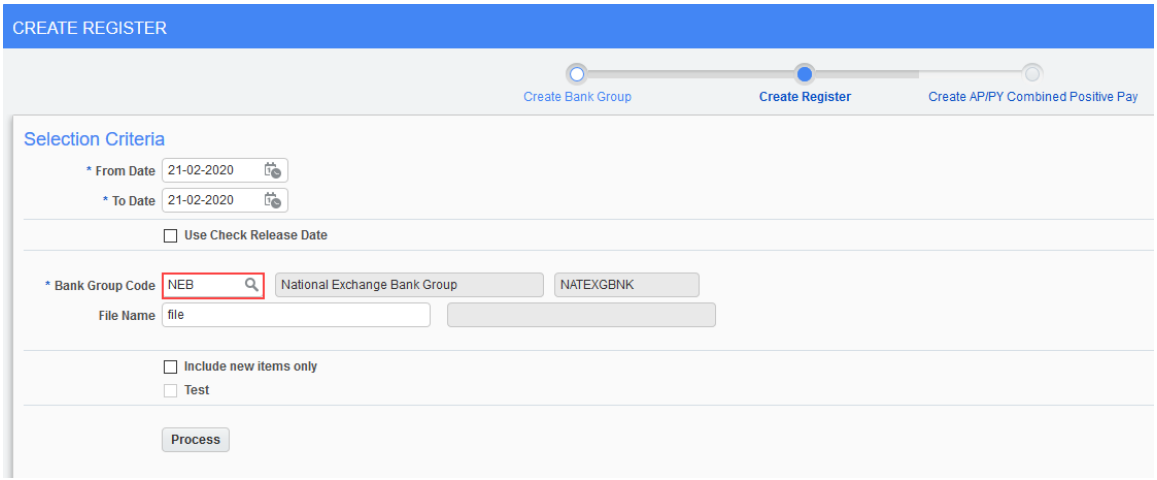
AP>Checks>Positive Pay Register>Create Bank Group

To create the Positive Pay Register, click on the create register in the process train.

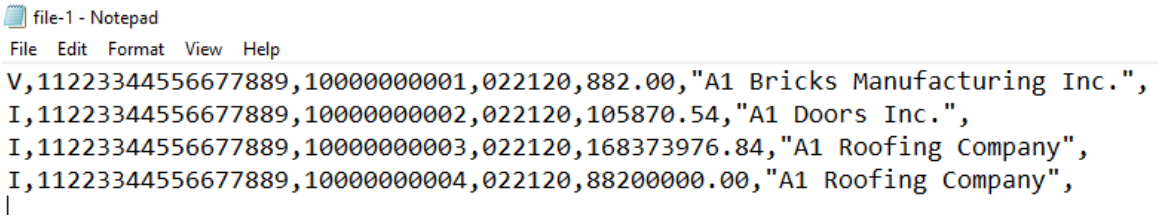
Select the bank group that was created for this purpose.

Enter the From / To dates to limit the checks selection for which you want to print the positive pay file.

Click on Process to proceed.



AP>Checks>Positive Pay Register>Create Register



National Exchange Bank Positive Pay File Format Sample generated from CMiC

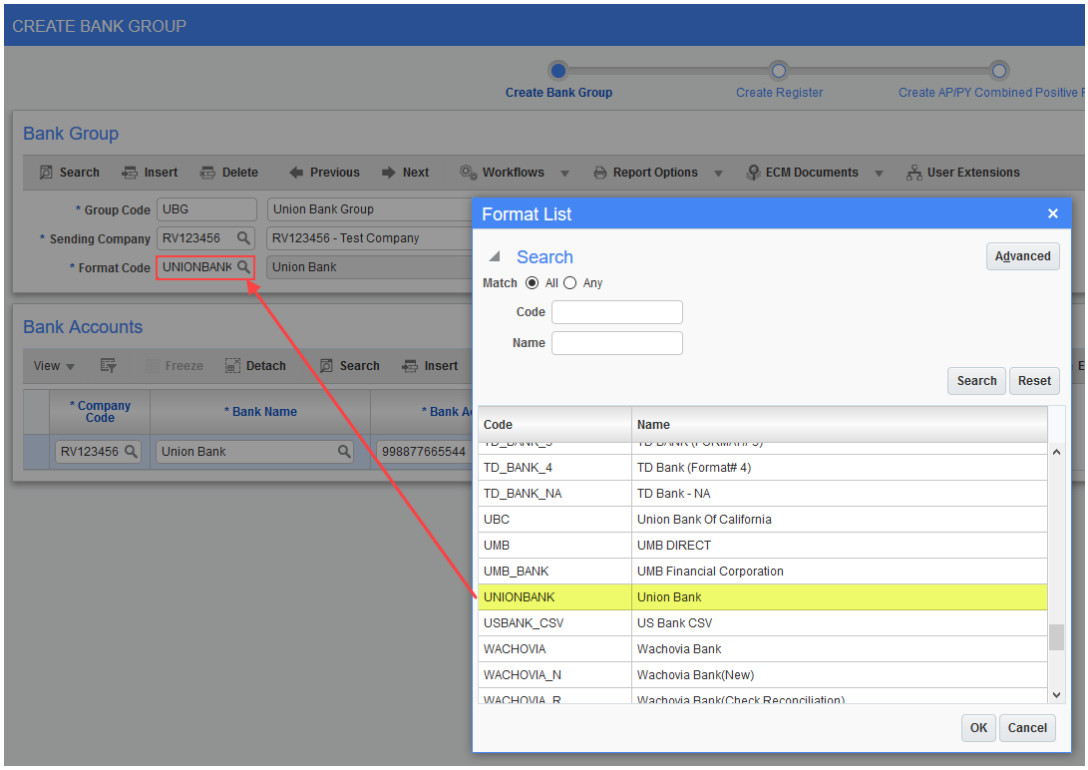
Positive Pay File Format for Union Bank (20.18504)

Added an AP Positive Pay Format (comma delimited) for 'Union Bank'. The 4 fields are available in the following format and sequence.

Check Num.	Issue Date	Amount	Issue Type
Up to 10 numeric digits.	In MM/DD/YYYY format.	Cents must be separated by decimal point. (Note: voided check records must contain zeroes in this field)	I = issue V = void

There is a new entry ('UNIONBANK') added to the LOV for the 'Format Code' list field in bank group maintenance program.

Users may create a new group for Union Bank by choosing the format code 'UNIONBANK' and associate Company, Bank Account combinations as required.



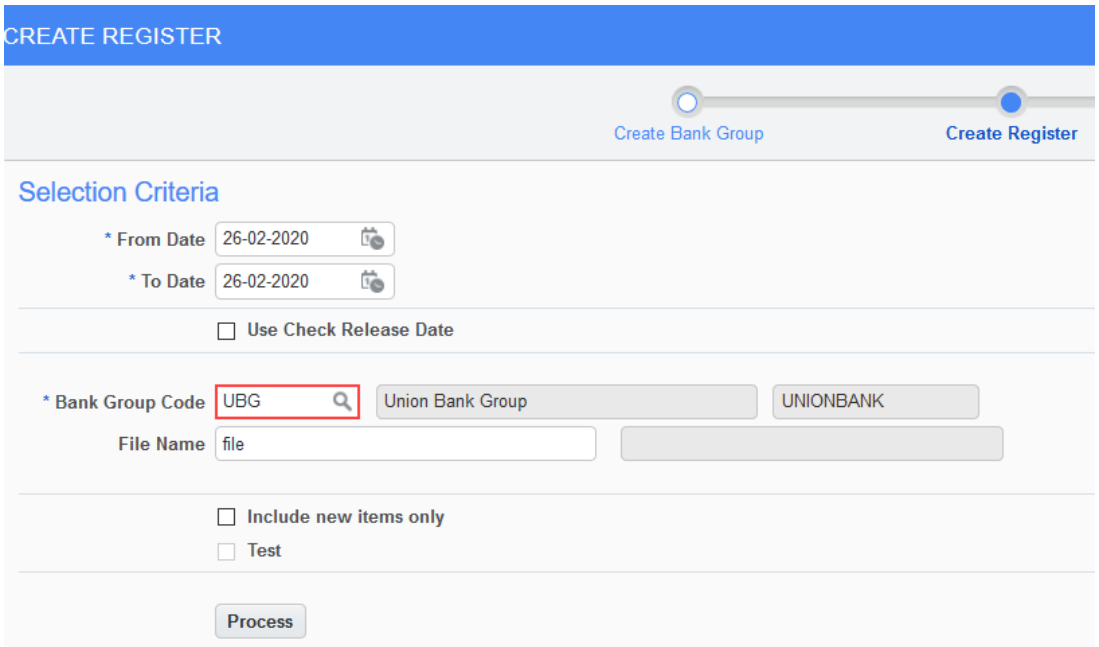
AP>Checks>Positive Pay Register>Create Bank Group

To create the Positive Pay Register, click on the create register in the process train.

Select the bank group that was created for this purpose.

Enter the from/to dates to limit the checks selection for which you want to print the positive pay file.

Click on Process to proceed.



AP>Checks>Positive Pay Register>Create Register

file-1 - Notepad

File Edit Format View Help

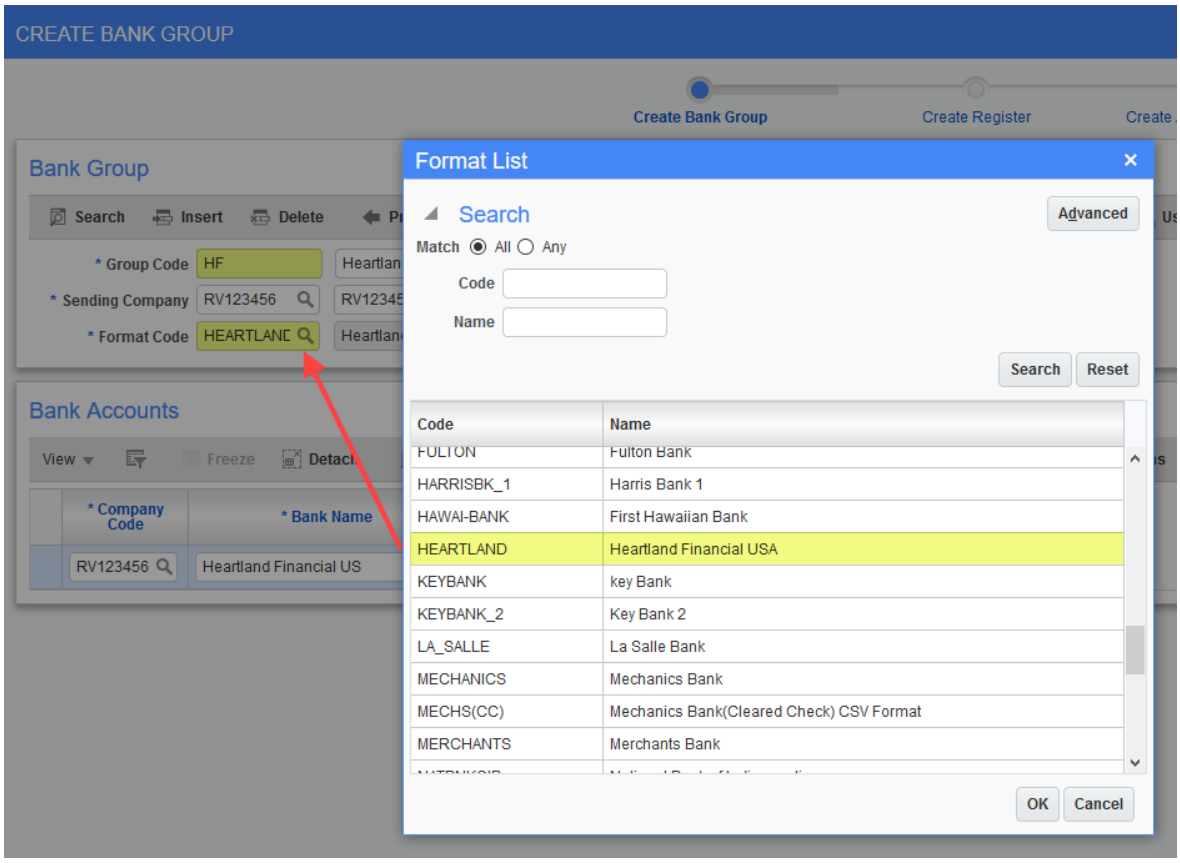
```
98000000018,02/26/2020,496022.89,I
98000000019,02/26/2020,0.00,V
98000000020,02/26/2020,882.00,I
98000000021,02/26/2020,22662753.31,I
```

Union Bank Positive Pay File Format Sample generated from CMiC

Positive Pay File Format for Hartland Financials (19.83748)

Added a new AP Positive Pay Format (comma delimited) for 'Heartland Financials'.

The new Positive Pay format for 'Heartland Financials' will have 8 fields. There is a new entry ('HEARTLAND') added to the LOV for the 'Format Code' list field in bank group maintenance program. Users may create a new group for Heartland Financials by choosing the format code 'HEARTLAND' and associate Company, Bank Account combinations as required.



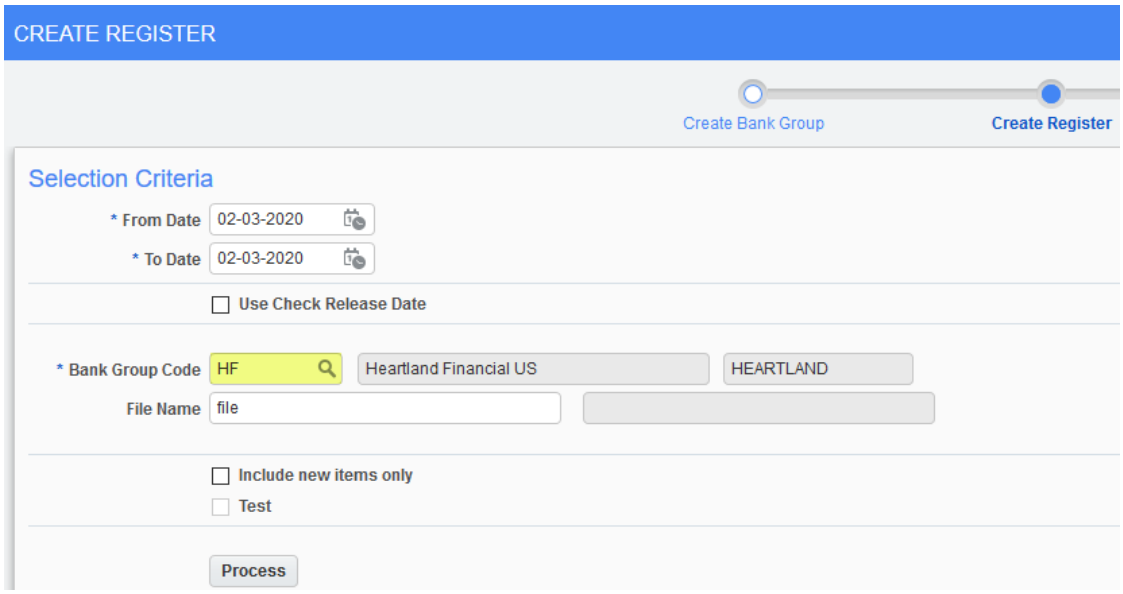
Tree view: Financials>AP>Checks>Positive Pay Register>Create Bank Group

To create the Positive Pay Register, click on the create register in the process train.

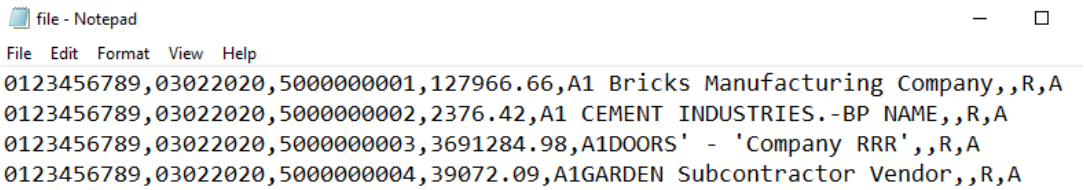
Select the bank group that was created for this purpose.

Enter the from / To dates to limit the checks selection for which you want to print the positive pay file.

Click on Process to proceed.



Tree view: Financial>AP>Checks>Positive Pay Register>Create Register

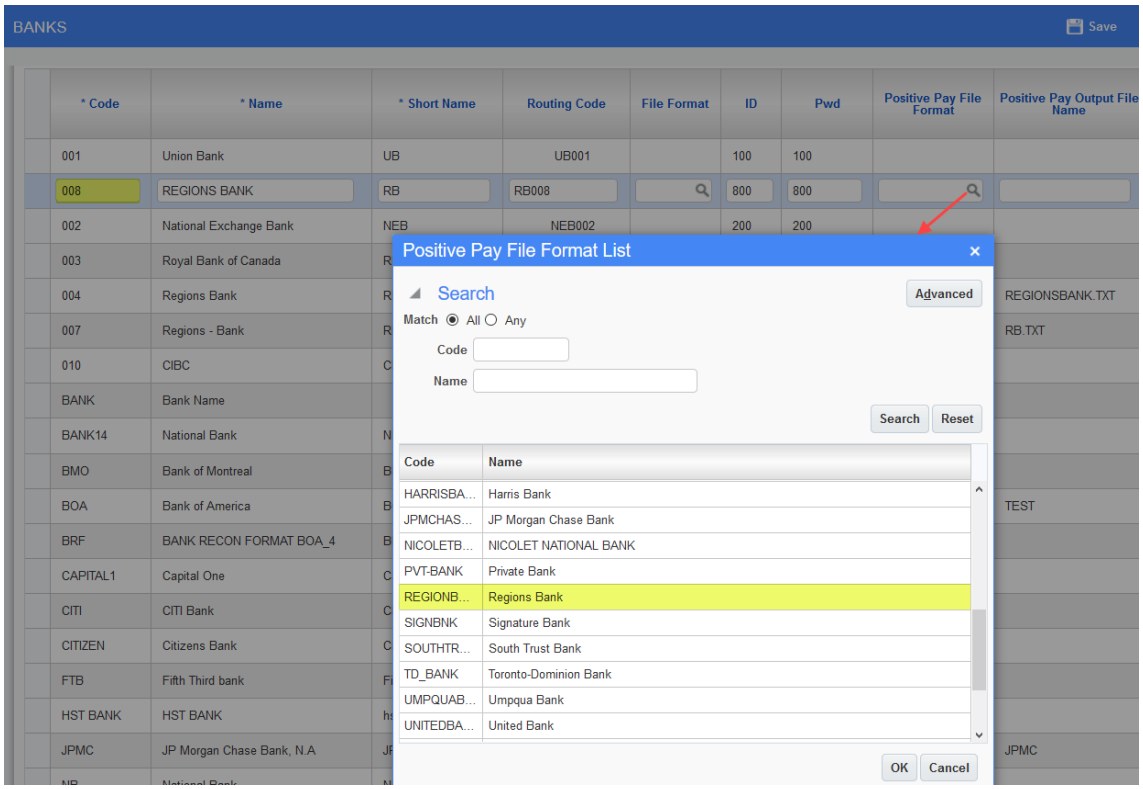


Heartland Financials Positive Pay File Format Sample generated from CMiC

AP/PY Combined Positive Pay File for Regions Bank (20.18508)

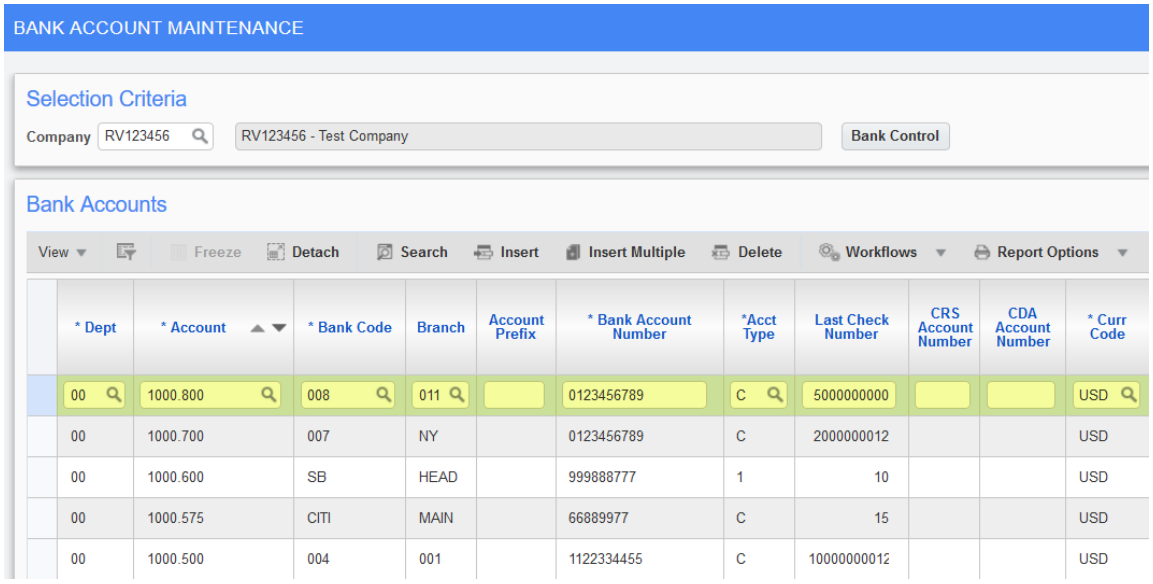
Added an AP/PY combined Positive Pay File Format for 'Regions Bank' with 6 data fields.

Users will be able to add the 'REGIONSBANK' Positive pay File Format to Bank maintenance, upon entering a new bank or to an existing bank record.



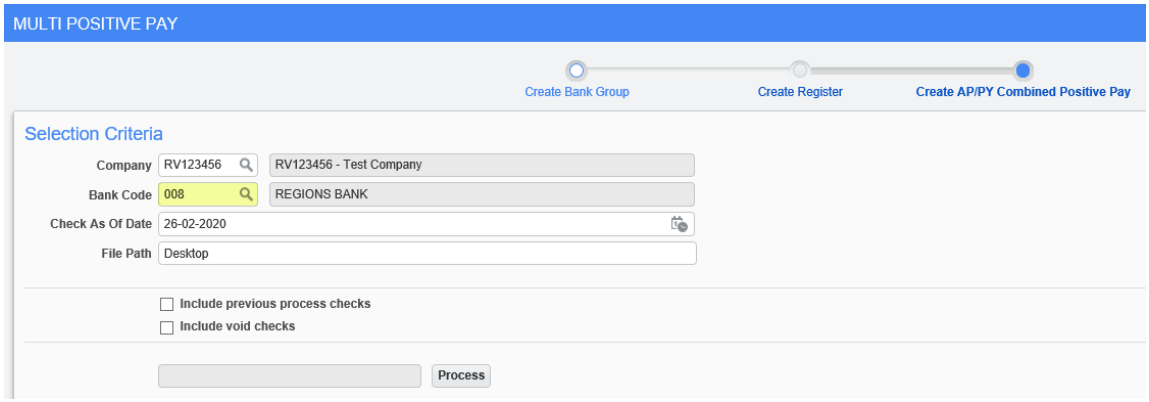
System Data>Global Tables>Banking>Banks

The following screen shows the Bank Account maintenance program, where an account is associated with the bank that is created with the specific file format.



System Data>Global Tables>Banking>Bank Account

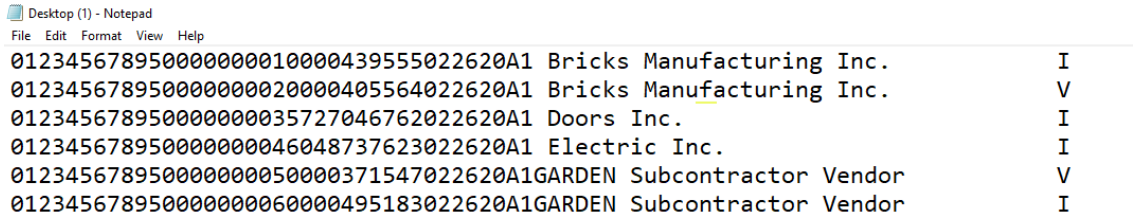
In AP Positive Pay Register go to the ‘Create AP/PY Combined Positive Pay’ in the process train. Select the same bank code that was associated with the ‘REGIONSBANK’ Positive pay File Format. Select the date as of the checks to be printed for. Enter the path where it needed to be saved after file generation.



Financials>AP>Check>Positive Pay Register>Create AP/PY Combined Positive Pay

Check the ‘Include previous process checks’ to add the previous checks according to the selection.

Check the ‘Include void checks’ to get the void checks data printed in the file.



The following is the File Format Specifications from Regions Bank.

Input 156				
File Format:				
Format:	Fixed			
Record Length:	52			
Ascii:	Y			
Issue Record Format:				
	Starting Positic	**Field Length**	**Data Format**	**Comments**
Account Number	1	10	Numeric	RJZF
Serial Number	11	10	Numeric	RJZF
Amount	21	10	Numeric	Implied Dec 2 places RJZF
Issue Date	31	6	Date	MMDDYY
Payee Name	37	40	Character	LJSF
Transaction Code	77	1	Character	Anything other than "V"
Void Record Format:				
	Starting Positic	**Field Length**	**Data Format**	**Comments**
Account Number	1	10	Numeric	RJZF
Serial Number	11	10	Numeric	RJZF
Amount	21	10	Numeric	Implied Dec 2 places RJZF
Issue Date	31	6	Date	MMDDYY
Payee Name	37	40	Character	LJSF
Transaction Code	77	1	Character	"V"

New 'Account Name' Columns in AP invoice Log (19.91131)

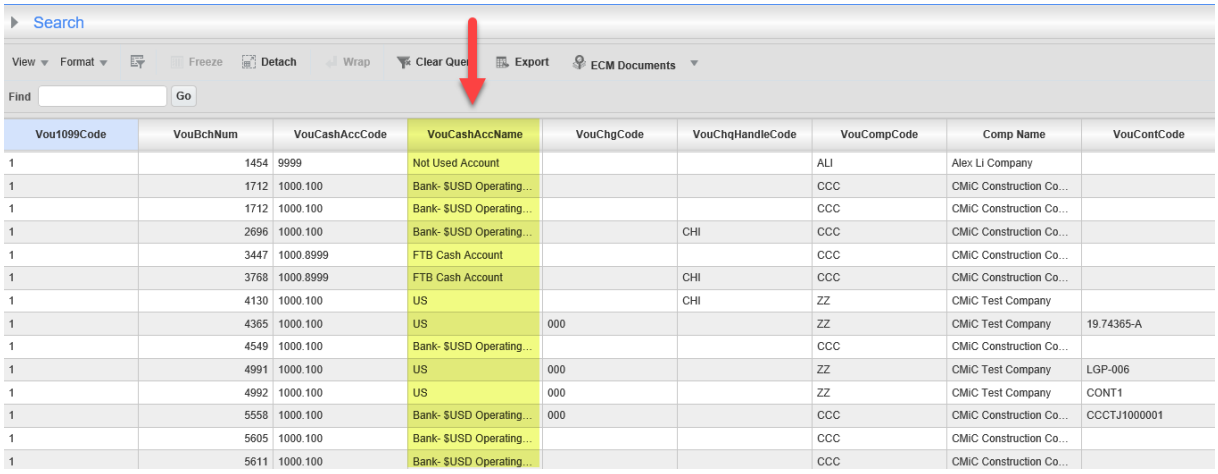
Added the following two columns to the AP Invoices Log View (DA.AP_INVOICE_LOG_V):

VOU_CASH_ACC_NAME

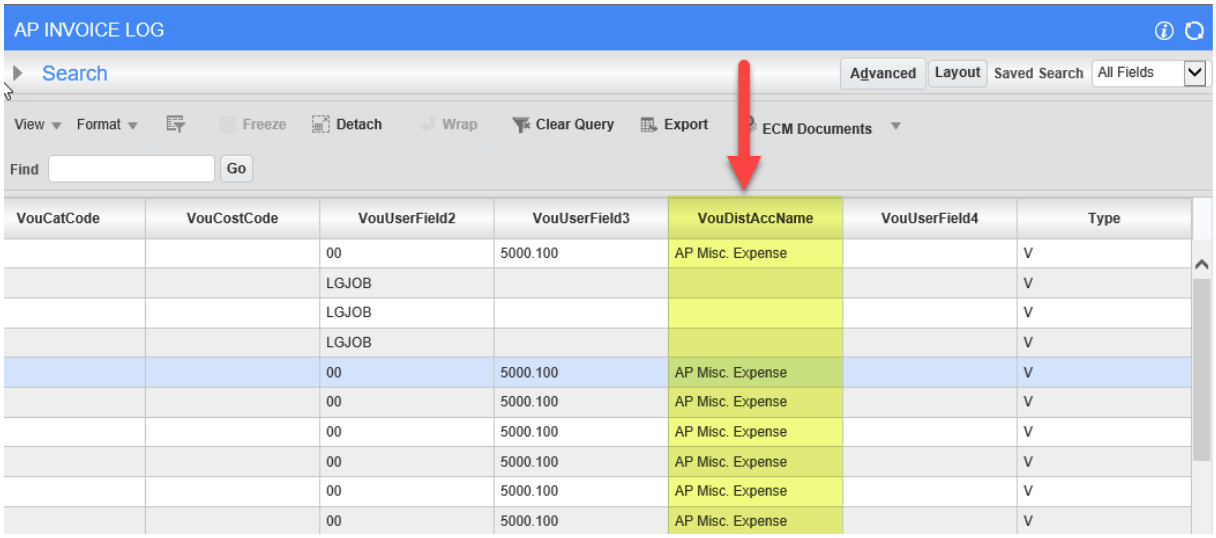
VOU_DIST_ACC_NAME

Users may create new AP Invoices Logs, based on the existing log view DA.AP_INVOICE_LOG_V.

These columns can be repositioned and made visible as required.



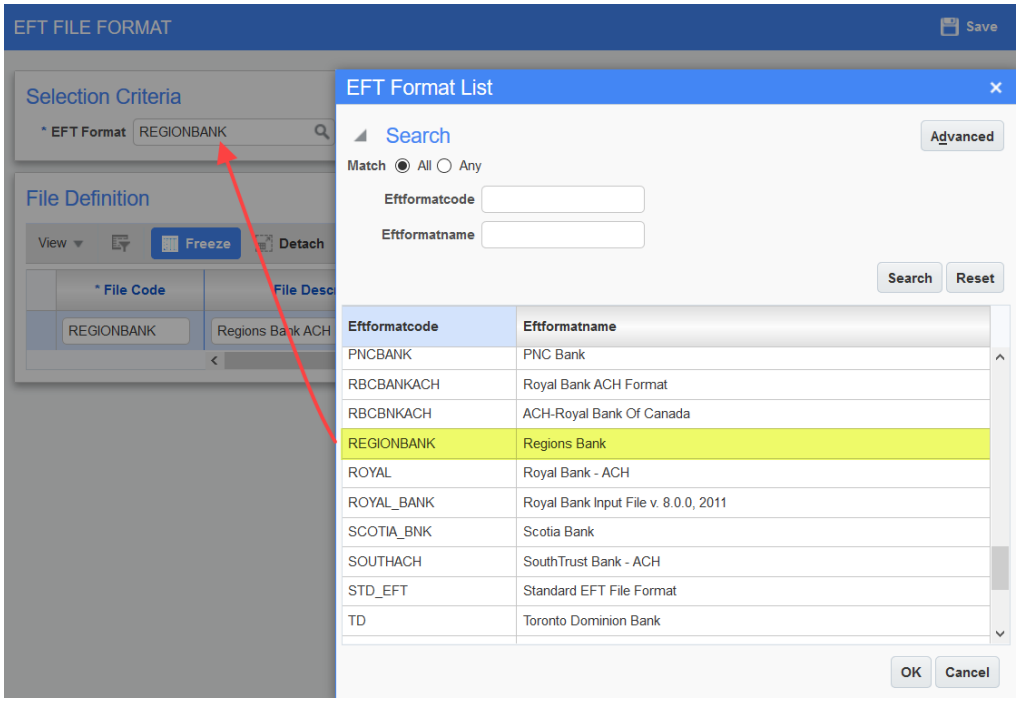
Vou1099Code	VouBchNum	VouCashAccCode	VouCashAccName	VouChgCode	VouChqHandleCode	VouCompCode	Comp Name	VouContCode
1	1454	9999	Not Used Account			ALI	Alex Li Company	
1	1712	1000.100	Bank- $USD Operating...			CCC	CMiC Construction Co...	
1	1712	1000.100	Bank- $USD Operating...			CCC	CMiC Construction Co...	
1	2696	1000.100	Bank- $USD Operating...		CHI	CCC	CMiC Construction Co...	
1	3447	1000.8999	FTB Cash Account			CCC	CMiC Construction Co...	
1	3768	1000.8999	FTB Cash Account		CHI	CCC	CMiC Construction Co...	
1	4130	1000.100	US		CHI	ZZ	CMiC Test Company	
1	4365	1000.100	US	000		ZZ	CMiC Test Company	19.74365-A
1	4549	1000.100	Bank- $USD Operating...			CCC	CMiC Construction Co...	
1	4991	1000.100	US	000		ZZ	CMiC Test Company	LGP-006
1	4992	1000.100	US	000		ZZ	CMiC Test Company	CONT1
1	5558	1000.100	Bank- $USD Operating...	000		CCC	CMiC Construction Co...	CCCTJ1000001
1	5605	1000.100	Bank- $USD Operating...			CCC	CMiC Construction Co...	
1	5611	1000.100	Bank- $USD Operating...			CCC	CMiC Construction Co...	



EFT File Format for Regions Bank (20.18787)

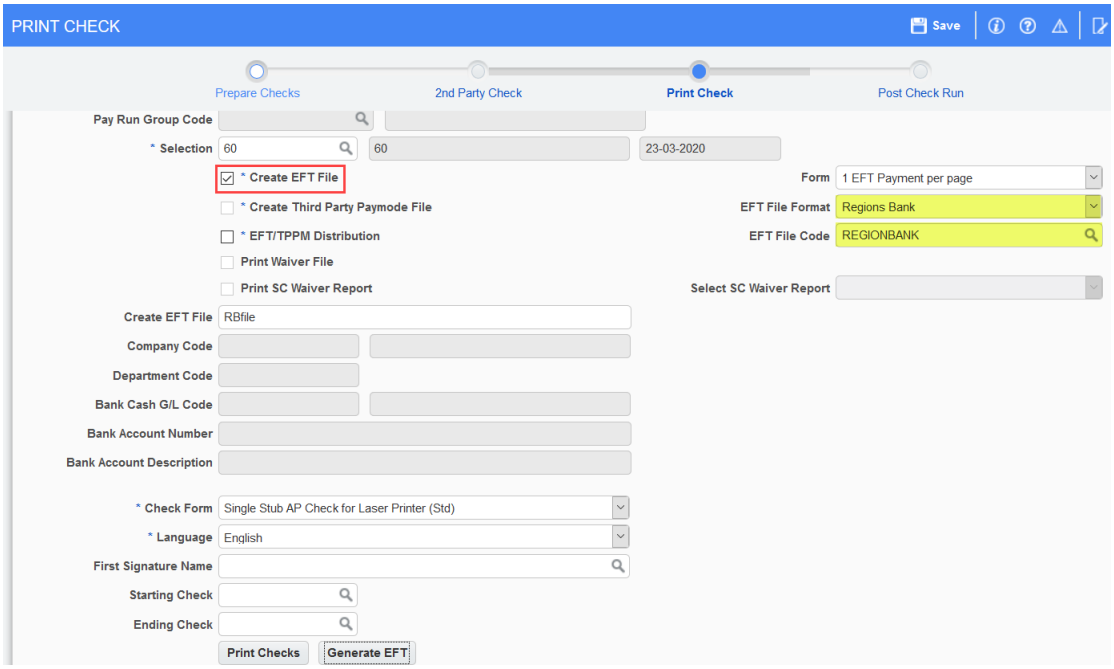
Added a new entry ('REGIONSBANK') added to the LOV for the 'EFT Format' list field in global tables of AP setup.

Users may create a new file for Regions Bank by choosing the EFT format 'Regions Bank'.



Financials>AP>Setup>Global Tables>EFT Format

To print the EFT file for Regions Bank, go to AP print check. Activate the 'Create EFT File' flag and select the 'EFT File Format' and 'EFT File Code' from the list. Give the file name by which EFT file should be saved.



Financial>AP>Check>Print Check>Print Check

```
101 062000019          2003230403A094101REGIONS BANK           RV123456 - TEST COMPANY
5200RV123456 - TEST                    11258     CCDPAYABLES  MAR 23200323   1062000010000001
622071904779123997788        0005819758A1BRICKS       A1 BRICKS MANUFACTURIN  0062000010000001
8200000001000719047700000000000000000581975811258                              062000010000001
900000100000100000001000719047700000000000000005819758
9999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999
9999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999
9999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999
9999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999
9999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999
```

Regions Bank EFT File Format Sample generated from CMiC

File Header Record Type Code	Priority Code	Immediate Destination	Record Size	Blocking Factor	Format Code	Originating Bank	Reference Code
1	01	083901744	094	10	1	Regions Bank	

Batch Header Record	Service Class Code	Comp Discretionary Data	Standard Entry Class Code	Company Entry Description	Originator Status Code	Originating DFI Id
5	200		CCD	Payables	1	08390174

Entry Detail Record Type Code	Transaction Code	Discretionary Data	Addenda Record Indicator	Trace Number
6	22		0	08390174

Addenda Record Type Code	Addenda Type Code	Payment Related Info
7	05	

Batch Control Record Type Code	Service Class Code	Message Authentication Code	Reserved	Originating DFI Identification
8	200	(13 blank spaces)	(6 Blanks)	08390174

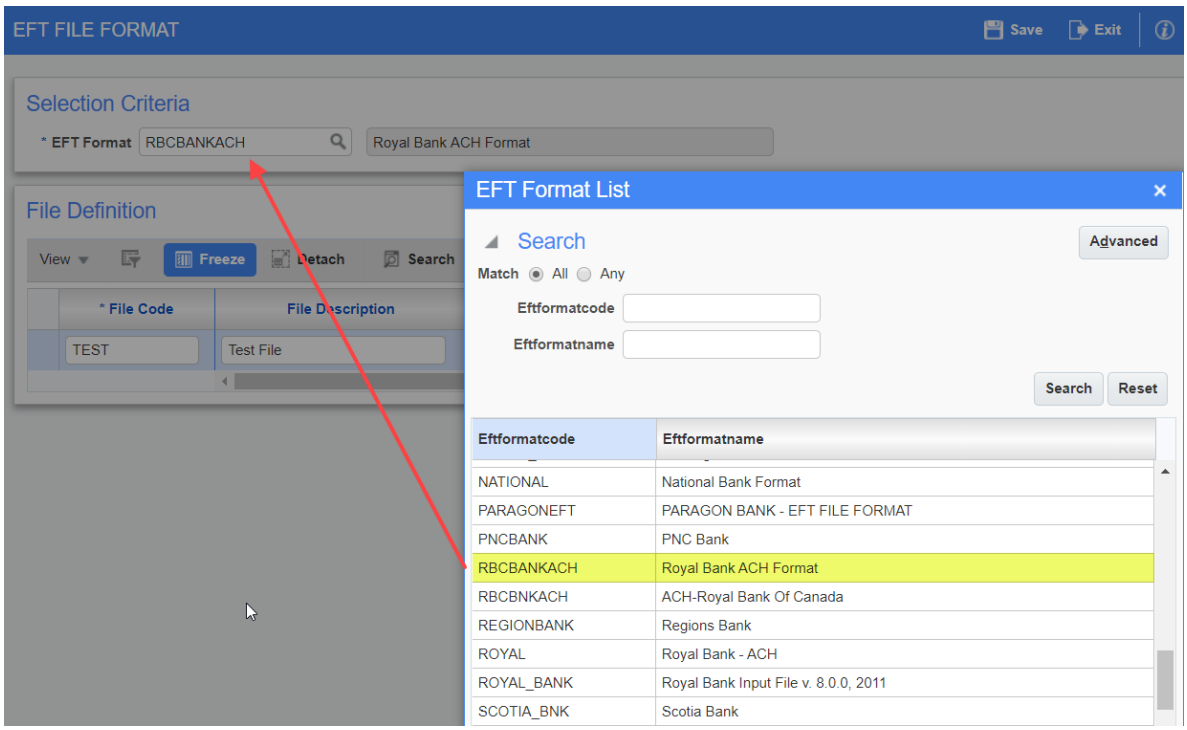
File Control Record Type Code	Reserved
9	

Regions Bank Prescribed EFT File Format

EFT File Format for RBC Bank (19.79780)

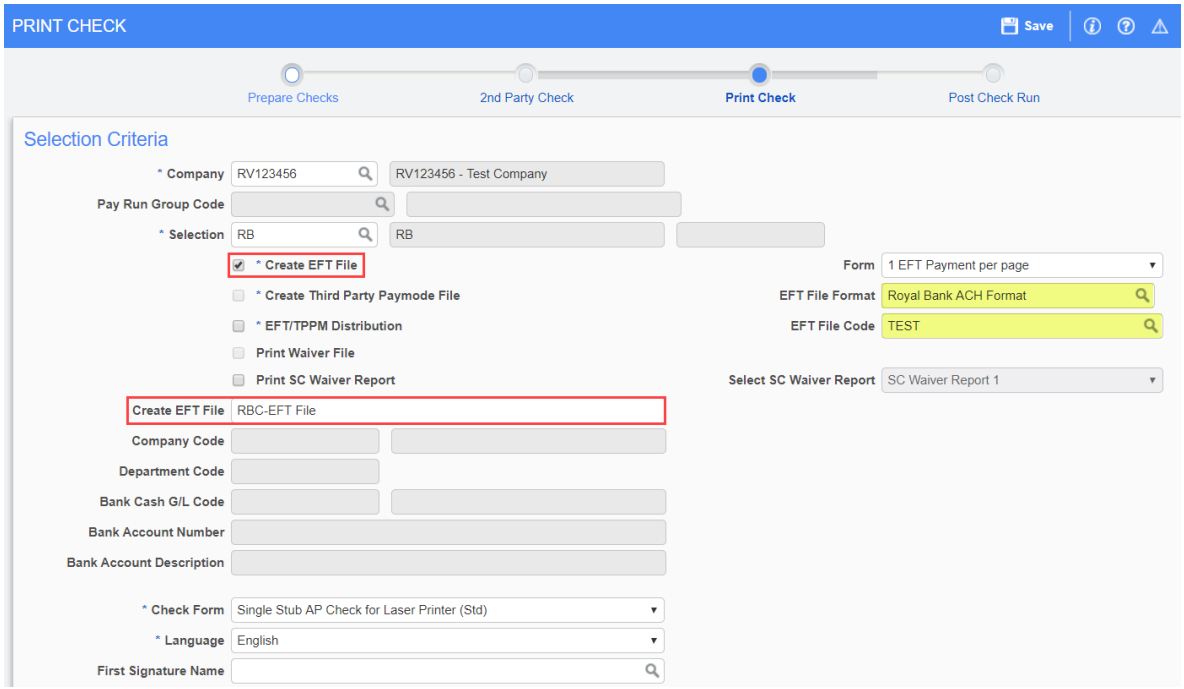
Added a new entry ('RBCBANKACH') added to the LOV for the 'EFT Format' list field in global tables of AP setup.

Users may create a new file for RBC Bank by choosing the EFT format 'RBCBANKACH'.



Financials>AP>Setup>Global Tables>EFT Format

To print the EFT file for RBC Bank, go to AP print check. Activate the ‘Create EFT File’ flag and select ‘Royal Bank ACH Format’ for EFT File Format and ‘TEST’ for EFT File Code from the list. Give the file name by which EFT file should be saved.



Financial>AP>Check>Print Check>Print Check

```
$$AAPDSTD0152[TEST[NL$$
000001AHDR0000RV123456 - Test Company       02042020093CAD1
000002C460      0000 A1BRICKS          0071904779123997788          0000105840      2020079A1 Bricks Manufacturing Inc.  E              USD CAN    N
000003ZTRL      000000000100000000105840000000000000000000000000000000
```

RBC Bank EFT File Format Sample generated from CMiC

		Service	
		PAP *	**PDS ***
FORMAT	**ACH** *0094*	$$AAPAACH0094[PROD[NL$$	$$AAPDACH0094[PROD[NL$$
	CPA *1464*	$$AAPACPA1464[PROD[NL$$	$$AAPDCPA1464[PROD[NL$$
	RBC *0152*	$$AAPASTD0152[PROD[NL$$	$$AAPDSTD0152[PROD[NL$$

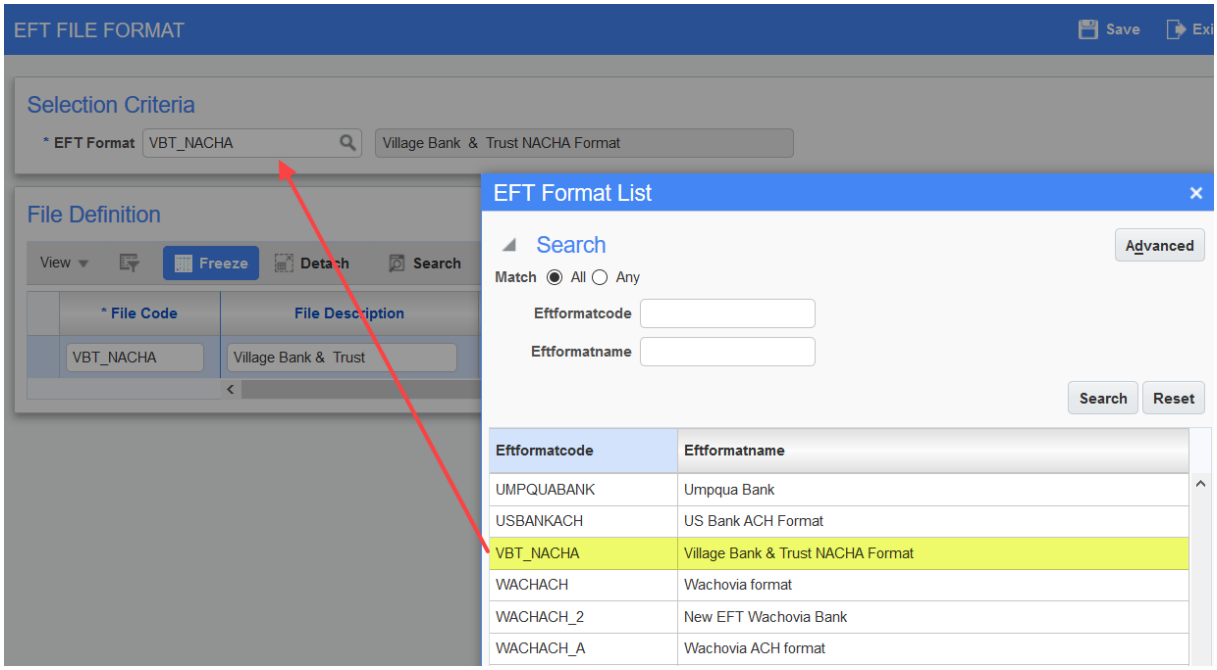
RBC Bank Prescribed EFT File Format

EFT File Format for Village Bank and Trust (19.87990)

Added a new AP EFT file format for 'Village Bank and Trust'.

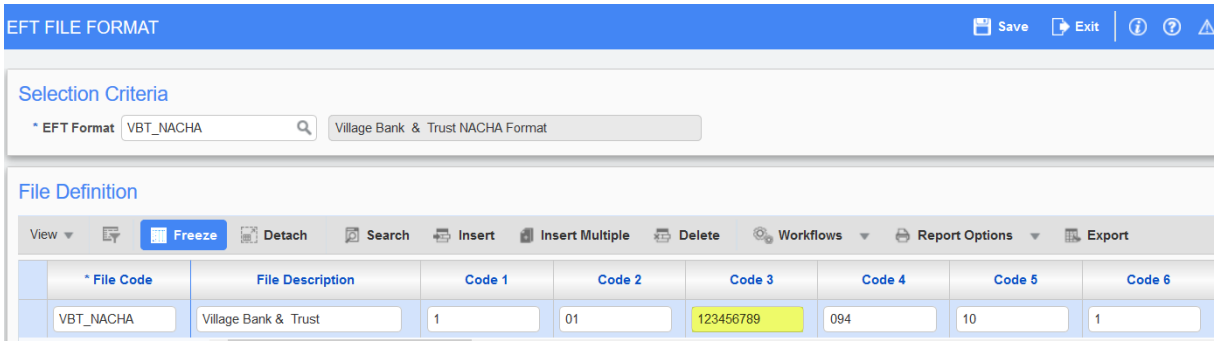
There is a new entry ('VBT_NACHA') added to the LOV for the 'EFT Format' list field in global tables of AP setup.

Users may create a new file for Village Bank and trusts by choosing the EFT format 'VBT_NACHA'.



Financials>AP>Setup>Global Tables>EFT Format

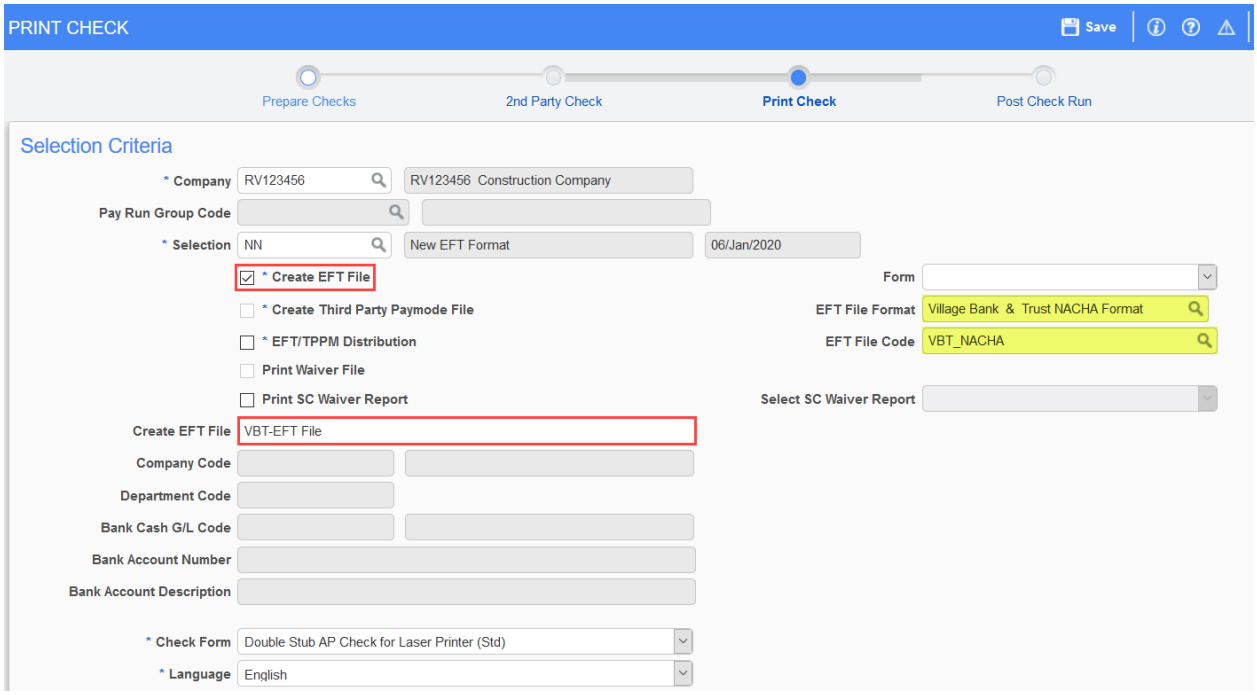
Enter the bank account number under Code 3.



To print the EFT file for Village Bank and Trust, go to AP print check.

- Activate the 'Create EFT File' flag.
- Select 'Village Bank & Trust NACHA Format' for EFT File Format.
- Select 'VBT_NACHA' for EFT File Code from the list.
- Give the file name by which EFT file should be saved.

User can press 'Generate EFT' button on the bottom if only the EFT file needs to be printed or can press 'Print Checks' button if the checks and EFT both need to be printed.



Financial>AP>Check>Print Check>Print Check

```
101 123456789 123456789200402131 5A094101123456789              RV123456  CONSTRUCTION
5220RV123456  CONSTR                    P123456789CCDEFT       200106200106   1        0000001
62210       444444444        0000066361900000000080    ABC700 BP NAME          0        0000001
822000000100000000100000000000000000000066361P123456789                                0000001
900000100000100000001000000001000000000000000000066361
99999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999
99999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999
99999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999
99999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999
99999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999
```

Village Bank and Trust EFT File Format Sample generated from CMiC

Check Format for JP Morgan Chase Bank (20.20546)

Added a check format 'APCHECK_HIKUU_6' in Jasper reports for JP Morgan Chase Bank Check as per specifications provided by the bank.

New AP EFT File Format Added – SunTrust Bank (20.30025)

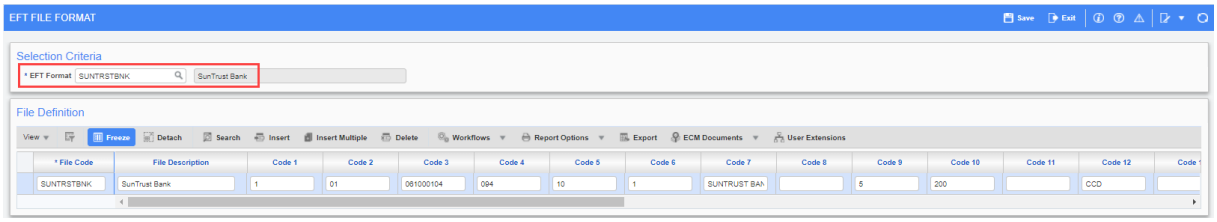
Change Request:

To add a new AP EFT file format for 'SunTrust Bank'.

Modifications:

There is a new entry ('SUNTRSTBNK') added to the LOV for the 'EFT Format' list field in Global tables of AP setup.

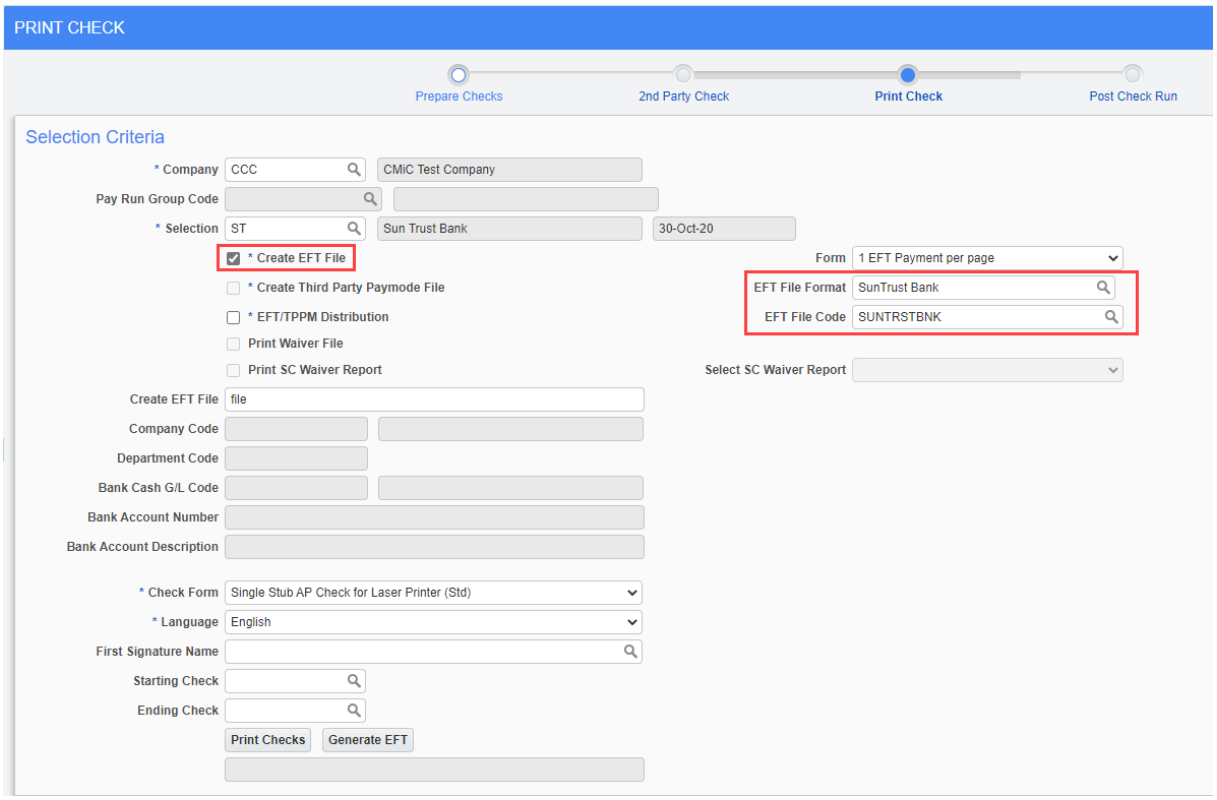
Choose the EFT Format ‘SUNTRSTBNK’. Users may have to update the code values as required by the SunTrust Bank.



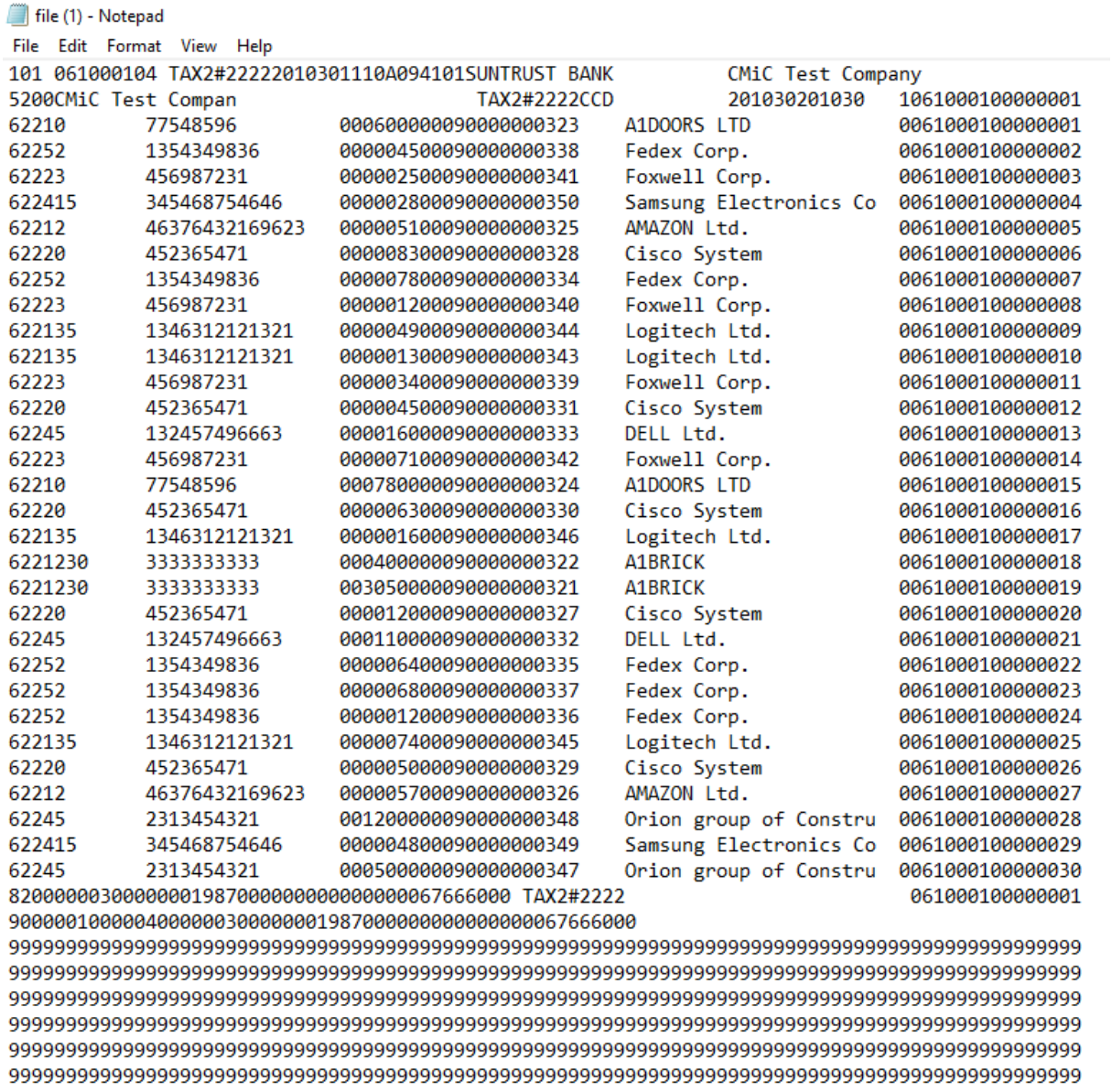
AP>Setup>Global Tables>EFT Format

To print the EFT file for SunTrust Bank, go to AP print check.

Activate the ‘Create EFT File’ flag and select the ‘EFT File Format’ and ‘EFT File Code’ from the list.



AP>Check>Print Checks>Print Check



file (1) - Notepad

File Edit Format View Help

```
101 061000104 TAX2#222220103011110A094101SUNTRUST BANK          CMiC Test Company
5200CMiC Test Compan                       TAX2#2222CCD          201030201030   1061000100000001
62210       77548596         000600000090000000323    A1DOORS LTD              0061000100000001
62252       1354349836       000004500090000000338    Fedex Corp.              0061000100000002
62223       456987231        000002500090000000341    Foxwell Corp.            0061000100000003
622415      345468754646     000002800090000000350    Samsung Electronics Co   0061000100000004
62212       46376432169623   000005100090000000325    AMAZON Ltd.              0061000100000005
62220       452365471        000008300090000000328    Cisco System             0061000100000006
62252       1354349836       000007800090000000334    Fedex Corp.              0061000100000007
62223       456987231        000001200090000000340    Foxwell Corp.            0061000100000008
622135      1346312121321    000004900090000000344    Logitech Ltd.            0061000100000009
622135      1346312121321    000001300090000000343    Logitech Ltd.            0061000100000010
62223       456987231        000003400090000000339    Foxwell Corp.            0061000100000011
62220       452365471        000004500090000000331    Cisco System             0061000100000012
62245       132457496663     000016000090000000333    DELL Ltd.                0061000100000013
62223       456987231        000007100090000000342    Foxwell Corp.            0061000100000014
62210       77548596         000780000090000000324    A1DOORS LTD              0061000100000015
62220       452365471        000006300090000000330    Cisco System             0061000100000016
622135      1346312121321    000001600090000000346    Logitech Ltd.            0061000100000017
6221230     3333333333       000400000090000000322    A1BRICK                  0061000100000018
6221230     3333333333       003050000090000000321    A1BRICK                  0061000100000019
62220       452365471        000012000090000000327    Cisco System             0061000100000020
62245       132457496663     000110000090000000332    DELL Ltd.                0061000100000021
62252       1354349836       000006400090000000335    Fedex Corp.              0061000100000022
62252       1354349836       000006800090000000337    Fedex Corp.              0061000100000023
62252       1354349836       000001200090000000336    Fedex Corp.              0061000100000024
622135      1346312121321    000007400090000000345    Logitech Ltd.            0061000100000025
62220       452365471        000005000090000000329    Cisco System             0061000100000026
62212       46376432169623   000005700090000000326    AMAZON Ltd.              0061000100000027
62245       2313454321       001200000090000000348    Orion group of Constru   0061000100000028
622415      345468754646     000004800090000000349    Samsung Electronics Co   0061000100000029
62245       2313454321       000500000090000000347    Orion group of Constru   0061000100000030
8200000030000000198700000000000000067666000 TAX2#2222                        061000100000001
900000100000400000030000000198700000000000000067666000
9999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999
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9999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999
```

SunTrust Bank EFT File Format Sample generated from CMiC

SunTrust Bank Prescribed EFT File Format:

File Header Record

Field	Position	Description	Length	Type	Comments/Contents
1	01-01	Record Type Code	1		1
2	02-03	Priority Code	2		01
3	04-13	Immediate Destination	10	Numeric	b061000104 Position 4 is blank
4	14-23	Immediate Origin	10	Numeric	bNNNNNNNNN Position 14 is blank, then the company's tax ID number
5	24-29	File Creation Date	6		YYMMDD Must be in YYMMDD format
6	30-33	File Creation Time	4		HHMM Must be in HHMM format
7	34-34	Field ID Modifier	1	Alphanumeric	Must be uppercase A-Z or 0-9. Use a higher letter or number for subsequent files in one day
8	35-37	Record Size	3		094
9	38-39	Blocking Factor	2		10
10	40-40	Format Code	1		1
11	41-63	Immediate Destination Name	23	Alphanumeric	SunTrust Bank; Must be uppercase A-Z or 0-9
12	64-86	Immediate Origin Name	23	Alphanumeric	Your company name; Must be uppercase A-Z or 0-9
13	87-94	Reference Code	8	Alphanumeric	For your company's use; Must be uppercase A-Z or 0-9

Batch Header Record

Field	Position	Description	Length	Type	Comments/Contents
1	01-01	Record Type Code	1		5
2	02-04	Service Class Code	3		200 - Both credit and debit 220 - Credit only 225 - Debit only
3	05-20	Company Name	16	Alphanumeric	Your company's name The information in this field will appear on the bank statement of the receiver of the transaction.
4	21-40	Company Discretionary Data	20	Alphanumeric	Optional field for company use
5	41-50	Company ID	10	Alphanumeric	For multiple batches settling to different accounts, call your Treasury Management Implementation Project Manager (or ACH Support Services) for appropriate numbers.
6	51-53	Standard Entry Class Code	3	Alphanumeric	CCD For other applications, see ACH Rules Book.
7	54-63	Company Entry Description	10	Alphanumeric	Example: Trade Pay The information in this field will appear on the bank statement of the receiver of the transaction.
8	64-69	Company Descriptive Date	6	Alphanumeric	Example: Jan 00 or Jan 25
9	70-75	Effective Entry Date	6		YYMMDD Desired settlement date
10	76-78	Settlement Date (Julian)	3		Leave blank Julian date: to be inserted by ACH Operator only.
11	79-79	Originator Status Code	1		1
12	80-87	Originating DFI ID	8	Numeric	06100010
13	88-94	Batch Number	7	Numeric	Should start with 0000001 and increment by 1 for next batch.

Entry Detail Record

Field	Position	Description	Length	Type	Comments/Contents
1	01-01	Record Type Code	1		6
2	02-03	Transaction Code	2	Numeric	Refer to transaction code definitions in the ACH Rules book. Example: Cr Dr 22 27 if DDA account 23 28 if DDA prenote
3	04-11	Receiving DFI Identification	8	TTTTAAAA	TTTTAAAA Must be a valid receiving bank ABA number
4	12-12	Check Digit	1	Numeric	Check digit of previous Receiving ABA Number
5	13-29	DFI Account Number	17	Alphanumeric	Must be left justified, blank filled. The receiver's bank account number.
6	30-39	Amount	10	$$$$$$$$¢¢	Must be right justified and zero filled, no signs.
7	40-54	Identification Number	15	Alphanumeric	Optional (Required for Online Treasury Manager ACH Recipient Import)
8	55-76	Receiving Company Name	22	Alphanumeric	Name of Receiver
9	77-78	Discretionary Data	2	Alphanumeric	Optional - for company's use
10	79-79	Addenda Record Indicator	1	Numeric	0 (or 1) Use "1" if including an addenda record with this entry detail.
11	80-94	Trace Number	15	Numeric	Unique number within each file.

Batch Control Record

Field	Position	Description	Length	Type	Comments/Contents
1	01-01	Record Type Code	1		8
2	02-04	Service Class Code	3		200
3	05-10	Entry/Addenda Count	6	Numeric	Must equal the number of entry detail and addenda records within the batch.
4	11-20	Entry Hash	10	Numeric	The sum of positions 4-11 of all entry detail records in the batch.
5	21-32	Total Debit Entry Dollar Amount	12	Numeric	Must equal the total debit dollar amount in the batch. Format: $$$$$$$$$¢¢; zero filled and right justified
6	33-44	Total Credit Entry Dollar Amount	12	Numeric	Must equal the total credit dollar amount in the batch. Format: $$$$$$$$$¢¢; zero filled and right justified
7	45-54	Company ID	10	Alphanumeric	Must match positions 41-50 in the batch header (5) record.
8	55-73	Reserved	19		Leave blank
9	74-79	Reserved	6		Leave blank
10	80-87	Originating DFI Identification	8	Numeric	Must match positions 80-87 in the batch header (5) record.
11	88-94	Batch Number	7	Numeric	Same as positions 88-94 in the batch header (5) record.

File Control Record

Field	Position	Description	Length	Type	Comments/Contents
1	01-01	Record Type Code	1		9
2	02-07	Batch Count	6	Numeric	Must be equal to the number of batches in the file.
3	08-13	Block Count	6	Numeric	Must be equal to the number of blocks in the file. Compute by dividing the total number of records in the file by 10 and round up to the nearest whole number.
4	14-21	Entry/Addenda Count	8	Numeric	Must equal the number of entry detail and addenda records within the file.
5	22-31	Entry Hash	10	Numeric	The sum of positions 4-11 of all entry detail records in the file.
6	32-43	Total Debit Entry Dollar Amount in File	12	Numeric	Must equal the total debit dollar amount in the file. Format: $$$$$$$$$¢¢; zero filled and right justified
7	44-55	Total Credit Entry Dollar Amount in File	12	Numeric	Must equal the total credit dollar amount in the file. Format: $$$$$$$$$¢¢; zero filled and right justified
8	56-94	Reserved	39		Leave blank

Addenda Record*

Field	Position	Description	Length	Type	Comments/Contents
1	01-01	Record Type Code	1		'7'
2	02-03	Addenda Type Code	2		'05'
3	04-83	Payment Related Information	80	Alphanumeric	Optional
4	84-87	Addenda Sequence Number	4	Numeric	
5	88-94	Entry Detail Sequence Number	7	Numeric	

* Addenda records for CTX transactions must conform to NACHA standards and should include a valid ANSI ASC X12 EDI 820. For additional information on formatting EDI 820 files, please refer to the SunTrust standard EDI file specifications.

New Third Party Payment Mode Added – SunTrust Bank (20.30024)

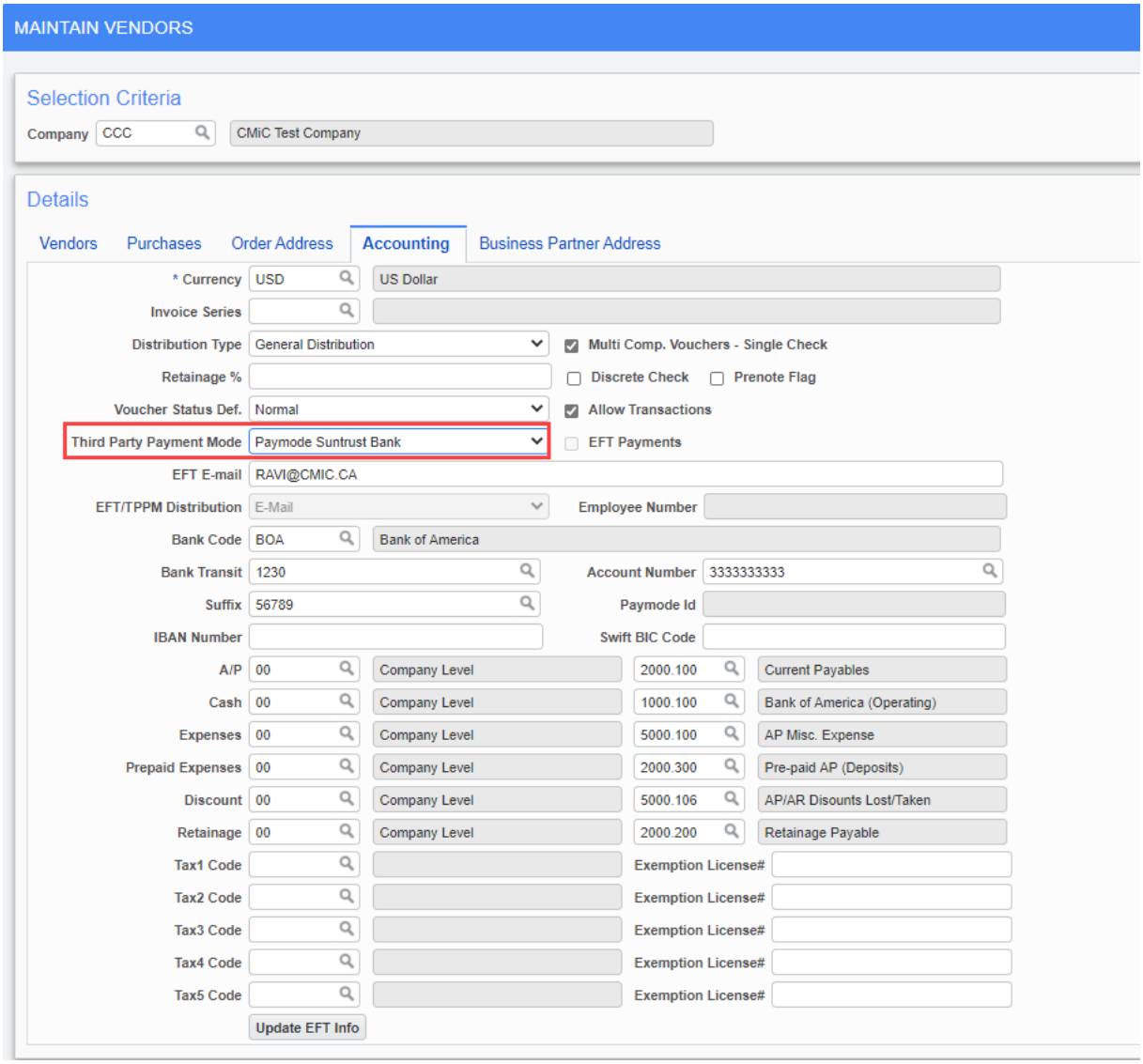
Change Request:

To add a Third Party Payment Mode selection for 'SunTrust Bank'.

Modifications:

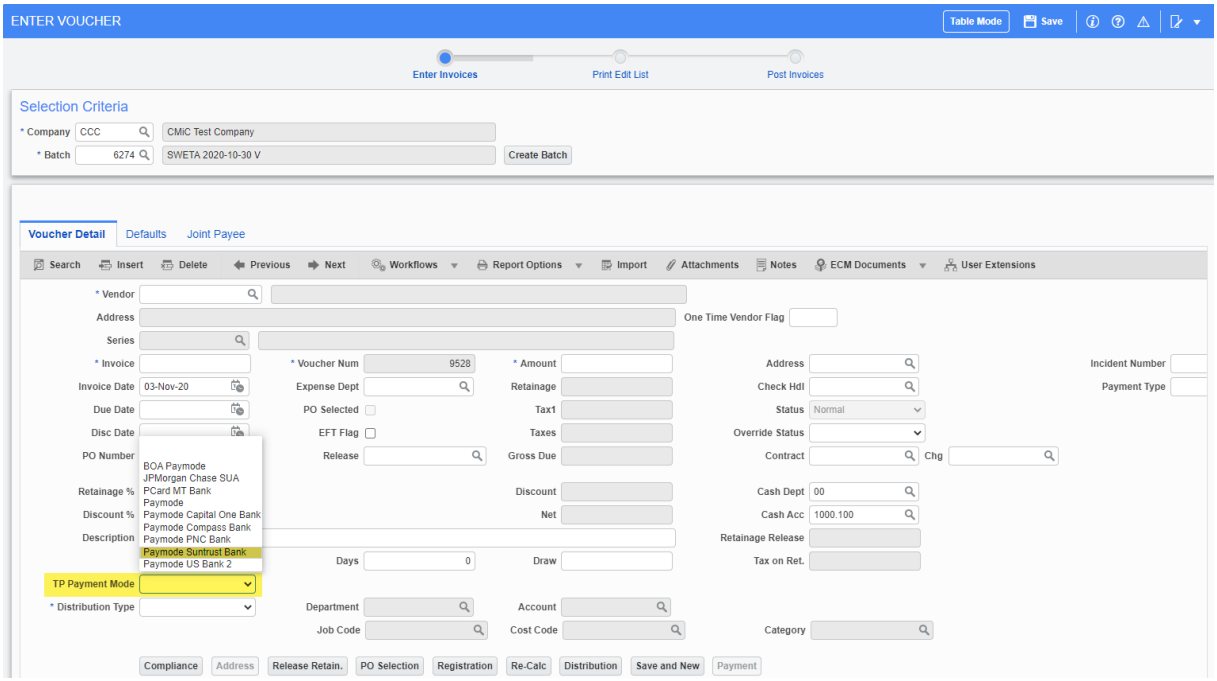
There is a new entry ('Paymode Suntrust bank') added to the drop-down list for the 'Third Party Payment Mode' field in the following screens:

1. Maintain Vendors Program under Accounting tab:



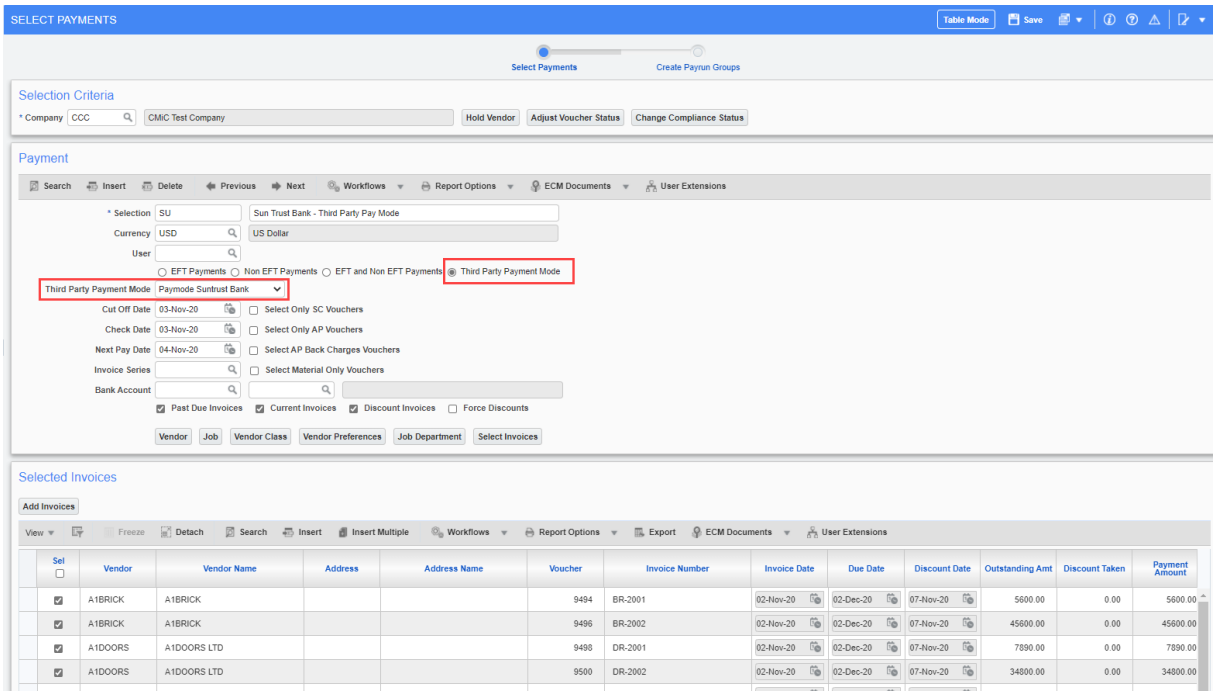
AP < Setup < Maintain Vendors

2. AP Enter Voucher Screen:



AP < Voucher < Enter Vouchers

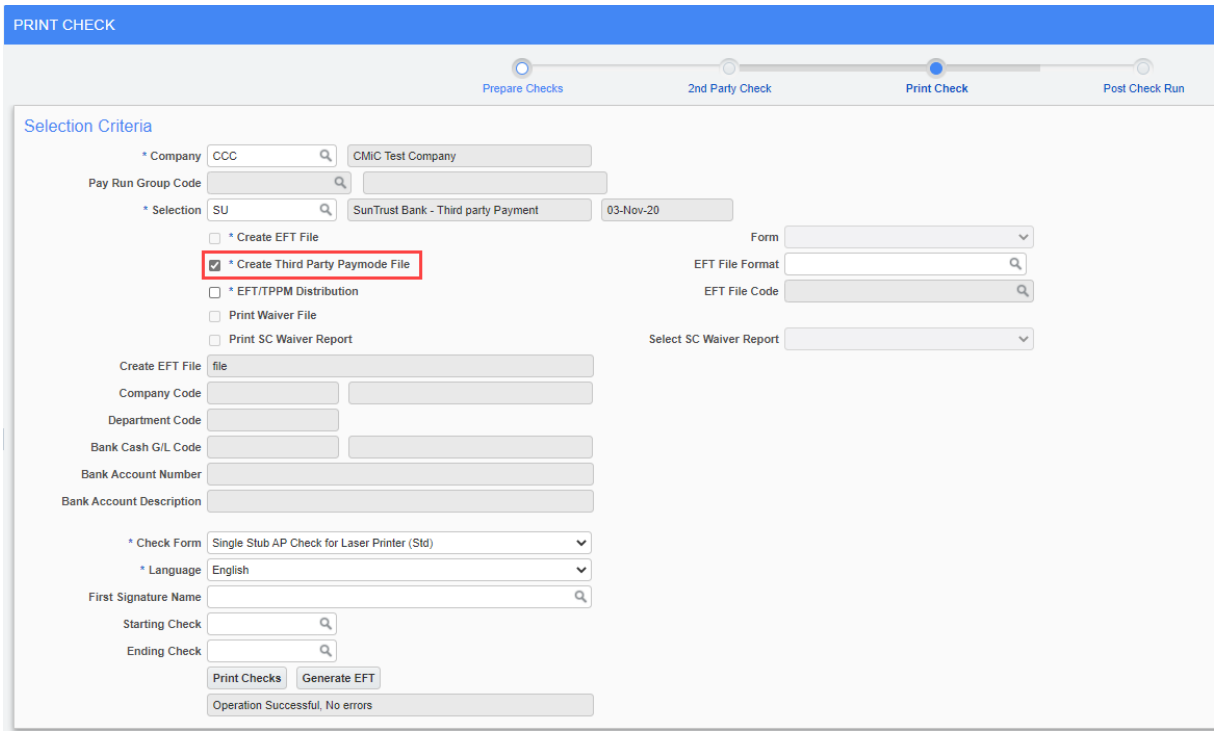
3. Select Payments Program:



AP < Payment < Select Payments

To print the ‘Third Party Payment Mode’ file for SunTrust Bank, go to AP print check.

Activate the ‘Create Third Party Paymode File’ flag and click on Print Checks.



AP>Check>Print Checks>Print Check

file (1) - Notepad

File Edit Format View Help

```
PAYABLES        SA-2001 78900.00              Samsung1 - V8   SAMSUNG         90000000376                             11/02/2020
PAYABLES        INV-V7  132.30                 V7              90000000385                             10/30/2020
PAYABLES        DR-2001 7890.00         DR1 - V16       A1DOORS         90000000359                             11/02/2020
PAYABLES        OR-2002 1500.00         Orionm2 - V19   ORION           90000000375                             11/02/2020
PAYABLES        INV-V9  396.90                 V9              90000000387                             10/30/2020
PAYABLES        FX-2002 37500.00              Fedex2 -V4      FEDEX           90000000369                             11/02/2020
PAYABLES        AZ-2002 5600.00         Amazon2 - V11   AMAZON          90000000362                             11/02/2020
PAYABLES        OR-2001 45600.00              Orion1-V18      ORION           90000000374                             11/02/2020
PAYABLES        CS-2001 30000.00              Cisco1 - V1     CISCO           90000000363                             11/02/2020
PAYABLES        INV-V3  396.90                 V3              90000000381                             10/30/2020
PAYABLES        LO-2001 745000.00             Logitech1 - V7  LOGITECH               90000000372                             11/02/2020
PAYABLES        CS-2002 45000.00              Cisco2 - V2     CISCO           90000000364                             11/02/2020
PAYABLES        BR-2002 45600.00              BR2 - V15       A1BRICK         90000000358                             11/02/2020
PAYABLES        INV-V2  264.60                 V2              90000000380                             10/30/2020
PAYABLES        LO-2002 468000.00                     LOGITECH                90000000373                             11/02/2020
PAYABLES        INV-V10 573.30                 V10             90000000379                             10/30/2020
PAYABLES        INV-V1  132.30                 V1              90000000378                             10/30/2020
PAYABLES        DL-2001 700.00          Dell1- V12      DELL            90000000365                             11/02/2020
PAYABLES        SA-2002 94500.00              Samsung2 - V9   SAMSUNG         90000000377                             11/02/2020
PAYABLES        INV-V4  529.20                 V4              90000000382                             10/30/2020
PAYABLES        INV-V6  793.80                 V6              90000000384                             10/30/2020
PAYABLES        AZ-2001 56000.00              Amazon1 - V10   AMAZON          90000000361                             11/02/2020
PAYABLES        INV-V5  661.50                 V5              90000000383                             10/30/2020
PAYABLES        DE-2002 1200.00         Dell2 - V13     DELL            90000000366                             11/02/2020
PAYABLES        FX-2001 600.00          Fedex1 - V3     FEDEX           90000000368                             11/02/2020
PAYABLES        BR-2001 5600.00         Brick1-V14      A1BRICK         90000000357                             11/02/2020
PAYABLES        DR-2002 34800.00              DR2-V17 A1DOORS         90000000360                             11/02/2020
PAYABLES        FX-2002 600.00          Foxwell2 - v6   FOXWELL         90000000371                             11/02/2020
PAYABLES        FX-2001 8900.00         Foxwell1 - V5   FOXWELL         90000000370                             11/02/2020
PAYABLES        D1      700.00          Test    DELL            90000000367                             11/02/2020
PAYABLES        INV-V8  264.60                 V8              90000000386                             10/30/2020
```

SunTrust Bank Third Party Payment Mode File Format Sample generated from CMiC

SunTrust Bank Prescribed Third Party Payment Mode File Format:

Field	Data type	Max length	Mandatory	Notes
Interface Type	Alphanumeric	8	Yes	Constant 'PAYABLES'
Invoice Number	Alphanumeric	100	Yes	The invoice number of the invoice being loaded as part of this payment to the supplier.
Amount	Numeric (16,2)	16,2	Yes	Numeric values only. Two decimals allowed. Comma separators are not allowed in the Amount field if the AP interface is created as a tab-delimited text file. Comma separators are ignored when using Excel format. For example, the amount can be **1000.00** but not **1,000.00**. (If a negative amount is required, use a -1000 representation). Note: The total value of all invoices uploaded via the interface for a given supplier must be positive.
Purchase Order Number	Alphanumeric	100	No	The purchase order number of the invoice being loaded as part of this payment to the supplier.
Supplier Description	Alphanumeric	100	No	An invoice description. This information will be included on the notification email to the supplier. *The supplier name may be used as the supplier description.*
Supplier Number	Alphanumeric	30	Yes	The supplier number assigned to the payables card. This much match and existing payables management card account that exists within your company instance.
Contact Text	Alphanumeric	100	No	Text to send to the payables supplier with details of who to contact with questions. This text is displayed against each invoice number on the notification to the supplier.
Check ID	Alphanumeric	100	No	The check ID of the invoice being loaded as part of this payment to the supplier.
Supplier Sub Number	Alphanumeric	30	No	If supplied, the supplier number and the sub-supplier number must match corresponding supplier/sub supplier combination in your company instance.
Tax Amount	Numeric (16,2)	16,2	No*	Numeric values only. Two decimals allowed. Comma separators are not allowed. For example, the amount can be **1000.00** but not **1,000.00**. (If a negative amount is required, use a -1000 representation). Note: The total Tax value of all invoices uploaded via the interface for a given supplier must be positive. Default to **0** if no sales tax.

Field	Data type	Max length	Mandatory	Notes
Discount Amount	Numeric (16,2)	16,2	No*	Numeric values only. Two decimals allowed. Comma separators are not allowed. For example, the amount can be **1000.00** but not **1,000.00**. (If a negative amount is required, use a -1000 representation). Note: The total discount value of all invoices uploaded via the interface for a given supplier must be positive. Default to **0** if no discount.
Freight Amount	Numeric (16,2)	16,2	No*	Numeric values only. Two decimals allowed. Comma separators are not allowed. For example, the amount can be **1000.00** but not **1,000.00**. (If a negative amount is required, use a -1000 representation). Note: The total Freight value of all invoices uploaded via the interface for a given supplier must be positive. Default to **0** if no freight.
Invoice Date	Date (MM/DD/YYYY)	10	No	This field is optional and if not entered, the field remains empty. Format is specifically MM/DD/YYYY. Note: The year format must be 4 digits, MM/DD/YY for example 11/19/16 is invalid.

*Mandatory for BIP payments.

New AP EFT File Format Added – BMO Bank (20.32984)

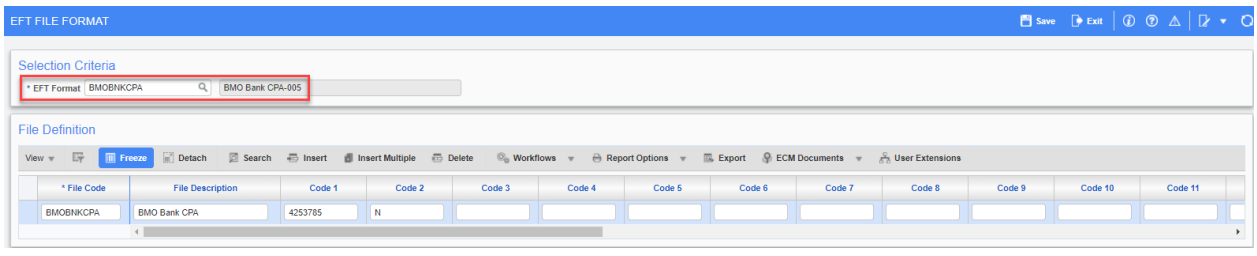
Change Request:

To add a new AP EFT file format for 'BMO Bank' (BMO Bank CPA-005).

Modifications:

There is a new entry ('BMOBNKCPA') added to the LOV for the 'EFT Format' list field in Global tables of AP setup.

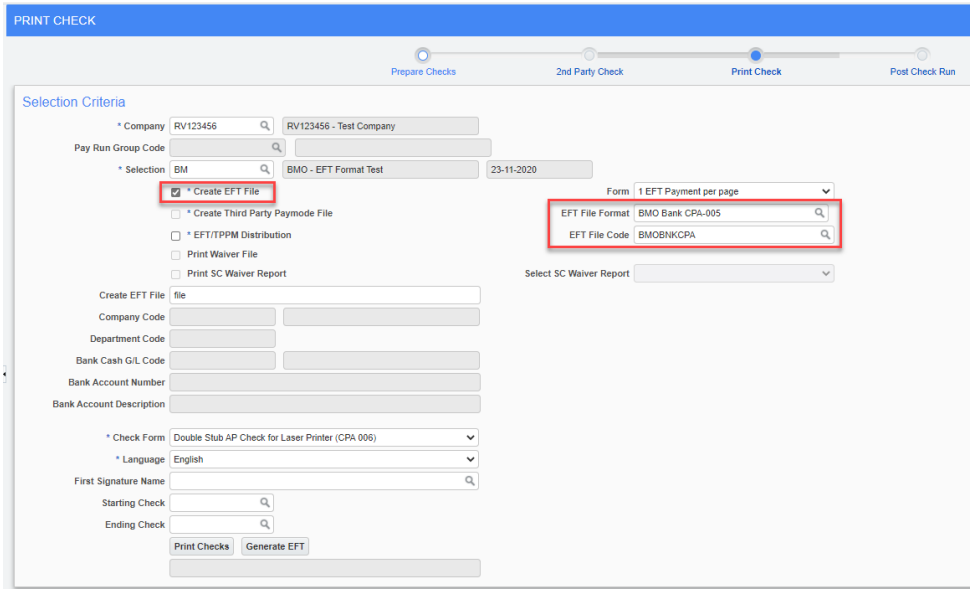
Choose the EFT Format 'BMOBNKCPA'. Users may have to update the code values as required by the BMO Bank.



AP>Setup>Global Tables>EFT Format

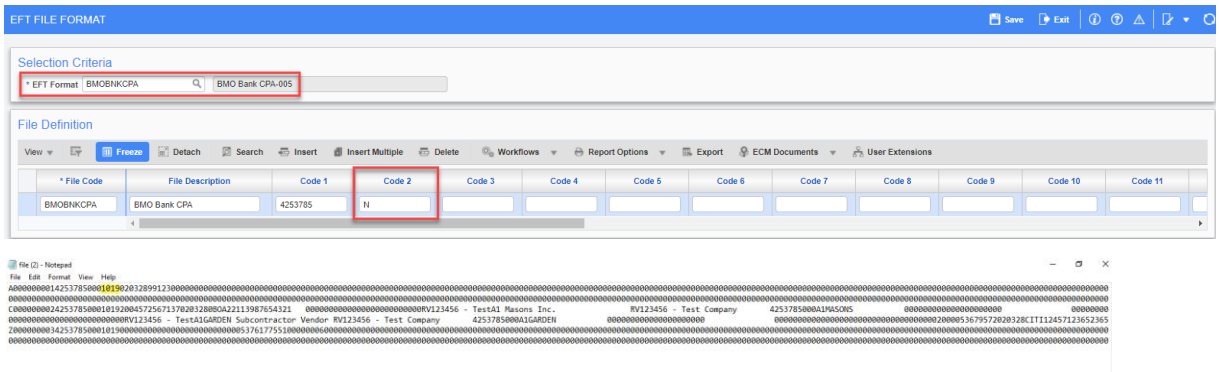
To print the EFT file for BMO Bank, go to AP print check.

Activate the ‘Create EFT File’ flag and select the ‘EFT File Format’ and ‘EFT File Code’ from the list.



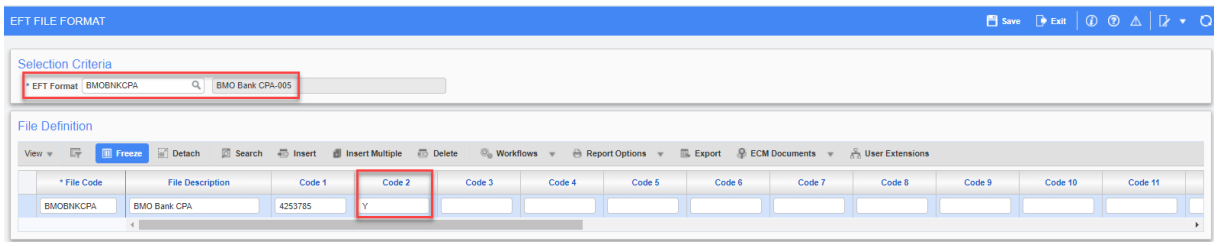
AP>Check>Print Checks>Print Check

1. If Code 2 if value is ‘N’ then ‘Actual Sequence Number’ will print.



BMO Bank EFT File Format Sample generated from CMiC when Code 2 – ‘N’

2. If Code 2 if value is ‘Y’ then ‘Test’ will print.



BMO Bank EFT File Format Sample generated from CMiC when Code 2 – 'Y'

New AP EFT File Format Added – Union Bank (20.33454)

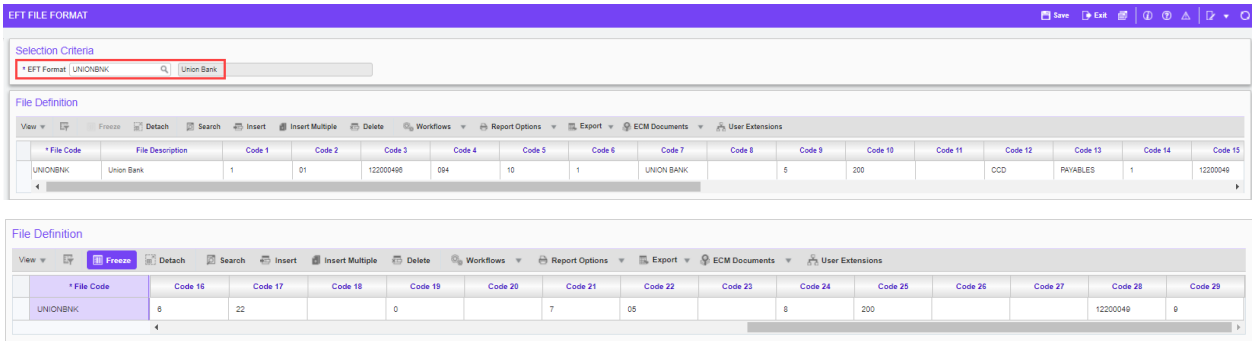
Change Request:

To add a new AP EFT file format for 'Union Bank'.

Modifications:

There is a new entry ('UNIONBNK') added to the LOV for the 'EFT Format' list field in Global tables of AP setup.

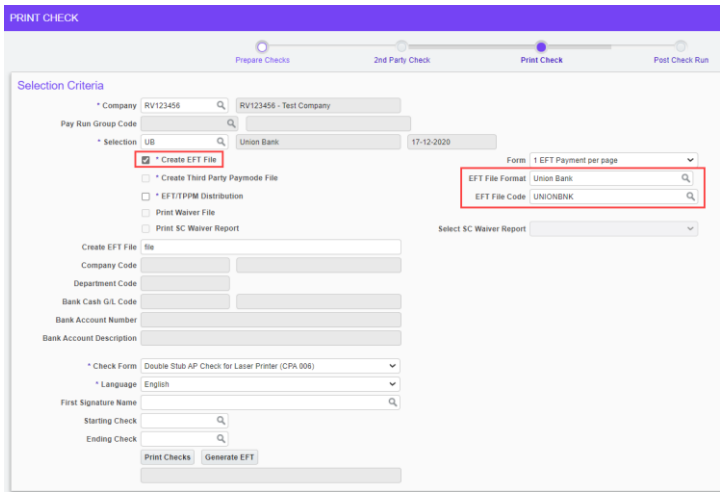
Choose the EFT Format 'UNIONBNK'. Users may have to update the code values as required by the Union Bank.



AP>Setup>Global Tables>EFT Format

To print the EFT file for Union Bank, go to AP print check.

Activate the 'Create EFT File' flag and select the 'EFT File Format' and 'EFT File Code' from the list.



AP>Check>Print Checks>Print Check

file (5) - Notepad

File Edit Format View Help

```
101 122000496 TAXREG12320121704l7A094101UNION BANK             RV123456 - Test Company
5200RV123456 - Test                    TAXREG123 CCDPAYABLES  201217201217   1122000490000001
62210       12458          0005476320900000001836    A1 Architects          0        0000001
622521236987123456789         0005000000900000001842    A1 Cement Inc.         0        0000002
622                           0000750000900000001851    A1 Lawns Inc.          0        0000003
622521236987123456789         0004002520900000001843    A1 Cement Inc.         0        0000004
622521236987123456789         0000789346900000001841    A1 Cement Inc.         0        0000005
62210       12458          0006084525900000001835    A1 Architects          0        0000006
622124578965123652365         0000090000900000001845    A1 Doors Inc.          0        0000007
62210       12458          0000140000900000001838    A1 Architects          0        0000008
622124578965123652365         0001230000900000001849    A1 Doors Inc.          0        0000009
622124578965123652365         0000700000900000001847    A1 Doors Inc.          0        0000010
622                           0000900000900000001850    A1 Lawns Inc.          0        0000011
622                           0000080000900000001853    A1 Lawns Inc.          0        0000012
622521236987123456789         0000100000900000001844    A1 Cement Inc.         0        0000013
622124578965123652365         0000604500900000001846    A1 Doors Inc.          0        0000014
62210       12458          0000146700900000001837    A1 Architects          0        0000015
622                           0014563200900000001854    A1 Lawns Inc.          0        0000016
622521236987123456789         0004728502900000001840    A1 Cement Inc.         0        0000017
62210       12458          0000236450900000001839    A1 Architects          0        0000018
622124578965123652365         0007800000900000001848    A1 Doors Inc.          0        0000019
622                           0000750000900000001852    A1 Lawns Inc.          0        0000020
820000002000645816040000000000000054172063TAXREG123                          122000490000001
900000100000300000020006458160400000000000000054172063
9999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999
9999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999
9999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999
9999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999
9999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999
9999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999
```

Union Bank EFT File Format Sample generated from CMiC

Note:

a. Header Record – Position 14-23: Immediate Origin (Your Company Id as agreed by the Bank) – Taken from Tax Reg2 for the company

b. Batch Header Record – Position 41-50: Company Identification (Your Company Id as agreed by the Bank) - Taken from Tax Reg2 for the company

Union Bank Prescribed EFT File Format:

File header record (all entries) record "1"

Record length 94

POSITION	DATA ELEMENT NAME	SIZE	CONTENTS	REQUIRED
01-01	Record Type Code	1	'1'	Mandatory
02-03	Priority Code	2	'01'	Required
04-13	Immediate Destination (MUB's Transit Routing Number)	10	'B122000496' B=blank	Mandatory
14-23	Immediate Origin (Your Company ID as agreed to by MUB)	10	Bnnnnnnnnn B=blank	Mandatory
24-29	File Creation Date	6	YYMMDD	Mandatory
30-33	File Creation Time	4	HHMM	MUB Required
34-34	File ID Modifier - Only upper case A-Z or numeric 0-9 is permitted	1	Unique to each file	Mandatory
35-37	Record Size	3	'094'	Mandatory
38-39	Blocking Factor – see Below	2	'10'	Mandatory
40-40	Format code	1	'1'	Mandatory
41-63	Immediate Destination Name	23	"UNION BANK or MUFG UNION BANK'	MUB Required
64-86	Immediate Origin Name (Company Name)	23	Alphanumeric	MUB Required
87-94	Reference Code	8	Alphanumeric	Optional

Blocking factor

Note: The blocking factor is hard coded '10'. The number of records must be divisible by 10. The end of your file must be padded with 9's to make it divisible by 10. Example, if the total number of records in your file was 98, you would create 2 records at the end of the file with 9's in position 01-94.

Batch header record (all entries except IAT) record "5"

Record length 94

POSITION	FIELD	DATA ELEMENT NAME	SIZE	CONTENTS	REQUIRED
01-01	1	Record Type Code	1	'5'	Mandatory
02-04	2	Service Class Code – see Below	3	Numeric	Mandatory
05-20	3	Company Name (Printed on receiver's statement)	16	Alphanumeric	Mandatory
21-40	4	Company Discretionary Data	20	Alphanumeric	Optional
41-50	5	Company Identification (Your Company ID as agreed to by MUB)	10	Alphanumeric	Mandatory
51-53	6	Standard Entry Class Code – see Below	3	Alphanumeric	Mandatory
54-63	7	Company Entry Description (Printed on receiver's statement)	10	Alphanumeric	Mandatory
64-69	8	Company Descriptive Date	6	Alphanumeric	Optional
70-75	9	Effective Entry Date	6	YYMMDD	Required
76-78	10	Settlement Date Julian	3	Blank	Inserted by ACH Operator
79-79	11	Originator Status Code	1	'1'	Mandatory
80-87	12	ODFI Identification (MUB Transit Routing Number)	8	'12200049'	Mandatory
88-94	13	Batch Number – Ascending Sequence Number	7	Numeric	Mandatory

Service class codes

200 Mixed Debits and Credits

220 Credits Only

225 Debits Only

Standard entry class codes

PPD – Prearranged Payment and Deposit Entry

CCD – Cash Concentration or Disbursement

CTX – Corporate Trade Exchange

IAT – Corporate International ACH Transaction (IAT) Payment

RCK – Re-presented Check Entry

TEL – Telephone-Initiated Entry

WEB – Internet-Initiated Entry

ARC – Accounts Receivable Entry

Entry detail record (ppd, ccd, or tel entries) record "6"

Record length 94

POSITION	DATA ELEMENT NAME	SIZE	CONTENTS	REQUIRED
01-01	Record Type Code	1	'6'	Mandatory
02-03	Transaction Code – see Below	2	Numeric	Mandatory
04-11	RDFI Identification Number (Transit Routing Number)	8	TTTTAAAA	Mandatory
12-12	Check Digit of RDFI	1	Numeric	Mandatory
13-29	RDFI Account Number	17	Alphanumeric	Required
30-39	Amount	10	$$$$$$$$¢¢	Mandatory
40-54	Individual's Identification Number	15	Alphanumeric	Optional
55-76	Individual / Receiving Company Name Field	22	Alphanumeric	Required
77-78	Discretionary Data	2	Unless used	Optional
79-79	Addenda Record Indicator – see Below	1	Numeric	Mandatory
80-94	Trace Number - Ascending Sequence number	7	Trace number	Mandatory

Transaction codes

	PRENOTE ENTRIES	MONETARY ENTRIES
Credit to Checking	23	22
Credit to Savings	33	32
Debit to Checking	28	27
Debit to Savings	38	37

Addenda record indicator

0 = No Addenda Record is Present

1 = One or more Addenda Record(s) is following

Addenda record (ppd, ccd, ctx, or web) record "7"

Record length 94

POSITION	DATA ELEMENT NAME	SIZE	CONTENT	REQUIRED
01-01	Record Type Code	1	'7'	Mandatory
02-03	Addenda Type Code	2	'05'	Mandatory
04-83	Payment Related Information	80	Alphanumeric	Optional
84-87	Addenda Sequence Number (must start with "1")	4	Numeric	Mandatory
88-94	Entry Detail Sequence Number	7	Numeric	Mandatory

Formats for addenda records (in the Payment Related Info field) vary depending on the type of transaction originated.

Addenda record (IAT) First IAT addenda record

Record length 94

POSITION	DATA ELEMENT NAME	SIZE	CONTENT	REQUIRED
01-01	Record Type Code	1	'7'	Mandatory
02-03	Addenda Type Code	2	'16"	Mandatory
04-06	Transaction Type Code	3	Alphanumeric	Required
07-24	Foreign Payment Amount	18	Numeric	Required
25-46	Foreign Trace Number	22	Alphanumeric	Optional
47-81	Receiving Company Name Individual Name	35	Alphanumeric	Mandatory
82-87	Reserved	6	Blank	N/A
88-94	Entry Detail Sequence	7	Numeric	Numeric

Addenda record (IAT) Second IAT addenda record

Record length 94

POSITION	DATA ELEMENT NAME	SIZE	CONTENT	REQUIRED
01-01	Record Type Code	1	'7'	Mandatory
02-03	Addenda Type Code	2	'11"	Mandatory
04-38	Originator Name	35	Alphanumeric	Mandatory
39-73	Originator Street Address	35	Alphanumeric	Mandatory
74-87	Reserved	14	Blank	N/A
88-94	Entry Detail Sequence	7	Numeric	Mandatory

Addenda record (IAT) Third IAT addenda record

Record length 94

POSITION	DATA ELEMENT NAME	SIZE	CONTENT	REQUIRED
01-01	Record Type Code	1	'7'	Mandatory
02-03	Addenda Type Code	2	'12"	Mandatory
04-38	Originator City & State/Province	35	Alphanumeric	Mandatory
39-73	Originator Country & Postal Code	35	Alphanumeric	Mandatory
74-87	Reserved	14	Blank	N/A
88-94	Entry Detail Sequence	7	Numeric	Mandatory

Addenda record (IAT) Fourth IAT addenda record

Record length 94

POSITION	DATA ELEMENT NAME	SIZE	CONTENT	REQUIRED
01-01	Record Type Code	1	'7'	Mandatory
02-03	Addenda Type Code	2	'13"	Mandatory
04-38	Originating DFI Name	35	Alphanumeric	Mandatory
39-40	Originating DFI Identification Number Qualifier	2	Alphanumeric	Mandatory
41-74	Originating DFI Identification	34	Alphanumeric	Mandatory
75-77	Originating DFI Branch Country Code	3	Alphanumeric	Mandatory
78-87	Reserved	10	Blank	N/A
88-94	Entry Detail Sequence	7	Numeric	Mandatory

Addenda record (IAT) Fifth IAT addenda record

Record length 94

POSITION	DATA ELEMENT NAME	SIZE	CONTENT	REQUIRED
01-01	Record Type Code	1	'7'	Mandatory
02-03	Addenda Type Code	2	'14"	Mandatory
04-38	Receiving DFI Name	35	Alphanumeric	Mandatory
39-40	Receiving DFI Identification Number Qualifier	2	Alphanumeric	Mandatory
41-74	Receiving DFI Identification	34	Alphanumeric	Mandatory
75-77	Receiving DFI Branch Country Code	3	Alphanumeric	Mandatory
78-87	Reserved	10	Blank	N/A
88-94	Entry Detail Sequence	7	Numeric	Mandatory

Addenda record (IAT) Sixth IAT addenda record

Record length 94

POSITION	DATA ELEMENT NAME	SIZE	CONTENT	REQUIRED
01-01	Record Type Code	1	'7'	Mandatory
02-03	Addenda Type Code	2	'15"	Mandatory
04-18	Receiver Identification Number	15	Alphanumeric	Optional
19-53	Receiver Street Address	35	Alphanumeric	Mandatory
54-87	Reserved	34	Blank	N/A
88-94	Entry Detail Sequence	7	Numeric	Mandatory

Addenda record (IAT) Seventh IAT addenda record

Record length 94

POSITION	DATA ELEMENT NAME	SIZE	CONTENT	REQUIRED
01-01	Record Type Code	1	'7'	Mandatory
02-03	Addenda Type Code	2	'16"	Mandatory
04-38	Receiver City & State/Province	35	Alphanumeric	Mandatory
39-73	Receiver Country & Postal Code	35	Alphanumeric	Mandatory
74-87	Reserved	14	Blank	N/A
88-94	Entry Detail Sequence	7	Numeric	Mandatory

Batch control record (all entries) record "8"

Record length 94

POSITION	DATA ELEMENT NAME	SIZE	CONTENT	REQUIRED
01-01	Record Type Code	1	'8'	Mandatory
02-04	Service Class Code (Same as Batch Header)	3	Numeric	Mandatory
05-10	Entry / Addenda Count – Number of 6 and 7 Records in Batch	6	Numeric	Mandatory
11-20	Entry Hash – see Below	10	Numeric	Mandatory
21-32	Total Debit Entry Dollar Amount	12	$$$$$$$$$¢¢	Mandatory
33-44	Total Credit Entry Dollar Amount	12	$$$$$$$$$¢¢	Mandatory
45-54	Company Identification (Same as Batch Header)	10	Alphanumeric	Required
55-73	Message Authentication Code	19	Alphanumeric	Optional
74-79	Reserved	6	N/A	N/A
80-87	ODFI Identification (MUB Transit Routing Number)	8	'12200049'	Mandatory
88-94	Batch Number (Same as Batch Header)	7	Numeric	Mandatory

Hash total calculation

Accumulate the transit routing number of each "6" record (position 4-11). This is the only record that should be used for hash accumulation. Do not include the check digit (position 12) of the transit routing number in the hash total calculations:

Transit Routing Number	12200049-6 (Check Digit is the last 6)
Transit Routing Number	12200049-6
Hash Total	24400098

The batch level hash total is the accumulation of details within a batch. The hash total should be right justified and zero filled (i.e., 0024400098).

If the hash total exceeds 10 positions, the overflow out of the high order (leftmost) position is ignored.

Example: If the sum of the 8-digit transit routing numbers is 681764871643:

68 | 1764871643

The hash total (position 11-20) would be 1764871643.

File control record (all entries) record "9"

Record length 94

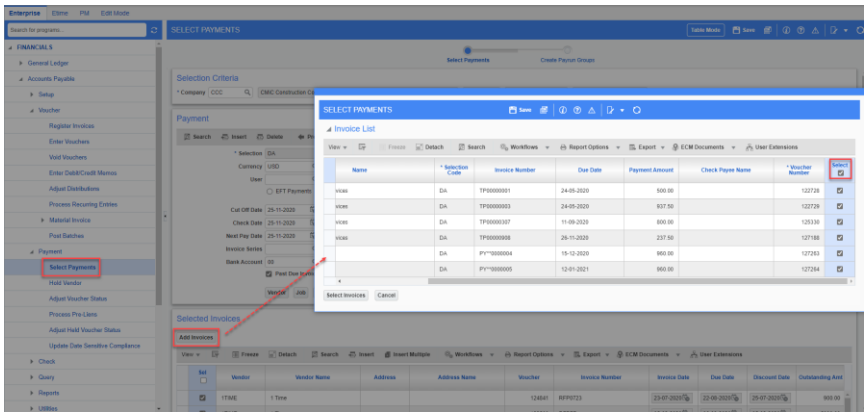
POSITION	DATA ELEMENT NAME	SIZE	CONTENT	REQUIRED
01-01	Record Type Code	1	'9'	Mandatory
02-07	Batch Count – Total Number of 5 Records	6	Numeric	Mandatory
08-13	Block Count – The Number of Physical Blocks (groups of 10 entries) in the File. Include the 1 and 9 record	6	Numeric	Mandatory
14-21	Entry / Addenda Count – The Total Number of 6 and 7 Records in the File	8	Numeric	Mandatory
22-31	Entry Hash – Should calculate the hash entry from the 6 records for security purposes.	10	Numeric	Mandatory
32-43	Total Debit Entry Dollar Amount in File	12	$$$$$$$$$¢¢	Mandatory
44-55	Total Credit Entry Dollar Amount in File	12	$$$$$$$$$¢¢	Mandatory
56-94	Reserved	39	Blank	N/A

Added Select All option in Invoice Selection Screen (20.34145)

Change Request:

To add a Select All option in Invoice Selection Screen.

Modifications:



AP>Payment>Select Payments>Select Payments

Ability to Group Checks by Approver (Beta Release) (20.32165)

Overview

New flags are added in the following screens:

1) AP Control File: Group Checks by Approver
2) Prepare Checks: By Approver

Modifications

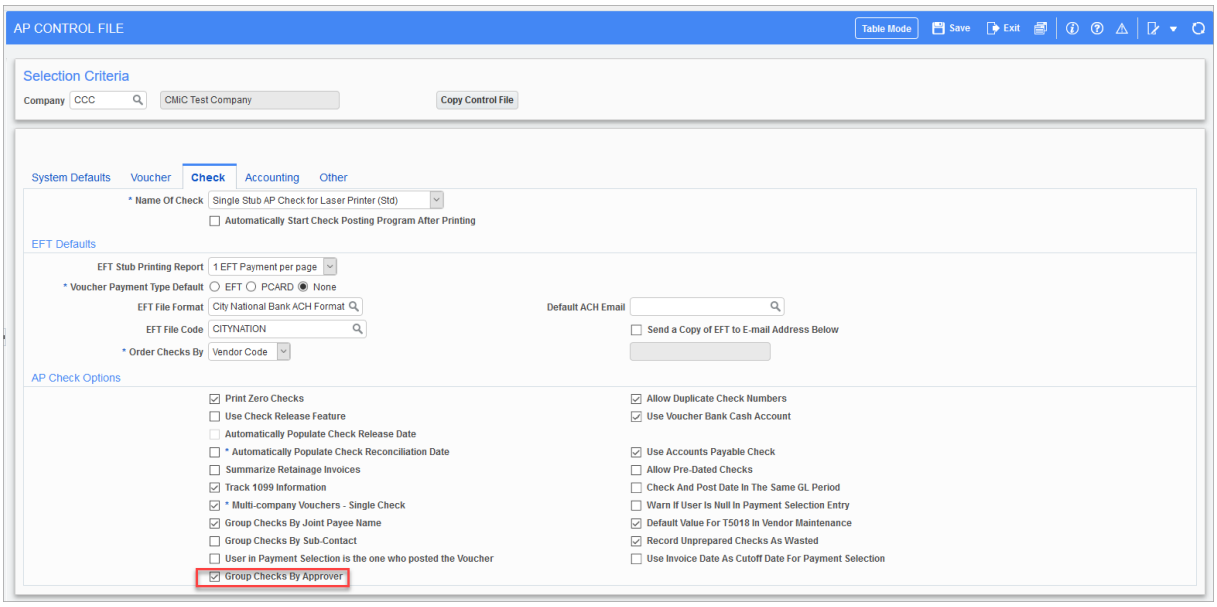
- 'Group Checks by Approver' is checked by default as per existing logic.

- ‘By Approver’ flag will default from ‘Group Checks by Approver’ flag in AP control file. Flag is checked by default and user can override it.

When the ‘Group Checks by Approver’ is checked, existing logic applies.

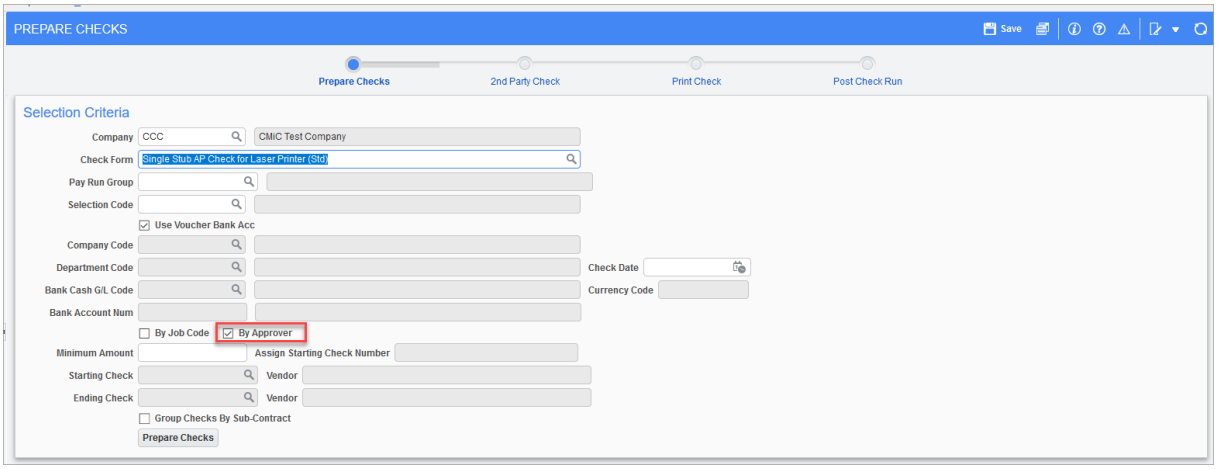
When Un-checked, the invoices with different approvers will be put under the same check.

Group Checks by Approver:



AP > Setup > Local Tables > Control File – Checks

By Approver:



AP > Checks > Print Checks

IMPORTANT NOTE: This is to support the new functionality of AP Workflow approvers for invoices from the payment selection program, which is not in the standard release yet.

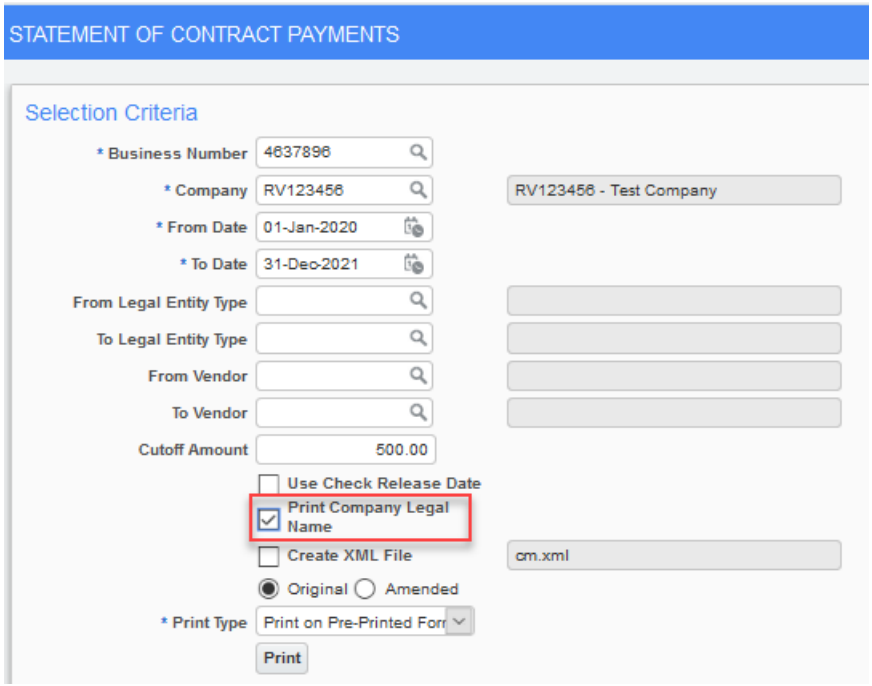
Added New Label ‘Print Company Legal Name’ (21.42531)

Overview

Added new Label ‘Print Company Legal Name’ on T5018 Forms.

Modifications

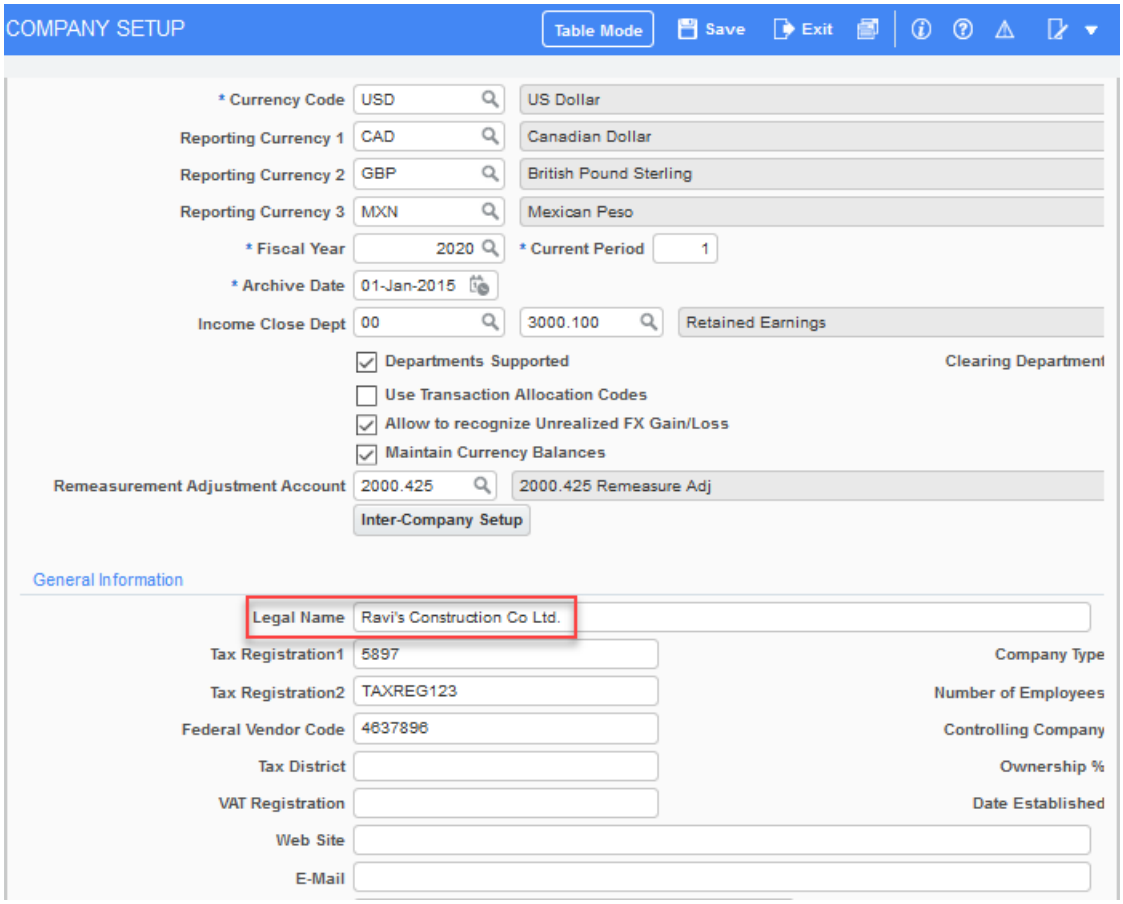
1. Added new Label ‘Print Company Legal Name’ on T5018 Forms.



Financials> Account Payables > Utilities> Print T5018 Forms

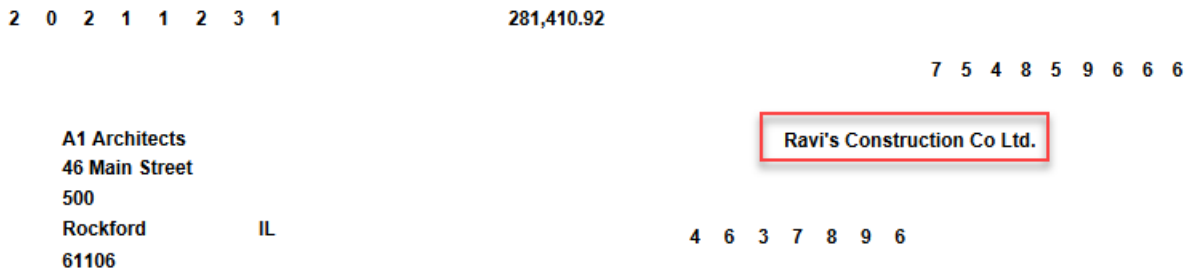
Implementation

Provide Company’s Legal name in Company setup.



Financials> General Ledger> Setup> Maintain Companies

Upon checking 'Print Company Legal Name' checkbox would print company's legal name in XML and T5018 report.



T5018 Report

```
<?xml version="1.0" encoding="UTF-8"?>
<Submission xsi:noNamespaceSchemaLocation="layout-topologie.xsd" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  - <T619>
      <sbmt_ref_id>00000001</sbmt_ref_id>
      <rpt_tcd>O</rpt_tcd>
      <trnmtr_nbr>MM000000</trnmtr_nbr>
      <trnmtr_tcd>3</trnmtr_tcd>
      <summ_cnt>1</summ_cnt>
      <lang_cd>E</lang_cd>
    - <TRNMTR_NM>
        <l1_nm>Ravi's Construction Co Ltd.</l1_nm>
      </TRNMTR_NM>
    - <TRNMTR_ADDR>
        <addr_l1_txt>100, Downtown </addr_l1_txt>
        <addr_l2_txt>500, Floor V </addr_l2_txt>
        <cty_nm>Chicago </cty_nm>
        <prov_cd>IL</prov_cd>
        <cntry_cd>US </cntry_cd>
        <pstl_cd>62541 </pstl_cd>
      </TRNMTR_ADDR>
    - <CNTC>
```

XML File

Added New LOV in 'Print T5018 Forms' (21.40809)

Overview

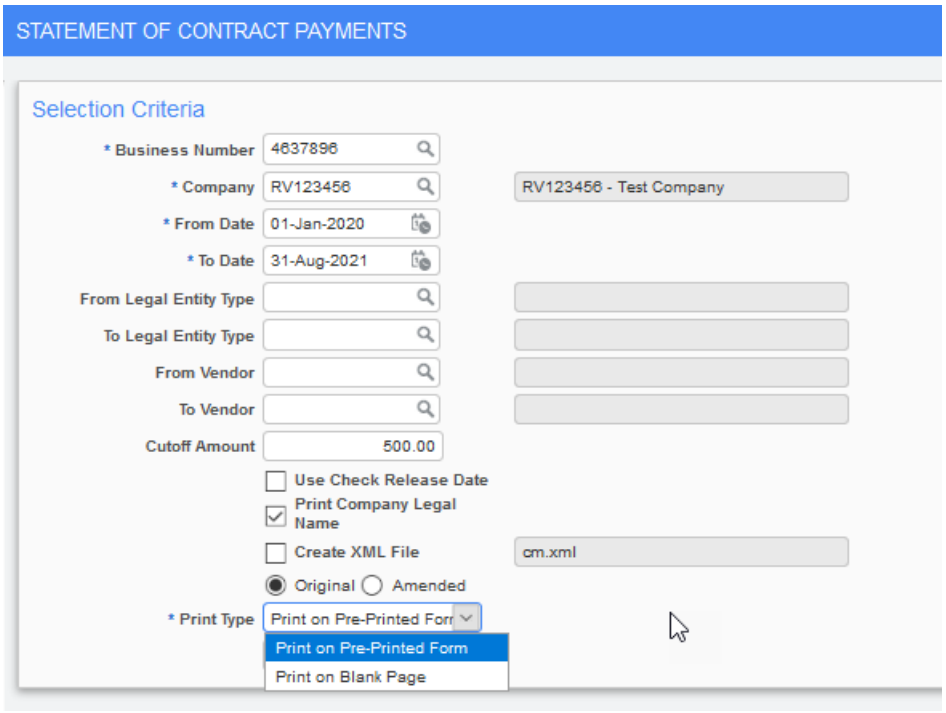
Added 2 new LOVs that allow users to select print type option – T5018 Forms.

Modifications

1. Added following 2 new LOVs that allow users to select print type option – T5018 Forms.

a. Print on pre-printed form

b. Print on blank page

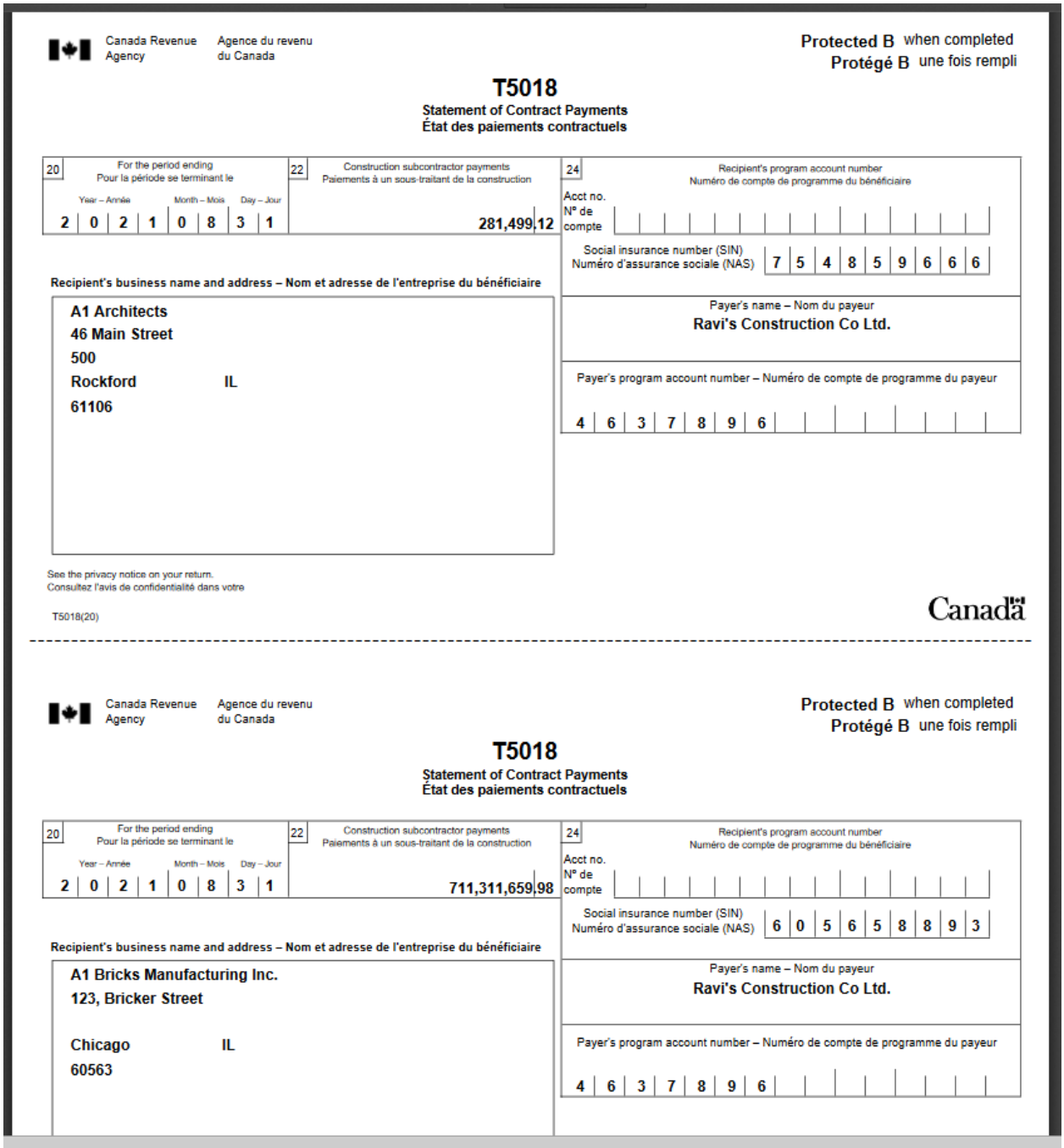


Financials> Account Payable> Utilities> Print T5018 Forms

'Print on pre-printed form' option is selected by default.

Implementation

If user selects ‘Print on blank page’, T5018_BOX prints data in CRA format.



Canada Revenue Agency / Agence du revenu du Canada

Protected B when completed
Protégé B une fois rempli

T5018
Statement of Contract Payments
État des paiements contractuels

20 For the period ending / Pour la période se terminant le (Year – Année / Month – Mois / Day – Jour)	22 Construction subcontractor payments / Paiements à un sous-traitant de la construction	24 Recipient's program account number / Numéro de compte de programme du bénéficiaire
2021 08 31	281,499.12	Acct no. / N° de compte:
		Social insurance number (SIN) / Numéro d'assurance sociale (NAS): 754 859 666

Recipient's business name and address – Nom et adresse de l'entreprise du bénéficiaire

A1 Architects
46 Main Street
500
Rockford IL
61106

Payer's name – Nom du payeur
Ravi's Construction Co Ltd.

Payer's program account number – Numéro de compte de programme du payeur
463 789 6

See the privacy notice on your return.
Consultez l'avis de confidentialité dans votre

T5018(20)

Canada

Canada Revenue Agency / Agence du revenu du Canada

Protected B when completed
Protégé B une fois rempli

T5018
Statement of Contract Payments
État des paiements contractuels

20 For the period ending / Pour la période se terminant le (Year – Année / Month – Mois / Day – Jour)	22 Construction subcontractor payments / Paiements à un sous-traitant de la construction	24 Recipient's program account number / Numéro de compte de programme du bénéficiaire
2021 08 31	711,311,659.98	Acct no. / N° de compte:
		Social insurance number (SIN) / Numéro d'assurance sociale (NAS): 605 658 893

Recipient's business name and address – Nom et adresse de l'entreprise du bénéficiaire

A1 Bricks Manufacturing Inc.
123, Bricker Street

Chicago IL
60563

Payer's name – Nom du payeur
Ravi's Construction Co Ltd.

Payer's program account number – Numéro de compte de programme du payeur
463 789 6

Financials> Account Payable> Utilities> Print T5018 Forms

If user selects ‘Print on’pre-printed form, T5018 prints data in a pre-defined format.

2 0 2 1 0 8 3 1 281,499.12

7 5 4 8 5 9 6 6 6

A1 Architects
46 Main Street
500
Rockford IL
61106

Ravi's Construction Co Ltd.

4 6 3 7 8 9 6

2 0 2 1 0 8 3 1 711,311,659.98

6 0 5 6 5 8 8 9 3

A1 Bricks Manufacturing Inc.
123, Bricker Street

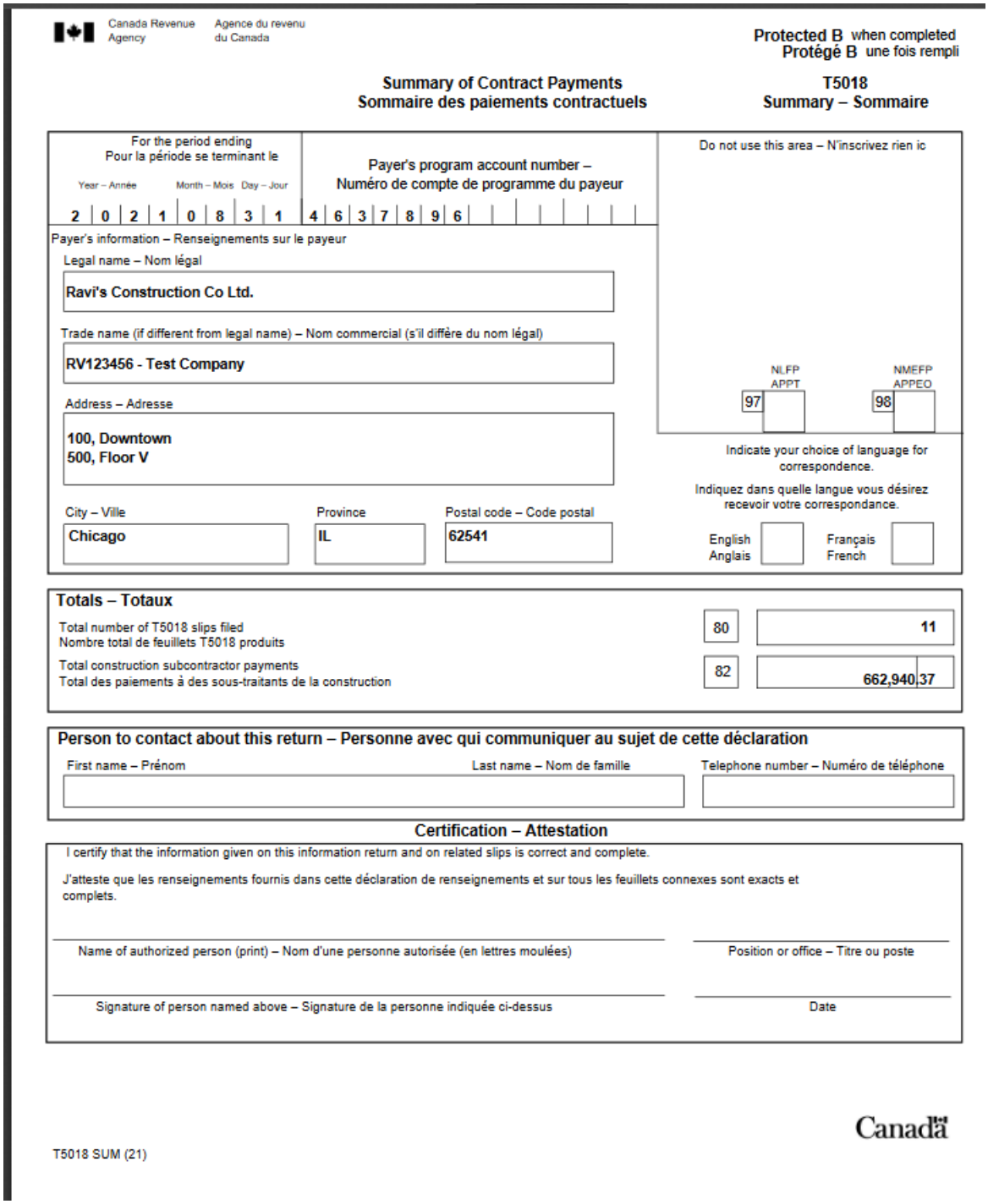
Chicago IL
60563

Ravi's Construction Co Ltd.

4 6 3 7 8 9 6

Financials> Account Payable> Utilities> Print T5018 Forms

Similarly for summary reports, if user selects 'Print on blank page', T5018S_BOX prints data in CRA format.



Canada Revenue Agency / Agence du revenu du Canada

Protected B when completed
Protégé B une fois rempli

Summary of Contract Payments
Sommaire des paiements contractuels

T5018
Summary – Sommaire

For the period ending
Pour la période se terminant le
Year – Année Month – Mois Day – Jour
2021 08 31

Payer's program account number –
Numéro de compte de programme du payeur
463789 6

Do not use this area – N'inscrivez rien ic

Payer's information – Renseignements sur le payeur

Legal name – Nom légal
Ravi's Construction Co Ltd.

Trade name (if different from legal name) – Nom commercial (s'il diffère du nom légal)
RV123456 - Test Company

Address – Adresse
100, Downtown
500, Floor V

City – Ville: Chicago
Province: IL
Postal code – Code postal: 62541

NLFP APPT 97
NMEFP APPEO 98

Indicate your choice of language for correspondence.
Indiquez dans quelle langue vous désirez recevoir votre correspondance.
English Anglais
Français French

Totals – Totaux

Total number of T5018 slips filed Nombre total de feuillets T5018 produits	80	11
Total construction subcontractor payments Total des paiements à des sous-traitants de la construction	82	662,940.37

Person to contact about this return – Personne avec qui communiquer au sujet de cette déclaration

First name – Prénom | Last name – Nom de famille | Telephone number – Numéro de téléphone

Certification – Attestation

I certify that the information given on this information return and on related slips is correct and complete.

J'atteste que les renseignements fournis dans cette déclaration de renseignements et sur tous les feuillets connexes sont exacts et complets.

Name of authorized person (print) – Nom d'une personne autorisée (en lettres moulées)

Position or office – Titre ou poste

Signature of person named above – Signature de la personne indiquée ci-dessus

Date

Canada

T5018 SUM (21)

Financials> Account Payable> Utilities> Print T5018 Forms

Similarly for summary reports, if user selects 'Print on'pre-printed form, T5018S prints data in a pre-defined format.

2 0 2 1 0 8 3 1 4637896

Ravi's Construction Co Ltd.

RV123456 - Test Company

100, Downtown

500, Floor V

Chicago IL 62541

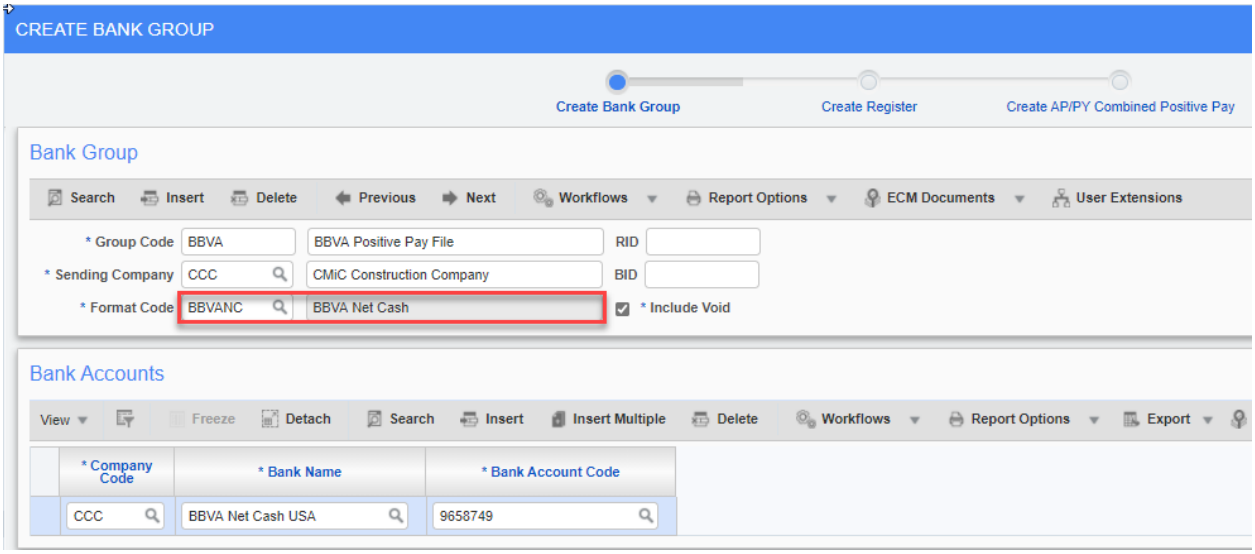
11.00

662,940.37

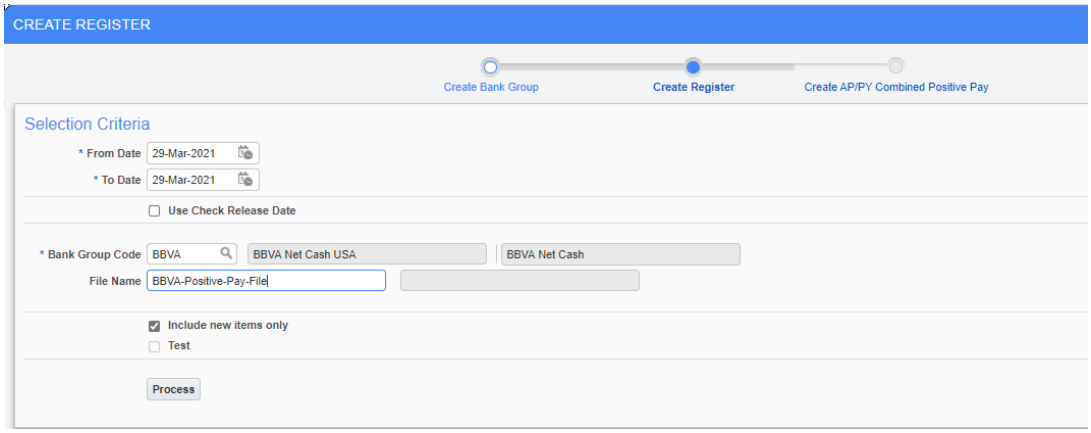
Financials> Account Payable> Utilities> Print T5018 Forms

BBVA Cash Net USA Positive Pay File Format (20.35679)

Created a Positive Pay Format File 'BBVA Net Cash'. Users must create a bank group code, select the format code and assign companies and bank accounts as required.

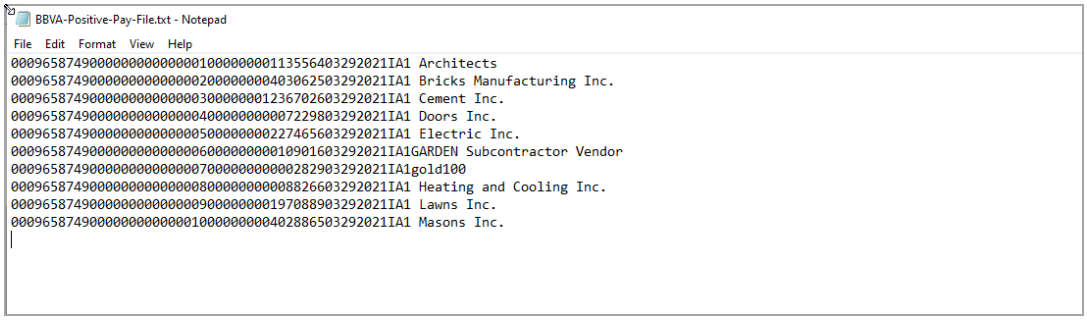


AP > Check > Positive Pay Register > Create Bank Group



AP > Check > Positive Pay Register > Create Register

The following text file is generated by the program as per the specification provided by the BBVA Net Cash USA.



Bank Specifications:

Upload an Issue File using Secure Transmit

You can upload an issue file through Secure Transmit, which is an HTTPS connection that is separate from BBVA Net Cash. The standard format is shown below, but you may request a custom format through your treasury management officer.

Field Name	Format	Mandatory	Starting Point	Ending Position	Length	Example Value	Comments
Account Number	Numeric	Yes	1	10	10	1234567890	Zero fill on left if account number is less than 10 digits
Check (Serial) Number	Numeric	Yes	11	25	15	000000009999991	Zero fill on left if account number is less than 15 digits

Field Name	Format	Mandatory	Starting Point	Ending Position	Length	Example Value	Comments
Issue Dollar Amount	Numeric	Yes	26	40	15	1200.55	Cannot contain currency, symbols or commas. Amounts interpreted using implied decimals. This means if the amount in the file is 123, it will be interpreted as USD $1.23.
Issue Date	MMDDYYYY	Yes	41	48	8	12312017	Must use MMDDYYYY format
Issue / Void Indicator	Alpha	Yes	49	49	1	V	I = Issue / V = Void
Payee Name	Alphanumeric	Yes	50	119	70	Al B. Zienya	Left justify payee name and space/blank fill on right. Must exactly match payee name shown on check. For example, cannot have Al B. Zienya in issue file and Zienya, Al written on the check. Do not include special characters (e.g. ß or Ÿ or ñ

CNBANK Positive Pay Format (20.35880)

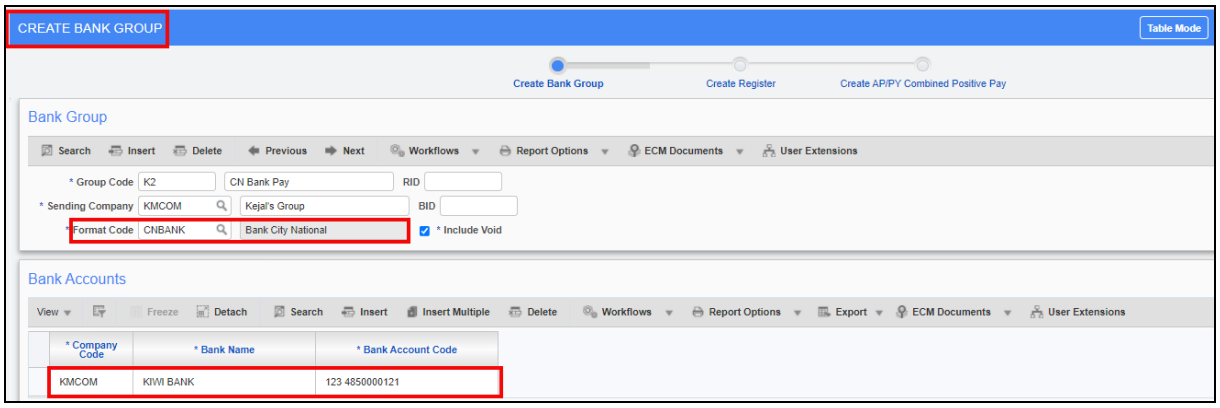
Modified the CNBANK Positive Pay File Format

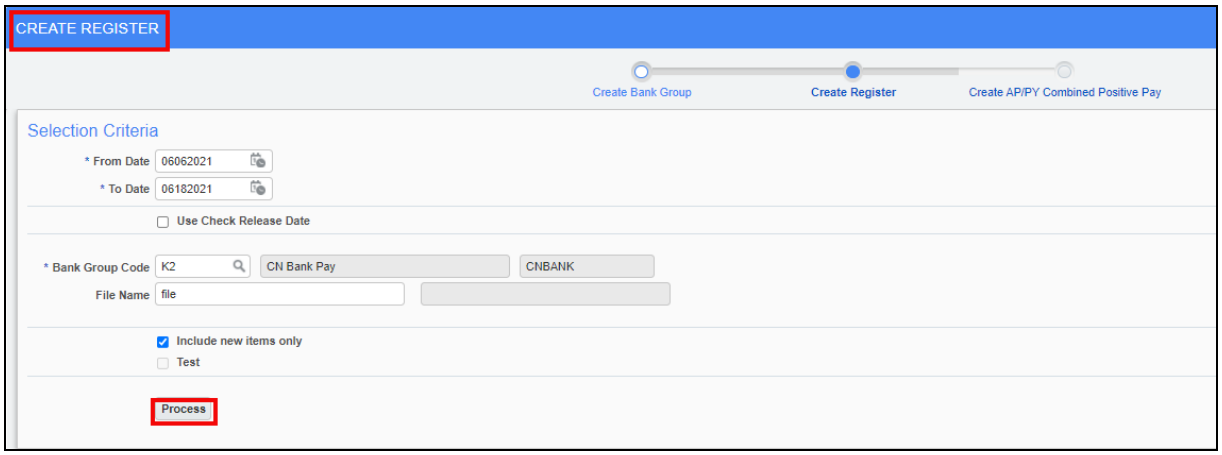
Modifications:

The CNBANK Positive Pay format will be modified to:

- Include all 10 digits of the bank account number.

Setup and Creation of the File:





The following sample Positive pay file is created. The comma from the payee's name will not be removed and all 10 digits of the bank account number will printed in the Register.

```
123 485000,7,22.82,06/18/21,"K-Designers,KMCOM",I
123 485000,8,839.79,06/18/21,"K-Docks,KMCOM",I
123 485000,9,4024.76,06/18/21,"K-Greens,KMCOM",I
123 485000,10,.76,06/18/21,"K-Homes,KMCOM",I
123 485000,11,6242.83,06/18/21,"K-Sunshine,KMCOM",I
123 485000,12,5432.53,06/18/21,"K-Vendor, KMCOM",I
123 485000,13,538.90,06/18/21,"K-Wellness,KMCOM",I
```

AMERIS Bank EFT Format (21.36848)

Created an EFT File Format 'AMERISBNK'.

Modifications:

The EFT Format Setup has an entry for 'AMERISBNK' and the code values may be set as required by the bank or the customer. During check printing, users must select this format code to produce an EFT File.

Batch Header Record - Record# 5

- Service Class Code "220" will be used in the file.
- Standard Entry Class "CCD" will be used in the file.
- Company entry description "PAYMENTS" will be used in the file.
- Company Identification "Company Tax Reg 2" field value will be used in the file.

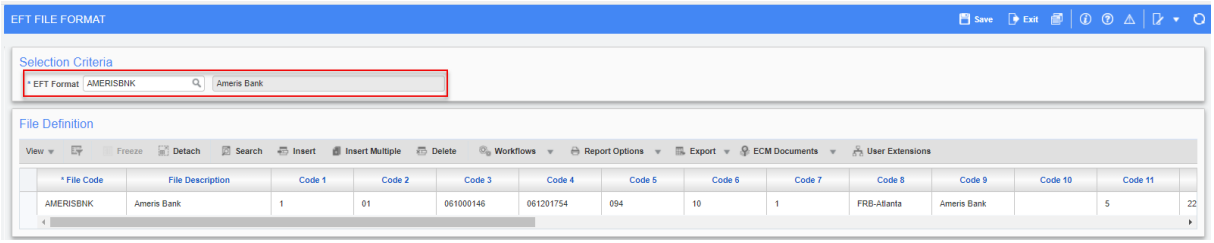
Entry Detail Record - Record# 6

- Transaction Code "22" will be used.

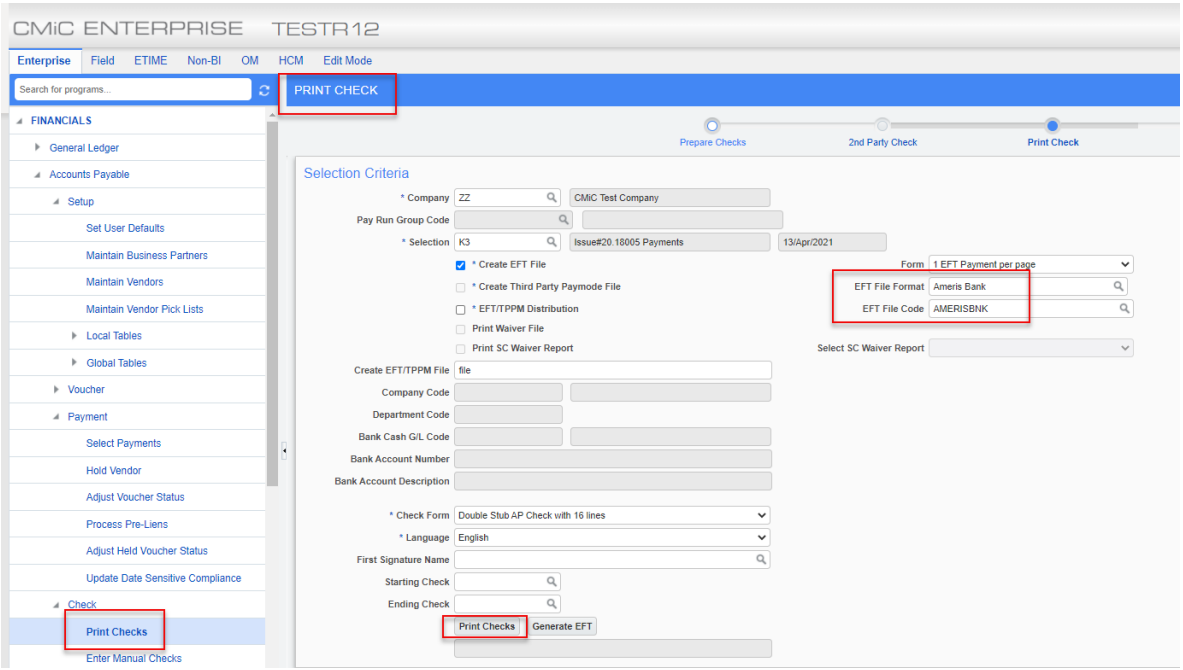
Batch Control Record - Record# 8

- Service Class Code "220" will be used in the file.
- Company Identification "Company Tax Reg 2" field value will be used in the file.

Setup and Printing EFT File:

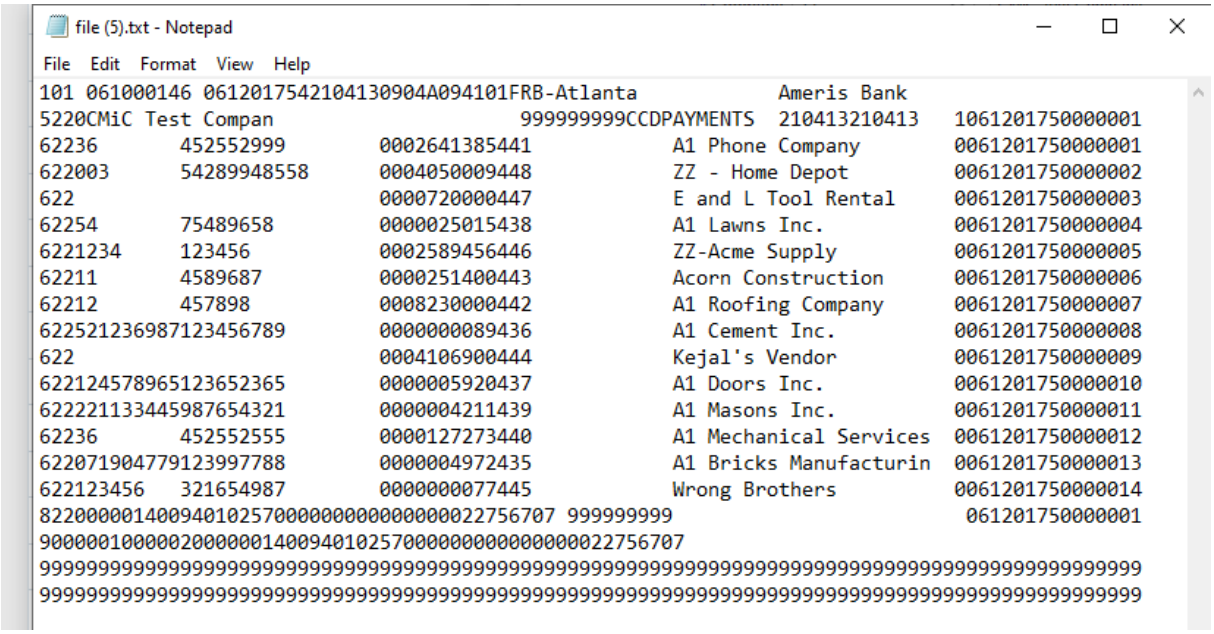


AP > Setup>Global Tables > EFT Formats



AP > Check>Print Checks

The following is a test EFT file generated for AMERISBNK format.



file (5).txt - Notepad

File Edit Format View Help

```
101 061000146 0612017542104130904A094101FRB-Atlanta           Ameris Bank
5220CMiC Test Compan                    999999999CCDPAYMENTS  210413210413   1061201750000001
62236       452552999       0002641385441           A1 Phone Company        0061201750000001
622003      54289948558     0004050009448           ZZ - Home Depot         0061201750000002
622                         0000720000447           E and L Tool Rental     0061201750000003
62254       75489658        0000025015438           A1 Lawns Inc.           0061201750000004
6221234     123456          0002589456446           ZZ-Acme Supply          0061201750000005
62211       4589687         0000251400443           Acorn Construction      0061201750000006
62212       457898          0008230000442           A1 Roofing Company      0061201750000007
622521236987123456789       0000000089436           A1 Cement Inc.          0061201750000008
622                         0004106900444           Kejal's Vendor          0061201750000009
622124578965123652365       0000005920437           A1 Doors Inc.           0061201750000010
622221133445987654321       0000004211439           A1 Masons Inc.          0061201750000011
62236       452552555       0000127273440           A1 Mechanical Services  0061201750000012
622071904779123997788       0000004972435           A1 Bricks Manufacturin  0061201750000013
622123456   321654987       0000000077445           Wrong Brothers          0061201750000014
8220000014009401025700000000000000022756707 999999999                       061201750000001
900000100000200000014009401025700000000000000022756707
9999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999
9999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999
```

The following screens shows the AMERISBNK EFT File specifications:

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'	061000146	061201754	YYMMDD	HHMM	Alphanumeric	'094'	'10'	'1'	FRB-Atlanta	Ameris Bank	Alphanumeric
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	FRB Atlanta transit routing number with a leading space, " 061000146"	10. Format Code	Currently there is only one code. Enter 1.
4. Immediate Origin	Ameris Bank's transit routing number with a leading space, " 061201754"	11. Immediate Destination Name	Enter FRB-Atlanta
5. File Creation Date	The date you created the input file	12. Immediate Origin Name	Ameris Bank
6. File Creation Time	Time of day you created the input file.	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).		

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	Alphanumeric	Alphanumeric	NNNNNNNNNN	Alpha	Alphanumeric	Alphanumeric	YYMMDD	Blanks	1	061201754	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 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.
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 Transactions are to be posted to the participants' account
3. Company Name	Your company name, up to 16 characters.	10. Reserved	Leave this field blank
4. Discretionary Data	For your company's internal use, if desired.	11. Originator Status Code	Enter "1".
5. Company Identification	Your 10-digit company number.	12. Origination Financial Institution	Enter Ameris Bank's routing number 061201754
6. Standard Entry Class	Identifies the entries in the batch	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)		

CCD 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 the Batch Header 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 their bank statement.
		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.
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 Requirement	M	M	M	M	M	M	R	O	N/A	M	M
Contents	'8'	Numeric	Numeric	Numeric	$$$$$$$$cc	$$$$$$$$cc	NNNNNNNNNN	Blank	Blank	061201754	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 Header 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.	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 Ameris Bank's routing number 061201754
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 block 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.

TRUSTMARK Bank EFT Format (20.35555)

Created an EFT File Format ‘TRUSTMARK’.

Modifications:

The EFT Format Setup has an entry for ‘TRUSTMARK’ and the code values may be set as required by the bank or the customer. During check printing, users must select this format code to produce an EFT File.

Batch Header Record - Record# 5

- Service Class Code "220" will be used in the file.
- Standard Entry Class "CCD" will be used in the file.
- Company entry description "PAYMENTS" will be used in the file.
- Immediate Destination will read from EFT setup.
- Immediate Origin, Company Identification "Company Tax Reg 2" field value will be used in the file.

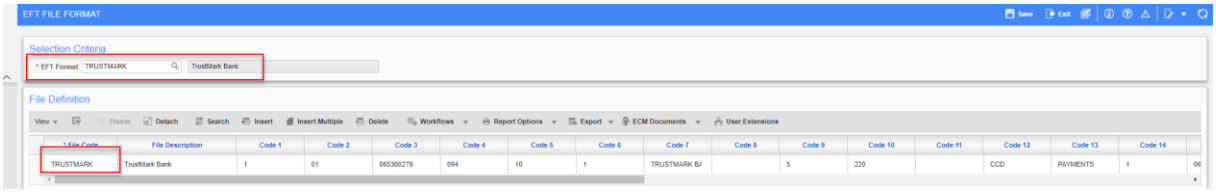
Entry Detail Record - Record# 6

- Transaction Code "22" will be used.
- ORIGINATING DFI IDENTIFICATION will read from EFT setup.

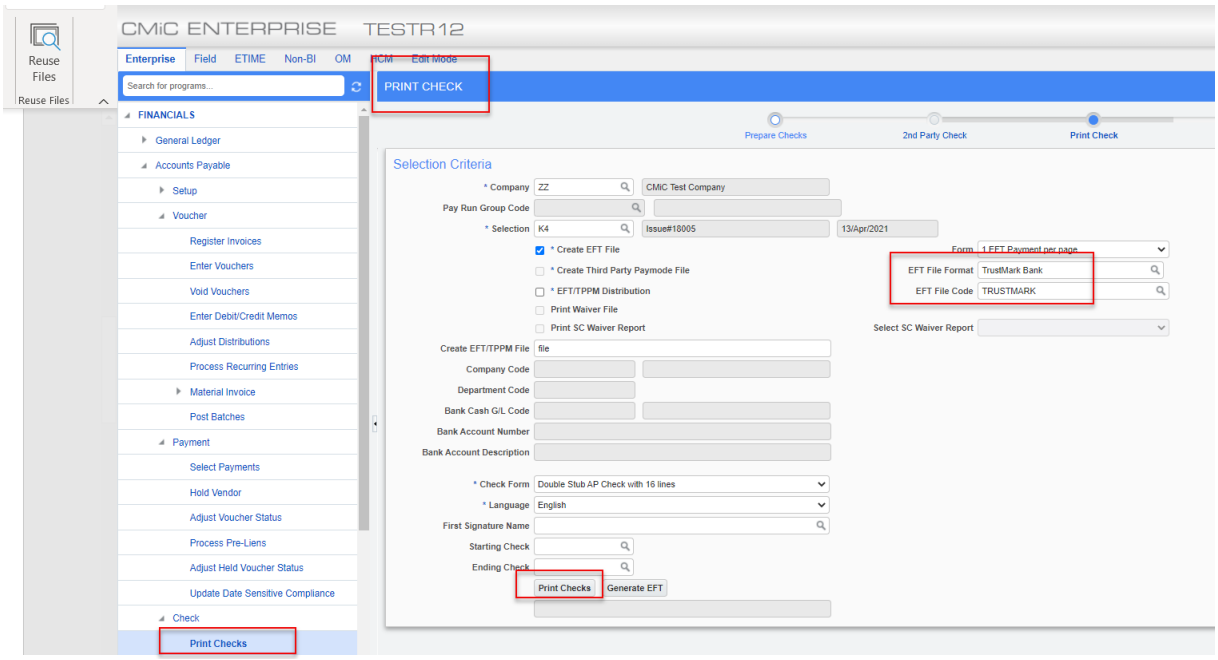
Batch Control Record - Record# 8

- Service Class Code "220" will be used in the file.
- Company Identification "Company Tax Reg 2" field value will be used in the file.

Setup and Printing EFT File:



AP > Setup>Global Tables > *EFT* Formats



AP > Check>Print Checks

The following is a test EFT file generated for 'TRUSTMARK' format.

file (6).txt - Notepad

File Edit Format View Help

```
101 065300279 9999999992104131004A094101TRUSTMARK BANK         CMiC Test Company
5220CMiC Test Compan                    2999999999CCDPAYMENTS  210413210413   1065300270000001
622123456    321654987        00000000190000002349    Wrong Brothers          0065300270000001
62236        452552555        00069999990000002344    A1 Mechanical Services  0065300270000002
62212        457898           00044000090000002346    A1 Roofing Company      0065300270000003
622111       412563789        00008032509000002351    E and L Tool Rental     0065300270000004
622521236987123456789         00000001190000002340    A1 Cement Inc.          0065300270000005
62212457896512365 2365        00000022829000002341    A1 Doors Inc.           0065300270000006
62254        75489658         00000256309000002342    A1 Lawns Inc.           0065300270000007
622221133445987654321         00000400779000002343    A1 Masons Inc.          0065300270000008
62211        4589687          00000056259000002347    Acorn Construction      0065300270000009
622010       400801           00008877009000002348    Kejal's Vendor          0065300270000010
622071904779123997788         00000360239000002339    A1 Bricks Manufacturin  0065300270000011
62236        452552999        00004500259000002345    A1 Phone Company        0065300270000012
6221234      123456           00044000090000002350    ZZ-Acme Supply          0065300270000013
822000001300940103750000000000000000180506232999999999                       065300270000001
900000100000200000013009401037500000000000000018050623
9999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999
9999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999
9999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999
```

SCOTIABANK EFT Format (21.36999)

Created a new AP EFT Format "SCOTIABANK" with a description of "ScotiaBank-Standard 152".

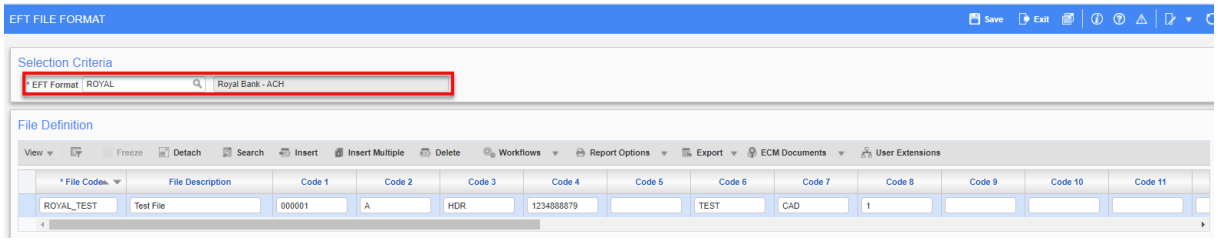
Modifications:

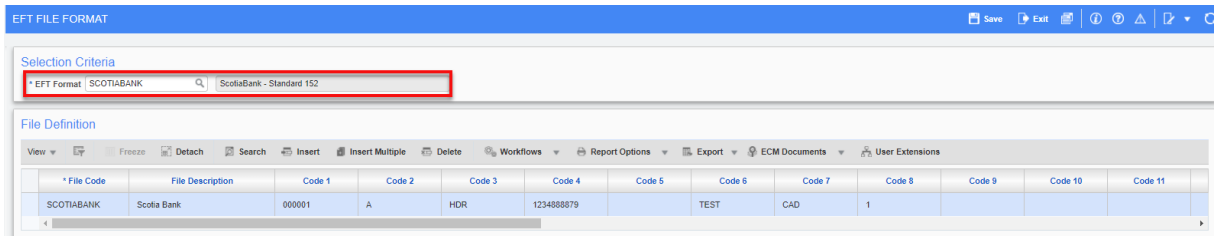
Created a new AP EFT file Format "ScotiaBank - Standard 152" for Scotia Bank by using an existing AP EFT file format "ROYAL" with following changes only. New EFT code and setup will be created for this new format.

1. First line is removed.

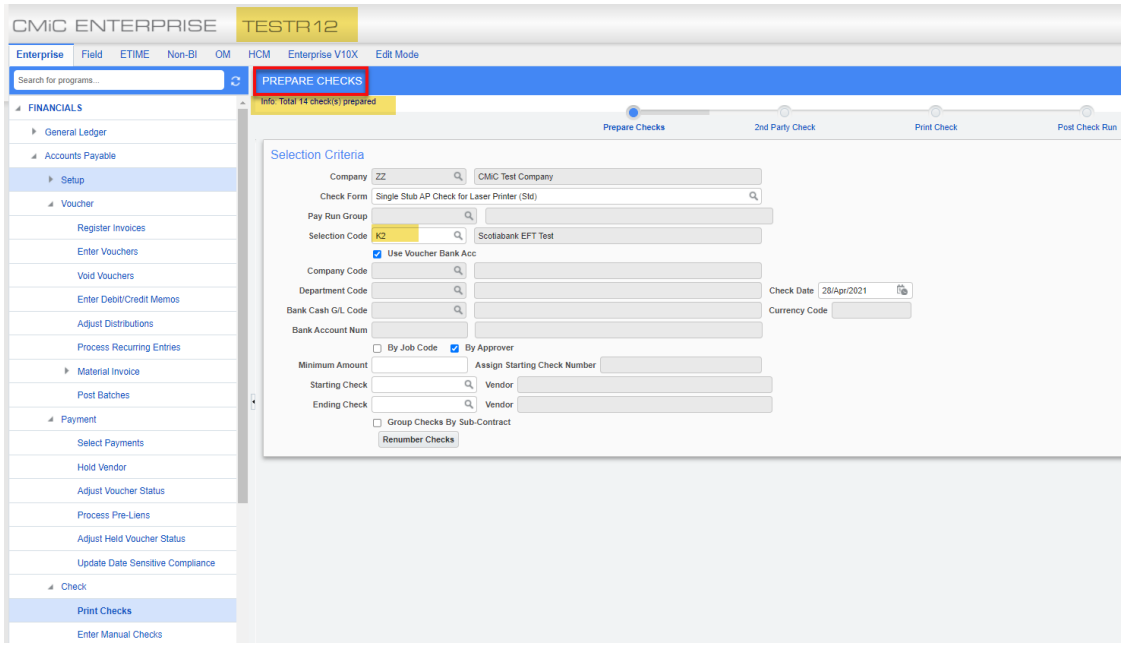
2. On detail record (Type C), Customer ID all ten characters will be read from the Code 4 field from EFT setup.

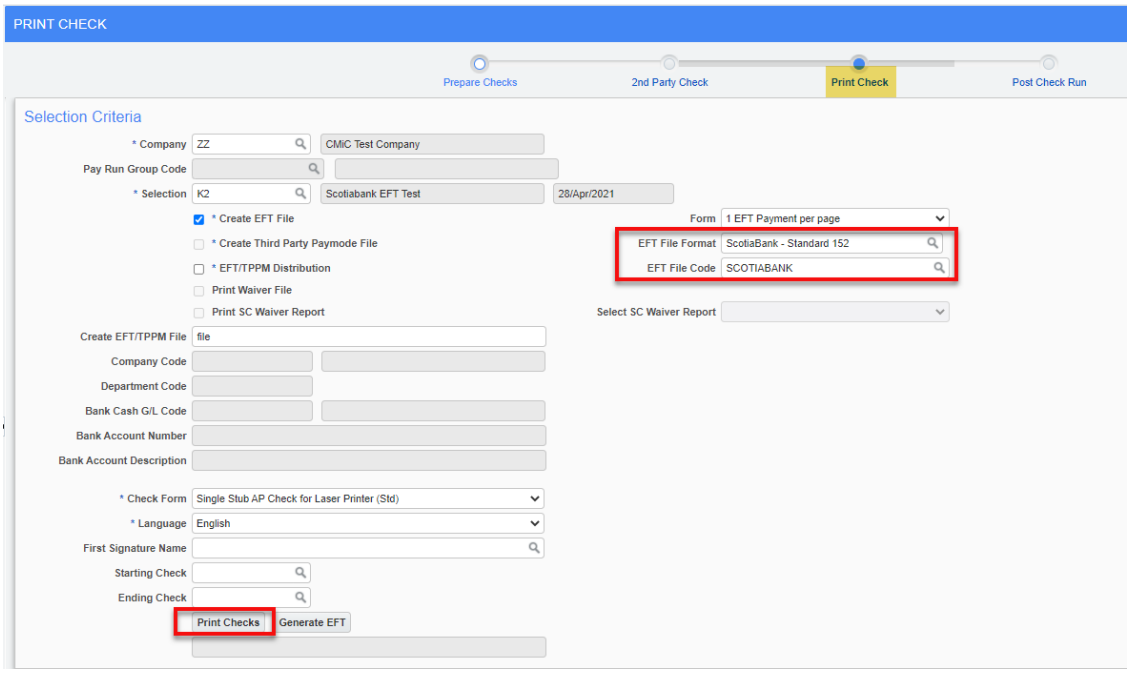
Setup and printing EFT File formats





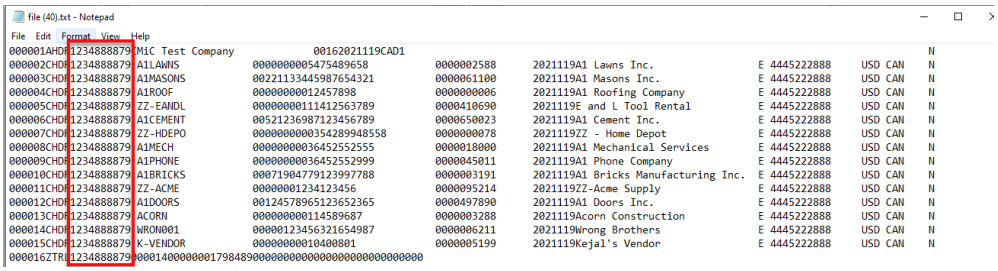
AP > Setup>Global Tables > EFT Formats





AP > Check>Print Checks

The following is the EFT File generated for “SCOTIABANK” format.



BMO EFT 80-Byte Format (21.37563)

Created an EFT File Format ‘BMO EFT 80-BYTE FORMAT’.

Modifications:

Created a new AP EFT fixed length file format for BMO Bank "BMO EFT 80- BYTE FORMAT" with following fields mappings.

File Header Record Type A (80 Character)

- Field#1(Logical Record ID) - AP EFT SETUP - 'A'
- Field#2(Originator ID) - AP EFT SETUP - 'VENDR002OC'
- Field#3(File Creation #) - Unique File Sequence - 0001
- Field#4(File Creation Date) - Sysdate - format 0YYDDD
- Field#5(Destination Data Centre Code) - AP EFT SETUP - '00120'
- Field#6(Blanks) - Space fill

Batch Header Record Type X (80 Character)

- Field#1(logical Record ID) - AP EFT SETUP - 'X'
- Field#2(Batch Payment Type) - AP EFT SETUP - 'C'

- Field#3(Transaction Type Code) - AP EFT SETUP - '430'
- Field#4(Funds are payable) - Payment Date - Format 0YYDDD
- Field#5(Originator's Short Name) - Company Code (Company Setup)
- Field#6(Originator's Long Name) - Company Name (Company Setup)
- Field#7(Premforms Bank & transit) - Cash Account Bank Transit Number (Bank Account Setup)
- (0BBBTTTTT) 0 - Constant, BBB - Bank number 001, Branch Transit# 04702
  Note: Whole 9-digit value must be setup on Bank Account Transit field
- Field#8(Premforms account) - Cash Account Bank Account Number (Bank Account Setup)
- Field#9(Blanks) - Space fill

Detail Record Type C (80 Character)

- Field#1(logical Record ID) - AP EFT SETUP - 'C'
- Field#2(Amount) - Cheque Amount
- Field#3(Payee Institution ID) - Vendor's Bank Transit Number (Vendor Setup)
  (0BBBTTTTT) 0 - Constant, BBB - Bank number xxx, Branch Transit# xxxxx
- Note: Whole 9-digit value must be setup on Vendor's setup field Transit Number
- Field#4(Payee Account#) - Vendor's Bank Account Number (Vendor Setup)
- Field#5(Payee Name) - Vendor Name (Business Partner Setup - Field BP_NAME)
- Field#6(Blanks) - Space fill

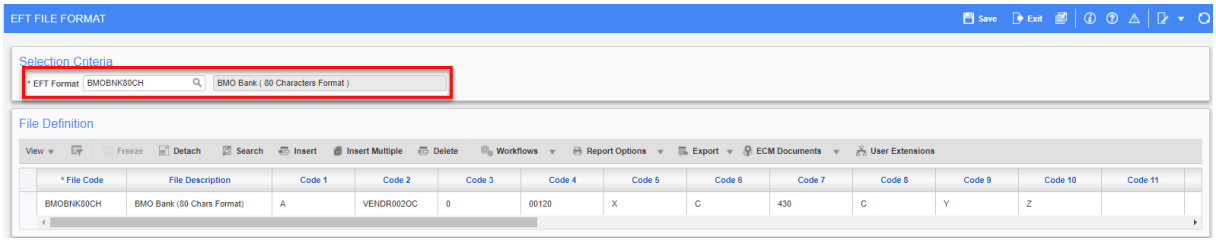
Batch Control Record Type Y (80 Character)

- Field#1(logical Record ID) - AP EFT SETUP - 'Y'
- Field#2(Batch Payment Type) - AP EFT SETUP - 'C'
- Field#3(Batch Record Count) - Total Batch Records
- Field#4(Batch Amount) - Total Batch Amount
- Field#5(Blanks) - Space fill

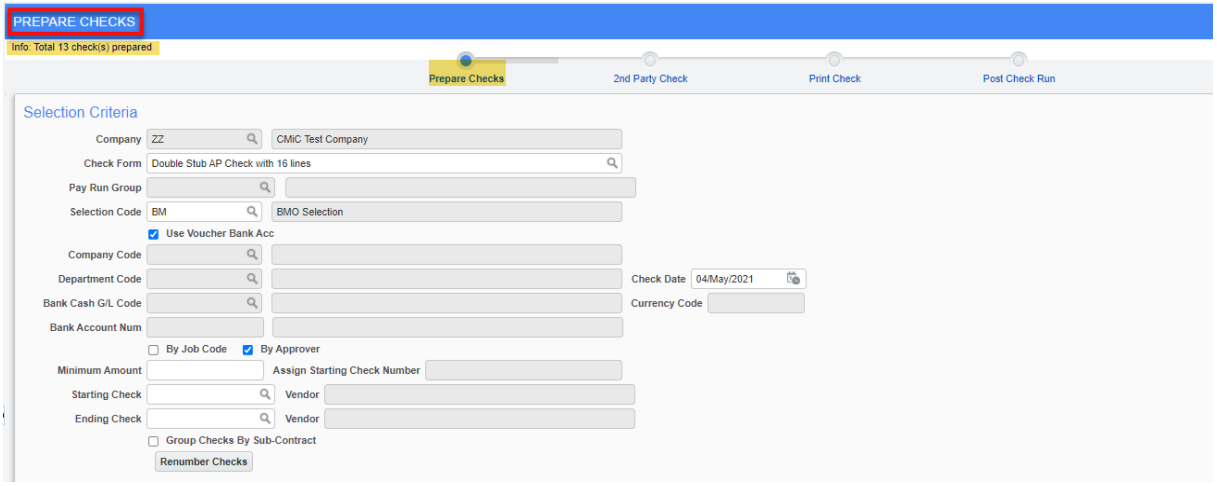
File Control Record Type Z (80 Character)

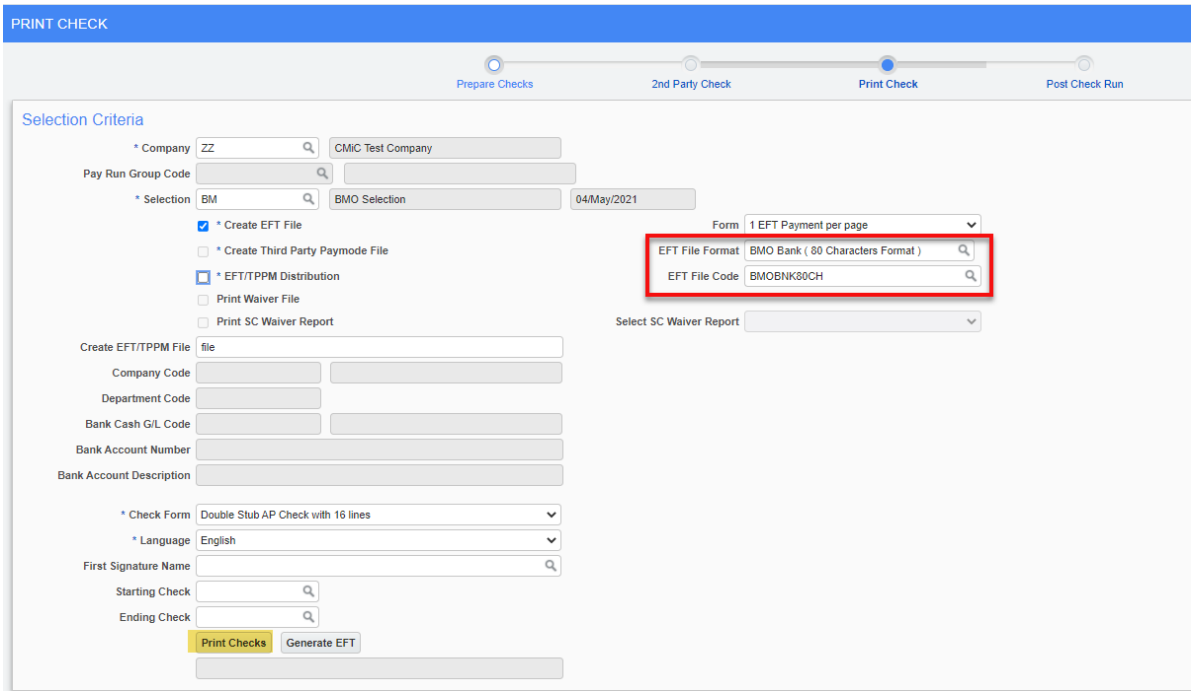
- Field#1(logical Record ID) - AP EFT SETUP - 'Z'
- Field#2(Blanks) - Zero fill
- Field#3(Blanks) - Zero fill
- Field#4(Total value of C records) - Total value of C records
- Field#5(Total number of C records) - Total number of C records
- Field#6(Blanks) - Space fill

Setup and Printing EFT File:



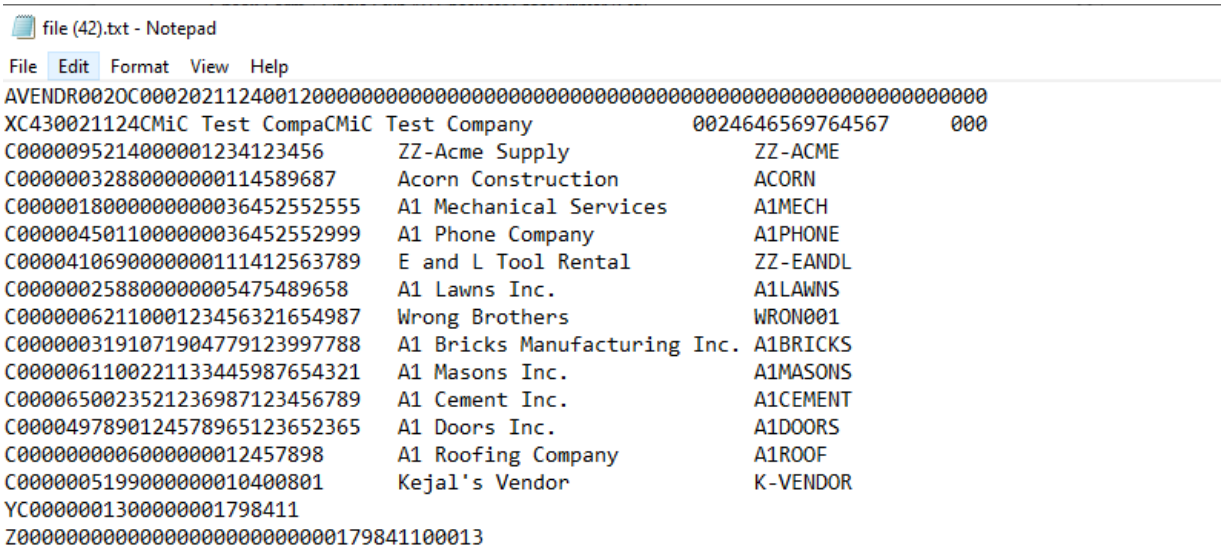
AP > Setup>Global Tables > EFT Formats





AP > Check>Print Checks

The following is a test EFT file generated for ‘BMO Bank-80 Characters’ format.



WELLS FARGO Bank EFT Format (21.41242)

Created a new Wells Fargo ACH Format ‘WELLSFARGO_5’

Modifications:

The EFT Format Setup has an entry for ‘WELLSFARGO_5’ and the code values may be set as required by the bank or the customer. During check printing, users must select the format code to produce an EFT File.

Batch Header Record-Record#5

- Service class code (Field position 2-4) – ‘225’ value will be used, this will be taken from AP EFT Setup
- Standard Entry Class Code (Field position 51-53) - Default "CCD" value will be used; this value will be taken from AP EFT Setup. To use "PPD" for different company, user will have to setup new record in EFT Setup manually)

Entry Detail Record - Record# 6

- Transaction code (Field position 2-3) – ‘27’ value will be used, this will be taken from AP EFT Setup
- Individual ID (Field position 55-76) - This will be taken from AP EFT Setup, by default blank in setup. Need to setup manually by the user. If using different value for different companies then user will have to setup new record in EFT Setup manually for each company using different value.
- Individual Name (Field position 77-78) - This field will be blank.

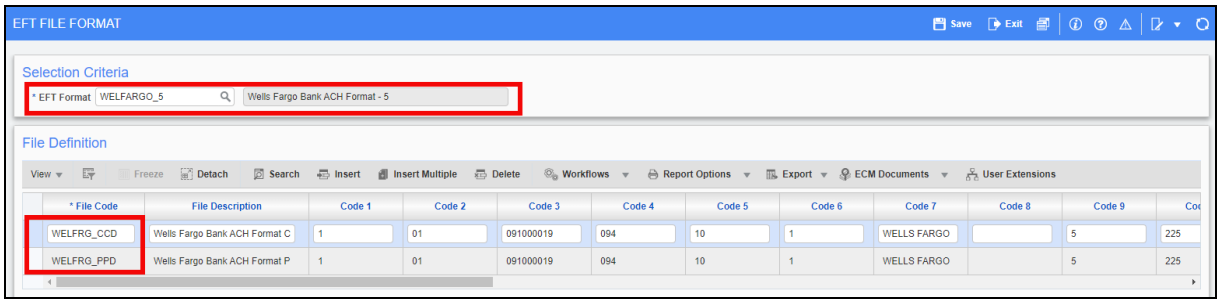
Addenda Record- Record#7

- No Addenda record will be shown in the file.

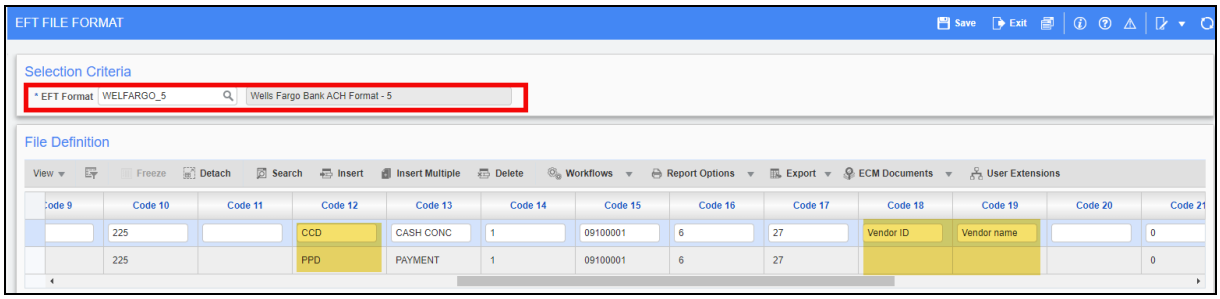
This will be done on R12(ADF).

EFT File Format Setup and Check Printing:

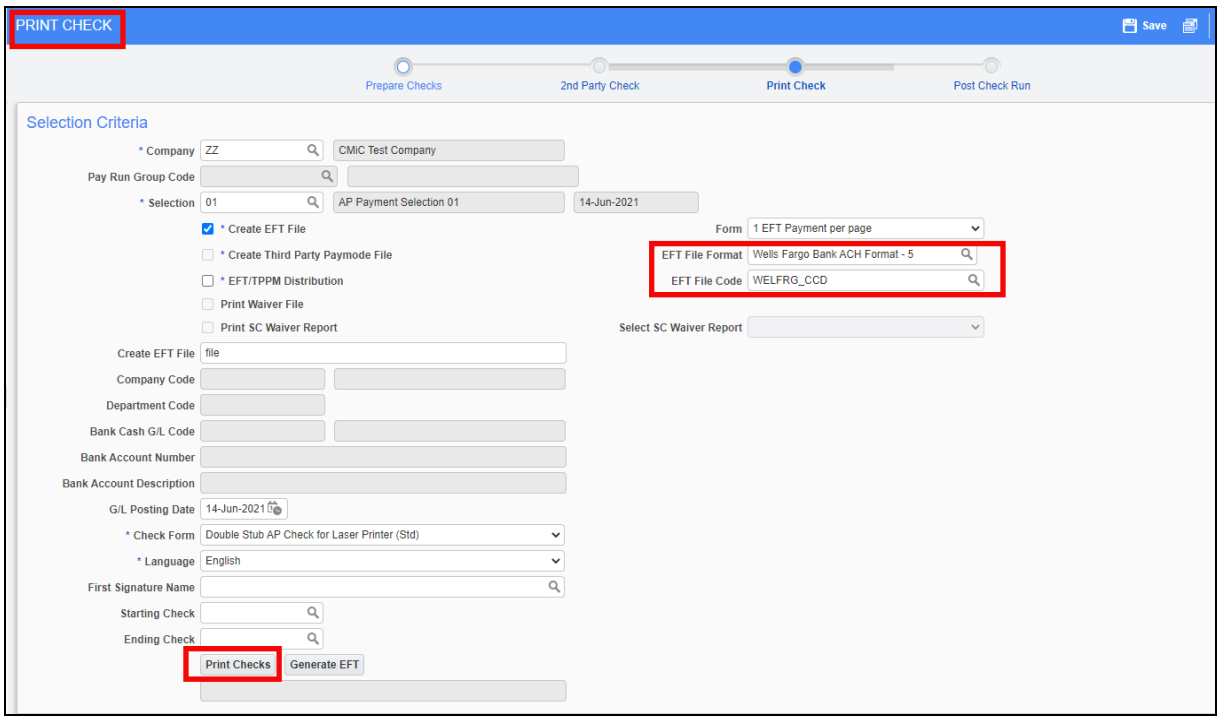
The user can choose the file code required for processing, based on the values required.



The user should enter Code 18 and 19 for processing based on their requirement.



AP>Setup>Global Tables>EFT File Format



AP>Checks>Print Checks

Sample EFT File generated with File Code **WELFRG_CCD**:

```
101 091000019TAXREG#123210614110 6B094101WELLS FARGO           CMIC TEST COMPANY
5225CMIC TEST COMPAN                  TAXREG#123CCDCASH CONC JUN 14210614   1091000010000001
6274444444444850000060       0001050047                                     0091000010000001
62745123   24850000057       0000000087                                     0091000010000002
627123456789485000059        0000009649                                     0091000010000003
62712345555948500000 59      0000000227                                     0091000010000004
62745123   248500000256      0000095214                                     0091000010000005
62741222   24850000058       0000042180                                     0091000010000006
62712345   44850000056       0000006733                                     0091000010000007
822500000700692794900000000000000000001204137TAXREG#123                   091000010000001
900000100000200000007006927949000000000000000001204137
```

Sample EFT File generated with File Code **WELFRG_PPD**:

```
101 091000019TAXREG#123210614110 6B094101WELLS FARGO           CMIC TEST COMPANY
5225CMIC TEST COMPAN                  TAXREG#123PPDPAYMENT   JUN 14210614   1091000010000001
62712345   44850000056       0000006733VEN11          VENDOR11               0091000010000001
627123456789485000059        0000009649VEN11          VENDOR11               0091000010000002
62745123   24850000057       0000000087VEN11          VENDOR11               0091000010000003
62741222   24850000058       0000042180VEN11          VENDOR11               0091000010000004
62712345555948500000 59      0000000227VEN11          VENDOR11               0091000010000005
6274444444444850000060       0001050047VEN11          VENDOR11               0091000010000006
62745123   248500000256      0000095214VEN11          VENDOR11               0091000010000007
822500000700692794900000000000000000001204137TAXREG#123                   091000010000001
900000100000200000007006927949000000000000000001204137
```

The following screens show the WELLSFARGO ACH File Specifications:

File record types

ACH files are organized into records. Each file always includes one file header record and one file control record. Within the file, transactions are grouped into batches for balancing and control purposes. The data for each ACH transaction is included in an entry detail record, and some transactions include additional data in one or more addenda records. The following diagram shows the basic structure of a single-batch ACH file.

One set for each batch in the file:

File header record – type 1	101 091000019212345678913091512 30A094101WELLS FARGO ABC COMPANY
Company/batch header record – type 5	5200ABC COMPANY WESTERN REGION 2123456789CCDCASH CONC SEP 15130915 1091000010000001
Entry detail record(s) – type 6	627123000123444444444 0000100000LOCATION 1 ABC COMPANY 0091000010000001
	627345000345555555555 0000800000LOCATION 2 ABC COMPANY 1091000010000002
Addenda record(s) – type 7	705*U*00307*0000000183*0*P*:\GS*RA*9133131313*6126127272*20000888*0830*183*T*00201000010000002
Company/batch control record – type 8	820000000300468000460000090000000000000002123456789 091000010000001
File control record – type 9	900000100000100000003004680004600000090000000000000000

File header record — type 1

```
101 091000019212345678913091512 30A094101WELLS FARGO           ABC COMPANY
```

Sample	1	01	091000019	2123456789	130915	1230	A	094	10	1	WELLS FARGO	ABC COMPANY	
Position	1	2-3	4-13	14-23	24-29	30-33	34	35-37	38-39	40	41-63	64-86	87-94
Field	Record type	Priority code	Wells Fargo R/T no.	File ID	File creation date	File creation time	File ID modifier	Record size	Blocking factor	Format code	Origination bank	Company name	Reference code
Field type	Constant	Constant	Constant b091000019, (b=space)	Wells Fargo-assigned ID	Format YYMMDD	Format HHMM in military format	Incremental (A, B, C…)	Constant	Constant	Constant	Constant	Alphanumeric	*(Optional)*

Company/batch header record — type 5

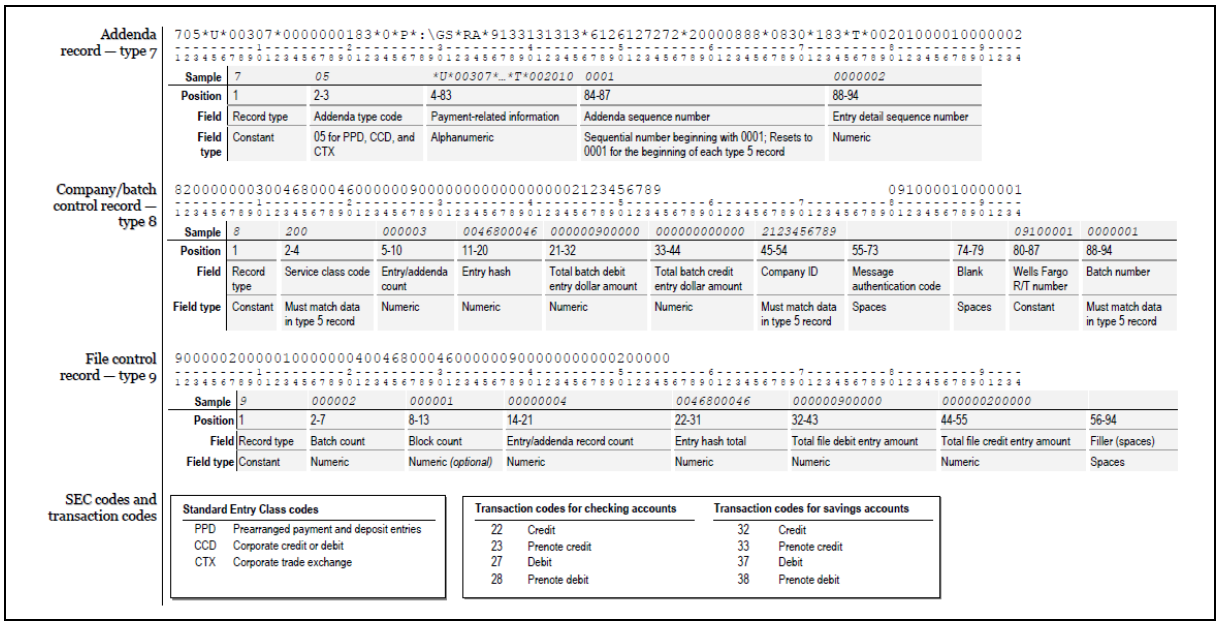
```
5200ABC COMPANY      WESTERN REGION      2123456789CCDCASH CONC SEP 05130915   1091000010000001
```

Sample	5	200	ABC COMPANY	WESTERN REGION	2123456789	CCD	CASH CONC	SEP 15	130915		1	09100001	0000001
Position	1	2-4	5-20	21-40	41-50	51-53	54-63	64-69	70-75	76-78	79	80-87	88-94
Field	Record type	Service class code	Company name	Company discretionary data	Company ID	SEC code	Company entry description	Company descriptive date	Effective entry date	Settlement date	Originator status code	Wells Fargo R/T no.	Batch number
Field type	Constant	200; 220 (credits only); or 225 (debits only)	Alphanumeric	Alphanumeric *(optional)*	Wells Fargo-assigned ID	See SEC code list	Alphanumeric	Alphanumeric *(optional)*	Format YYMMDD	Reserved (leave blank)	Constant	Constant	Sequential starting from 0000001

Entry detail record — type 6

```
627123000123444444444 0000100000LOCATION 1     ABC COMPANY           0091000010000001
```

Sample	6	27	12300012	3	0558769606	0000100000	LOCATION 11	ABC COMPANY		0	09100001 0000001
Position	1	2-3	4-11	12	13-29	30-39	40-54	55-76	77-78	79	80-94
Field	Record type	Transaction code	Receiving DFI R/T number	R/T number check digit	Receiving DFI account no.	Amount	Individual ID	Individual name	Discretionary data	Addenda record indicator	Trace number
Field type	Constant	See transaction code list	Numeric starting w/ 0,1,2, or 3	Numeric	Alphanumeric	Numeric	Alphanumeric *(required for SEC code ARC, POP, or RCK)*	Alphanumeric *(SEC code CTX must use field 55-58 to indicate number of addenda records)*	Two spaces or (*Rb* or *Sb* (b=space)) for WEB	0 or 1	Wells Fargo R/T no. + 7-digit sequential number starting at 0000001



Addenda record — type 7

```
705*U*00307*0000000183*0*P*:\GS*RA*9133131313*6126127272*20000888*0830*183*T*00201000010000002
```

Sample	7	05	*U*00307*_*T*002010	0001	0000002
Position	1	2-3	4-83	84-87	88-94
Field	Record type	Addenda type code	Payment-related information	Addenda sequence number	Entry detail sequence number
Field type	Constant	05 for PPD, CCD, and CTX	Alphanumeric	Sequential number beginning with 0001; Resets to 0001 for the beginning of each type 5 record	Numeric

Company/batch control record — type 8

```
820000000300468000460000009000000000000000002123456789                         091000010000001
```

Sample	8	200	000003	0046800046	000000900000	000000000000	2123456789			09100001	0000001
Position	1	2-4	5-10	11-20	21-32	33-44	45-54	55-73	74-79	80-87	88-94
Field	Record type	Service class code	Entry/addenda count	Entry hash	Total batch debit entry dollar amount	Total batch credit entry dollar amount	Company ID	Message authentication code	Blank	Wells Fargo R/T number	Batch number
Field type	Constant	Must match data in type 5 record	Numeric	Numeric	Numeric	Numeric	Must match data in type 5 record	Spaces	Spaces	Constant	Must match data in type 5 record

File control record — type 9

```
900000200000100000004004680004600000090000000000200000
```

Sample	9	000002	000001	00000004	0046800046	000000900000	000000200000	
Position	1	2-7	8-13	14-21	22-31	32-43	44-55	56-94
Field	Record type	Batch count	Block count	Entry/addenda record count	Entry hash total	Total file debit entry amount	Total file credit entry amount	Filler (spaces)
Field type	Constant	Numeric	Numeric *(optional)*	Numeric	Numeric	Numeric	Numeric	Spaces

SEC codes and transaction codes

Standard Entry Class codes	
PPD	Prearranged payment and deposit entries
CCD	Corporate credit or debit
CTX	Corporate trade exchange

Transaction codes for checking accounts		Transaction codes for savings accounts	
22	Credit	32	Credit
23	Prenote credit	33	Prenote credit
27	Debit	37	Debit
28	Prenote debit	38	Prenote debit

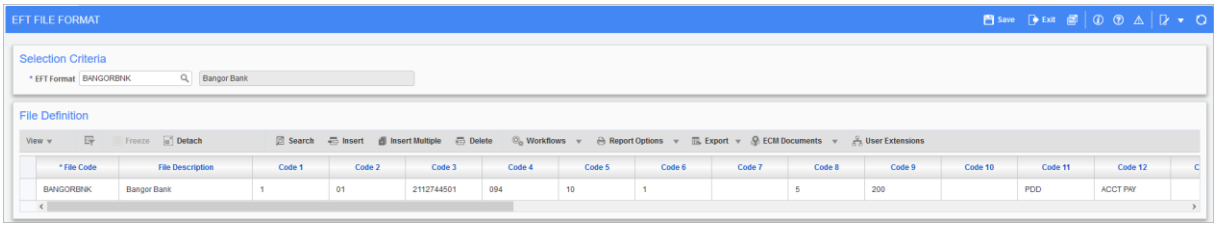
Bangor Bank EFT Format (21.42060)

Overview

Added new EFT Format for Bangor Bank.

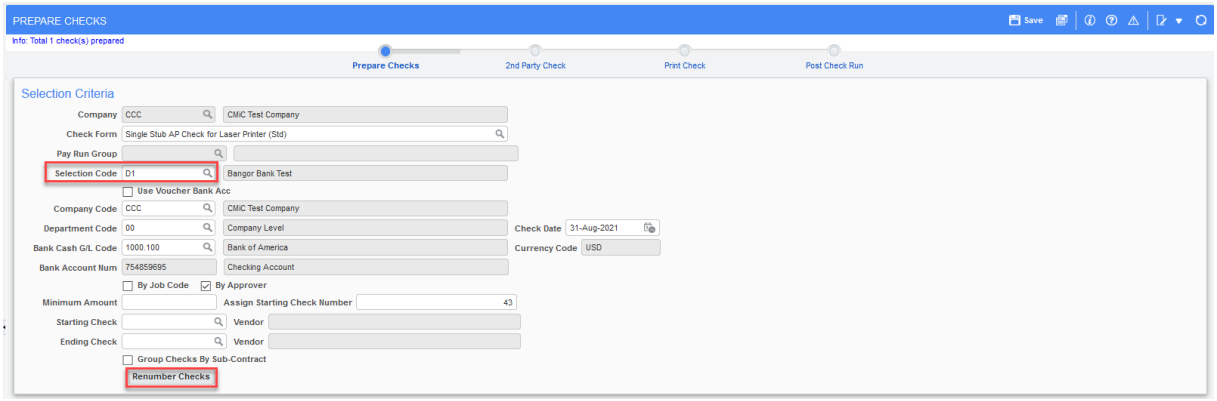
Pre-requisites

The EFT Format Setup has an entry for ‘AMERISBNK’ and the code values may be set as required by the bank or the customer. During check printing, users must select this format code to produce an EFT File.

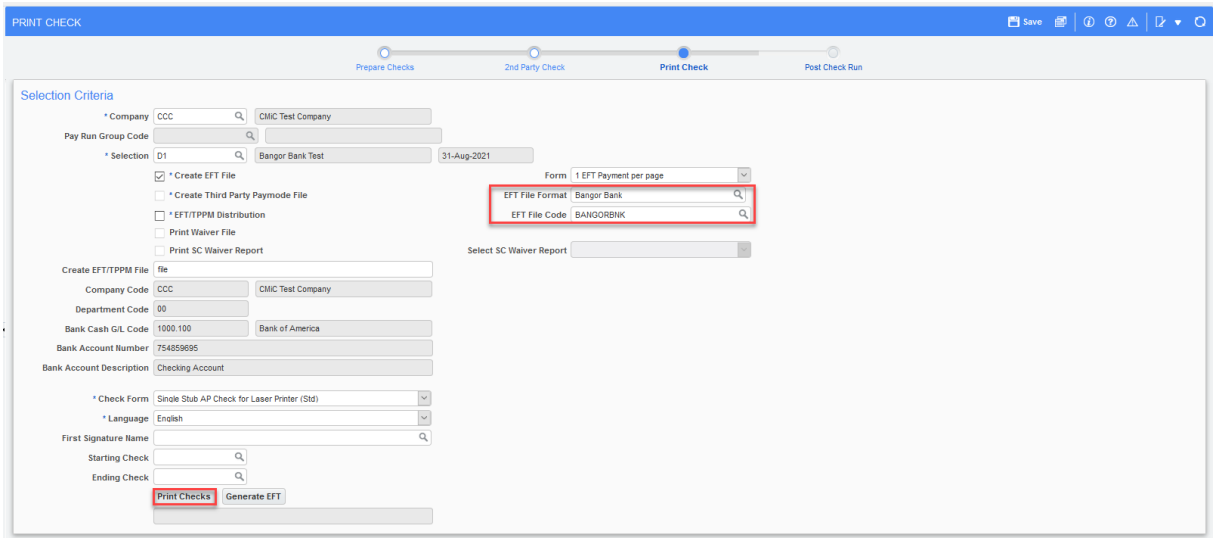


Implementation

Prepare Checks:
Selection Code: D1



Printing Checks:




```
101 211274450 211274450210831020 8A094101BANGOR SAVINGS          CMIC TEST COMPANY
5200CMIC TEST COMPAN                      1TAX2#2222PDDACCT PAY  210831210831    1211274450000001
62214       65235             0001332350BP100          BP100                    0111111110000001
62714       65235             0001332350BP100          BP100                    0111111110000002
820000000200000000010000000000000000013323501TAX2#2222                        111111110000001
900000100000100000002000000001400000000000000000001332350
```

Bangor Bank Format

NOTE: Balance offset record for each transaction detail 6 record. Balance entry will be copy of detail 6 record line, only transaction code and last field detail line sequence number will be different rest will be same.

File Header ("1" Record)

Field Name	Width	Format	Ultimate Source	Comments
Record type	1			Always '1'
Priority code	2	Numeric, left pad with zeroes		Always "01" Set at Create Batch
blank	1			Always a space. The immediate destination id starts with a blank, but it is not entered/saved by the profile or application.
Immediate destination id	9	right pad with spaces	Bank Settings: ImmedDestinationId.	Stored at Create Batch.
Immediate origin id	*10*	*right pad with spaces. Truncate if necessary.*	*Company Settings: Immediate Origin ID. If not there, Master Company: Immediate Origin ID. If not there, Bank Settings ImmediateOriginID.* *If that is null, the first 9 characters of ACHIDNumber for this Company.*	*Stored at Create Batch. Insert a blank as 1st position in the NACHA file.*
Date	6	yymmdd	Date the scoop run was started.	
Time	4	hhmm (military)	Time that the scoop run was started.	
Id modifier	1		Starts at "A" each day for each file created.	
Record size	3			always '094'
Blocking factor	2	Numeric, left pad with zeroes	Stored in Payments database	always "10"
Format code	1	Numeric, one digit	Stored in Payments database	always "1"
Immediate destination name	23	Right pad with spaces	Bank Settings: ImmedDestName. May be blank.	Stored at Create Batch

Field Name	Width	Format	Ultimate Source	Comments
Immediate origin name	*23*	*Right pad with spaces*	*Company Settings: ImmediateOrigin Name. If not there, Master Company Setttings: ImmediateOrigin Name. If not there, Bank Settings: ImmediateOriginName.* *May be blank.*	*Stored at Create Batch*
Reference code	8	Right pad with spaces	Bank Settings: FileHeaderRefCode. May be blank.	Stored at Create Batch

Batch Header ("5" Record)

Field Name	Width	Format	Source	Comments
Record type	1			Always '5'
Service class code	3	Numeric, left pad with zeroes	Application: ServiceClassCode	Stored at Create Batch
Company name	16	Right-pad with spaces, truncate if necessary.	Application: CompanyName. If null, Company Name for this Company.	Stored at Create Batch
Company discretionary data	20	right pad with spaces	Application: CompanyDiscretionaryData	Stored at Create Batch
Company id	10	right pad with spaces. Truncate if necessary.	Application: ACH ID Number. If not there, ACH ID Number from the Company Profile	Stored at Create Batch
Standard entry class code	3	right pad with spaces	Application: StandardEntryClassCode	Stored at Create Batch
Company entry description	10	right pad with spaces	Application: CompanyEntryDescription For returns, if these are empty, use Bank Settings: ImmedDestId.	Stored at Create Batch
Company descriptive date	6	right pad with spaces	Application: CompanyDescriptiveDate	Stored at Create Batch

Field Name	Width	Format	Source	Comments
Effective date	6	yymmdd	Batch: BatchEffectiveDate	
Settlement date (Julian)	3			three spaces
Originator status	*1*	*Numeric, one digit*	*Application: OriginatorStatus.* *If not there, then Company Settings Originator Status. If not there, then Master Company Originator Status. If not there, Bank Settings: OriginatorStatus*	*Stored at Create Batch*
Originating bank id	*8*	*Right pad with spaces. May need to be truncated from 9 to 8 characters.*	*Application: OriginatingBankId.* *If not there, Company Settings: OriginatingBankId. If not there, then Master Company OrigintatingBankId. If not there, Bank Settings: OriginatingBankId. If not there, Bank Settings: ImmedDestId.*	*Stored at Create Batch* *If using the ImmedDestId, drop the check digit (9th position)*
Batch number	7	Numeric, left pad with zeroes.		Use 1-up number, starting at 1 each system day.

Transaction ("6" Record)

Field Name	Format	Source
Record type		
Transaction code	Numeric, left pad with zeroes	Calculated based on application fields for TransactionType and Checking/Savings/Loans/General Ledger
Destination bank id	right pad with spaces	Application: ReceivingBankID. If not there, Bank SettingsBank Profile: ImmedDestId

Field Name	Format	Source
Destination bank account	right pad with spaces	Application: ReceivingBankAcctNo.
Amount	numeric, left pad with zeroes	Application: amount
Individual Id	right pad with spaces	Application: IndividualIDNoOverride. If null, application: IndividualIDNo.
Individual Name	Right pad with spaces. Truncate if necessary.	Application: IndividualNameOverride. If null, application: IndividualName
Discretionary data	Right pad with spaces.	Application: EntryDetailDiscretData
Addenda Indicator	0 if no addendum. 1 if there is (at least) one.	
Trace number	numeric, left pad with zeroes	Always use the Trace Number Positions 1-8 from Originating Bank ID in the 5 record.

Addenda ("7" Record)

Field Name	Width	Format	Source
Record type	1		
Addenda code	2	numeric, left pad with zeroes	Application: AddTypeCode
Free form	80	right pad with spaces	assorted application fields
Addenda sequence number	4	numeric, left pad with zeroes	first addendum for the entry is 1. Second addendum for the same entry is 2... For the next entry, resume at 1.
Entry sequence number	7	numeric, left pad with zeroes	same as last 7 places in associated entry detail record

Offsets

Field Name	Format	Comment
NACHA 6-record field	Offset Transaction Data Type Table Fields	Where to get Offset Transaction Information from the Original Transaction or from other places in the system
Record Type Code	"6"-handled by TFD	"6"-handled by TFD
Transaction Code	TransactionType	Opposite TransactionType from Original Transaction
CheckingorSavings	CheckingOrSavings	OffsetCheckingorSavings from Data Type Table ELSE default to "C"
RDFI ID (Receiving Bank ID)	*ReceivingBankID*	*OffsetBankID from Application* *ELSE OffsetBankID (Company Offset Routing Number) from Company Settings. If blank, then Master Company Offset Routing Number.* *ELSE Bank Setting's ImmediateDestination ID* *ELSE Fatal Error*
DFI Acct Number (Receiving Bank Account No.)	*ReceivingBankAccountNo*	*OffsetBankAccountNo in DataEntry* *ELSE OffsetAccountNumber from CompanySettings. If blank then Master Company OffsetAccountingNumber* *ELSE Fatal Error*
Amount (for Batch Offsets)	Amount	Amount-sum of the "6" record Amounts of the original transactions
Amount (for Individual Offsets)	Amount	Amount of the original trans.
Identification Number (for Batch Offsets)	Individual ID	OffsetIndividualID from Application ELSE insert text "BATCH OFFSET"
Identification Number (for Individual Offsets)	IndividualID	OffsetIndividualID from Application ELSE IndividualID from Application ELSE Blank
Individual Name (for Batch Offsets)	*Individual Name*	*OffsetIndividualName from Application* *ELSE insert text "OFFST " plus*

Field Name	Format	Comment
		CompanyName from Company Settings. (note space after OFFST)
Individual Name (for Individual Offsets)	Individual Name	OffsetIndividualName from Application ELSE text “INDIVIDUAL OFFSET”
Discretionary Data	EntryDetailDiscretData	OffsetEntryDetailDiscretData from Application ELSE Blank
Addenda Record Indicator	Not applicable.	Not applicable to offset creation. Handled by the TFD.
Trace Number [positions 1-8]	TraceNo1to8	Always use the Trace Number Positions 1-8 from Originating Bank ID in the 5 record.
Trace Number [positions 9-15]	System generated	System generated. Handled by the TFD.
NACHA 7-record field	Not applicable	Not applicable to offset creation. Handled by the TFD.
Addenda Record	AddInfo	OffsetAddendaInfo in the Application ELSE Blank

Batch Footer (“8” Record)

Field Name	Format	Comment
Record type		Always ‘8’
Service class code	Numeric, left pad with zeroes	Copied from the “5” record
Entry addenda count	Numeric, left pad with zeroes	This equals the sum of the number of entry detail records and the number of addenda records
Entry hash	Numeric, left pad with zeroes	hashes are the sums across entries of first 8 digits of destination bank ID, with any overflow beyond 10 digits discarded from the total (we write the last 10 digits of the sum).
Total Debit Amount	Numeric, left pad with zeroes	to two decimal places with no decimal point
Total Credit Amount	Numeric, left pad with zeroes	to two decimal places with no decimal point

Field Name	Format	Comment
Company Id		same as in batch header
Reserved		first 8 are MAC. Next 11 are blank (but held for big macs). Last 6 are truly reserved. all spaces
Originating bank id		same as in batch header
Batch number		same as in batch header

NOTE: The Company ID field should match the one supplied in the corresponding "5" record.

File Footer ("9" Record)

Field Name	Format	Comment
Record type		Always '9'
Batch count	numeric, left pad with zeroes	
Block count	numeric, left pad with zeroes	Take number of records in the file, including this trailer record. Add one less than the block factor. Block Count = result (integer) divide by Block Factor.
Entry addenda count	numeric, left pad with zeroes	This equals the sum of the number of entry detail records and the number of addenda records in the file.
Entry hash	numeric, left pad with zeroes	Hashes are the sums across entries of first 8 digits of destination bank ID, with any overflow beyond 10 digits discarded from the total (we write the last 10 digits of the sum).
Total Debit Amount	numeric, left pad with zeroes	to two decimal places without decimal point
Total Credit Amount	numeric, left pad with zeroes	to two decimal places without decimal point
Reserved		all spaces

New functionality change in the [Move to new Selection Code] button while preparing Checks through Comdata Integration (21.39640)

Overview:

Move to New Selection Code functionality has been modified to select Vendors instead of individual Invoices while performing Move operation for unreconciled payments for the Vendors.

NOTE: A Vendor must be paid in Full in regard to COMDATA Integration. Meaning a Vendor must be paid completely for all the Invoices or cannot have any payment at all. Partial payment of Checks or Invoices is Not Allowed.

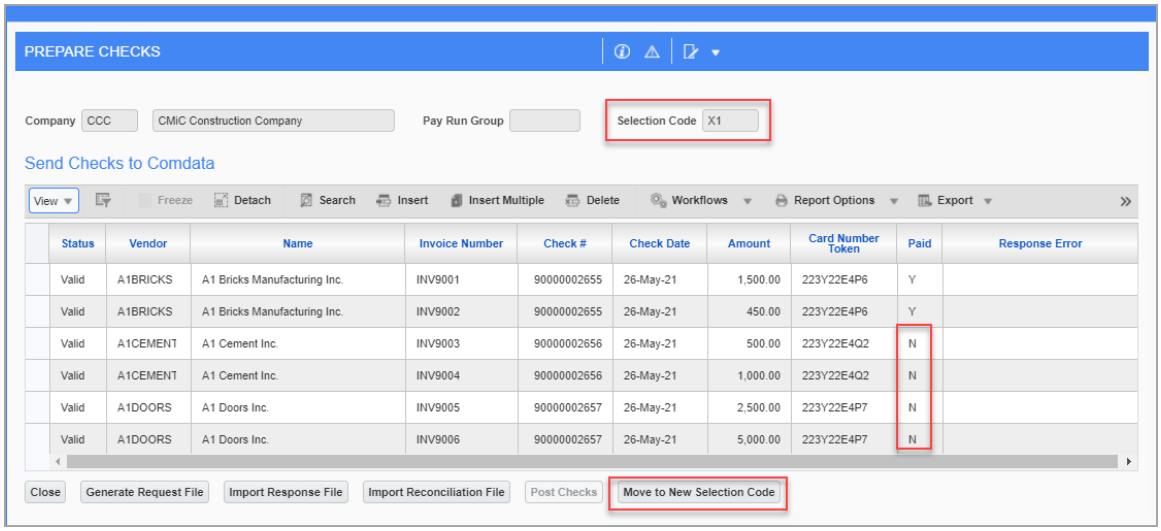
Modifications:

The New Move to New Group/Selection pop-up window - Enter New Code, varies depending on whether it is launched for a selection code or pay run group.

New Move Functionality while Preparing Checks for a Selection Code:

The Comdata screen in the Prepare Checks screen has been modified to hide the Select Flag.

The MOVE column has been removed from the below screen.



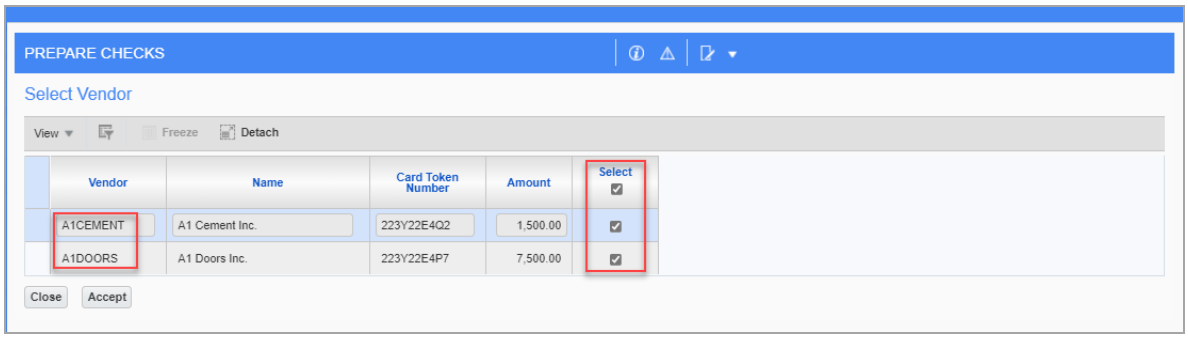
Pop-up window launched from [Comdata] button on the Prepare Checks screen (Accounts Payable> Check)

While performing the Move operation, User will not be able to select invoices individually, rather the system will allow User to select the Vendor. So, all the invoices attached to the Vendor whose payment is due will be moved at once.

System will not allow to Move invoices of Vendor if the payment is complete.

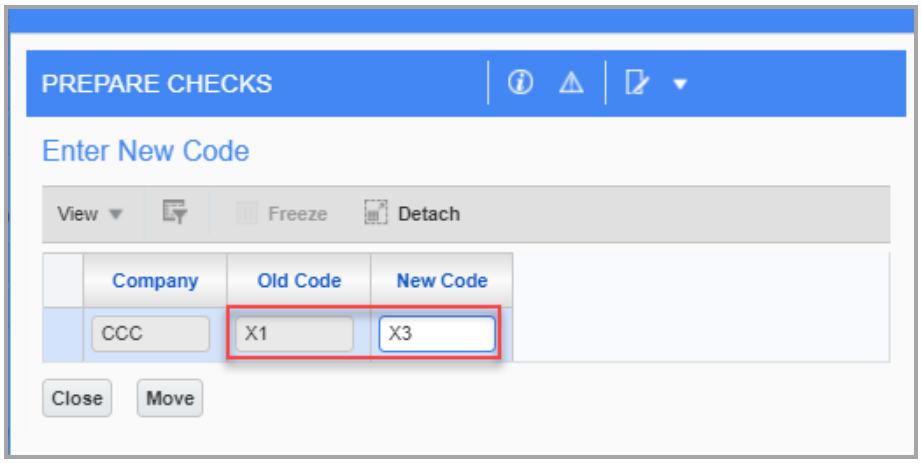
Under one Selection Code, when selected all the invoices would be moved to the new selection code.

“Move to New Selection Code” will open a new screen to allow User to select the Vendor.



Pop-up window launched from [Move to New Selection Code] button for selection codes.

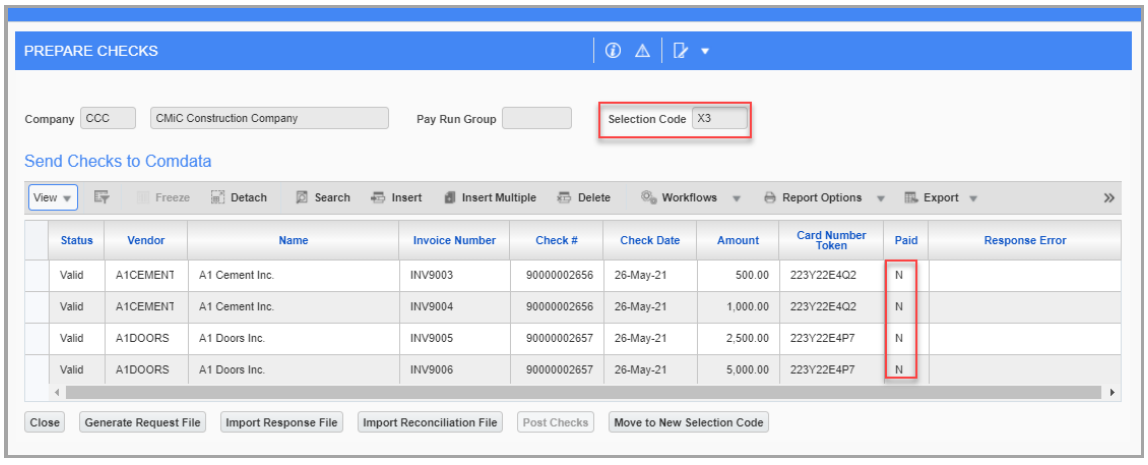
Upon clicking the [**Accept**] button, users will be allowed to enter new Selection Code in the new pop-up screen Enter New Code.



Pop-up window launched from [Accept] button from Select Vendor window for selection codes.

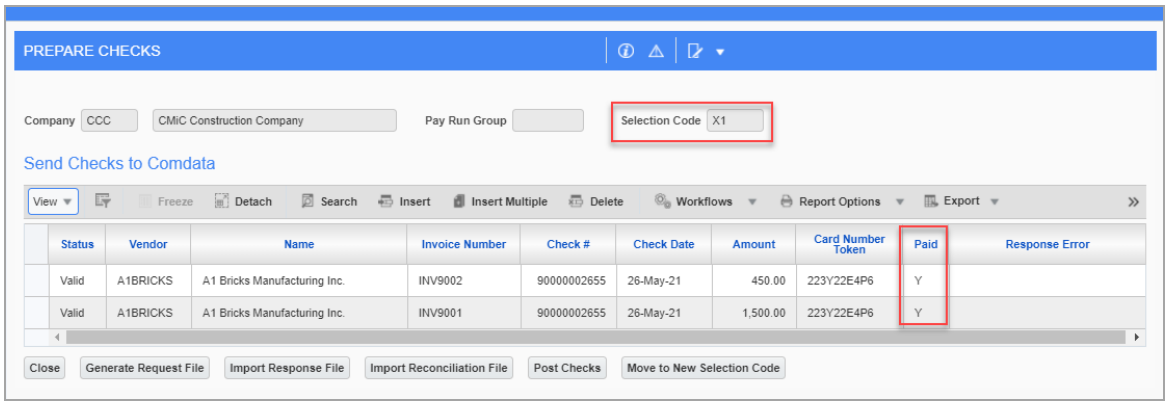
Upon Clicking on the [**Move**] button, new Selection code is created.

Comdata screen with new Selection Code will appear as shown below.



Pop-up window launched from [Comdata] button on the Prepare Checks screen.

Comdata screen with old Selection Code will now appear as shown below.

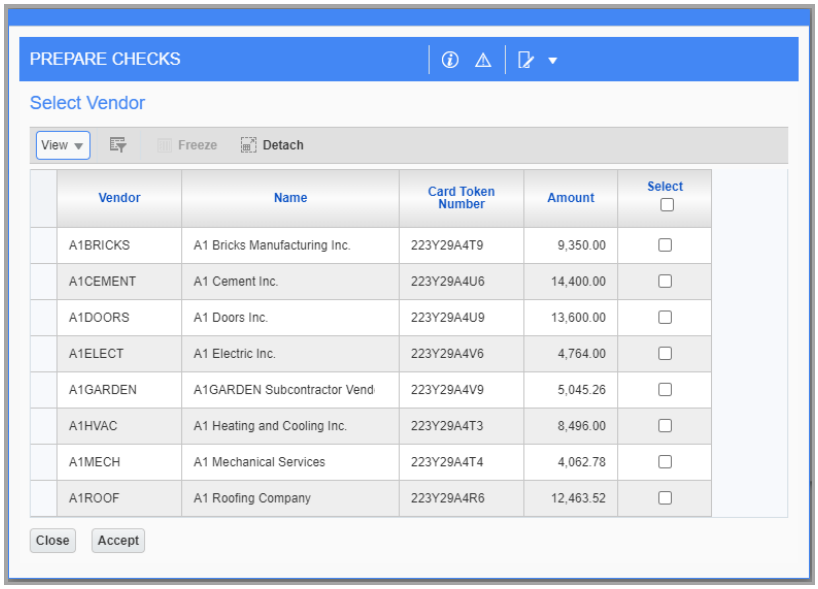


Pop-up window launched from [Comdata] button on the Prepare Checks screen

New Move Functionality while Preparing Checks for a Pay Run Group:

The logic to move Vendors under Group Code which may have single or multiple selection Codes is basically the same as preparing checks for a selection code.

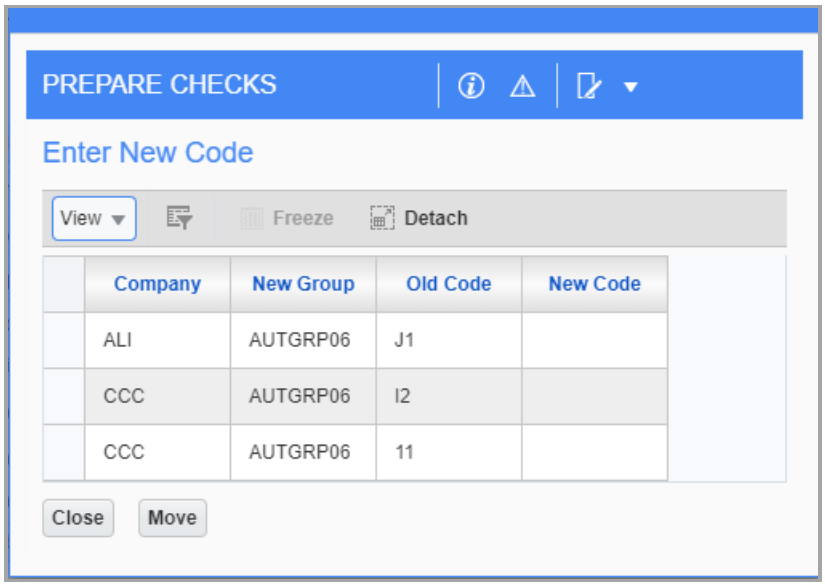
Vendor Selection window display for Pay Run Group appears to be the same as that of Select Vendor window for Selection Code. Only difference is that the Vendor may belong to single or multiple Selection codes in the Pay Run Group.



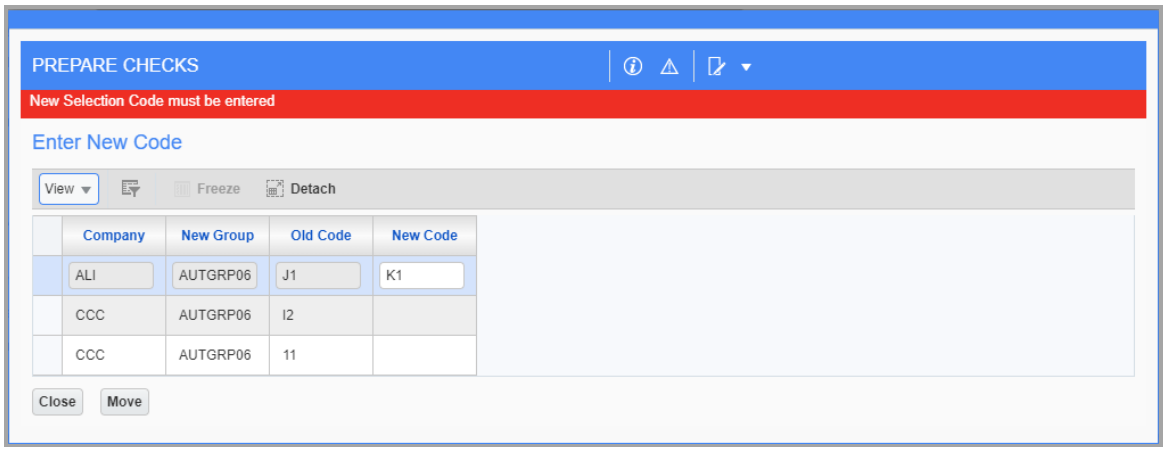
Pop-up window launched from [Move to New Selection Code] button for pay run groups.

Users will be allowed to select the vendor on Select Vendor Screen, on clicking the [**Accept**] button system will retrieve all invoices for that vendor from single or multiple Selection codes.

The New Enter New Code window for Pay Run Groups will display unique company wise selection codes.



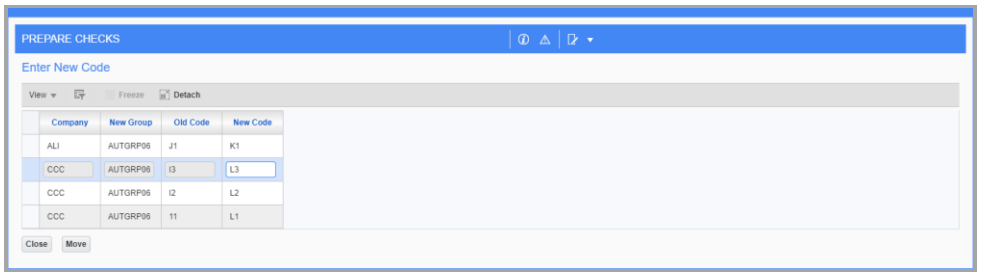
Pop-up window launched from [Accept] button from the Select vendor window for pay run groups.



Select vendor window for pay run groups erroring out for not entering new codes for all the records for a vendor.

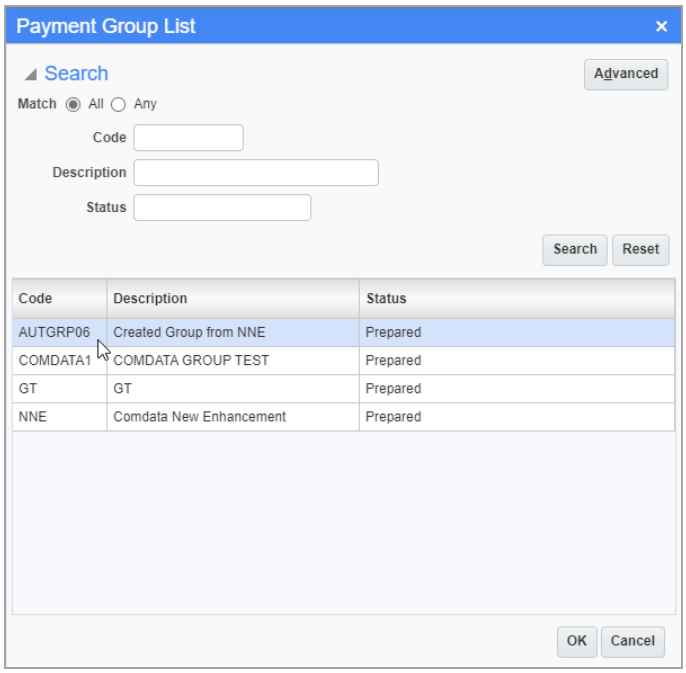
The screenshot above shows records from the old pay run group being moved to a new group, AUTGRP06. Users should enter all the new selection codes failing which System will raise error.

Once Users enter all the new Selection Codes, a new Group Code AUTGRP06 will be created with all the previously unreconciled checks from Original Group Code.



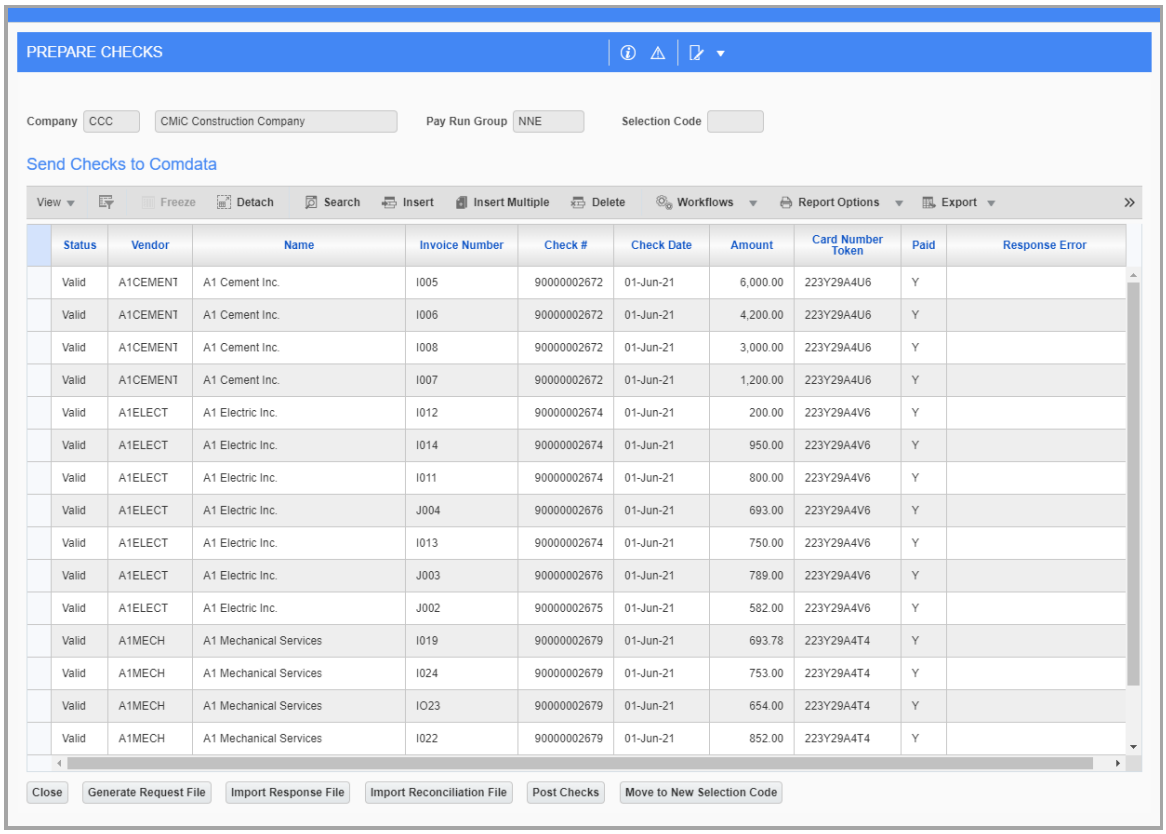
Select vendor window for pay run groups.

System generates a meaningful description for the newly created Group Code. It says from which original group code it was created.



Pay Run Group LOV from Prepare Checks screen.

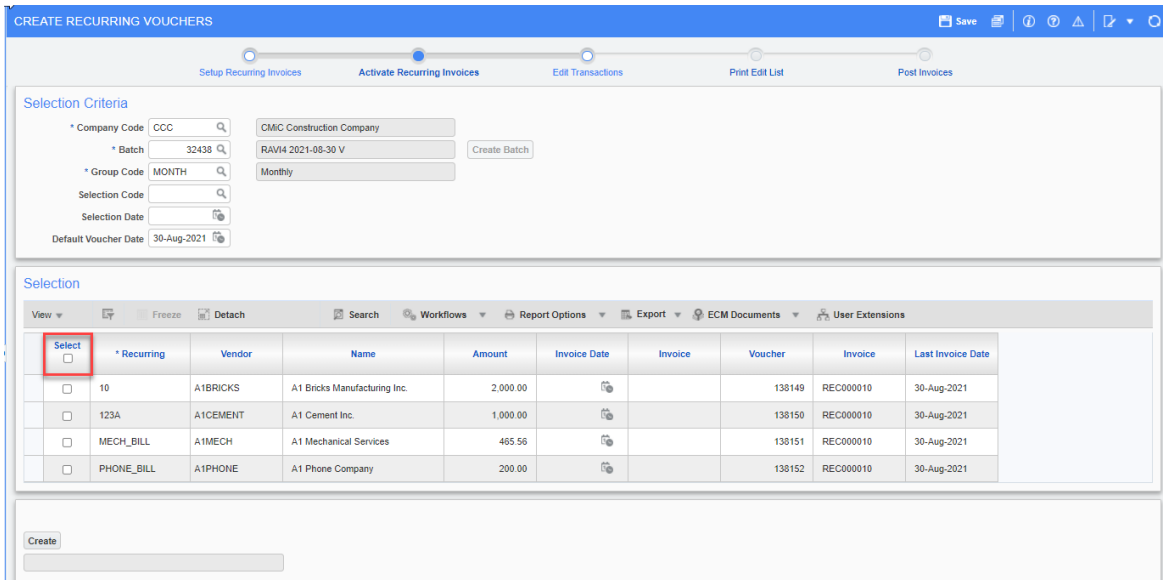
Now the Original Group Code NNE can be posted as post button is enabled as all the checks are reconciled. Unreconciled checks were moved to new Group Code AUTGRP06, explained in previous step.



Comdata screen.

Create Recurring Voucher – Added ‘Select All’ Option (21.44385)

Added ‘Select All’ option to create recurring voucher program.



Check Release Date Feature for T5018 Forms (20.35213)

Overview

Added check release date feature in ‘Statement of Contract Payments’ program.

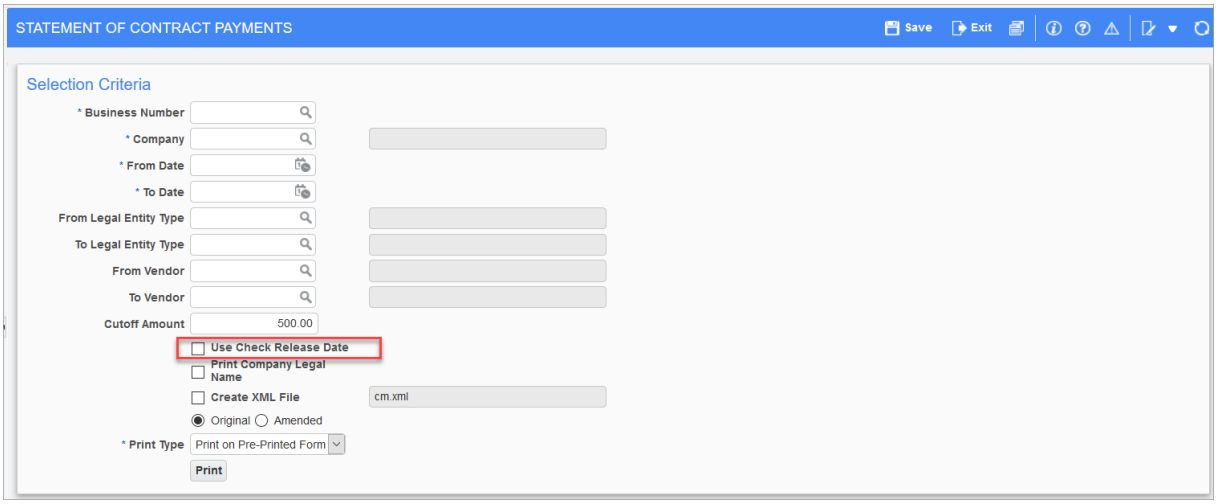
- Use Check Release Date checkbox – The flag is un-checked by default.

Modifications

Checkbox is introduced in ‘Statement of Contract Payments’ program.

Checked: System will use check release date to include the checks.

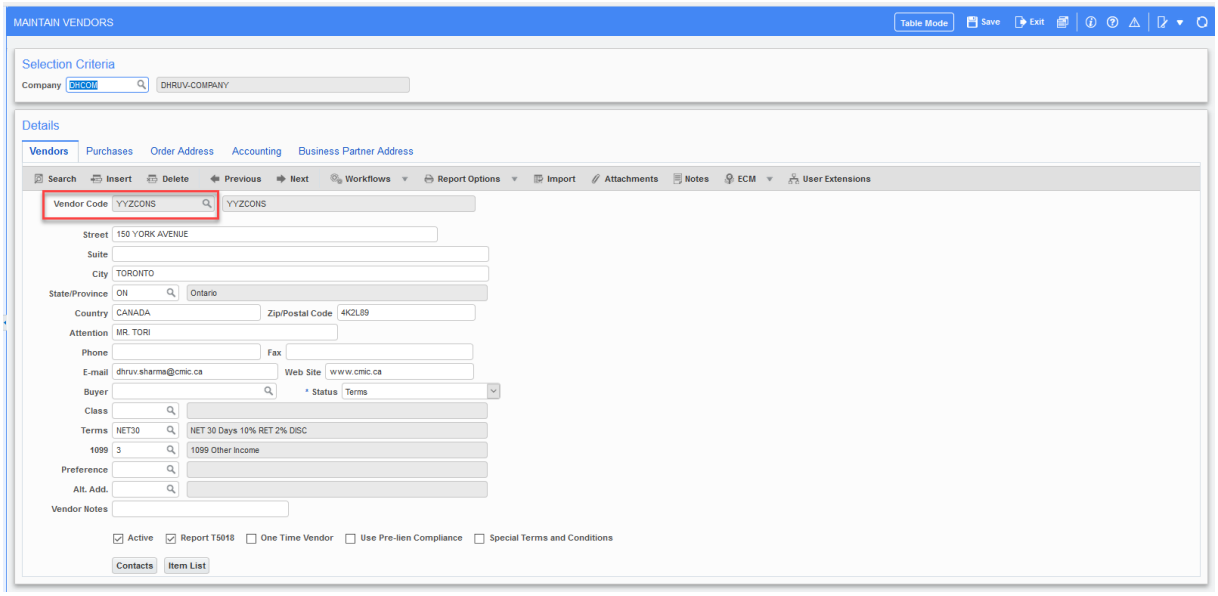
Un-checked: System will user check post date to determine the checks to be included.



Accounts Payable > Utilities > Print T5018 Forms – ‘Use Check Release Date’ flag

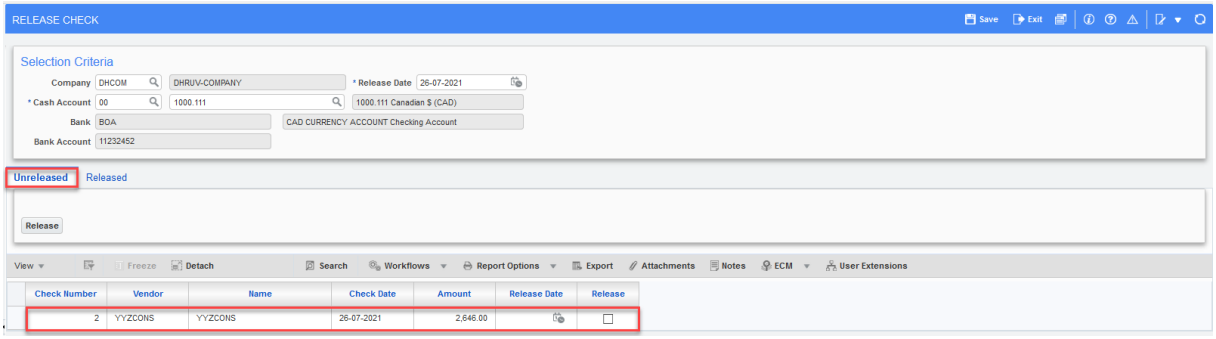
Implementation

Vendor: YYZCONS



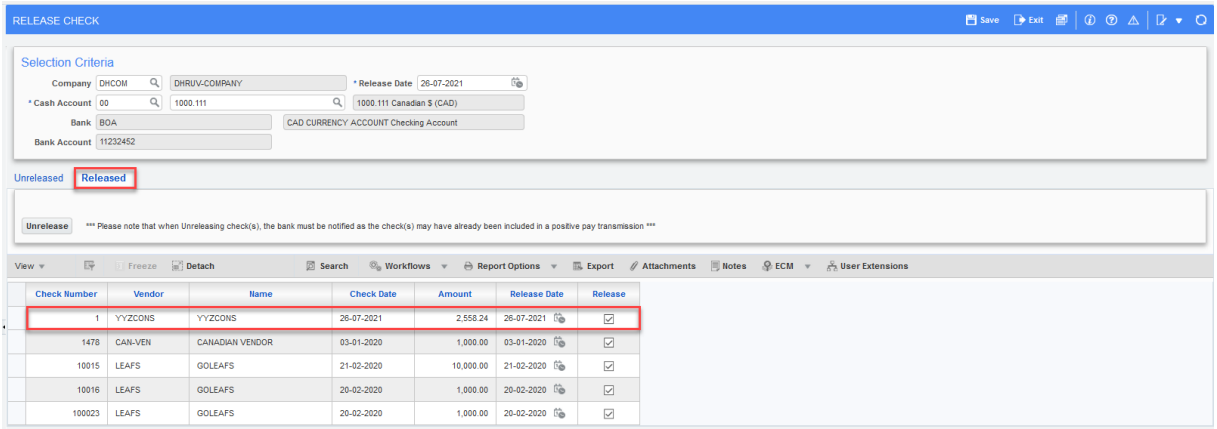
Accounts Payable > Setup > Maintain Vendors

Unreleased Check:
Amount: 2646.00



Accounts Payable > Check > Release Check - Unreleased

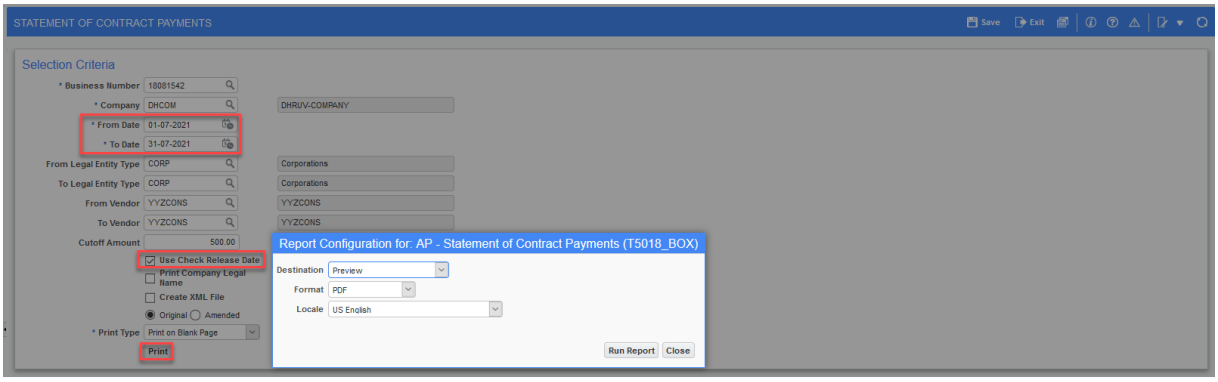
Released Check:
Amount: 2558.24



Accounts Payable > Check > Release Check - Released

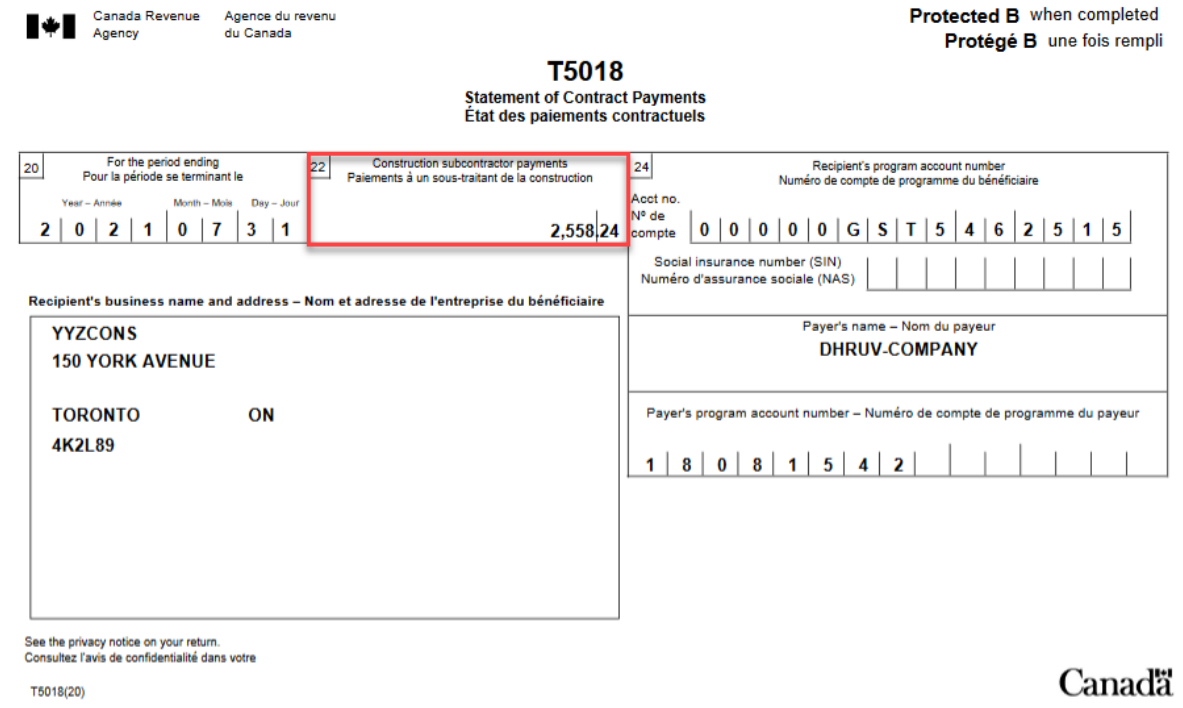
Case1:

Print T5018 Forms:



Accounts Payable > Utilities > Print T5018 Forms – Print T5018

T5018:



Canada Revenue Agency | Agence du revenu du Canada

Protected B when completed
Protégé B une fois rempli

T5018

Statement of Contract Payments
État des paiements contractuels

20 For the period ending / Pour la période se terminant le (Year – Année / Month – Mois / Day – Jour)	22 Construction subcontractor payments / Paiements à un sous-traitant de la construction	24 Recipient's program account number / Numéro de compte de programme du bénéficiaire
2021 07 31	2,558.24	Acct no. / N° de compte: 0000GST54625 15
		Social insurance number (SIN) / Numéro d'assurance sociale (NAS):

Recipient's business name and address – Nom et adresse de l'entreprise du bénéficiaire

YYZCONS
150 YORK AVENUE

TORONTO ON
4K2L89

Payer's name – Nom du payeur
DHRUV-COMPANY

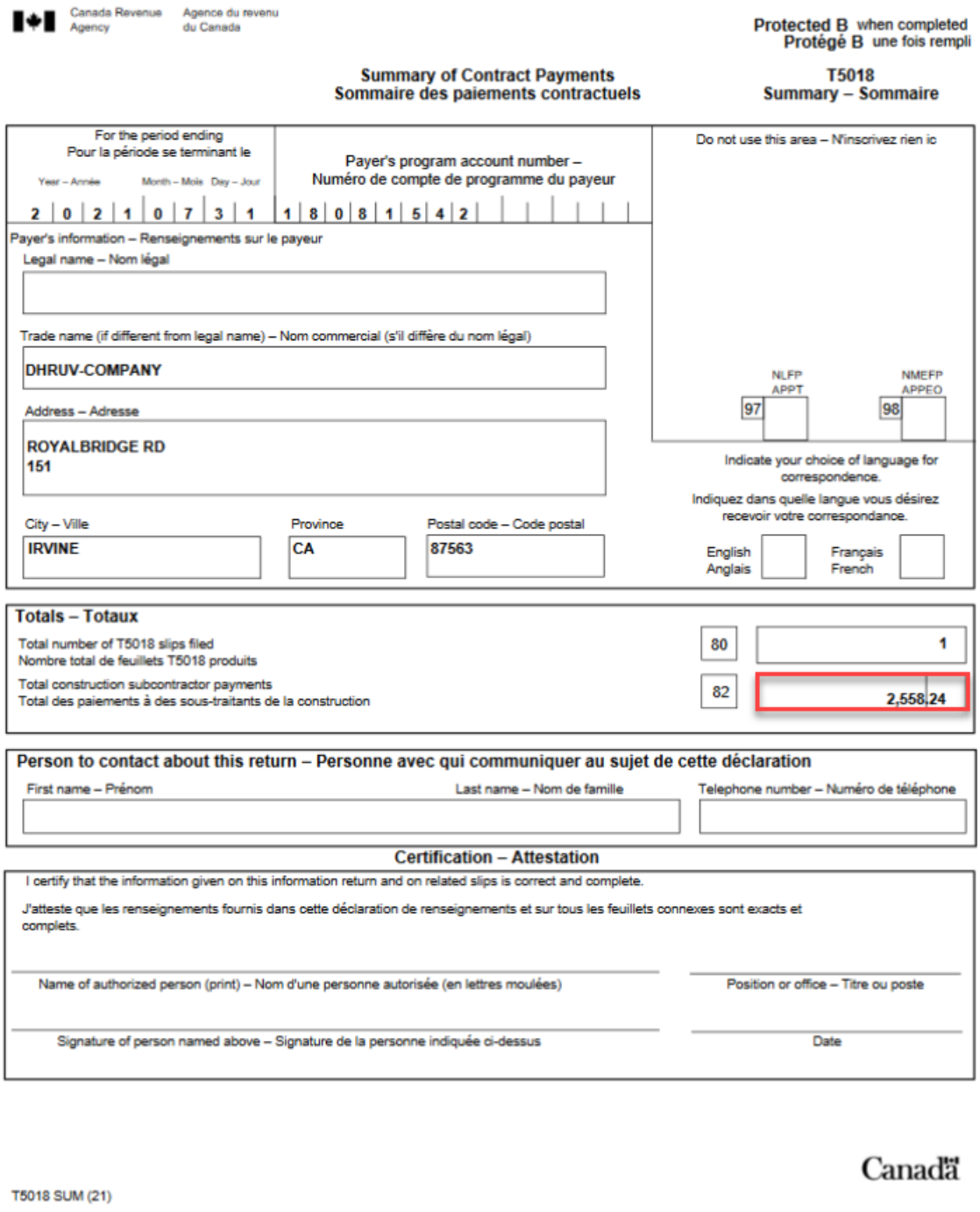
Payer's program account number – Numéro de compte de programme du payeur
180815421

See the privacy notice on your return.
Consultez l'avis de confidentialité dans votre

T5018(20)

Canada

T5018S:



Canada Revenue Agency / Agence du revenu du Canada

Protected B when completed
Protégé B une fois rempli

Summary of Contract Payments
Sommaire des paiements contractuels

T5018
Summary – Sommaire

For the period ending
Pour la période se terminant le
Year – Année Month – Mois Day – Jour
2021 07 31

Payer's program account number –
Numéro de compte de programme du payeur
180815422

Do not use this area – N'inscrivez rien ic

Payer's information – Renseignements sur le payeur

Legal name – Nom légal

Trade name (if different from legal name) – Nom commercial (s'il diffère du nom légal)
DHRUV-COMPANY

Address – Adresse
ROYALBRIDGE RD
151

City – Ville: IRVINE
Province: CA
Postal code – Code postal: 87563

NLFP APPT 97
NMEFP APPEO 98

Indicate your choice of language for correspondence.
Indiquez dans quelle langue vous désirez recevoir votre correspondance.
English Anglais
Français French

Totals – Totaux

Total number of T5018 slips filed Nombre total de feuillets T5018 produits	80	1
Total construction subcontractor payments Total des paiements à des sous-traitants de la construction	82	2,558.24

Person to contact about this return – Personne avec qui communiquer au sujet de cette déclaration

First name – Prénom | Last name – Nom de famille | Telephone number – Numéro de téléphone

Certification – Attestation

I certify that the information given on this information return and on related slips is correct and complete.

J'atteste que les renseignements fournis dans cette déclaration de renseignements et sur tous les feuillets connexes sont exacts et complets.

Name of authorized person (print) – Nom d'une personne autorisée (en lettres moulées)

Position or office – Titre ou poste

Signature of person named above – Signature de la personne indiquée ci-dessus

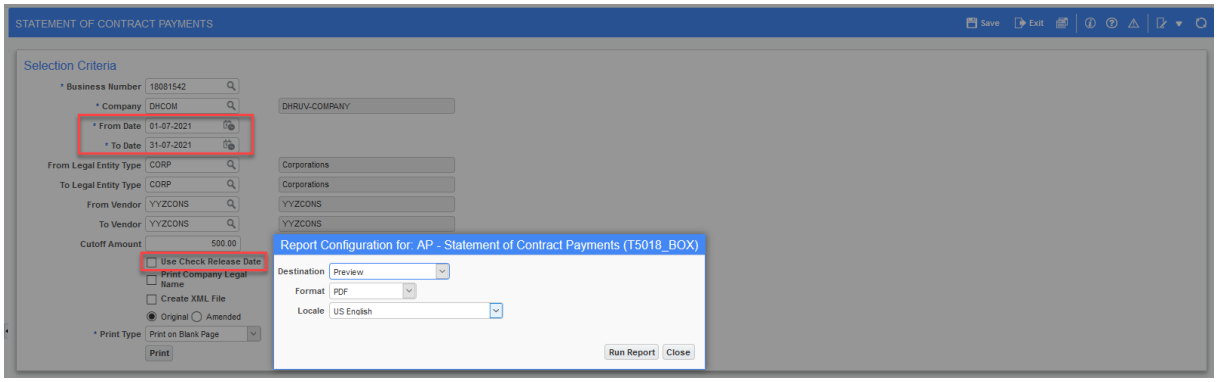
Date

Canada

T5018 SUM (21)

Case2: When unchecked system will include check based on check post date

Print T5018 Forms:



Accounts Payable > Utilities > Print T5018 Forms – Print T5018

T5018:

Canada Revenue Agency / Agence du revenu du Canada

Protected B when completed
Protégé B une fois rempli

T5018

Statement of Contract Payments
État des paiements contractuels

20 For the period ending / Pour la période se terminant le	22 Construction subcontractor payments / Paiements à un sous-traitant de la construction	24 Recipient's program account number / Numéro de compte de programme du bénéficiaire
Year – Année: 2021 Month – Mois: 07 Day – Jour: 31	5,204.24	Acct no. / N° de compte: 0000GST546251 5
		Social insurance number (SIN) / Numéro d'assurance sociale (NAS):

Recipient's business name and address – Nom et adresse de l'entreprise du bénéficiaire

YYZCONS
150 YORK AVENUE

TORONTO ON
4K2L89

Payer's name – Nom du payeur
DHRUV-COMPANY

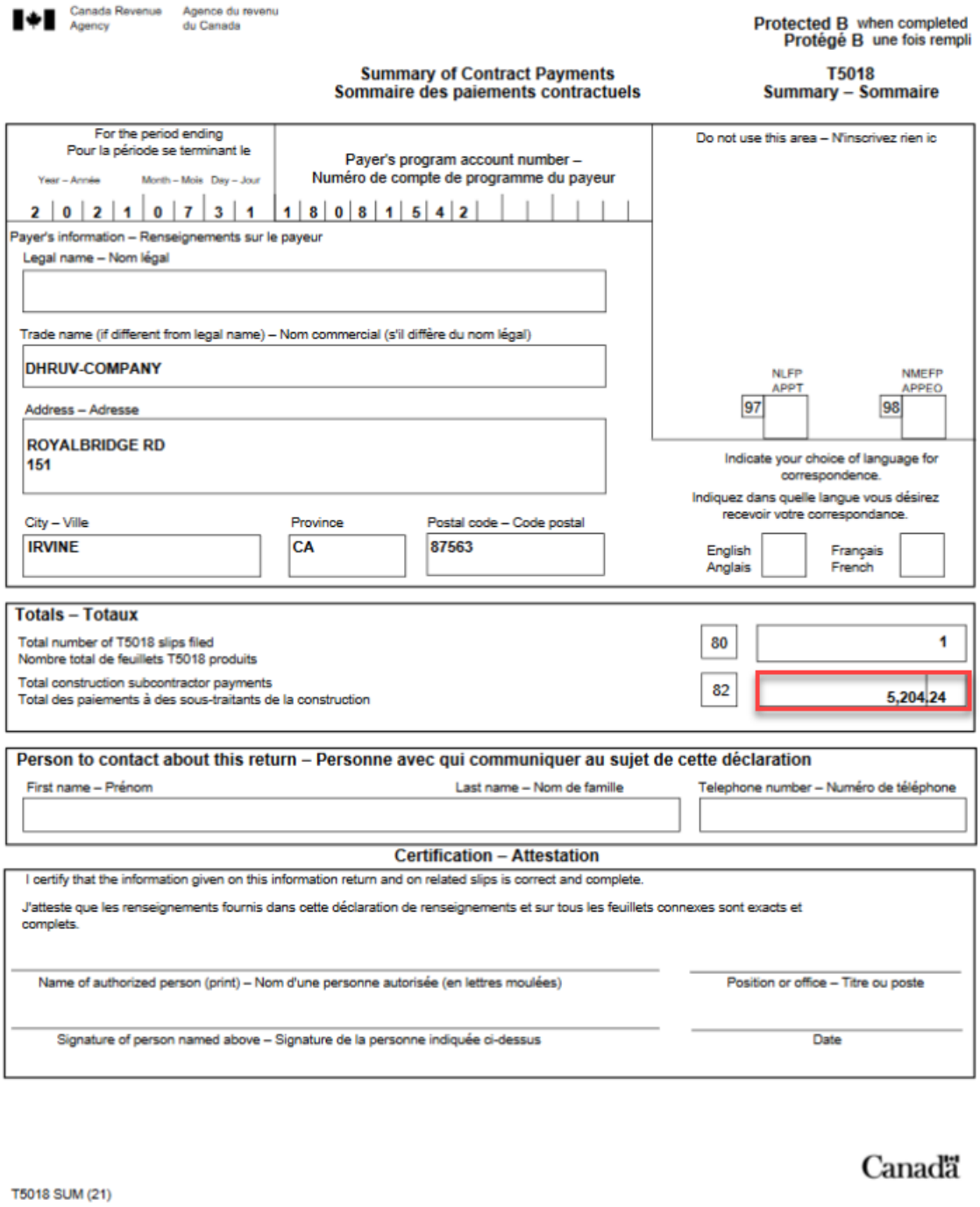
Payer's program account number – Numéro de compte de programme du payeur
180815421

See the privacy notice on your return.
Consultez l'avis de confidentialité dans votre

T5018(20)

Canada

T5018S:



Canada Revenue Agency / Agence du revenu du Canada

Protected B when completed
Protégé B une fois rempli

Summary of Contract Payments
Sommaire des paiements contractuels

T5018
Summary – Sommaire

For the period ending
Pour la période se terminant le
Year – Année Month – Mois Day – Jour
2021 07 31

Payer's program account number –
Numéro de compte de programme du payeur
180815422

Do not use this area – N'inscrivez rien ic

NLFP APPT 97
NMEFP APPEO 98

Payer's information – Renseignements sur le payeur

Legal name – Nom légal

Trade name (if different from legal name) – Nom commercial (s'il diffère du nom légal)
DHRUV-COMPANY

Address – Adresse
ROYALBRIDGE RD
151

City – Ville: IRVINE
Province: CA
Postal code – Code postal: 87563

Indicate your choice of language for correspondence.
Indiquez dans quelle langue vous désirez recevoir votre correspondance.
English Anglais
Français French

Totals – Totaux

Total number of T5018 slips filed Nombre total de feuillets T5018 produits	80	1
Total construction subcontractor payments Total des paiements à des sous-traitants de la construction	82	5,204.24

Person to contact about this return – Personne avec qui communiquer au sujet de cette déclaration

First name – Prénom | Last name – Nom de famille | Telephone number – Numéro de téléphone

Certification – Attestation

I certify that the information given on this information return and on related slips is correct and complete.

J'atteste que les renseignements fournis dans cette déclaration de renseignements et sur tous les feuillets connexes sont exacts et complets.

Name of authorized person (print) – Nom d'une personne autorisée (en lettres moulées)

Position or office – Titre ou poste

Signature of person named above – Signature de la personne indiquée ci-dessus

Date

Canada

T5018 SUM (21)

SC Waiver report for joint check functionality (21.41887)

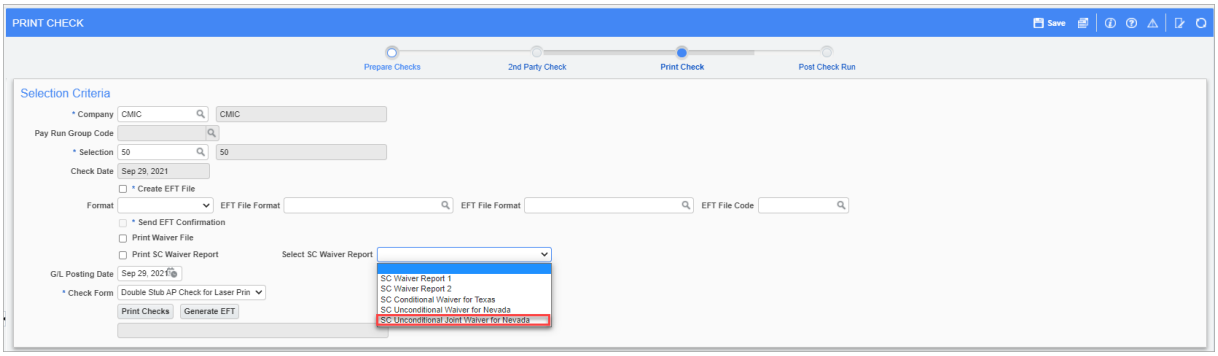
Overview

New SC waiver report added in ‘Print Check’ program.

- Unconditional Waiver and Release of Lien for Nevada Joint Payee
- Report Code: SC_JOINT_UNC_NEVADA

Modifications

SC Unconditional Joint Waiver for Nevada report format is added to ‘Select SC Waiver Report’ drop-down in ‘Print Check’ program.

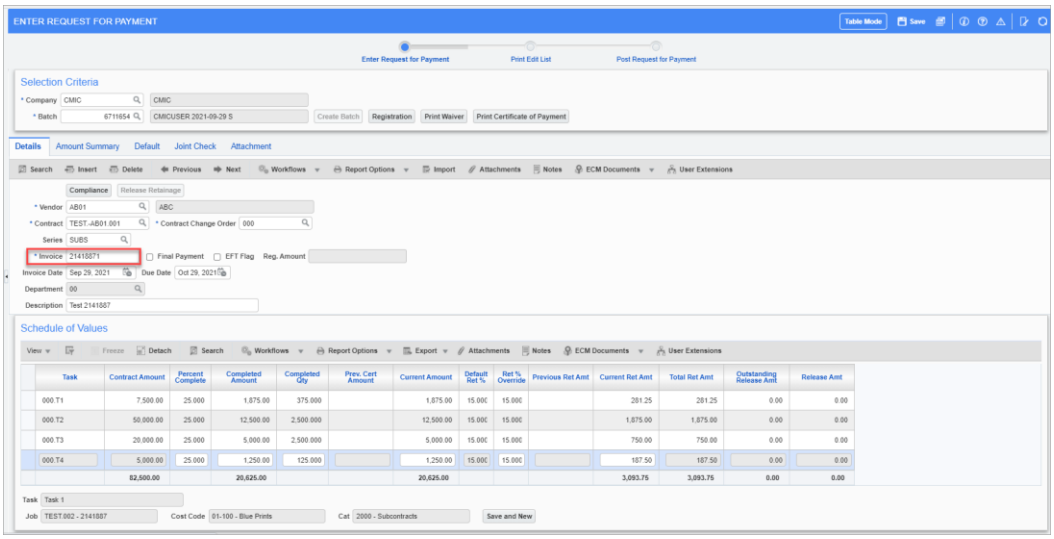


Accounts Payable > Payments > Check – ‘Print Check’ tab – ‘Select SC Waiver Report’ drop-down

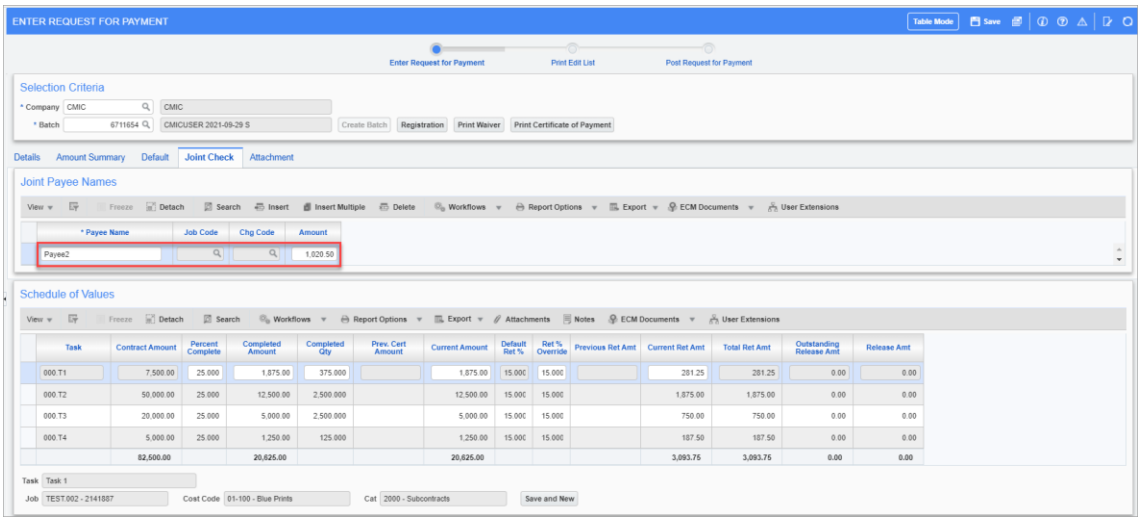
Implementation

Company: CMIC

Request for Payment is entered and following invoices are created with Joint Payee.

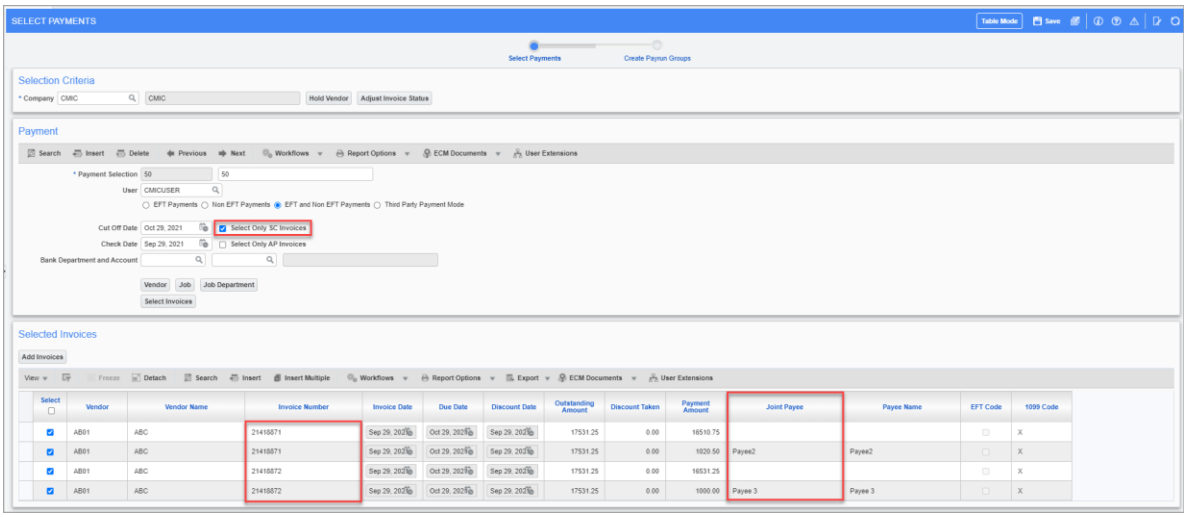


Subcontract Management > Payments > Enter Request for Payment



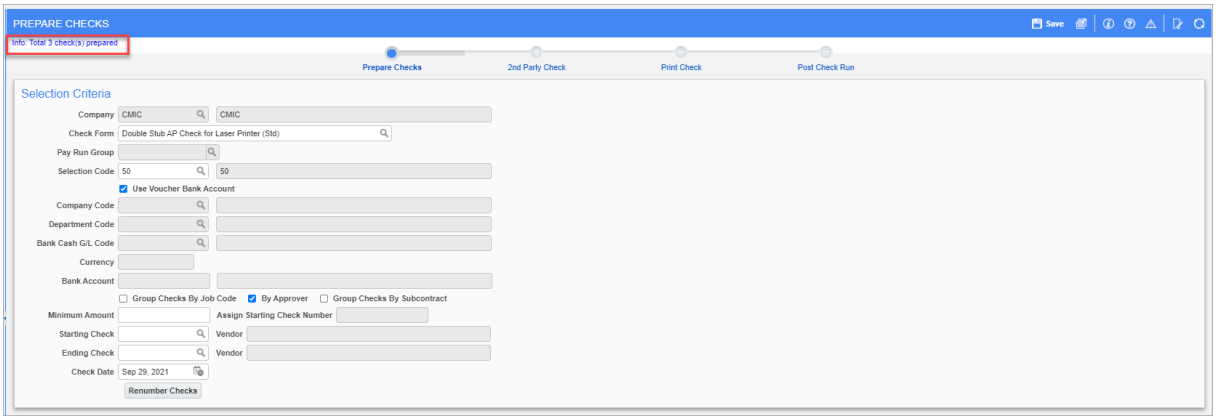
Subcontract Management > Payments > Enter Request for Payment

Selection Code: 50



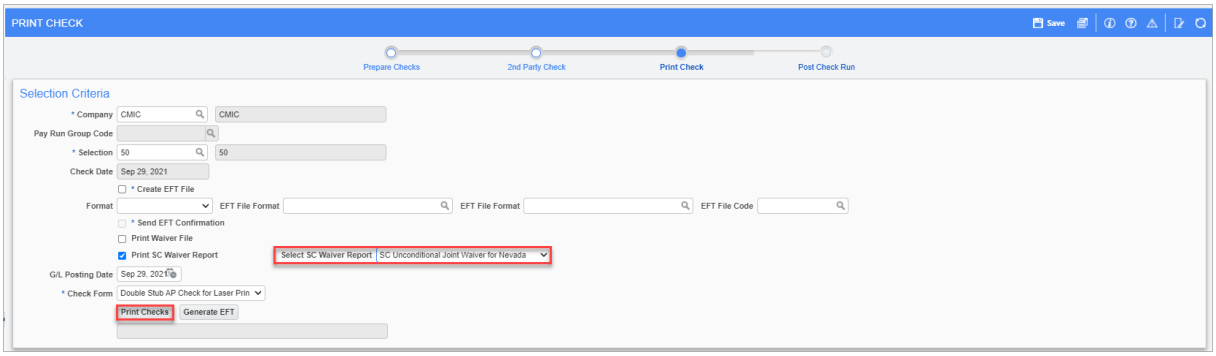
Accounts Payable > Payment > Select Payments

Prepare Check:

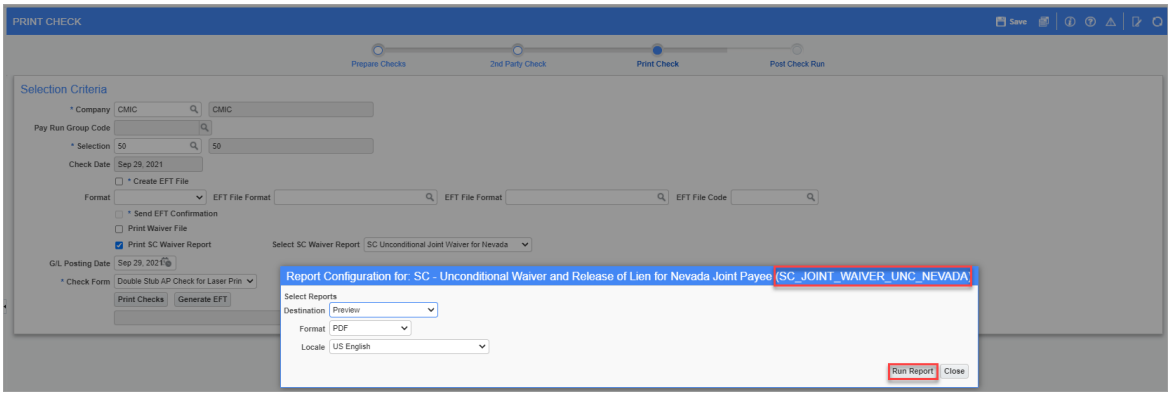


Accounts Payable > Check > Prepare Checks

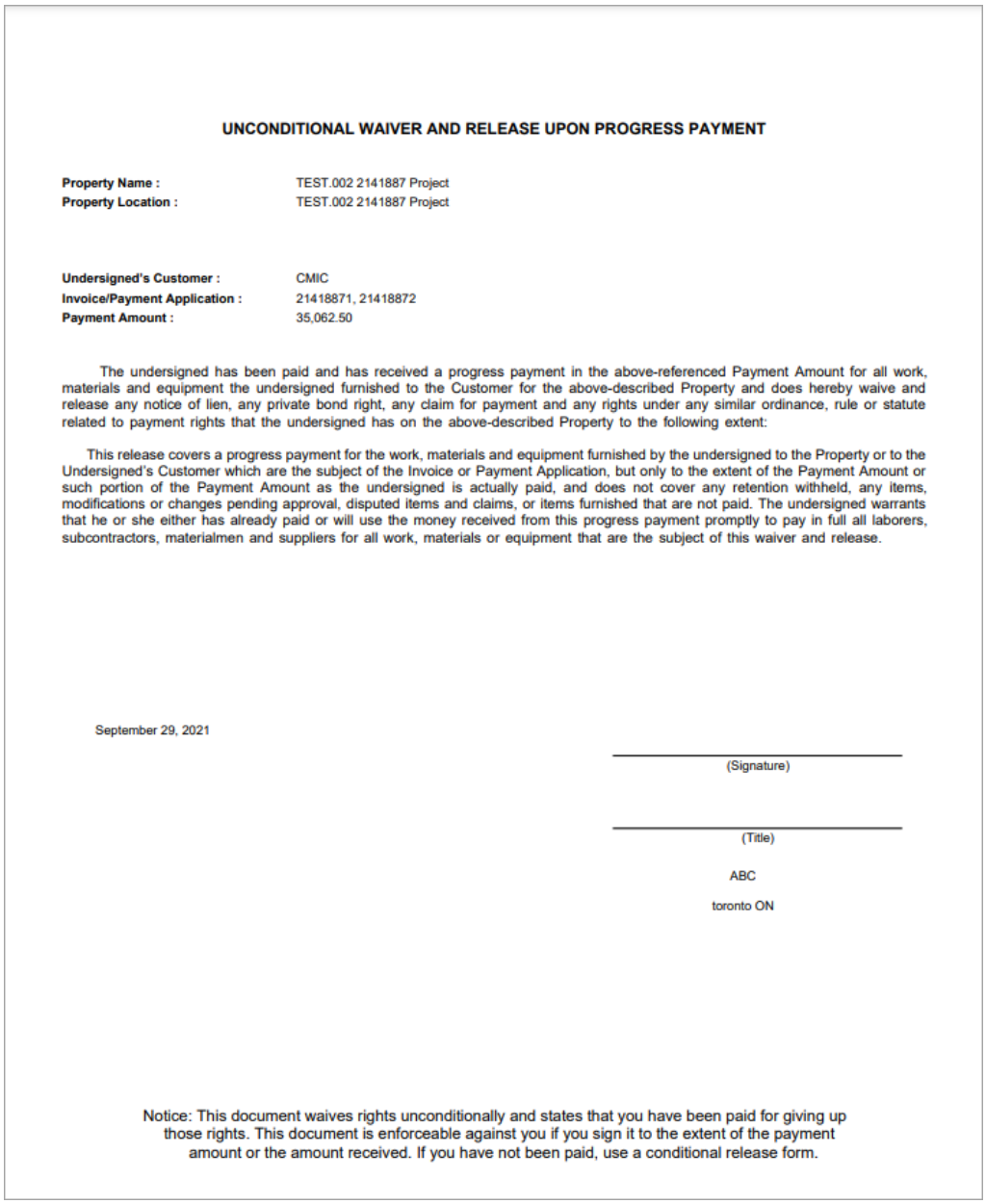
Print Check:



Accounts Payable > Check > Print Check



Accounts Payable > Check > Print Check – SC Unconditional Waiver and Release of Lien for Nevada Joint Payee report configuration



UNCONDITIONAL WAIVER AND RELEASE UPON PROGRESS PAYMENT

Property Name : TEST.002 2141887 Project
Property Location : TEST.002 2141887 Project

Undersigned's Customer : CMIC
Invoice/Payment Application : 21418871, 21418872
Payment Amount : 35,062.50

The undersigned has been paid and has received a progress payment in the above-referenced Payment Amount for all work, materials and equipment the undersigned furnished to the Customer for the above-described Property and does hereby waive and release any notice of lien, any private bond right, any claim for payment and any rights under any similar ordinance, rule or statute related to payment rights that the undersigned has on the above-described Property to the following extent:

This release covers a progress payment for the work, materials and equipment furnished by the undersigned to the Property or to the Undersigned's Customer which are the subject of the Invoice or Payment Application, but only to the extent of the Payment Amount or such portion of the Payment Amount as the undersigned is actually paid, and does not cover any retention withheld, any items, modifications or changes pending approval, disputed items and claims, or items furnished that are not paid. The undersigned warrants that he or she either has already paid or will use the money received from this progress payment promptly to pay in full all laborers, subcontractors, materialmen and suppliers for all work, materials or equipment that are the subject of this waiver and release.

September 29, 2021

(Signature)

(Title)

ABC

toronto ON

Notice: This document waives rights unconditionally and states that you have been paid for giving up those rights. This document is enforceable against you if you sign it to the extent of the payment amount or the amount received. If you have not been paid, use a conditional release form.

AP/PY Positive Pay format for Bank of Hawaii (21.42447)

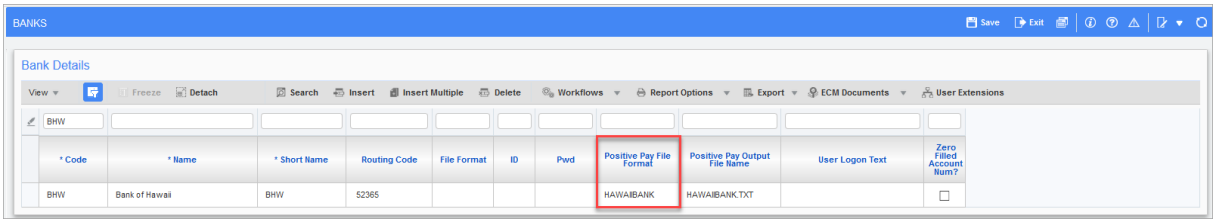
Overview

Added AP/PY Positive Pay format.

- HAWAIIBANK: Positive Pay file format to be assigned in 'Banks' program.

Modifications

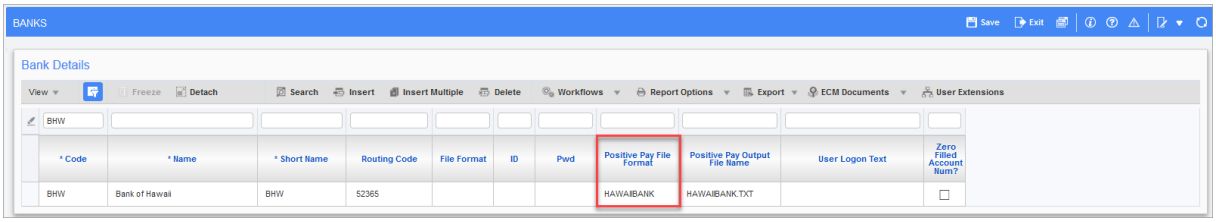
Highlighted record shows the new 'HAWAIIBANK' positive pay file format.



System Data > Global Tables > Banking > Banks

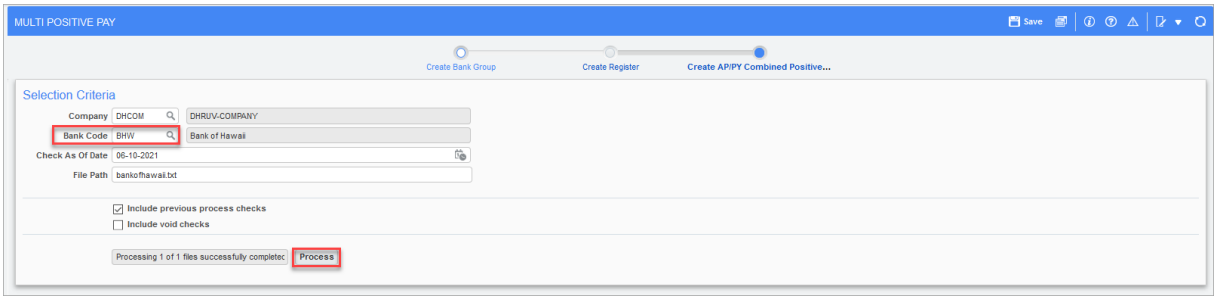
Implementation

Assign HAWAIIBANK positive file format to a bank code in bank maintenance program.



System Data > Global Tables > Banking > Banks

Process Multipositive Pay File using ‘Create AP/PY Combined positive pay program.



Accounts Payable > Checks > Positive Pay Register > Create AP/PY Combined positive pay file

File Format:

```
Check Date,Serial Number,Amount,Account Number,Payee Name
10062021,0000000003,10800.00,0000065214,"Freshmart Groceries Inc."
10062021,0000000006,11907.00,0000065214,"A1GARDEN Subcontractor Vendor"
10062021,0000000007,8820.00,0000065214,"Freshmart Groceries Inc."
```

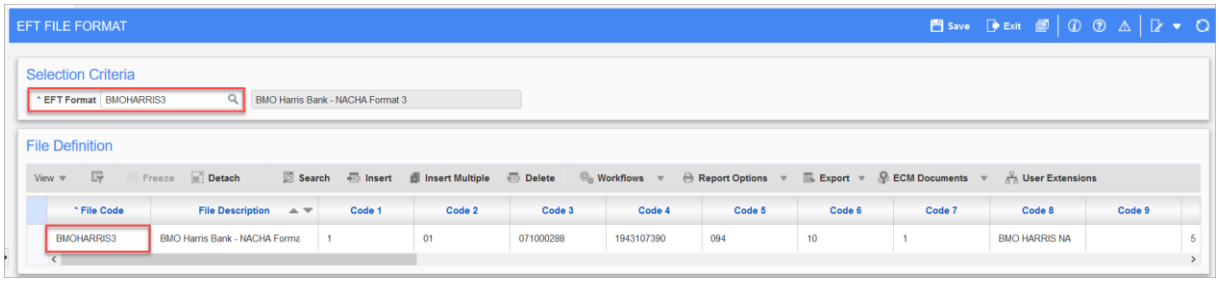
EFT Format for BMO Harris 3 (21.41494)

Overview

Added EFT format for BMOHarris3.

Modifications

The EFT Format Setup has an entry for ‘BMOHARRIS3’ and the code values may be set as required by the bank or the customer. During check printing, users must select this format code to produce an EFT File.

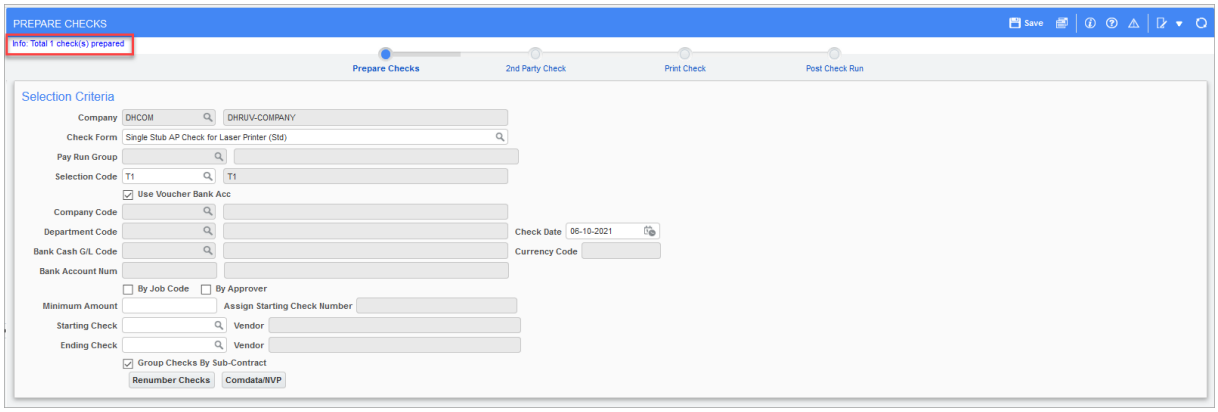


System Data > Global Tables > Banking > Banks

Implementation

Prepare Checks

Selection Code: T1

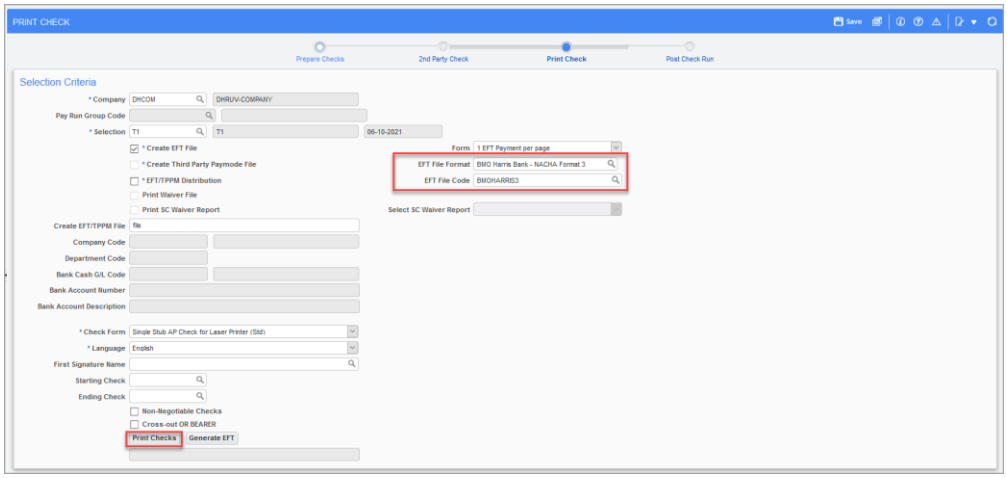


Accounts Payable > Check > Prepare Checks

Print Checks:

EFT File Format: BMO Harris Bank – NACHA Format 3

EFT File Code: BMOHARRIS3



Accounts Payable > Check > Print Checks

Generated EFT File:

```
101 071000288194310739021100604 31A094101BMO HARRIS NA          DHRUV-COMPANY
5200DHRUV-COMPANY                                CCDVENDOR PAY211006211006   1071000280000001
820000000000000000000000000000000000000000000                                 071000280000001
900000100000100000000000000000000000000000000002160000
999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999
999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999
999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999
999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999
999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999
999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999
```

Specifications:

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 #	Field Name	Entry Information
1	Record Type Code	The Code identifying the Header Record. Enter value of "1"
2	Priority Code	"01" is the value
3	Immediate Destination	ACH or Receiving Point Identification Number. Enter value of "071000288"
4	Immediate Origin	Sending Point or ACH Identification Number Company Tax id Preceded by a "1"
5	File Creation Date	Transmission (File Creation) Date
6	File Creation Time	Transmission (File Creation) Time
7	File id Modifier	Only Upper Case A – Z or 0 – 9
8	Record Size	The Record Size Field indicates the number of characters contained in Each record. Enter value of "094"
9	Blocking Factor	The Blocking Factor defines the number of physical records within a block (a block is 940 characters). Enter value of "10".
10	Format Code	This field identifies a code to allow for future format variations
11	Immediate Destination Name	This field should contain the name receiving point for which that file is destined, which is BMO Harris NA
12	Immediate Origin Name	This field should contain the name of the sending point that is sending the file, which is your company name
13	Reference Code	This field is reserved for Company

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 #	Field Name	Entry Information
1	Record Type Code	The Code identifying the Company/Batch Record
2	Service Class Code	**200** = Mixed Credits & Debits **220** = Credits only **225** = Debits only
3	Company Name	Your company name
4	Company Discretionary Data	For your company's internal use
5	Company Identification	The Company Identification is an alphanumeric code used to identify the originator
6	Standard Entry Class Code	Identifies the types of entries in the batch: For example: **PPD** (Prearranged Payments and Deposit- consumer payments) **CCD** (Cash Concentration and Disbursement – business to business payments) **CTX** (Corporate Trade Exchange- business to business payments)
7	Company Entry Description	Purpose of ACH (i.e. Payroll, Dues)
8	Company Descriptive Date	The date you choose to identify the transaction or the date when file is transmitted for processing
9	Effective Entry Date	Date transactions are to be posted to the participant's account
10	Settlement Date(Julian)	Leave field blank
11	Originator Status Code	Enter value of "1"
12	Originating DFI Identification	Enter value "07100028"this is BMO Harris Bank's routing number
13	Batch Number	Number batches sequentially

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** 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 #	Field Name	Entry Information
1	Record Type Code	The Code identifying the Entry Detail Record
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
3	Receiving DFI Identification	Transit routing number of the receiver's financial institution (first 8 digits)
4	Check Digit	The ninth digit of the receiver's financial institution
5	DFI Account Number	Receiver's account number
6	Amount	Transaction amount ($$$$$$$$cc) with no decimal. For prenotes, enter 10 zeroes in the amount field.
7	Individual Identification Number	Receiver's identification number (i.e. Employee#, SS#)
8	Individual Name	Name of receiver
9	Discretionary Data/Payment Type	For your company's internal use
10	Addenda Record Indicator	Enter value "0" if no addenda accompanying entry detail record. Enter value "1" if addenda included.
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).

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** 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	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 #	Field Name	Entry Information
1	Record Type Code	The Code identifying the Entry Detail Record
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
3	Receiving DFI Identification	Transit routing number of the receiver's financial institution (first 8 digits)
4	Check Digit	The ninth digit of the receiver's financial institution
5	DFI Account Number	Receiver's account number
6	Amount	Transaction amount ($$$$$$$$cc) with no decimal. For prenotes, enter 10 zeroes in the amount field.
7	Individual Identification Number	Receiver's identification number (i.e. Employee#, SS#)
8	Individual Name	Name of receiver
9	Payment Type Code	Value "**S**" for Single Entry Payment Value "**R**" for Recurring Payments
10	Addenda Record Indicator	Enter value "0" if no addenda accompanying entry detail record. Enter value "1" if addenda included.
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).

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 #	Field Name	Entry Information
1	Record Type Code	The Code identifying the Entry Detail Record
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
3	Receiving DFI Identification	Transit routing number of the receiver's financial institution (first 8 digits)
4	Check Digit	The ninth digit of the receiver's financial institution
5	DFI Account Number	Receiver's account number
6	Amount	Transaction amount ($$$$$$$$cc) with no decimal. For prenotes, enter 10 zeroes in the amount field.
7	Identification Number	Receiver's identification number (i.e. TIN#)
8	Receiving Company Name	Name of receiver
9	Discretionary Data	For your company's internal use
10	Addenda Record Indicator	Enter value "0" if no addenda accompanying entry detail record. Enter value "1" if addenda included.
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).

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 #	Field Name	Entry Information
1	Record Type Code	The Code identifying the Entry Detail Record
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
3	Receiving DFI Identification	Transit routing number of the receiver's financial institution
4	Check Digit	The ninth digit of the receiver's financial institution
5	DFI Account Number	Receiver's account number
6	Amount	Transaction amount ($$$$$$$$cc) with no decimal. For prenotes, enter 10 zeroes in the amount field.
7	Identification Number	Receiver's identification number (i.e. TIN#)
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
11	Discretionary Data	For your company's internal use
12	Addenda Record Indicator	Enter value "0" if no addenda accompanying entry detail record. Enter value "1" if addenda included.
13	Trace Number	First 8 digits of trace number is 07100028. Last 7 digits, use unique sequential numbering scheme per entry detail record (i.e.: 07100028000001).

Entry Detail Addenda Record – The Entry Detail Addenda Record is optional. This record contains the additional information (such as invoice number or 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 with the related Entry Detail Record. For CTX entries, up to 9,999 addenda records are allowed to be included with 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 #	Field Name	Entry Information
1	Record Type Code	The Code identifying the File Control Record
2	Addenda Type Code	Two digit code identifying the type of information contained in the addenda record: **02**-Used for 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.
3	Payment Related Information	This field contains additional information associated with the payment. The information can be in ANSI or UN/EDIFACT format. An asterisk ("*") must be used as the delimiter between data elements, and the backslash ("\") or tilde ("~") must be used as the terminator at the end of data segment.
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

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 #	Field Name	Entry Information
1	Record Type Code	The Code identifying the Company/Batch Control Record
2	Service Class Code	**200** = Mixed Credits & Debits **220** = Credits only **225** = Debits only
3	Entry/Addenda Count	Total number of entry and addenda records processed within the batch
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.
5	Total Debit Entry Dollar Amount	Dollar Totals of debit entries within the batch
6	Total Credit Entry Dollar Amount	Dollar Totals of credit entries within the batch
7	Company Identification	This should match the company identification number used in the corresponding batch header record
8	Reserved	Leave field blank
9	Reserved	Leave field blank
10	Originating DFI	Enter value "07100028"this is BMO Harris Bank's routing number
11	Batch Number	This number should be the same to the corresponding company/batch header record

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 #	Field Name	Entry Information
1	Record Type Code	The Code identifying the File Control Record
2	Batch Count	The total number of batch header records in 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
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.
6	Total Debit Entry Dollar Amount in File	Dollar Totals of debit entries within the file
7	Total Credit Entry Dollar Amount in File	Dollar Totals of credit entries within the file
8	Reserved	Leave field blank

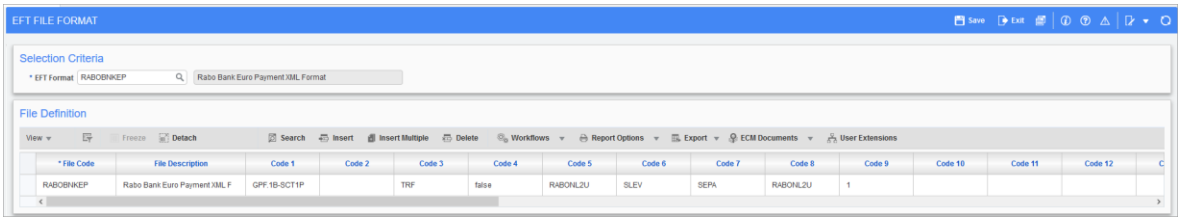
Rabobank Euro Payment and World Payment EFT xml format
(21.39508)

Overview

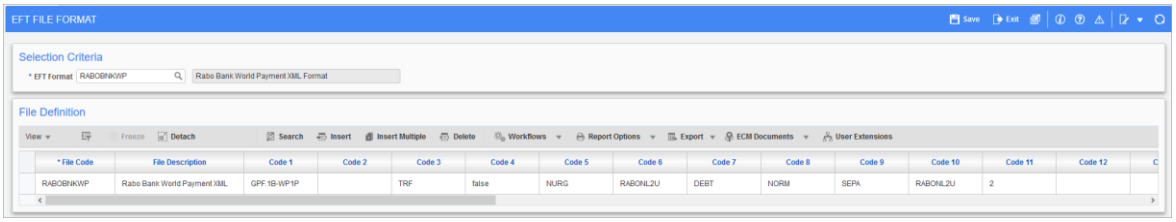
Added EFT xml format for Rabobank Euro payment and world payment.

Modifications

The EFT Format Setup has an entry for ‘RABOBNKEP’ and ‘RABOBNKWP’, the code values may be set as required by the bank or the customer. During check printing, users must select this format code to produce an EFT File.



Accounts Payable > Setup > Global Tables > EFT Formats



Accounts Payable > Setup > Global Tables > EFT Formats

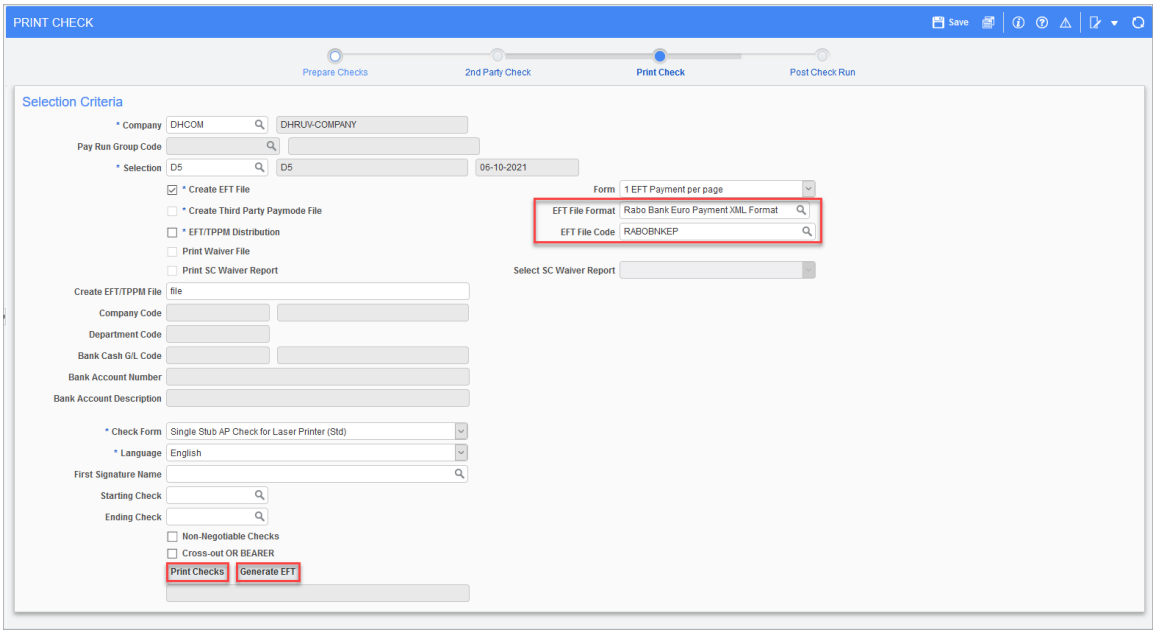
Implementation

Print Checks:

EFT File Format: Rabo Bank Euro Payment XML Format

EFT File Code: RABOBNKEP

Selection Code: D5



Accounts Payable > Checks > Print Checks – Print Checks

XML File:

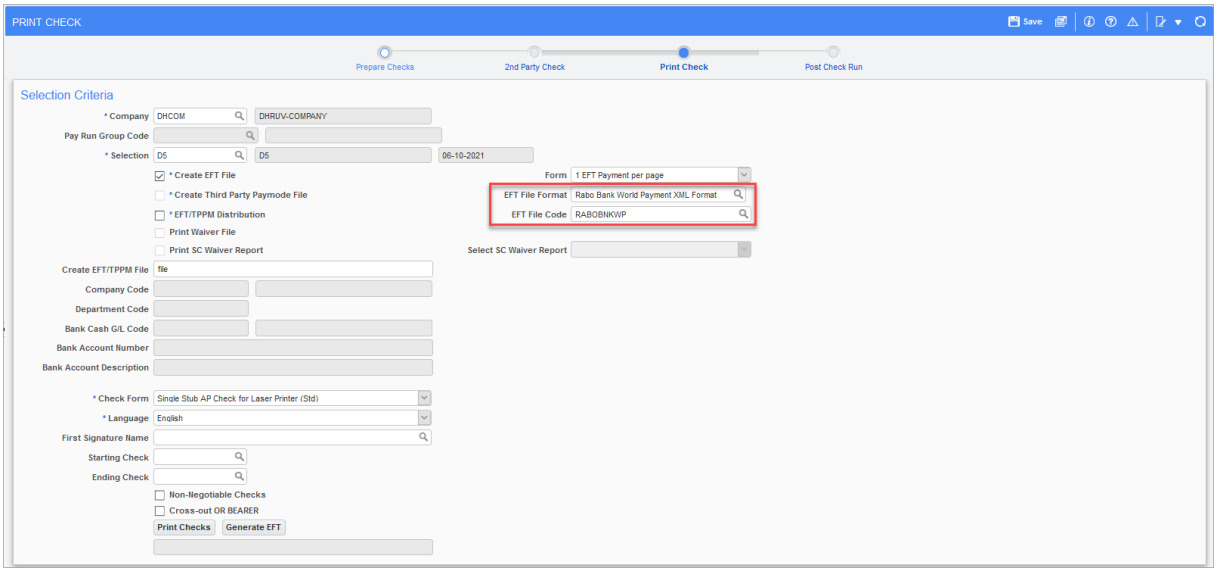
```
<?xml version="1.0" encoding="UTF-8"?>
<Document xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="urn:iso:std:iso:20022:tech:xsd:pain.001.001.03">
<CstmrCdtTrfInitn>
<GrpHdr>
<MsgId>GPF.1B-SCT1P-20211007-01</MsgId>
<CreDtTm>2021-10-07T09:37:45</CreDtTm>
<NbOfTxs>2</NbOfTxs>
<CtrlSum>21626.00</CtrlSum>
<InitgPty>
<Nm>DHRUV-COMPANY</Nm>
</InitgPty>
</GrpHdr>
<PmtInf>
<PmtInfId>211007111100000001</PmtInfId>
<PmtMtd>TRF</PmtMtd>
<BtchBookg>false</BtchBookg>
<ReqdExctnDt>2021-10-06</ReqdExctnDt>
<Dbtr>
<Nm>DHRUV-COMPANY</Nm>
</Dbtr>
<DbtrAcct>
<Id>
</Id>
</DbtrAcct>
<DbtrAgt>
<FinInstnId>
<BIC>1111</BIC>
</FinInstnId>
</DbtrAgt>
<ChrgBr>SLEV</ChrgBr>
<CdtTrfTxInf>
<PmtId>
<EndToEndId>211007111100000001</EndToEndId>
</PmtId>
<PmtTpInf>
<SvcLvl>
<Cd>SEPA</Cd>
</SvcLvl>
</PmtTpInf>
<Amt>
<InstdAmt Ccy="USD">10584.00</InstdAmt>
</Amt>
<CdtrAgt>
<FinInstnId>
</FinInstnId>
</CdtrAgt>
<Cdtr>
<Nm>A1 Bricks Manufacturing Inc.</Nm>
<PstlAdr>
```

Print Checks:

EFT File Format: Rabo Bank World Payment XML Format

EFT File Code: RABOBNKWP

Selection Code: D5



Accounts Payable > Checks > Print Checks – Print Checks

XML File:

```
<?xml version="1.0" encoding="UTF-8"?>
<Document xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="urn:iso:std:iso:20022:tech:xsd:pain.001.001.03">
<CstmrCdtTrfInitn>
<GrpHdr>
<MsgId>GPF.1B-WPIP-20211007-02</MsgId>
<CreDtTm>2021-10-07T09:37:24</CreDtTm>
<NbOfTxs>2</NbOfTxs>
<CtrlSum>21626.00</CtrlSum>
<InitgPty>
<Nm>DHRUV-COMPANY</Nm>
</InitgPty>
</GrpHdr>
<PmtInf>
<PmtInfId>211007111100000001</PmtInfId>
<PmtMtd>TRF</PmtMtd>
<BtchBookg>false</BtchBookg>
<PmtTpInf>
<SvcLvl>
<Cd>NURG</Cd>
</SvcLvl>
</PmtTpInf>
<ReqdExctnDt>2021-10-06</ReqdExctnDt>
<Dbtr>
<Nm>DHRUV-COMPANY</Nm>
</Dbtr>
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</DbtrAgt>
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<InstrPrty>NORM</InstrPrty>
</PmtTpInf>
<Amt>
<InstdAmt Ccy="USD">10584.00</InstdAmt>
</Amt>
<CdtrAgt>
<FinInstnId>
</FinInstnId>
```

Specifications:

WORLD Payment XML File Format	**File Comments**
<?xml version="1.0" encoding="UTF-8"?>	
-<Document xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="urn:iso:std:iso:20022:tech:xsd:pain.001.001.03">	
-<CstmrCdtTrfInitn>	
-<GrpHdr>	

<MsgId>GPF.1B-WP1P-20180208</MsgId>	Unique file identification.
<CreDtTm>2018-02-08T13:54:00</CreDtTm>	Creation date and –time of the file. Example: “2017-02-28T09:10:15”.
<NbOfTxs>1</NbOfTxs>	Number of payments in the file.
<CtrlSum>0.94</CtrlSum>	Total/sum of all the individual payments, regardless of the currency. Decimals are separated by a point “.”.
-<InitgPty>	
<Nm>Rabobank</Nm>	Name of the ordering party.
</InitgPty>	
</GrpHdr>	
-<PmtInf>	
<PmtInfId>1B-SCT1P-01</PmtInfId>	Unique reference number for the batch/PI
<PmtMtd>TRF</PmtMtd>	Fixed mandatory value ‘TRF’ for payments
<BtchBookg>false</BtchBookg>	When the value ‘true’ is provided for Europayments, only the total amount will be shown in one debit transaction in the account information. When the value ‘false’ is provided all Europayments will be presented individually in the account information. When this tag is not provided Rabobank will use the value ‘true’ when processing the Europayments.
-<PmtTpInf>	
-<SvcLvl>	
<Cd>NURG</Cd>	The Rabobank only accepts one of the following values: NURG, URGP, SDVA, SEPA. SEPA for Europayments URGP for Urgent Domestic Europayments and Urgent Europayments. SDVA, NURG and URGP1 for Worldpayments and Multibank Payments For Worldpayments, Urgent Europayments, Urgent Domestic Payments and Multibank payments it is mandatory to provide one of the mentioned values. When the Servicelevel/Code is omitted all payments will be processed as Europayments and consequently be rejected. This tag/field may only be provided on (this) batch level.
</SvcLvl>	

</PmtTpInf>	
<ReqdExctnDt>2018-02-08</ReqdExctnDt>	This is the date on which the originator's account is to be debited. When a date is provided which is until 14 days in the past this date is changed by Rabobank to the first possible processing date; when a date is provided which is older than 14 days the batch will be rejected. It is possible to provide a date for future processing until 365 calendar days.
-<Dbtr>	
<Nm>Initiating Account</Nm>	The name of the initiating party is mandatory. For Urgent Domestic Europayments the name provided in this tag/field will be used; For Europayments, Worldpayments, Multibank payments and Urgent Domestic Europayments the name provided will be overwritten with the statutory name as registered for the account by Rabobank.
</Dbtr>	
-<DbtrAcct>	
-<Id>	
<IBAN>NL10RABO0350800375</IBAN>	IBAN account number of the initiating party. Only use numbers and capital letters in the IBAN, usage of spaces is not allowed.
</Id>	
<Ccy>EUR</Ccy>	ISO currency code of the account. For Europayments, Urgent Europayments, Urgent Domestic Europayments and Multibank payments the currency code of the account is not mandatory. For Worldpayments it is mandatory to provide the currency code of the account in this tag/field. - When the currency code of the account is provided, the following rules apply: EUR-account, payment currency non-EUR, is allowed (will be processed). USD-account (example), payment currency JPY: will be processed for Rabobank WRR1 accounts. USD-account (example), payment currency JPY: will not be processed for Rabobank (Nederland)2 accounts, the payment will be rejected
</DbtrAcct>	
-<DbtrAgt>	
-<FinInstnId>	
<BIC>RABONL2U</BIC>	SWIFT BIC code from the bank of the initiating party. This field/tag is optional [0..1] however necessary (and therefore mandatory) for Multibank payments when the account of the initiating party is held with a bank outside of the SEPA area . Only numbers and capital letters are allowed.

</FinInstnId>	
</DbtrAgt>	
<ChrgBr>DEBT</ChrgBr>	For Europayments only the value 'SLEV' is allowed. For Urgent Domestic Payments, Urgent Europayments, Worldpayments and Multibank payments within the EER only the value 'SHAR' is allowed. For all other Worldpayments and Multibank payments the following values are allowed: CRED - all costs for the beneficiary (BEN) DEBT - all costs for the initiating party (OUR) SHAR - costs are shared between the initiating party and the beneficiary (SHA) Note: When no value is provided the option SHAR will be used. ChargeBearer may be present on this level or transaction level (2.51) but not on both levels.
-<CdtTrfTxInf>	
-<PmtId>	
<InstrId>InstrId-1B-WP1P-01</InstrId>	Instructions from the initiating party for Rabobank. This tag/field is not forwarded to the bank of the beneficiary.
<EndToEndId>End2EndId-1B-WP1P-01</EndToEndId>	End-to-End ID for the payment, will be forwarded to the beneficiary bank for Europayments. Note: the payment order will be rejected when this tag is only filled with one or more spaces.
</PmtId>	
-<PmtTpInf>	
<InstrPrty>NORM</InstrPrty>	Either the value 'NORM' or 'HIGH' is allowed. The value specified will be ignored during processing
</PmtTpInf>	
-<Amt>	
<InstdAmt Ccy="USD">0.94</InstdAmt>	Amount of the payment. Decimals are separated with a point ".". The amount provided must be a value between 0.01 and 999,999,999.99 (technical limit), where the 'real' possible upper limit is determined by regulatory restrictions for the selected payment type. The currency for the amount must be provided within the tag: <InstdAmt Ccy="XXX"> where XXX must be a valid ISO currency code (f.e. EUR, USD, GBP, JPY, etc.).
</Amt>	
-<CdtrAgt>	
-<FinInstnId>	
-<ClrSysMmbId>	

-<ClrSysId>	
<Cd>USABA</Cd>	This field is mandatory to identify the MemberID.
</ClrSysId>	
<MmbId>026005092</MmbId>	The national bank code for the “Clearing System” bank in the country where the bank of the beneficiary resides. Specifications of which the National Bank codes must fulfill can be found in ‘Appendix B – Payment information per country’
</ClrSysMmbId>	
<Nm>Wells Fargo Bank</Nm>	Name of the bank of the beneficiary. For Worldpayments, Multibank payments and Urgent Europayments it is mandatory to provide this name when no BIC is provided.
-<PstlAdr>	
<Ctry>US</Ctry>	Country code of the country where the bank of the beneficiary resides. For Worldpayments, Multibank payments and Urgent Europayments it is mandatory to provide this code when no BIC is provided.
</PstlAdr>	
</FinInstnId>	
</CdtrAgt>	
-<Cdtr>	
<Nm>United States Beneficiary</Nm>	Name from the beneficiary, mandatory for all payment types. Note: for payments from RNB accounts applies that the name of the Creditor have a maximum length of 35. If exceeding, the payment will be rejected.
-<PstlAdr>	
<StrtNm>ONE WALL STREET</StrtNm>	
<PstCd>10286</PstCd>	
<TwnNm>NEW YORK</TwnNm>	
<Ctry>US</Ctry>	
</PstlAdr>	
</Cdtr>	
-<CdtrAcct>	

-<Id>	
-<Othr>	
<Id>4527364524</Id>	Account number of the beneficiary. When a BBAN is specified for a country where usage of an IBAN is mandatory the payment will be rejected
</Othr>	
</Id>	
</CdtrAcct>	
-<RmtInf>	
<Ustrd>Batch containing one World Payment (WP)</Ustrd>	For Europayments all 140 positions will be read and processed. For Urgent Domestic Europayments only the first 96 positions will be read and processed. For Worldpayments, Multibank payments and Urgent Europayments only the first 98 positions will be read and processed. Please note: For all payments/payment types there is a maximum of only one (1) Unstructured remittance line.
</RmtInf>	
</CdtTrfTxInf>	
</PmtInf>	
</CstmrCdtTrfInitn>	
</Document>	

EURO XML File Format	**File Comments**
-<Document xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="urn:iso:std:iso:20022:tech:xsd:pain.001.001.03">	
-<CstmrCdtTrfInitn>	
-<GrpHdr>	
<MsgId>GPF.1B-SCT1P-20171214-01</MsgId>	Unique file identification.
<CreDtTm>2017-12-14T11:30:00</CreDtTm>	Creation date and –time of the file. Example: “2017-02-28T09:10:15”.
<NbOfTxs>1</NbOfTxs>	Number of payments in the file.
<CtrlSum>0.12</CtrlSum>	Total/sum of all the individual payments, regardless of the currency. Decimals are separated by a point “.”.
-<InitgPty>	
<Nm>Rabobank</Nm>	Name of the ordering party.

</InitgPty>	
</GrpHdr>	
-<PmtInf>	
<PmtInfId>1B-SCT1P-01</PmtInfId>	Unique reference number for the batch/PI
<PmtMtd>TRF</PmtMtd>	Fixed mandatory value ‘TRF’ for payments
<BtchBookg>false</BtchBookg>	When the value ‘true’ is provided for Europayments, only the total amount will be shown in one debit transaction in the account information. When the value ‘false’ is provided all Europayments will be presented individually in the account information. When this tag is not provided Rabobank will use the value ‘true’ when processing the Europayments.
<ReqdExctnDt>2017-12-15</ReqdExctnDt>	This is the date on which the originator’s account is to be debited. When a date is provided which is until 14 days in the past this date is changed by Rabobank to the first possible processing date; when a date is provided which is older than 14 days the batch will be rejected. It is possible to provide a date for future processing until 365 calendar days.
-<Dbtr>	
<Nm>Initiating Party Name</Nm>	The name of the initiating party is mandatory. For Urgent Domestic Europayments the name provided in this tag/field will be used; For Europayments, Worldpayments, Multibank payments and Urgent Domestic Europayments the name provided will be overwritten with the statutory name as registered for the account by Rabobank.
-<PstlAdr>	For Europayments and Urgent Domestic Europayments the fields Country and AddressLine are available, these are not mandatory. For Worldpayments, Urgent Europayments and Multibank payments the fields StreetName, PostCode, TownName en Country are available.
<Ctry>NL</Ctry>	
<AdrLine>Dbtr Streetname Housenumber 123</AdrLine>	
<AdrLine>Dbtr Postal Code and City</AdrLine>	
</PstlAdr>	
</Dbtr>	

-<DbtrAcct>	
-<Id>	
<IBAN>NL10RABO0350800375</IBAN>	IBAN account number of the initiating party. Only use numbers and capital letters in the IBAN, usage of spaces is not allowed.
</Id>	
<Ccy>EUR</Ccy>	
</DbtrAcct>	
-<DbtrAgt>	
-<FinInstnId>	
<BIC>RABONL2U</BIC>	SWIFT BIC code from the bank of the initiating party. This field/tag is optional [0..1] however necessary (and therefore mandatory) for Multibank payments when the account of the initiating party is held with a bank outside of the SEPA area . Only numbers and capital letters are allowed.
</FinInstnId>	
</DbtrAgt>	
<ChrgBr>SLEV</ChrgBr>	When present, i.e. when no BIC has been provided, Rabobank advises to provide the value 'NOTPROVIDED' in this field, however this value is not validated by Rabobank.
-<CdtTrfTxInf>	
-<PmtId>	
<InstrId>InstrId-1B-SCT1P-01</InstrId>	Instructions from the initiating party for Rabobank. This tag/field is not forwarded to the bank of the beneficiary.
<EndToEndId>End2EndId-1B-SCT1P-01</EndToEndId>	End-to-End ID for the payment, will be forwarded to the beneficiary bank for Europayments. Note: the payment order will be rejected when this tag is only filled with one or more spaces.
</PmtId>	
-<PmtTpInf>	
-<SvcLvl>	
<Cd>SEPA</Cd>	For Europayments via Generic Payment File this tag is not mandatory and may be presented on this (payment) level or on 2.8 batch level, but not on both levels. When specified on this level for Europayments, only the value SEPA is allowed. For

	Worldpayments, Urgent Europayments, Urgent Domestic Payments and Multibank payments it is not allowed to provide a value for this tag/field, for these payments it is only allowed to provide a value on 2.9 batch level.
</SvcLvl>	
</PmtTpInf>	
-<Amt>	
<InstdAmt Ccy="EUR">0.12</InstdAmt>	Amount of the payment. Decimals are separated with a point ".". The amount provided must be a value between 0.01 and 999,999,999.99 (technical limit), where the 'real' possible upper limit is determined by regulatory restrictions for the selected payment type. The currency for the amount must be provided within the tag: <InstdAmt Ccy="XXX"> where XXX must be a valid ISO currency code (f.e. EUR, USD, GBP, JPY, etc.).
</Amt>	
-<CdtrAgt>	
-<FinInstnId>	
<BIC>RABONL2U</BIC>	SWIFT BIC code of the bank of the intermediary agent. Only numbers and capital letters are allowed.
</FinInstnId>	
</CdtrAgt>	
-<Cdtr>	
<Nm>Beneficiary Name</Nm>	Name from the beneficiary, mandatory for all payment types. Note: for payments from RNB accounts applies that the name of the Creditor have a maximum length of 35. If exceeding, the payment will be rejected.
-<PstlAdr>	
<Ctry>NL</Ctry>	
<AdrLine>Cdtr Streetname Housenumber 123</AdrLine>	
<AdrLine>Cdtr Postal Code and City</AdrLine>	
</PstlAdr>	
</Cdtr>	
-<CdtrAcct>	

-<Id>	
<IBAN>NL26RABO0300091494</IBAN>	
</Id>	
</CdtrAcct>	
-<RmtInf>	
<Ustrd>Batch containing one Sepa Credit Transfer (SCT)</Ustrd>	For Europayments all 140 positions will be read and processed. For Urgent Domestic Europayments only the first 96 positions will be read and processed. For Worldpayments, Multibank payments and Urgent Europayments only the first 98 positions will be read and processed. Please note: For all payments/payment types there is a maximum of only one (1) Unstructured remittance line.
</RmtInf>	
</CdtTrfTxInf>	
</PmtInf>	
</CstmrCdtTrfInitn>	
</Document>	

Nvoicepay Integration with CMiC (20.28619) *(Beta Version)*

Overview

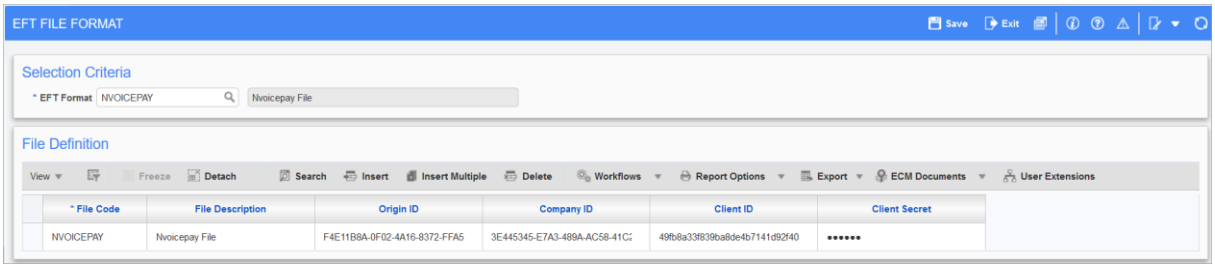
Nvoicepay integration with CMiC

Pre-requisites

The following prerequisites are required prior to using Comdata:

- CMiC Nvoicepay license. Please contact a CMiC Account Manager for more information.
- Nvoicepay account or need to be an existing Nvoicepay user.

Set Up EFT File Format

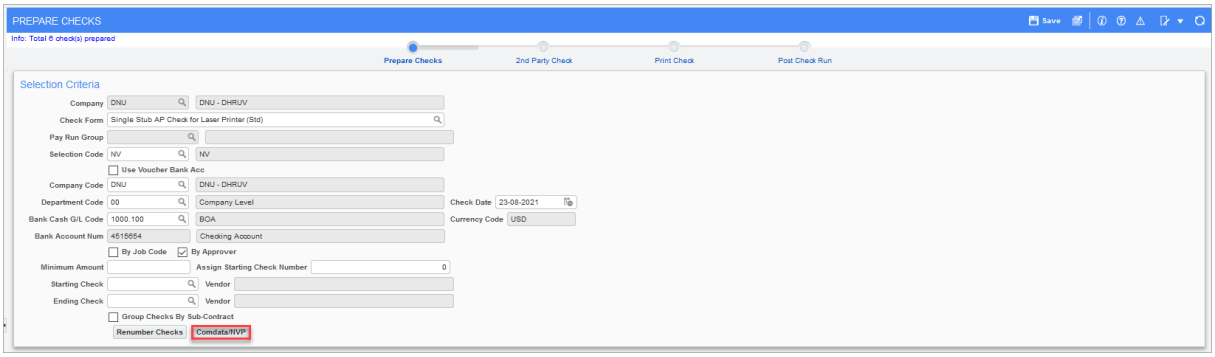


Account Payable > Setup > Global Tables > EFT Formats

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.

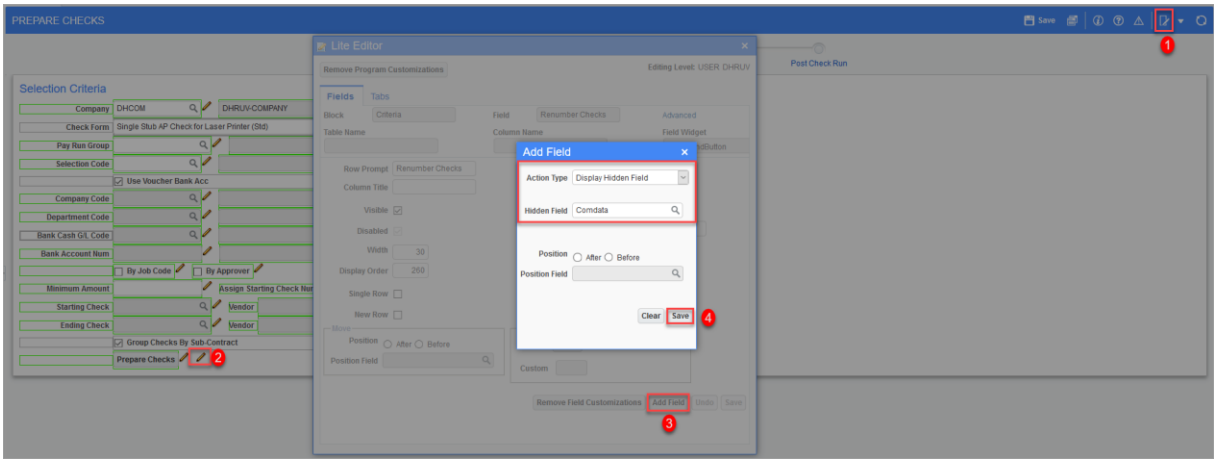
Client ID and Client Secret information is provided by Nvoicepay and maintained by system administrators.

Display [Comdata/NVP] Button on Prepare Checks Screen using Lite Editor



Pgm: APCHQPRE – Prepare Checks; standard Treeview path: Accounts Payable > Check > Print Checks – [Comdata/NVP] button

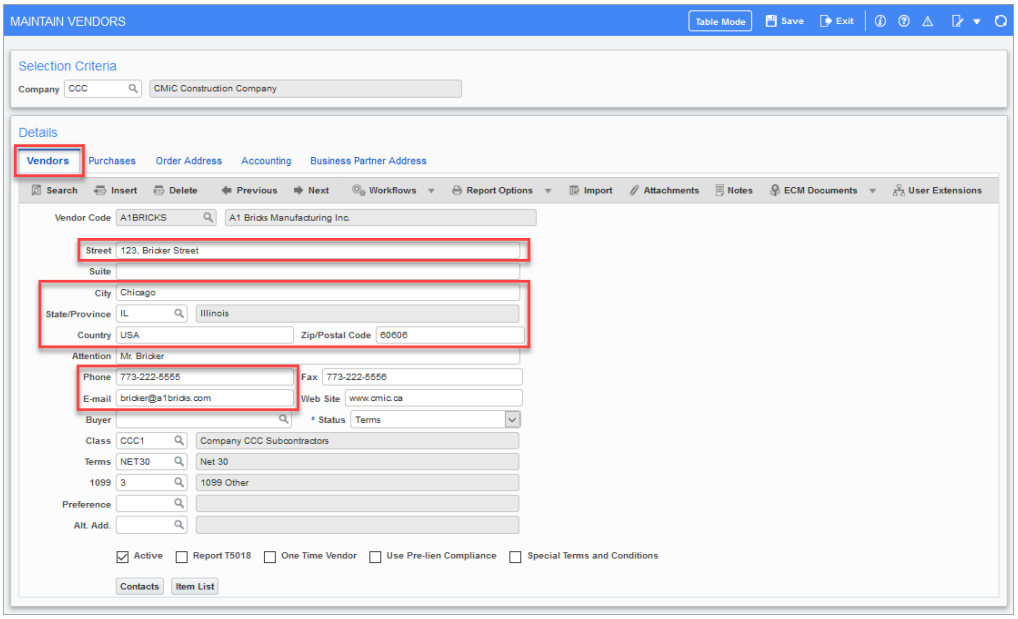
The [**Comdata/NVP**] button is located on the Prepare Checks screen in the Accounts Payable module and by default it is hidden. This button is made visible using Lite Editor.



Displaying [Comdata/NVP] button on Prepare Checks screen using Lite Editor

Maintain Vendors

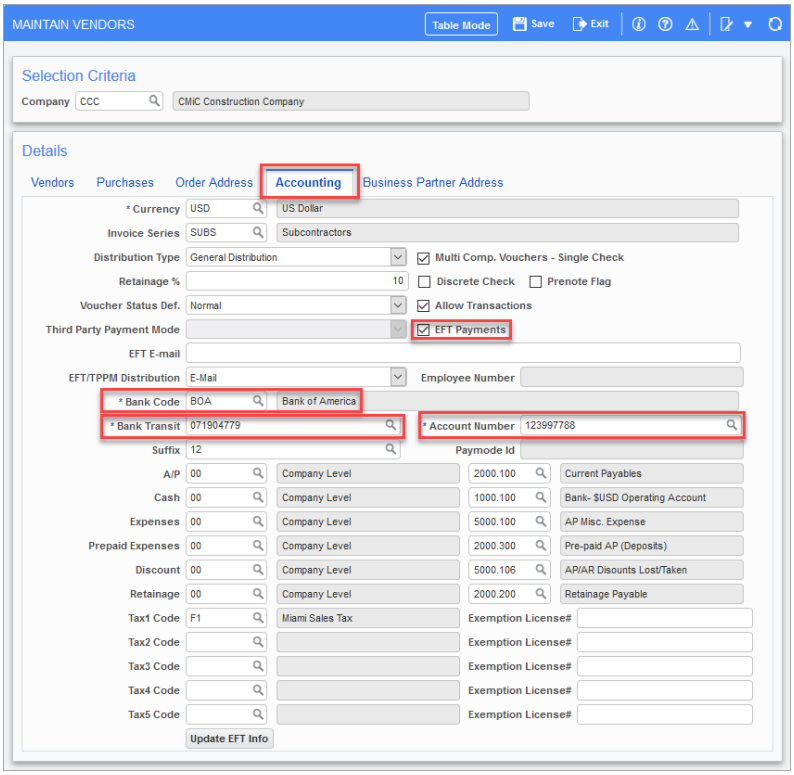
Vendor maintenance must have the highlighted mandatory fields entered. Once all the required fields are entered, user will be able to generate request file.



Pgm: BPVENFM – Maintain Vendors; standard Treeview path: Accounts Payable > Setup > Maintain Vendors – Accounting tab

The mandatory fields to be completed in the 'Accounting' tab are shown in the screenshot below.

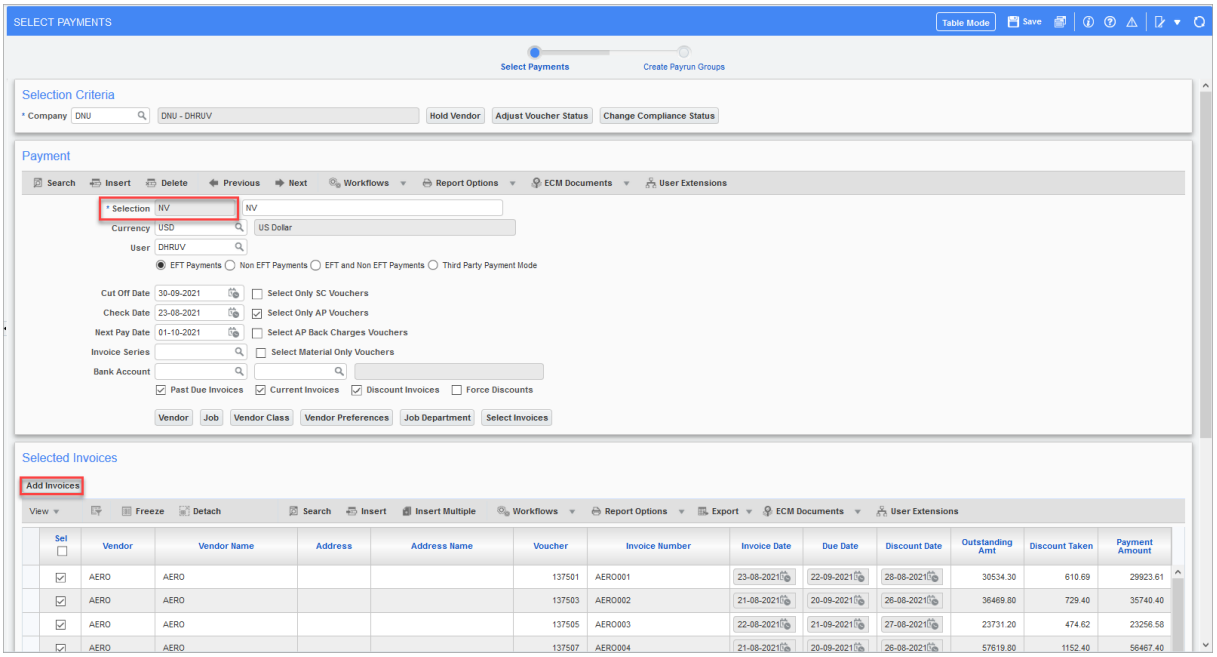
Although banking details are not requested or processed by NVP, when the 'EFT Payments' radio button is selected on the Select Payments screen, a vendor's bank account details must also be completed in the Maintain Vendors screen. A valid bank account number can be entered in the Account Number field, or a dummy account number can be entered (e.g. #999999).



Pgm: APCHQPRE – Prepare Checks; standard Treeview path: Accounts Payable > Check > Print Checks

Preparing Checks for a Selection Code

Step 1: **Create Payment Selection Code and Select Payments**

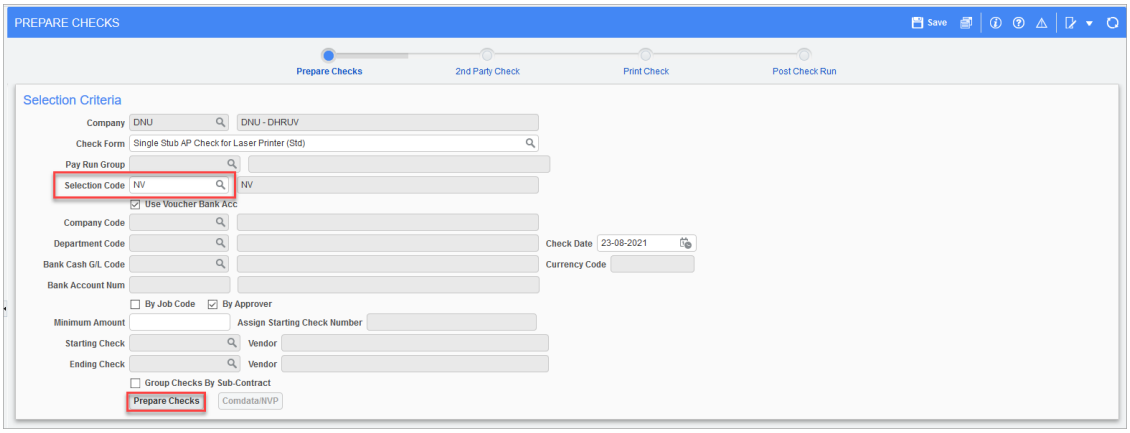


Pgm: PAYSEL – Select Payments; standard Treeview path: Accounts Payable > Payment > Select Payments

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**].

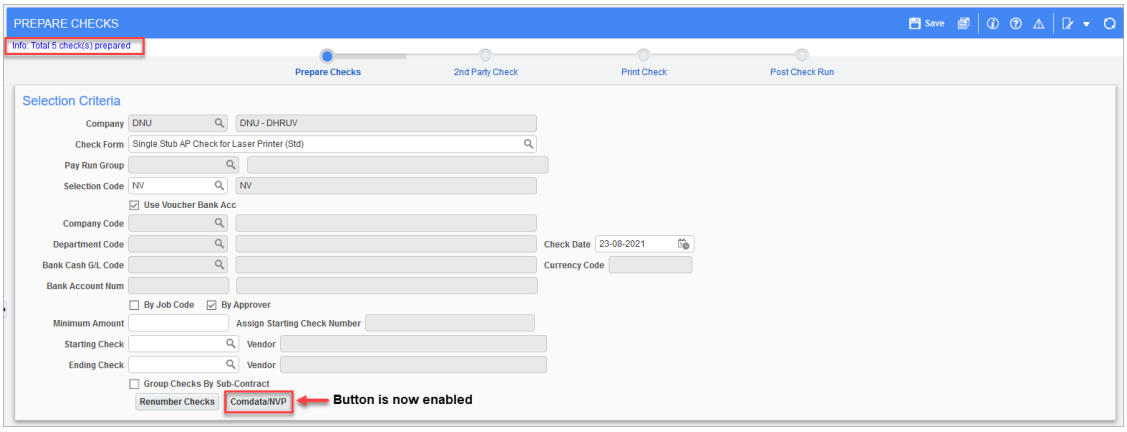
Step 2: **Generate NVP Payment/Request File**

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.



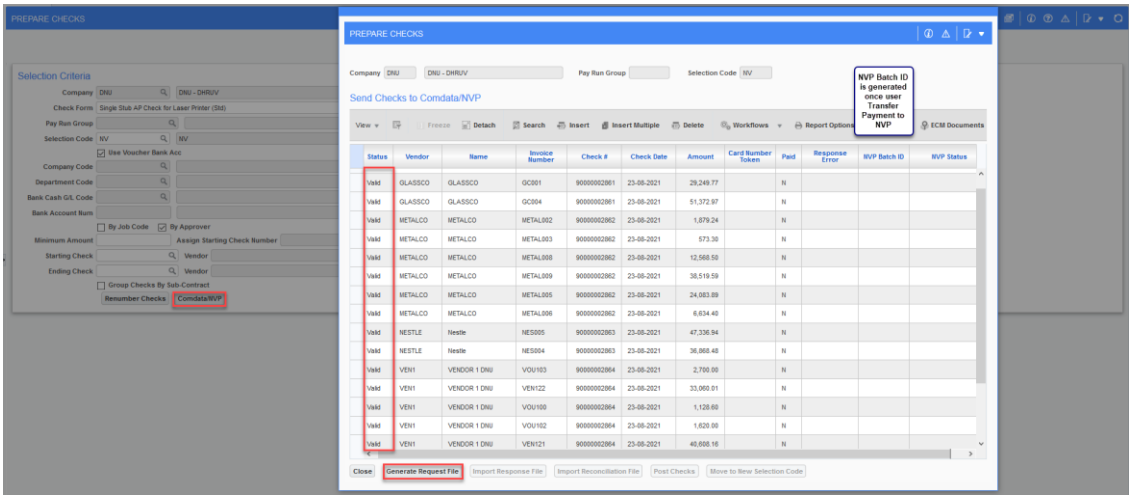
Accounts Payable > Checks > Print Checks – Prepare Checks

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/NVP**] button is enabled.



Accounts Payable > Checks > Print Checks – Prepare Checks – [Comdata/NVP] button

Click on the [**Comdata/NVP**] button to launch a pop-up window to initiate the payment/request file generation process.



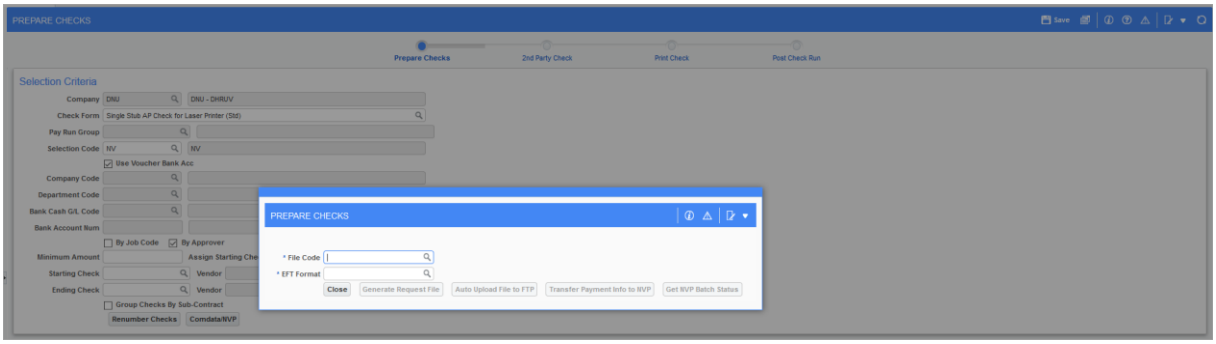
Pop-up launched from [Comdata/NVP] button on Prepare Checks screen

All records must be valid in the Status column for the [**Generate Request File**] button to be enabled.

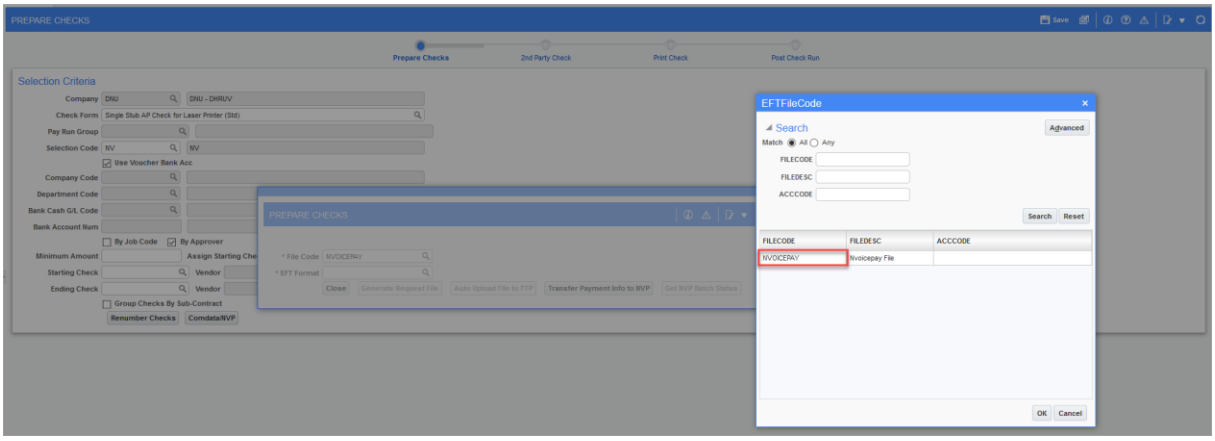
If mandatory fields are not entered properly in the Maintain Vendors screen, as discussed in the previous step, the [**Generate Request File**] button will not be enabled.

Clicking on [**Generate Request File**] will launch prepare checks pop-up. Select the file code and EFT format from the LOV.

File Code: NVOICEPAY
EFT Format: NVOICEPAY

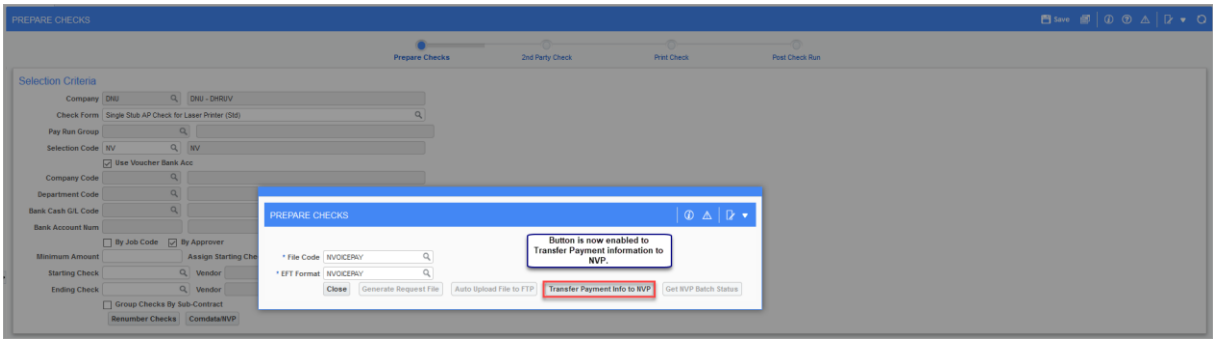


Accounts Payable > Checks > Print Checks – Prepare Checks – [Comdata/NVP] button – [Generate Request File] button pop-up



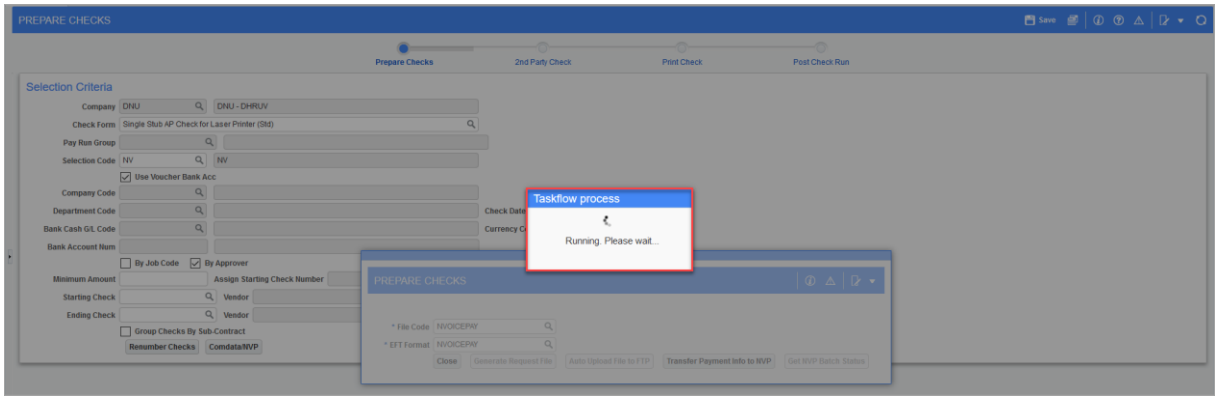
Accounts Payable > Checks > Print Checks – Prepare Checks – [Comdata/NVP] button – [Generate Request File] button pop-up

[**Transfer Payment Info to NVP**] button is enabled once the mandatory fields are populated.



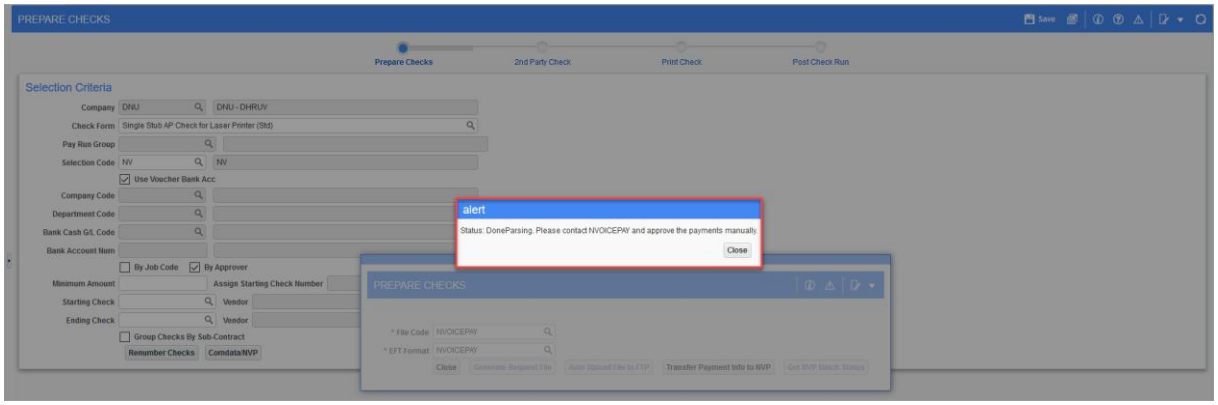
Accounts Payable > Checks > Print Checks – Prepare Checks – [Comdata/NVP] button – [Generate Request File] button pop-up

Taskflow process runs upon clicking on [**Transfer Payment Info to NVP**] button.



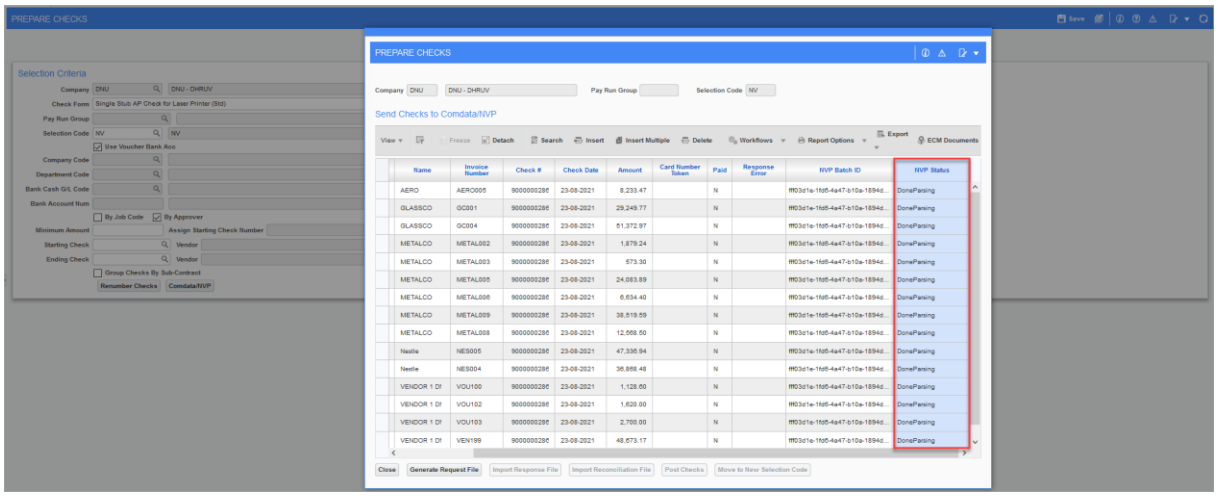
Accounts Payable > Checks > Print Checks – Prepare Checks – [Comdata/NVP] button – [Generate Request File] button pop-up – Taskflow process

Alert message is displayed with status as 'DoneParsing'.



Accounts Payable > Checks > Print Checks – Prepare Checks – [Comdata/NVP] button – [Generate Request File] button pop-up – Alert box

Use [**Comdata/NVP**] button to verify the NVP status column in prepare checks pop-up.

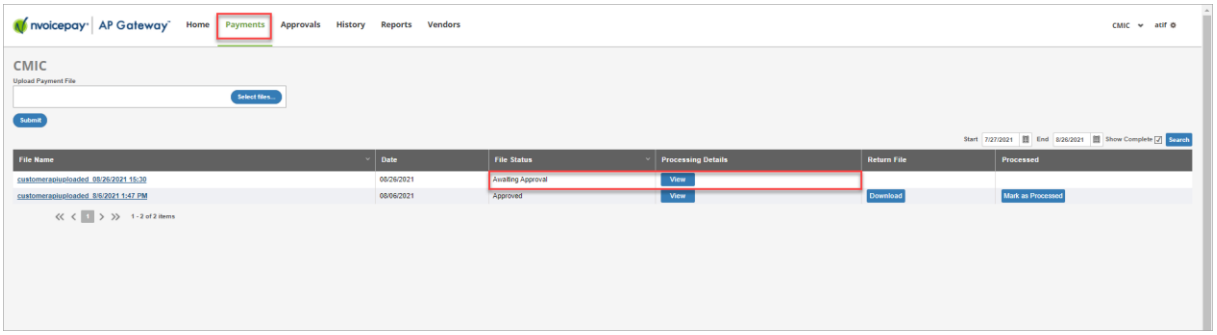


Accounts Payable > Checks > Print Checks – Prepare Checks – [Comdata/NVP] button pop-up

Step 3: **Approve NVP Payments**

Go to AP Gateway to approve the payments.

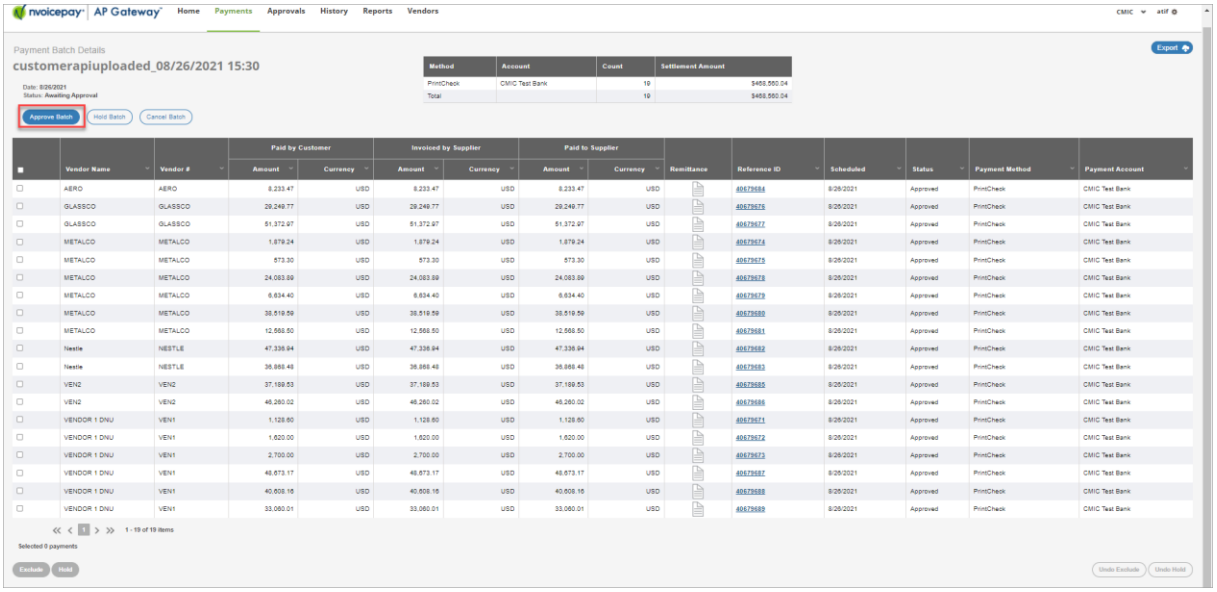
Click on [**View**] button to approve the file which is awaiting approval.



AP Gateway - Payments

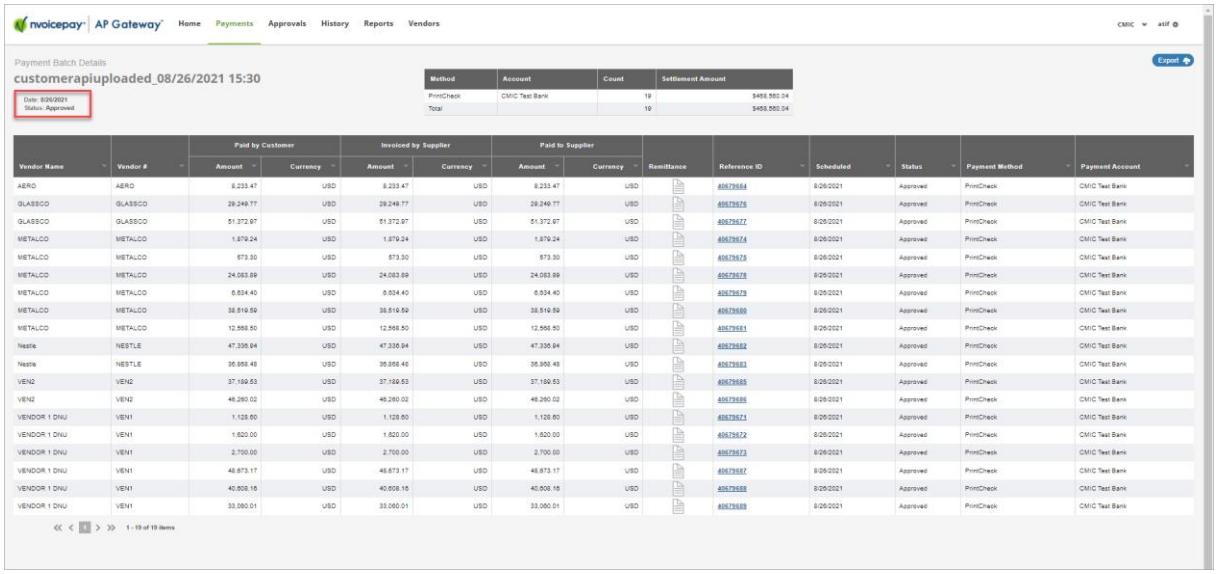
Status of the file is ‘Awaiting Approval’ Click on [Approve Batch] button to the approve the whole batch.

CMiC integration requires BATCH APPROVAL only.

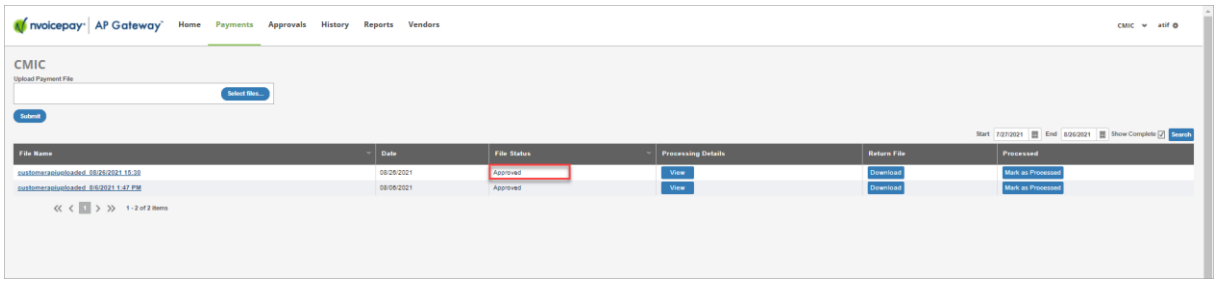


AP Gateway - Payments

Once the batch is approved, status is changed to Approved.



AP Gateway - Payments

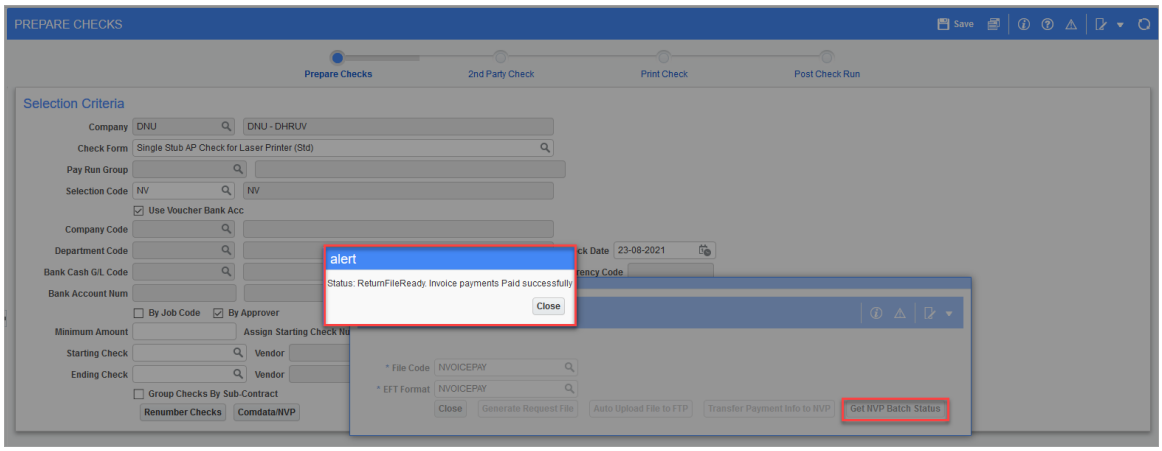


AP Gateway - Payments

Step 4: **Post Checks**

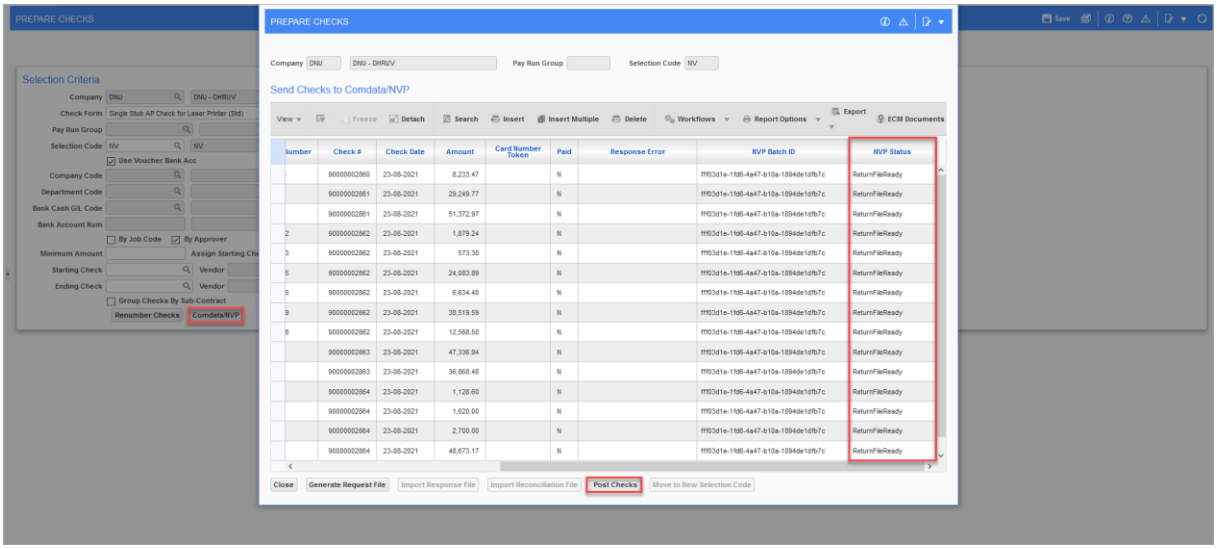
Once the payment is approved on AP Gateway, go to AP > Prepare Checks – populate the same selection code as in step 1. Click on [**Comdata/NVP**] button to launch the pop-up.

NVP Batch status is updated to 'ReturnFileReady', alert message is displayed upon clicking [**Get NVP Batch Status**].



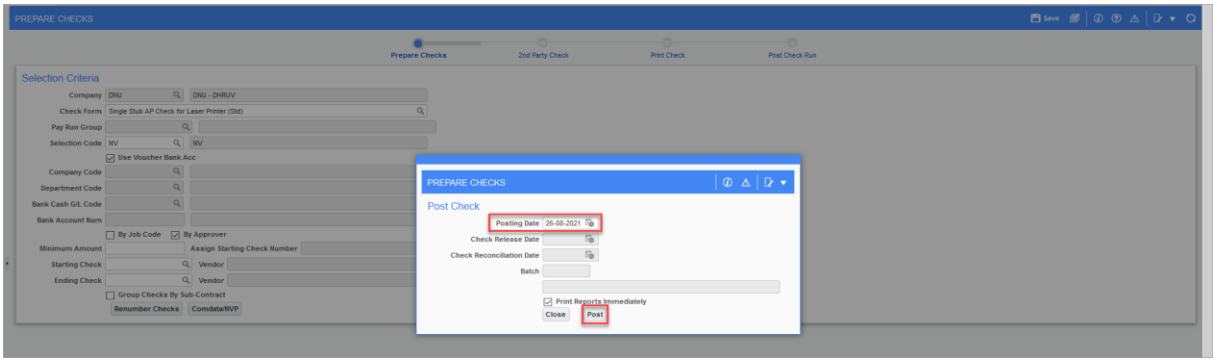
Accounts Payable > Checks > Print Checks – Prepare Checks – [Comdata/NVP] button – [Get NVP Batch Status] status alert box

[**Post Checks**] button is enabled when the NVP Status column reads ‘ReturnFileReady’



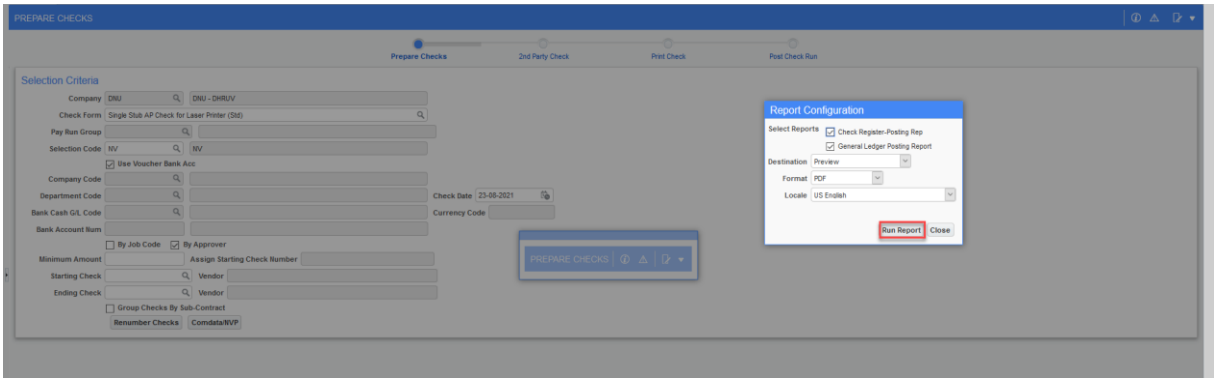
Accounts Payable > Checks > Print Checks – Prepare Checks – [Comdata/NVP] button pop-up – [Post Checks]

Post Check pop-up will be launched upon clicking [**Post Checks**] button. Populate the posting date and click on [**Post**] button.



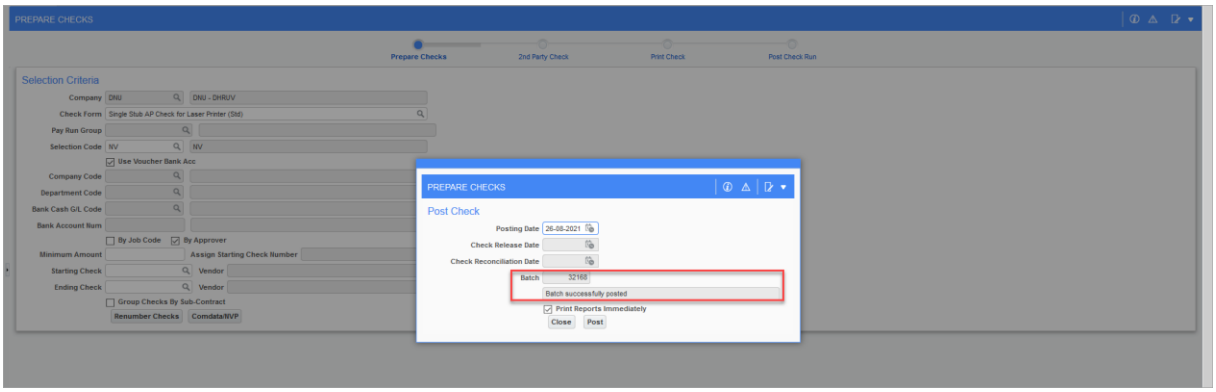
Post Check pop-up

Report configuration runs and batch is posted successfully.



Post Checks pop-up – Report Configuration

‘Batch Posted successfully’ is displayed in the message box and batch number is auto-populated.



Check Reconciliation and Check Release features

'Check Reconciliation Date' field will be enabled when the AP control file flag 'Automatically Populate Check Reconciliation Date' is set as Y (checked). User must enter reconciliation date as required.

'Check Release Date' field will be enabled when the AP control file flag 'Use Check Release Feature' is set as Y(checked). User must enter release date as required

Vat Payment Enhancement - International (21.40611) *(Beta Version)*

Overview

Modification to VAT payment calculation for international clients.

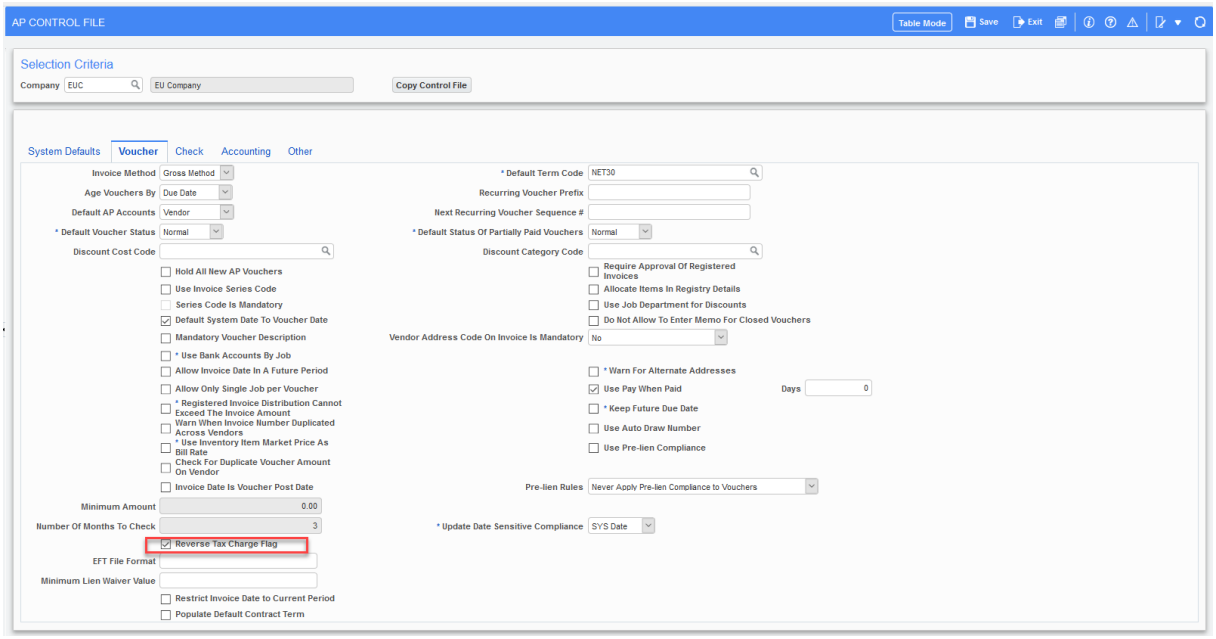
New fields are added in the following programs:

AP Control File: Reverse Tax Charge flag

Tax Table Maintenance**:** Tax Authorities, Tax English Translation, Tax Reverse Charges flag, Tax Description

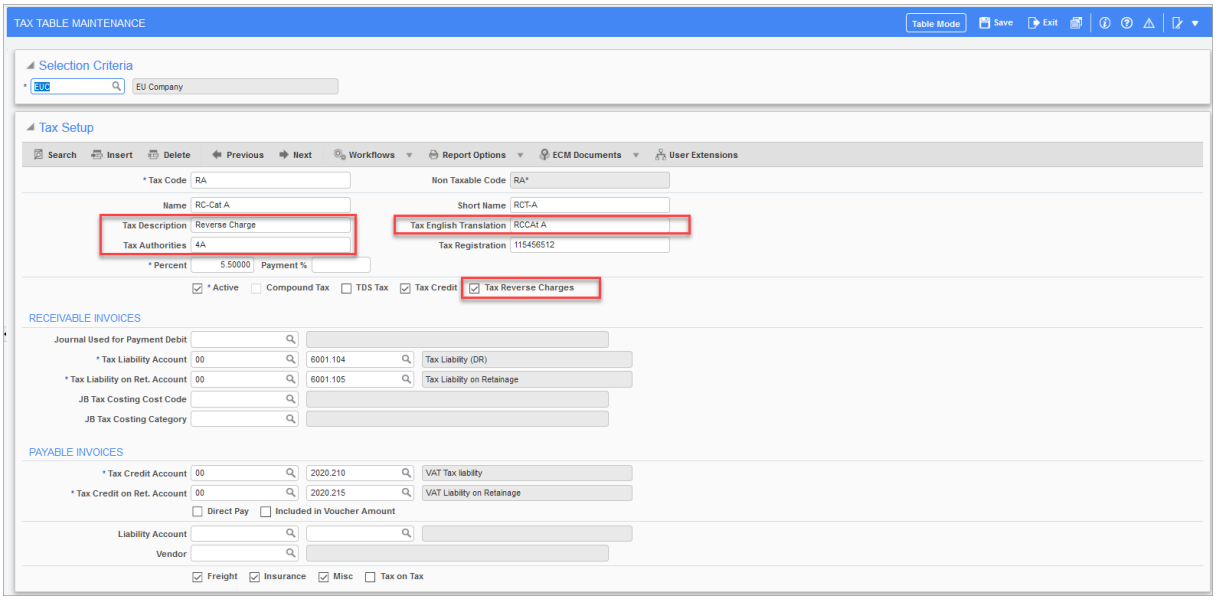
New VAT Submission report (**GL_VATINFO**) is created.

Modifications



Accounts Payable > Setup > Control File – Reverse Tax Charge Flag

Reverse Tax Charge Flag: By default, the flag is un-checked.

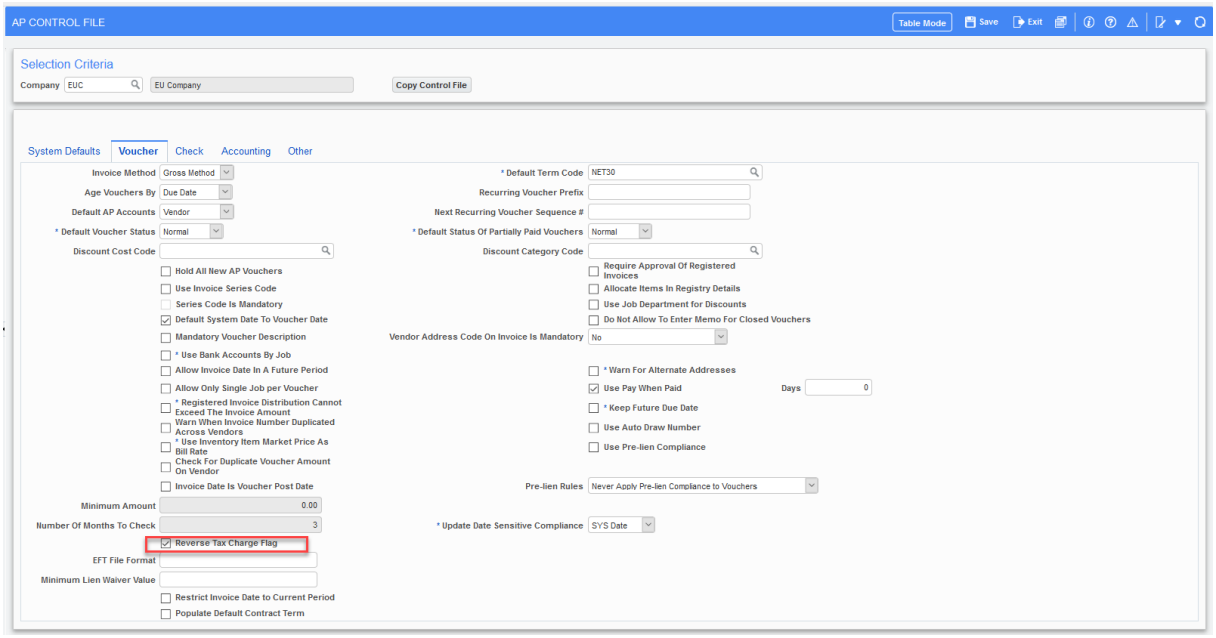


System Data > Global Tables > Tax Code – Tax Table Maintenance

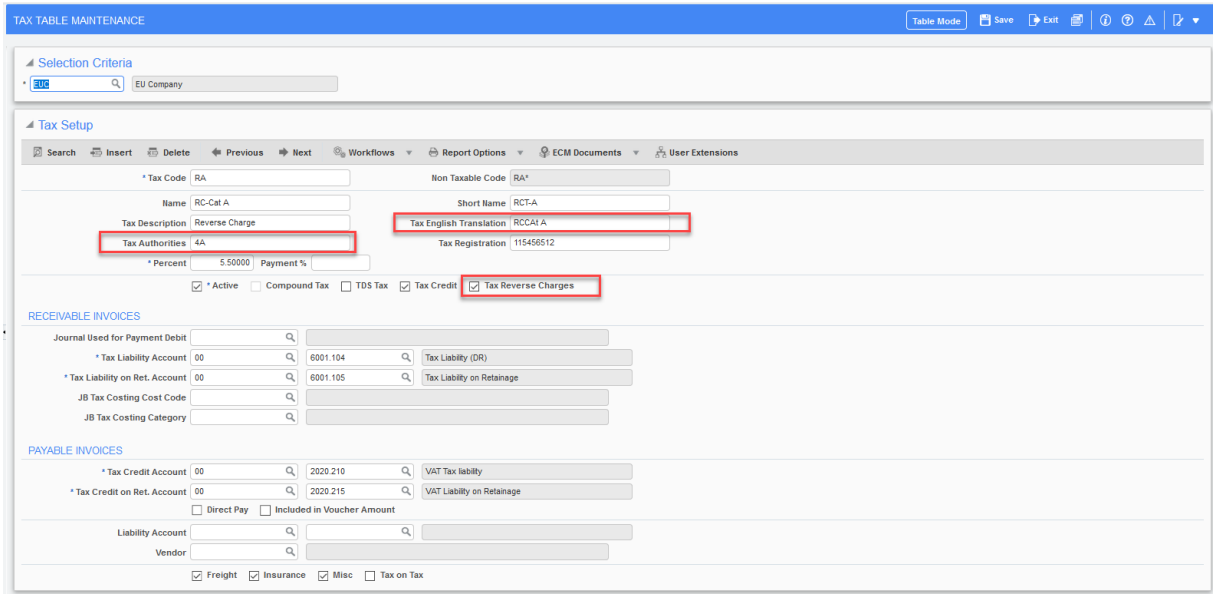
Tax Reverse Charge: By default, the flag is un-checked.

Implementation

AP Control File: Reverse Tax Charges flag must be checked



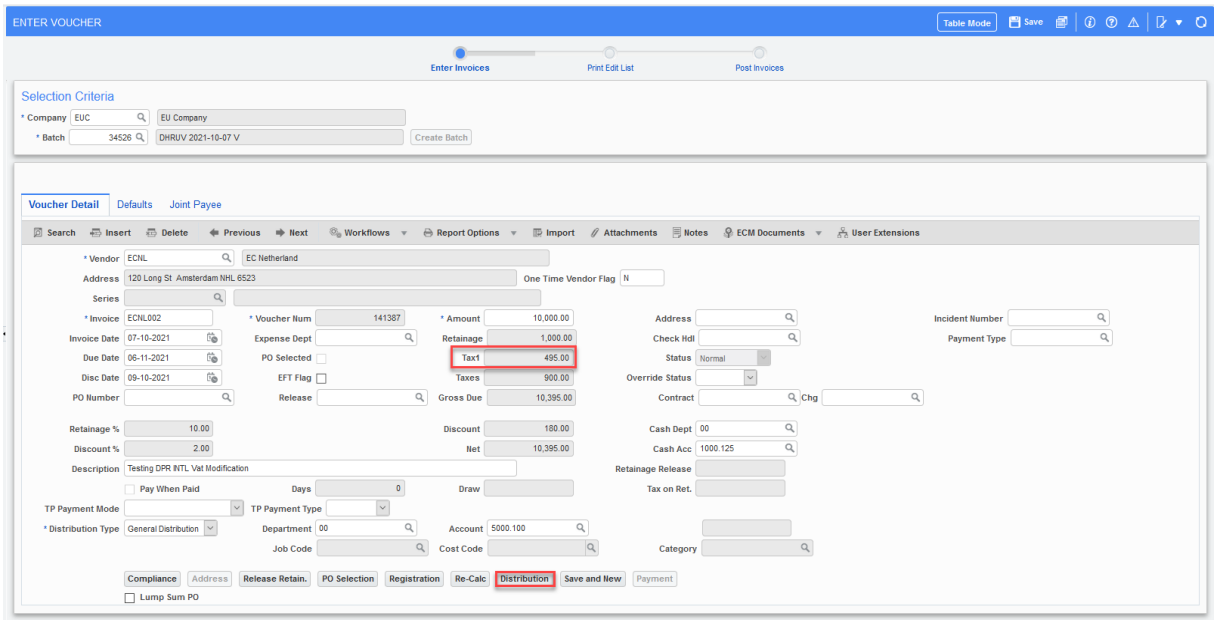
Tax Maintenance: Tax code on Tax Table maintenance program must have Tax Reverse Charges flag checked, Tax Authorities, Tax Description and Tax English Translation fields must be entered as required.



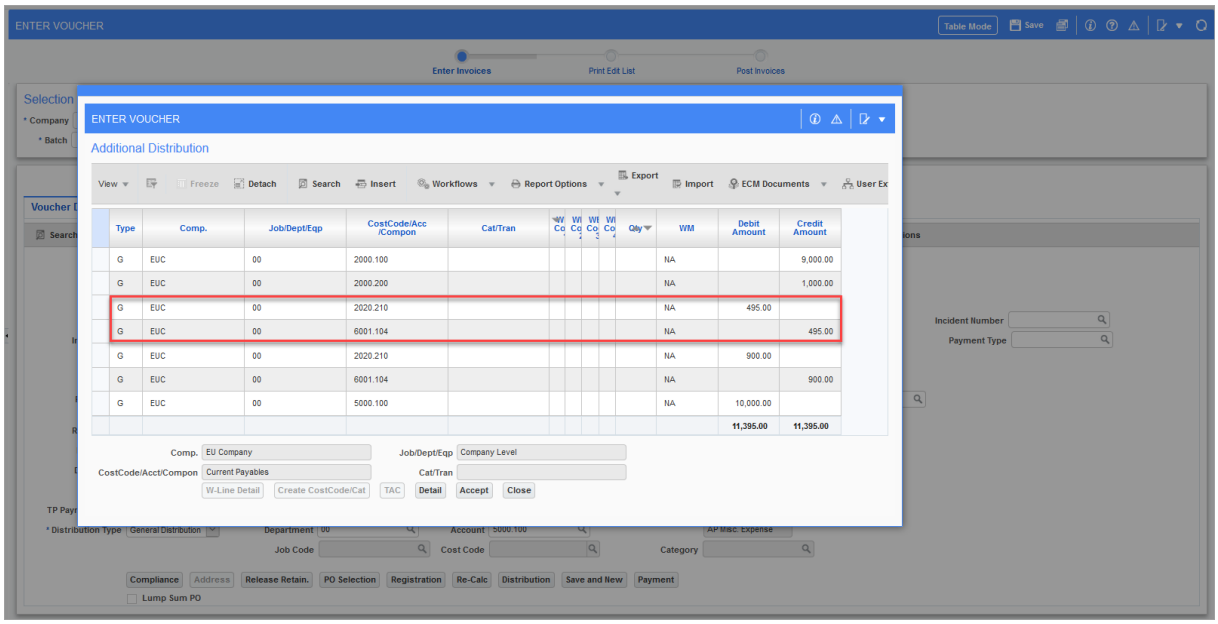
Voucher Entry:

Tax1: 495.00

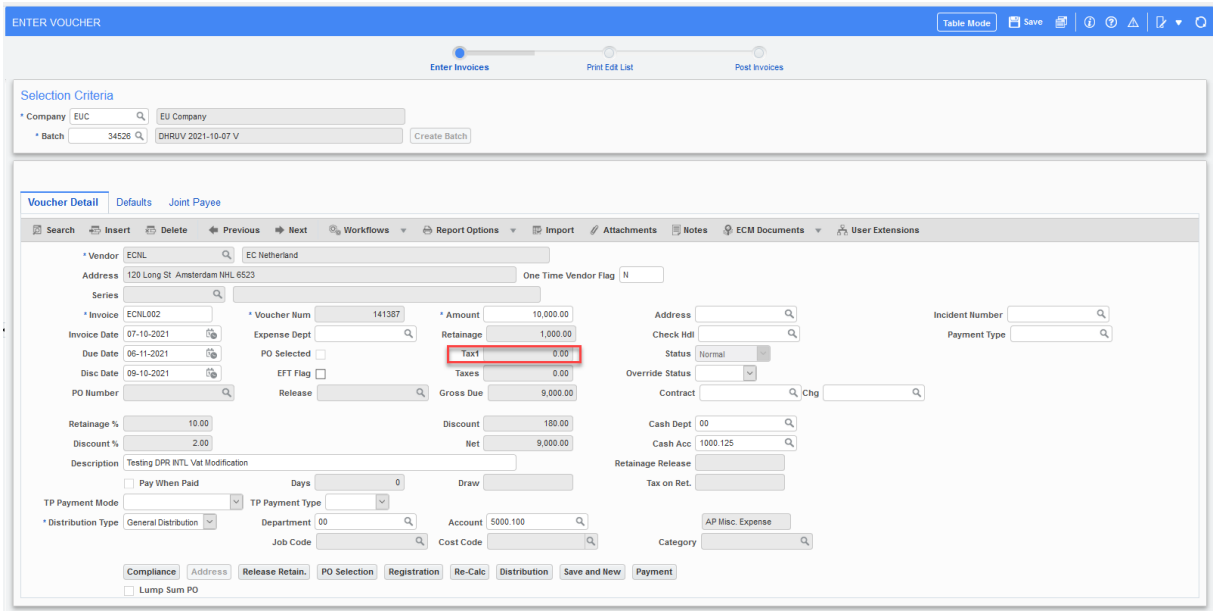
Click on [**Distribution**] button, system will automatically create reverse tax and nullify the tax amount.



Accounts Payable > Voucher > Enter Voucher

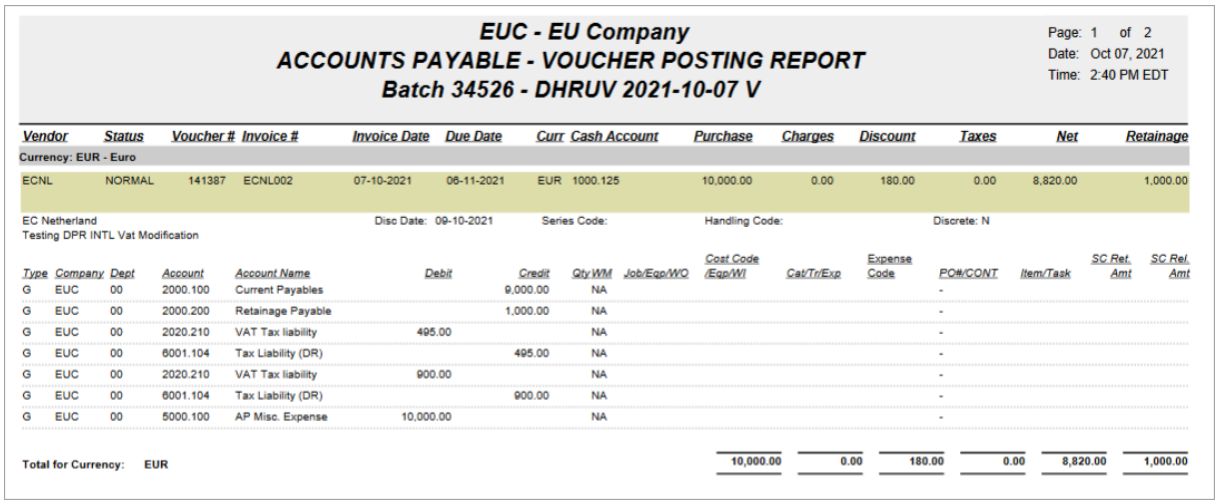


Accounts Payable > Voucher > Enter Voucher – Distribution Pop-up



Accounts Payable > Voucher > Enter Voucher

Posting Reports:



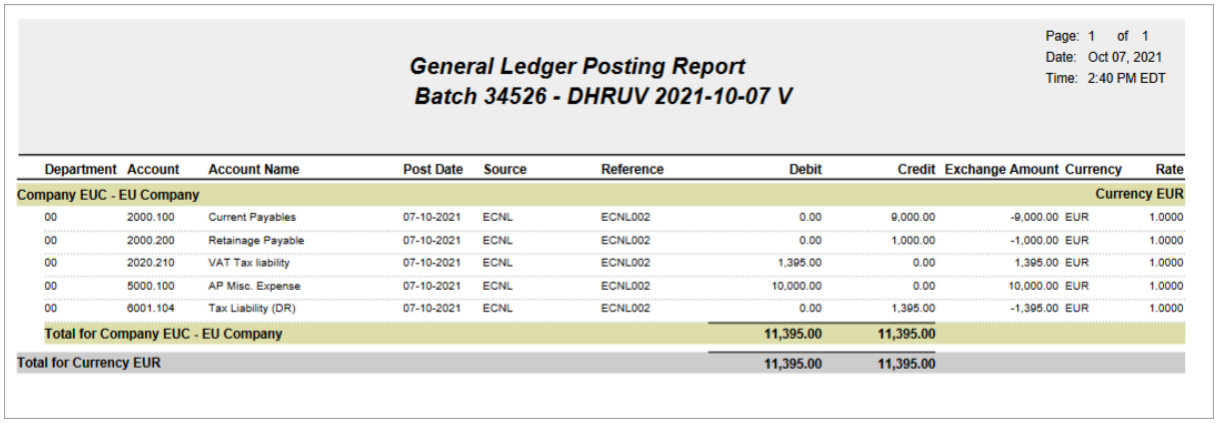
EUC - EU Company
ACCOUNTS PAYABLE - VOUCHER POSTING REPORT
Batch 34526 - DHRUV 2021-10-07 V

Page: 1 of 2
Date: Oct 07, 2021
Time: 2:40 PM EDT

Vendor	Status	Voucher #	Invoice #	Invoice Date	Due Date	Curr	Cash Account	Purchase	Charges	Discount	Taxes	Net	Retainage
Currency: EUR - Euro													
ECNL	NORMAL	141387	ECNL002	07-10-2021	06-11-2021	EUR	1000.125	10,000.00	0.00	180.00	0.00	8,820.00	1,000.00

EC Netherland
Testing DPR INTL Vat Modification
Disc Date: 09-10-2021 Series Code: Handling Code: Discrete: N

Type	Company	Dept	Account	Account Name	Debit	Credit	Qty WM	Job/Eqp/WO	Cost Code /Eqp/WI	Cat/Tr/Exp	Expense Code	PO#/CONT	Item/Task	SC Ret. Amt	SC Rel. Amt
G	EUC	00	2000.100	Current Payables		9,000.00	NA					-			
G	EUC	00	2000.200	Retainage Payable		1,000.00	NA					-			
G	EUC	00	2020.210	VAT Tax liability	495.00		NA					-			
G	EUC	00	6001.104	Tax Liability (DR)		495.00	NA					-			
G	EUC	00	2020.210	VAT Tax liability	900.00		NA					-			
G	EUC	00	6001.104	Tax Liability (DR)		900.00	NA					-			
G	EUC	00	5000.100	AP Misc. Expense	10,000.00		NA					-			
Total for Currency:			**EUR**						**10,000.00**	**0.00**	**180.00**	**0.00**	**8,820.00**	**1,000.00**	



General Ledger Posting Report
Batch 34526 - DHRUV 2021-10-07 V

Page: 1 of 1
Date: Oct 07, 2021
Time: 2:40 PM EDT

Department	Account	Account Name	Post Date	Source	Reference	Debit	Credit	Exchange Amount	Currency	Rate
Company EUC - EU Company										Currency EUR
00	2000.100	Current Payables	07-10-2021	ECNL	ECNL002	0.00	9,000.00	-9,000.00	EUR	1.0000
00	2000.200	Retainage Payable	07-10-2021	ECNL	ECNL002	0.00	1,000.00	-1,000.00	EUR	1.0000
00	2020.210	VAT Tax liability	07-10-2021	ECNL	ECNL002	1,395.00	0.00	1,395.00	EUR	1.0000
00	5000.100	AP Misc. Expense	07-10-2021	ECNL	ECNL002	10,000.00	0.00	10,000.00	EUR	1.0000
00	6001.104	Tax Liability (DR)	07-10-2021	ECNL	ECNL002	0.00	1,395.00	-1,395.00	EUR	1.0000
Total for Company EUC - EU Company						11,395.00	11,395.00			
Total for Currency EUR						11,395.00	11,395.00			

New AP EFT Format for First Republic Bank ‘FREPUBLBNK’

(21.43534)

New AP EFT Format for First Republic Bank ‘FREPUBLBNK’

Modifications:

Created a new AP EFT format for ‘First Republic Bank’-FREPUBLBNK
Following field values will be used in the file format.

File Header Record
Immediate Destination (321081669)
Immediate Origin (321081669)
Immediate Destination Name (FIRST REPUBLIC BANK)

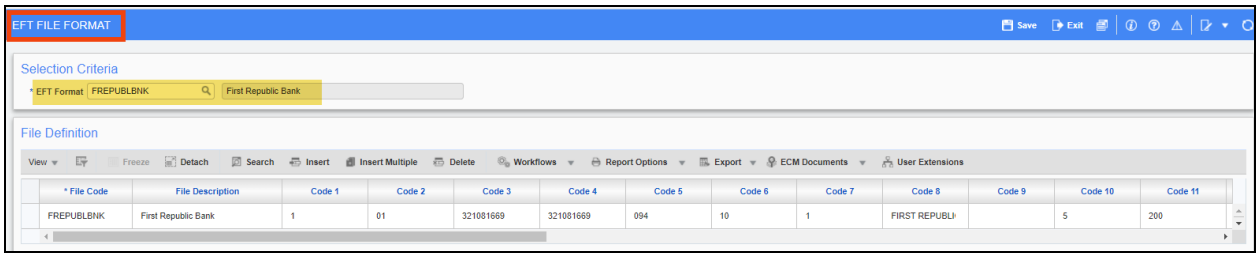
Batch Header Record
Service Class Code (200)
Company Identification (Company Federal Tax ID from company setup)
Standard Entry Class Code (CCD)
Company Entry Description (PAYMENT)
Originating DFI Identification (32108166)

Entry Detail Record (One details record per vendor)
Transaction Code (22)
Receiving DFI Identification (Bank Transit number from vendor setup)
DFI Account Number (Bank Account number from vendor setup)
Receiving Company Name (Vendor name)
Addenda Record Indicator (1)

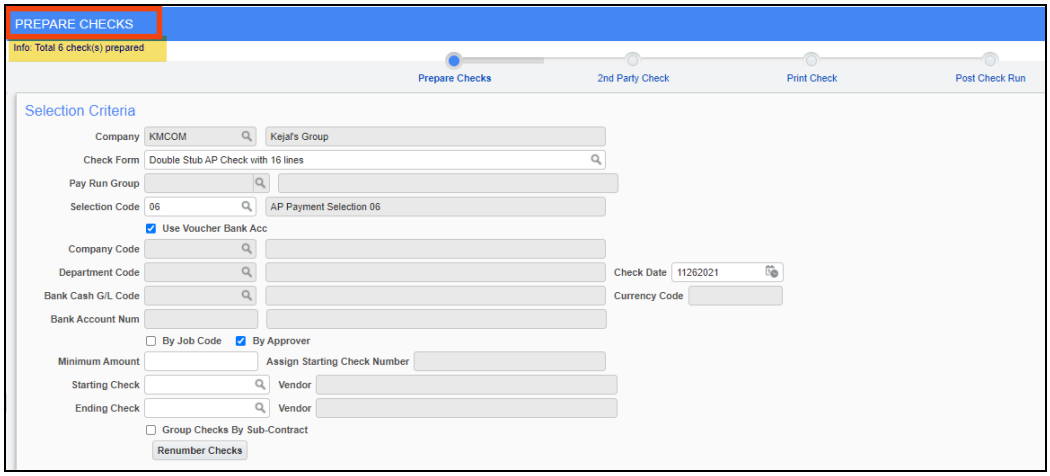
Addenda Record (One addenda record for each detail record)
Addenda Type Code (05)
Payment Related Information (List of invoice codes - up to 80 chars max length file limit).

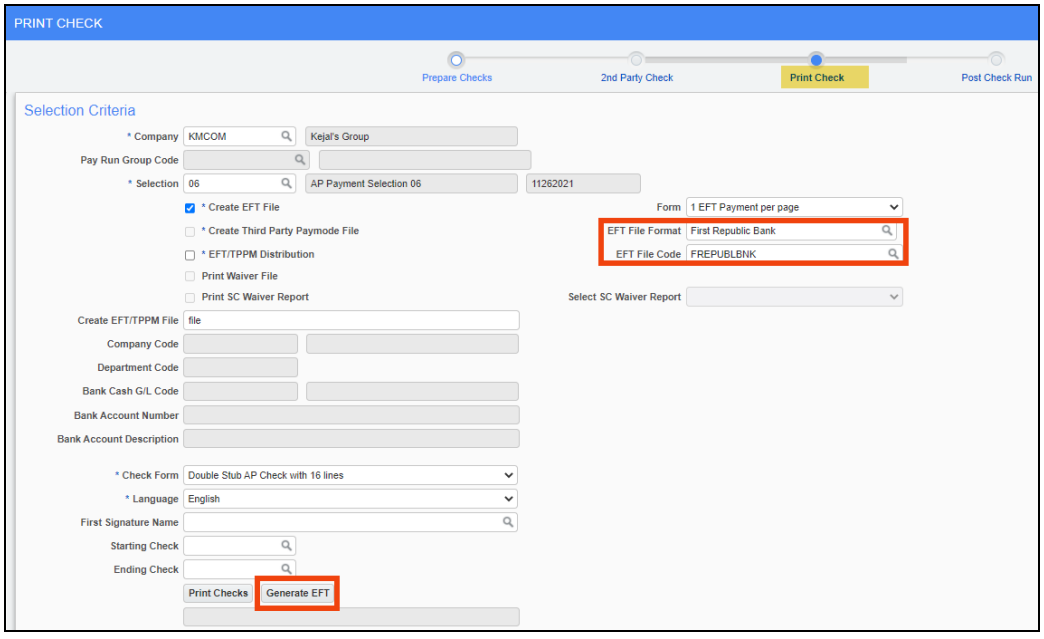
Batch Control Record
Service Class Code (200)
Originating DFI Identification (32108166)

Setup and Printing:



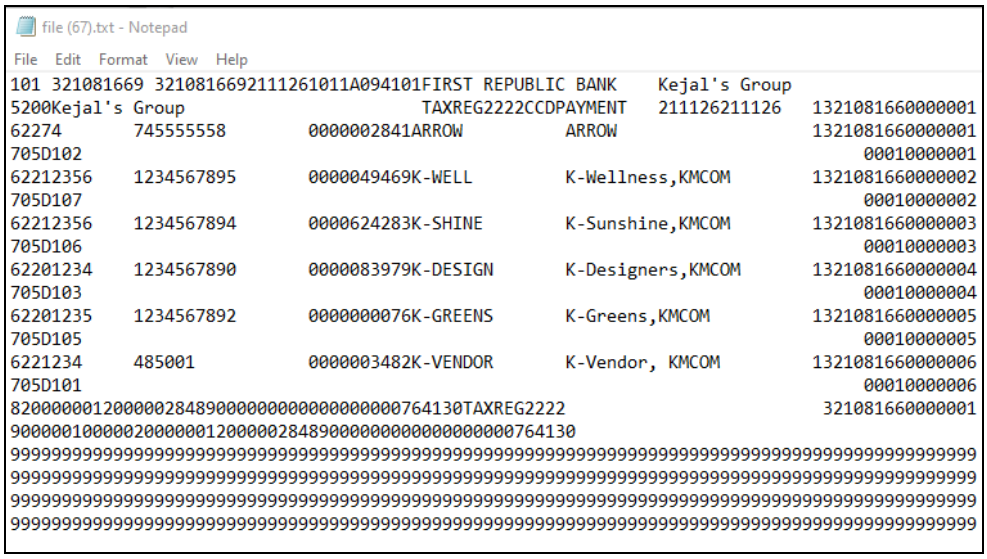
AP>Setup>Global Tables>EFT Formats





AP>Check>Print Checks

The following sample EFT file is generated as per the FREPUBLBNK format code:



file (67).txt - Notepad

File Edit Format View Help

```
101 321081669 321081669211126101 1A094101FIRST REPUBLIC BANK    Kejal's Group
5200Kejal's Group                    TAXREG2222CCDPAYMENT   211126211126   1321081660000001
62274       745555558       0000002841ARROW          ARROW                  1321081660000001
705D102                                                                          00010000001
62212356    1234567895      0000049469K-WELL         K-Wellness,KMCOM       1321081660000002
705D107                                                                          00010000002
62212356    1234567894      0000624283K-SHINE        K-Sunshine,KMCOM       1321081660000003
705D106                                                                          00010000003
62201234    1234567890      0000083979K-DESIGN       K-Designers,KMCOM      1321081660000004
705D103                                                                          00010000004
62201235    1234567892      0000000076K-GREENS       K-Greens,KMCOM         1321081660000005
705D105                                                                          00010000005
6221234     485001          0000003482K-VENDOR       K-Vendor, KMCOM        1321081660000006
705D101                                                                          00010000006
8200000012000002848900000000000000000764130TAXREG2222                        321081660000001
900000100000200000012000002848900000000000000000764130
99999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999
99999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999
99999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999
99999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999999
```

New AP EFT Format for CIBC Bank Wire Transfer (21.47984)

Added new EFT format for CIBC Bank Wire Transfer

Modifications:

Created a new AP EFT file format for CIBC bank for WIRE payments. There will be no change in the EFT payment process.
This file will be Comma Delimited file format. There will be no header and trailer record, only detail records.
This will print one single payment line for each vendor on payment selection.

Debit Field Properties Information (Required) -- This section contains the Payer details

ABA / TRC (Bank Account setup - Transit field)
Account Type (C - Checking - will be used)
Account Number (Bank Account setup - Bank Account Number field)
Amount (Total Vendor payment amount)
Send on date (Check date on payment selection)
Currency (Payment currency)

Recipient Field Properties Information (Required) -- This section contains the Payee details

Bank ID type (ABA will be used)
Bank ID (Vendor setup - Accounting Tab - Bank Transit field)
Recipient Account# (Vendor setup - Accounting Tab - Bank Account Number field)
Bank Name (Bank setup - Name field, associated with vendor bank ID field)
Bank Address 1 (Blank as this is optional)
Bank Address 2 (Blank as this is optional)
Bank Address 3 (Blank as this is optional)
Recipient Name (Payee name - BP Name on business partner)
Recipient Address 1 (Vendor setup - Vendor Tab - Street field)
Recipient Address 2 (Vendor setup - Vendor Tab - Suite field)
Recipient Address 3 (Vendor setup - Vendor Tab - City field)
Additional Info for Recipient (Keeping Blank as this is optional)

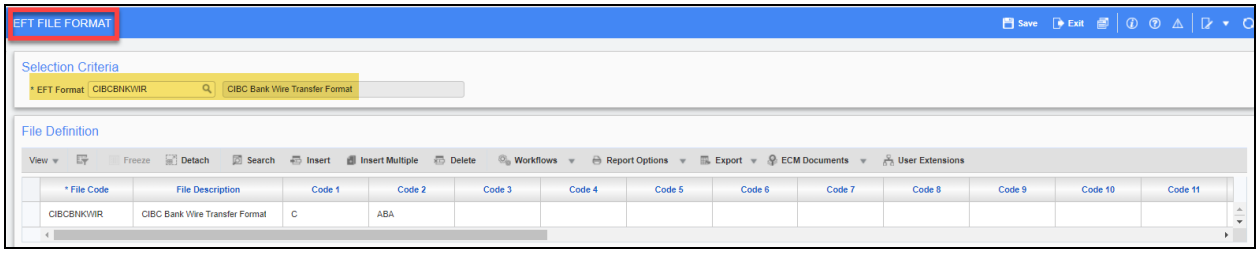
Wire Initiator Field Properties (Required)

Wire Initiator Name (Since this is same for all records printed on the file so, this field must be defined on AP EFT setup screen)
Wire Initiator Address1 (Since this is same for all records printed on the file so, this field must be defined on AP EFT setup screen)
Wire Initiator Address2 (Since this is same for all records printed on the file so, this field must be defined on AP EFT setup screen)
Wire Initiator Address3 (Since this is same for all records printed on the file so, this field must be defined on AP EFT setup screen)

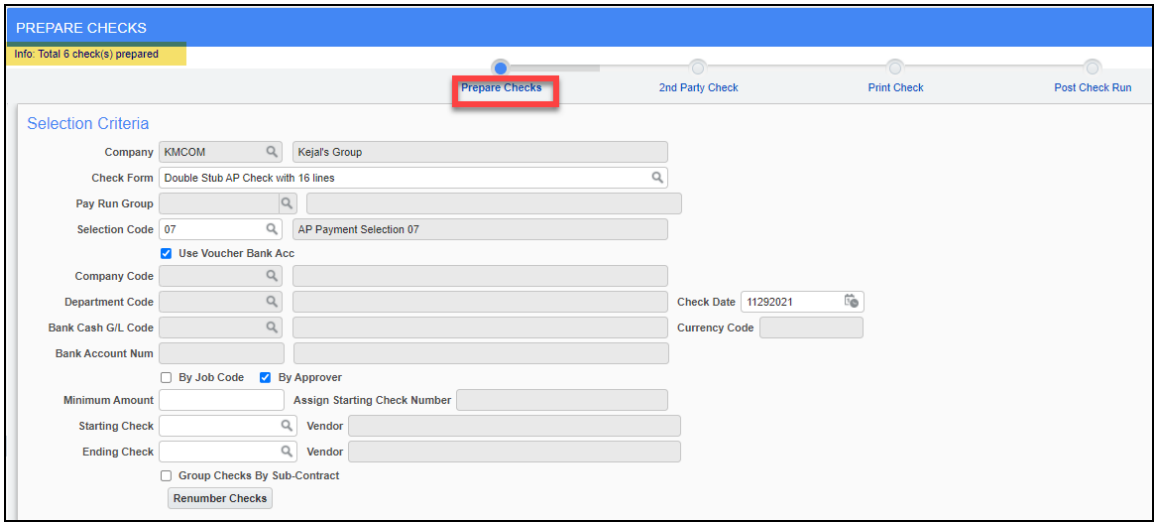
Note: The following two sections columns are optional, nothing will be printed on this section.

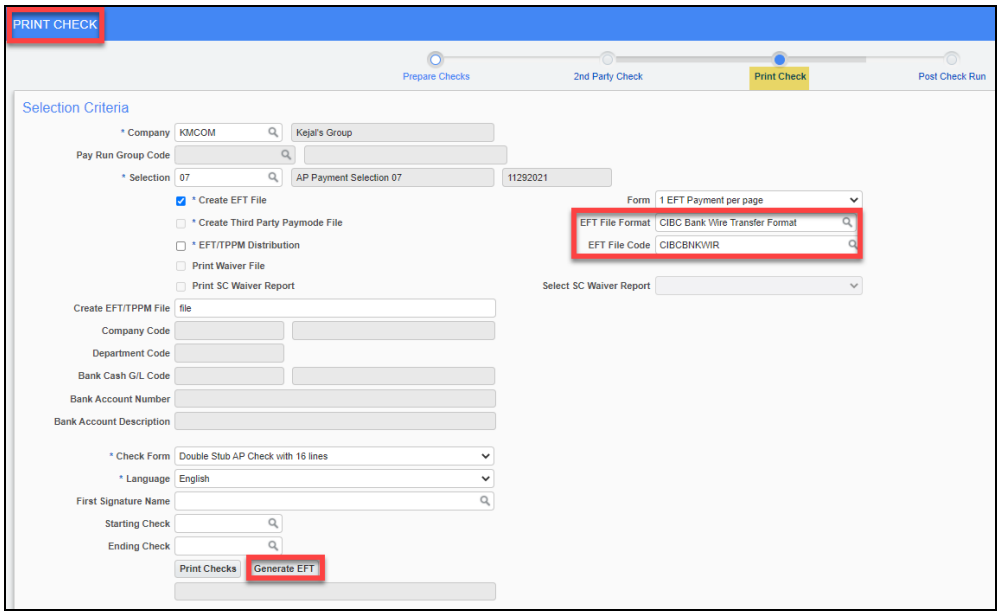
First Intermediary Field Properties Information (Optional)
Second Intermediary Field Properties Information (Optional)

Setup and Printing:



AP>Setup>Global Tables>EFT Formats





AP>Check>Print Checks

The following sample EFT file is generated as per the CIBCBNKWIR format code:

```
123456789,C,4850000121,28.41,112921,USD,ABA,74,745555558,Bank of Nova Scotia,,,,ARROW,Main St,Suite19,New York,,,,,
123456789,C,4850000121,839.79,112921,USD,ABA,01234,1234567890,KIWI BANK,,,,K-Designers,KMCOM,63rd Manhattan,7855,Essex,,,,,
123456789,C,4850000121,.76,112921,USD,ABA,01235,1234567892,KIWI BANK,,,,K-Greens,KMCOM,55 Avenue,4544,Hudson,,,,,
123456789,C,4850000121,6242.83,112921,USD,ABA,12356,1234567894,KIWI BANK,,,,K-Sunshine,KMCOM,123 Fergusson,1221,Neward,,,,,
123456789,C,4850000121,34.82,112921,USD,ABA,1234,485001,KIWI BANK,,,,K-Vendor, KMCOM,4011 Streetsville,1206,Jersey City,,,,,
123456789,C,4850000121,494.69,112921,USD,ABA,12356,1234567895,KIWI BANK,,,,K-Wellness,KMCOM,60 Toms River,7444,Trenton,,,,,
```

New AP Positive Pay File Format for Key Bank (21.50180)

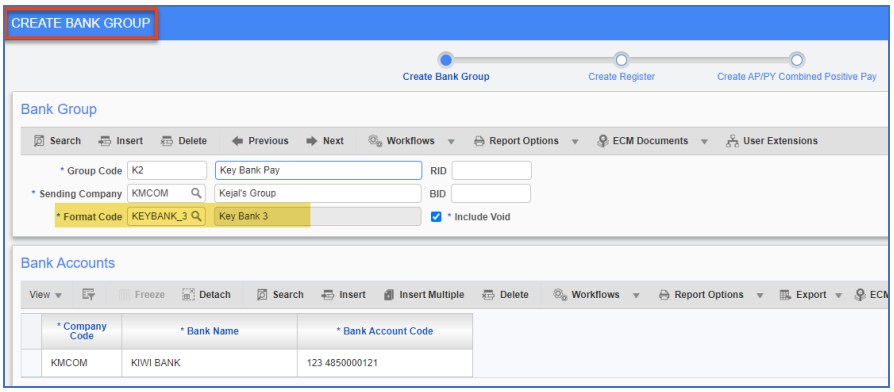
New AP Positive Pay file format for Key Bank- KEYBANK_3

Modifications:

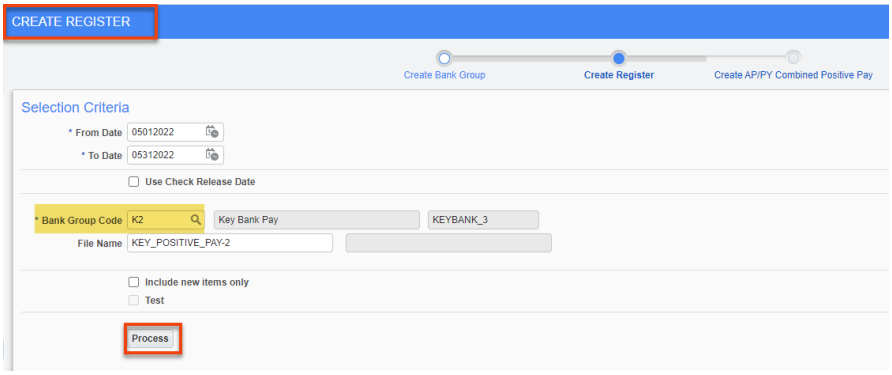
CMiC added a new positive pay format for key bank (KEYBANK_3) that includes payee name.

Setup and Testing:

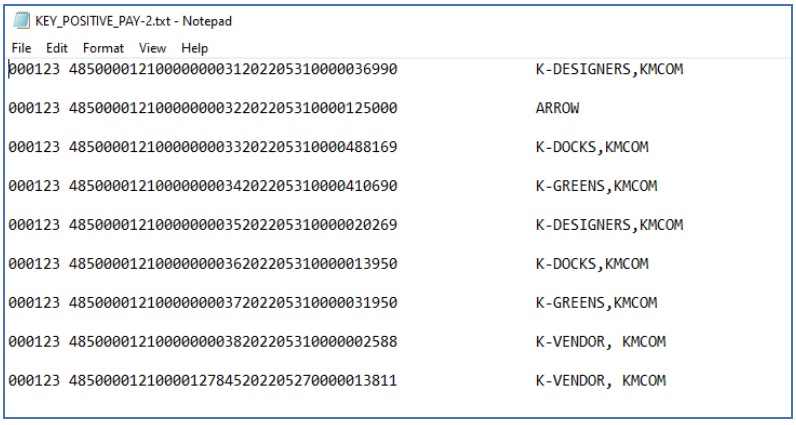
Create a bank group using the new format code and add bank accounts.



Create a register by entering the bank group and clicking on [PROCESS]



A positive pay file is generated as per the specs showing the payee's name:



New AP Bank Reconciliation File Format for Scotia Bank (21.51435)

New AP Bank Reconciliation format added - 'SCOTIABANK '

Modifications:

CMIC added a new Bank Reconciliation format for Scotia bank as per the file format "Delimited ASCII Format File Specifications".

Following field values from the file will be used for reconciliation:

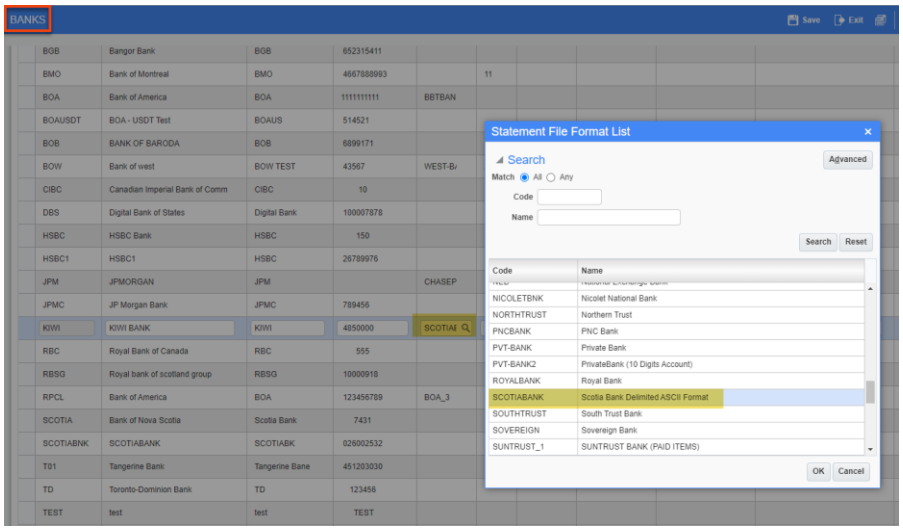
Field#6 - Transit & Account Number TTTTTAAAAAAA - Account Number will be read from this column, last 7 digits
Field#25 - Amount - Amount Paid will be read from this column
Field#28 - Value Date (Format: DDMMMYYYY) - Reconciliation Date will be read from this column
Field#32 - Reference Information - Cheque Number will be read from this column

From the file, only TRANSACTION RECORDS will be read for Cheque payments which have the following values for reconciliation:

Field#14 - Debit or Credit Indicator - D = Debit (Only read D type of transactions)
Field#18 - BAI2 Code of the Transaction - 475 (Only read 475 code of transactions)
Field#22 - Mnemonic Code Description - CHQ (Only read CHQ code type of transactions)

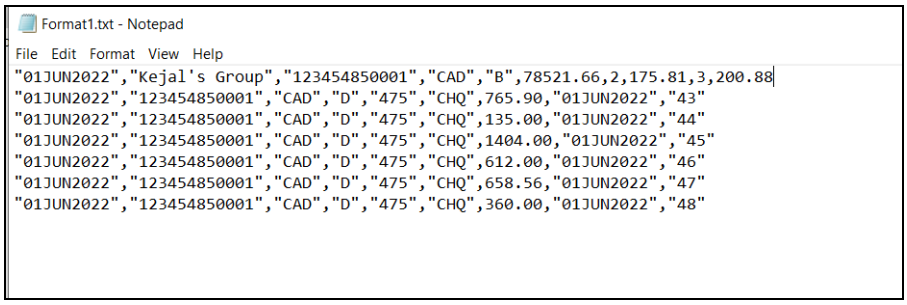
Setup and Printing:

Assign the new format 'SCOTIABANK' to the bank

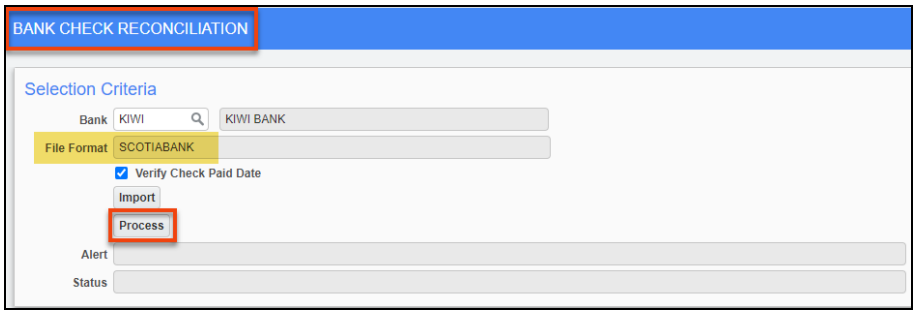


System Data > Global Tables > Banking > Banks

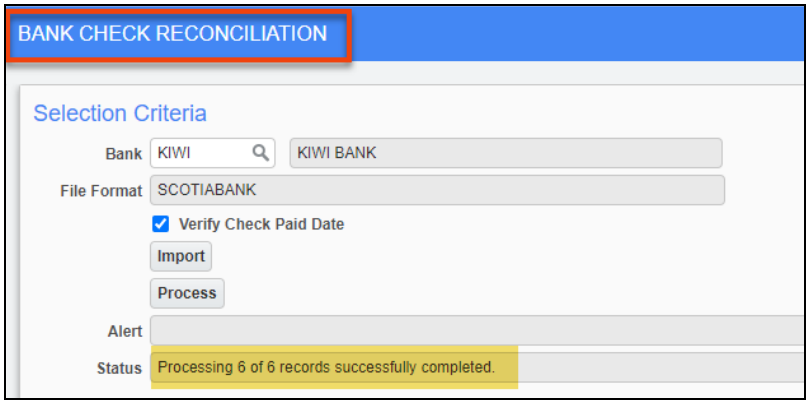
Sample Bank Reconciliation file:



Process the Bank check Reconciliation

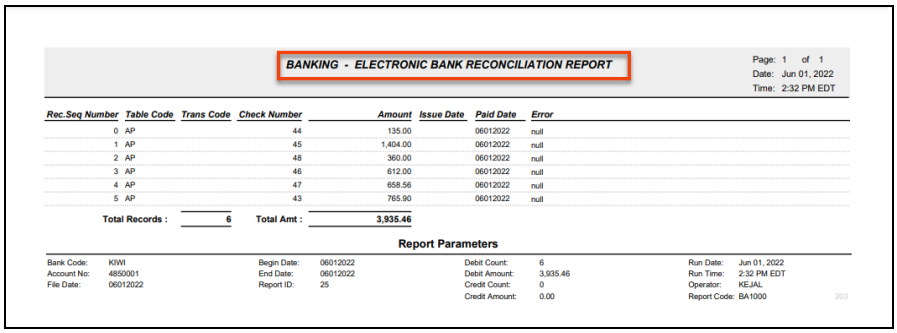


System Data > Global Tables > Banking > Electronic Reconciliation > Bank Reconciliation



System Data > Global Tables > Banking > Electronic Reconciliation > Bank Reconciliation

Verify by printing the Bank Reconciliation Report (BA1000)



COMDATA – Discrete Checks and Payments (22.52492)

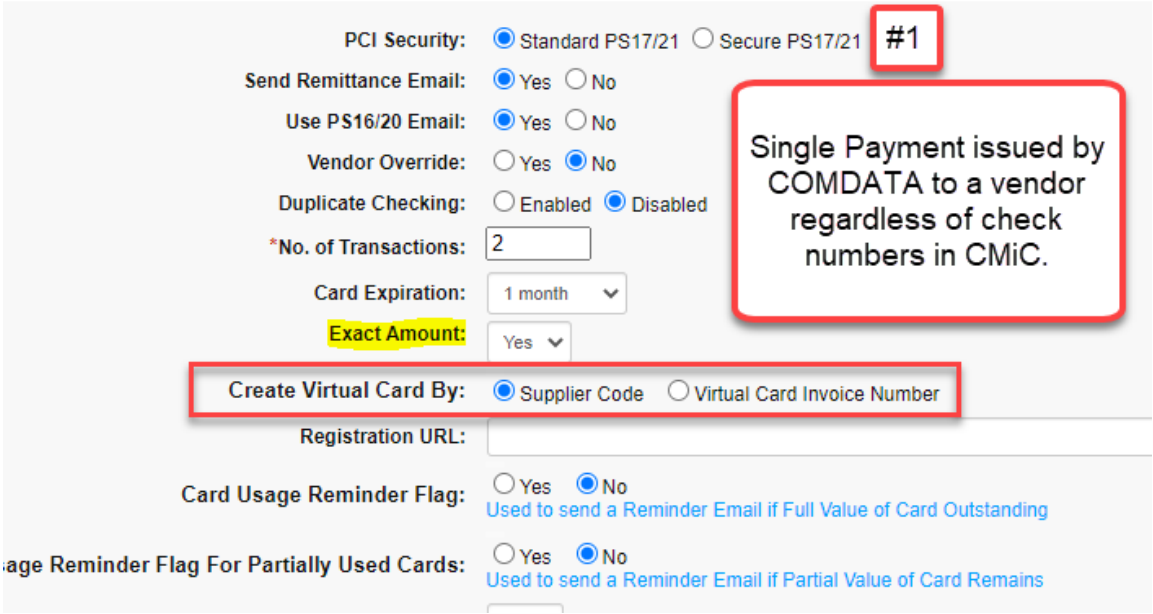
AP Check Preparation program prepares discrete checks for a vendor when the AP Invoice flag 'Discrete Checks' is set as 'Y'. Users can now configure the COMDATA settings on their COMDATA account log in in the following two ways. The radio option 'Create Virtual Card By' can be set as required by the client's business requirements.

1. Create virtual Card By: Supplier Code
    a. Setting the option 'Supplier Code' will generate PS21 files with the Card Token unique by a Vendor code and hence regardless of discrete checks flag at CMIC, all the payments will be grouped by COMDATA and payment is made as a single payment.
2. Create Virtual Code By: Virtual Card Invoice Number

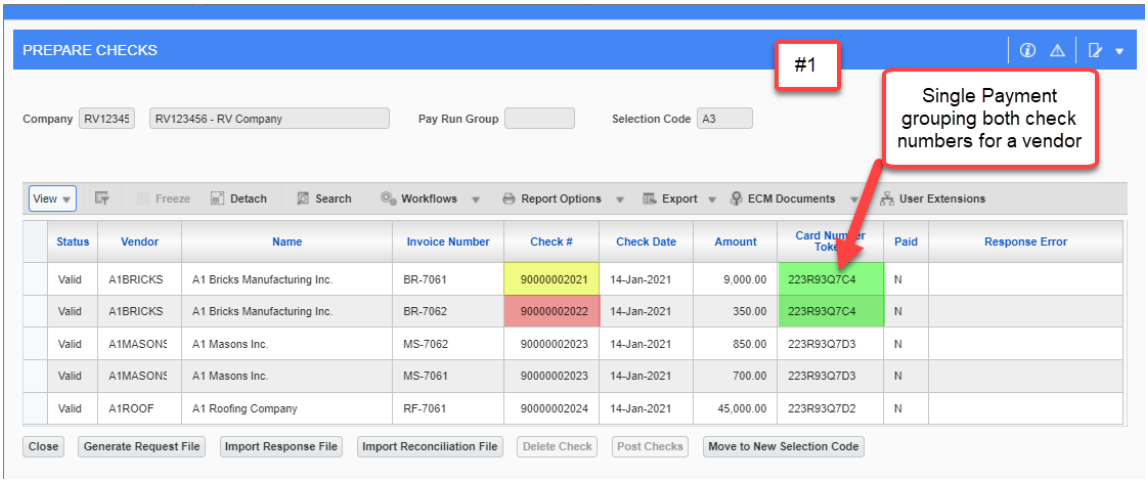
a. Setting the option as 'Virtual Card Invoice Number' will generate PS21 files with discrete token numbers by COMDATA as per the check numbers. The payments from COMDATA will then be discrete for discrete checks and grouped for grouped checks for a vendor.

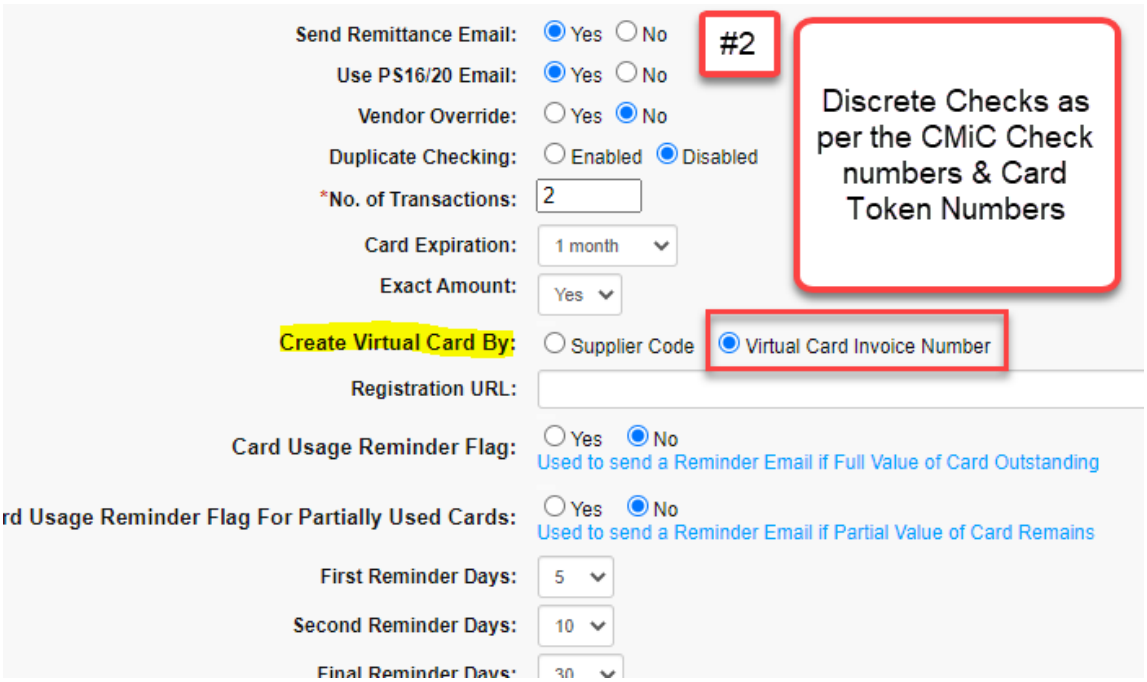
The PS20 file generated from CMIC now will have the Column 33 populated with full check numbers with 11 characters as generated by CMiC Check preparation program. This column 33 values are used by COMDATA to issue discrete or grouped payments when the radio option in COMDATA configurations is set to 'Virtual Card Invoice Number'.

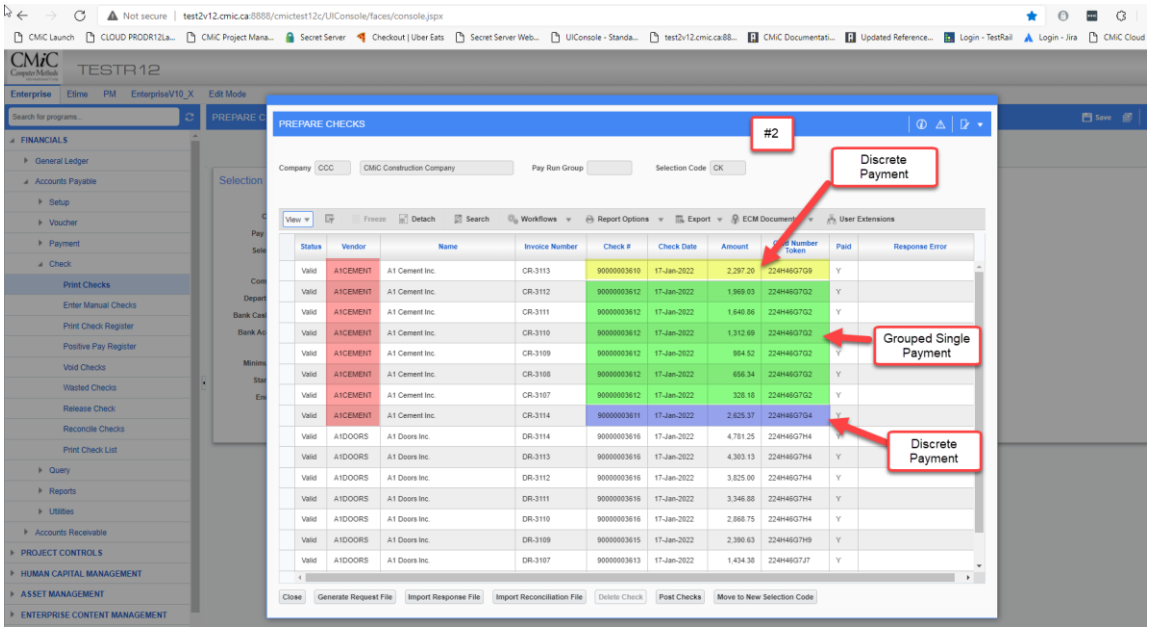
The following examples show how the payments are issued by COMDATA based on the configuration settings.



Comdata Configuration screen for client's accounts

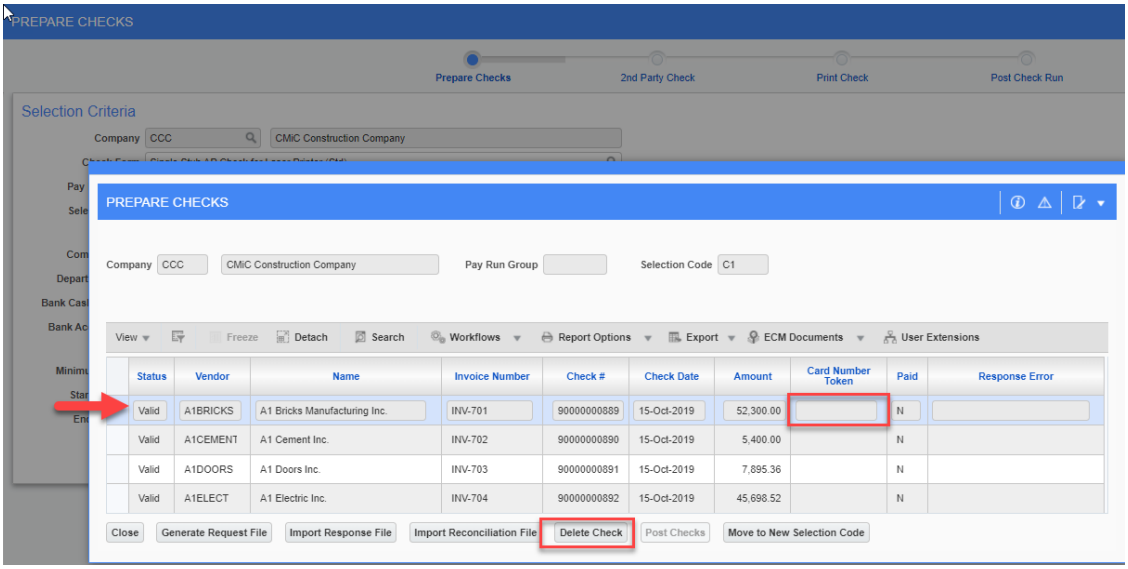






COMDATA – Delete Check Button (21.48799)

The COMDATA pop-up in Prepare Checks screen is added with 'Delete Check' button. This button will be enabled only on records where the card token numbers are not populated. Users now can delete the checks that are in a selection code, with some of them already with card token numbers and linked to COMDATA processing.



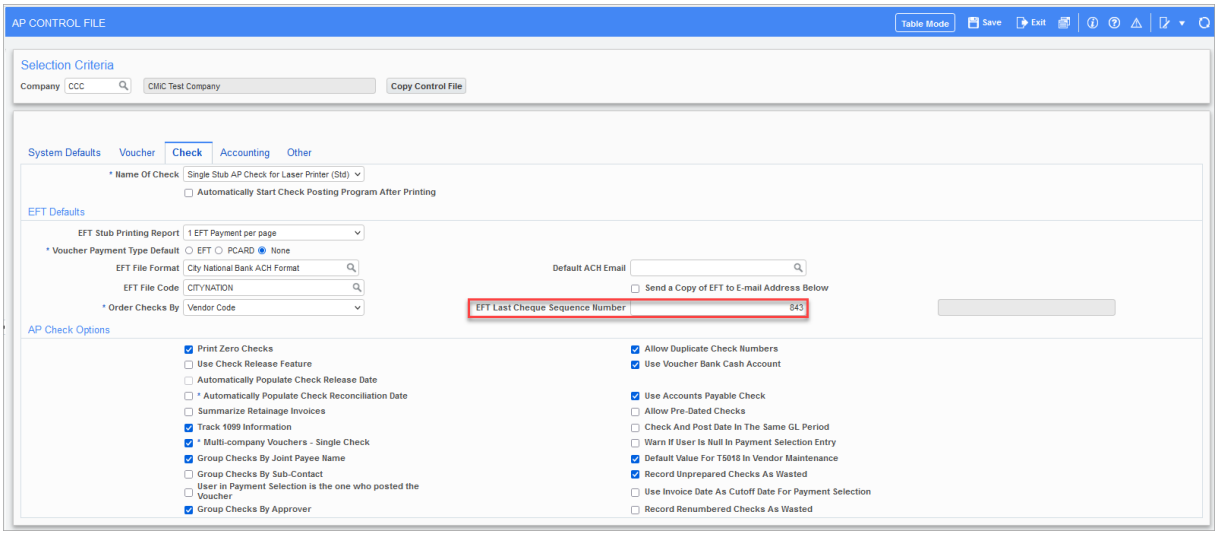
NOTE: This 'Delete Check' button will be disabled for records with Card Token Numbers as they are linked to COMDATA processing already.

EFT Last Check Sequence Number (21.47899)

Overview

AP Control file is modified to include 'EFT Last Check Sequence Number' input field.

This field is hidden by default, users must use lite editor to make it visible.



Accounts Payable > Setup > Local Tables > Control File – Check tab

EFT Last Check Sequence Number: Input field showing the last check sequence number for EFT check. The latest EFT check sequence number will be an increment to last check sequence number in AP control file.

EFT Last Check sequence number is updated as soon as checks are prepared.

If checks are processed using Pay Run group, system will use the last check sequence number of the paying company.

NOTE: Going forward CMiC may have SAME check sequence number across multiple companies. Previously check sequence numbers were unique across all companies and hence the sequence number was used by Non-EFT and EFT checks. With this modification, EFT check numbers will have company specific check sequence number. If EFT Last check sequence number is 0 or NULL, the next EFT check sequence number will be 1.

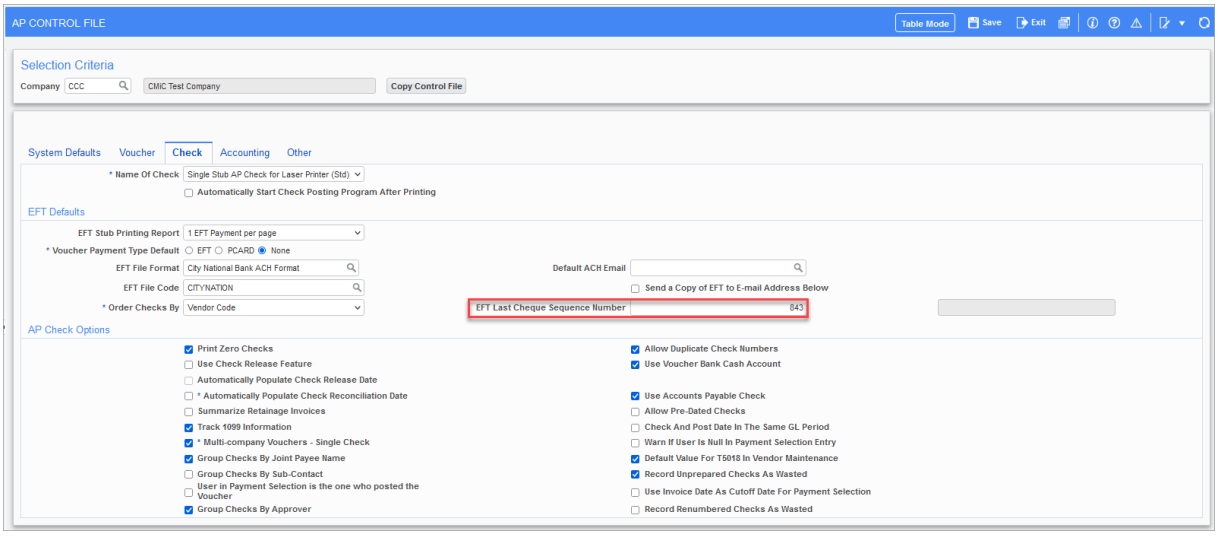
Warning: Users normally should not be updating this field unless otherwise required and be performed by administrators. A role level system privilege to access this field will be provided in the future release, also validations will be added when users update this field.

The field will be automatically updated to current last check sequence number in the system for all the companies with this installation.

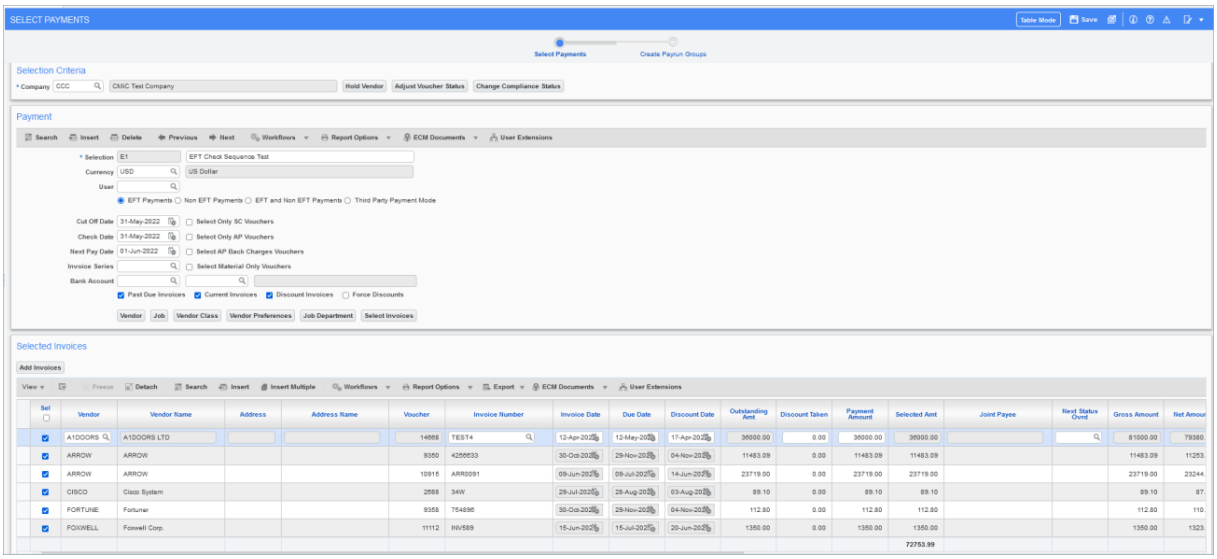
Implementation

Selection Code: E1

EFT Last Check Sequence Number for CCC company: 843

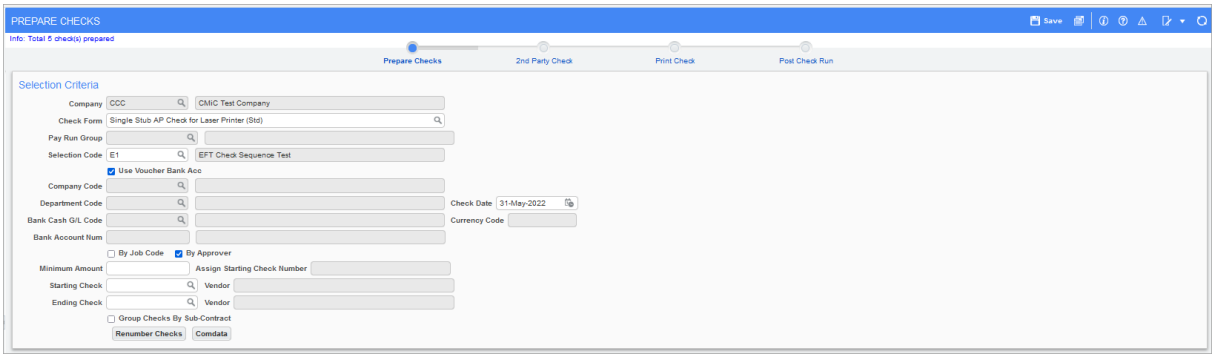


Accounts Payable > Setup > Local Tables > Control File – Check tab

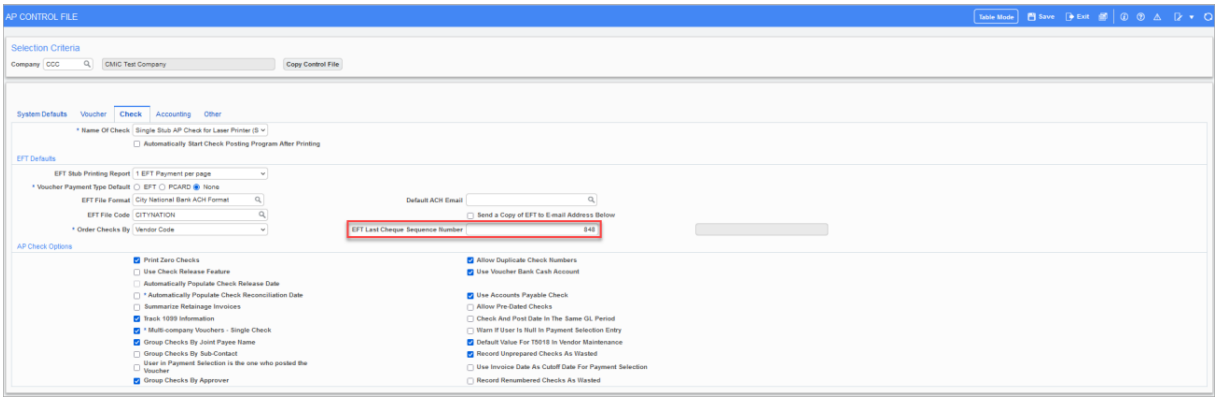


Accounts Payable > Payment > Select Payments

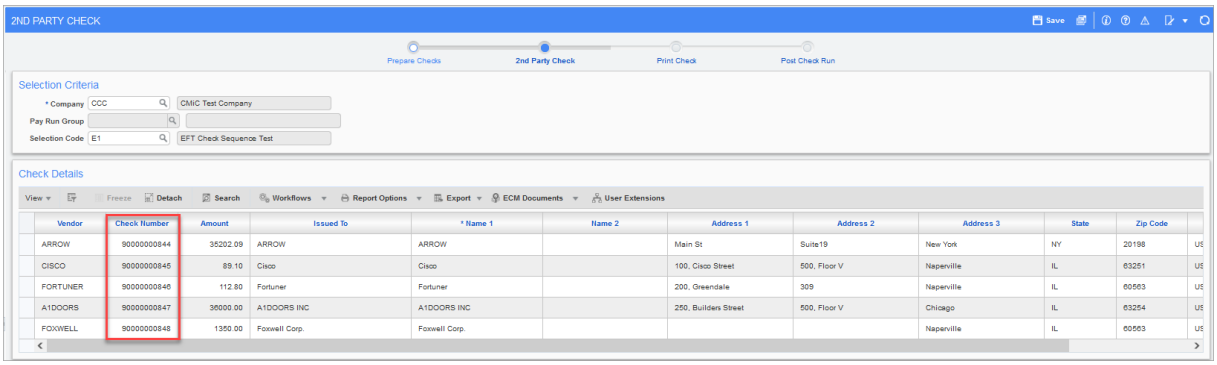
Prepare Checks for E1 selection code



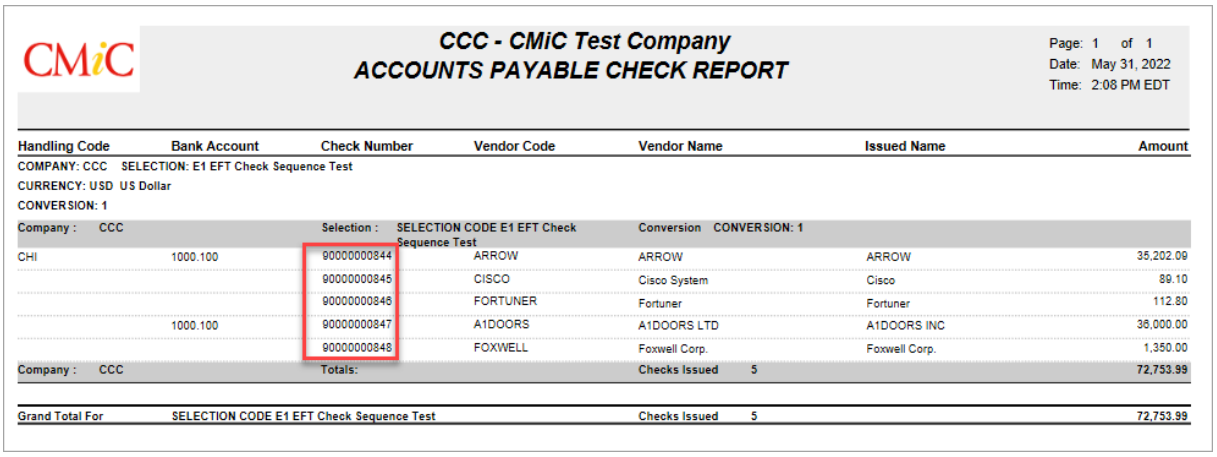
Accounts Payable > Payment > Print Checks – Prepare Checks



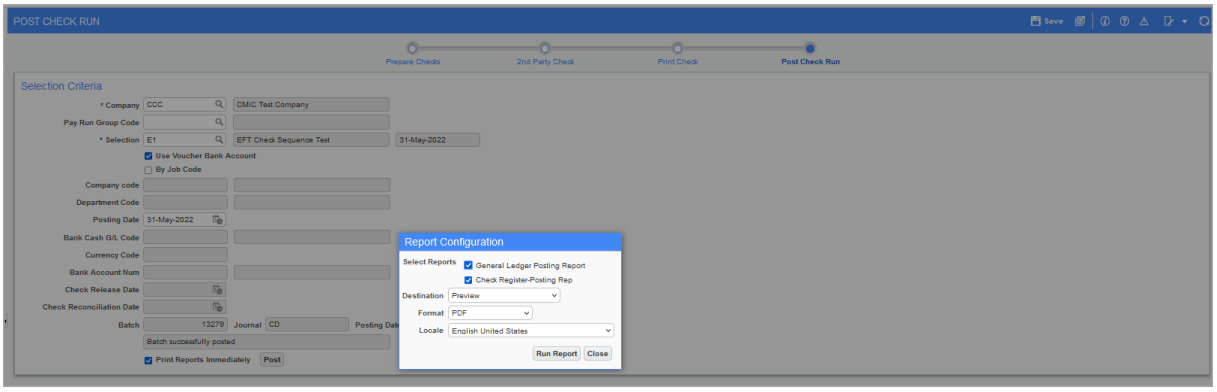
Accounts Payable > Setup > Local Tables > Control File – Check tab



Accounts Payable > Payment > Print Checks – 2nd Party Checks



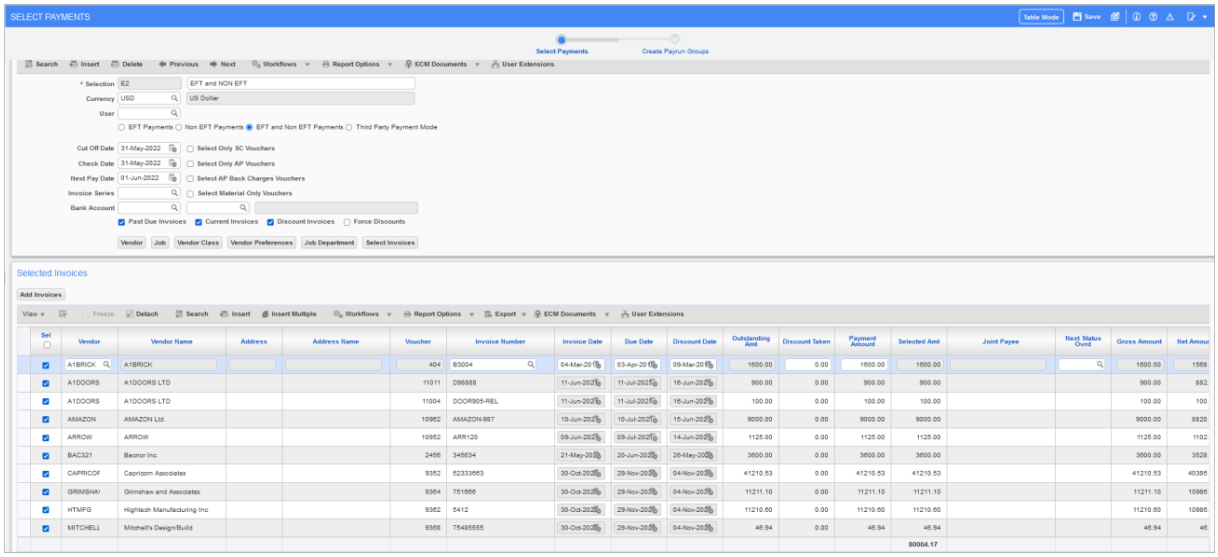
AP Check Report



Accounts Payable > Payment > Print Checks – Post Check Run

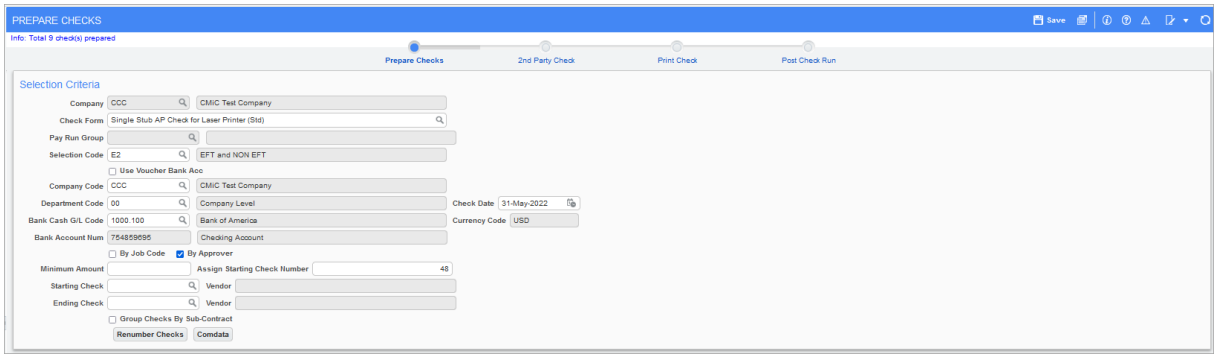
EFT and NON-EFT Checks

Selection Code: E2

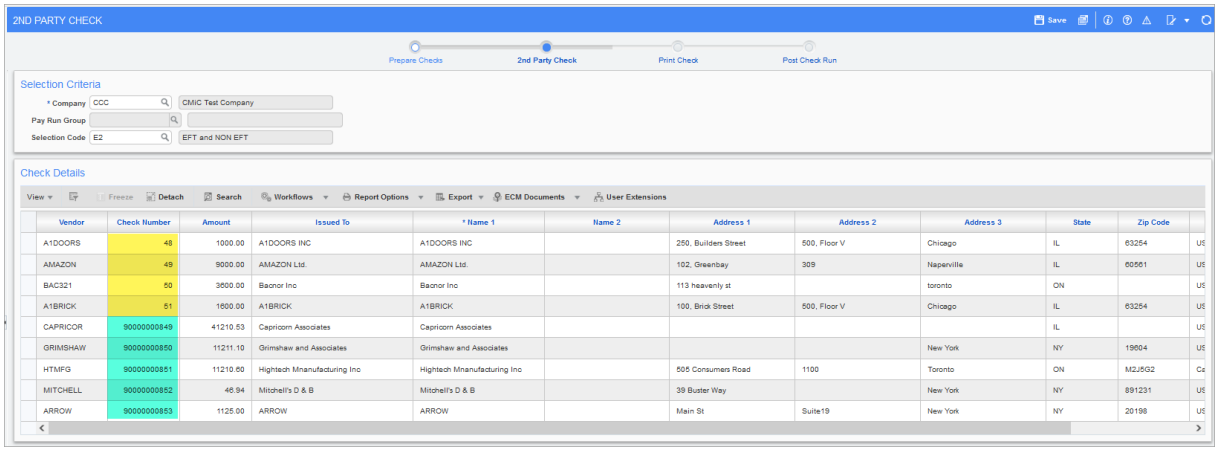


Accounts Payable > Payment > Select Payments

Prepare Checks



Accounts Payable > Payment > Print Checks – Prepare Checks



Accounts Payable > Payment > Print Checks – 2nd Party Checks

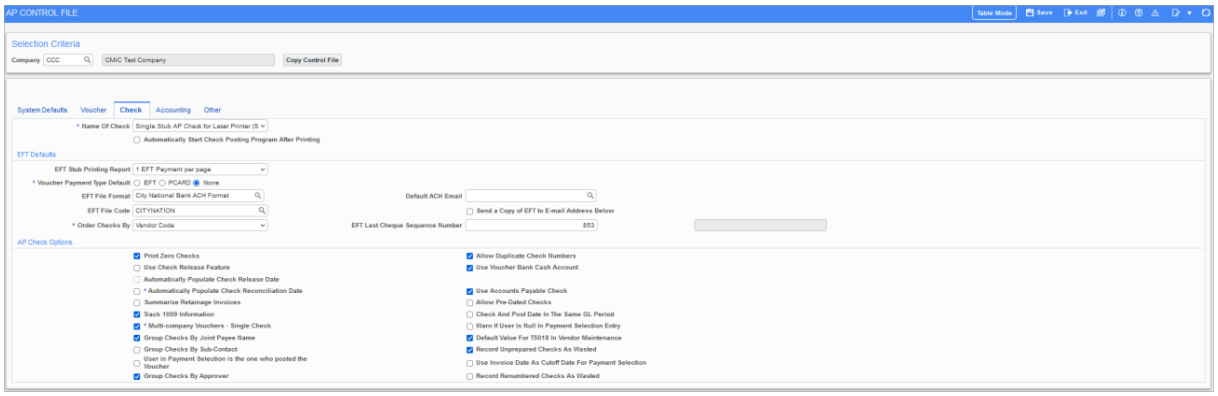
CMiC

CCC - CMiC Test Company
ACCOUNTS PAYABLE CHECK REPORT

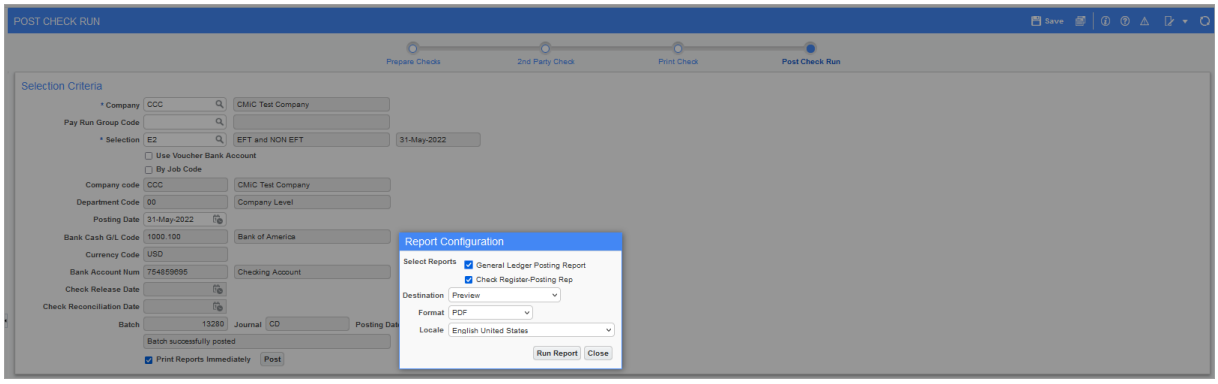
Page: 1 of 1
Date: May 31, 2022
Time: 2:16 PM EDT

Handling Code	Bank Account	Check Number	Vendor Code	Vendor Name	Issued Name	Amount
COMPANY: CCC SELECTION: E2 EFT and NON EFT						
CURRENCY: USD US Dollar						
CONVERSION: 1						
Company : CCC		Selection : SELECTION CODE E2 EFT and NON EFT		Conversion CONVERSION: 1		
CHI	1000.100	48	A1DOORS	A1DOORS LTD	A1DOORS INC	1,000.00
		49	AMAZON	AMAZON Ltd.	AMAZON Ltd.	9,000.00
		50	BAC321	Bacnor Inc	Bacnor Inc	3,800.00
	1000.100	51	A1BRICK	A1BRICK	A1BRICK	1,600.00
CHI	1000.100	90000000849	CAPRICOR	Capricorn Associates	Capricorn Associates	41,210.53
		90000000850	GRIMSHAW	Grimshaw and Associates	Grimshaw and Associates	11,211.10
		90000000851	HTMFG	Hightech Manufacturing Inc	Hightech Mnanufacturing Inc	11,210.60
		90000000852	MITCHELL	Mitchell's Design/Build	Mitchell's D & B	46.94
	1000.100	90000000853	ARROW	ARROW	ARROW	1,125.00
Company : CCC		Totals:		Checks Issued 9		80,004.17
Grand Total For	SELECTION CODE E2 EFT and NON EFT			Checks Issued 9		80,004.17

AP Check Report

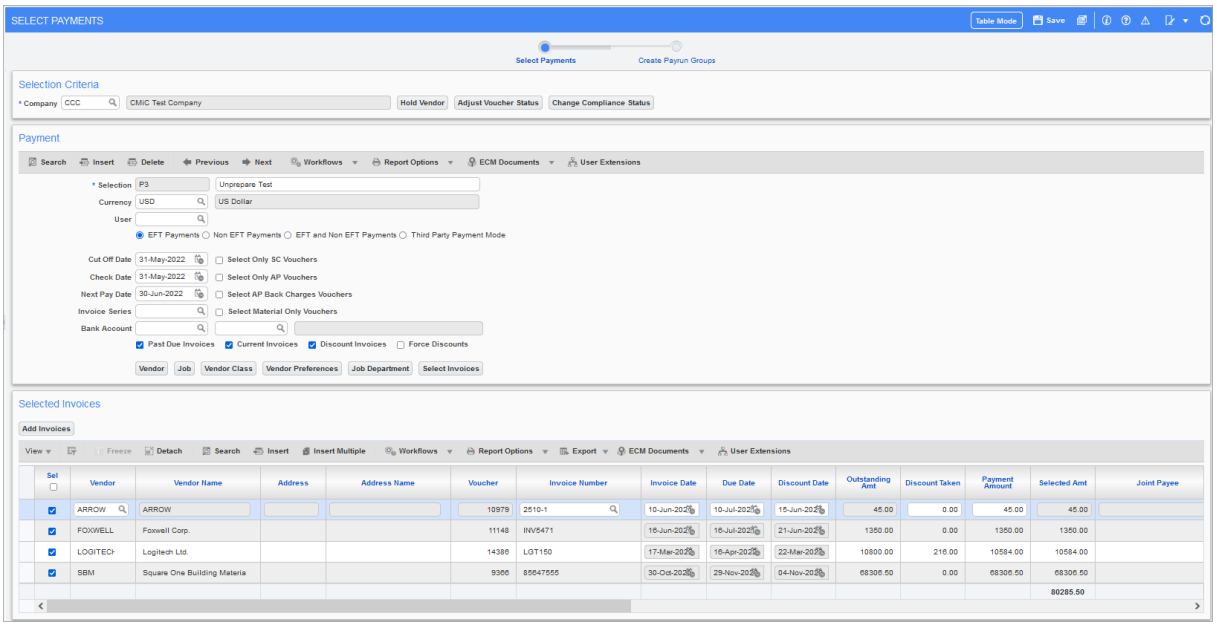


Accounts Payable > Setup > Local Tables > Control File – Check tab



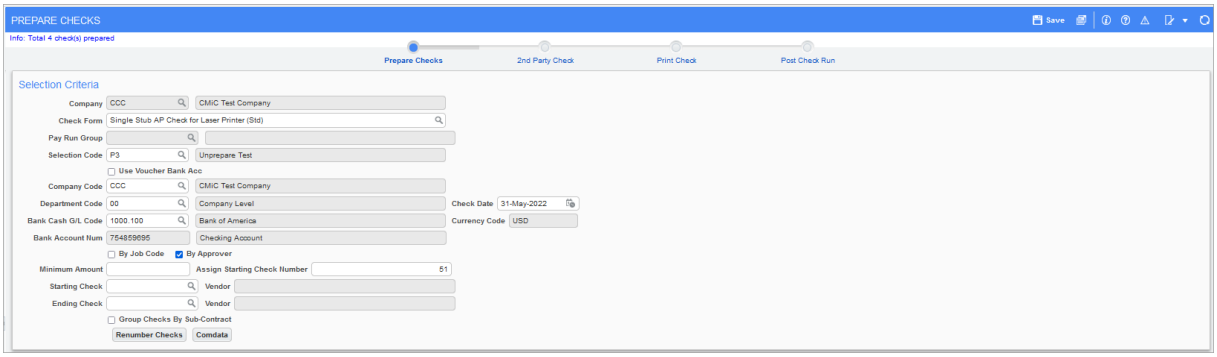
Un-prepare Checks

Selection Code: P3

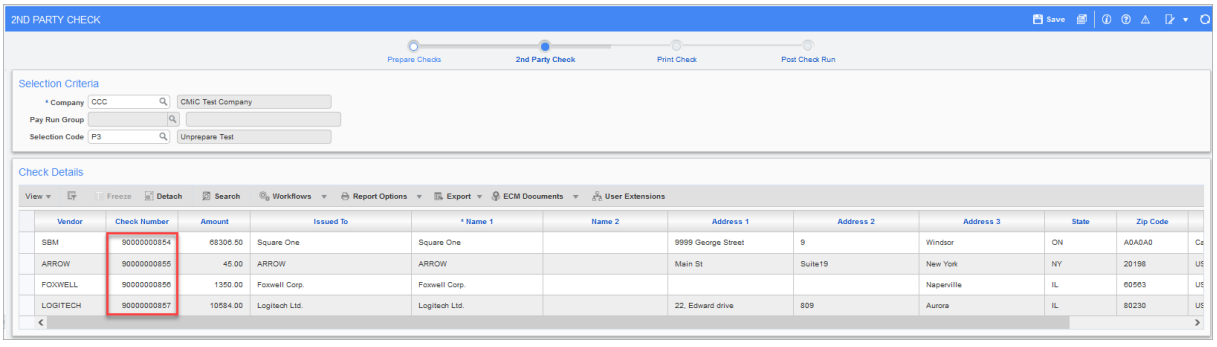


Accounts Payable > Payment > Select Payments

Prepare Checks

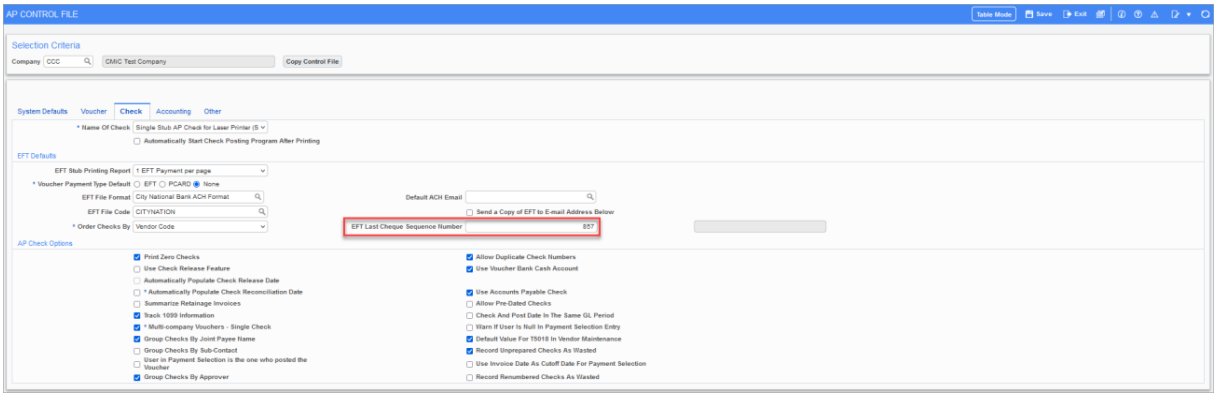


Accounts Payable > Payment > Print Checks – Prepare Checks



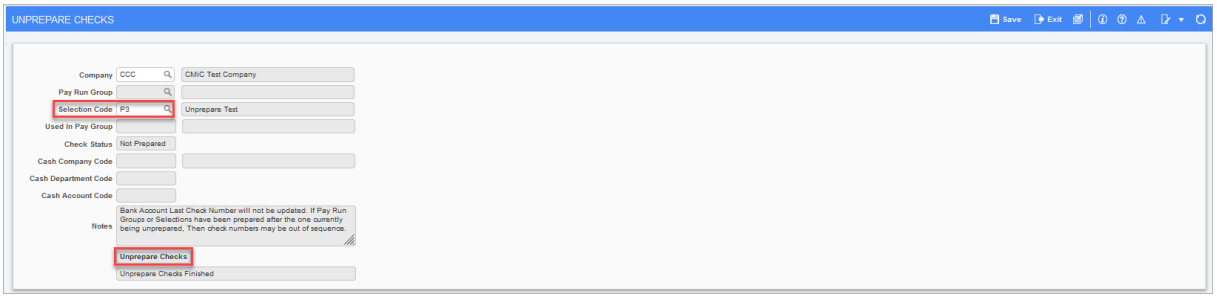
Accounts Payable > Payment > Print Checks – 2nd Party Checks

EFT Last Check Sequence is updated to 857.



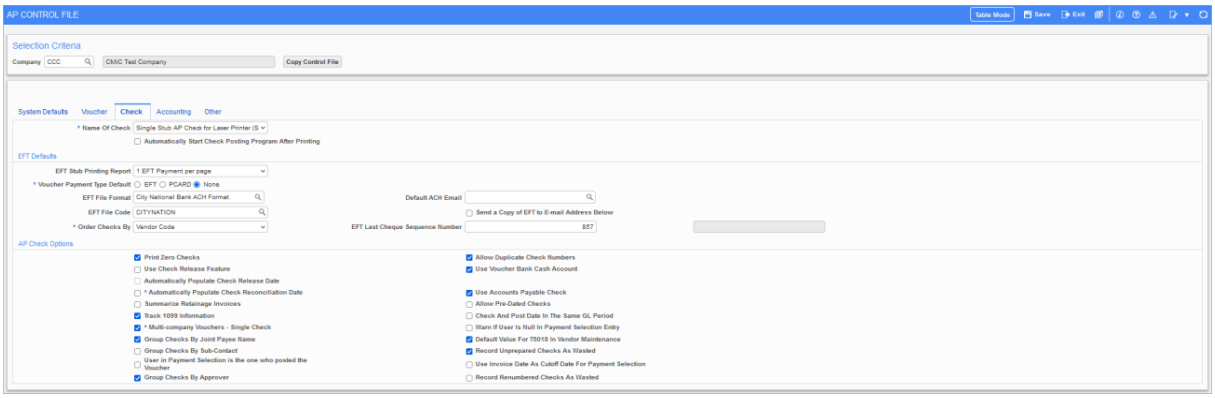
Accounts Payable > Setup > Local Tables > Control File – Check tab

Unprepared Checks for selection code P3.



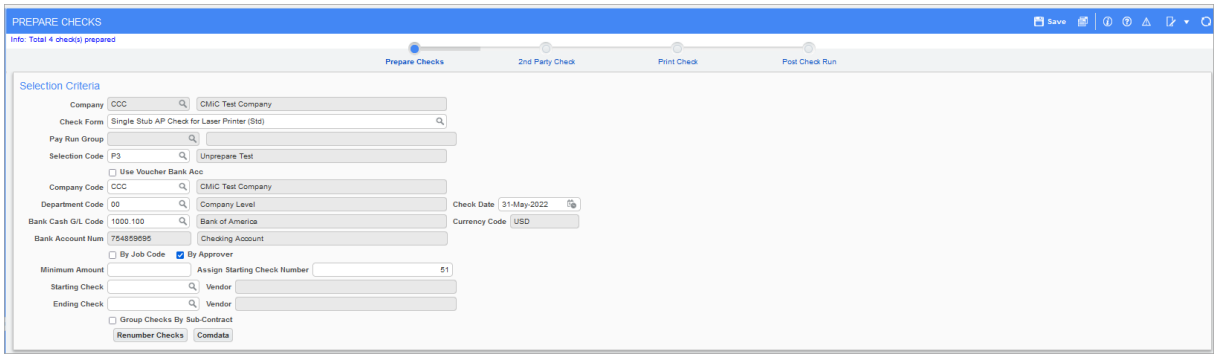
Accounts Payable > Utilities > Unprepare Checks

EFT Last Check Sequence number is still 857.

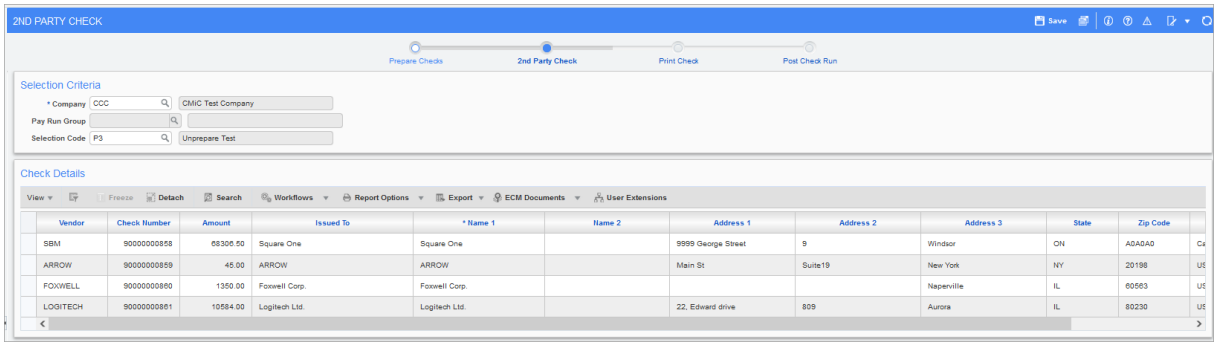


Accounts Payable > Setup > Local Tables > Control File – Check tab

Prepare Checks for selection code P3.

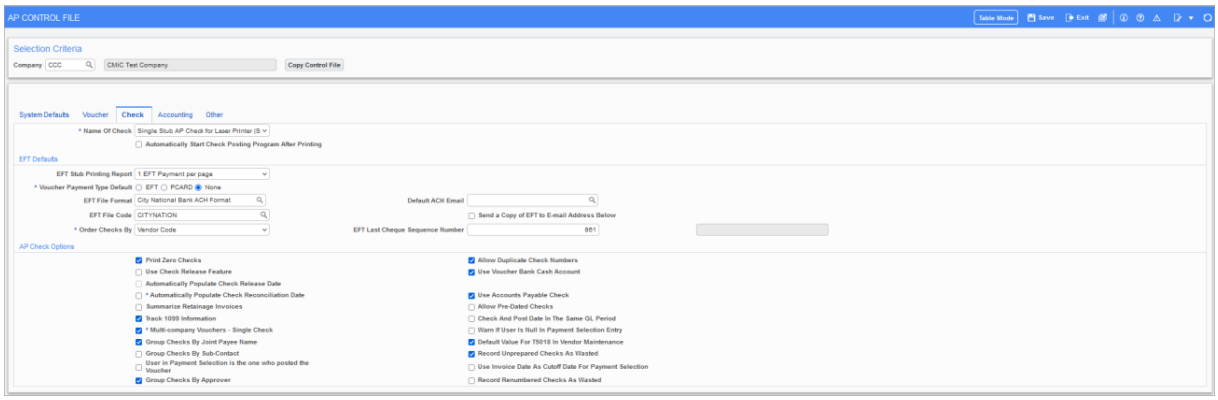


Accounts Payable > Payment > Print Checks – Prepare Checks



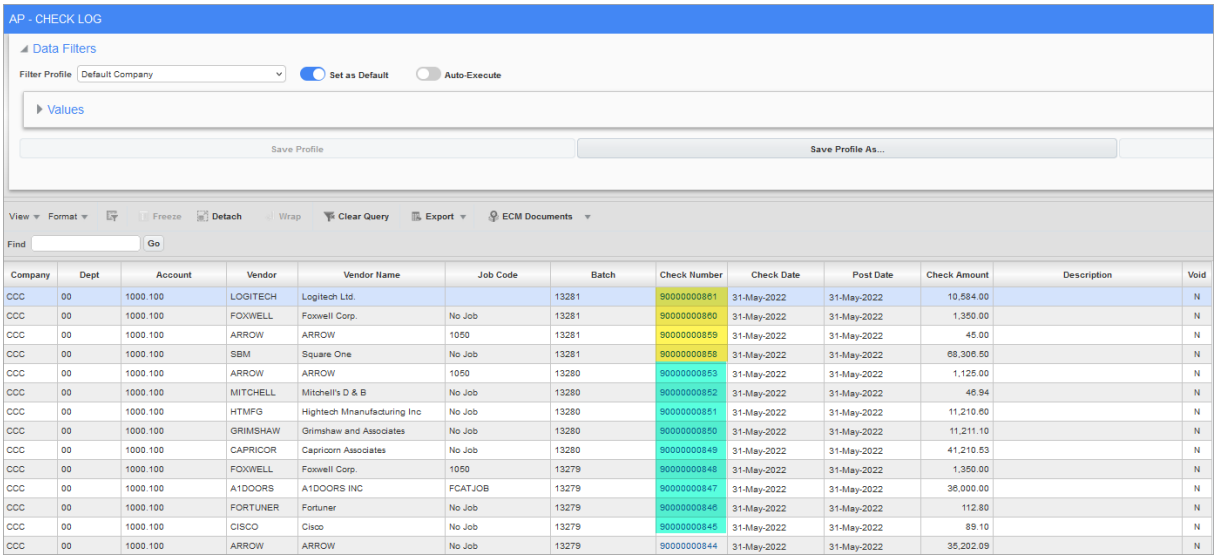
Accounts Payable > Payment > Print Checks – 2nd Party Checks

EFT Last Check sequence number is control file is updated to 861.



Accounts Payable > Setup > Local Tables > Control File – Check tab

If Checks are unprepared, unprepared check numbers will be skipped.

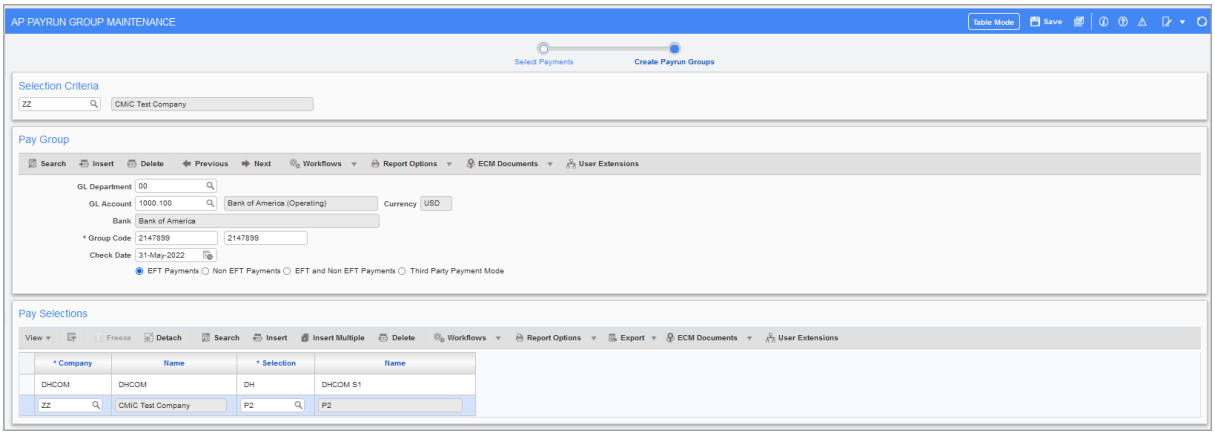


Company	Dept	Account	Vendor	Vendor Name	Job Code	Batch	Check Number	Check Date	Post Date	Check Amount	Description	Void
CCC	00	1000.100	LOGITECH	Logitech Ltd.		13281	90000000861	31-May-2022	31-May-2022	10,584.00		N
CCC	00	1000.100	FOXWELL	Foxwell Corp.	No Job	13281	90000000860	31-May-2022	31-May-2022	1,350.00		N
CCC	00	1000.100	ARROW	ARROW	1050	13281	90000000859	31-May-2022	31-May-2022	45.00		N
CCC	00	1000.100	SBM	Square One	No Job	13281	90000000858	31-May-2022	31-May-2022	68,306.50		N
CCC	00	1000.100	ARROW	ARROW	1050	13280	90000000853	31-May-2022	31-May-2022	1,125.00		N
CCC	00	1000.100	MITCHELL	Mitchell's D & B	No Job	13280	90000000852	31-May-2022	31-May-2022	46.94		N
CCC	00	1000.100	HTMFG	Hightech Mnanufacturing Inc	No Job	13280	90000000851	31-May-2022	31-May-2022	11,210.60		N
CCC	00	1000.100	GRIMSHAW	Grimshaw and Associates	No Job	13280	90000000850	31-May-2022	31-May-2022	11,211.10		N
CCC	00	1000.100	CAPRICOR	Capricorn Associates	No Job	13280	90000000849	31-May-2022	31-May-2022	41,210.53		N
CCC	00	1000.100	FOXWELL	Foxwell Corp.	1050	13279	90000000848	31-May-2022	31-May-2022	1,350.00		N
CCC	00	1000.100	A1DOORS	A1DOORS INC	FCATJOB	13279	90000000847	31-May-2022	31-May-2022	36,000.00		N
CCC	00	1000.100	FORTUNER	Fortuner	No Job	13279	90000000846	31-May-2022	31-May-2022	112.80		N
CCC	00	1000.100	CISCO	Cisco	No Job	13279	90000000845	31-May-2022	31-May-2022	89.10		N
CCC	00	1000.100	ARROW	ARROW	No Job	13279	90000000844	31-May-2022	31-May-2022	35,202.09		N

AP Check Logs

Pay Run Group

Selection code is selected from DHCOM and ZZ company for pay run group 2147899.



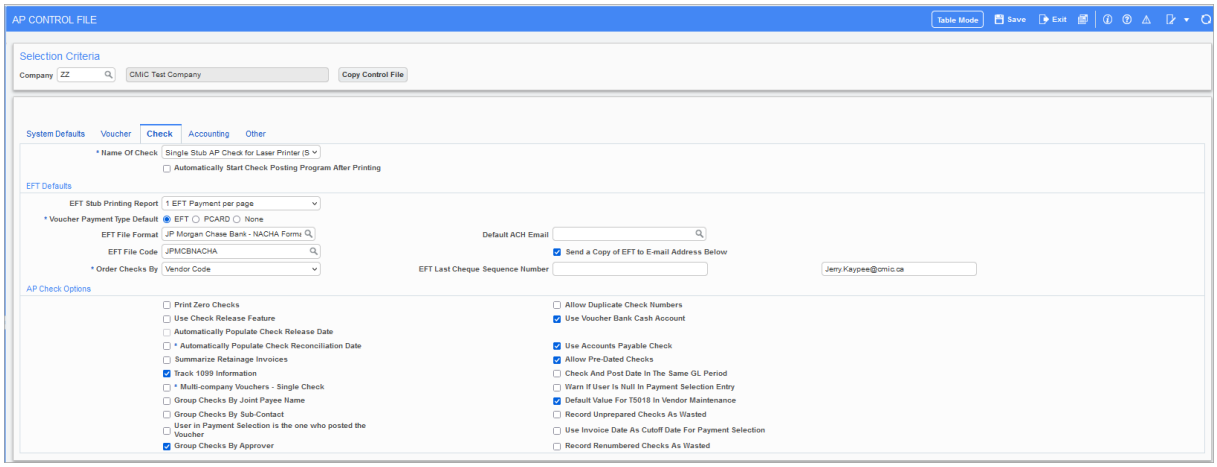
Accounts Payable > Payment > Select Payments – Pay Run group

EFT Last Check Sequence number:

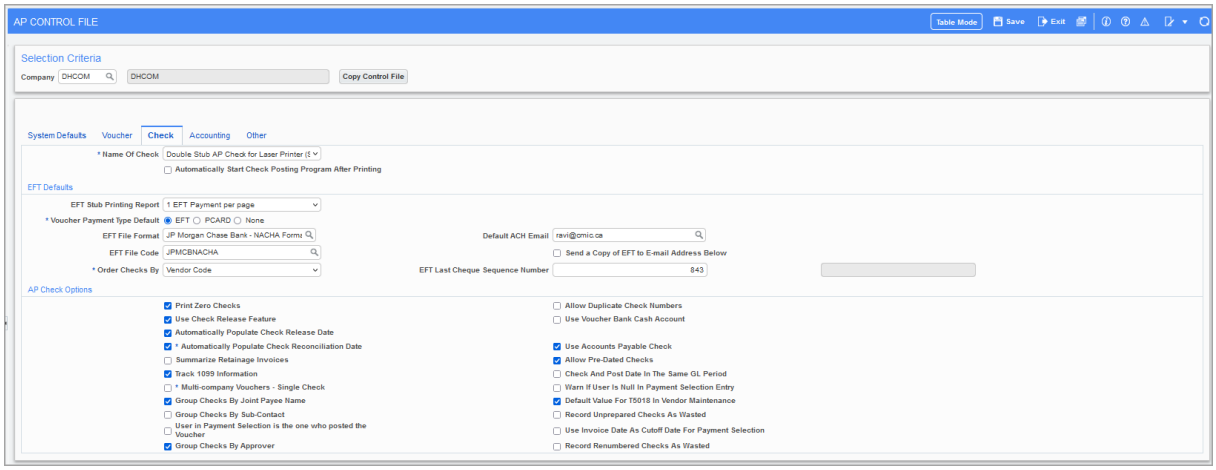
DHCOM – 843

ZZ – NULL

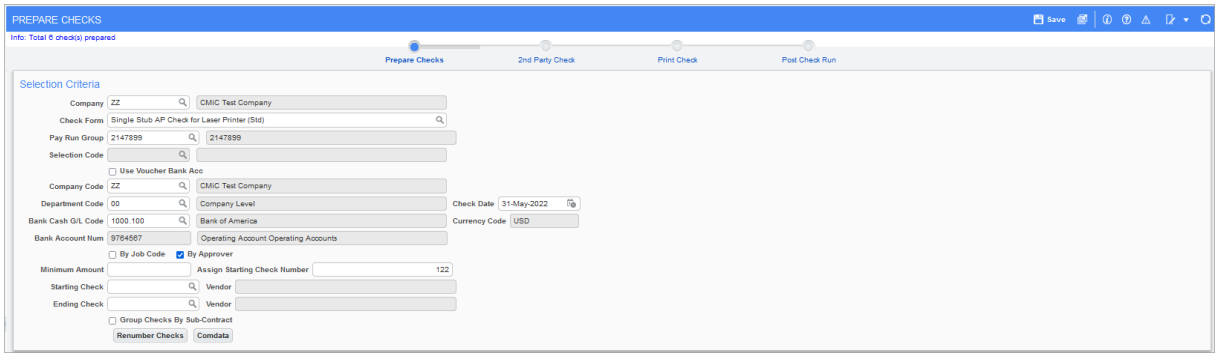
In the pay run group, paying company is ZZ. System will use EFT last check sequence number from ZZ company control file. Since, the value is NULL, system will start numbering from 1.



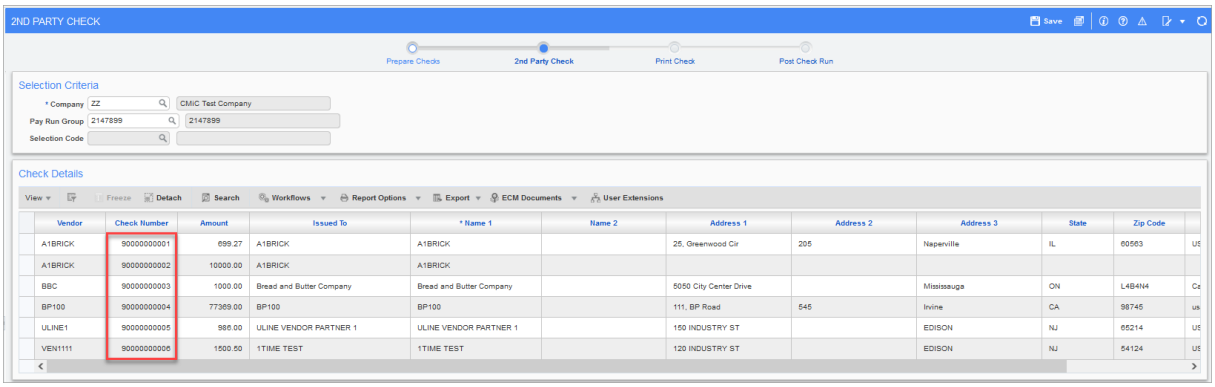
Accounts Payable > Setup > Local Tables > Control File – Check tab



Accounts Payable > Setup > Local Tables > Control File – Check tab



Accounts Payable > Payment > Print Checks – Prepare Checks



Accounts Payable > Payment > Print Checks – 2nd Party Check

EFT Notification Email - Customization (21.51322)

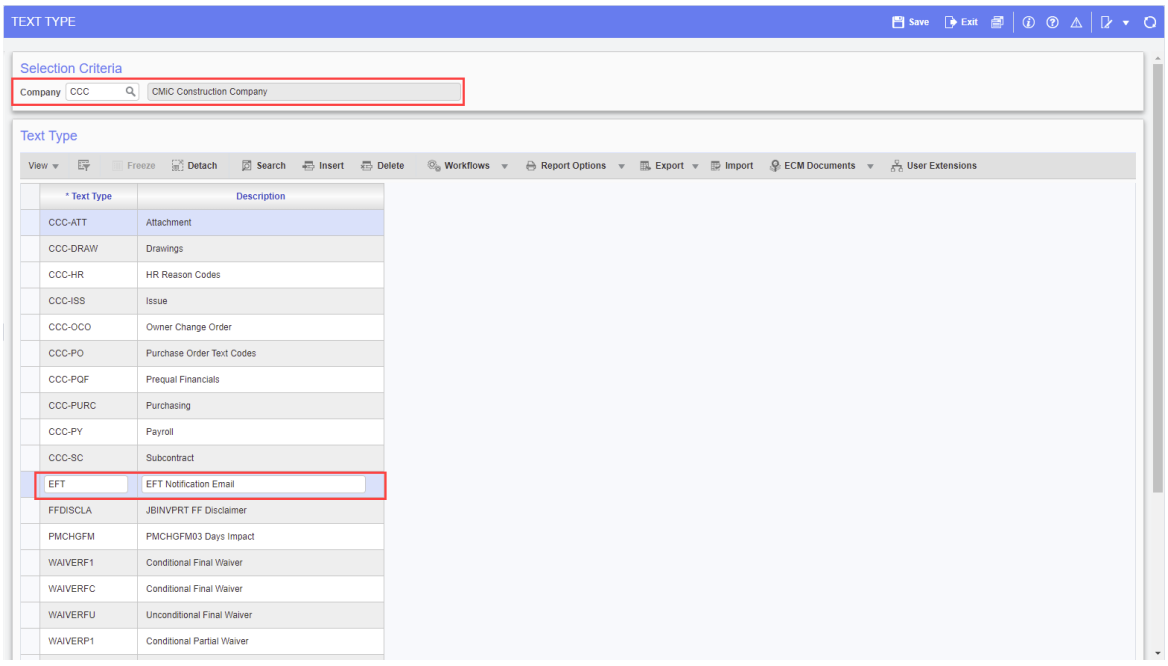
This enhancement is to pull the EFT notification email content from the TEXT Code Program and allow users to customize their EFT email notification Subject and Body.

Modifications:

1. The Attachment file name has been changed from APEFT to Vendorname.dateofeftfile- Example: BlockIron.20210806
2. The Email Subject line is being pulled from the Text Code ‘Subject’ in TEXTFM Program
3. The Email Body is being pulled from the Text Code ‘Email Body’ in TEXTFM Program

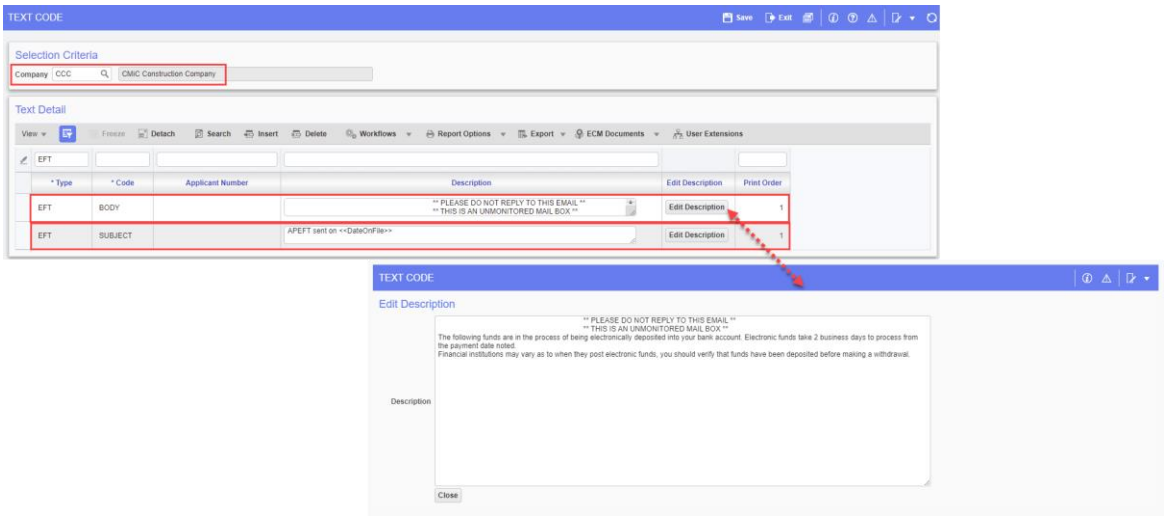
Following shows the modifications performed:

A new Text Type is added for EFT Notification Email



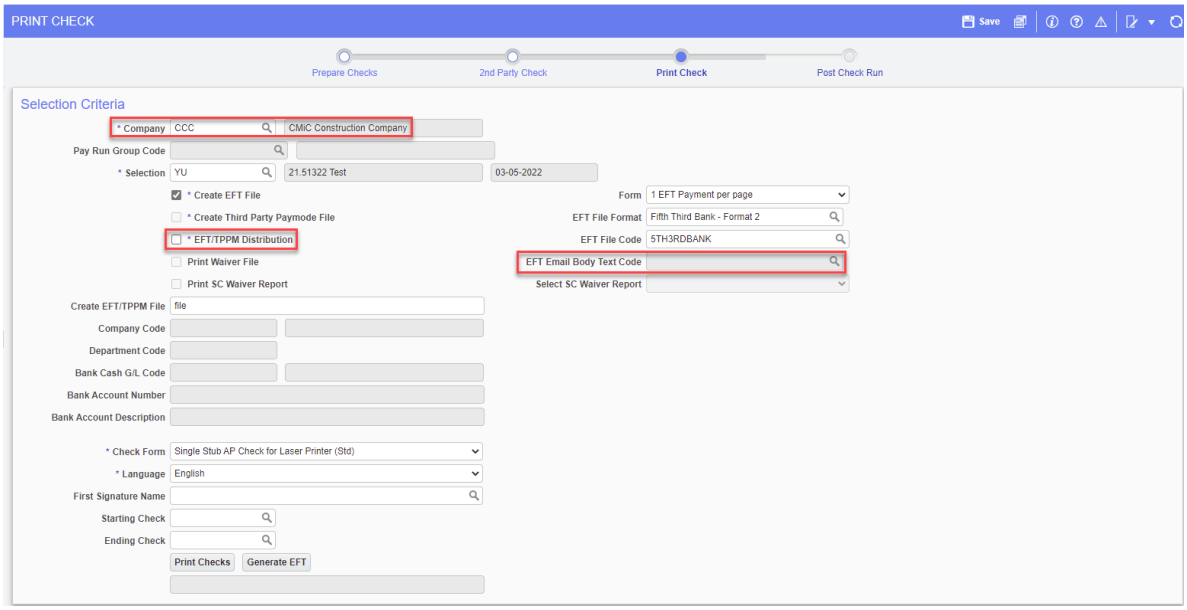
Two new Text Codes have been created:

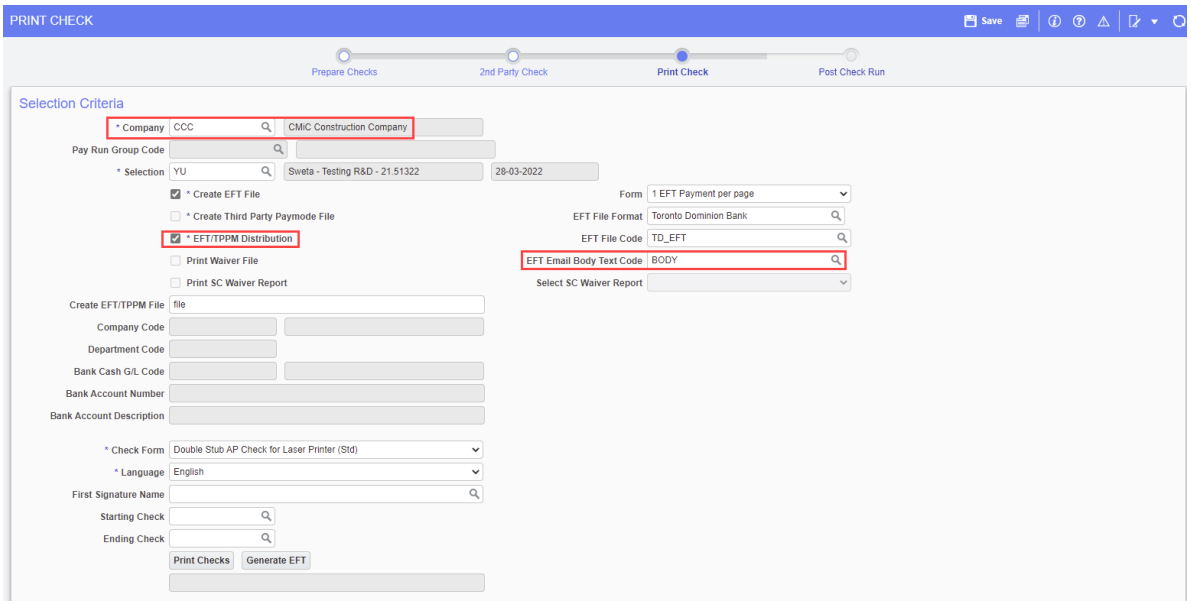
1. Subject
2. Body



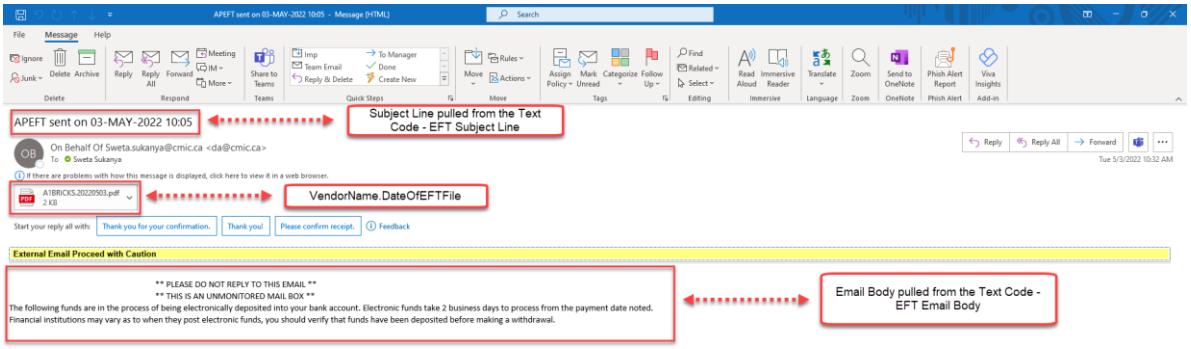
On the Print Checks screen, there is an option to select EFT Email Body. As some of the clients process PY checks from AP, this field ‘EFT Email Body Text Code’ gives an option to choose a different email body.

‘EFT Email Body Text Code’ field gets enabled when ‘EFT/TPPM Distribution’ checkbox is checked.





Below is an example of the **EFT notification email** content.



Privilege to Edit Discount Amount through Adjust Voucher Status (21.51508)

This enhancement is designed to give User a new privilege to change the discount amount through the Adjust Voucher Status program.

Modifications:

A New privilege ‘APVOUDISC’ has been added. This privilege is required to be able to update the discount amount on Adjust voucher status screen.

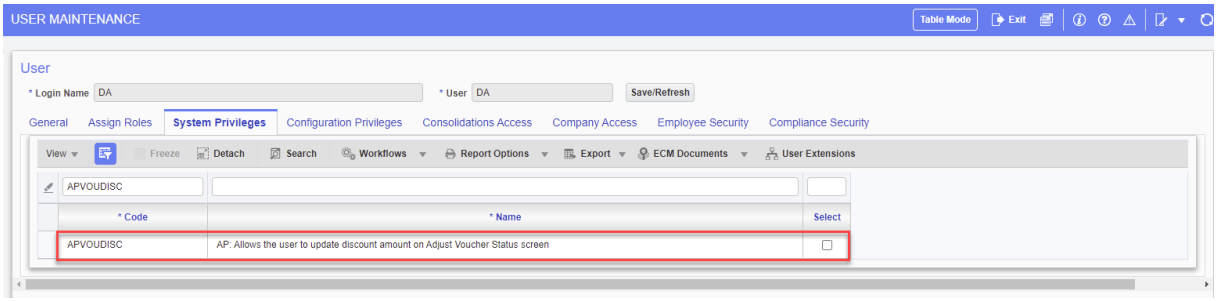
Once the privilege has been given to the user, only for the open unpaid invoices (Not Partially/Fully paid) i,e vouchers that do not have any previous paid amount , discount amount field will be enabled in the Adjust voucher status screen.

It is also required that in AP Control File options under Voucher tab, the Invoice Method is set to GROSS method. In case it is set to NET Method, the discount amount field will not be made available for update.

Also, this field will be enabled only for Normal vouchers.

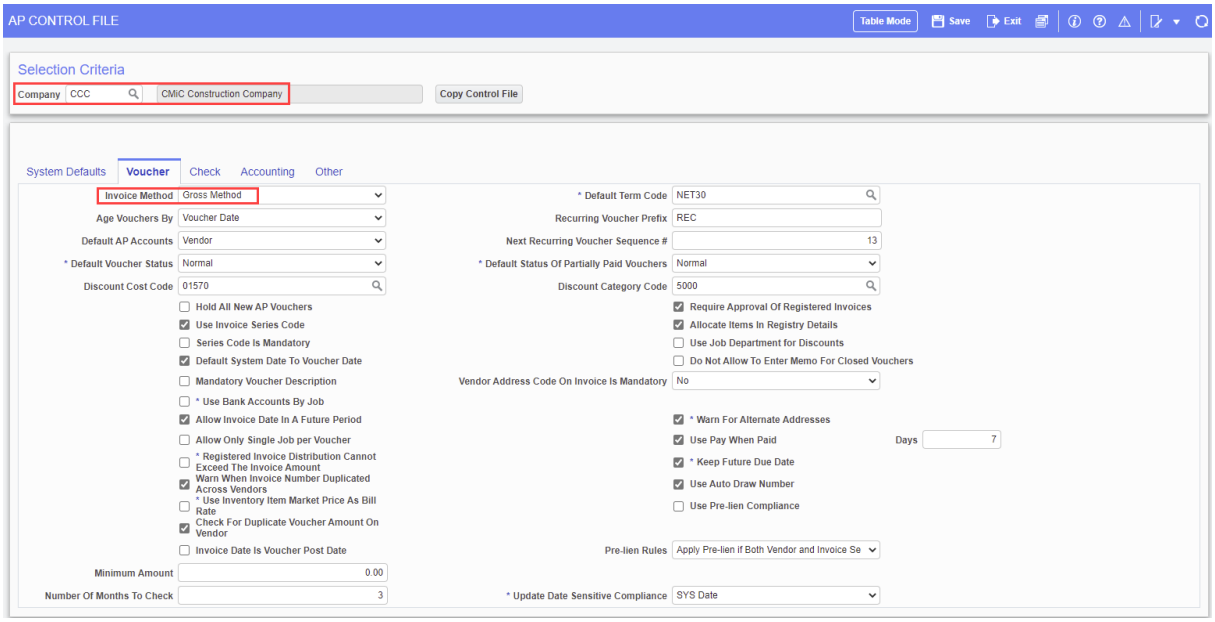
Following shows the modifications performed:

New privilege ‘APVOUDISC’ required to be able to update the discount amount on Adjust voucher status screen.



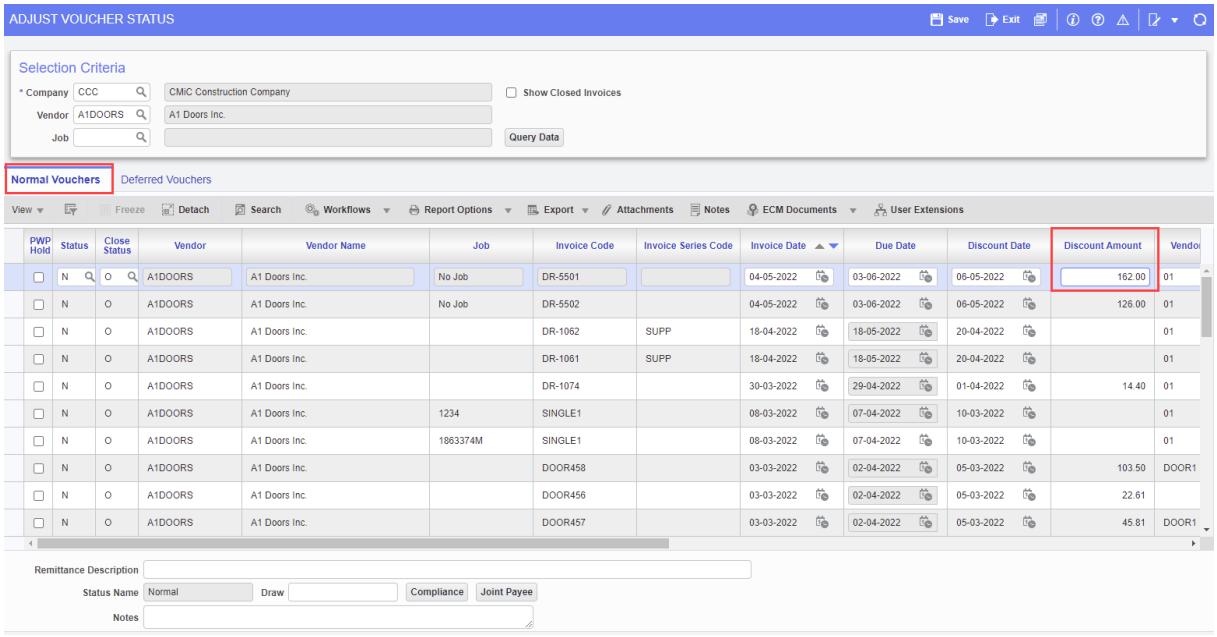
Path: System Data < Security < Users < User Maintenance

AP Control File options under Voucher tab, the Invoice Method should be set to GROSS method.



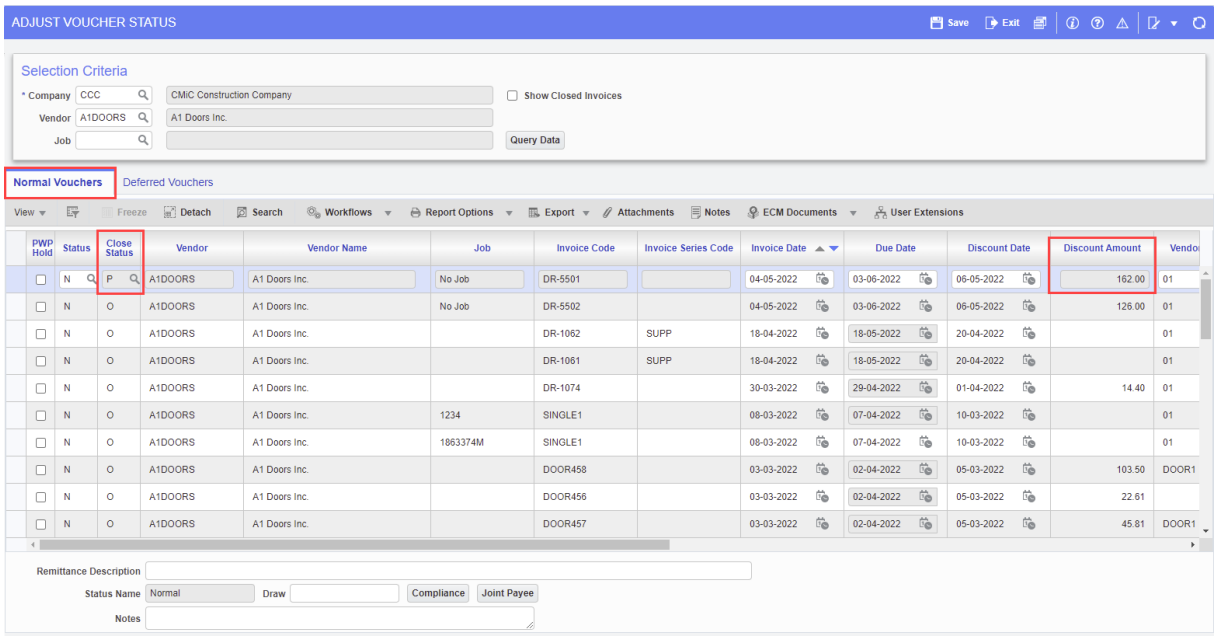
Path: AP < Setup < Local Tables < Control File Options

Once the privilege has been given to the user, only for the open unpaid invoices (Not Partially/Fully paid) i,e vouchers that do not have any previous paid amount , discount amount field will be enabled in the Adjust voucher status screen.

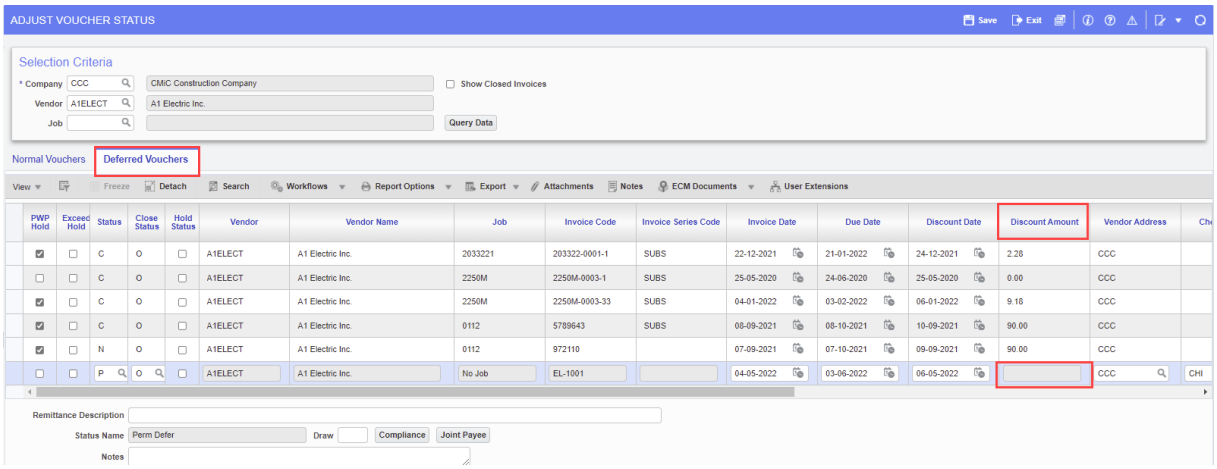


Path: AP < Payment < Adjust Voucher Status

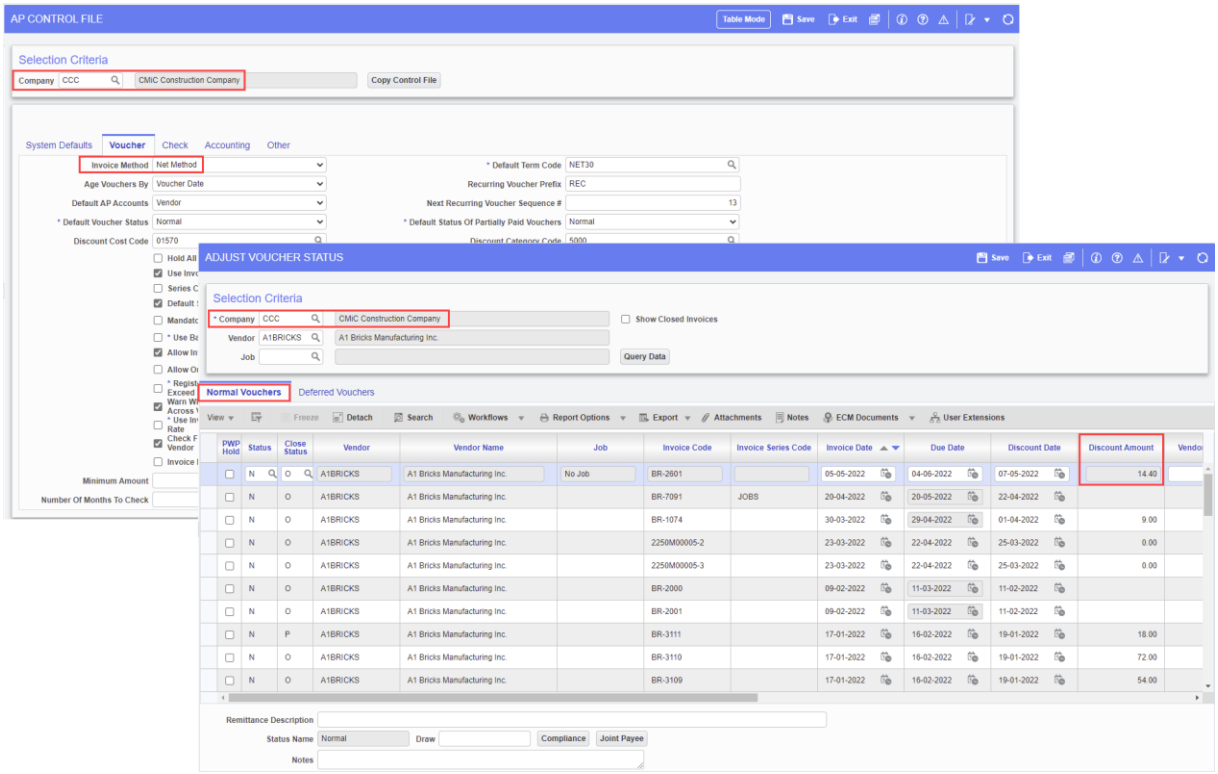
For Partial Paid Vouchers the Discount Amount field will not be enabled with the privilege ‘APVOUDISC’.



For Deferred Vouchers the discount Amount field will not be enabled even with the privilege ‘APVOUDISC’.



When the Invoice Method is set to ‘Net Method’, the Discount field will remain disabled even with the privilege ‘APVOUDISC’.



'Vendor Name' Added to the List of Available Columns in 'Vendor Pick-List' Selection Criteria (22.53854)

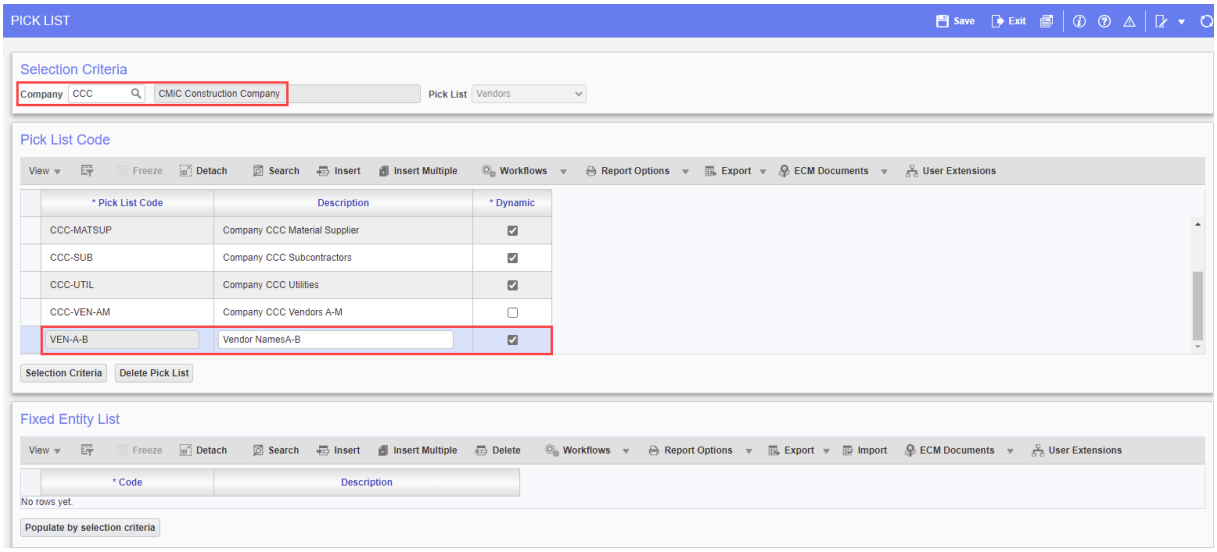
'Vendor Name' added to the list of available columns in 'Vendor pick-list' selection criteria. (13.81450 was a customization for Pomerleau in V10 Forms, needs to be brought to R12 as well.)

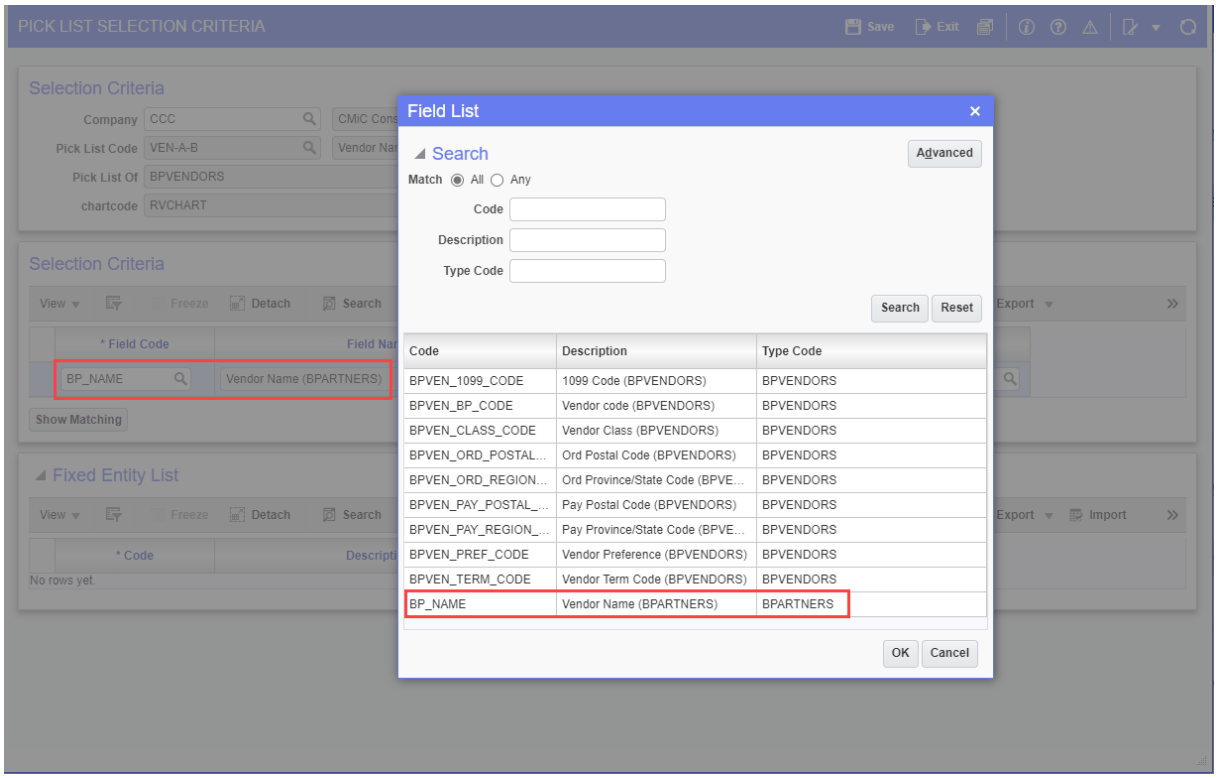
Modifications:

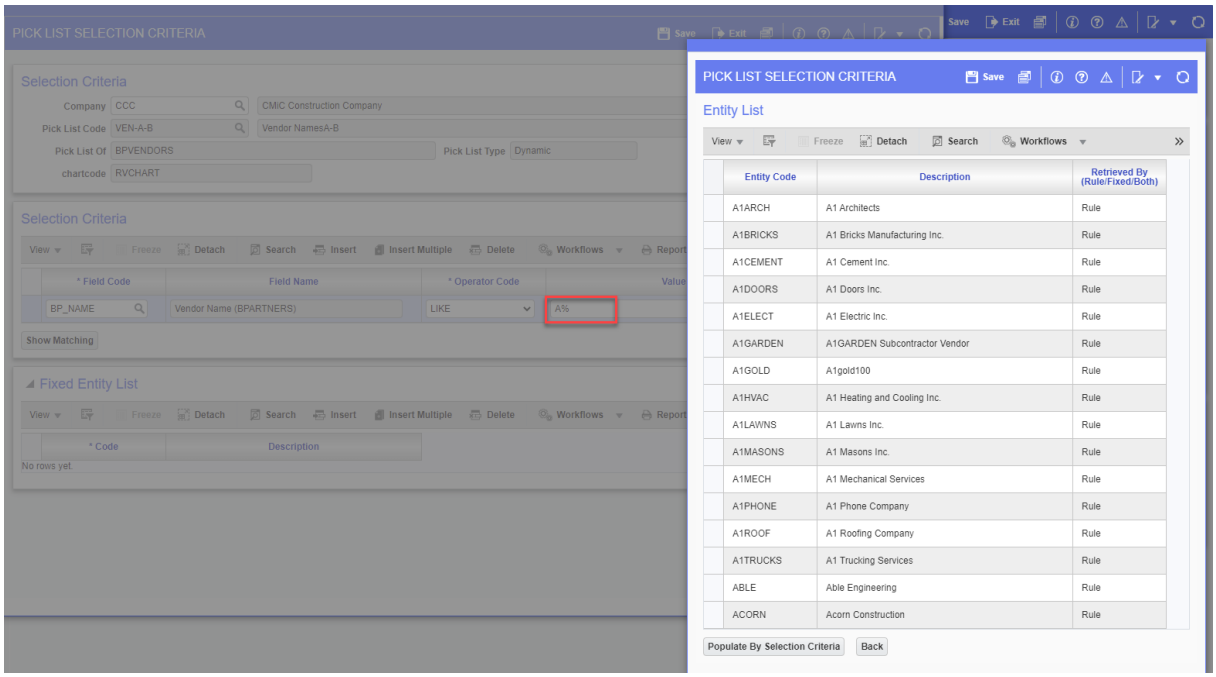
It may be necessary to have vendor pick-list based on the starting alphabet of vendor names to group the vendors for reporting/querying purposes.

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

Modification with an example:







Record Renumbered Checks as Wasted (21.50780)

This enhancement is to maintain a proper Audit Trail of automatic check numbers generated/consumed by the system when the Checks are Renumbered.

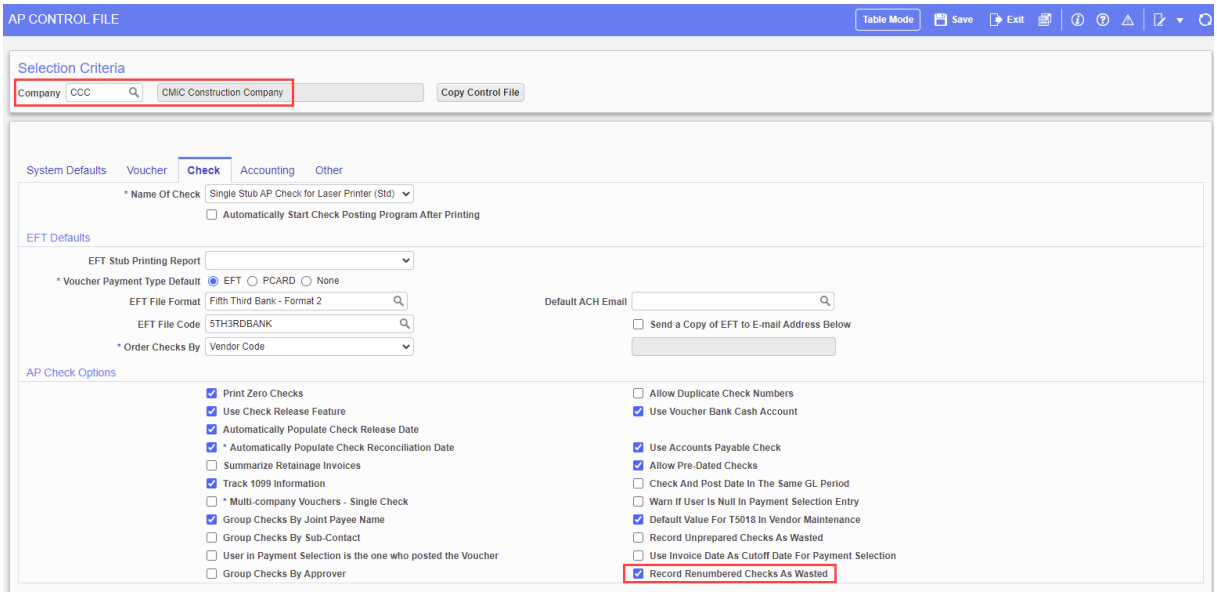
Modifications:

A new flag “Record Renumbering Checks As Wasted” has been added on AP control file under Check tab. By default, this flag will be unchecked. User will have to check this option manually.

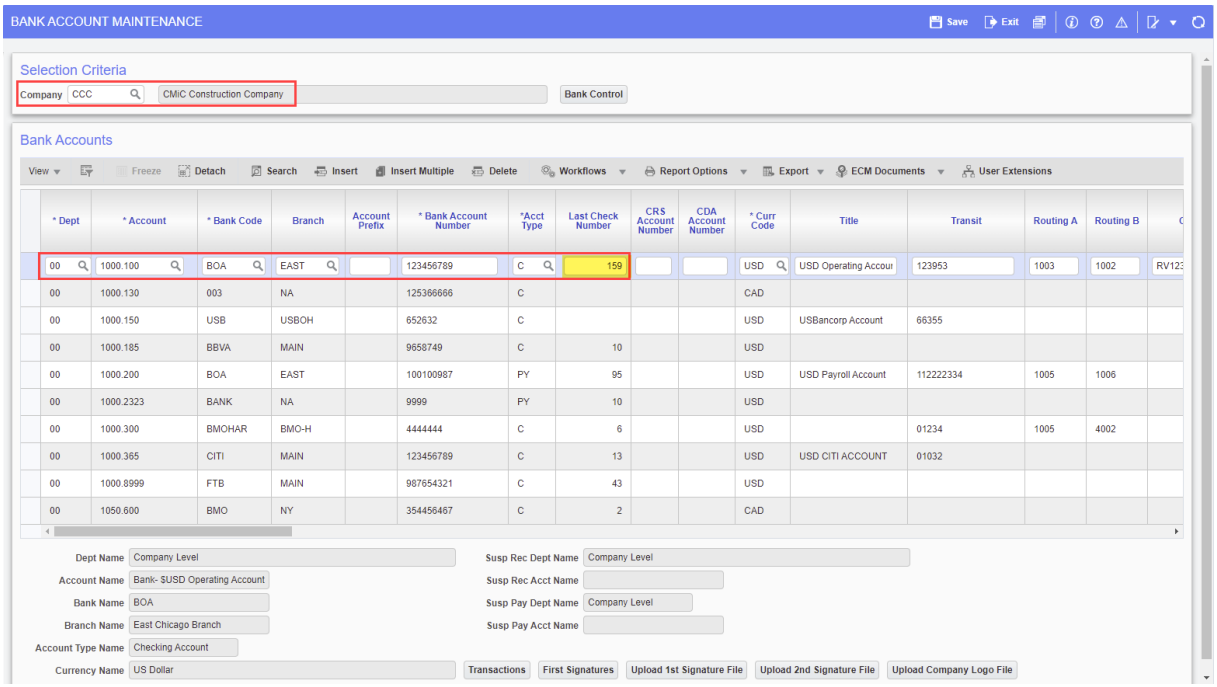
This flag when checked, records the renumbering checks as Wasted Checks.

Following shows the modifications performed:

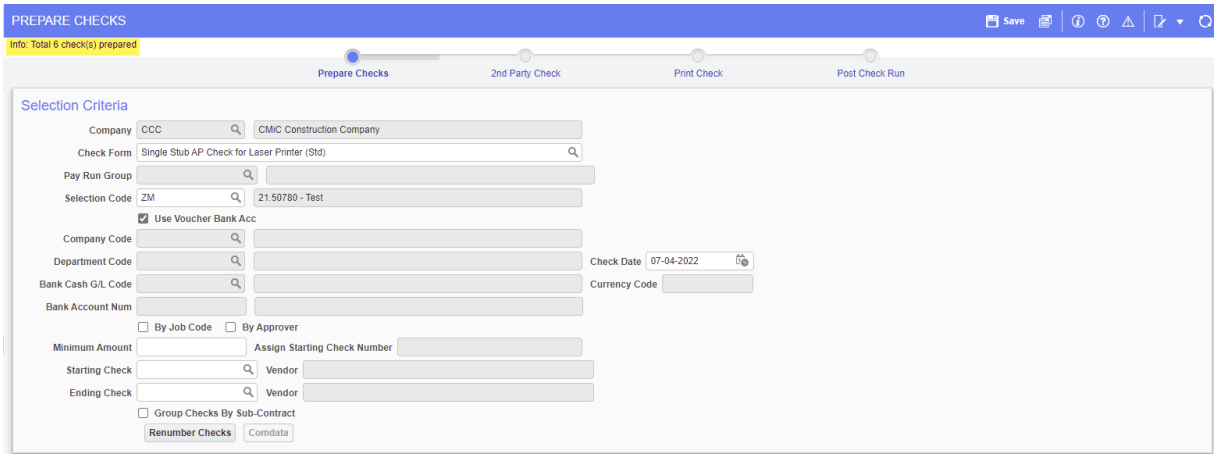
New flag “Record Renumbering Checks As Wasted” added on AP control file under Check tab. By default, this flag will be unchecked. User will have to check this option manually.



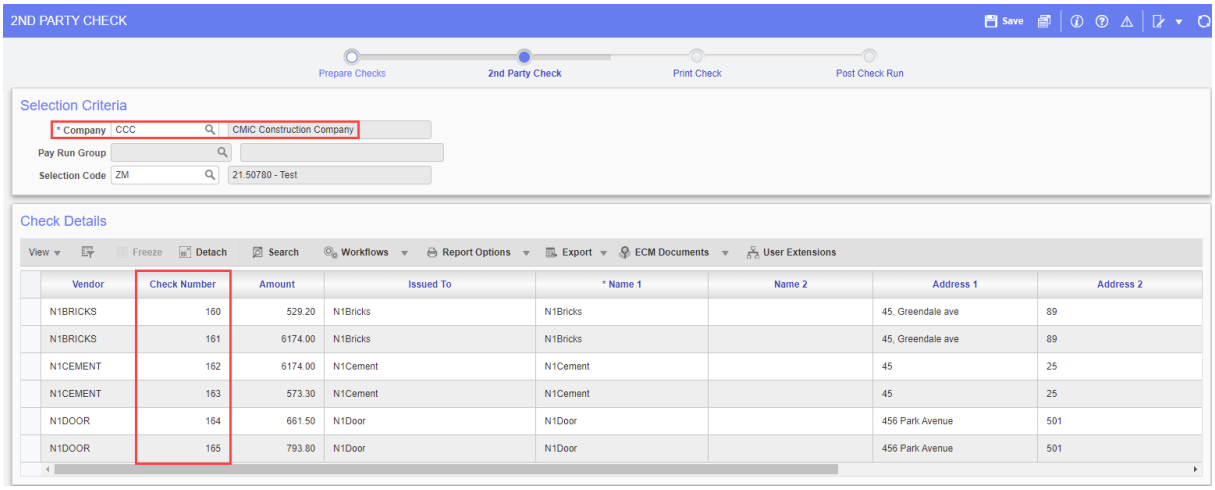
The Last Check Number on the Account 1000.100 is 159.



Check is prepared for Selection Code: ZM.

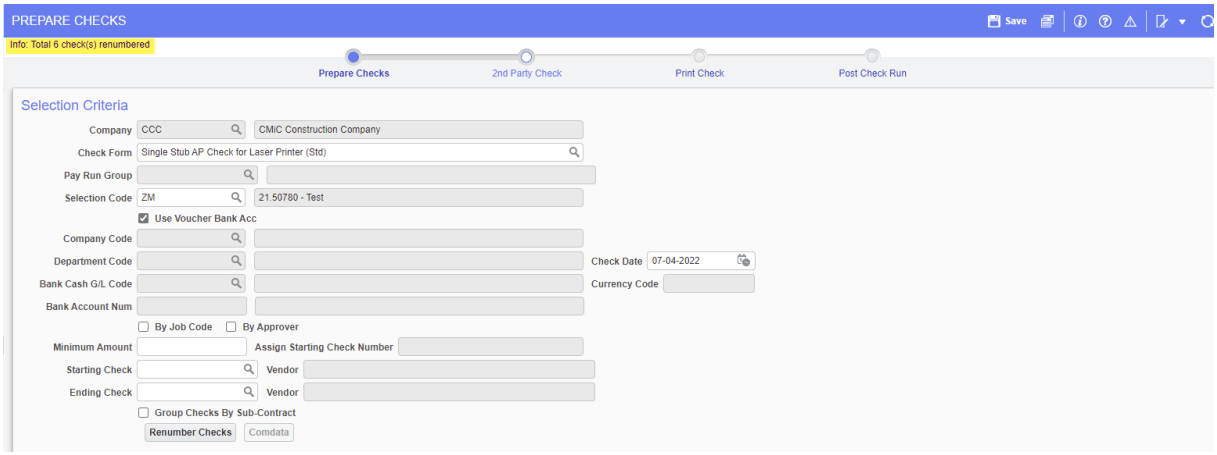


The System picks up Check#160 as expected. Six checks are generated 160,161, 162, 163, 164, 165.

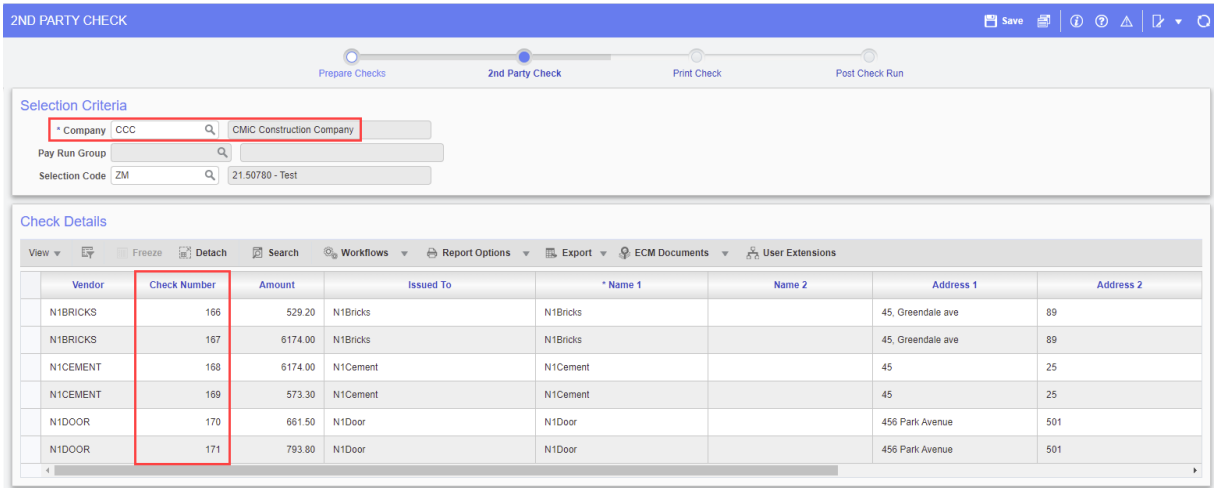


Vendor	Check Number	Amount	Issued To	* Name 1	Name 2	Address 1	Address 2
N1BRICKS	160	529.20	N1Bricks	N1Bricks		45, Greendale ave	89
N1BRICKS	161	6174.00	N1Bricks	N1Bricks		45, Greendale ave	89
N1CEMENT	162	6174.00	N1Cement	N1Cement		45	25
N1CEMENT	163	573.30	N1Cement	N1Cement		45	25
N1DOOR	164	661.50	N1Door	N1Door		456 Park Avenue	501
N1DOOR	165	793.80	N1Door	N1Door		456 Park Avenue	501

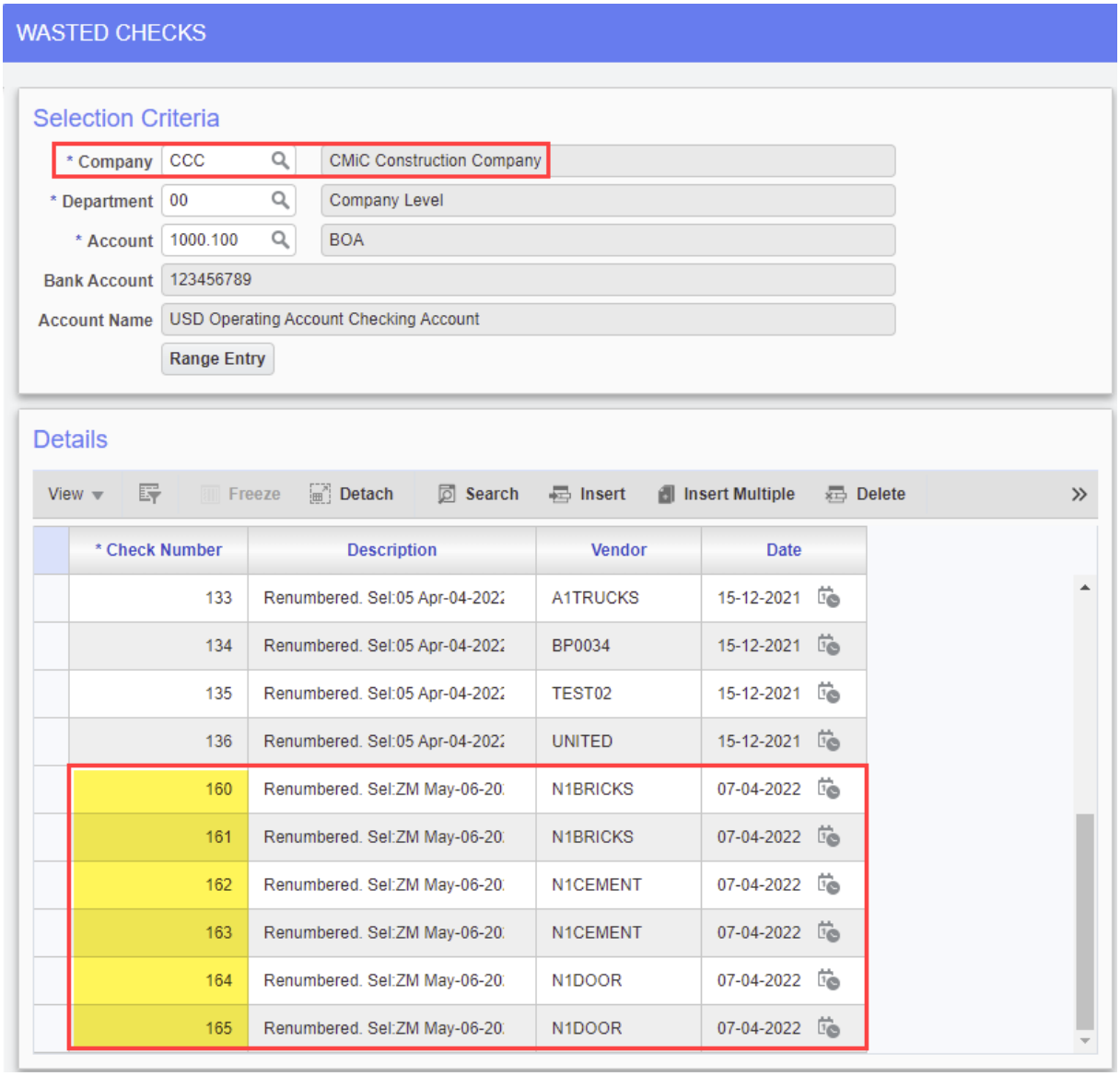
Checks are Renumbered for Selection Code: ZM.



Checks got renumbered starting from #166 as expected.



Six checks that got renumbered: 160,161, 162, 163, 164, 165 are present in Wasted Checks for Audit Trail purpose.



New `Include Deposit' Flag in AP Aging Summary Report AP1000S (21.50840)

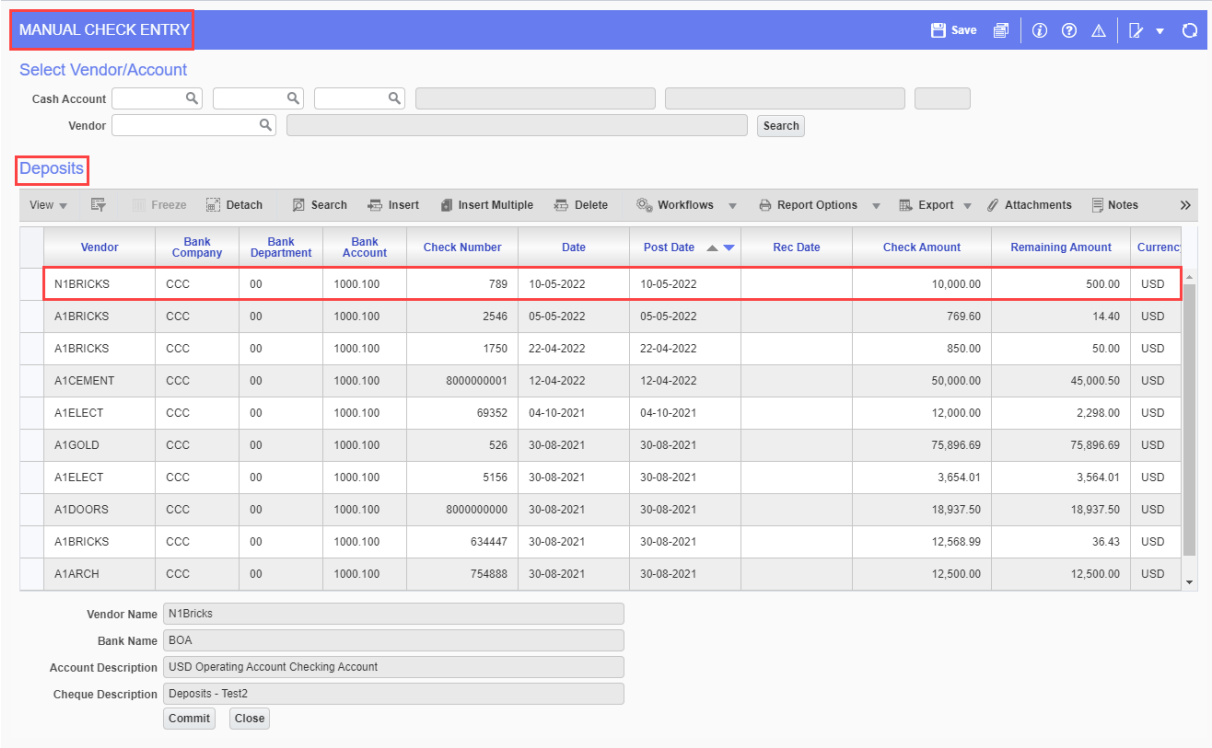
New `Include Deposit' flag added in AP Aging Summary Report AP1000S

Modifications:

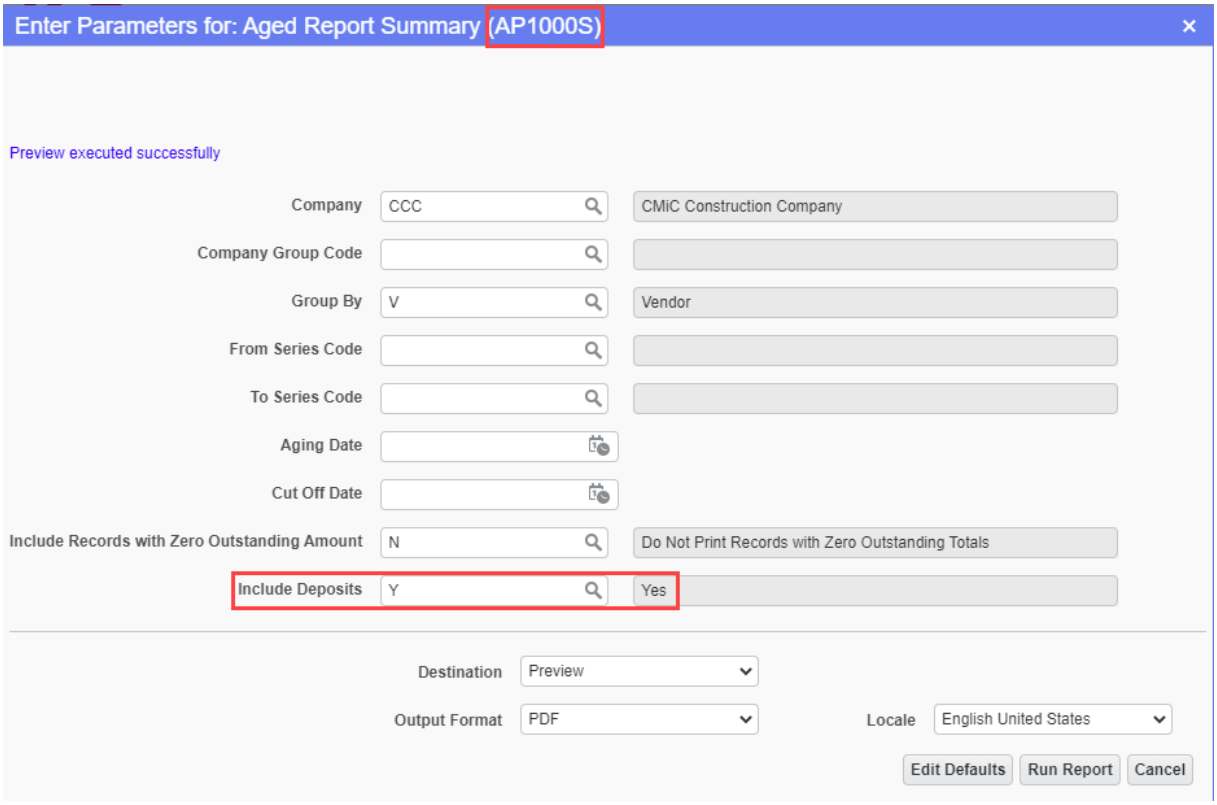
Include Deposit LOV parameter has been added in the AP Aging Summary Report AP1000S.

Following shows the modifications performed with example:

As shown below a Deposit is created for Vendor: N1Bricks for $500.00.



Run the ‘AP Aging Summary Report AP1000S’ with the ‘Include Deposit’ as Y.



As marked below, the Deposit entered for Vendor N1Bricks populates in the ‘AP Aging Summary Report AP1000S’.

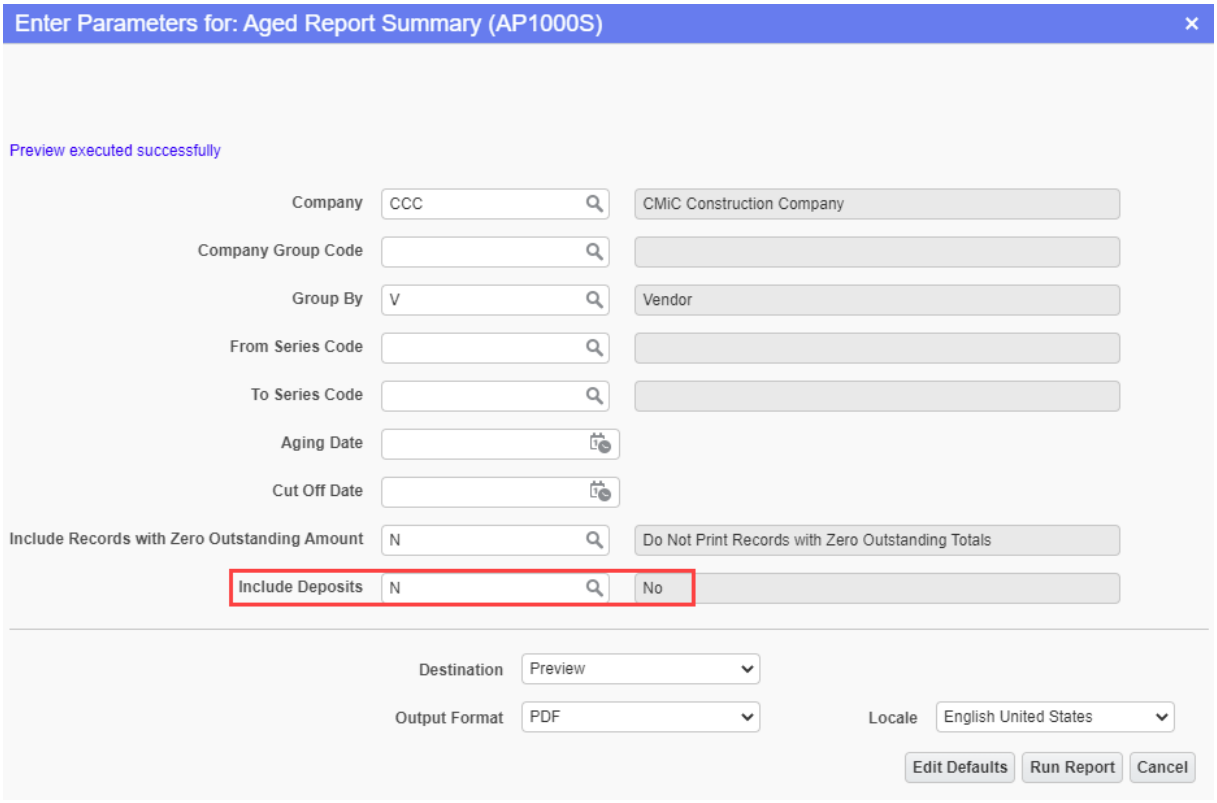
CCC - CMiC Construction Company

ACCOUNTS PAYABLE - A/P AGED REPORT - SUMMARY

Page: 2 of 3
Date: May 10, 2022
Time: 11:27 AM EDT

Vendor	Name	Current	31-60	61-90	Over 90	Discount	Outstanding Retainage	Total
Currency	USD USD							
100	new	0.00	0.00	0.00	27.00	0.00	3.00	27.00
1TIME	1 Time	0.00	0.00	0.00	13,430.44	0.00	100.00	13,430.44
A1ARCH	A1 Architects	113.04	0.00	0.00	-1,925.48	2.31	2,574.47	-1,812.44
A1BRICKS	A1 Bricks Manufacturing Inc.	112,935.60	1,277.90	0.00	1,481,600.95	52.63	39,076.08	1,595,814.45
A1CEMENT	A1 Cement Inc.	-28,230.00	1,655.79	0.00	311,626.80	0.00	23,510.19	285,052.59
A1DOORS	A1 Doors Inc.	0.00	779.40	14,062.16	213,109.41	0.00	17,996.97	227,950.97
A1ELECT	A1 Electric Inc.	9,910.00	0.00	0.00	105,044.77	90.00	17,671.13	114,954.77
A1GARDEN	A1GARDEN Subcontractor Vendor	0.00	405.00	0.00	52,741.23	0.00	5,881.34	53,146.23
A1GOLD	A1gold100	0.00	0.00	0.00	-16,454.38	0.00	5,998.59	-16,454.38
A1HVAC	A1 Heating and Cooling Inc.	0.00	0.00	0.00	77,745.50	0.00	8,248.55	77,745.50
A1LAWNS	A1 Lawns Inc.	0.00	0.00	0.00	11,570.20	0.00	3,092.37	11,570.20
A1MASONS	A1 Masons Inc.	0.00	45.00	0.00	82,613.99	0.00	4,886.40	82,658.99
A1MECH	A1 Mechanical Services	0.00	0.00	0.00	20,724.09	0.00	430.00	20,724.09
A1PHONE	A1 Phone Company	0.00	0.00	0.00	8,410.49	0.00	0.00	8,410.49
A1ROOF	A1 Roofing Company	13,500.00	0.00	0.00	262,170.31	0.00	30,180.18	275,670.31
A1TRUCKS	A1 Trucking Services	0.00	0.00	0.00	2,194.55	0.00	230.00	2,194.55
A2TILE	A2 Tiles	4,500.00	0.00	0.00	0.00	0.00	500.00	4,500.00
ABLE	Able Engineering	0.00	0.00	0.00	1,857.76	0.00	0.00	1,857.76
ACORN	Acorn Construction	0.00	0.00	0.00	12,458.00	0.00	0.00	12,458.00
B1BRICKS	BRICKS MANUFACTURING	0.00	0.00	0.00	100.00	0.00	0.00	100.00
CTI	Cons Testing & Inspection	36,000.00	262,359.00	11,286.00	0.00	0.00	95,119.40	309,645.00
DELTA	DELTALINK	0.00	0.00	0.00	68,288.39	0.00	7,587.60	68,288.39
DWCRANE	DW Crane Ltd	0.00	223,682.40	22,950.00	10,800.00	0.00	84,261.80	257,432.40
FAIRVIEW	FAIRVIEW Resorts	0.00	0.00	0.00	1,000.99	0.00	0.00	1,000.99
FTB	FTB Vendor	0.00	0.00	0.00	99.00	0.00	0.00	99.00
LG	LGT	19,800.00	0.00	0.00	0.00	0.00	2,200.00	19,800.00
METALCO	METALCO	0.00	0.00	25,920.00	34,731.80	0.00	8,857.00	60,651.80
N1BRICKS	N1Bricks	-500.00	6,840.00	0.00	0.00	0.00	760.00	6,340.00
N1CEMENT	N1Cement	0.00	6,885.00	0.00	0.00	0.00	765.00	6,885.00
N1DOOR	N1Door	0.00	1,485.00	85,950.00	75,654.00	0.00	18,121.00	163,089.00

Run the ‘AP Aging Summary Report AP1000S’ with the ‘Include Deposit’ as N.



As marked below, the Deposit entered for Vendor N1Bricks does NOT populates in the ‘AP Aging Summary Report AP1000S’ as the ‘Include Deposits’ parameter is set ‘N’ this time.

CCC - CMiC Construction Company

ACCOUNTS PAYABLE - A/P AGED REPORT - SUMMARY

Page: 2 of 3
Date: May 10, 2022
Time: 11:31 AM EDT

Vendor	Name	Current	31-60	61-90	Over 90	Discount	Outstanding Retainage	Total
Currency	USD USD							
100	new	0.00	0.00	0.00	27.00	0.00	3.00	27.00
1TIME	1 Time	0.00	0.00	0.00	13,430.44	0.00	100.00	13,430.44
A1ARCH	A1 Architects	113.04	0.00	0.00	10,574.52	2.31	2,574.47	10,687.56
A1BRICKS	A1 Bricks Manufacturing Inc.	113,000.00	1,277.90	0.00	1,481,637.38	52.63	39,076.08	1,595,915.28
A1CEMENT	A1 Cement Inc.	16,770.50	1,655.79	0.00	311,626.80	0.00	23,510.19	330,053.09
A1DOORS	A1 Doors Inc.	0.00	779.40	14,062.16	232,046.91	0.00	17,996.97	246,888.47
A1ELECT	A1 Electric Inc.	9,910.00	0.00	0.00	110,906.78	90.00	17,671.13	120,816.78
A1GARDEN	A1GARDEN Subcontractor Vendor	0.00	405.00	0.00	52,741.23	0.00	5,881.34	53,146.23
A1GOLD	A1gold100	0.00	0.00	0.00	59,442.31	0.00	5,998.59	59,442.31
A1HVAC	A1 Heating and Cooling Inc.	0.00	0.00	0.00	77,745.50	0.00	8,248.55	77,745.50
A1LAWNS	A1 Lawns Inc.	0.00	0.00	0.00	11,570.20	0.00	3,092.37	11,570.20
A1MASONS	A1 Masons Inc.	0.00	45.00	0.00	82,613.99	0.00	4,886.40	82,658.99
A1MECH	A1 Mechanical Services	0.00	0.00	0.00	20,724.09	0.00	430.00	20,724.09
A1PHONE	A1 Phone Company	0.00	0.00	0.00	8,410.49	0.00	0.00	8,410.49
A1ROOF	A1 Roofing Company	13,500.00	0.00	0.00	262,170.31	0.00	30,180.18	275,670.31
A1TRUCKS	A1 Trucking Services	0.00	0.00	0.00	2,194.55	0.00	230.00	2,194.55
A2TILE	A2 Tiles	4,500.00	0.00	0.00	0.00	0.00	500.00	4,500.00
ABLE	Able Engineering	0.00	0.00	0.00	1,857.76	0.00	0.00	1,857.76
ACORN	Acorn Construction	0.00	0.00	0.00	12,458.00	0.00	0.00	12,458.00
B1BRICKS	BRICKS MANUFACTURING	0.00	0.00	0.00	100.00	0.00	0.00	100.00
CTI	Cons Testing & Inspection	36,000.00	262,359.00	11,286.00	0.00	0.00	95,119.40	309,645.00
DELTA	DELTALINK	0.00	0.00	0.00	68,288.39	0.00	7,587.60	68,288.39
DWCRANE	DW Crane Ltd	0.00	223,682.40	22,950.00	10,800.00	0.00	84,261.80	257,432.40
FAIRVIEW	FAIRVIEW Resorts	0.00	0.00	0.00	1,000.99	0.00	0.00	1,000.99
FTB	FTB Vendor	0.00	0.00	0.00	99.00	0.00	0.00	99.00
LG	LGT	19,800.00	0.00	0.00	0.00	0.00	2,200.00	19,800.00
METALCO	METALCO	0.00	0.00	25,920.00	41,644.80	0.00	8,857.00	67,564.80
N1BRICKS	N1Bricks	0.00	6,840.00	0.00	0.00	0.00	760.00	6,840.00
N1CEMENT	N1Cement	0.00	6,885.00	0.00	0.00	0.00	765.00	6,885.00
N1DOOR	N1Door	0.00	1,485.00	85,950.00	75,654.00	0.00	18,121.00	163,089.00

Nvoicepay Rebranding to Corpay (22.53572)

Overview

Corpay integration with CMiC

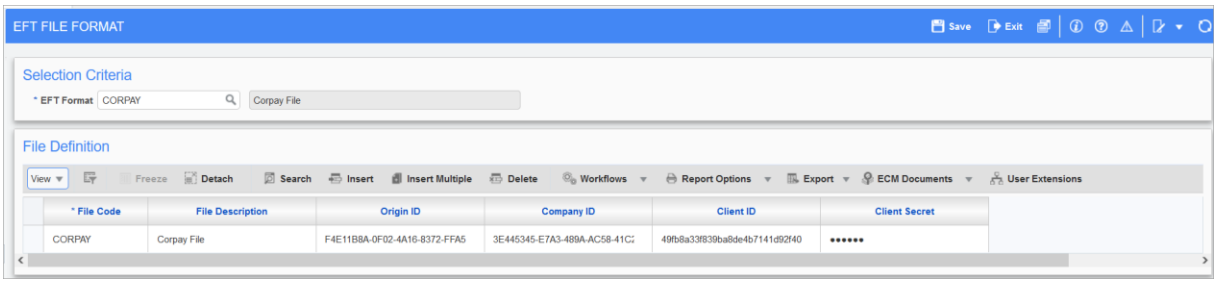
Pre-requisites

The following prerequisites are required prior to using Corpay:

- CMiC Corpay license is required. Please contact a CMiC Account Manager for more information.
- Corpay account or need to be an existing Corpay user.

Setup

Set Up EFT File Format

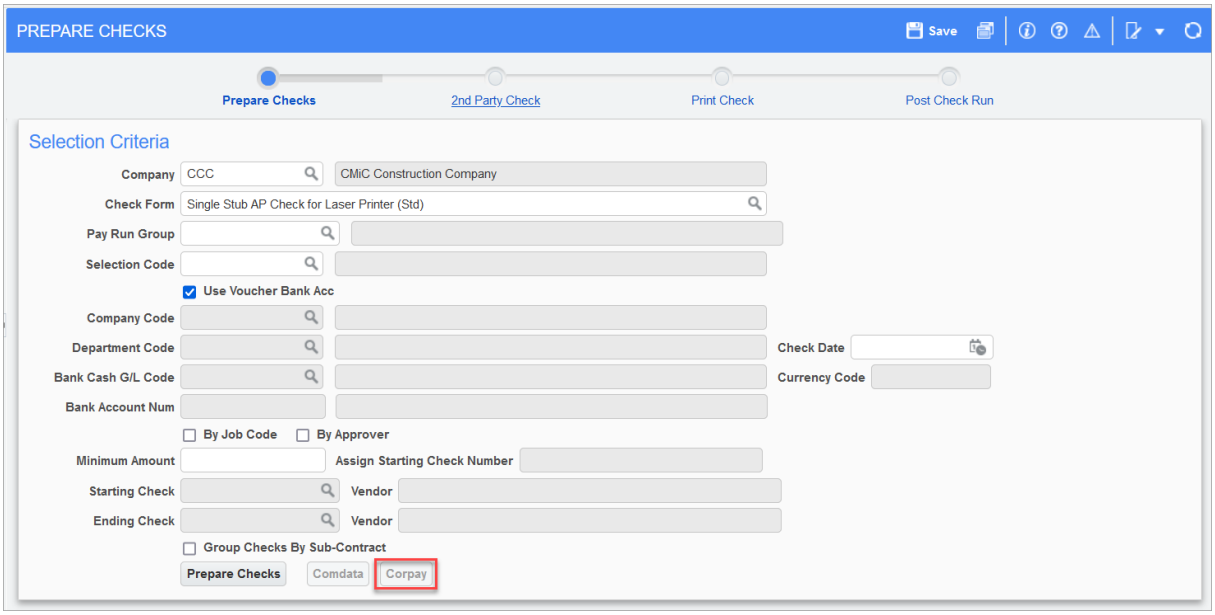


Account Payable > Setup > Global Tables > EFT Formats

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.

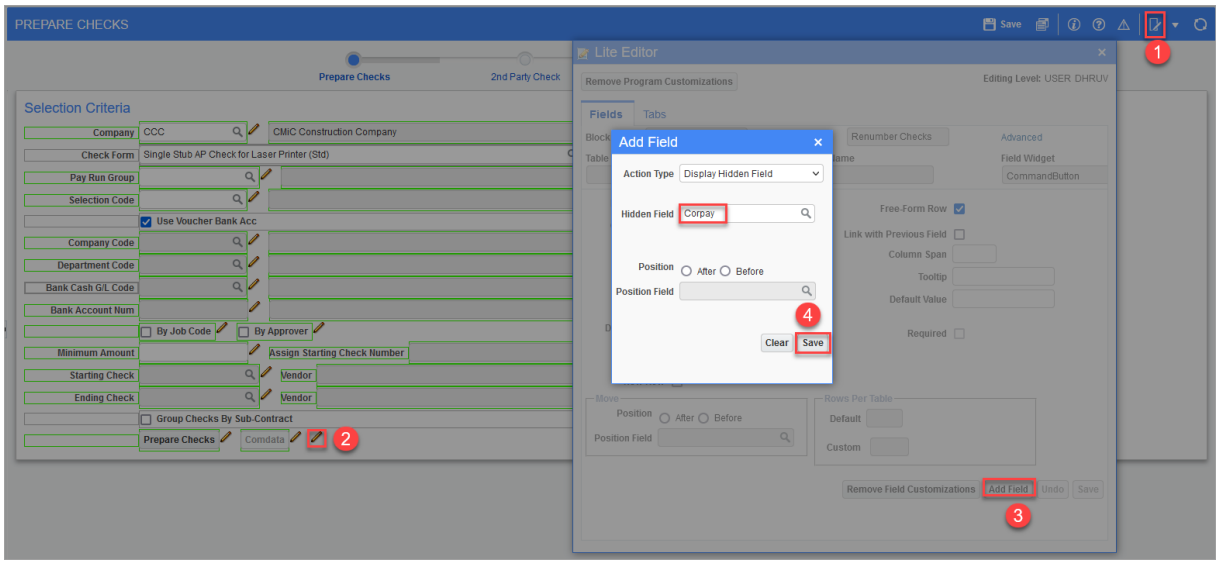
Client ID and Client Secret information is provided by Corpay and maintained by system administrators.

Display [Corpay] Button on Prepare Checks Screen using Lite Editor



Pgm: APCHQPRE – Prepare Checks; standard Treeview path: Accounts Payable > Check > Print Checks – [Corpay] button

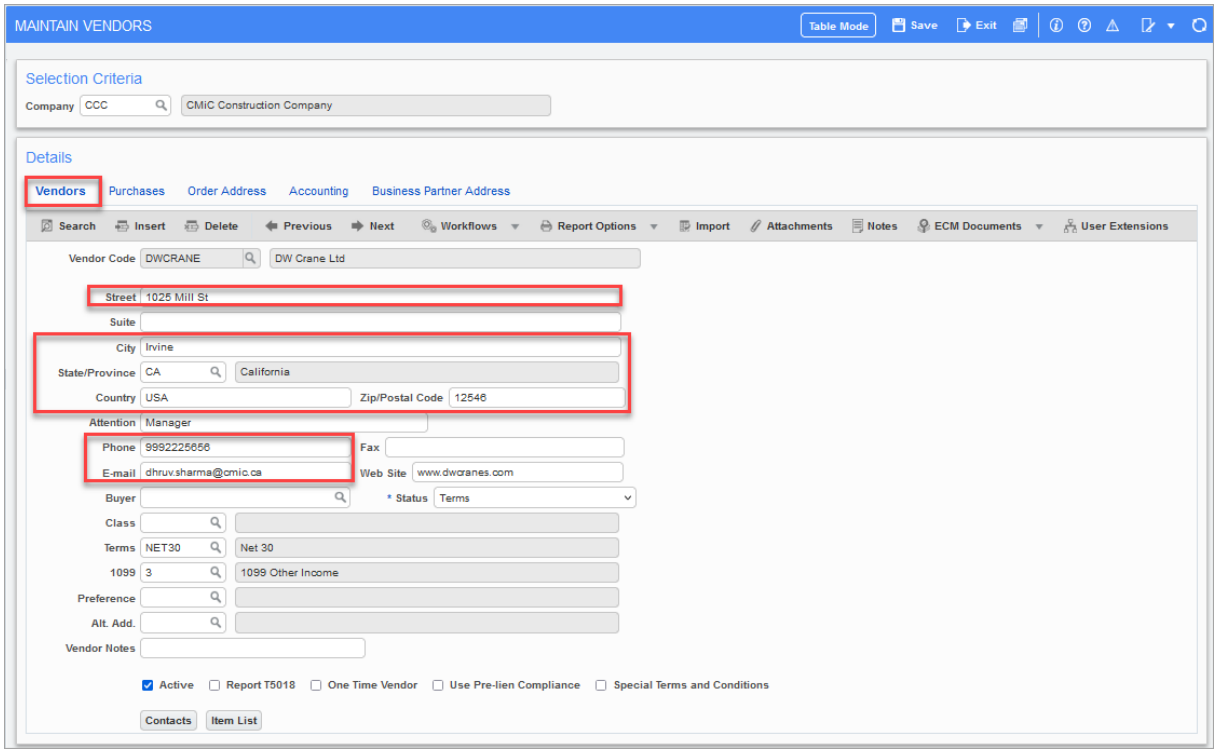
The [**Corpay**] button is located on the Prepare Checks screen in the Accounts Payable module and by default it is hidden. This button is made visible using Lite Editor.



Displaying [Corpay] button on Prepare Checks screen using Lite Editor

Maintain Vendors

Vendor maintenance must have the highlighted mandatory fields entered. Once all the required fields are entered, user will be able to generate request file.

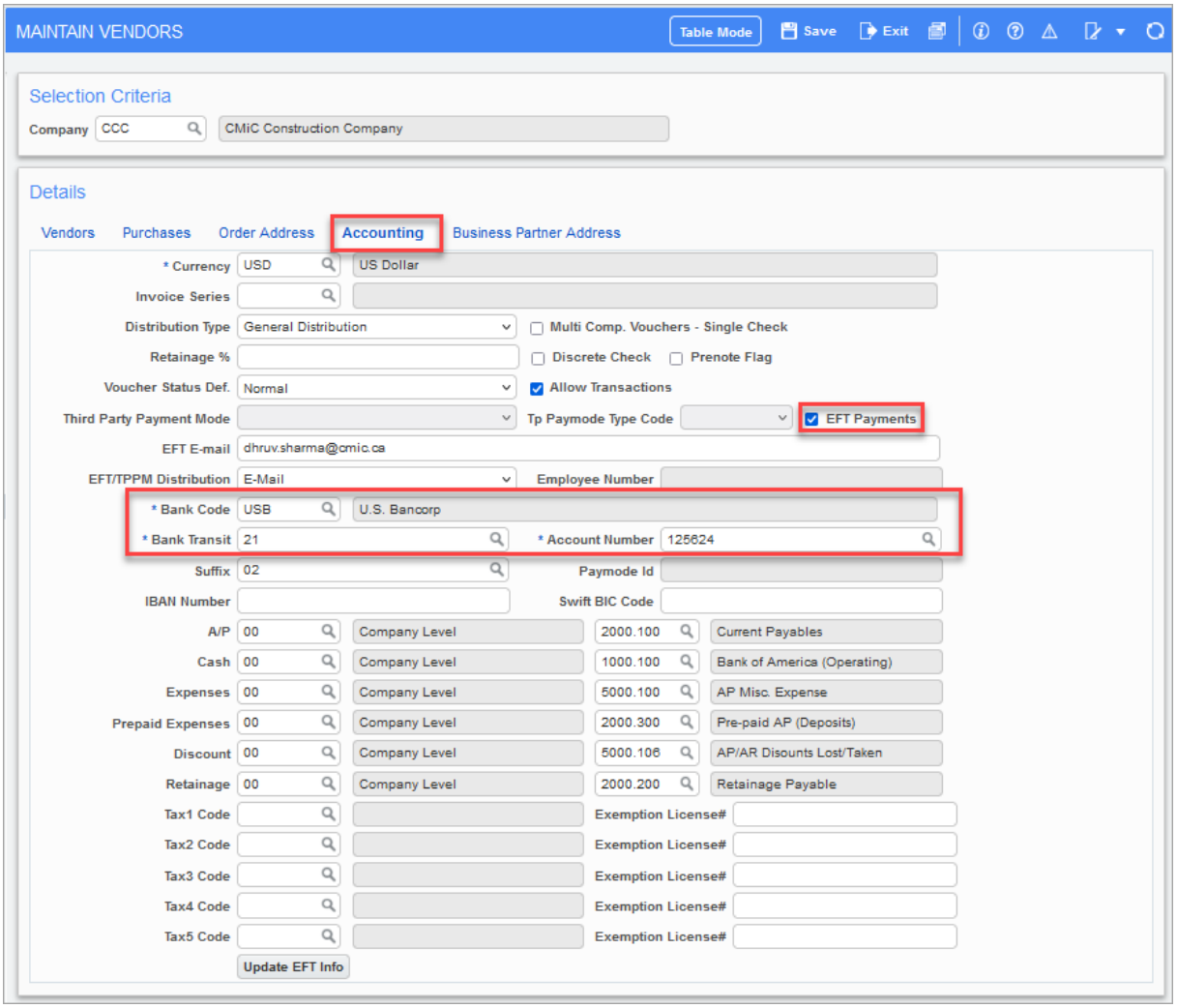


Pgm: BPVENFM – Maintain Vendors; standard Treeview path: Accounts Payable > Setup > Maintain Vendors – Accounting tab

The mandatory fields to be completed in the ‘Accounting’ tab are shown in the screenshot below.

Although banking details are not requested or processed by CORPAY, 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).



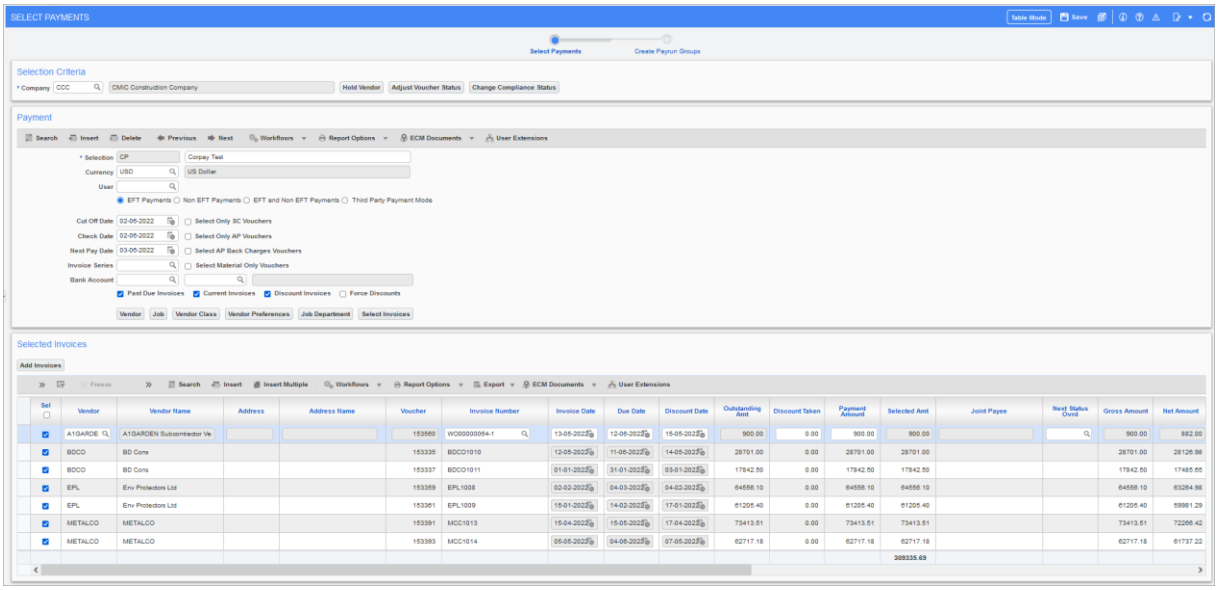
Pgm: APCHQPRE – Prepare Checks; standard Treeview path: Accounts Payable > Check > Print Checks

Preparing Checks for a Selection Code

Step 1: **Create Payment Selection Code and Select Payments**

Selection Code: CP
Prepare Checks

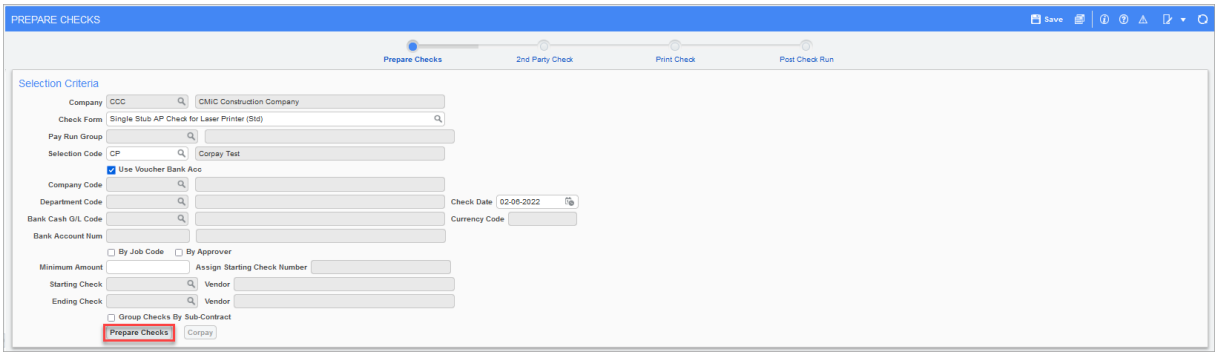
Use the Select Payments screen to create a one-time payment selection code. Select the 'EFT Payments' radio button and specify any other criteria by which to select invoices associated with the payment selection code. Click the [**Add Invoices**] button on the Select Payments screen to display the list of matching invoices and select which invoices to associate to the payment selection code. When finished, click on [**Save**].



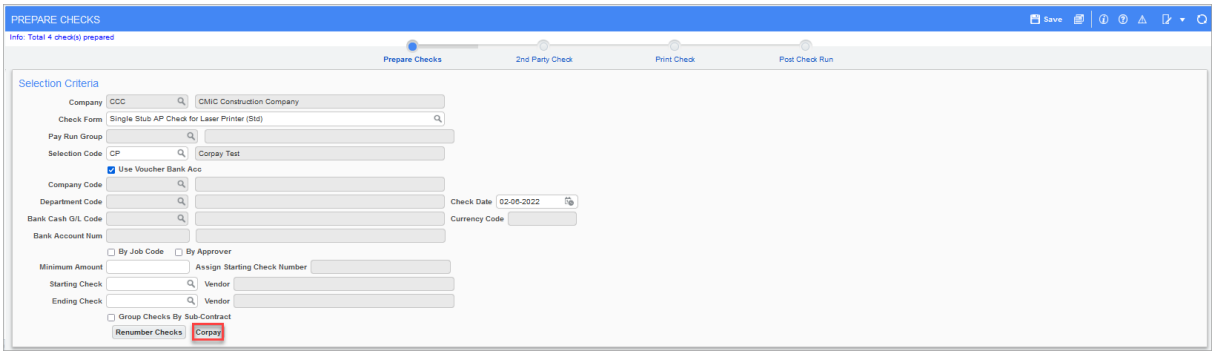
Pgm: PAYSEL – Select Payments; standard Treeview path: Accounts Payable > Payment > Select Payments

Step 2: **Generate Corpay Request File**

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.



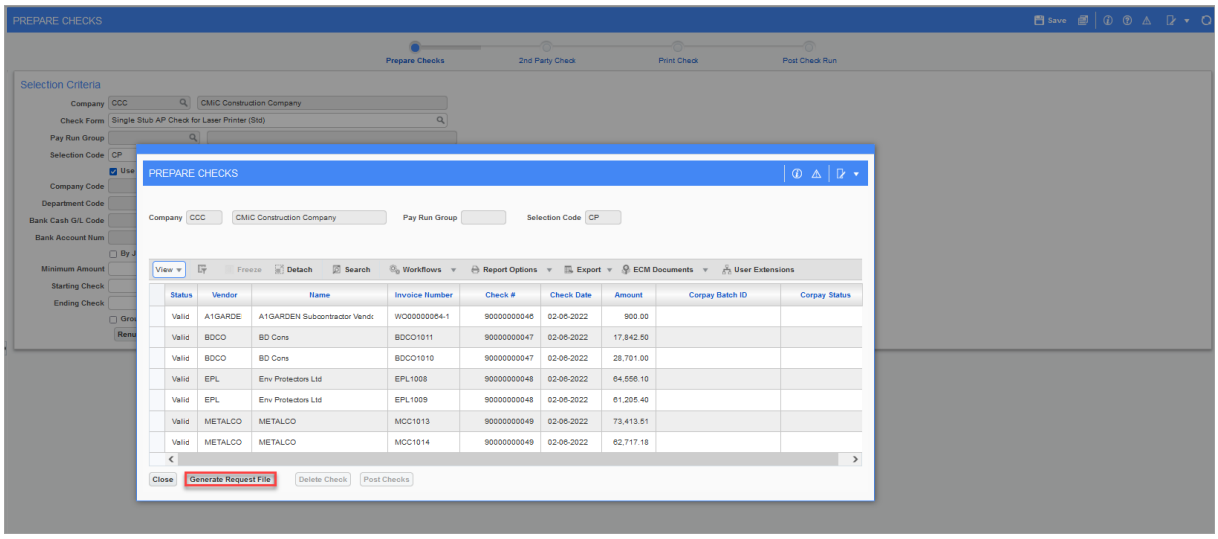
Accounts Payable > Checks > Print Checks – Prepare Checks



Accounts Payable > Checks > Print Checks – Prepare Checks

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 [**Corpay**] button is enabled.

Click on the [**Corpay**] button to launch a pop-up window to initiate the payment/request file generation process.



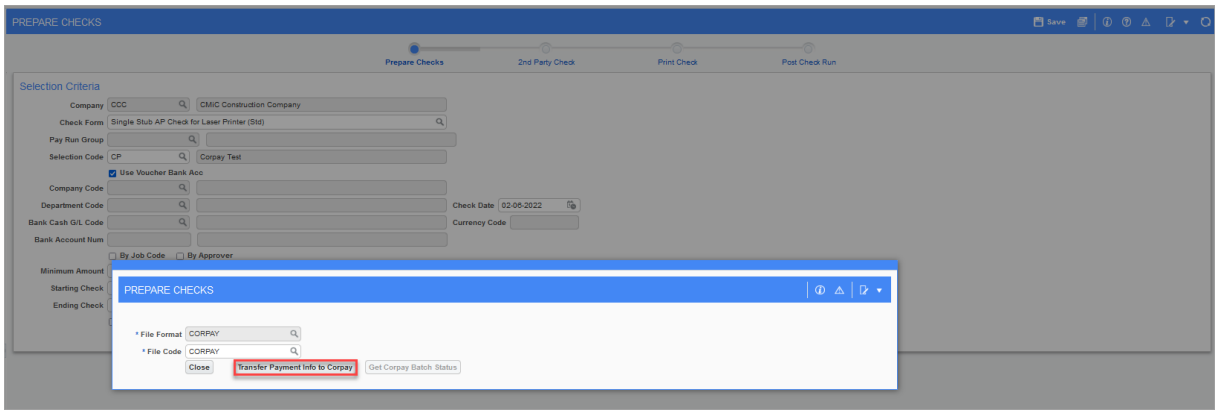
Pop-up launched from [Corpay] button on Prepare Checks screen

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.

Clicking on **[Generate Request File]** will launch prepare checks pop-up. Select the file code and EFT format from the LOV.

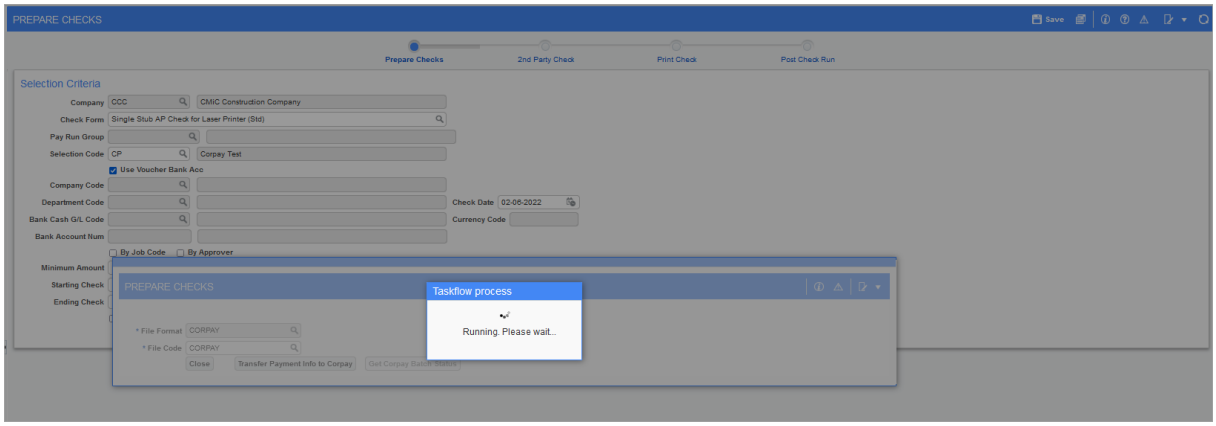
File Code: CORPAY
EFT Format: CORPAY



Accounts Payable > Checks > Print Checks – Prepare Checks – [Corpay] button – [Generate Request File] button pop-up

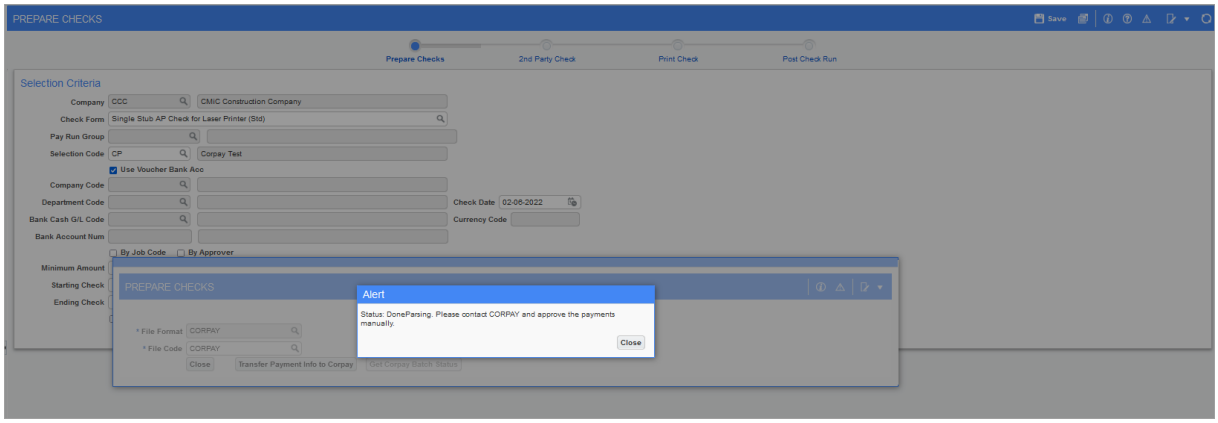
[**Transfer Payment Info to Corpay**] button is enabled once the mandatory fields are populated.

Taskflow process runs upon clicking on [**Transfer Payment Info to Corpay**] button.



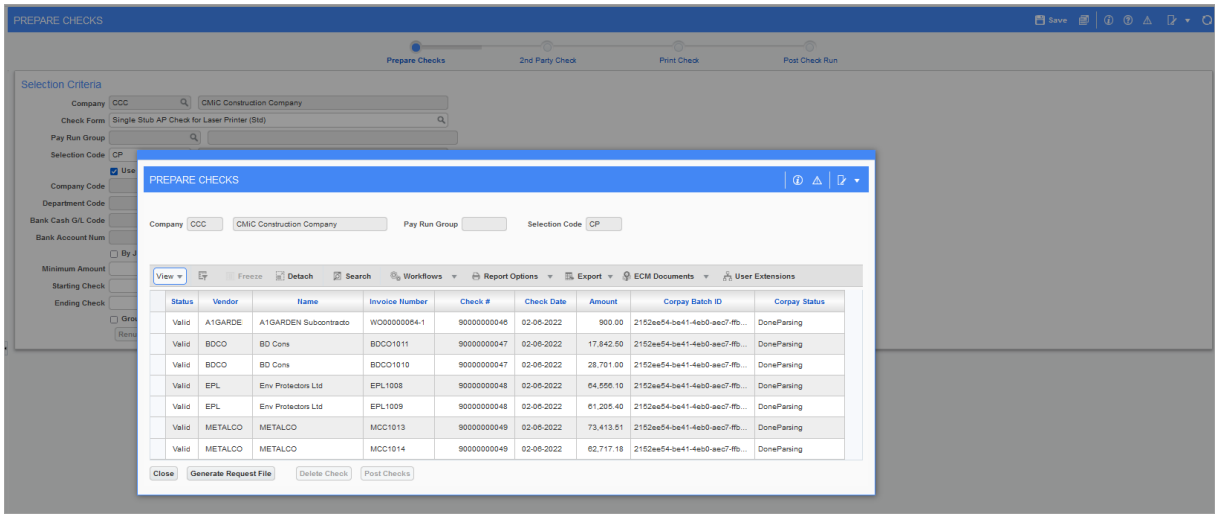
Accounts Payable > Checks > Print Checks – Prepare Checks – [Corpay] button – [Generate Request File] button pop-up – Taskflow process

Alert message is displayed with status as ‘DoneParsing’.



Accounts Payable > Checks > Print Checks – Prepare Checks – [Corpay] button – [Generate Request File] button pop-up – Alert box

Use [**Corpay**] button to verify the Corpay status column in prepare checks pop-up.

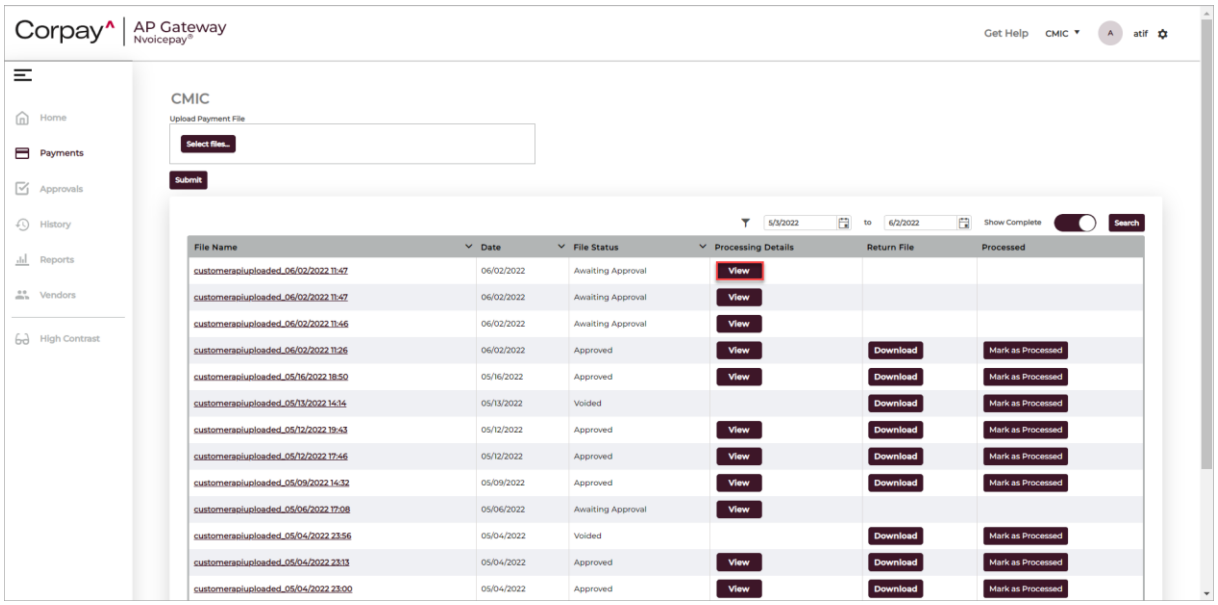


Accounts Payable > Checks > Print Checks – Prepare Checks – [Corpay] button pop-up

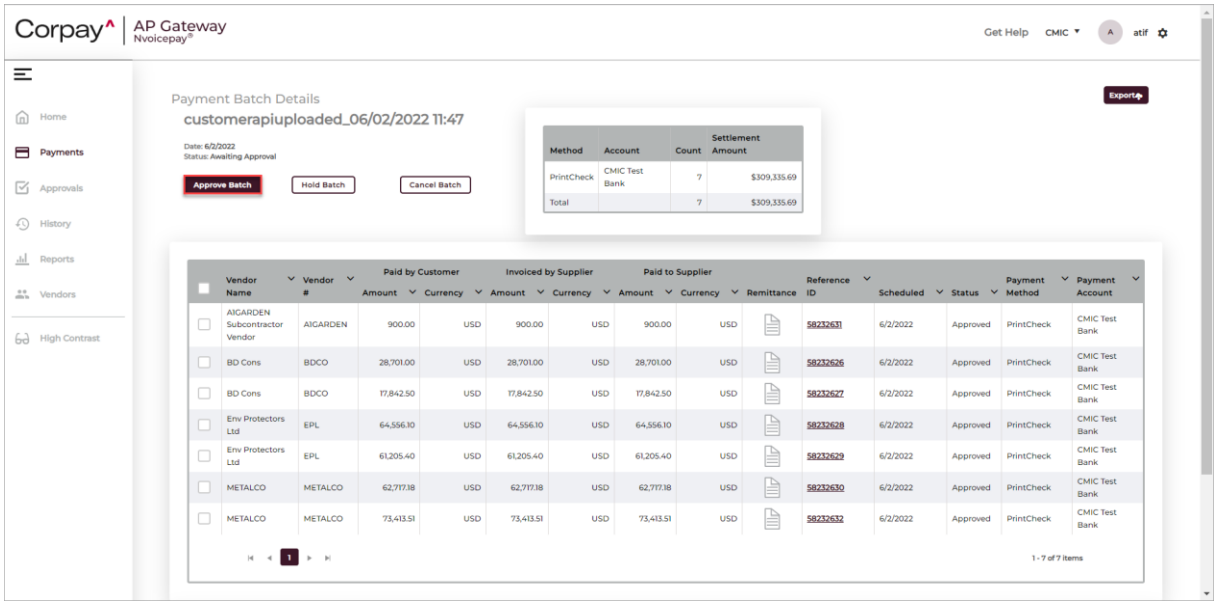
Step 3: **Approve Corpay Payment batch**

Go to AP Gateway to approve the payments.

Click on [**View**] button to approve the file which is awaiting approval.



AP Gateway - Payments

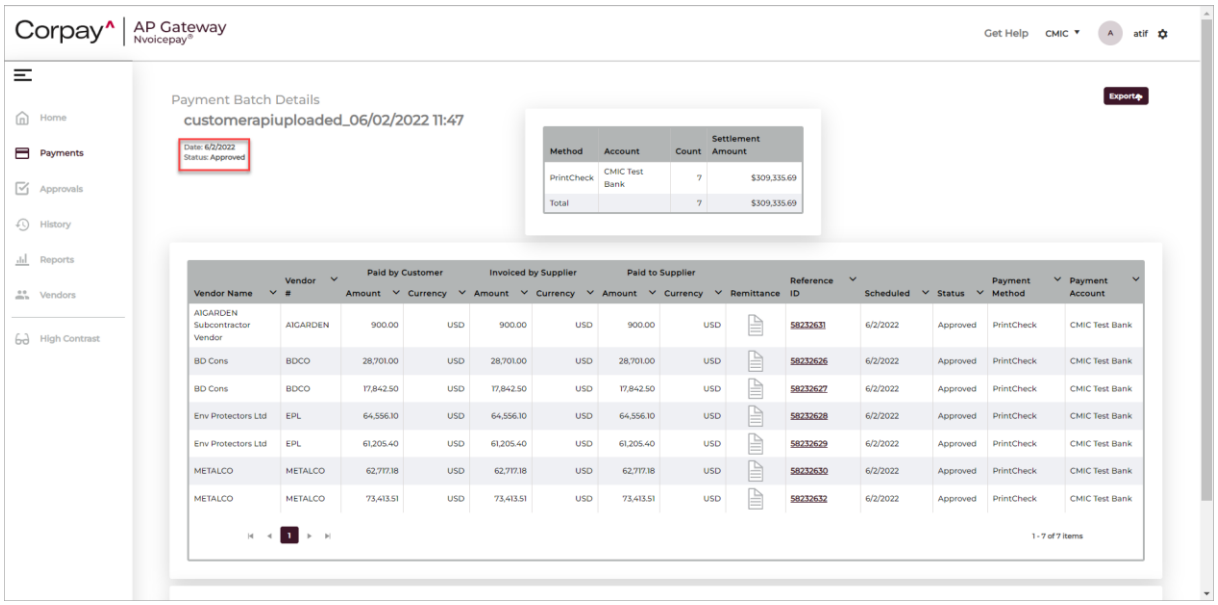


AP Gateway - Payments

Status of the file is ‘Awaiting Approval’ Click on [Approve Batch] button to the approve the whole batch.

CMiC integration requires BATCH APPROVAL only.

Once the batch is approved, status is changed to Approved.

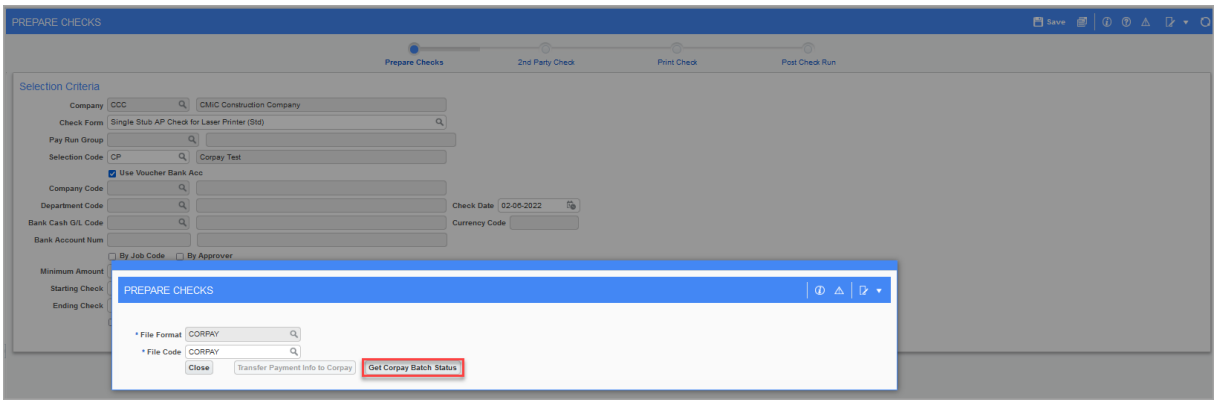


AP Gateway - Payments

Step 4: Post Checks

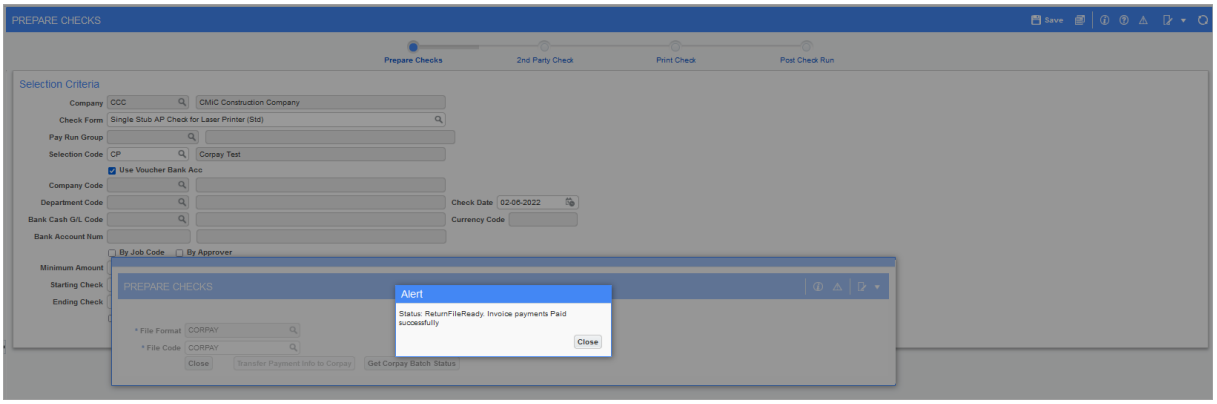
Once the payment is approved on AP Gateway, go to AP > Prepare Checks – populate the same selection code as in step 1. Click on [**Corpay**] button to launch the pop-up. Click on [**Generate Request File**] to launch Prepare Checks pop-up and click on [**Get Corpay Batch Status**] button.

Corpay Batch status is updated to ‘ReturnFileReady’, alert message is displayed upon clicking [**Get Corpay Batch Status**] button.

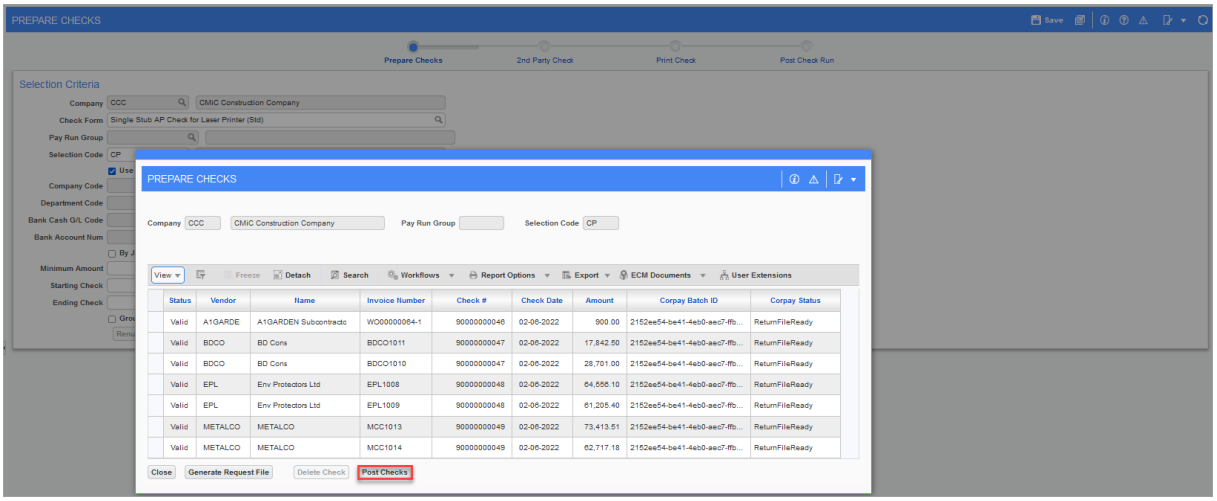


Accounts Payable > Checks > Print Checks – Prepare Checks – [Corpay] button – [Get CORPAY Batch Status] status alert box

[**Post Checks**] button is enabled when the CORPAY Status column reads ‘ReturnFileReady’.

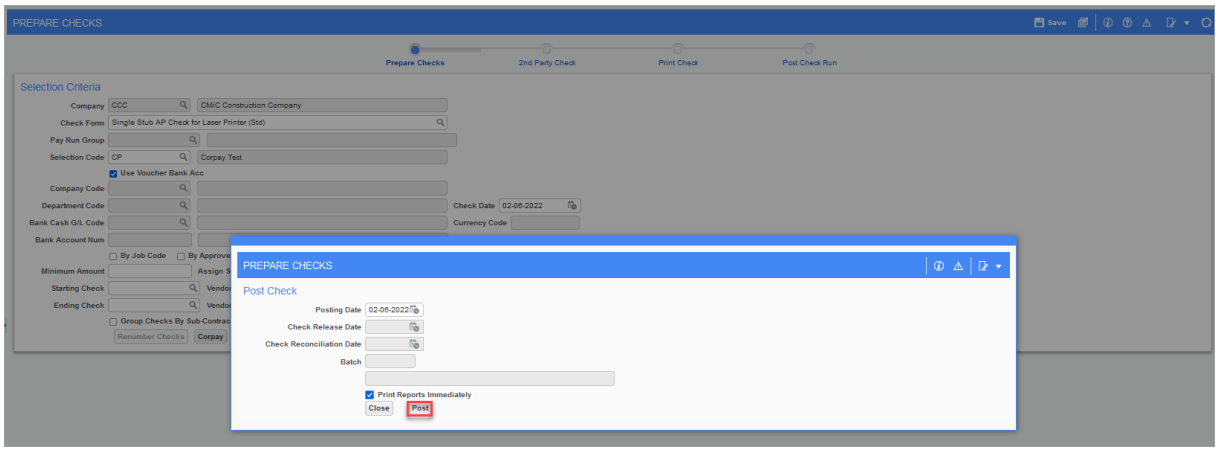


Accounts Payable > Checks > Print Checks – Prepare Checks – [Corpay] button – [Get CORPAY Batch Status] status alert box



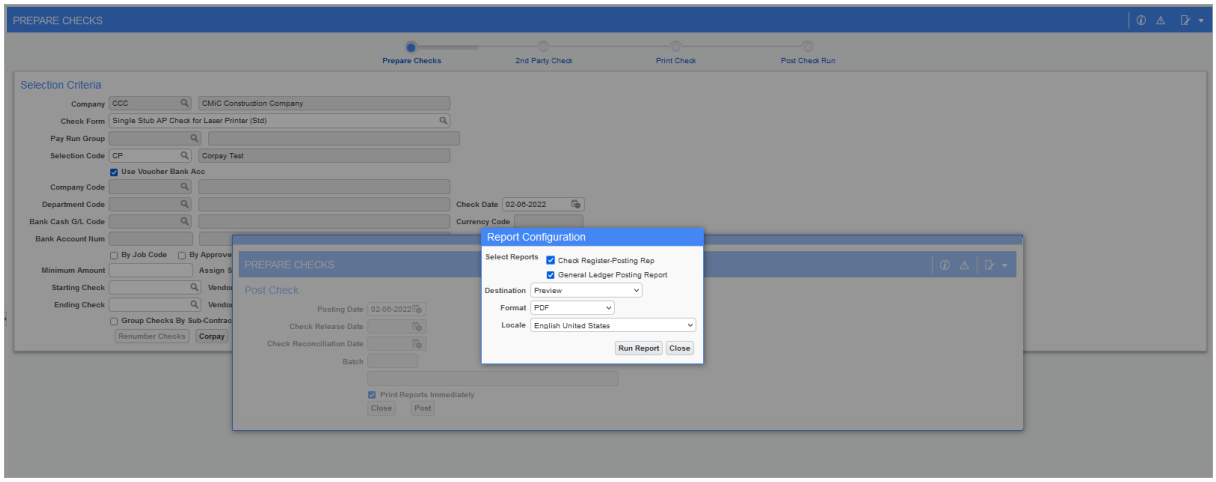
Accounts Payable > Checks > Print Checks – Prepare Checks – [Corpay] button pop-up – [Post Checks]

Post Check pop-up will be launched upon clicking [**Post Checks**] button. Populate the posting date and click on [**Post**] button.

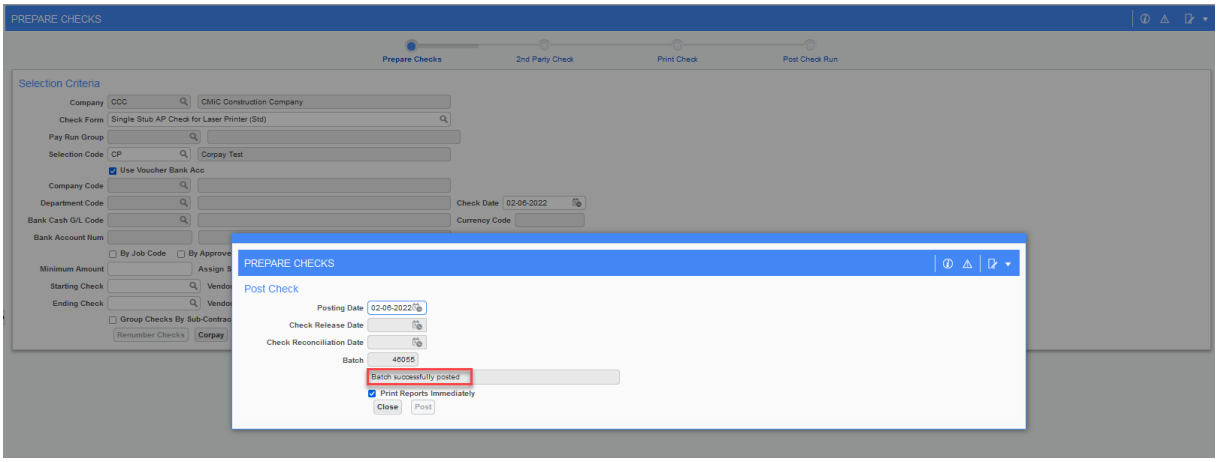


Post Check pop-up

Report configuration runs and batch is posted successfully.



Post Check pop-up – Report configuration



Post Check pop-up

'Batch Posted successfully' is displayed in the message box and batch number is auto populated.

Check Reconciliation and Check Release features

'Check Reconciliation Date' field will be enabled when the AP control file flag 'Automatically Populate Check Reconciliation Date' is set as Y (checked). User must enter reconciliation date as required.

'Check Release Date' field will be enabled when the AP control file flag 'Use Check Release Feature' is set as Y(checked). User must enter release date as required.

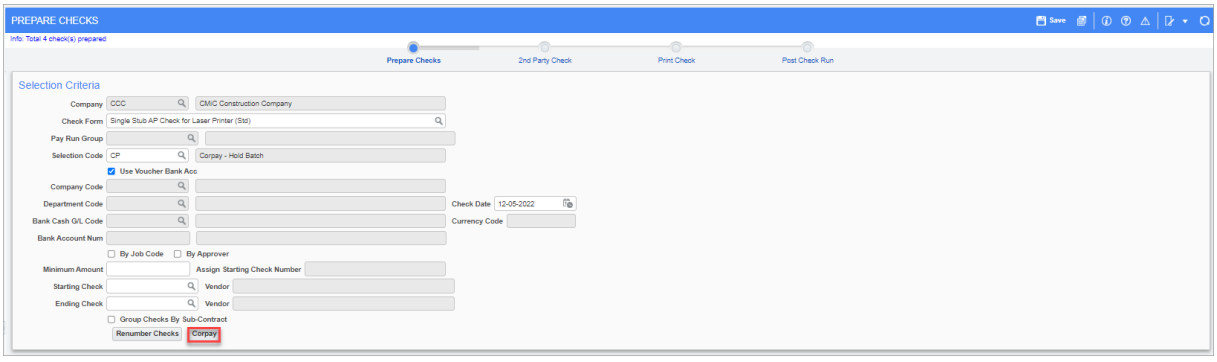
Hold Batch and Cancel Batch

In AP Gateway payment approval, batch status can be set to 'Hold Batch' and 'Cancel Batch'. Examples of these options are provided below.

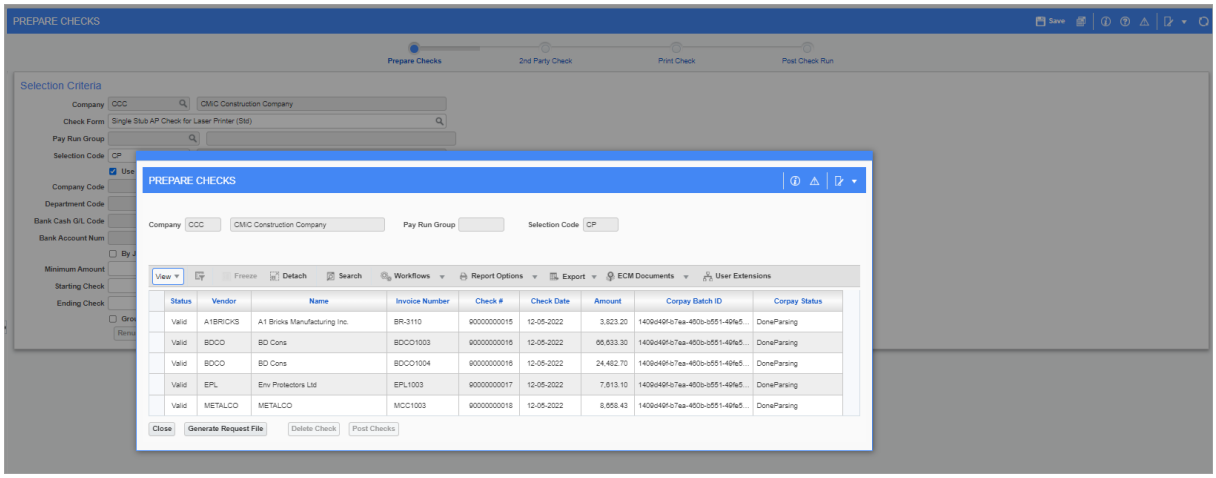
Hold Batch Option

Payment Selection Code: CP

Request file is generated and payment info is transferred to Corpay.

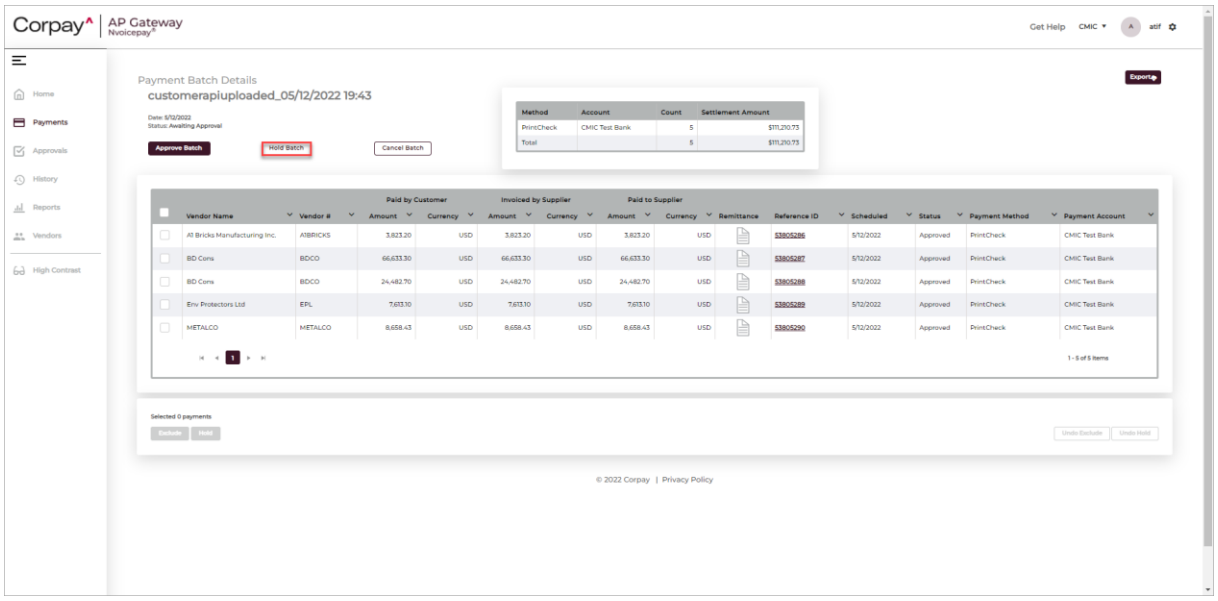


Accounts Payable > Checks > Print Checks – Prepare Checks

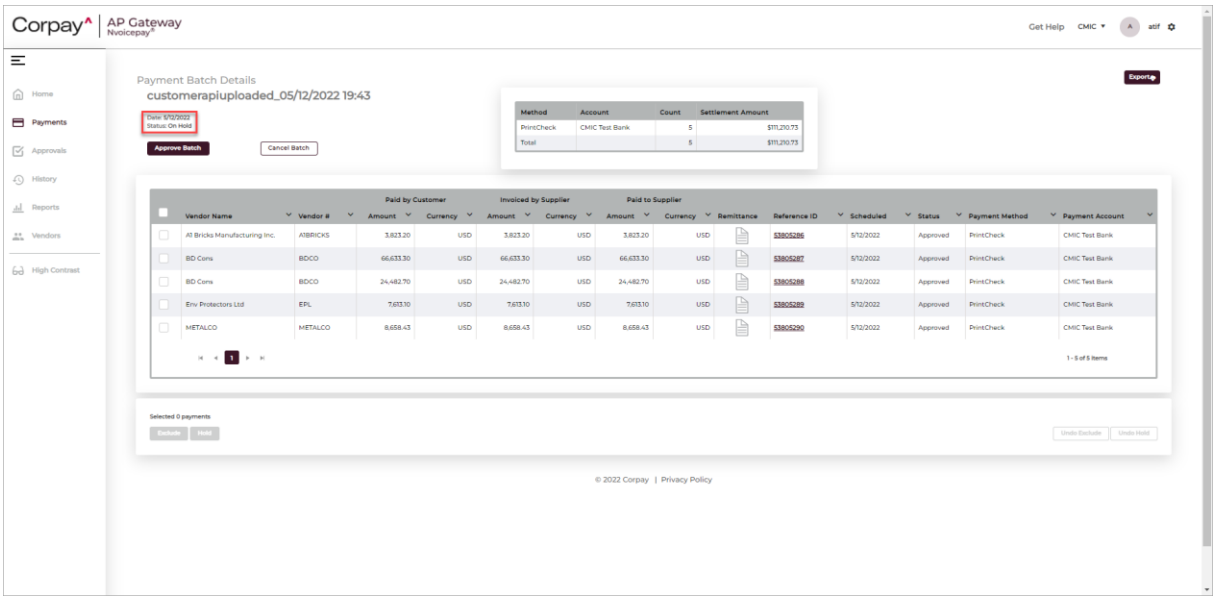


Accounts Payable > Checks > Print Checks – Prepare Checks – [Corpay] button – [Get CORPAY Batch Status] status alert box

Click on [**Hold Batch**] button, the payment status is changed to 'On Hold'.

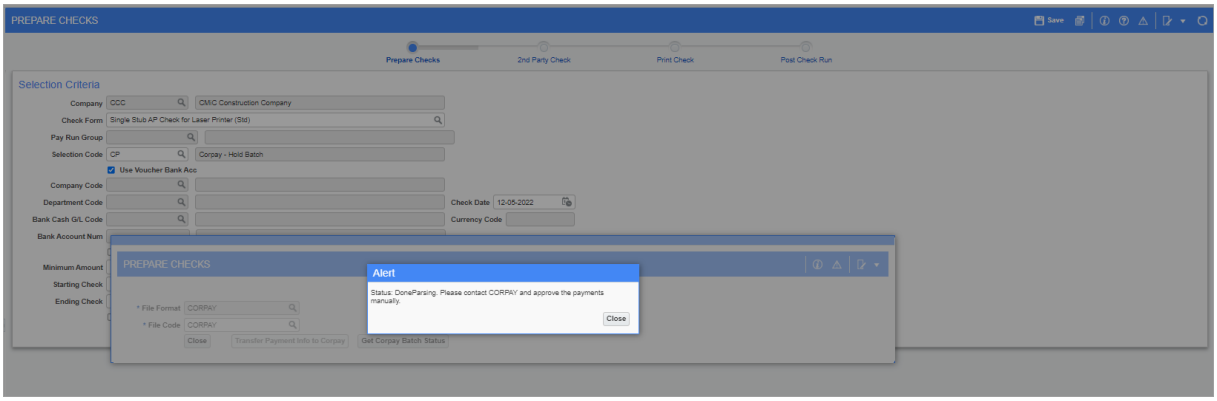


AP Gateway - Payments

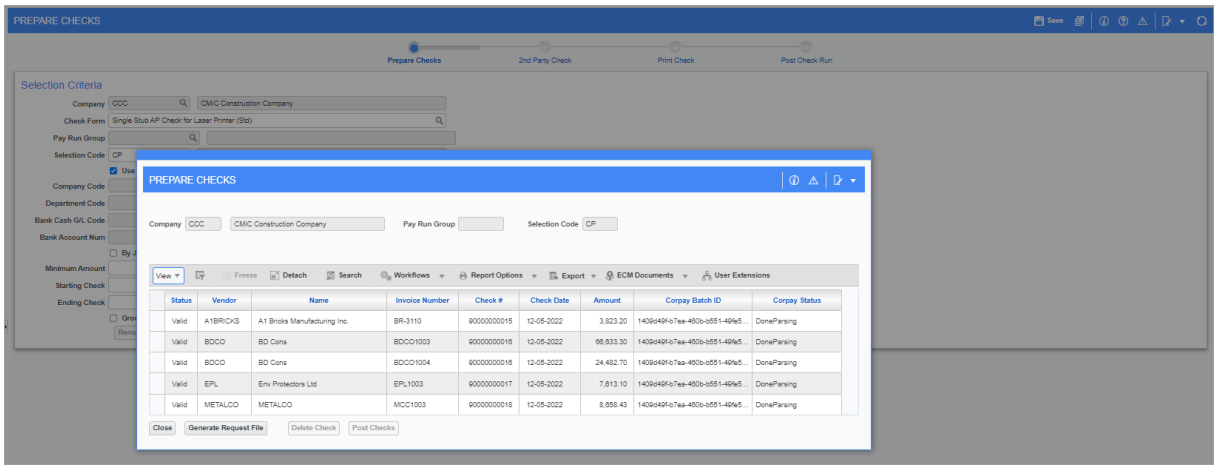


AP Gateway - Payments

Click on [**Get Corpay Batch Status**] button, status returned is 'DoneParsing' and the [**Post Checks**] button is disabled, payment must be approved to post checks.

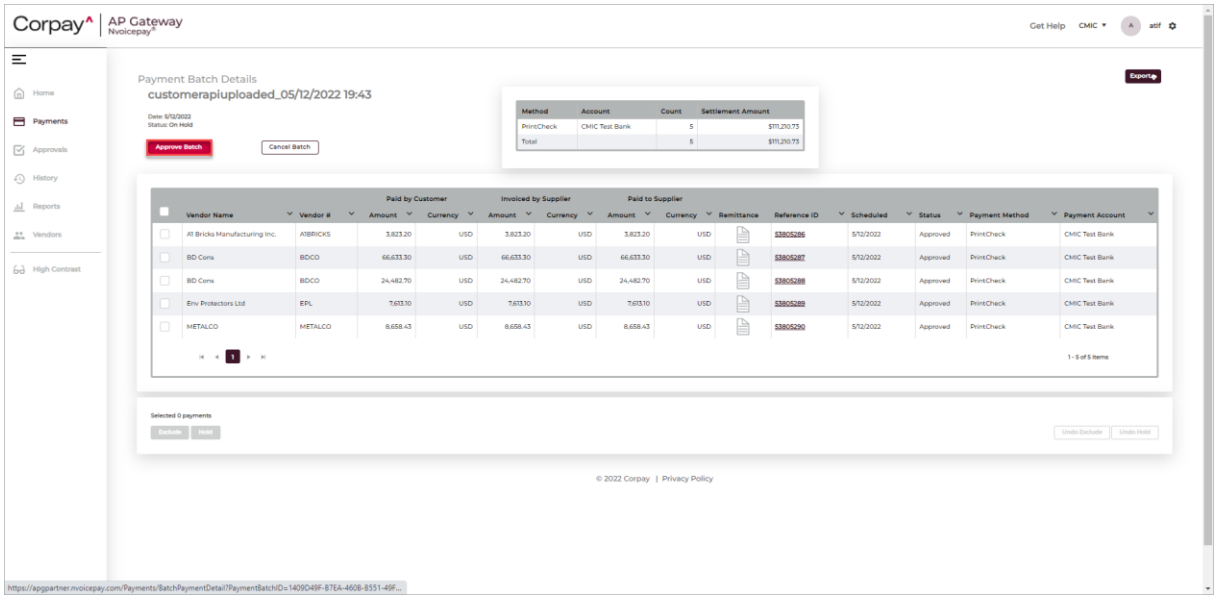


Accounts Payable > Checks > Print Checks – Prepare Checks – [Corpay] button – [Get CORPAY Batch Status] status alert box



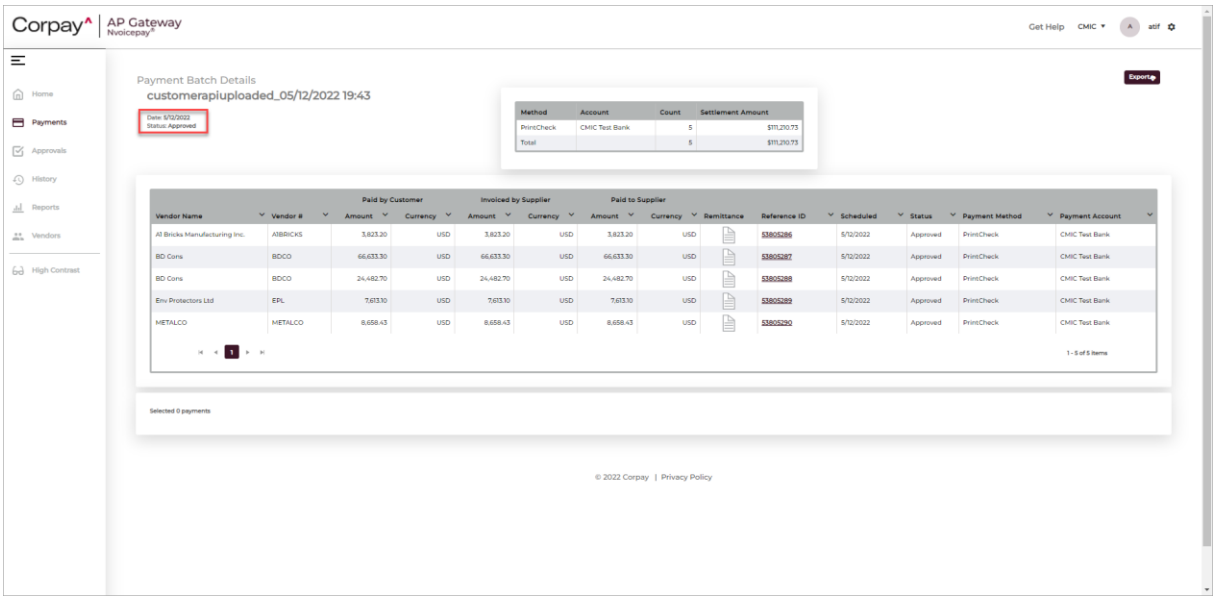
Accounts Payable > Checks > Print Checks – Prepare Checks – [Corpay] button

Approve the ‘On Hold’ payment batch.

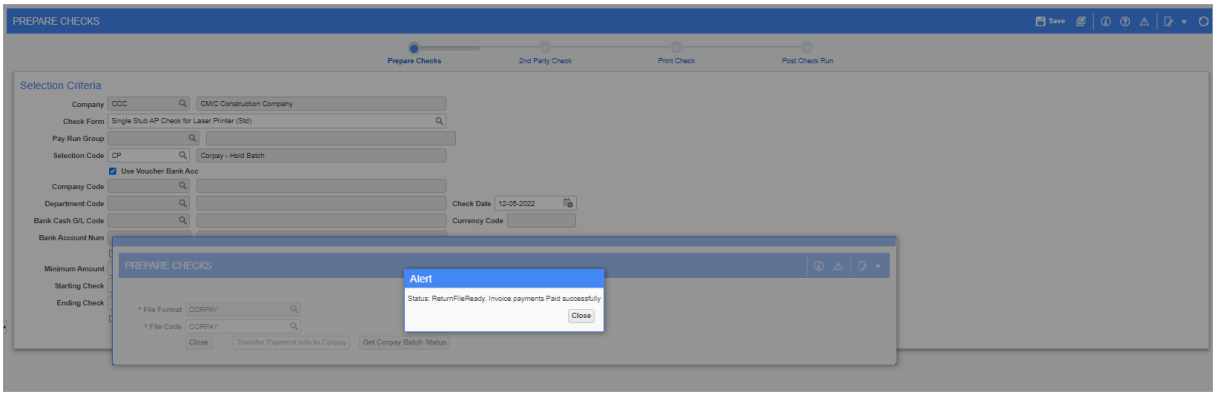


AP Gateway - Payments

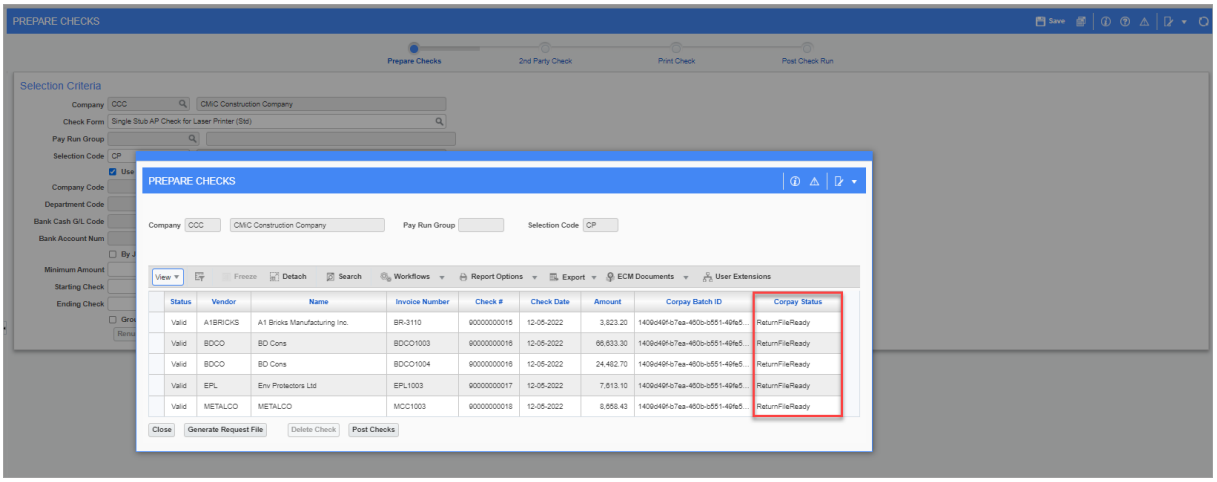
Click on [**Get Corpay Batch Status**] button, status returned is ‘ReturnFileReady’ and the [**Post Checks**] button is enabled for posting.



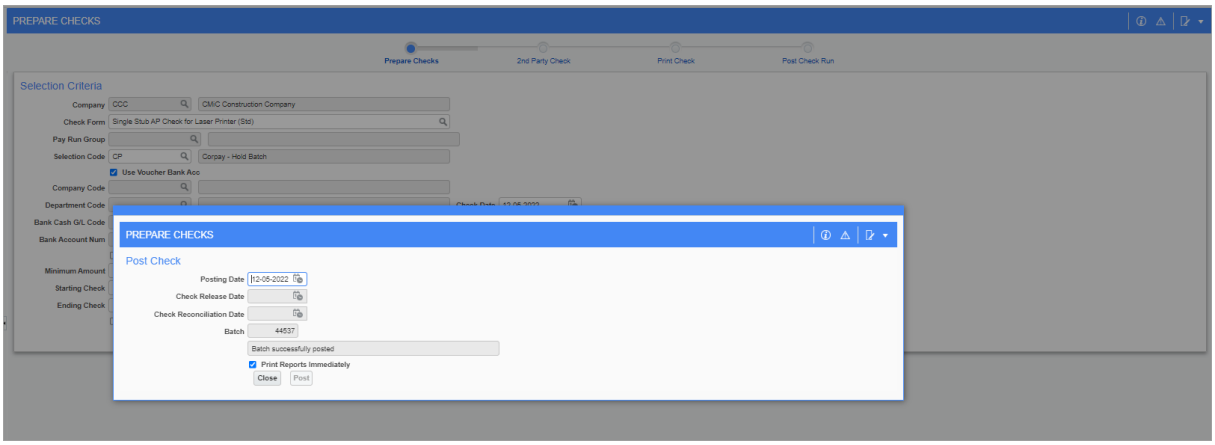
AP Gateway - Payments



Accounts Payable > Checks > Print Checks – Prepare Checks – [Corpay] button



Accounts Payable > Checks > Print Checks – Prepare Checks – [Corpay] button

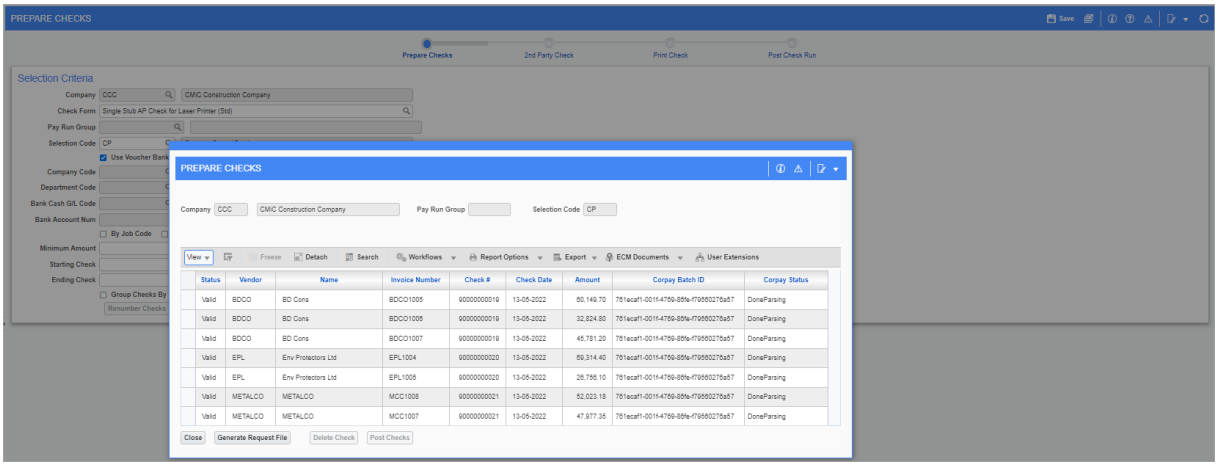


Post Check pop-up – Report configuration

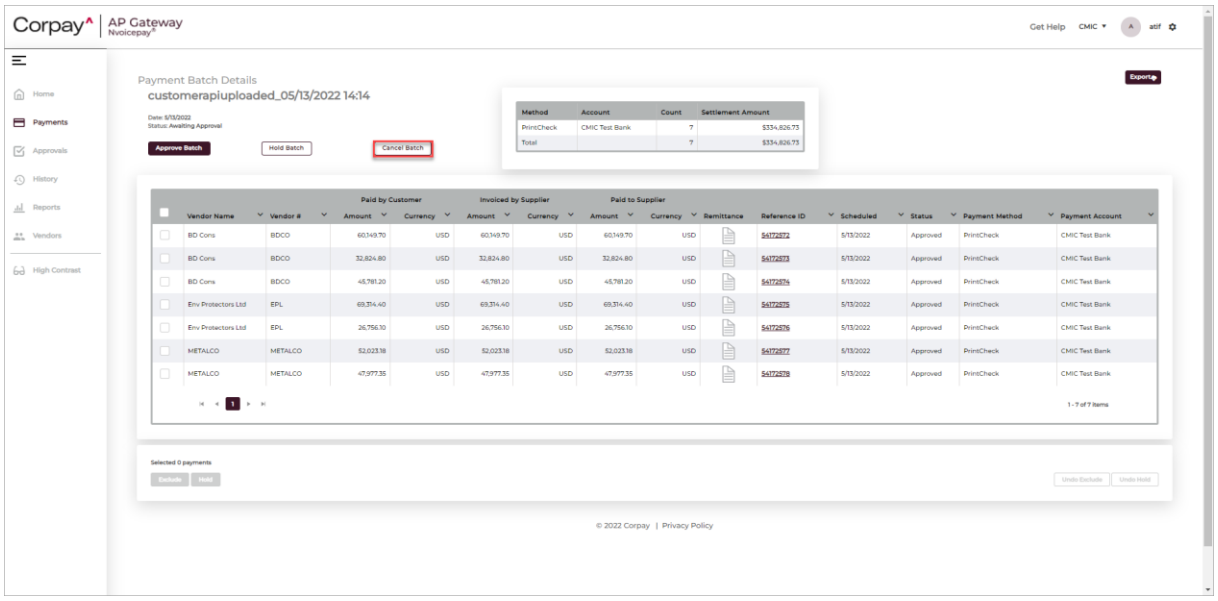
Cancel Batch Option

Payment Selection Code: CP

NOTE: Since the Cancel Batch option sets the batch as voided, users must take manual action in the CMIC application and cancel payments as required.

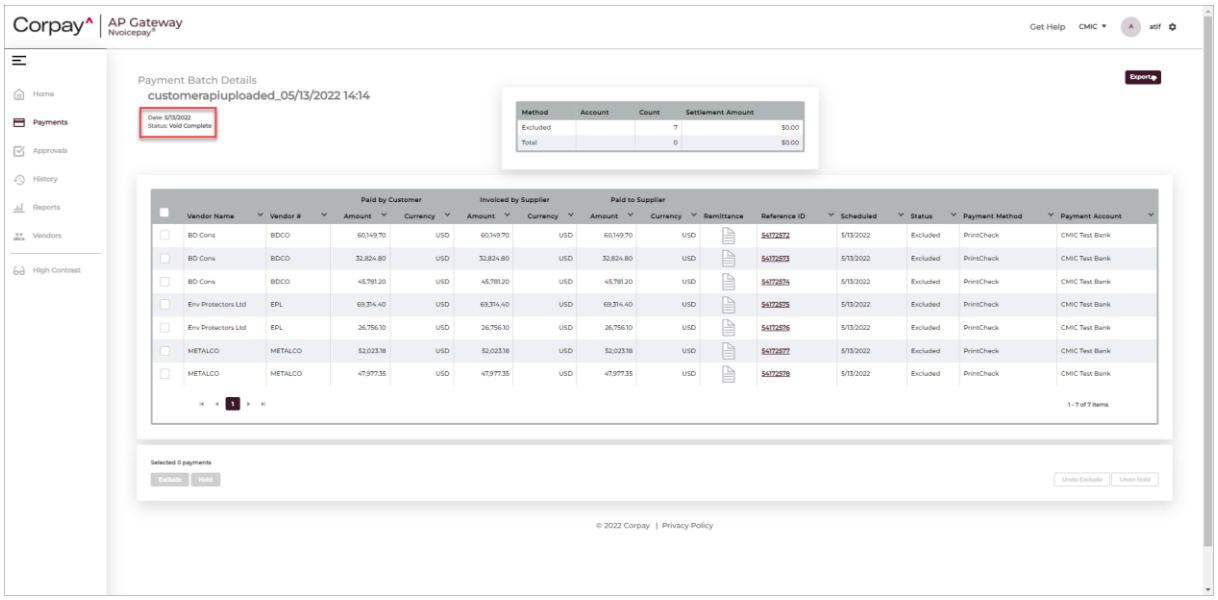


Accounts Payable > Checks > Print Checks – Prepare Checks – [Corpay] button

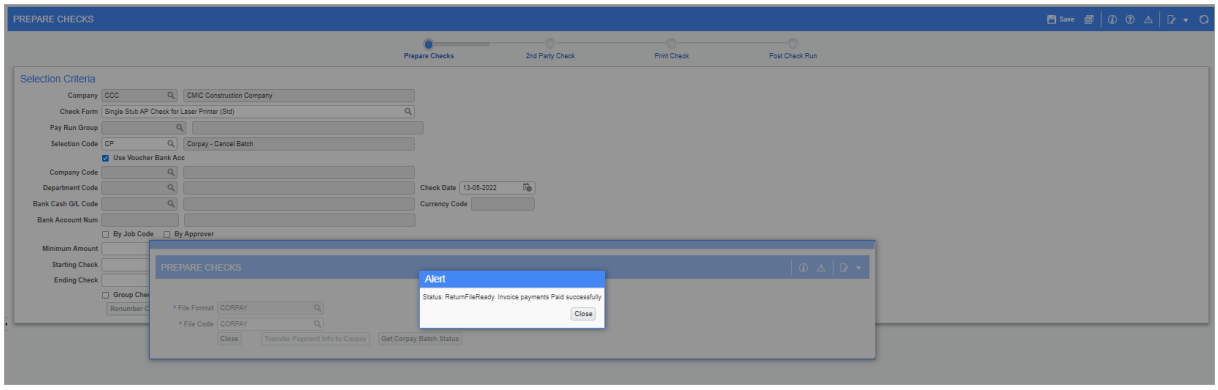


AP Gateway – Payments

File status is ‘Voided’.



AP Gateway - Payments



Click on [**Get Corpay Batch Status**] button, status returned is 'ReturnFileReady and the [**Post Checks**] button is enabled for posting.

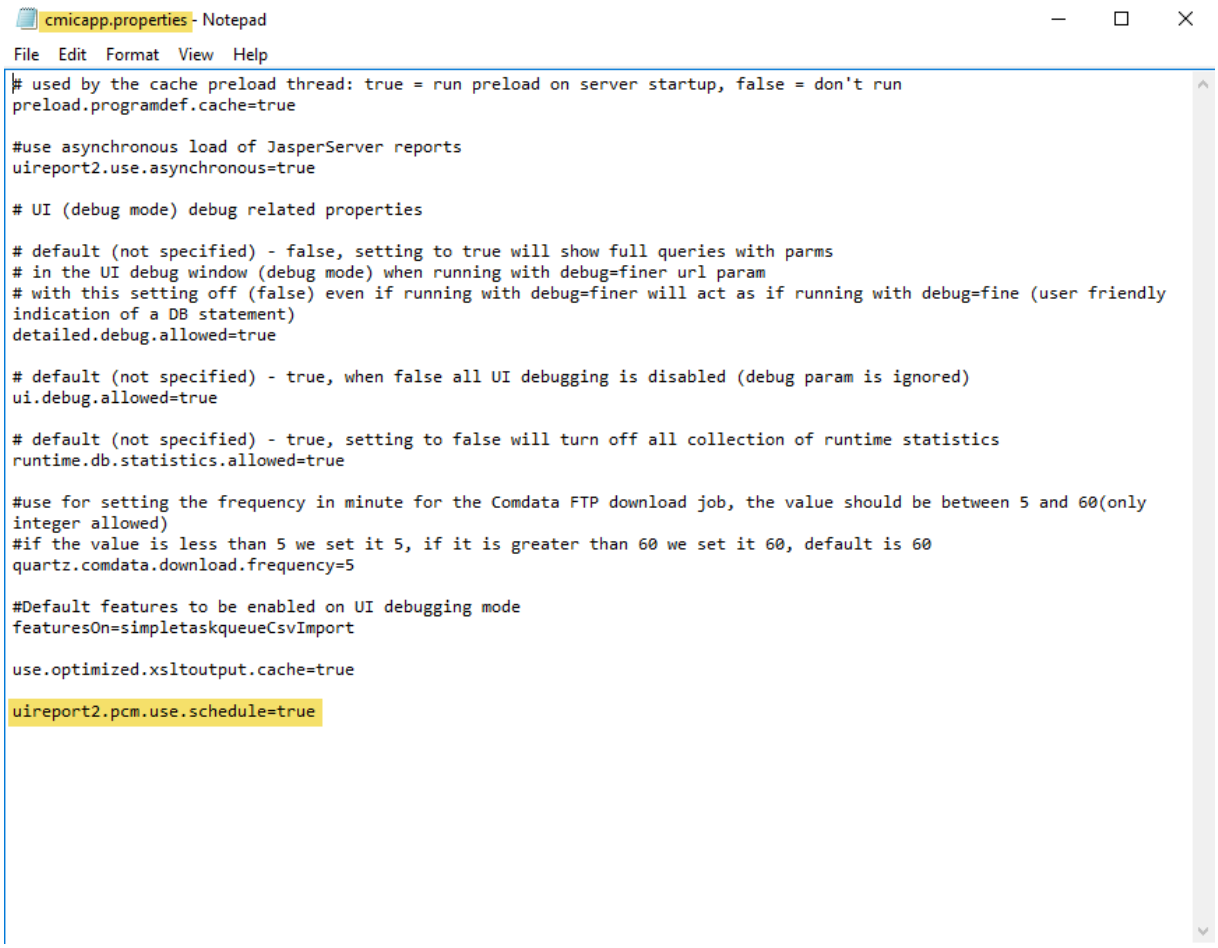
PCM Reports on Jasper Quartz to Send EFT Notifications Fast (22.55452)

A new feature is added to schedule PCM reports on Jasper Quartz for sending EFT Notifications fast. This feature is optional.

To turn on this feature, add the property below in cmicapp.properties file:

uireport2.pcm.use.schedule=true

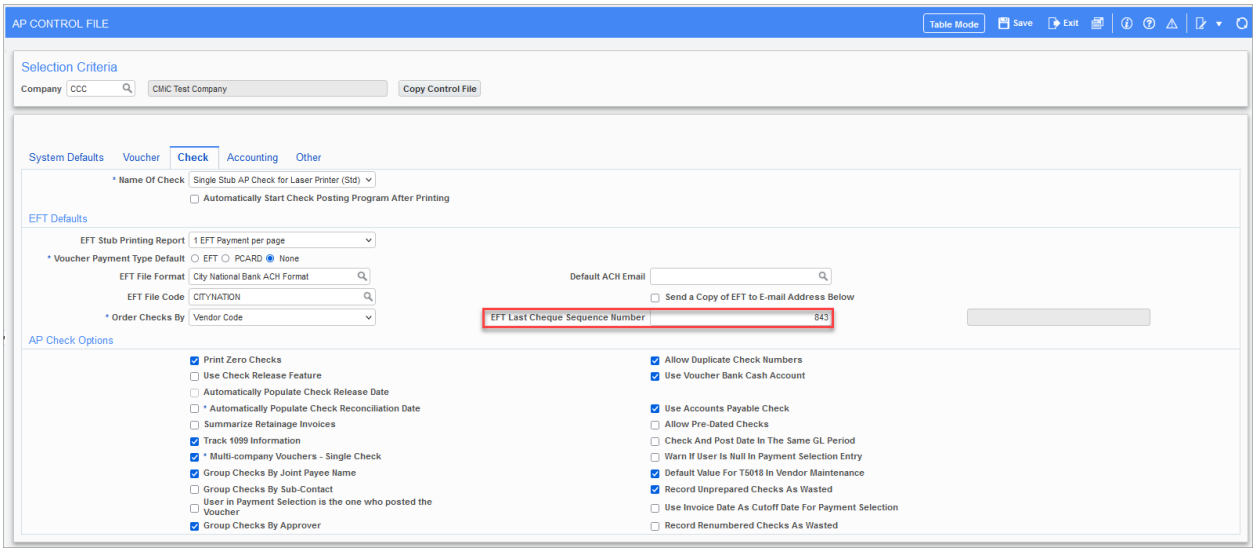
There is no need to restart the server.



EFT Last Check Sequence Number (21.47899)

AP Control file is modified to include ‘EFT Last Check Sequence Number’ input field.

This field is hidden by default, users must use lite editor to make it visible.



Accounts Payable > Setup > Local Tables > Control File – Check tab

EFT Last Check Sequence Number: Input field showing the last check sequence number for EFT check. The latest EFT check sequence number will be an increment to last check sequence number in AP control file.

EFT Last Check sequence number is updated as soon as checks are prepared.

If checks are processed using Pay Run group, system will use the last check sequence number of the paying company.

NOTE: Going forward CMiC may have SAME check sequence number across multiple companies. Previously check sequence numbers were unique across all companies and hence the sequence number was used by Non-EFT and EFT checks. With this modification, EFT check numbers will have company specific check sequence number. If EFT Last check sequence number is 0 or NULL, the next EFT check sequence number will be 1.

Warning: Users normally should not be updating this field unless otherwise required and be performed by administrators.

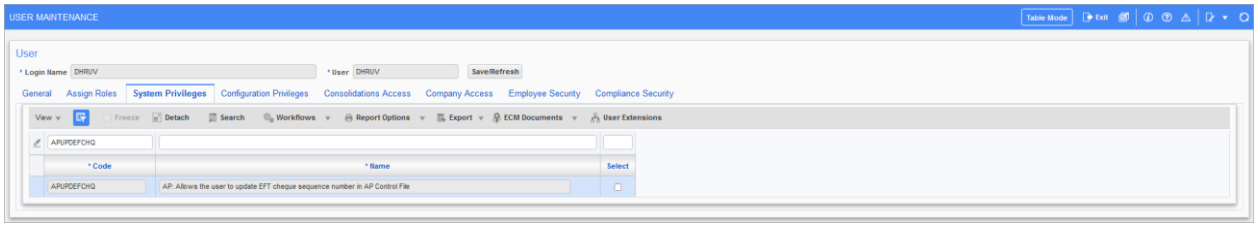
The field will be automatically updated to current last check sequence number in the system for all the companies with this installation.

Hotfix V12-015-2HF Revision 1.0

System Privilege: **APUPDEFCHQ**: Allow the user to update EFT cheque sequence number in AP control file. By default, privilege is un-checked for all the users.

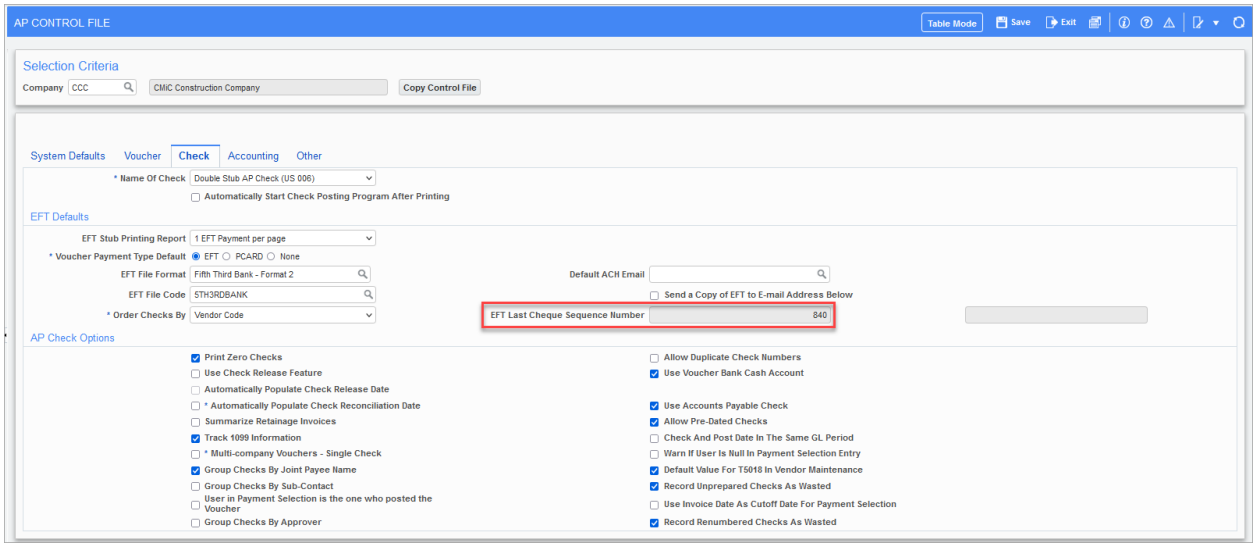
Checked: EFT Last Check Sequence field in AP control file is enabled for update,

Un-checked: EFT Last Check Sequence field in AP control file is disabled.



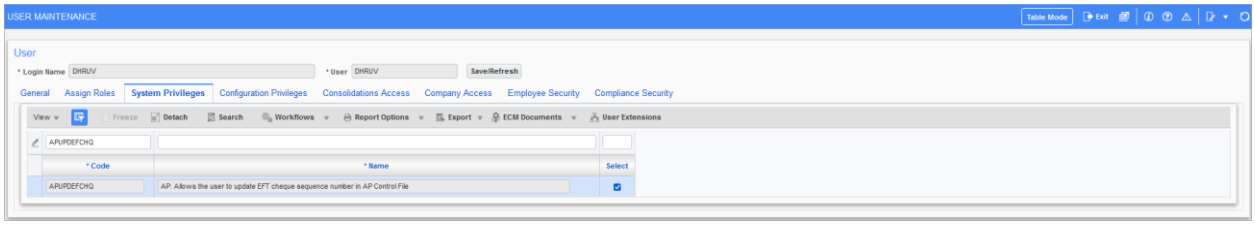
System Data > Users > User Maintenance > System Privileges

EFT Last Check Sequence number field in AP control file is disabled for update.

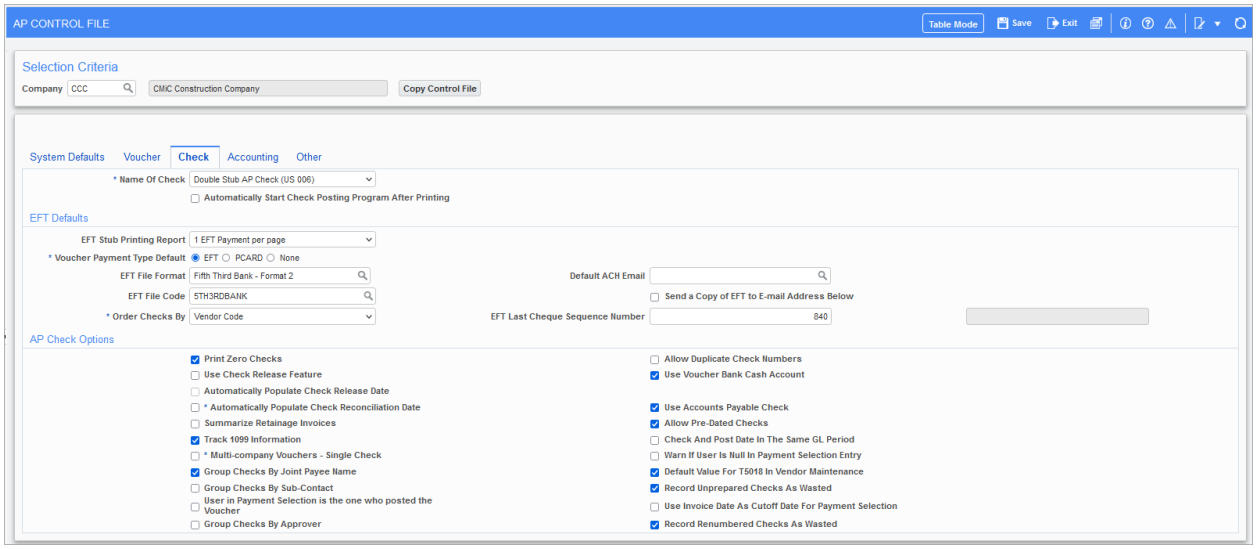


Accounts Payable > Setup > Local Tables > Control File – Check tab

Update the privilege for the user, EFT Last Check Sequence Number field will be enabled in AP control file.



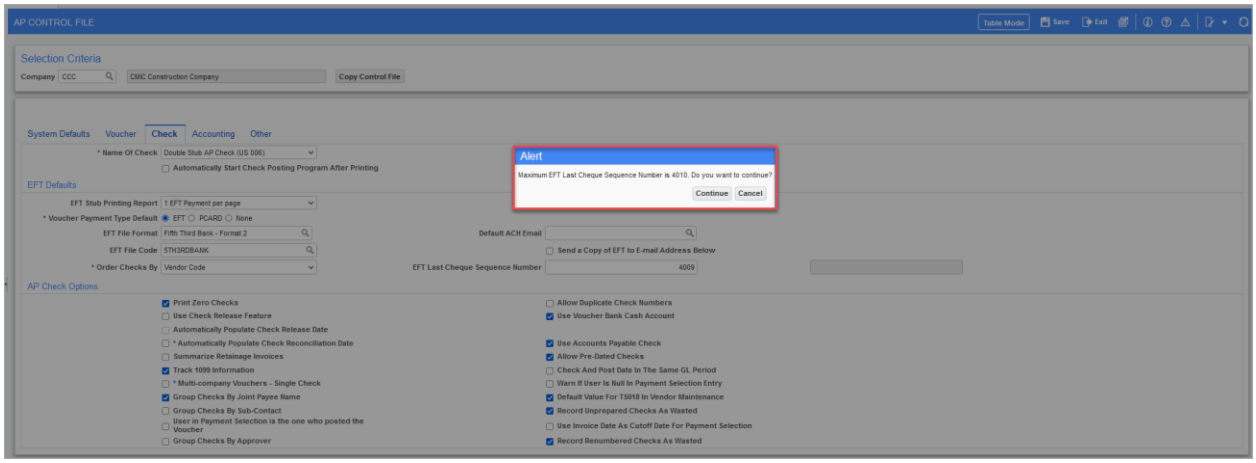
System Data > Users > User Maintenance > System Privileges



Accounts Payable > Setup > Local Tables > Control File – Check tab

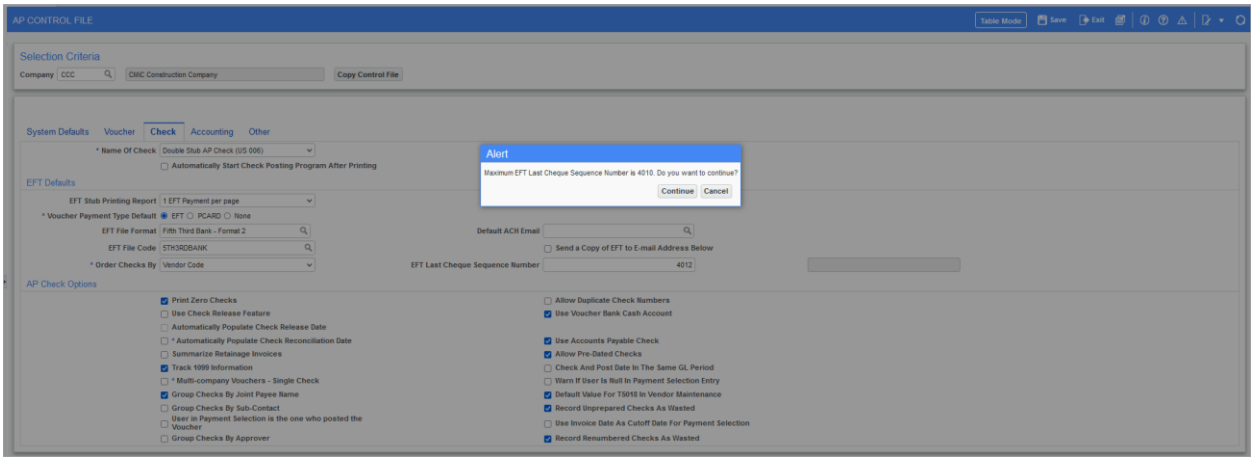
Updating EFT Last Check Sequence Number in AP Control file:

Alert message will be displayed along with the last check sequence number in the system. Updated EFT last check sequence number to 4009, alert message is displayed since the system's last check sequence is greater than the number entered. Alert message will also be displayed if user input last check sequence number greater than the maximum(system's) last check sequence number.



Accounts Payable > Setup > Local Tables > Control File – Check tab – Alert pop-up

Click on [**Continue**] to update the EFT last check sequence number. Click on [**Cancel**] to abort the update of last check sequence number. Alert message will not be displayed if the updated last check sequence is equal to the maximum(system's) last check sequence number.

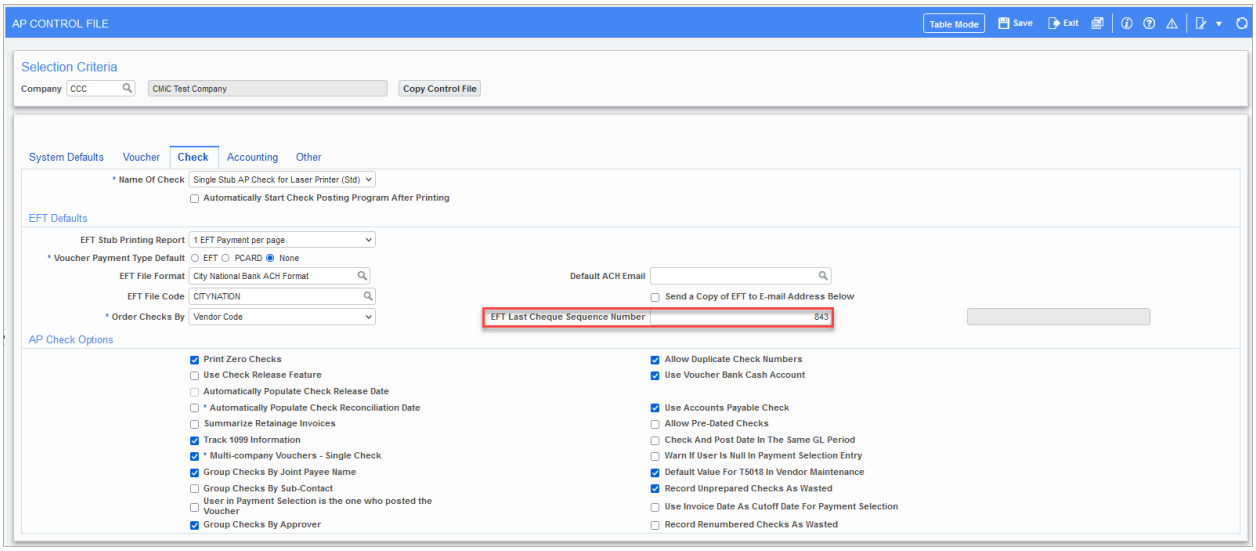


Accounts Payable > Setup > Local Tables > Control File – Check tab

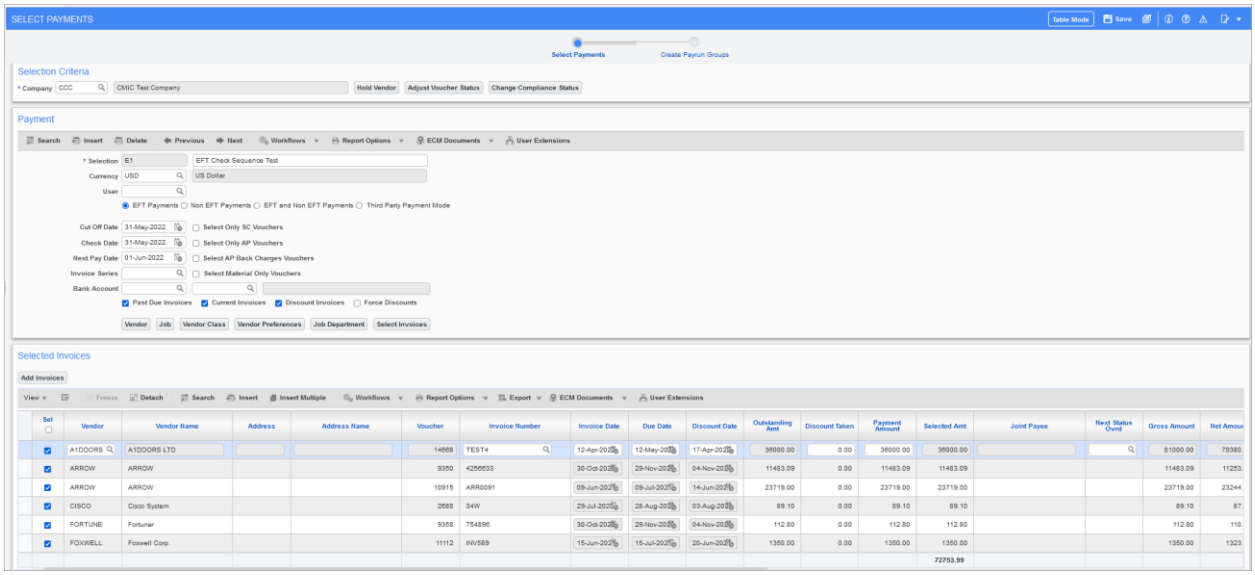
Implementation

Selection Code: E1

EFT Last Check Sequence Number for CCC company: 843

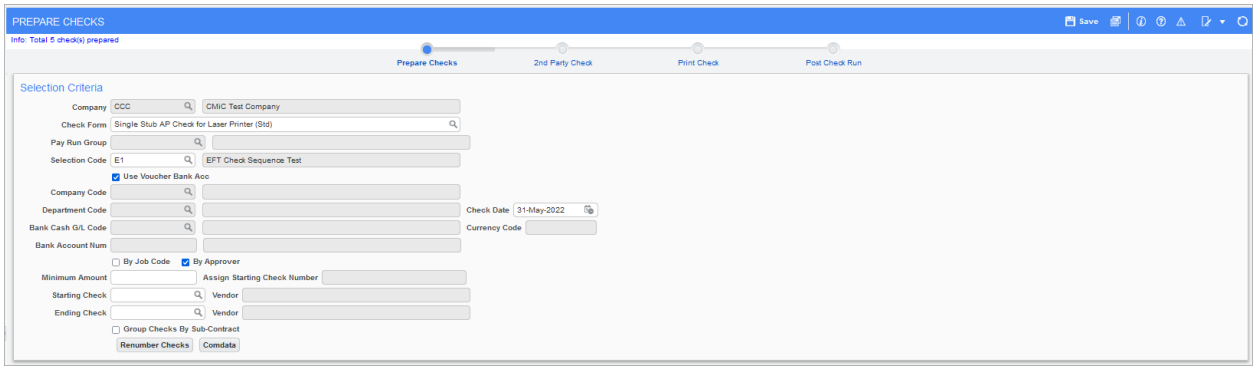


Accounts Payable > Setup > Local Tables > Control File – Check tab

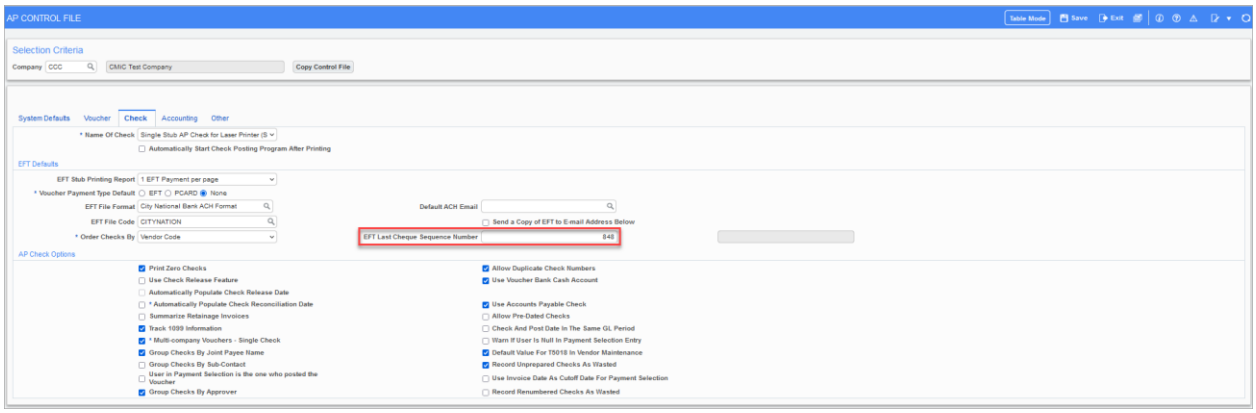


Accounts Payable > Payment > Select Payments

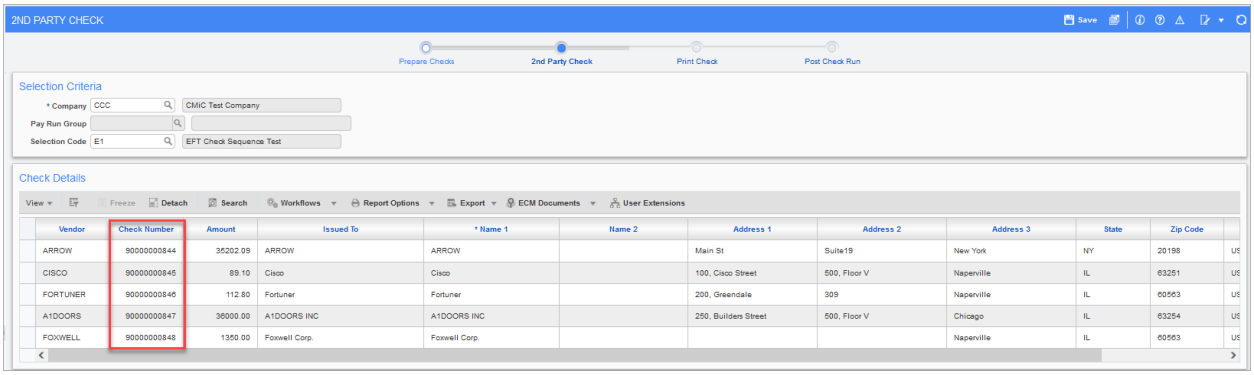
Prepare Checks for E1 selection code



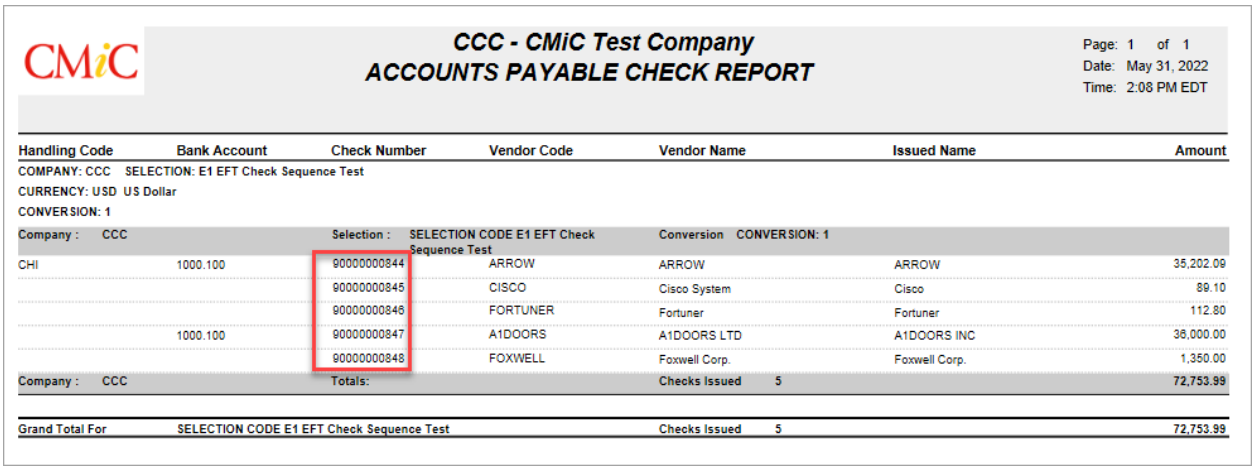
Accounts Payable > Payment > Print Checks – Prepare Checks



Accounts Payable > Setup > Local Tables > Control File – Check tab



Accounts Payable > Payment > Print Checks – 2nd Party Checks



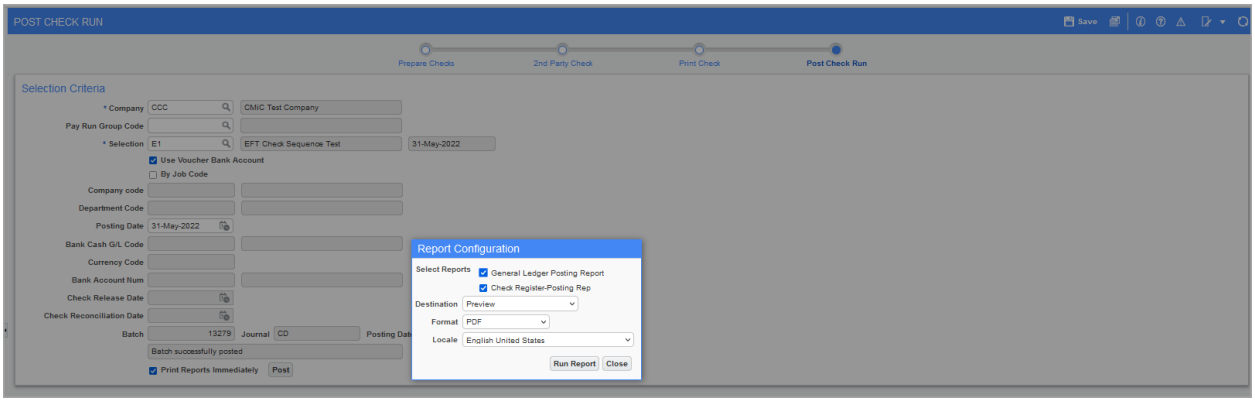
CMiC

CCC - CMiC Test Company
ACCOUNTS PAYABLE CHECK REPORT

Page: 1 of 1
Date: May 31, 2022
Time: 2:08 PM EDT

Handling Code	Bank Account	Check Number	Vendor Code	Vendor Name	Issued Name	Amount
COMPANY: CCC SELECTION: E1 EFT Check Sequence Test						
CURRENCY: USD US Dollar						
CONVERSION: 1						
Company : CCC		Selection :	SELECTION CODE E1 EFT Check Sequence Test	Conversion CONVERSION: 1		
CHI	1000.100	90000000844	ARROW	ARROW	ARROW	35,202.09
		90000000845	CISCO	Cisco System	Cisco	89.10
		90000000846	FORTUNER	Fortuner	Fortuner	112.80
	1000.100	90000000847	A1DOORS	A1DOORS LTD	A1DOORS INC	36,000.00
		90000000848	FOXWELL	Foxwell Corp.	Foxwell Corp.	1,350.00
Company : CCC		Totals:		Checks Issued 5		72,753.99
Grand Total For	SELECTION CODE E1 EFT Check Sequence Test			Checks Issued 5		72,753.99

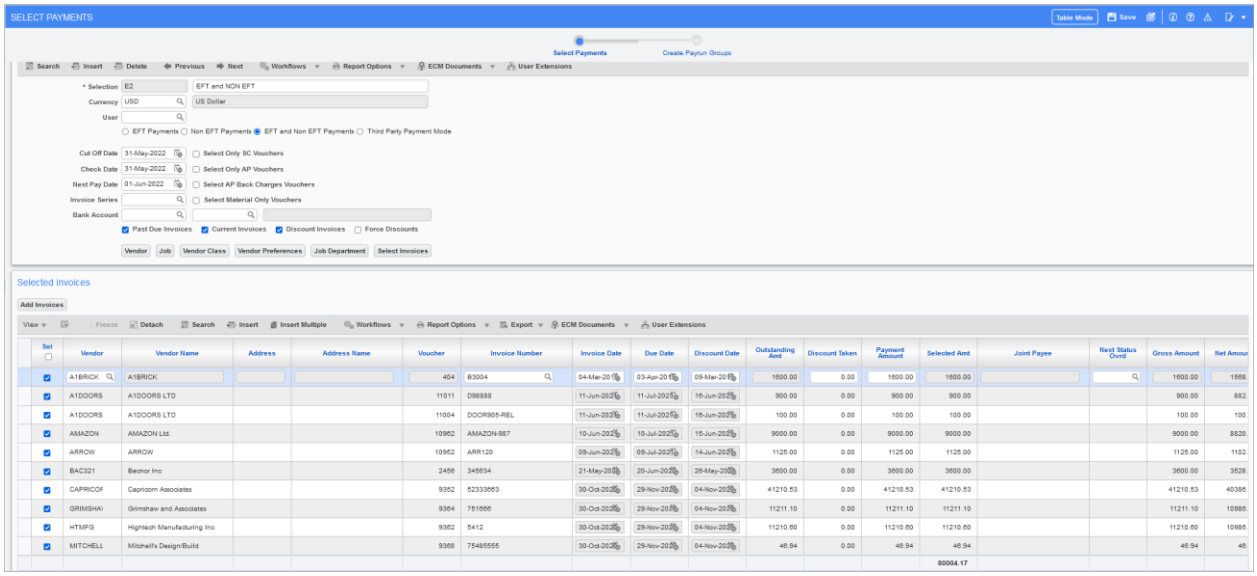
AP Check Report



Accounts Payable > Payment > Print Checks – Post Check Run

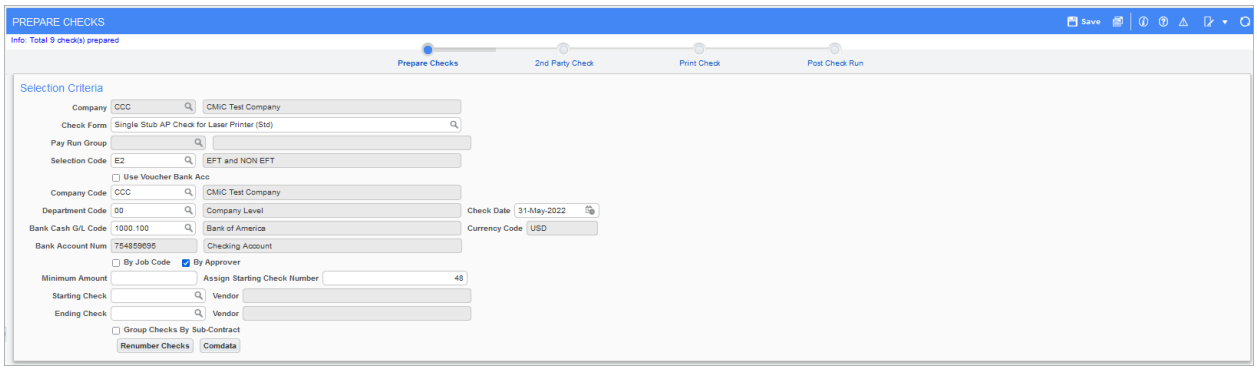
EFT and NON-EFT Checks

Selection Code: E2

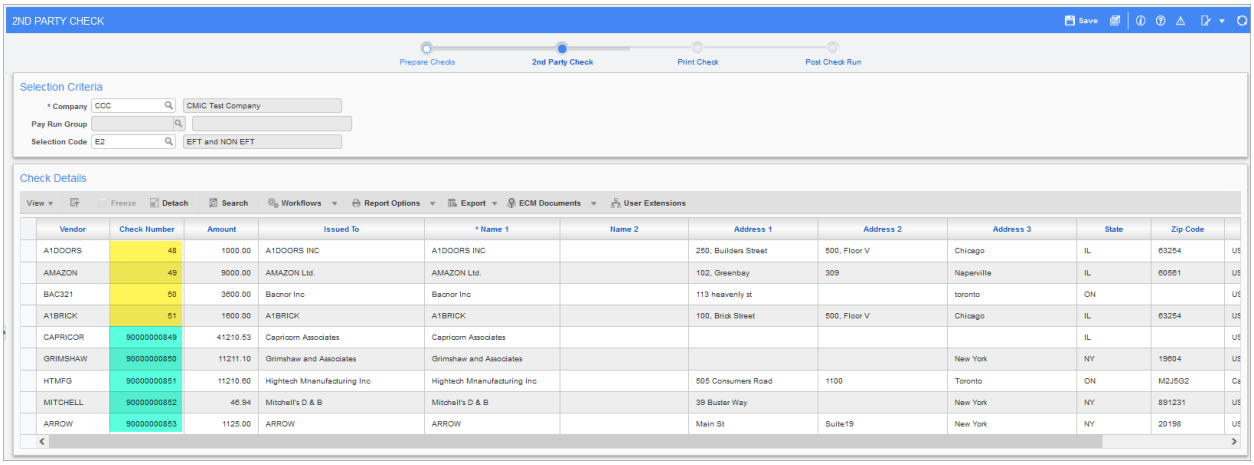


Accounts Payable > Payment > Select Payments

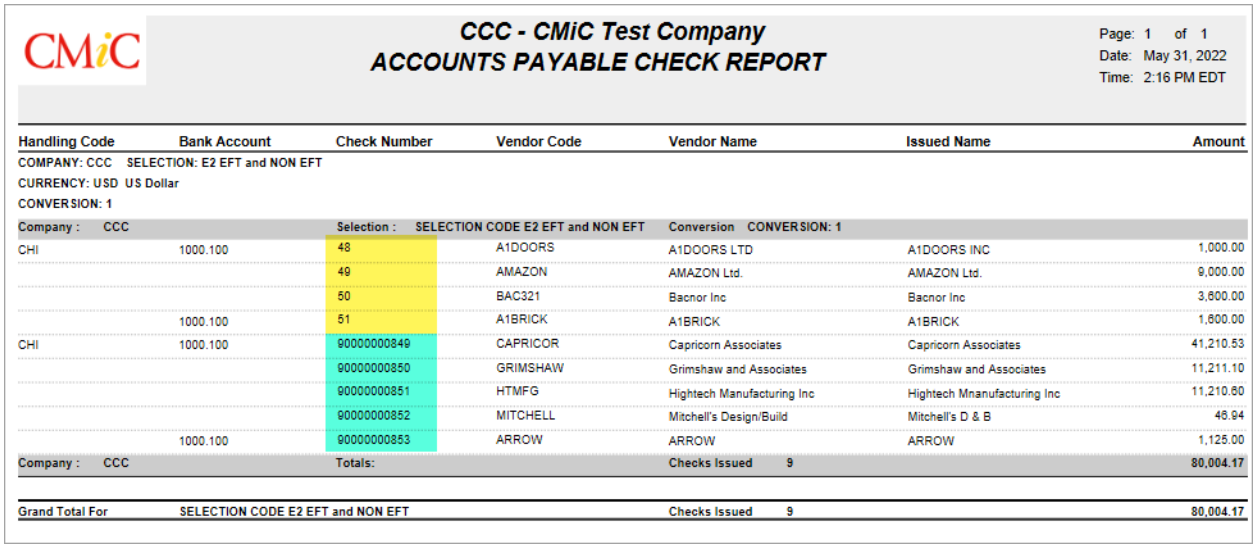
Prepare Checks



Accounts Payable > Payment > Print Checks – Prepare Checks



Accounts Payable > Payment > Print Checks – 2nd Party Checks



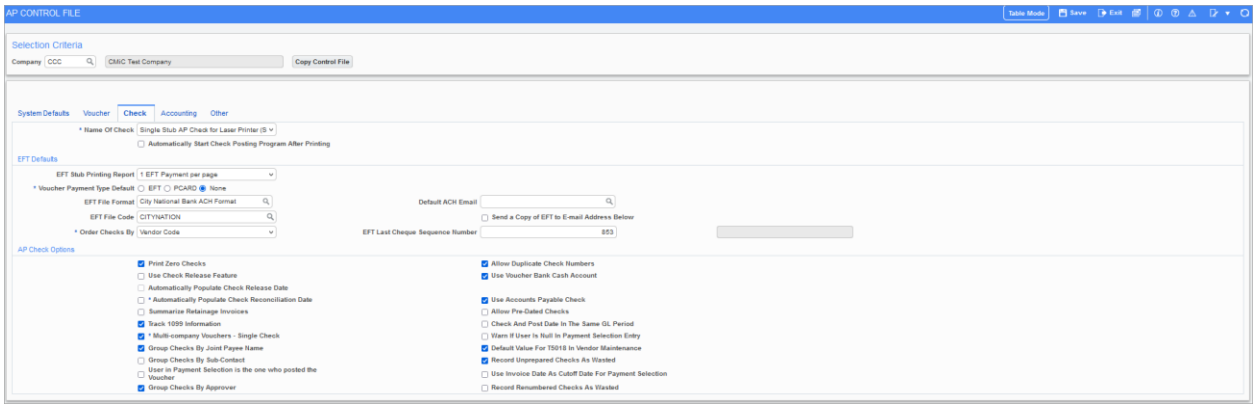
CMiC

CCC - CMiC Test Company
ACCOUNTS PAYABLE CHECK REPORT

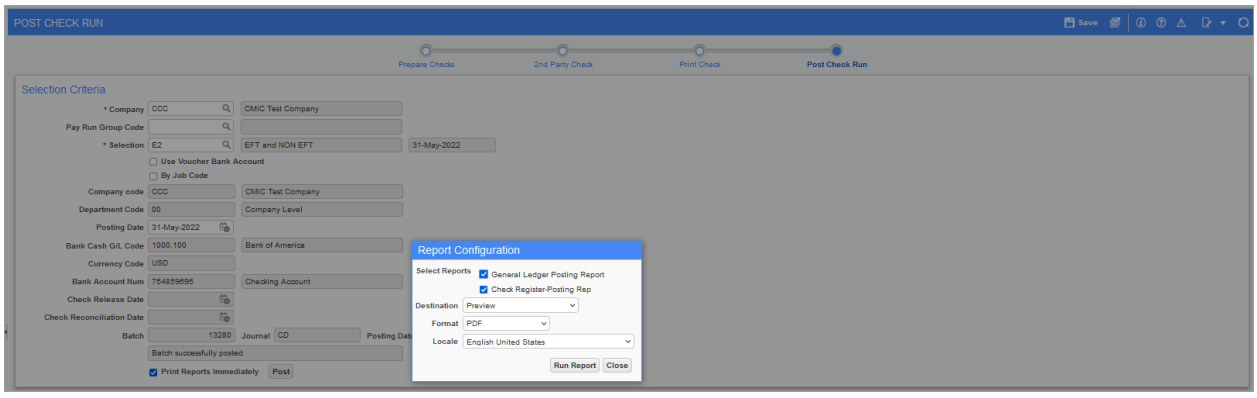
Page: 1 of 1
Date: May 31, 2022
Time: 2:16 PM EDT

Handling Code	Bank Account	Check Number	Vendor Code	Vendor Name	Issued Name	Amount
COMPANY: CCC SELECTION: E2 EFT and NON EFT						
CURRENCY: USD US Dollar						
CONVERSION: 1						
Company : CCC		Selection : SELECTION CODE E2 EFT and NON EFT		Conversion CONVERSION: 1		
CHI	1000.100	48	A1DOORS	A1DOORS LTD	A1DOORS INC	1,000.00
		49	AMAZON	AMAZON Ltd.	AMAZON Ltd.	9,000.00
		50	BAC321	Bacnor Inc	Bacnor Inc	3,600.00
	1000.100	51	A1BRICK	A1BRICK	A1BRICK	1,600.00
CHI	1000.100	90000000849	CAPRICOR	Capricorn Associates	Capricorn Associates	41,210.53
		90000000850	GRIMSHAW	Grimshaw and Associates	Grimshaw and Associates	11,211.10
		90000000851	HTMFG	Hightech Manufacturing Inc	Hightech Mnanufacturing Inc	11,210.60
		90000000852	MITCHELL	Mitchell's Design/Build	Mitchell's D & B	46.94
	1000.100	90000000853	ARROW	ARROW	ARROW	1,125.00
Company : CCC		Totals:		Checks Issued 9		80,004.17
Grand Total For	SELECTION CODE E2 EFT and NON EFT			Checks Issued 9		80,004.17

AP Check Report

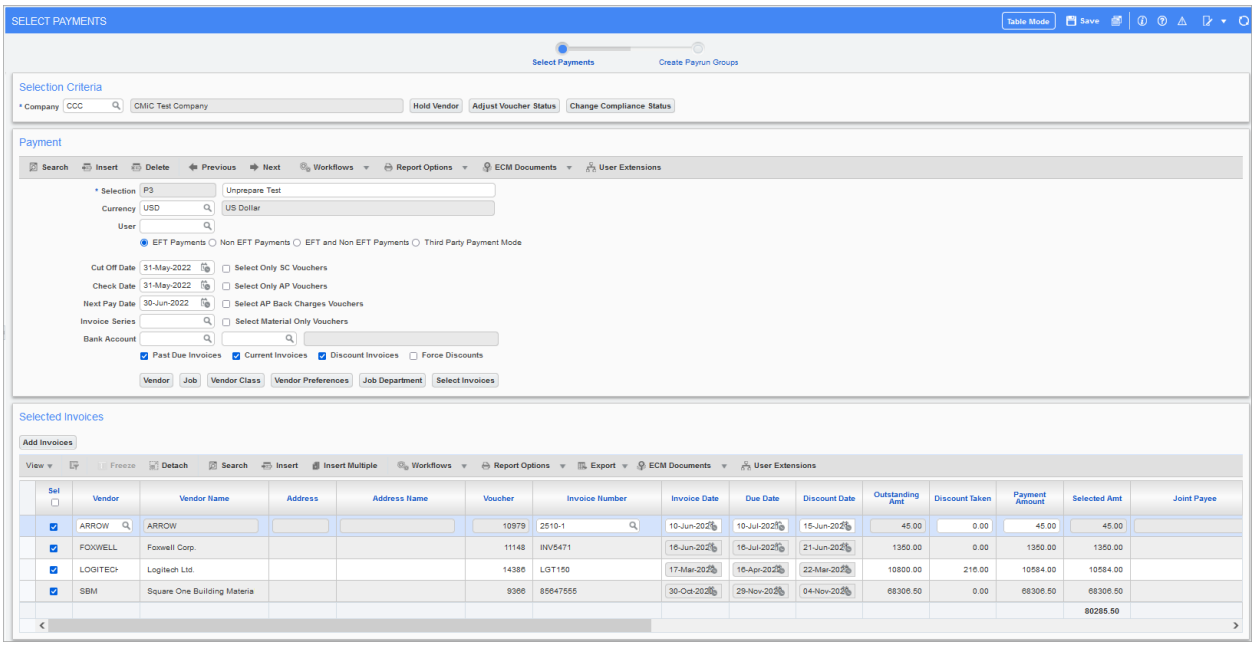


Accounts Payable > Setup > Local Tables > Control File – Check tab



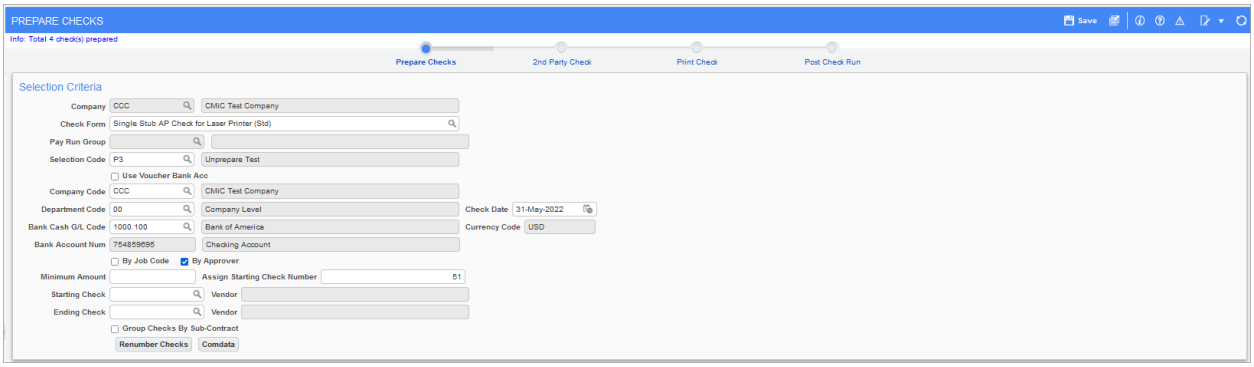
Un-prepare Checks

Selection Code: P3

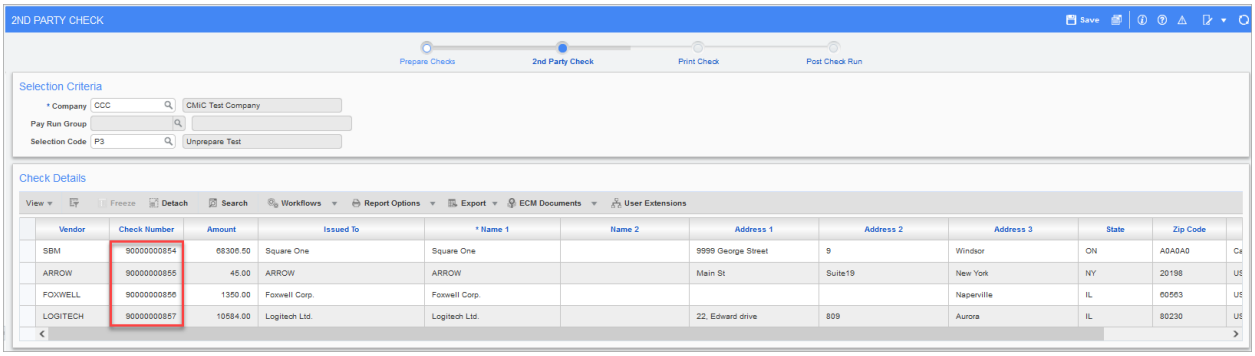


Accounts Payable > Payment > Select Payments

Prepare Checks

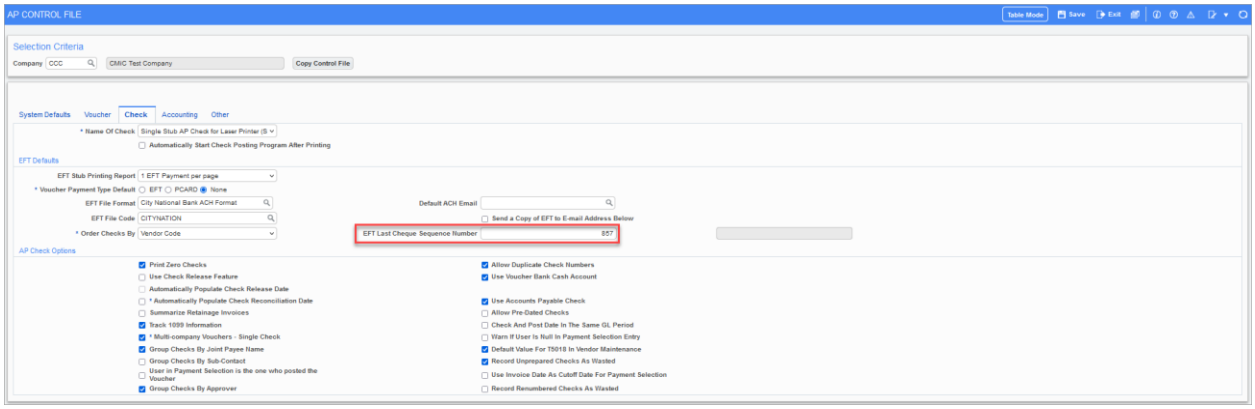


Accounts Payable > Payment > Print Checks – Prepare Checks



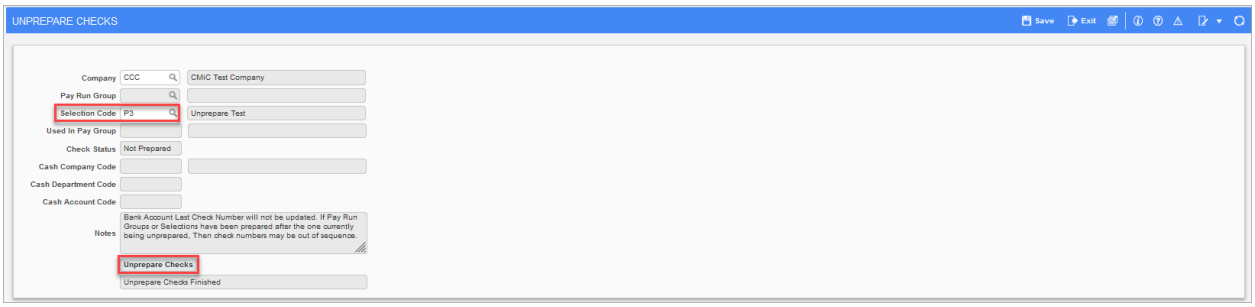
Accounts Payable > Payment > Print Checks – 2nd Party Checks

EFT Last Check Sequence is updated to 857.



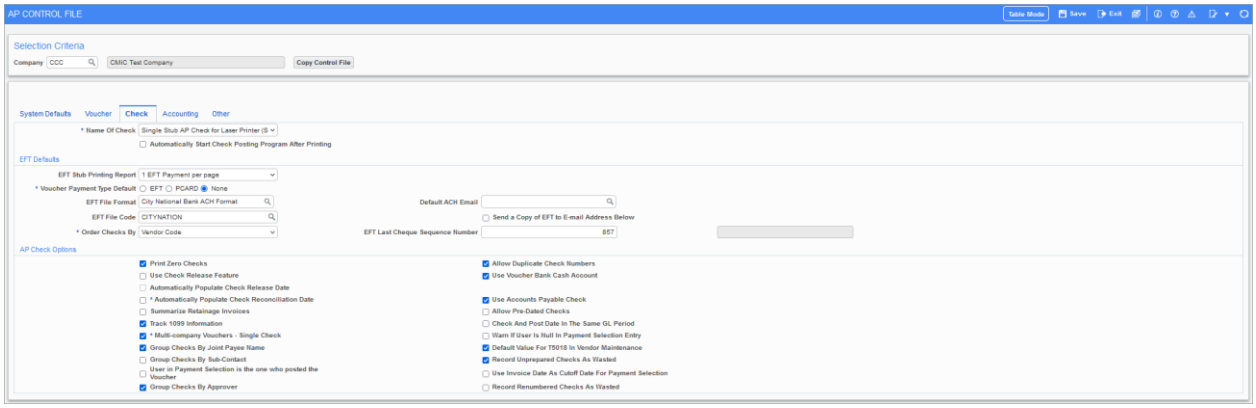
Accounts Payable > Setup > Local Tables > Control File – Check tab

Unprepare Checks for selection code P3.



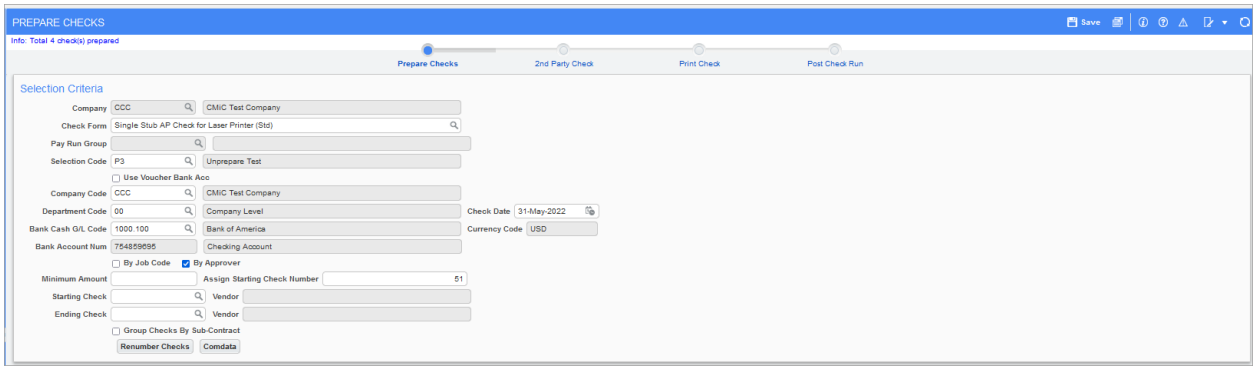
Accounts Payable > Utilities > Unprepare Checks

EFT Last Check Sequence number is still 857.

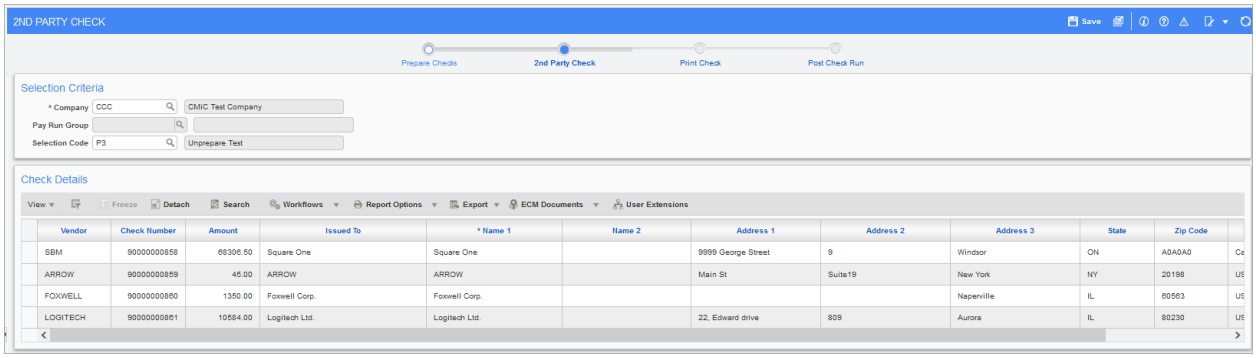


Accounts Payable > Setup > Local Tables > Control File – Check tab

Prepare Checks for selection code P3.

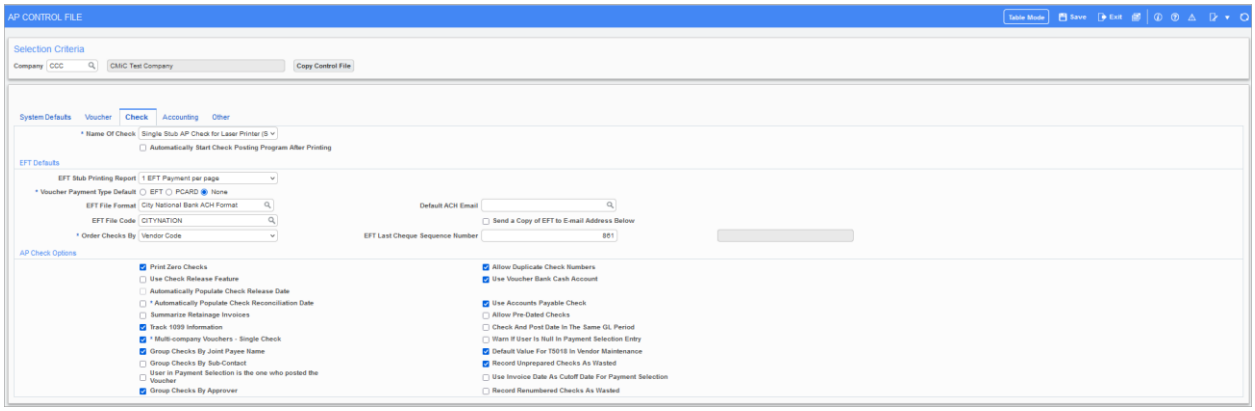


Accounts Payable > Payment > Print Checks – Prepare Checks



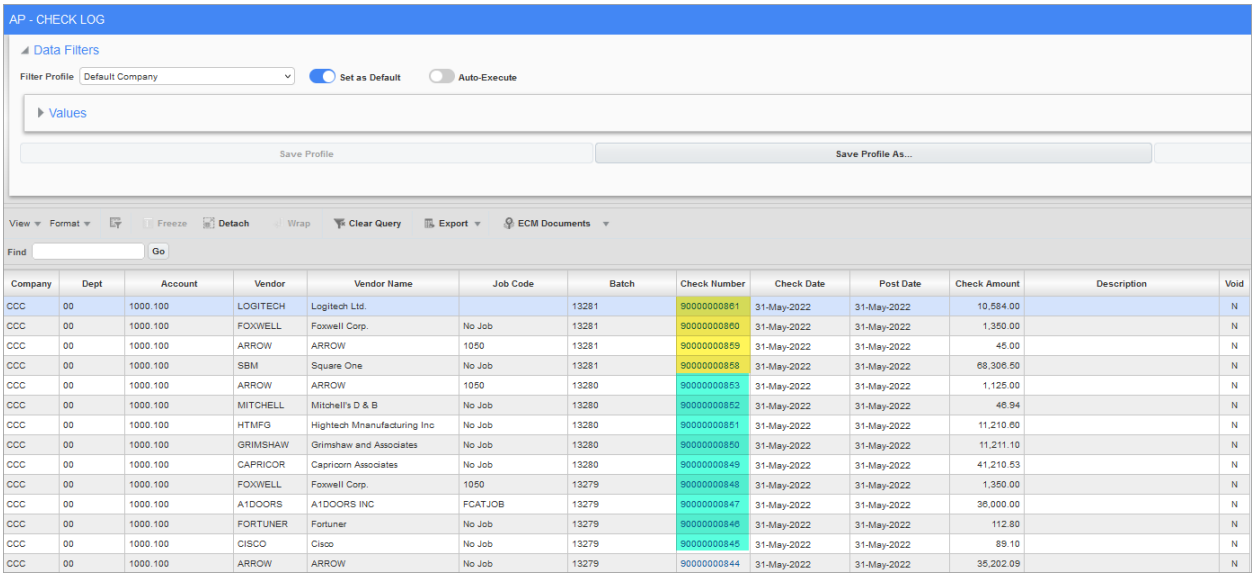
Accounts Payable > Payment > Print Checks – 2nd Party Checks

EFT Last Check sequence number is control file is updated to 861.



Accounts Payable > Setup > Local Tables > Control File – Check tab

If Checks are unprepared, unprepared check numbers will be skipped.

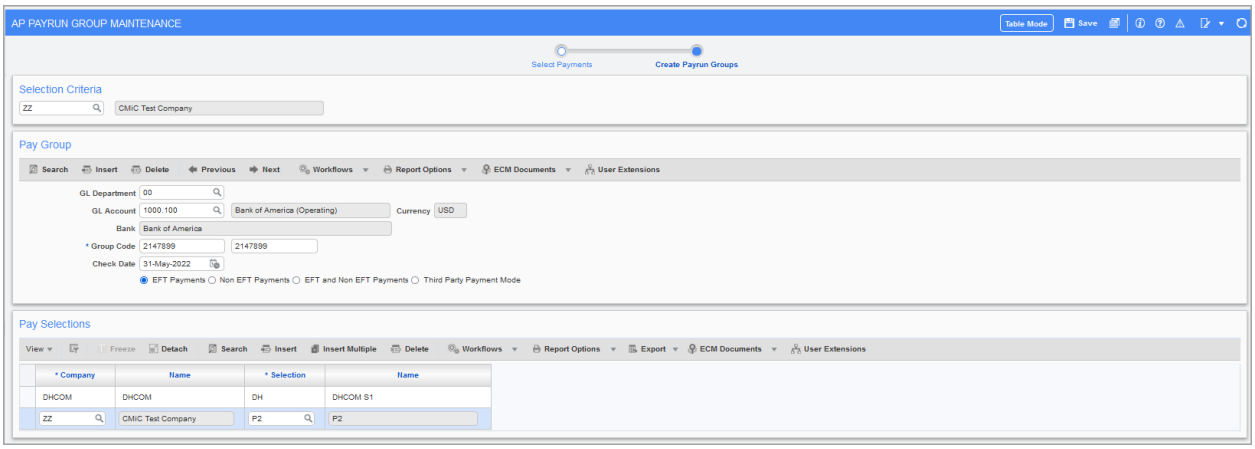


Company	Dept	Account	Vendor	Vendor Name	Job Code	Batch	Check Number	Check Date	Post Date	Check Amount	Description	Void
CCC	00	1000.100	LOGITECH	Logitech Ltd.		13281	90000000861	31-May-2022	31-May-2022	10,584.00		N
CCC	00	1000.100	FOXWELL	Foxwell Corp.	No Job	13281	90000000860	31-May-2022	31-May-2022	1,350.00		N
CCC	00	1000.100	ARROW	ARROW	1050	13281	90000000859	31-May-2022	31-May-2022	45.00		N
CCC	00	1000.100	SBM	Square One	No Job	13281	90000000858	31-May-2022	31-May-2022	68,306.50		N
CCC	00	1000.100	ARROW	ARROW	1050	13280	90000000853	31-May-2022	31-May-2022	1,125.00		N
CCC	00	1000.100	MITCHELL	Mitchell's D & B	No Job	13280	90000000852	31-May-2022	31-May-2022	46.94		N
CCC	00	1000.100	HTMFG	Hightech Mnanufacturing Inc	No Job	13280	90000000851	31-May-2022	31-May-2022	11,210.60		N
CCC	00	1000.100	GRIMSHAW	Grimshaw and Associates	No Job	13280	90000000850	31-May-2022	31-May-2022	11,211.10		N
CCC	00	1000.100	CAPRICOR	Capricorn Associates	No Job	13280	90000000849	31-May-2022	31-May-2022	41,210.53		N
CCC	00	1000.100	FOXWELL	Foxwell Corp.	1050	13279	90000000848	31-May-2022	31-May-2022	1,350.00		N
CCC	00	1000.100	A1DOORS	A1DOORS INC	FCATJOB	13279	90000000847	31-May-2022	31-May-2022	36,000.00		N
CCC	00	1000.100	FORTUNER	Fortuner	No Job	13279	90000000846	31-May-2022	31-May-2022	112.80		N
CCC	00	1000.100	CISCO	Cisco	No Job	13279	90000000845	31-May-2022	31-May-2022	89.10		N
CCC	00	1000.100	ARROW	ARROW	No Job	13279	90000000844	31-May-2022	31-May-2022	35,202.09		N

AP Check Logs

Pay Run Group

Selection code is selected from DHCOM and ZZ company for pay run group 2147899.



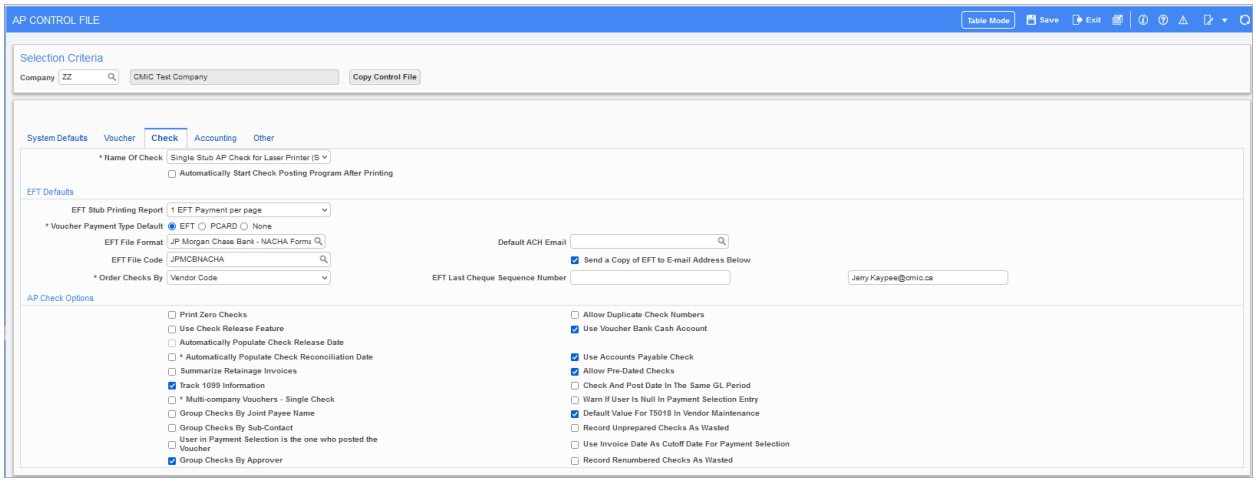
Accounts Payable > Payment > Select Payments – Pay Run group

EFT Last Check Sequence number:

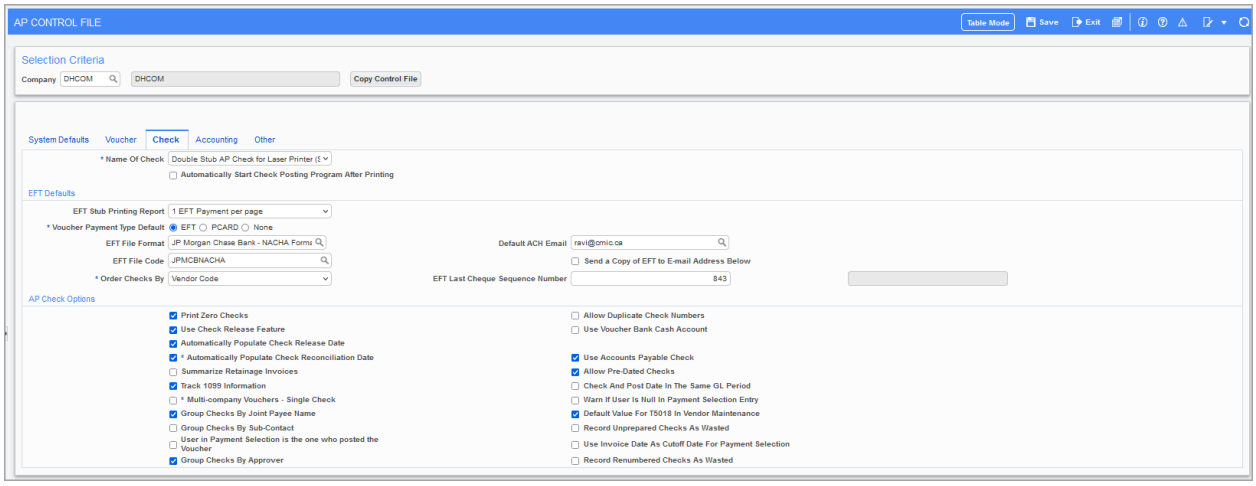
DHCOM – 843

ZZ – NULL

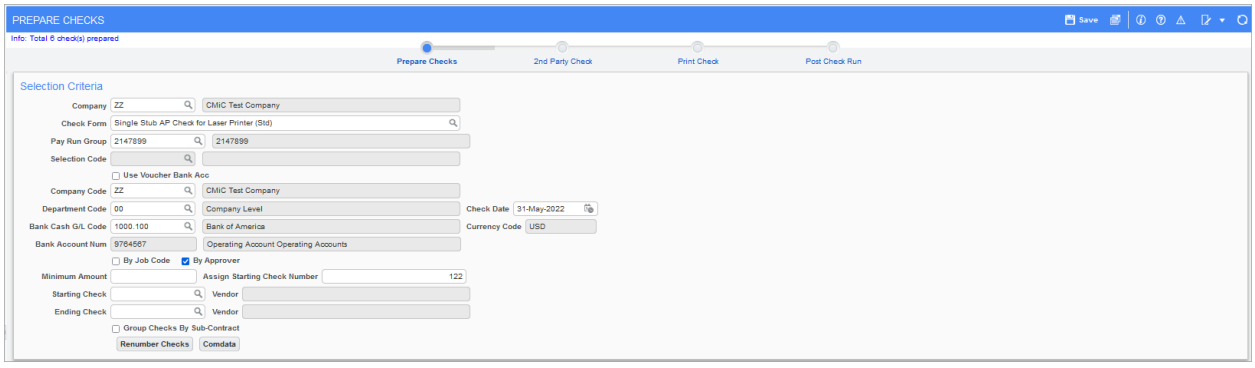
In the pay run group, paying company is ZZ. System will use EFT last check sequence number from ZZ company control file. Since, the value is NULL, system will start numbering from 1.



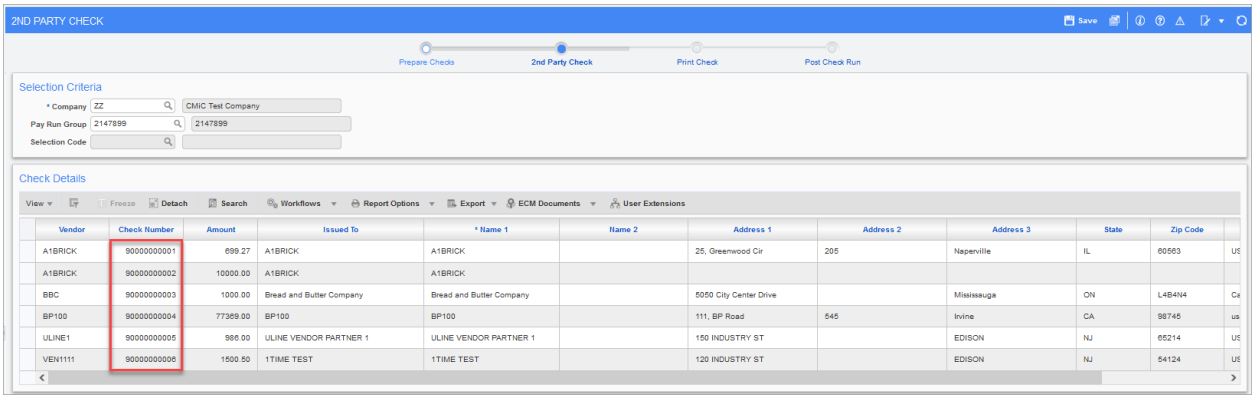
Accounts Payable > Setup > Local Tables > Control File – Check tab



Accounts Payable > Setup > Local Tables > Control File – Check tab



Accounts Payable > Payment > Print Checks – Prepare Checks



Accounts Payable > Payment > Print Checks – 2nd Party Checks

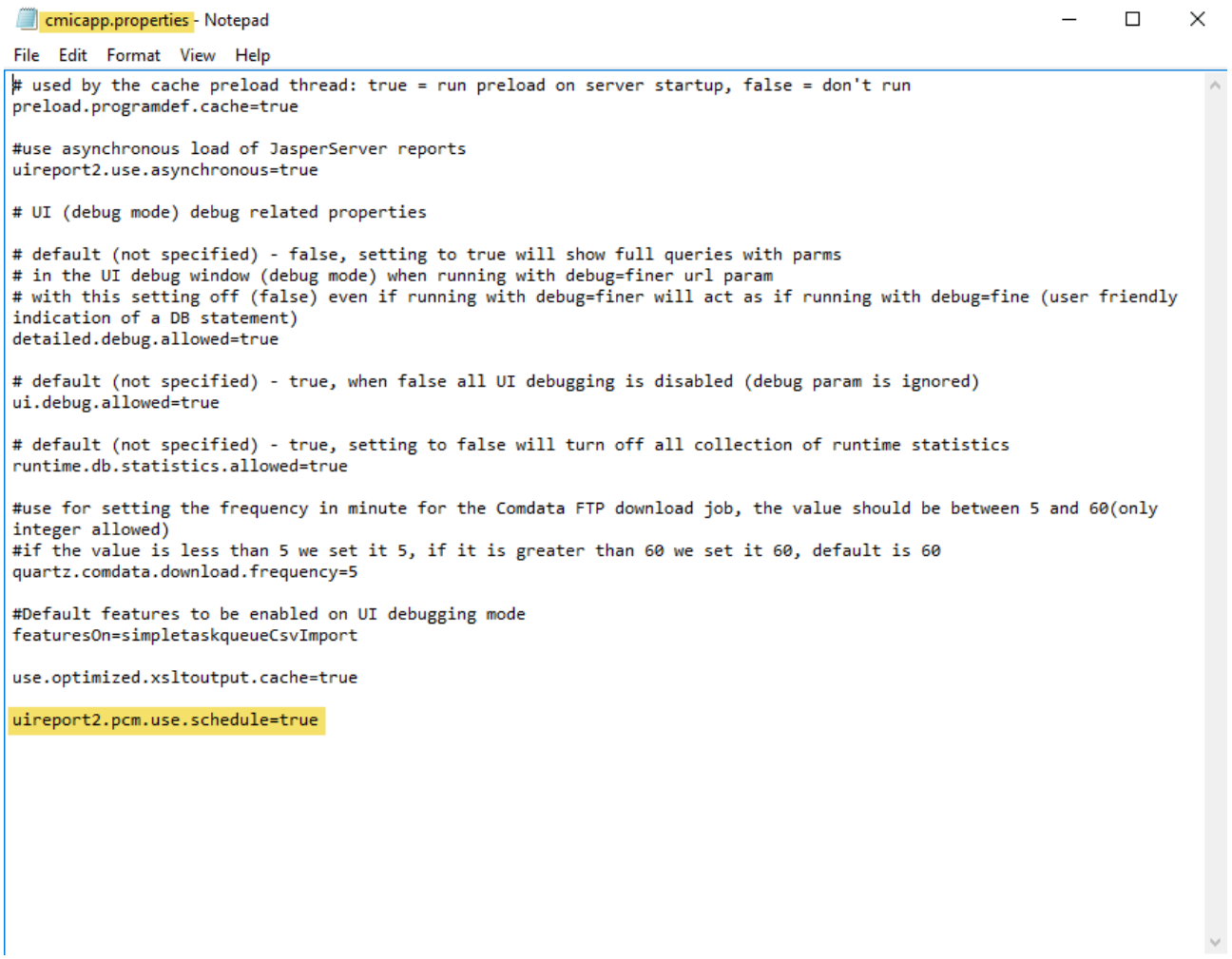
PCM Reports on Jasper Quartz to Send EFT Notifications Fast (22.55452)

A new feature is added to schedule PCM reports on Jasper Quartz for sending EFT Notifications fast. This feature is optional.

To turn on this feature, add the property below in cmicapp.properties file:

uireport2.pcm.use.schedule=true

There is no need to restart the server.



Accounts Receivable

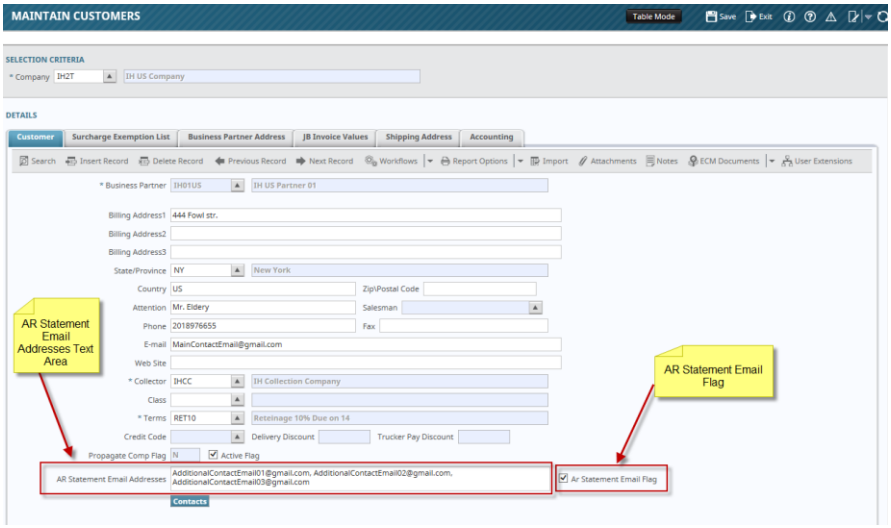
Send AR Statements to multiple customers at once (15.05946)

Overview:

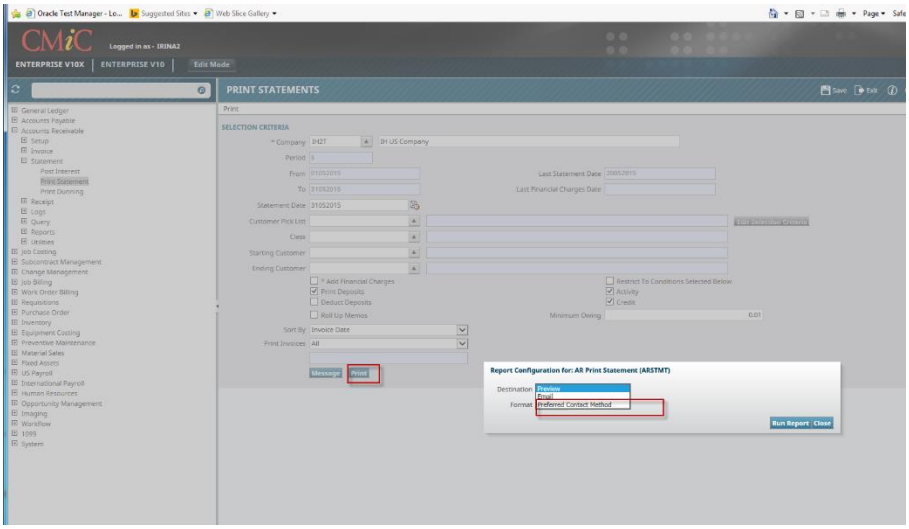
In addition to the existing E-mail field on the Maintain Customers screen CMiC has added two new fields: Check Box “AR Statement Email Flag” and Text Area “AR Statement Email Addresses” that is used to for entering multiple email addresses (coma separated). These two fields will be used for sending the AR Statement to multiple email addresses at once.

Modifications:

1. Two new fields Check Box “AR Statement Email Flag” and Text Area “AR Statement Email Addresses” have been added to the Customer Maintenance screen:



2. The additional option Preferred Contact Method has been added to Destination Drop-Down Menu 0n “Report Configuration for: AR Print Statement (ARSTMT)” for Print Statement screen:

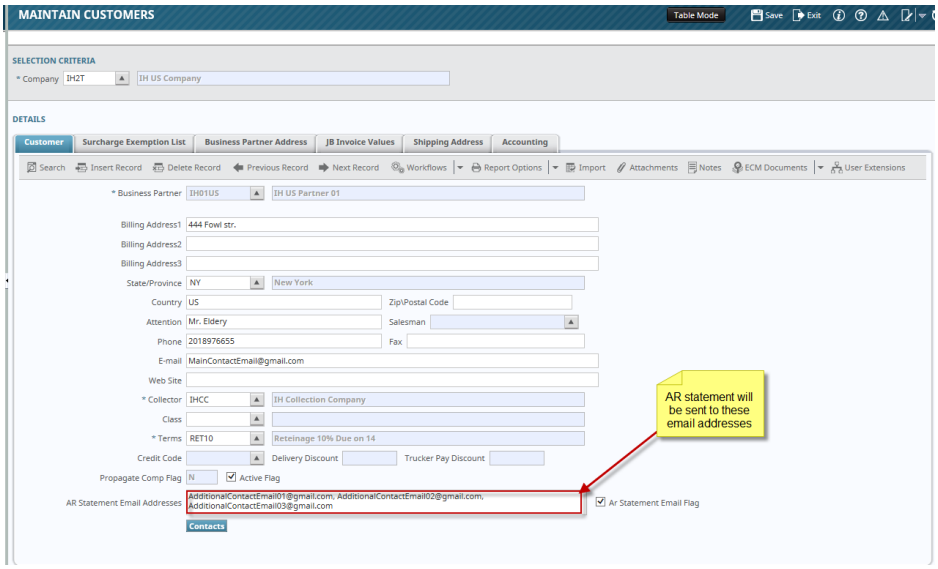


New Functionality:

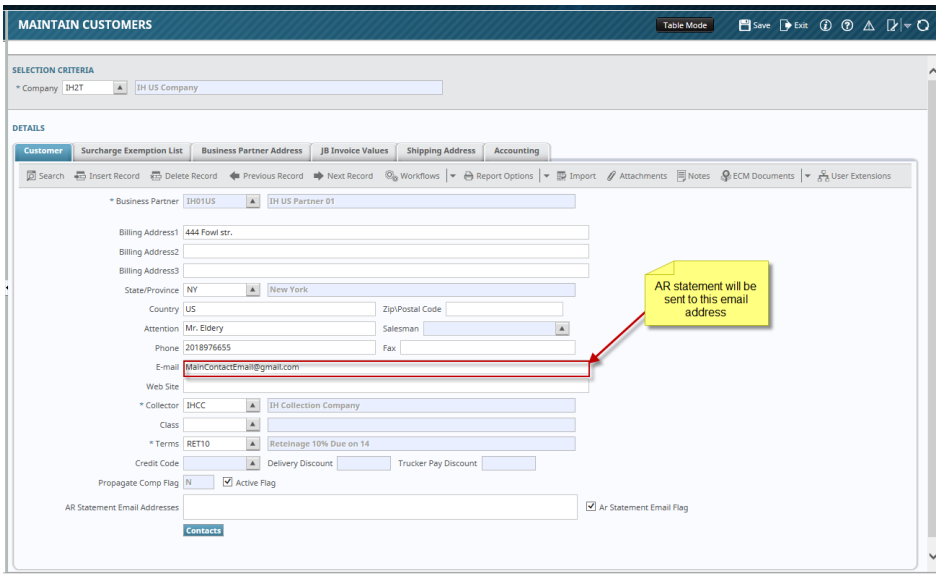
When the user presses [Print] button on the Account Receivable -> Statement -> Print Statement screen, the “Report Configuration for: AR Print Statement (ARSTMT)” pop-up window appears. In order to use new email functionality, the user should select “Preferred Contact Method” option from the Destination 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:

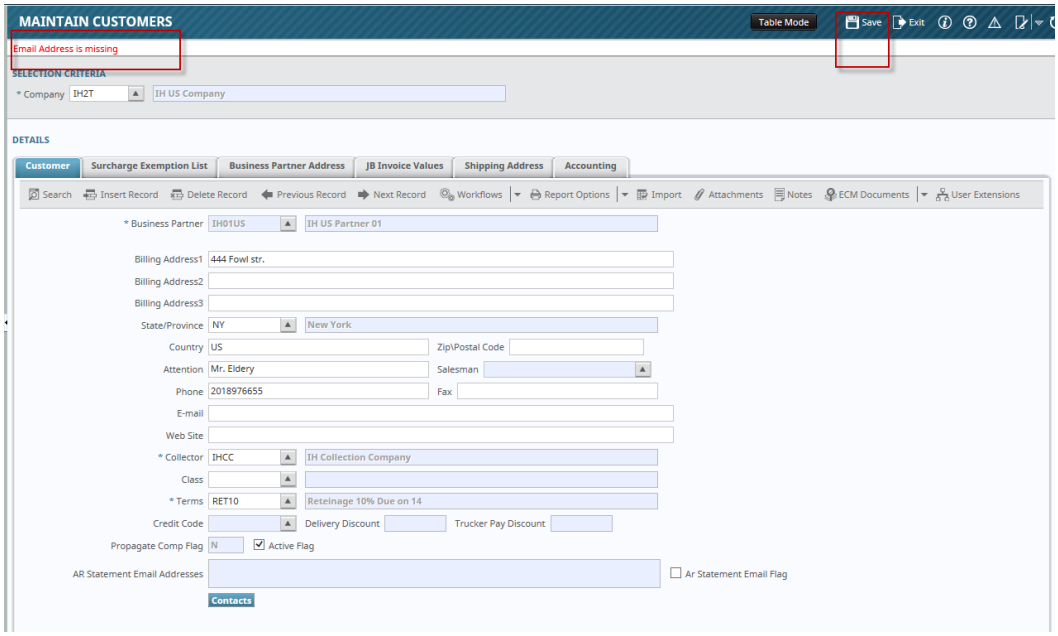
1. If the Flag is checked and the Text Area is not empty, the statement will be sent to the email addresses located the Text Area; the email address in the E-mail field will be ignored:



2. 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.



3. 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.



4. If the Flag is not checked the system will print AR statement in regular fashion.

MS Billing Invoice Address Printing Option (15.11148)

To provide the ability to print or suppress the Company Address Information in MS Billing Invoices.

Modifications:

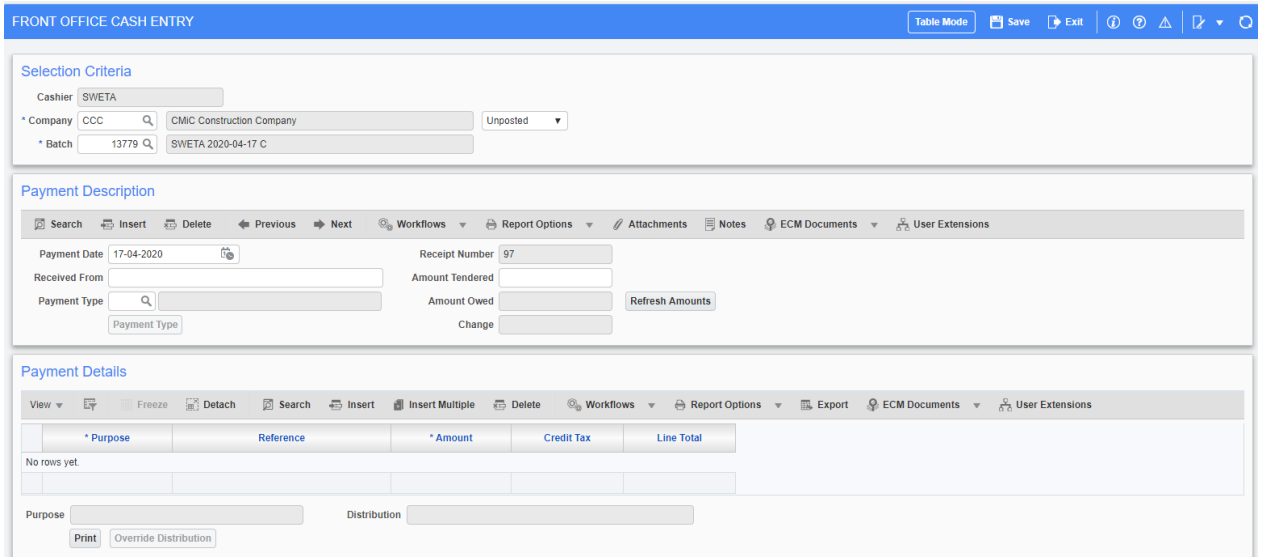
The MS Control form > Invoices Tab is modified with a new checkbox ‘Print Company Address on Invoice’.

The default value is ‘Checked’. The address information will always be printed, which is the existing functionality.

When ‘un-checked’, then the address information will NOT be printed. This enhancement is provided so that when only logo is required to be printed and that the logo may already be having the address details.

Front Office Cashier (19.84350) – BETA Version

Conversion from Forms to ADF under development.



Treasury Receipt functionality in AR Receipt Entry (20.21731)

Overview

Added Treasury Receipt functionality to 'Receipt Entry' Program.

Treasury Receipt may be used when dedicated company/department is set up to handle inter-company/department receipts.

This functionality was existing as a separate program in previous version of CMiC and now integrated into Receipt Entry Program itself in the current version.

Modifications

The following hidden fields are added to the Receipt Entry > Header Block. User must use Lite Editor to make these fields visible.

Cash Comp: Cash Company selected here, will be defaulted into the Receipt Detail Block. Cash Comp must have the same Chart Code as that of the batch company.

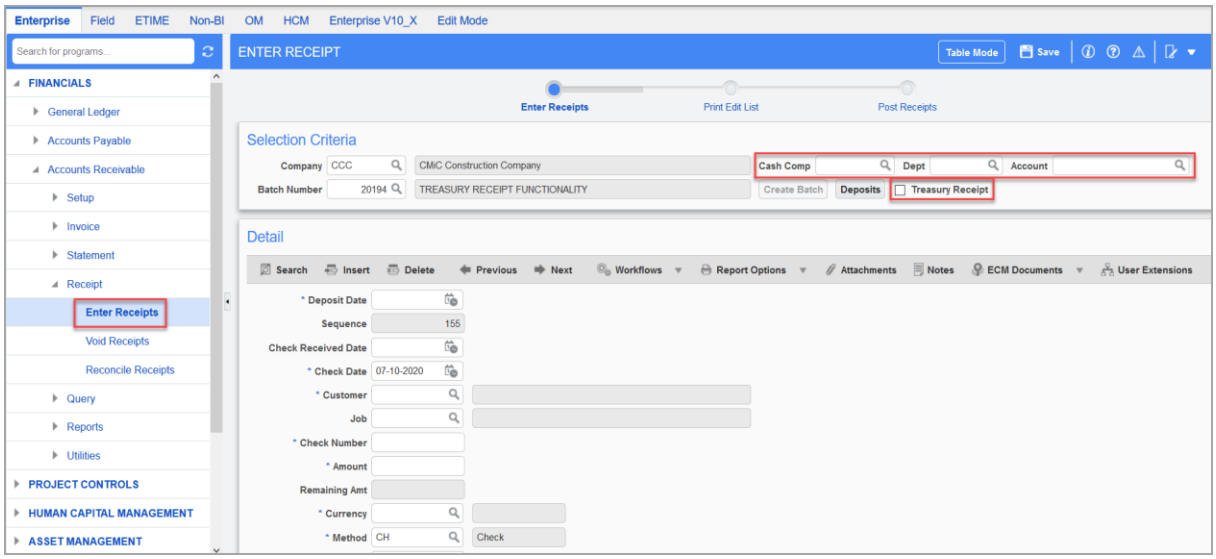
Department: Cash Department selected here, is defaulted into the receipt detail.

Account: Cash Account selected here is defaulted in receipt detail.

Treasury Receipt Checkbox

- Checked – Allows Treasury Receipts in Cash Company and allows the selection of cross company Jobs and related invoices. When Job not selected, users will be able to select cross company invoices for the same customer as well.
- Un-checked – Standard Functionality of AR Receipt Entry applies, and no inter-company jobs will be allowed to be selected.

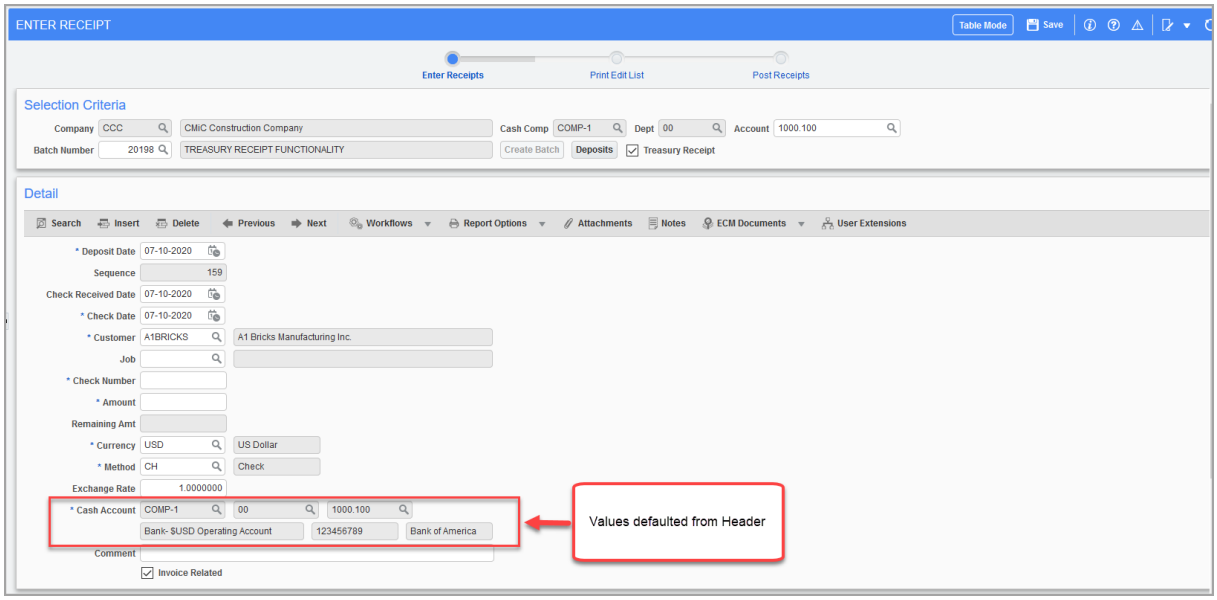
This is also a convenient way of auto-populating the cash account information, if entering multiple receipts with the same cash account.



Accounts Receivable > Receipt > Enter Receipts.

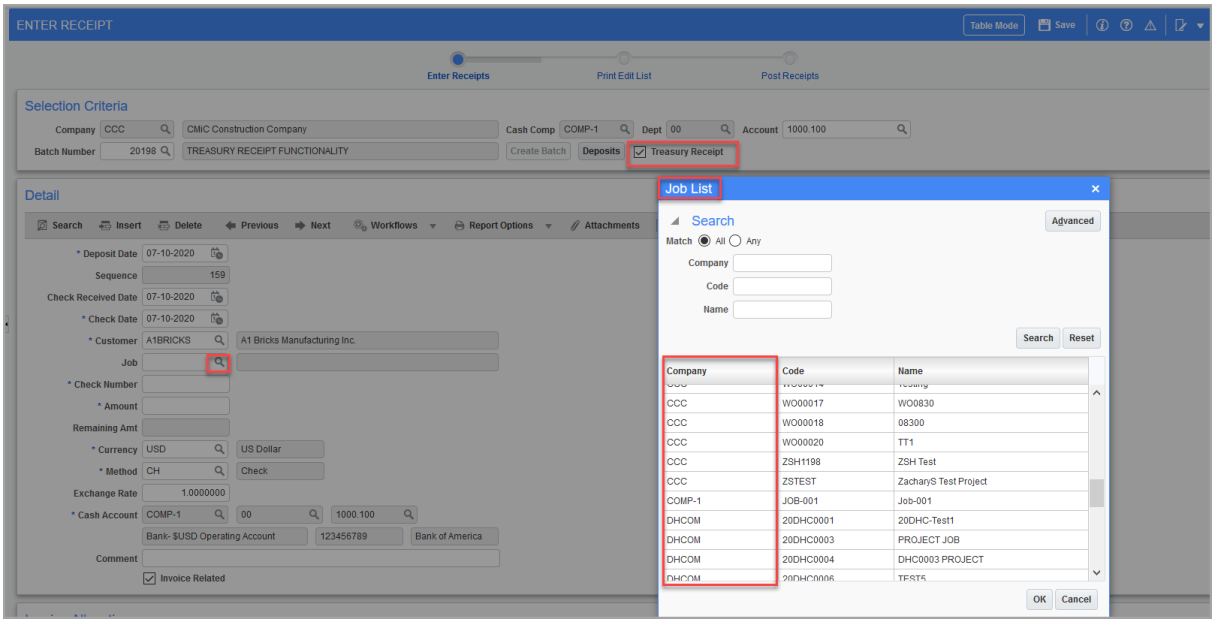
Implementation

Select Cash Company, Department and Account and check the Treasure Receipt checkbox. These values will be defaulted in the receipt detail.



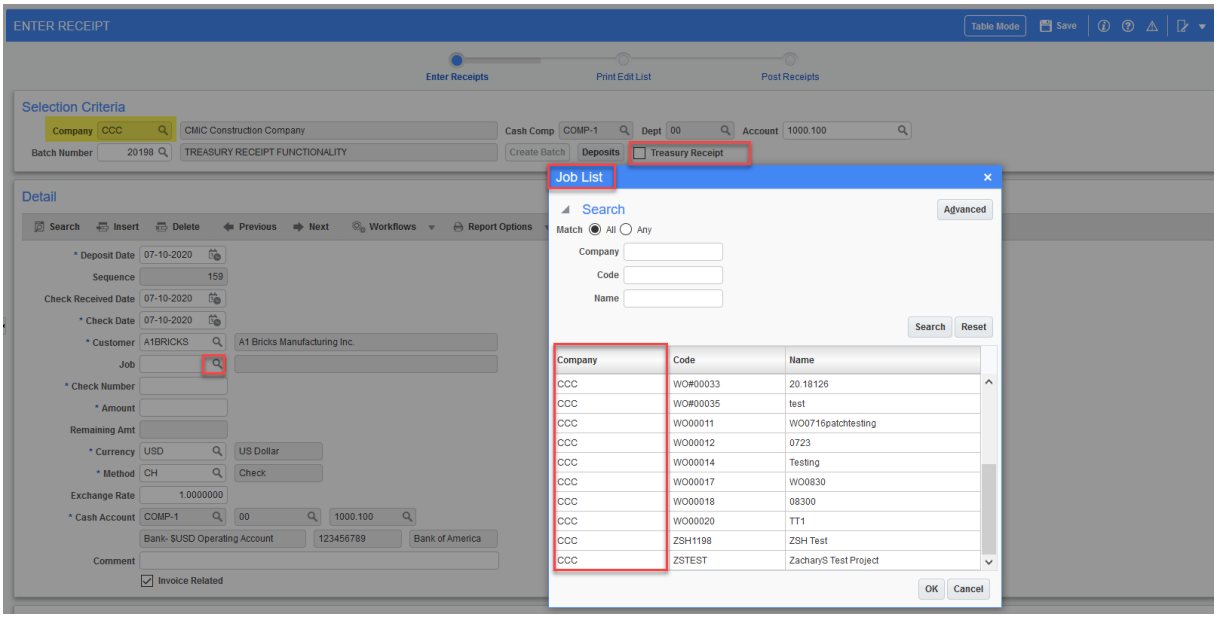
Accounts Receivable > Receipt > Enter Receipts.

Treasury Receipt checkbox is checked – Cross Company jobs are available.



Accounts Receivable > Receipt > Enter Receipts. – Job List LOV

Treasury Receipt Checkbox is un-checked – Cross company jobs are not available.
Only batch company jobs are listed in the LOV.



Accounts Receivable > Receipt > Enter Receipts – Job List LOV

New Button ‘Recalculate’ in AR Receipt Entry (20.21079)

Requirement:

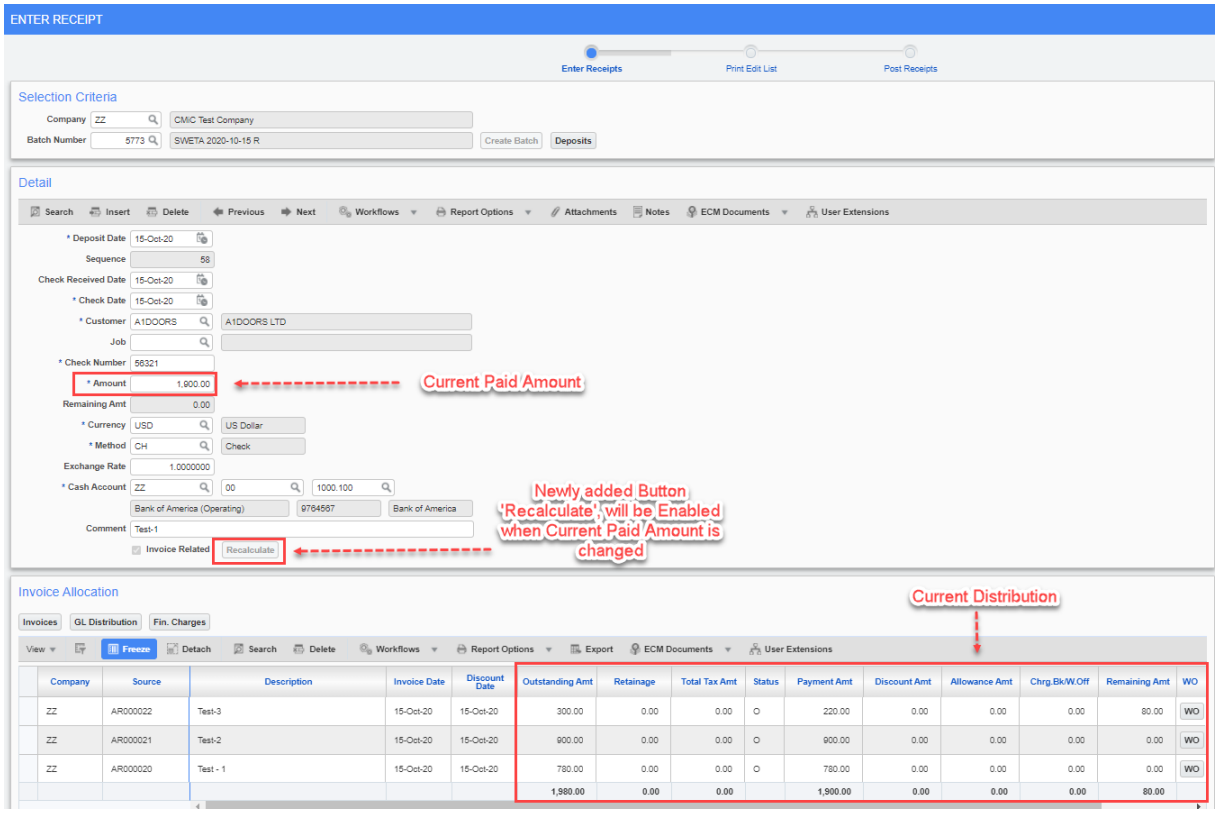
To refresh the payment amount and the detail write off amounts when user changes the amount value on the header.

Functionality Design:

A new button [**Recalculate**] is added in order to refresh the Payment amount and the detail write off amounts when user changes the amount value on the header.

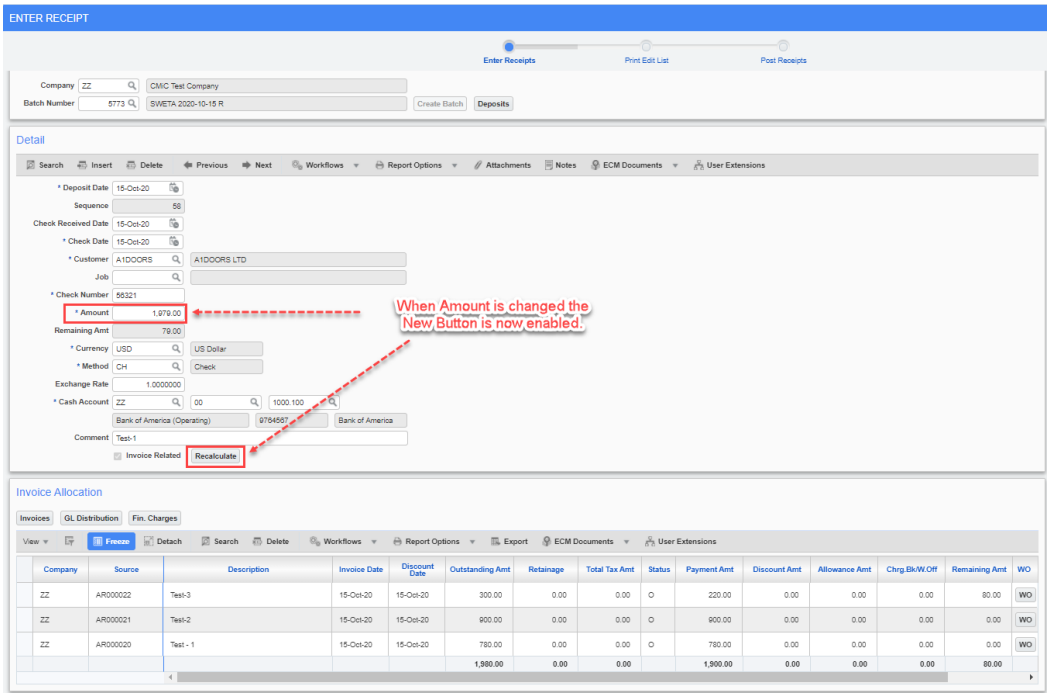
Example:

Newly added button [**Recalculate**] is Disabled by default. It gets enabled when Current Amount is changed.

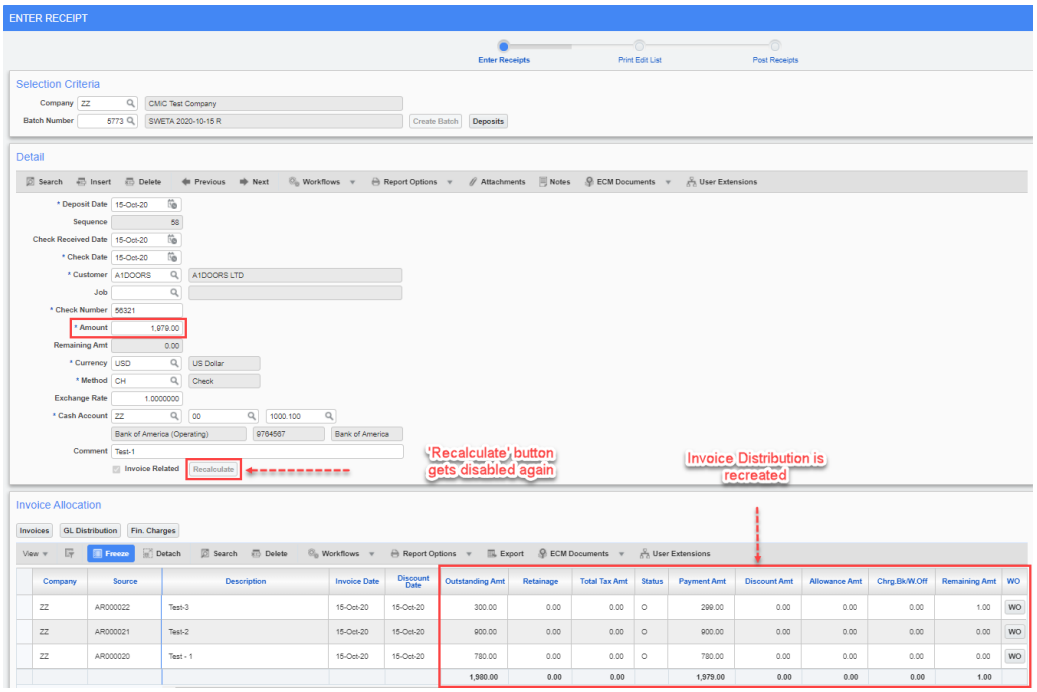


Accounts Receivable > Receipt > Enter Receipts

As soon as User changes the Current Amount, the new button [**Recalculate**] is enabled.

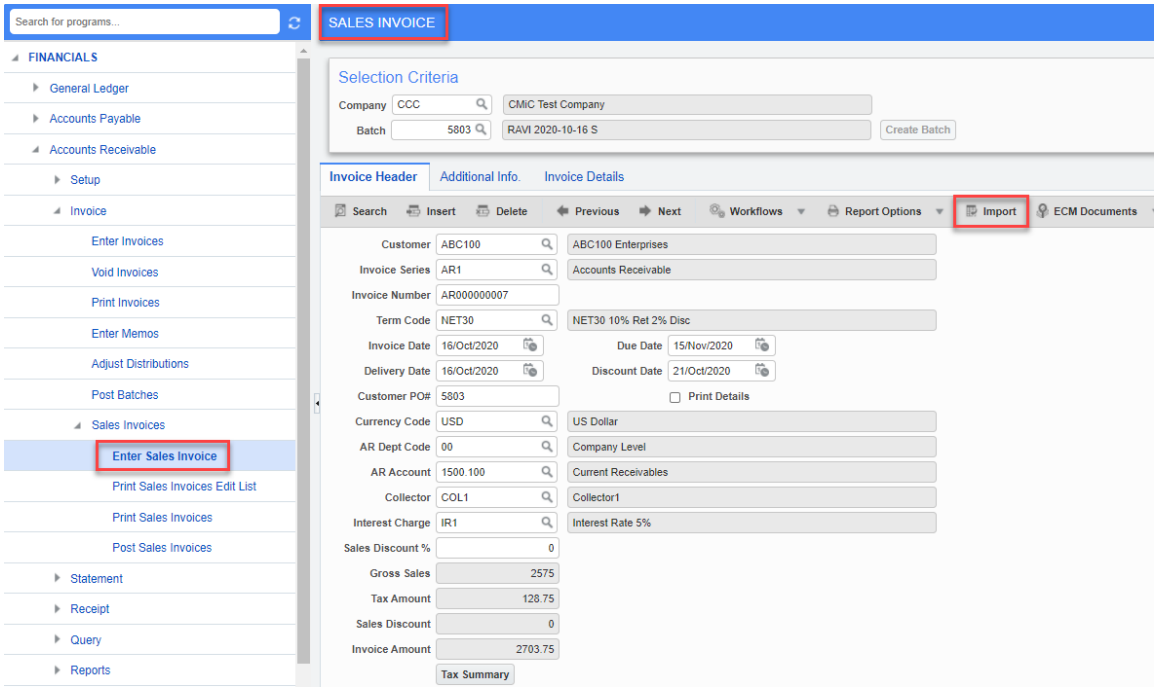


When User clicks on the [**Recalculate**] button, the payment amount and the detail write off amounts get updated.



Sales Invoice Entry – Import Button (18.56105)

Enabled [**Import**] tool button in AR Sales Invoice Entry > Invoice Header tab.



Pay when Paid Invoice Matching-New Invoice Date Column and Filtering Enabled for additional columns (20.33377)

Overview:

1.To enable the filtering option on the following three columns of the ‘Pay when Paid Invoice Matching’ program

- **Pay Status**
- **Contract** and
- **Draw**

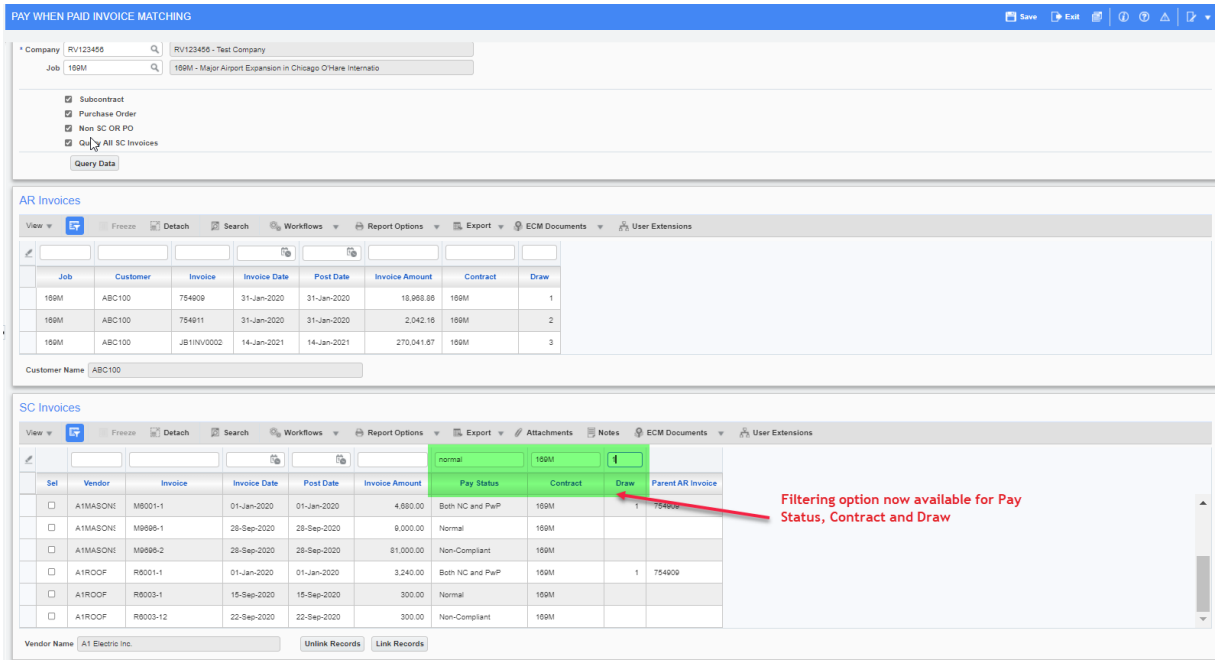
2.Also to add **Invoice Date column** on both blocks of the ‘Pay when Paid Invoice Matching’ Program.

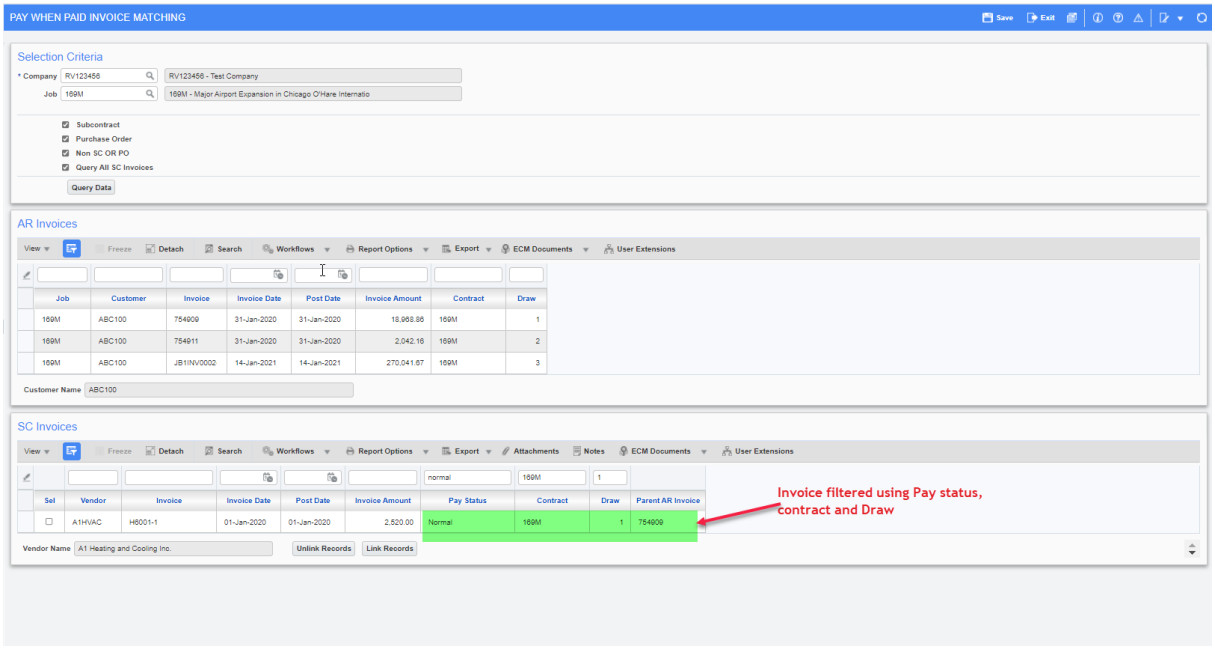
Modifications:

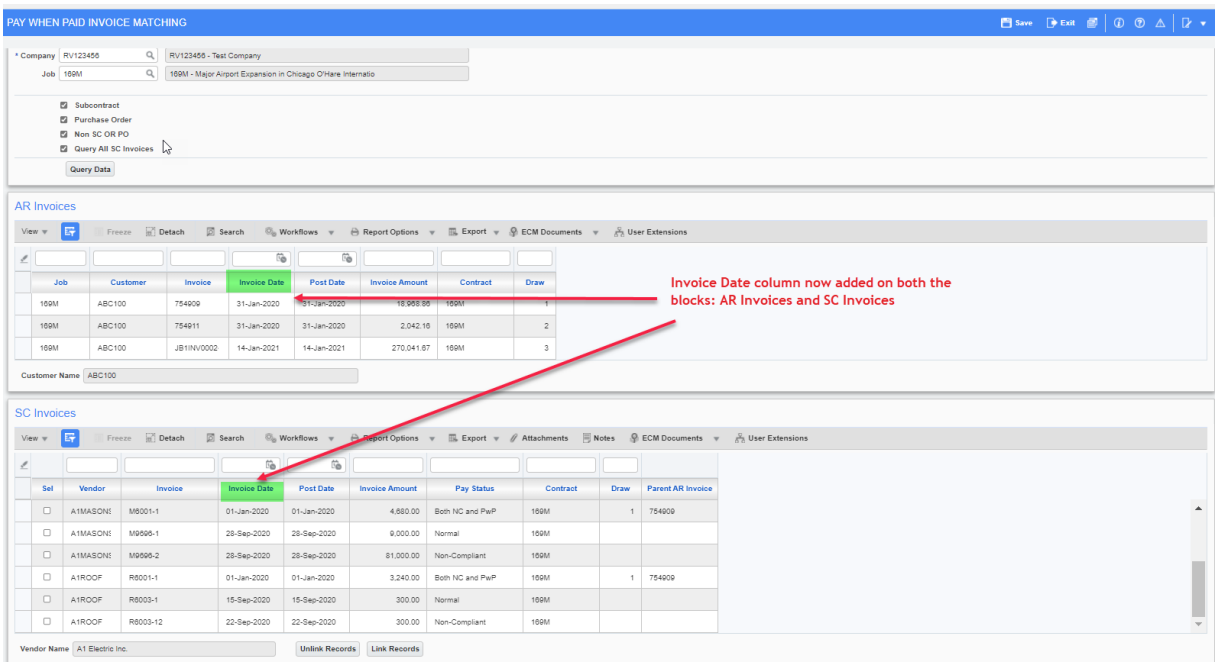
The program has been modified and the filtering option is now available for the following three columns of the ‘Pay When Paid Invoice Matching’ program: **Pay Status, Contract and Draw.**

The program has been modified and now both the AR invoices and SC invoices blocks will now have the new column: **Invoice Date.**

Screen Prints:


PAY WHEN PAID INVOICE MATCHING
Save
Exit
* Company
RV123456
RV123456 - Test Company
Job
169M
169M - Major Airport Expansion in Chicago O'Hare Internatio
Subcontract
Purchase Order
Non SC OR PO
Query All SC Invoices
Query Data
AR Invoices
View
Freeze
Detach
Search
Workflows
Report Options
Export
ECM Documents
User Extensions
Job
Customer
Invoice
Invoice Date
Post Date
Invoice Amount
Contract
Draw
169M
ABC100
754909
31-Jan-2020
31-Jan-2020
18,968.86
169M
1
169M
ABC100
754911
31-Jan-2020
31-Jan-2020
2,042.16
169M
2
169M
ABC100
JB1INV0002
14-Jan-2021
14-Jan-2021
270,041.67
169M
3
Customer Name
ABC100
SC Invoices
View
Freeze
Detach
Search
Workflows
Report Options
Export
Attachments
Notes
ECM Documents
User Extensions
normal
169M
1
Sel
Vendor
Invoice
Invoice Date
Post Date
Invoice Amount
Pay Status
Contract
Draw
Parent AR Invoice
A1MASONS
M6001-1
01-Jan-2020
01-Jan-2020
4,680.00
Both NC and PwP
169M
1
754909
A1MASONS
M9696-1
28-Sep-2020
28-Sep-2020
9,000.00
Normal
169M
A1MASONS
M9696-2
28-Sep-2020
28-Sep-2020
81,000.00
Non-Compliant
169M
A1ROOF
R6001-1
01-Jan-2020
01-Jan-2020
3,240.00
Both NC and PwP
169M
1
754909
A1ROOF
R6003-1
15-Sep-2020
15-Sep-2020
300.00
Normal
169M
A1ROOF
R6003-12
22-Sep-2020
22-Sep-2020
300.00
Non-Compliant
169M
Vendor Name
A1 Electric Inc.
Unlink Records
Link Records
Filtering option now available for Pay Status, Contract and Draw


PAY WHEN PAID INVOICE MATCHING
Save
Exit
Selection Criteria
* Company
RV123456
RV123456 - Test Company
Job
169M
169M - Major Airport Expansion in Chicago O'Hare Internatio
Subcontract
Purchase Order
Non SC OR PO
Query All SC Invoices
Query Data
AR Invoices
View
Freeze
Detach
Search
Workflows
Report Options
Export
ECM Documents
User Extensions
Job
Customer
Invoice
Invoice Date
Post Date
Invoice Amount
Contract
Draw
169M
ABC100
754909
31-Jan-2020
31-Jan-2020
18,968.86
169M
1
169M
ABC100
754911
31-Jan-2020
31-Jan-2020
2,042.16
169M
2
169M
ABC100
JB1INV0002
14-Jan-2021
14-Jan-2021
270,041.67
169M
3
Customer Name
ABC100
SC Invoices
View
Freeze
Detach
Search
Workflows
Report Options
Export
Attachments
Notes
ECM Documents
User Extensions
normal
169M
1
Sel
Vendor
Invoice
Invoice Date
Post Date
Invoice Amount
Pay Status
Contract
Draw
Parent AR Invoice
A1HVAC
H6001-1
01-Jan-2020
01-Jan-2020
2,520.00
Normal
169M
1
754909
Vendor Name
A1 Heating and Cooling Inc.
Unlink Records
Link Records
Invoice filtered using Pay status, contract and Draw



New AR Invoice format-ARINVPRT_UK (21.42827)

New AR Invoice format ARINVPRT_UK.

Modifications:

Created a new AR Invoice format ARINVPRT_UK.

- New report option will be added to AR Control file Field "Free form invoice Name".
- 'Print invoice' button on Enter invoice screen will be modified to read invoice format report from AR Control file.
- Banking details on the report, AR Cash account on accounting tab on AR control file will be used.
- A User Defined Field is added on the Enter Invoice Screen called "Remarks". This should be printed in a box at the bottom of the Invoice.

The details of how the fields are populated are listed below:

- Company Legal Name: COMP_LEGAL_NAME in DA.COMPANY
- Address format: Street (COMP_ADD1)

  Suite (COMP_ADD2)

  City (COMP_ADD3), State (the name of the state not the code)(COMP_REGION_NAME)

  ZIP (COMP_POSTAL_CODE)

  Country (COMP_COUNTRY)

- Vat Reg No: COMP_VAT_REG_NUM in DA.COMPANY
- Invoice details:

  Invoice No: INV_NUM in AR#INVOICE

  Invoice Date: INV_DATE in AR#INVOICE

  Order No: INV_ORD_NUM in DA.INVOICE

  Account Ref: Customer code (INV_CUST_CODE in AR#INVOICE)

  Quantity: INVD_QTY in DA.INVDETAIL

  Description: INVD_TEXT in DA.INVDETAIL

  Unit Price: INVD_UNIT_PRICE in DA.INVDETAIL

  Net Amt: INVD_AMT in DA.INVDETAIL

  VAT %: the percentage on the tax code assigned to that line item

  VAT: Tax amount for that line item

  Total Net Amount: INV_SALES_AMT in AR#INVOICE

  Total tax amount: INV_TAXES in AR#INVOICE

  Invoice Total: INV_NET_AMT in AR#INVOICE

- The bank details should be driven from the GL account selected at the customer level for that company. The account name, account number, sort code, IBAN, swift and bank name should all be the ones associated with (Global tables→Banking→Bank account) the GL account for that company.

  Account name: BAB_ACC_TITLE in DA.BABANKACCT

  Account Number: BAB_ACC_NUMBER in DA.BABANKACCT

  Sort Code: BAB_ROUTING_CODE_A in DA.BABANKACCT

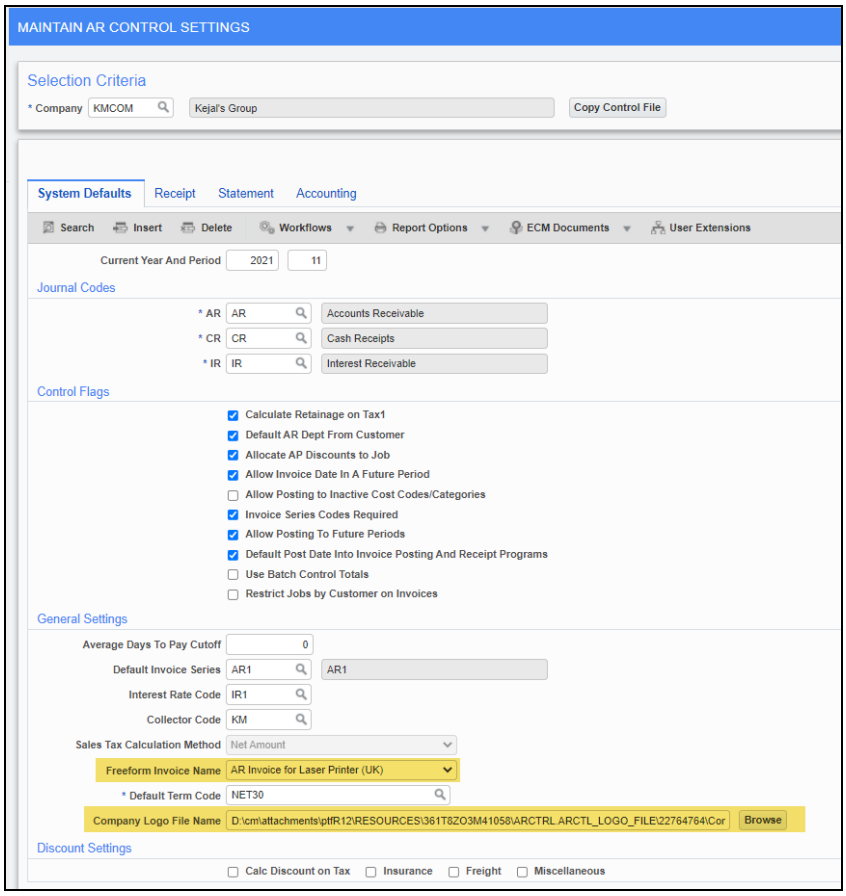
  IBAN: BAB_IBAN_NUM in DA.BABANKACCT

  Swift: BAB_MICR_CODE in DA.BABANKACCT (Transit field)

- Logo should be populated form the AR control file.

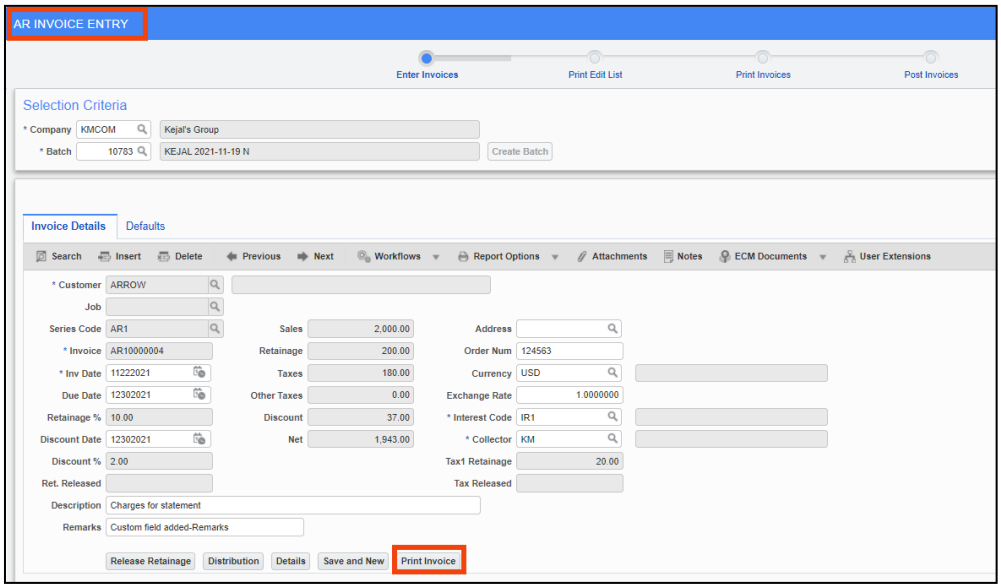
  Note: There will not be more than one tax per line.

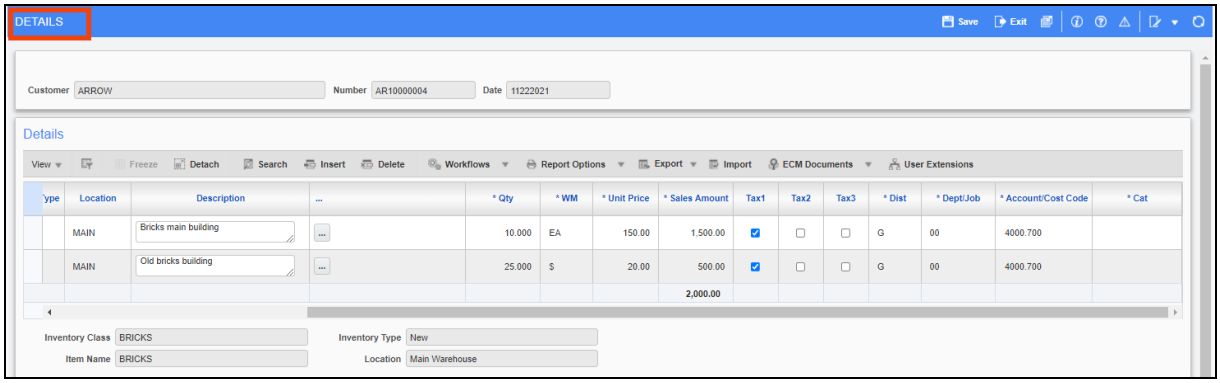
  Setup and printing the AR Invoices:

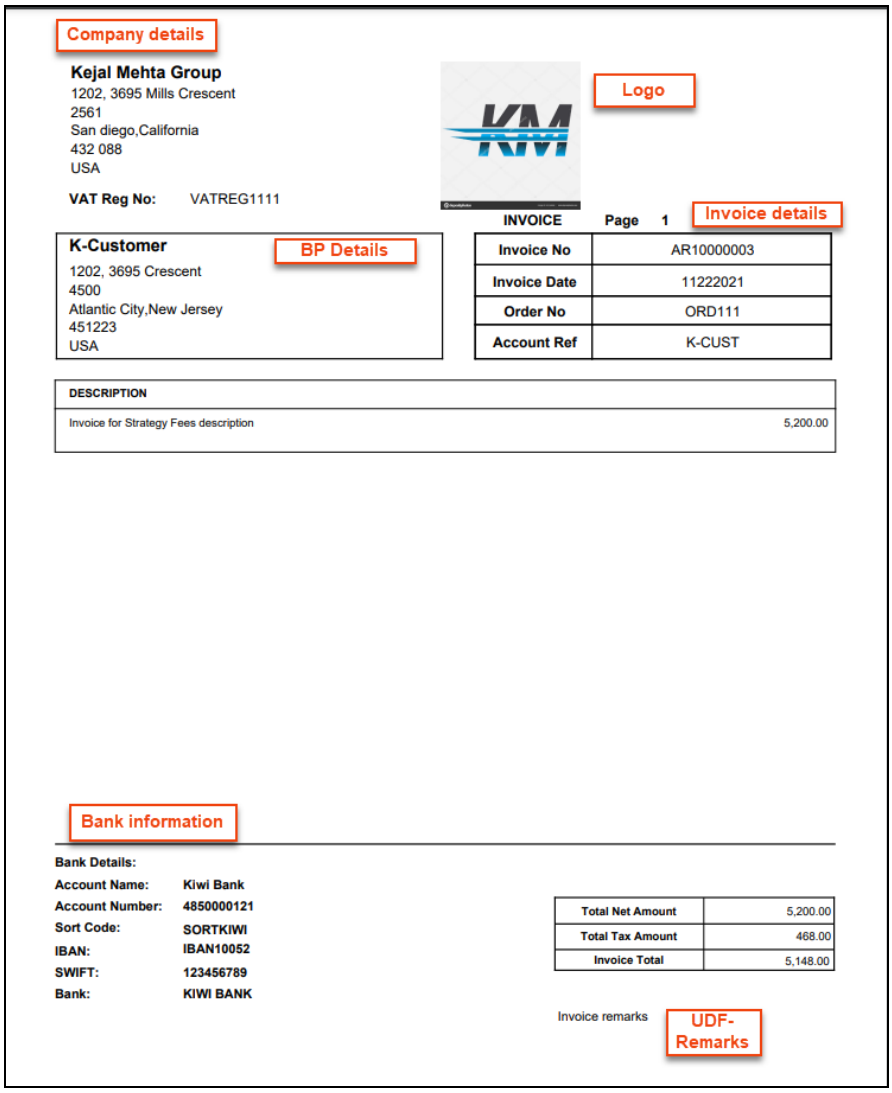


AR>Local Tables>Control File Options

Create an AR Invoice and print the invoice. The invoice will need to be launched from the print invoice button in the Enter Invoices program.


AR INVOICE ENTRY
Enter Invoices
Print Edit List
Print Invoices
Post Invoices
Selection Criteria
* Company KMCOM Kejal's Group
* Batch 10783 KEJAL 2021-11-19 N
Create Batch
Invoice Details
Defaults
Search
Insert
Delete
Previous
Next
Workflows
Report Options
Attachments
Notes
ECM Documents
User Extensions
* Customer ARROW
Job
Series Code AR1
* Invoice AR10000004
* Inv Date 11222021
Due Date 12302021
Retainage % 10.00
Discount Date 12302021
Discount % 2.00
Ret. Released
Description Charges for statement
Remarks Custom field added-Remarks
Sales 2,000.00
Retainage 200.00
Taxes 180.00
Other Taxes 0.00
Discount 37.00
Net 1,943.00
Address
Order Num 124563
Currency USD
Exchange Rate 1.0000000
* Interest Code IR1
* Collector KM
Tax1 Retainage 20.00
Tax Released
Release Retainage
Distribution
Details
Save and New
Print Invoice

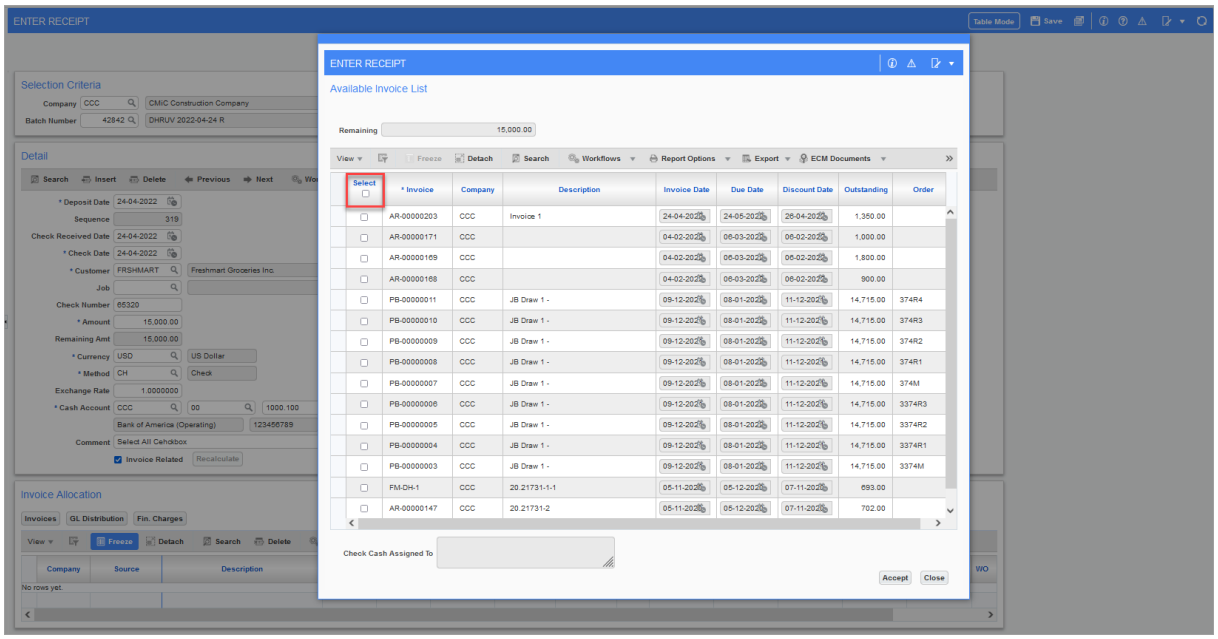

DETAILS
Save
Exit
Customer ARROW
Number AR10000004
Date 11222021
Details
View
Freeze
Detach
Search
Insert
Delete
Workflows
Report Options
Export
Import
ECM Documents
User Extensions
Type
Location
Description
* Qty
* WM
* Unit Price
* Sales Amount
Tax1
Tax2
Tax3
* Dist
* Dept/Job
* Account/Cost Code
* Cat
MAIN Bricks main building 10.000 EA 150.00 1,500.00 G 00 4000.700
MAIN Old bricks building 25.000 $ 20.00 500.00 G 00 4000.700
2,000.00
Inventory Class BRICKS
Item Name BRICKS
Inventory Type New
Location Main Warehouse



Select All Option in Enter Receipt (22.54697)

Overview

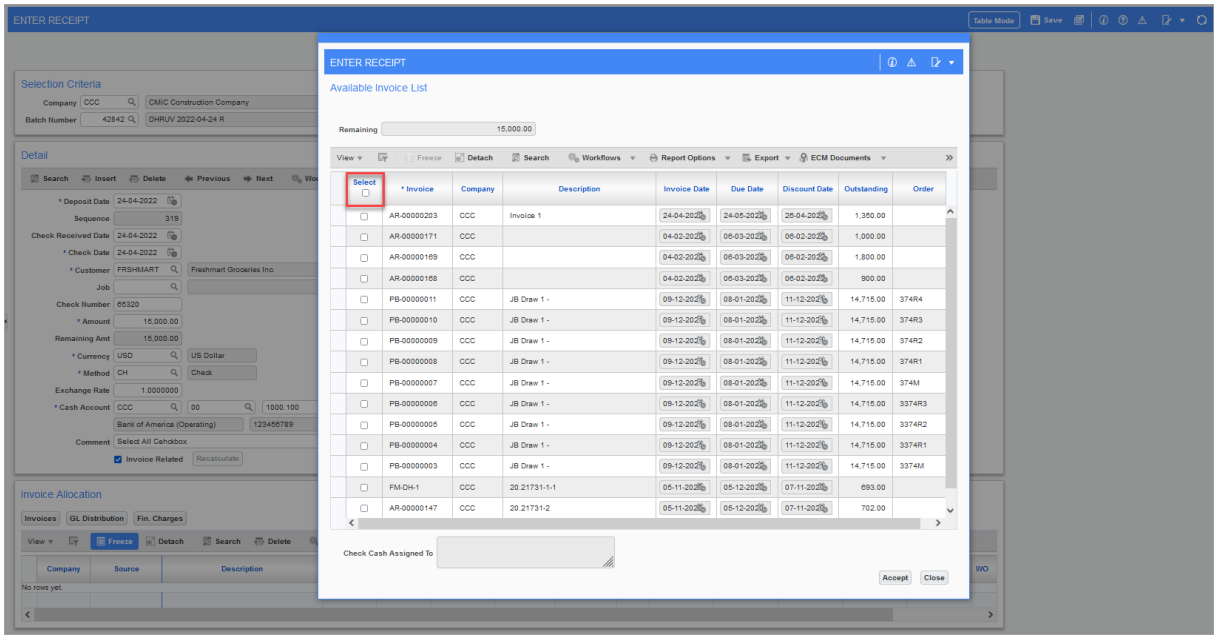
Added ‘Select All’ option in Enter Receipt program.

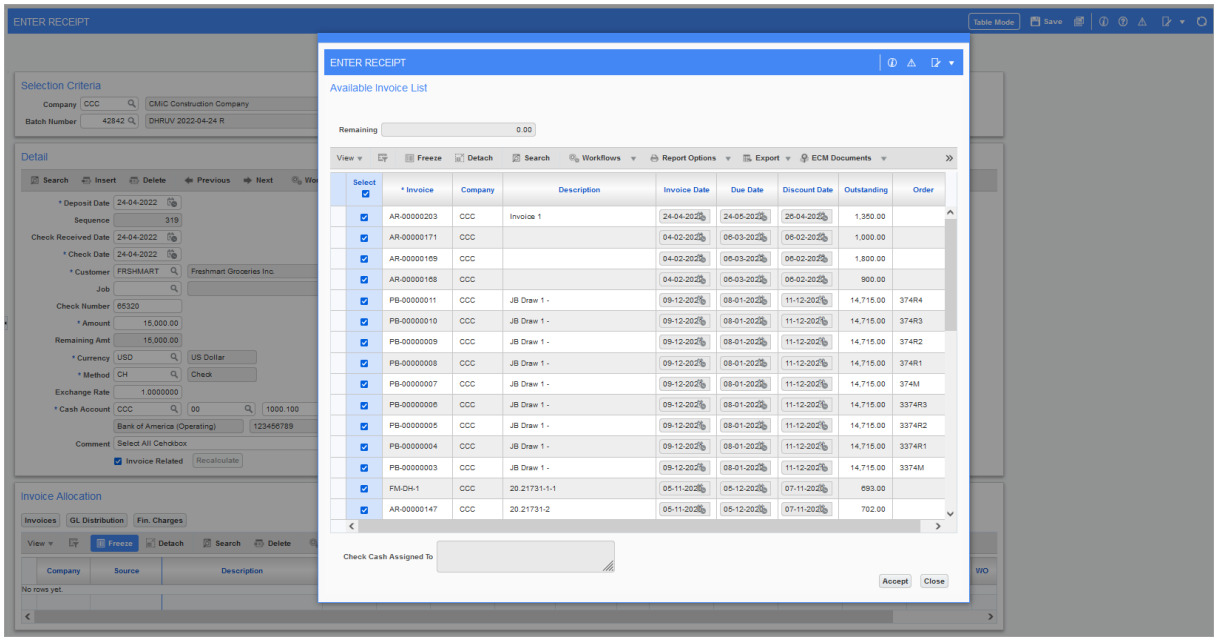


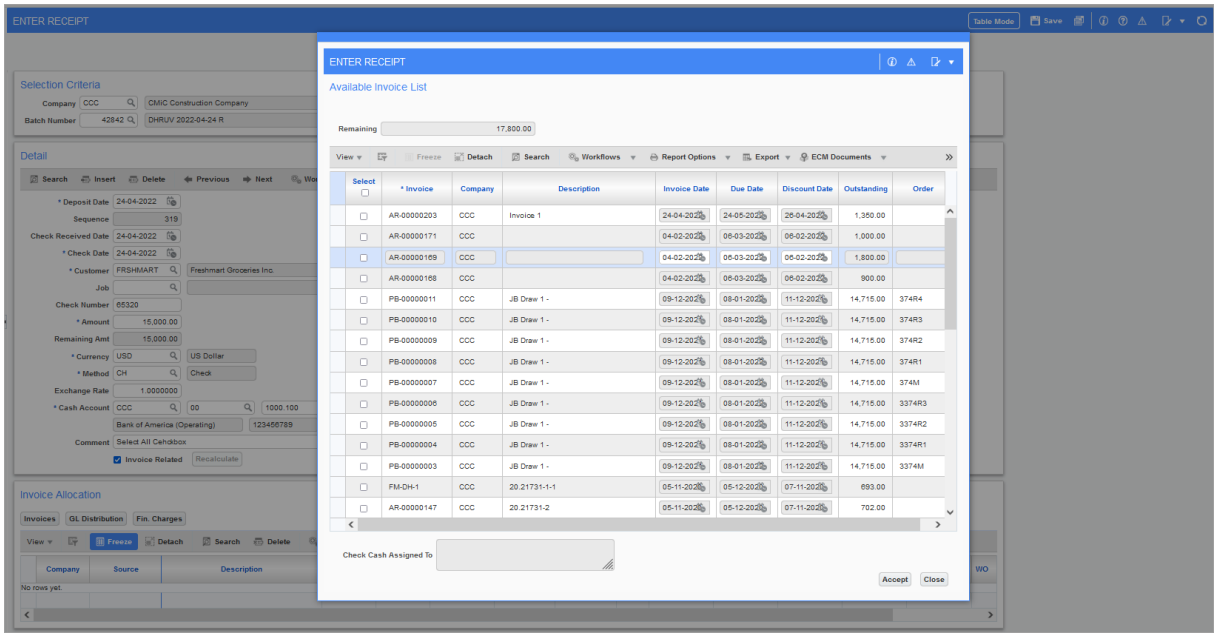
Accounts Receivable > Receipt > Enter Receipt – Invoices

Implementation

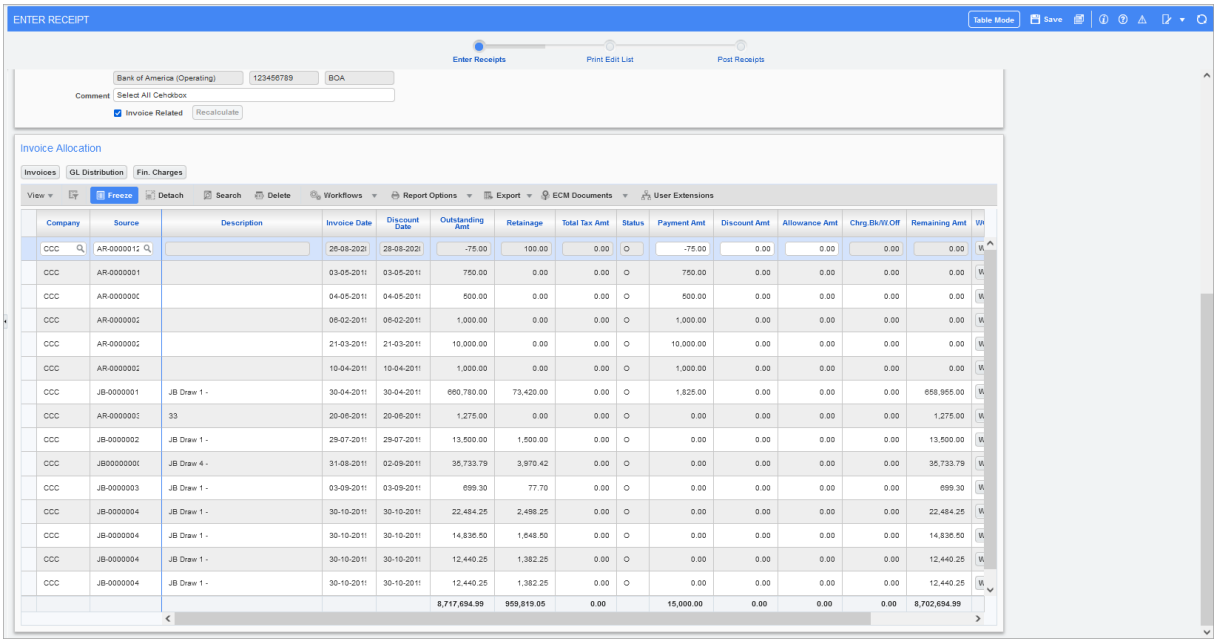
Select All checkbox in AR > Receipt > Enter Receipt







Selecting all the invoices.



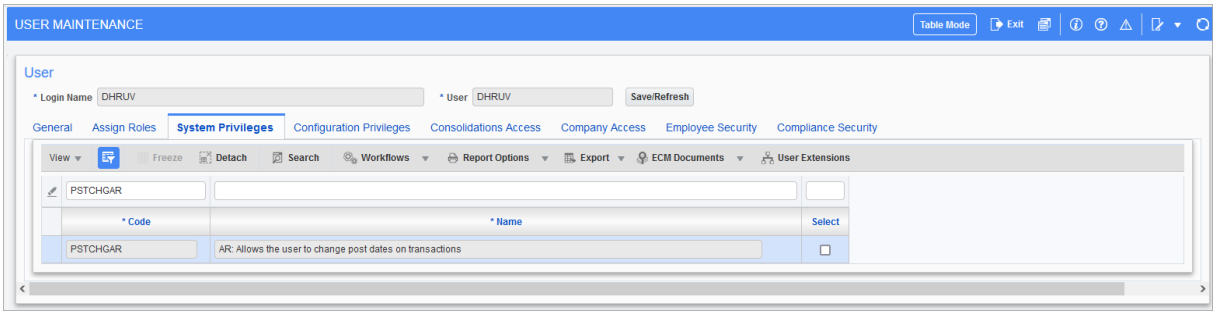
Update Post Date in AR (21.51353)

Overview

Ability to update batch post date in AR.

Modifications

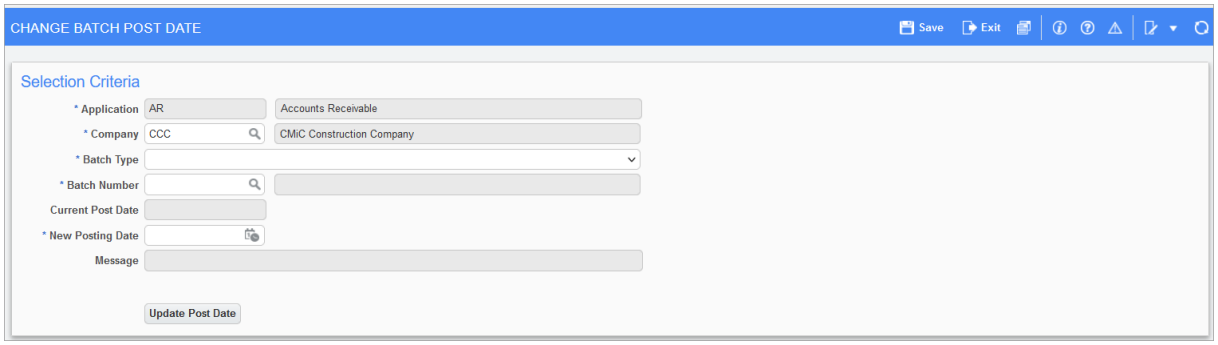
System privilege **PSTCHGAR** - **Allows the user to change post dates on transactions** is added in user maintenance to provide access to this utility. Be default, this privilege is un-checked for the user.



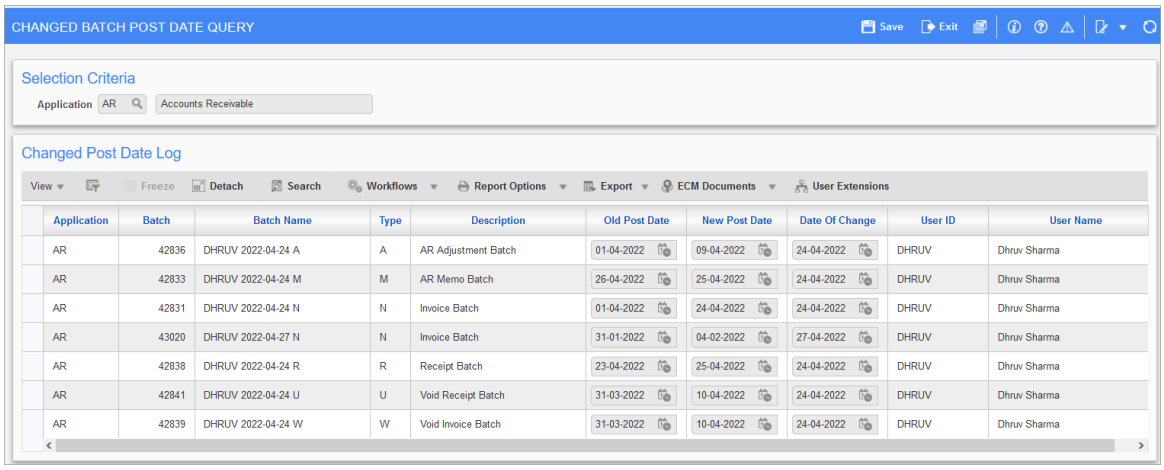
System Data > Security > User Maintenance > System Privilege

Change Batch Post Date and Change Batch Post Date Query are the new programs added under the following path in Treeview:

Accounts Receivable > Utilities > Change Batch Post Date
Accounts Receivable > Utilities > Change Batch Post Date Query



Accounts Receivable > Utilities > Change Batch Post Date

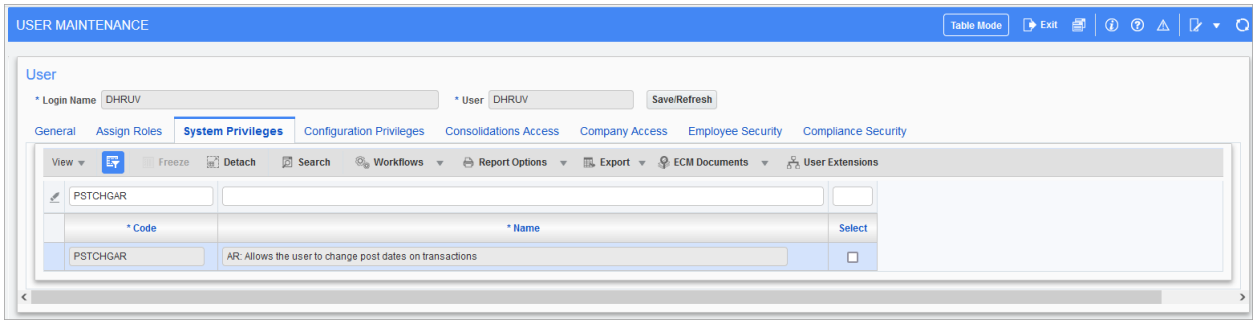


Accounts Receivable > Utilities > Change Batch Post Date Query

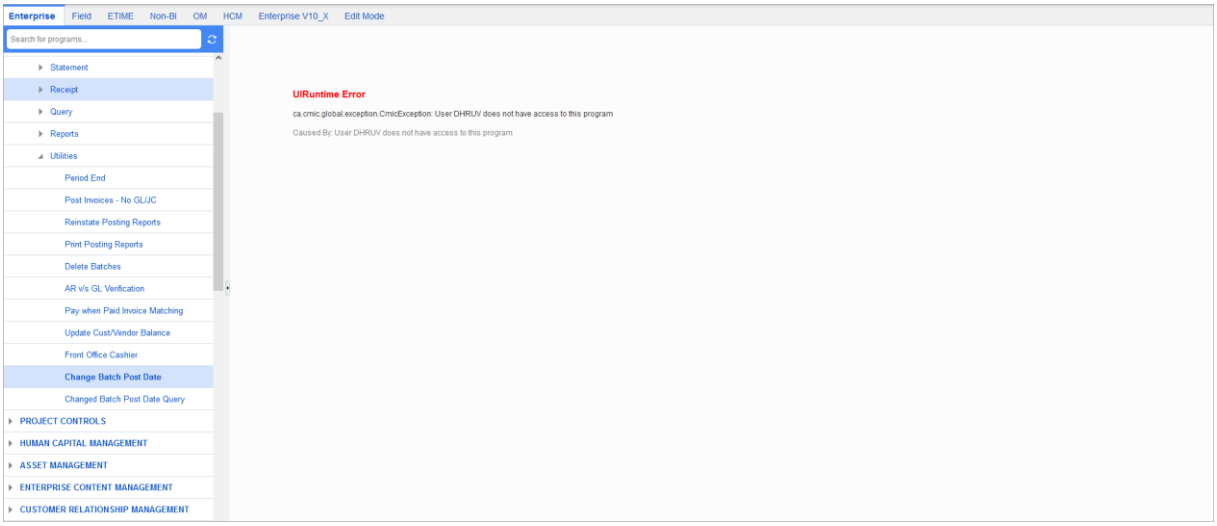
Implementation

PSTCHGAR: Un-checked

User will not have access to the program

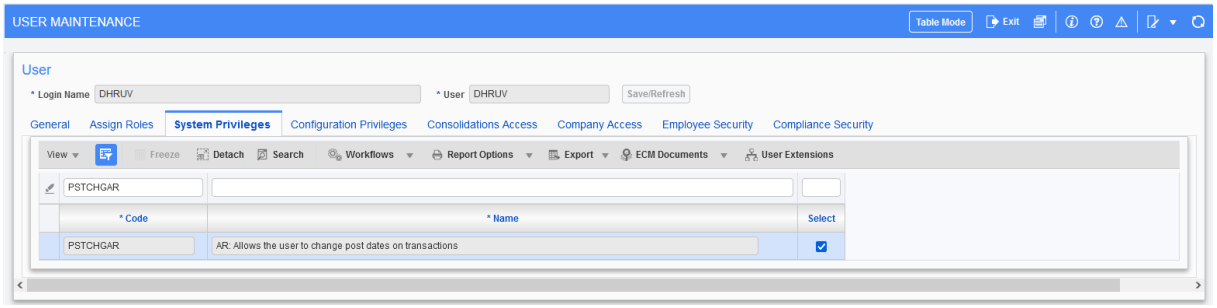


System Data > Security > User Maintenance > System Privilege



Accounts Receivable > Utilities > Change Batch Post Date

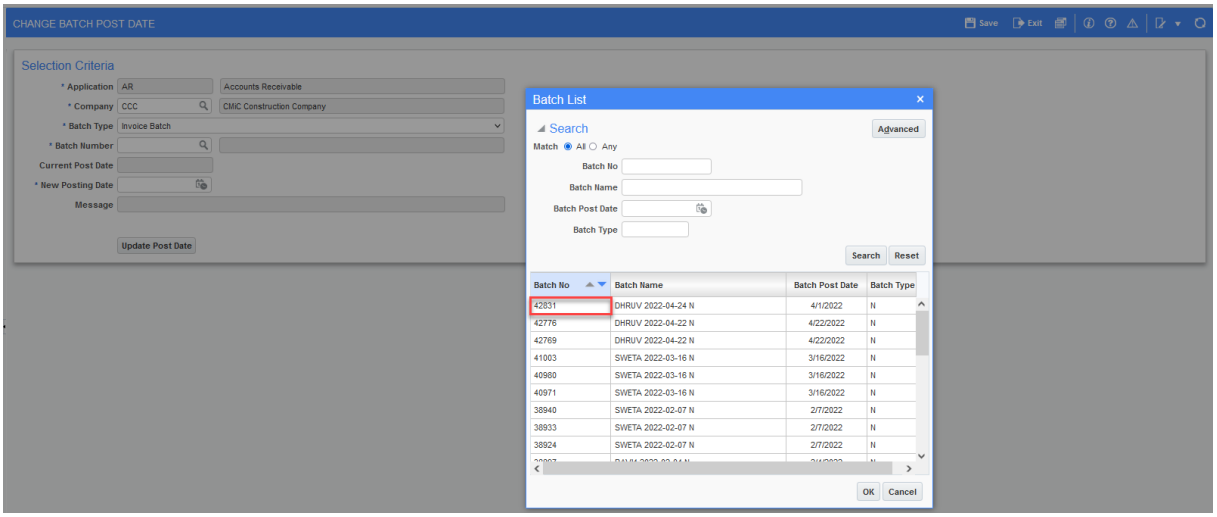
Check the flag for the user and user will get access to the utility.



System Data > Security > User Maintenance > System Privilege

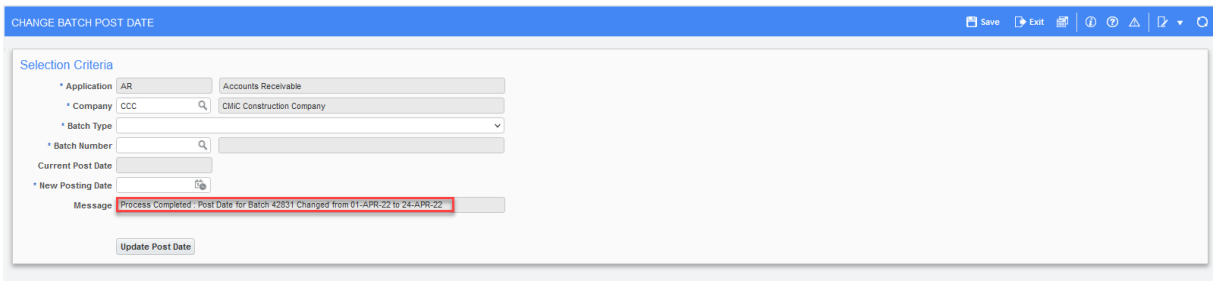
Case 1: Updating Batch post date

1) Invoice Batch

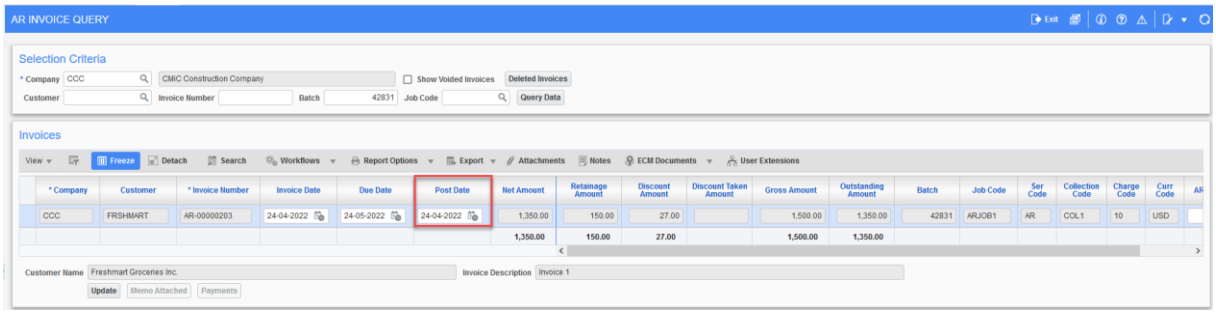


Accounts Receivable > Utilities > Change Batch Post Date

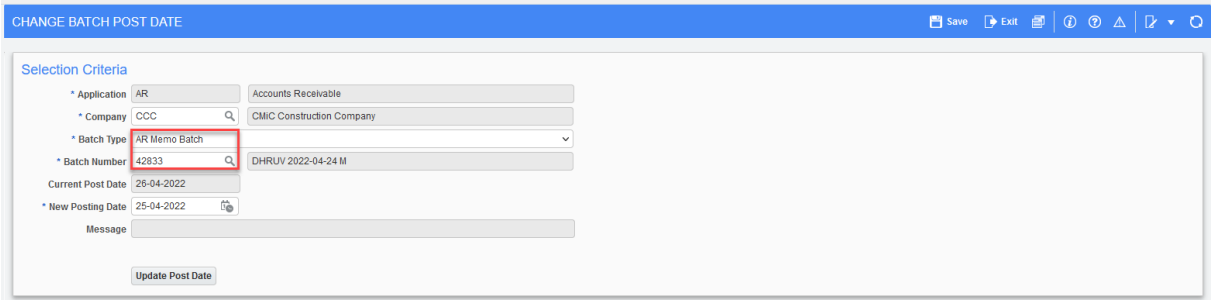
Accounts Receivable > Utilities > Change Batch Post Date



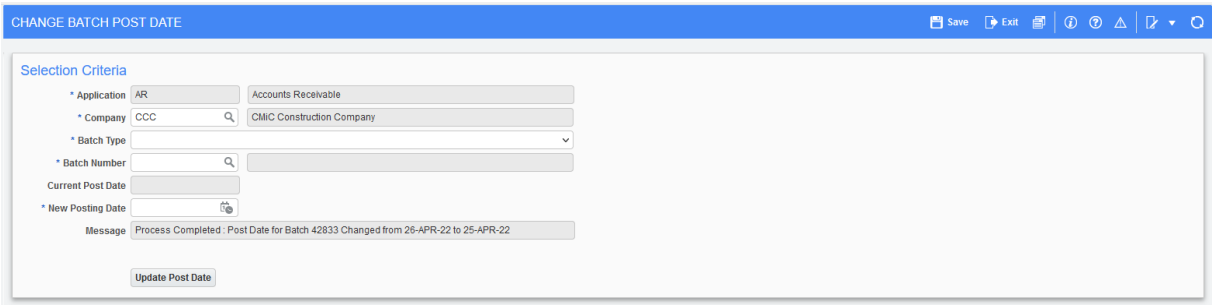
Accounts Receivable > Utilities > Change Batch Post Date



2) Updating Memo type batch



Accounts Receivable > Utilities > Change Batch Post Date



Accounts Receivable > Utilities > Change Batch Post Date

CCC - CMiC Construction Company
JOB COSTING - JC POSTING REPORT
Batch 42833 - DHRUV 2022-04-24 M

Page: 1 of 1
Date: Apr 24, 2022
Time: 1:35 PM EDT

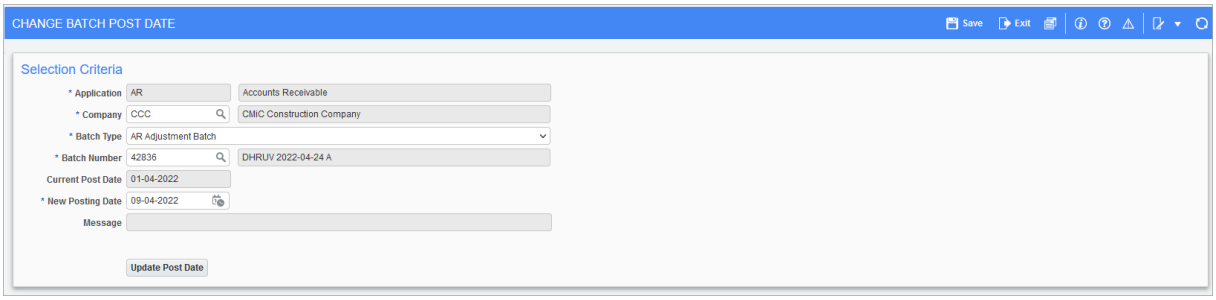
Company	T	Dept / WBS 1	Account / WBS 2	Job / WBS 3	Cost Code / WBS 4	Cat	Source Code	Ref Code	Ref Date	Post Date	Batch	SRC	PO/SC	WM	Quantity	Amount
CCC	B	00	4000.100 JCWBSV-	18404	01130	3000	ABC100	AR-00000172 MEMo Batch	24-04-2022	25-04-2022	42833	AR		NA	0.000	500.00
CCC	B	00	4000.100 JCWBSV-	18404	01130	3000	ABC100	AR-00000172 MEMo Batch	24-04-2022	26-04-2022	42833	AR		NA	0.000	500.00
CCC	B	00	4000.100 JCWBSV-	18404	01130	3000	ABC100	AR-00000172 MEMo Batch	24-04-2022	26-04-2022	42833	AR		NA	0.000	-500.00
											Total For Job:			18404		500.00
											Total For Company:			CCC		500.00
											Total For Currency:			USD		500.00

Page: 1 of 1
Date: Apr 24, 2022
Time: 1:35 PM EDT

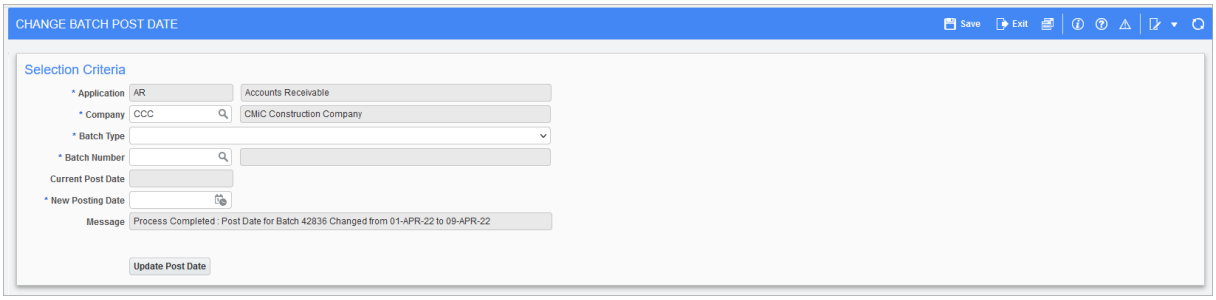
General Ledger Posting Report
Batch 42833 - DHRUV 2022-04-24 M

Department	Account	Account Name	Post Date	Source	Reference	Debit	Credit	Exchange Amount	Currency	Rate
Company CCC - CMiC Construction Company										**Currency USD**
20	1500.100	Current Receivables	25-04-2022	ABC100	AR-00000172	500.00	0.00	500.00	USD	1.0000
00	4000.100	Construction Revenue	25-04-2022	ABC100	AR-00000172	0.00	500.00	-500.00	USD	1.0000
20	1500.100	Current Receivables	26-04-2022	ABC100	AR-00000172	0.00	500.00	-500.00	USD	1.0000
20	1500.100	Current Receivables	26-04-2022	ABC100	AR-00000172	500.00	0.00	500.00	USD	1.0000
00	4000.100	Construction Revenue	26-04-2022	ABC100	AR-00000172	500.00	0.00	500.00	USD	1.0000
00	4000.100	Construction Revenue	26-04-2022	ABC100	AR-00000172	0.00	500.00	-500.00	USD	1.0000
Total for Company CCC - CMiC Construction Company						**1,500.00**	**1,500.00**			
Total for Currency USD						**1,500.00**	**1,500.00**			

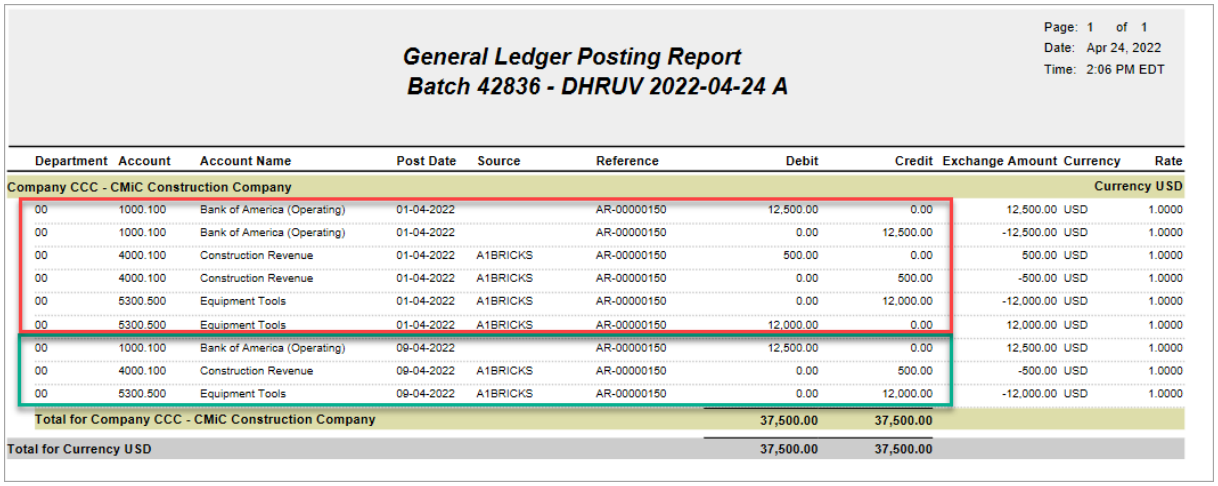
3) Adjustment Entry batch



Accounts Receivable > Utilities > Change Batch Post Date



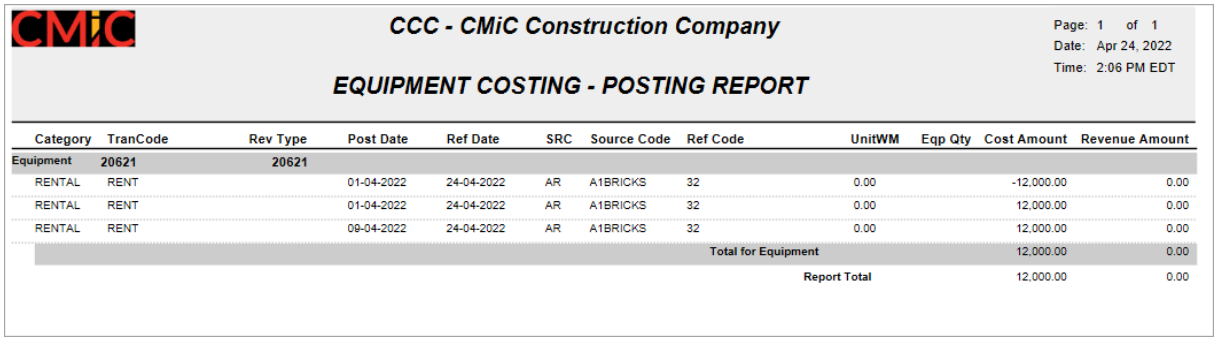
Accounts Receivable > Utilities > Change Batch Post Date



Page: 1 of 1
Date: Apr 24, 2022
Time: 2:06 PM EDT

General Ledger Posting Report
Batch 42836 - DHRUV 2022-04-24 A

Department	Account	Account Name	Post Date	Source	Reference	Debit	Credit	Exchange Amount	Currency	Rate
Company CCC - CMiC Construction Company										Currency USD
00	1000.100	Bank of America (Operating)	01-04-2022		AR-00000150	12,500.00	0.00	12,500.00	USD	1.0000
00	1000.100	Bank of America (Operating)	01-04-2022		AR-00000150	0.00	12,500.00	-12,500.00	USD	1.0000
00	4000.100	Construction Revenue	01-04-2022	A1BRICKS	AR-00000150	500.00	0.00	500.00	USD	1.0000
00	4000.100	Construction Revenue	01-04-2022	A1BRICKS	AR-00000150	0.00	500.00	-500.00	USD	1.0000
00	5300.500	Equipment Tools	01-04-2022	A1BRICKS	AR-00000150	0.00	12,000.00	-12,000.00	USD	1.0000
00	5300.500	Equipment Tools	01-04-2022	A1BRICKS	AR-00000150	12,000.00	0.00	12,000.00	USD	1.0000
00	1000.100	Bank of America (Operating)	09-04-2022		AR-00000150	12,500.00	0.00	12,500.00	USD	1.0000
00	4000.100	Construction Revenue	09-04-2022	A1BRICKS	AR-00000150	0.00	500.00	-500.00	USD	1.0000
00	5300.500	Equipment Tools	09-04-2022	A1BRICKS	AR-00000150	0.00	12,000.00	-12,000.00	USD	1.0000
Total for Company CCC - CMiC Construction Company						37,500.00	37,500.00			
Total for Currency USD						37,500.00	37,500.00			

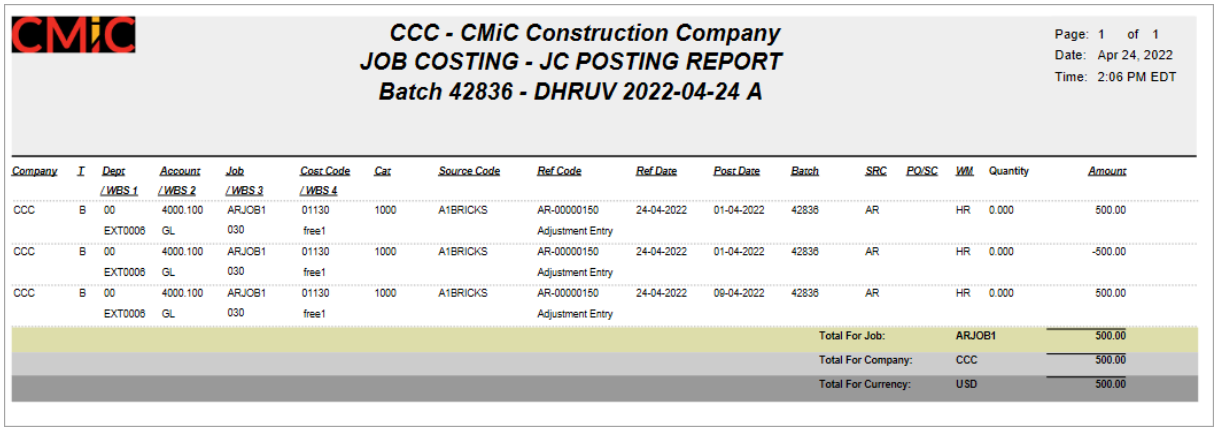


CMiC

CCC - CMiC Construction Company
EQUIPMENT COSTING - POSTING REPORT

Page: 1 of 1
Date: Apr 24, 2022
Time: 2:06 PM EDT

Category	TranCode	Rev Type	Post Date	Ref Date	SRC	Source Code	Ref Code	UnitWM	Eqp Qty	Cost Amount	Revenue Amount
Equipment	20621	20621									
RENTAL	RENT		01-04-2022	24-04-2022	AR	A1BRICKS	32	0.00		-12,000.00	0.00
RENTAL	RENT		01-04-2022	24-04-2022	AR	A1BRICKS	32	0.00		12,000.00	0.00
RENTAL	RENT		09-04-2022	24-04-2022	AR	A1BRICKS	32	0.00		12,000.00	0.00
							Total for Equipment			12,000.00	0.00
							Report Total			12,000.00	0.00



CMiC

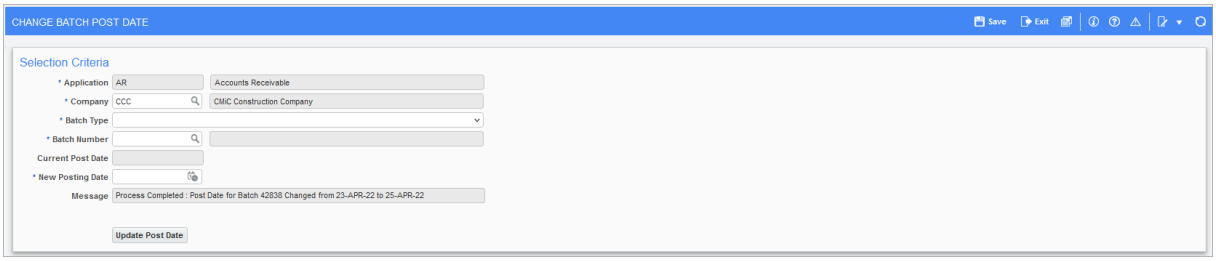
CCC - CMiC Construction Company
JOB COSTING - JC POSTING REPORT
Batch 42836 - DHRUV 2022-04-24 A

Page: 1 of 1
Date: Apr 24, 2022
Time: 2:06 PM EDT

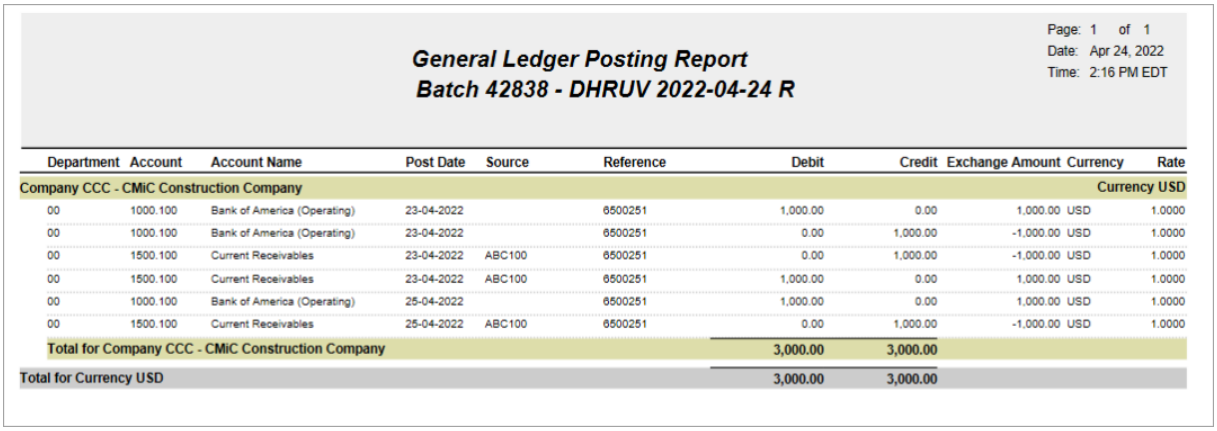
Company	T	Dept / WBS 1	Account / WBS 2	Job / WBS 3	Cost Code / WBS 4	Car	Source Code	Ref Code	Ref Date	Post Date	Batch	SRC	PO/SC	WM	Quantity	Amount
CCC	B	00	4000.100	ARJOB1	01130	1000	A1BRICKS	AR-00000150	24-04-2022	01-04-2022	42836	AR		HR	0.000	500.00
		EXT0006	GL	030	free1			Adjustment Entry								
CCC	B	00	4000.100	ARJOB1	01130	1000	A1BRICKS	AR-00000150	24-04-2022	01-04-2022	42836	AR		HR	0.000	-500.00
		EXT0006	GL	030	free1			Adjustment Entry								
CCC	B	00	4000.100	ARJOB1	01130	1000	A1BRICKS	AR-00000150	24-04-2022	09-04-2022	42836	AR		HR	0.000	500.00
		EXT0006	GL	030	free1			Adjustment Entry								
											Total For Job:			ARJOB1		500.00
											Total For Company:			CCC		500.00
											Total For Currency:			USD		500.00

4) Receipt Batch

Accounts Receivable > Utilities > Change Batch Post Date



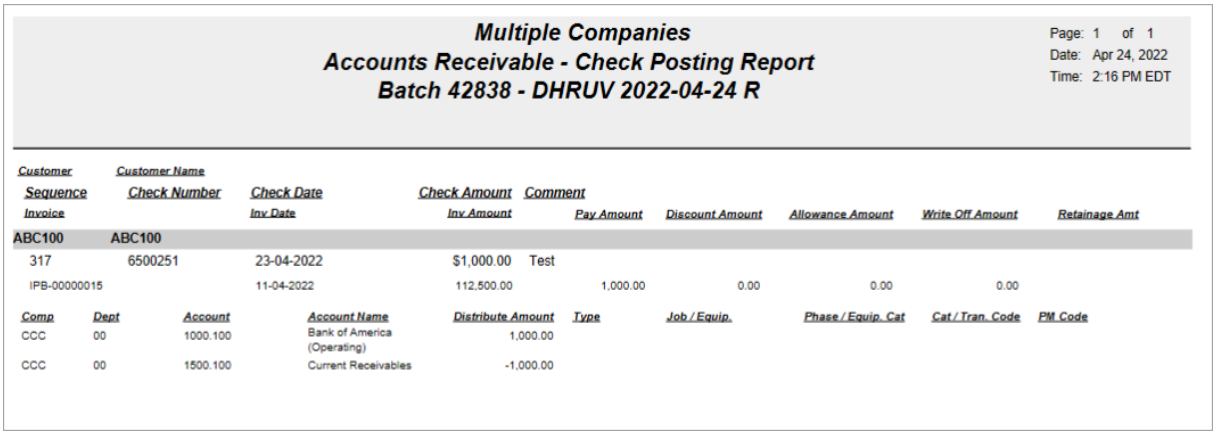
Accounts Receivable > Utilities > Change Batch Post Date



General Ledger Posting Report
Batch 42838 - DHRUV 2022-04-24 R

Page: 1 of 1
Date: Apr 24, 2022
Time: 2:16 PM EDT

Department	Account	Account Name	Post Date	Source	Reference	Debit	Credit	Exchange Amount	Currency	Rate
Company CCC - CMiC Construction Company										Currency USD
00	1000.100	Bank of America (Operating)	23-04-2022		6500251	1,000.00	0.00	1,000.00	USD	1.0000
00	1000.100	Bank of America (Operating)	23-04-2022		6500251	0.00	1,000.00	-1,000.00	USD	1.0000
00	1500.100	Current Receivables	23-04-2022	ABC100	6500251	0.00	1,000.00	-1,000.00	USD	1.0000
00	1500.100	Current Receivables	23-04-2022	ABC100	6500251	1,000.00	0.00	1,000.00	USD	1.0000
00	1000.100	Bank of America (Operating)	25-04-2022		6500251	1,000.00	0.00	1,000.00	USD	1.0000
00	1500.100	Current Receivables	25-04-2022	ABC100	6500251	0.00	1,000.00	-1,000.00	USD	1.0000
Total for Company CCC - CMiC Construction Company						3,000.00	3,000.00			
Total for Currency USD						3,000.00	3,000.00			



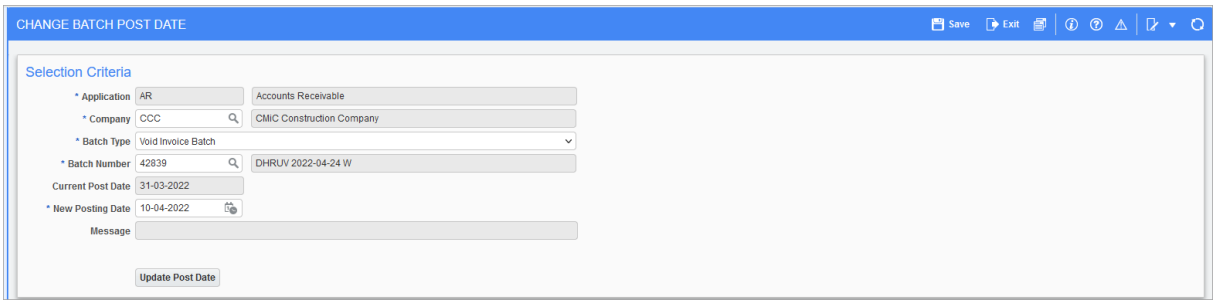
Multiple Companies
Accounts Receivable - Check Posting Report
Batch 42838 - DHRUV 2022-04-24 R

Page: 1 of 1
Date: Apr 24, 2022
Time: 2:16 PM EDT

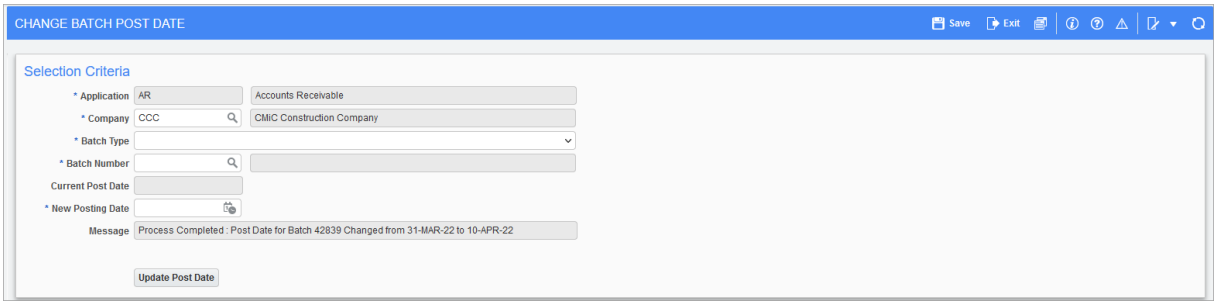
Customer	Customer Name								
Sequence	Check Number	Check Date	Check Amount	Comment					
Invoice		Inv Date	Inv Amount	Pay Amount	Discount Amount	Allowance Amount	Write Off Amount	Retainage Amt	
ABC100	ABC100								
317	6500251	23-04-2022	$1,000.00	Test					
IPB-00000015		11-04-2022	112,500.00	1,000.00	0.00	0.00	0.00		

Comp	Dept	Account	Account Name	Distribute Amount	Type	Job / Equip.	Phase / Equip. Cat	Cat / Tran. Code	PM Code
CCC	00	1000.100	Bank of America (Operating)	1,000.00					
CCC	00	1500.100	Current Receivables	-1,000.00					

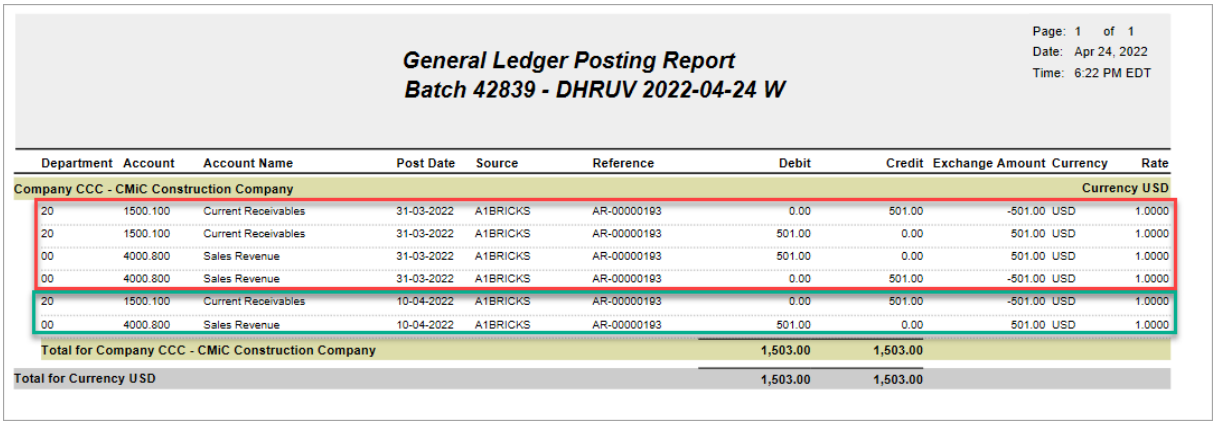
5) Void Invoice Batch



Accounts Receivable > Utilities > Change Batch Post Date



Accounts Receivable > Utilities > Change Batch Post Date

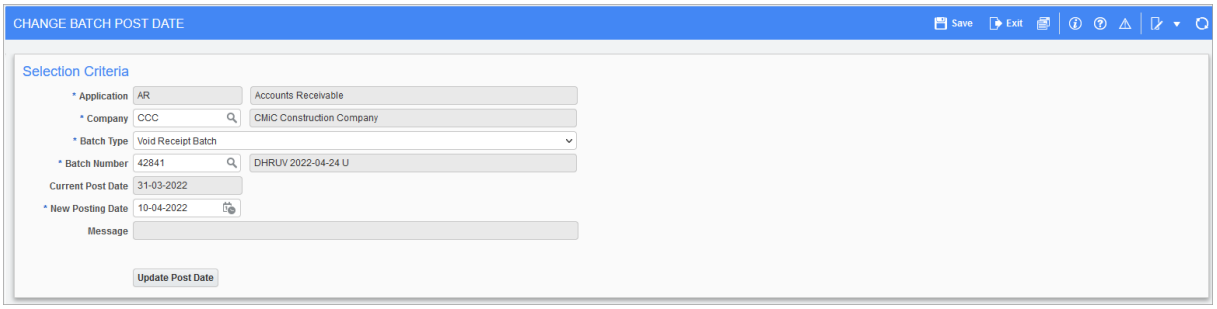


General Ledger Posting Report
Batch 42839 - DHRUV 2022-04-24 W

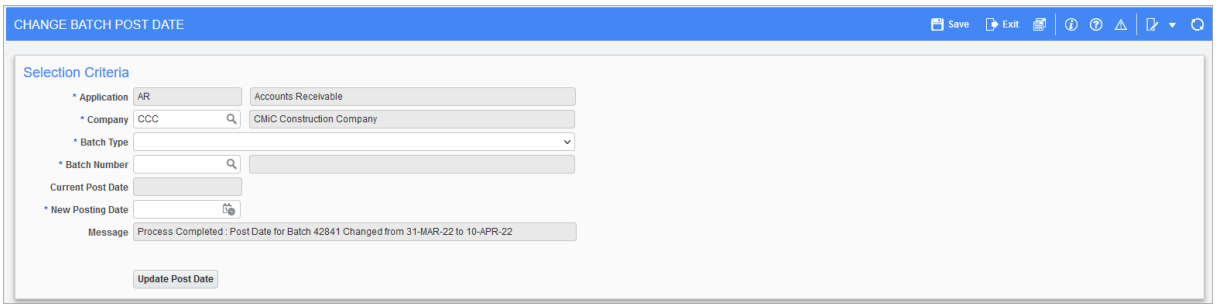
Page: 1 of 1
Date: Apr 24, 2022
Time: 6:22 PM EDT

Department	Account	Account Name	Post Date	Source	Reference	Debit	Credit	Exchange Amount	Currency	Rate
Company CCC - CMiC Construction Company										Currency USD
20	1500.100	Current Receivables	31-03-2022	A1BRICKS	AR-00000193	0.00	501.00	-501.00	USD	1.0000
20	1500.100	Current Receivables	31-03-2022	A1BRICKS	AR-00000193	501.00	0.00	501.00	USD	1.0000
00	4000.800	Sales Revenue	31-03-2022	A1BRICKS	AR-00000193	501.00	0.00	501.00	USD	1.0000
00	4000.800	Sales Revenue	31-03-2022	A1BRICKS	AR-00000193	0.00	501.00	-501.00	USD	1.0000
20	1500.100	Current Receivables	10-04-2022	A1BRICKS	AR-00000193	0.00	501.00	-501.00	USD	1.0000
00	4000.800	Sales Revenue	10-04-2022	A1BRICKS	AR-00000193	501.00	0.00	501.00	USD	1.0000
Total for Company CCC - CMiC Construction Company						1,503.00	1,503.00			
Total for Currency USD						1,503.00	1,503.00			

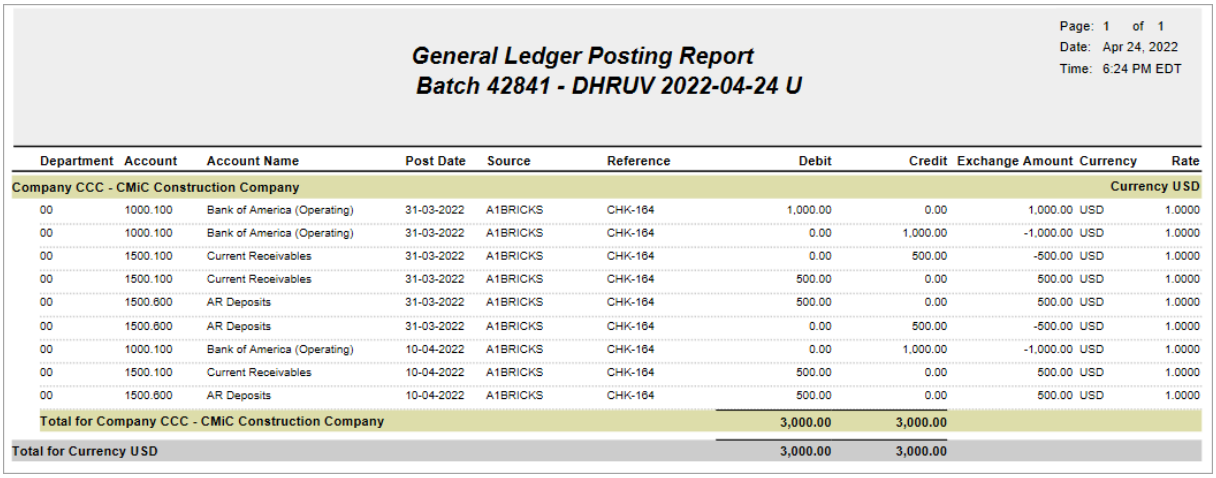
6) Void Receipt batch



Accounts Receivable > Utilities > Change Batch Post Date



Accounts Receivable > Utilities > Change Batch Post Date



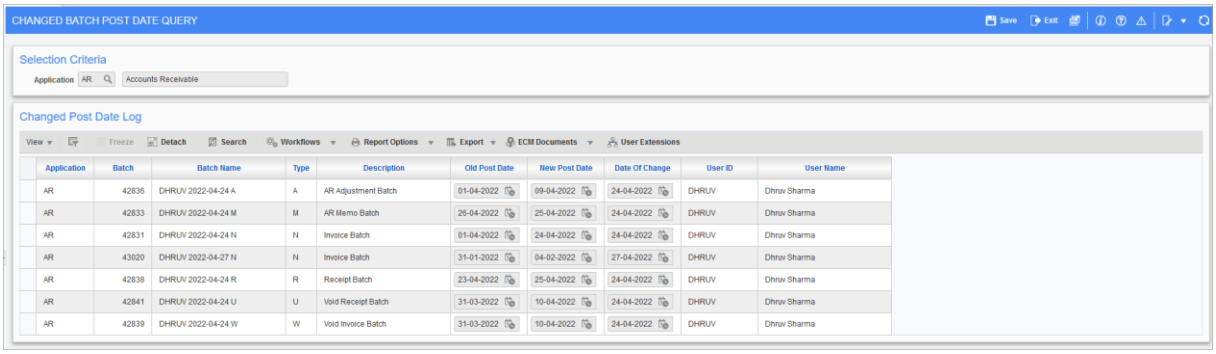
General Ledger Posting Report
Batch 42841 - DHRUV 2022-04-24 U

Page: 1 of 1
Date: Apr 24, 2022
Time: 6:24 PM EDT

Department	Account	Account Name	Post Date	Source	Reference	Debit	Credit	Exchange Amount	Currency	Rate
Company CCC - CMiC Construction Company										**Currency USD**
00	1000.100	Bank of America (Operating)	31-03-2022	A1BRICKS	CHK-164	1,000.00	0.00	1,000.00	USD	1.0000
00	1000.100	Bank of America (Operating)	31-03-2022	A1BRICKS	CHK-164	0.00	1,000.00	-1,000.00	USD	1.0000
00	1500.100	Current Receivables	31-03-2022	A1BRICKS	CHK-164	0.00	500.00	-500.00	USD	1.0000
00	1500.100	Current Receivables	31-03-2022	A1BRICKS	CHK-164	500.00	0.00	500.00	USD	1.0000
00	1500.600	AR Deposits	31-03-2022	A1BRICKS	CHK-164	500.00	0.00	500.00	USD	1.0000
00	1500.600	AR Deposits	31-03-2022	A1BRICKS	CHK-164	0.00	500.00	-500.00	USD	1.0000
00	1000.100	Bank of America (Operating)	10-04-2022	A1BRICKS	CHK-164	0.00	1,000.00	-1,000.00	USD	1.0000
00	1500.100	Current Receivables	10-04-2022	A1BRICKS	CHK-164	500.00	0.00	500.00	USD	1.0000
00	1500.600	AR Deposits	10-04-2022	A1BRICKS	CHK-164	500.00	0.00	500.00	USD	1.0000
Total for Company CCC - CMiC Construction Company						**3,000.00**	**3,000.00**			
Total for Currency USD						**3,000.00**	**3,000.00**			

Accounts Receivable > Utilities > Change Batch Post Date Query

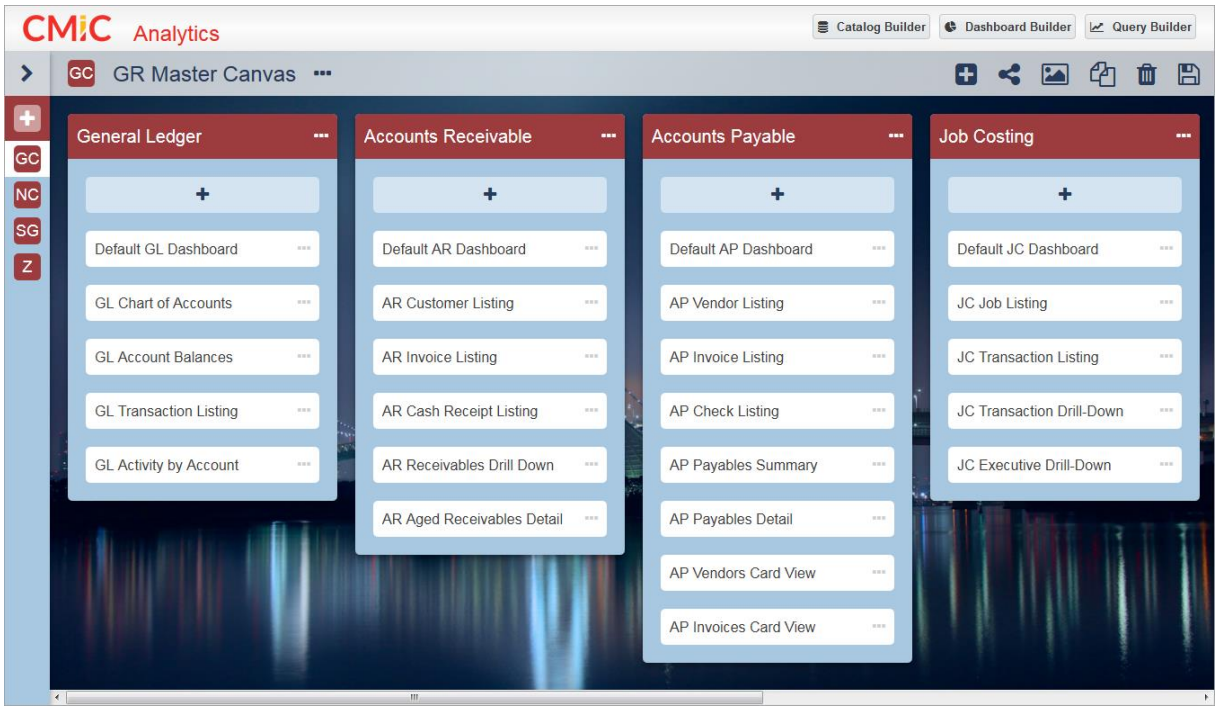
Change Batch Post Date query screen will display all the changed post date log



Banking

This section is currently under development.

BI Analytics

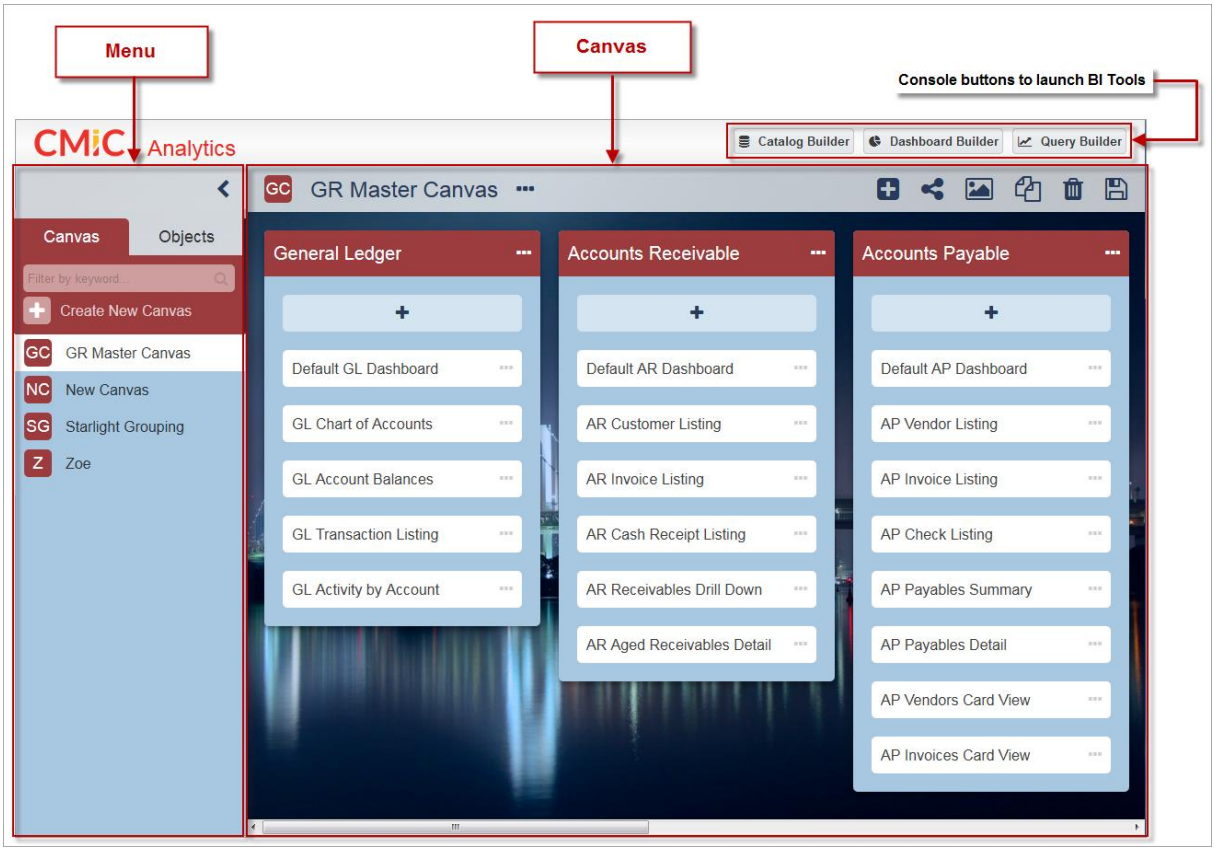


CMiC Analytics

CMiC's BI Analytics is a tool used for organizing and launching dashboards, queries, and card views. Users can create customized canvases to fan out their data analyses by dragging and dropping object cards (dashboards, queries, and card views) into specific user-defined groups called buckets to display and launch their analytics in a convenient, logical manner.

BI Analytics is used in conjunction with CMiC's other BI tools, which include BI Dashboard Builder, BI Catalog Builder, and BI Query Builder. For more information, please refer to the *BI Dashboard Builder* guide, which includes a quick guide for BI Query Builder, and the *BI Catalog Builder* guide.

Overview



CMiC Analytics

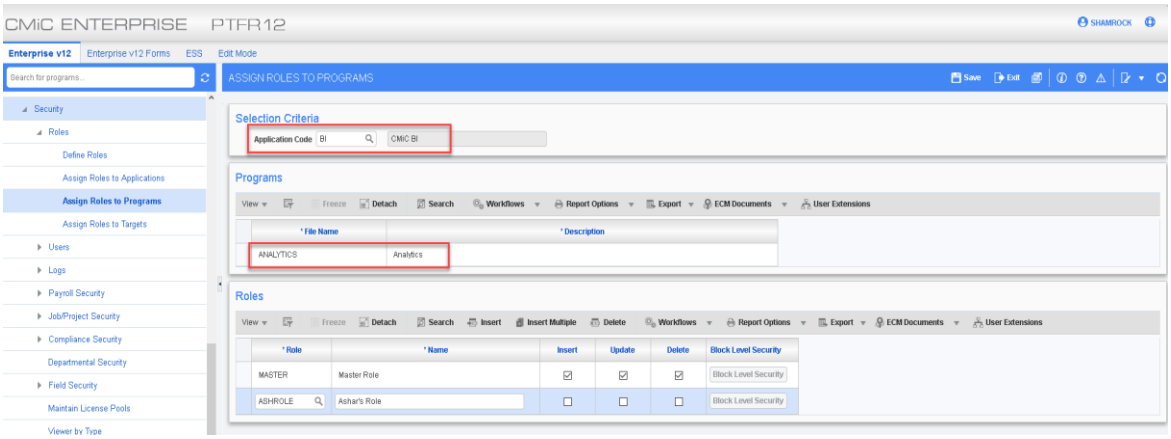
The main console contains buttons to conveniently launch Business Intelligence (BI) tools directly from the Analytics tool. These BI tools include BI Catalog Builder, BI Dashboard Builder, and BI Query Builder.

The Analytics screen is divided into two panels: Menu and Canvas, as shown in the screenshot above.

For further information, please refer to the Analytics Reference Guide as well as the various mentioned guides for BI.

BI Application Code and Setting Security Roles for Analytics
(21.37385)

CMiC has replaced the previous application code ‘BIC’ (Catalog Builder) with ‘BI’ (CMiC BI). In addition, we have added the ability to customize privileges of existing roles for Analytics via the security option “Assign Roles to Programs”:

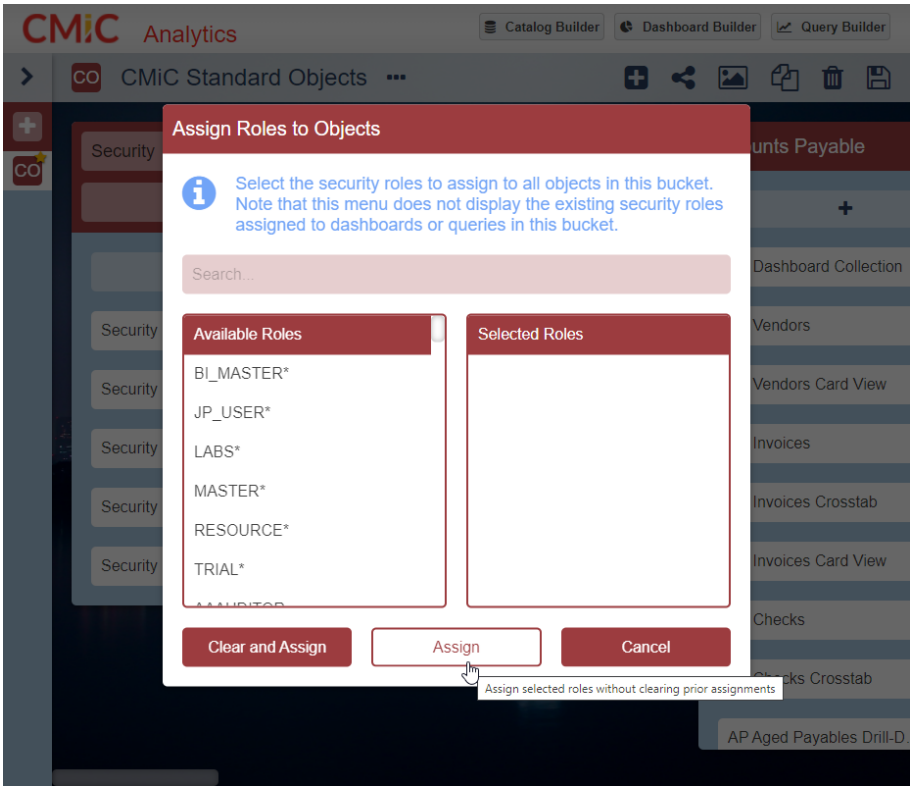


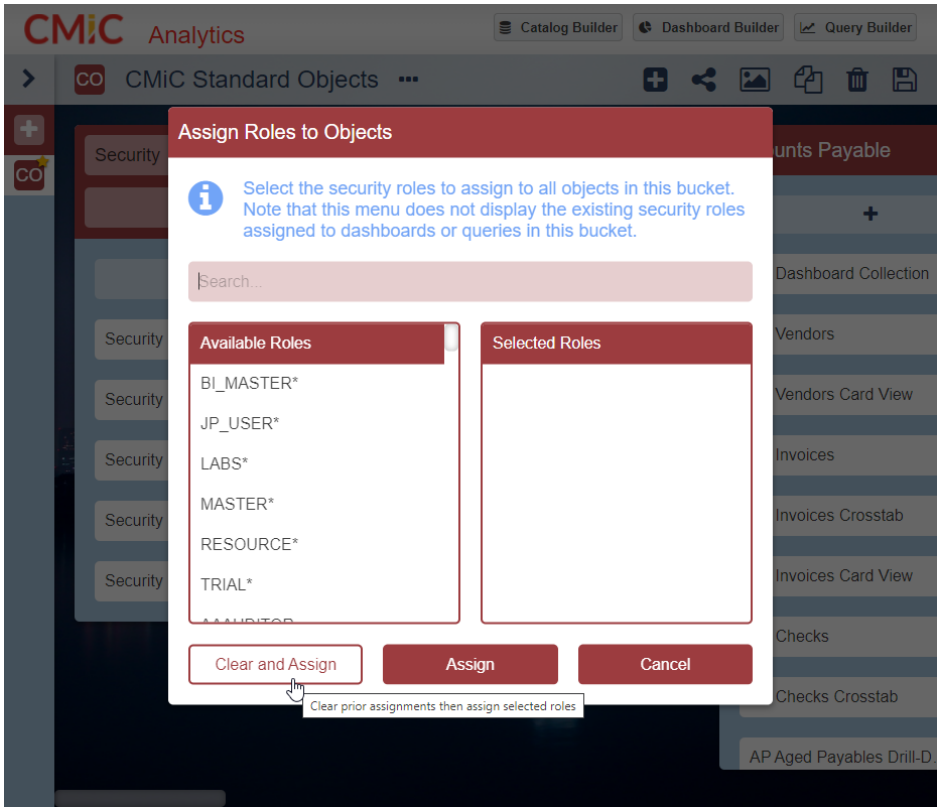
How to use:

- Open program “Assign Roles to Programs”.
- Select application BI.
- Select program Analytics.
- Select a Role that needs to be customized.
- Select/Unselect Update or Delete checkboxes as required.

Analytics Enhancement (21.42008-122,125)

Modifications have been made to enable users to assign roles to bucket objects without removing prior assignments. CMiC also added informative messages to clearly indicate the purpose of the feature.





BI Catalog Builder

BI Catalog – Export/Import Specific Business Areas or Folders
(20.31878)

- Ability to Export/Import specific Business Areas or Folders.

  To import:

  Navigate to “Import Data Source” screen and select an import file as usual.

  Once the file is validated, select Destination Data Source if importing a Business Area or select both a Destination Data Source and a Destination Business Area when importing a folder.

  Press Import

  Usage notes:

  When importing a specific Folder or a Business Area, the program will also import Joins.

  If the destination data source already has a folder or business area with the same name as the one to be imported, then it will be imported with a new name (adding a number suffix). The new name will be displayed in the Import log.

  Export files extensions:

  *.ds – export file for an entire Data Source

*.dsf – export file for a Specific Folder

*.dsb – export file for a Specific Business Area

BI Catalog (19.69431 – 602-618)

Enhancements

- Whenever folders or fields are about to be deleted, a warning will appear showing a list of affected Dashboards/Queries.

  Functionality that uses this feature:

  Refresh.

  Refresh will check if any folders or fields are going to be deleted and will show a list of such folders and fields along with a list of Dashboards/Queries where they are used.

  Add/Remove User-Defined Fields dialog.

  If a User-Defined field is going to be deleted while it's used in a Dashboard/Query, a warning will appear showing a list of affected Dashboards/Queries.

  Field Visible property.

  A warning with the usage report will appear if a user changes Visible property to N on a field that is used in Dashboards/Queries.

  Edit Business Area dialog.

  Removing a table/view from a Business Area will show a list of folders that are going to be deleted.

  Manual delete of a folder or Business Area.

- Added the following folders:

  "GLBI Transactions with Year Period"

  "AP Registered Invoices"

  "EC Posted Transaction Detail"

BI Catalog (19.69431 – 619-638)

New feature: List of available Context Variables for Folders.

As it is now possible to utilize Context Variables used in database views in Dashboard/Query Builder, users are now able to see the list of Context Variables for a corresponding folder in Catalog Builder. The folders now have a new button "Context Variables". S ee screenshot.

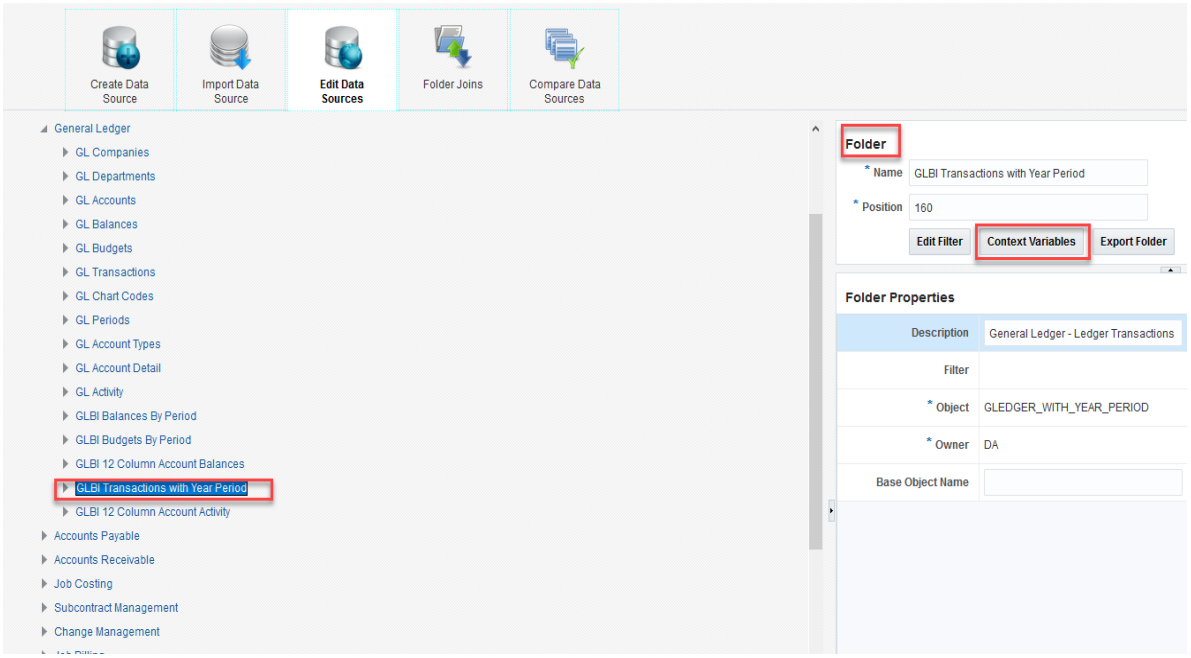
Refresh process:
Refresh process will also refresh the list of context variables.

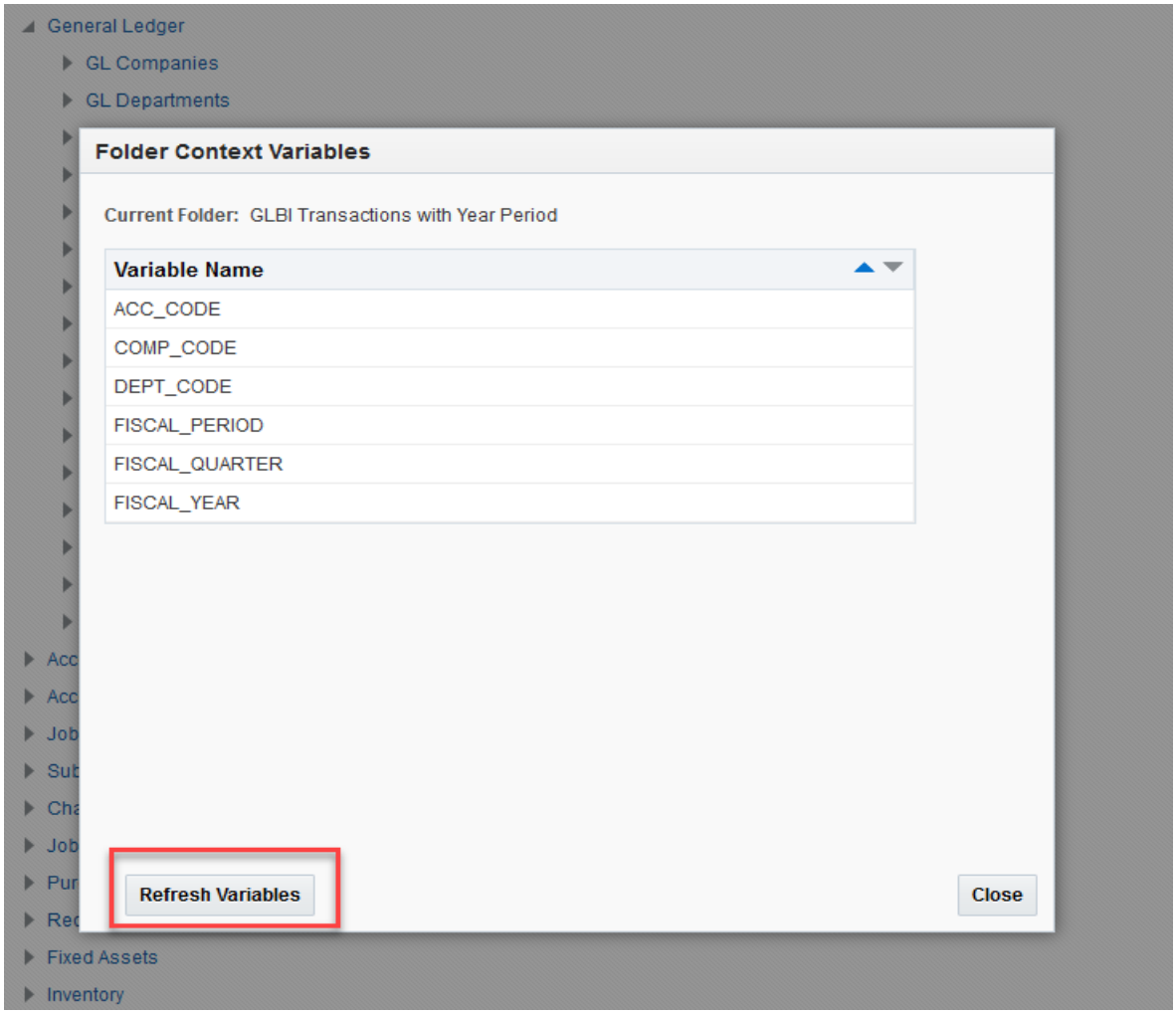
Custom (customer's own) views:

If context variables in customer's own views are modified, to bring the updated list of variables into Catalog Builder, users can either use a new button "Refresh Variables" in the Context Variables popup or execute Refresh on the folder.

In order to be used in CMIC BI, the Context Variables must use namespace "CMIC_BI".

Please, refer to Dashboard Builder's manual on how to utilize Context Variables in your Dashboards and Queries.





Defects resolved:

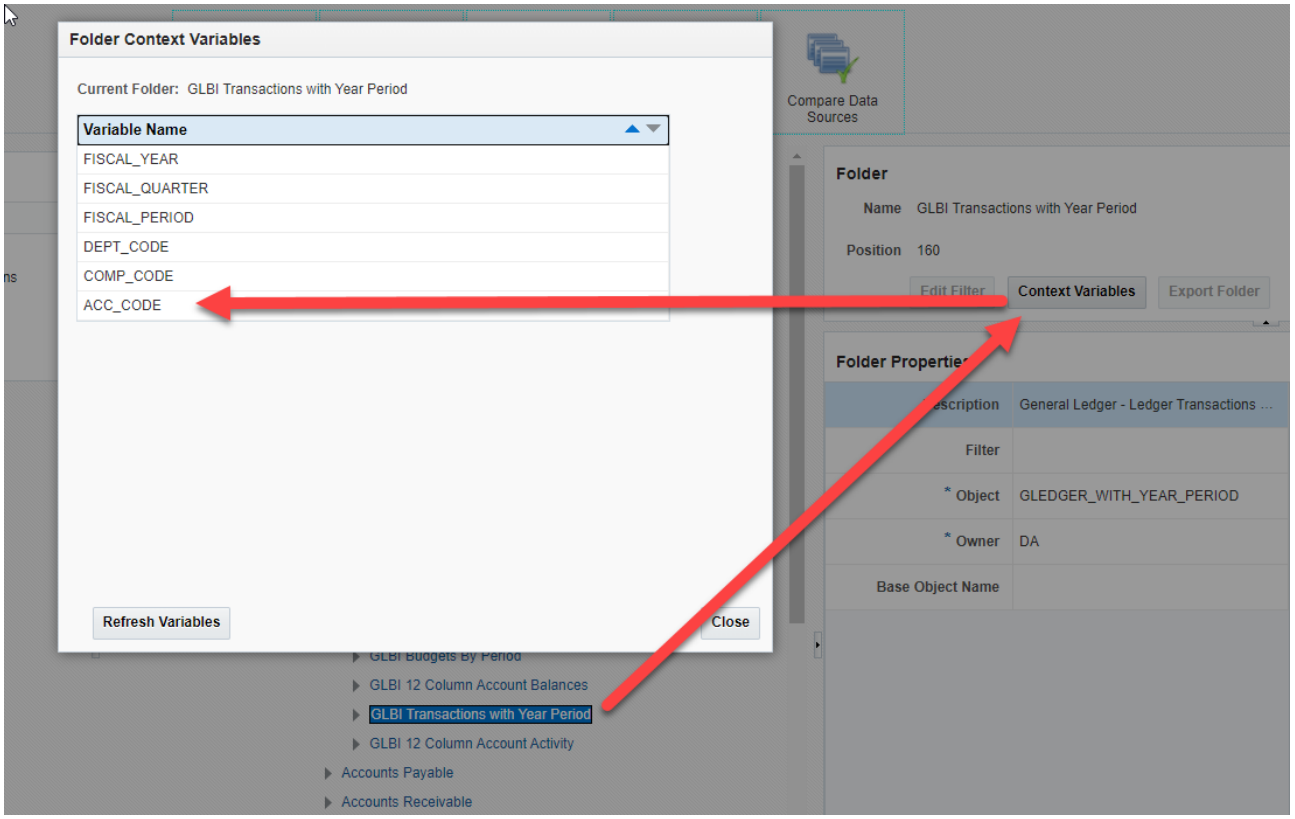
- Compare Data Sources: Fixed an issue where joined fields were not cleared when navigating to folders with no joins.

- Fixed references to not-existing or not-default reports

BI Catalog - Context Variable for GLBI Transactions with Year Period (19.69431 – 641,642)

In Catalog Builder:

Context variables defined for folder GLBI Transactions with Year Period:



BI Catalog – Navigation Panel (19.69431 – 653)

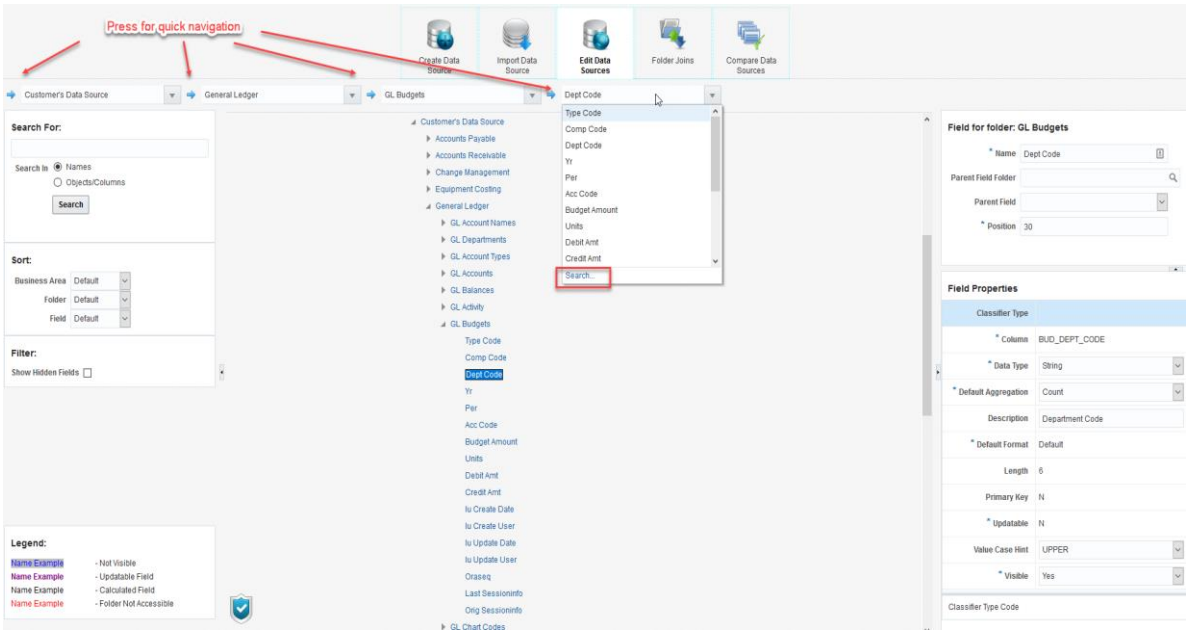
New Features:

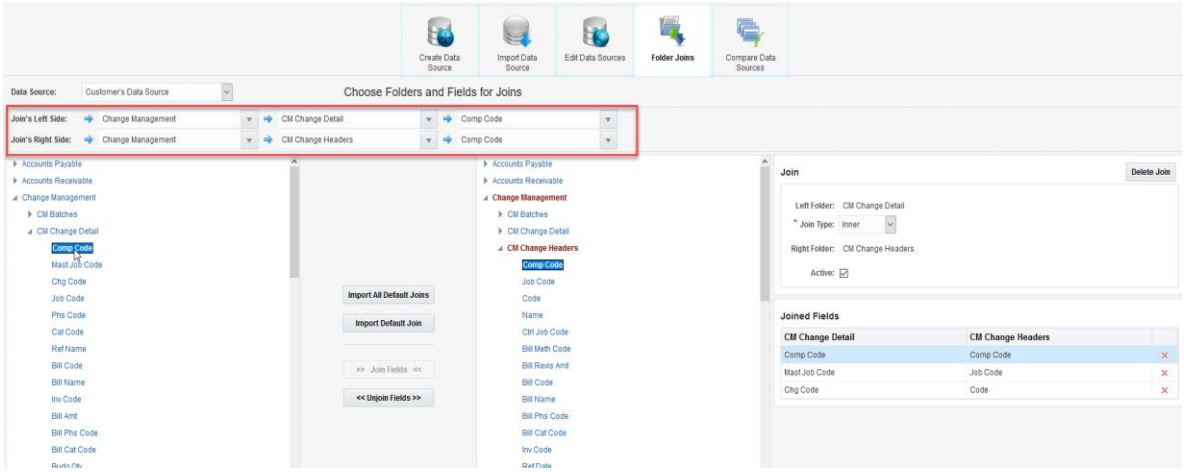
- Navigation Panel for trees.
- Ability to change Sorting in data sources (Edit Data Sources screen).
- Ability to hide/show hidden fields (Edit Data Sources screen).

Navigation Panel is now available for trees in Edit Data Sources and Folder Joins screens.

Panel functionality:

- The panel allows users to navigate the trees and select tree nodes using drop-down lists.
- Each Drop-Down List has Search functionality.
- Users can quickly navigate to top levels by pressing an Arrow icon next to the required level.





Sort Panel:

Sort Panel allows users to sort Business Areas, Folders and Fields by

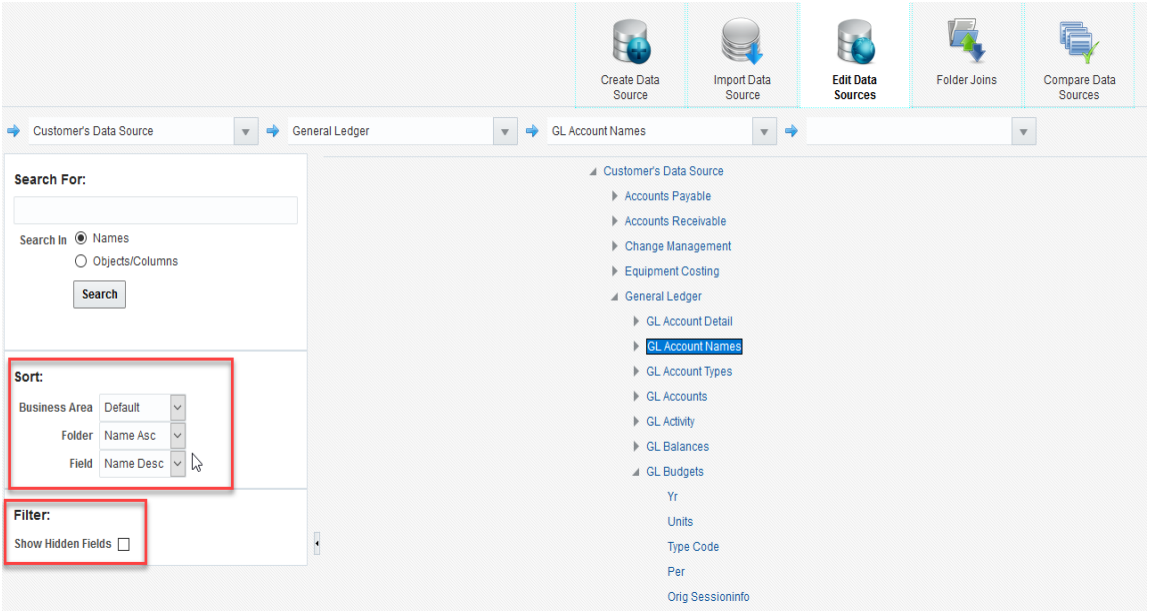
- Default (using Position property)
- Name Ascending
- Name Descending

Filter:

Show Hidden Fields checkbox.

When Unchecked – fields that have “Visible” property set to No will be hidden.

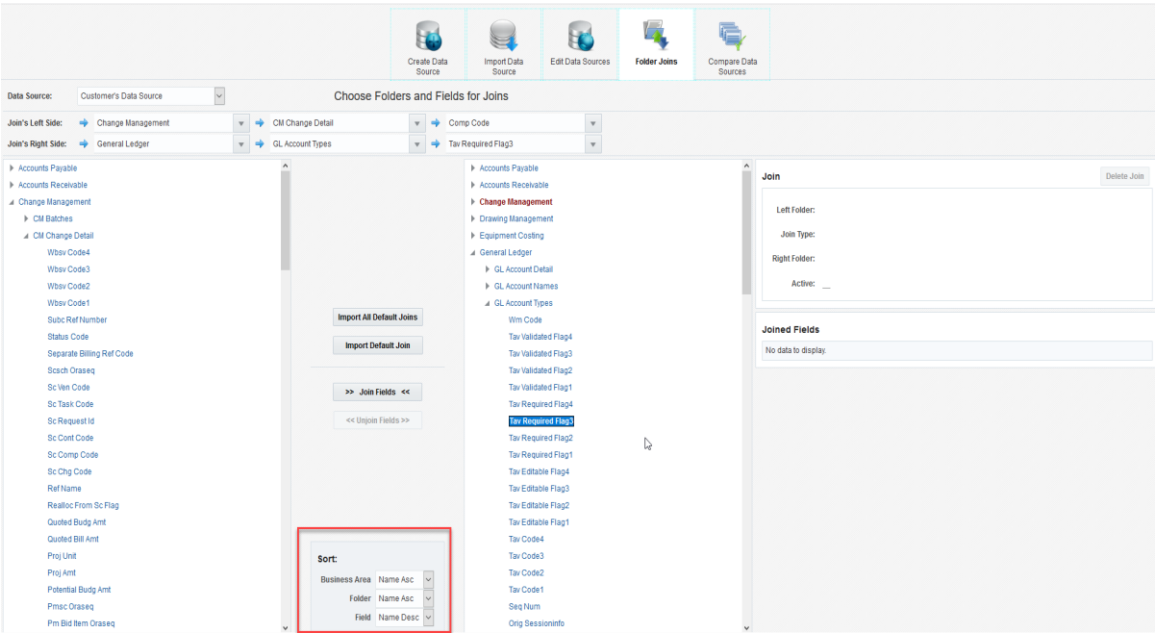
NOTE: The filter is unchecked by default meaning the hidden fields won’t be shown until users check this flag.



BI Catalog – Sort Panel (19.69431 – 656)

New Features:

- Added **Sort Panel** to Folder Joins screen:



BI Catalog - Updates to CMiC Default Data Source (20.31272)

The following updates have been made to the CMIC Default Data Source:

Added Folders:

"GLBI Transactions with Year Period"

"AP Registered Invoices"

"EC Posted Transaction Detail"

"JC Contract Forecast Cost To Complete Details"

"Workflow Look up User"

Removed Folder:
"JC WIP".

Added Business Area:

"Workflow"

Added field to folder "GLBI Transactions with Year Period":
"Conschart Code"

Added fields to Folder "PY Employee Master":

"Reports To Name"

"Student Loan Plan Type"

Added field to Folder "PY Employee Time Sheets":

"Exempt Ref Bch Num"

Added fields to Folder "PY Trades Codes":

"Craft Code"

"Labor Class"

Fixed Join between folders "SC Subcontract Headers" and "SC Subcontract SOV Details":

Removed "Job Code" field condition.

Added join:
"GL Transactions" - "JC Transactions"

BI Catalog – Enabled UDFs for PM Daily Journals (20.32146)

Enabled UDFs for PM Daily Journals (PMDJUDFTAB Classifier type).

BI Catalog – Enabled UDFs for PCI Header (20.34143)

Enabled UDFs for PCI Header (PCIHEADER Classifier type).

BI Catalog – Partial Data Source Export (20.31878)

Implemented Partial Data Source Export.

Fixed a defect where a multiline text (like for calculated fields) transferred into a single line text after Data Source Import.

Improved Search in Edit Available Tables/Views and Edit Business Area screens.

BI Catalog – Modified CMiC Default Data Source (21.36490)

The following changes have been made:

- Added join: "CM PCI Detail" - "AP Vendors"
- Added these fields to folder "RQ Requisition Details":

  "User Field5"

  "User Field6"

  "User Field7"

  "User Field8"

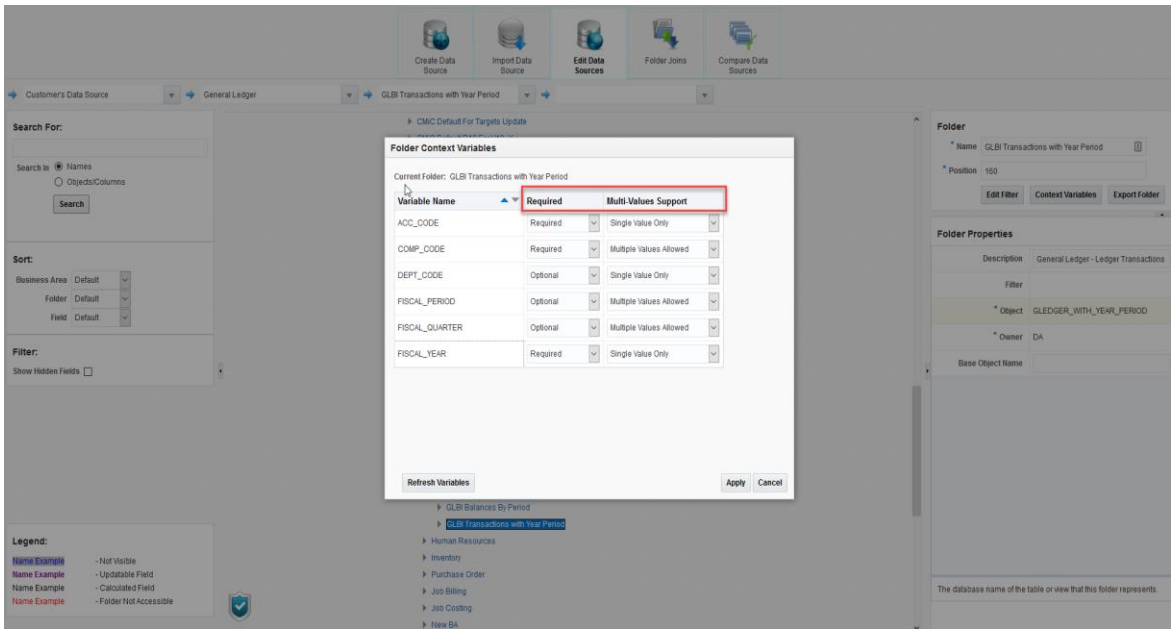
  "Itm Desc"

BI Catalog – Variable Value for Folders Context Variable (19.69431-678,681,685)

A new feature has been added into Catalog Builder for Folders Context Variables:

It is now possible to specify for each Context Variable if the variable value is required and if the variable can handle multiple values.

Once specified, this information will be used by Dashboard and Query Builders (for example in filters).



BI Catalog – Updates to Data Source, Folder, Queries (21.39361-1-5)

The following updates have been made to the BI Catalog :

- Released updated version of CMIC Default Data Source.
- Released new Queries.

- Released updated CMiC Standard Objects Canvas in Analytics.

CMIC Default Data Source changes:

New default dashboards:
- Project Manpower Report

- Current Project Manpower Report

Added folders:

"PY Leave Master"

"PY Employee Leave Table"

"PYBI Employee Leave"

"OM Opportunity Risk Detail"

"OM Sales Team"

Added Join:

"SD System Contacts" - "PM Project Contacts"

Added field:

Folder "PY Employee Master" - Field "Employee"

Removed obsolete field:

Folder "AP Invoices" - field "Image Manager".

New Queries:

Aged Payables Crosstab

Aged Payables Crosstab Drill-Down

Aged Receivables Crosstab

Aged Receivables Crosstab Drill-Down

AP Checks Crosstab

AP Checks Crosstab Drill-Down

AP Invoices Crosstab

AP Invoices Crosstab Drill-Down

AR Cash Receipts Crosstab

AR Cash Receipts Crosstab Drill-Down

AR Invoices Crosstab

AR Invoices Crosstab Drill-Down

GL Transaction Crosstab

GL Transaction Crosstab Drill-Down

GL Transaction Drill Down

JC Transactions Crosstab

JC Transactions Crosstab Detail

JC Transactions Crosstab Drill-Down

Leave Details

Deleted folder "JB Change Orders" as the corresponding view da.JB_CHANGE_ORD was deleted. The folder was not used in any Dashboard or Query.

BI Catalog – New PO, PY Folders and JB Joins (21.39361-6)

Changes made:

New folders added:

"PO Requisition Details"

"PY Control File"

"PY SUI Magnetic Media"

"PY SUI Magnetic Media - California"

New fields added to "PY Employee Master" folder:

"US Employee Count"

"California Employee Count"

New field added to "PM Documents" folder:

"Count"

New joins added:

"JB Contract Details" - "CM Owner Change Order - Posted"

"JB Contract Headers" - "CM Owner Change Order - Posted"

BI Catalog – Default Data Source Changes (21.45771-3)

Changes made to the Default Data Source include:

- Fixed incorrect field names in folder "PM Project Labor Distribution".

- Updated calculation for field "Object Type" in folder "PMBI Outstanding Action Items"

- Added new folders:

  "From Project Contact"

  "Responsible Project Contact"

  "To Project Contact"

BI Catalog – Resource Planning-related Updates Made (21.50685-1,2)

Changes made:

Default Data Source:
- Added new field "Forecast Period Date" to folder "JC Period Balances".
- Added joins:
  "Needs" to "GL Companies"
  "Needs" to "JC Jobs"
- Fixed join between "JC Period Balances" and "JC Job Phases" folders.

Default Dashboards:
- Added new dashboards: Profit Fade and Resource Planning.
- Default Canvas: Added Profit Fade and Resource Gantt cards.

BI Catalog - Updates Made to Most Modules (21.50685-3,4)

Default Dashboard:

- Added new Purchase Order Dashboard

Default Data Source changes:

Fields modifications:
- folder "GL Companies" - added new fields "Rbq Num" and "Neq Num".
- folder "AP Vendors" - added new field "Payment Purpose Code".
- folder "AP Invoices" - added new fields "Deposit Amt" and "Workflow Status".
- folder "AP Checks" - added new fields "Nvp Pay Batch Id" and "Down Payment Flag".
- folder "AP Voucher Distributions" - added new field "Deposit Amt".
- folder "AP Voucher Payments" - added new field "Rev Code".
- folder "AR Tax Codes" - added new fields "Reverse Chrg Flag", "Authorities Code", "Description", "Eng Translation".
- folder "JC Jobs" - added new fields "Phs Template Code", "Apply Phs Template Flag", "Show Cost Amt Wip Flag".
- folder "JC Transactions" - added new field "Deposit Amt".
- folder "JC Contract Forecast Detail" - added new field "Unposted Pci Spent Amt".
- folder "JCBI Cost Status Query" - folder renamed to "JCBI Cost Status Snapshot".
- folder "SC Subcontract Headers" - added new fields "Deposit Pct", "Deposit Amt", "Deposit Approval Date".
- folder "SC Subcontract SOV Details" - added new fields "Cont Deposit Pct", "Cont Deposit Amt", "Curr Deposit Pct", "Curr Deposit Amt", "Prev Deposit Amt", "Prev Deposit Pct".

- folder "SC Vendors" - added new field "Payment Purpose Code".
- folder "SC Control" - added new field "Deposit Approval Flag".
- folder "SC Voucher Details" - added new fields "Deposit Amt", "Workflow Status".
- folder "CM PCI Detail" - added new field "Markup Flag".
- folder "CM PCI Header" - added new fields "Workflow Status", "Allow Cost Flag".
- folder "CM PCI Detail - Unposted" - added new field "Markup Flag".
- folder "CM PCI Header - Unposted" - added new field "Allow Cost Flag".
- folder "CM Posted PCI Detail" - added new field "Markup Flag".
- folder "CM Posted PCI Header" - added new field "Allow Cost Flag".
- folder "CM Detail Original Budget Posted" - added new field "Markup Flag".
- folder "CM Master Original Budget Posted" - added new field "Allow Cost Flag".
- folder "JB Contract Headers" - added new field "Remit Details".
- folder "JB Risk Management Codes" - added new field "Amt".
- folder "JB Risk Management Rates" - added new field "Amt".
- folder "JBBI Transaction Detail Query" - added new field "Comp Code".
- folder "PO Blanket Purchase Order Headers" - added new fields "Wkfl Status", "Wkfl Signed Date", "Wkfl Routing Comp", "Wkfl Routing Job".
- folder "PRM Transactions" - added new field "Exchg Curr Code".
- folder "PY Employee Master" - deleted fields "Salary Frq" and "Monthly Salary".
- folder "PY Employee Pay History" - added new fields "Exchg Curr Code", "Exchg Rate".
- folder "PY Employee Time Sheets" - added new field "Exchg Curr Code".
- folder "PY Trades Codes" - added new field "Apprentice".
- folder "PY Control File" - added new field "Use Work Comp Curr Flag".
- folder "PM Projects" - added new field "Pre Win Proj Code".
- folder "PM Documents" - added new fields "Sheet Number", "Location Code", "Trade Name".
- folder "PM History" - added new fields "Required Reviewer Flag", "Seq Num".
- folder "PM Journal Headers" - added new field "Wf Approval Status".
- folder "PM Project Partners" - added new fields "Approver Partner Code", "Approver Partner Type", "Approver Cont Code".
- folder "PM Submittals" - added new fields "Curr Review Start Date", "Curr Review End Date", "Curr Review Lead Time", "Review Start Date", "Review End Date", "Review Lead Time".
- folder "DRW Drawings" - added new fields "Location Code", "Sheet Number 1", "Trade Name".
- folder "DRW Annotations" - added new field "Thumbnail Available Flag".
- folder "DRW Documents" - added new fields "Location Code", "Sheet Number", "Trade Name".
- folder "OM Project Table" - added new field "Pre Win Proj Code".
- folder "OMBI Opportunity Query" - added new fields "Job Orig Contract Amt", "Job Contract Amt".
- folder "SP References" - added new fields "Clv Value Code1", "Clv Value Code2", "Clv Value Code3", "Clv Value Code4", "Clv Value Code5", "Clv Value Code6".
- folder "WO Jobs" - added new fields "Phs Template Code", "Apply Phs Template Flag", "Show Cost Amt Wip Flag", "Certrep Email".
- folder "PM Document Types" - added new fields "Sheet Num Title", "Location Code Title", "Trade Name Title", "Sheet Num Active Flag", "Location Active Flag", "Trade Name Active Flag".
- folder "PM Security Roles" - added new field "Internal Only Flag".
- folder "From Project Partner" - added new fields "Approver Partner Code", "Approver Partner Type", "Approver Cont Code".
- folder "To Project Partner" - added new fields "Approver Partner Code", "Approver Partner Type", "Approver Cont Code".

- folder "Responsible Project Partner" - added new fields "Approver Partner Code", "Approver Partner Type", "Approver Cont Code".

Added new folders:
- "PYBI Timesheet Query"
- "Py Bi Ca Det"
- "Py Bi Ca Hours"
- "Py Bi Ca Payment"
- "Py Bi Ca Sum"
- "REST API Audit"
- "AR Tax Codes 1"
- "AR Tax Codes 2"
- "AR Tax Codes 3"

Added new Joins between folders:
- "JCBI Phase Unit Summary - Earned Value" and "JC Jobs"
- "JC Jobs" and "PO Purchase Order Headers"
- "PO Purchase Order Detail" and "JC Jobs"
- "PO Purchase Order Detail" and "PO Free Form Item Detail"
- "PO Purchase Order Detail" and "IV Item Master"
- "PO Purchase Order Headers" and "PO Purchase Order Batches"
- "PM RFIs" and "Responsible System Contact"

BI Catalog - Updates Made to JC,SD,PM (21.50685-5,6)

New Default Dashboards:
"Expected RFI Dashboard", "Expected Cost Dashboard", "Project and Employee Map"

Default Data Source changes:

Added new folders:
JC Expected Cost 1
JC Expected Cost 2
JC Expected Cost 3
Comparison Project List
Comparison Project List IDs
Comparison Project Details
PM Expected RFI Counts

Deleted folders:
SD System Privileges
PM Programs
PM Project Privileges

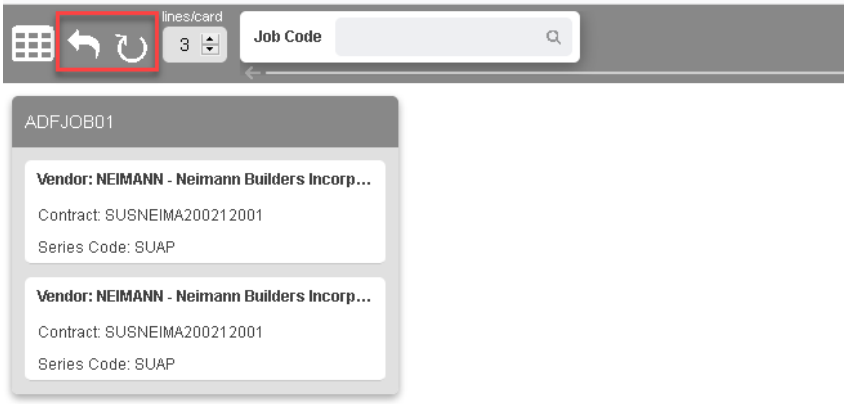
BI Dashboard Builder

BI Dashboard (19.69431 – 602-618)

Enhancements

- Added BACK and REFRESH buttons to the Card View.

  The [**Back**] button is available only when a “drill-in-place” has occurred.



- Calculated Fields
  - The **switch function** can be used to replace blank values with a field reference or a constant. This feature is supported for all data types.

    The switch function converts a field reference’s values against a list of values and returns one of multiple possible result.

    Syntax:

    switch(<field reference>, <value>, <result>[, <value>, <result>]…[, <else>])

The data type of the field reference must be the same as the comparison value’s data type. The data type of the result must be the same as the calculated field’s data type. The blank() function can be used in place of the comparison value.

Expression Examples

*New Amount A = -15 * ('Folder 1'[Amount 1] - 'Folder 2'[Amount 2]) / 'Folder 3'[Amount 3] + 29.76*

*New Amount B = 100 * switch('Folder 2'[String Field], blank(), -1, "One", 1, "Two", 2, "Three", 3, 0)*

Status = "Status: " & switch('Folder 2'[Amount 2], blank(), "Undecided", 1, "Approved", 2, "Denied","Other")

Two Lines = "Line 1\nLine2"

Address = 'Folder 1'[Address Line 1] & "\n" & 'Folder 1'[Address Line 2]

Full Name = 'Folder 1'[First Name] & " " & 'Folder 2'[Last Name]

Message = "The file \"" & 'Folder 1'[File Name] & "\" is located at C:\\Temp\\"

- Added the **date function** that returns the specified date in the DATE data type.

  Syntax:

date(<year>, <month>, <day>)

+ year: a number representing the year.

+ month: a number from 1 to 12 representing the month.

+ day: a number from 1 to 31 representing the day.

Notes on Calculated Fields

BI supports calculated fields for all visualizations.

Rules:
- A calculated field may not be created from another calculated field.
- A calculated field's data type may be number, date, string or URL..
- To construct a number calculated field, the following arithmetic operators are supported:
  + (addition)
  - (subtraction)
  * (multiplication)
  / (division)
- To construct a string or URL calculated field, the operator & is used for concatenation.
- A field reference is constructed in the following format:
  'Folder Name'[Field Name]
  The folder name part is enclosed in single quotes ' and the succeeding field name part is enclosed in square brackets []
- When constructing a string or URL calculated field, the values of a number/date field reference is converted to string using the field's default format pattern.
- String literal is enclosed in double quotes "
- In a string literal, a double quote can be specified as \", a line break can be specified as \n and the escape character \ can be specified as \\

Defects Resolved

- Dashboard/page filters cannot filter other visualizations using a visualization calculated field (a calculated field created on dashboard builder).

  Resolution: Since a visualization calculated field is localized to the page filter, it cannot be used to filter other visualizations. Disable the ability to create visualization calculated fields in a page filter.

- Unable to export a table to Excel when the table contains a calculated column – resolved.

- Issue 20.32578: PDF export prints [Blank] on inactive subtotal cells.

- Changes for issue 20.27270 (When a table data value of group sorted cell is null, display it as [Blank] on ADF, Excel and PDF) are causing too many side effects, including issue 20.32578 above. Resolution: Revert changes for issue 20.27270.

- Table visualization raises error when it contains an aggregated column and an aggregated filter from the same field.

- The default canvas export module releases default canvas containing cards referencing invalid dashboards (not exist or not default). Resolution: Add validation for this condition, stop the process and produce a detail HTML error report (see attachment).

- The default dashboard export module releases default dashboards containing invalid drill-in-place or invalid visual references (not exist or not default). Resolution: Add validation detecting default dashboard containing drill-in-place or visual reference point to:

-- A non-default dashboard

-- A dashboard that does not exist

-- A visualization that does not exist

stop the process and produce a detail HTML error report (see attachment).

BI Dashboard (19.69431 – 619-638)

Enhancements

- Change Dashboard/Query Builder banner

- Add Crosstab Visual for experimental mode only.

- Enhance validation for visualization calculated field switch function for the date data type.

Defects Resolved - Analytics

- default canvas export validation is always false.

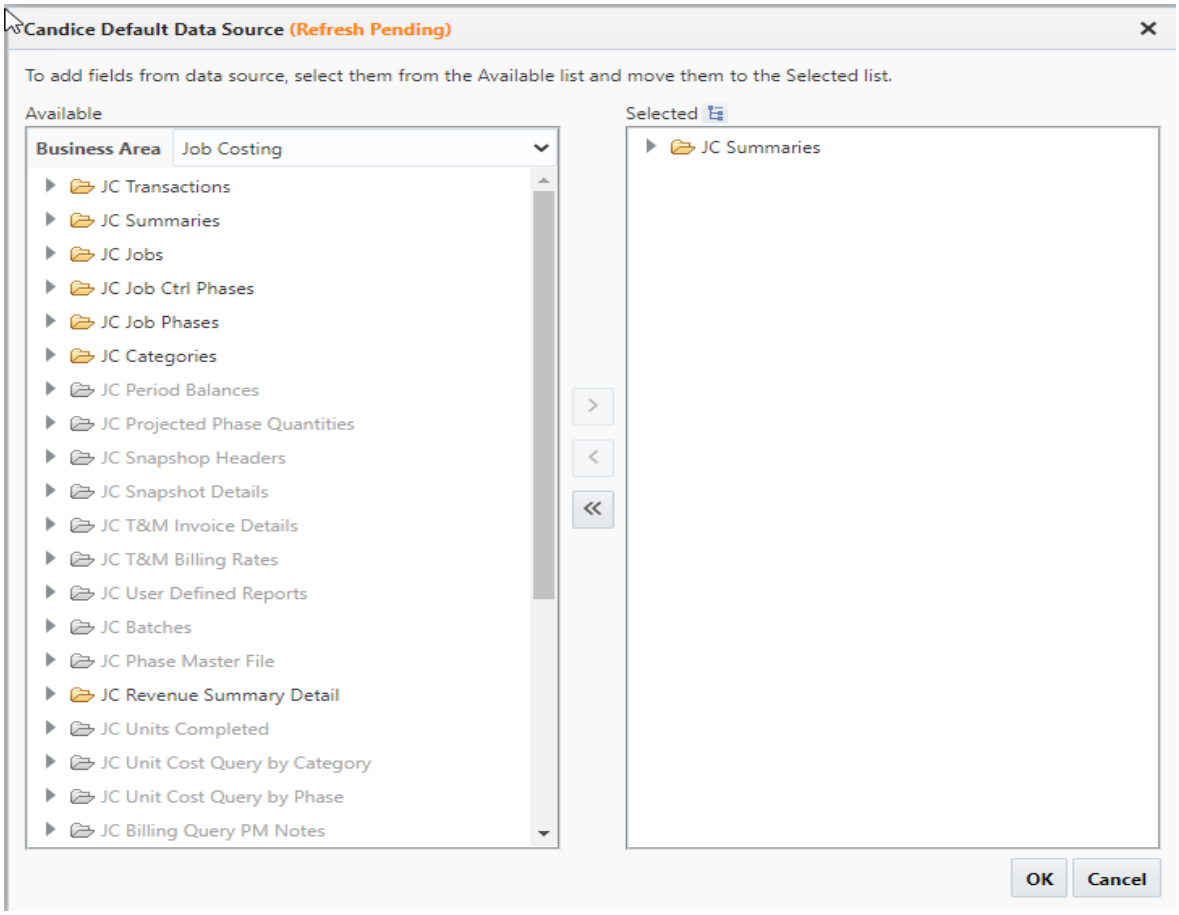
- default canvas and default dashboard export validation is always false.

BI Dashboard – Asynchronous Data Refresh (19.69431 – 639,640)

Changes:

- Crosstab: Added “Drill in Place”, removed sort panel, remove disable autoload data, swap rows and columns, add auto row-column sort
- Display "(Refresh Pending)" for data source that is queued for refresh.

  For performance reasons, data source refresh is asynchronous. Dashboard users are not blocked waiting for a data source refresh. When a data source is queued for refresh, the (Refresh Pending) suffix is added to the data source name on the fields selection popup.



BI Dashboard - Dashboard Filter as Context Variable (19.69431 – 641,642)

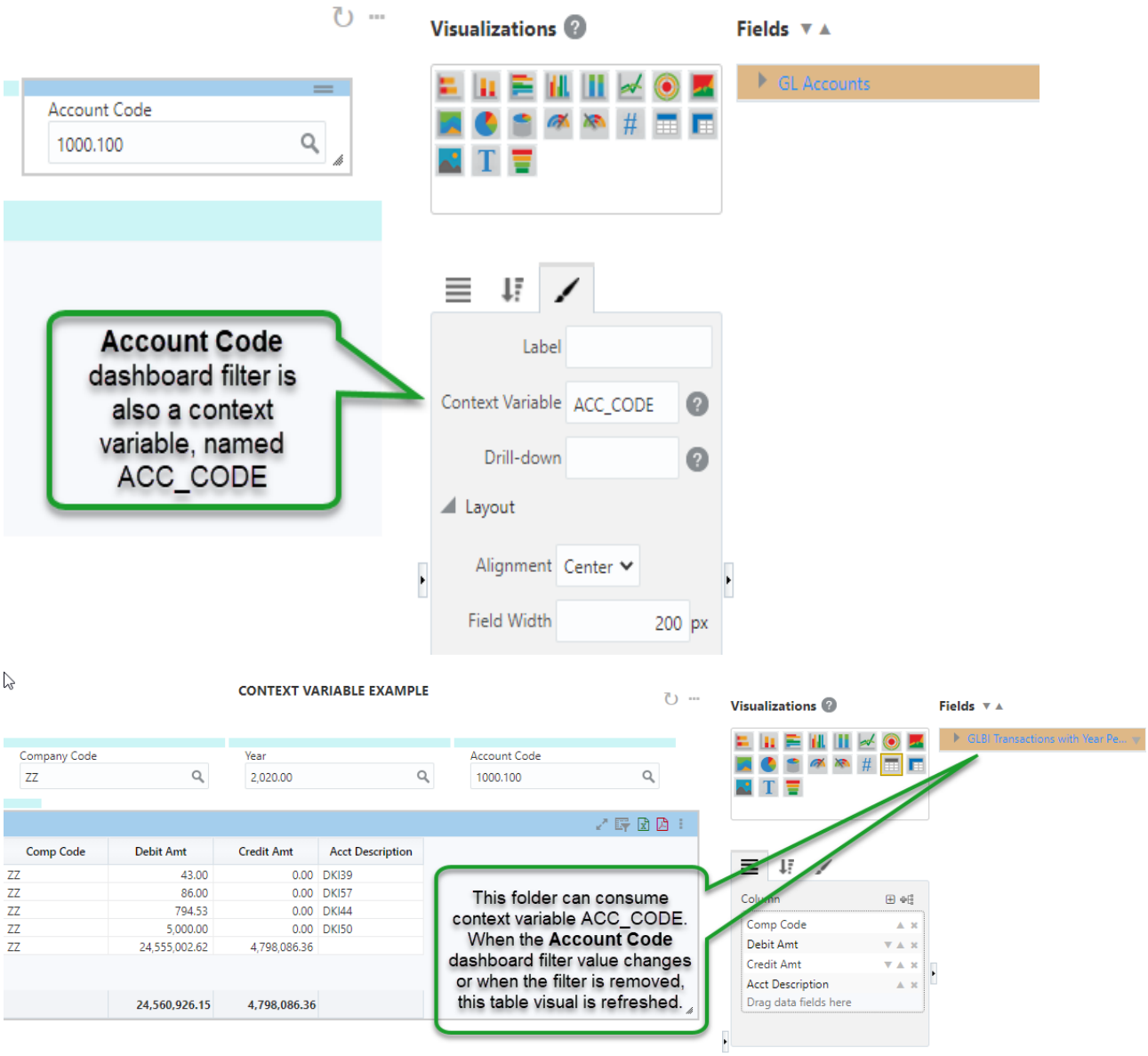
Changes made:

When a dashboard filter (page filter) is a context variable[1], any changes to its value or when it is removed, will refresh all visualizations that are affected by the context variable[2].

[1] A dashboard filter is a context variable when its property Format -> Context Variable contains a context variable name.

[2] A visualization is affected by a context variable when one of its folders contains the context variable name. For more information about

Example:



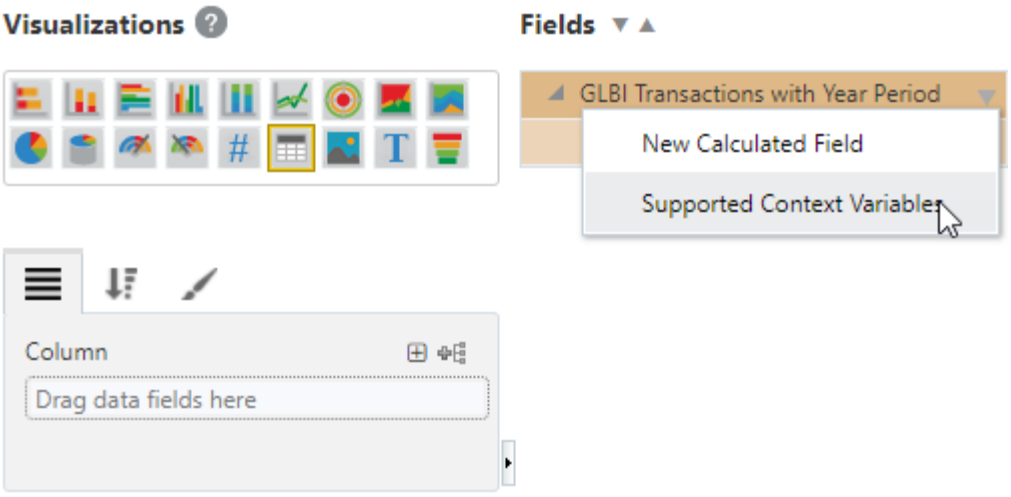
BI Dashboard – Supported Context Variable (19.69431 – 643,644)

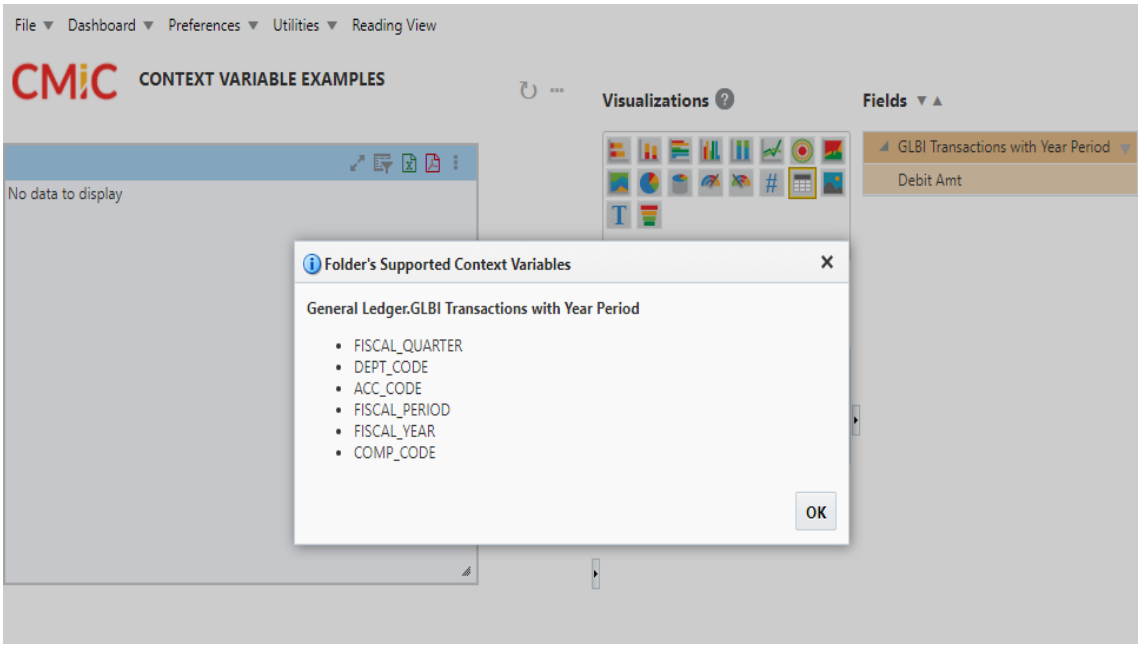
Defects Resolved:

Issue 20.35822: BI Reports Exporting Differently in Excel Than Formatted.

Enhancements:

For dashboard designers without access to Catalog Builder, a folder's supported context variables are also available on Dashboard Builder.





BI Dashboard – Page Filter – Added Support for Single-valued

(19.69431 – 651,652)

Changes:

- **Crosstab: --** Add total/subtotal

  -- Allow total/subtotal cell to be drillable

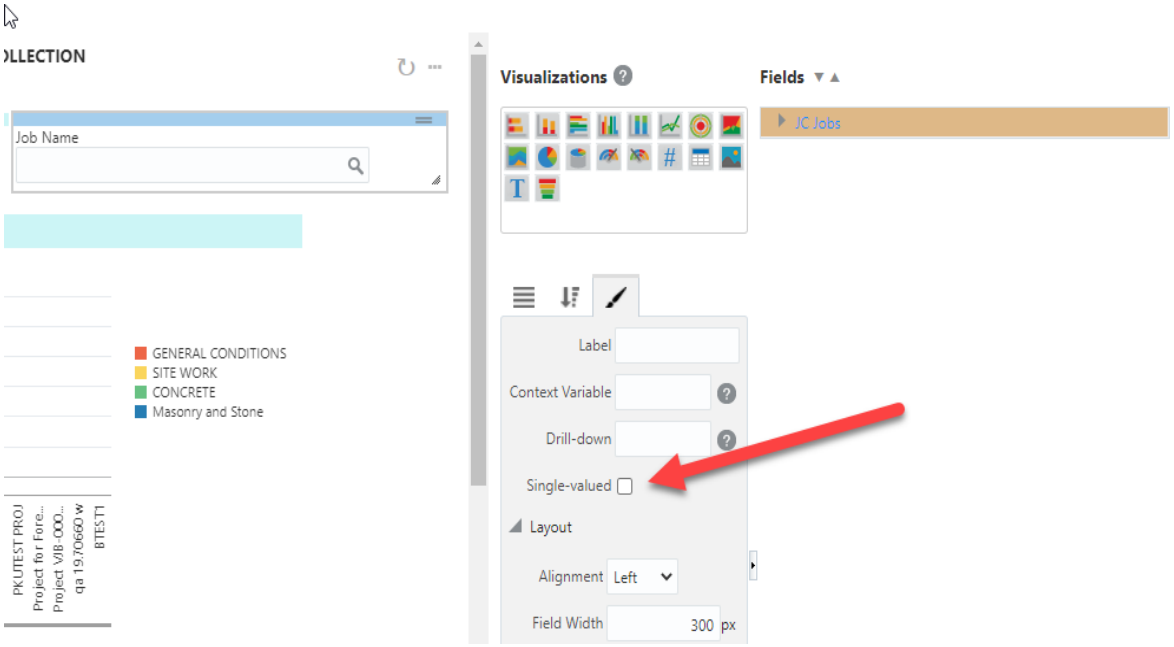
-- Add total/subtotal configuration (visible, label, font weight, font color, background color)

-- Add custom label for column/row/value

-- Add sort order option (ascending/descending)

-- Add custom format for column/row/value

- Dashboard/page filter: added support for single-selection only. The **Single-valued** setting is available for dashboard designers to indicate that the filter can use a single value only. This enhancement is especially needed when using legacy parameterized views with context variables in BI. There are many instances when the legacy views cannot consume multi-valued context variables.



BI Dashboard Crosstab Visualization Added (19.69431 – 654,655)

Enhancements:

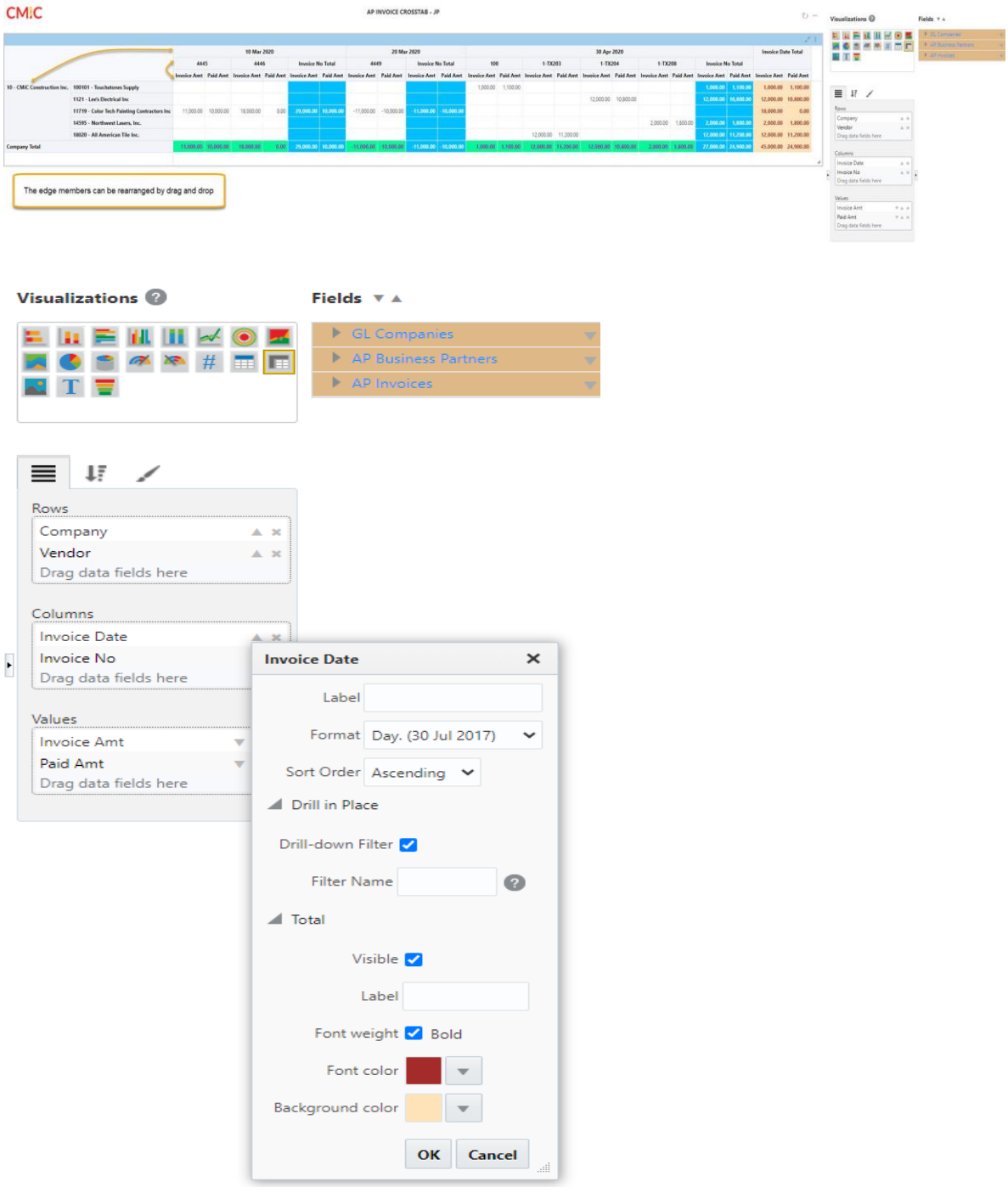
Added the **Crosstab** visualization. For subtotal/total to be available, all "Values" fields must use one of the following aggregations:

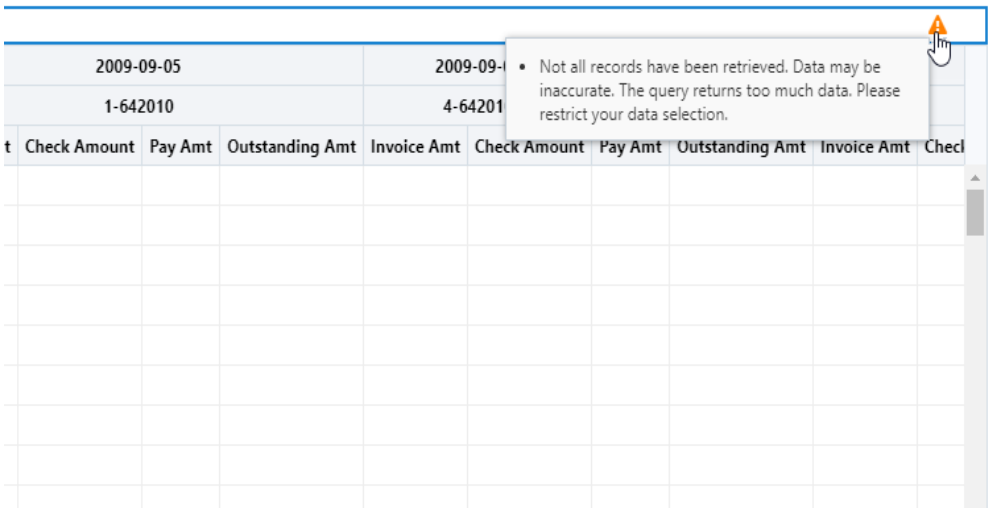
Count

Count (Distinct)

Sum

Example:


CMiC
AP INVOICE CROSSTAB - JP
The edge members can be rearranged by drag and drop
Visualizations
Fields
GL Companies
AP Business Partners
AP Invoices
Rows
Company
Vendor
Drag data fields here
Columns
Invoice Date
Invoice No
Drag data fields here
Values
Invoice Amt
Paid Amt
Drag data fields here
Invoice Date
Label
Format
Day. (30 Jul 2017)
Sort Order
Ascending
Drill in Place
Drill-down Filter
Filter Name
Total
Visible
Label
Font weight
Bold
Font color
Background color
OK
Cancel



BI Dashboard – Crosstab View for Queries (19.69431-661,662)

Enhancements:

- Added crosstab view for queries.
  -- All visible non-aggregated columns are converted to crosstab rows. This behavior can be changed in the Crosstab View properties section.
  -- All aggregated columns are converted to crosstab values.

  -- In crosstab view, the edge members can be rearranged. Their positions can be saved.

  -- Support crosstab drill in place and total.

  -- The query starts in crosstab view.

  -- Support dashboard/page filters in crosstab view.

  -- Calculated column is not supported.

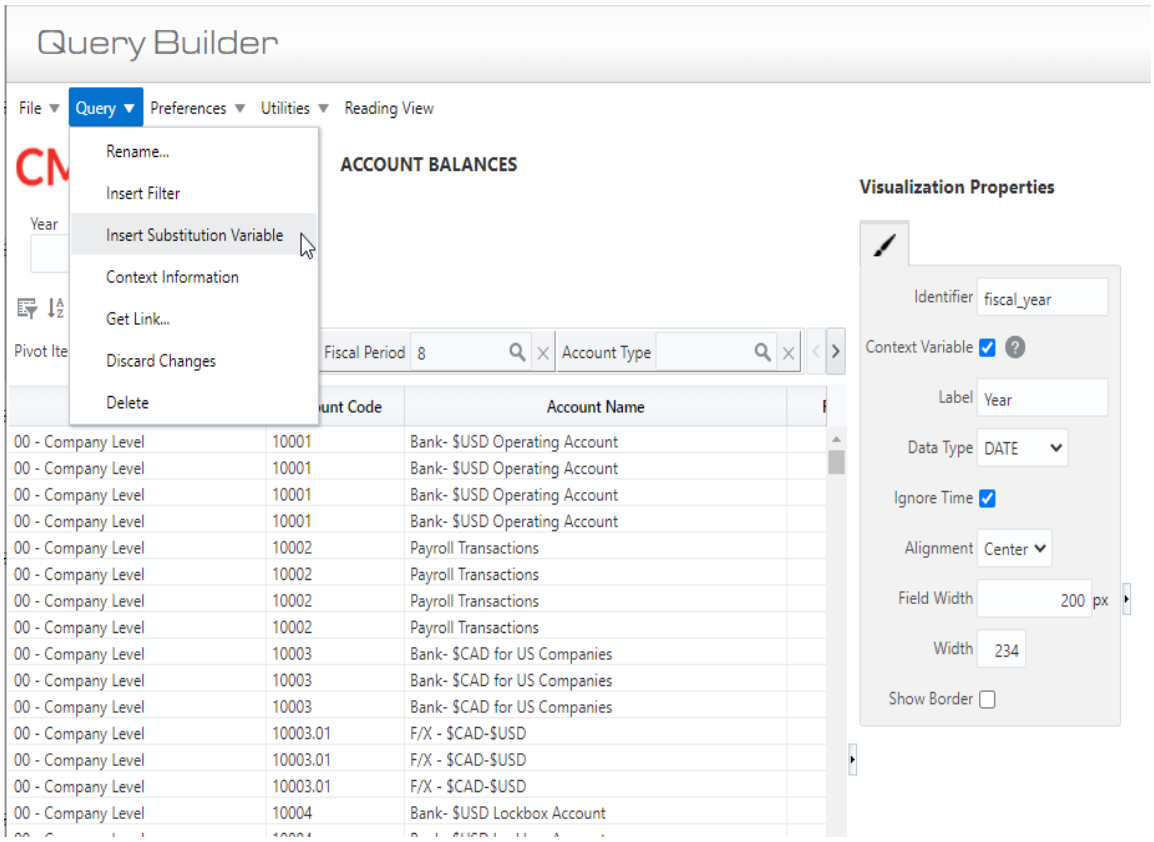
- For visualization calculated field, add support for number field in the date.addDays function. The number of days parameter can be a number field.

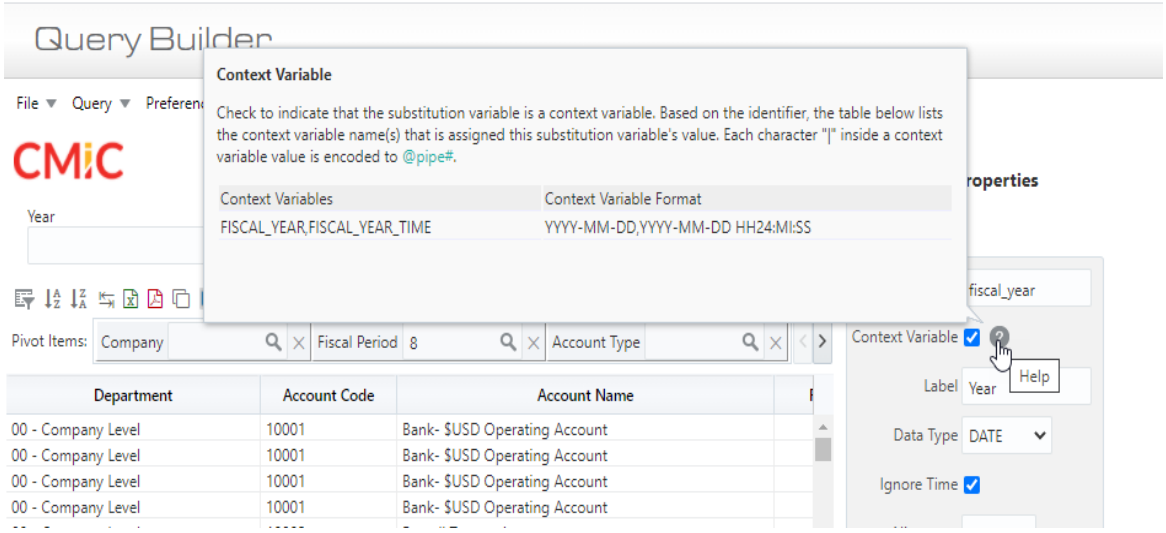
BI Dashboard - Substitution Variables for Query Builder (19.69431-672,673)

Enhancements:

- Added substitution variables to Query Builder

- Added an option to turn a substitution variable to a context variable.





BI Dashboard - Dashboard Filter Enhancements (19.69431- 682,683,686)

Enhancements:

- Dashboard filter: Support an optional Description plotting field. The values of the Description field will be displayed within the list (LOV) instead of the values of the Filter By field. This feature allows dashboard designers to:

1. Optimize performance by using an indexed code or oraseq for the Filter By field. This usage is highly recommended.

2. Provide a user-friendly list by using the Description field.

Add Selected Value(s) Details popup to display the selected Filter By values and Description values in detail.

- Dashboard filter: Support visualization calculated field for the Description plotting field.

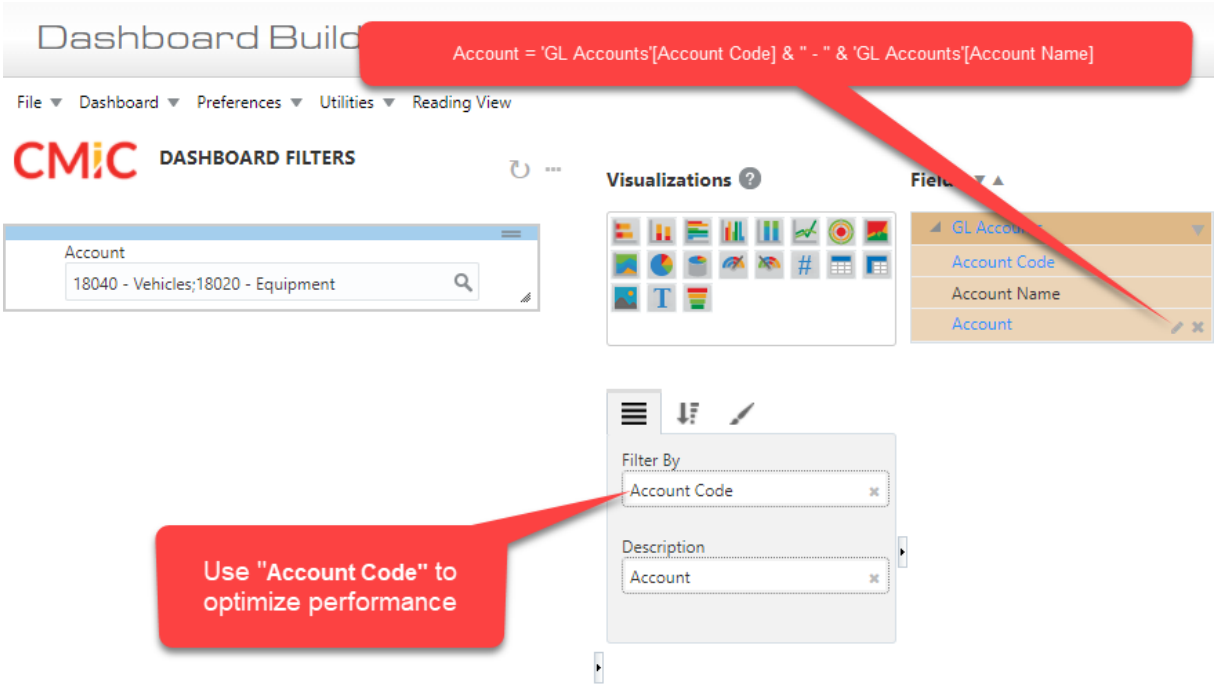
- Dashboard filter: Support filter by [Blank] or NULL. The value [Blank] is displayed in the list (if exists) for selection.

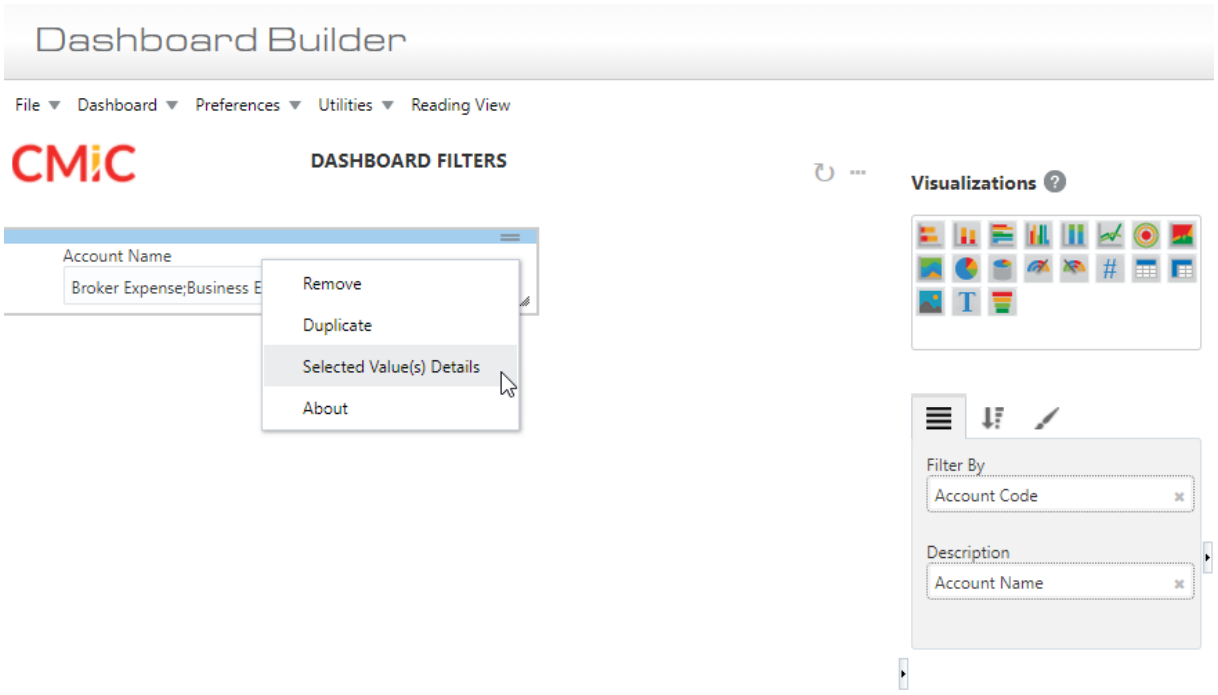
- In the Supported Folder's Context Variables popup: Display context variable attributes (Value Required, Single-valued). These attributes are specified in Catalog Builder.

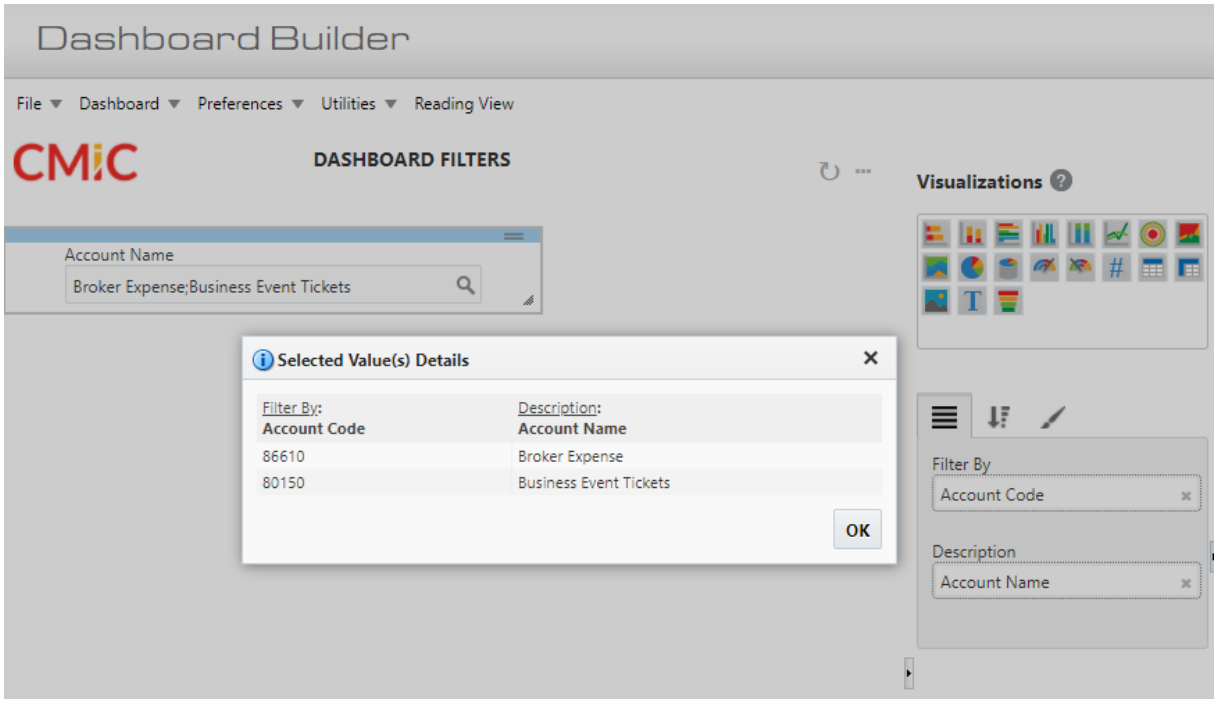
-- When a context variable is "Value Required", the underlying SQL view of the folder will only return data when it receives the context variable with a value. It is recommended that any dashboard filters representing the context variable should be labelled as required or mandatory.

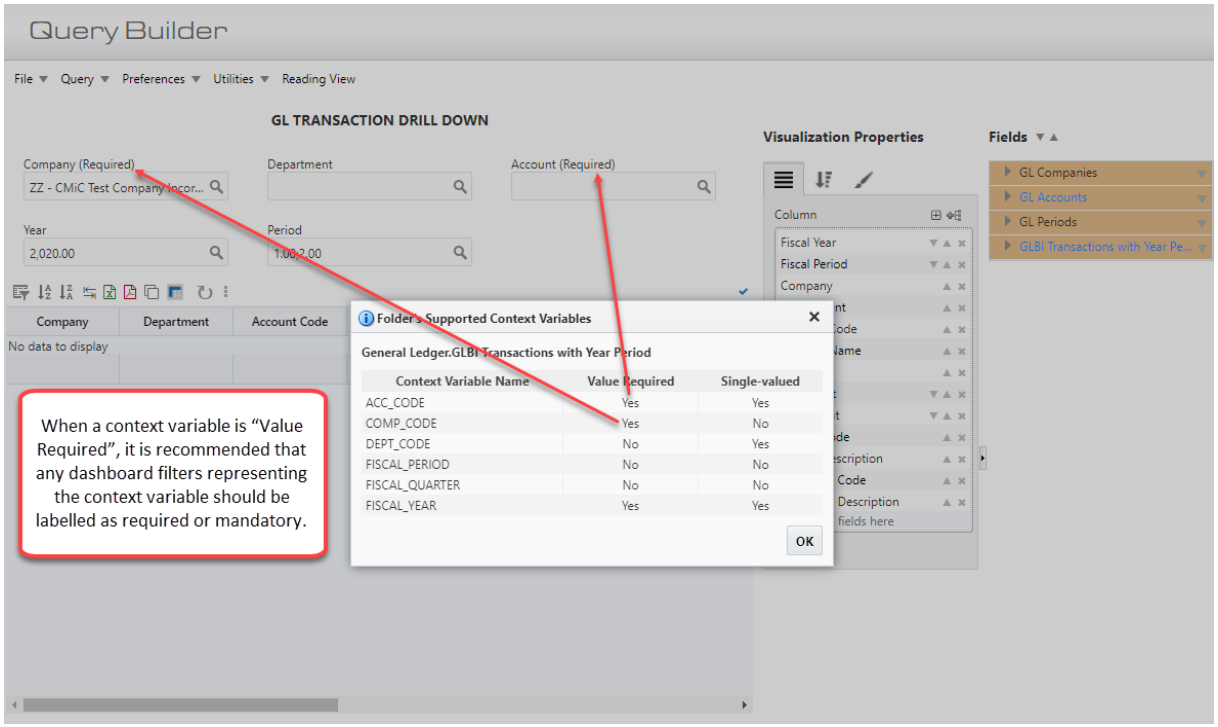
-- Unless a context variable can have more than one value at one time (as specified in Catalog Builder), it is assumed to be single-valued. Any dashboard filter(s) representing a single-valued context variable is automatically single-valued. Multiple value selection is disabled and the dashboard filter's Single-valued property is automatically checked.

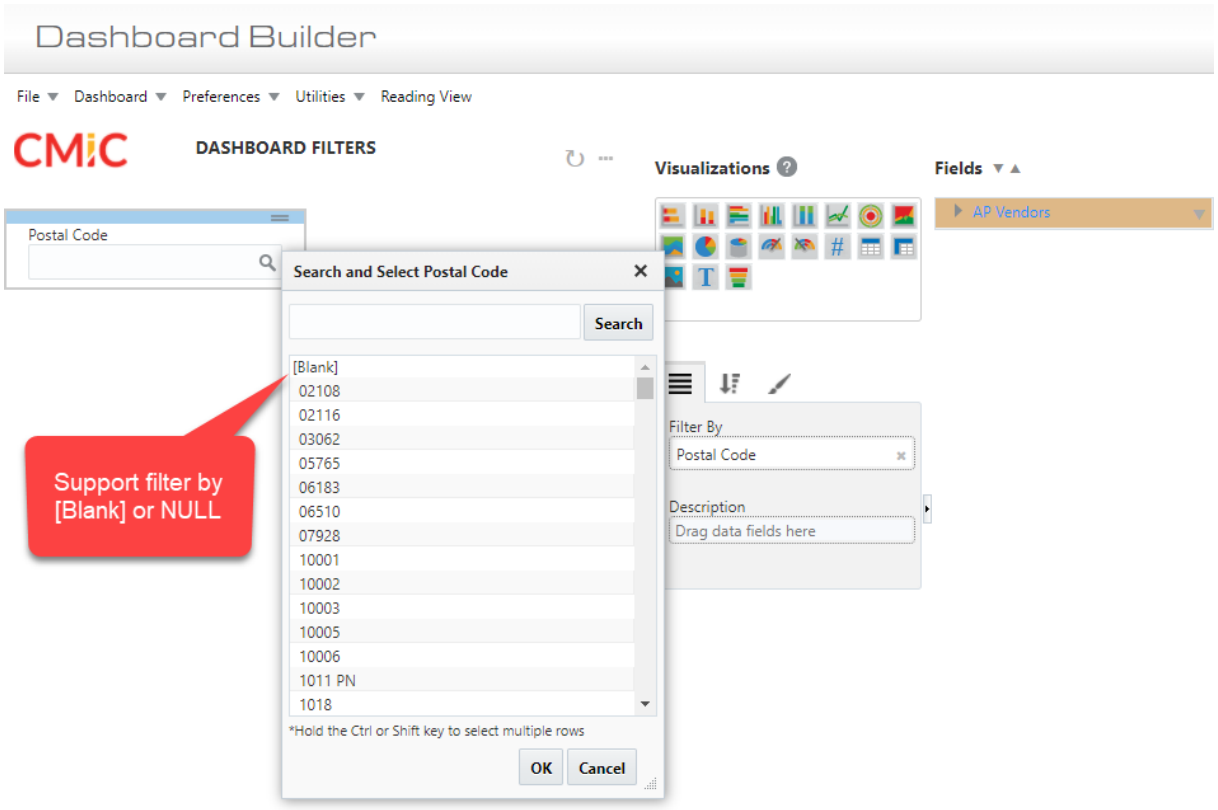
- When default dashboards and queries are released, clear all selected values of table pivot items but keep all selected values for dashboard filters and substitution variables.




Dashboard Builder
File
Dashboard
Preferences
Utilities
Reading View
CMiC
DASHBOARD FILTERS
Visualizations
Account Name
Broker Expense;Business E
Remove
Duplicate
Selected Value(s) Details
About
Filter By
Account Code
Description
Account Name


Dashboard Builder
File
Dashboard
Preferences
Utilities
Reading View
CMiC
DASHBOARD FILTERS
Visualizations
Account Name
Broker Expense;Business Event Tickets
Selected Value(s) Details
Filter By:
Account Code
Description:
Account Name
86610
Broker Expense
80150
Business Event Tickets
OK
Filter By
Account Code
Description
Account Name


Query Builder
File Query Preferences Utilities Reading View
GL TRANSACTION DRILL DOWN
Company (Required)
ZZ - CMiC Test Company Incor...
Department
Account (Required)
Year
2,020.00
Period
1.00 2.00
Company
Department
Account Code
No data to display
Visualization Properties
Column
Fiscal Year
Fiscal Period
Company
Fields
GL Companies
GL Accounts
GL Periods
GLBI Transactions with Year Pe...
Folder's Supported Context Variables
General Ledger.GLBI Transactions with Year Period
Context Variable Name
Value Required
Single-valued
ACC_CODE Yes Yes
COMP_CODE Yes No
DEPT_CODE No Yes
FISCAL_PERIOD No No
FISCAL_QUARTER No No
FISCAL_YEAR Yes Yes
OK
When a context variable is "Value Required", it is recommended that any dashboard filters representing the context variable should be labelled as required or mandatory.

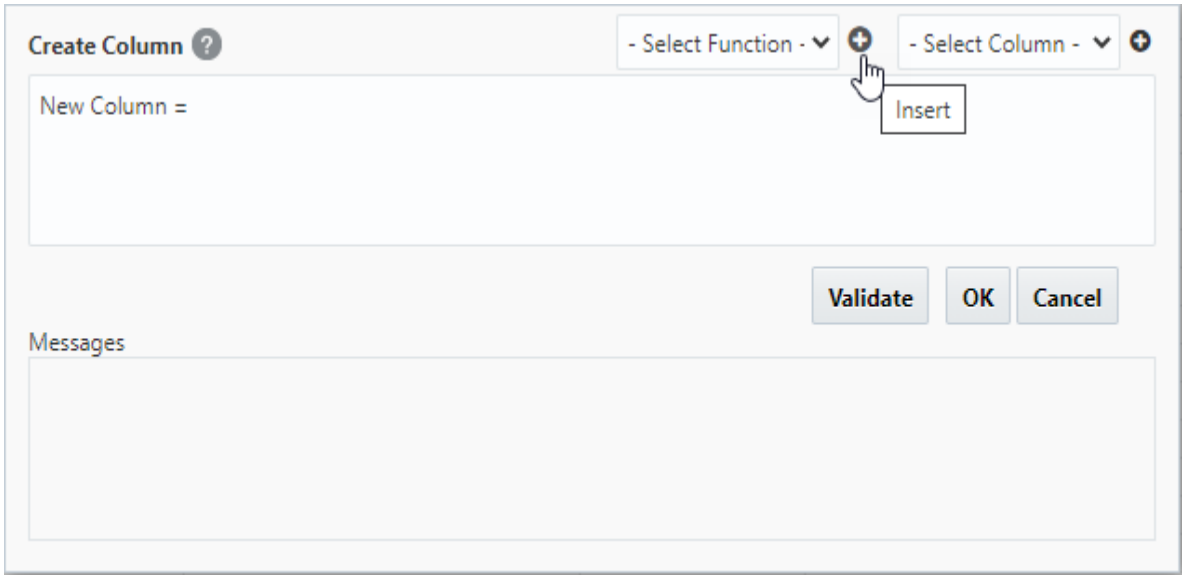

Dashboard Builder
File Dashboard Preferences Utilities Reading View
CMiC
DASHBOARD FILTERS
Visualizations
Fields
AP Vendors
Postal Code
Search and Select Postal Code
Search
[Blank]
02108
02116
03062
05765
06183
06510
07928
10001
10002
10003
10005
10006
1011 PN
1018
*Hold the Ctrl or Shift key to select multiple rows
OK
Cancel
Filter By
Postal Code
Description
Drag data fields here
Support filter by [Blank] or NULL

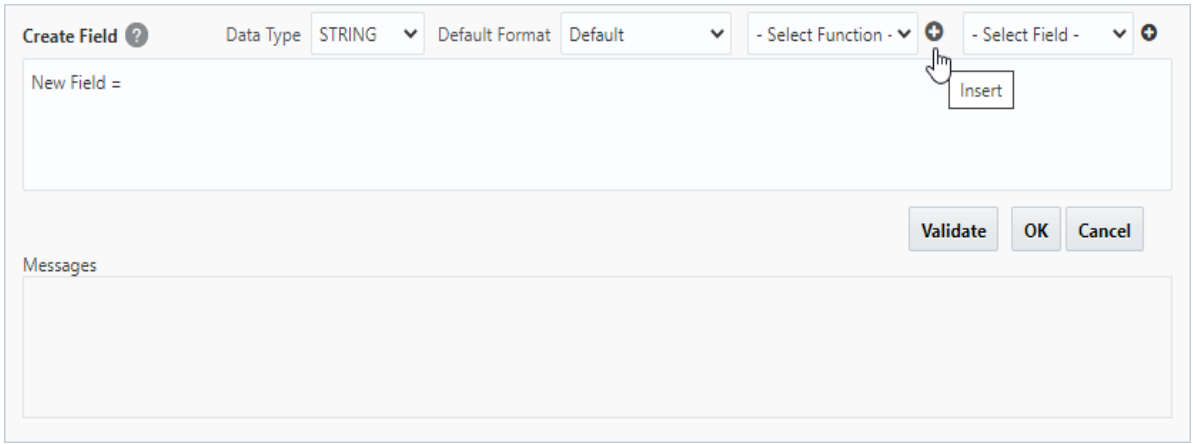
BI Dashboard – Correction of Calculated Visualization Dropdown Lists (19.69431-687)

Defects resolved:

- In the calculated column and calculated visualization field popups, the insert dropdown lists did not work in certain browser versions.

Resolution: Use the dropdown lists for selection only. A button is added to each list to explicitly insert the selected value.





BI Dashboard – Table Visualization; Deep Linking for Filters (19.69431-689)

Changes:

- Table visual: When a column's label is used in a calculated column expression, its label is not allowed to change.

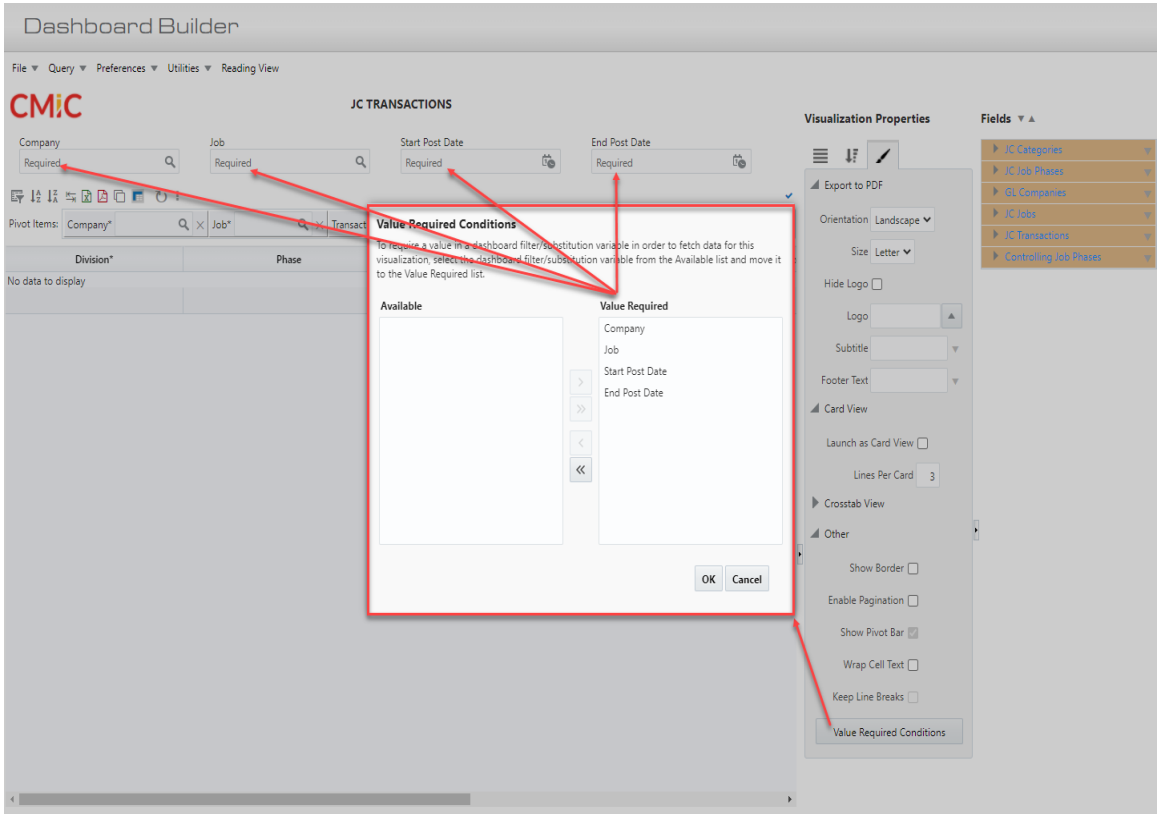
- Add deep linking feature for dashboard filters that use the description plotting field (ex: GL Transaction Drilldown query).

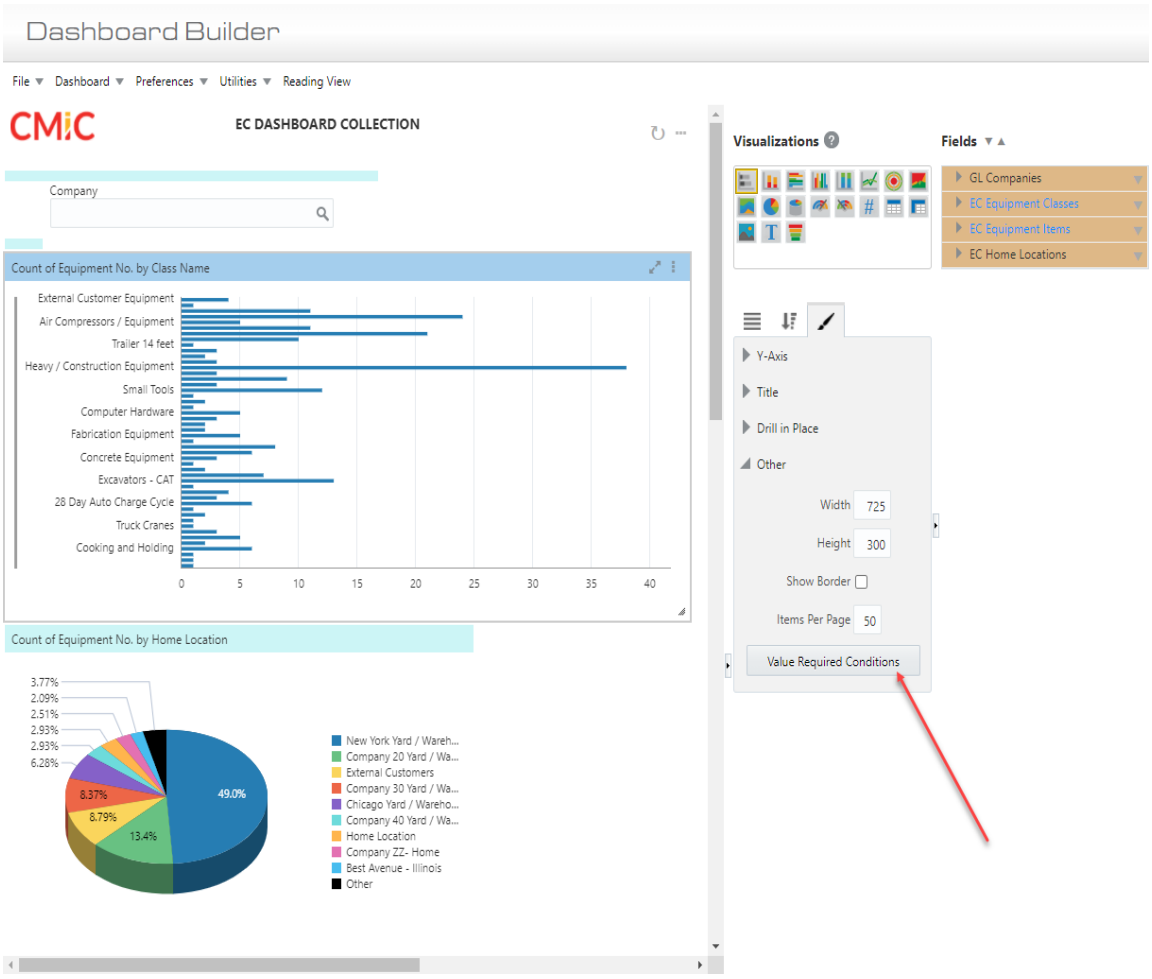
BI Dashboard – Visualizations Require Value (19.69431-692, 693)

Enhancements:

- Allow visualizations to require a value in a dashboard filter/substitution variable in order to fetch data. When a value required dashboard filter/substitution variable is empty, the dependent visualization data is cleared.

*This feature is necessary for visualizations that cannot run without being filtered because the dataset is too large.





BI Dashboard – Crosstab Enhancements; Defects Resolved (19.69431-695,696)

Defects Resolved

- An error occurs when a visualization requires a value in an incomplete dashboard filter/substitution variable.

For examples:

-- When a dashboard filter does not have a Filter By field.

-- When a substitution variable does not have an Identifier.

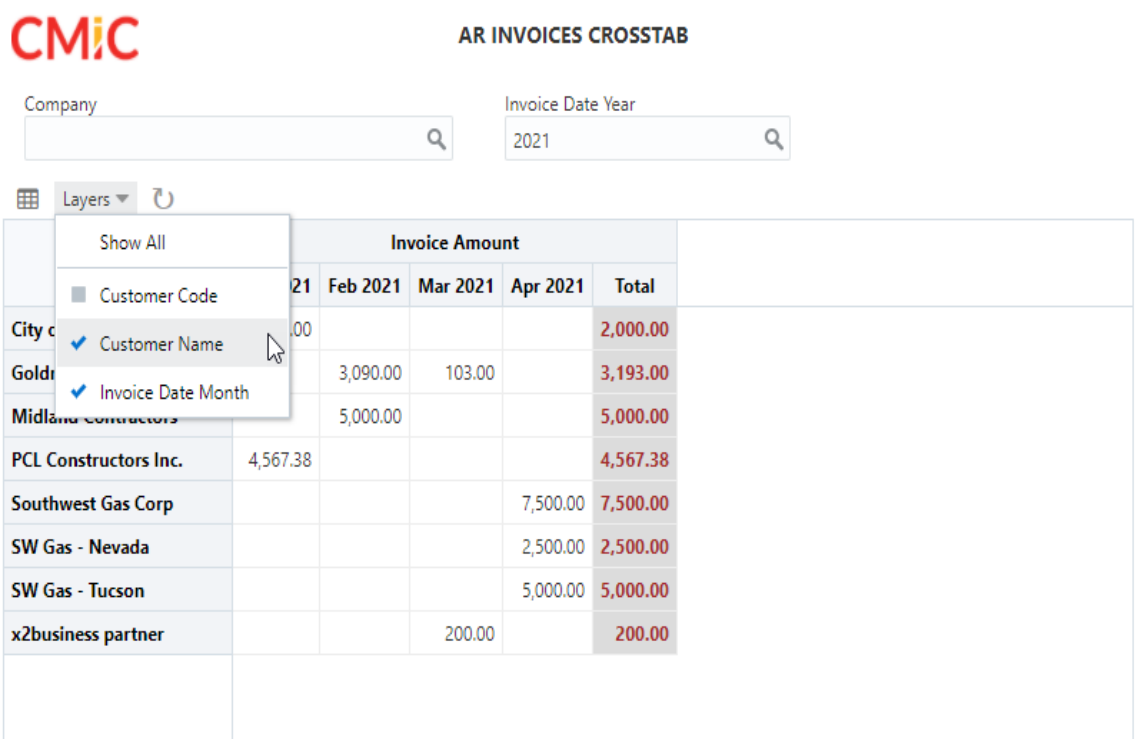
- Table Visual: Excel export and PDF export does not respect the “Value Required Conditions”.

Crosstab Enhancements

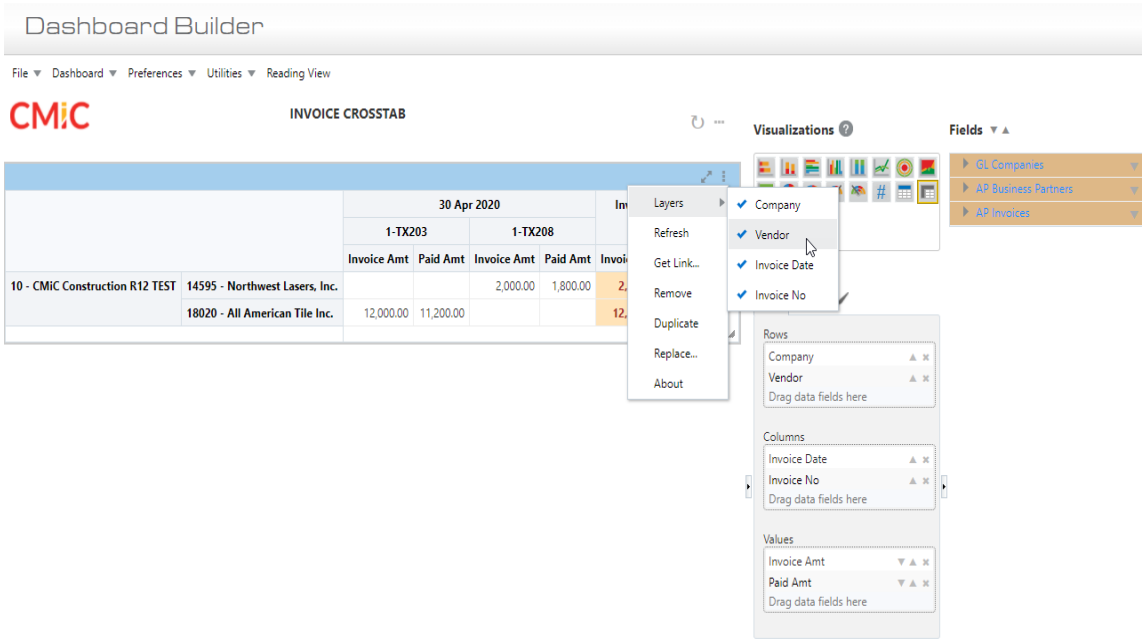
- Add layer selection.

- Add the split view functionality. In a split view, the crosstab is split into multiple panes vertically and/or horizontally, facilitating a side-by-side viewing of rows or columns not located next to each in the crosstab.

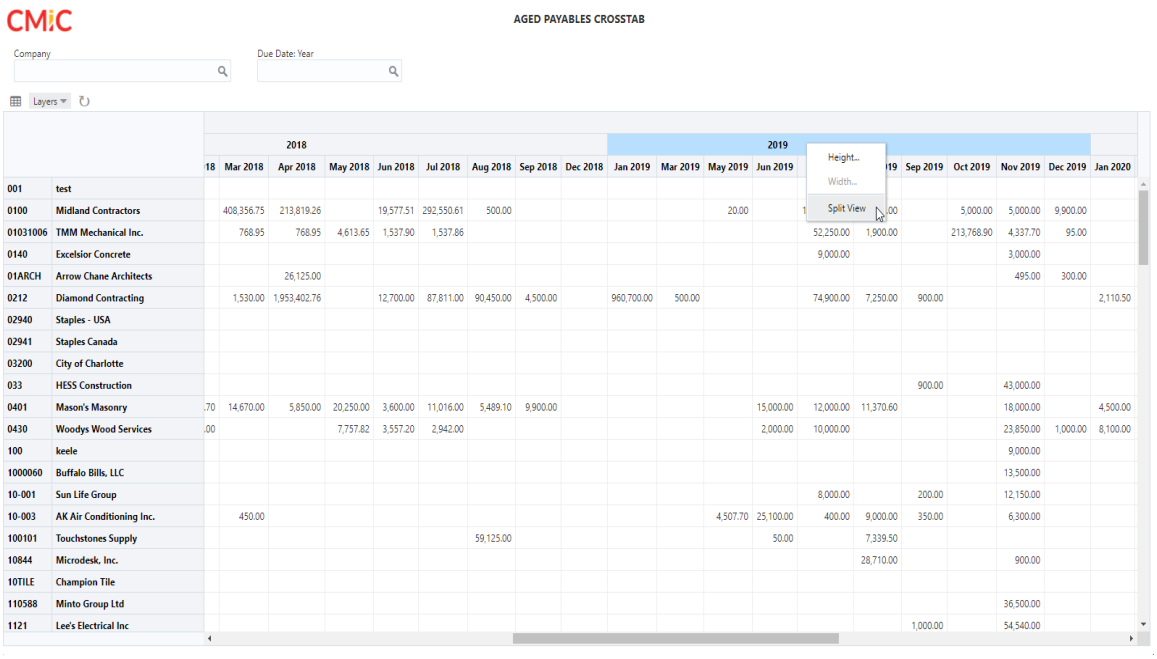
Crosstab View Layer Selection



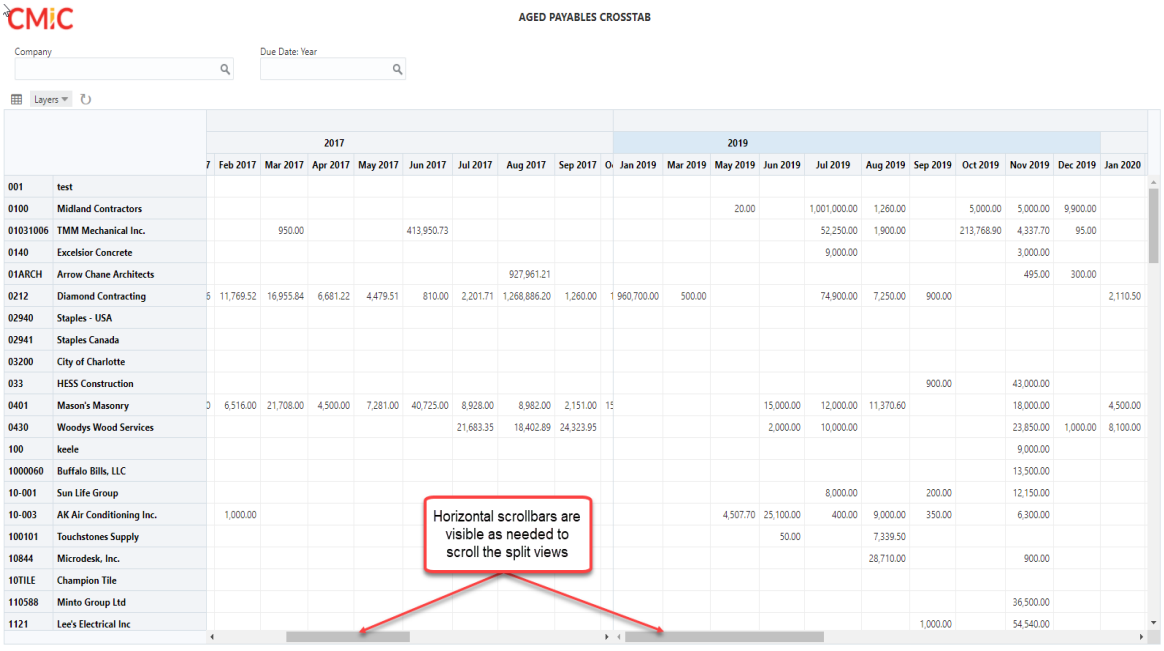
Crosstab Visualization Layer Selection



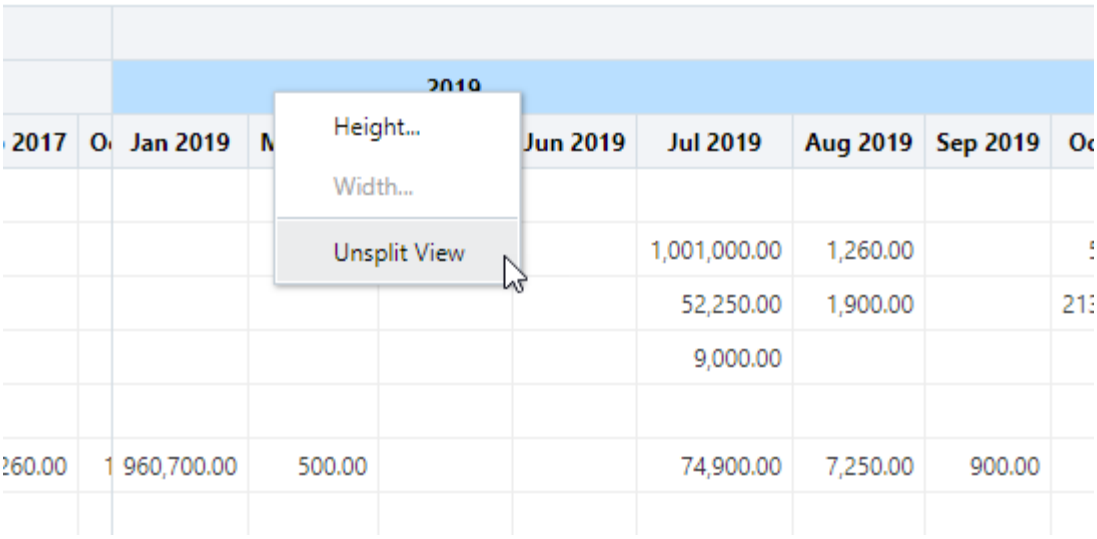
Column Only Split View of Crosstab Data



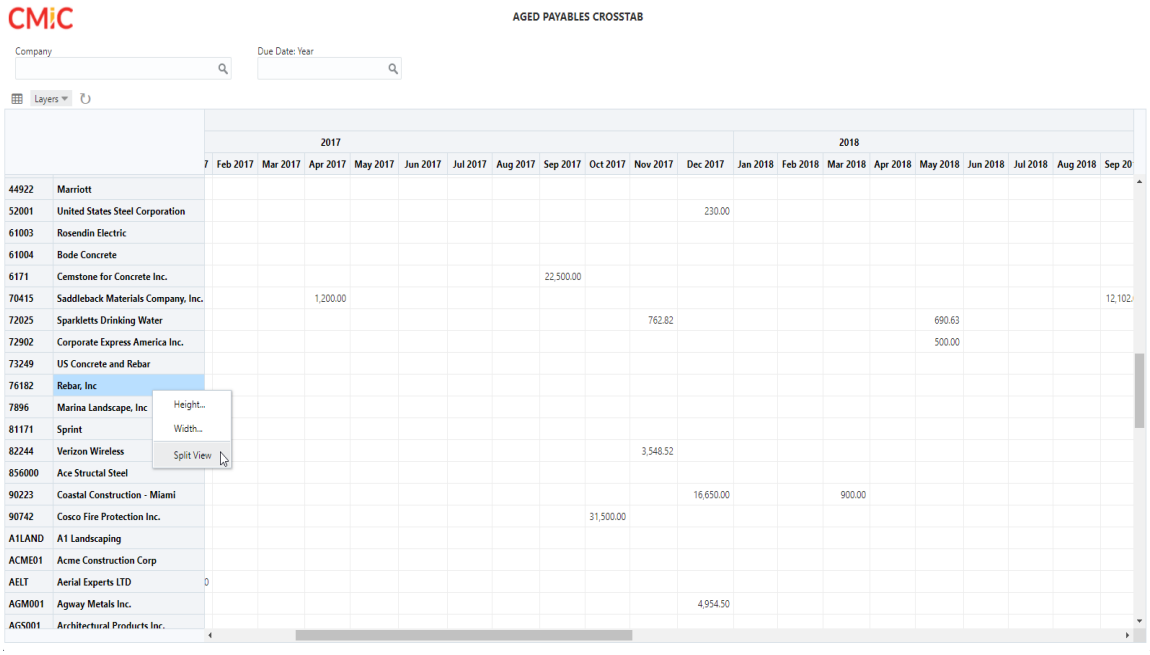
		2018									2019										
		18	Mar 2018	Apr 2018	May 2018	Jun 2018	Jul 2018	Aug 2018	Sep 2018	Dec 2018	Jan 2019	Mar 2019	May 2019	Jun 2019	19	Sep 2019	Oct 2019	Nov 2019	Dec 2019	Jan 2020
001	test																				
0100	Midland Contractors		408,356.75	213,819.26		19,577.51	292,550.61	500.00					20.00		1	00		5,000.00	5,000.00	9,900.00	
01031006	TMM Mechanical Inc.		768.95	768.95	4,613.65	1,537.90	1,537.86								52,250.00	1,900.00		213,768.90	4,337.70	95.00	
0140	Excelsior Concrete														9,000.00				3,000.00		
01ARCH	Arrow Chane Architects			26,125.00															495.00	300.00	
0212	Diamond Contracting		1,530.00	1,953,402.76		12,700.00	87,811.00	90,450.00	4,500.00		960,700.00	500.00			74,900.00	7,250.00	900.00				2,110.50
02940	Staples - USA																				
02941	Staples Canada																				
03200	City of Charlotte																				
033	HESS Construction																900.00		43,000.00		
0401	Mason's Masonry	70	14,670.00	5,850.00	20,250.00	3,600.00	11,016.00	5,489.10	9,900.00					15,000.00	12,000.00	11,370.60			18,000.00		4,500.00
0430	Woodys Wood Services	00			7,757.82	3,557.20	2,942.00							2,000.00	10,000.00				23,850.00	1,000.00	8,100.00
100	keele																		9,000.00		
1000060	Buffalo Bills, LLC																		13,500.00		
10-001	Sun Life Group														8,000.00		200.00		12,150.00		
10-003	AK Air Conditioning Inc.		450.00										4,507.70	25,100.00	400.00	9,000.00	350.00		6,300.00		
100101	Touchstones Supply							59,125.00						50.00		7,339.50					
10844	Microdesk, Inc.															28,710.00			900.00		
10TILE	Champion Tile																				
110588	Minto Group Ltd																		36,500.00		
1121	Lee's Electrical Inc																1,000.00		54,540.00		

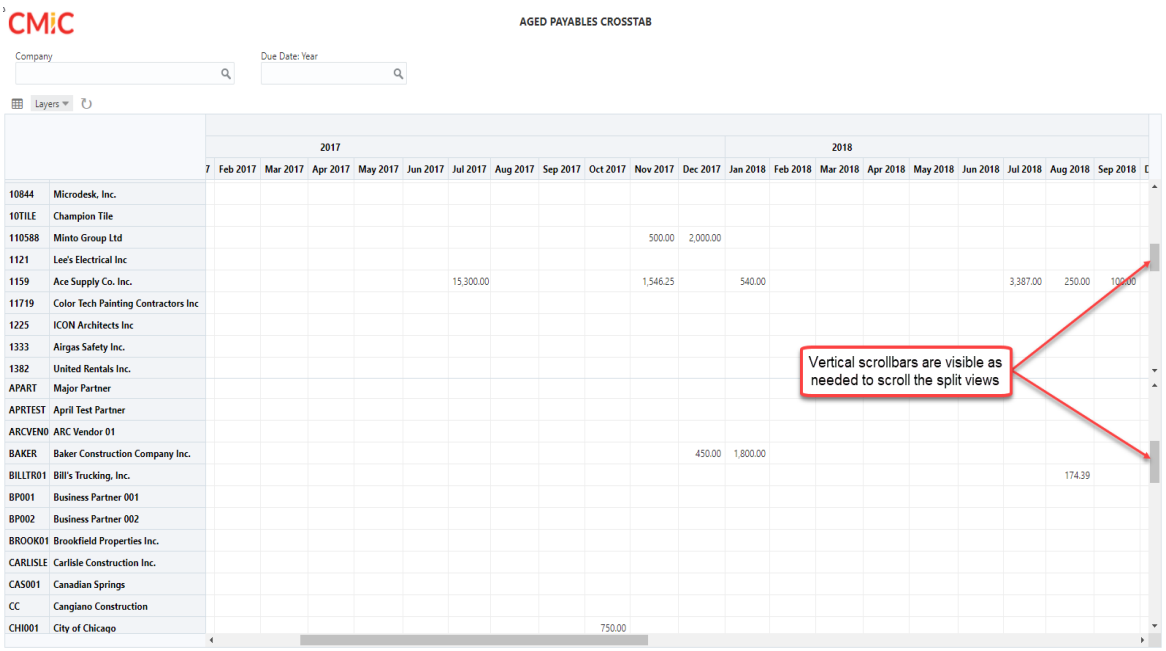


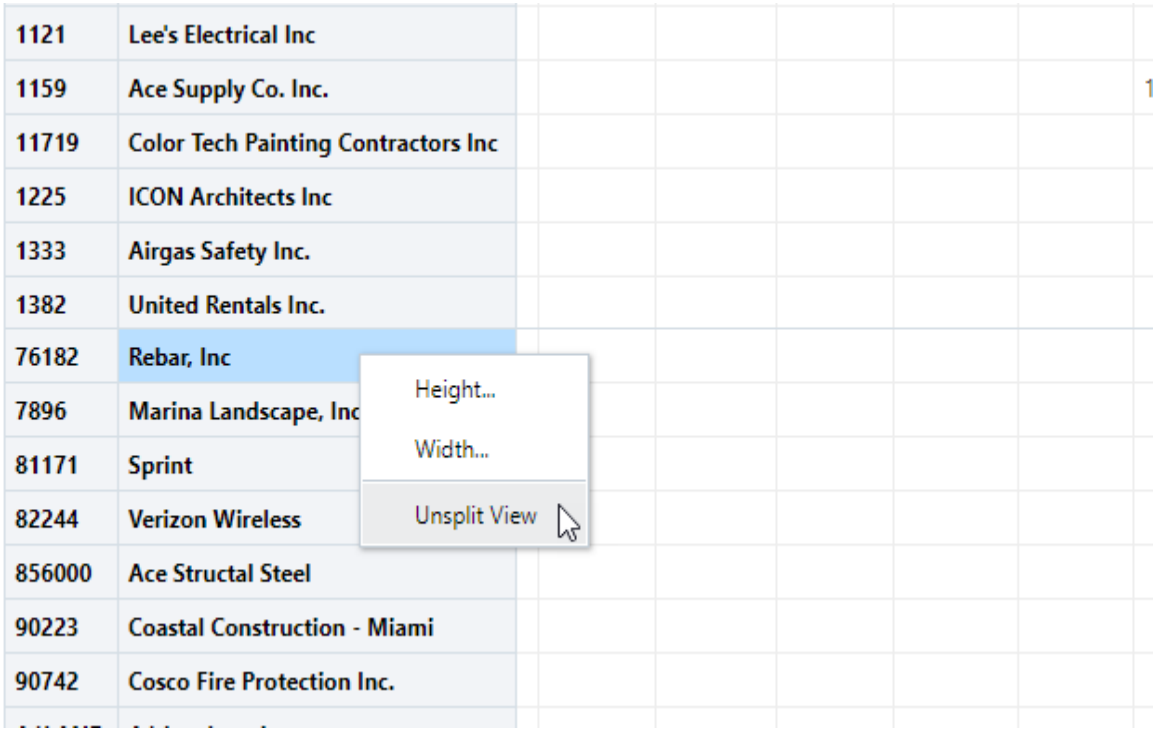
		2017									2019									
		7	Feb 2017	Mar 2017	Apr 2017	May 2017	Jun 2017	Jul 2017	Aug 2017	Sep 2017	Jan 2019	Mar 2019	May 2019	Jun 2019	Jul 2019	Aug 2019	Sep 2019	Oct 2019	Nov 2019	Dec 2019	Jan 2020
001	test																				
0100	Midland Contractors												20.00		1,001,000.00	1,260.00		5,000.00	5,000.00	9,900.00	
01031006	TMM Mechanical Inc.			950.00			413,950.73								52,250.00	1,900.00		213,768.90	4,337.70	95.00	
0140	Excelsior Concrete														9,000.00				3,000.00		
01ARCH	Arrow Chane Architects								927,961.21										495.00	300.00	
0212	Diamond Contracting	5	11,769.52	16,955.84	6,681.22	4,479.51	810.00	2,201.71	1,268,886.20	1,260.00	1 960,700.00	500.00			74,900.00	7,250.00	900.00				2,110.50
02940	Staples - USA																				
02941	Staples Canada																				
03200	City of Charlotte																				
033	HESS Construction																900.00		43,000.00		
0401	Mason's Masonry	0	6,516.00	21,708.00	4,500.00	7,281.00	40,725.00	8,928.00	8,982.00	2,151.00	15			15,000.00	12,000.00	11,370.60			18,000.00		4,500.00
0430	Woodys Wood Services							21,683.35	18,402.89	24,323.95				2,000.00	10,000.00				23,850.00	1,000.00	8,100.00
100	keele																		9,000.00		
1000060	Buffalo Bills, LLC																		13,500.00		
10-001	Sun Life Group														8,000.00		200.00		12,150.00		
10-003	AK Air Conditioning Inc.		1,000.00										4,507.70	25,100.00	400.00	9,000.00	350.00		6,300.00		
100101	Touchstones Supply													50.00		7,339.50					
10844	Microdesk, Inc.															28,710.00			900.00		
10TILE	Champion Tile																				
110588	Minto Group Ltd																		36,500.00		
1121	Lee's Electrical Inc																1,000.00		54,540.00		



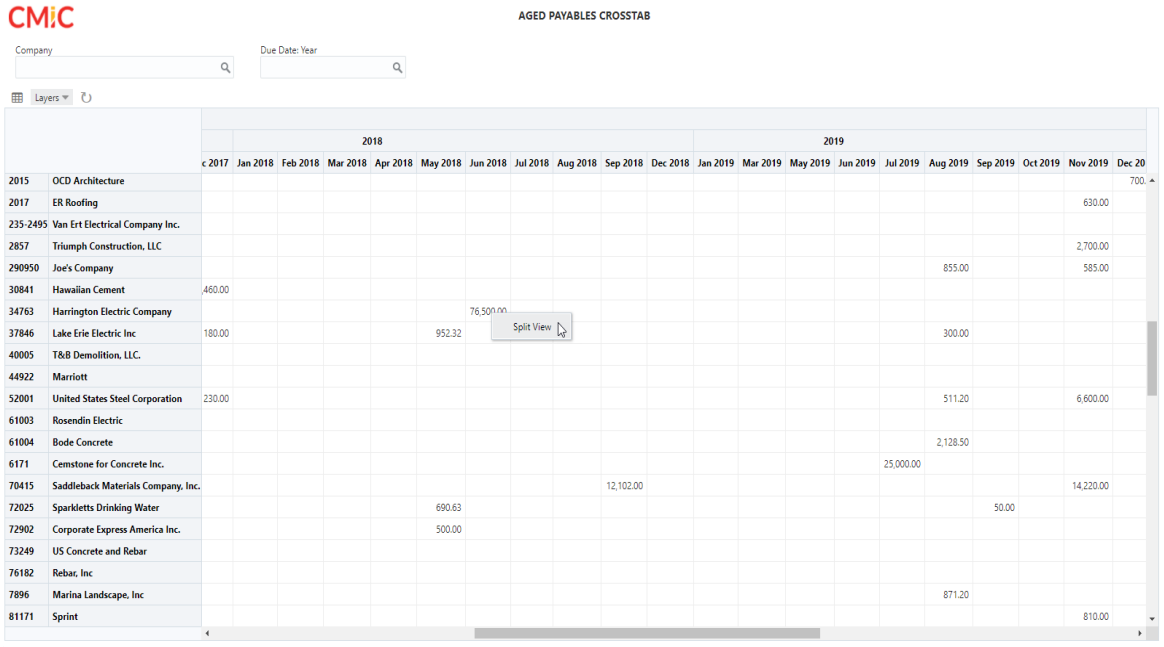
Row Only Split View of Crosstab Data

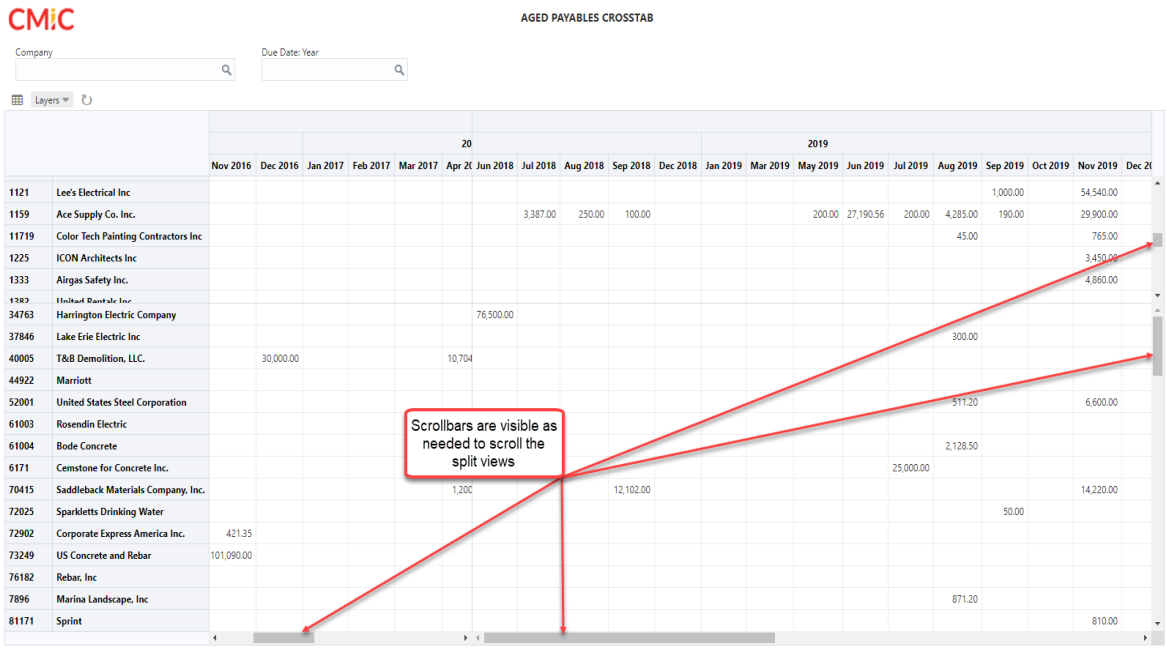


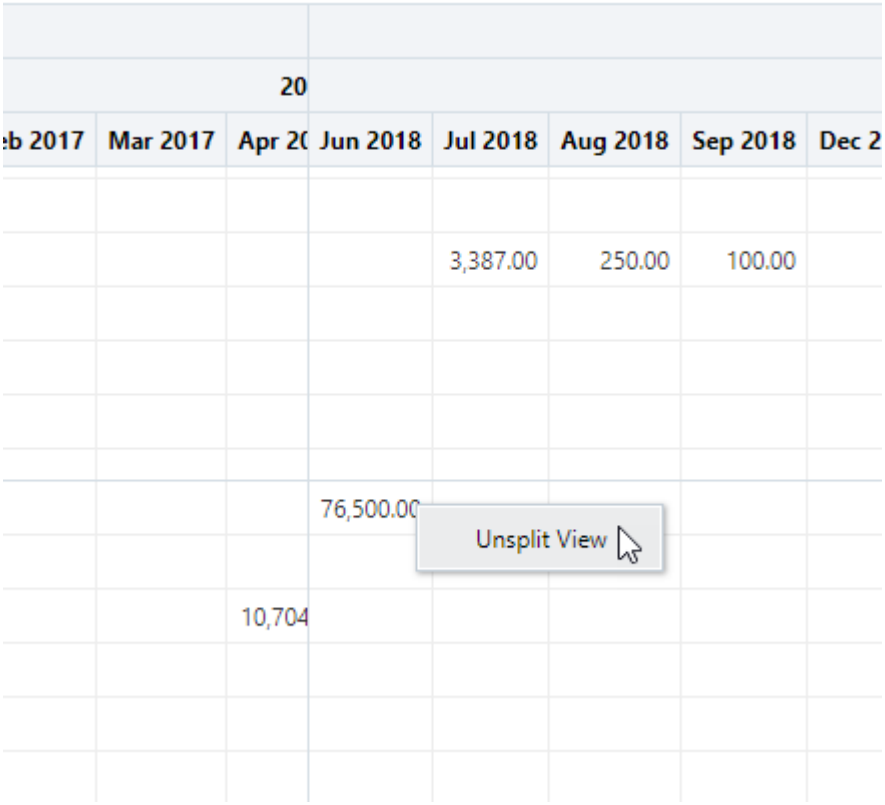

CMiC
AGED PAYABLES CROSSTAB
Company
Due Date: Year
Layers
2017
2018
Feb 2017 Mar 2017 Apr 2017 May 2017 Jun 2017 Jul 2017 Aug 2017 Sep 2017 Oct 2017 Nov 2017 Dec 2017 Jan 2018 Feb 2018 Mar 2018 Apr 2018 May 2018 Jun 2018 Jul 2018 Aug 2018 Sep 2018
10844 Microdesk, Inc.
10TILE Champion Tile
110588 Minto Group Ltd 500.00 2,000.00
1121 Lee's Electrical Inc
1159 Ace Supply Co. Inc. 15,300.00 1,546.25 540.00 3,387.00 250.00 100.00
11719 Color Tech Painting Contractors Inc
1225 ICON Architects Inc
1333 Airgas Safety Inc.
1382 United Rentals Inc.
APART Major Partner
APRTEST April Test Partner
ARCVEN0 ARC Vendor 01
BAKER Baker Construction Company Inc. 450.00 1,800.00
BILLTR01 Bill's Trucking, Inc. 174.39
BP001 Business Partner 001
BP002 Business Partner 002
BROOK01 Brookfield Properties Inc.
CARLISLE Carlisle Construction Inc.
CAS001 Canadian Springs
CC Cangiano Construction
CHI001 City of Chicago 750.00
Vertical scrollbars are visible as needed to scroll the split views


1121 Lee's Electrical Inc
1159 Ace Supply Co. Inc.
11719 Color Tech Painting Contractors Inc
1225 ICON Architects Inc
1333 Airgas Safety Inc.
1382 United Rentals Inc.
76182 Rebar, Inc
7896 Marina Landscape, Inc
81171 Sprint
82244 Verizon Wireless
856000 Ace Structal Steel
90223 Coastal Construction - Miami
90742 Cosco Fire Protection Inc.
Height...
Width...
Unsplit View

Column and Row Split View of Crosstab Data

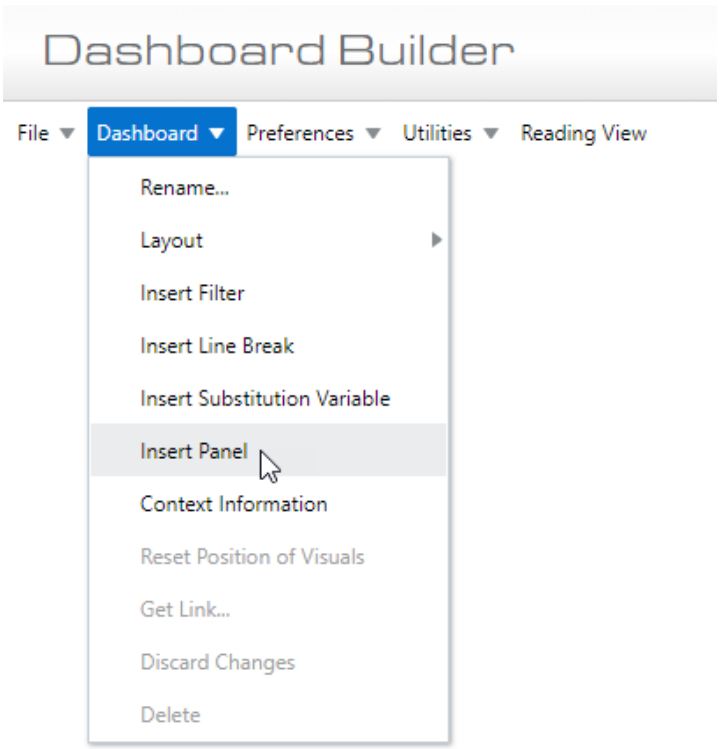


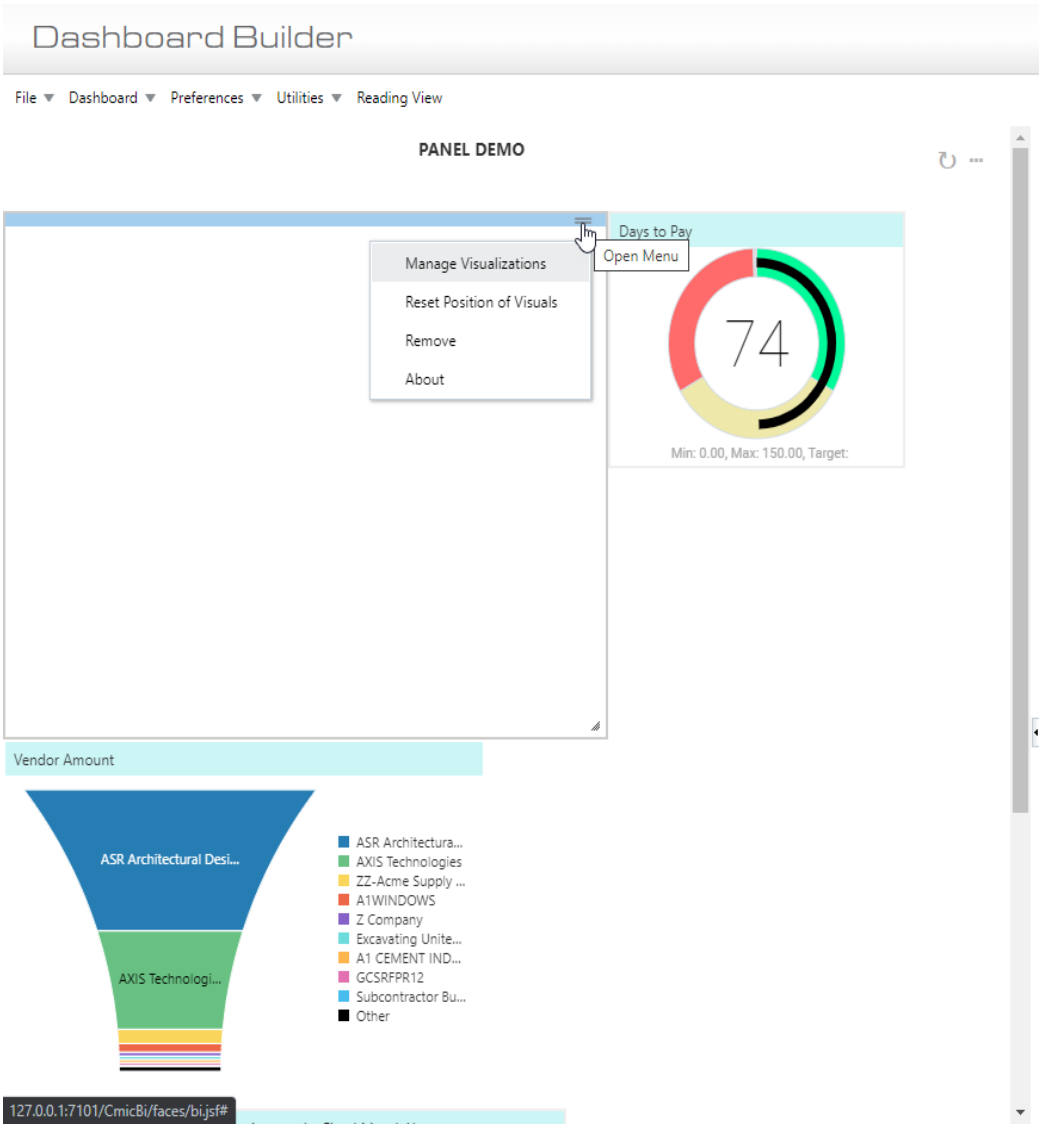


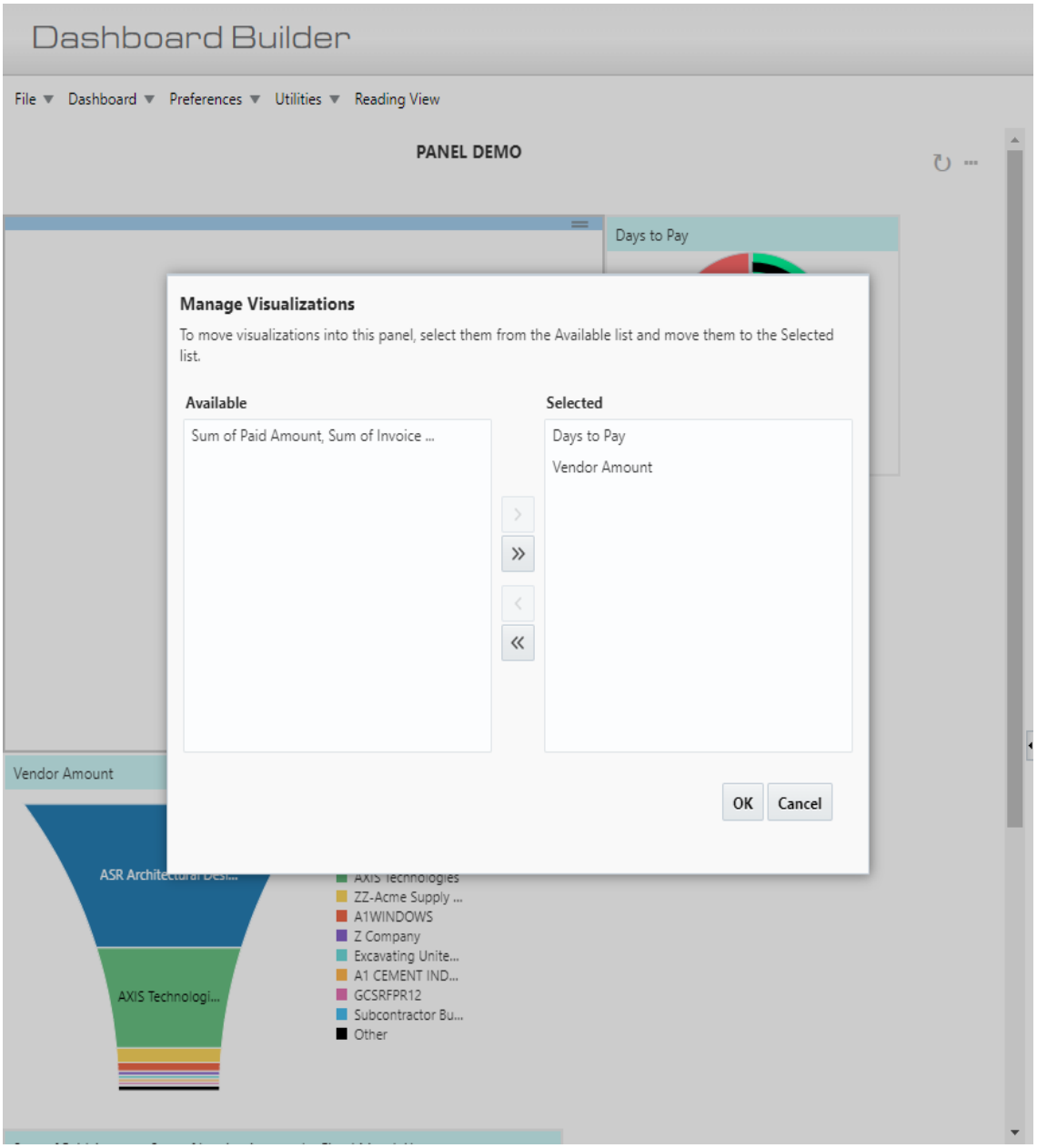


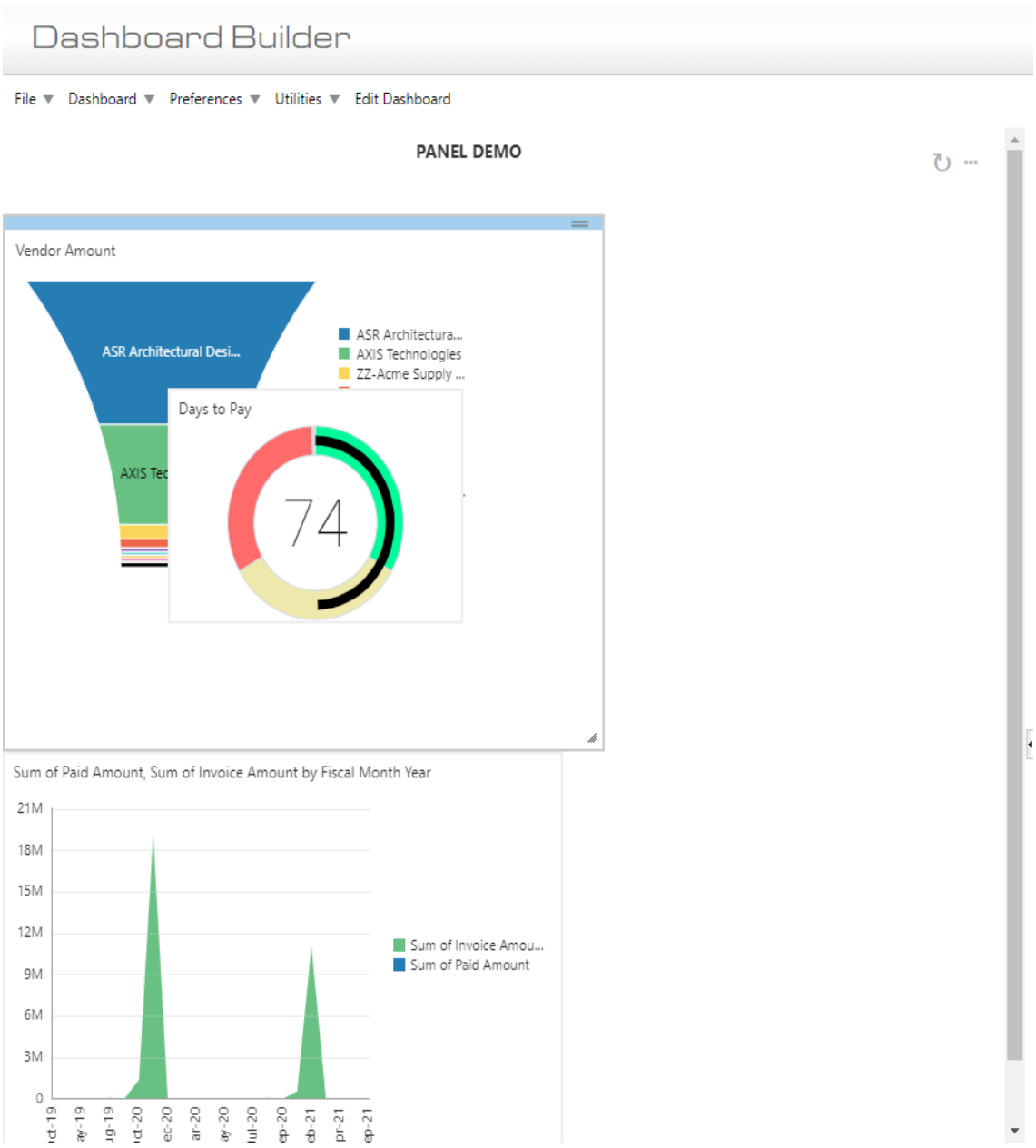
BI Dashboard – Panel Visualization (19.69431-698,699,700)

- Added the panel visualization. A panel is a container in which to arrange and group visualizations in a flow layout dashboard. The visualizations inside a panel are arranged in fixed layout.


Dashboard Builder
File
Dashboard
Preferences
Utilities
Reading View
Rename...
Layout
Insert Filter
Insert Line Break
Insert Substitution Variable
Insert Panel
Context Information
Reset Position of Visuals
Get Link...
Discard Changes
Delete


Dashboard Builder
File
Dashboard
Preferences
Utilities
Reading View
PANEL DEMO
Manage Visualizations
Reset Position of Visuals
Remove
About
Open Menu
Days to Pay
74
Min: 0.00, Max: 150.00, Target:
Vendor Amount
ASR Architectural Desi...
AXIS Technologi...
ASR Architectura...
AXIS Technologies
ZZ-Acme Supply ...
A1WINDOWS
Z Company
Excavating Unite...
A1 CEMENT IND...
GCSRFPR12
Subcontractor Bu...
Other
127.0.0.1:7101/CmicBi/faces/bi.jsf#


Dashboard Builder
File
Dashboard
Preferences
Utilities
Reading View
PANEL DEMO
Days to Pay
Manage Visualizations
To move visualizations into this panel, select them from the Available list and move them to the Selected list.
Available
Sum of Paid Amount, Sum of Invoice ...
Selected
Days to Pay
Vendor Amount
OK
Cancel
Vendor Amount
ASR Architectural Desi...
AXIS Technologi...
AXIS Technologies
ZZ-Acme Supply ...
A1WINDOWS
Z Company
Excavating Unite...
A1 CEMENT IND...
GCSRFPR12
Subcontractor Bu...
Other

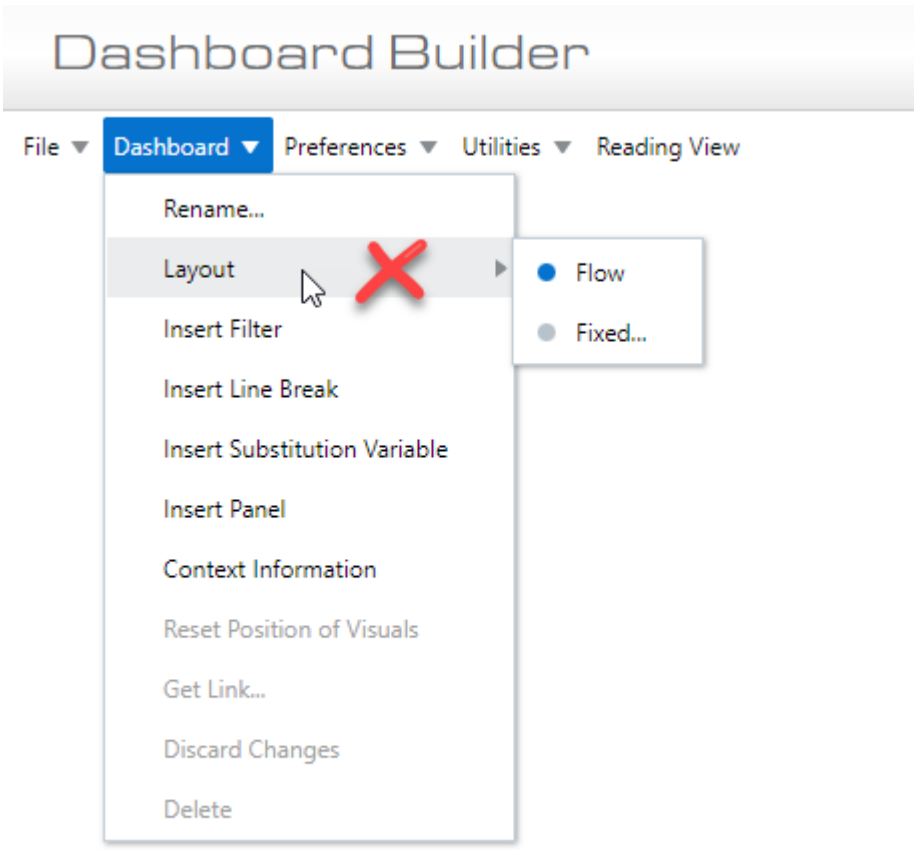


BI Dashboard – Updates to Fixed Layout; Defects Resolved (19.69431-703,704)

- Remove fixed layout. Visualizations in a dashboard are arranged in flow layout only. Fixed layout is only available inside a panel.

- Migrate all fixed layout dashboards to flow layout. This includes moving all visualizations to a panel. The positions of the visualizations are retained. The panel is given the same dimension as the dashboard.

- Defect resolved: When a visualization calculated field is used in a Text visual as a plotting field, disclosing the **Callout Value** properties section causes a dashboard error.

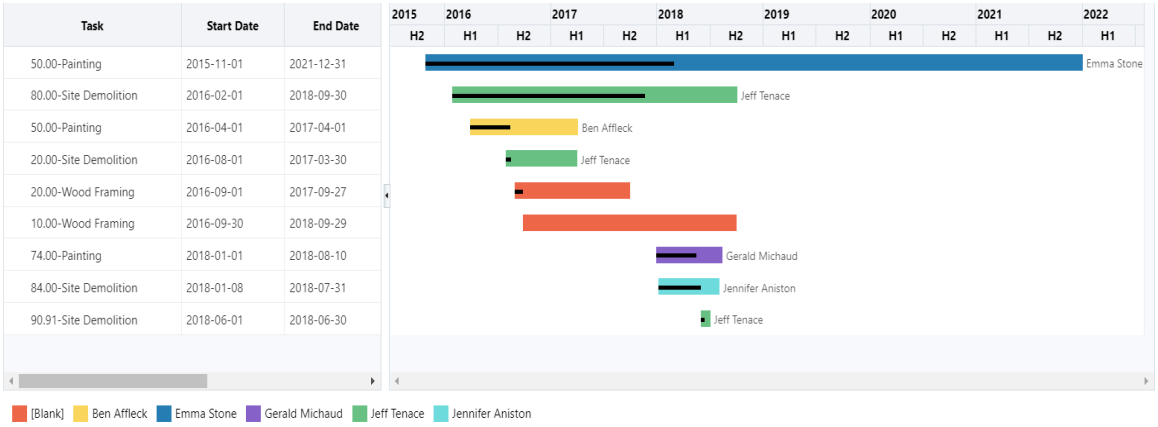


BI Dashboard – Gantt Chart Visualization etc. (21.42008-63, 64)

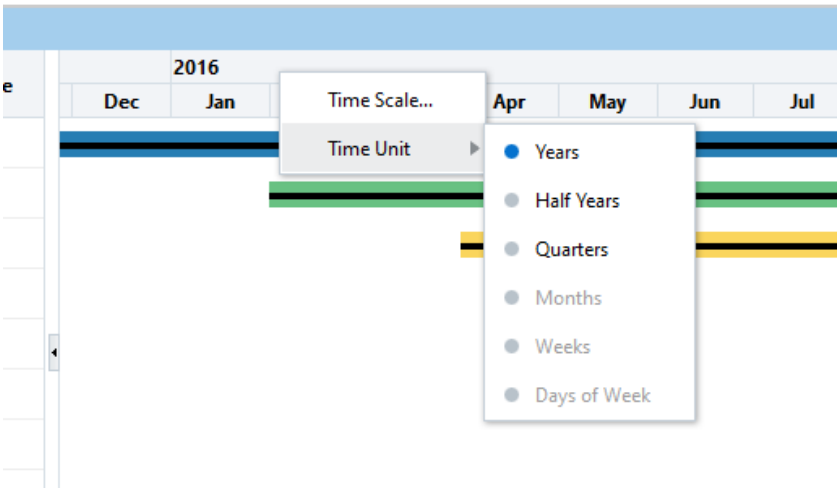
- Added the Gantt chart visualization (see screenshots below).
- Added support for export and import dashboards to the same data source in multi-tenant environments (CLOUD).

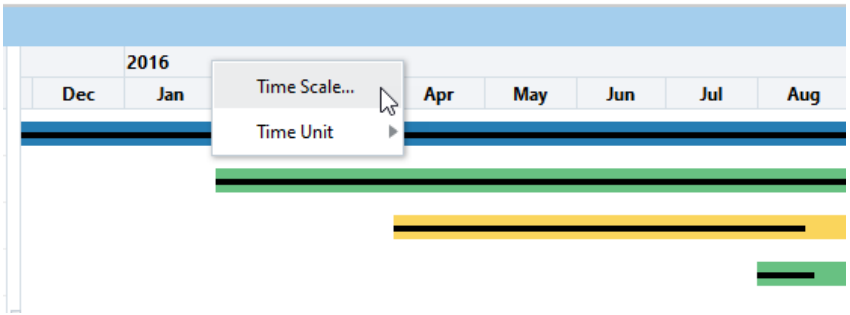
Defects resolved:

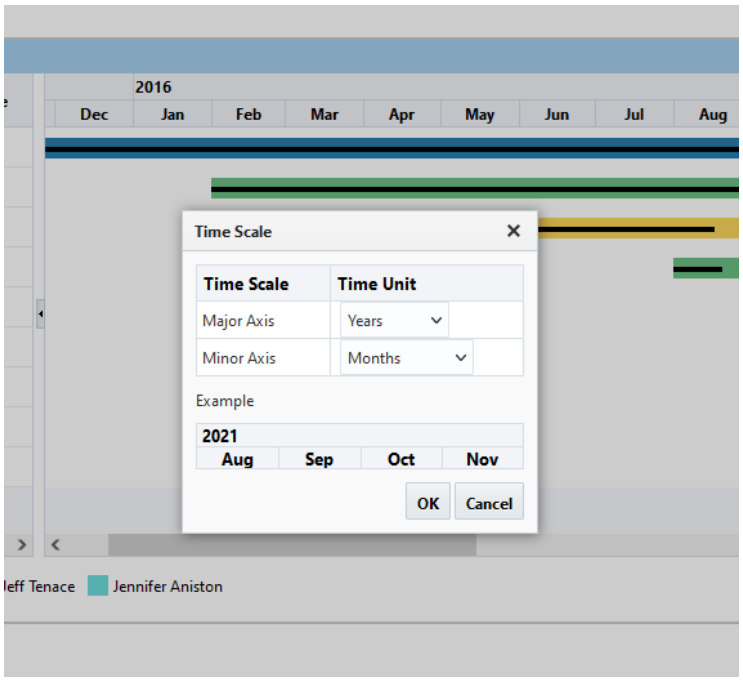
- Issue 21.46383: Unable to recover a visualization containing a folder that is no longer available in a data source.
- Unable to change the number format of the Values plotting fields in Crosstabs.

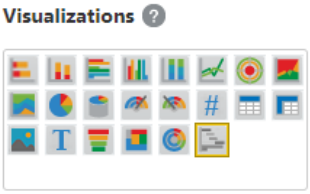


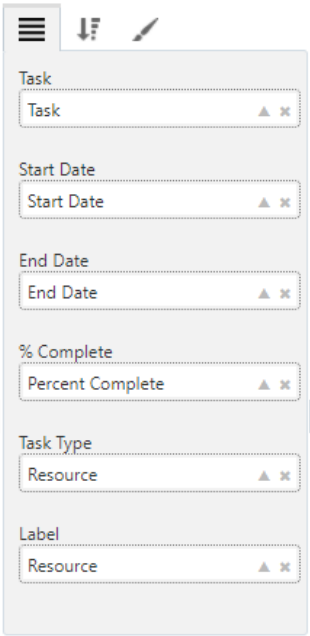
Right click on a header to show the **Time Scale** menu

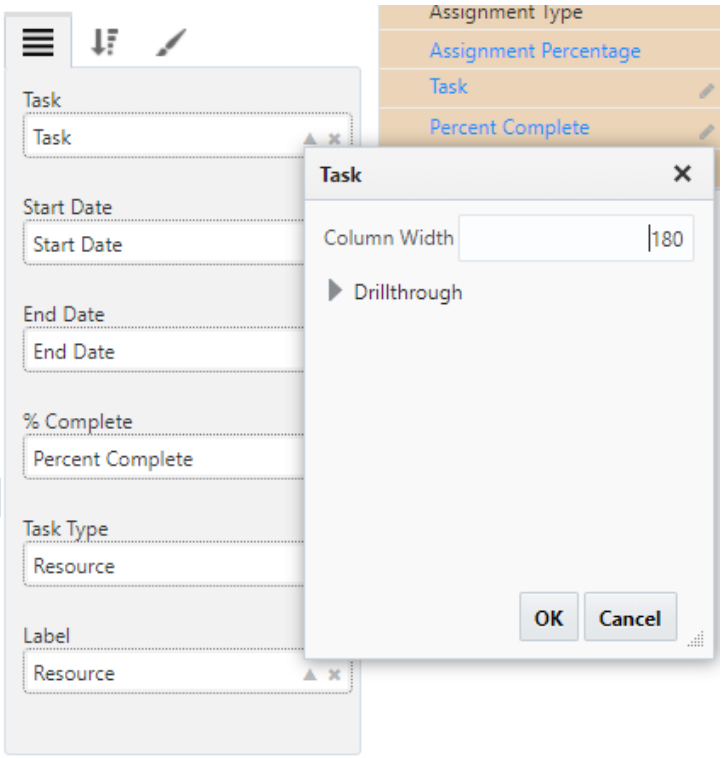


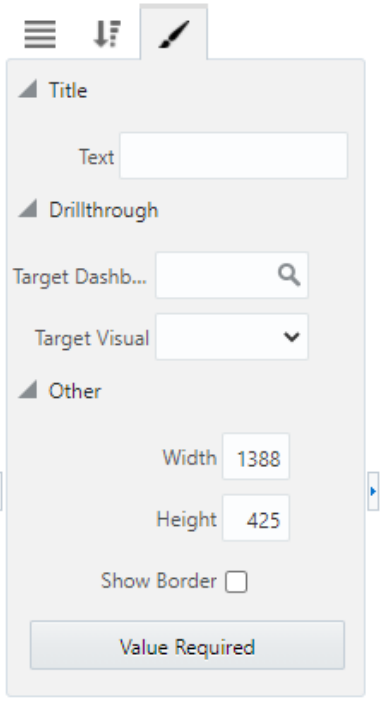



2016
Dec
Jan
Feb
Mar
Apr
May
Jun
Jul
Aug
Time Scale
Time Scale
Time Unit
Major Axis
Years
Minor Axis
Months
Example
2021
Aug
Sep
Oct
Nov
OK
Cancel
Jennifer Aniston


Visualizations


Task
Task
Start Date
Start Date
End Date
End Date
% Complete
Percent Complete
Task Type
Resource
Label
Resource


Assignment Type
Assignment Percentage
Task
Percent Complete
Task
Task
Start Date
Start Date
End Date
End Date
% Complete
Percent Complete
Task Type
Resource
Label
Resource
Task
Column Width
180
Drillthrough
OK
Cancel


Title
Text
Drillthrough
Target Dashb...
Target Visual
Other
Width
1388
Height
425
Show Border
Value Required

BI Dashboard – Treemap and Sunburst Visuals (21.42008-40, 41)

The following enhancements have been made:

- Renamed the "Drill in Place" feature to "Drillthrough". All “Drill in Place” labelling is changed to “Drillthrough” (screenshots further below).

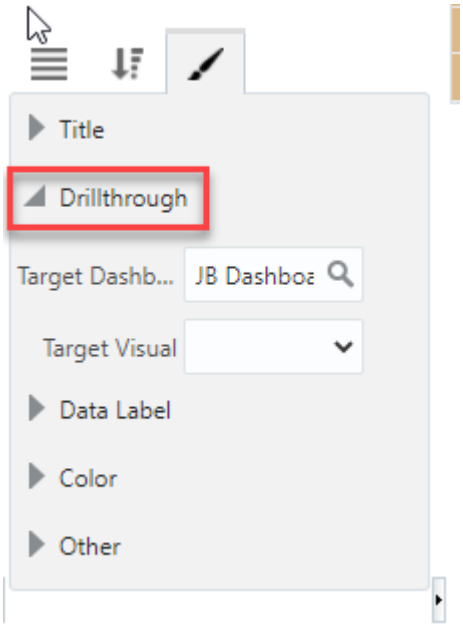
- Added the **Treemap** visual and the **Sunburst** visual (screenshots further below).
  - All standard features are supported. Ex: visual calculated fields, drillthrough, etc...
  - Support multiple Group plotting fields. When multiple plotting fields are dropped on the Group section, the multi-group controls are revealed for the following multi-group features:
    - Traversing through one group at a time
    - Expanding/collapsing one group at a time
    - Drill down and drill up the group plotting fields. The drillthrough feature is replaced with the drill-down feature when drill-down mode is turned on.

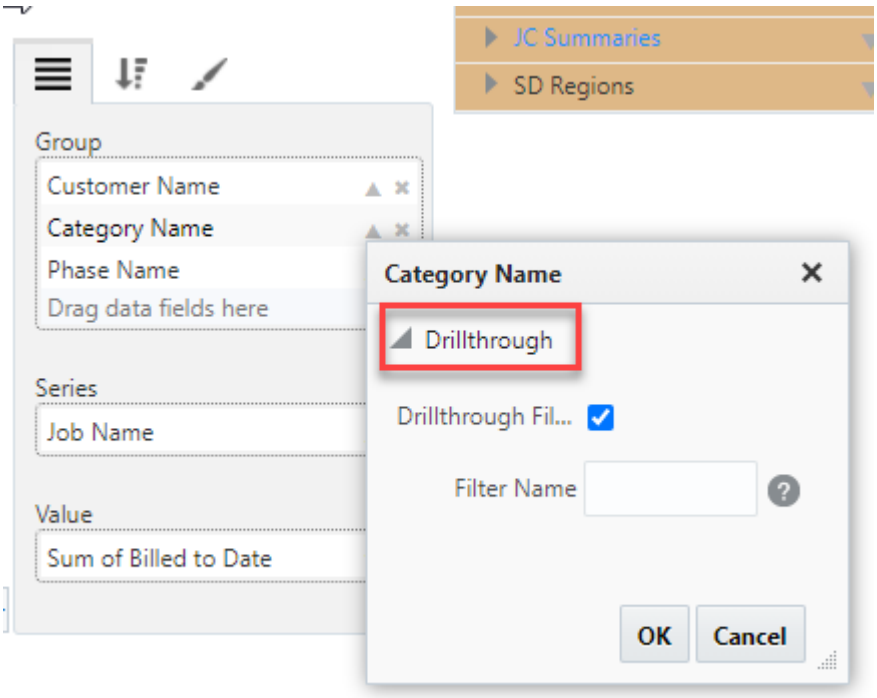
The following options are supported:

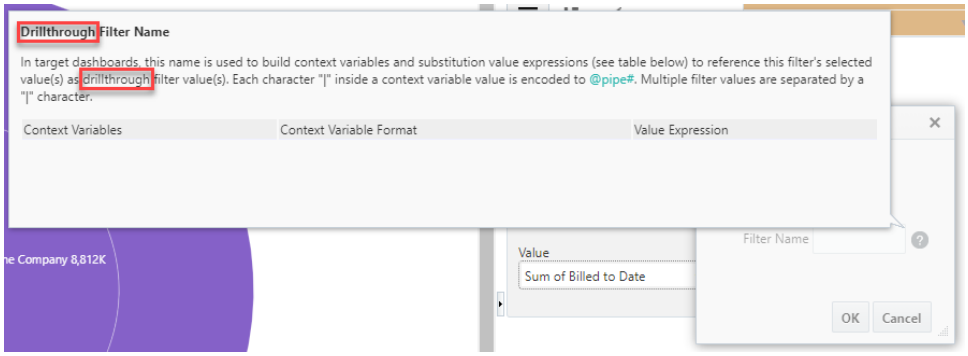
- Display the value next to the label. This includes number formatting with display unit. Ex: 100K, 20M.
- Display negative values by using the absolute value to determine size. For example, 7 and -7 are shown as the same size.
- Format data point background color by color scale. The format can be based on the value field (default) or another field. By default, the minimum and maximum values are the minimum and maximum values of the field that the color scale is based on. The values can be provided by the user.
  - Minimum color: The color given to the minimum value.
  - Maximum color: The color given to the maximum value.

  For values between the minimum value and the maximum value, the data points are given gradient background colors from the minimum color to the maximum color.
- Layout (treemap only)
- Group Gaps (treemap only)

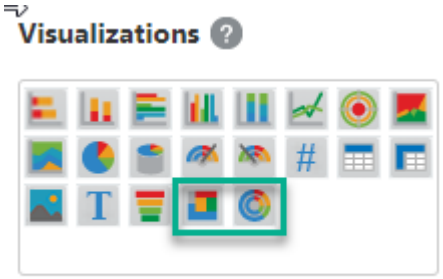
Drillthrough Screenshots

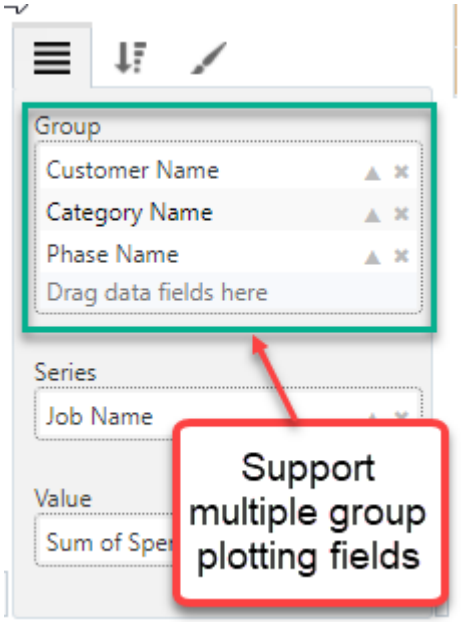


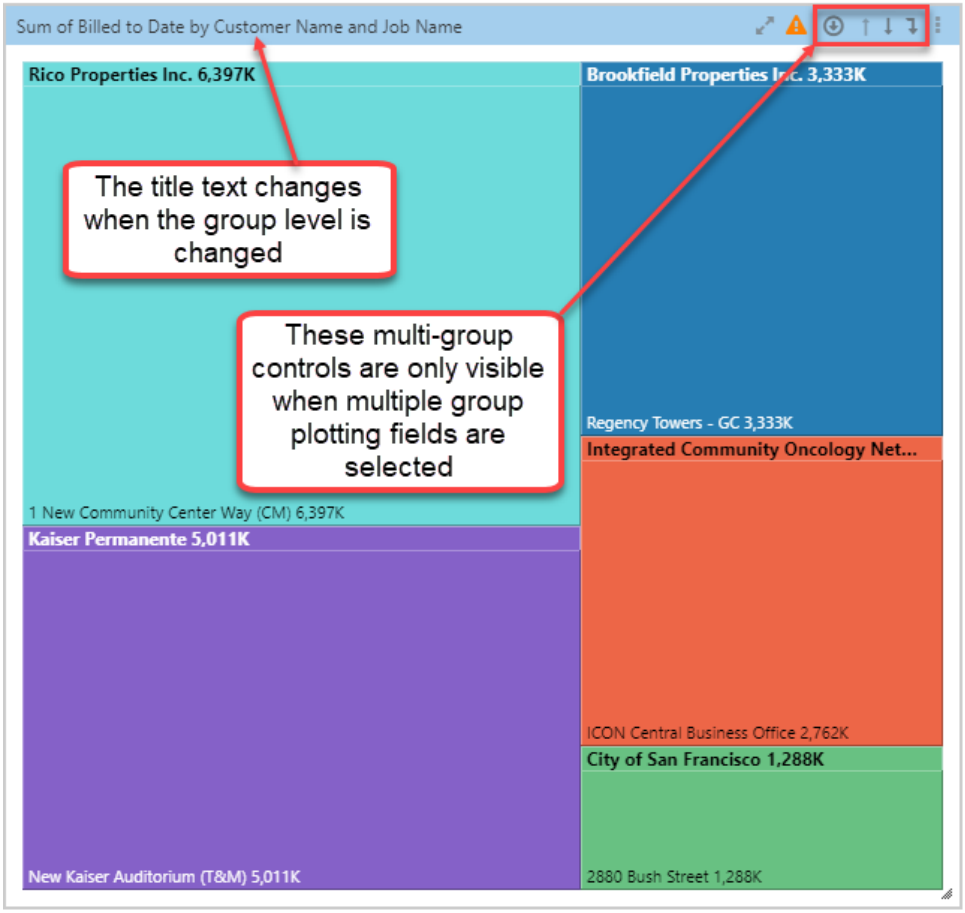


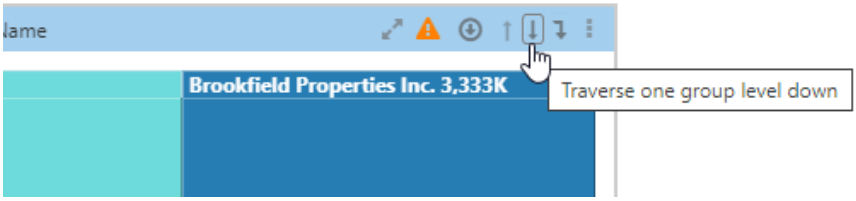


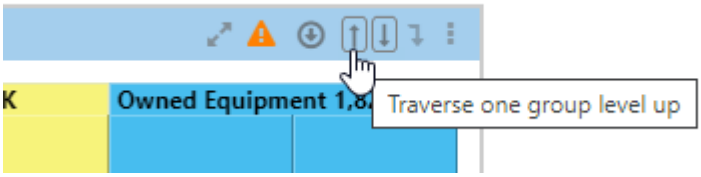
Treemap and Sunburst Screenshots

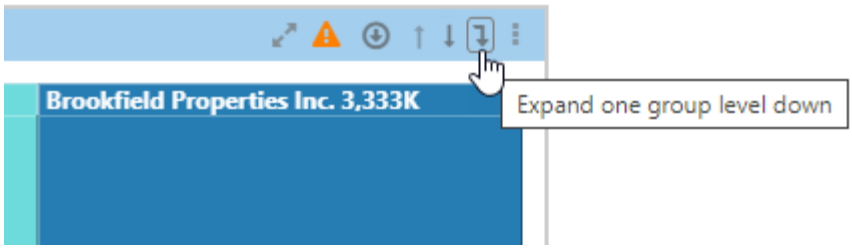


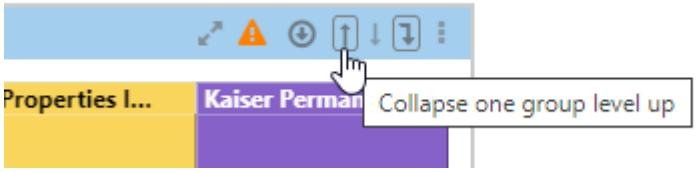


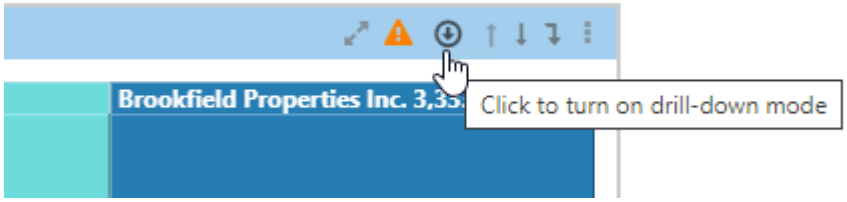

Sum of Billed to Date by Customer Name and Job Name
Rico Properties Inc. 6,397K
Brookfield Properties Inc. 3,333K
The title text changes when the group level is changed
These multi-group controls are only visible when multiple group plotting fields are selected
Regency Towers - GC 3,333K
Integrated Community Oncology Net...
1 New Community Center Way (CM) 6,397K
Kaiser Permanente 5,011K
ICON Central Business Office 2,762K
City of San Francisco 1,288K
New Kaiser Auditorium (T&M) 5,011K
2880 Bush Street 1,288K

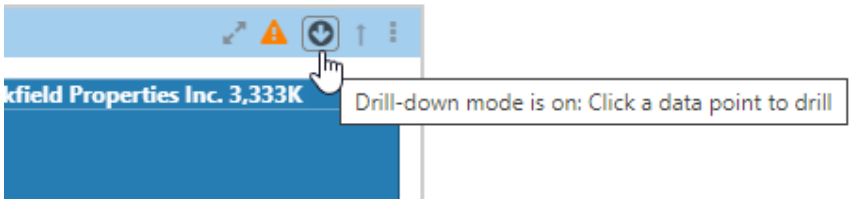

Brookfield Properties Inc. 3,333K
Traverse one group level down

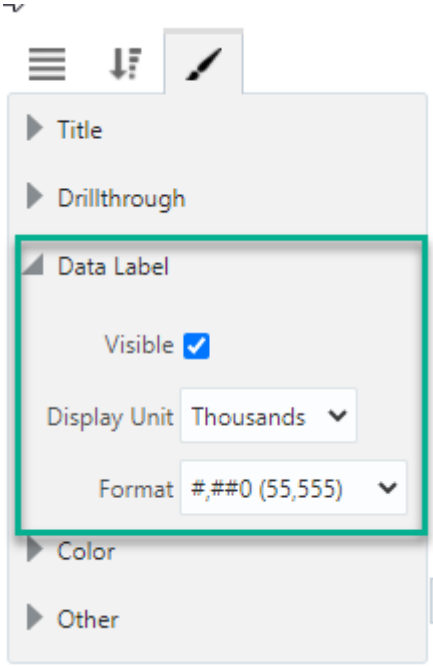

Owned Equipment
Traverse one group level up

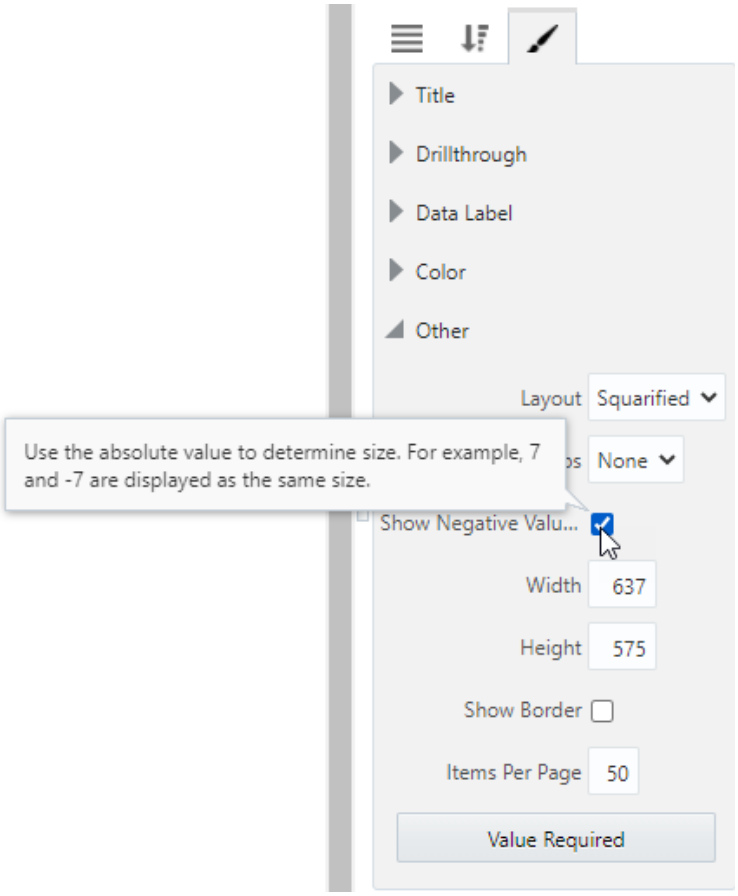

Brookfield Properties Inc. 3,333K
Expand one group level down

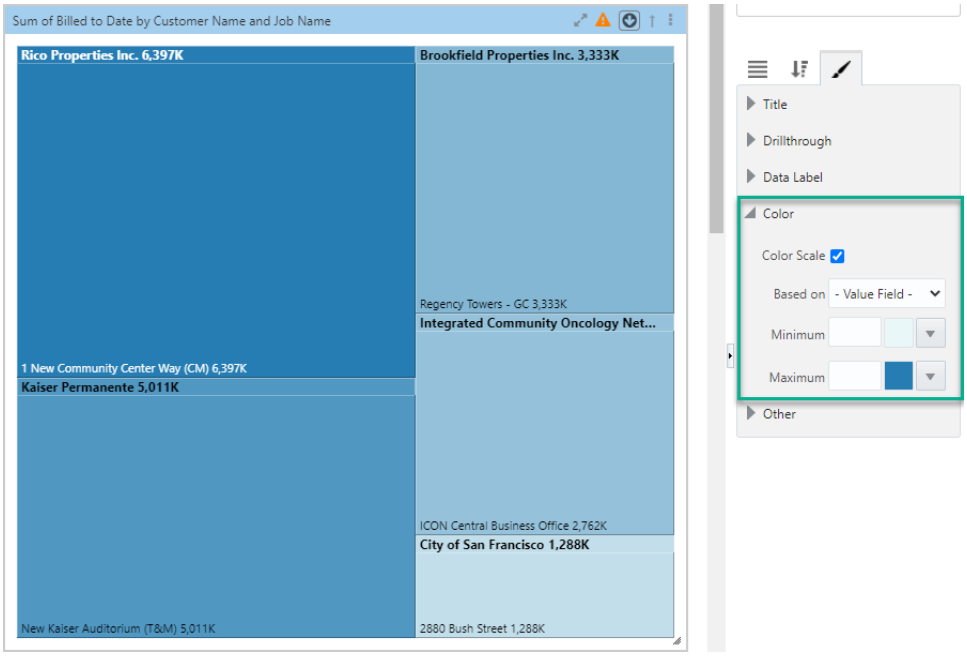

Properties I...
Kaiser Perman
Collapse one group level up

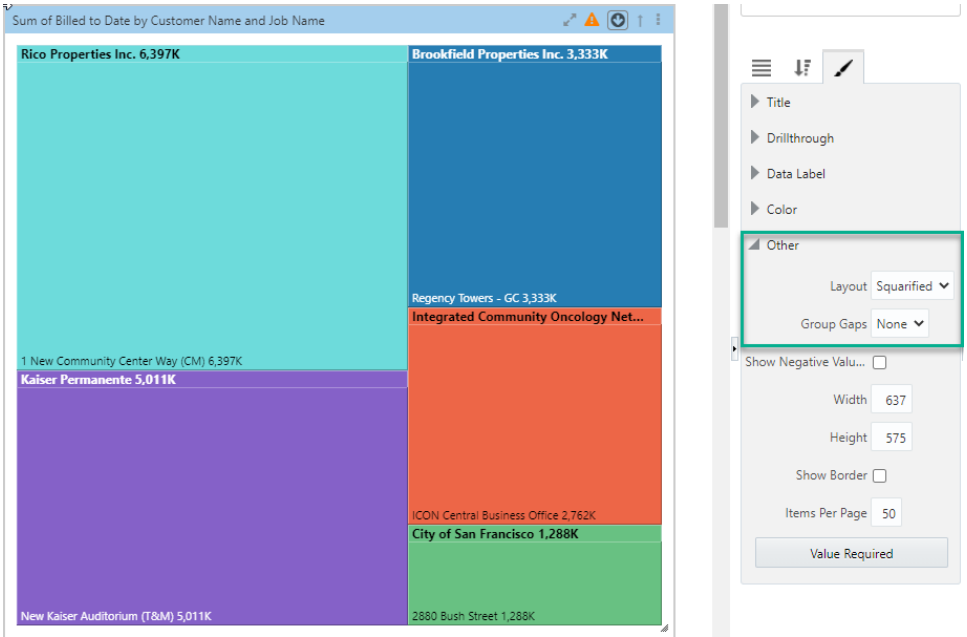

Brookfield Properties Inc. 3,33
Click to turn on drill-down mode

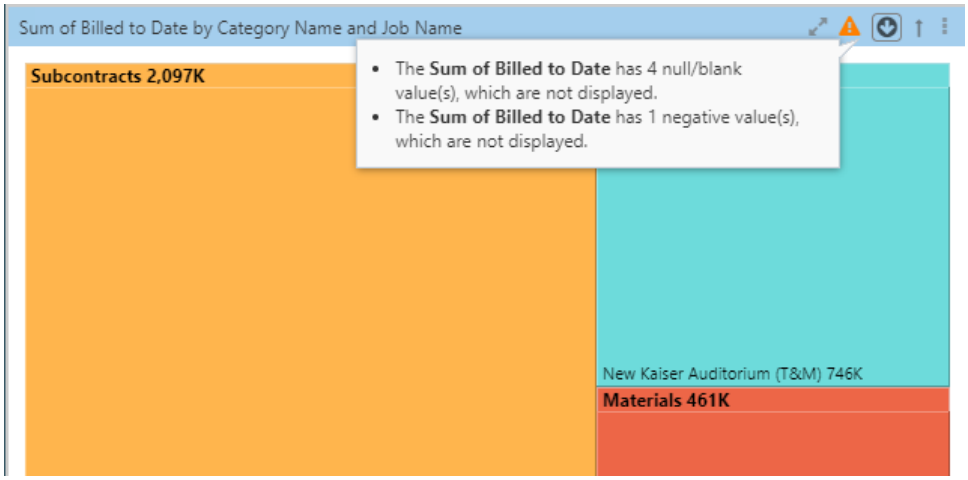

kfield Properties Inc. 3,333K
Drill-down mode is on: Click a data point to drill

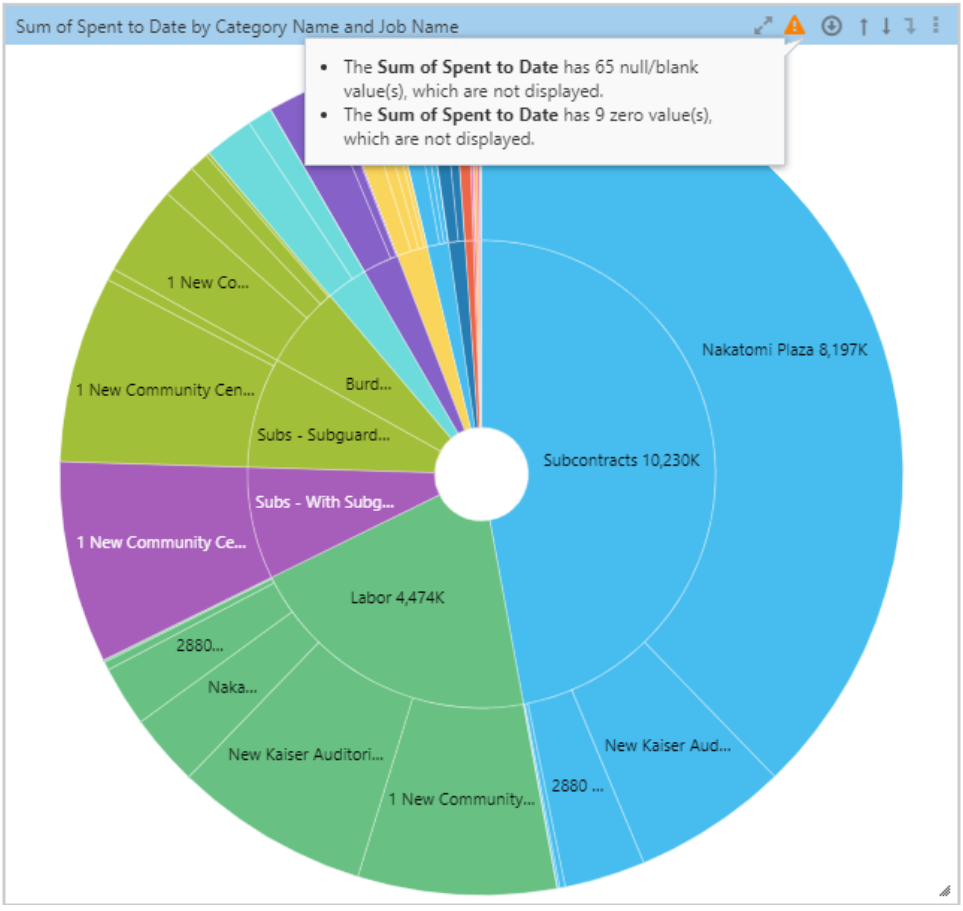

Title
Drillthrough
Data Label
Visible
Display Unit
Thousands
Format
#,##0 (55,555)
Color
Other


Title
Drillthrough
Data Label
Color
Other
Layout
Squarified
None
Use the absolute value to determine size. For example, 7 and -7 are displayed as the same size.
Show Negative Valu...
Width
637
Height
575
Show Border
Items Per Page
50
Value Required


Sum of Billed to Date by Customer Name and Job Name
Rico Properties Inc. 6,397K
1 New Community Center Way (CM) 6,397K
Kaiser Permanente 5,011K
New Kaiser Auditorium (T&M) 5,011K
Brookfield Properties Inc. 3,333K
Regency Towers - GC 3,333K
Integrated Community Oncology Net...
ICON Central Business Office 2,762K
City of San Francisco 1,288K
2880 Bush Street 1,288K
Title
Drillthrough
Data Label
Color
Color Scale
Based on
- Value Field -
Minimum
Maximum
Other


Sum of Billed to Date by Customer Name and Job Name
Rico Properties Inc. 6,397K
1 New Community Center Way (CM) 6,397K
Kaiser Permanente 5,011K
New Kaiser Auditorium (T&M) 5,011K
Brookfield Properties Inc. 3,333K
Regency Towers - GC 3,333K
Integrated Community Oncology Net...
ICON Central Business Office 2,762K
City of San Francisco 1,288K
2880 Bush Street 1,288K
Title
Drillthrough
Data Label
Color
Other
Layout
Squarified
Group Gaps
None
Show Negative Valu...
Width
637
Height
575
Show Border
Items Per Page
50
Value Required





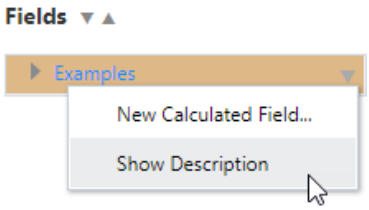
Dashboard Builder – Visualization Toolbar Enhancements (21.42008-75,76)

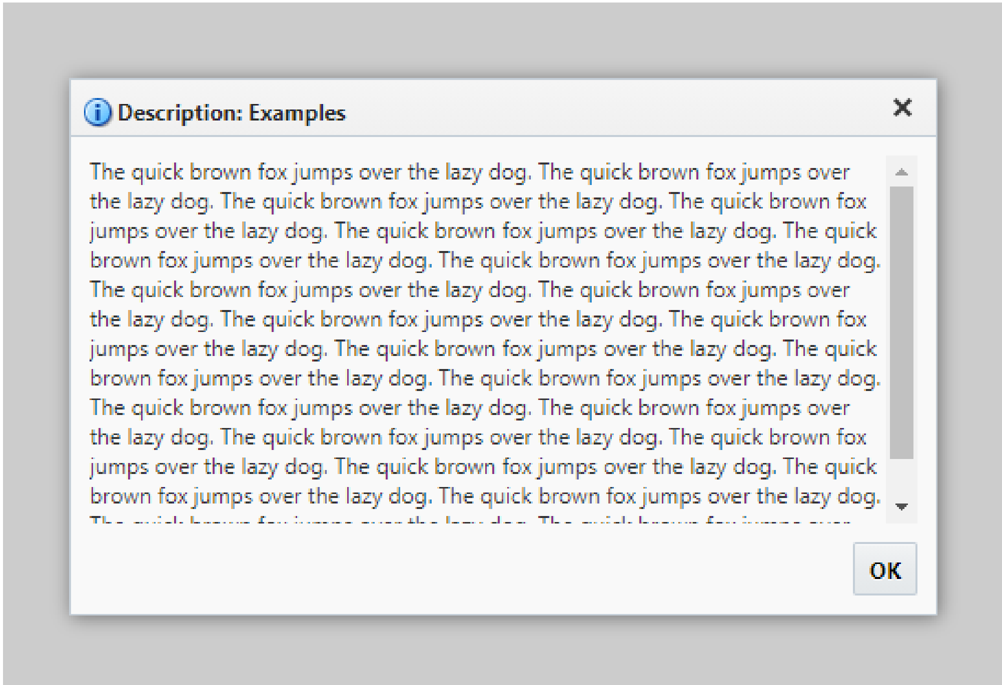
- Visualization toolbar enhancements:

- Move title text below the toolbar to support longer text
- Show toolbar controls (Excel export, PDF export, maximize, etc...) on hover
- Change toolbar colors to grey

Dashboard Builder – Filters and Substitution Variables (21.42008-82,83)

- Automatically save the selected values of dashboard filters and substitution variables per user. The persisted values will be used to prepopulate the same dashboard filters and substitution variables when the dashboard is open:
    - Using File -> Open
    - Using a URL obtained from Dashboard -> Get Link...
- Allow the dashboard filters to load data when autoload data is off (**Preferences -> Autoload Data**). This allows the user to select filter values before turning autoload data back on.
- Add **Show Description** menu option to allow dashboard builder users to view the folder description specified in Catalog Builder.





Dashboard Builder – Selection of Text Color (21.42008-90,91)

Allow Dashboard Builder users to select the text color of a table cell using a format expression. Currently, the feature is not applied to Excel/PDF export yet.

The format expression supports the following operators:

Comparison Operators	Description	Examples
==	Equal to	[Account Type] == “Equity”
!=	Not equal to	[Account Type] != “Equity”
>	Greater than	[Invoice Date] > date(2017,12,17)
<	Less than	[Account Type] < “Equity”
>=	Greater than or equal to	[Invoice Amount] >= 1000
<=	Less than or equal to	[Invoice Amount] <= 1000

Logical Operators	Description	Examples

&&	The double ampersand performs a logical AND operation. It combines two expressions and returns true only if both expressions are true.	([Account Type] == “Equity”) && ([Invoice Amount] <= 1000)
||	The double pipe performs a logical OR operation. It combines two expressions and returns true if one of the expressions is true.	([Account Type] == “Equity”) || ([Invoice Amount] <= 1000)

The switch function is enhanced (for format expressions only).

The switch function converts an <expression>’s values against a list of values and returns one

of multiple results.

Syntax:

switch(<expression>, <value>, <result>[, <value>, <result>]…[, <else>])

<expression can be a <field reference>, true, false

<value> can be an expression: a field reference, a number, a string, a URL, a date, a function (including another switch function call), combinations of arithmetic/comparision/logical expressions.

<result> can be a field reference, a number, a string, URL or a date.

<else> can be a field reference, a number, a string, URL or a date.

The data type of the <expression> must be the same as the comparison <value>’s data

type.

Examples:

color = switch([Balance Amt], blank(),"#ff0000", 0, "#0000ff", "#00ff00")

color = switch(true, [Account Type] == "Assets", "#00ff00")

```
color = switch(true, [Account Type] <= "Expense", "#00ff00")


color = switch(true, trim([Account Name]) == "", "#ff0000")


color = switch(true, [Balance Amt] == blank(),"#ff0000", [Balance Amt] > 0, "#00ff00")


color = switch(true, (-15 *([Amount 1]-[Amount 2])/[Amount 3] + 29.76) > 0, "#00ff00", [Amount 4] ==
blank(), "#ff0000")


color = switch(true, [Account Type] != "Expense","blue",  "#00ff7f", [Balance Amt] >= 50, "#b8860b",
"#ed6647")

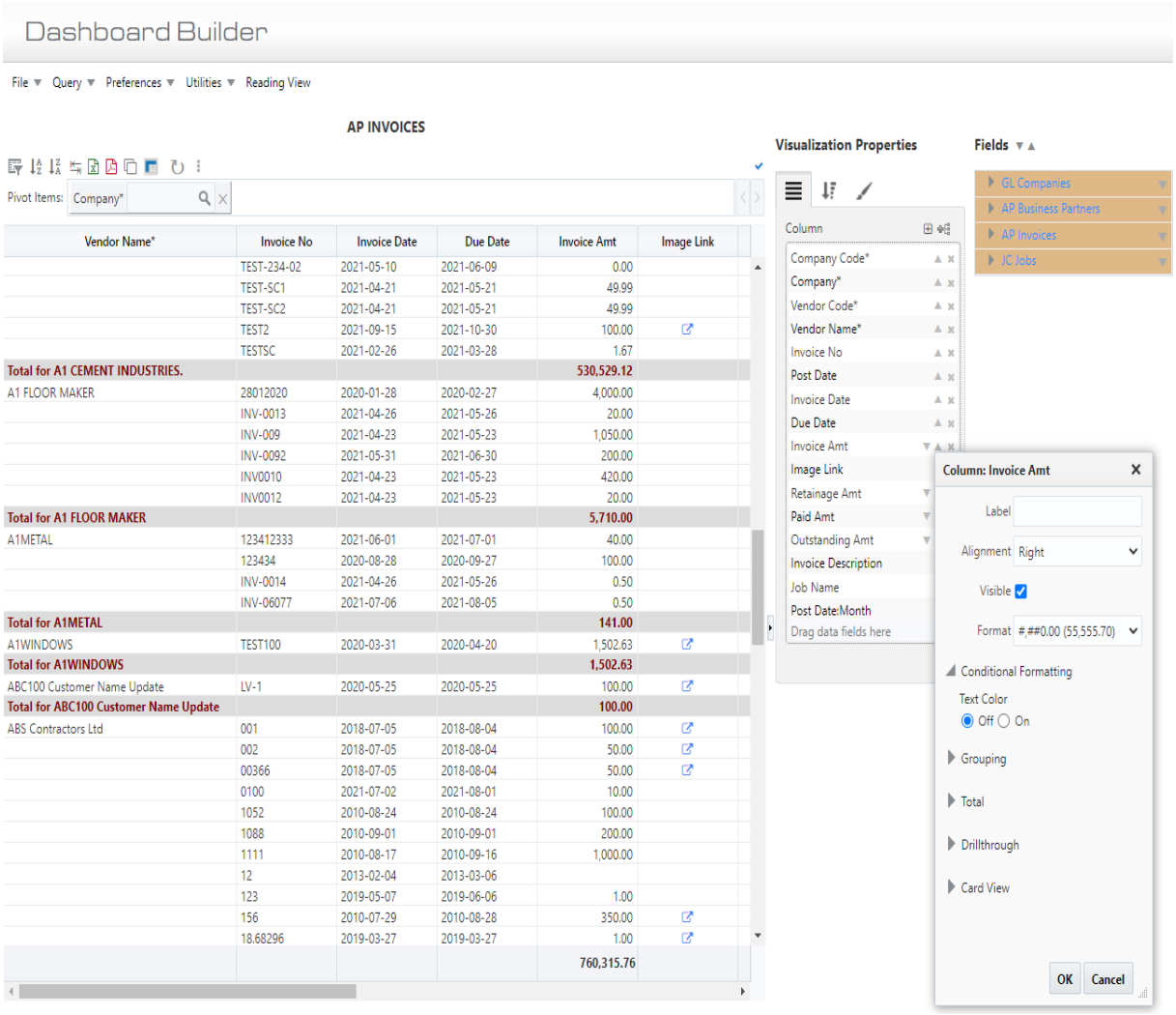

color = switch(true, ([Balance Amt] >= 0) || ([Account Type] == "Assets") || ([Account Type] ==
"Revenues"), "#00ff00")

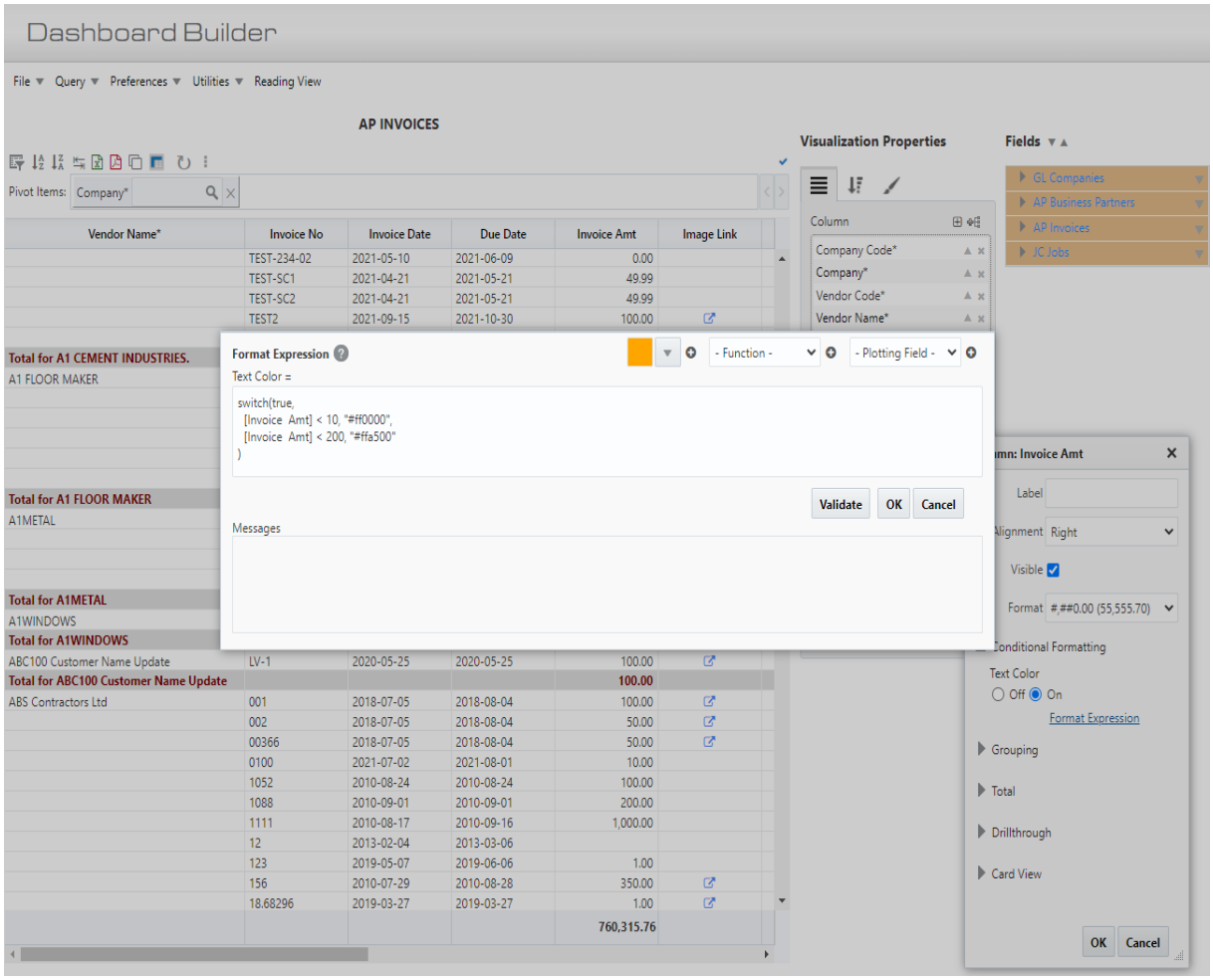

color = switch(true, [Balance Amt] == blank(),"#ff0000", ([Balance Amt] > 0) && ([Account Type] ==
"Assets"), "#00ff00")

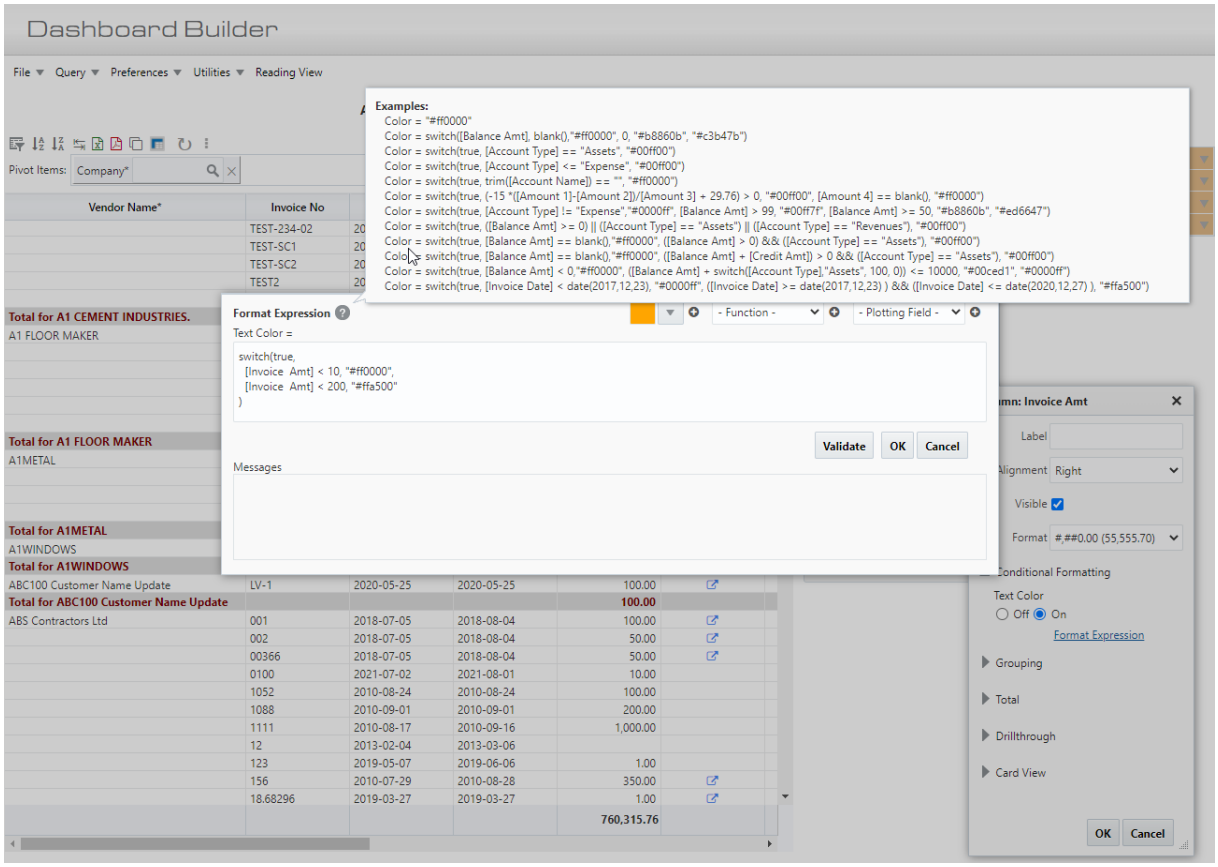

color = switch(true, [Balance Amt] == 0,"#ff0000", ([Balance Amt] + [Credit Amt]) > 0  && ([Account
Type] == "Assets"), "green")

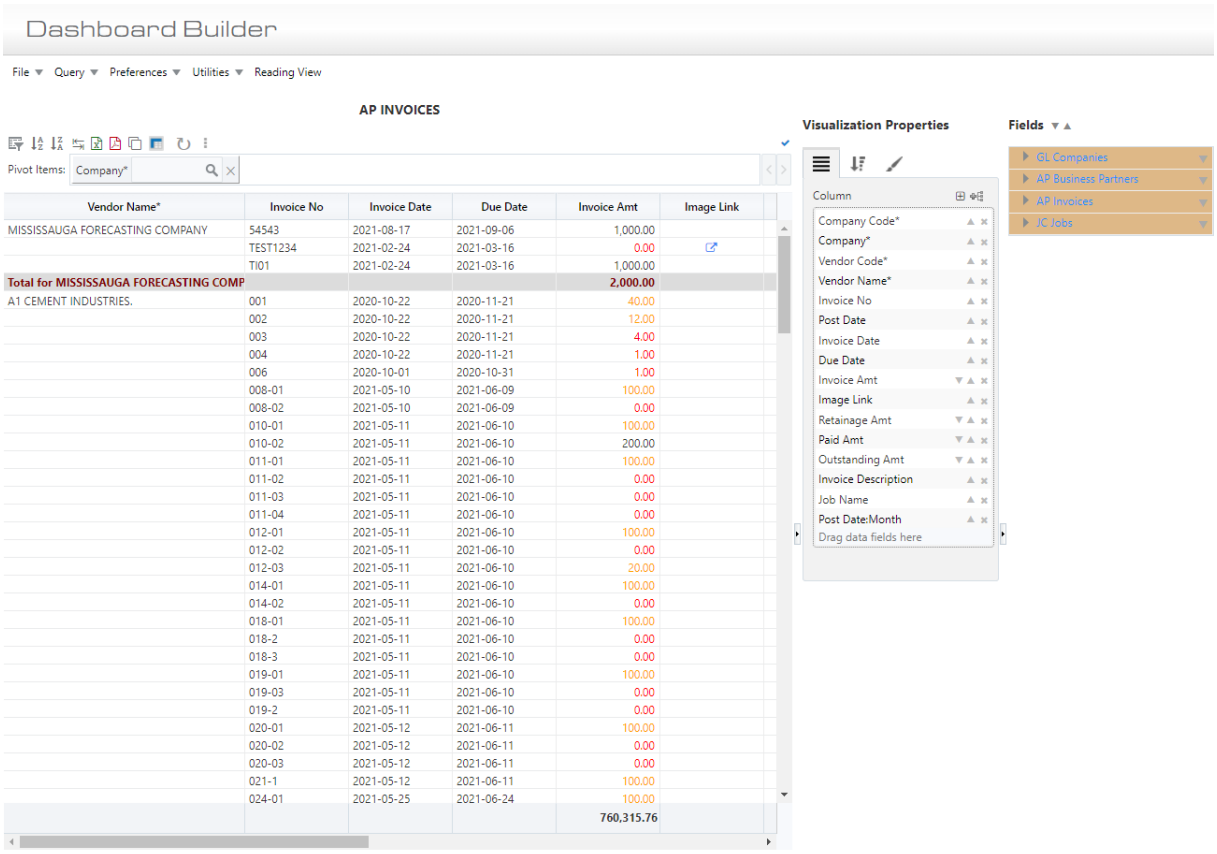

color = switch(true, [Balance Amt] < 0,"#ff0000", ([Balance Amt] + switch([Account Type],"Assets",
100, 0)) <= 10000, "#00ff00", "#0000ff")


color = switch(true, [Invoice Date] < date(2017,12,23), "blue", ([Invoice Date] >= date(2017,12,23) )
&& ([Invoice Date] <= date(2020,12,27) ), "#ffff00")
```


Dashboard Builder
File
Query
Preferences
Utilities
Reading View
AP INVOICES
Pivot Items:
Company*
Vendor Name*
Invoice No
Invoice Date
Due Date
Invoice Amt
Image Link
TEST-234-02 2021-05-10 2021-06-09 0.00
TEST-SC1 2021-04-21 2021-05-21 49.99
TEST-SC2 2021-04-21 2021-05-21 49.99
TEST2 2021-09-15 2021-10-30 100.00
TESTSC 2021-02-26 2021-03-28 1.67
Total for A1 CEMENT INDUSTRIES. 530,529.12
A1 FLOOR MAKER 28012020 2020-01-28 2020-02-27 4,000.00
INV-0013 2021-04-26 2021-05-26 20.00
INV-009 2021-04-23 2021-05-23 1,050.00
INV-0092 2021-05-31 2021-06-30 200.00
INV0010 2021-04-23 2021-05-23 420.00
INV0012 2021-04-23 2021-05-23 20.00
Total for A1 FLOOR MAKER 5,710.00
A1METAL 123412333 2021-06-01 2021-07-01 40.00
123434 2020-08-28 2020-09-27 100.00
INV-0014 2021-04-26 2021-05-26 0.50
INV-06077 2021-07-06 2021-08-05 0.50
Total for A1METAL 141.00
A1WINDOWS TEST100 2020-03-31 2020-04-20 1,502.63
Total for A1WINDOWS 1,502.63
ABC100 Customer Name Update LV-1 2020-05-25 2020-05-25 100.00
Total for ABC100 Customer Name Update 100.00
ABS Contractors Ltd 001 2018-07-05 2018-08-04 100.00
002 2018-07-05 2018-08-04 50.00
00366 2018-07-05 2018-08-04 50.00
0100 2021-07-02 2021-08-01 10.00
1052 2010-08-24 2010-08-24 100.00
1088 2010-09-01 2010-09-01 200.00
1111 2010-08-17 2010-09-16 1,000.00
12 2013-02-04 2013-03-06
123 2019-05-07 2019-06-06 1.00
156 2010-07-29 2010-08-28 350.00
18.68296 2019-03-27 2019-03-27 1.00
760,315.76
Visualization Properties
Column
Company Code*
Company*
Vendor Code*
Vendor Name*
Invoice No
Post Date
Invoice Date
Due Date
Invoice Amt
Image Link
Retainage Amt
Paid Amt
Outstanding Amt
Invoice Description
Job Name
Post Date:Month
Drag data fields here
Fields
GL Companies
AP Business Partners
AP Invoices
JC Jobs
Column: Invoice Amt
Label
Alignment Right
Visible
Format #,##0.00 (55,555.70)
Conditional Formatting
Text Color
Off On
Grouping
Total
Drillthrough
Card View
OK
Cancel

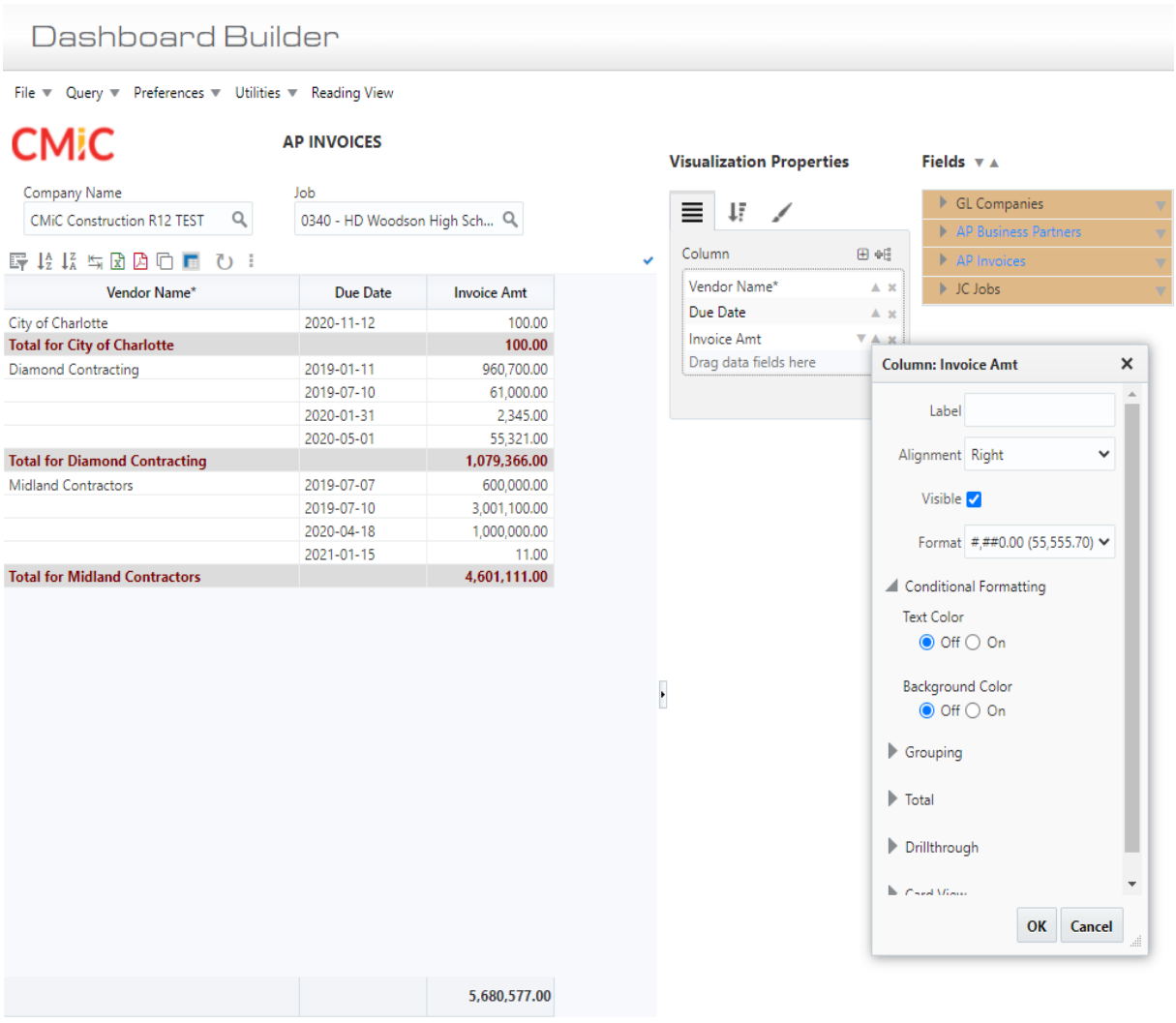

Dashboard Builder
File
Query
Preferences
Utilities
Reading View
AP INVOICES
Pivot Items:
Company*
Vendor Name*
Invoice No
Invoice Date
Due Date
Invoice Amt
Image Link
Total for A1 CEMENT INDUSTRIES.
A1 FLOOR MAKER
Total for A1 FLOOR MAKER
A1METAL
Total for A1METAL
A1WINDOWS
Total for A1WINDOWS
ABC100 Customer Name Update
Total for ABC100 Customer Name Update
ABS Contractors Ltd
760,315.76
Format Expression
Text Color =
switch(true,
[Invoice Amt] < 10, "#ff0000",
[Invoice Amt] < 200, "#ffa500"
)
- Function -
- Plotting Field -
Validate
OK
Cancel
Messages
Visualization Properties
Column
Company Code*
Company*
Vendor Code*
Vendor Name*
Fields
GL Companies
AP Business Partners
AP Invoices
JC Jobs
mn: Invoice Amt
Label
Alignment
Right
Visible
Format
#,##0.00 (55,555.70)
Conditional Formatting
Text Color
Off
On
Format Expression
Grouping
Total
Drillthrough
Card View
OK
Cancel

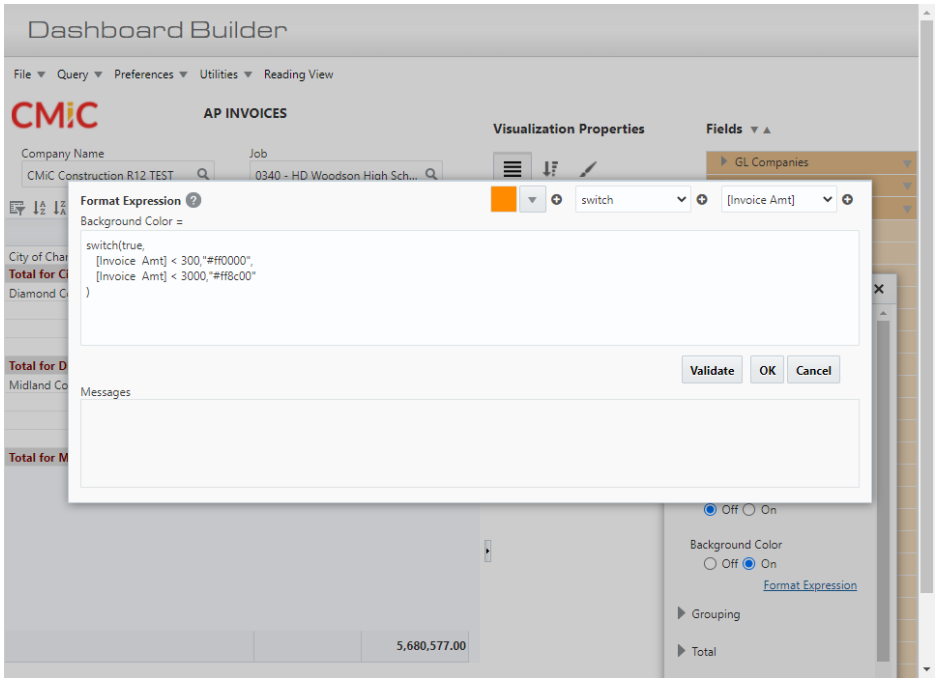

Dashboard Builder
File
Query
Preferences
Utilities
Reading View
Examples:
Color = "#ff0000"
Color = switch([Balance Amt], blank(),"#ff0000", 0, "#b8860b", "#c3b47b")
Color = switch(true, [Account Type] == "Assets", "#00ff00")
Color = switch(true, [Account Type] <= "Expense", "#00ff00")
Color = switch(true, trim([Account Name]) == "", "#ff0000")
Color = switch(true, (-15 *([Amount 1]-[Amount 2])/[Amount 3] + 29.76) > 0, "#00ff00", [Amount 4] == blank(), "#ff0000")
Color = switch(true, [Account Type] != "Expense","#0000ff", [Balance Amt] > 99, "#00ff7f", [Balance Amt] >= 50, "#b8860b", "#ed6647")
Color = switch(true, ([Balance Amt] >= 0) || ([Account Type] == "Assets") || ([Account Type] == "Revenues"), "#00ff00")
Color = switch(true, [Balance Amt] == blank(),"#ff0000", ([Balance Amt] > 0) && ([Account Type] == "Assets"), "#00ff00")
Color = switch(true, [Balance Amt] == blank(),"#ff0000", ([Balance Amt] + [Credit Amt]) > 0 && ([Account Type] == "Assets"), "#00ff00")
Color = switch(true, [Balance Amt] < 0,"#ff0000", ([Balance Amt] + switch([Account Type],"Assets", 100, 0)) <= 10000, "#00ced1", "#0000ff")
Color = switch(true, [Invoice Date] < date(2017,12,23), "#0000ff", ([Invoice Date] >= date(2017,12,23)) && ([Invoice Date] <= date(2020,12,27)), "#ffa500")
Pivot Items:
Company*
Vendor Name*
Invoice No
Format Expression
Text Color =
switch(true,
[Invoice Amt] < 10, "#ff0000",
[Invoice Amt] < 200, "#ffa500"
)
- Function -
- Plotting Field -
Validate
OK
Cancel
Messages
Label
Alignment
Right
Visible
Format
#,##0.00 (55,555.70)
Conditional Formatting
Text Color
Off
On
Format Expression
Grouping
Total
Drillthrough
Card View
OK
Cancel

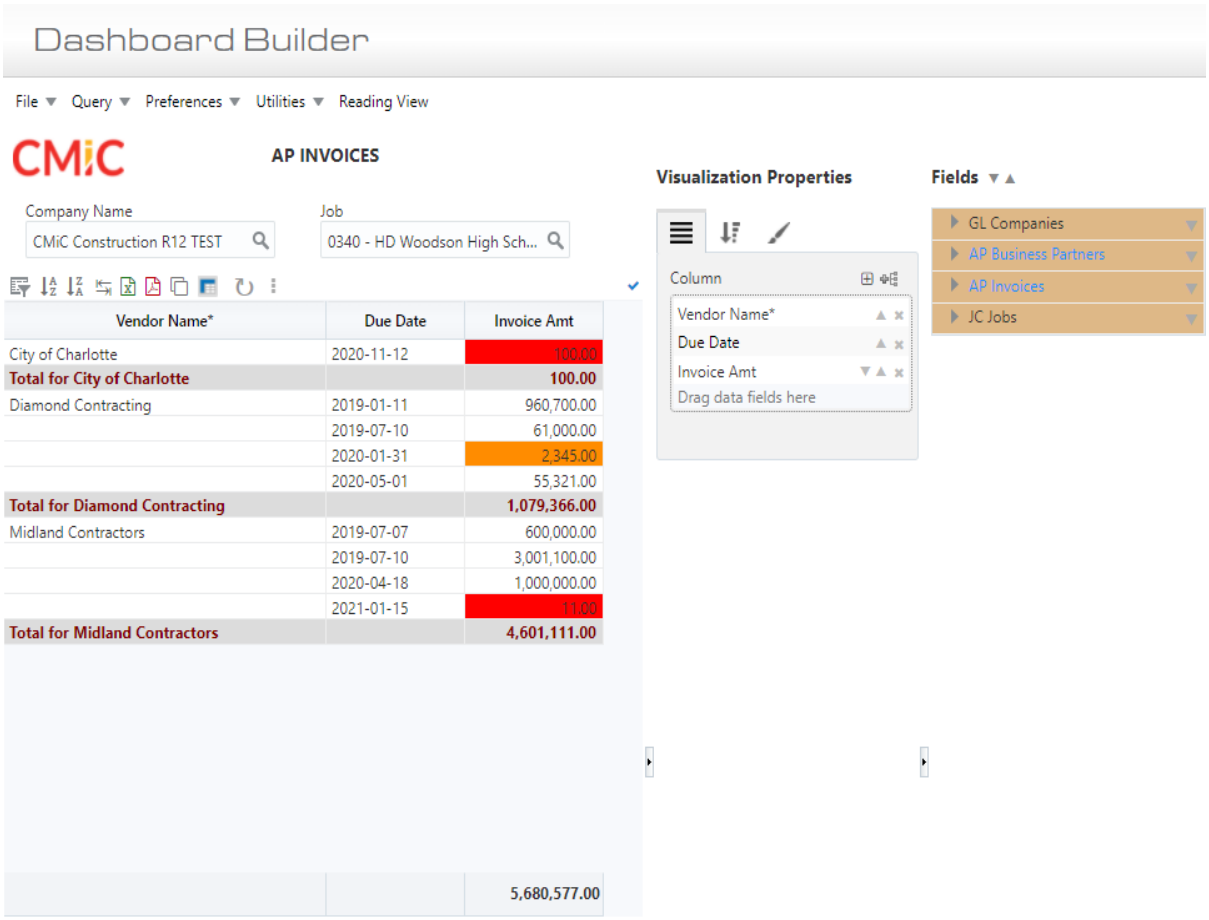


Dashboard Builder – Background Color Selection (21.42008-96,97)

Allow Dashboard Builder users to select the background color of a table cell using a conditional format expression. The selected color is applied to the Excel/PDF exports.


Dashboard Builder
File
Query
Preferences
Utilities
Reading View
CMiC
AP INVOICES
Company Name
CMiC Construction R12 TEST
Job
0340 - HD Woodson High Sch...
Vendor Name*
Due Date
Invoice Amt
City of Charlotte 2020-11-12 100.00
Total for City of Charlotte 100.00
Diamond Contracting 2019-01-11 960,700.00
2019-07-10 61,000.00
2020-01-31 2,345.00
2020-05-01 55,321.00
Total for Diamond Contracting 1,079,366.00
Midland Contractors 2019-07-07 600,000.00
2019-07-10 3,001,100.00
2020-04-18 1,000,000.00
2021-01-15 11.00
Total for Midland Contractors 4,601,111.00
5,680,577.00
Visualization Properties
Column
Vendor Name*
Due Date
Invoice Amt
Drag data fields here
Fields
GL Companies
AP Business Partners
AP Invoices
JC Jobs
Column: Invoice Amt
Label
Alignment Right
Visible
Format #,##0.00 (55,555.70)
Conditional Formatting
Text Color
Off On
Background Color
Off On
Grouping
Total
Drillthrough
OK
Cancel


Dashboard Builder
File
Query
Preferences
Utilities
Reading View
CMiC
AP INVOICES
Company Name
CMiC Construction R12 TEST
Job
0340 - HD Woodson High Sch...
Visualization Properties
Fields
GL Companies
Format Expression
Background Color =
switch(true,
[Invoice Amt] < 300,"#ff0000",
[Invoice Amt] < 3000,"#ff8c00"
)
switch
[Invoice Amt]
Validate
OK
Cancel
Messages
Off
On
Background Color
Off
On
Format Expression
Grouping
Total
5,680,577.00



Dashboard Builder – Visualization Calculated Field Enhancements (21.42008-111,112)

Below are some Visualization calculated field enhancements (like table conditional formatting):

Support comparison expressions and logical expressions switch statements.

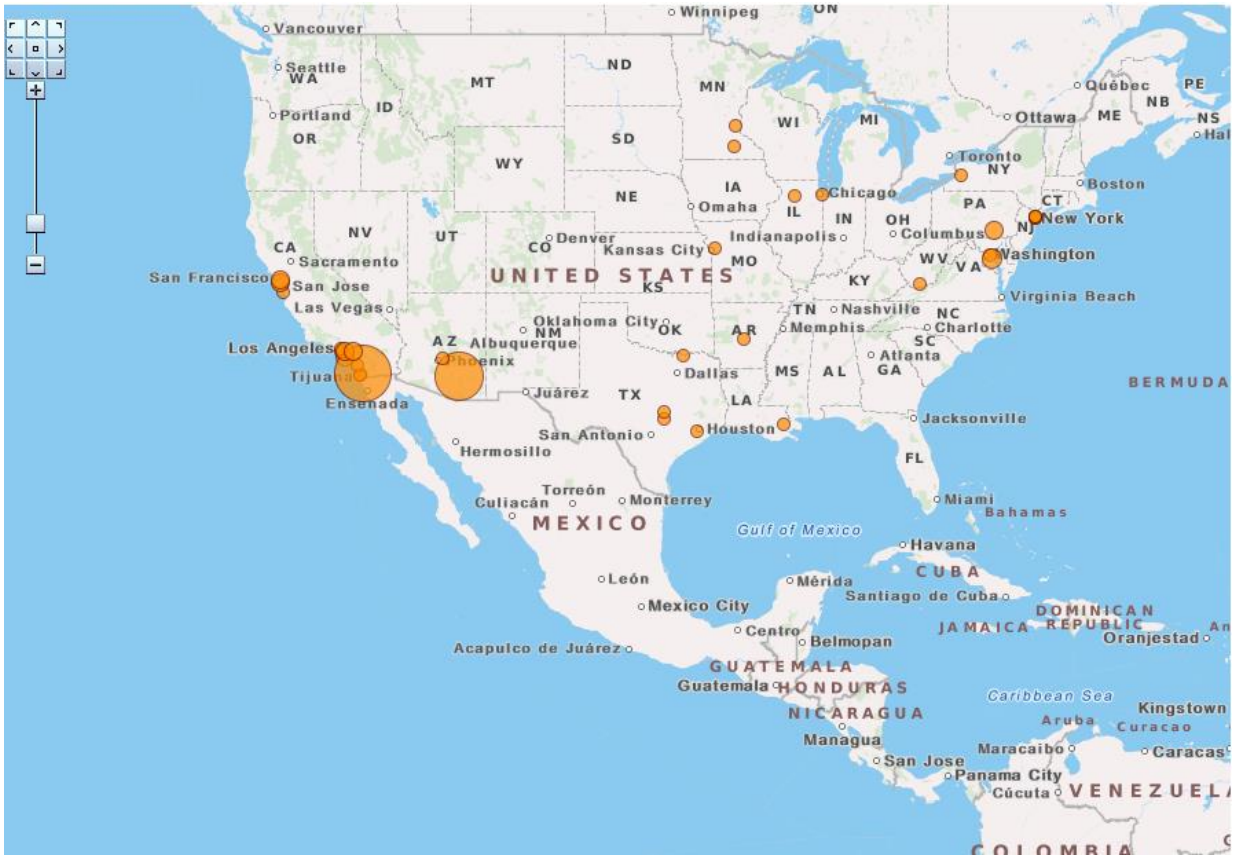
- Unlike table conditional formatting: Comparison expressions and logical expressions do not support the STRING data type.
    - Support nested function calls.
- Example:
  Rating = switch(true,
  'Folder'[Amt] < 10, "A",
  ('Folder'[Amt] + switch('Folder'[Type],"Assets", 100, 0)) <= 10000, "AA",
  "Other")

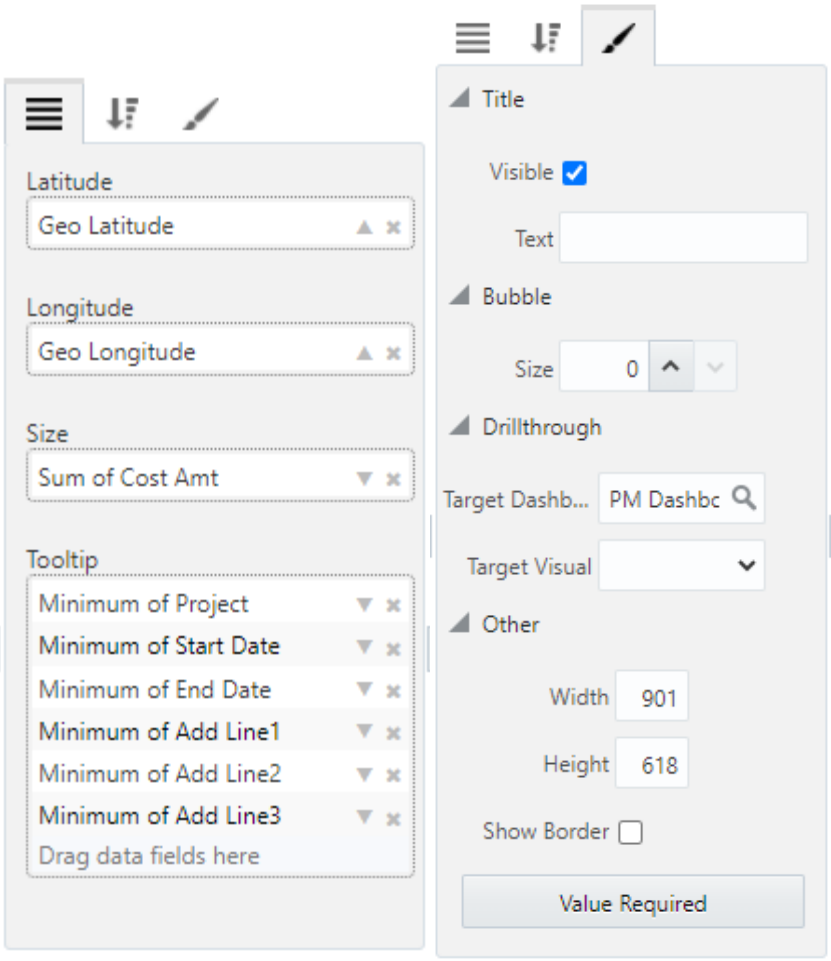
Dashboard Builder – Bubble Map Visualization (21.42008-118,119)

The Bubble map visualization has been added:

Example:

https://solutionsr12.cmicpaas.com/cmictest/CmicBi/faces/main.jsf?id=kzjxgc61-82403bd363e64f26ad62322e6ed2f6a7



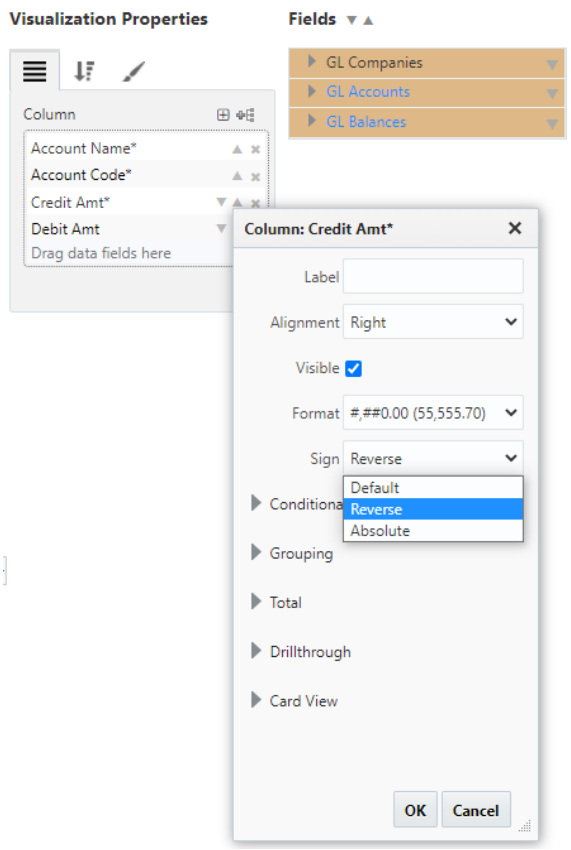


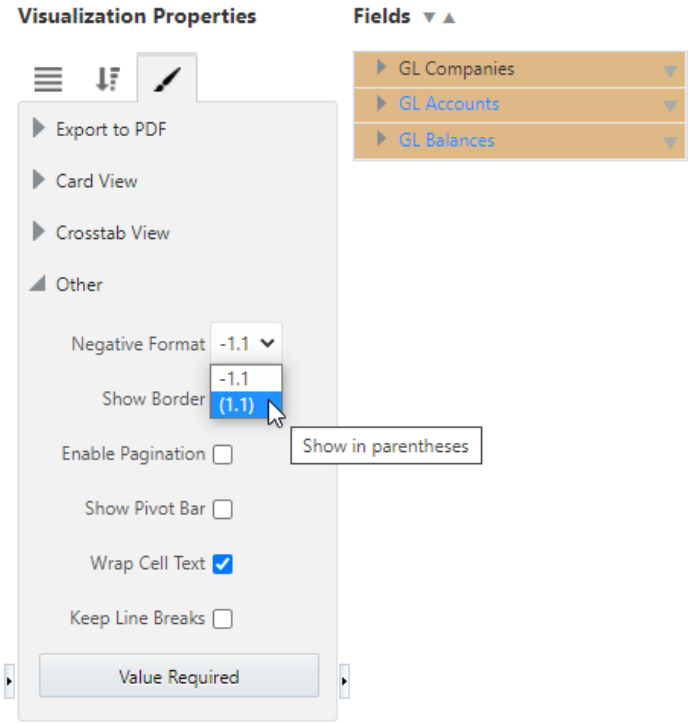
Dashboard Builder – Table Visual (21.42008-120,121)

Table Visual:

Enables the user to change the final display of numbers without affecting calculations. Specifically, the following options are supported.

- Change the sign of numbers from positive to negative and from negative to positive (reverse sign).
- Change the sign of negative numbers to positive (absolute value).
- Display negative numbers in brackets.
- All enhancements above are applied to Web, Excel, PDF, Card view and Crosstab view. They are also applied to pivot items, subtotals and totals.


Visualization Properties
Fields
GL Companies
GL Accounts
GL Balances
Column
Account Name*
Account Code*
Credit Amt*
Debit Amt
Drag data fields here
Column: Credit Amt*
Label
Alignment
Right
Visible
Format
#,##0.00 (55,555.70)
Sign
Reverse
Default
Reverse
Absolute
Conditiona
Grouping
Total
Drillthrough
Card View
OK
Cancel

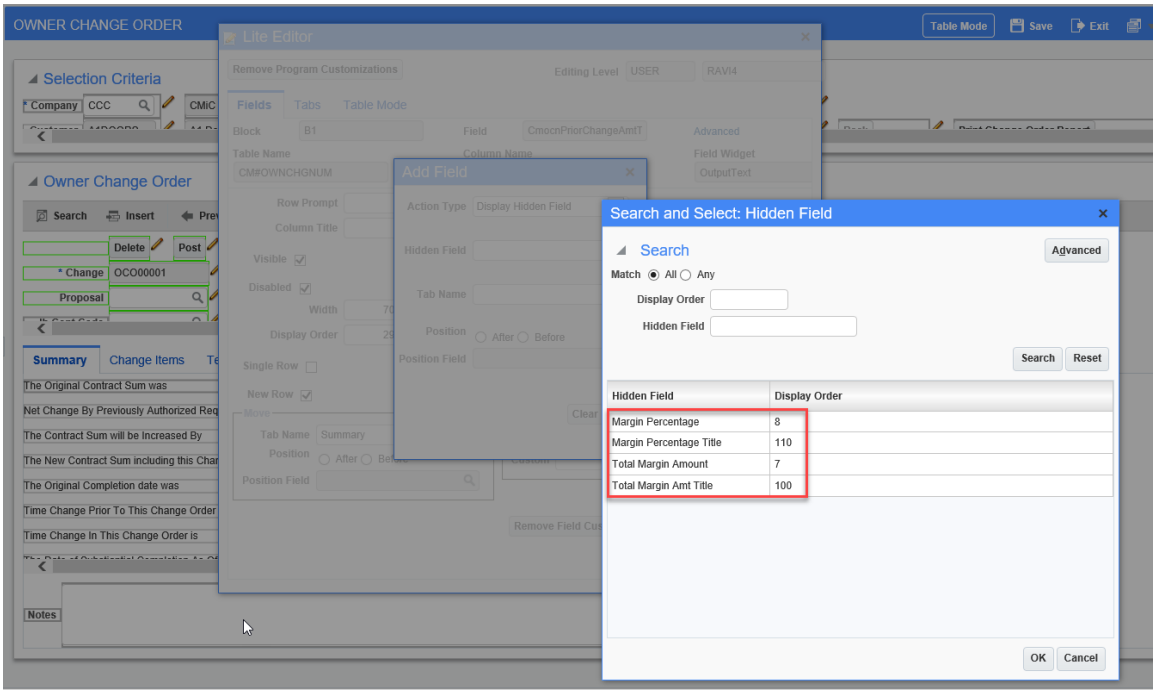

Visualization Properties
Fields
GL Companies
GL Accounts
GL Balances
Export to PDF
Card View
Crosstab View
Other
Negative Format
-1.1
Show Border
-1.1
(1.1)
Show in parentheses
Enable Pagination
Show Pivot Bar
Wrap Cell Text
Keep Line Breaks
Value Required

Account Name*	Account Code*	Credit Amt*	Debit Amt
401k Employer (DR)	6300.112	(3.00)	9.00
		(36.00)	21.00
	Total: 6300.112	**(39.00)**	**30.00**
A/P- GST Rec (Retainage)	11104	(11.92)	1,059.06
		(26.82)	2.98
	Total: 11104	**(38.74)**	**1,062.04**
AP Expense/WIP	5000.108	(0.16)	7,423.63
		(0.64)	9,876,858.21
		(0.74)	9,880,463.21
		(0.96)	9,881,693.74
			9,884,307.52
		(1.92)	9,885,150.65
	Total: 5000.108	**(5.38)**	**49,415,896.96**
AP Misc.Expense unapplied ca	5000.100	(0.14)	12,394.09
	Total: 5000.100	**(0.14)**	**12,394.09**
AP/AR Currency Gain/Loss	5000.105	(8.00)	0.00
		(20.00)	12.00
	Total: 5000.105	**(28.00)**	**12.00**
AP/AR Disounts Lost/Taken	5000.106	(46.41)	15.47

Change Management

Added Margin Fields to OCO program (19.79664)

Added 2 new columns (Total Margin Amount and Margin %) to Owner Change Order screen (invisible by default and to be added using lite Editor), same as available in PMJSP Owner Change Order Screen.



The Calculation is as follows:

Example of 1 OCO with 2 PCI's:

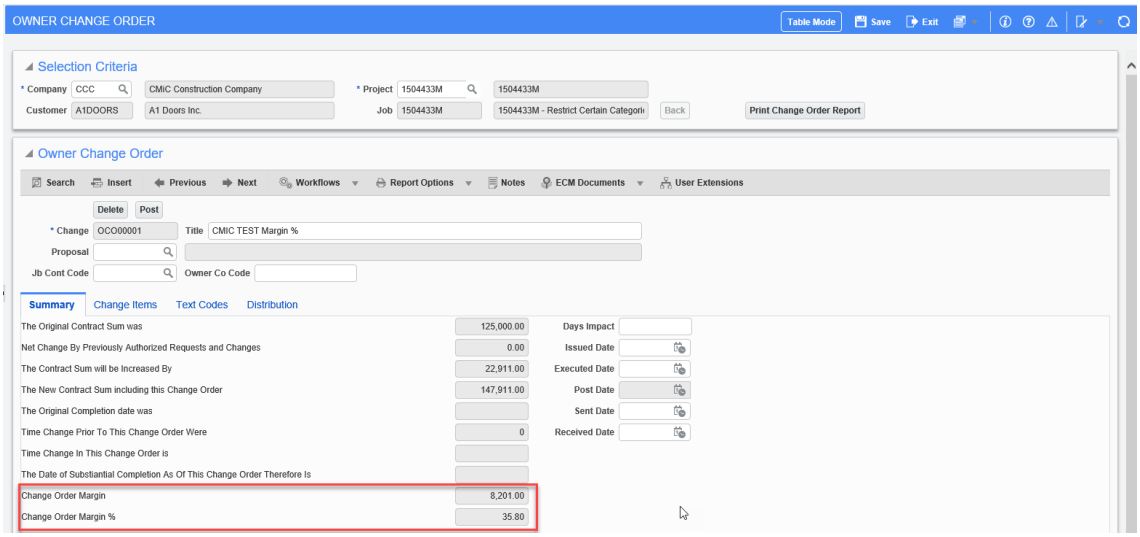
PCI 1 = 20500 (billing) - 12500 (budgeted) = 8000

PCI 2 = 2411 (billing) - 2210 (budgeted) = 201

Final Margin and Margin %

Total Margin Amount = $8201 (8000 + 201)

Margin % = 35.8% (8201 / 22911)



Selective Markups for PCI (21.40801)

Overview:

The purpose of this feature is to provide the ability of calculating Markups for selected PCIs. A new column as checkbox called 'Markup' has been added to the PCI Detail Tab in 'Enter PCI' screen, so user can specify which line items will have the markup rules applied to.

Modifications:

Modified ADF screen - Enter PCI (PMCHGFM):
CM > Change Orders > Enter PCI
A new checkbox column called 'Markup' has been added to 'Enter PCI' screen that indicates which line will have markups applied to.

Markup flag:

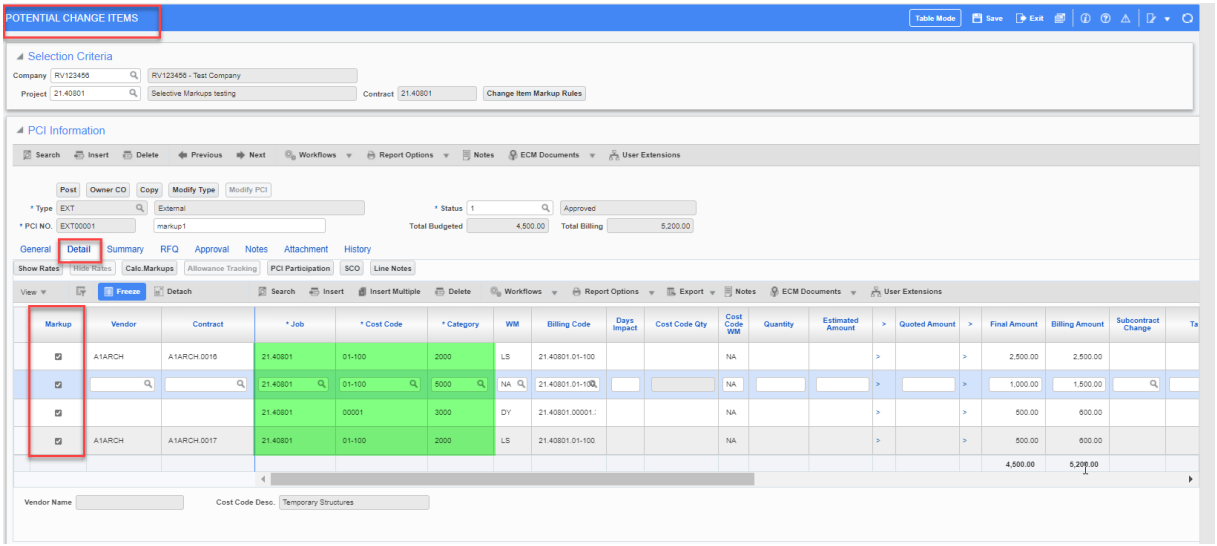
- When checked and enabled, indicates only the selected lines will have a markup applied to**,** if the job, cost code and category satisfy the markup rules.
- When unchecked and enabled, indicates Markup has been removed from the PCI line or markup has not been calculated for that PCI line.

- When unchecked and disabled, indicates the line is a Markup line.

Note: For new PCIs, Markup flag is set to 'Y' by default which leads to save the corresponding value in database. For existing PCIs (created before this feature), Markup flag is set to 'Y' on the screen to facilitate calculating Markup if user wishes to do so.

Screenshots:

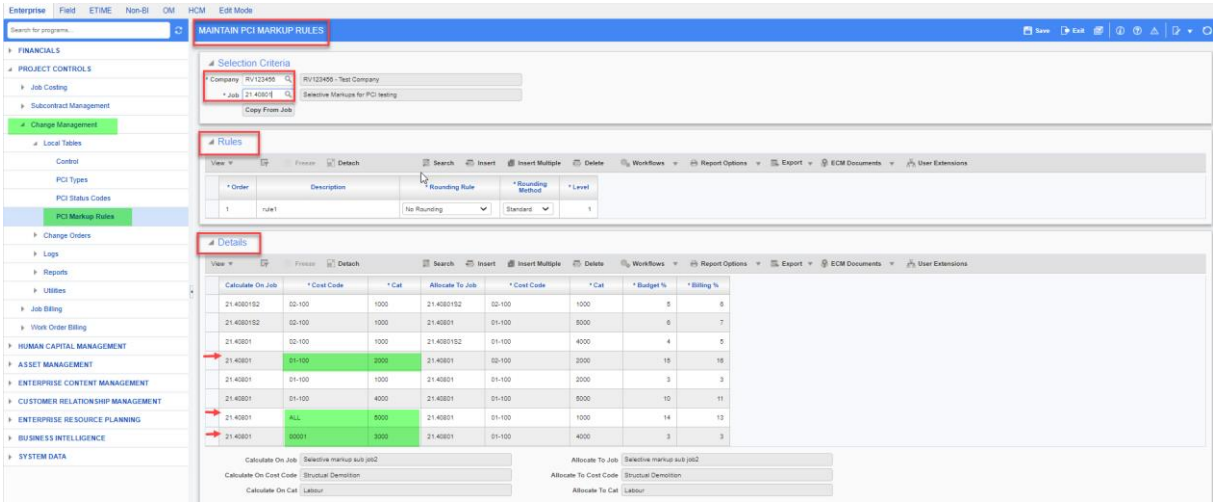
Calculation of Markups:
CM > Change Orders > Enter PCI
Markup checkbox is now available on Enter PCI screen



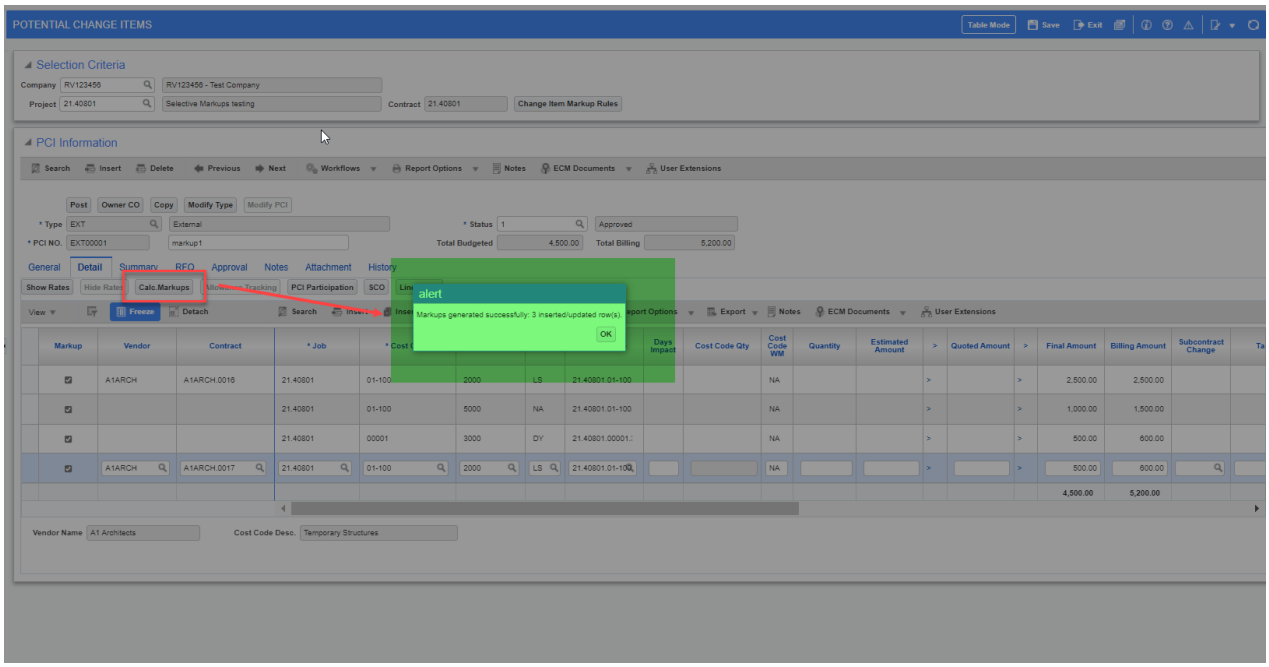
As mentioned earlier, for existing PCIs, Markup flag shown as 'Y' on the screen to facilitate calculating Markup if user wishes to do so.

By pressing 'Calc. Markups' button, Markups will be calculated and applied to the selected PCI lines based on the Markup Rules Details defined in the following screen.

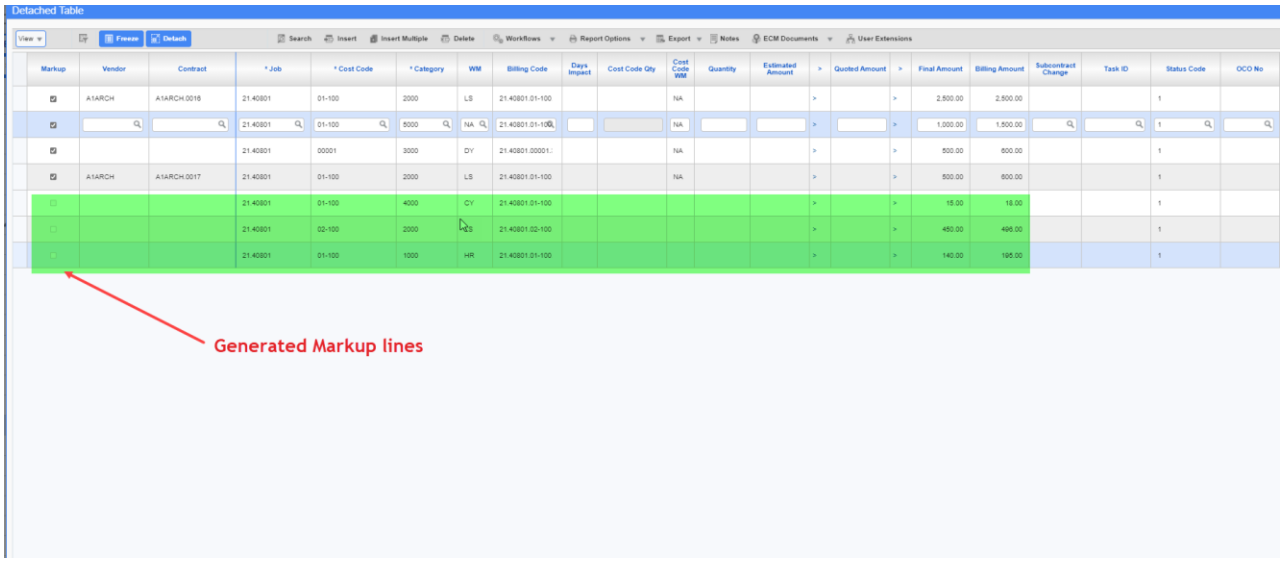
CM > Local Tables > PCI Markup Rules



As the result of Markup Calculation (Calc. Markups button) for the selected PCIs, Markup lines will be generated that satisfy the Markup rules (Detail Rules marked in the above screen), followed by a confirmation alert.



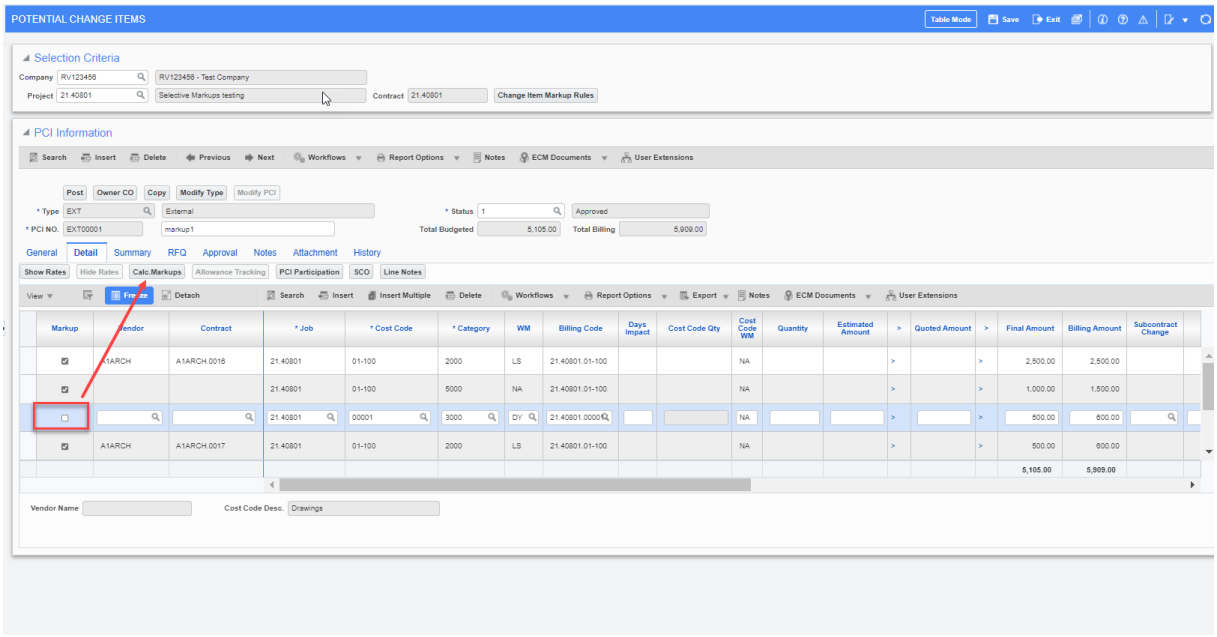
By acknowledging the alert, generated Markup lines appear on the PCI Detail tab.



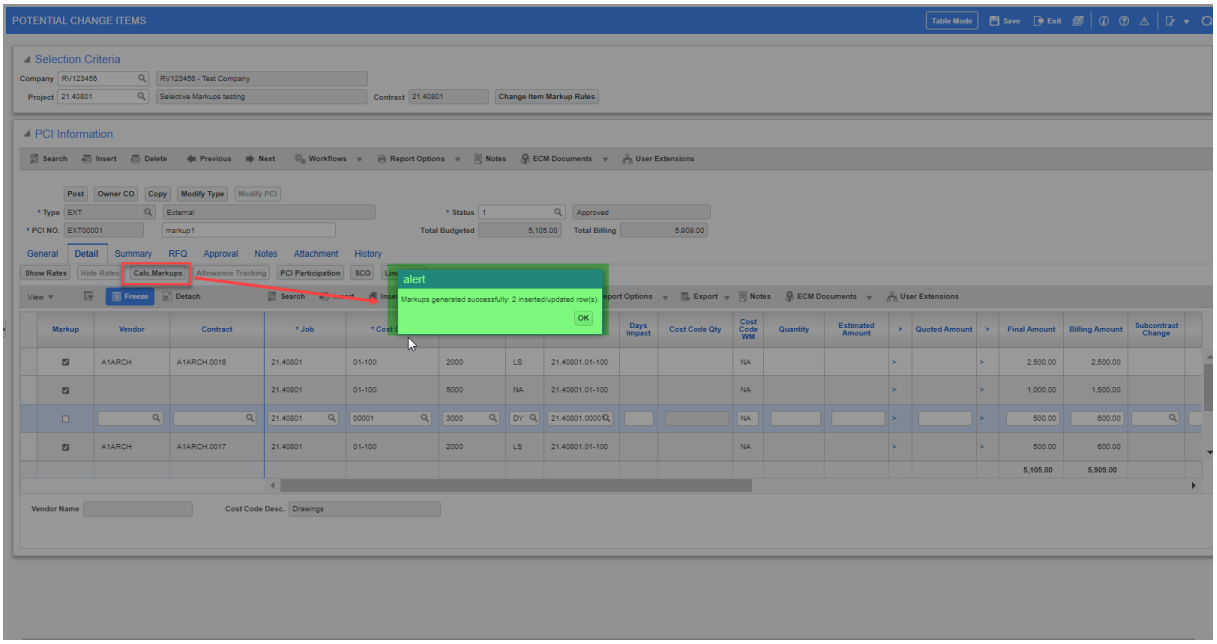
Please note that Markup flag is **disabled** for the generated Markup lines and cannot be selected.

Remove Markup on specific PCIs:

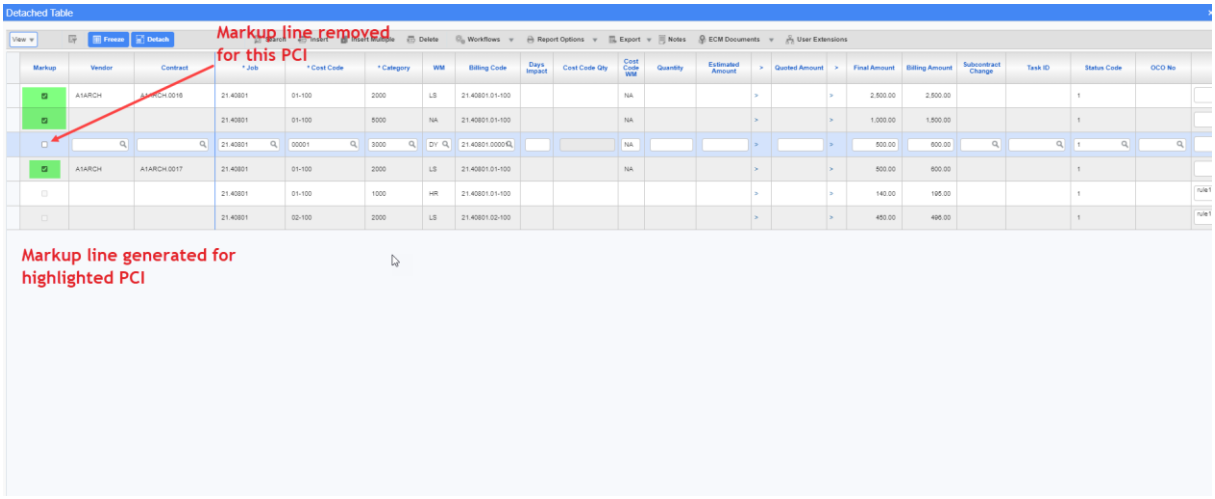
To remove generated Markups for one or more PCIs, unchecking the Markup flag and recalculating Markups using ‘Calc. Markups’ button will remove the Markup lines for selected PCIs.



A confirmation alert indicates the success of the removal Markup line(s) for unchecked PCI and generating Markup lines for PCIs that still checked and satisfy the Markup Rules Details.

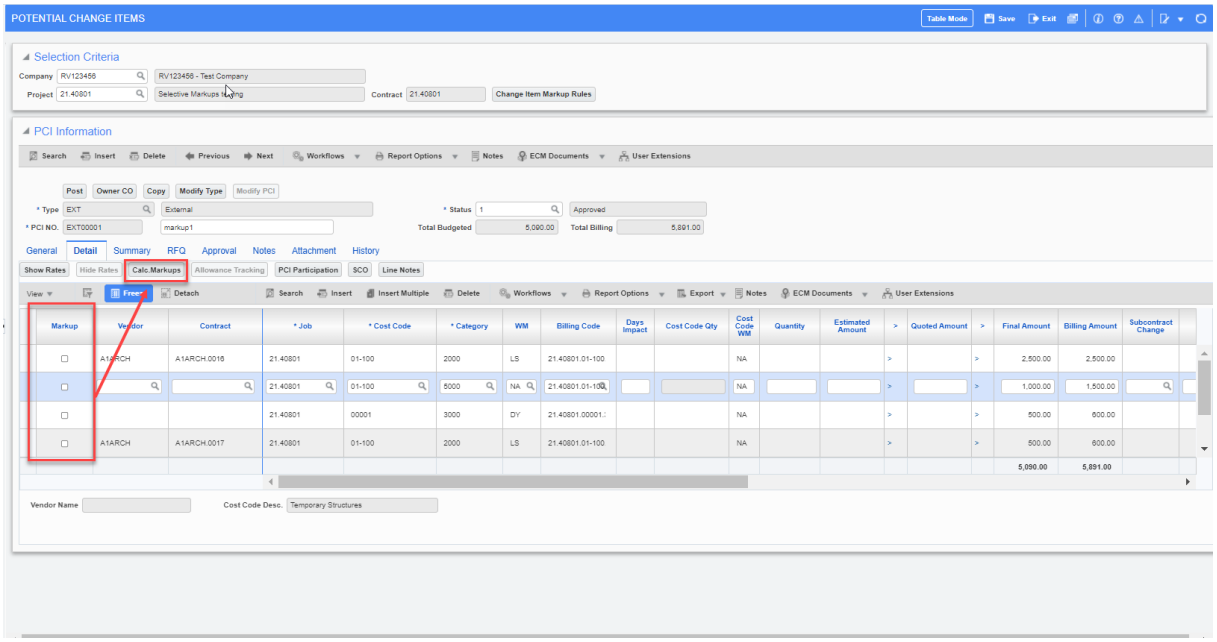


Following screen shows the Detail tab after removing and recalculating Markups:

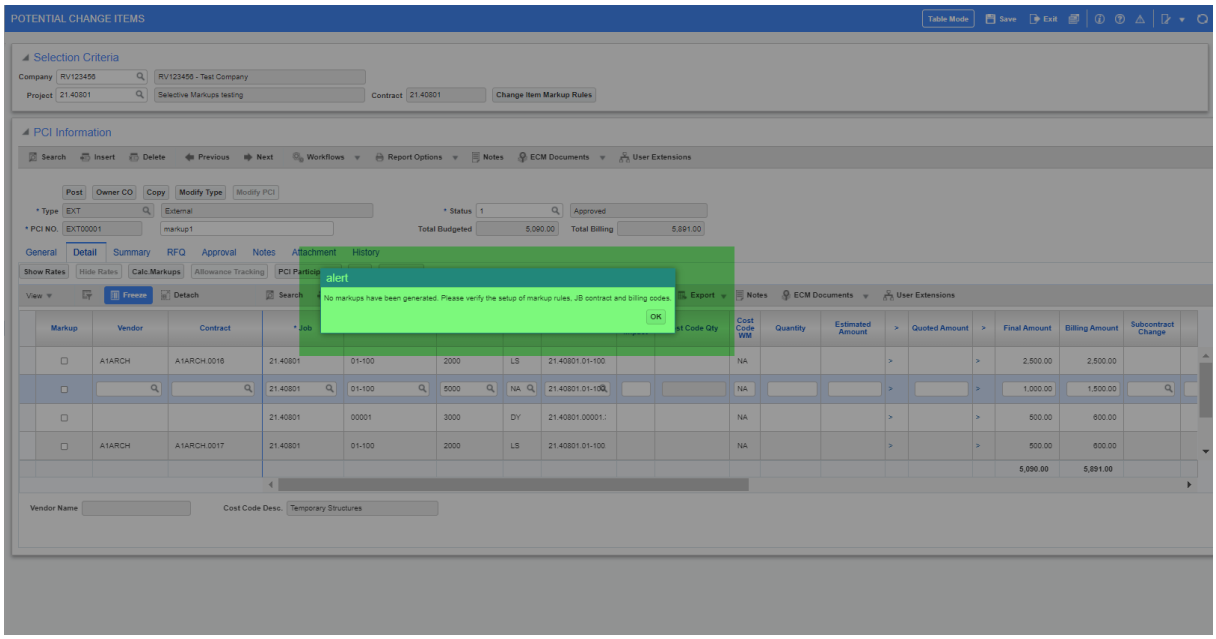


If Markup flag is unchecked for one or more PCI line, no Markups will be generated even though the detail line(s) satisfies the Markup Rules Details.

In this example Markup flags unchecked for all PCI lines.



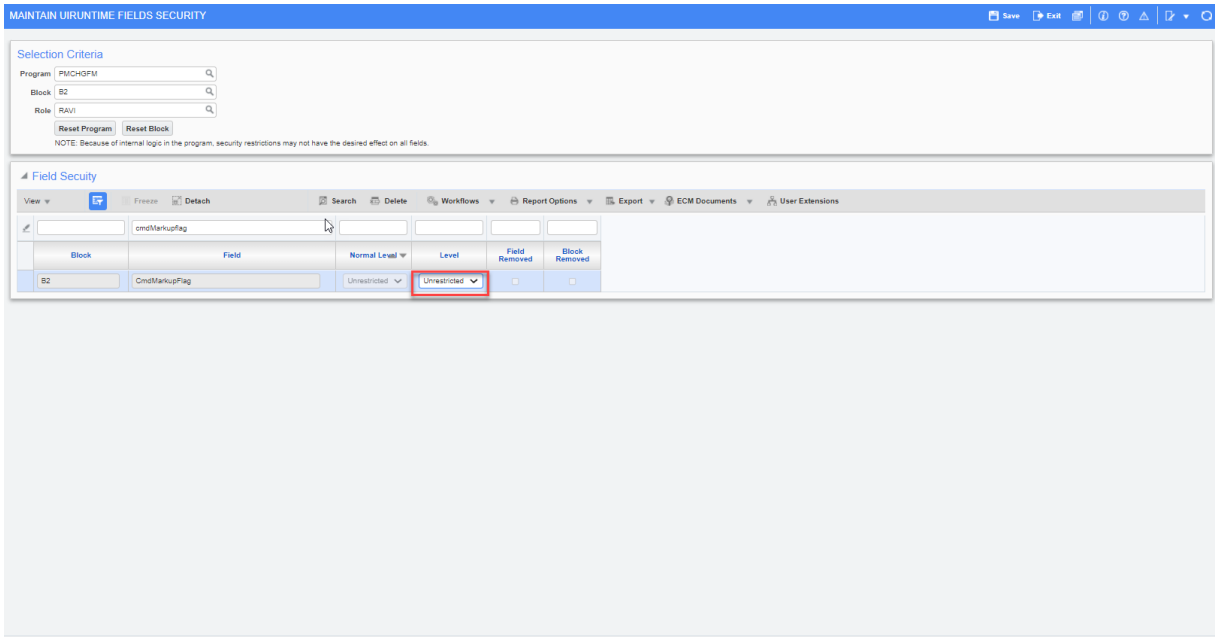
Calculating Markups using ‘Calc. Markups’ button, results in the following screen with no Markup lines and an alert to indicate that no markups have been generated.

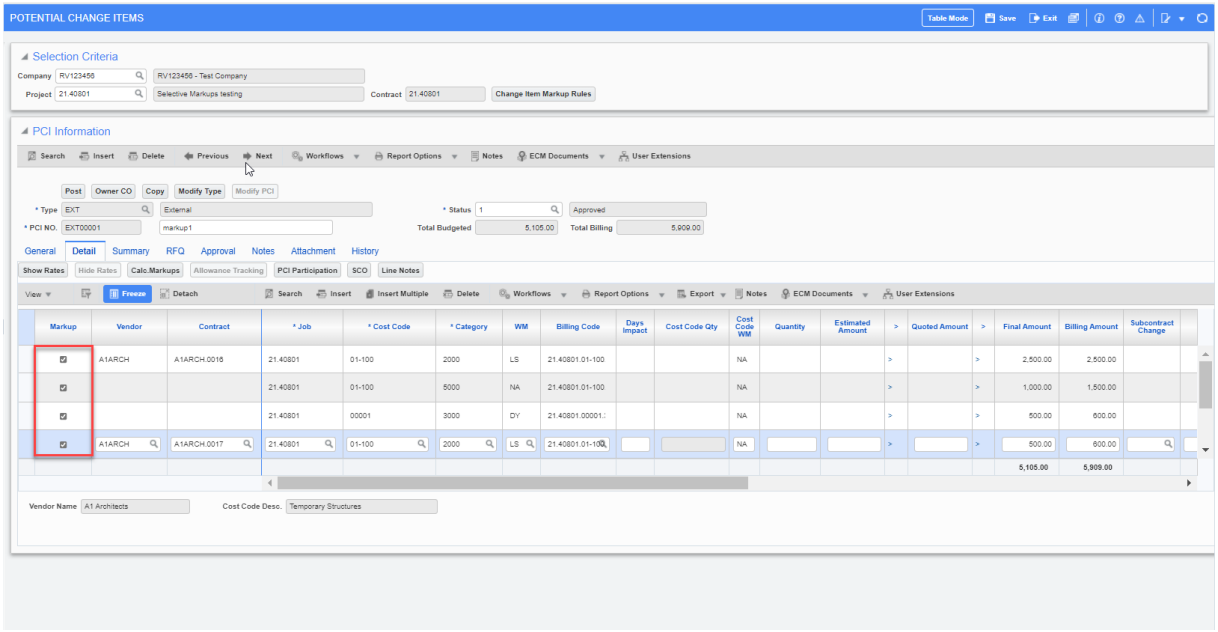


Security:

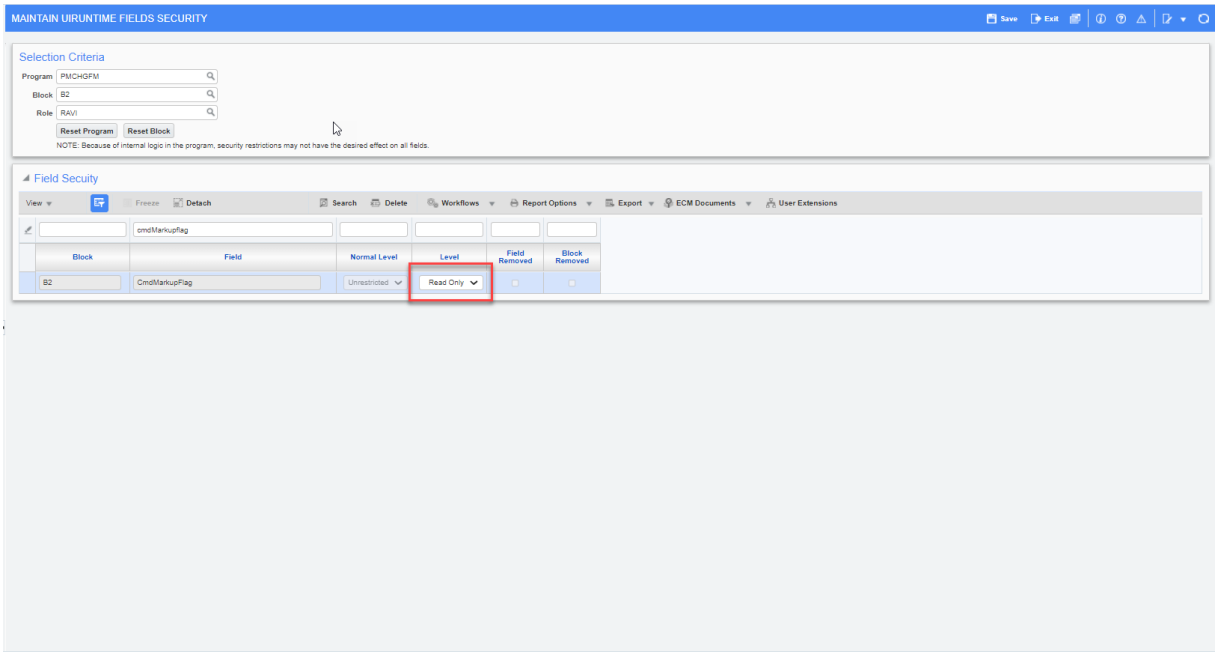
Standard Security has been implemented to control the column with the following options: Unrestricted, Read Only, Hidden

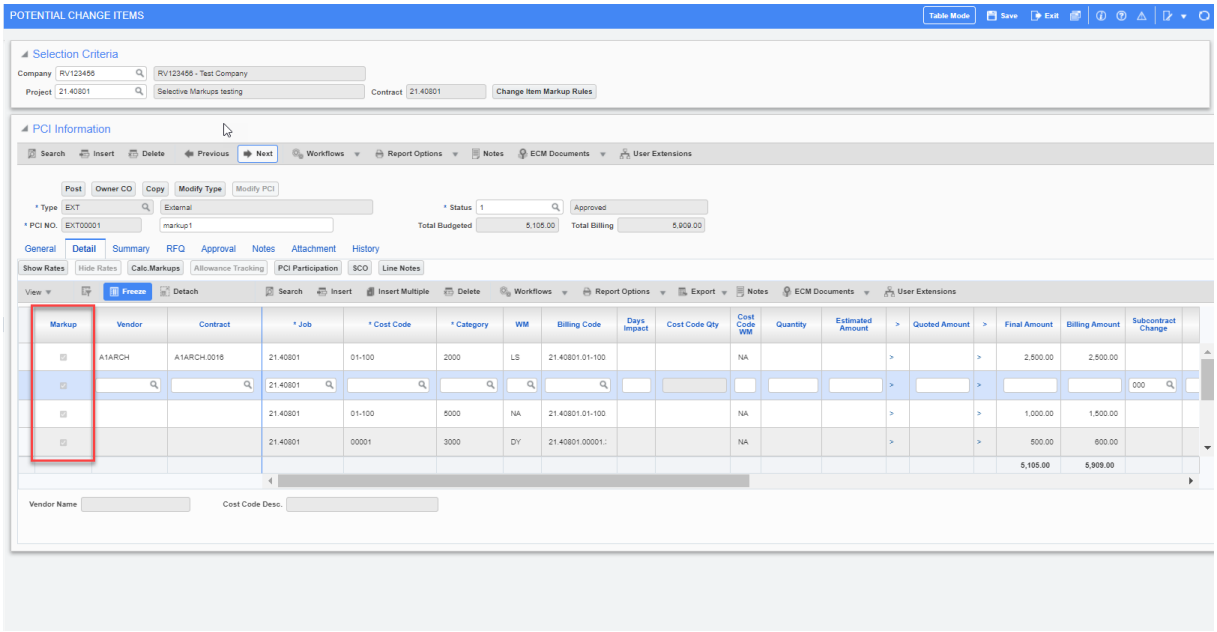
Unrestricted: Markup flag is shown on Potential Change Items screen and user can check/uncheck the flag to calculate/remove the markups for the PCI lines.



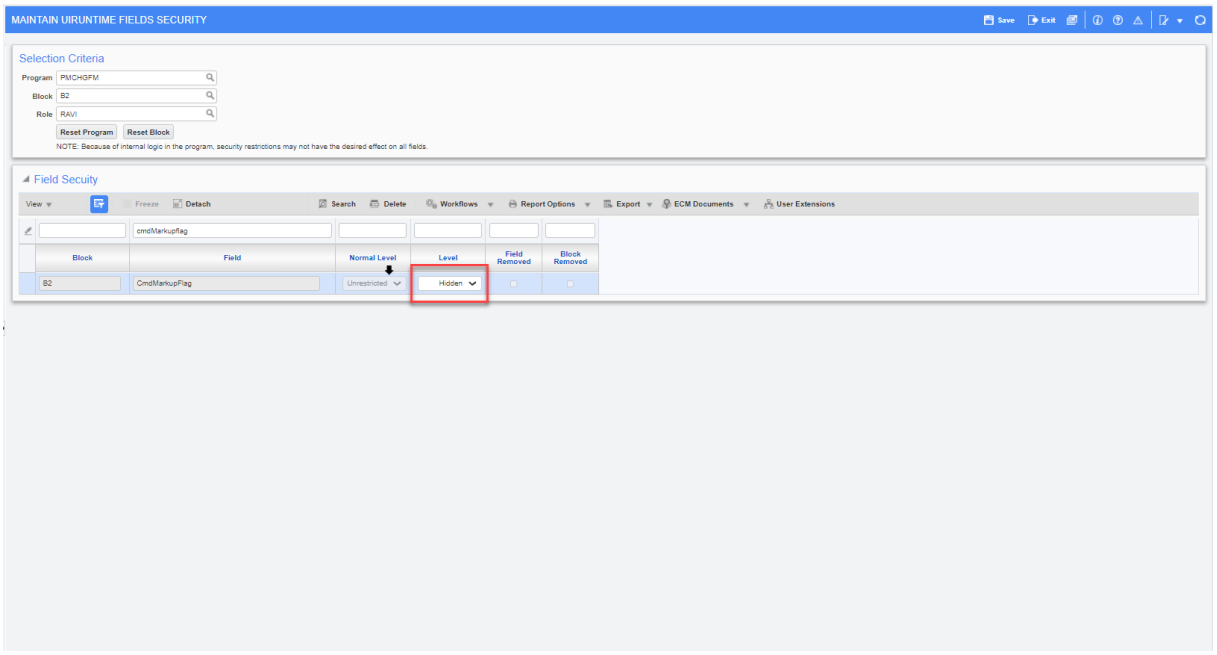


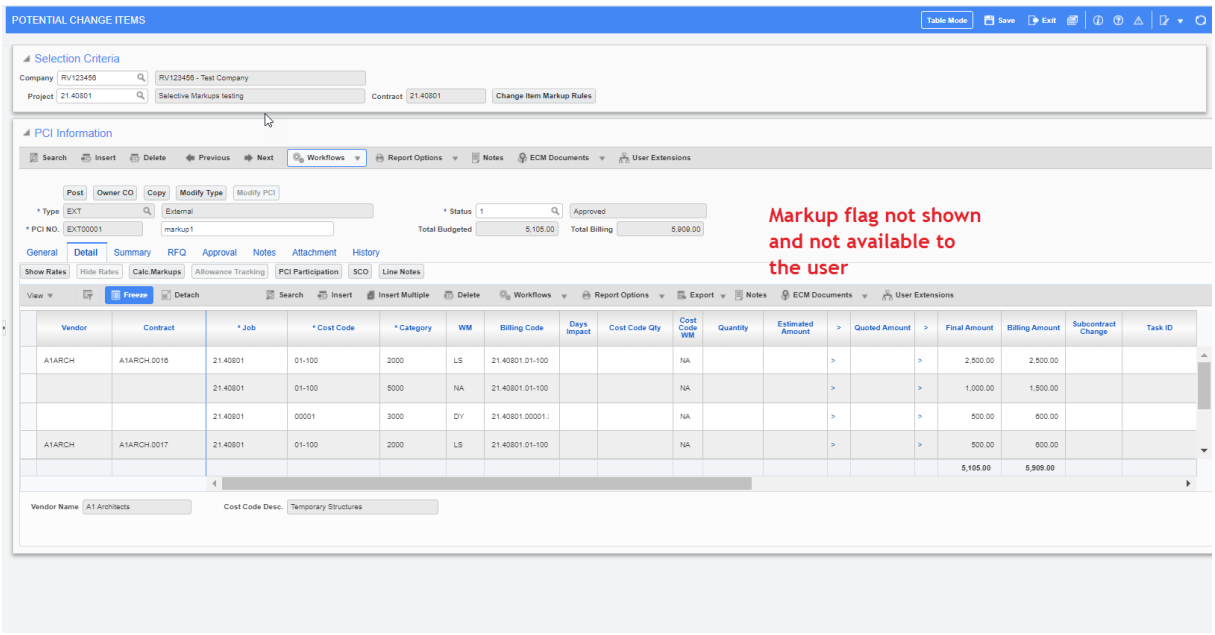
Read only: Markup Flag is shown on Potential Change Items screen, but user cannot edit(uncheck/check) the flag.





Hidden: Markup flag is not visible on the screen, and it is not available to the user





New ‘Year’ Field Added so that Latest AIA Report Version is Printed (21.46274)

New year field added to JB Control so that latest version of AIA G701 (PMG701) report prints.

Modifications:

New field 'Year' is added on Invoice tab in JB Control.

The AIA related fields need to be grouped under 'AIA' section on Invoice tab of JB Control program.

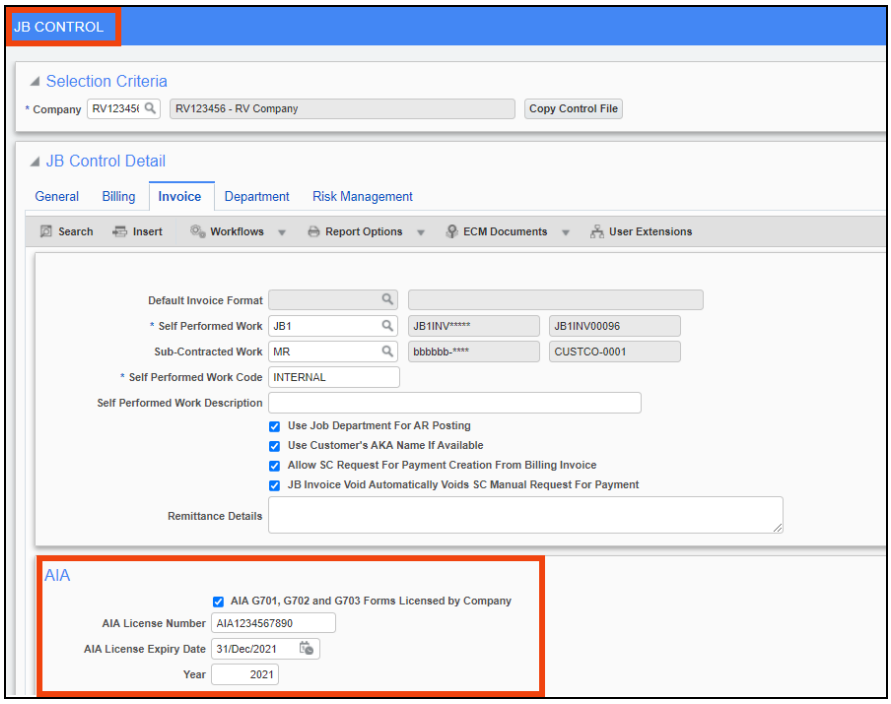
Changed the prompt of AIA License Flag from 'AIA G702 and G703 Forms Licensed by Company' to read as 'AIA G701, G702 and G703 Forms Licensed by Company'.

When AIA License Flag is unchecked, the fields AIA License Number, AIA License Expiry Date and Year are cleared and disabled.

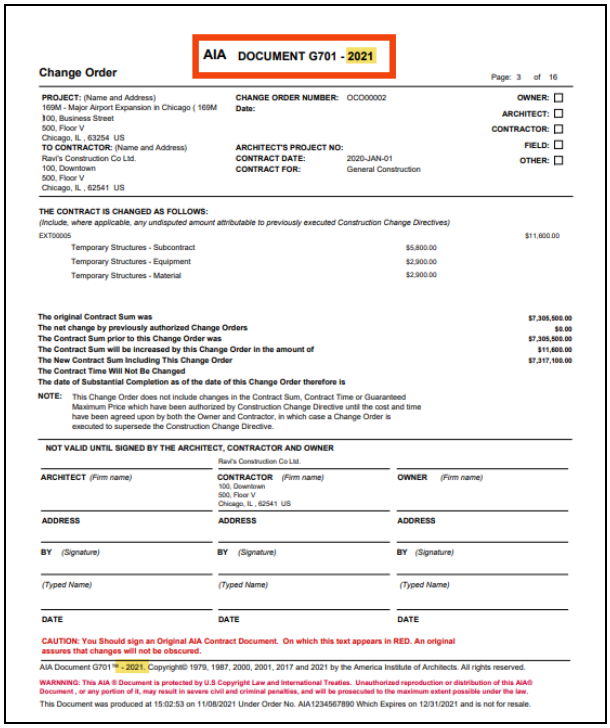
‘Year’ field is validated to be a positive number.

Set up and Printing:

In JB Control, Check the AIA Licence flag 'AIA G701, G702 and G703 Forms Licensed by Company'. Enter the AIA License Number, AIA License Expiry Date and Year of new version of G701 you want to print on the PMG701 report.



Print the Owner Change Order document (PMG701) report.


AIA DOCUMENT G701 - 2021

Change Order

Page: 3 of 16

PROJECT: (Name and Address)
169M - Major Airport Expansion in Chicago (169M
100, Business Street
500, Floor V
Chicago, IL , 63254 US

TO CONTRACTOR: (Name and Address)
Ravi's Construction Co Ltd.
100, Downtown
500, Floor V
Chicago, IL , 62541 US

CHANGE ORDER NUMBER: OCO00002
Date:

ARCHITECT'S PROJECT NO:
CONTRACT DATE: 2020-JAN-01
CONTRACT FOR: General Construction

OWNER:
ARCHITECT:
CONTRACTOR:
FIELD:
OTHER:

THE CONTRACT IS CHANGED AS FOLLOWS:
(Include, where applicable, any undisputed amount attributable to previously executed Construction Change Directives)

EXT00005 $11,600.00
Temporary Structures - Subcontract $5,800.00
Temporary Structures - Equipment $2,900.00
Temporary Structures - Material $2,900.00

The original Contract Sum was $7,305,500.00
The net change by previously authorized Change Orders $0.00
The Contract Sum prior to this Change Order was $7,305,500.00
The Contract Sum will be increased by this Change Order in the amount of $11,600.00
The New Contract Sum Including This Change Order $7,317,100.00
The Contract Time Will Not Be Changed
The date of Substantial Completion as of the date of this Change Order therefore is

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

ARCHITECT (Firm name)	CONTRACTOR (Firm name)	OWNER (Firm name)
	Ravi's Construction Co Ltd. 100, Downtown 500, Floor V Chicago, IL , 62541 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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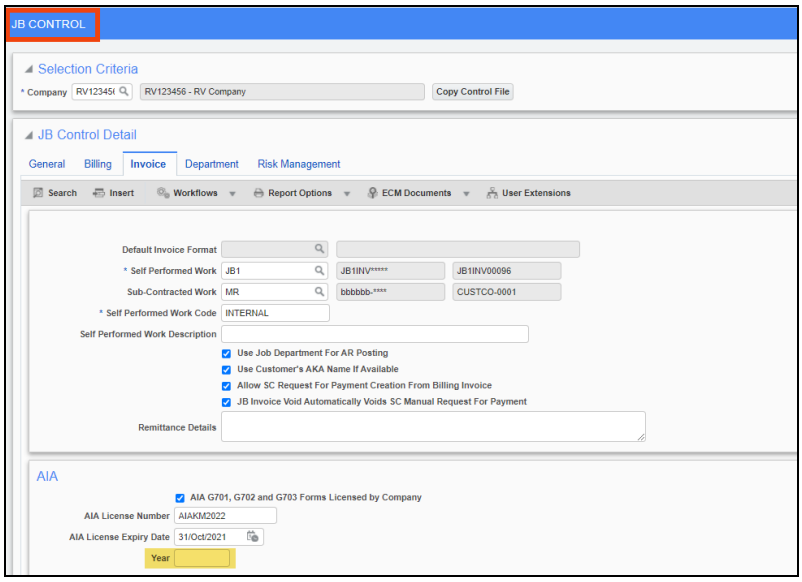
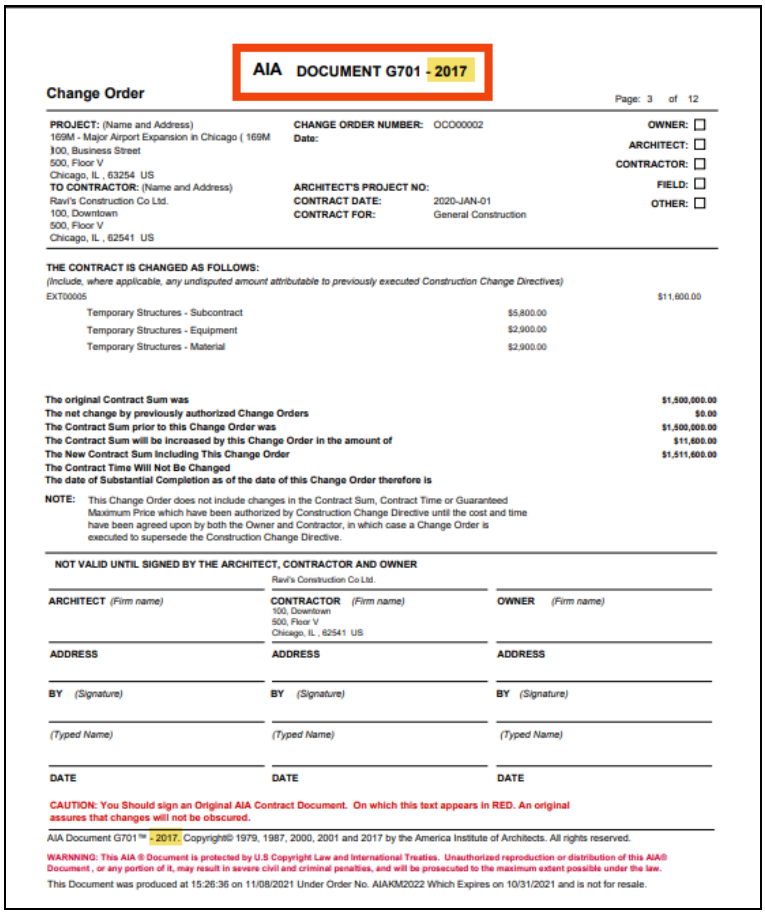
This Document was produced at 15:02:53 on 11/08/2021 Under Order No. AIA1234567890 Which Expires on 12/31/2021 and is not for resale.

When the year field is left blank in JB Control, then the document would print **2017** which is the current date of the official AIA G701.



Print the Owner Change Order document (PMG701) report.



AIA DOCUMENT G701 - 2017

Change Order

Page: 3 of 12

PROJECT: (Name and Address)
169M - Major Airport Expansion in Chicago (169M
100, Business Street
500, Floor V
Chicago, IL , 63254 US

TO CONTRACTOR: (Name and Address)
Ravi's Construction Co Ltd.
100, Downtown
500, Floor V
Chicago, IL , 62541 US

CHANGE ORDER NUMBER: OCO00002
Date:

ARCHITECT'S PROJECT NO:
CONTRACT DATE: 2020-JAN-01
CONTRACT FOR: General Construction

OWNER: ☐
ARCHITECT: ☐
CONTRACTOR: ☐
FIELD: ☐
OTHER: ☐

THE CONTRACT IS CHANGED AS FOLLOWS:
(Include, where applicable, any undisputed amount attributable to previously executed Construction Change Directives)

EXT00005		$11,600.00
Temporary Structures - Subcontract	$5,800.00	
Temporary Structures - Equipment	$2,900.00	
Temporary Structures - Material	$2,900.00	

The original Contract Sum was	**$1,500,000.00**
The net change by previously authorized Change Orders	**$0.00**
The Contract Sum prior to this Change Order was	**$1,500,000.00**
The Contract Sum will be increased by this Change Order in the amount of	**$11,600.00**
The New Contract Sum Including This Change Order	**$1,511,600.00**
The Contract Time Will Not Be Changed	
The date of Substantial Completion as of the date of this Change Order therefore is	

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

ARCHITECT *(Firm name)*	**CONTRACTOR** *(Firm name)*	**OWNER** *(Firm name)*
	Ravi's Construction Co Ltd. 100, Downtown 500, Floor V Chicago, IL , 62541 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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Enhancement Request-For Markups (21.42130)

Overview:

CMiC has added the ability for PCI Markup amounts to round to the nearest thousands and hundreds of thousands.

Modifications:

The program has been modified so that the 'Maintain PCI Markup Rules' screen will now include the following Rounding rule/options while setting up the markup rule

No Rounding

Round to Nearest .01

Round to Nearest 1

Round to Nearest 10

Round to Nearest 100

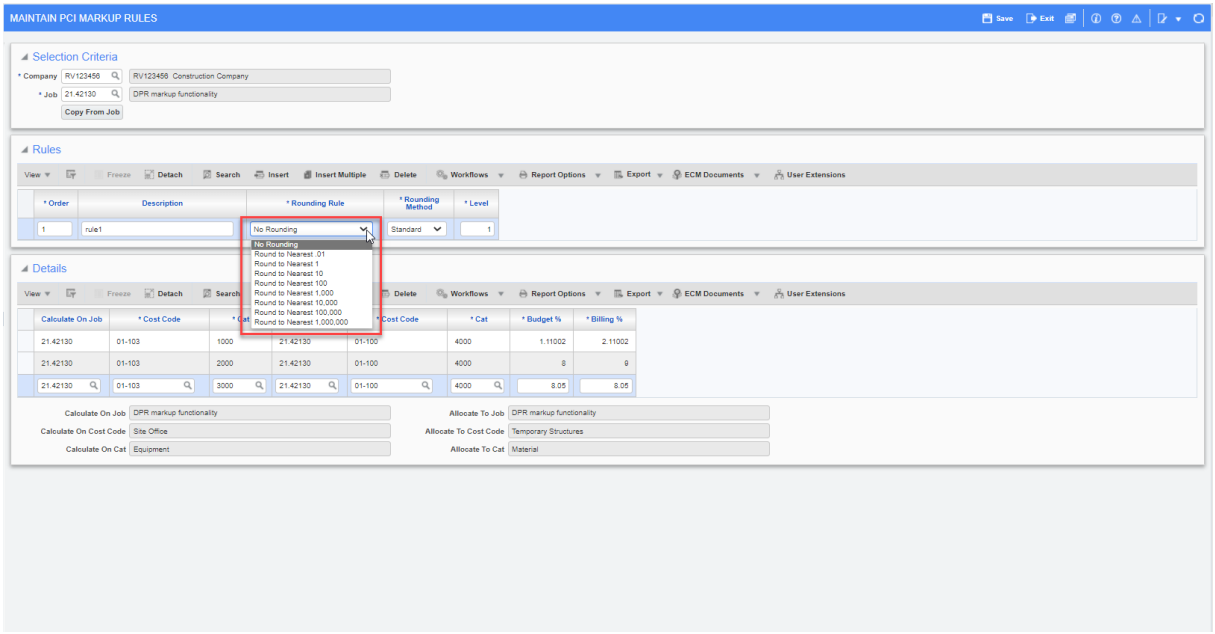
Round to Nearest 1,000

Round to Nearest 10,000

Round to Nearest 100,000

Round to Nearest 1,000,000

Screenshots:



Example 1:

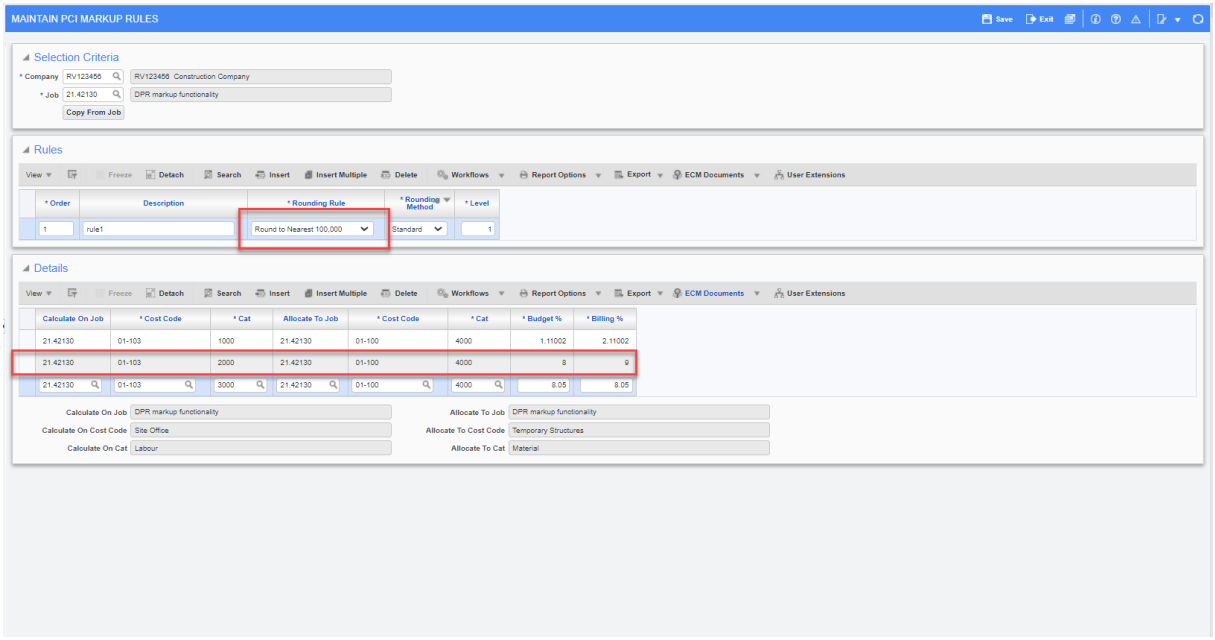
PCI Amount: 3,000,000

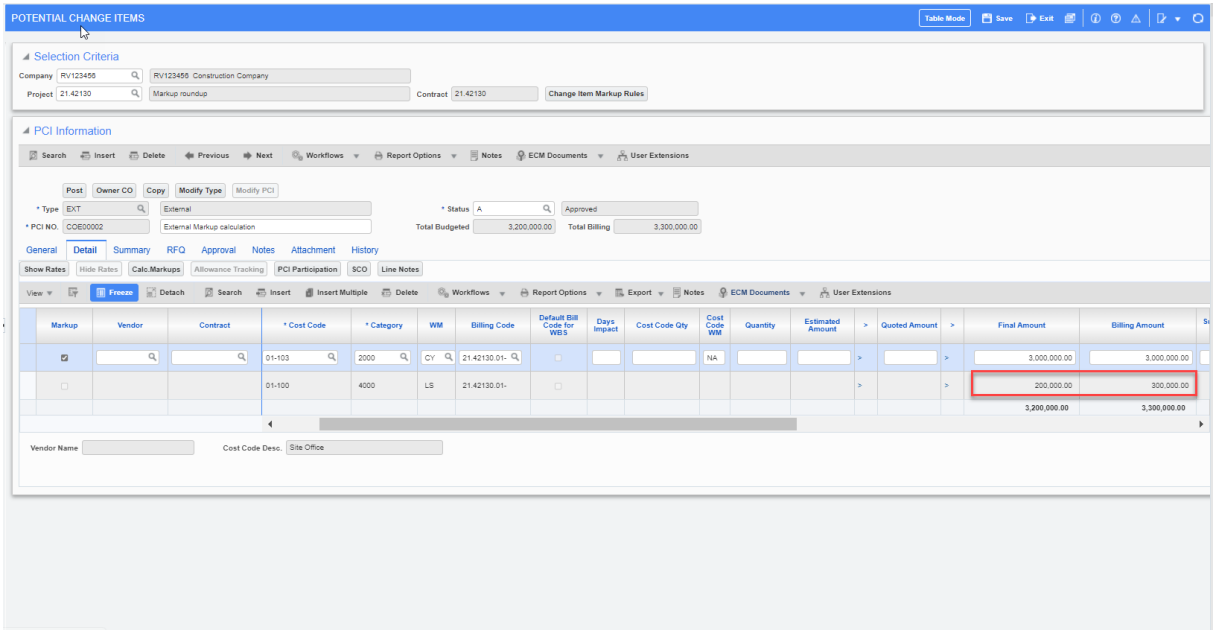
Markup Rounding Rule: *Round to Nearest 100,000 (hundreds of thousands)*

Markup Rule: 8%

Markup Amount with No Rounding:240,000

Markup Amount with Rounding Applied:200,000





Example 2

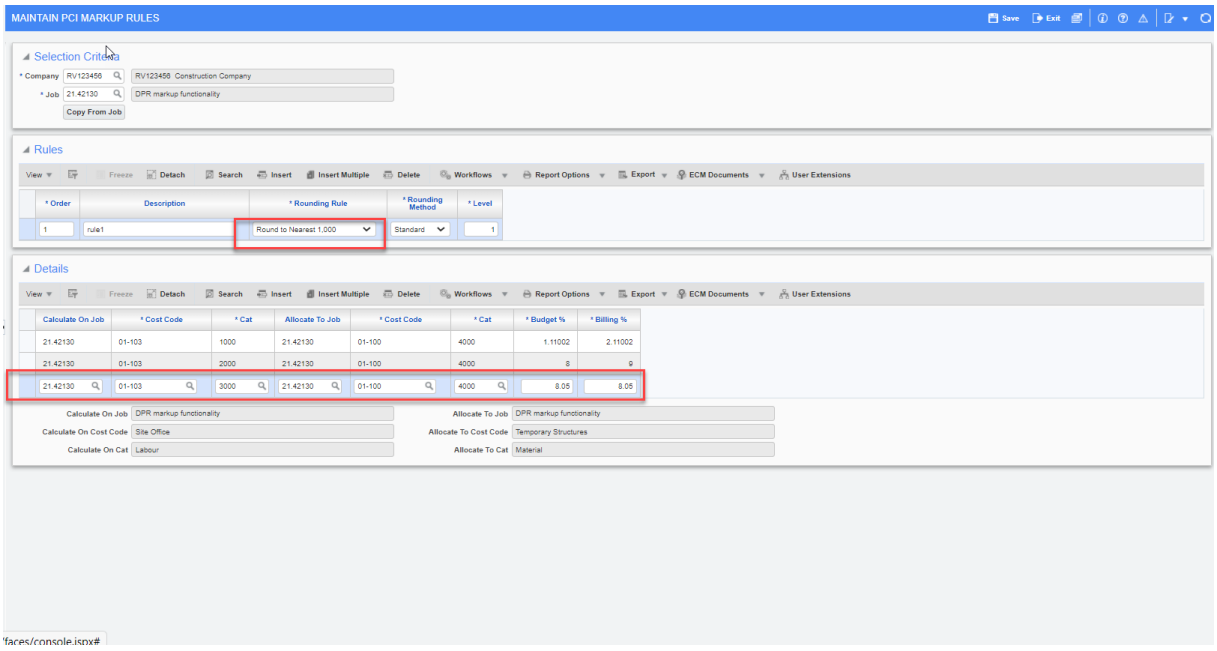
PCI Amount: 3,000,000

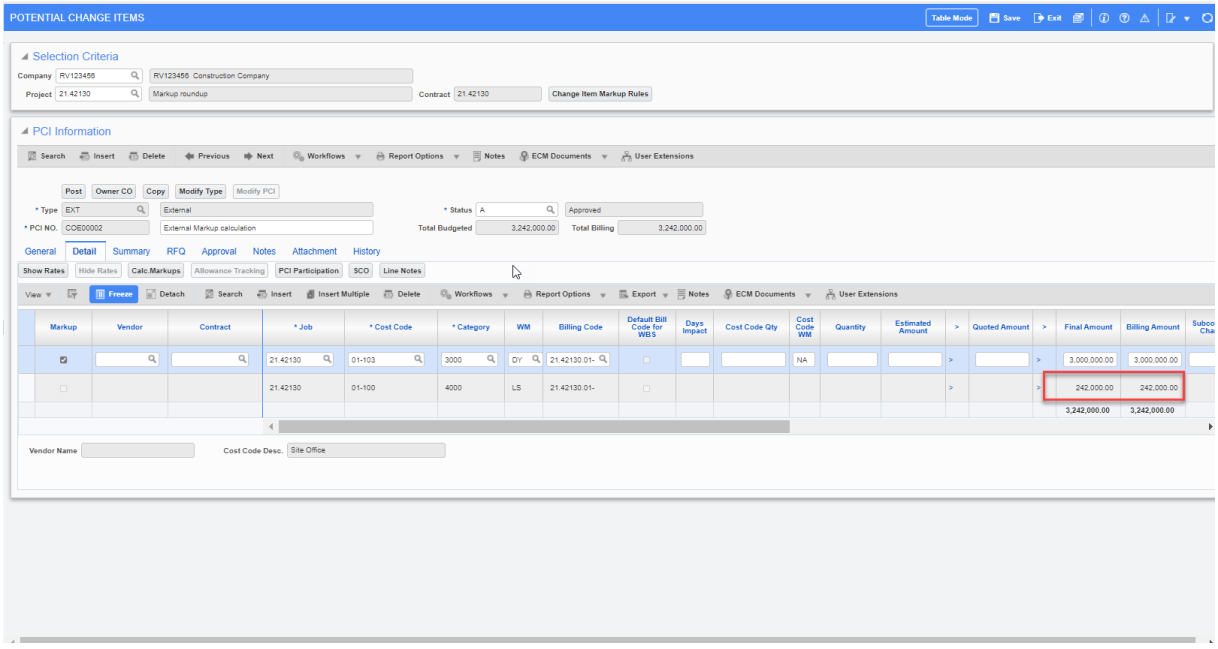
Markup Rounding Rule: Round to Nearest 1,000 (thousands)

Markup Rule: 8.05%

Markup Amount with No Rounding: 241,500

Markup Amount with Rounding Applied: 242,000





New Flag ‘Allow Cost’ is added to the PCI header in PCI Entry screen (21.38030)-Beta version released

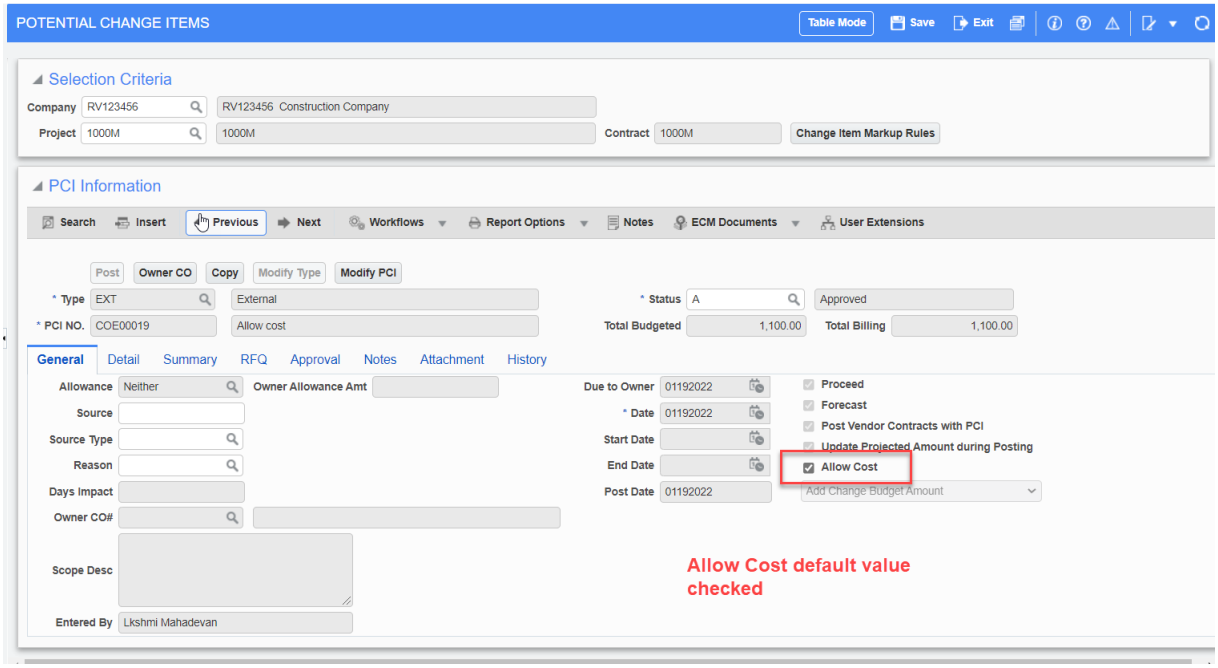
Overview:

A new flag ‘Allow Cost’ is added to the PCI header in PCI Entry screen.

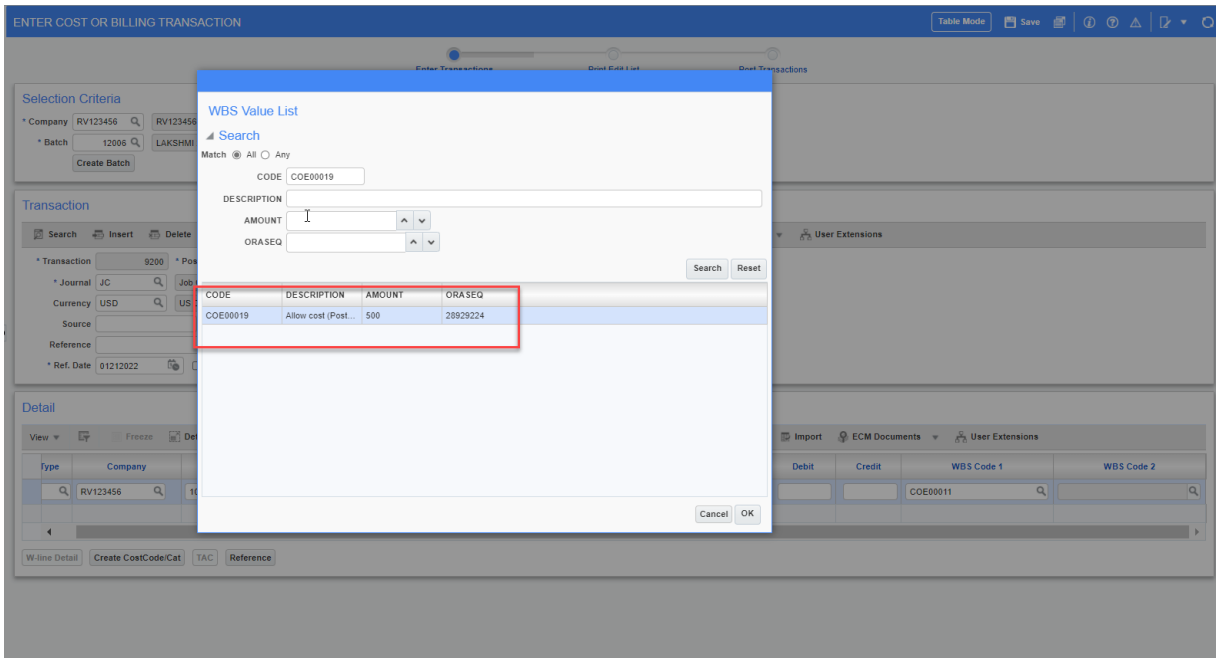
Modifications:

The new flag ‘Allow Cost’ is added to header in the general tab on PCI Entry screen. The default value for Allow Cost=Y. This new flag is editable for the unposted and posted PCIs. When unchecked the PCI does not appear for selection in cost transaction screens, MCT, Crew timesheets, Imaging.

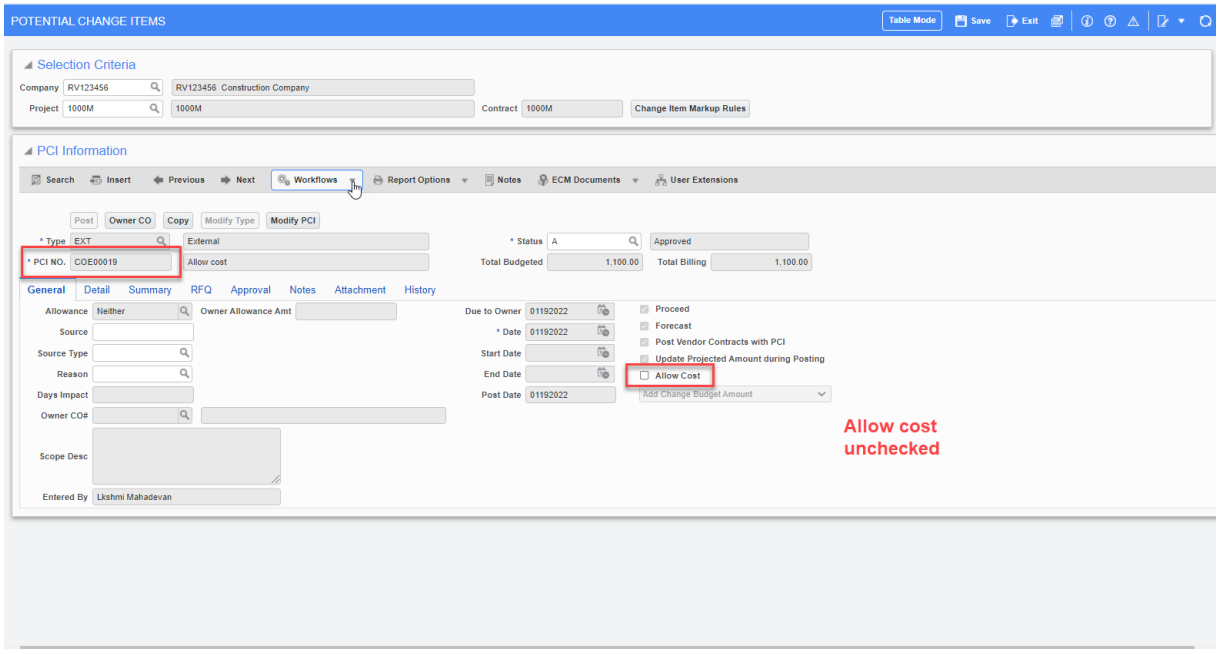
Screenshots:

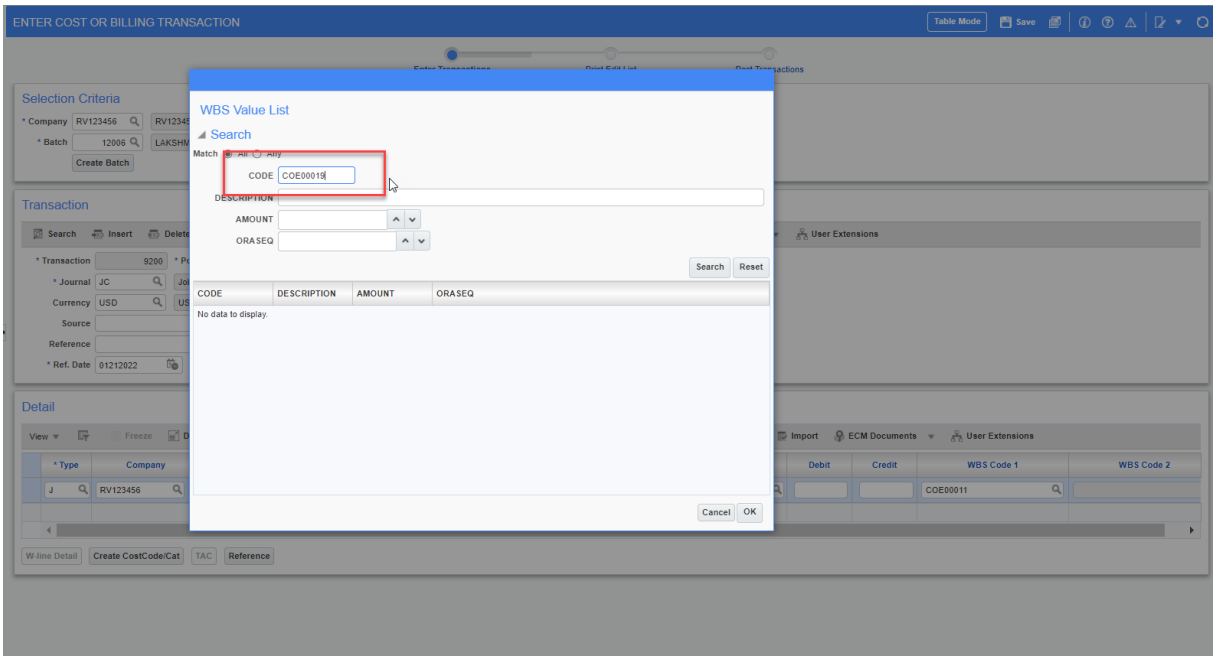


When Allow cost is checked for a PCI, the PCI is available for selection in the cost transaction entry screen.



When Allow cost flag is not checked for a PCI, the PCI is not available for selection in the cost transaction entry screen.





Note that changes has been made only to ADF and CMIC Field changes are under development.

CMiC Field

Cost/Budget Status Query UD Logs – Temp Table Population

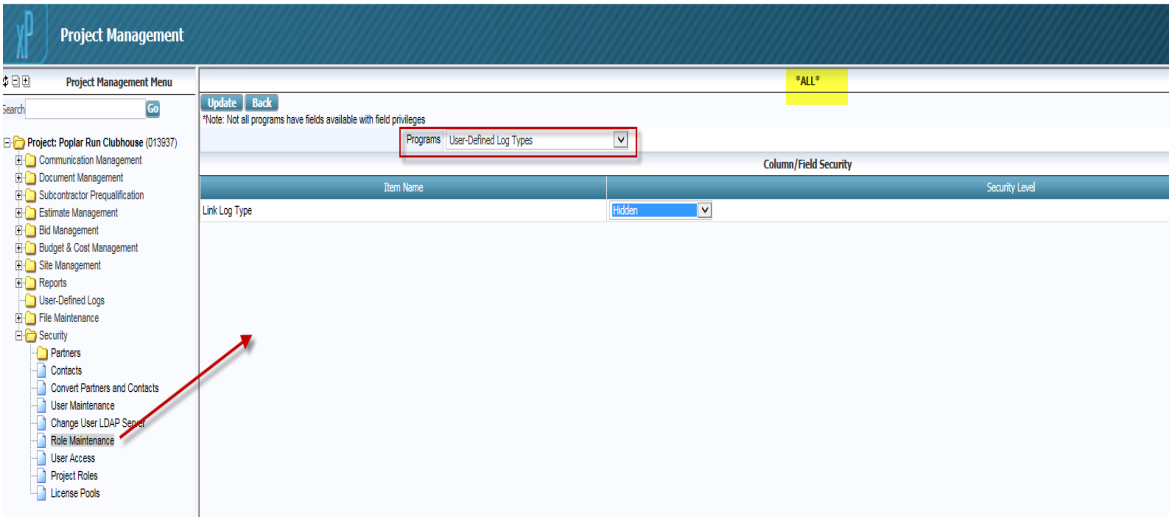
(15.06485)

BACKGROUND

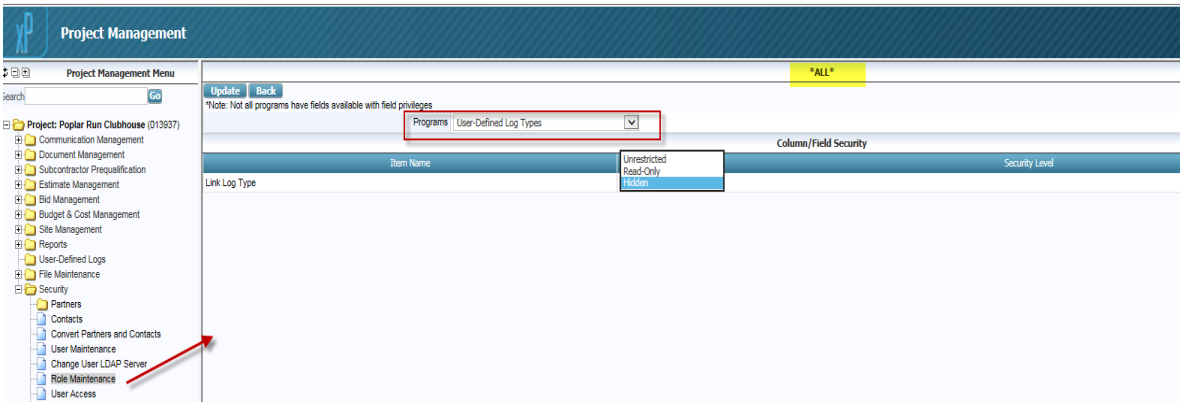
Prior to the changes below, user-defined logs created off the Cost Status Query log types did not show any data because the temporary table that is used for populating the Cost Status Query did not also populate data for related user-defined logs. The changes under this work order are programmed to rectify this problem by populating the temporary table with data for the user-defined logs.

SUMMARY OF CHANGES

Created the field ‘Link Log Type’ on the User Defined Log Type screen. This field has default field security set to `HIDDEN` on the *ALL* role:



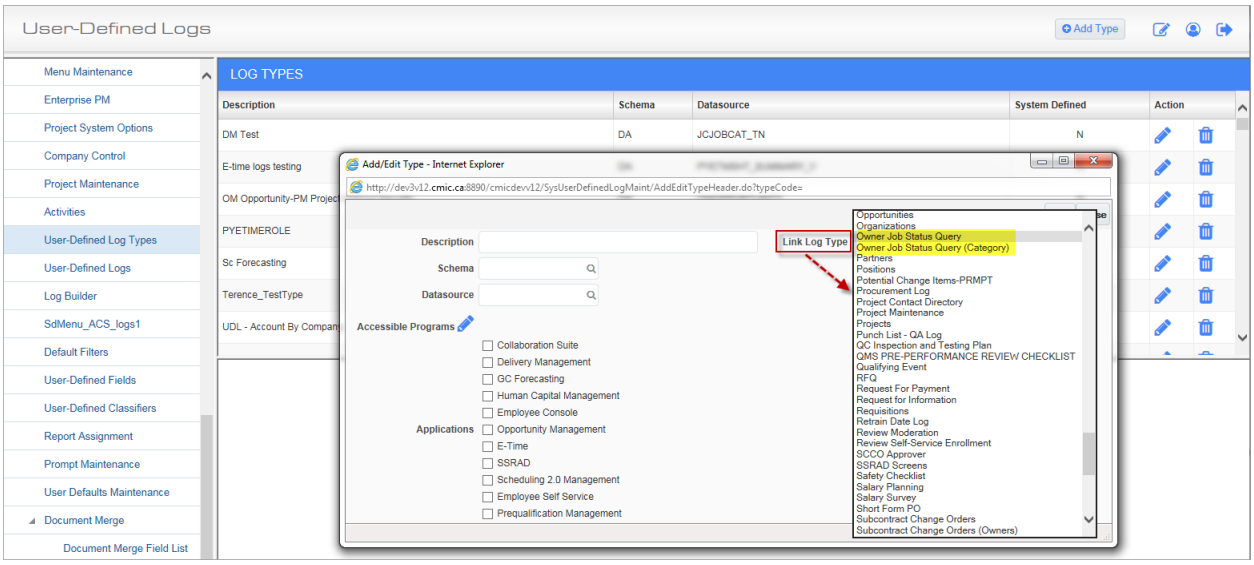
The possible setting is Unrestricted/Read-only/Hidden:



When set to Unrestricted, the User Defined Log Types screen has the 'Link Log Type' field displayed.

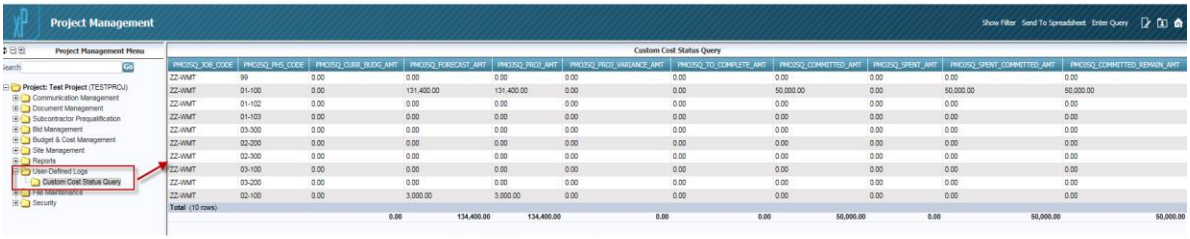
Clicking on the drop-down arrow will display the list of system log types that this log type can be linked with.

NOTE: As of now changes have only been made for Cost and Budget Status Query logs.



Once the link is established, user-defined logs created for the Owner Job Status Query and linked to log type Owner Job Status Query or Owner Job Status Query (Category), will display the temporary table data.

Example:



Request for Payment – SOV for Posted Record (15.04564)

Changes have been made so that the SOV section of posted RFP screen shows the Completed Amount **to date** according to the chronology of the posted vouchers for the same contract (unposted RFP screen remains unchanged). For example,

Voucher 1 for Contract A

Current Amount = 4000.00

Completed Amount = 4000.00

Voucher 2 for Contract A

Current Amount = 1784.15

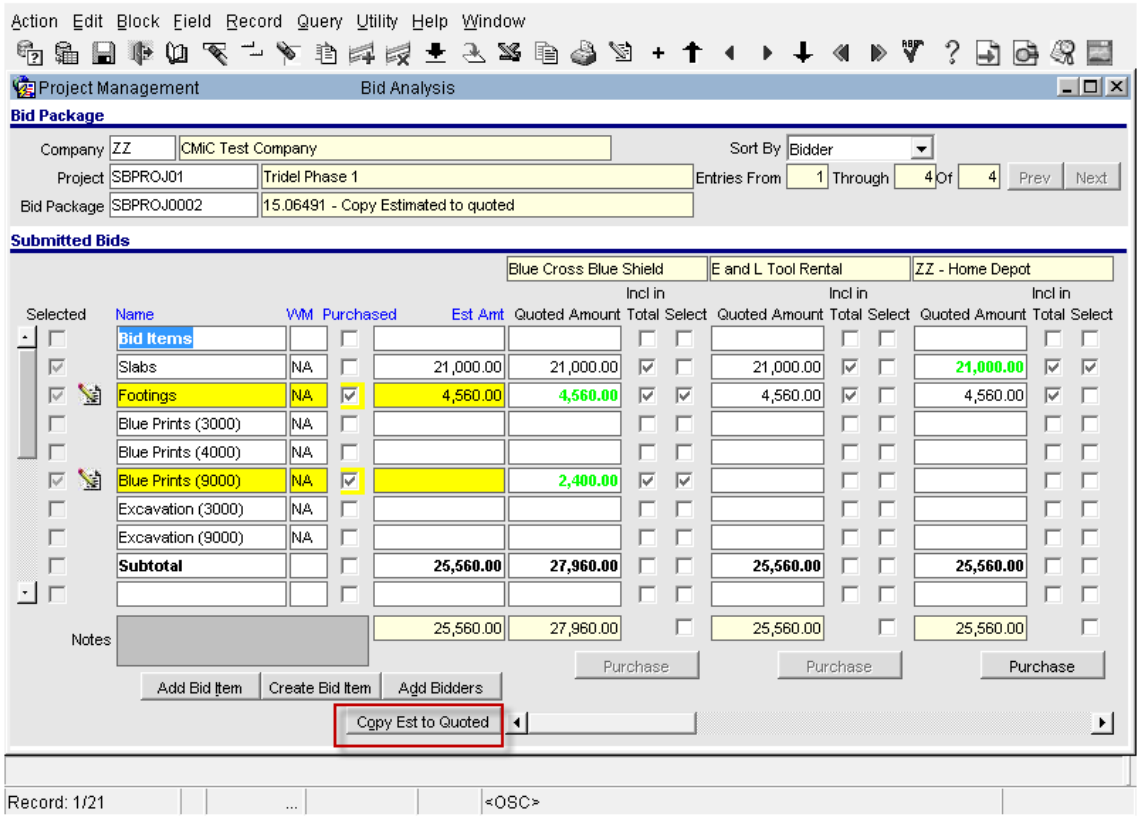
Completed Amount = 5784.15

Voucher 3 for Contract A

Current Amount = 5410.00

Completed Amount = 11194.15

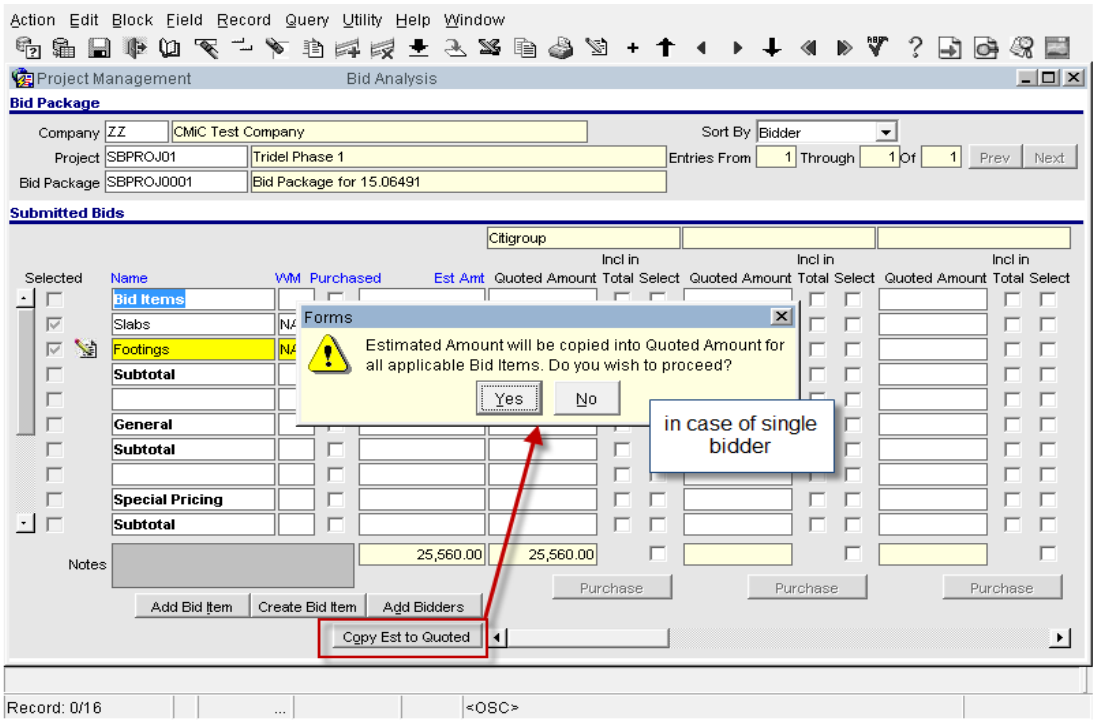
Analyze Bids – Copy Estimated to Quoted Amount (15.06491)



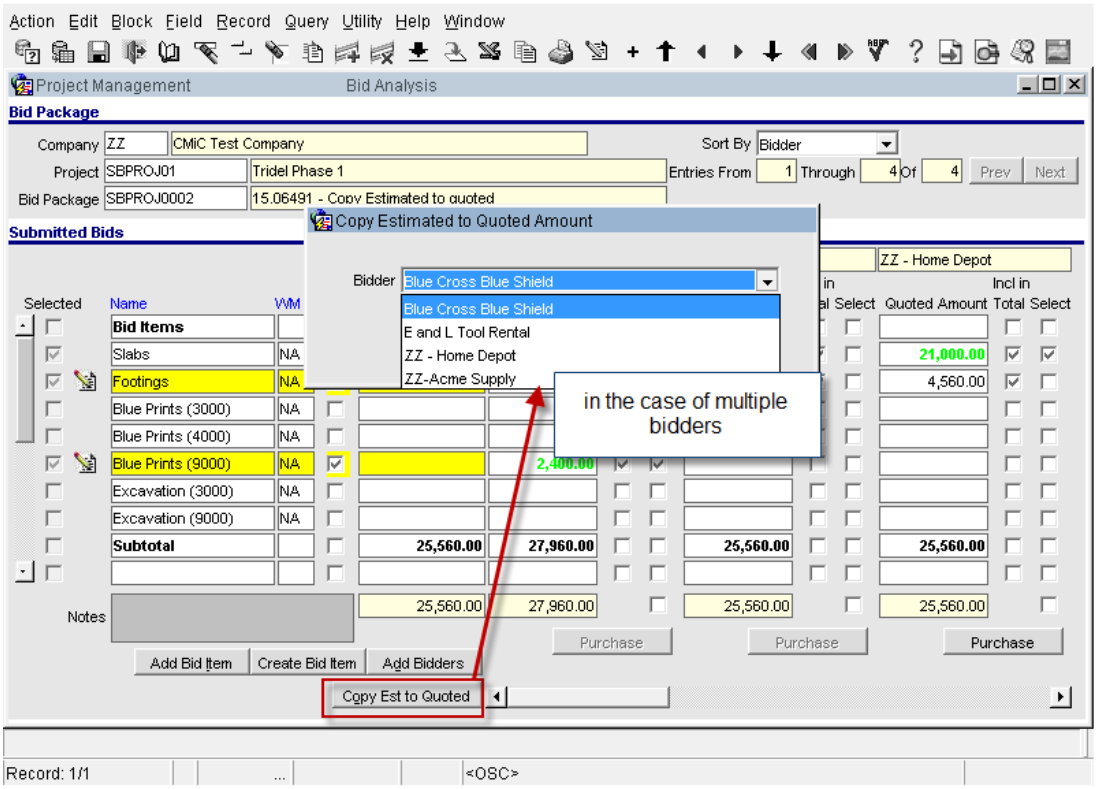
Added the **[Copy Est to Quoted]** button to the Analyze Bids FORM. When this button is clicked it will allow the user to select the bidder under which to copy the Estimated Amount to the Quoted Amount for applicable bid items. If a value already exists in the Quoted Amount field, it will not be overwritten.

A different popup window is displayed when there is a single bidder versus multiple bidders in the bid package:

Single Bidder:



Multiple Bidders:



Sort Order for SOV in Subcontract, Change Order, RFP and Flysheet (15.04863)

A Sort Order field will now appear on Subcontract, Subcontract Change Order, Request for Payment and in the Imaging Flysheet detail section. The field is numeric and auto-generated, but can be over-written in un-posted /posted SC/SCCO. There is no validation for this new field.

The Sort Order field is controlled by a flag on the Subcontract Control File (ADF). When this flag is checked it will take precedence over the sort order of the SOV lines in all the above-mentioned applications.

Bcc added to Communication, Issue, RFI, Submittal (15.05536)

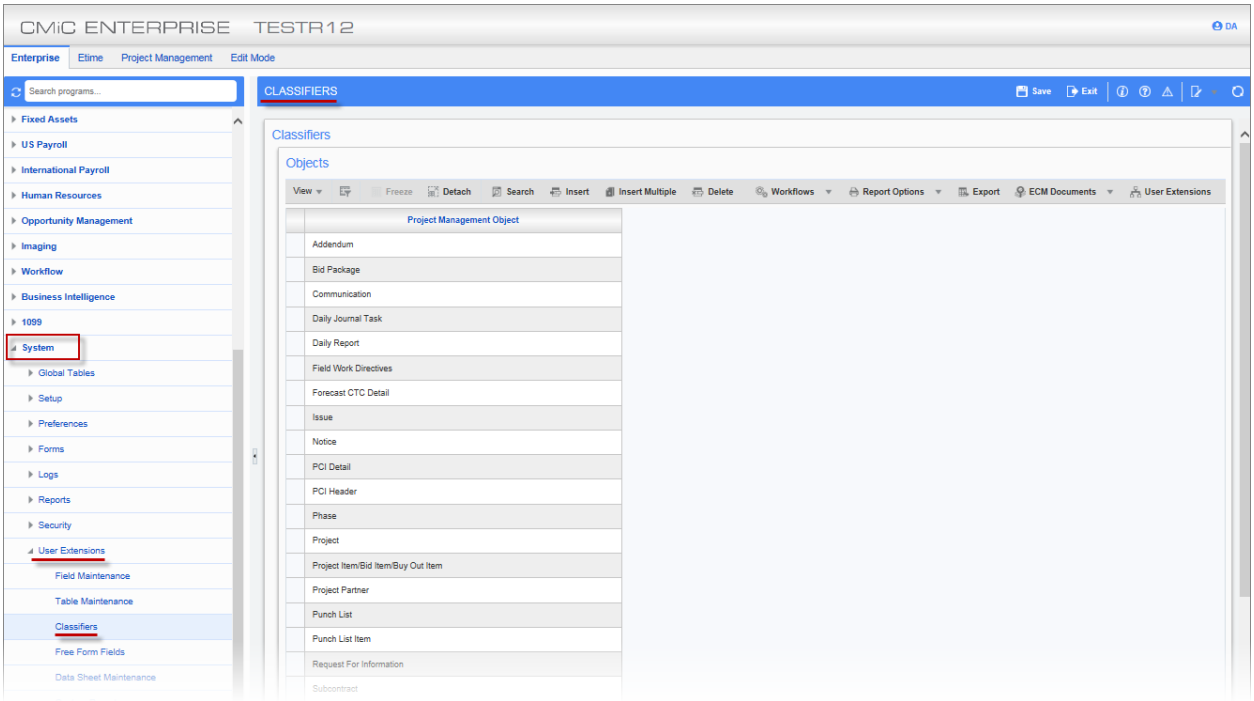
The **[Bcc]** button has been added to Communication, Issue, RFI and Submittal screens. Field security can be applied to this button if desired.

Changes were applied to allow the users to add Bcc contacts and to send I/O Email to these contacts.

Six Classifiers for Subcontract SOV (15.05229)

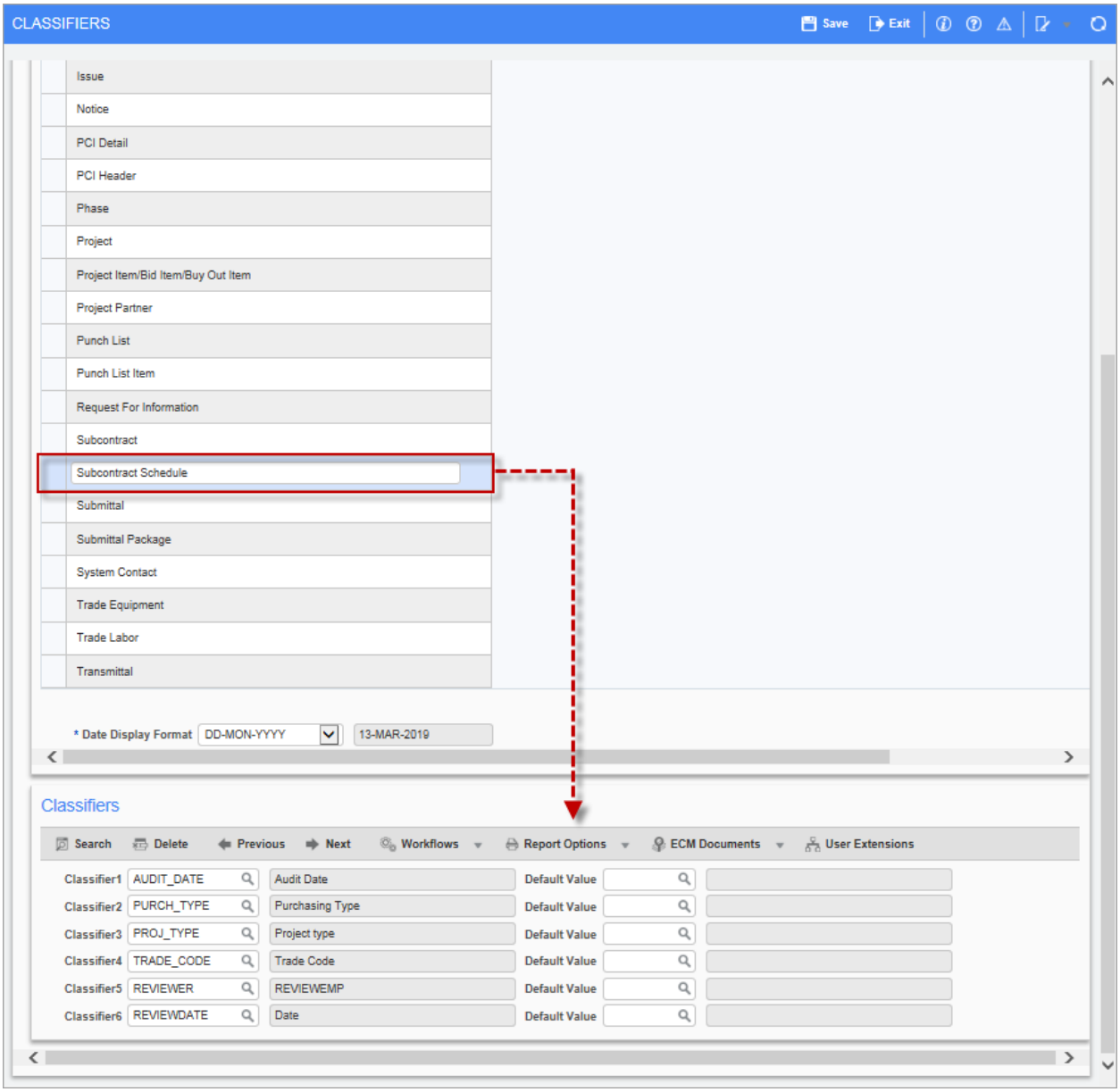
Added the ability to add 6 User Defined Classifiers to the Schedule of Values (SOV) of subcontracts.

This is achieved by accessing CMiC Enterprise (Forms) through the following paths:

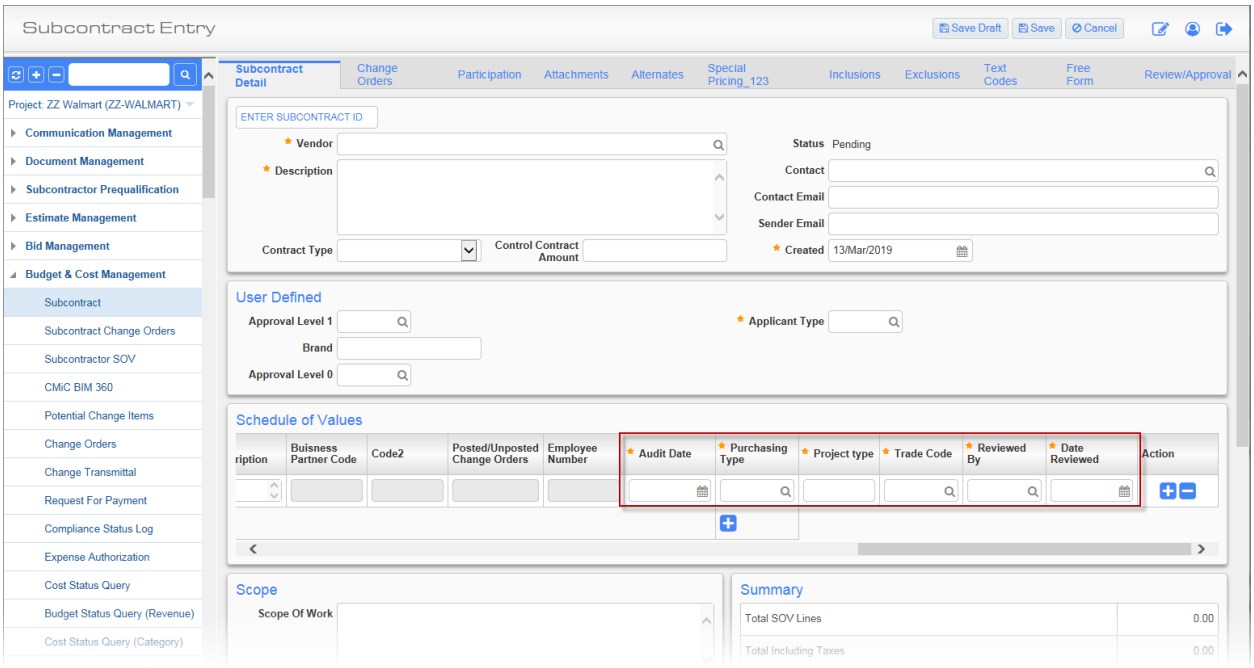


The object is '**Subcontract Schedule**'. Select the desired user-defined fields from the LOV of each classifier in the 'Classifiers' section of the screen and save the entries.

For example:

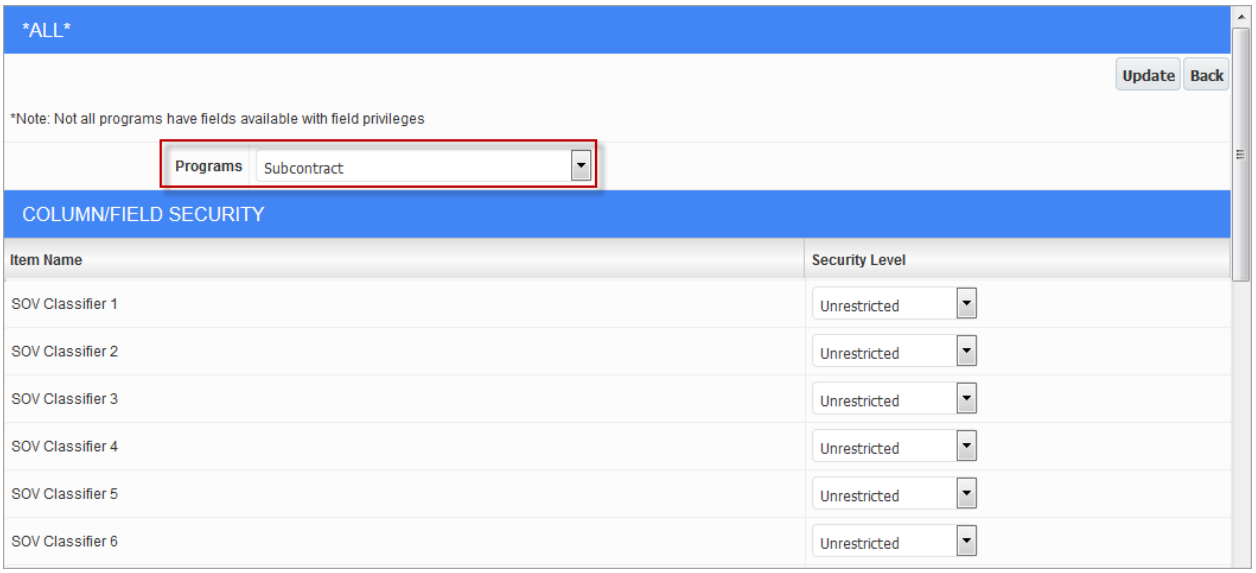


In PM JSP, when a subcontract is created, the schedule will show the classifiers that are in use:



Field Security

Field security can be applied to any or all of the six classifers if needed:



Possible setting is Unrestricted/Read-only/Hidden.

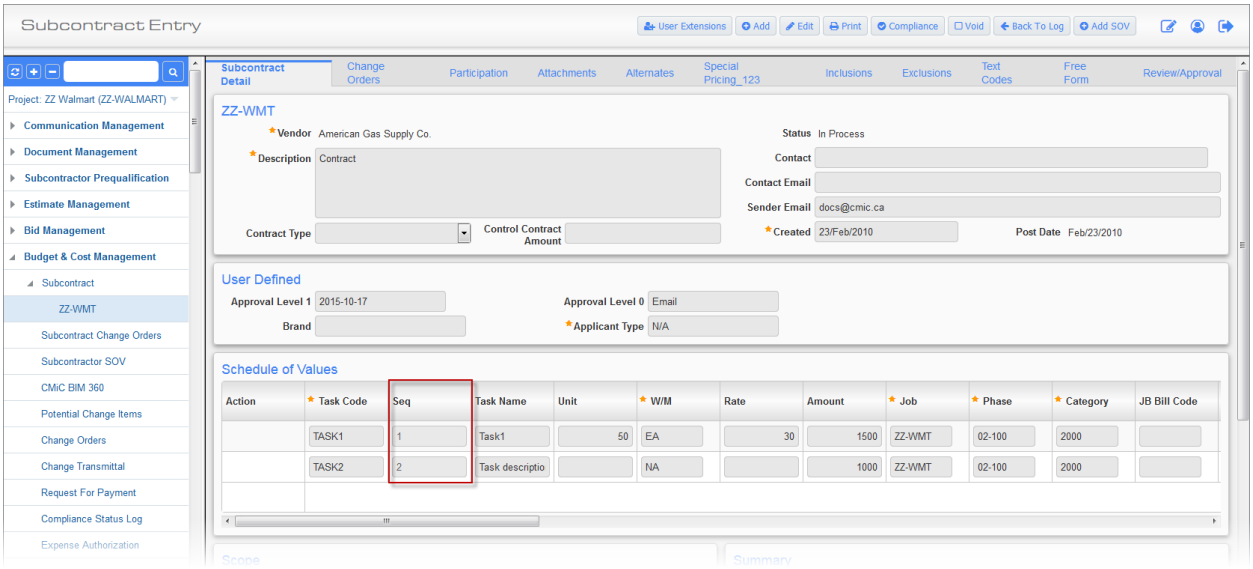
Subcontract Detail Sequence Number (15.05296)

A **Sequence** number field has been added to the subcontract detail section.

This sequence number is unique within a subcontract and begins at 1 for every contract and incrementing by 1 when additional detail lines are being added to that contract.

If a detail line is deleted, the sequence number for that line is not re-used.

The field is not editable.



Field Security

Field security can be applied to the sequence number if needed:

Possible setting is Unrestricted Read-only/Hidden.

Daily Journal – Labor tab Copy Previous Row (15.10940)

The changes of this work order include:

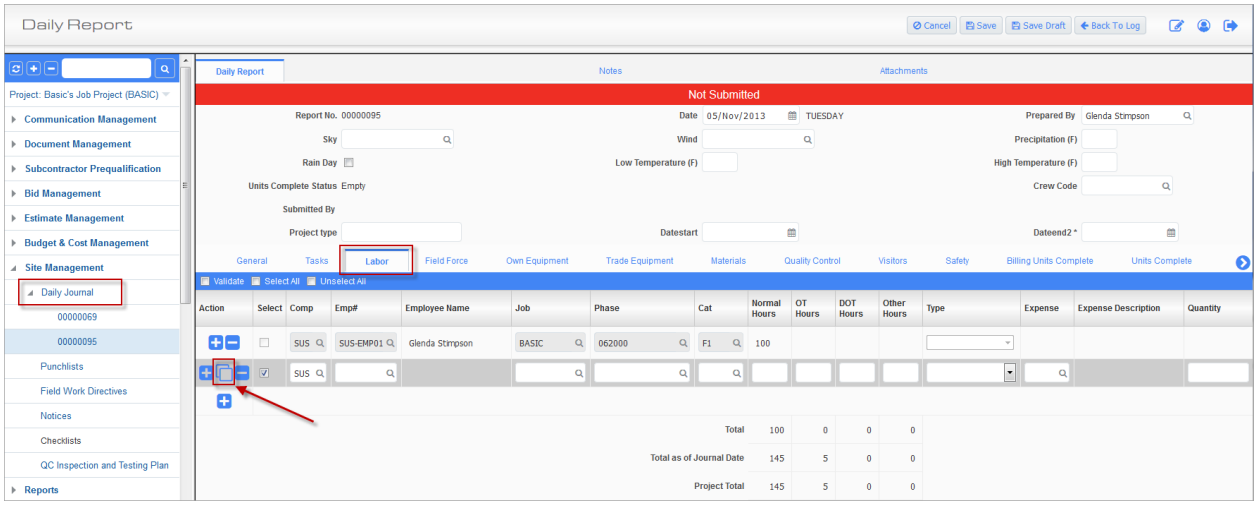
a) the addition of an icon to represent the ‘copy of the previous row’ action in the Labor tab of a Daily Journal record

b) the application of field security for this icon

a) Copy Previous Row

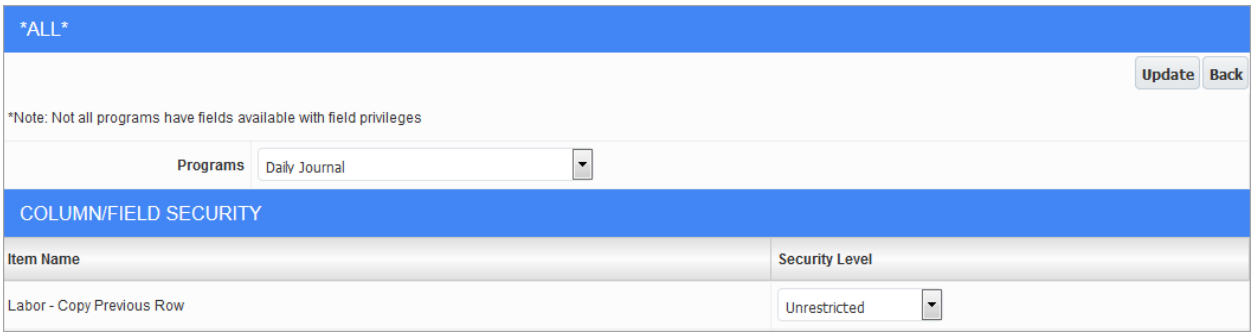
When the blue is clicked, a new row is opened above it and includes an additional action icon which represents the action ‘copy the contents of the previous row into this row’.

See the screenshot below:



b) Field Security

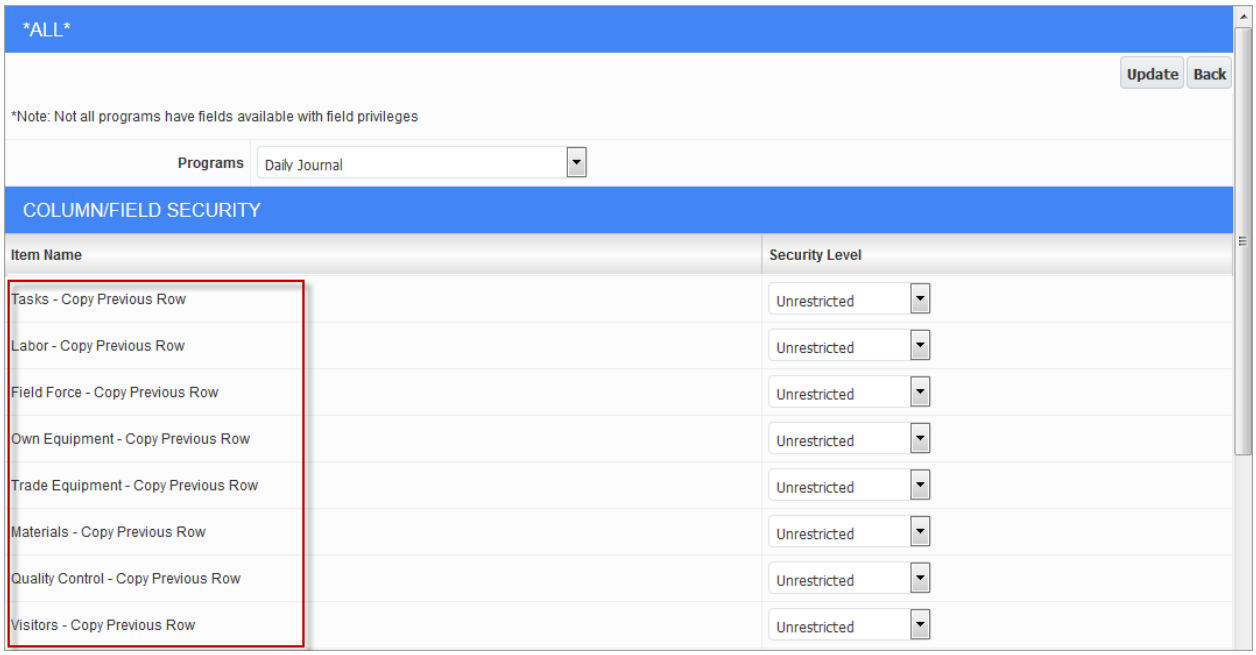
Field security can be applied to the Copy Previous Row icon if needed:



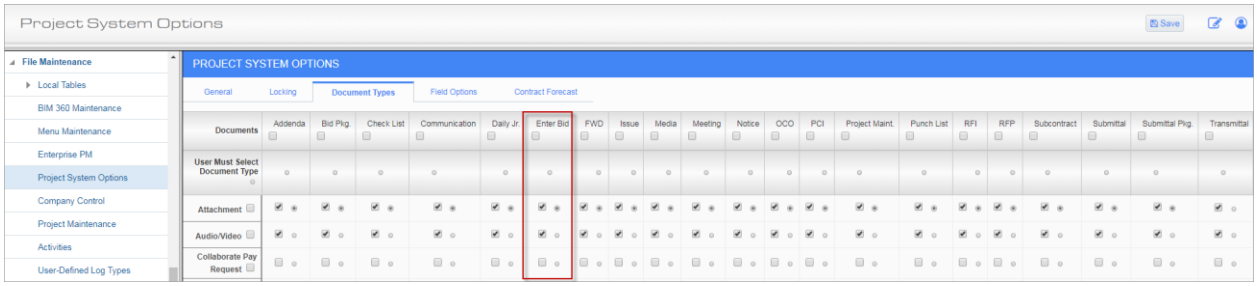
Possible setting is Unrestricted/Hidden. The default setting is 'Unrestricted'.

Update:

THE SAME APPLIES TO OTHER TABS – FIELD SECURITY ALSO AVAILABLE

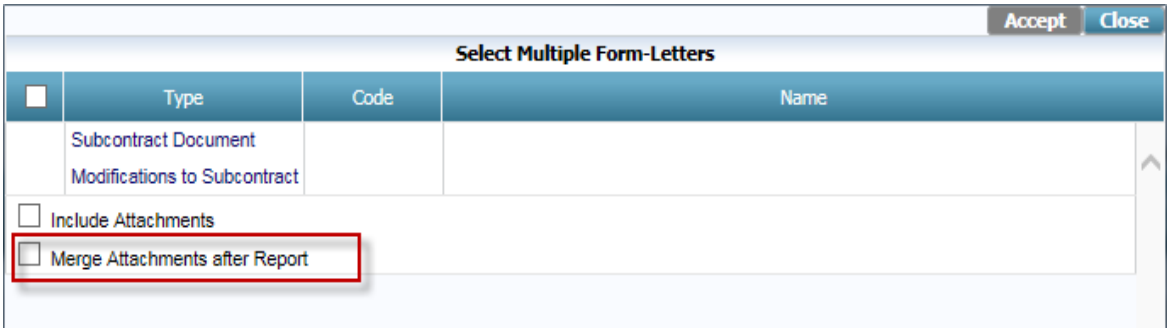


Enter Bid added to PM Systems Options – Document Types tab (15.08109)



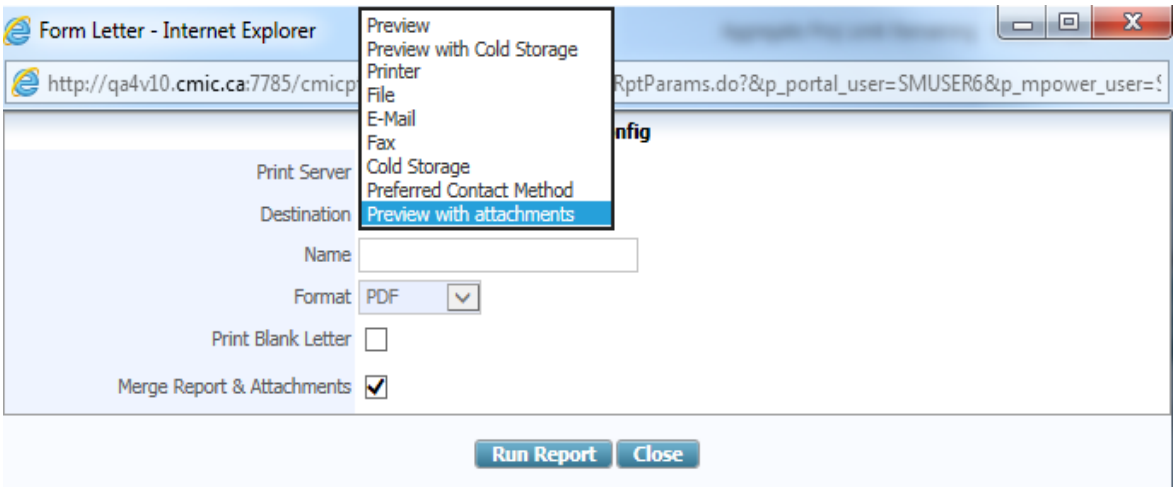
Added 'Enter Bid' as a valid entry on the Document Types tab in Project Systems Options.

Multiple Form Letter Print - Merge Attachments after Report (14.87559)

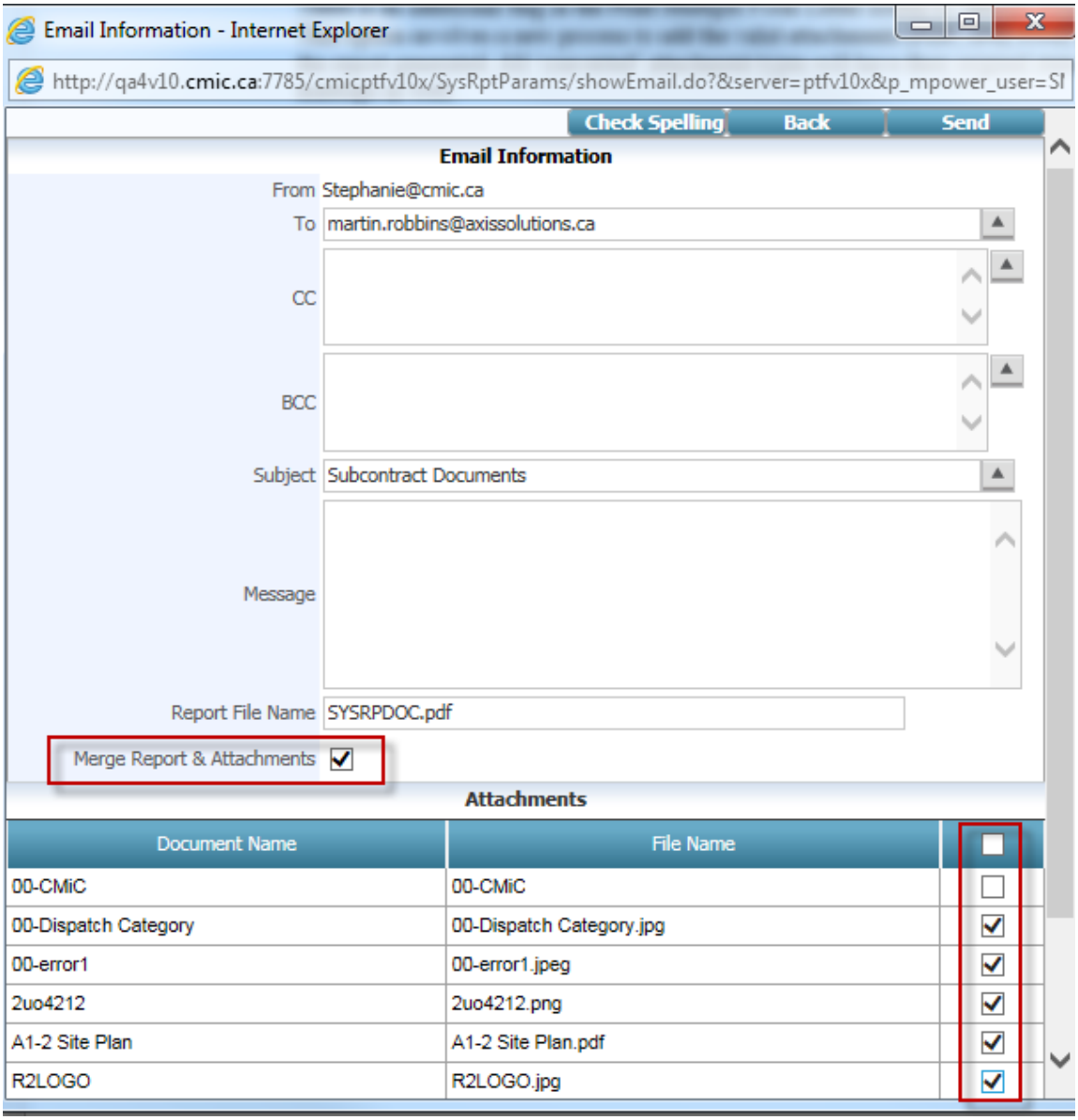


There is an additional flag in the Print Multiple Form Letter screen to **'Merge Attachments after Report**'. This option involves a new process to add the valid attachments (PDF, JPG, PNG, BMP, JPEG, TIFF) to the report generated. All 'converted' attachment types will have their original state and should 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:

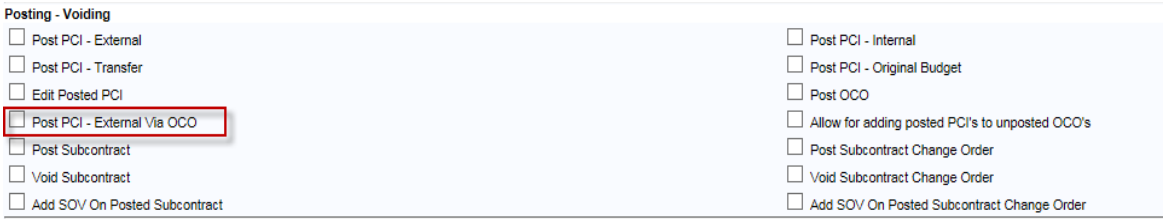


ITB/RFQ Broadcast Email Enhancements (15.07544)

The following enhancements have been made:

1. ITB Email and ITB Name on Project Maintenance screen have been made more generic since they are used by ITB and RFQ broadcasts;
2. Also, messages are displayed for cases where Broadcast email is missing, RFQ contact email is missing or contact already responded to RFQ broadcast/ Received Date is not null/Quoted Amount is not null.

Post OCO 'Sub' Privilege (15.11781)



Enhancement - addition of a sub-privilege to the 'Post OCO' privilege. This sub-privilege allows the user to post external PCI's via the OCO instead of directly with the original 'Post External PCI's' privilege.

Cost Status Queries – Send to Spreadsheet for PCI Popup (15.13478)

Cost Status Queries - Provided Send to Spreadsheet functionality on PCI transaction popup in Cost Status Query including the Category level queries.

Field Security for Issue Resolution Date (15.11912)

Added field security to RESOLUTION DATE field on the JSP Issue screen.

Field Security for Quantity & WM in Cost Status Queries (15.12019)

Cost Status Queries - field security can be set for Quantity and WM in Cost Status Queries drill down.

Cost Status Query Logs – Variance Field (16.14379)

Added a Variance field (as per Manual Forecast) to the Cost Status Query (also category level) Log Builder. This variance field (PMOJSQ_PROJ_VARIANCE_CALC_AMT) is the difference between the Current Budget and the Projected Cost.

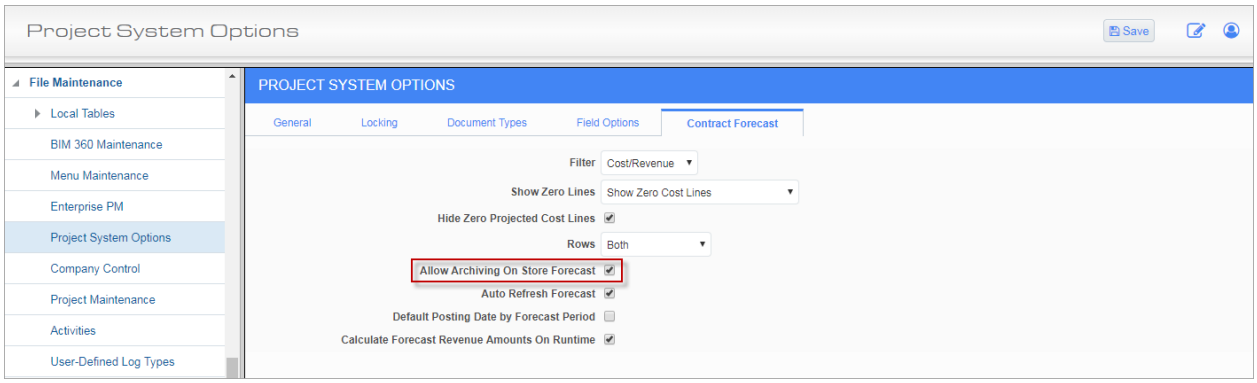
Archive Forecast upon Store Forecast Function (15.04092)

Added an option to 'Archive' forecast when performing 'Store Forecast' function.

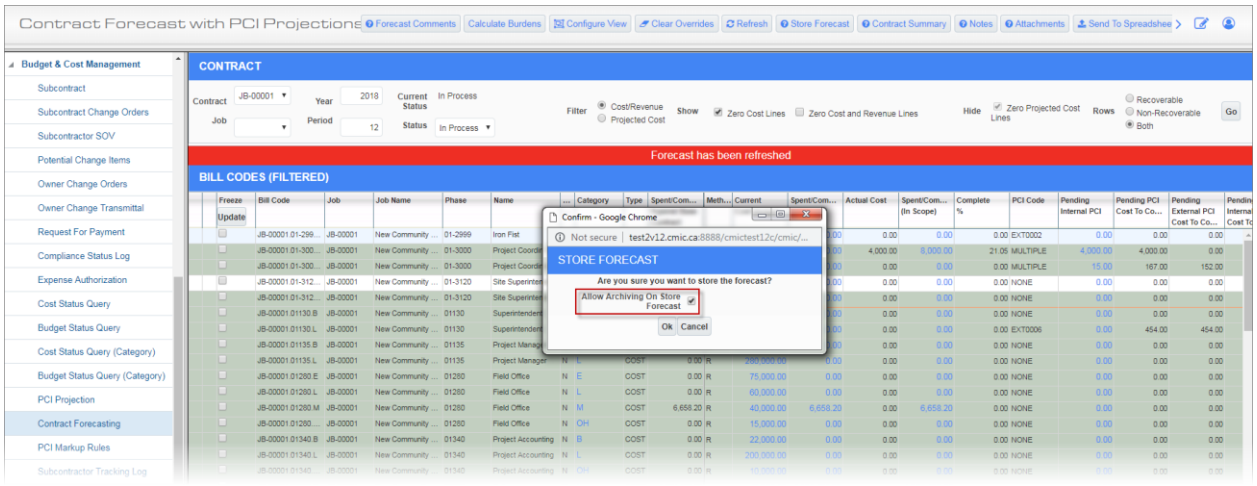
Modifications:

The Project System Options > Contract Forecasting tab is modified with a check box 'Allow Archiving On Store Forecast'. The default value is 'N'.

The value set in Project System Options will default into 'Store Forecast' popup, which users may override as required. When checked, upon store forecast, 'Archive' function will also be performed.



Project System Options > Contract Forecast Tab



Contract Forecast > Store Forecast pop-up

ADF PCI Owner Allowance – Read-only for Out of Scope (14.98430)

The ADF PCI Entry screen has been modified so that the Owner Allowance amount is not editable in the PCI header for 'Out of Scope' allowance type. Instead, when the user invokes the Allowance Tracking screen from the PCI detail line, the Owner Allowance on the Allowance Tracking screen will be defaulted as the Revenue Budget from the phase/category for which the screen was invoked.

There is no change to any other calculations.

Note that this functionality will only be for new PCIs being entered. If an existing PCI already has an Owner Allowance specified, the Allowance Tracking screen will continue to consider that as Owner Allowance. The Revenue Budget is not defaulted as the Owner Allowance for such PCIs.

These changes do not apply to the FORMS version of the screen.

Subcontract – Tax Codes in Header (15.06063)

Modifications have been made to Subcontract Entry to include the three Tax fields (Tax1, Tax2, Tax3) on detail) on the SC Header, where the user is able to enter tax codes when the checkbox [Default Taxes] is checked. The Tax Code LOV is also made available for selection.

The tax codes entered in the SC header will be populated on the SOV lines otherwise if they are not, then the system will populate these tax codes in the same way it currently does (i.e. Taxes on SC header will take the precedence).

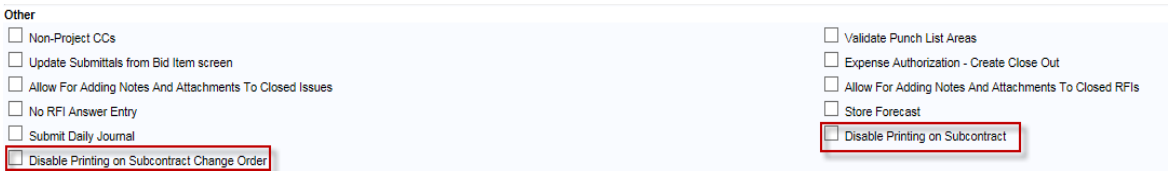
Users are only allowed to make this setup on base subcontracts. However, these fields are available on the change orders as read-only.

Field security for these SC Header Tax Codes can be applied. The default is set as HIDDEN.

Project Contact Directory Report – New Fields (15.12274)

Modifications have been made to the Project Contact Directory Report - PM1600.REP - to include Contact Code, Partner Abbreviation, and Trade/Scope (user-defined field).

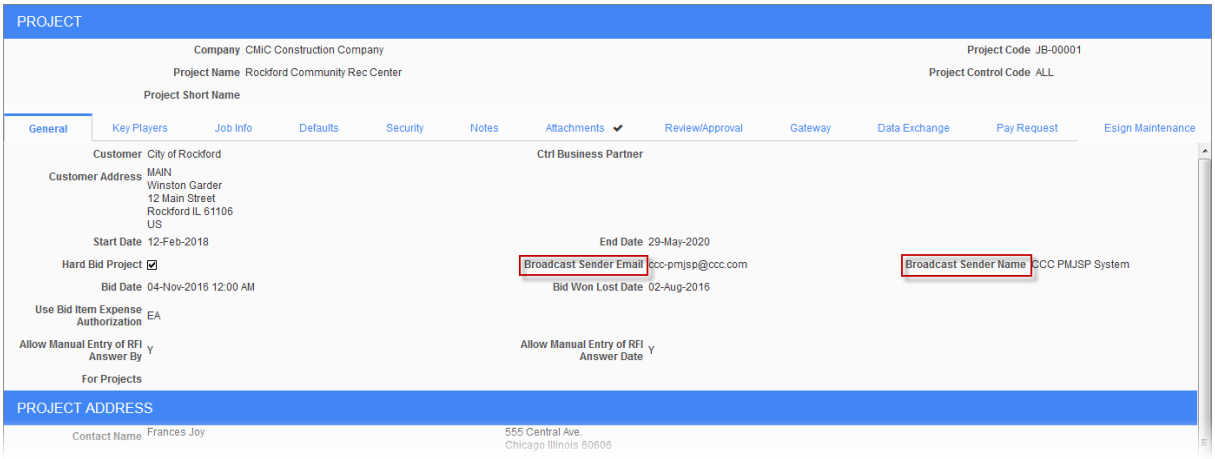
PM Role Privileges for Disabling Printing Subcontract /SCCO (15.05451)



Added two project level privileges for disabling print button on Subcontracts and Subcontract Change Orders.

The default value for these privileges is 'unchecked' to allow printing, thereby retaining current functionality.

ITB/RFQ Broadcast – Email and Messages Enhancement (15.07544)

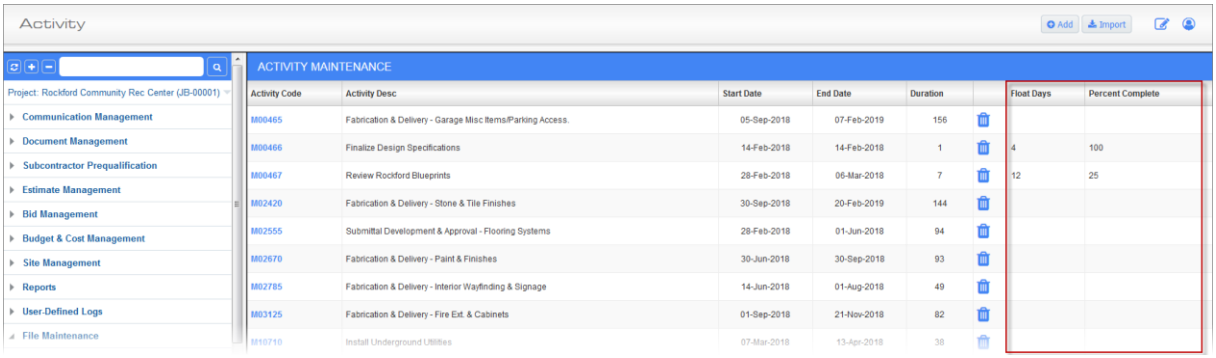


The ITB Email and ITB Name on the Project Maintenance screen have been made more generic since they are used by ITB and RFQ broadcasts. Also, messages will be displayed for cases where Broadcast email is missing, RFQ contact email is missing or contact already responded to RFQ broadcast/ Received Date is not null/Quoted Amount is not null.

Activities Maintenance – Float and Percent Complete (16.15258)

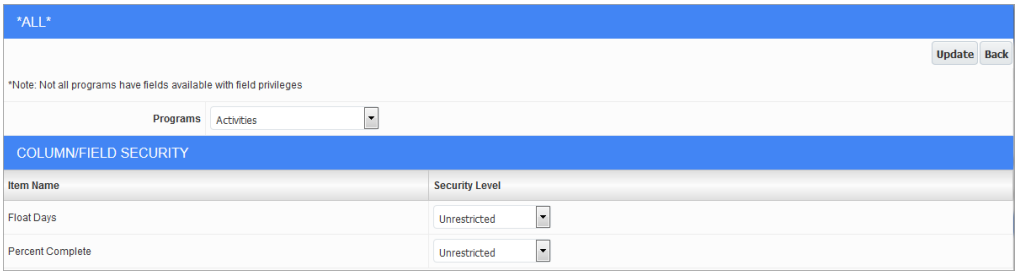
The following changes have been implemented for the Activities Maintenance program:

1. Addition of Float (in days – positive number – allows decimals) and Percent Complete (positive number – allows decimals) to Activity Maintenance screen and Activity Import control file and validation screen.



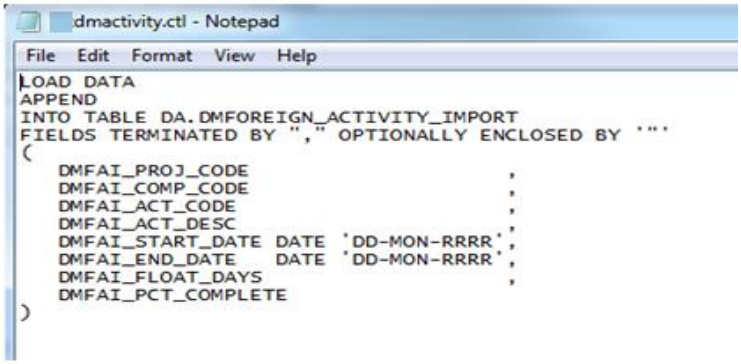
These fields are added for use in custom reports and dashboards. They are not used anywhere else in the application.

By default the field security on these fields are set to 'Hidden' on the *ALL* role:

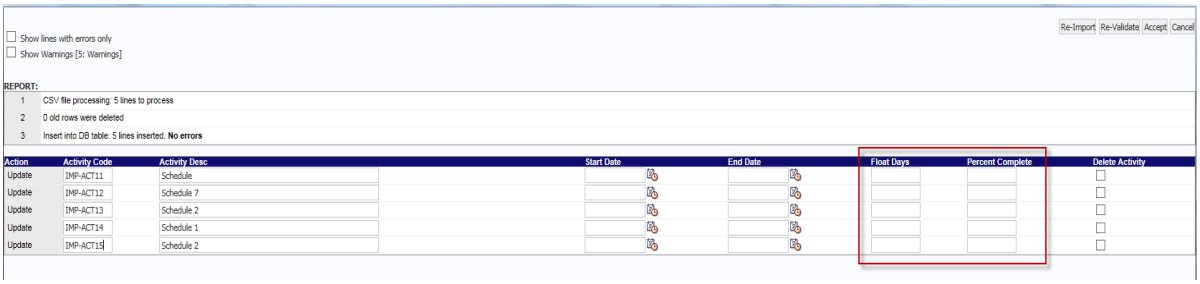


Please note that on the Import screen and Edit mode of the Activities screen Float Days and Percent Complete fields are visible for input only if UNRESTRICTED.

If any of these fields is not unrestricted - no values will be imported for these fields even if provided in the source file.



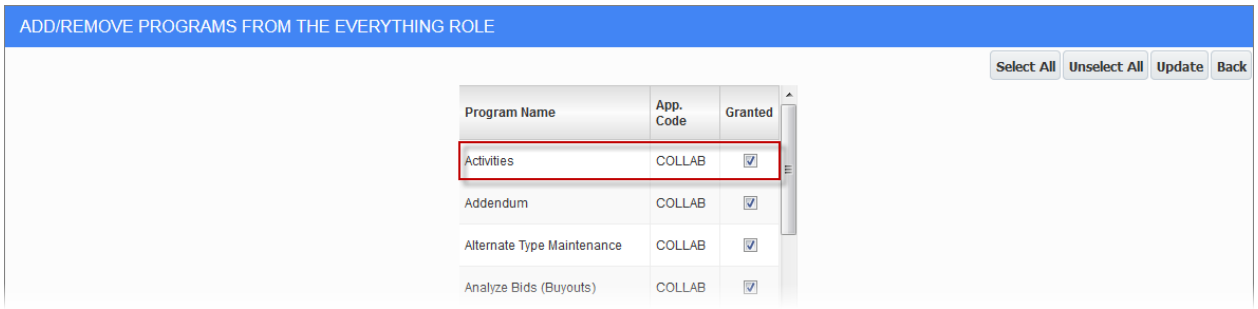
Activites Import Control File – layout

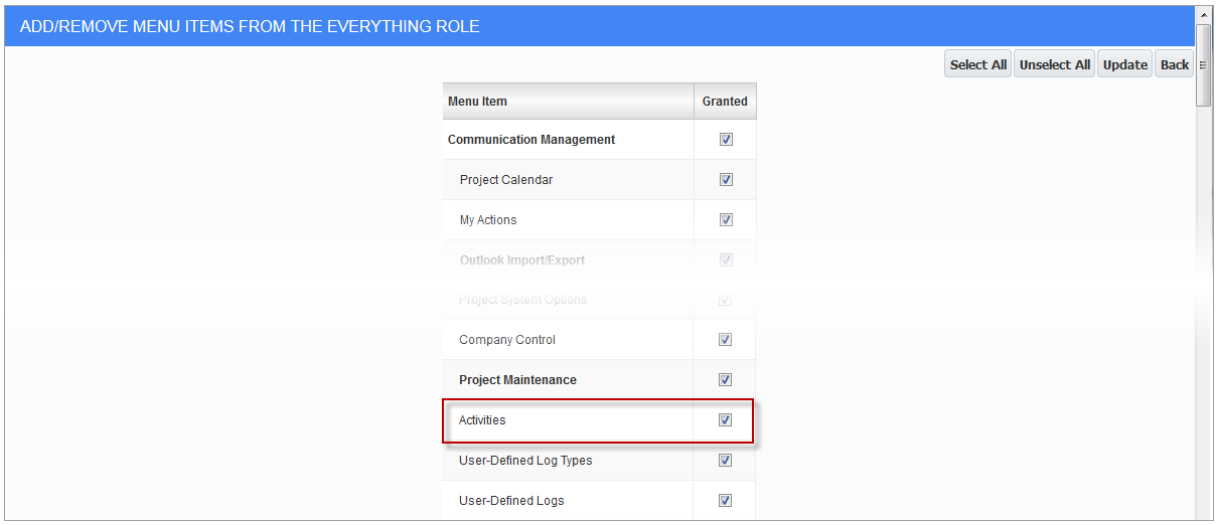


Activity Import validation screen

When the field security is set to 'Read-only', the two new fields can only be viewed…they are not editable on the Activities Maintenance screen.

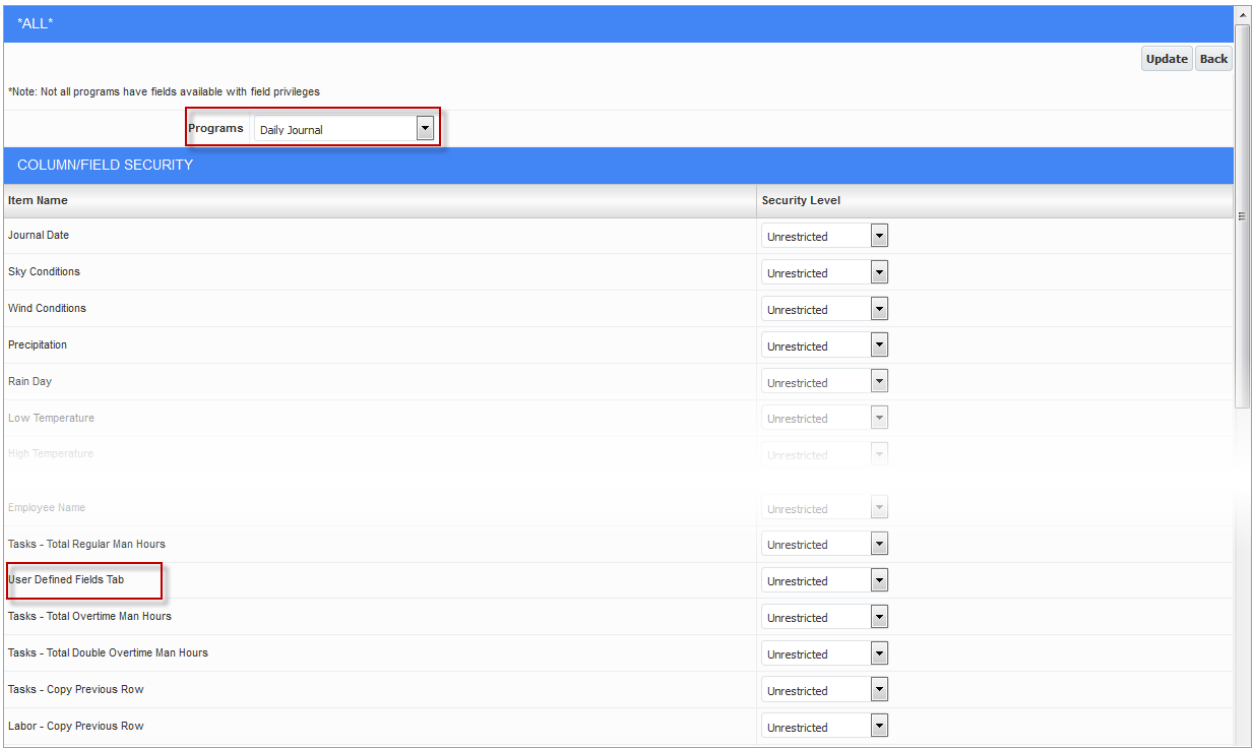
2. Also, the Activity Description field has been increased to 120 characters.
3. The security for the **Activities** program is now listed under both Security > Role Maintenance > **Assign Programs** as well as **Assign Menu Items**. Therefore the user will need to be given access from both screens in order to use the Activities program.



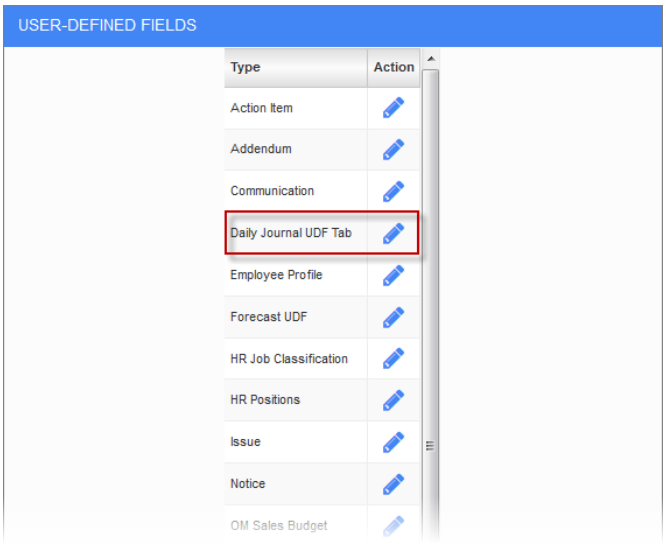


User Defined Fields Tab in Daily Journal (15.12414)

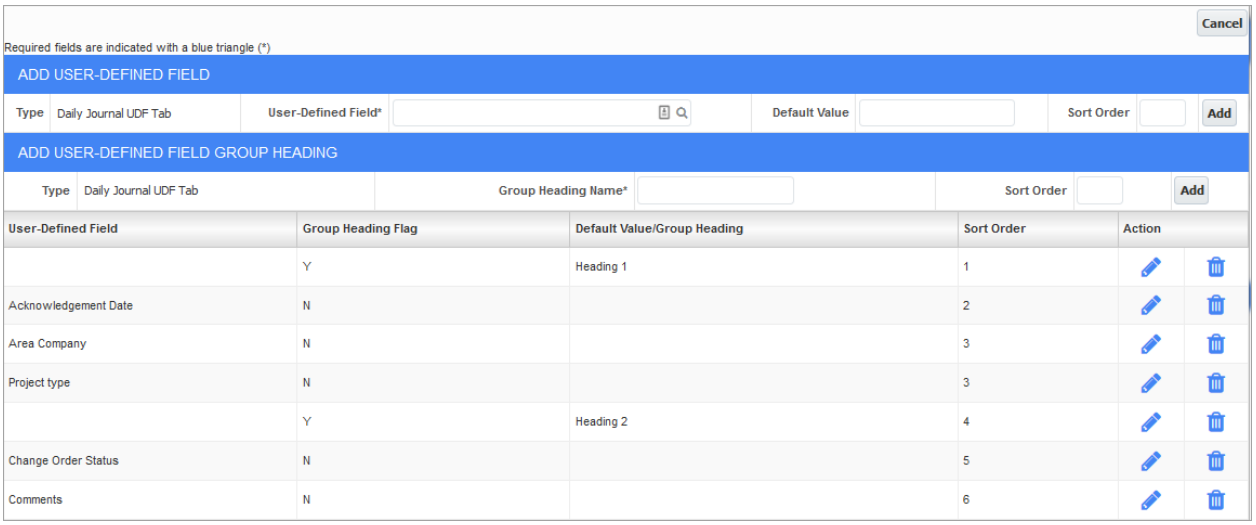
Added User Defined Fields tab on Daily Journal. Also provided Tab security with default HIDDEN set on the *ALL* role:



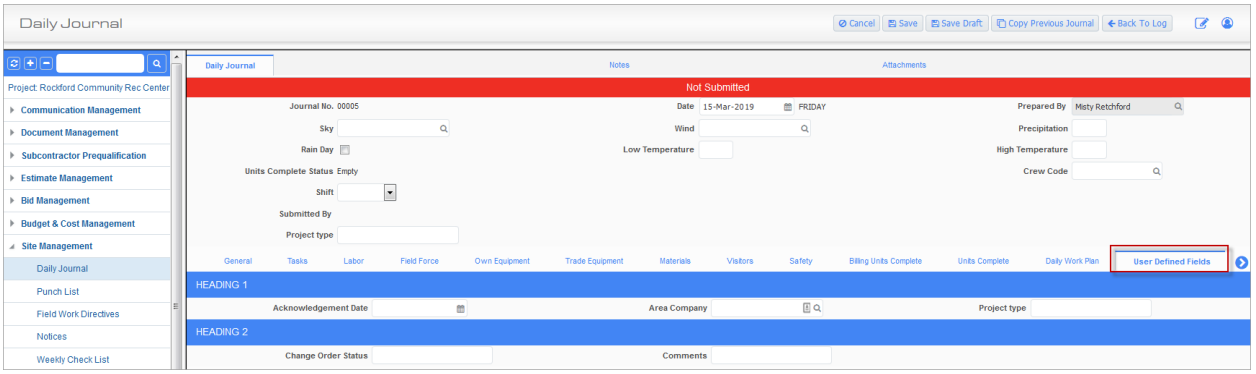
The tab is also listed as an object in the User Defined Fields list:



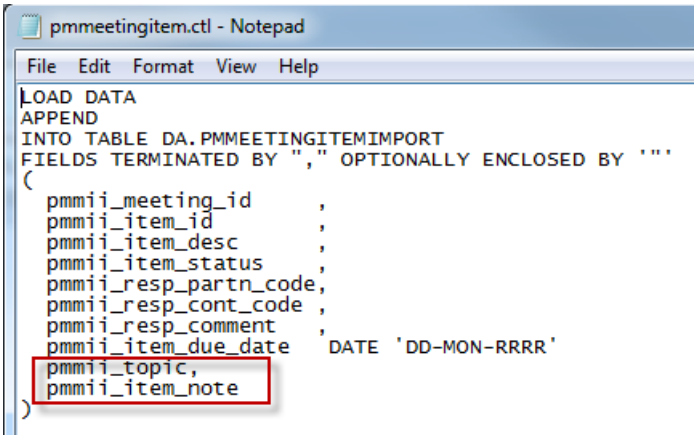
Define the Daily Journal UDFs (example):



Once the UDFs are defined in this screen they can be seen in the Daily Journal records in the tab:

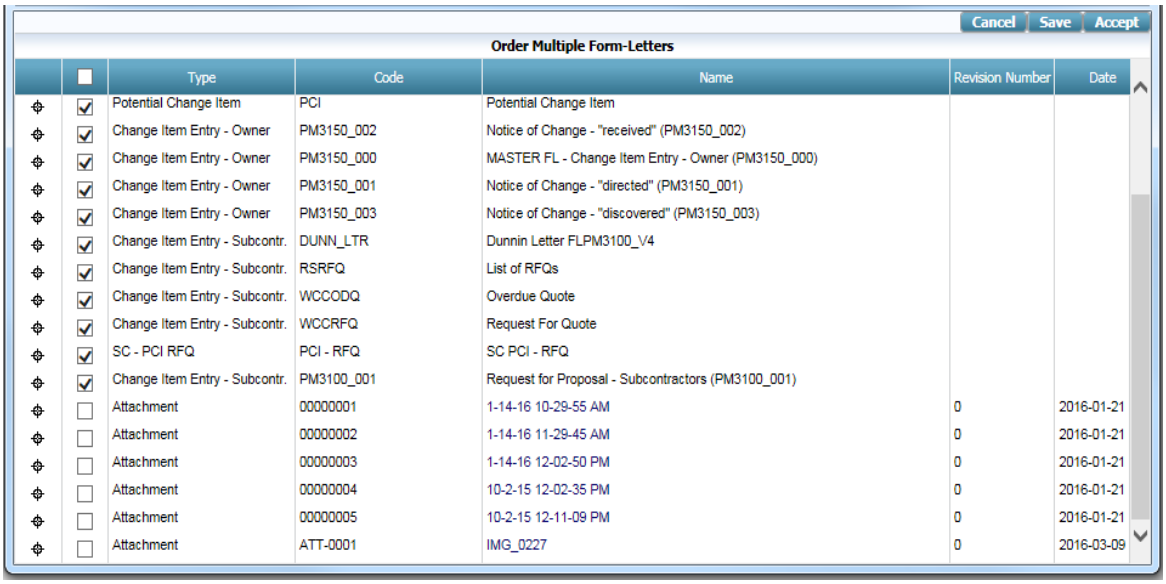


Meeting Topic and Minutes added to Meeting Import (15.07894)



Meeting Topic and Minutes (notes) have been added to the Meeting Minutes Import control file (pmmeetingitem.ctl).

Revision Number and Date added to Order Multiple Form Letter Display (15.11801)



	Type	Code	Name	Revision Number	Date
☑	Potential Change Item	PCI	Potential Change Item		
☑	Change Item Entry - Owner	PM3150_002	Notice of Change - "received" (PM3150_002)		
☑	Change Item Entry - Owner	PM3150_000	MASTER FL - Change Item Entry - Owner (PM3150_000)		
☑	Change Item Entry - Owner	PM3150_001	Notice of Change - "directed" (PM3150_001)		
☑	Change Item Entry - Owner	PM3150_003	Notice of Change - "discovered" (PM3150_003)		
☑	Change Item Entry - Subcontr.	DUNN_LTR	Dunnin Letter FLPM3100_V4		
☑	Change Item Entry - Subcontr.	RSRFQ	List of RFQs		
☑	Change Item Entry - Subcontr.	WCCODQ	Overdue Quote		
☑	Change Item Entry - Subcontr.	WCCRFQ	Request For Quote		
☑	SC - PCI RFQ	PCI - RFQ	SC PCI - RFQ		
☑	Change Item Entry - Subcontr.	PM3100_001	Request for Proposal - Subcontractors (PM3100_001)		
☐	Attachment	00000001	1-14-16 10-29-55 AM	0	2016-01-21
☐	Attachment	00000002	1-14-16 11-29-45 AM	0	2016-01-21
☐	Attachment	00000003	1-14-16 12-02-50 PM	0	2016-01-21
☐	Attachment	00000004	10-2-15 12-02-35 PM	0	2016-01-21
☐	Attachment	00000005	10-2-15 12-11-09 PM	0	2016-01-21
☐	Attachment	ATT-0001	IMG_0227	0	2016-03-09

Multiple Form Letter Print - Added two columns (Revision Number and Date) to the "Order Multiple Form-Letters" pop-up.

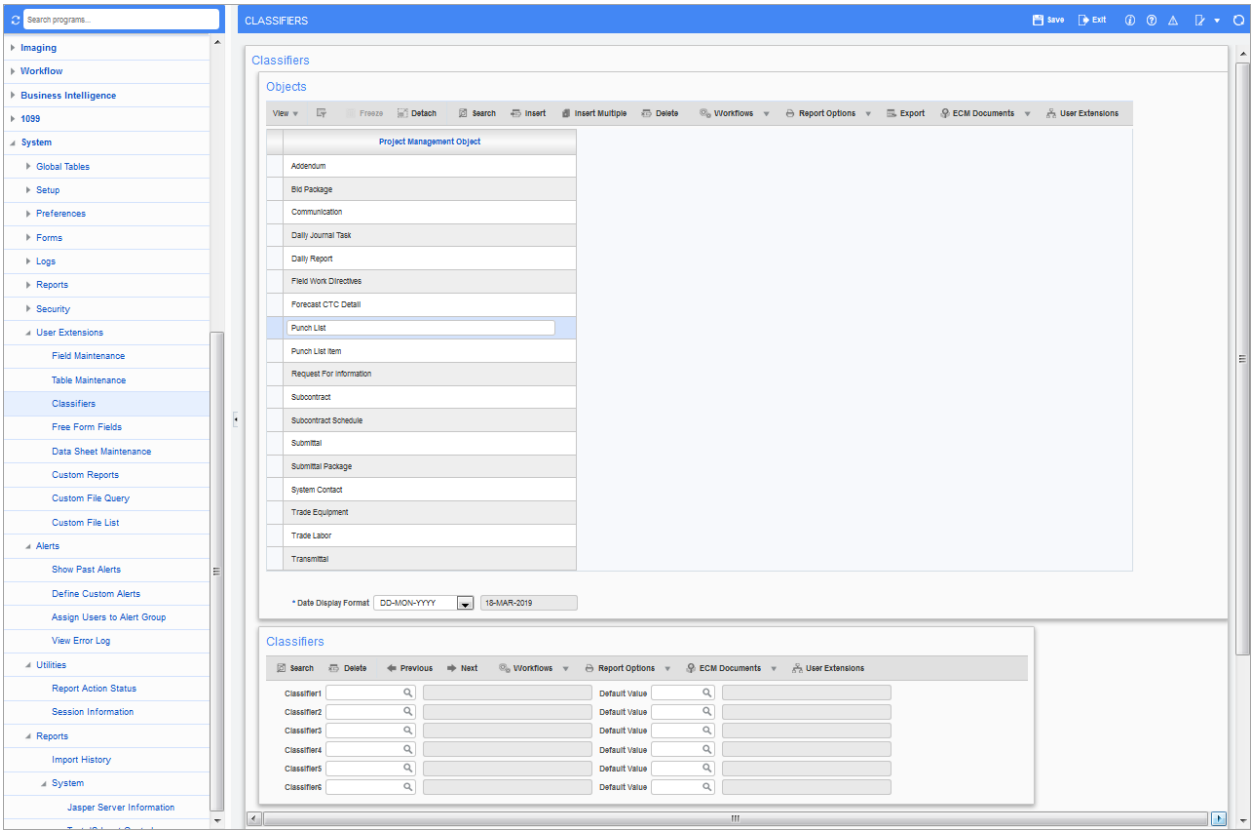
Fields Editable for Posted PCI (16.15824)

Changes have been made to allow editing of fields the fields: Description, Scope Description, Source, Start Date, End Date for posted PCI's.

Six Classifiers for Punch List Header (15.09153)

The changes of this work order includes the ability to add 6 User Defined Classifiers to the Punch List Header.

The object is ‘Punch List’ as shown:

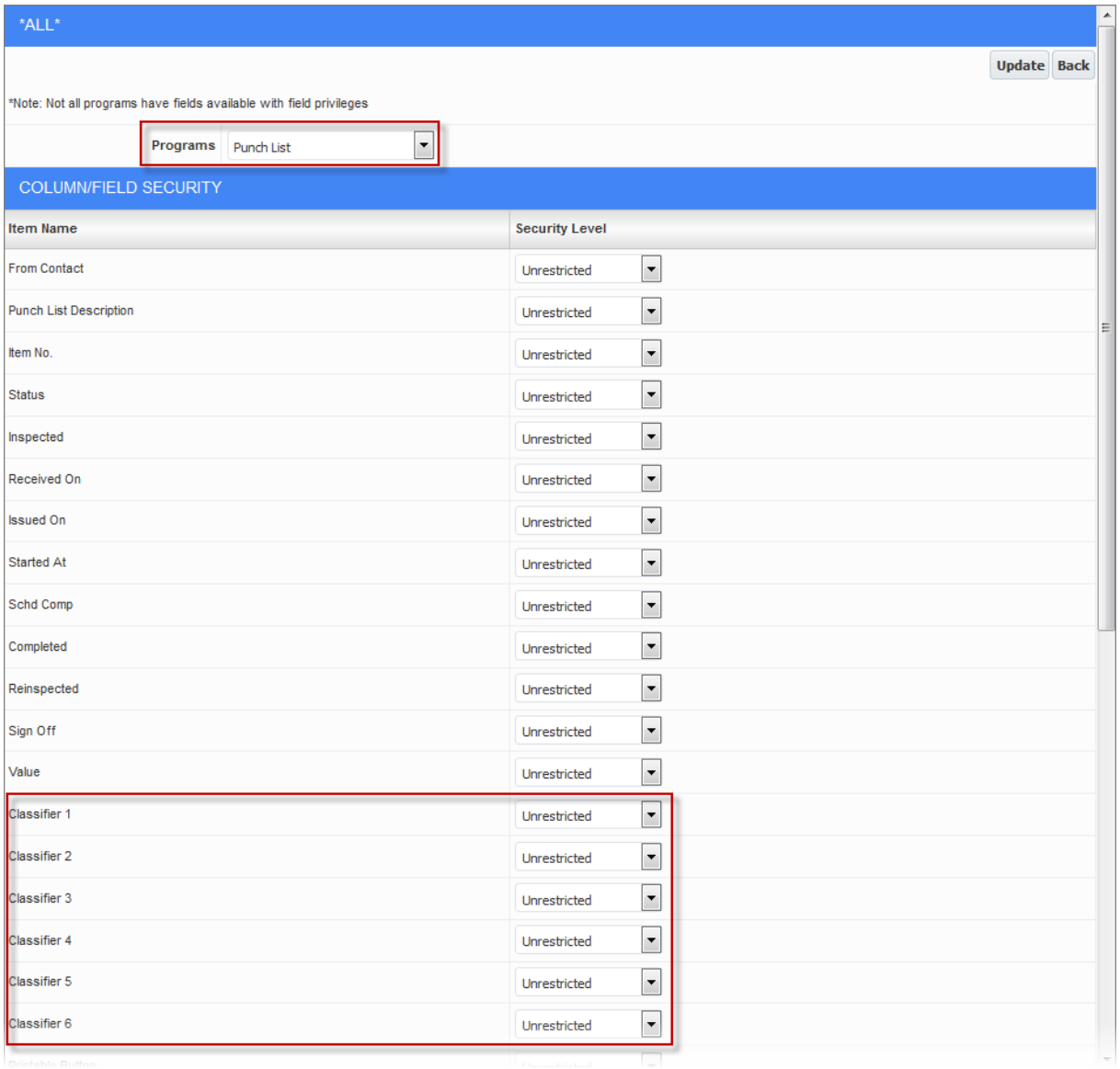


Select the desired user-defined fields from the LOV of each classifier in the ‘Classifiers’ section of the screen and save the entries.

In PM JSP, when a Punch list is created, the header will show the classifiers that are in use.

Field Security

Field security can be applied to any or all of the six classifiers if needed:

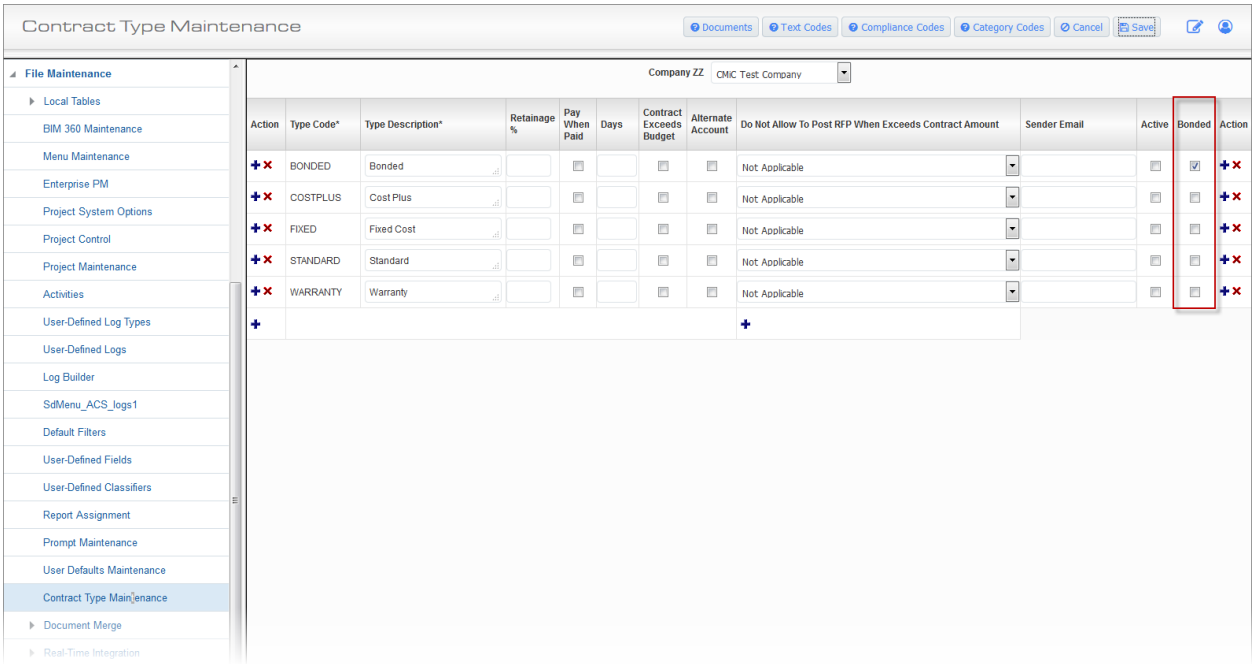


Possible setting is Unrestricted/Read-only/Hidden.

Subcontract and SCCO Pre-qual Limits for Bonded Contract Types (16.15012)

The following changes have been made to the Subcontract/SCCO programs as they relate to Vendor Pre-qualification Limits:

1. Addition of a ‘Bonded’ checkbox to the FORMS Contract Types local table:



If the checkbox is checked against a contract type it indicates that any subcontract or subcontract change order of that contract type is excluded from consideration when determining the Subcontractor Pre-qualification limits remaining – Single Project Limit Remaining and Aggregate Limit Remaining.

It also means that if the subcontract/subcontract change order is a 'Bonded' type, there will be no message to the user if the Single Project Limit and/or Aggregate Project Limit is exceeded.

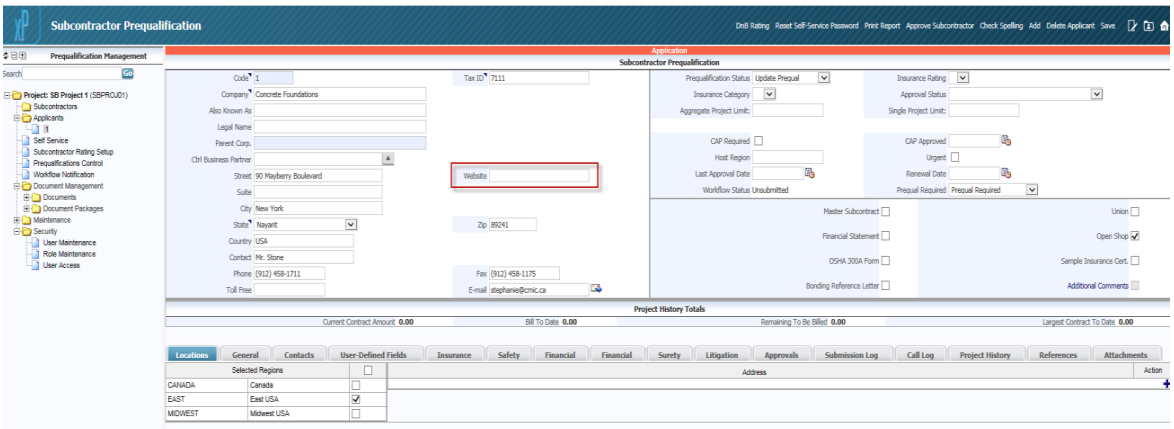
2. The Contract Type field can have field security applied to it.

Subcontractor Prequalification Enhancements (15.07422)

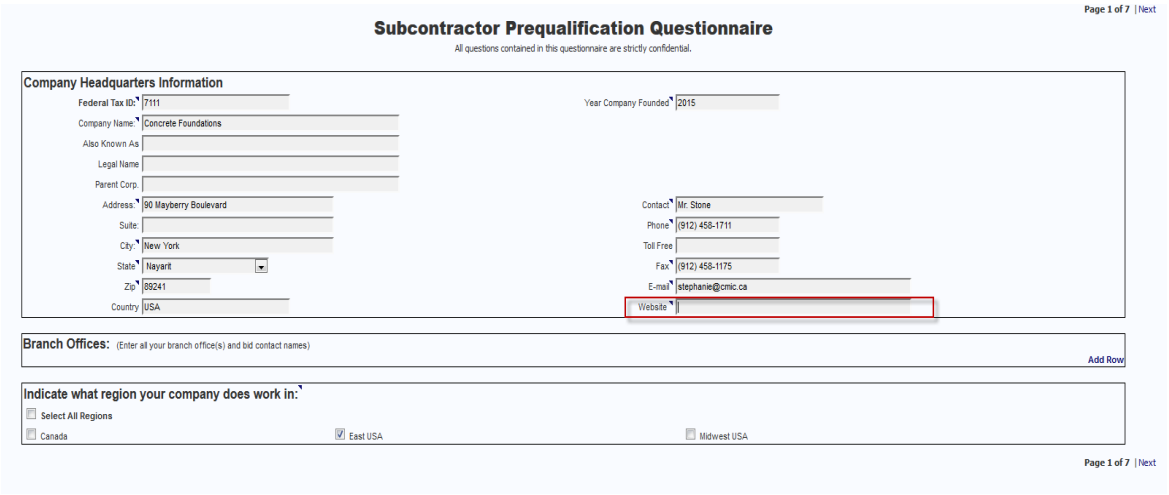
The following changes have been made to the Vendor Pre-qualification programs:

1. **Website** field added to the Subcontractor Prequalification as well as to the Self Service – Page 1 screen. Field security can also be applied to the field.

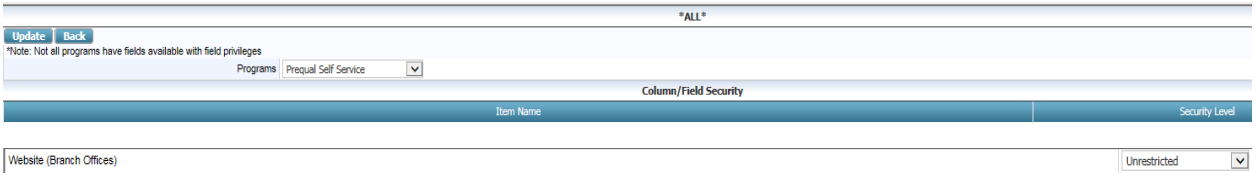
a) Website field in SC Pre-qualification header:



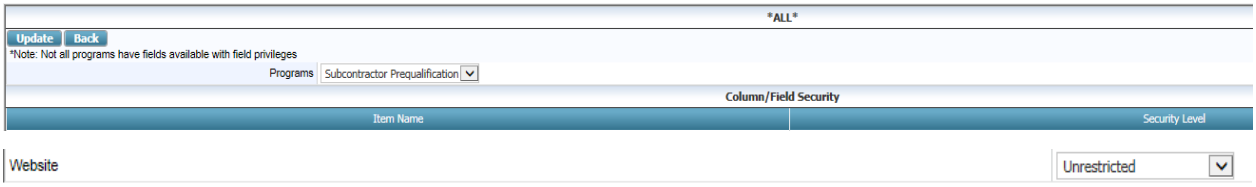
b) Website field in Self Service – Page 1:



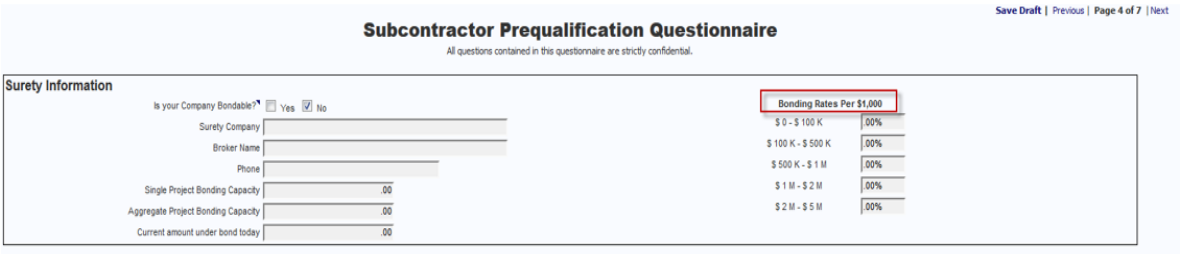
c) Website field – Self Service field security:



d) Website field - SC Pre-qualification field security:



2. **Bonding Rates Per $1000** prompt added as shown, to Page 4 of the Self Service screen. This prompt can be modified in Prompt Maintenance.



3. **Pre-qualifications Control**

The following changes have been made to the Pre-qualifications Control screen:

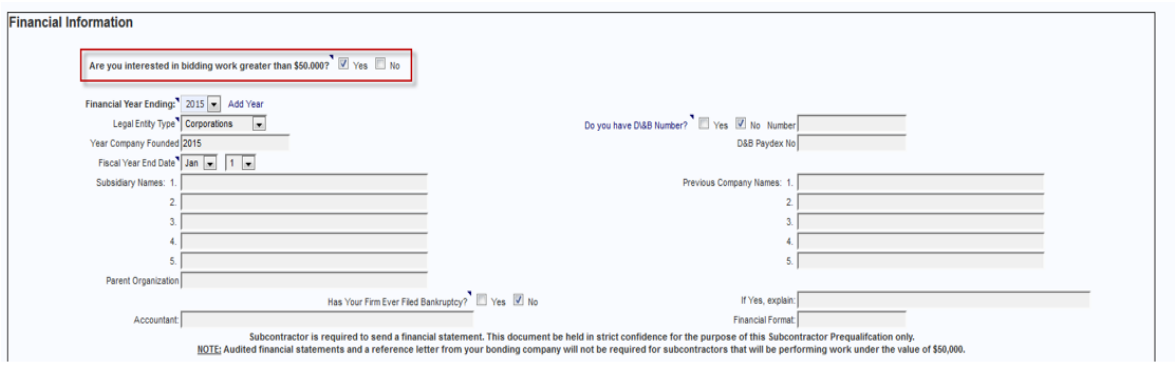
a) addition of the flag '**Enable Financials Required Prompt**'

b) addition of the field '**Number of Required Attachments**'.

These new settings in the Pre-qualification Control have the following effects:

a) i. When the flag 'Enable Financials Required Prompt' is checked, the prompt and checkboxes for the question 'Are you interested in bidding work greater than $50,000?' [Yes/No] becomes visible in Page 4 of the Self Service screen.

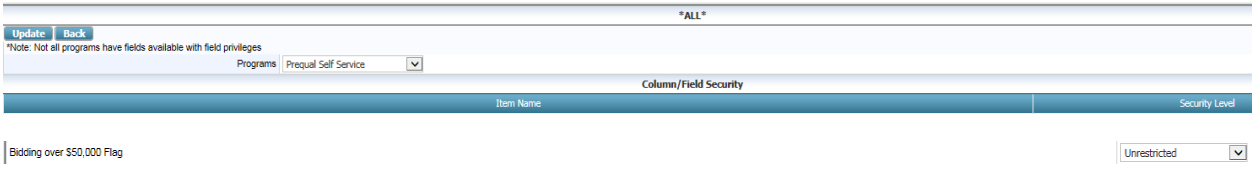
Self Service screen Page 4:



If 'Yes' is checked, then certain financial data cannot be zero, namely: Gross Profit Margin, Operating Income, Earnings Before Taxes, Net Income, Total Assets, Total Liabilities, Total Equity and 'Total Liabilities and Equity.

If 'No', then there is no requirement for these fields to be non-zero.

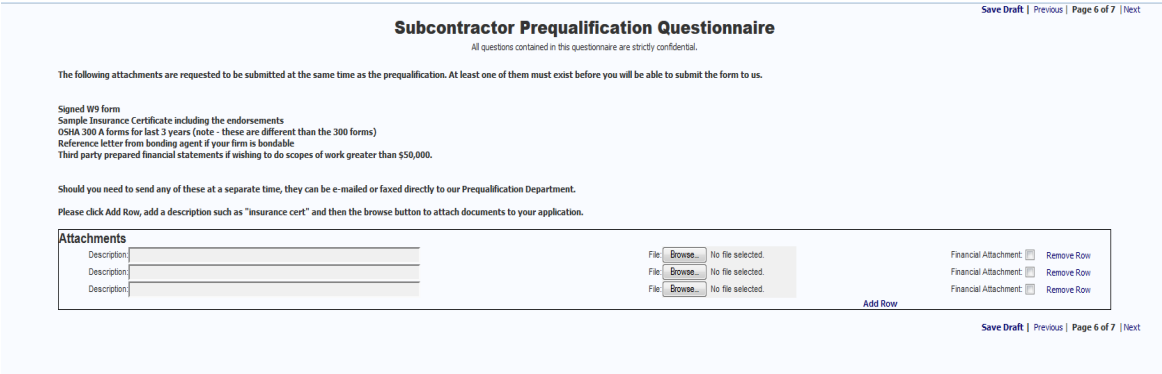
ii. Field security can be applied to the checkboxes for this question:



iii. When the control flag 'Enable Financials Required Prompt' is un-checked, the prompt and checkboxes for the question are not visible in Page 4 of the Self Service screen.

b) The value in the field '**Number of Required Attachments**' (Pre-qualification Control), determines the number of attachments that is required on Page 6 of the Self Service screen.

More attachments can be added, but less than the required number will result in rejection of the application during the submission process, forcing the user to add the documents.



4. The **Credit Line Available** field in the enhanced Financial Information screen (SC Prequalification screen) is now calculated as: (Amount Line of Credit - Against Line of Credit).

   Previously the field was not being calculated.

Submittal Activity LOV – Start and End Date added (15.11583)

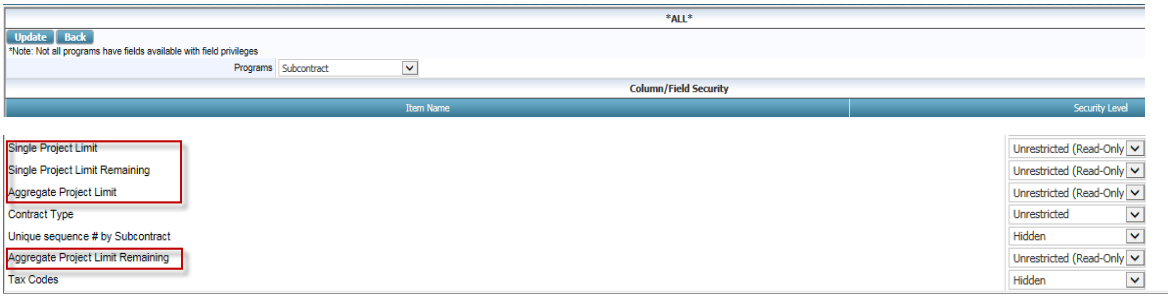
Added the Start and End Date of the Activity in the Activity LOV in the Submittal Entry screen.

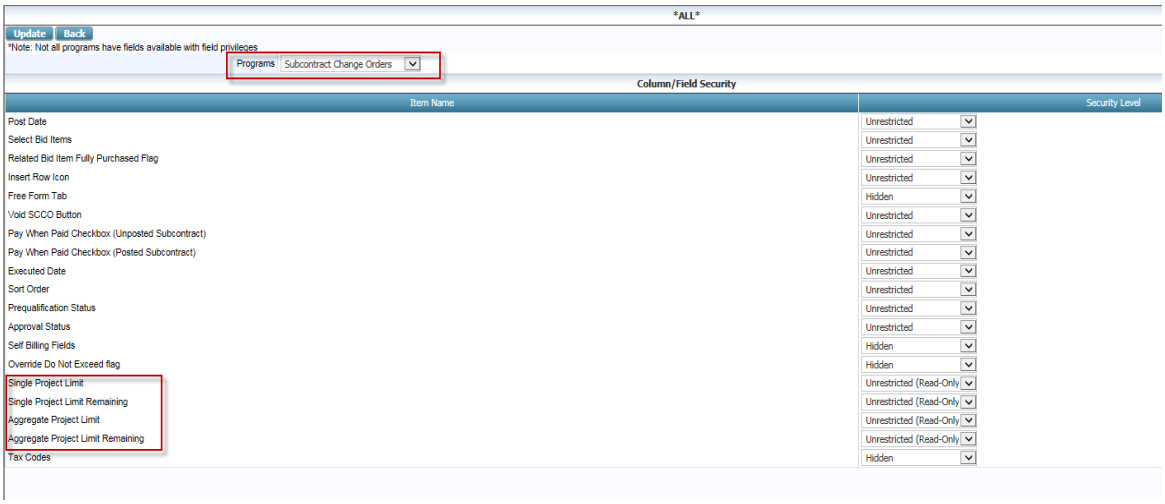
Units Complete – Source Shown in History (15.07928)

Changes have been made to display all units completed entries, including where the data was entered, on the "Phase Unit Transaction History" pop-up in both the Units Complete program and the Daily journal program, regardless of whether they were entered from the Daily Journal or the Units Complete screen or other. Units entered from FORMS or ADF will not be singled out.

Field Security on Pre-qual Limit Fields in SC/SCCO (15.07671)

Added field security for the Pre-qualification Limit fields on both the Subcontract and Subcontract Change Order screens.

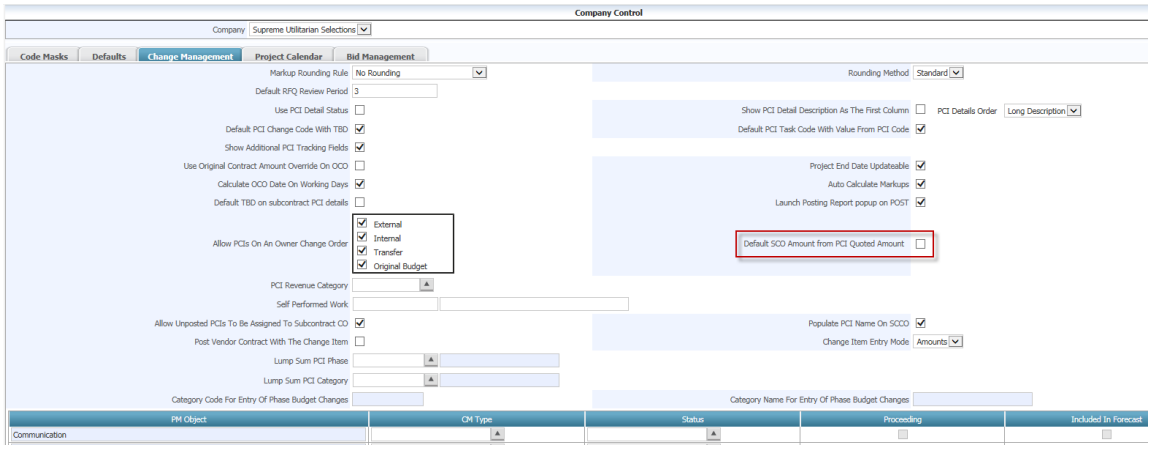




PCI Quoted Amount for SCCO Amount (16.14940)

The changes for this work order include the following:

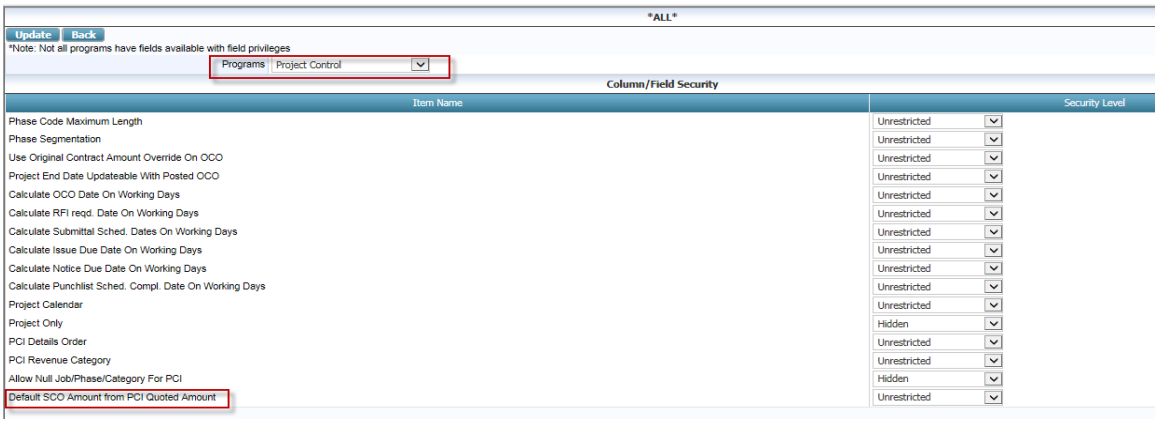
1. Addition of the flag '**Default SCO Amount from PCI Quoted Amount**', to the PM Control – Change Management tab:



When the flag is checked, the subcontract change order Amount will be populated with the Quoted Amount from the associated PCI detail line.

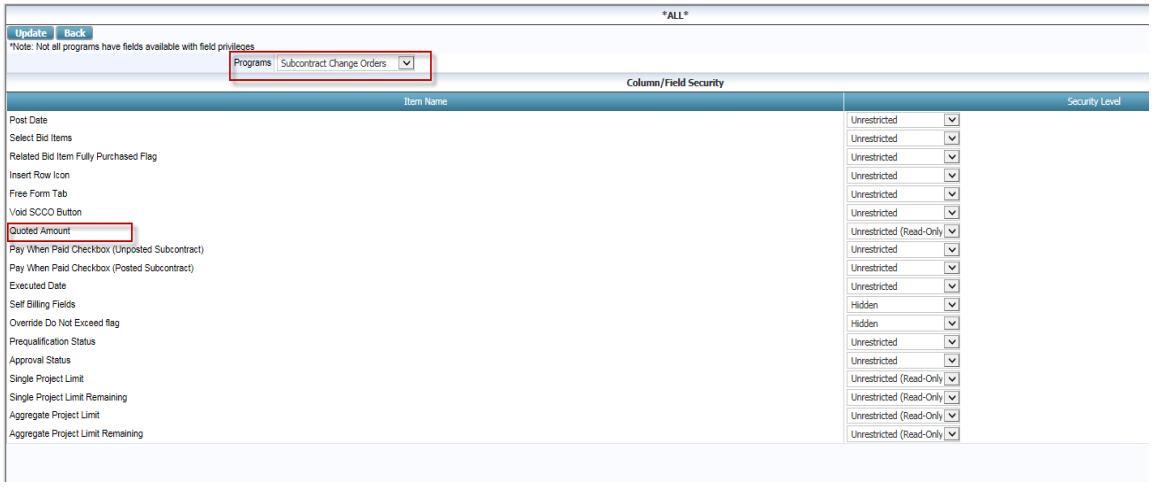
When the flag is unchecked, the subcontract change order Amount will be populated with the Final Amount from the associated PCI detail line (previous functionality).

Field security is available for this flag:



2. Ability to change the prompt of the Amount field on the Subcontract Change Order screen to 'Sub Quote Amount' or any other desired text.

NOTE: Field security can be applied to the **Quoted Amount** field on the Subcontract Change Order screen. The field security can be used to hide it (programmed from previous work order).



3. The current functionality to override the amount in the Subcontract Change Order screen still exists.

a) There is an existing flag called "Synchronize SCO and PCI amount", but this synchronization is on the "Final Amount". The flag is found in the PM JSP > Project Maintenance > Defaults tab.

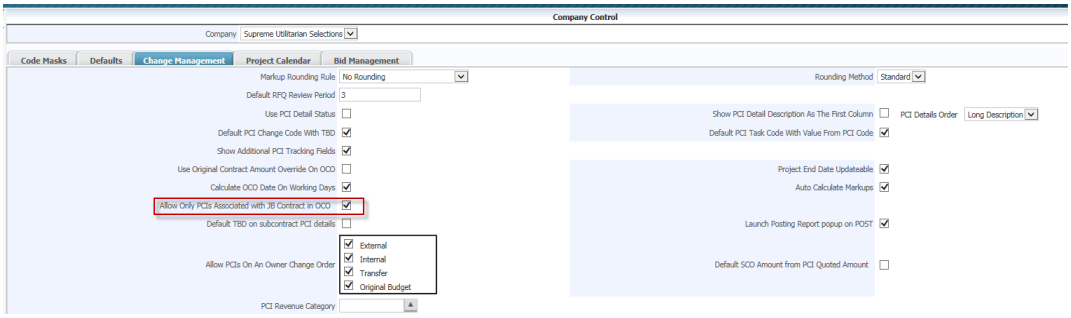
b) If this flag is checked, then if the Amount is modified in the Subcontract Change Order screen, it needs to synchronize the PCI "Quoted Amount" field **ONLY**.

c) In this scenario, the PCI detail "Final Amount" remains unchanged.

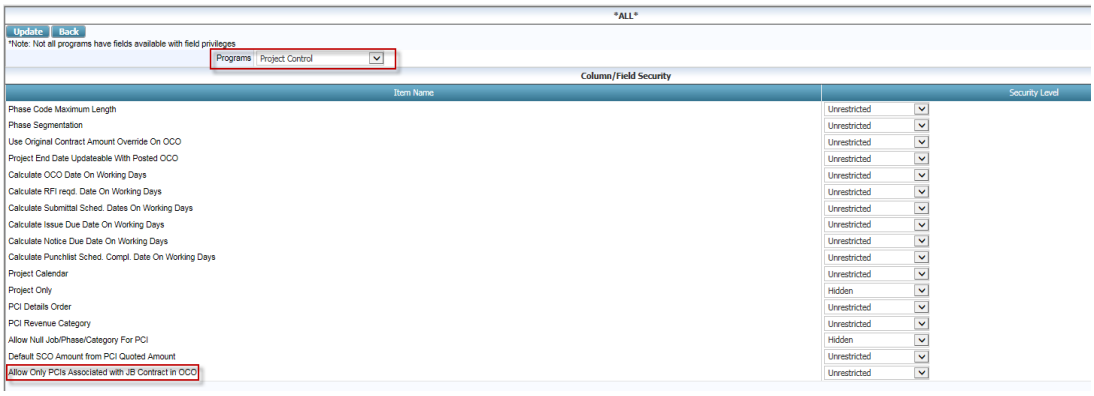
Allow Only PCIs Associated with JB Contract in OCO
(16.15287)

The changes for this work order were made so that users will be able to filter out available PCI's in an Owner Change Order (OCO) based on the selected JB Contract in the OCO Header.

1. A new PM Control flag has been added to the Change Management tab: “Allow Only PCIs Associated with JB Contract in OCO”:



2. Field security is available for this flag.



3. If the flag is checked in the PM Control, when the user is in the OCO entry screen, only the PCI’s that have details that are associated with the JB Contract selected in the OCO Header are available for selection in the PCI LOV of the OCO. If the control flag is not checked, then the availability of the PCI’s in the LOV does not include consideration of the JB Contract in the OCO Header, regardless of whether the JB Contract is selected in the OCO Header or not (this is original functionality).

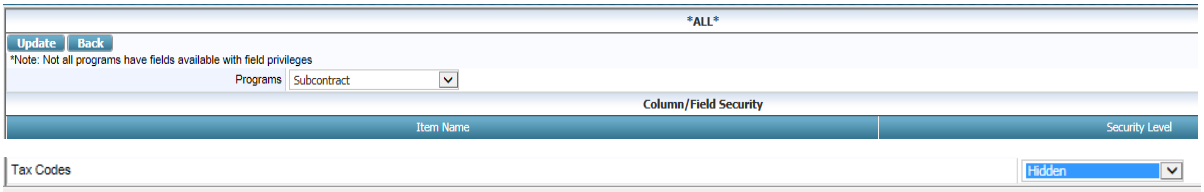
Tax Codes in Subcontract and Subcontract Change Order Headers (15.06063)

The changes of this work order include the following:

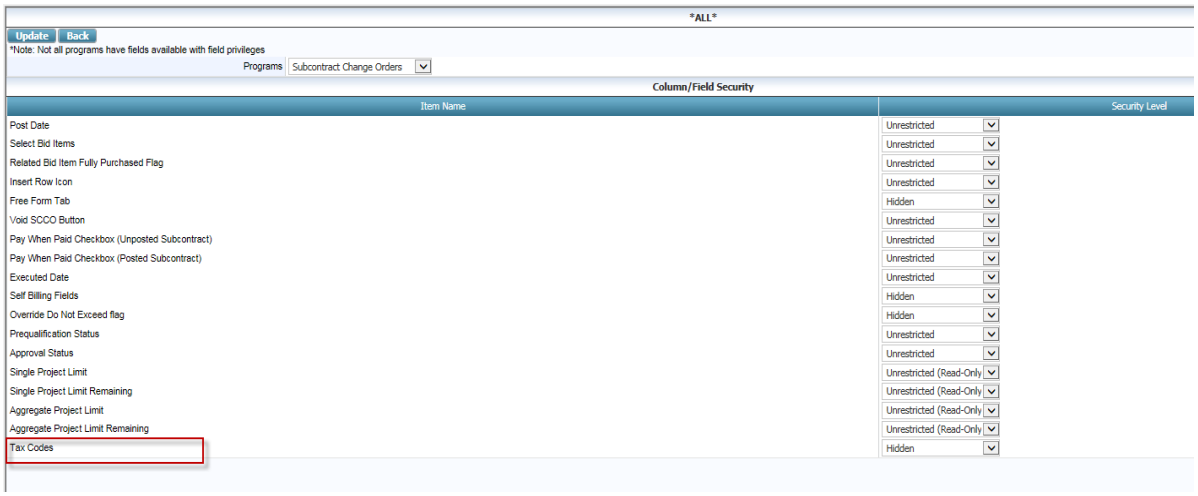
1. Addition of fields for the Tax Codes in the Subcontract and Subcontract Change Order header. By so doing, the user can set default values that are to be populated in the SOV, and these default values will not necessarily be coming from the vendor record.

2. Field security can be applied to the Tax Codes in the header of the Subcontract and Subcontract Change Order:

The field security is initially set as 'HIDDEN' on the ***ALL*** role for both the Subcontract and Subcontract Change Order programs:



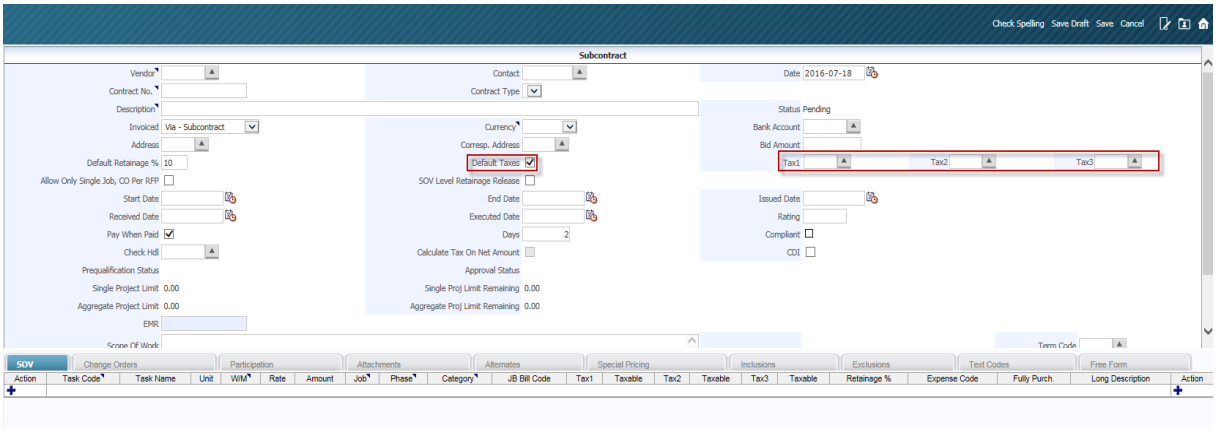
Possible settings on the Subcontract are: Unrestricted, Read-only, Hidden.



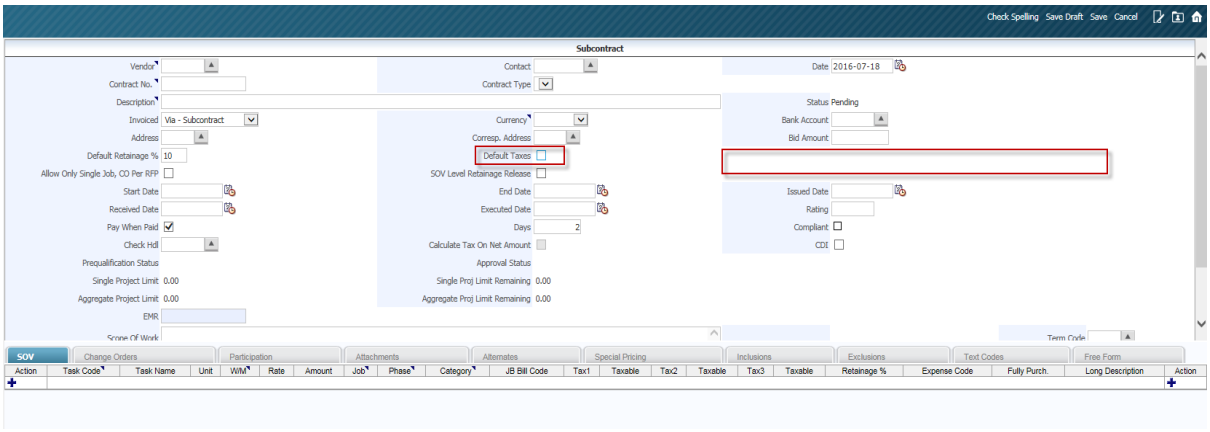
Possible settings on the Subcontract Change Order are: Read-only, Hidden.

How the new functionality works:

In the Subcontract program, when the 'Default Taxes' checkbox is checked, the Tax Code boxes are visible:

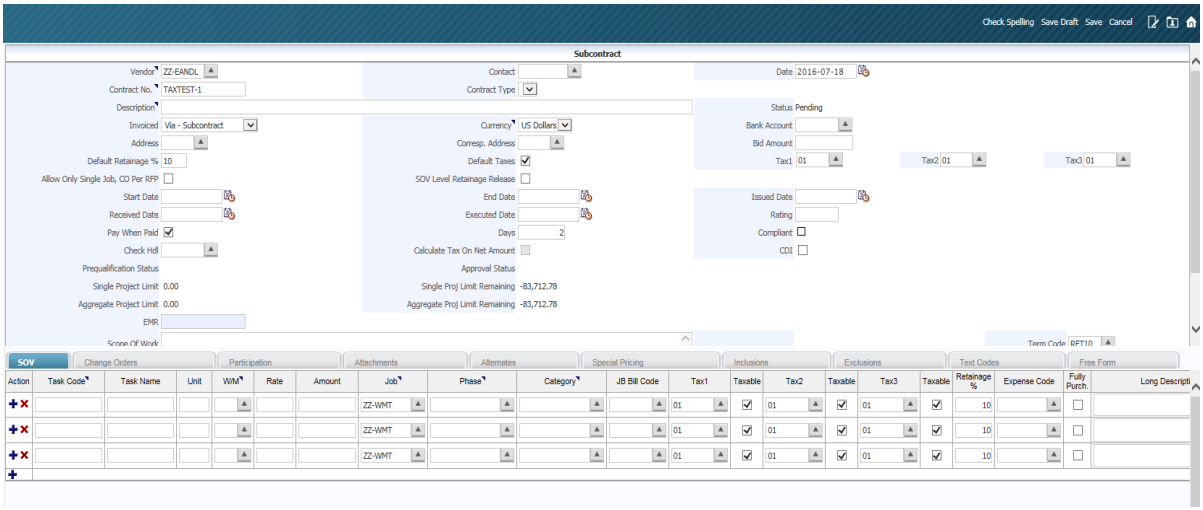


If the 'Default Taxes' checkbox is unchecked, then the Tax Code boxes are not visible:

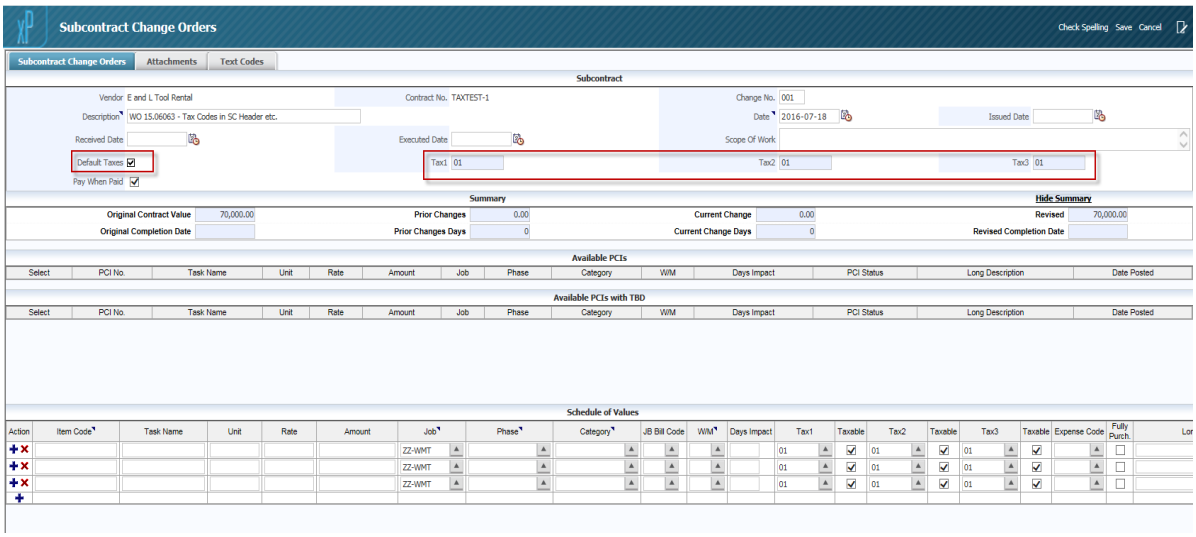


When the ‘Default Taxes’ checkbox is checked, and the Vendor is selected, any tax codes defined at the vendor level will default into the Tax Codes boxes in the Subcontract Header. They can be overridden.

The Tax Codes entered in the Header will default to the SC SOV lines created. These can be overridden as well.



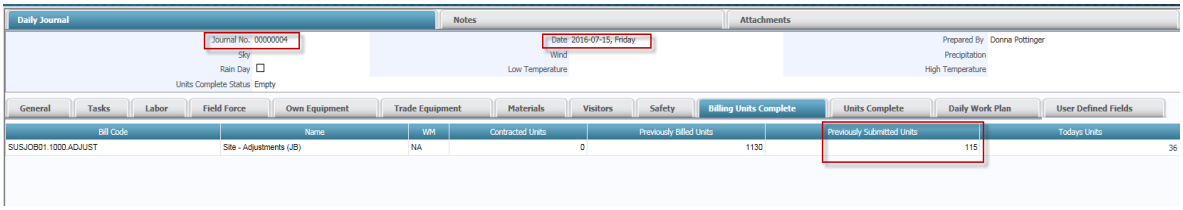
For the Subcontract Change Order, the header will default with the values from the Subcontract header, but these values in the change order are presented as Read-only. The change order SOV will also default with the values from the header, but these can be overridden if desired.

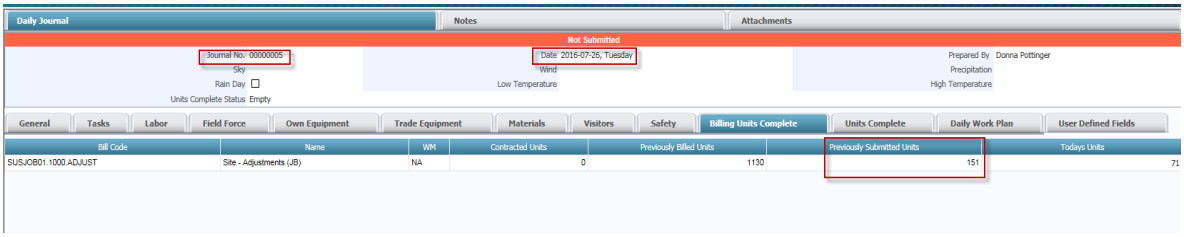


IMPORTANT NOTE: Regardless of the tax codes that are set in the SC or SCCO Header, it is those at the SOV level which will be used to calculate the tax, as per original standard functionality. The codes set in the header are simply for defaulting to the SOV level when new SOV lines are created.

Daily Journal – Previously Submitted Billing Units (16.20007)

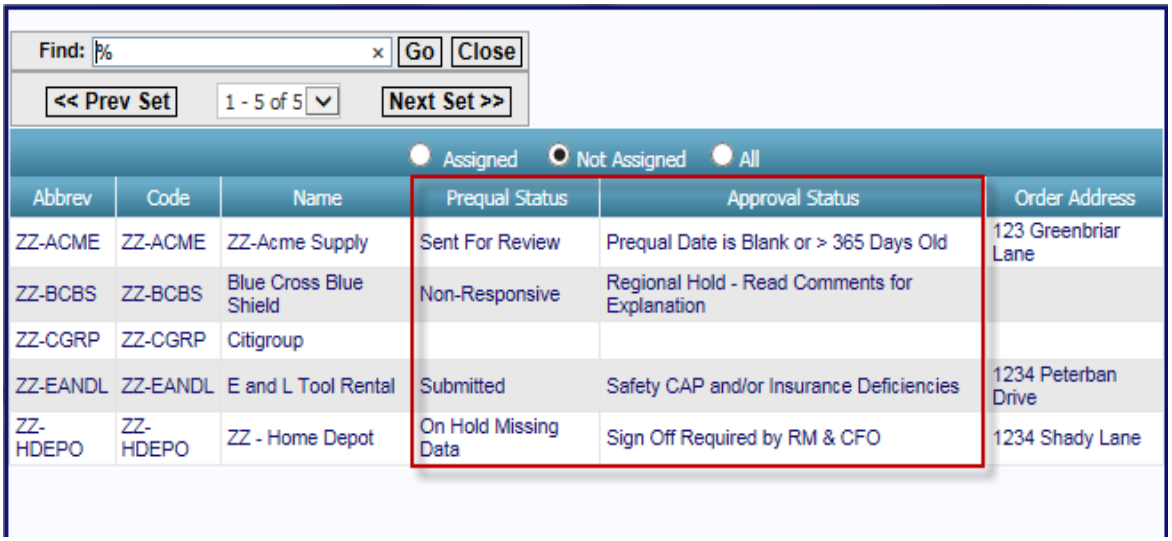
A 'Previously Submitted Units' column has been added to the Billing Units Complete tab. It is the Total of "Today's Units" accumulated for daily journals prior to the current journal date, for SUBMITTED journals.





The Daily Journal Reports (PM4010.REP, PM4010_2.REP, PM4010_3 (Jasper)) have been modified to show this new column as well.

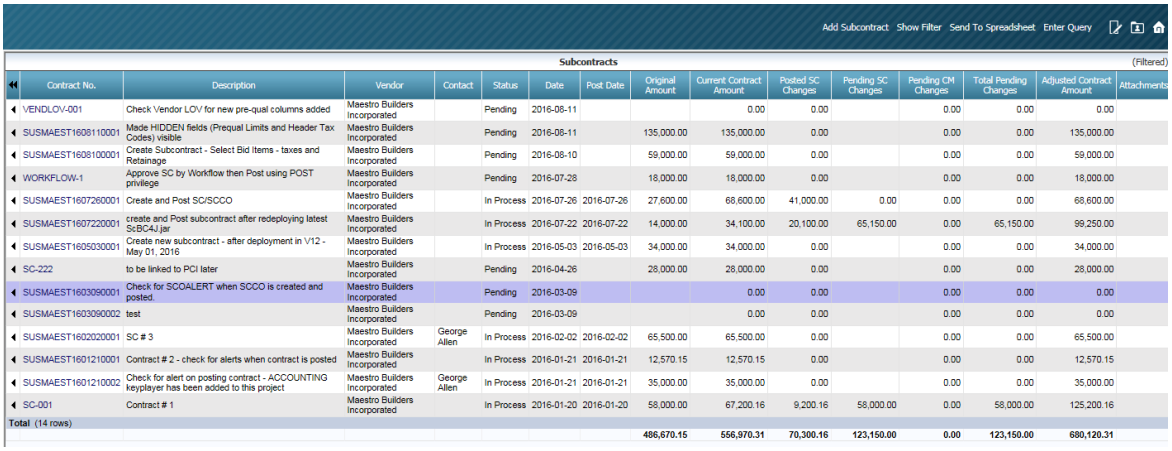
Vendor LOV – Pre-qualification and Approval Status (16.15818)



Abbrev	Code	Name	Prequal Status	Approval Status	Order Address
ZZ-ACME	ZZ-ACME	ZZ-Acme Supply	Sent For Review	Prequal Date is Blank or > 365 Days Old	123 Greenbriar Lane
ZZ-BCBS	ZZ-BCBS	Blue Cross Blue Shield	Non-Responsive	Regional Hold - Read Comments for Explanation	
ZZ-CGRP	ZZ-CGRP	Citigroup			
ZZ-EANDL	ZZ-EANDL	E and L Tool Rental	Submitted	Safety CAP and/or Insurance Deficiencies	1234 Peterban Drive
ZZ-HDEPO	ZZ-HDEPO	ZZ - Home Depot	On Hold Missing Data	Sign Off Required by RM & CFO	1234 Shady Lane

Added the columns: Pre-qualification Status and Approval Status in the Vendors LOV.

PM Logs – Highlight Record Accessed (16.15823)



Contract No.	Description	Vendor	Contact	Status	Date	Post Date	Original Amount	Current Contract Amount	Posted SC Changes	Pending SC Changes	Pending CM Changes	Total Pending Changes	Adjusted Contract Amount	Attachments
VENDLOV-001	Check Vendor LOV for new pre-qual columns added	Maestro Builders Incorporated		Pending	2016-08-11			0.00	0.00		0.00	0.00	0.00	
SUSMAEST1608110001	Made HIDDEN fields (Prequal Limits and Header Tax Codes) visible	Maestro Builders Incorporated		Pending	2016-08-11		135,000.00	135,000.00	0.00		0.00	0.00	135,000.00	
SUSMAEST1608100001	Create Subcontract - Select Bid Items - taxes and Retainage	Maestro Builders Incorporated		Pending	2016-08-10		59,000.00	59,000.00	0.00		0.00	0.00	59,000.00	
WORKFLOW-1	Approve SC by Workflow then Post using POST privilege	Maestro Builders Incorporated		Pending	2016-07-28		18,000.00	18,000.00	0.00		0.00	0.00	18,000.00	
SUSMAEST1607260001	Create and Post SC/SCCO	Maestro Builders Incorporated		In Process	2016-07-26	2016-07-26	27,600.00	68,600.00	41,000.00	0.00	0.00	0.00	68,600.00	
SUSMAEST1607220001	create and Post subcontract after redeploying latest ScBC4J.jar	Maestro Builders Incorporated		In Process	2016-07-22	2016-07-22	14,000.00	34,100.00	20,100.00	65,150.00	0.00	65,150.00	99,250.00	
SUSMAEST1605030001	Create new subcontract - after deployment in V12 - May 01, 2016	Maestro Builders Incorporated		In Process	2016-05-03	2016-05-03	34,000.00	34,000.00	0.00		0.00	0.00	34,000.00	
SC-222	to be linked to PCI later	Maestro Builders Incorporated		Pending	2016-04-26		28,000.00	28,000.00	0.00		0.00	0.00	28,000.00	
SUSMAEST1603090001	Check for SCOALERT when SCCO is created and posted.	Maestro Builders Incorporated		Pending	2016-03-09			0.00	0.00		0.00	0.00	0.00	
SUSMAEST1603090002	test	Maestro Builders Incorporated		Pending	2016-03-09			0.00	0.00		0.00	0.00	0.00	
SUSMAEST1602020001	SC # 3	Maestro Builders Incorporated	George Allen	In Process	2016-02-02	2016-02-02	65,500.00	65,500.00	0.00		0.00	0.00	65,500.00	
SUSMAEST1601210001	Contract # 2 - check for alerts when contract is posted	Maestro Builders Incorporated		In Process	2016-01-21	2016-01-21	12,570.15	12,570.15	0.00		0.00	0.00	12,570.15	
SUSMAEST1601210002	Check for alert on posting contract - ACCOUNTING keyplayer has been added to this project	Maestro Builders Incorporated	George Allen	In Process	2016-01-21	2016-01-21	35,000.00	35,000.00	0.00		0.00	0.00	35,000.00	
SC-001	Contract # 1	Maestro Builders Incorporated		In Process	2016-01-20	2016-01-20	58,000.00	67,200.16	9,200.16	58,000.00	0.00	58,000.00	125,200.16	
Total (14 rows)							486,670.15	556,970.31	70,300.16	123,150.00	0.00	123,150.00	680,120.31	

PM Logs - Added functionality to highlight the current row when user returns to a PM Log after clicking [Back to Log].

Converting DOCX to PDF when Printing Documents (15.11771)

SETUP

1) LibreOffice Installation - Apache LibreOffice is used to do the conversion of the DOCX to PDF

It is a manual installation, and required to be the following:

{cmHome}\{version}\{environment}\sql\LibreOffice

(ex. D:\cm\v10\prod\sql\LibreOffice)

NOTE: Changes are not available for Unix.

2) LibreOffice license link

https://www.libreoffice.org/about-us/licenses/

RULES

To convert an MS Word DOCX file to PDF, the following rules apply:

a) DOCX template must not be in compatibility mode on MS Word 2016

b) for layout, use tables, otherwise there will be a misalignment issue and CMiC will not be supporting this

FEATURE DESCRIPTION

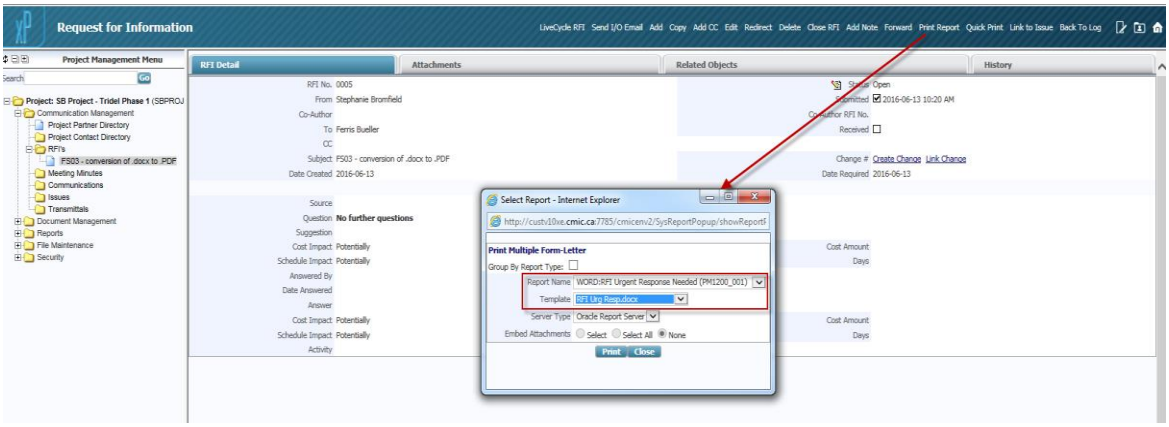
This feature allows the user to print a DOCX file as a PDF rather than only as a DOCX, the only option which was available in CMiC up to this point.

When printing a Form Letter based on a DOCX template the available destinations are “Preview” and “Email”.

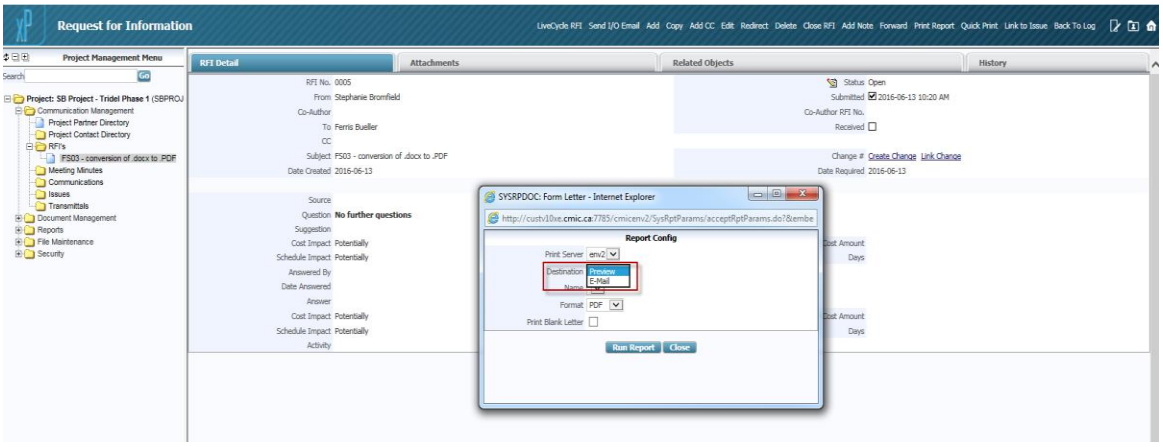
When “Email” is selected, the Email popup offers additional format options: PDF or DOCX.

Below are sample screenshots for a possible path to printing a PDF from a DOCX report.

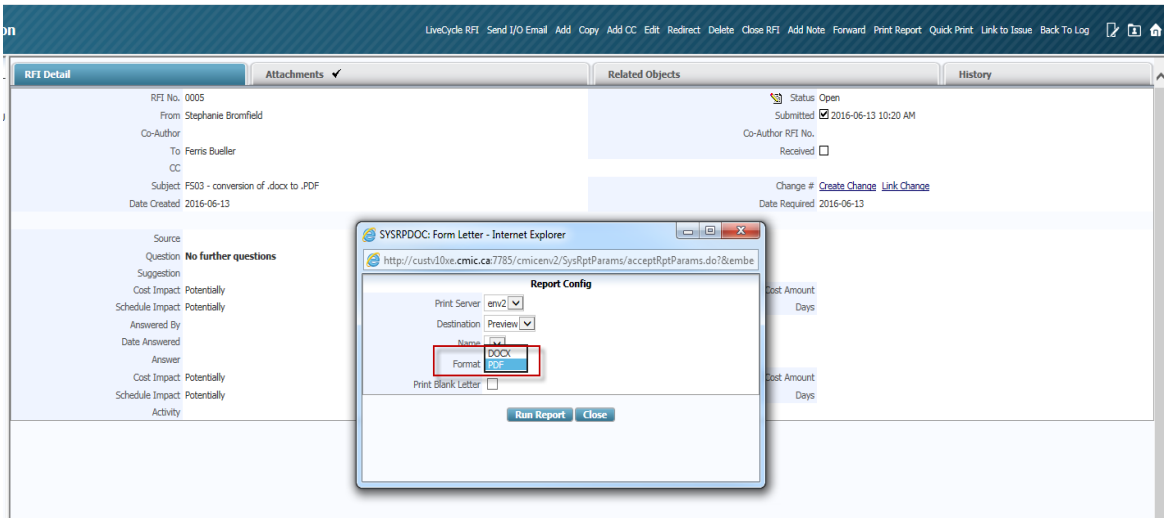
First, select the DOCX report from the reports list when the [**Print Report**] button is clicked:



Next, select the **Destination** and **Format** on the Report Config popup window:

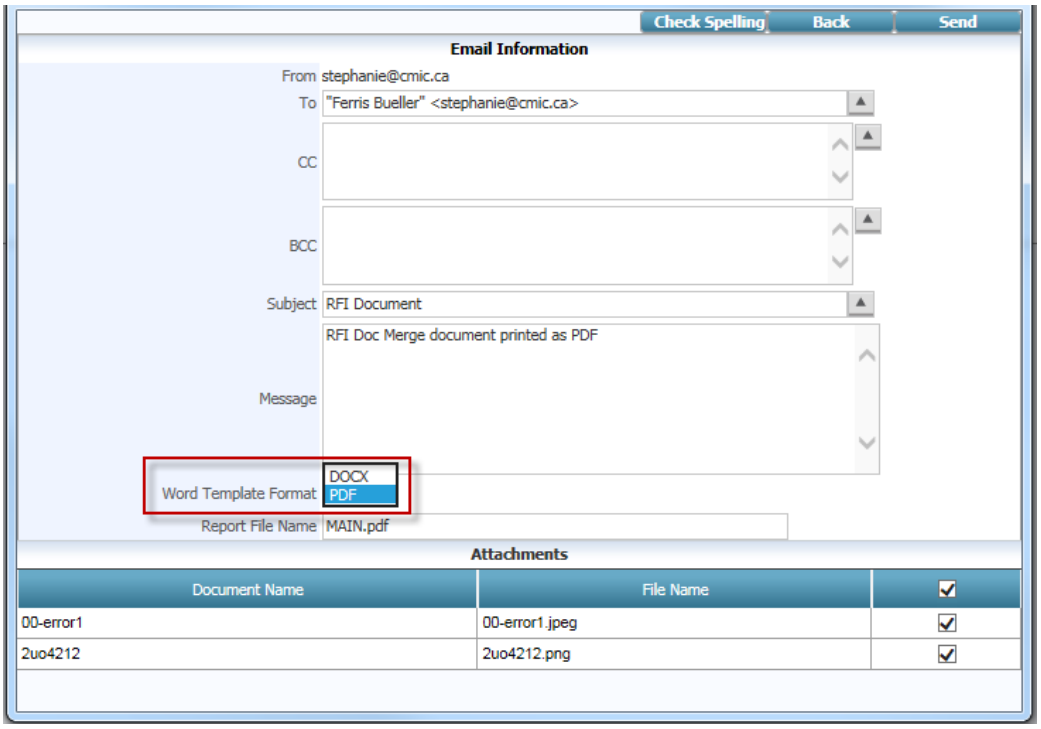


When the Destination is ‘Preview’, you can chose the Format as either DOCX or PDF.



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.

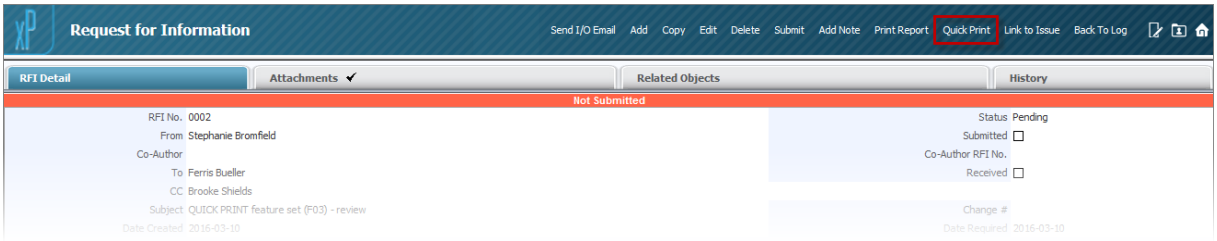


Select PDF then click [**Send**], and the resulting e-mail that is sent will have the DOCX report converted to a PDF:

Forecast Date Defaults as Posting Date (16.15822)

Changes applied to default the JC Control - Forecast Period - End Date as the Posting Date for Subcontracts, Subcontract Change Orders, PCI's, Owner Change Orders, Request For Payment. This is achieved via a PM Systems Options flag (PMSYS_POST_DT_ON_FRCST_PER_FL): when set to Y = If the forecast period is different from current month, last day of period or current date comes as default date for posting, whichever is earlier. This flag is updated in the table – there is no user interface screen.

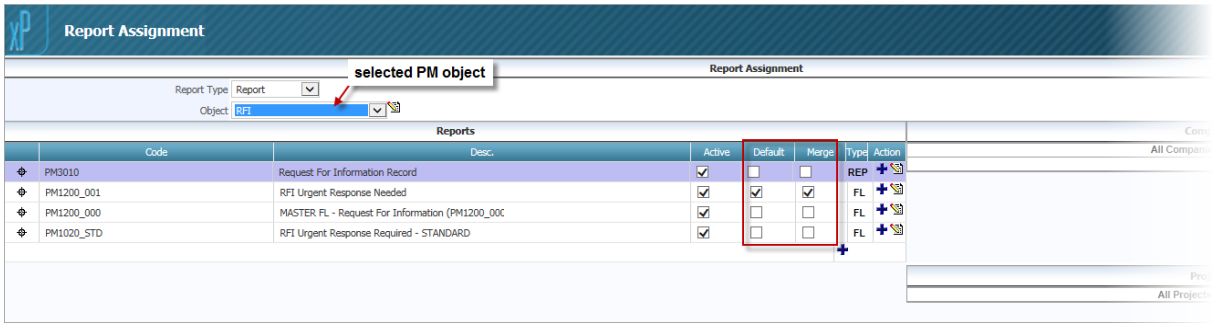
Quick Print (15.09655)



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.

Auto Indexing of Object Metadata (15.06721)

Introduction

This application automatically transfers the Object metadata to attachment metadata. Initially, mapping must be done for binding the object to the document type and their fields.

Prerequisites:

This application is Admin managed application. The mapping will be done by Admin.

For mappings the following conditions should be fulfilled:

1. This is a licensing based application. The data would be transferred only if the licensing flag is enable. If licensing flag is disable. No data would be transferred.
2. The mapping should only be done as explained in the below steps.

Functions:

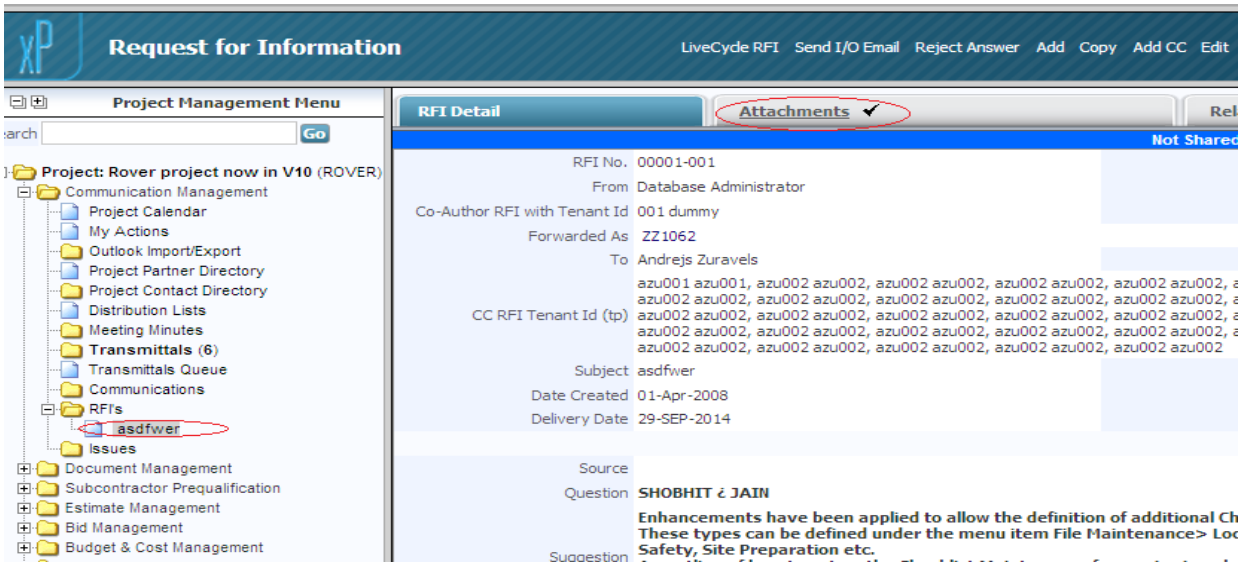
- Mapping of Object to document types.

- Upload the new attachment and transfer the metadata to mapped fields of selected document type.

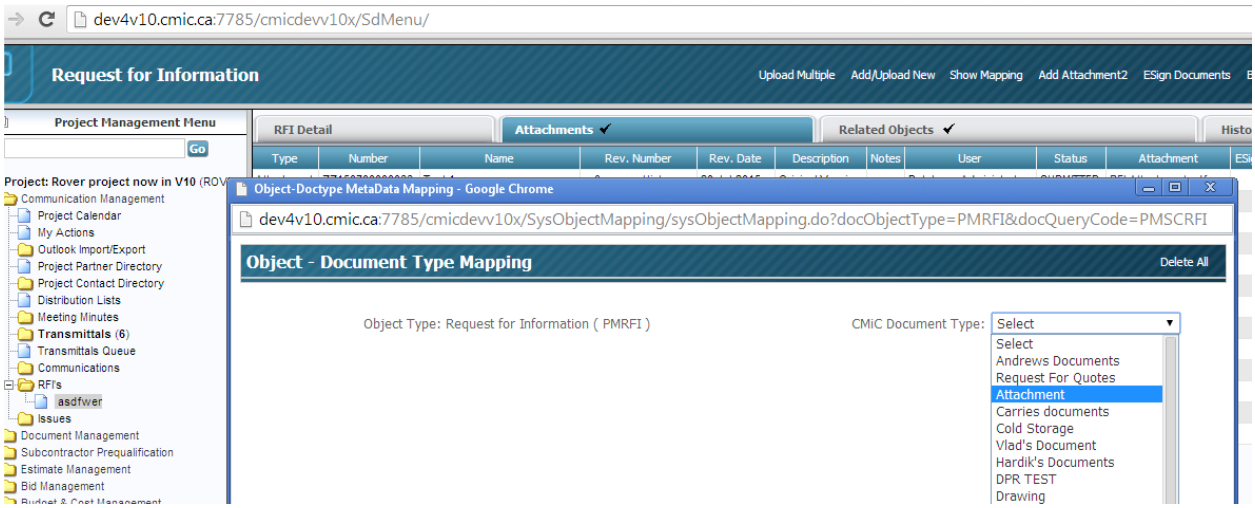
How it Works

Phase 1: Mapping Phase:

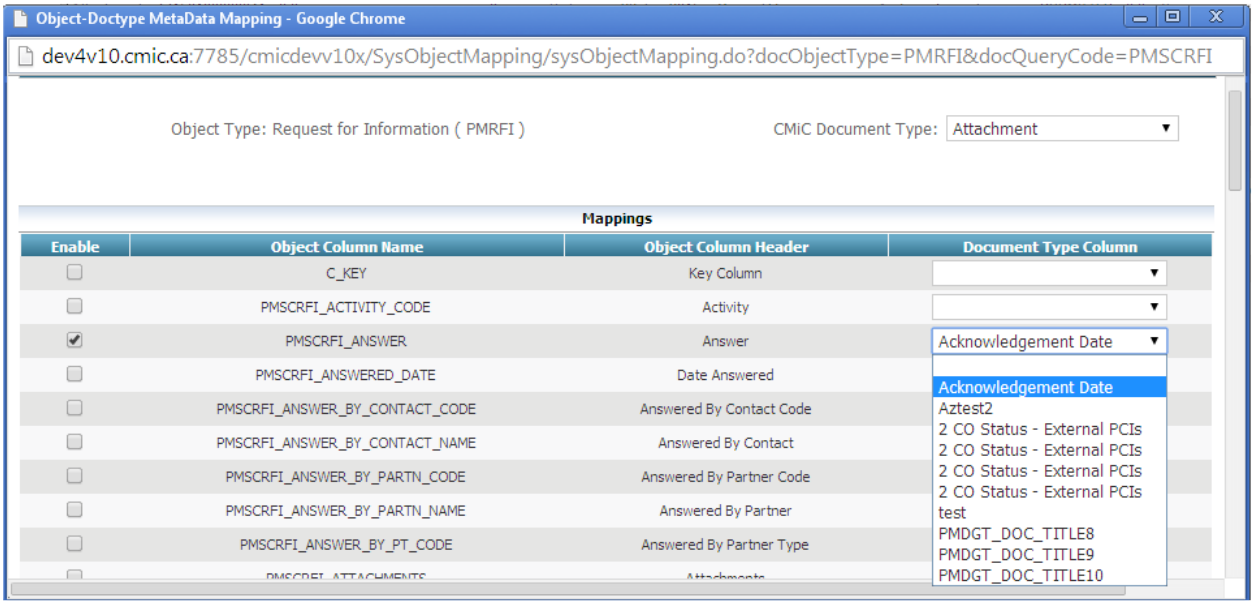
Go to the Attachment tab of any existing object of the Object type which needs to be mapped.



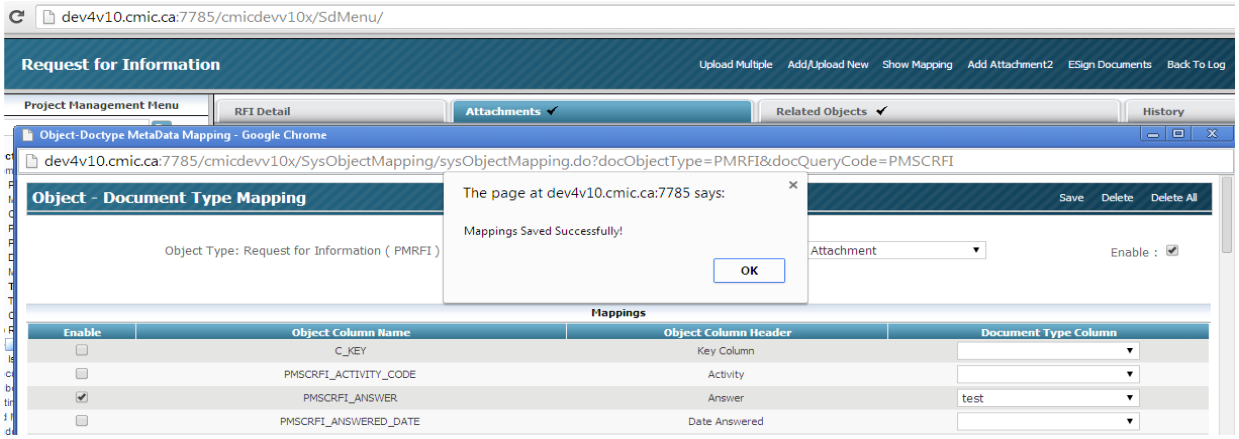
1. Click the Show Mapping button : The Mapping screen will pop- up
2. Select Document type :



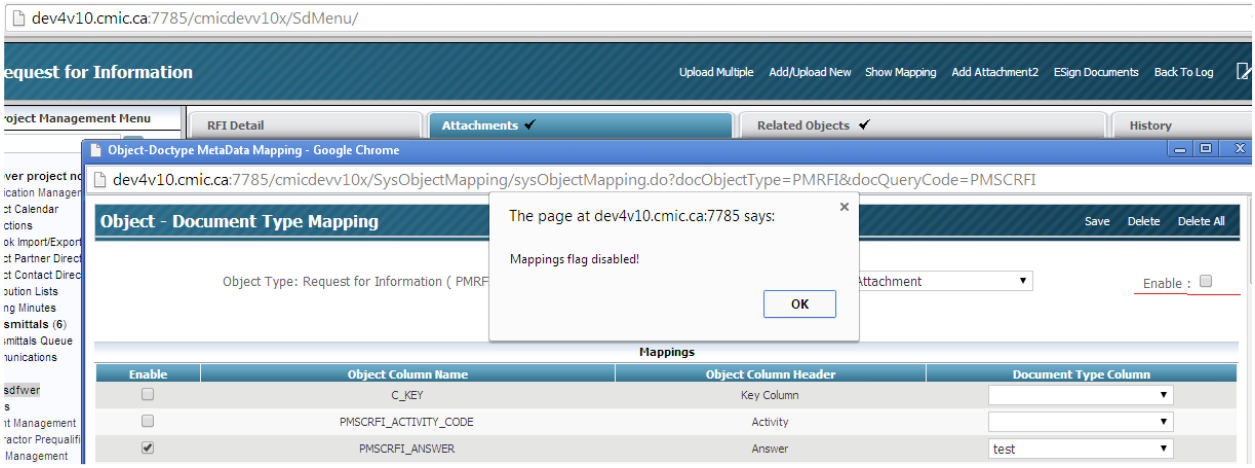
3. Enable the check box corresponding to Object field, it will enable the mapping for that Object column. Select document type column. Maximum 10 mappings can be selected.



4. Click the save button after selection. A pop-up message will appear after saving the mappings.
5. One Object type can map to multiple document types but one document type can map to a single Object type.
6. Delete button is for delete the mapping for selected document type.
7. Delete all button works for delete the all mappings for current object.



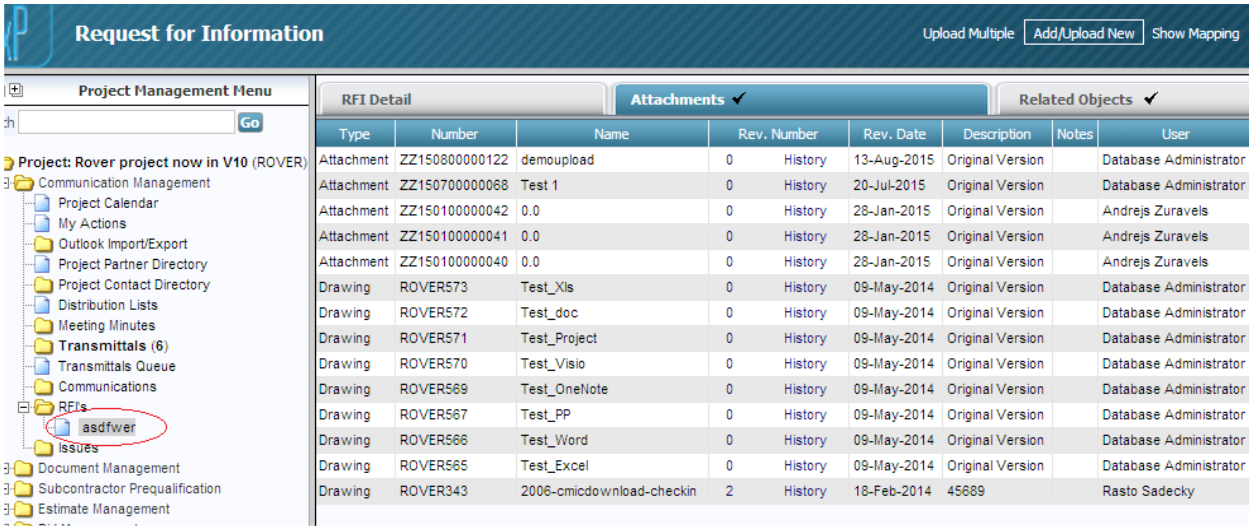
8. Enable check-box appear for enable/disable the metadata transfer. Mapping can be disabled by click on the save button after uncheck the “Enable check-box”.



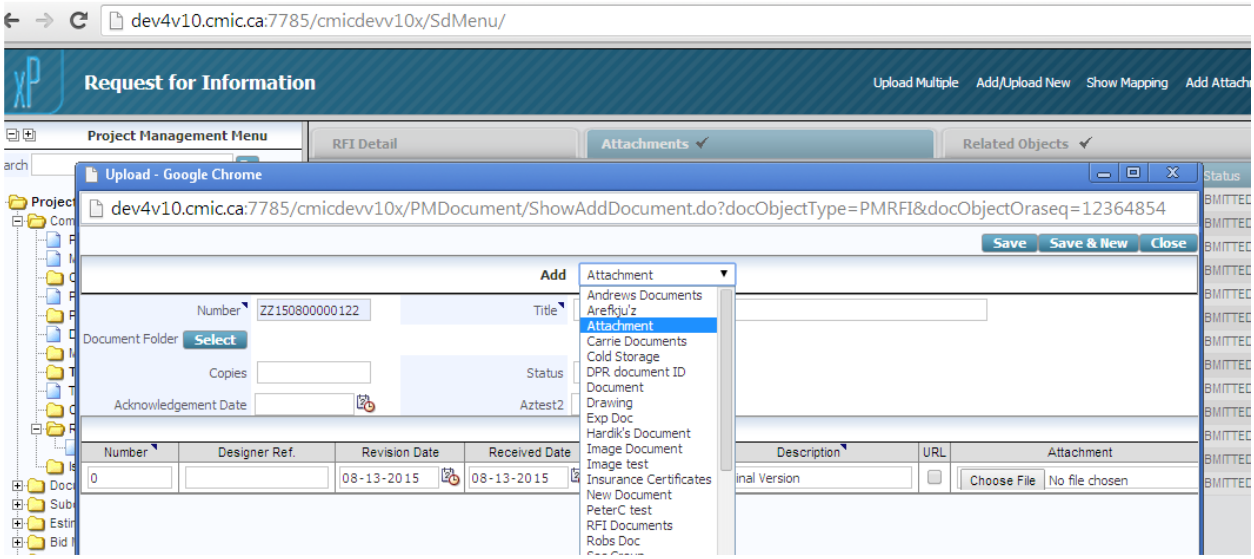
Note: The [Show Mapping] button will not work if launched from anywhere except explained above. Do not do the mapping while adding new object.

Phase 2: Upload Attachment:

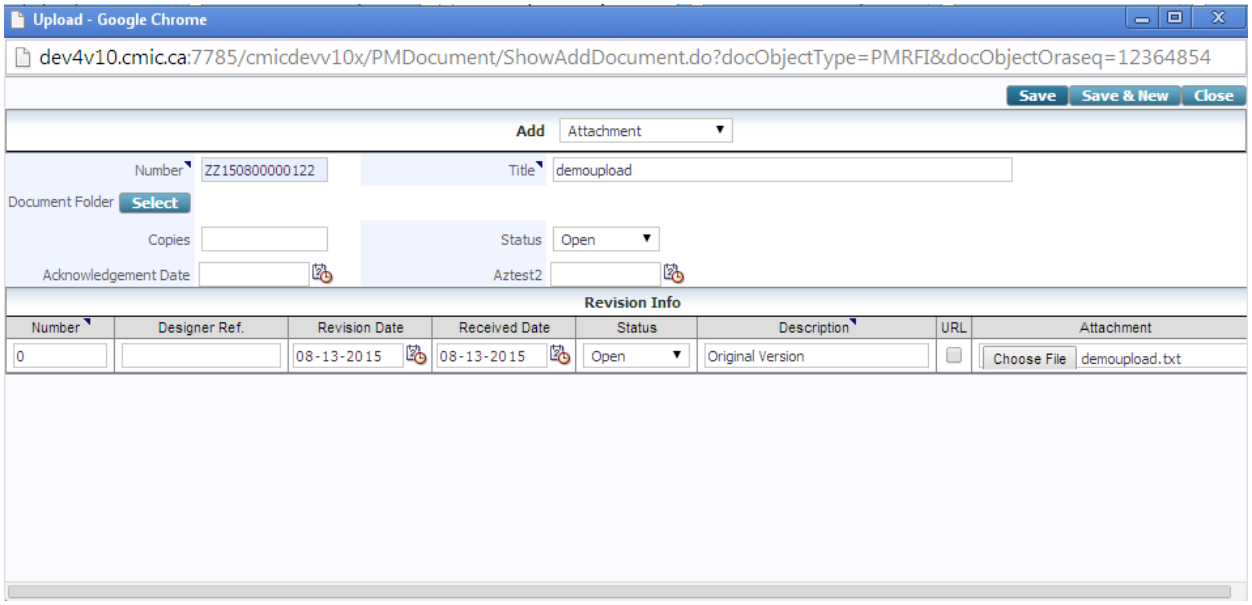
1. Go to Attachment tab of existing Object and click the Add/Upload New button.



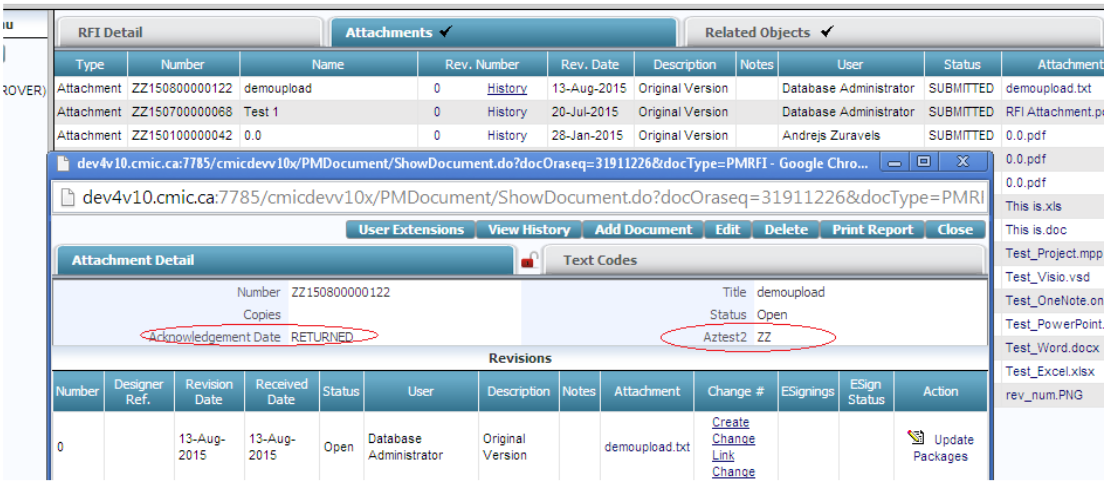
2. Pop-up will appear. Select the document type.



3. Upload the file and click save button.

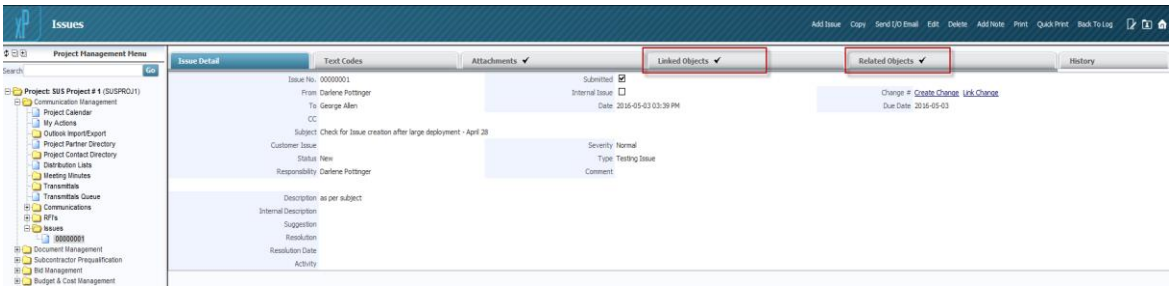


4. Open the history of attachment and check the metadata transferred.



5. The same works for ‘Multiple Upload’ and adding existing attachment.

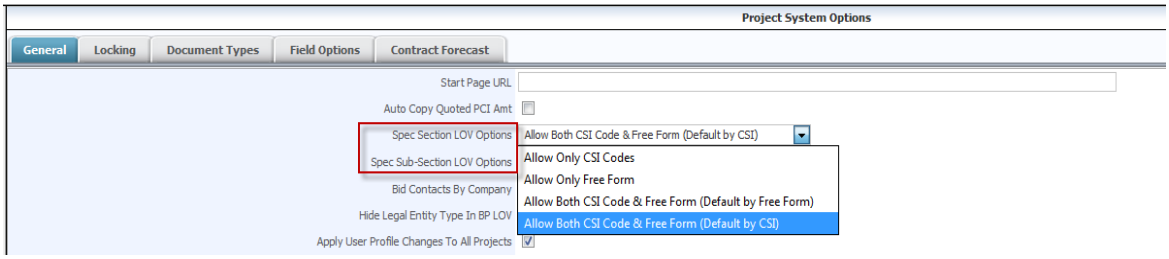
Issues – Linked Objects and Related Objects tabs (14.87892)



The following changes have been applied to the Issues program:

- the ‘Related Objects’ tab that previously appeared on the Issues screen has been renamed to ‘Linked Objects’, and a new tab called ‘Related Objects’ has been added to show the objects related via the new method used by other objects. As such, the Issues screen now has two separate tabs. One labelled ‘Related Objects and the other labelled ‘Linked Objects’.)
- the button on the ‘Linked Objects’ tab has been renamed to ‘Link Objects’ rather than ‘Assign Objects’ so the terminology is consistent.
- For objects added in the Related Objects tab of an Issue, the issue will be available in the Related Objects tab of that object and vice versa.
- whatever is added via the Linked Objects tab in the Issues screen will not be available in the Related Objects tab of other objects anymore and will be visible in the Link to Issue screen (after click on Link to Issues button) and vice versa.
- field security can be applied to both tabs.

Submittal/Submittal Package CSI and Free Form Defaults (15.07938)

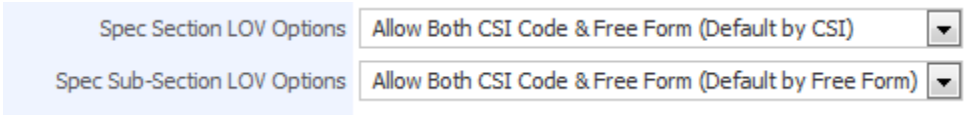


An enhancement has been made to the Spec Section and Spec Sub-Section LOV Options in PM System Options, as they relate to Submittal and Submittal Packages. Previously, there was an option to Allow Both CSI Code and Free Form codes in the LOV. This has been separated into two options so that when the LOV allows both options, the user can indicate which option it will default with. The two new options are:

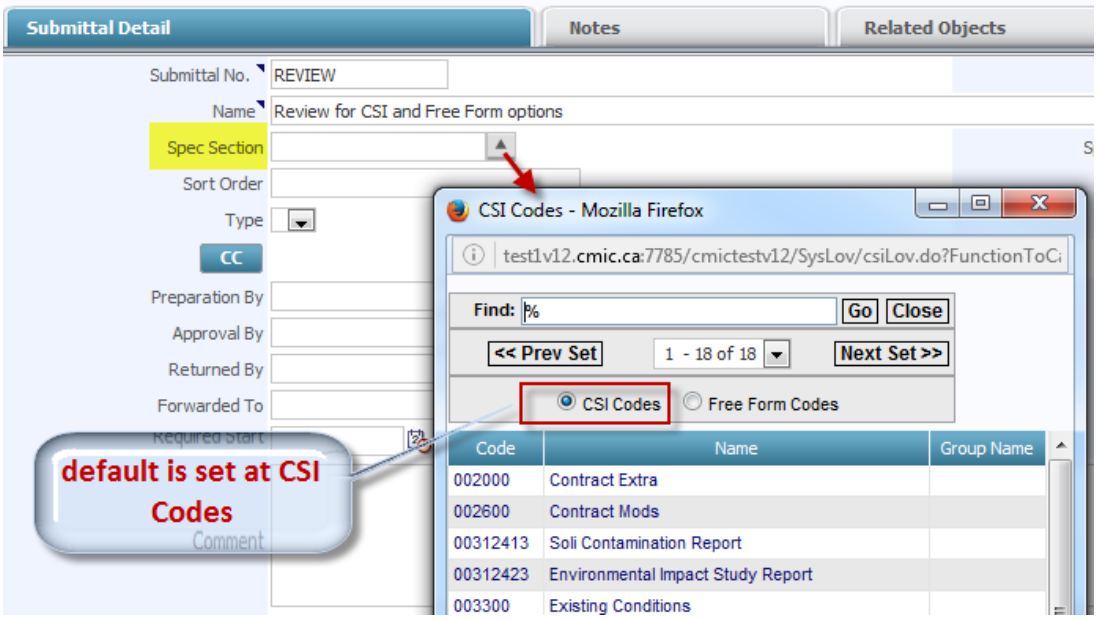
- Allow Both CSI Code and Free Form (Default by Free Form) – both options are available in the LOV's but the default is set at Free Form
- Allow Both CSI Code and Free Form (Default by CSI) – both options are available in the LOV's but the default is set at CSI

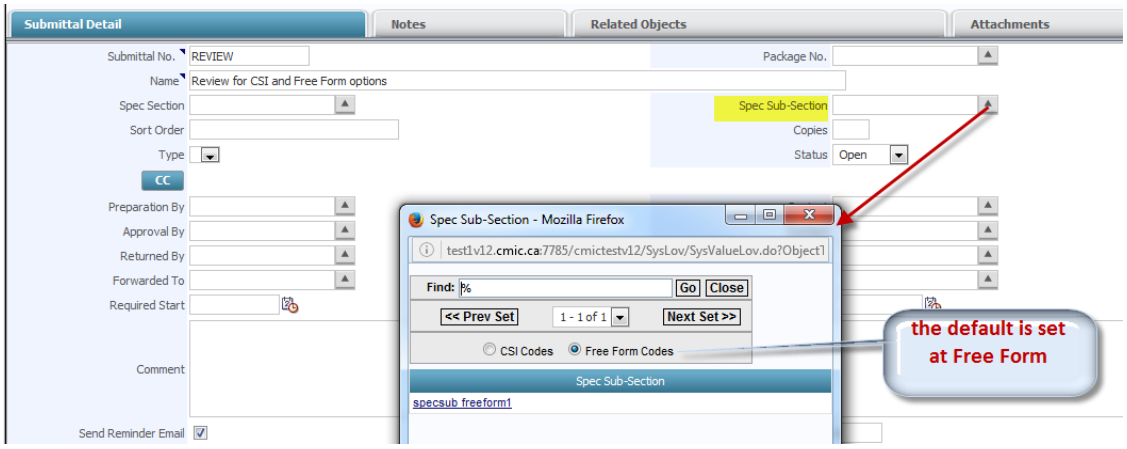
For example:

With the settings:

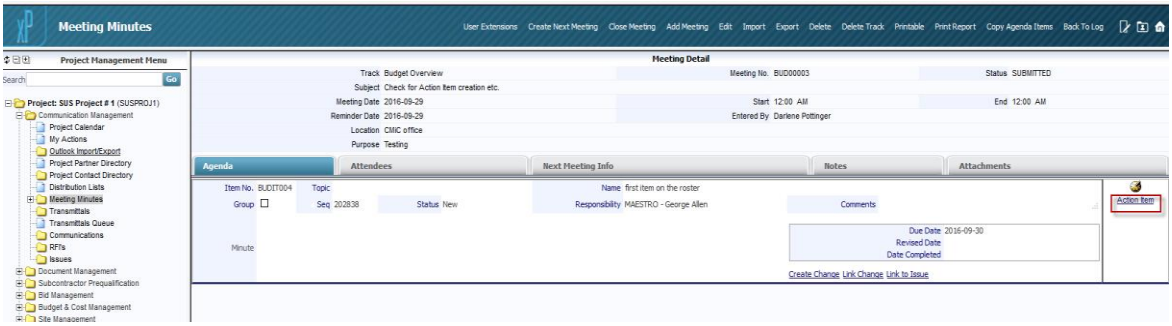


The corresponding LOV's will display:

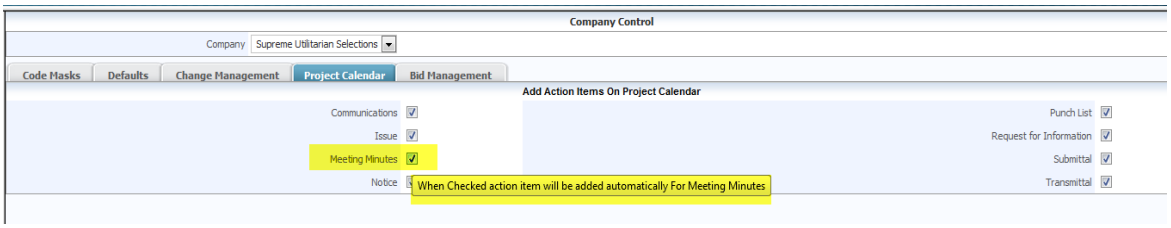




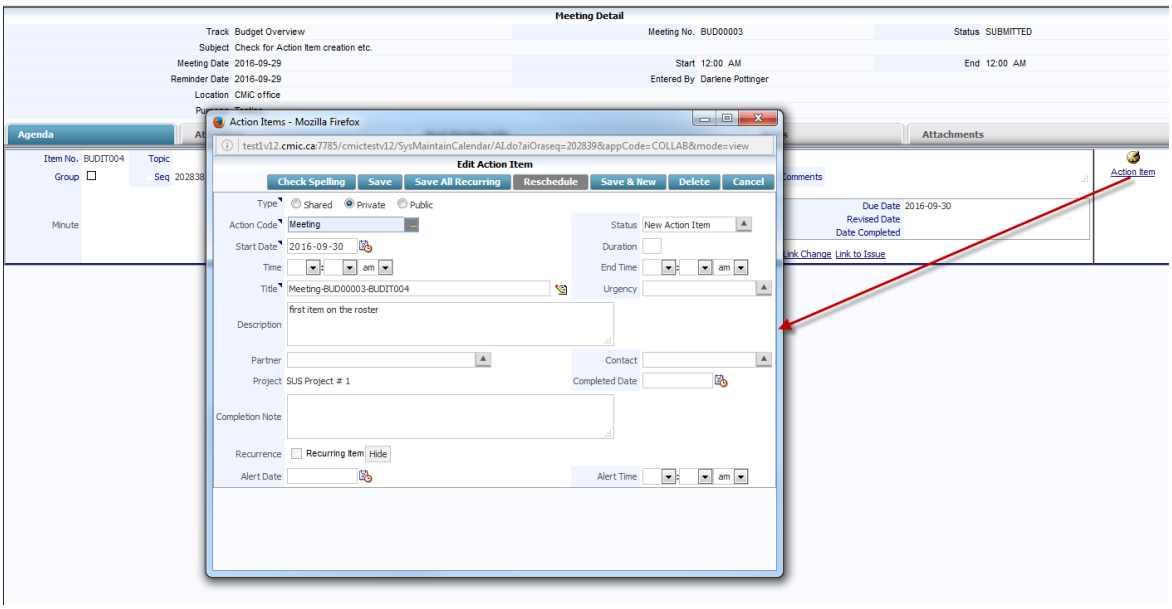
Meeting Minutes Action Item Link (16.15079)



Added the 'Action Item' link to view related action items for agenda items. This link is visible when the PM Control – Project Calendar tab flag is checked:

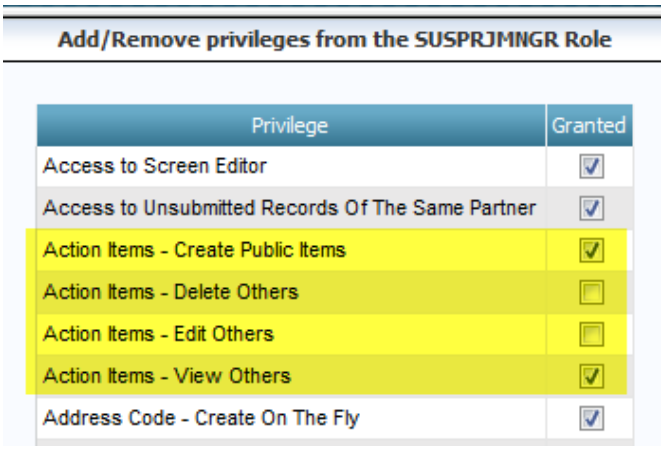


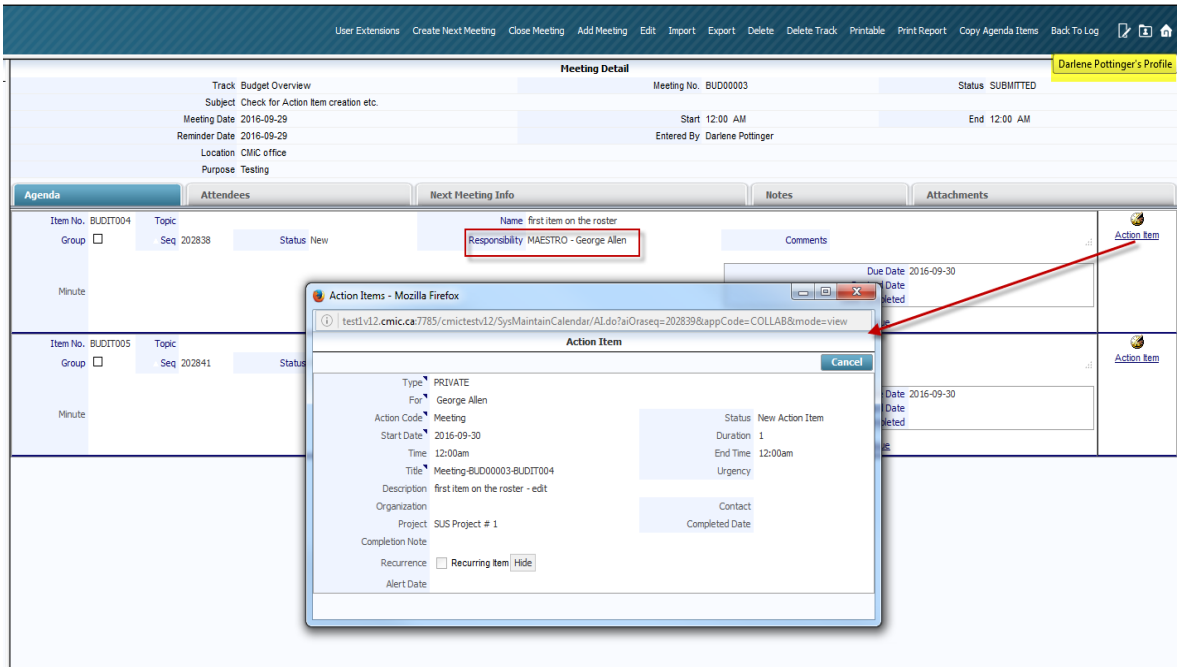
When Action Items are created for Meeting Minutes as a result of this flag being checked, the link provides a way of openng up the Action Item from within the Meeting Minutes, so that any edits made by the person responsible (from their My Actions page) are easily accessible.



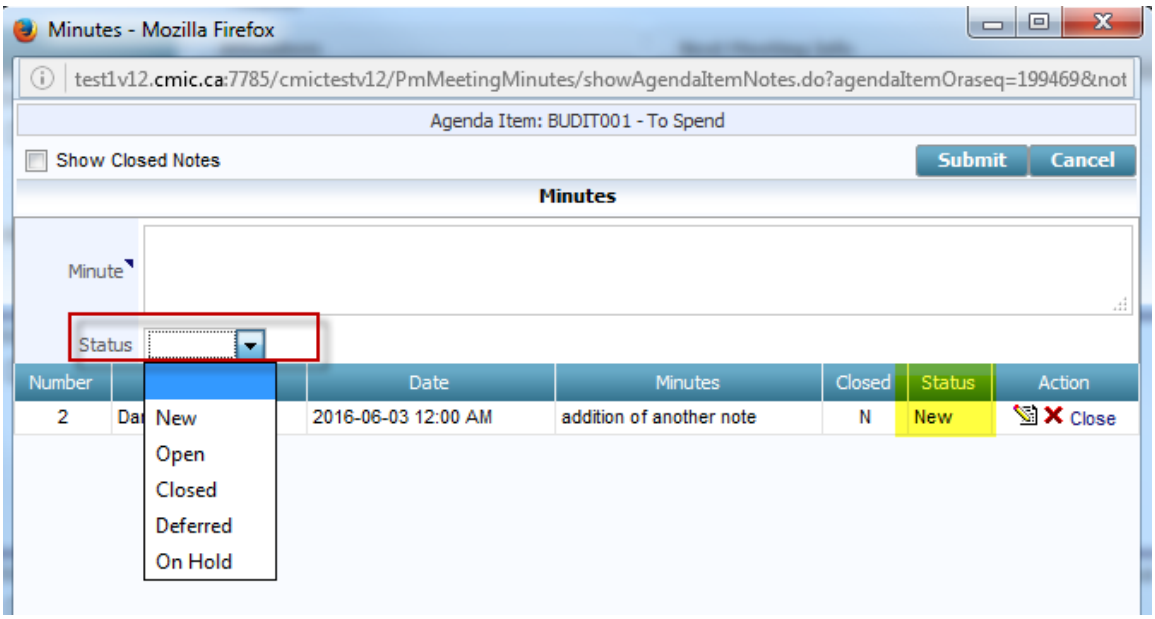
Also, changes are made for not allowing a user to modify the action item if the user is not responsible for the action item.

For example, after setting the privileges for the current user, in the screenshot below, current user Darlene Pottinger, can view but not edit the action item that has George Allen as responsible contact:





Meeting Minutes Notes Status (16.21054)



Modifications have been made to allow for a Status field to be set on each Meeting Minute Note. The list of Statuses used are from the same list used for Meeting Minute Items. There is no link or synchronization between a Meeting Minute Note Status and its associated Meeting Minute Status. This field is not considered mandatory, and is being provided for informational purposes only. No reports were adjusted in relation to this change.

Auto Assignment of Project Selection Program to Security Role (16.21215)

PM Menu - Project Selection - when a new role is created, access to this program is defaulted as 'checked' and read-only, so that the user assigned to this role will automatically have access to project selection, and no one will 'accidentally' un-check the program when assigning security access.

‘Add Attachment’ changed to ‘Edit Details’ (16.23568)

Documents - Changed the button label on all Attachment Tabs from 'Add Attachment' to 'Edit Details' to distinguish from the [Add/Upload New] button.

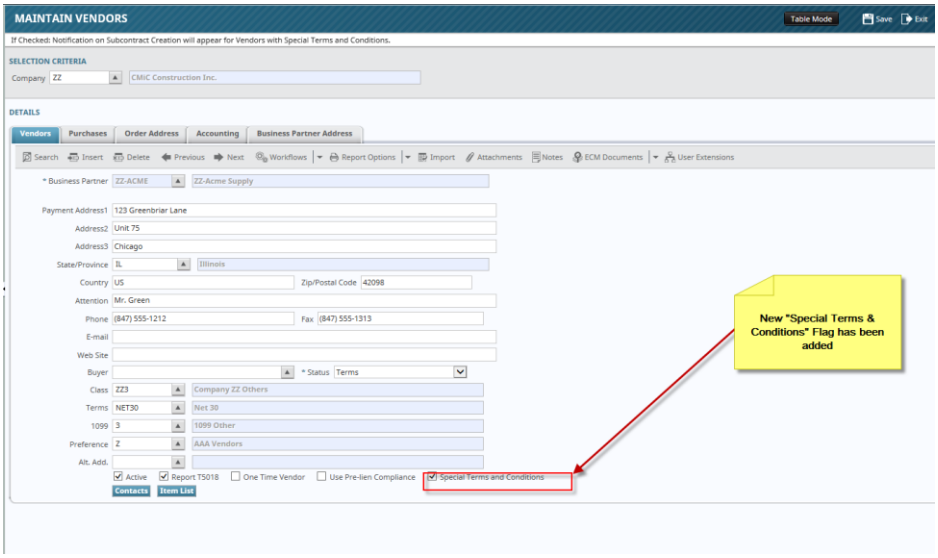
Special Terms & Conditions Flag - Vendor Level (16.21149)

Overview:

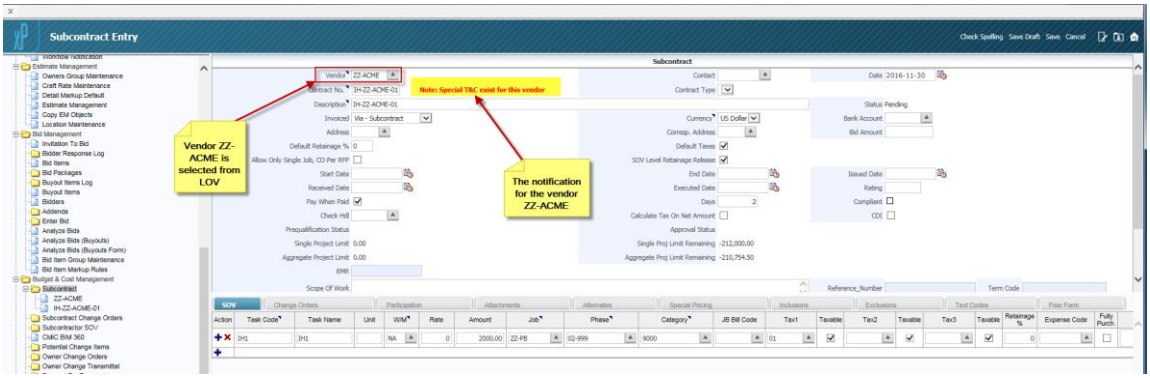
CMiC has added a new checkbox labeled “Special Terms & Conditions” to the Maintain Vendor screen. The Subcontract screen in PM JSP has also been modified to show the notification as “Note: Special Terms and Conditions exist for this vendor” on the screen for the vendors with the flag “Special Terms & Conditions” checked.

Settings and Examples:

1. Check the new flag “Special Terms & Conditions” on the Maintain Vendors screen for the vendor ZZ-ACME:

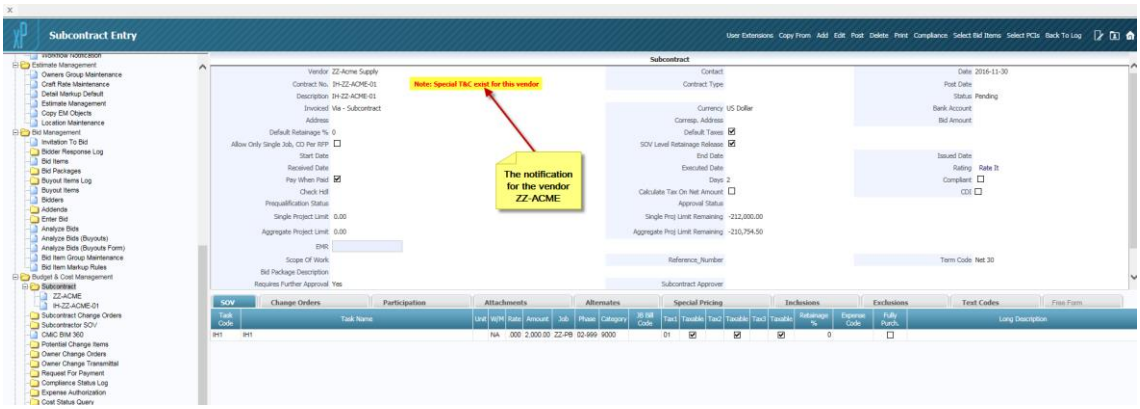


2. Create a Subcontract for the same vendor ZZ-ACME:



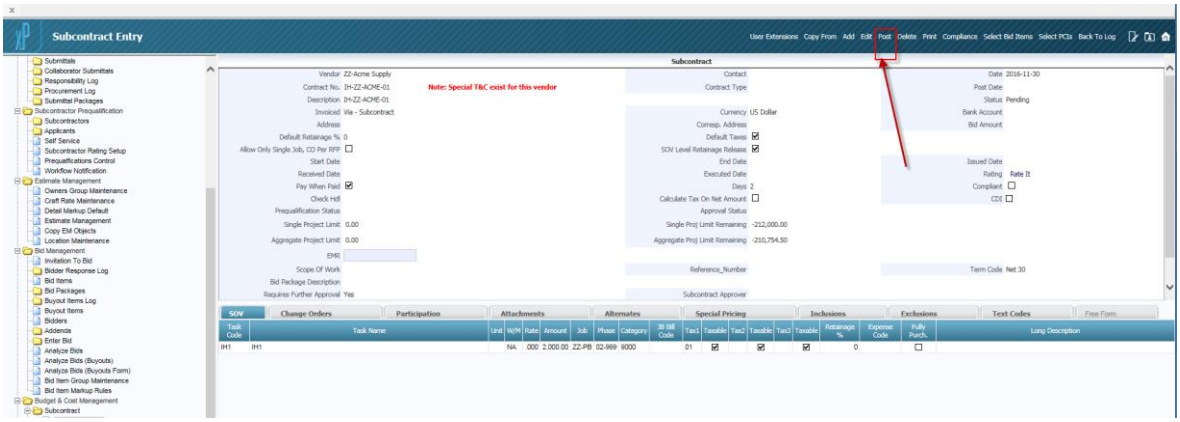
As soon as the vendor ZZ-ACME is selected from the LOV, the notification “Note: Special Terms and Conditions exist for this vendor” appears on the subcontract screen (as shown above).

3. The notification has remained on the screen upon Saving the Subcontract:

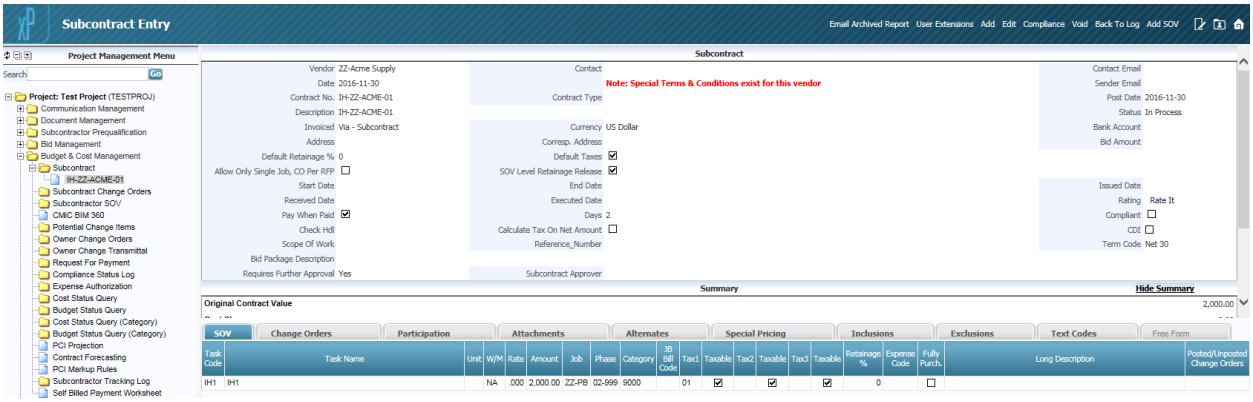


If the user closes the Subcontract, returns to the Log view, and re-opens the same Subcontract (it has a status “Pending”), the notification will still be present on the Subcontract screen.

4. Post the subcontract:



5. The notification on the subcontract screen will remain upon posting the subcontract:



Summary:

The new flag “Special Terms & Conditions” has been added to the Maintain Vendor screen. If this flag is checked, the new subcontract created for this vendor will have the notification as

"Note: Special Terms and Conditions exist for this vendor" on the screen. The notification remains on the subcontract even after posting.

Work Days and Comments added to Bid Items (16.19739)

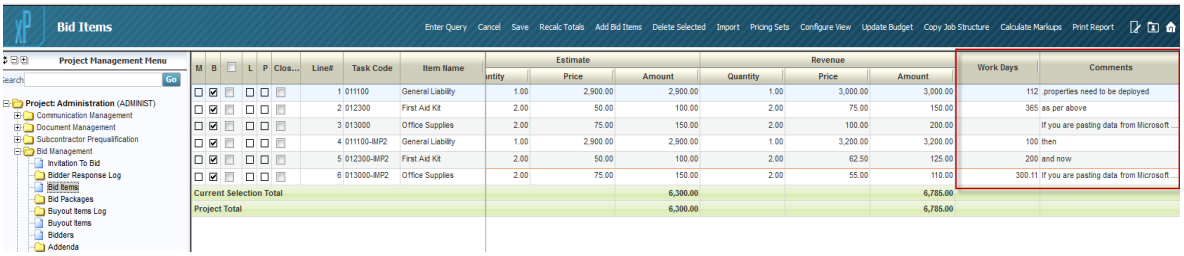
Two fields have been added to the PM JSP Bid Items screen as well as the Bid Item Import. In addition, these two fields have been included in the Cost Status and Budget Status Queries (Category level).

The fields are:

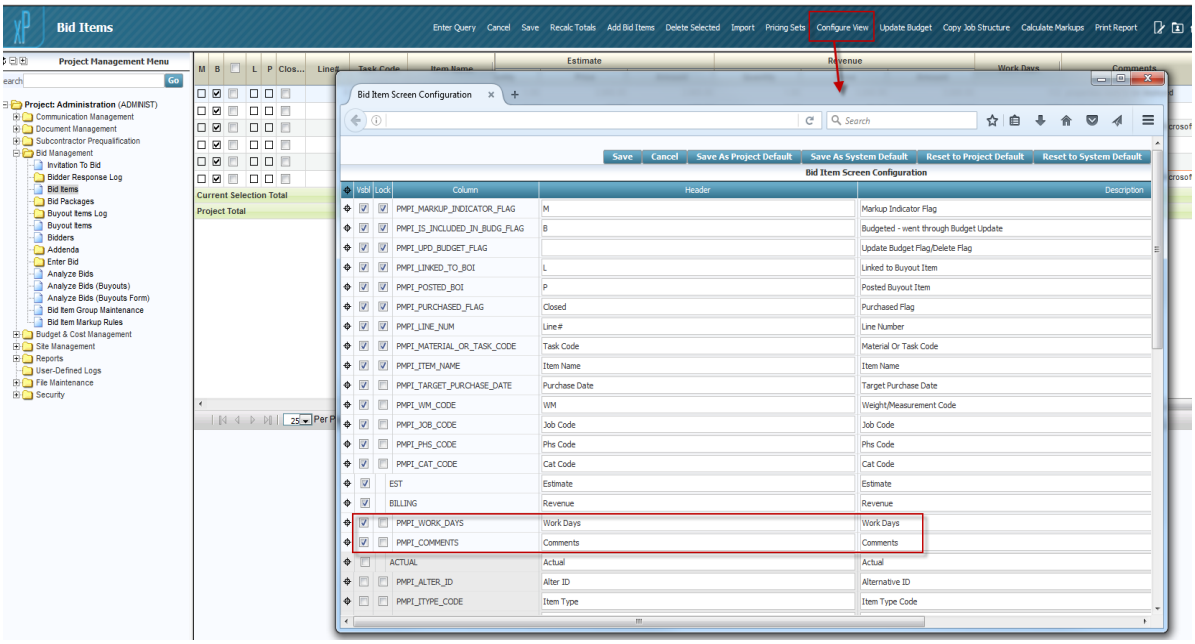
Work Days - numeric

Comments – up to 4000 characters

PMFBII_COMMENTS	VARCHAR2(4000)
PMFBII_WORK_DAYS	NUMBER(6,2)



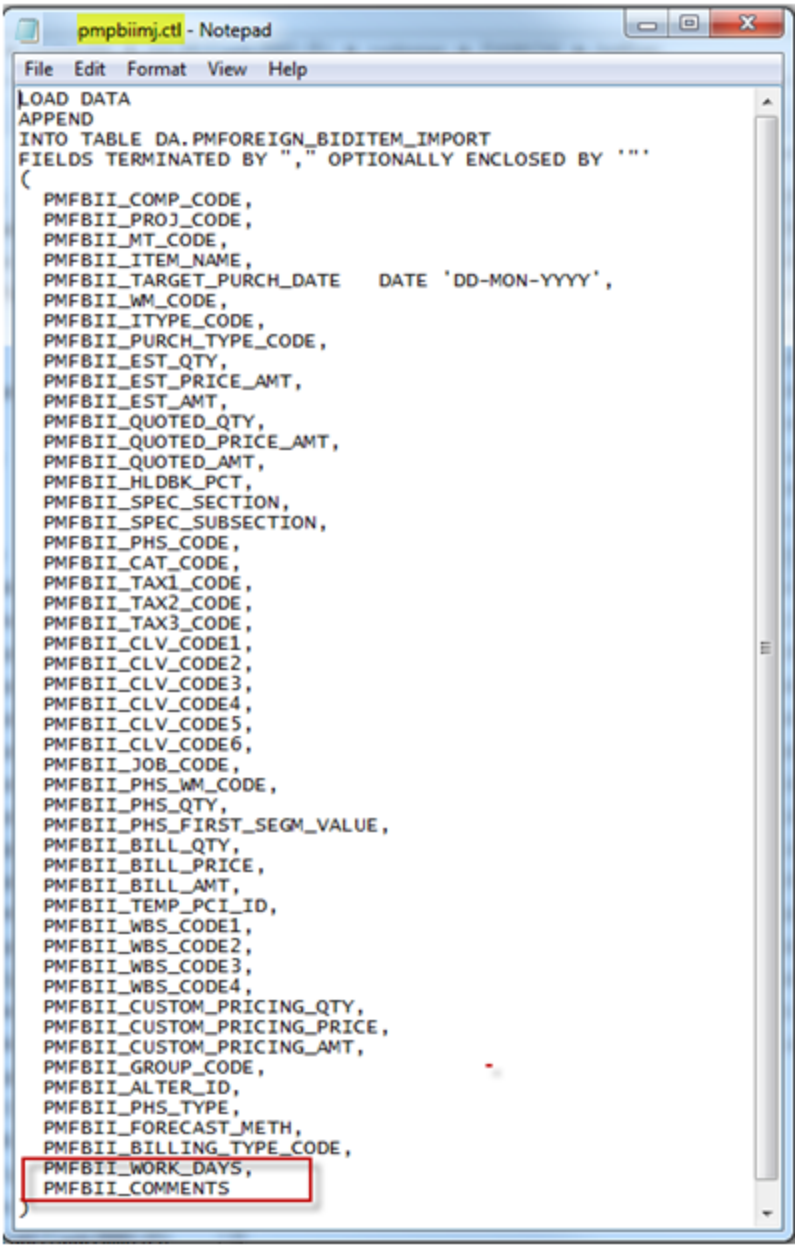
The fields can be added to the Bid Items sigma grid by using the [Configure View] button:



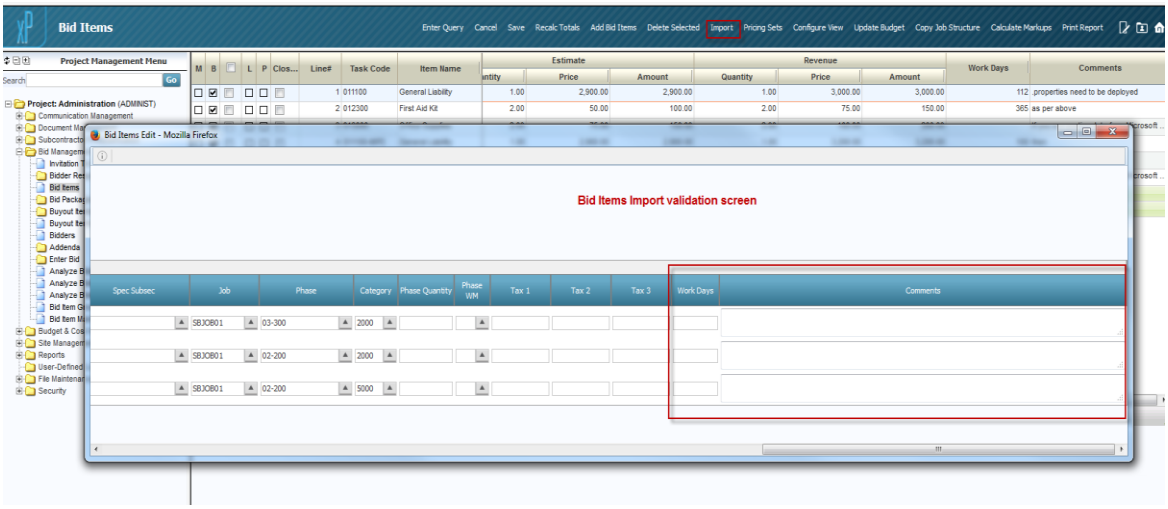
The fields are populated in the Bid Items sigma grid either manually or via the Bid Items Import, and then when the Budget is updated during the Bid Item 'Update Budget' function, they will populate the necessary tables that are used by the Cost and Budget Status Queries.

Bid Item Import

The Import control file has the updated definition (file = pmpbiimj.ctl):



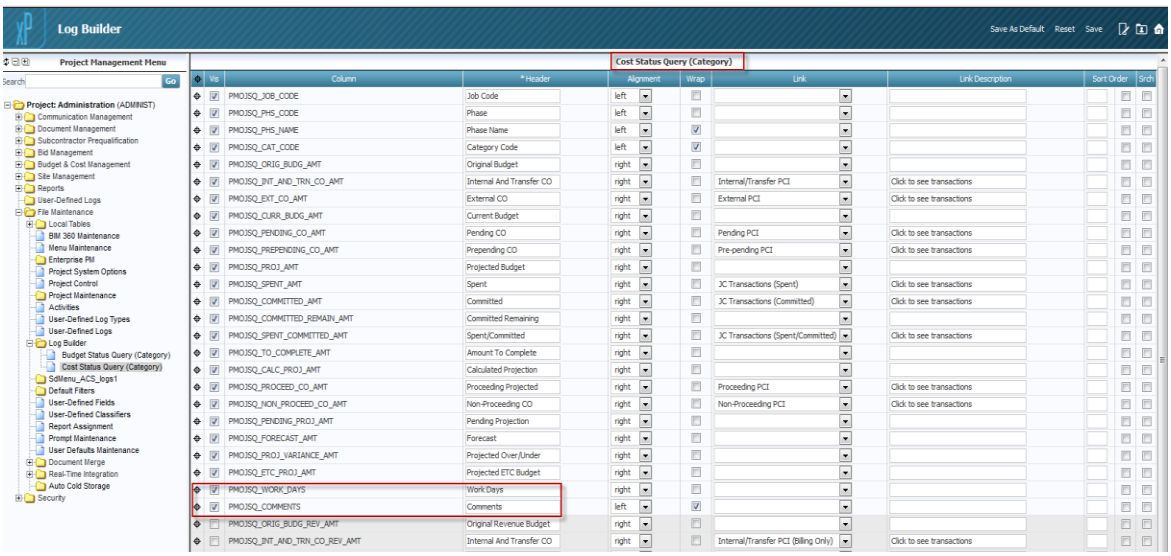
The Import Validation screen will display the Work Days and Comments fields:

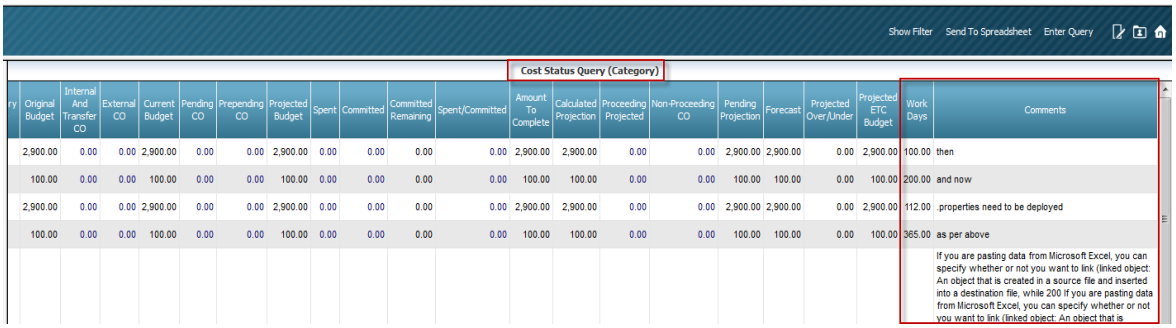


Cost and Budget Status Queries (Category level) – Log Builder

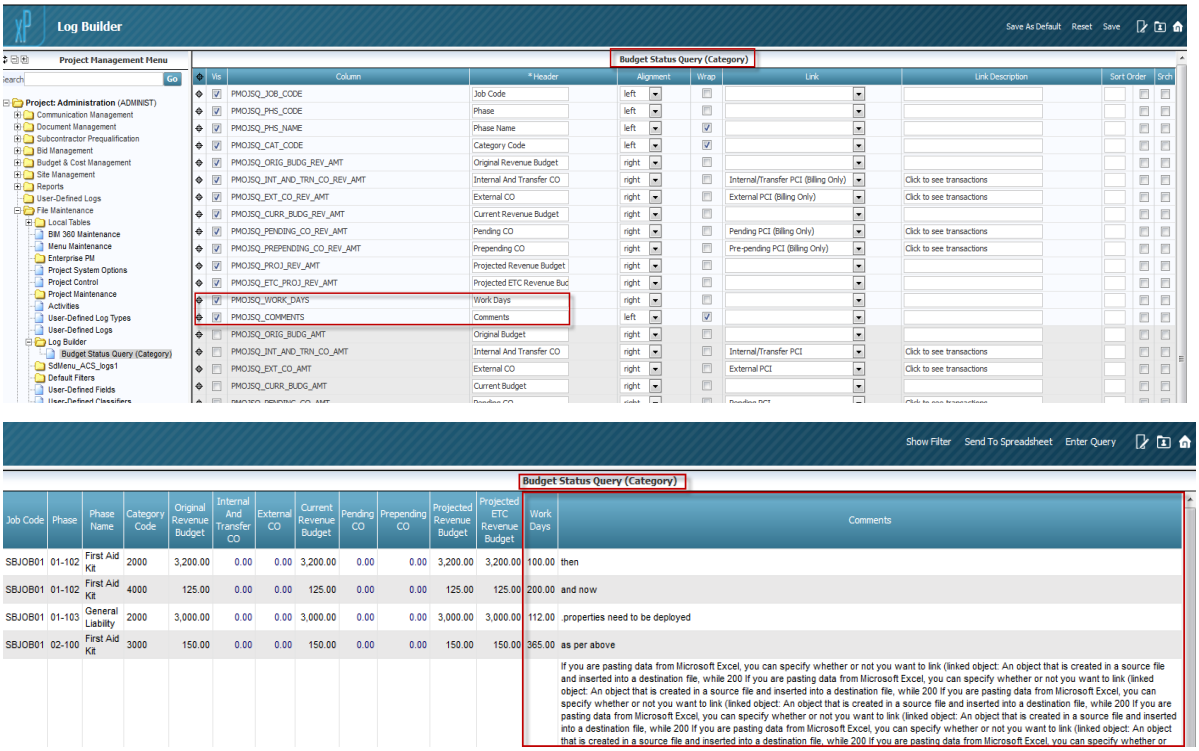
To include the Work Days and the Comments fields in the query screens, the user will be required to go to the Log Builder and select the columns for the two logs:

Cost Status Query (Category) Log:





Budget Status Query (Category) Log:



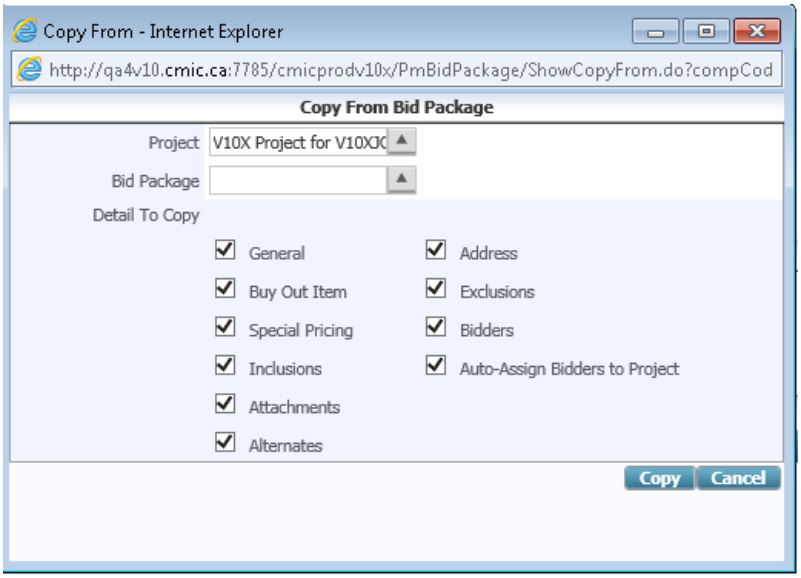
Copy From Bid Package or Subcontract to Bid Package (15.12824, 15.12888)

Changes have been made to the Copy From functionality in Bid Package to

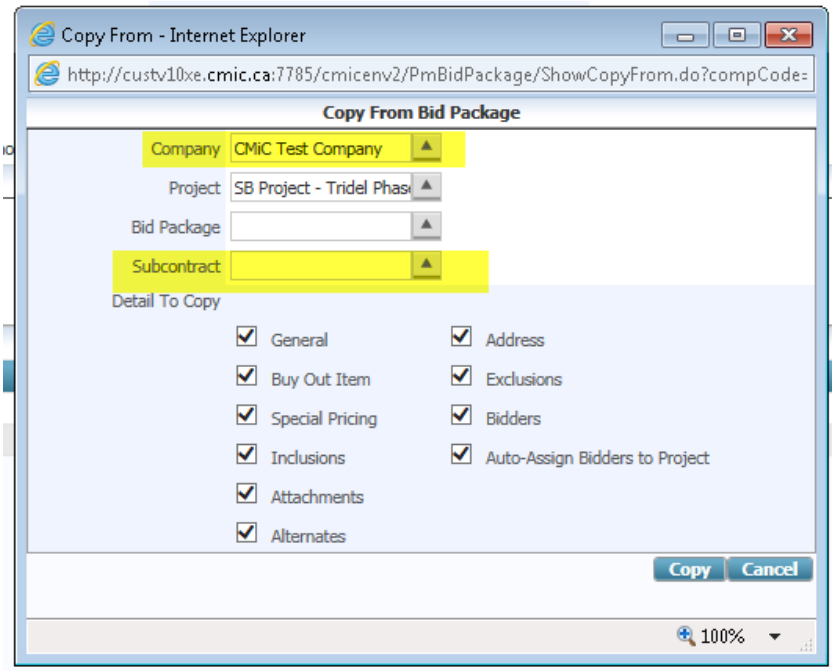
a) allow copying from Bid Packages that exist in a different Company than the source company

b) allow copying from a Subcontract (in or out of the source company)

Prior to the changes, the Copy From Bid Package had the following look:



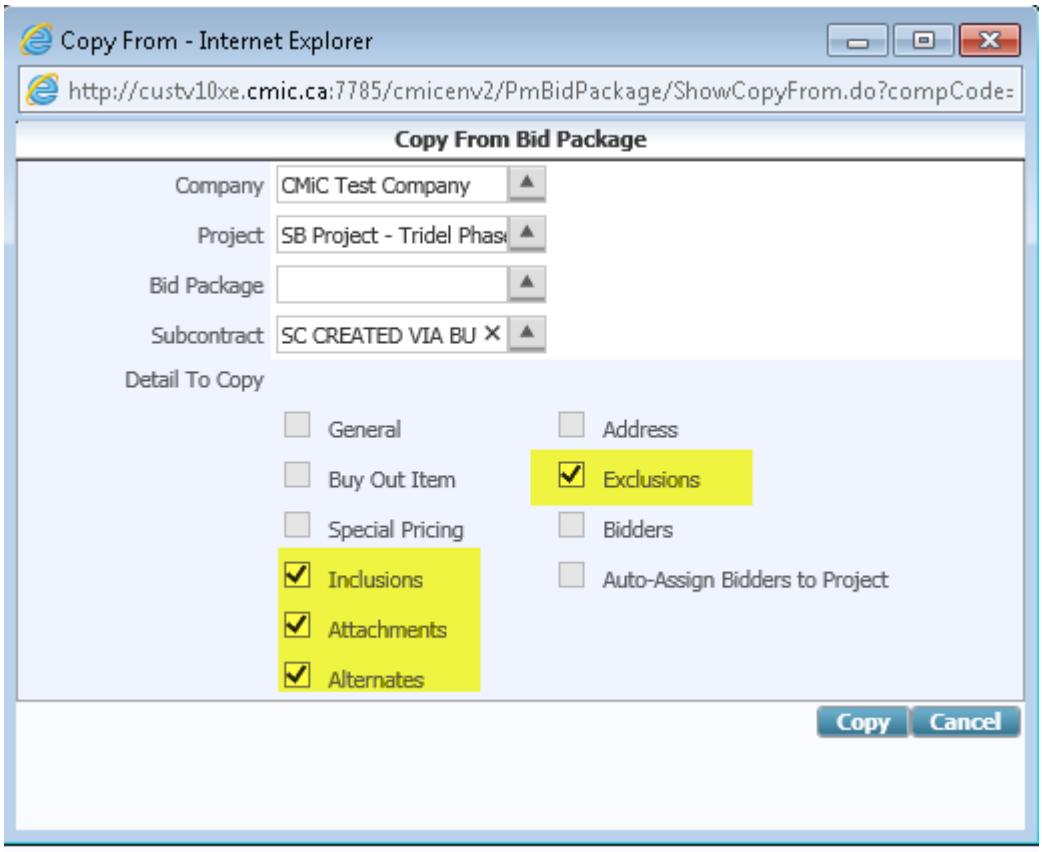
To facilitate the changes itemized above, a Company field (with LOV) and a Subcontract field (with LOV) have been added to the Copy From Bid Package screen:



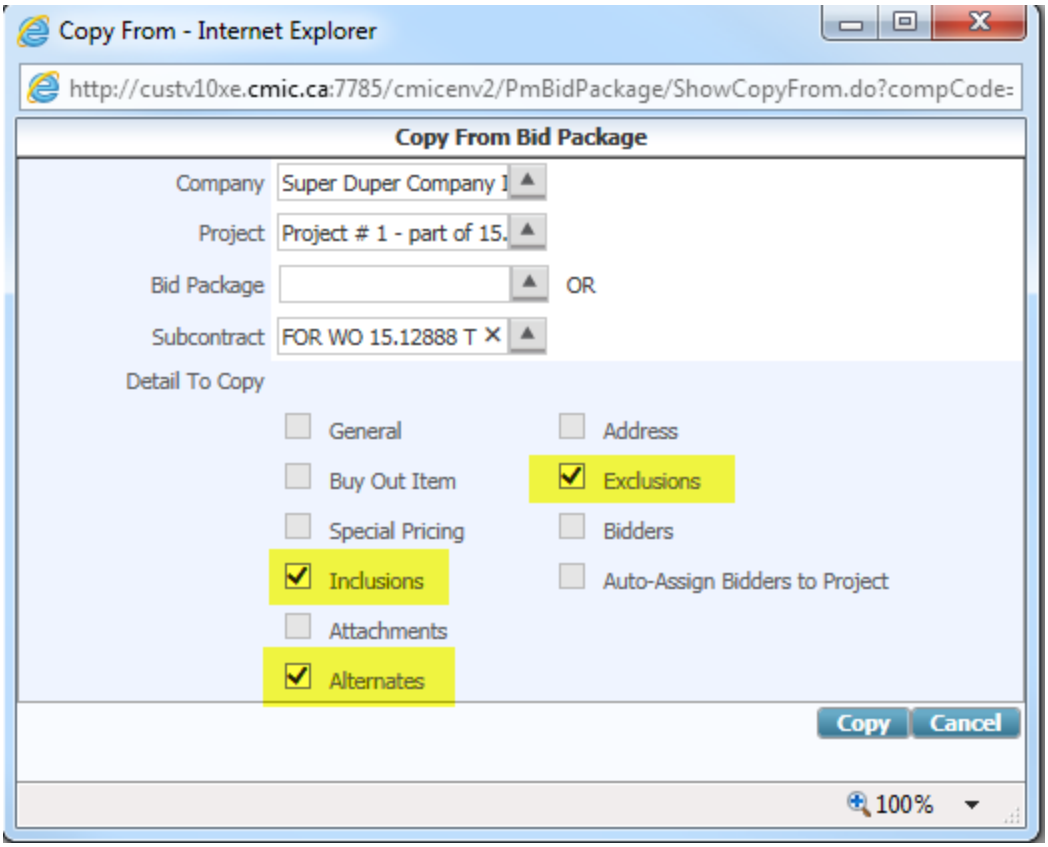
The following notes should be considered for the Copy functionality:

1. user company/project security is enforced
2. the company of the **current project** is defaulted in the Copy From popup
3. Bid Package/Subcontract cannot be selected without first selecting a Project
4. attachments are not copied across companies, nor across projects, ***for Bid Packages***

5. the user can only copy from Bid Package OR Subcontract, not both at the same time…if Bid Package is selected, when you try to select Subcontract, Bid Package will be wiped out
6. the Subcontract option only allows the following to be copied (within the same company and **project):**



7. the Subcontract option only allows the following to be copied **across companies or same company but different project:**



8. As a general rule, when copying across companies, if the job/phase/category does not exist in the target company then such combination is not copied due to this invalid/incomplete combination. In this case, the user has to make sure that the target company has the required setup of valid job/phase/category.

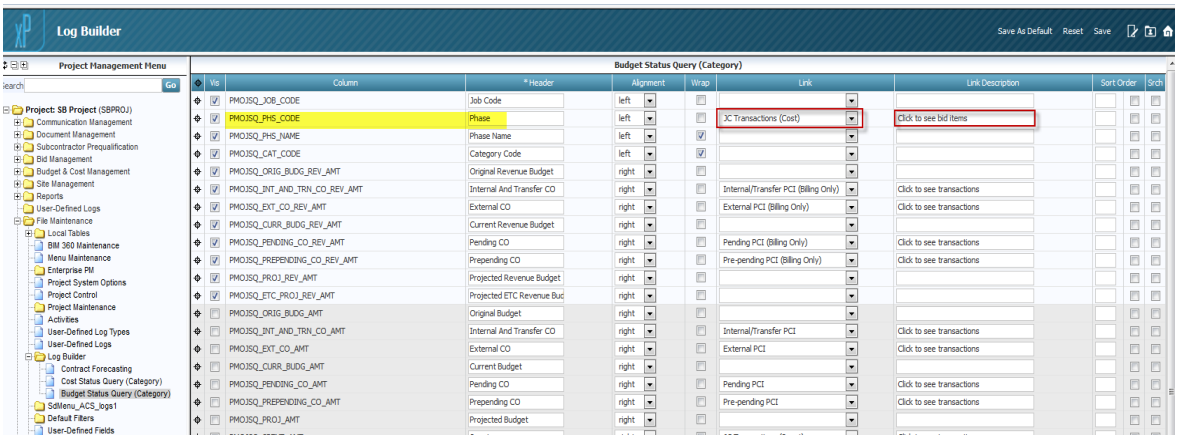
   In this case, no data is copied for the Buyout tab. For Special Pricing, Inclusions and Exclusions, the data is copied but the job/phase/category information is left blank.

Bid Items Popup in Cost Queries and Contract Forecast (16.19617)

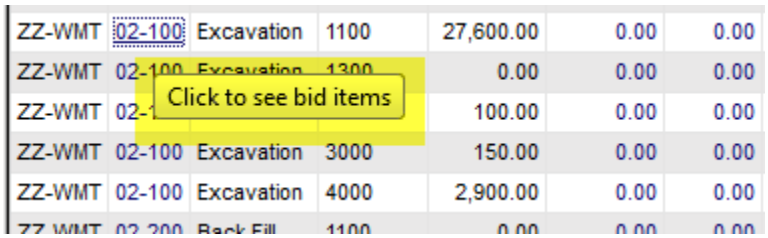
Changes have been made to add a pop-up screen to the 'Cost Status Query by Category', 'Revenue Status Query by Category', and the 'Contract Forecasting' screens showing the bid items information. The data included in the pop-up is: Bid Item Name, Closed flag, WM, Estimate Quantity, Estimate Price, Estimate Amount, Revenue Quantity, Revenue Price, and Revenue Amount. The pop-up is accessible by clicking on the cost code (phase code).

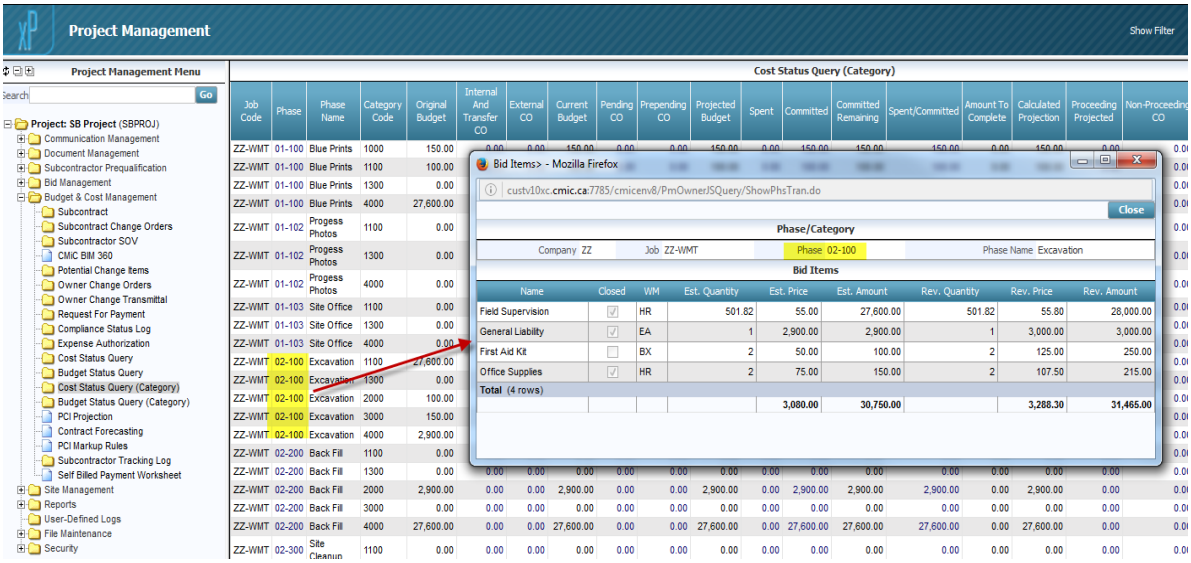
To set up the link in the Cost Status (Category) and Revenue Status (Category) queries, go to the Log Builder for each of these queries and do the following:

for the Phase field, select ‘JC Transactions (Cost)’ in the Link column, and enter ‘Click to see bid items’ (for example) in the Link Description column:

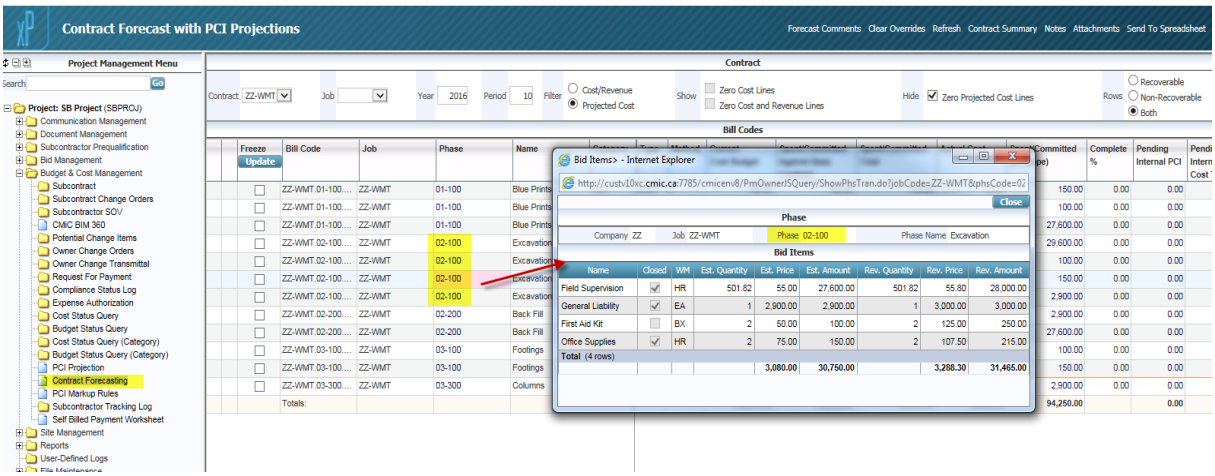


When done, go to the queries to see the effect of the changes:





In the case of the Contract Forecast, the changes are coded in the program directly, so when the user launches the program for a period, the Bid Items popup will be displayed after clicking the Phase of any line (the blue color indicates that there is an underlying link):



PM Role Privilege - Adding Contacts To Company (16.21805)

This enhancement includes a PM Role privilege in the MAINTENANCE section of the PM Role Privileges screen. The privilege is "Add Contacts To Company", to allow the user with this privilege the ability to add new Project Contacts to C-Type partners, otherwise only existing project contacts can be added for C-Type partners, by selecting them from the contact LOV.

If the user tries to add new C-Type contacts without 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

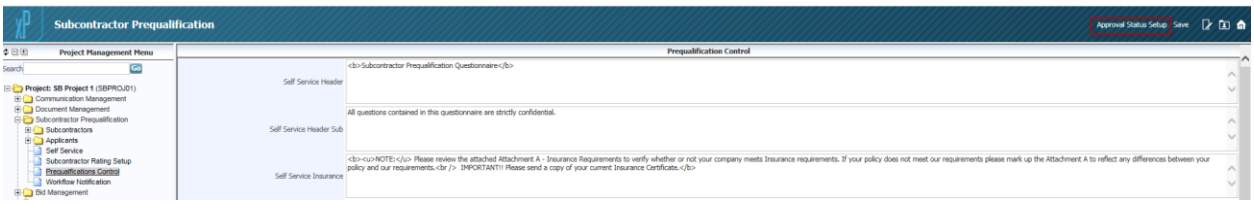
Company Name

Type

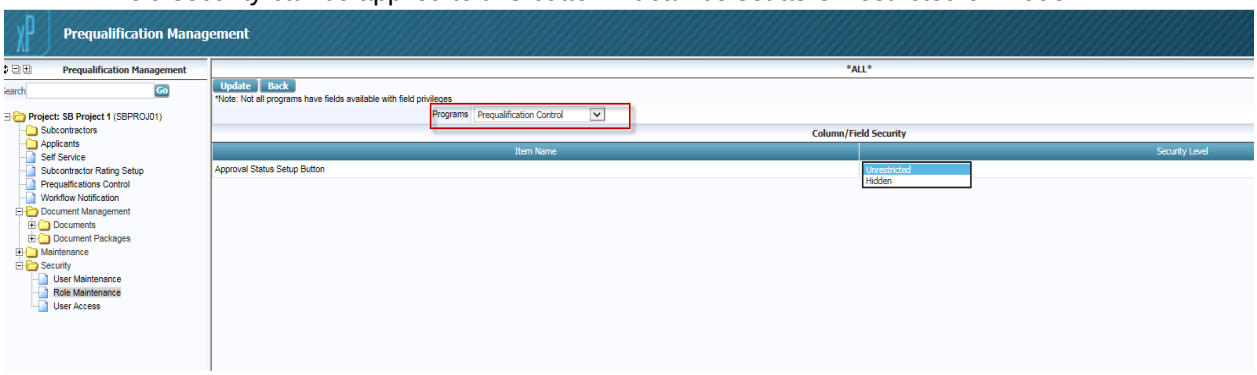
Prequalification Approval Status Warnings (16.21138)

The changes of this work order include the following:

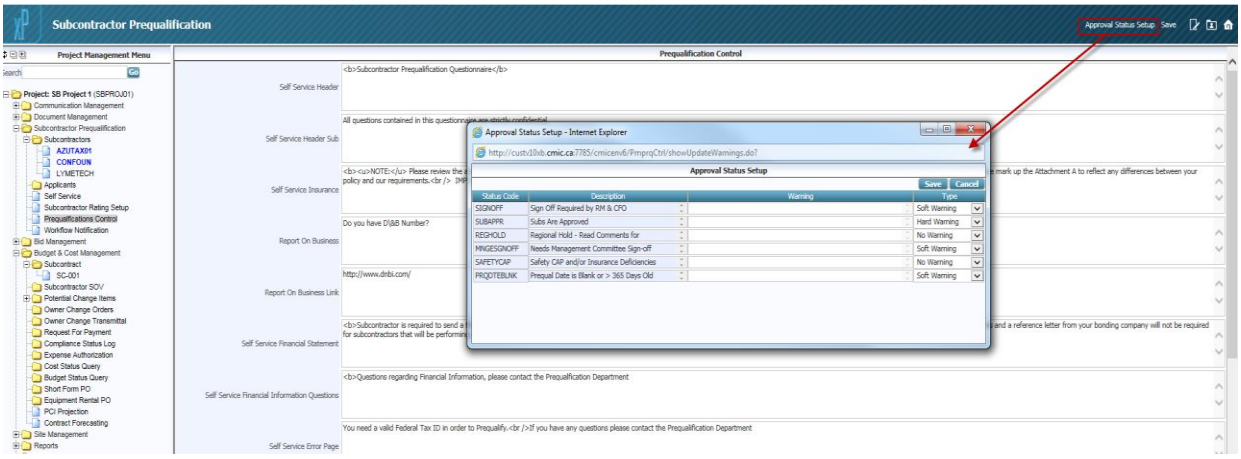
1. Addition of a button: [Approval Status Setup] to the Prequalification Control screen:



2. Field security can be applied to this button. It can be set as Unrestricted or Hidden:



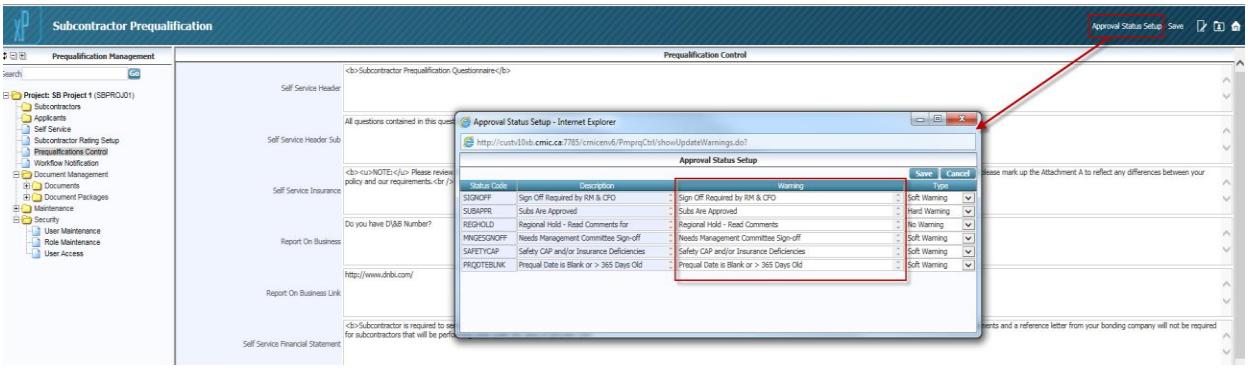
3. Click the button to get a popup window that allows the set up and entry of warning messages for each Approval Status that has been defined for the Vendor Prequalification screen.



Enter the warning message that you wish, in the **Warning** field, for each Status Code. If default values are already in place after installation of the files for this work order, these can be overridden with different values.

Select 'Soft Warning', 'Hard Warning' or 'No Warning' in the **Type** column and save the changes.

Example:

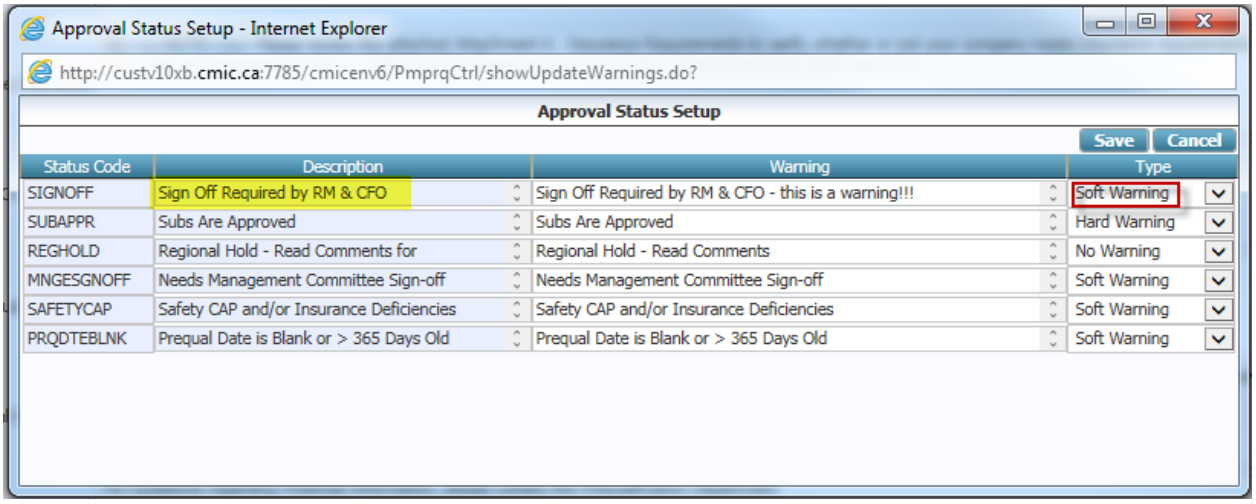


How it works

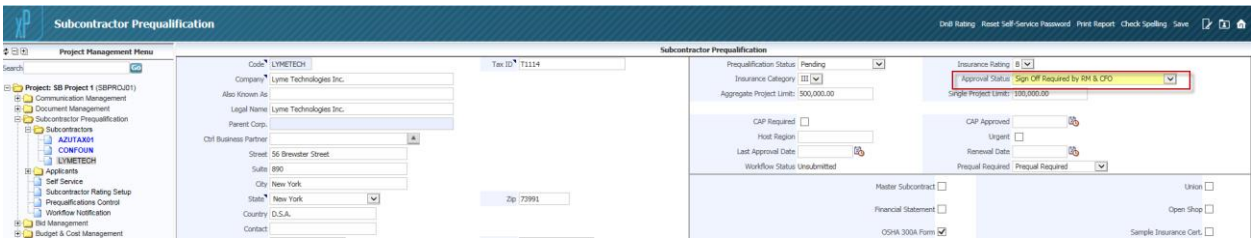
Once the setup is in place, whenever a subcontract or subcontract change order is created, on saving, a soft/hard no warning will be displayed according to the prequalification Approval Status of the vendor.

EXAMPLE

Setup:

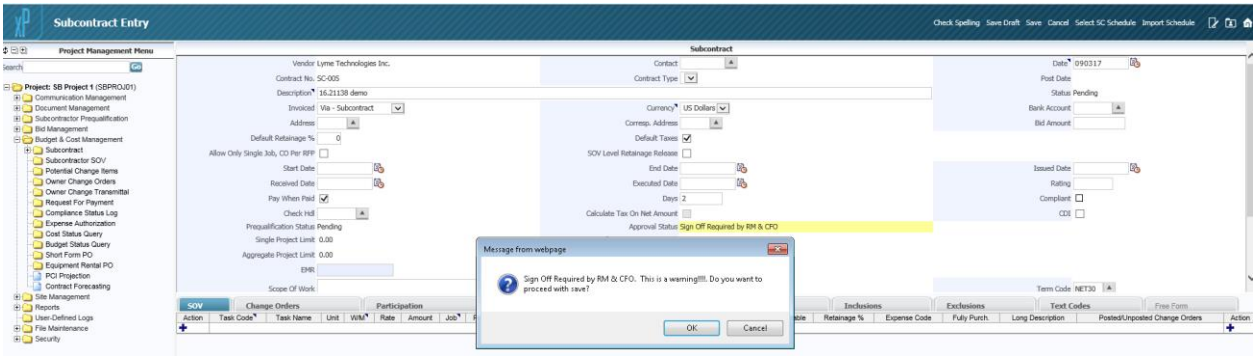


Vendor Prequalification record:



Subcontract:

On clicking Save Draft/Save, the warning message will be displayed in the subcontract/subcontract change order screen:



APPROVAL STATUS WARNINGS

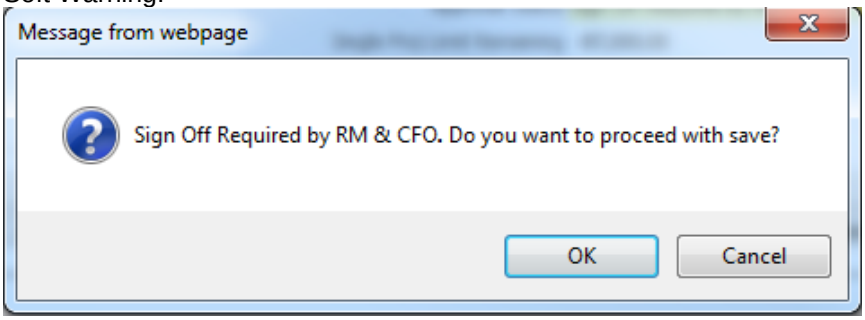
- In the case of a **Soft Warning**, a warning message corresponding to the approval status will be displayed when the user saves the subcontract or subcontract change order.
  If the 'SC Prequal – Issue Contracts To Non-Qualified Vendor' privilege is not assigned to the user, the standard message "Vendor XXX requires Prequalification and does not currently qualify…." will follow the soft warning. Otherwise, the record will be saved.

- In the case of a **Hard Warning** and:
  i) Scenario 1 : In case the privilege 'SC Prequal - Issue Contracts To Non-Qualified Vendor' is assigned to the user, the warning message will be displayed to the user when he clicks the Save/Save Draft button and he will be allowed to save the subcontract/ subcontract change order as usual
  ii) Scenario 2 : In case the privilege 'SC Prequal - Issue Contracts To Non-Qualified Vendor' is not assigned to the user, the warning message will be displayed to the user when he clicks the Save/Save Draft button. However, the flow of the 'Save' operation will be halted and the user will not be allowed to save the subcontract or subcontract change order

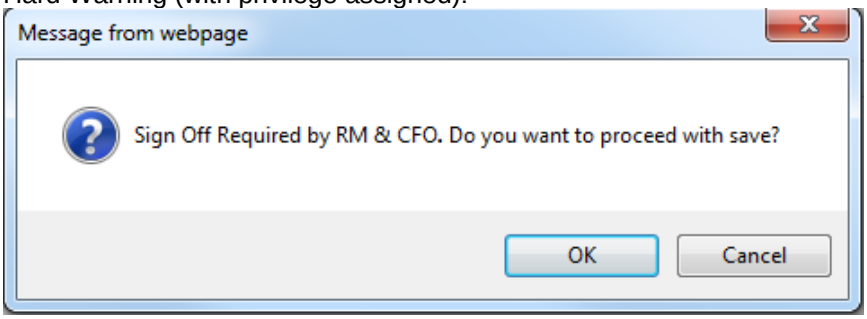
- In the case of **'No warning**', no warning messages will be displayed to the user irrespective of any message that had been maintained in the 'Approval Status Setup' in the Prequalification Control.
  If the 'SC Prequal – Issue Contracts To Non-Qualified Vendor' privilege is not assigned to the user, the standard message "Vendor XXX requires Prequalification and does not currently qualify…." will be displayed. Otherwise, the subcontract/subcontract change order will be saved.

- The messages will be displayed in both Add and Edit modes.

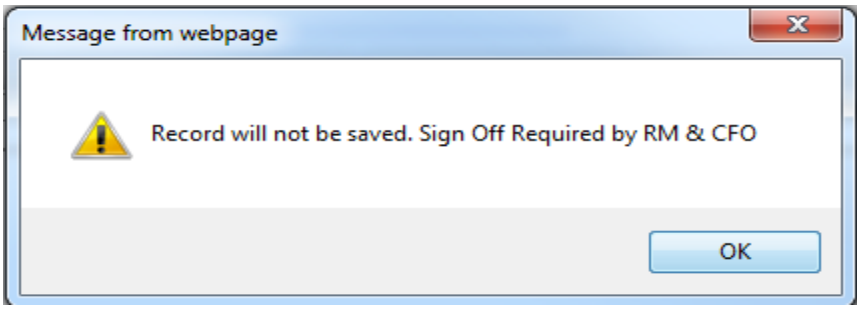
Below are example screenshots of the warnings:
Soft Warning:



Hard Warning (with privilege assigned):



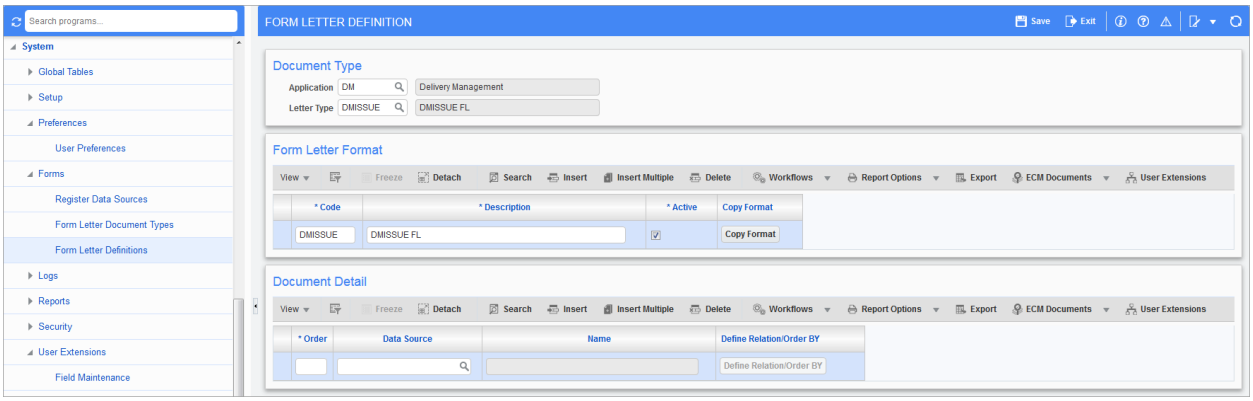
Hard Warning (with privilege not assigned):



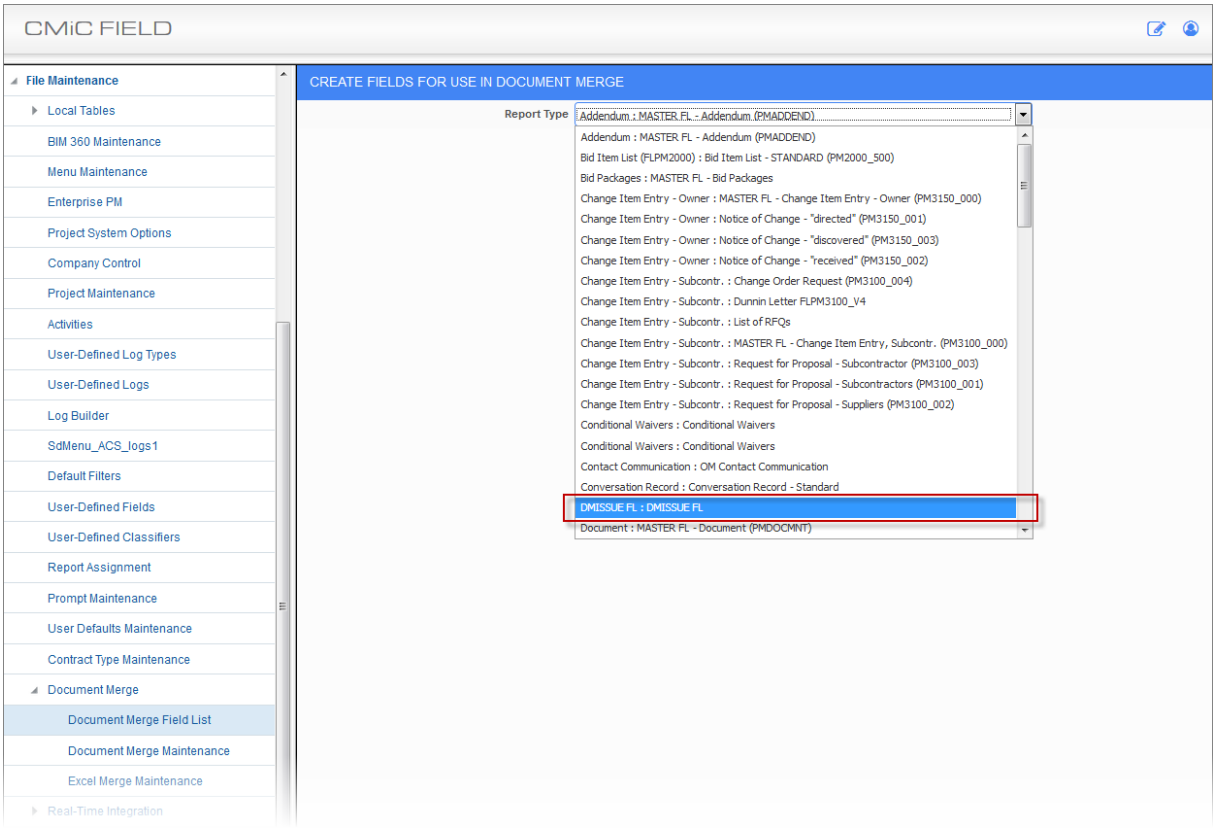
Form Letter View for Issues (16.18983)

The new form letter view **DMISSUE_FL_V** has been created to allow the user to create MIP Document Templates for Issue records created in PM JSP.

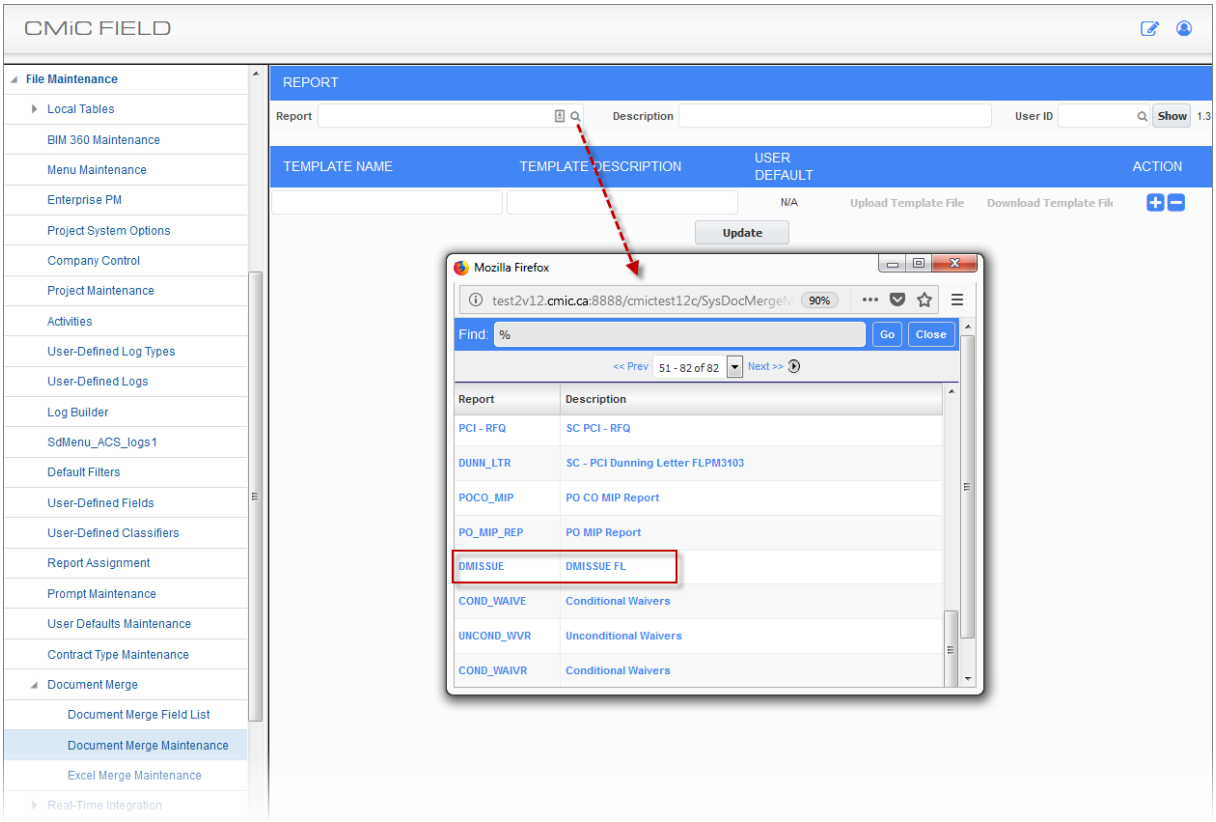
When the files from this work order are installed, the Form Letter Definition screen will show the entry:



In PM JSP, the Document Merge Field List screen will show the entry for DMISSUE FL, to be used in the creation of MIP Document Templates based on Issues:


CMiC FIELD
File Maintenance
Local Tables
BIM 360 Maintenance
Menu Maintenance
Enterprise PM
Project System Options
Company Control
Project Maintenance
Activities
User-Defined Log Types
User-Defined Logs
Log Builder
SdMenu_ACS_logs1
Default Filters
User-Defined Fields
User-Defined Classifiers
Report Assignment
Prompt Maintenance
User Defaults Maintenance
Contract Type Maintenance
Document Merge
Document Merge Field List
Document Merge Maintenance
Excel Merge Maintenance
Real-Time Integration
CREATE FIELDS FOR USE IN DOCUMENT MERGE
Report Type
Addendum : MASTER FL - Addendum (PMADDEND)
Addendum : MASTER FL - Addendum (PMADDEND)
Bid Item List (FLPM2000) : Bid Item List - STANDARD (PM2000_500)
Bid Packages : MASTER FL - Bid Packages
Change Item Entry - Owner : MASTER FL - Change Item Entry - Owner (PM3150_000)
Change Item Entry - Owner : Notice of Change - "directed" (PM3150_001)
Change Item Entry - Owner : Notice of Change - "discovered" (PM3150_003)
Change Item Entry - Owner : Notice of Change - "received" (PM3150_002)
Change Item Entry - Subcontr. : Change Order Request (PM3100_004)
Change Item Entry - Subcontr. : Dunnin Letter FLPM3100_V4
Change Item Entry - Subcontr. : List of RFQs
Change Item Entry - Subcontr. : MASTER FL - Change Item Entry, Subcontr. (PM3100_000)
Change Item Entry - Subcontr. : Request for Proposal - Subcontractor (PM3100_003)
Change Item Entry - Subcontr. : Request for Proposal - Subcontractors (PM3100_001)
Change Item Entry - Subcontr. : Request for Proposal - Suppliers (PM3100_002)
Conditional Waivers : Conditional Waivers
Conditional Waivers : Conditional Waivers
Contact Communication : OM Contact Communication
Conversation Record : Conversation Record - Standard
DMISSUE FL : DMISSUE FL
Document : MASTER FL - Document (PMDOCMNT)

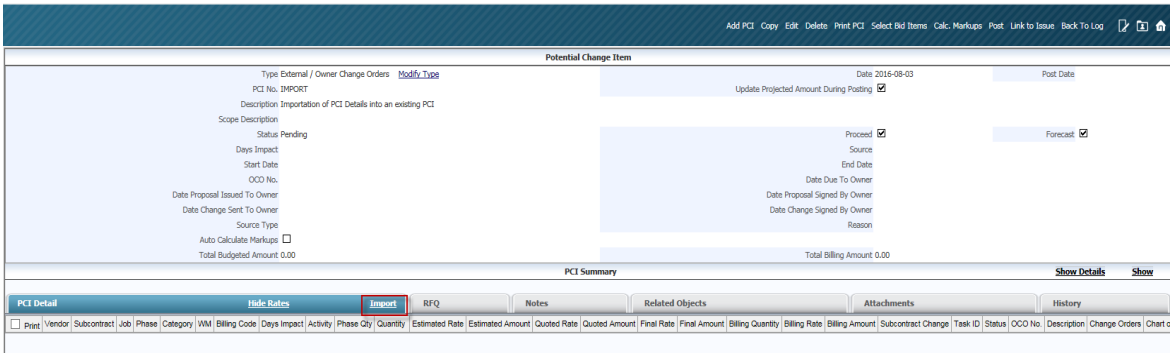
And the Document Merge Maintenance screen will show the entry in the 'Report' drop-down:



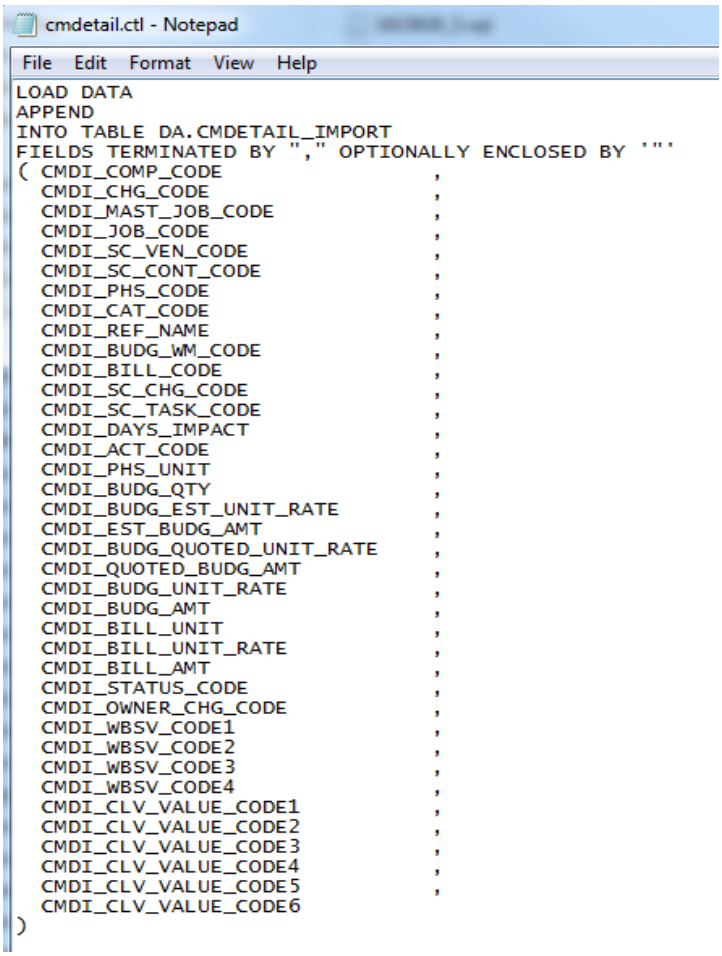
Importing PCI Details (16.15826)

Changes have been made to allow for the importing of PCI Detail records into an already existing PCI. The PCI Header must have already been created, then the details can be imported from Excel (or a text file). Imported columns include WBS fields and Classifiers.

The IMPORT option is available as a link on the PCI Detail tab of an **unposted** PCI, where the user can import details after passing through all validations that currently exists in the PCI details.



The Control File for the import has the following layout:



The following table gives the detail description for each field:

File Layout Details– PCI Details Import

Control File = CMDETAIL.ctl

Column Name	Description	Required	Type	Length
CMDI_COMP_CODE	A valid CMiC company code	Yes	Varchar2	10
CMDI_CHG_CODE	PCI Code (should match with code from PCI Header record)	Yes	Varchar2	10
CMDI_MAST_JOB_CODE	A valid CMiC job code	Yes	Varchar2	10
CMDI_JOB_CODE	This is the job in the detail of the change order. It may be a sub-job of the job in the header.	Yes	Varchar2	10

Column Name	Description	Required	Type	Length
CMDI_SC_VEN_CODE	Subcontract Vendor Code - required if a subcontract is related to the change.	No	Varchar2	8
CMDI_SC_CONT_CODE	Subcontract Code - required if a subcontract is related to the change.	No	Varchar2	20
CMDI_PHS_CODE	Must be a valid phase code for the job	Yes	Varchar2	16
CMDI_CAT_CODE	Must be a valid category for the job	Yes	Varchar2	16
CMDI_REF_NAME	This field populates the **Long Description** column displayed in the PCI Details	No	Varchar2	4000
CMDI_BUDG_WM_CODE	A valid WM code must be entered	No	Varchar2	2
CMDI_BILL_CODE	Bill Code – required if External or OBC class PCI and a Job Billing type job, otherwise it is optional	No	Varchar2	50
CMDI_SC_CHG_CODE	Subcontract change code - required if a subcontract is related to the change.	No	Varchar2	12
CMDI_SC_TASK_CODE	Subcontract change task code - required if a subcontract change code is entered	No	Varchar2	16
CMDI_DAYS_IMPACT	The impact of the change in Number of Days	No	Num	10
CMDI_ACT_CODE	Activity Code	No	Varchar2	10
CMDI_PHS_UNIT	Phase Quantity - leave blank if not required	No	Num	16,8
CMDI_BUDG_QTY	Budget Quantity related to Change order – may be left blank if not applicable.	No	Num	16,8
CMDI_BUDG_EST_UNIT_RATE	Estimated Rate	No	Num	16,4
CMDI_EST_BUDG_AMT	Estimated Amount	No	Num	18,2
CMDI_BUDG_QUOTED_UNIT_RATE	Quoted Rate	No	Num	16,4
CMDI_QUOTED_BUDG_AMT	Quoted Amount	No	Num	18,2
CMDI_BUDG_UNIT_RATE	Budgeted (Final) Rate	No	Num	16,4
CMDI_BUDG_AMT	Enter the Budget (Final) Amount	No	Num	18,2
CMDI_BILL_UNIT	Billing units are added here. It is optional.	No	Num	10,3
CMDI_BILL_UNIT_RATE	Billing Rate	No	Num	18,4

Column Name	Description	Required	Type	Length
CMDI_BILL_AMT	Required if External or OBC class PCI and a Job Billing type job- if left blank it will be 0.	No	Num	18,2
CMDI_STATUS_CODE	Change Order Status – must be a valid CMiC change order status code; *if left blank it will be updated with the status from the header on editing the PCI.	Yes*	Varchar2	10
CMDI_OWNER_CHG_CODE	Owner Change Order Number if required	No	Varchar2	20
CMDI_WBSV_CODE1	WBS Code 1 Value	No	Varchar2	10
CMDI_WBSV_CODE2	WBS Code 2 Value	No	Varchar2	10
CMDI_WBSV_CODE3	WBS Code 3 Value	No	Varchar2	10
CMDI_WBSV_CODE4	WBS Code 4 Value	No	Varchar2	10
CMDI_CLV_VALUE_CODE1	Classifier Value 1	No	Varchar2	16
CMDI_CLV_VALUE_CODE2	Classifier Value 2	No	Varchar2	16
CMDI_CLV_VALUE_CODE3	Classifier Value 3	No	Varchar2	16
CMDI_CLV_VALUE_CODE4	Classifier Value 4	No	Varchar2	16
CMDI_CLV_VALUE_CODE5	Classifier Value 5	No	Varchar2	16
CMDI_CLV_VALUE_CODE6	Classifier Value 6	No	Varchar2	16

Importing the PCI Details.

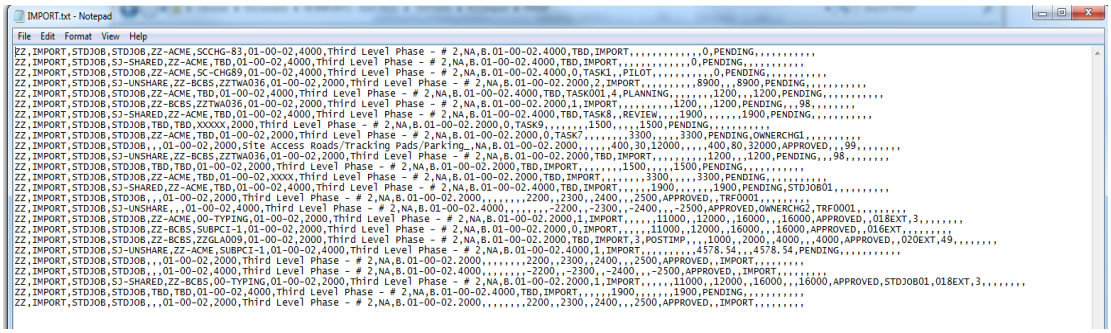
The PCI Import functions in much the same way as other PM JSP imports. Below is an outline of the steps and a description of the Validation screen.

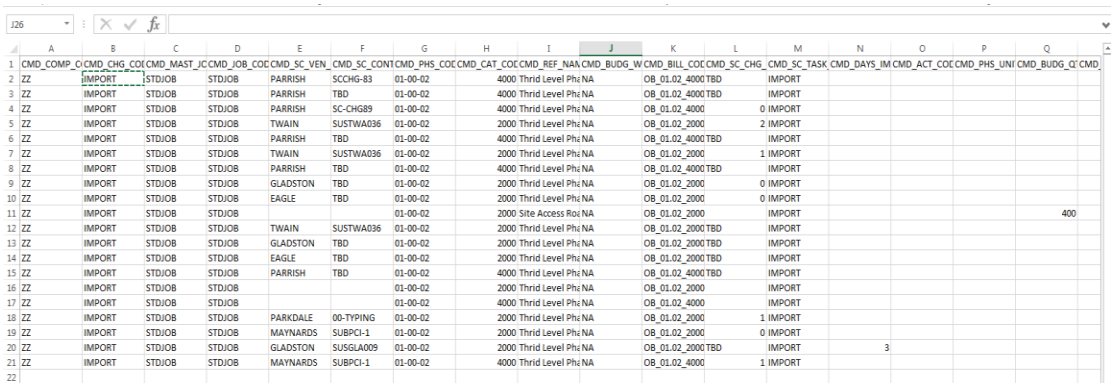
Pre-requisites

- Prepare a .txt or .csv file with the details to be imported, using the layout guide above.
- For numeric codes, leading zeroes are usually removed in a .csv file, so make sure to adjust these appropriately before.

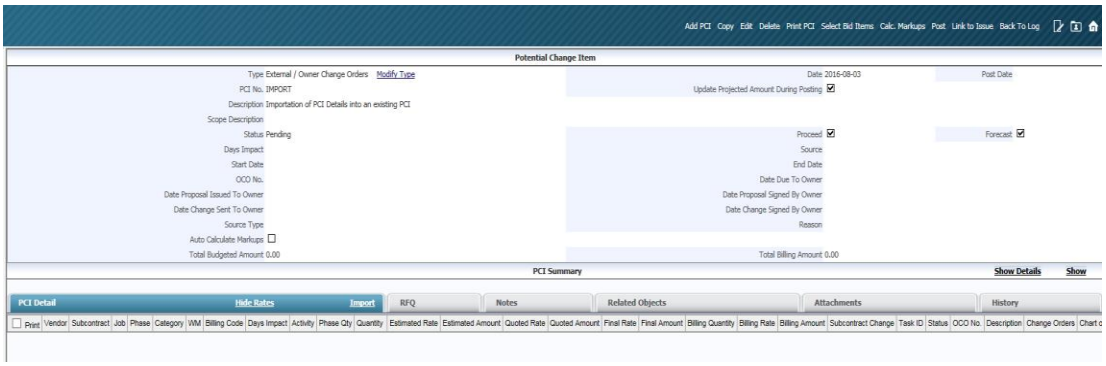
IMPORTANT NOTE: The file must be .TXT or .CSV. Also note that if the file is opened using Excel, it may lose some of its original formatting. It is preferable to open and edit using Notepad. For example, if the value of a field is “01”, editing in Excel will possibly change it to ‘1’.

Example input:



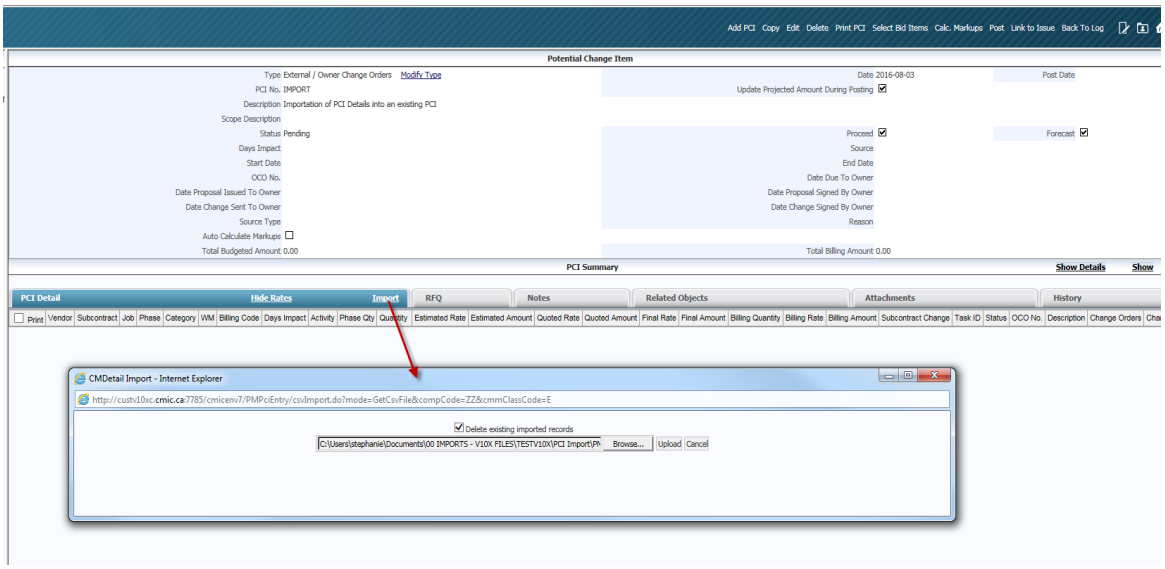


- Create or open up the PCI record that the details will be imported into. It can be in Edit or View mode.

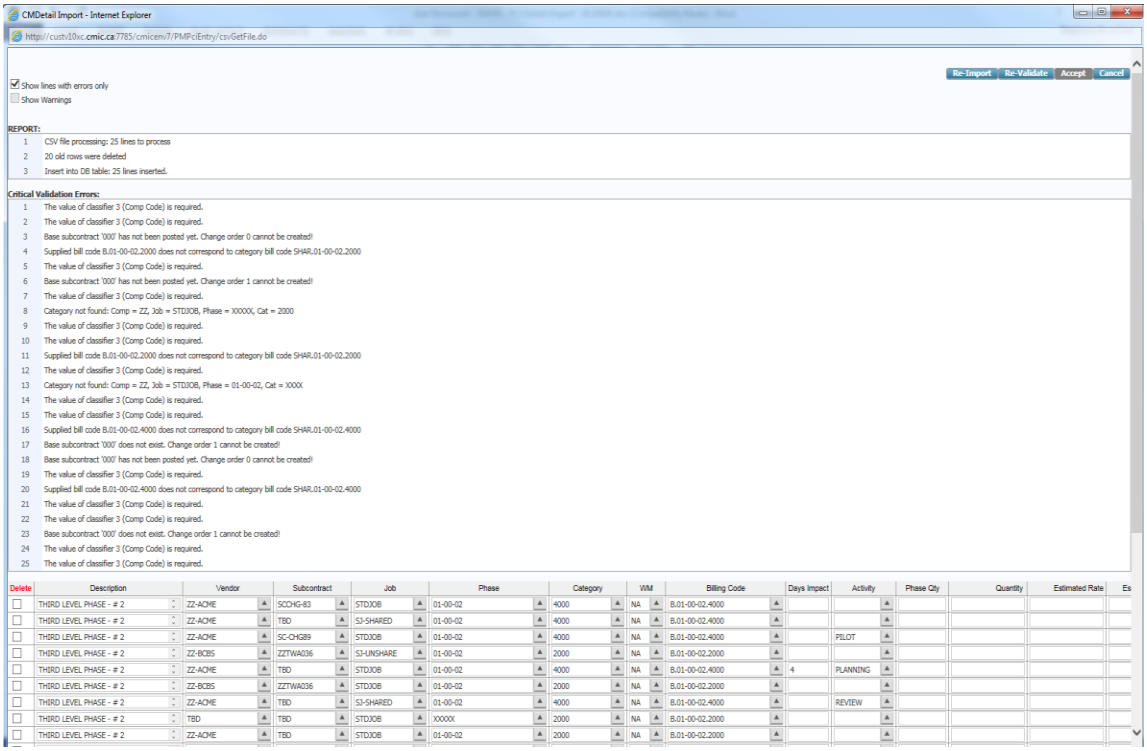


Carry Out the Importation

Click the '**Import**' link in the detail section of the PCI, to display the popup window where you will select the .txt or .csv file to be imported.



Next, click [Upload] to bring the imported records to the Validation screen:



The initial validation will report any errors. By default, only records with errors are displayed on the Validation screen.

The '**Show lines with errors only**' checkbox, can be un-checked to display **all** records – those with and without errors.

Proceed to make corrections and changes on this screen.

Click the **[Re-Validate]** button to re-validate the corrections and changes each time they are made. Changes include any records selected for **deletion**.

When there are no more errors, the [Accept] button becomes enabled.

Click [Accept] to pull the validated records into the PCI Detail section.

IMPORTANT NOTE:

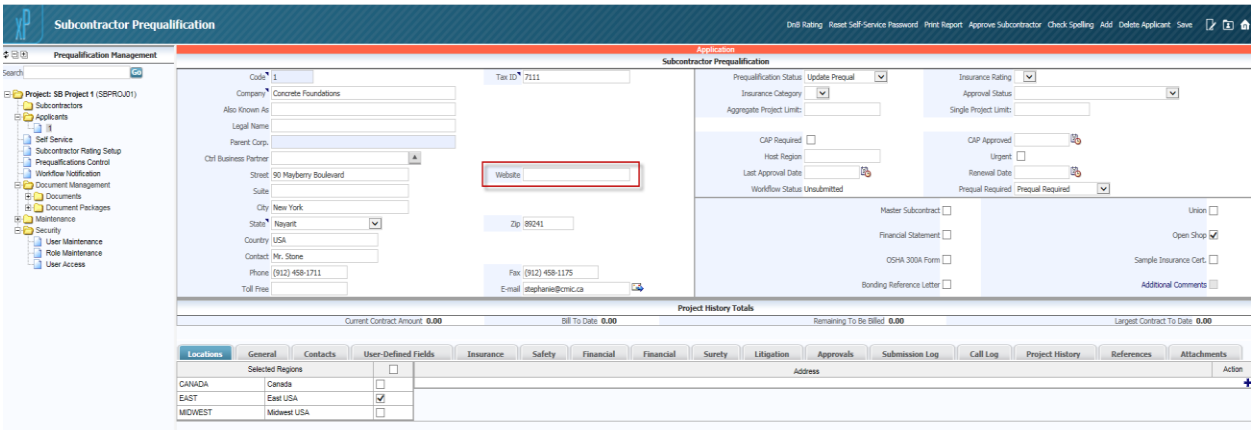
- If a value is entered for any WBS field that is related to the PCI Code, the value will be ignored, and that WBS field will be read-only. This is due to a feature in CMiC which allows a WBS Code to be linked to the PCI Code, for certain requirements. A message has been included in the Import Validation screen to inform the user.

Subcontractor Prequalification Enhancements (15.07422)

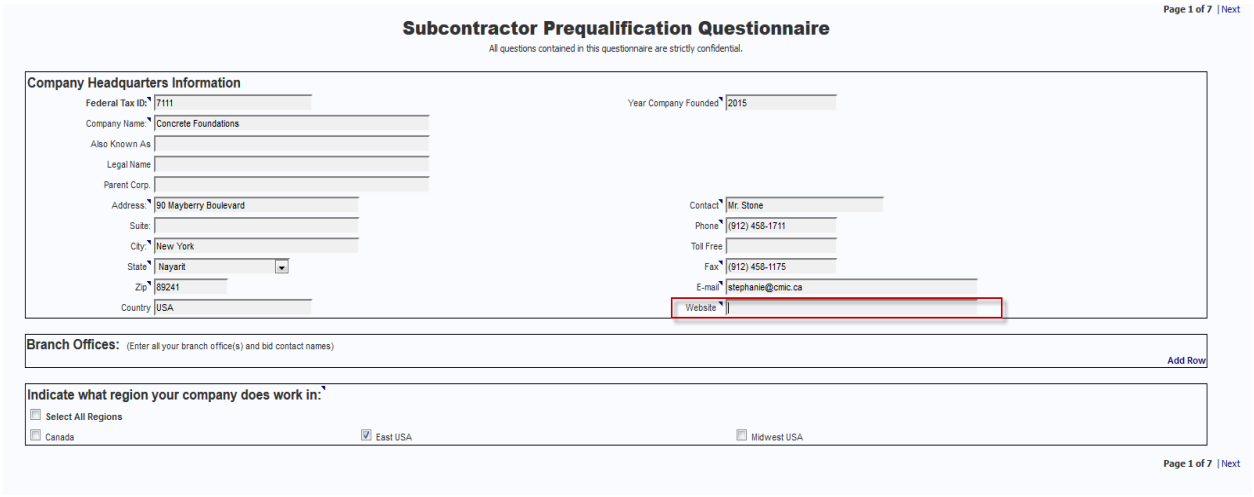
The changes of this work order include the following:

1. Website field added to the Subcontractor Pre-qualification header as well as to the Self Service – Page 1 screen. Field security can also be applied to the field.

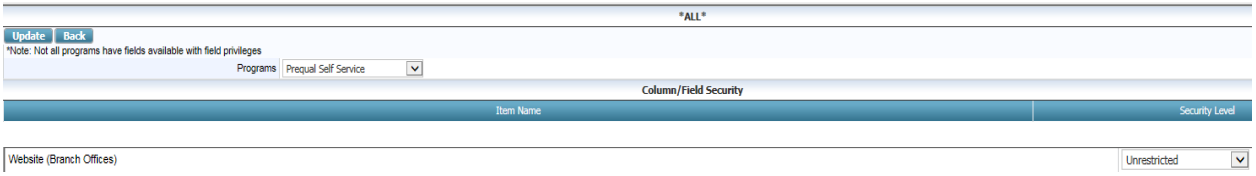
a) Website field in SC Pre-qualification header:



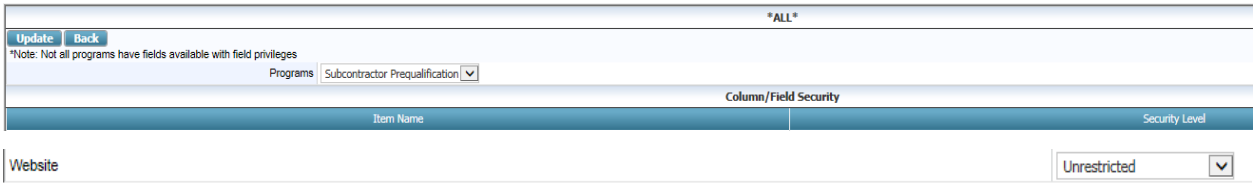
b) Website field in Self Service – Page 1:



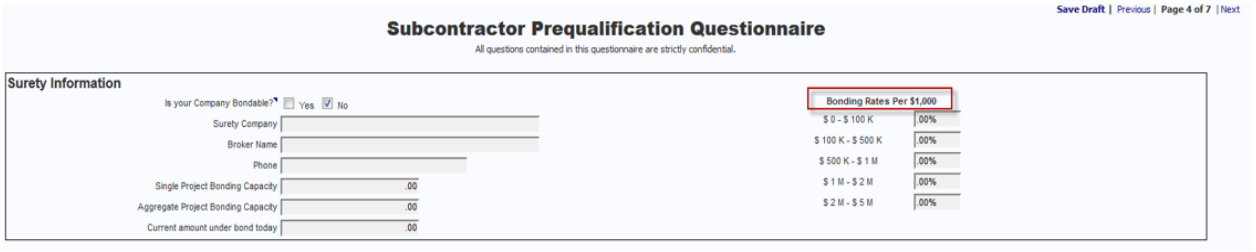
c) Website field – Self Service field security:



d) Website field - SC Pre-qualification field security:



2. **Bonding Rates Per $1000** prompt added as shown, to Page 4 of the Self Service screen. This prompt can be modified in Prompt Maintenance.



3. **Pre-qualifications Control**

The following changes have been made to the Pre-qualifications Control screen:

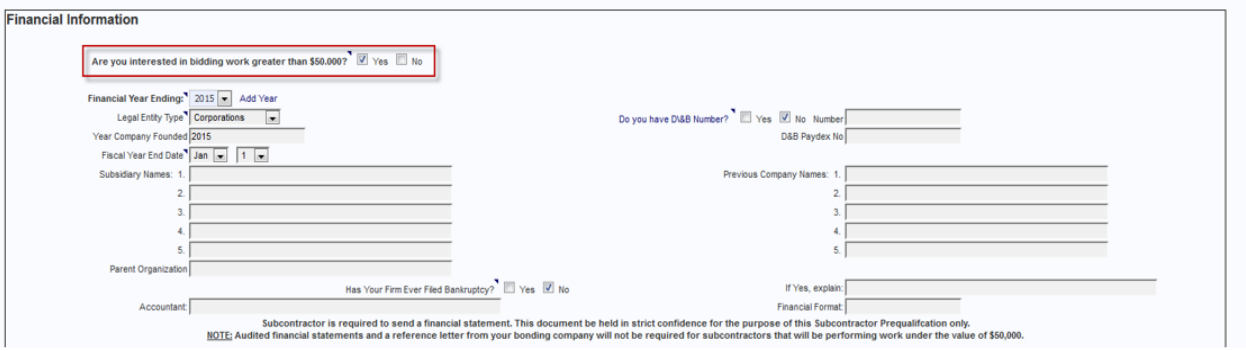
a) addition of the flag '**Enable Financials Required Prompt**'

b) addition of the field '**Number of Required Attachments**'.

These new settings in the Pre-qualification Control have the following effects:

a) i. When the flag ‘Enable Financials Required Prompt’ is checked, the prompt and checkboxes for the question ‘Are you interested in bidding work greater than $50,000?’ [Yes/No] becomes visible in Page 4 of the Self Service screen.

Self Service screen Page 4:



If ‘Yes’ is checked, then certain financial data cannot be zero, namely:

Gross Profit Margin,

Operating Income,

Earnings Before Taxes,

Net Income,

Total Assets,

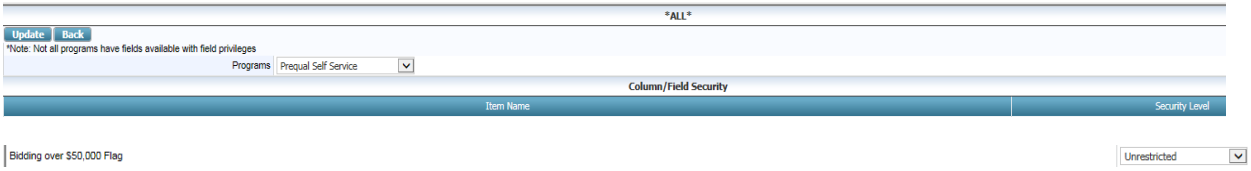
Total Liabilities,

Total Equity and

Total Liabilities and Equity.

If ‘No’, then there is no requirement for these fields to be non-zero.

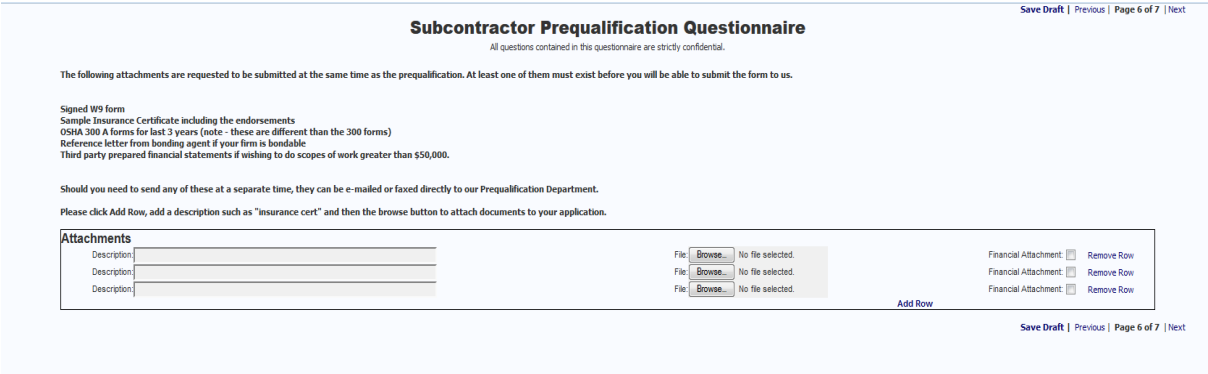
ii. Field security can be applied to the checkboxes for this question:



iii. When the control flag ‘Enable Financials Required Prompt’ is un-checked, the prompt and checkboxes for the question are not visible in Page 4 of the Self Service screen.

b) The value in the field ‘**Number of Required Attachments**’ (Pre-qualification Control), determines the number of attachments that is required on Page 6 of the Self Service screen.

More attachments can be added, but less than the required number will result in rejection of the application during the submission process, forcing the user to add the documents.



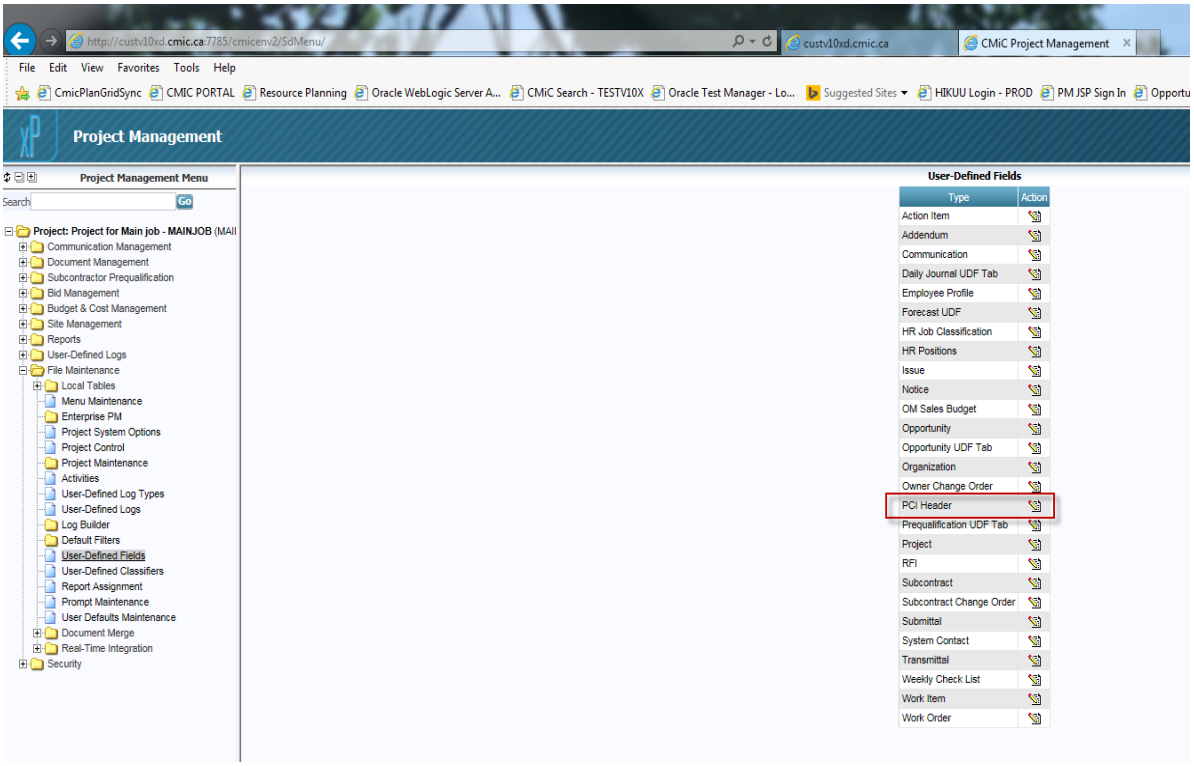
4. The Credit Line Available field in the enhanced Financial Information screen (SC Pre-qualification screen) is now calculated as:

   Amount Line of Credit - Against Line of Credit

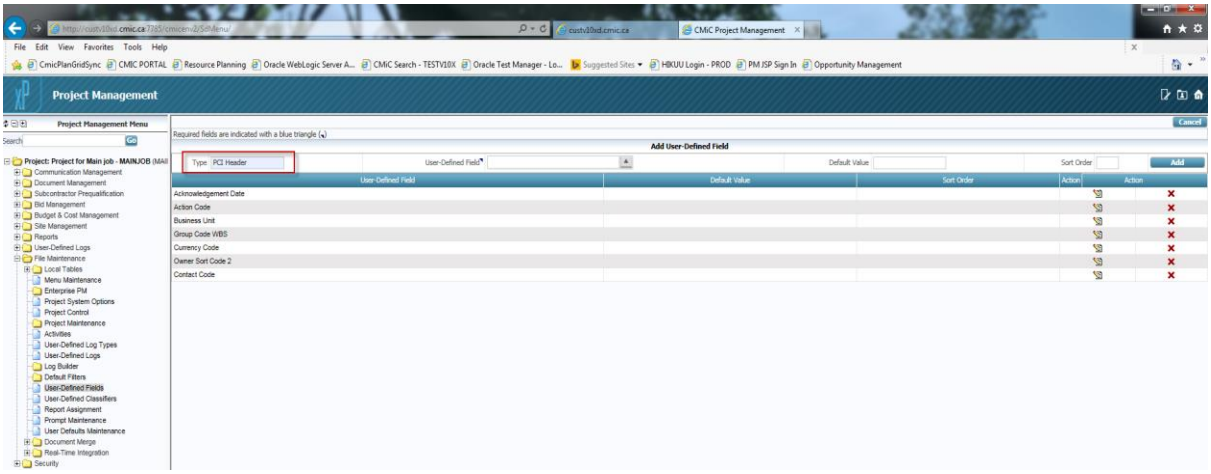
   Previously the field was not being calculated.

User Defined Fields for PCI Header (17.30277)

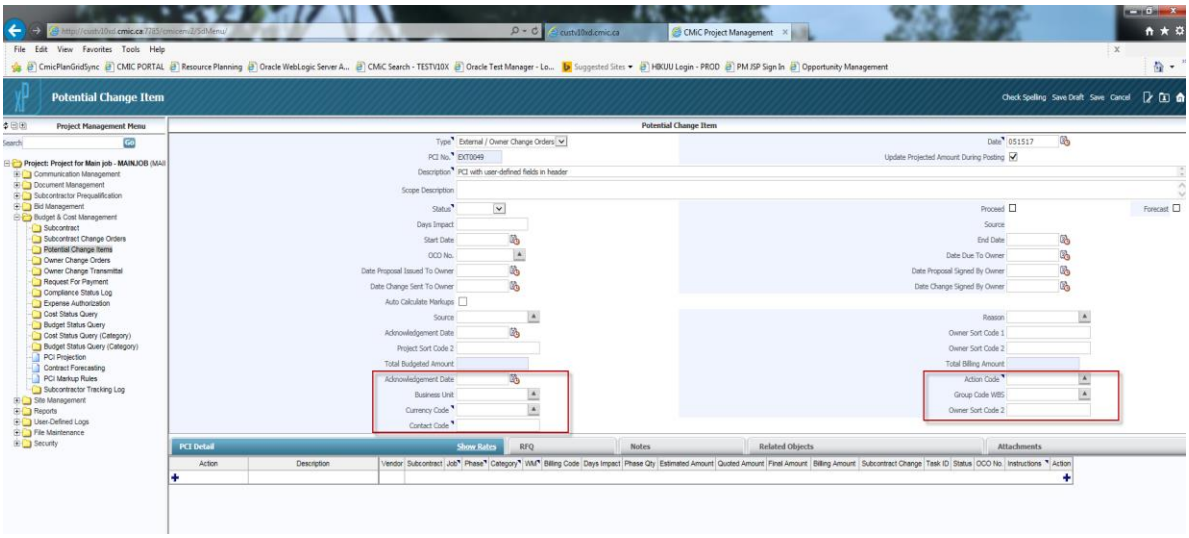
Added the PCI Header as an object for User-Defined Fields association:



When the screen is opened, the user can select previously defined UDF's for assignment to the PCI Header:



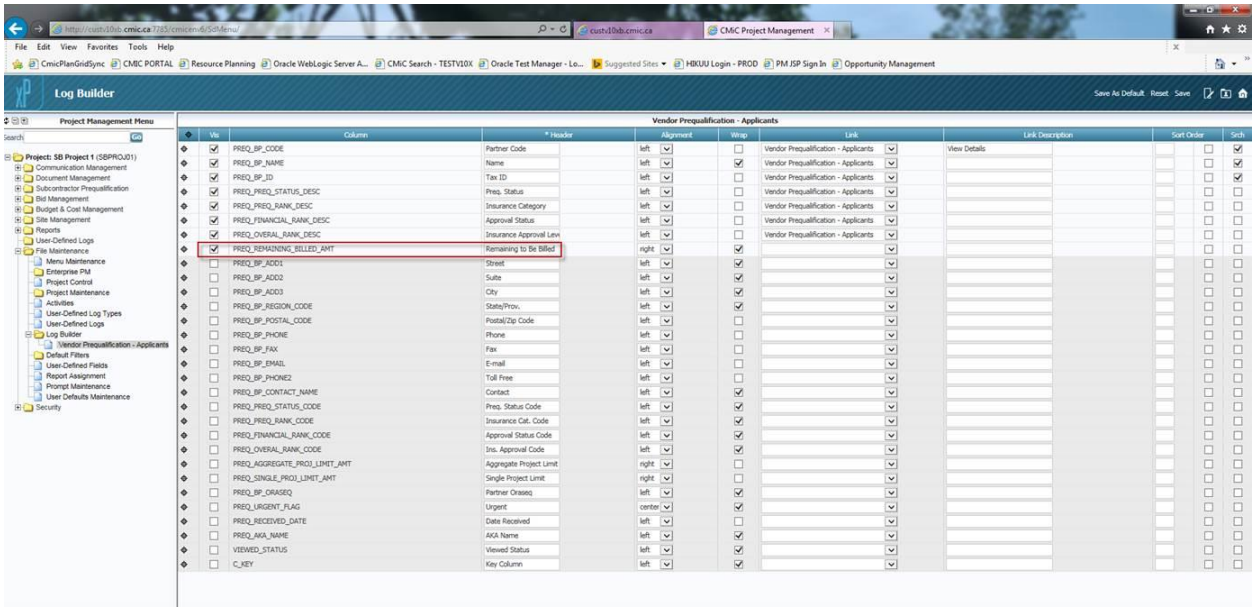
The PCI Header screen will display these UDF's:

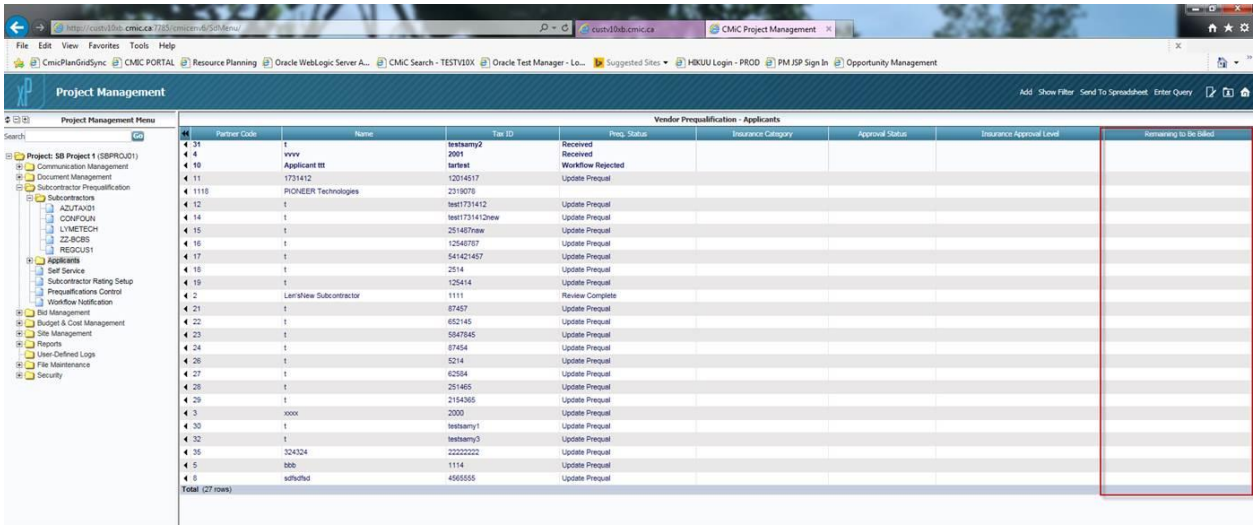


Remaining To Be Billed Added to Vendor Prequalification Logs
(17.34586)

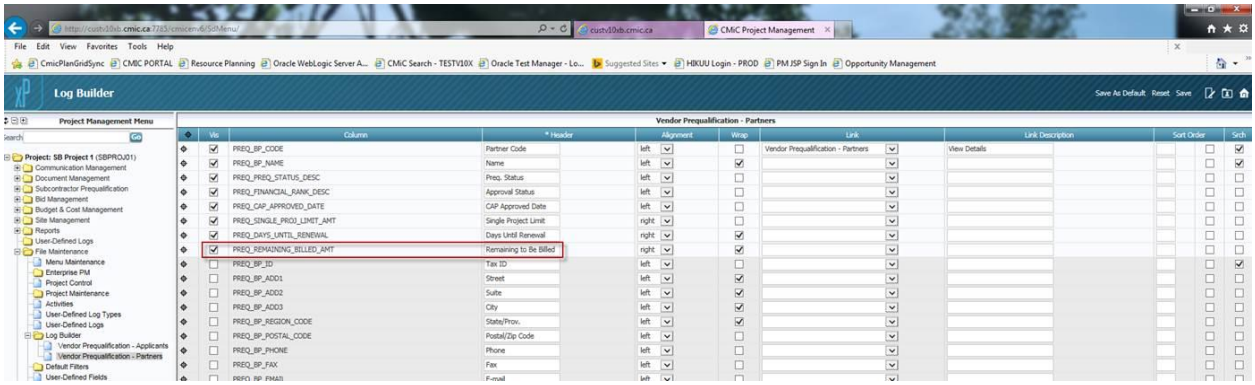
Added the field: 'Remaining To Be Billed' to the Applicants and Partners logs in Vendor Prequalification.

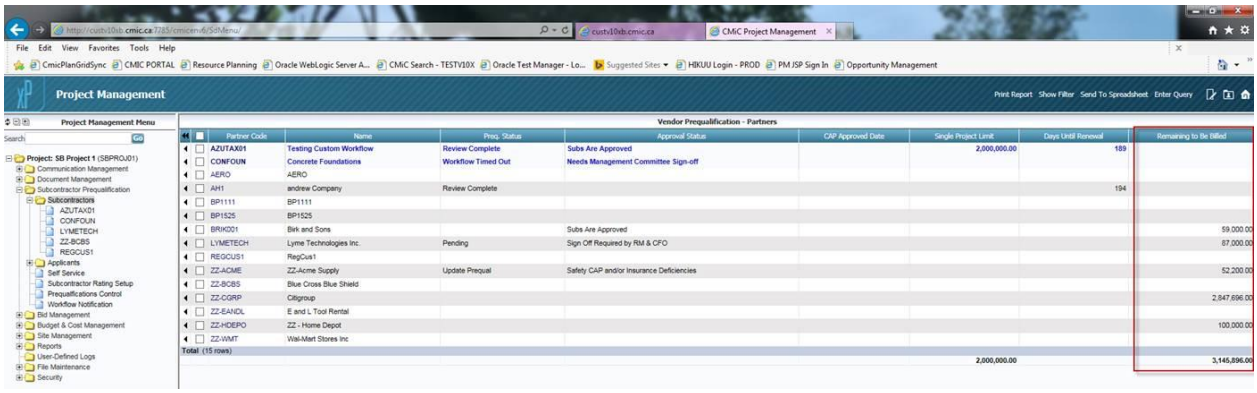
APPLICANTS


Log Builder
Project Management Menu
Vendor Prequalification - Applicants
Vis
Column
* Header
Alignment
Wrap
Link
Link Description
Sort Order
Srch
PREQ_BP_CODE
Partner Code
PREQ_BP_NAME
Name
PREQ_BP_ID
Tax ID
PREQ_PREQ_STATUS_DESC
Preq. Status
PREQ_PREQ_RANK_DESC
Insurance Category
PREQ_FINANCIAL_RANK_DESC
Approval Status
PREQ_OVERAL_RANK_DESC
Insurance Approval Lev
PREQ_REMAINING_BILLED_AMT
Remaining to Be Billed
PREQ_BP_ADD1
Street
PREQ_BP_ADD2
Suite
PREQ_BP_ADD3
City
PREQ_BP_REGION_CODE
State/Prov.
PREQ_BP_POSTAL_CODE
Postal/Zip Code
PREQ_BP_PHONE
Phone
PREQ_BP_FAX
Fax
PREQ_BP_EMAIL
E-mail
PREQ_BP_PHONE2
Toll Free
PREQ_BP_CONTACT_NAME
Contact
PREQ_PREQ_STATUS_CODE
Preq. Status Code
PREQ_PREQ_RANK_CODE
Insurance Cat. Code
PREQ_FINANCIAL_RANK_CODE
Approval Status Code
PREQ_OVERAL_RANK_CODE
Ins. Approval Code
PREQ_AGGREGATE_PROJ_LIMIT_AMT
Aggregate Project Limit
PREQ_SINGLE_PROJ_LIMIT_AMT
Single Project Limit
PREQ_BP_ORASEQ
Partner Oraseq
PREQ_URGENT_FLAG
Urgent
PREQ_RECEIVED_DATE
Date Received
PREQ_AKA_NAME
AKA Name
VIEWED_STATUS
Viewed Status
C_KEY
Key Column
Vendor Prequalification - Applicants
View Details


Project Management
Project Management Menu
Vendor Prequalification - Applicants
Partner Code
Name
Tax ID
Preq. Status
Insurance Category
Approval Status
Insurance Approval Level
Remaining to Be Billed
Total (27 rows)

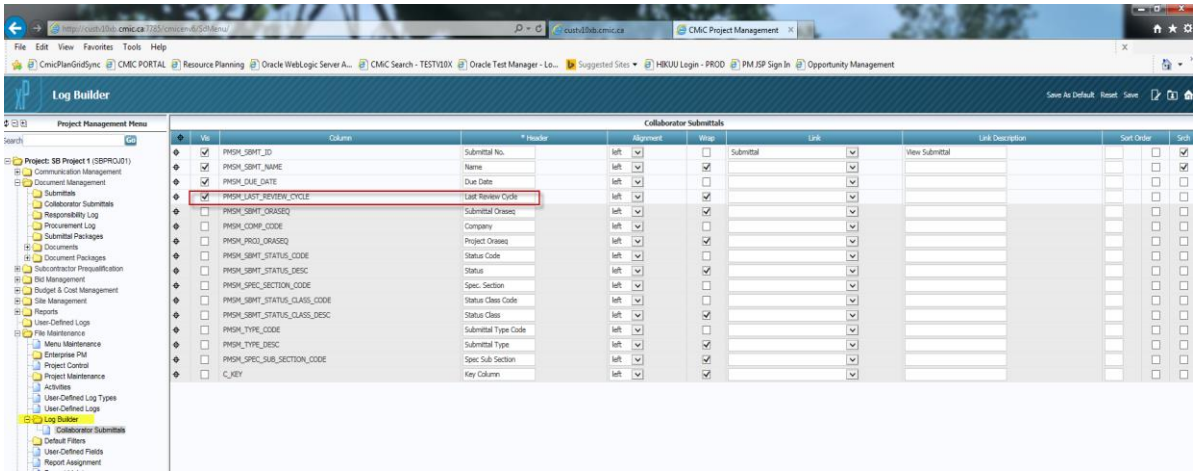
PARTNERS

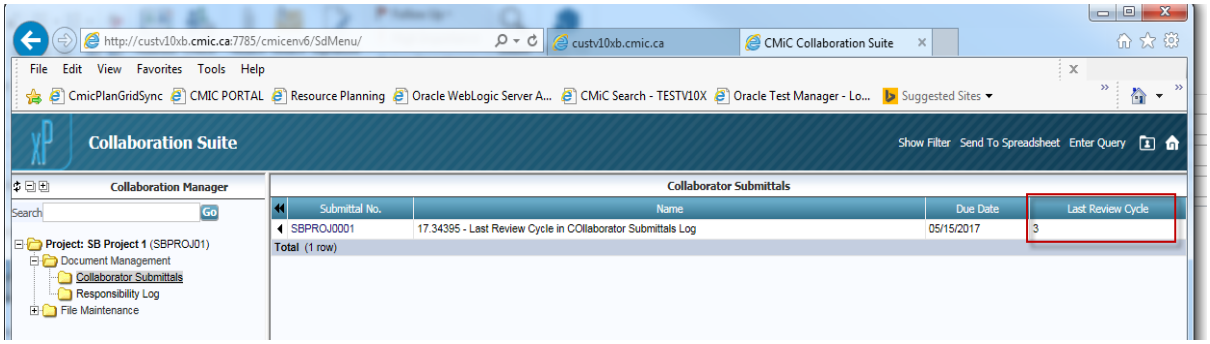




Last Review Cycle in Collaboration Submittals Log (17.34395)

Added the 'Last Review Cycle' to the Collaborator Submittals Log:



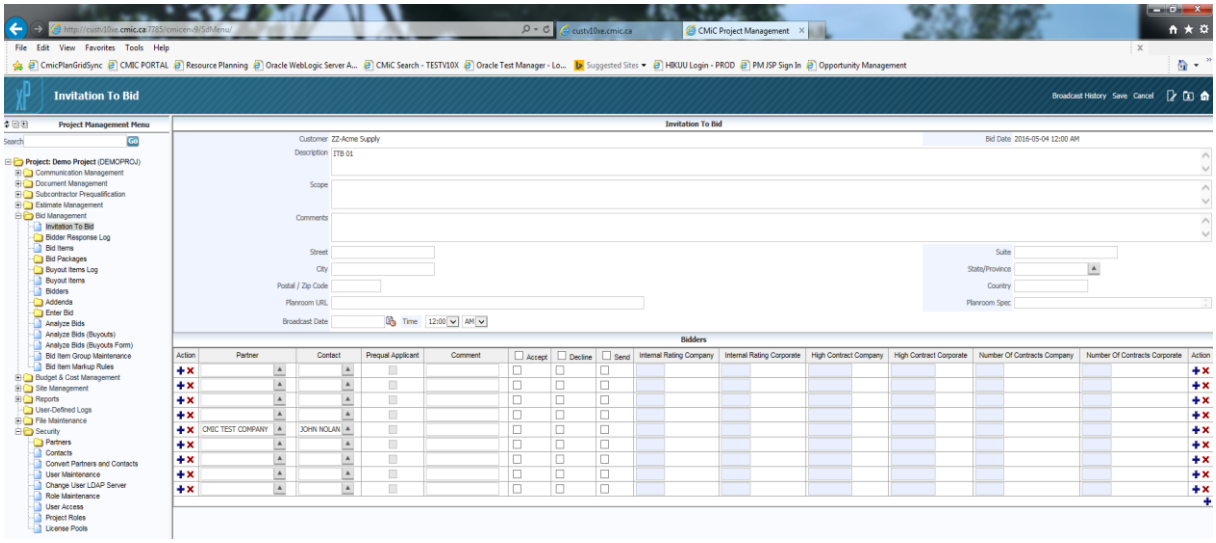


Invitation to Bid - Delete Multiple Bidders (17.31708)

Changes have been made to allow users to delete multiple lines in the Invitation to Bid – Bidders section all at once.

BEFORE:

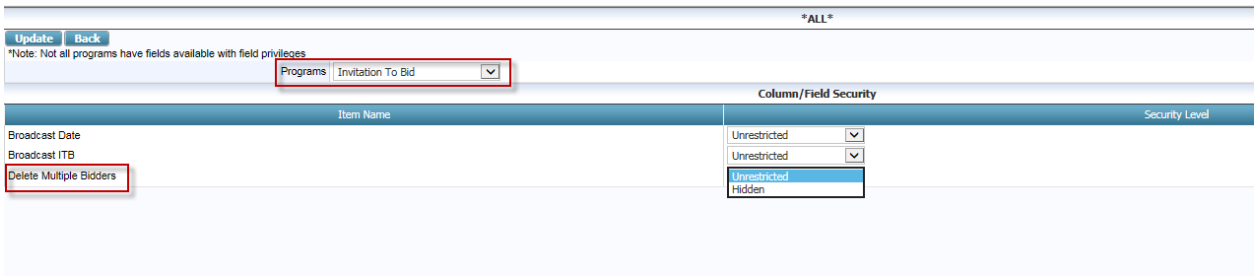
Prior to the changes of this work order, in the Invitation to Bid (ITB) screen, the User could only delete individual lines in the Bidders section by clicking the '**X**' beside it.



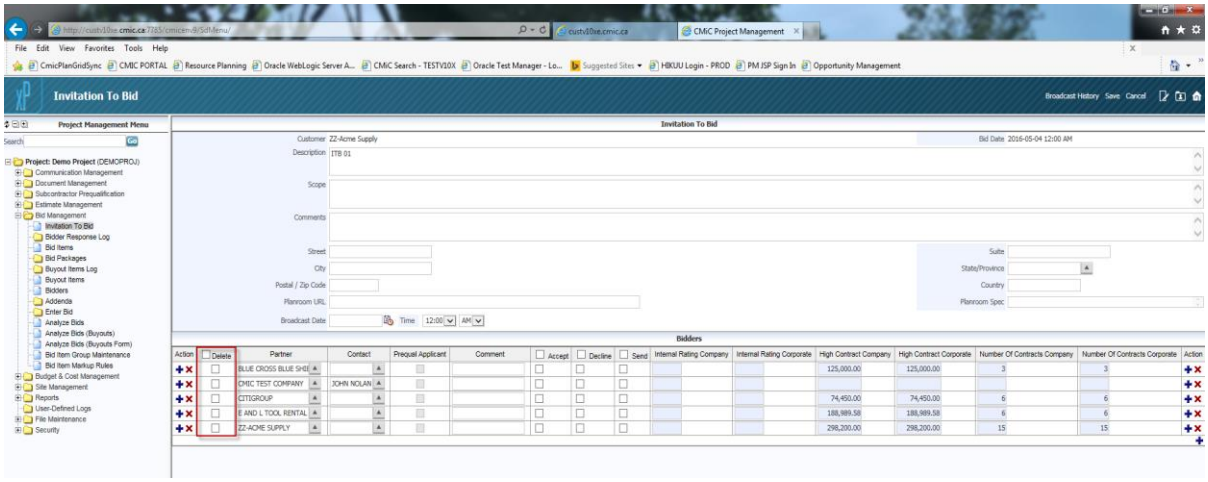
AFTER:

The changes of this work order have introduced a checkbox in the Bidders section of the ITB screen to allow deletion of multiple selected lines.

Field security can be applied to this checkbox. The default setting is 'Unrestricted'.

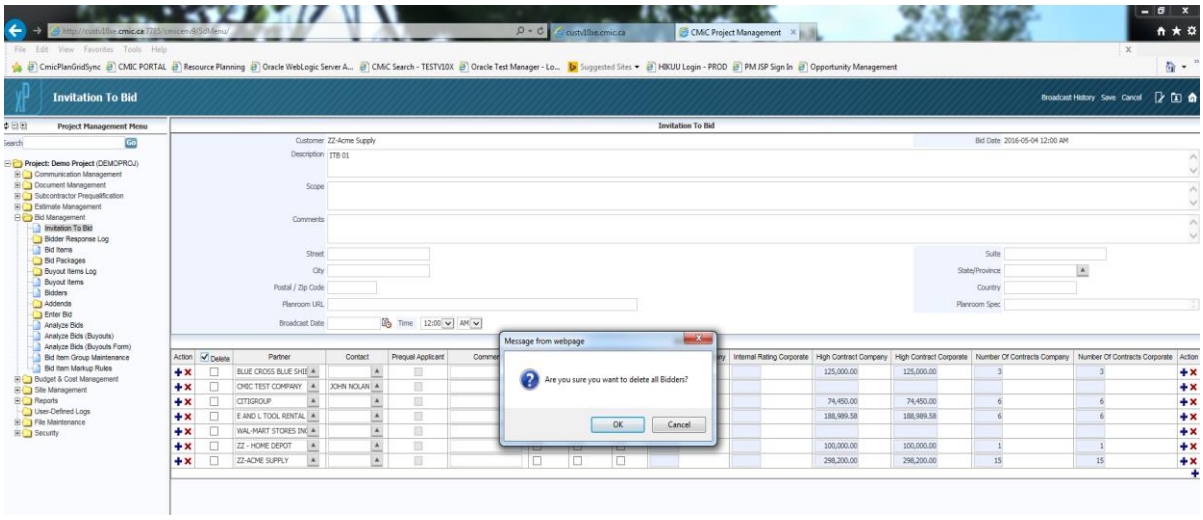


When the field security is set at 'Unrestricted', the checkbox can be seen in **EDIT** mode:



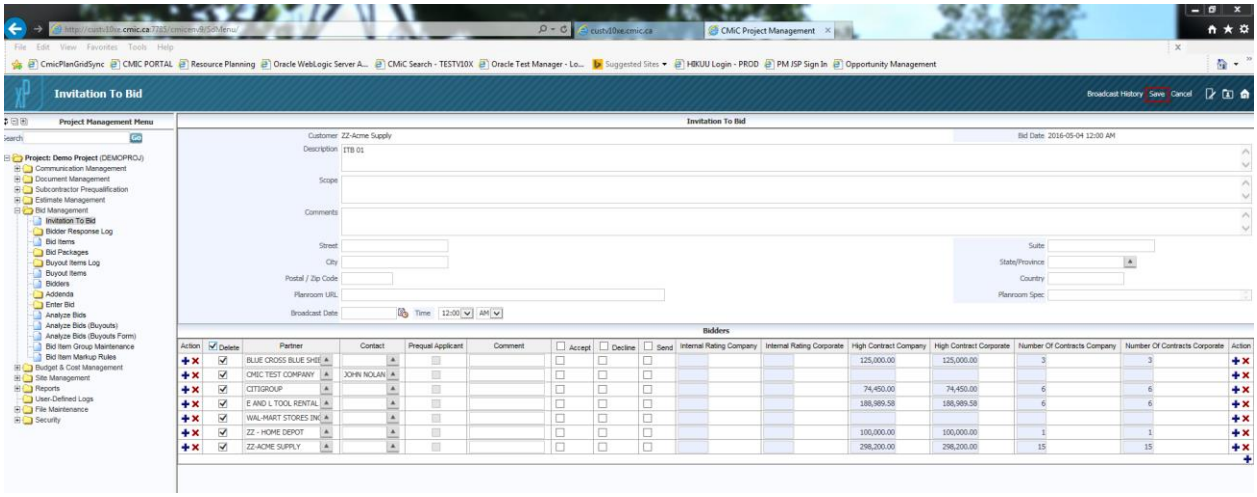
If multiple lines are selected for deletion, they are deleted on saving.

If **ALL** lines are selected for deletion, a confirmation message will appear:

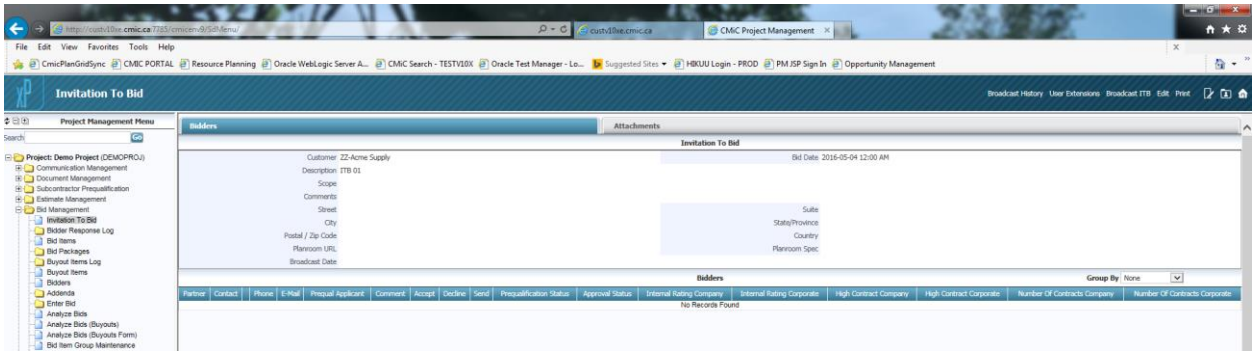


[Cancel] will cancel the action.

[OK] will select all the lines for deletion, and they will be deleted after clicking [Save]:



All lines deleted:



OCO Number Added to OCO Log (16.26851)

The Owner Change Number field has been added to the Log Builder and Log Filter for OCO.

Active Checkbox Added to Contract Type Maintenance in Forms (16.25552)

An 'Active' checkbox has been added to the Contract Type in PM FORMS to indicate whether the Contract Type is still in use (i.e. ‘Active’). In the Subcontract Entry header, if the Contract Type is not active, it is not displayed in the LOV. Existing subcontract records are not validated, so this only applies to new subcontracts.

Deletion of Multiple Lines in SC, SCCO and Submittal Packages (16.22874)

Changes have been made to Subcontracts, Subcontract Change Orders and Submittal Packages to allow deletion of multiple SOV/details lines at once using a ‘Select All’ checkbox.

Copying Inclusions/Exclusions in Subcontracts (16.18326)

Modified the 'Copy From' functionality of **Inclusion/Exclusions** to append records when copying from multiple subcontracts. The system will add all inclusion/exclusions as **additional lines** when copying rather than overwriting by Sequence Number.

Additional Email Notifications for Submittals (16.23544/16.24594/16.26604)

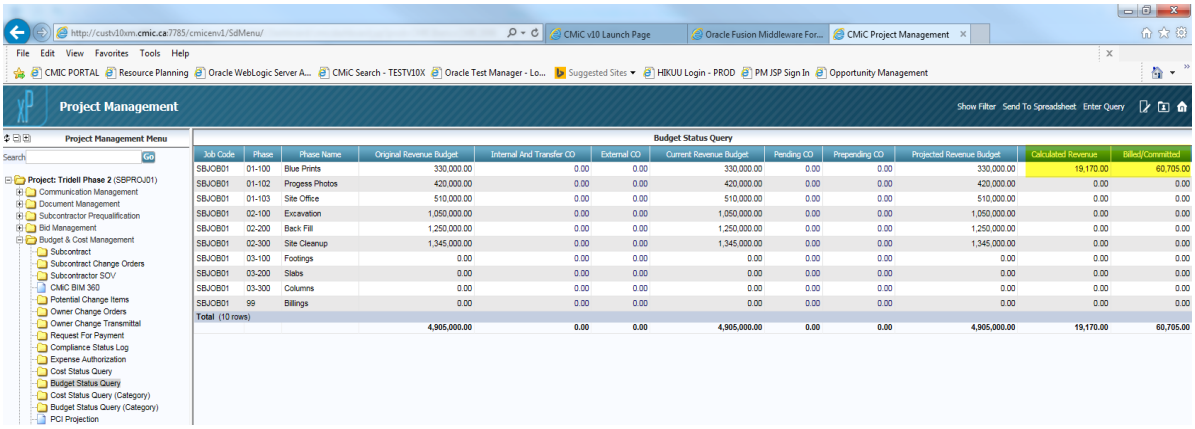
Changes have been made to the Email Preferences of a Contact to include notifications for New, Modified, Notes and Attachments for SUBMITTALS, and to also include notifications for 'CC' and 'ALL'. Previously, only notifications for modifications could be sent under the 'TO' column.

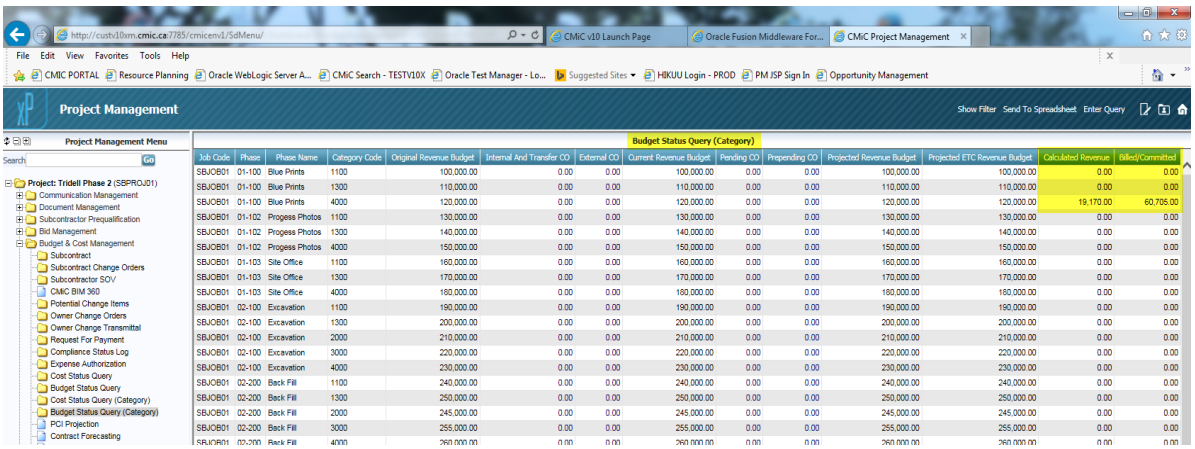
Budget Status Query Logs – 2 New Fields Added (16.19314)

Two new fields have been added to the Log Builder for Budget Status Query and Budget Status Query (Category):

PMOJSQ_CALCULATED_REV_AMT (Calculated Revenue) and

PMOJSQ_BILLED_COMMITTED_AMT (Billed/Committed)





PCI Details - Multi-select LOV for VENDOR or PHASE (16.15948)

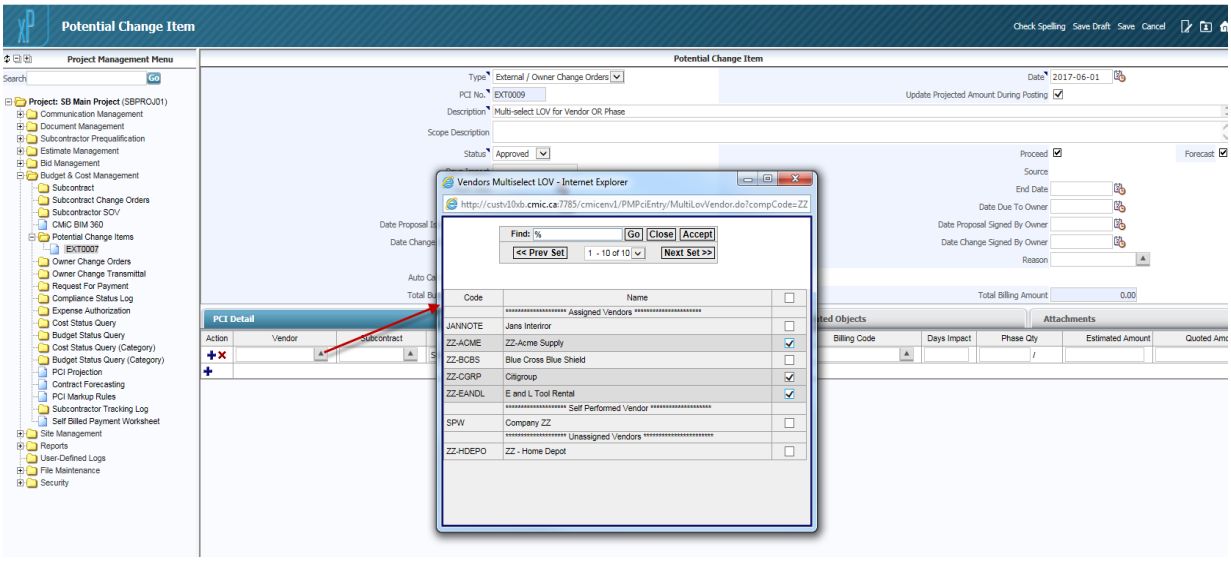
PCI Entry - enhancement made to Vendor LOV to allow multi-selection, OR to the Phase LOV to allow multi-selection, **but not both in the same detail line**, in order to speed up data entry.

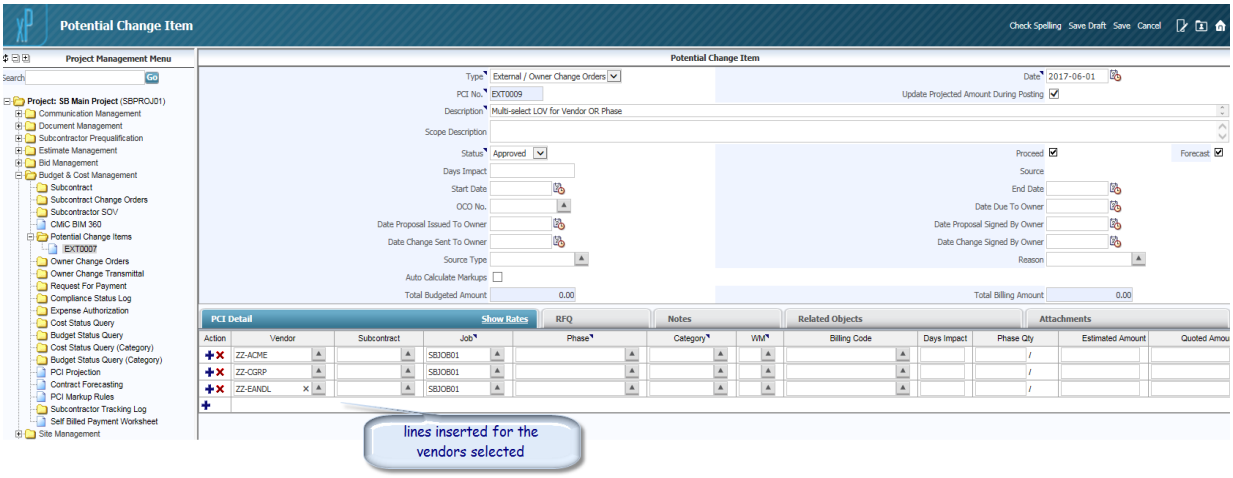
If one or more vendor is selected, then on clicking [Accept] in the LOV, one or more detail line will be created with each vendor selected. The other fields can then be populated by the user.

If one or more phase is selected, then on clicking [Accept] in the LOV, one or more detail line will be created with each phase selected. The other fields can then be populated by the user.

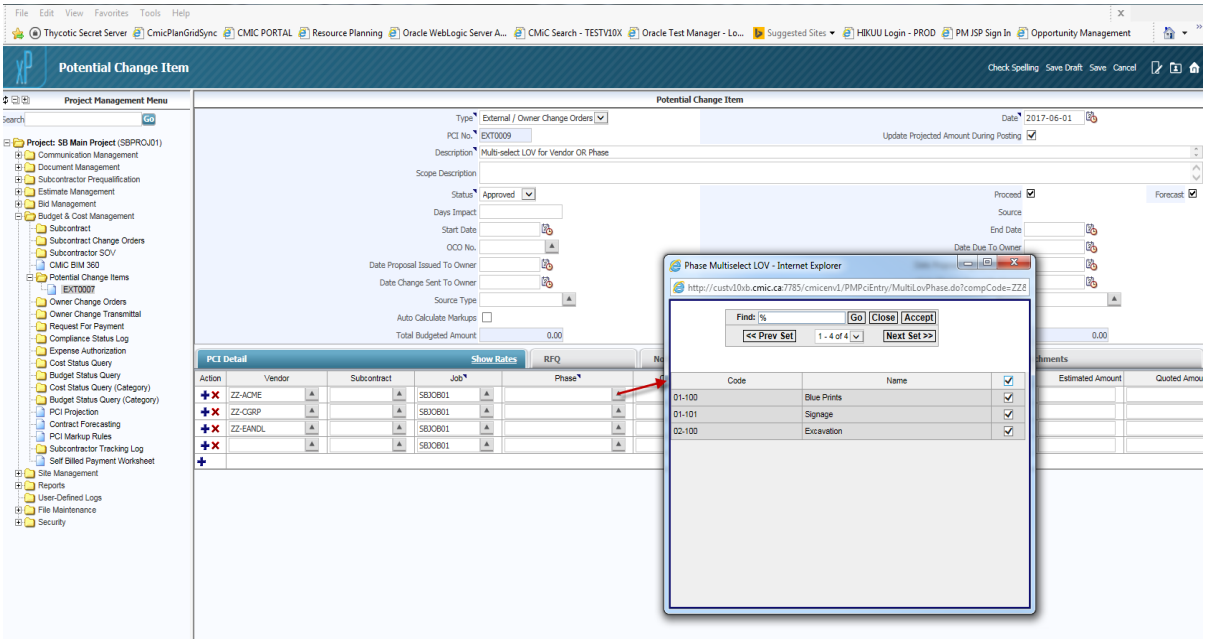
Examples are given below.

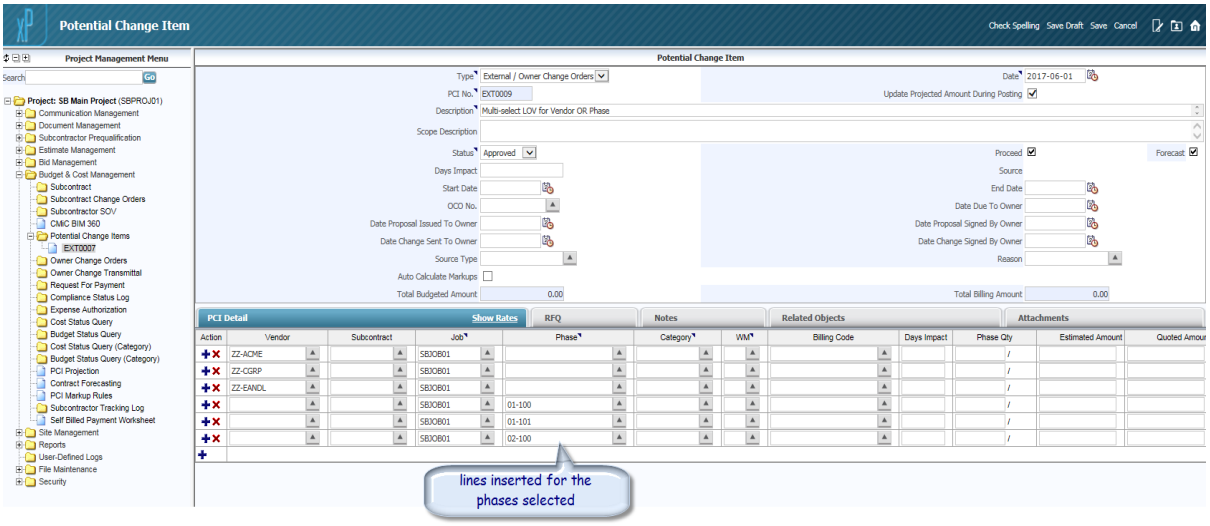
For Vendor LOV:





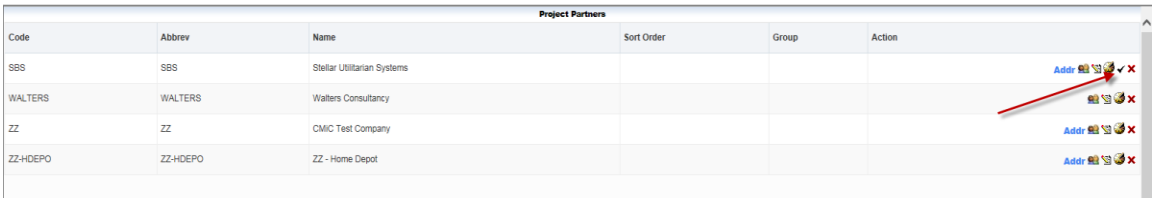
For Phase LOV:



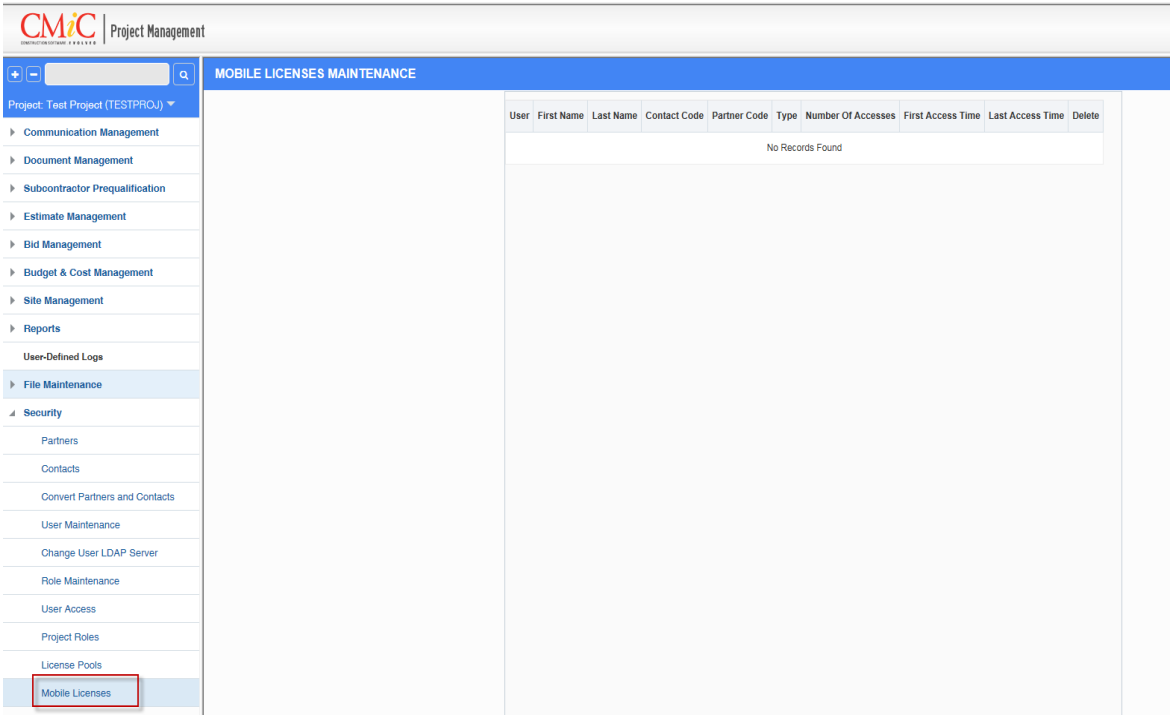


Project Partner – Checkmark for Notes (16.27347)

Project Partner Directory - Added a checkmark if partner has notes:

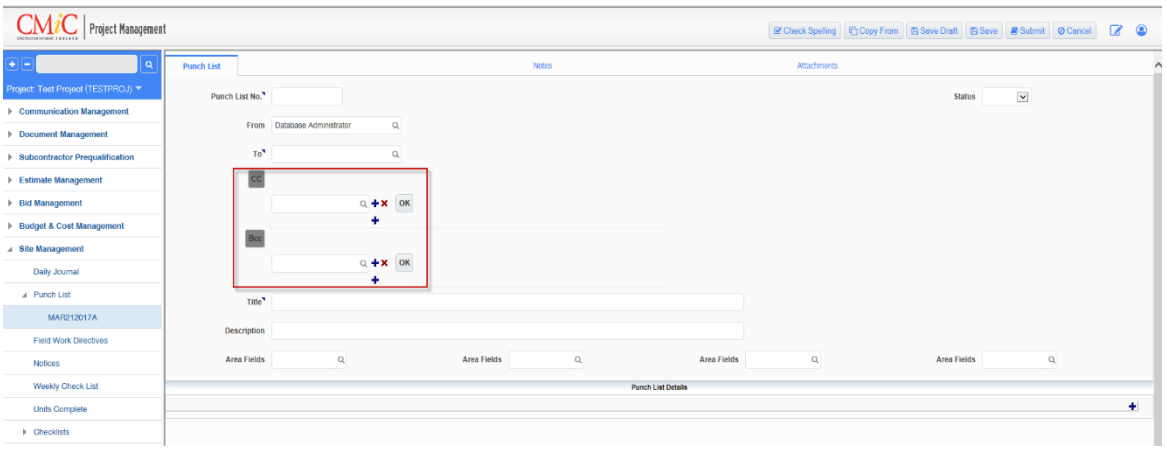


Mobile License Maintenance (16.23027)



Added Mobile Licenses menu option under the Security tree-view node.

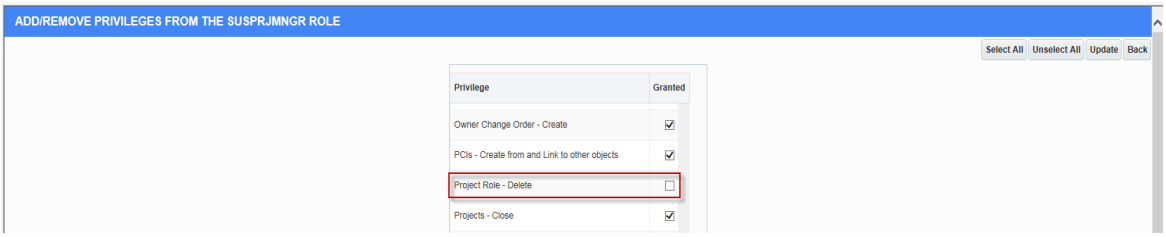
Punch List – CC and Bcc Buttons Added (16.20428)



Added the CC and Bcc buttons to the Punch List entry screen. When the buttons are clicked they open up entry lines for adding contacts as cc's and Bcc's. They are available in Add and Edit modes of the Punch List program.

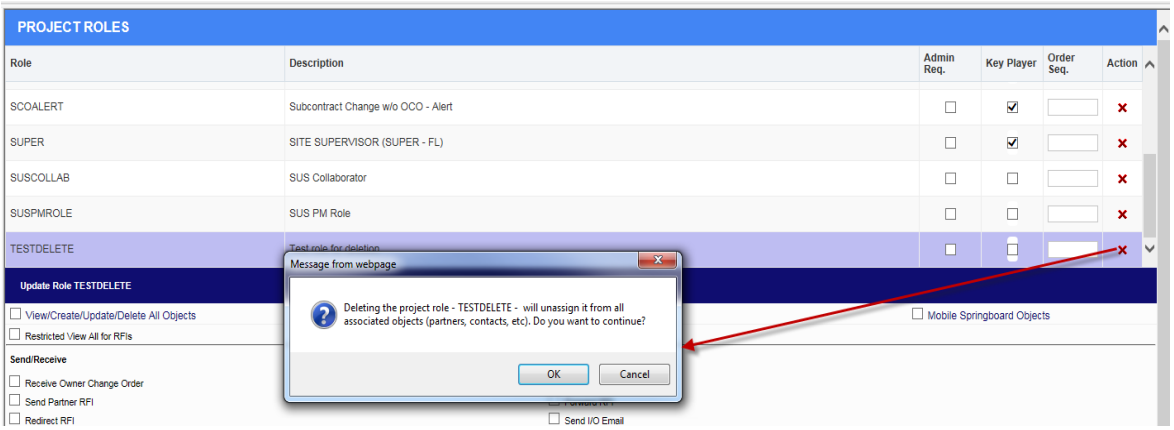
Field security can be applied to the Bcc button if desired.

Delete PM Project Role (17.36171)



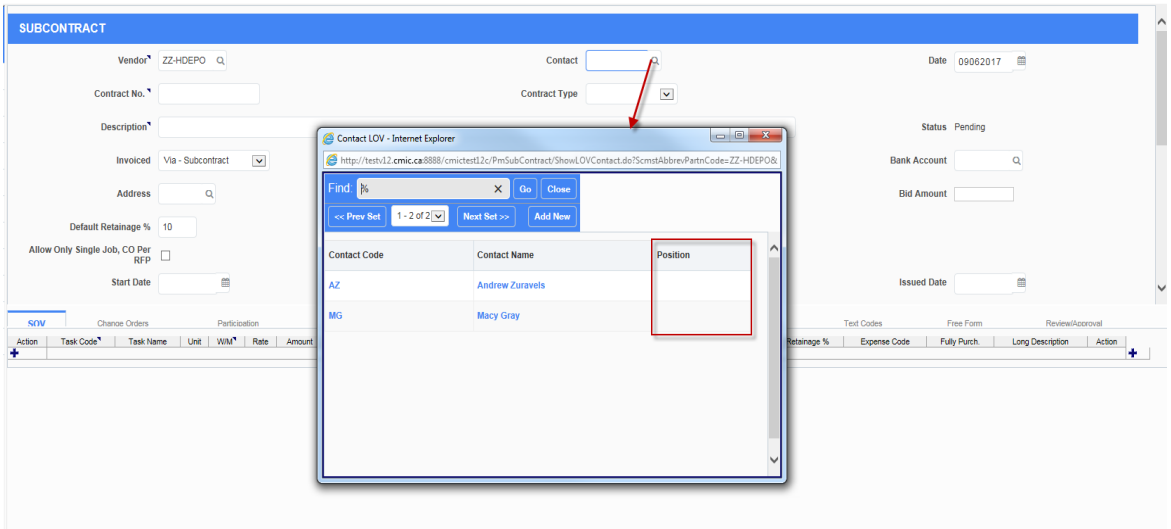
Added the ability to DELETE PROJECT ROLES once the user has access to the security privilege: "Project Role – Delete".

When the user has this privilege the 'Action' column in the project role screen will display the red 'X' to delete a role. On clicking this 'X' beside a role, a confirmation popup box is displayed:



[Cancel] will cancel the deletion and [OK] will un-assign the project role from all its association with objects in the system.

Subcontract - Position Field in Contact LOV (17.35709)



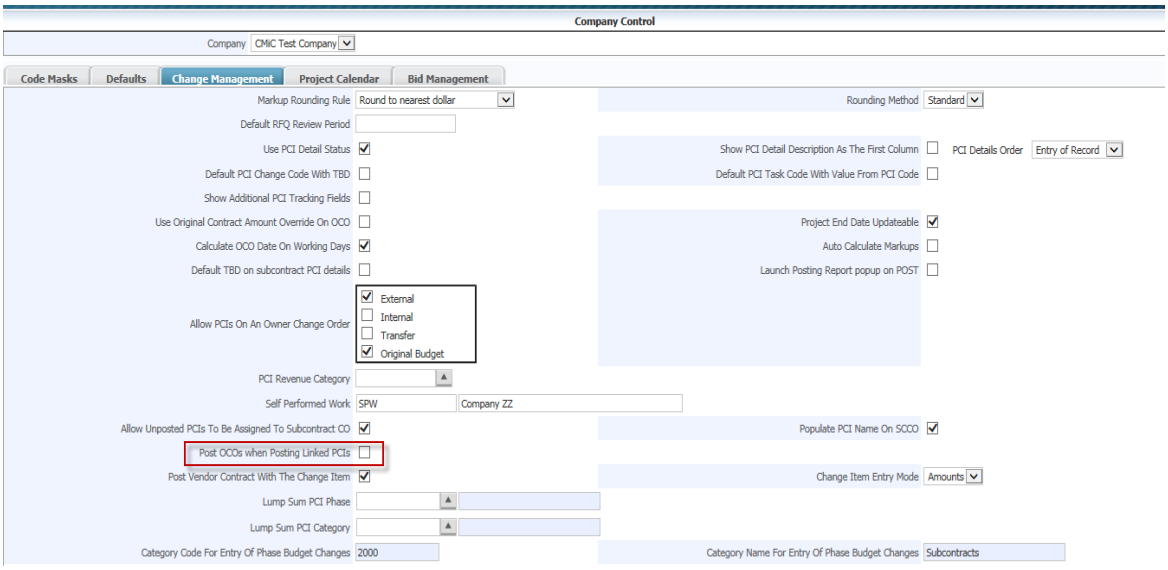
Subcontract Entry - Added a new column "Position" in the Contact LOV.

Not Automatically Posting OCO with Posted PCIs Linked to it (17.34026)

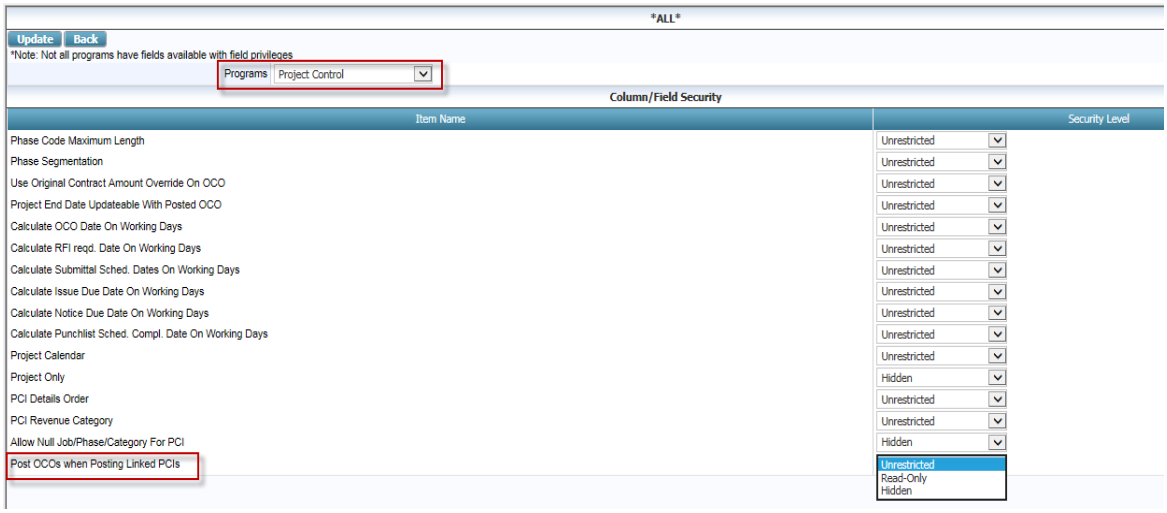
The flag ‘Post OCOs when Posting Linked PCIs’ has been introduced.

By default it is checked to maintain standard functionality whereby if a Posted PCI is linked to an unposted OCO, the entire OCO gets posted so long as every other PCI linked to the OCO has already been posted.

When unchecked, the OCO will not be posted if a Posted PCI is linked to the unposted OCO, even though every other PCI linked to the OCO is already posted.



Field security can be applied to this flag as well:

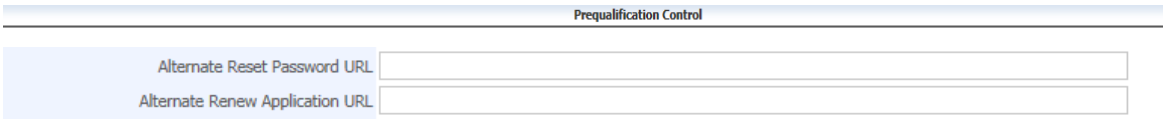


User-defined URLs for Prequalification (17.30817)

Two fields have been introduced in the Prequalification Control screen to allow the user more flexibility in setting the URLs that are generated in the password reset emails sent to Subcontractors and Applicants.

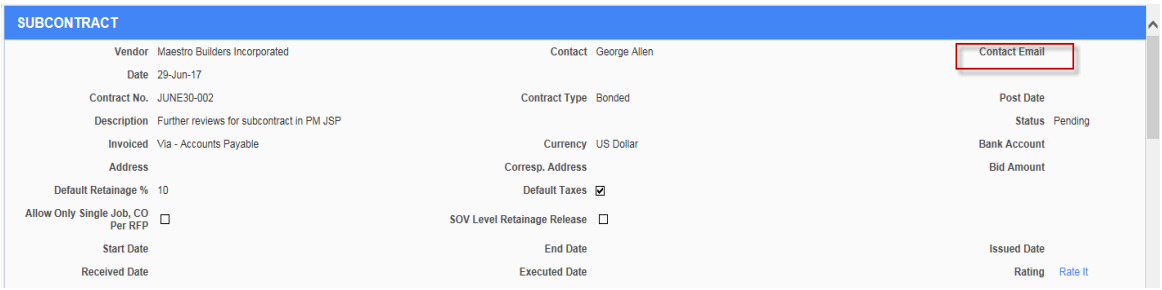
Alternate Rest Password URL pertains to Applicants

Alternate Renew Application URL pertains to Subcontractors



If these fields are null, the system determined urls will be used, otherwise the urls defined by the user will be used.

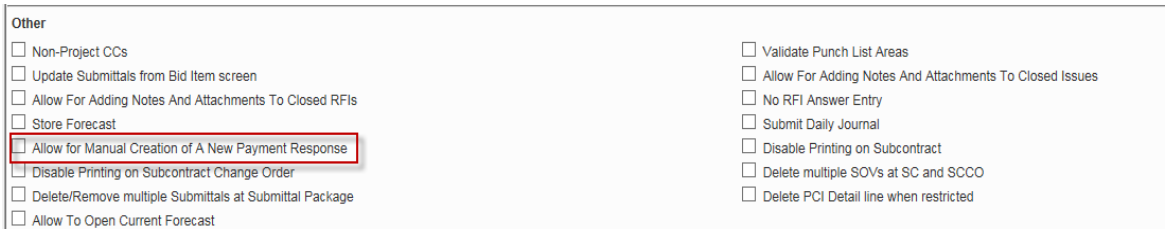
Subcontract Header – Contact Email (17.31037)



Added a new field named **Contact Email** in the header of subcontract page. The value of it will be shown in the TO list when printing/sending (by email) this subcontract.

Also added field security for contact email address in the subcontract header.

Manual Self Billed Payment Response (17.37285)



A new PM Role privilege has been added. It is: "**Allow for Manual Creation of A New Payment Response**".

Background

This enhancement is related to the Payment Response/Textura integration.

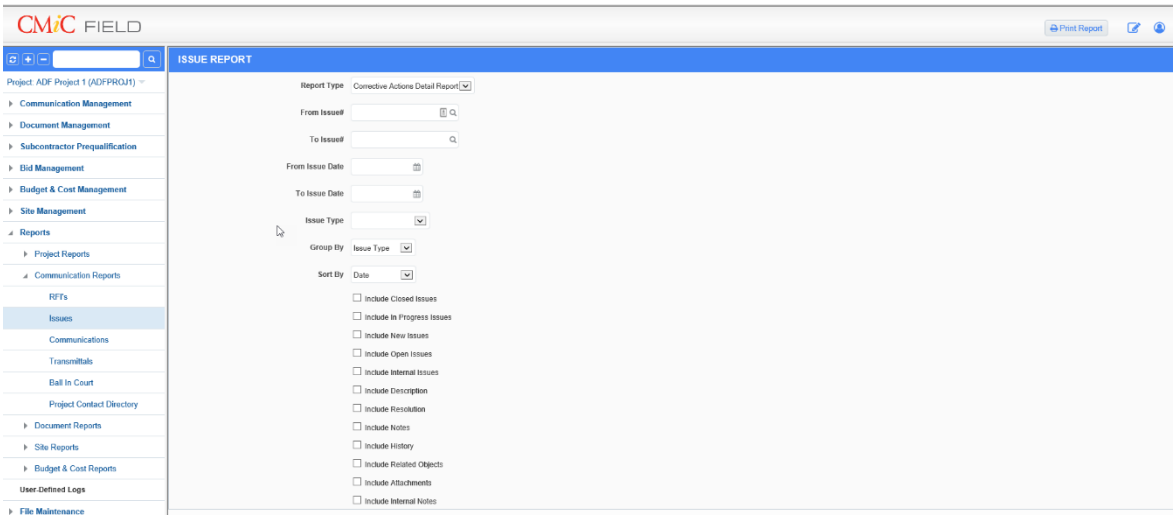
Textura will provide the payment response record that will be imported into CMiC.

The imported Textura record will be set to approved and this will make the record read-only.

To facilitate manual entry of a new payment response for a project being managed through Textura the new privilege has been introduced. Only users with this privilege will be allowed to create a payment response for a project managed by Textura.

By Default the privilege is unchecked (= N), that is, the user cannot do a manual entry.

Issues Reports (10.53363)

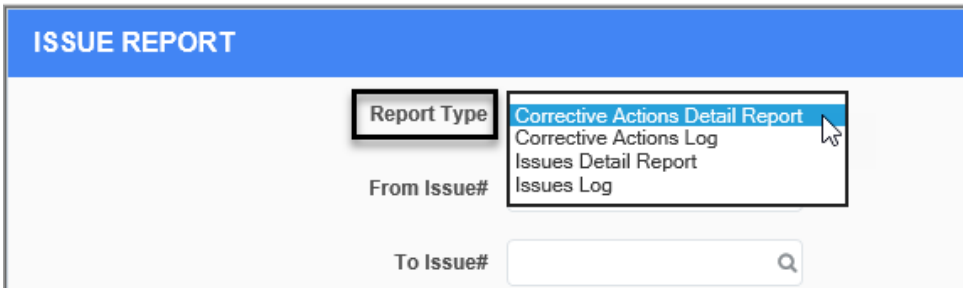


CMiC has added a new Issues Report launch screen which is accessed from the PM JSP path: ***Reports > Communication Reports > Issues***

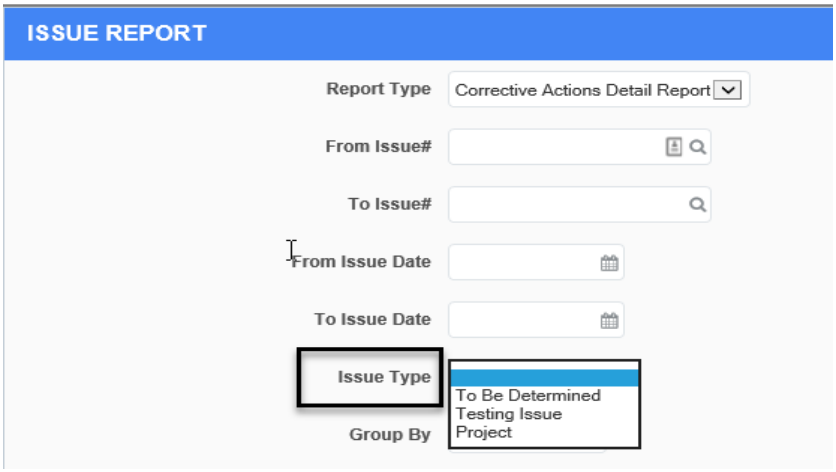
The reports are associated with Issue records belonging to the **current project** only.

Screen prints of the LOVs are shown below:

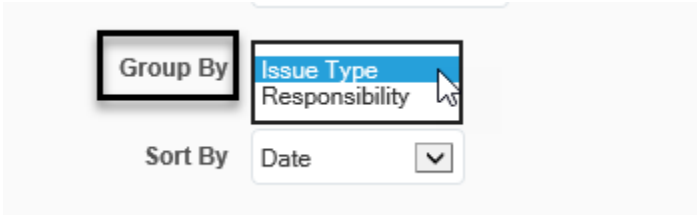
Report Type



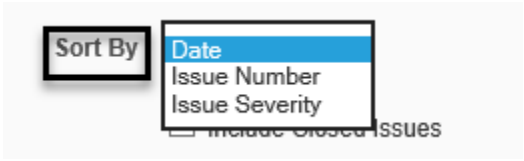
Issue Type



Group By



Sort By



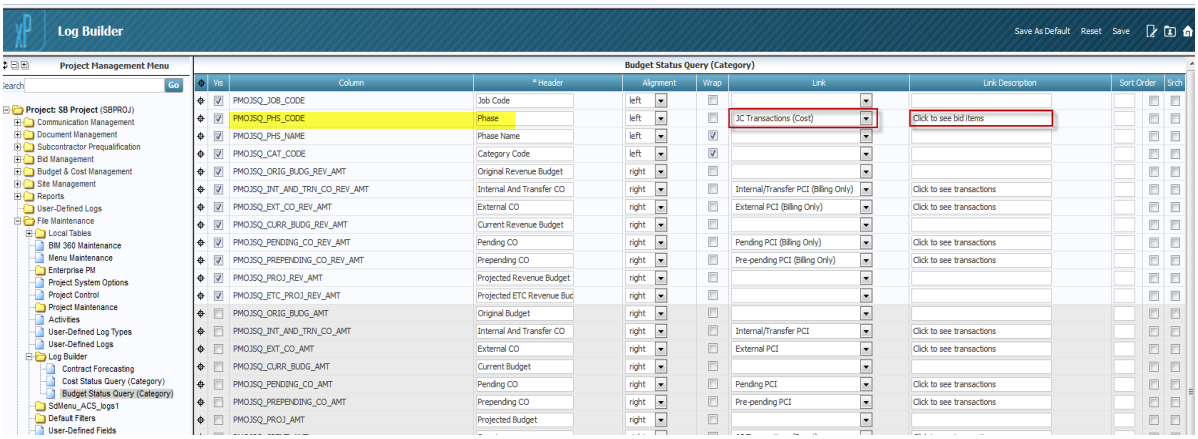
Checkboxes for Include Notes, Include History, Include Related Objects, Include Attachments and Include Internal Notes are only available for the **detail** reports (Issues Detail or Corrective Actions Detail).

Bid Items Pop-up in Cost Status Queries and Contract Forecast

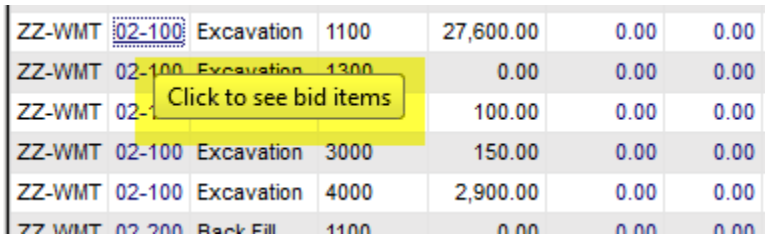
(16.19617)

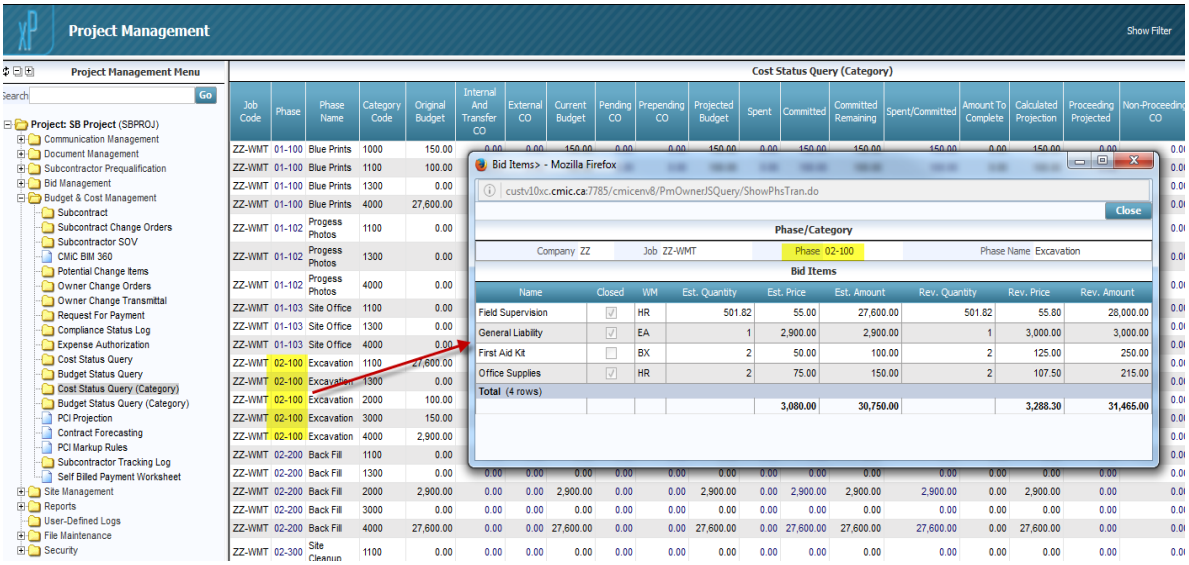
Changes have been made to add a pop-up screen to the 'Cost Status Query by Category', 'Revenue Status Query by Category', and the 'Contract Forecasting' screens showing the bid items information. The data included in the pop-up is: Bid Item Name, Closed flag, WM, Estimate Quantity, Estimate Price, Estimate Amount, Revenue Quantity, Revenue Price, and Revenue Amount. The pop-up is accessible by clicking on the cost code (phase code) and Category.

To set up the link in the Cost Status (Category) and Revenue Status (Category) queries, go to the Log Builder for each of these queries and do the following: for the Phase field, select ‘JC Transactions (Cost)’ in the Link column, and enter ‘Click to see bid items’ (for example) in the Link Description column:

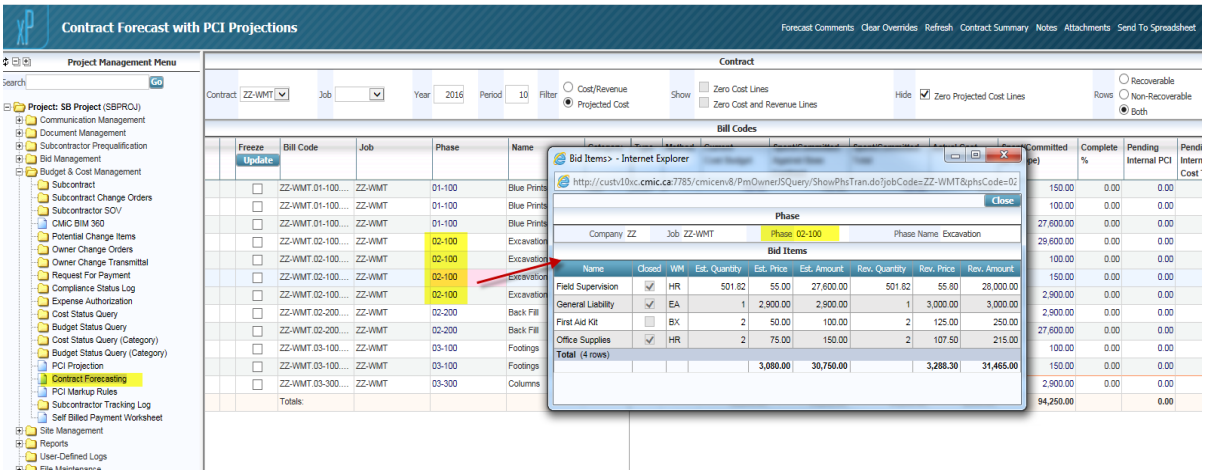


When done, go to the queries to see the effect of the changes:

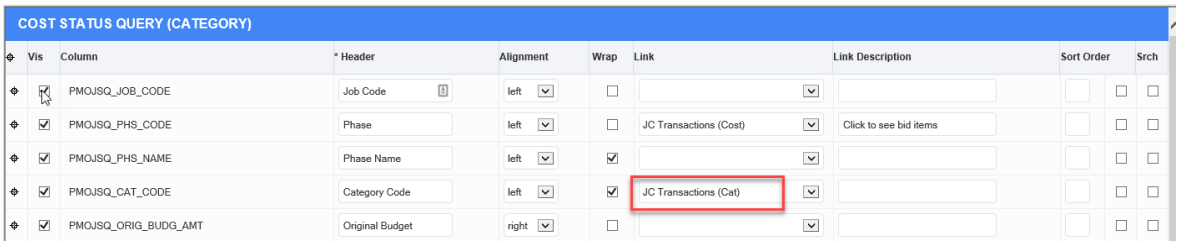




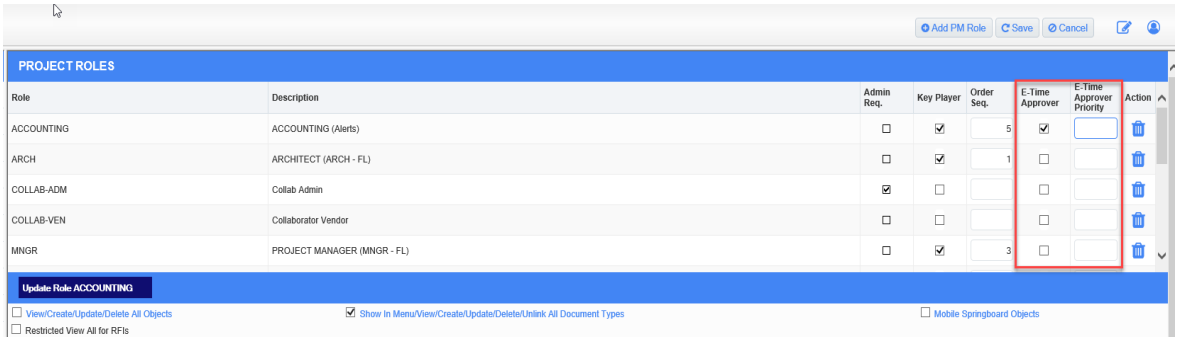
In the case of the Contract Forecast, the changes are coded in the program directly, so when the user launches the program for a period, the Bid Items popup will be displayed after clicking the Phase of any line (the blue color indicates that there is an underlying link):



NOTE: Additional changes were made so that **drill down can be done on Category** as well, to see the Bid Items. In this case, the link would be, for example:



E-Time Approver and E-Time Priority for Project Roles (17.31774)



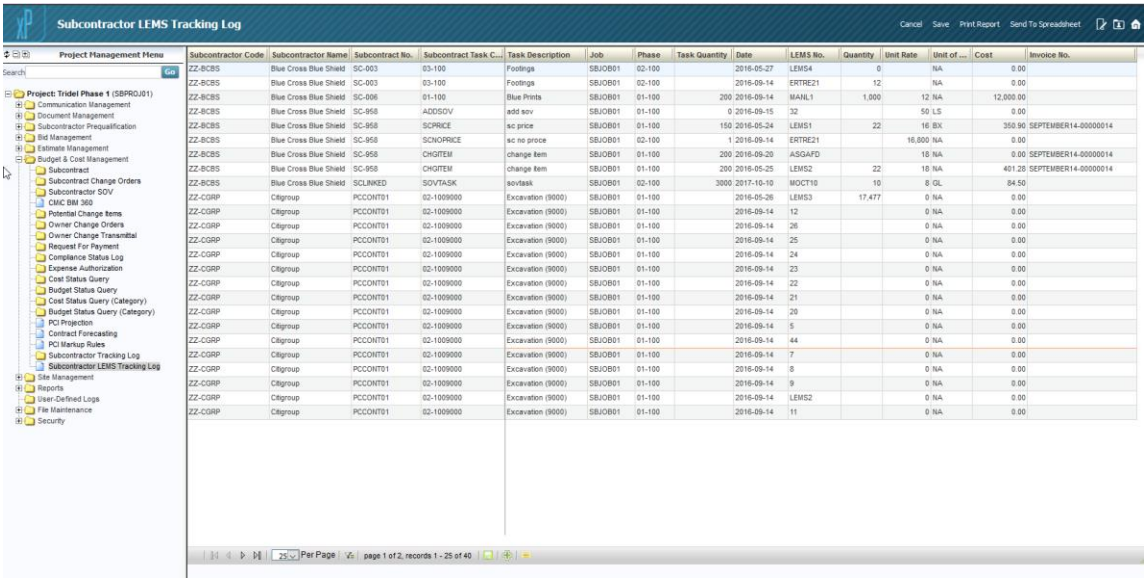
The **E-Time Approver** flag and **E-Time Approver Priority** (priority level for the E-Time Approver) have been added to the PM Project Roles screen. This is to allow users with a particular Project Role to approve timesheets for their projects. The E-Time Approver Priority is numeric.

These PM settings only take effect if the '**Project Manager**' flag is checked in the E-Time Access Code Detail screen. That is, E-Time Approval authority is based on PM Project role settings. Otherwise, if the Project Manager flag in the E-Time Access Code Detail screen is unchecked, E-Time Approval authority is based on previous E-Time Approval rights.

I/O Email- Unique ID After Subject (16.14098)

Added checkbox "Unique ID After Subject" to "Miscellaneous" tab of the CMIC I/O Form.

Subcontractor LEMS (Labor, Equipment, Materials, Subcontract) (15.04070)



Added new program - Subcontractor LEMS (Labor, Equipment, Materials, Subcontract) Tracking sigma grid.

Restrict Deletion of PCI Detail Lines (16.23601)

PM JSP/ADF:

1. Added a new option to PM System Option - "Restrict Deletion of PCI Detail Lines". Unchecked by Default to preserve existing functionality.

2. Added a new privilege to PM Roles: Delete PCI Detail line when restricted.

Search PM Notes (17.31620)

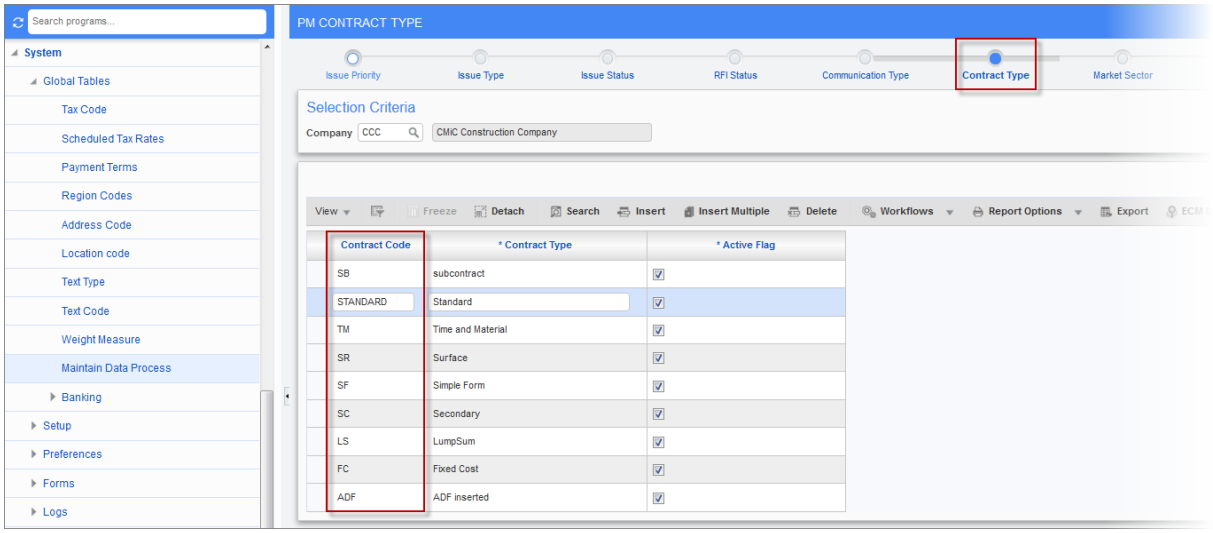
Added [Search PM Notes] functionality to Meeting Minutes to allow user to search through Meeting Minutes Notes and locate items with a common search phrase.

Field security can be applied to the [Search PM Notes] button.

SC Contract Mask for Contract Types (15.13370)

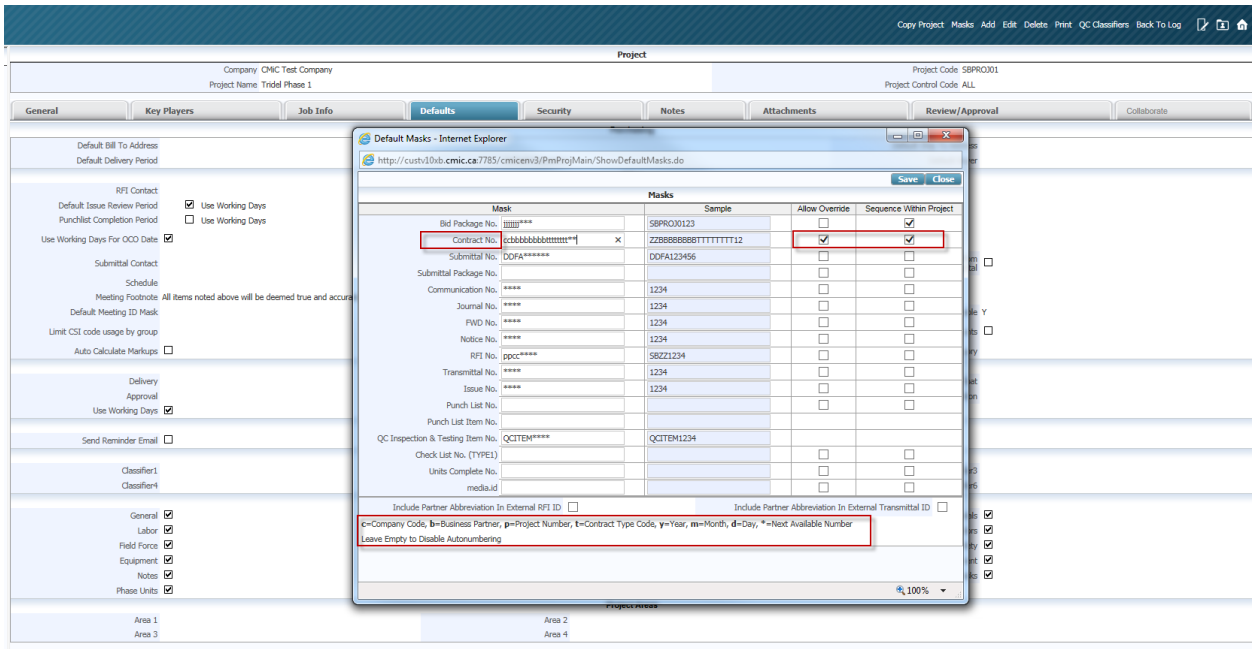
Overview of changes made:

1. Added Code to Contract Type screen.

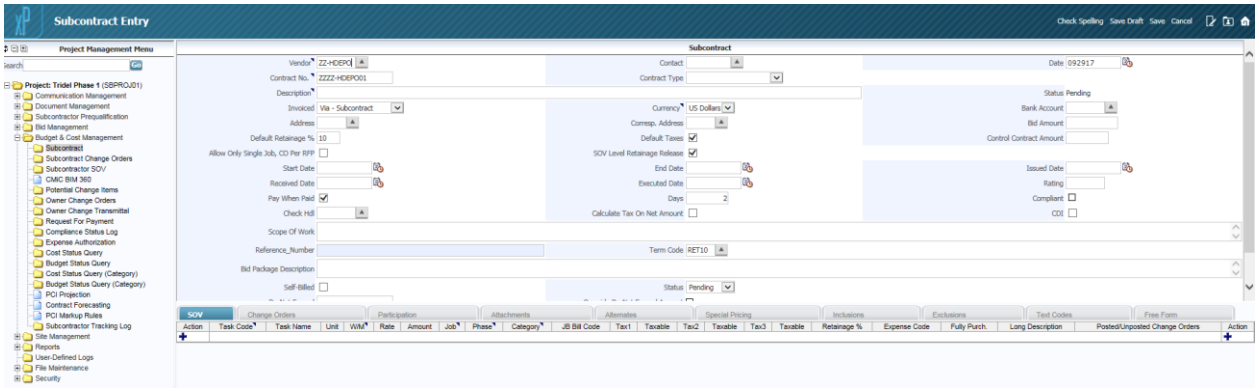


2. Added mask for Contract No. at the Project level (path***: Project Maintenance > Defaults tab – [Masks]*** button). The mask can include 't' for Contract Type Code.

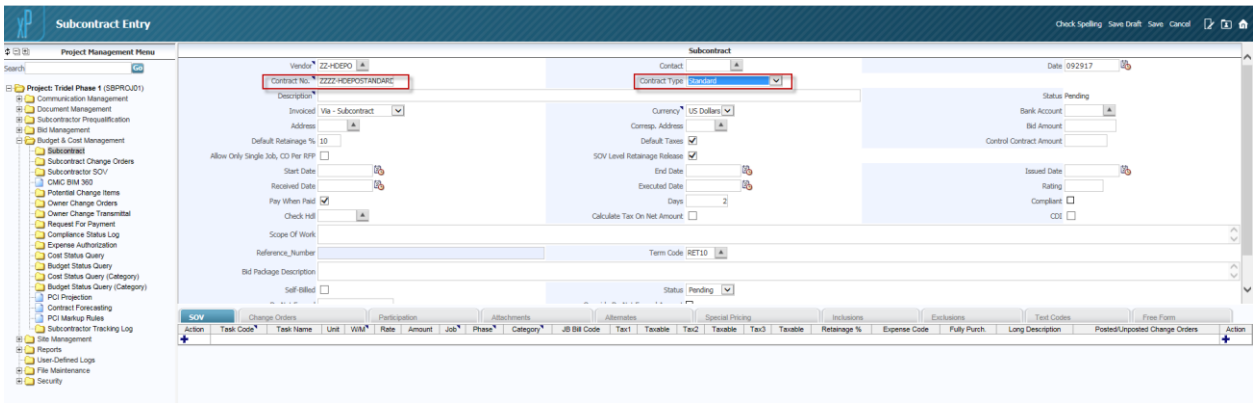
Also added 'Allow Override' and 'Sequence Within Project' checkboxes.



3. In Subcontract Entry, the project level mask will be used to determine the Contract Number.

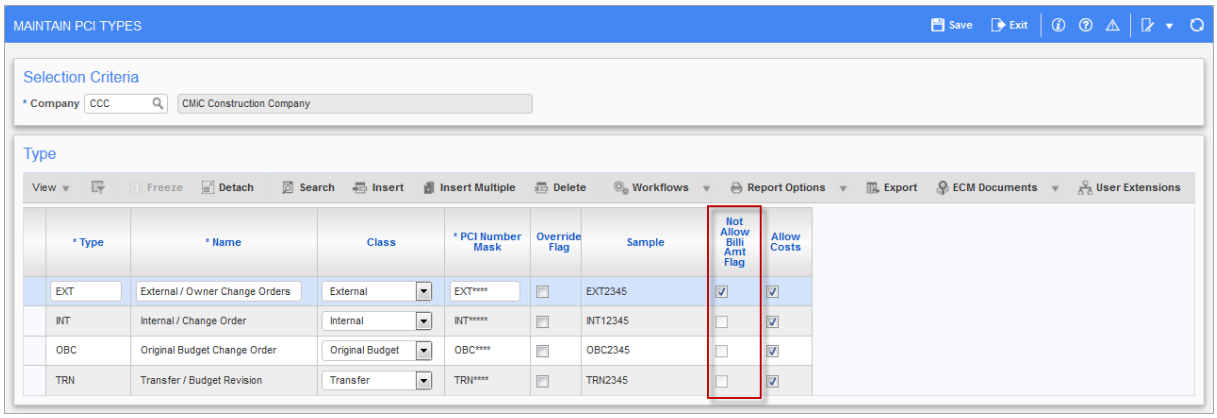


If the Contract Type is selected in the subcontract record, it will overwrite the default Contract Code, and include the contract type as part of the mask:



NOTE: If No Subcontract mask is set at the project level, then the auto-numbering setting from the SC Control file will take effect.

PCI Entry – Allow/Not Allow Billing Amount (17.41246)

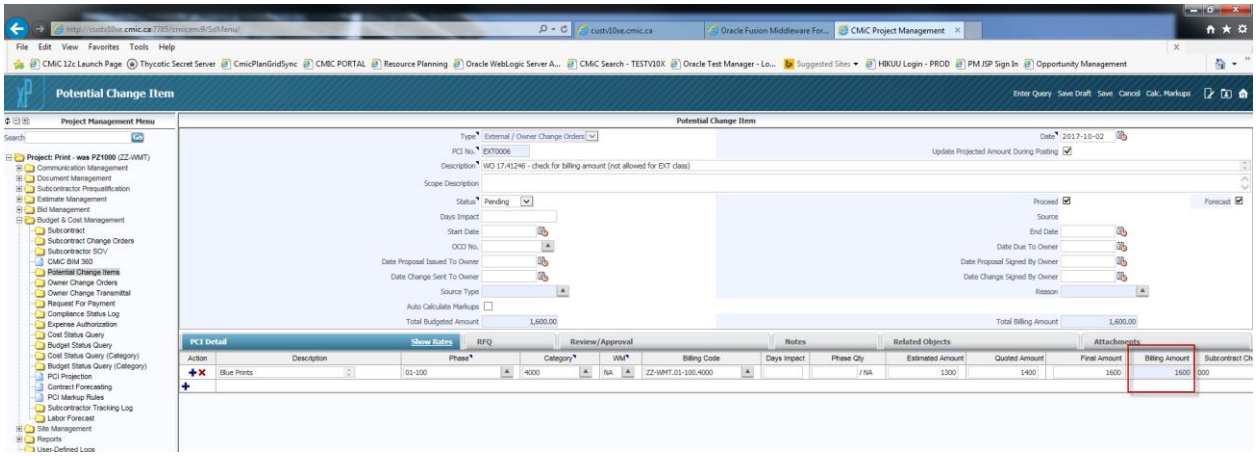


PCI Entry – Checkbox in PCI Type, update of checkbox applicable only to External Class Type – to Allow/Not Allow Billing Amount.

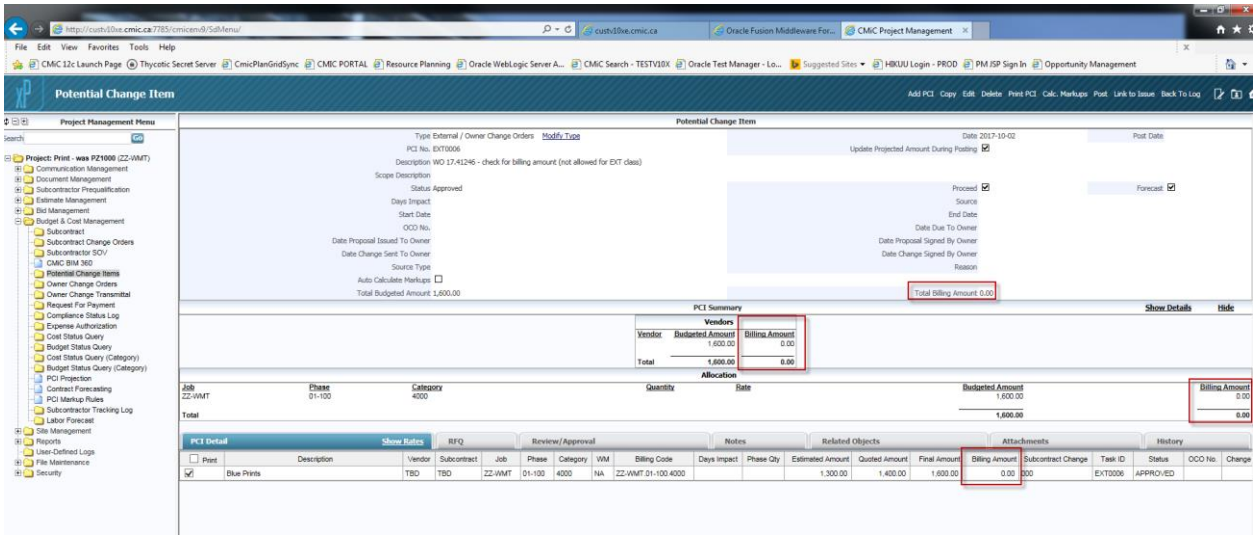
Only Class Type ‘External’ is allowed to have the new flag checked/unchecked.

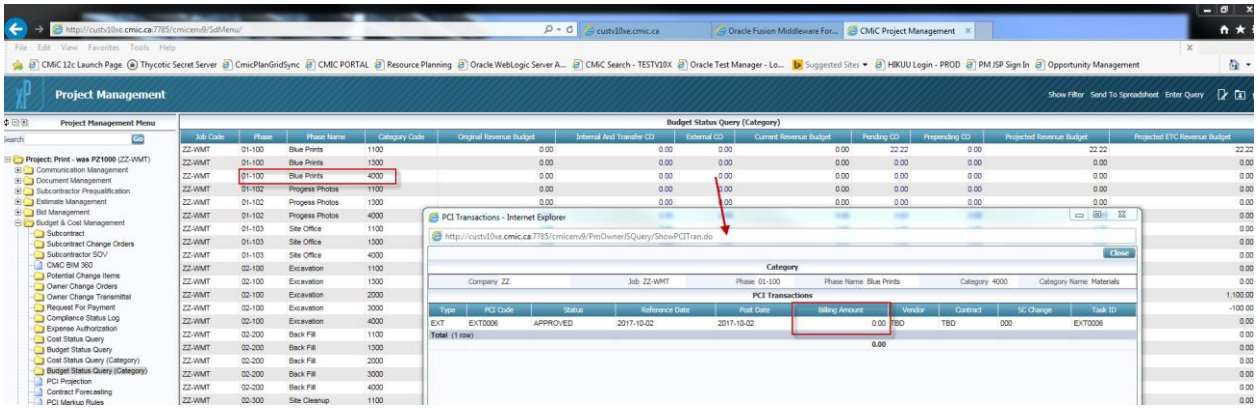
The system validates for the other class types and will issue a message if the user tries to update the flag for Internal, OBC and Transfer types

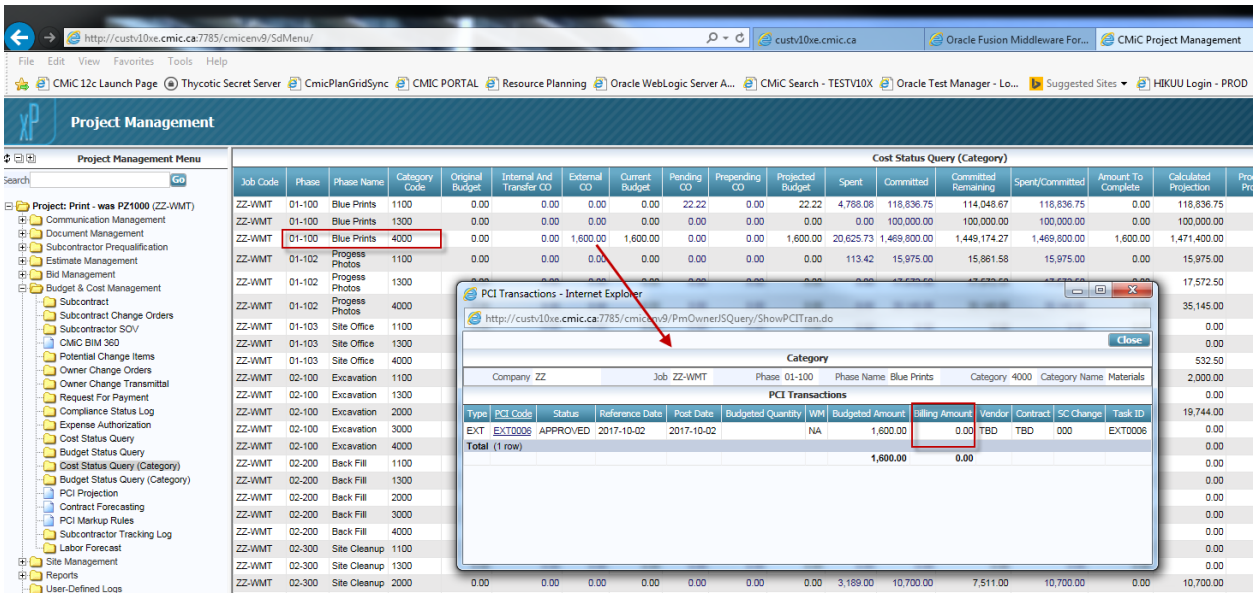
In PCI Entry, the PCI Type with this checkbox checked will default the Billing Amount, but on saving it will be changed to 0, and the field is also Read-only:



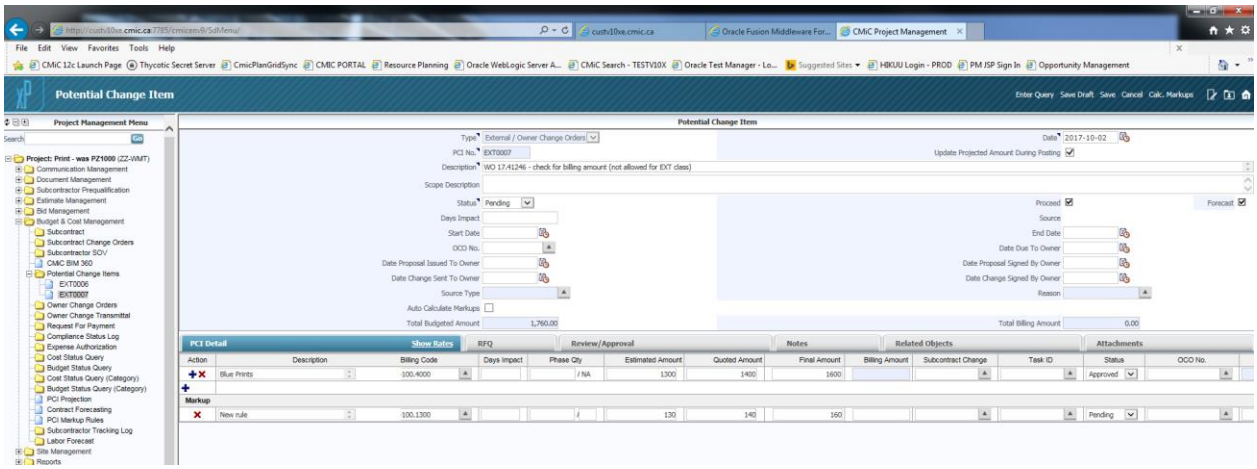
On Saving:

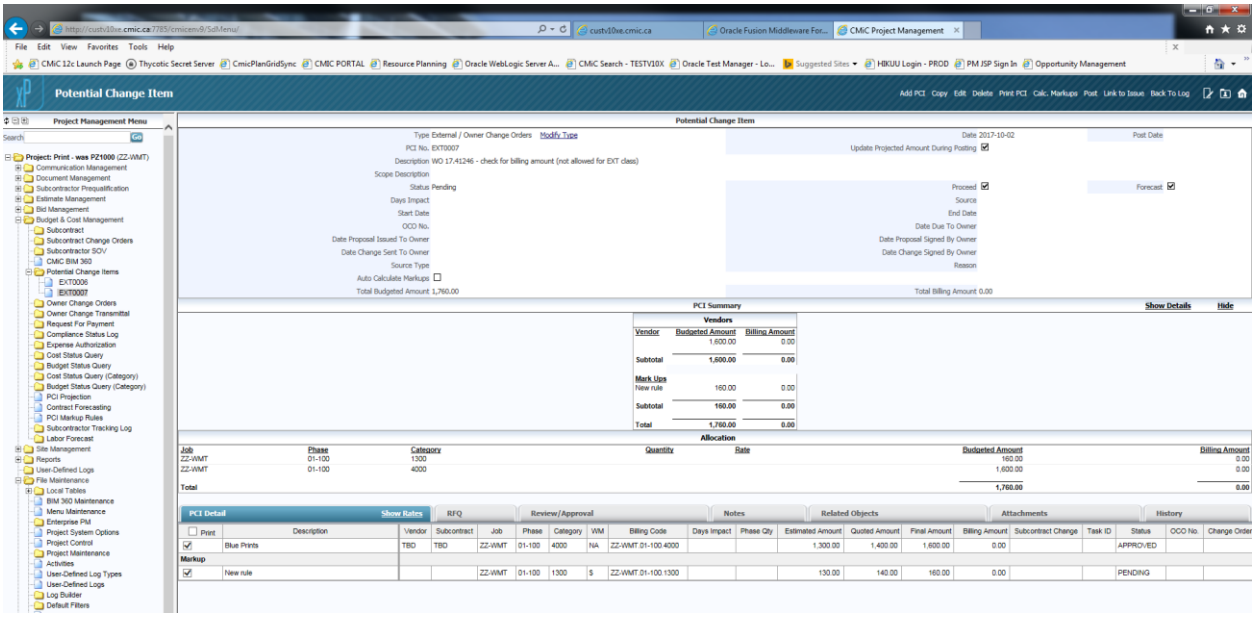




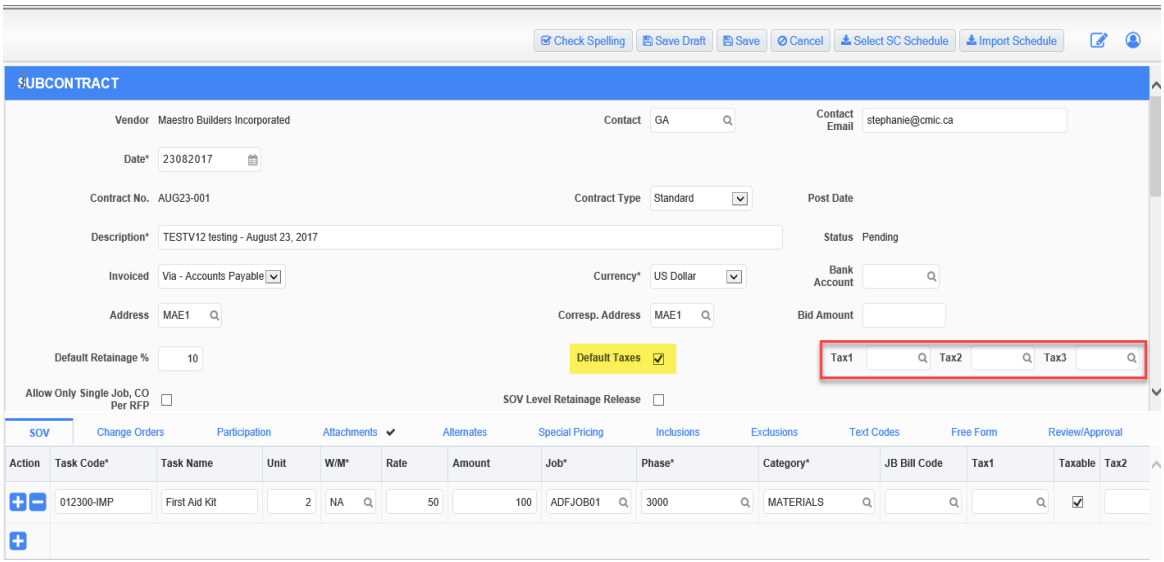


Including Markups:





Tax Codes in SC/SCCO Header (15.06063)

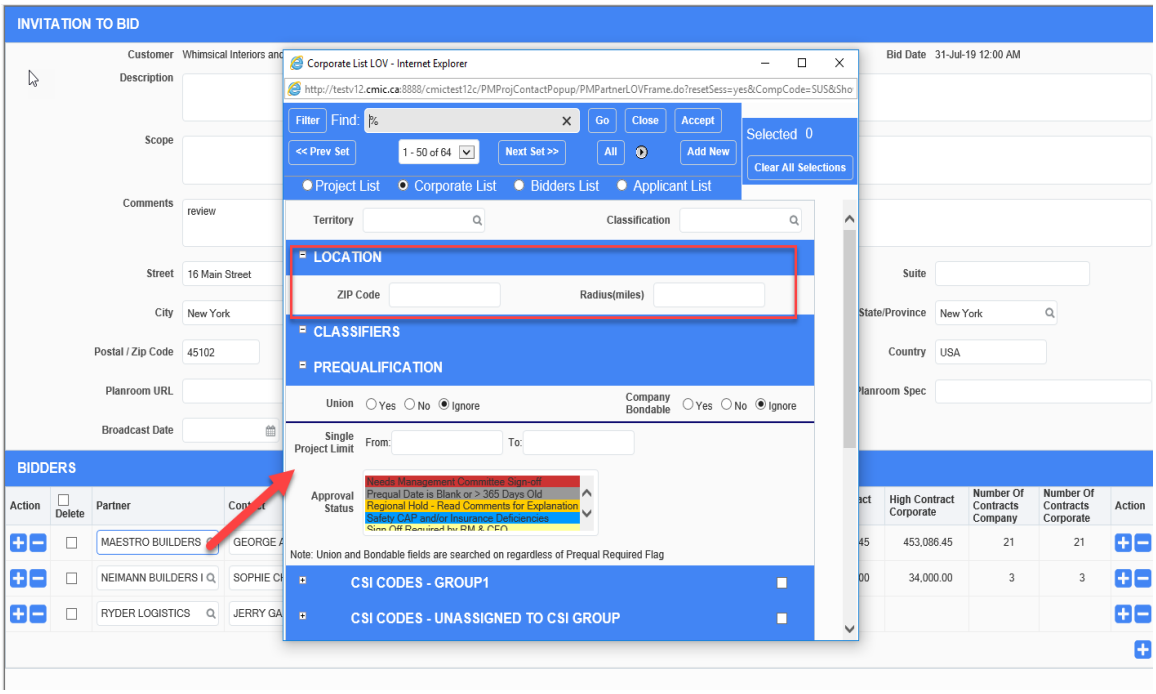


Tax codes have been added to the SC/SCCO header. The User will be allowed to make this setup on base subcontracts only, however, these fields will be available as (Read Only) on change orders.

Modifications were made to the Subcontract program to provide three fields (Tax1, Tax2, Tax3 similar as available on detail) on the SC Header, where the user will be able to enter tax codes when the checkbox [Default Tax] is checked.

By Default, these fields are HIDDEN on the header by field security.

Bidders – Filter By Location (16.22688)

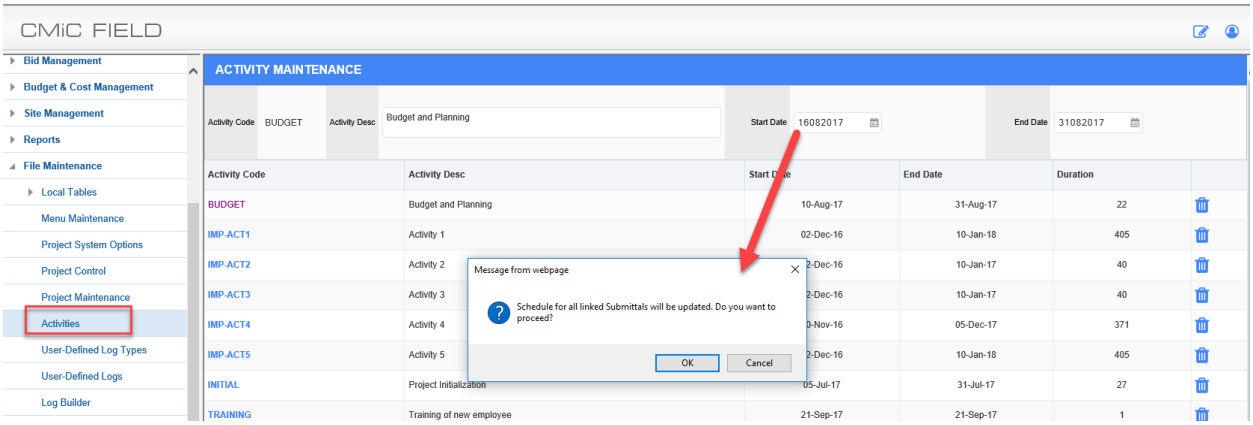


Added Filter by Location to the Bidders popup in Bid Packages and Invitation to Bid. Zip Code and Radius are added to filter by.

RFQ Broadcast – Store Info in PCI History Tab (17.36832)

RFQ Broadcast - Modifications to store RFQ Broadcast information on the PCI History tab.

Activities – Warning Message when Updating Start Date (17.37332)



Modified Activities JSP program so that on updating the Start Date, the system issues a warning message if there are Submittals linked to this Activity with options [OK] or [Cancel].

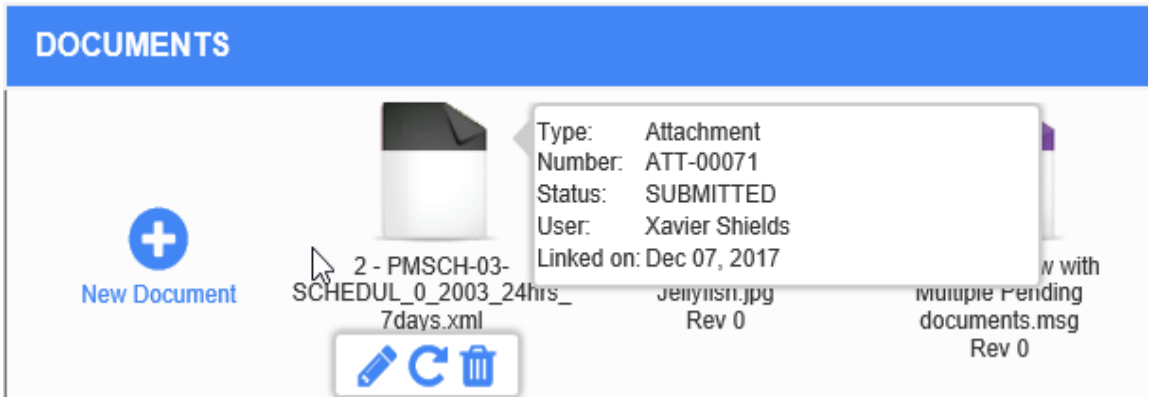
Warning message: 'There are some submittals linked with this activity code, all linked Submittals will be updated. Do you want to proceed?'

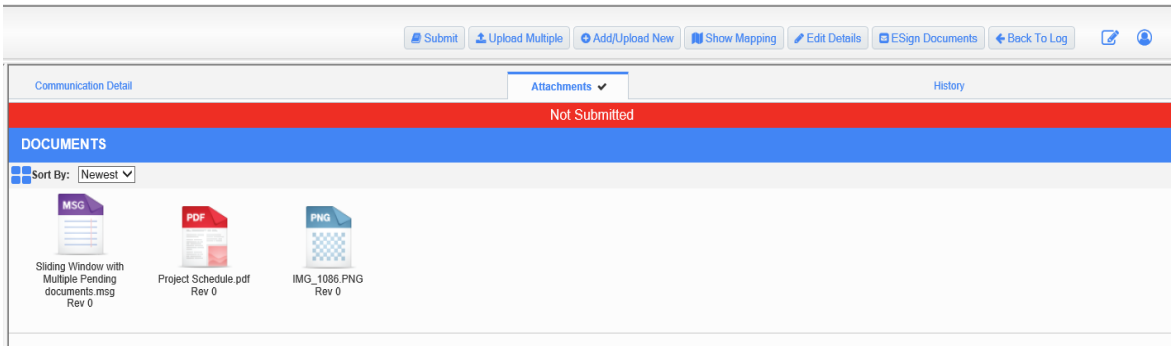
On pressing OK the program will update Submittal Start Date and recalculate all other dates for all submittals that use that Activity Code.

Document Strip (17.44725)

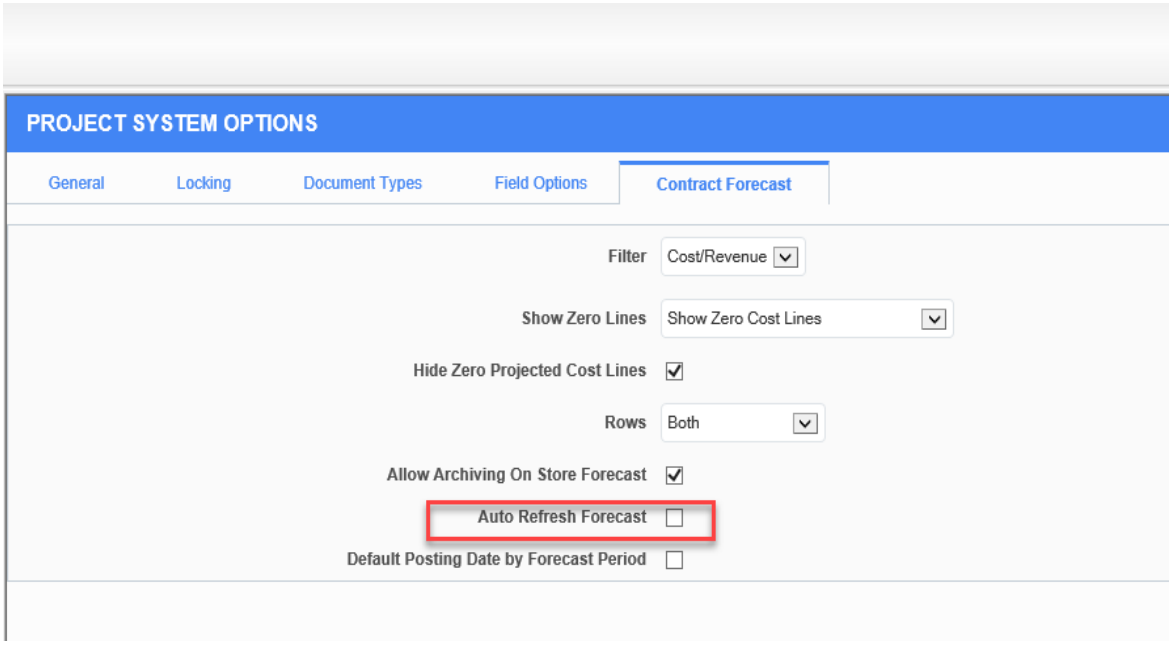
Added the document strip to all PM JSPs where there is an attachments tab.

- Hover on a document opens up a popover with details and action buttons.
- Clicking on a document icon would open and download the document.
- Documents can be added by clicking on 'New Document' or on



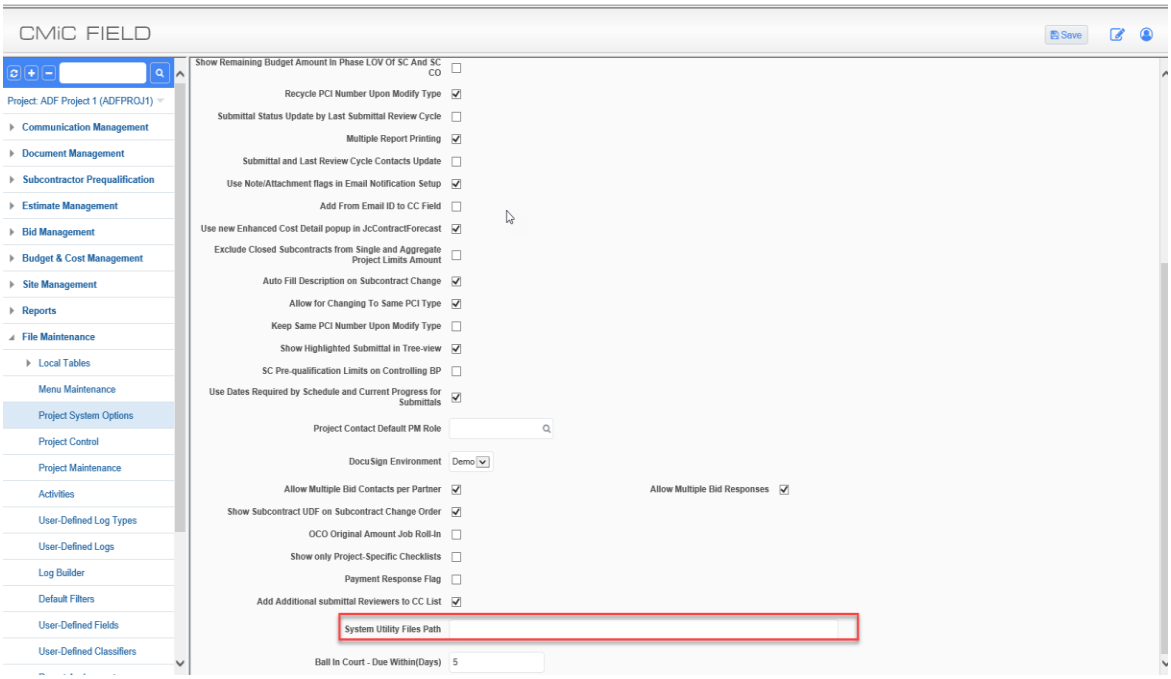


Refresh Contract Forecast – PM Systems Options Flag (17.33189)



Added functionality to refresh forecast if the PM Systems Options – Contract Forecast tab flag '**Auto Refresh Forecast**' is set, and after pressing 'Go' in the forecast, if the Period is unchanged.

Path field in PM Systems Options (16.21156)

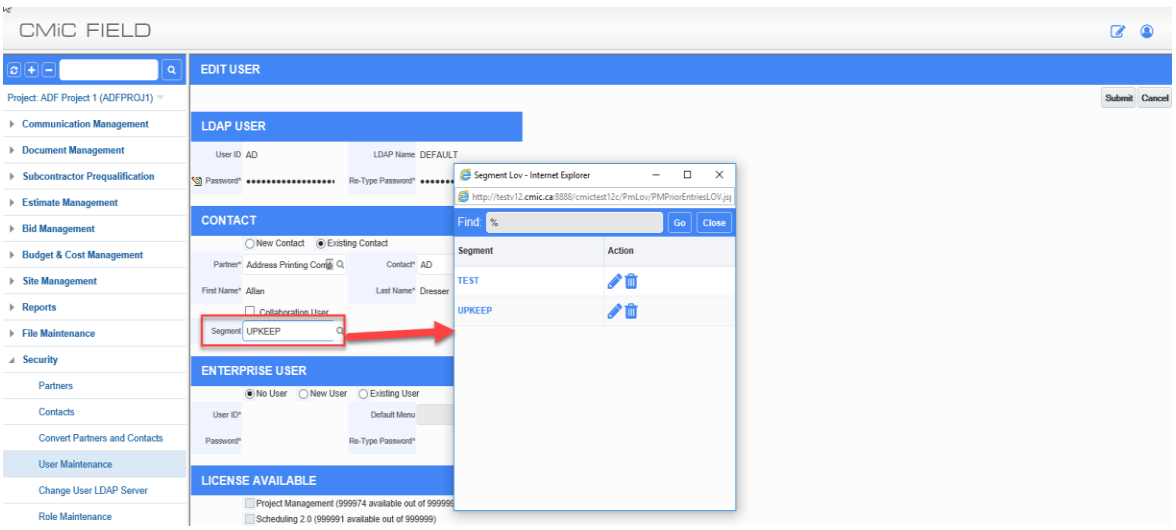


PM Systems Options - Added [Path to "Draft" Image File] input field in General tab.

Field Security for RFI Suggestion Cost/Amount Fields (17.38203)

Provided field security for Cost Impact, Schedule Impact, Cost Amount and Days field (that appear right after suggestion field text area). Also modified existing prompts (on Prompt Maintenance screen) to differentiate field security for both sets (after Suggestion and Answer fields).

User Maintenance – Segment Field (17.34607)



Added SEGMENT LOV to the User Maintenance screen. Freeform values entered in the field are used to update the LOV on saving. There are icons to Edit/ Delete existing LOV entries. It behaves in the same way as the 'Via' LOV in Transmittals.

This field is created as an interface to an external program called WalkMe. The entries made will allow WalkMe to understand who the user is and their role.

Submittals - Enhancements (17.36127)

Enhancements to Submittal Collaboration Process:

a) Made Edit History available for external collaborators -User will be able to Add Reviewer and edit the Status on the submittal history screen.

(b) this is controlled by a PM Role privilege:" **Allow Collaborators to edit Submittal History**".

Submittal Activity Start Date Mandatory (17.39779)

Submittal Activity Start Date can be set as mandatory. The setup flag is in PM Control (Defaults tab) and defaults to Project Maintenance (Defaults tab).

RFI Entry – Update Required Date when Changing Create Date (17.41968)

RFI Entry – made changes to update RFI's Required Date when changing Create Date based on Default RFI Review Period.

Personal Name by Company (15.09662)

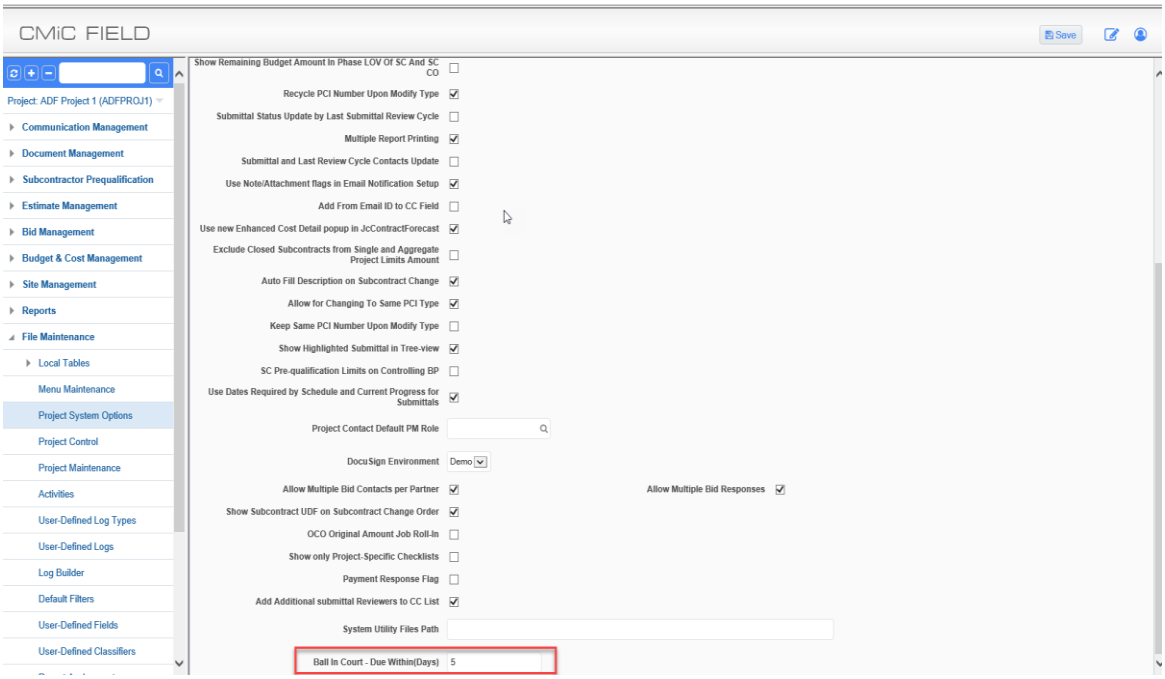
Changes have been made to the CMiC I/O setup to allow Personal Name to be set by Company.

This is done via the Companies tab of the **ADF CMiC I/O Options** screen as shown below.

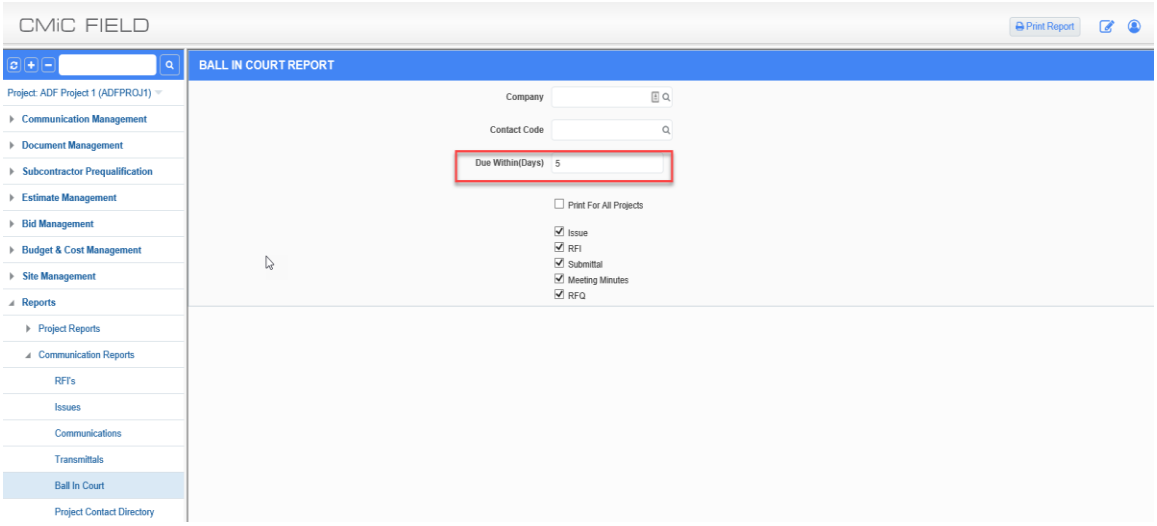
Only one record per company is allowed to be entered in the Companies tab.

When an I/O is sent, the Personal Name for the Company will be taken from the entry set up in the Companies tab. If there is no entry in the tab for the Company then the entry in the Personal Name field in the header will be used instead.

PM Systems Options Setting for Ball in Court (BIC) (17.41356)



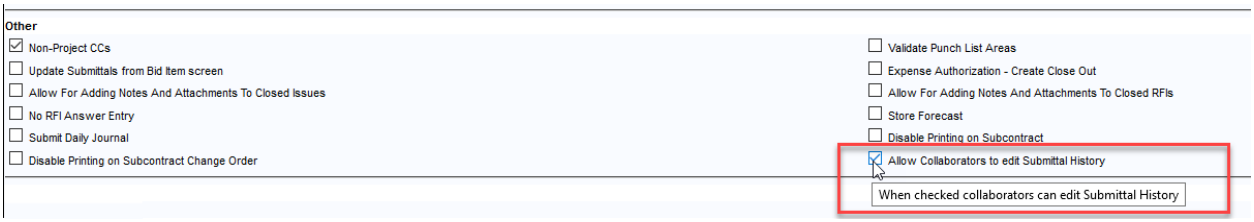
Added a new field to the PM Systems Options screen: Due Within(Days) with a default of 5 days (pre-existing standard). The value will be used to select the records for the Due within x Days section of the BIC report. If no value is entered the report will be run with all the other sections displayed except this section.



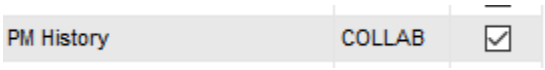
Submittal Changes for Collaborators (17.45726)

The following changes have been made for Submittals:

1. Changes to make the Submittal Edit History screen available for collaborators by using a Project Role privilege to control access: "**Allow Collaborators to edit Submittal History**"



The Collaborator will also need to be given security access to the **PM History program**:

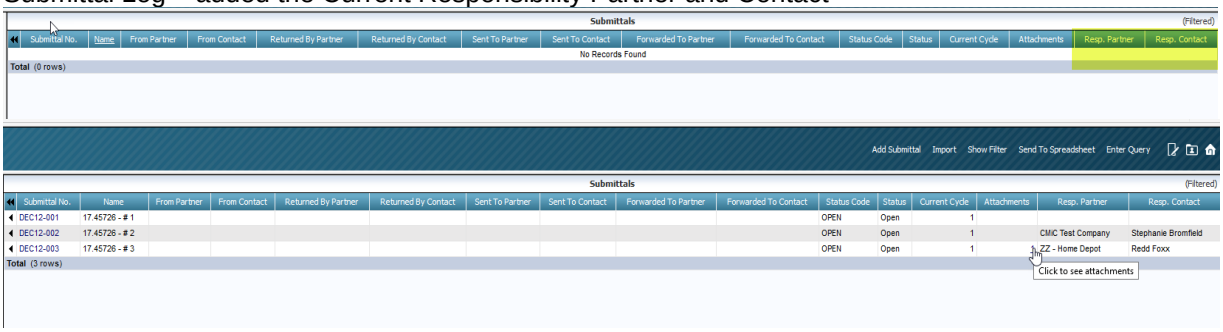


2. Added the **[Complete Review]** button to the Collaborator Submittal screen. This new button is available for collaborators and will mark their "Action" completed and the current Responsibility will move on to the next reviewer in the list.
   When the collaborator selects the [Complete Review] button it will auto populate the Action Date in the submittal history. Then the Current Responsibility will move to the next user in the submittal history.
   So, Additional Reviewer lines default the FROM Contact from the previous action to be the TO contact in the current action.

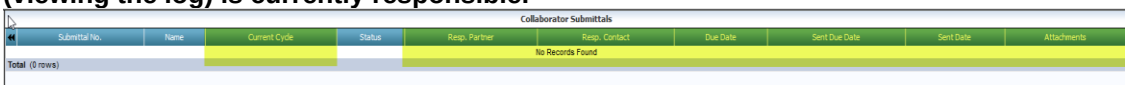
   The [Submit] and [Complete Review] buttons are only available to the Responsible collaborator user.

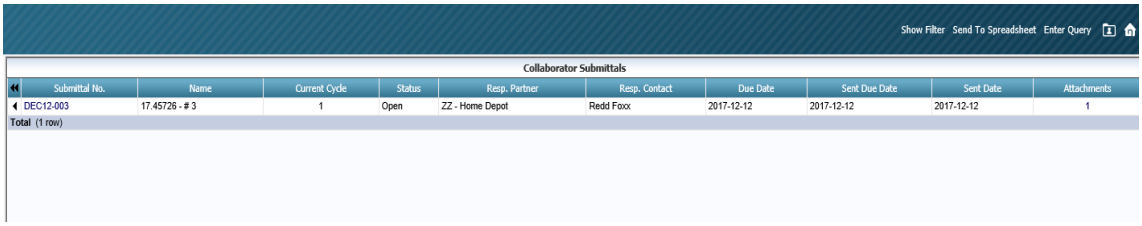
3. Submittal Edit History screen has been modified to
   a. not allow collaborators to edit Due Dates of any row
   b. if a collaborator adds an additional reviewer they need to be able to set the Due Date, FROM and TO fields

4. Submittal Log – added the Current Responsibility Partner and Contact

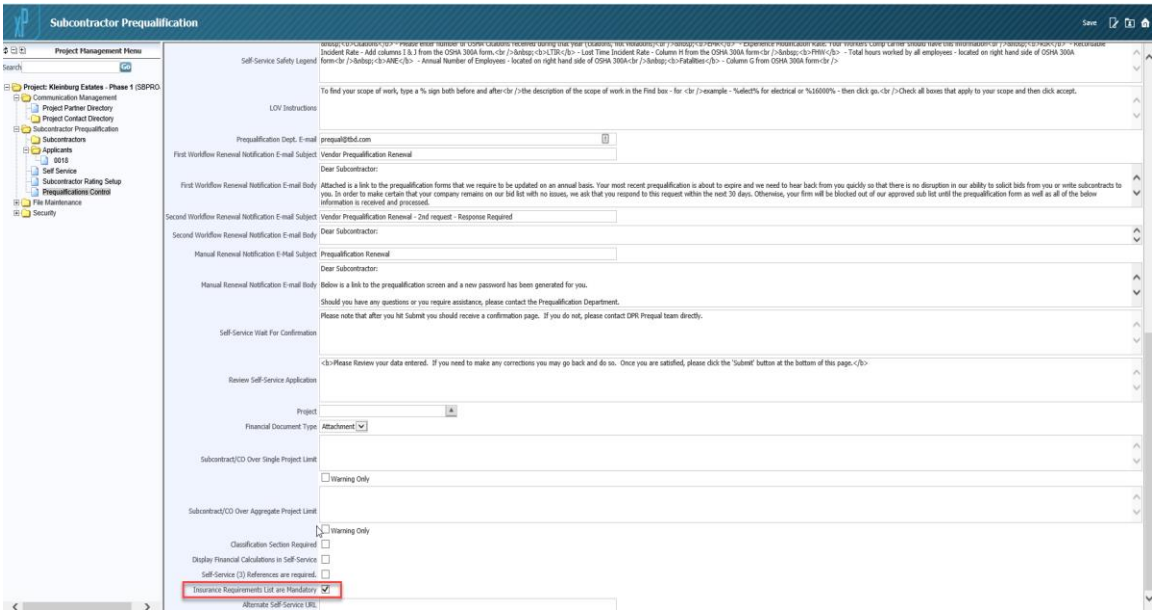


5. Collaborator Submittal Log now includes
   a. current review cycle
   b. attachments (with drill down link)
   c. Responsibility Partner and Contact
   d. Sent Date, Sent Due Date
   e. removal of the hardcoded WHERE clause **that only shows submittals where the user (viewing the log) is currently responsible.**





Subcontractor Prequalification Control File Flag for Insurance Section (17.37428)

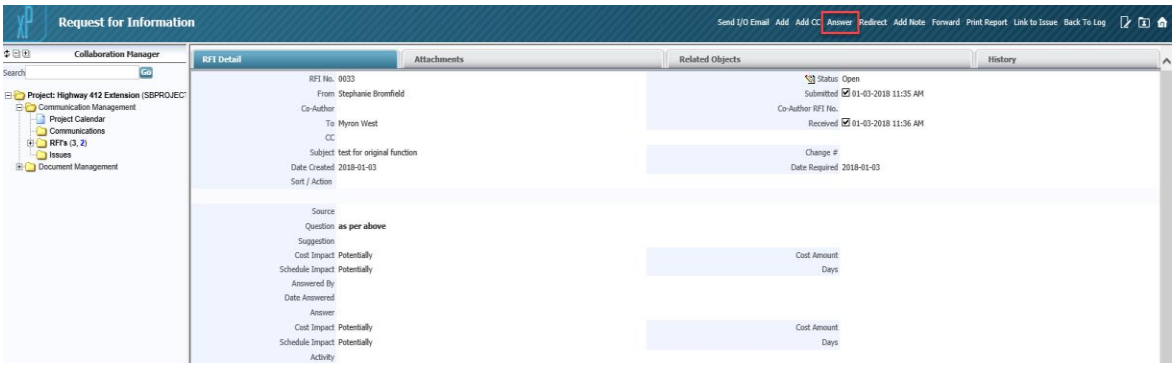


Subcontractor Prequalification - Control file flag to display or do not display the Insurance Section.

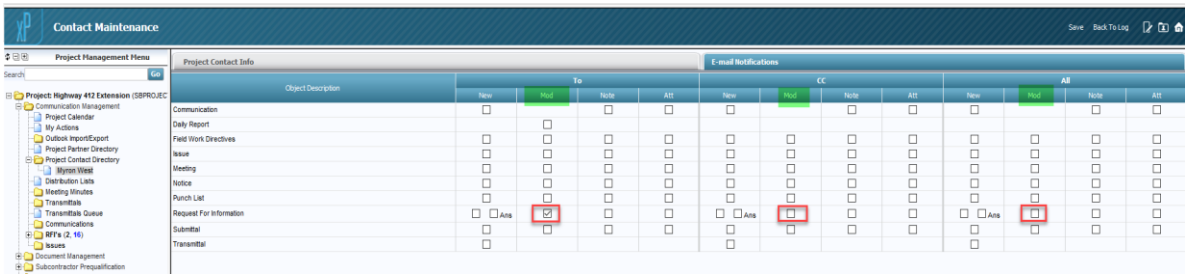
Answer RFI PM Role Privilege; Suggestion Notification Email (17.34341)

PM Project Role privilege: Allow to answer an RFI is added to allow the user with the privilege checked to Answer an RFI.

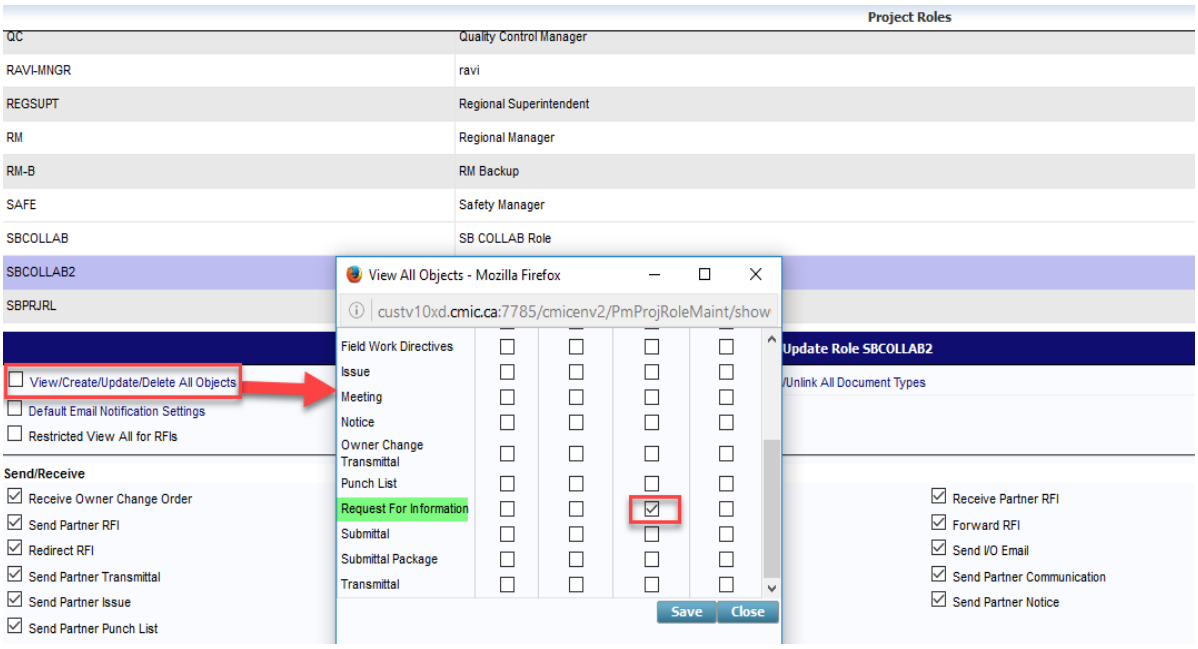
When this privilege is checked for the user's PM role, the [Answer] button on the RFI screen will be available to answer the RFI:



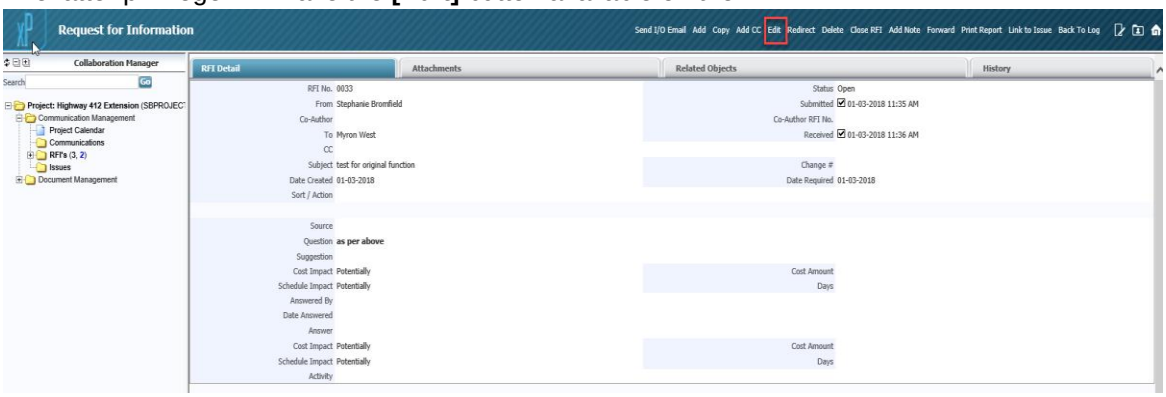
2. Changes have been made so that an email notification message is sent if the **RFI Suggestion** field is modified and the contact's Email Preferences is set up to receive alerts for RFI modifications (whether as TO, CC or ALL):



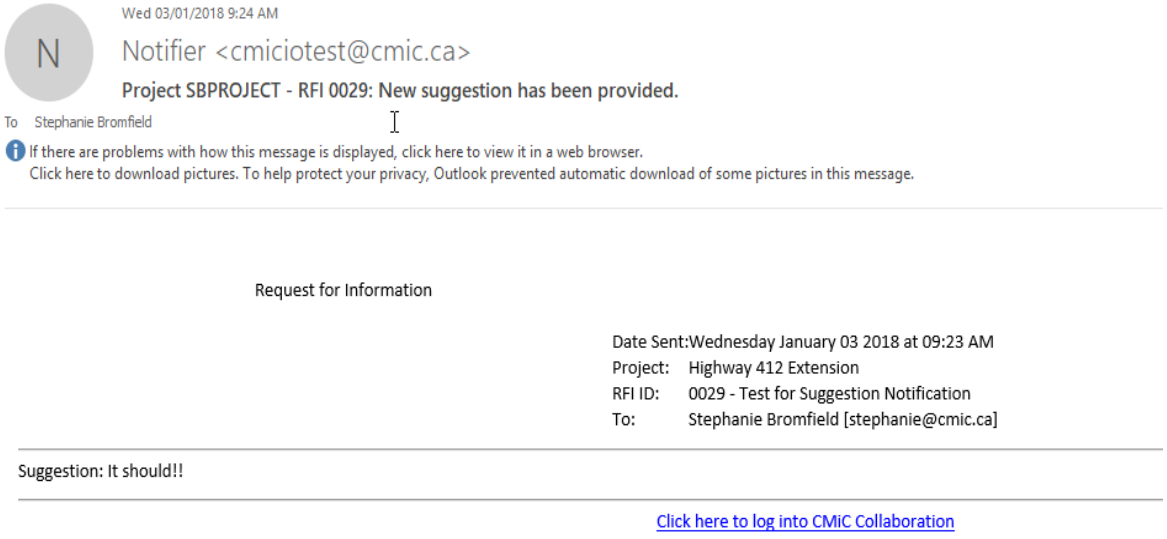
To modify the RFI (for updating the Suggestion field), a collaborator will need to have the **UpdateAll** privilege on his PM Role.



The latter privilege will make the **[Edit]** button available on the RFI:



Below is a sample of the RFI Suggestion email notification the contact would receive:



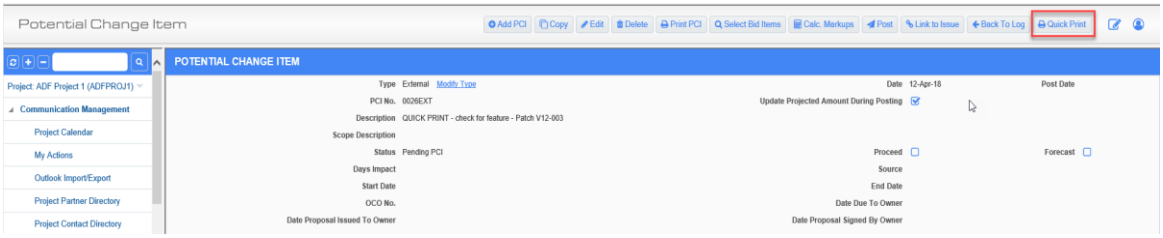
Document Strip (17.44725)

CORRECTION to V12-002 – Not all PM objects with Attachments tab are affected.

Currently the document strip is only available in the following objects:

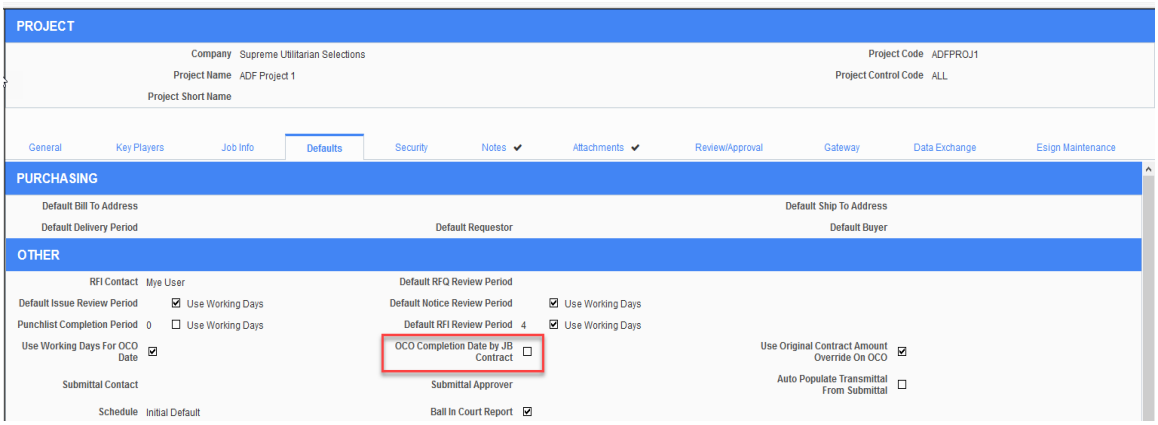
Communications, RFIs, Issues, Submittals, Daily Journals, Field Work Directives and Notices.

PCI Entry has Quick Print Feature (18.50584)



The PCI Entry screen now has the [Quick Print] button. This allows the user to quickly print a preset report for the current record.

JB Contract Date Considered for OCO Completion Date (17.45031)



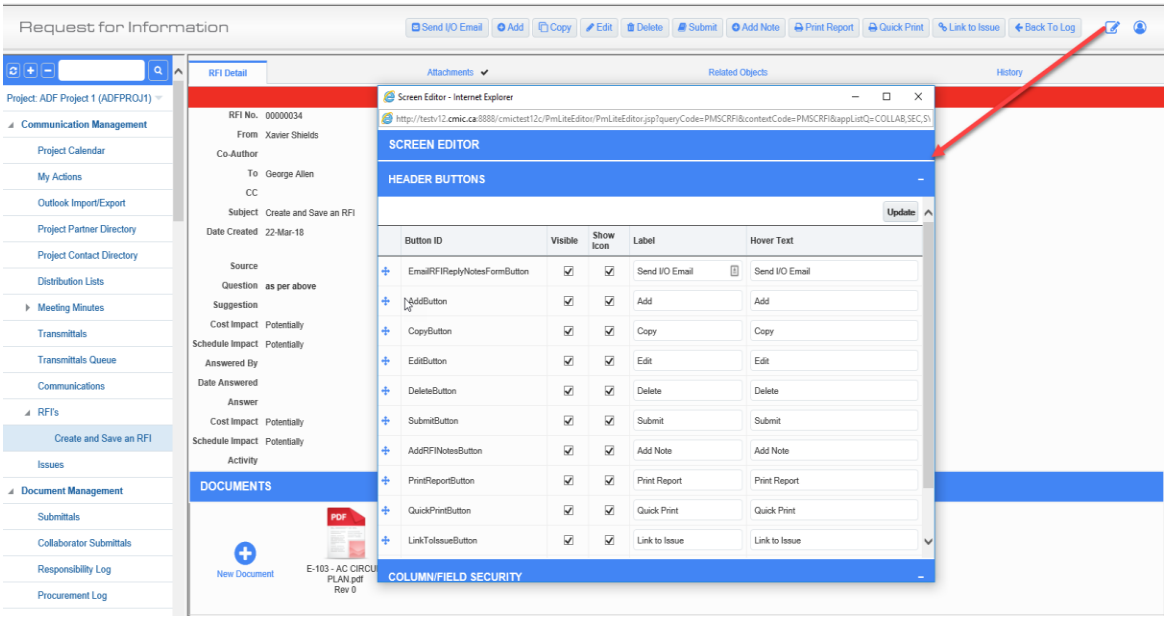
CMiC has modified Owner Change Order to consider the JB Contract Date if the JB Contract has been entered on the OCO header.

A flag: **[OCO Completion date by JB contract]** has been added to the Project Maintenance - Defaults screen to be used in the determination of OCO Completion Date.

By default, the new flag is HIDDEN with default value `N'.

If the new flag is checked - OCO Completion Date will be calculated based on JB Contract Date instead of the Project Date in Project Maintenance.

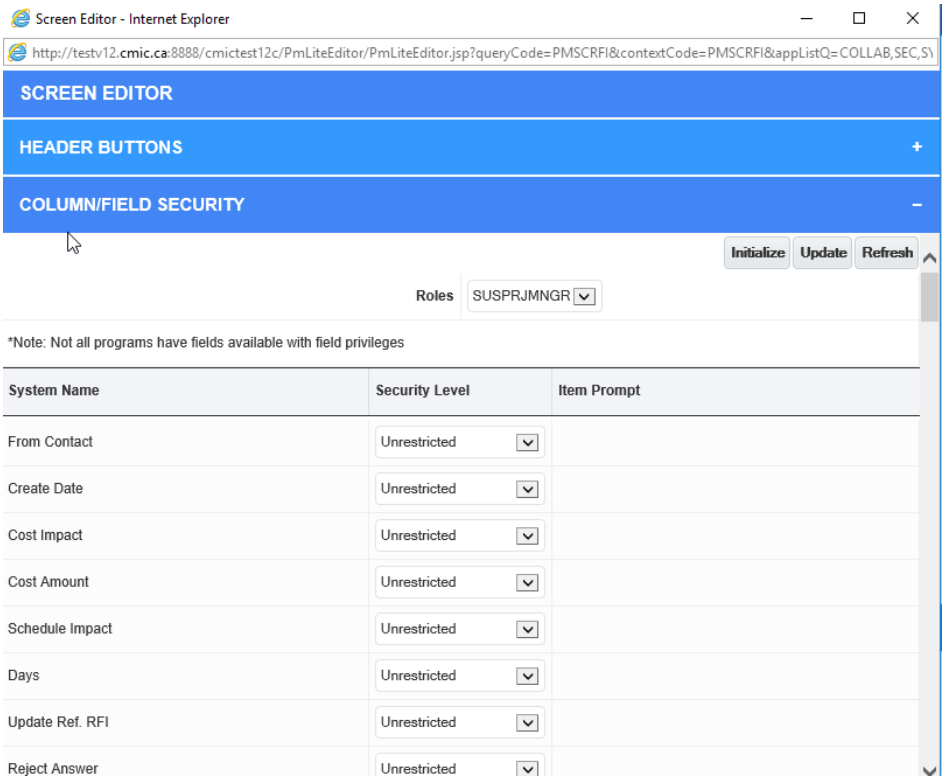
Lite Editor – Header Buttons Configurable for PM Screens (17.36323)



Changes have been made to allow the configuration of buttons in the Header Section of some PM JSP screens, by using the Lite Editor.

The Lite Editor now consists of two sections: Header Buttons and Column/Field Security. The latter section already existed in the Lite Editor screen.

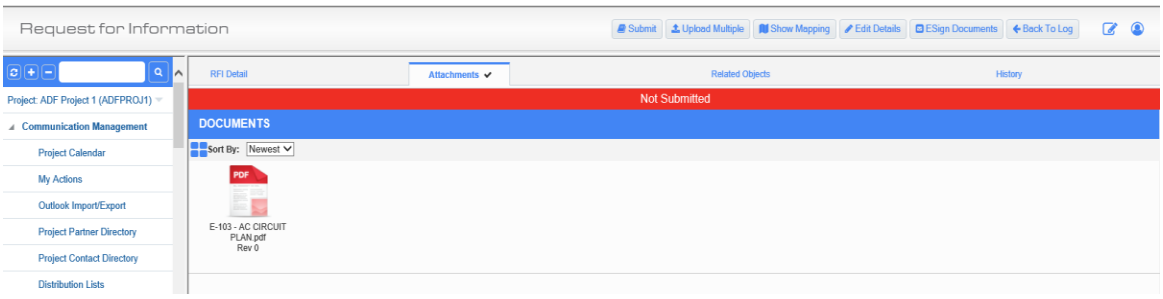
Each section can be expanded (use '+') and collapsed (use '-') in order to see the details of each.



These are some of the features:

- Buttons can be ordered using drag and drop.
- Button label is configurable.
- Button hover text is configurable.
- User can hide a button for himself.
- Button can be configurated to show text only but not icon.

Removed Add/Upload New Button from Attachments tab (17.44725)



CMiC has removed the ['Add/Upload New] button from the Attachments tab of PM objects. The reason behind this change is that the functionality is already provided through the [Upload Multiple] feature.

PCI Notes Mandatory if Reason field is Populated (17.43868)

This functionality is controlled by the PM Systems Option – General tab flag: "**PCI Reason Note Required**".

Modifications have been made to the PCI Entry screen such that if this PM Systems Option flag is checked then

a) the REASON field becomes Read-only when creating a PCI

b) if a user populates the REASON field in a PCI for the first time, the program validates if a note with the specific Subject: "Lessons Learned" exists.

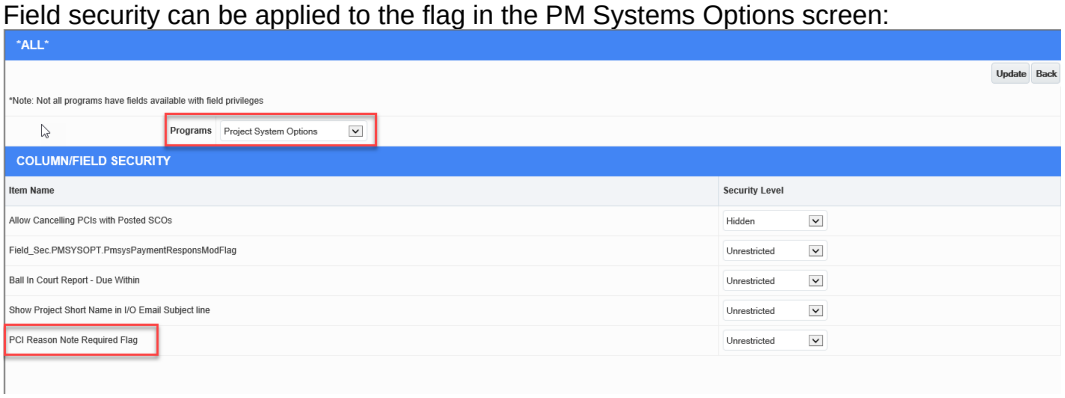
If not, the program requires that such a note to be added.

- 2. The subject string can be changed via Prompt Maintenance, key = 'pci.ReasonNoteSubject'.
- 3. For ease of use, CMIC has provided a [Reason Note] button next to the Reason field every time the Reason is updated.

  On the button click, a new pop-up window opens to add/update the Reason Note.

  Note: Subject field is read-only and pre-populated with "Lessons Learned" (or whatever is set for pci.ReasonNoteSubject key) string.
- 4. On Reason update, the program prompts the user to update the Reason Note without a hard stop.
- 5. Every time a Reason is wiped out, the program will remove this note without warning.

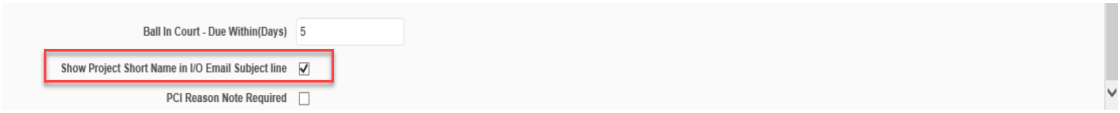
Field security can be applied to the flag in the PM Systems Options screen:



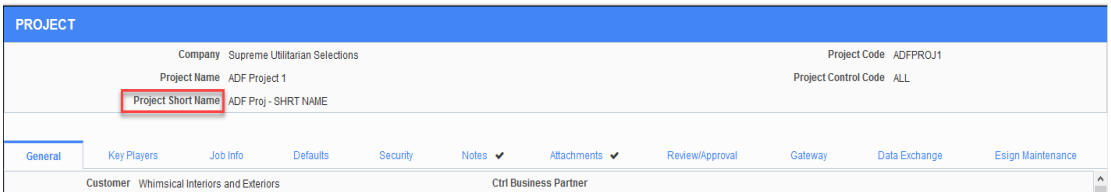
I/O with Project Short Name (17.43202)

The following modifications were made in PM JSP for I/O:

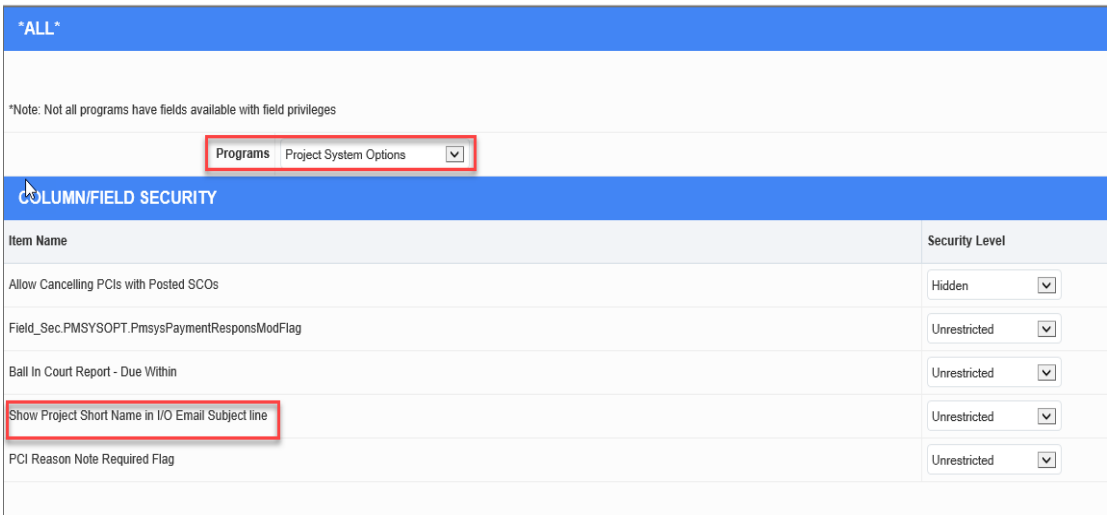
1. PM Systems Option - Added a new flag named '**Show Project Short Name in I/O Email Subject Line**' in the General tab



2. Project Maintenance - Added a new field named '**Project Short Name**' in the header

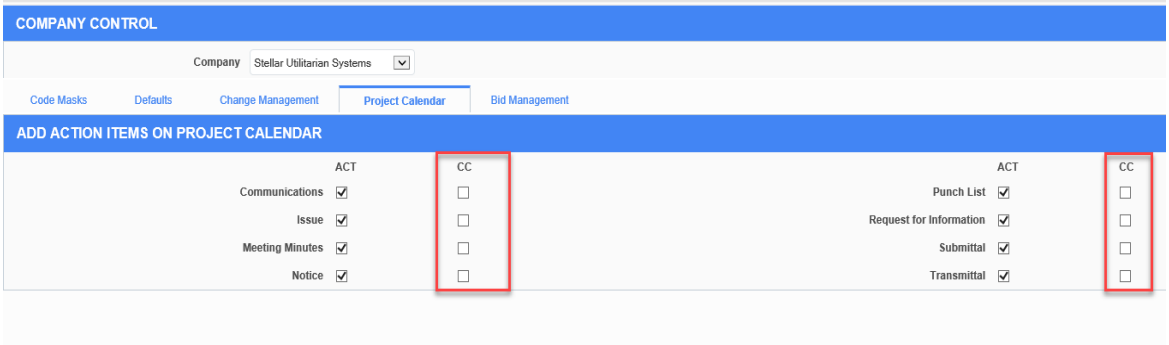


3. Field security can be applied to the flag:



When sending I/O Email, the program will check if this field is populated. If yes, Project Short Name text will be added to the start of the Subject line.

Action Items for CCs on PM Objects (17.40163)



Modified the mechanism of showing contacts on project calendar/action items for those who are not primary responsible contacts to include those who are CCd as well.

This is achieved through a checkbox against each PM object in the PM JSP Company Control - Project Calendar tab.
The changes apply to RFIs, Communications, Notices, Submittals, Transmittals and Issues.

For example, when RFI is checked for both 'ACT' (action item) and 'CC' in the Project Calendar tab, an action item will be created for the RFI Responsible Contact as well as any CCs on the RFI. The CC contacts will see the object (view access only) in their My Actions page and Project Calendar when they log into the system

This does not affect the Ball in Court Report.

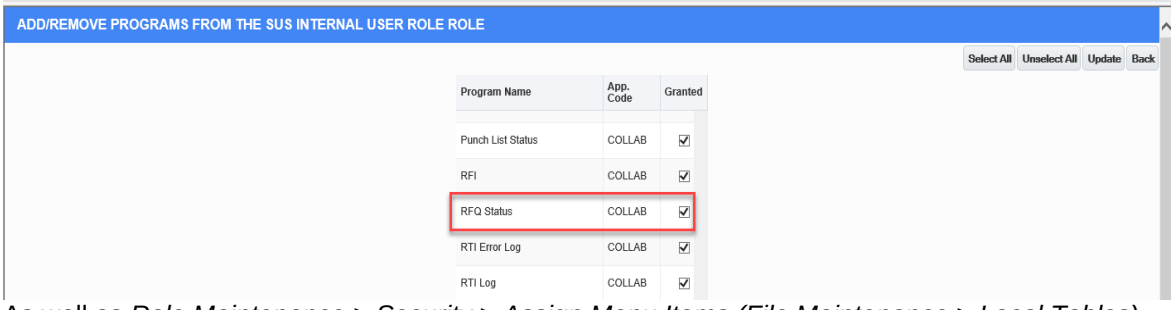
PCI RFQ Status in PCI RFQ Tab (17.40032)

The following enhancements have been made to the system in relation to PCI:
a) addition of an RFQ Status Maintenance program
b) addition of RFQ Status to the PCI RFQ tab

a) RFQ Status Maintenance

Created a new File Maintenance -> Local Tables -> RFQ status screen. This screen is used to maintain RFQ Statuses.

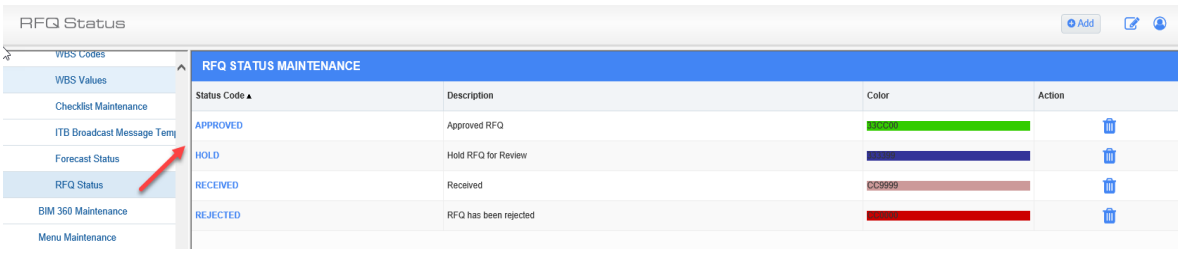
To set the Security for the new screen use *Role Maintenance > Security > Assign Programs*:



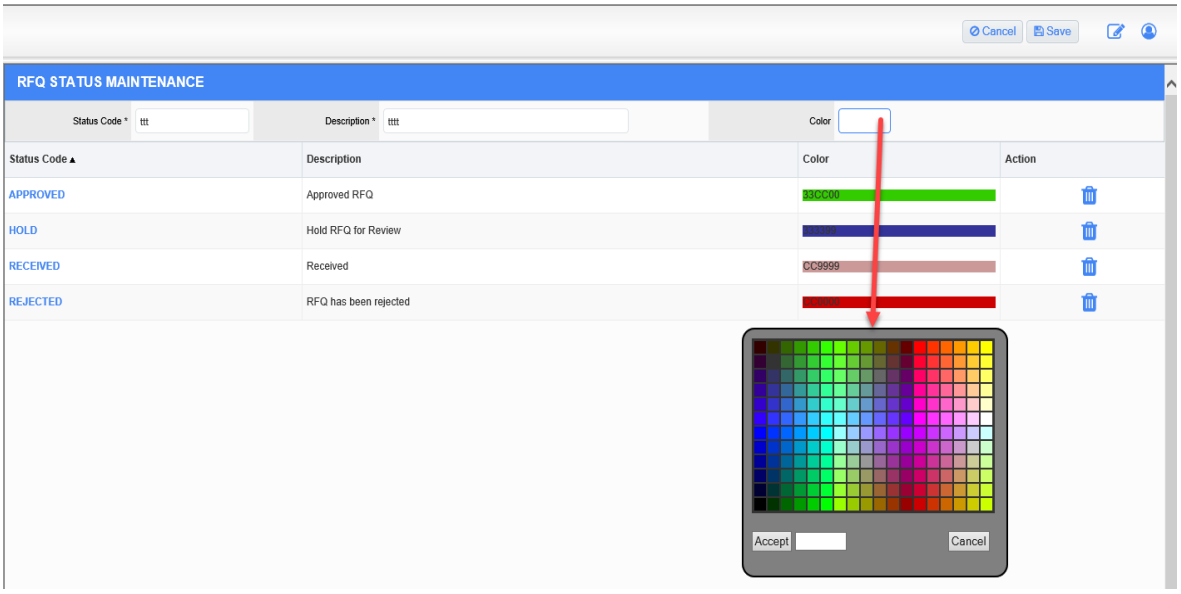
As well as *Role Maintenance > Security > Assign Menu Items (File Maintenance > Local Tables)*

It will be displayed in the PM JSP tree-view once the security is in place. If you have a custom tree-view you may need to modify it to include this new program.

Use the RFQ Status Code Maintenance screen to add, edit or delete records.

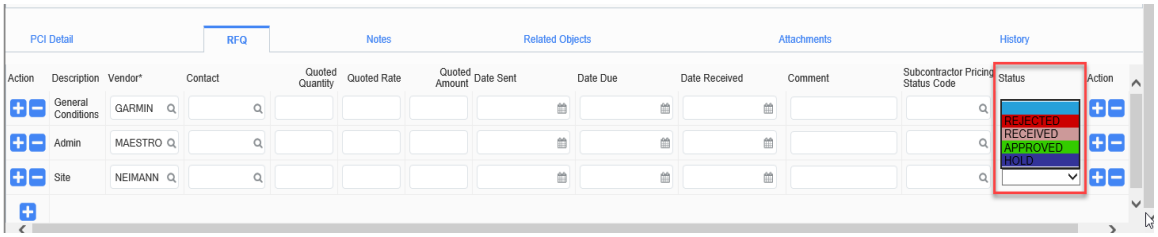


The color is selected from a color palette when the mouse-pointer is clicked in the field:



b) Using the RFQ Status in the PCI RFQ tab

The RFQ Statuses are available in the PCI RFQ Status field once they are set up:



Validations exist for the following statuses, if they are defined:

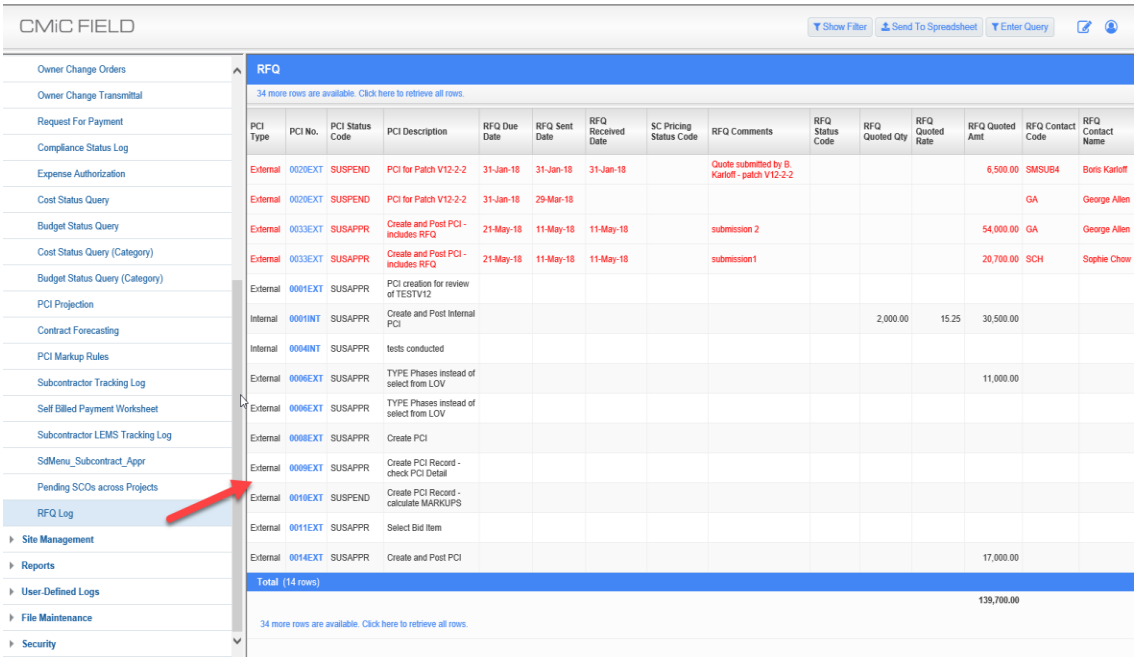
RECEIVED - Received
INREVIEW – In Review
ACCEPTED - Accepted
RETURNED - Returned

i) If a Date Received is entered the status is automatically changed RECEIVED.

ii) If status is RECEIVED, IN REVIEW or ACCEPTED, Date Received becomes mandatory.

iii) If status is changed to RETURNED, the Date Received and Quoted Amount are wiped out, but this is logged in the History tab

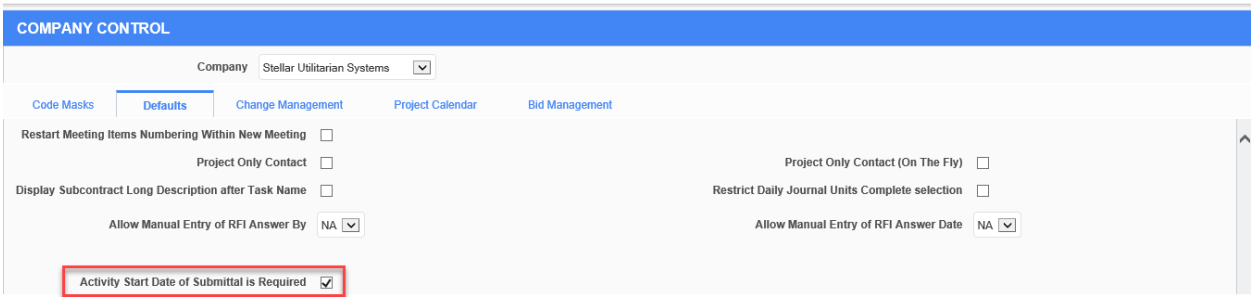
RFQ Log (17.40032)



Added a system RFQ Log with fields from the PCI header (PCI number, PCI Type, Date, PCI Status) and all columns from RFQ tab including the new RFQ Status. If RFQ is past due, the Due Date field turns red.

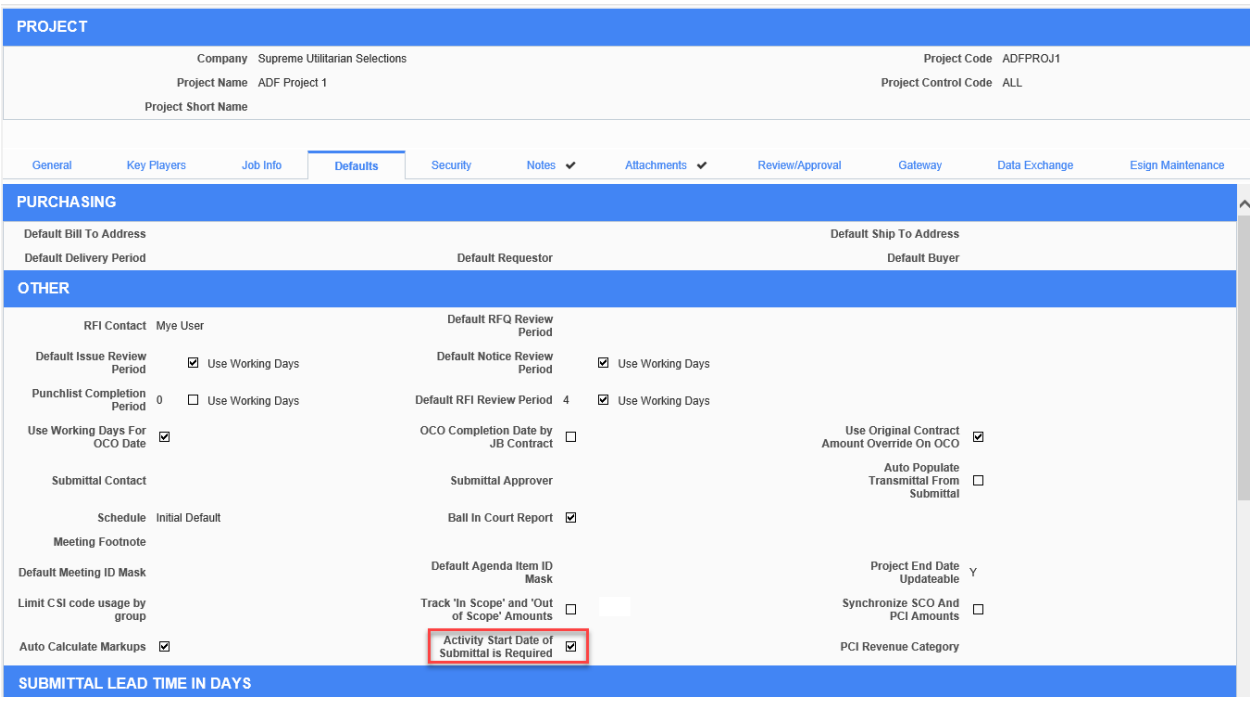
Submittal Activity Start Date Mandatory (17.39779)

Submittal Activity Start Date can be set as mandatory. The initial setting is made in the PM Company Control (Defaults tab):

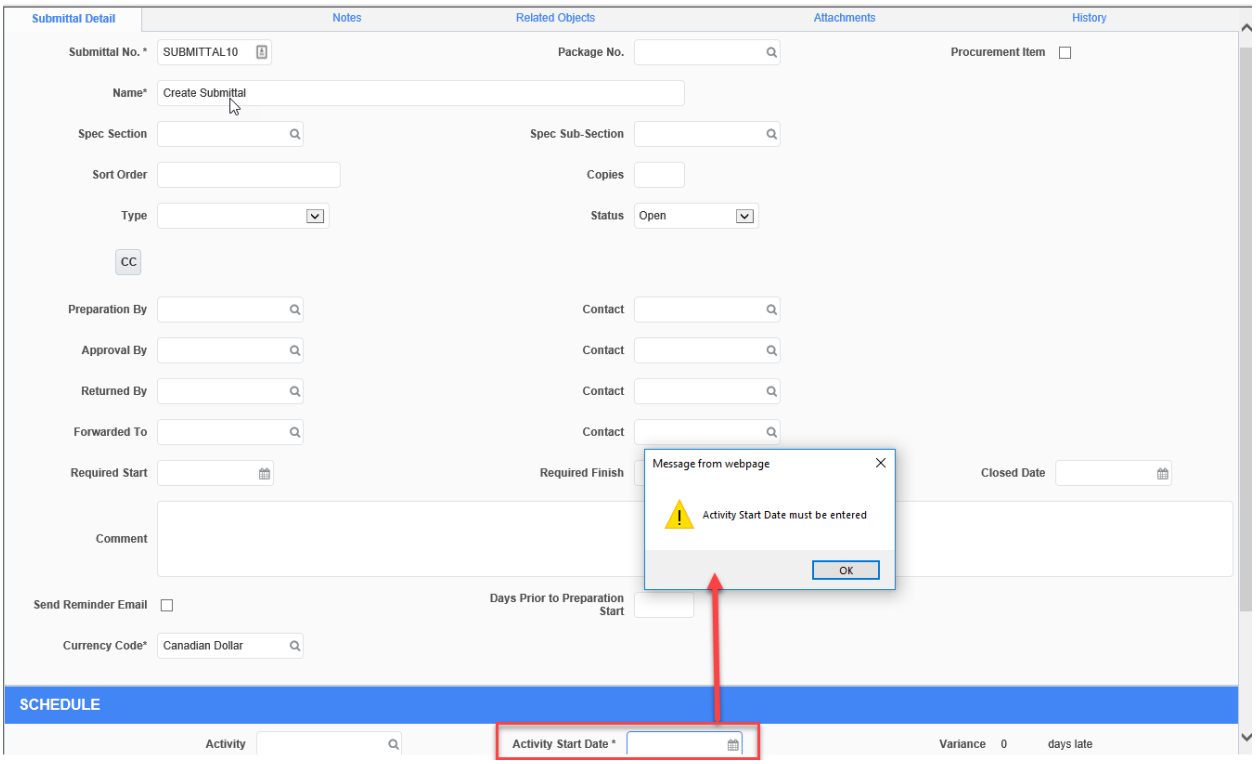


This setting will then default to the Project Maintenance (Defaults tab) of any newly created projects and can be overridden.

Project Maintenance:

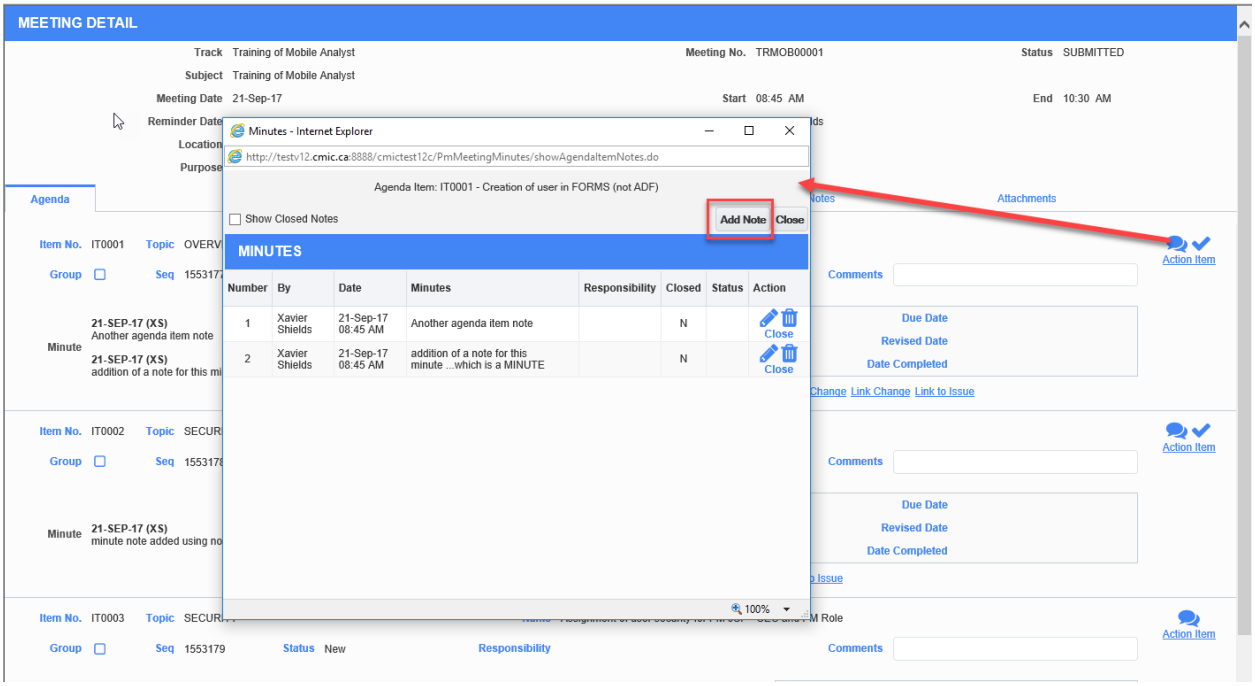


When the flag is checked for the current project, any submittals being created or existing ones that are edited will require that the Activity Start Date be entered (if it is null):

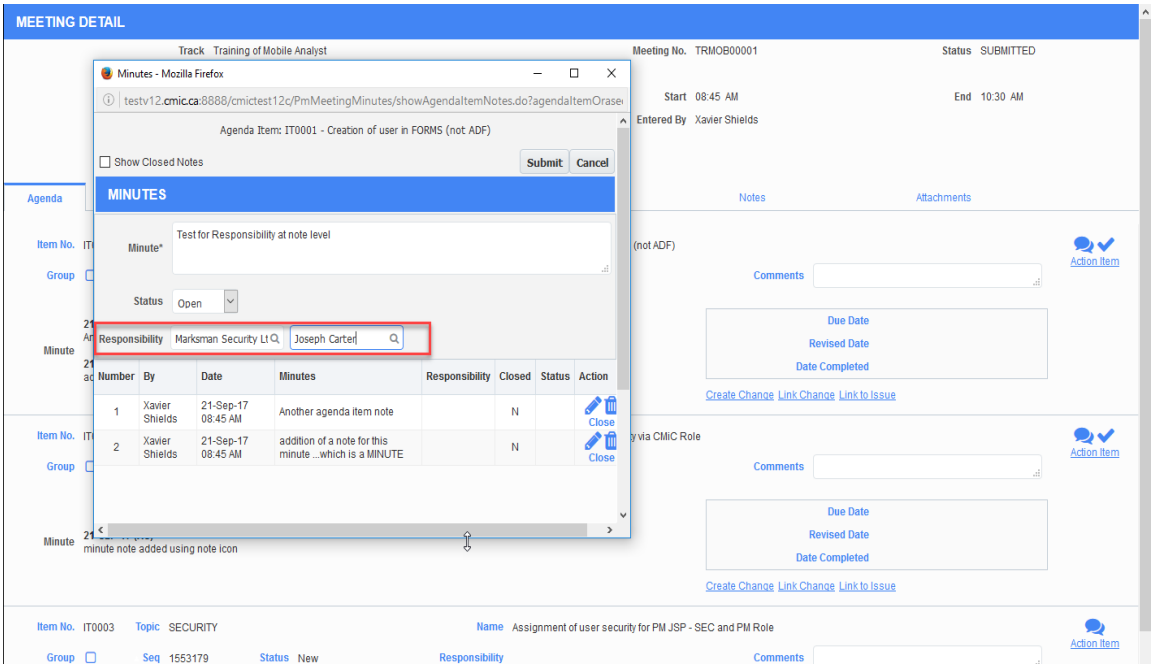


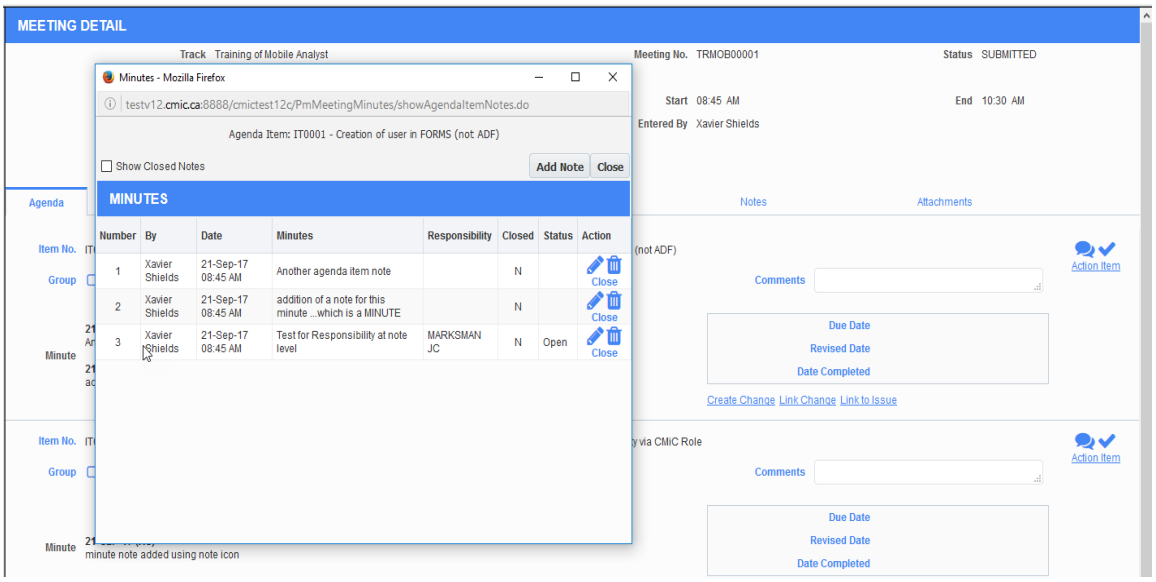
Responsibility for Agenda Item Note (17.37520)

Enhancements have been made to Meeting Minutes to enable users to add Responsibility to agenda item notes.



When the user clicks on the [Add Note] button in the Minutes popup window, it allows the user to add the Responsibility Partner and Contact to the note:





Field Security for Close RFI (17.34341)

Modifications have been made to allow field security to be applied to the [Close RFI] button.

Submittals Displayed Bolded if Note Added (17.28883)

Submittals - Modifications have been applied to show submittals as bolded (on tree-view menu) when a new note is added. It is based on email notification setup from project contact directory screen.

Removed Bid Items Link from Phase for Cost Status Query Etc. (16.19617)

Contract Forecast and Cost Status Queries – a modification to the reference linking these queries and Contract Forecasting to Bid Items popup has been made to only link to the CATEGORY column for:

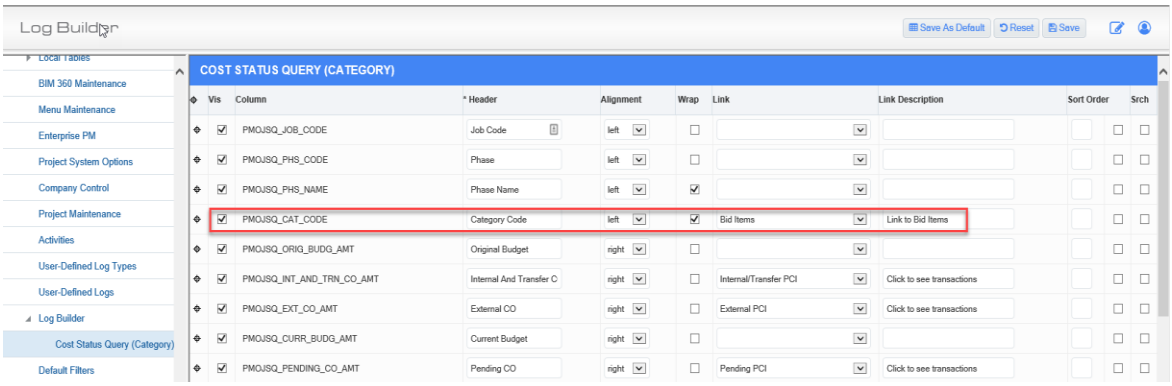
1. Cost Status Query (Category)
2. Budget Status Query (Category)
3. Contract Forecasting

To achieve this, the following change has been made in Log Builder for these programs.

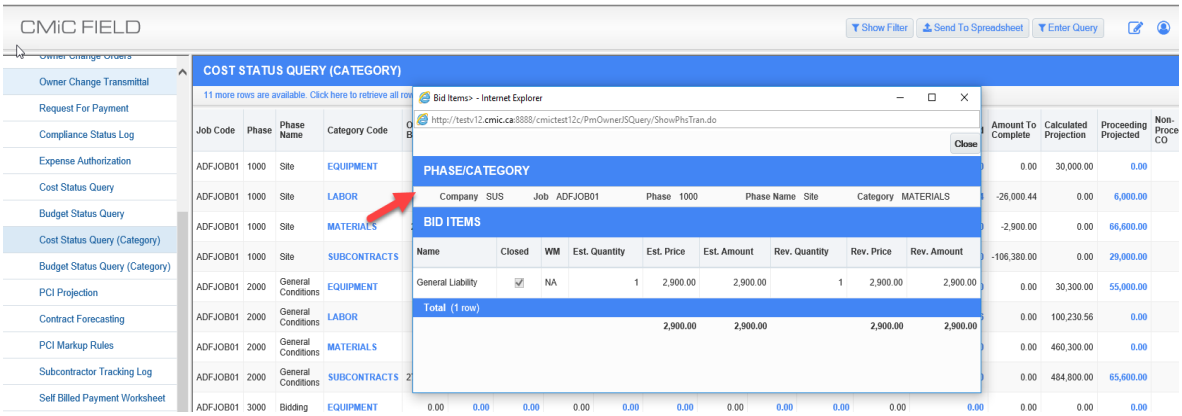
In the Log Builder:

CMiC is now using the link option 'Bid Items' with the Category column:

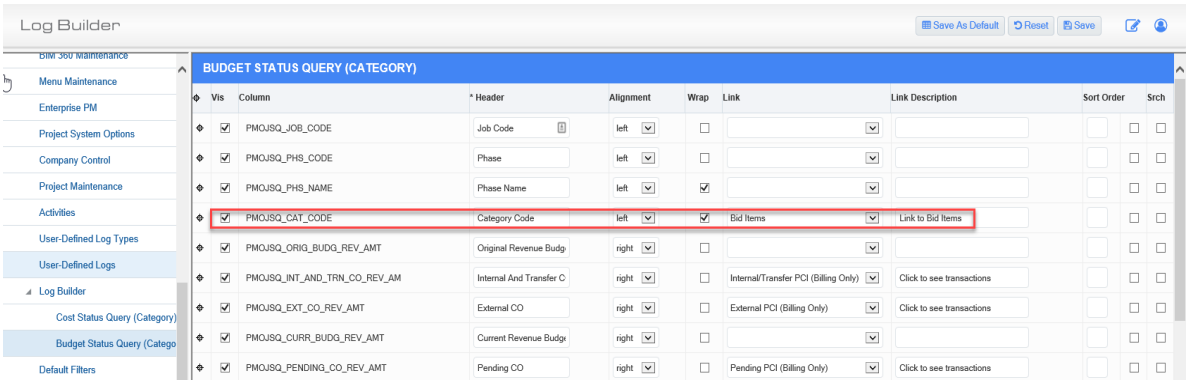
For Cost Status Query (Category):



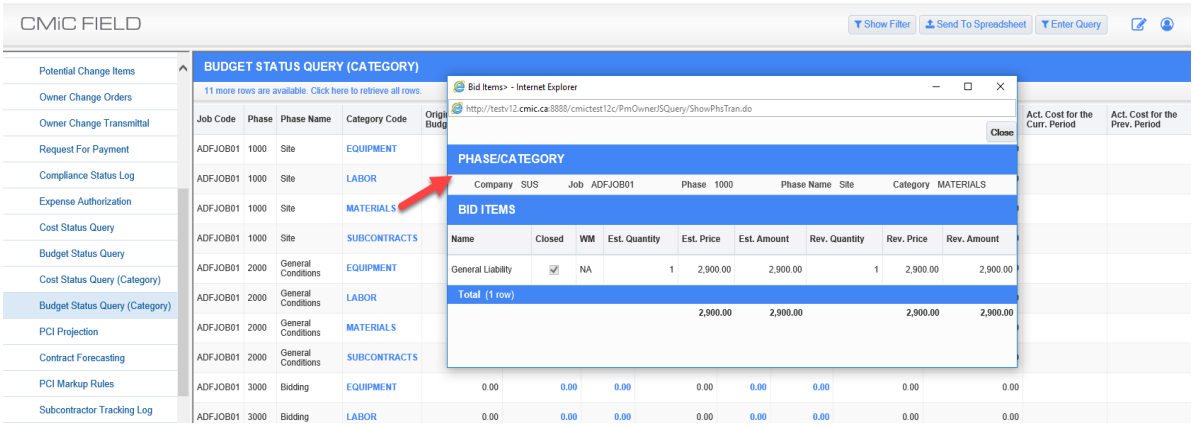
To give:



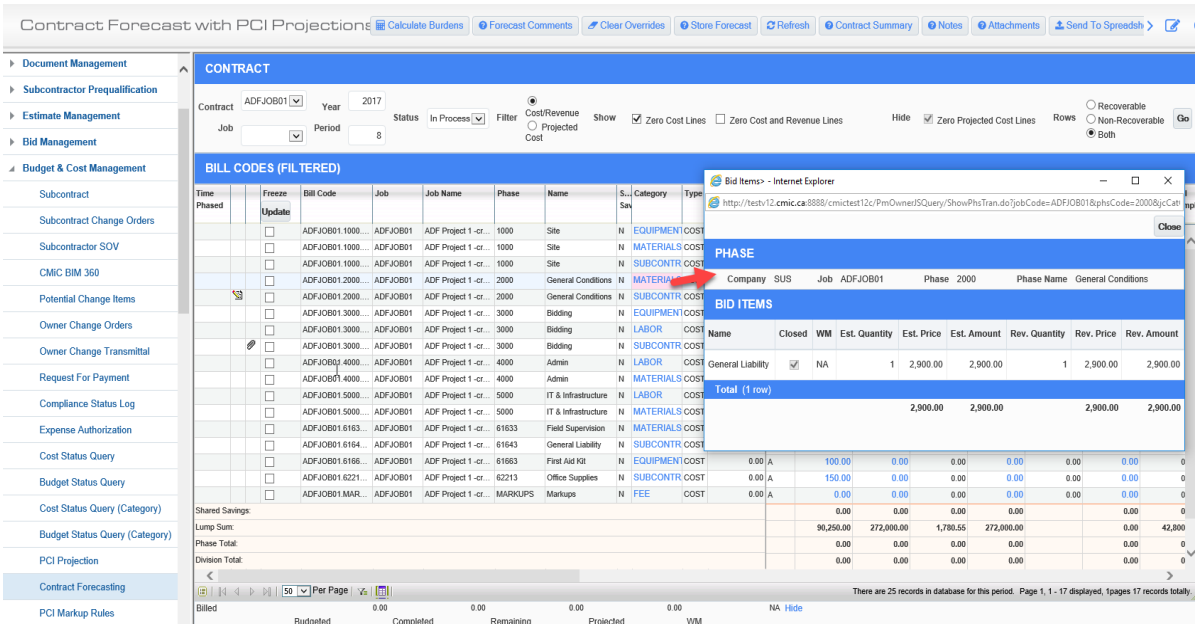
For Budget Status Query (Category):



To give:



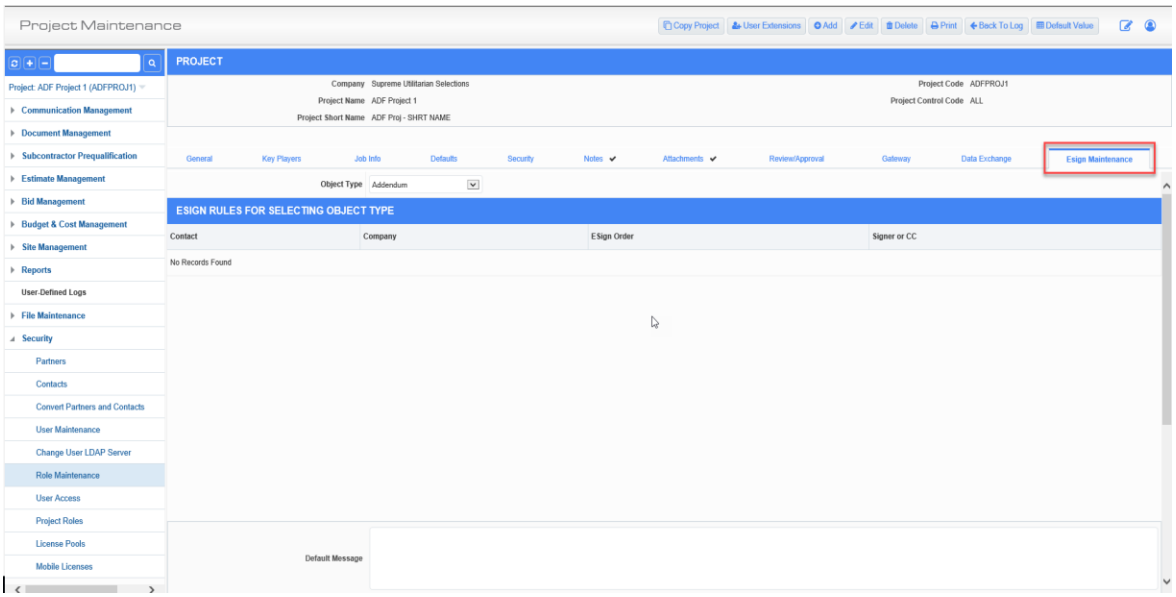
For the **Contract Forecast** there is no set up in the Log Builder, the link is directly in the program:



Docusign (Esign) Maintenance screen (15.12875)

CMiC has made changes that allow users to set default signers and CCs for DocuSign by project and PM object type.

This screen provides a maintenance area to go so users can define signers up front on each project and not have to select the same person(s) each time they send a specific document type. The screen is available from the Esign Maintenance tab in the Project Maintenance screen:



Field security can be applied to the Esign Maintenance tab if necessary.

Modifications have been made to the Esign popup to retrieve default signers and CCs from the Project Maintenance tab first, then from the Key Players tab (existing functionality).

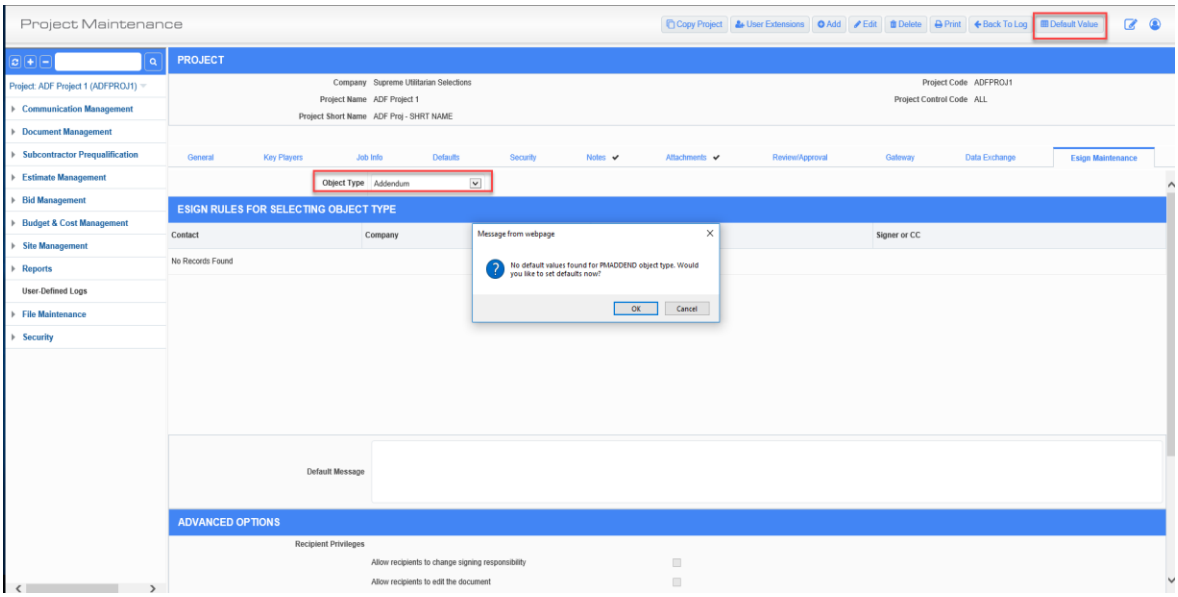
NOTES:

a) If there is no record is defined for a specific PM object, any documents sent from that PM object will use the default setup in the key players Esign order column.

b) Regarding default message/advanced options: the system supports system-level default value settings for each PM object type. If in the specified project there is no default message/advance options setup for a specific PM object type, the system will load the system-level default value settings and show them in the project maintenance screen for the project. The values can be changed to be specific for a project per PM object.

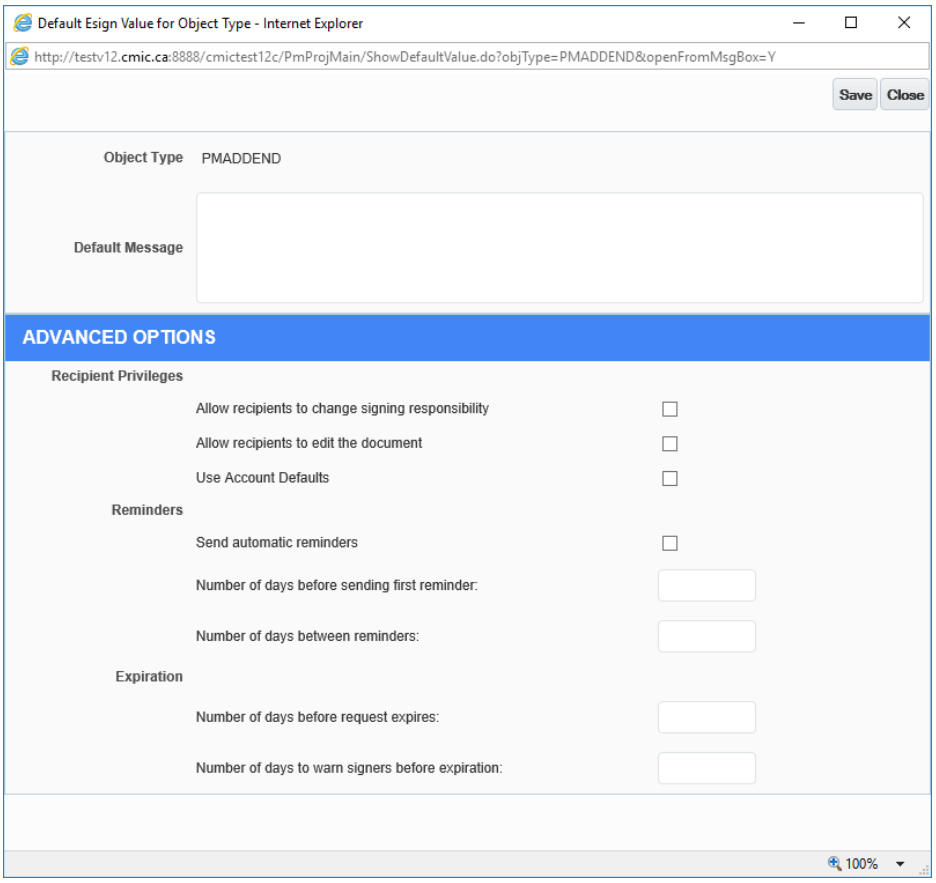
c) The subcontract functionality of defaulting the subcontract contact as the first signer will remain but will not be implemented for other PM objects.

When the user enters the Esign Maintenance tab for the first time, a message box will be displayed asking if the user is ready to set up defaults. This is for system-level defaults.

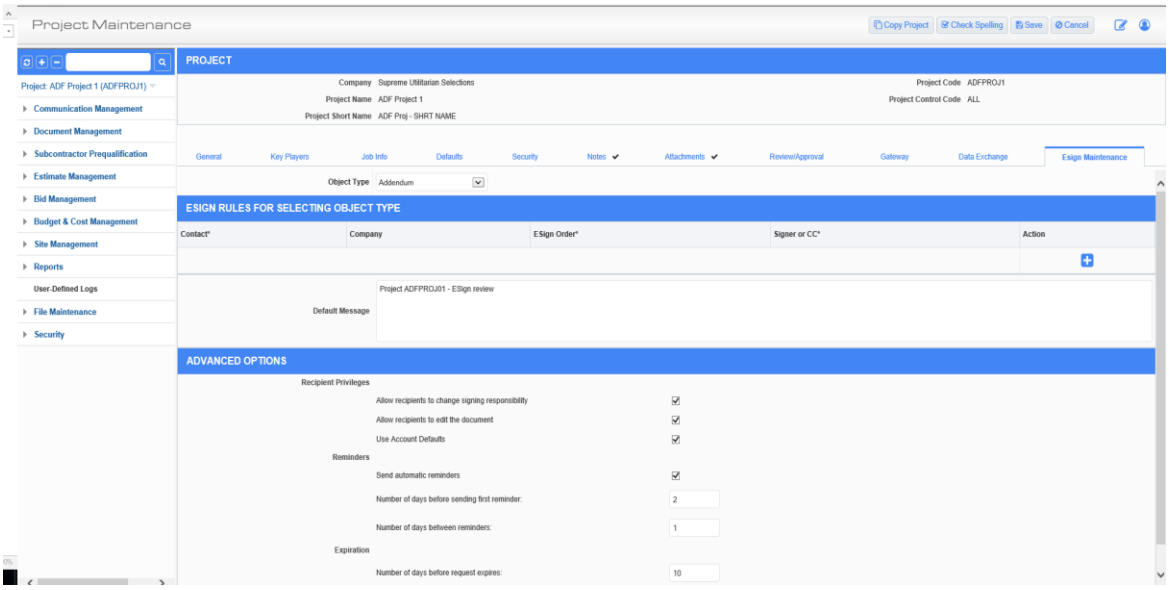


If the user responds with [Cancel] the system-level defaults for Message and Advanced Options can be set up later. In edit mode of the current project, project-level Esign settings can be made for each PM Object Type that is selected.

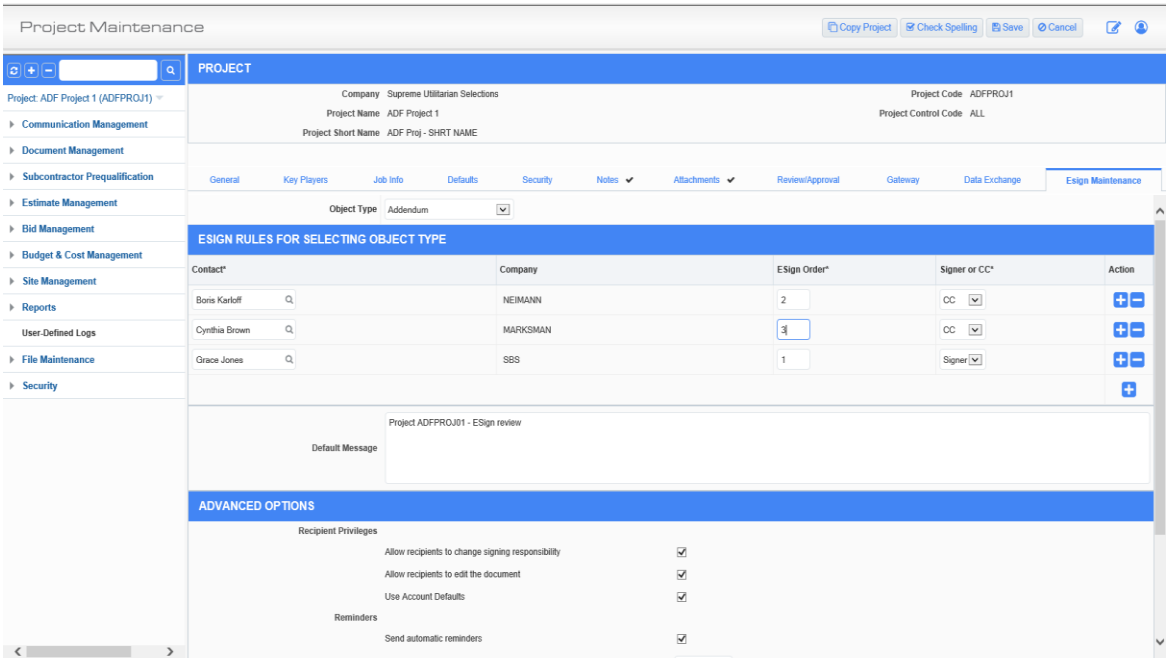
The [**Default Value**] button at the top of the screen allows the setting up of **system-level** defaults per object type that is selected in the header. The following window will be displayed:



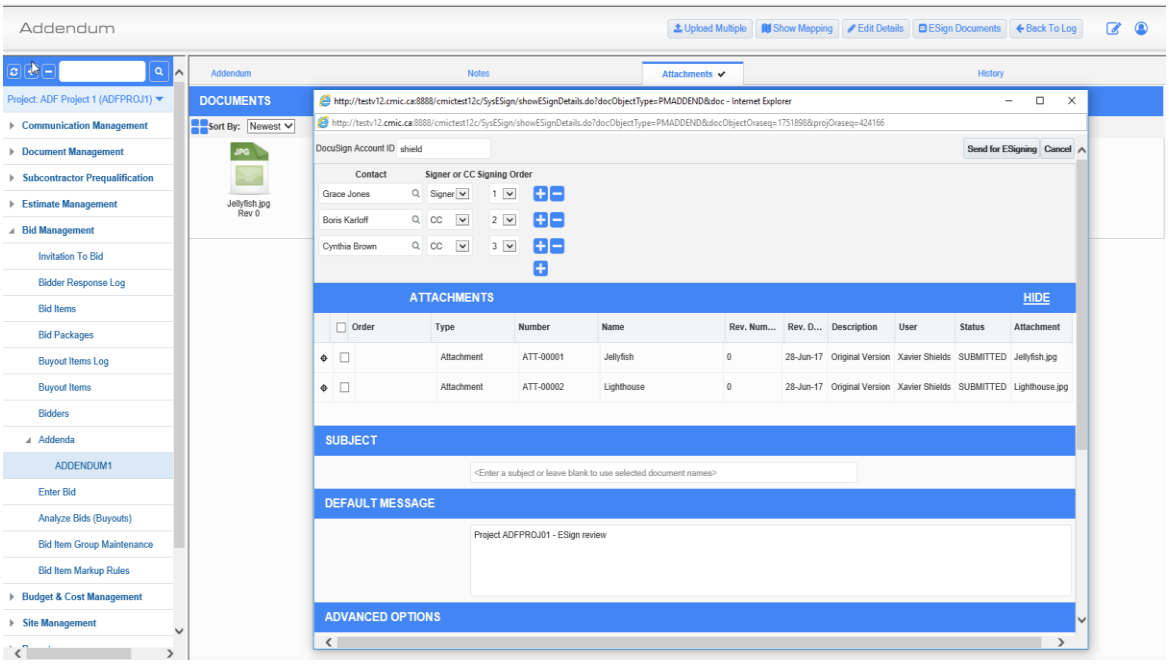
When this window is completed, the values will be displayed at the bottom of the screen:



Use the [Edit] button (available in view mode) to edit the screen and add the Esign rules for the object type:

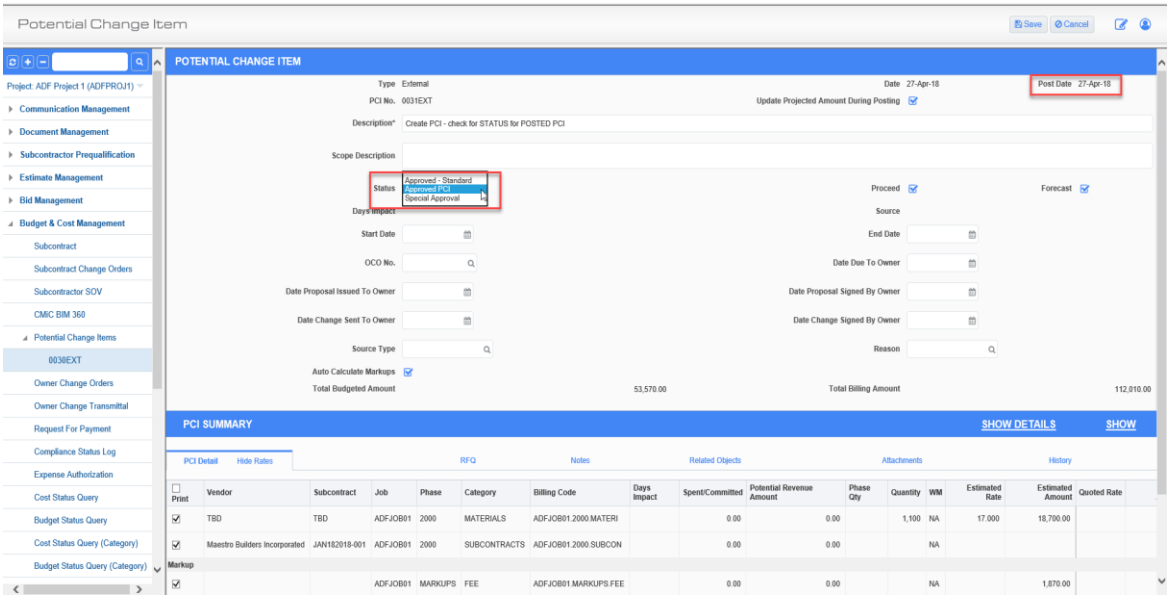


When the user goes to the Attachments tab of the PM object that has been set up for ESign, the values will default there. Click the [Esign Documents] button in the Attachments tab (of an Addendum record, in this example) to get:

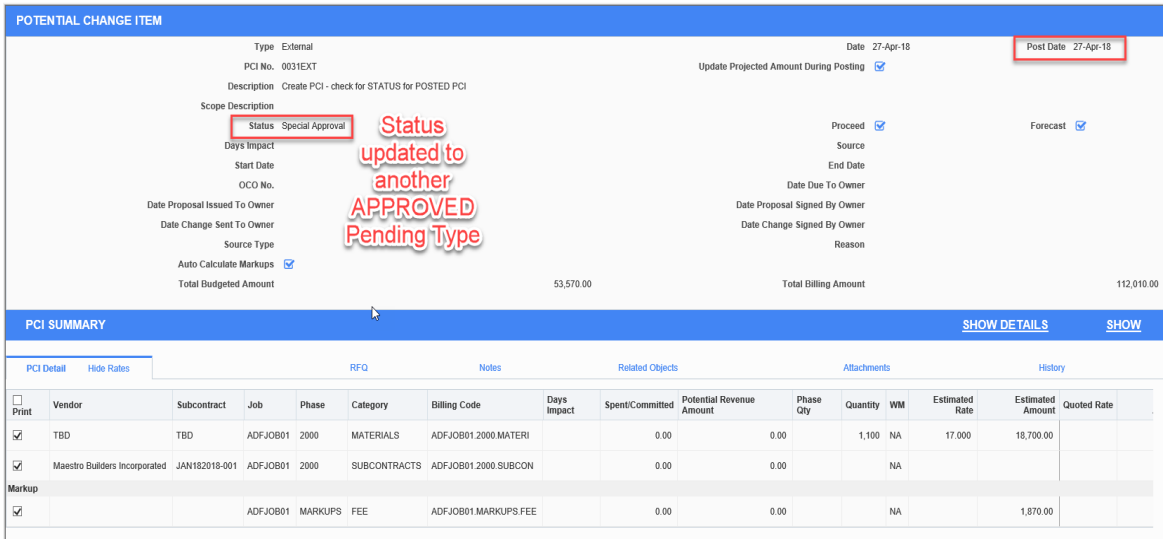


System-level defaults will default to each project, but can be overwritten by editing the project and changing the values.

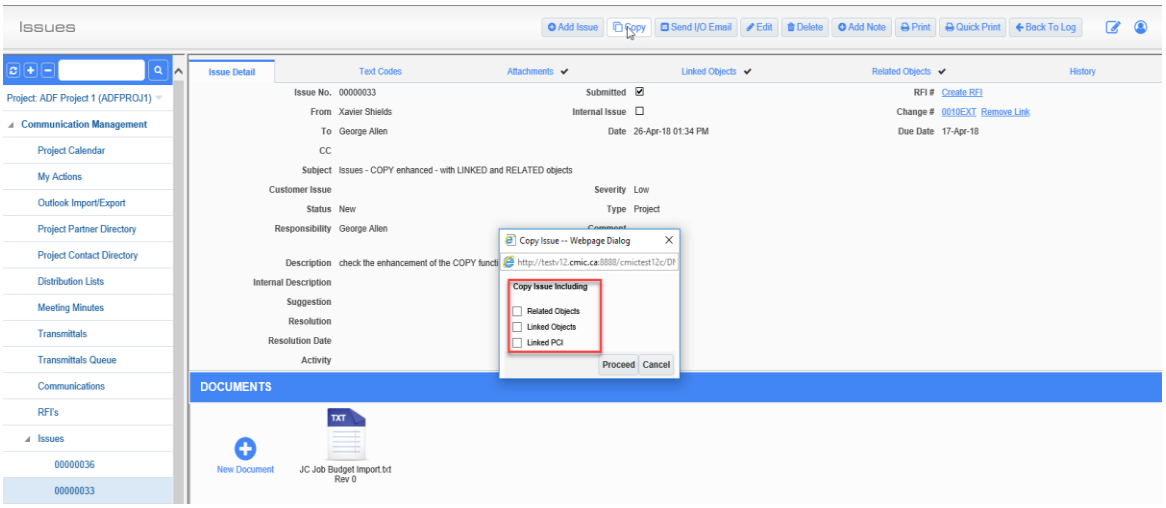
PCI Entry – Changing Posted PCI to another Approved Status (18.50436)



Changes have been made to the PCI Entry to make PCI header Status editable for a POSTED PCI, but have the Status drop down only lists those pending types with Approved value so that it can be updated from one status to another with Pending Type = APPROVED.



Issue Entry – COPY Issue is Enhanced (17.37987)



The COPY issue function has been enhanced to allow the user to select additional data if desired. This additional data includes Related Objects, Linked Objects, Linked PCI.

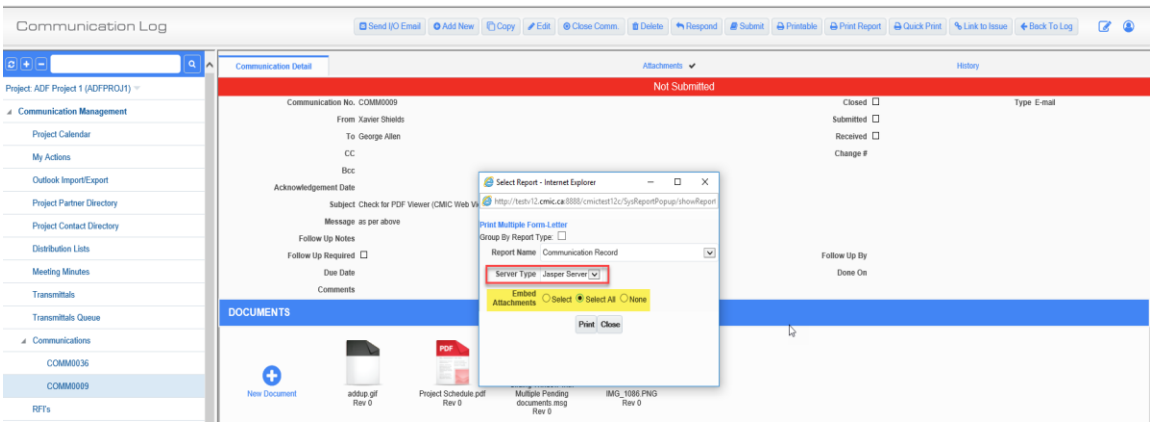
Daily Journal – Sorting Labor Records (17.46476)

Modifications have been made to Daily Journal to sort Labor records by Emp#, Employee Name and Phase. The sorting is available in View mode only.

When the user clicks the column header to sort by that column this sorting will be preserved in both View and Edit modes.

Printing Jasper Reports with Embedded Attachments (18.51700)

Modifications have been made to the Reports popup - Embedded attachments - to allow for selection of one or more attachments to merge with a Jasper Report.



When the Server Type is ‘Jasper Server’ the Embed Attachments radio buttons can now be set at ‘Select’ or ‘Select All’. Previously it was only set at ‘None’ and was read-only.

PM Role Privilege – Disallow Creating Contacts For Company

(16.21805, 18.51029)

IMPORTANT NOTE:

The enhancement previously programmed in issue 16.21805 has been modified so that the PM Role privilege "Add Contacts To Company", has been changed to “**Disallow User From Creating Contacts For Company**".

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

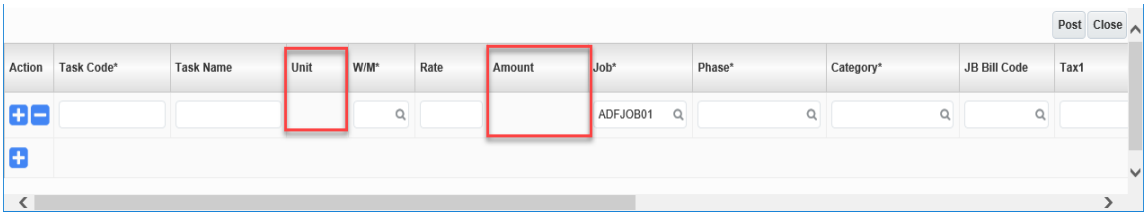
Company Code

Company Name

Type

Subcontract/SCC) Add SOV screen – Amounts and Units (17.43196)

Subcontract/SCCO - Modified the existing [Add SOV] feature for Posted Subcontract/SCCO functionality to allow for the entry of Amount and Unit. The user can already enter Rate.



Field security can be applied to the Amount and Unit fields on both the Subcontract and SCCO screens. The default field security is 'Read-only':

Enhancements to Subcontract/SCCO based on Contract Types

(16.20746,16.21146,16.21941,16.21156, 17.44009)

These changes include the requirements of the Work Orders: 16.21146, 16.20746, 16.21941, 16.21156 and 17.44009.

CMiC has introduced extensive modifications to the Subcontract and SCCO programs as they relate to a subcontract's **Contract Type**.

A new PM Systems Options flag '**Default SC Settings for Contract Type**' has been introduced to control the use of this feature in the Subcontract and Subcontract Change Order programs.

Also in the PM Systems Options screen, a **System File Path** field has been created to support the archiving of subcontract documents in a defined location after subcontract posting.

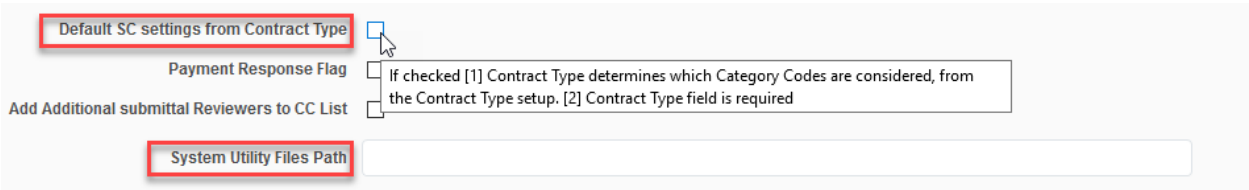
In addition, a **Contract Type Maintenance** screen has been added so that users can associate a given Contract Type with default settings for:

- ✓ Retainage %
- ✓ Pay When Paid (PwP) and Days
- ✓ Not Allowing subcontract posting if Contract exceeds Budget
- ✓ Not Allowing RFP Posting when RFP exceeds Contract Amount
- ✓ Sender Email for subcontract documents
- ✓ Subcontract Documents and related attachments for printing and archiving
- ✓ Text Codes
- ✓ Compliance Codes
- ✓ Category Codes.

The program is located in the File Maintenance section of the PM JSP tree-view.

An outline of the Contract Types feature and the required setup is given below.

PM Systems Options



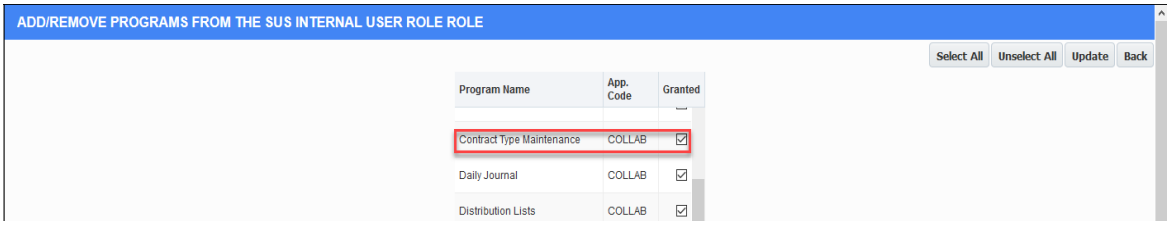
When the PM Systems Options flag 'Default SC Settings for Contract Type' is checked, the new association feature will take effect according to the Contract Type Maintenance. In addition, the Contract Type field becomes mandatory in any subcontract that is created or edited.

The field: **System Utility Files Path** is used for defining the path that the Archived document will be located.

Security Setup

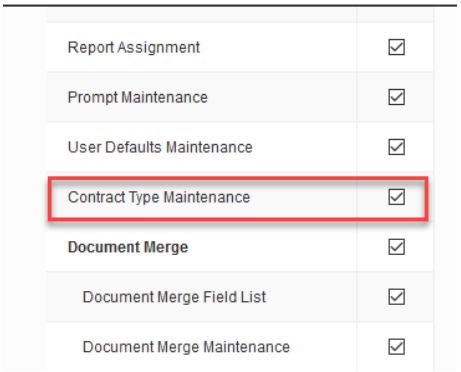
To assign security to this new program, use both the Assign Programs and Assign Menu Items options in the Security section:

Assign Programs

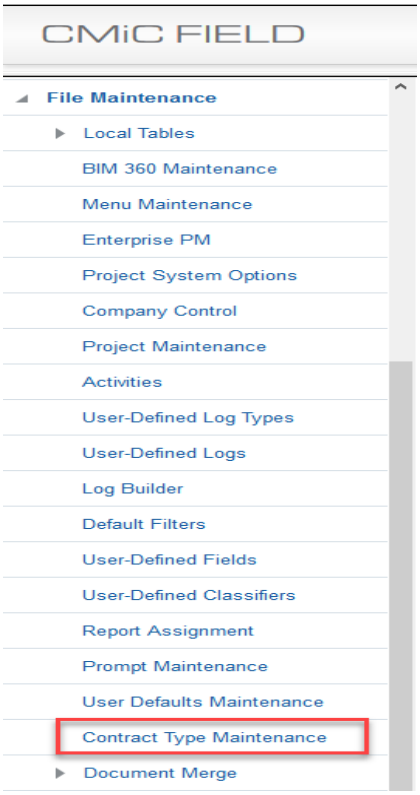


Assign Menu Items

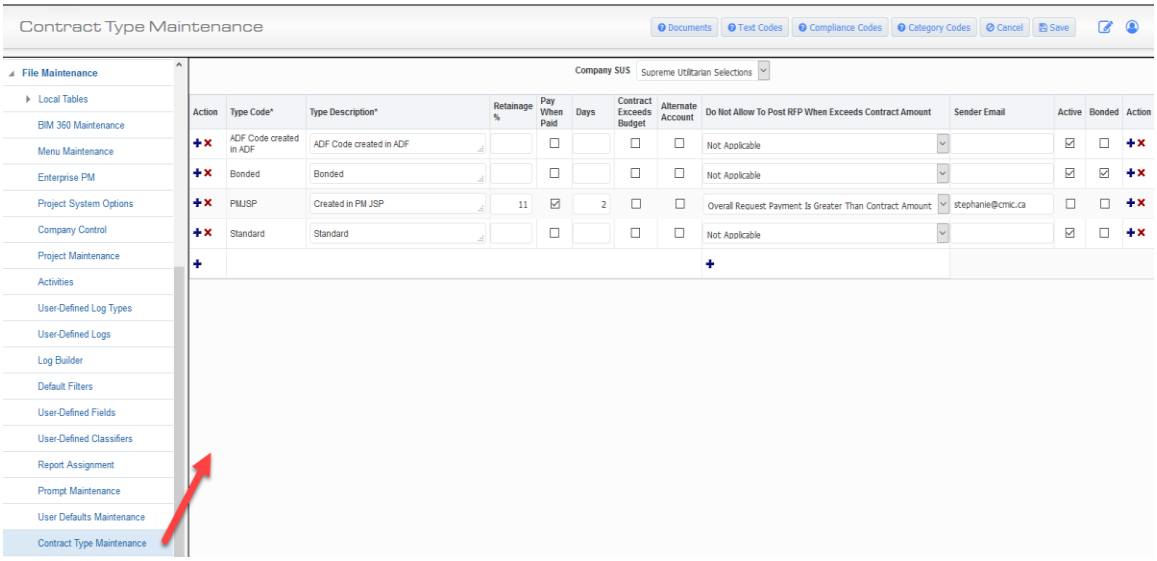
Under 'File Maintenance':



After security is set up for the user, the program will be displayed in the tree-view. If a custom tree-view exists for the user, make sure to use Menu Maintenance to make the adjustments to the custom tree-view.



Contract Type Maintenance - COMPANY LEVEL SETUP



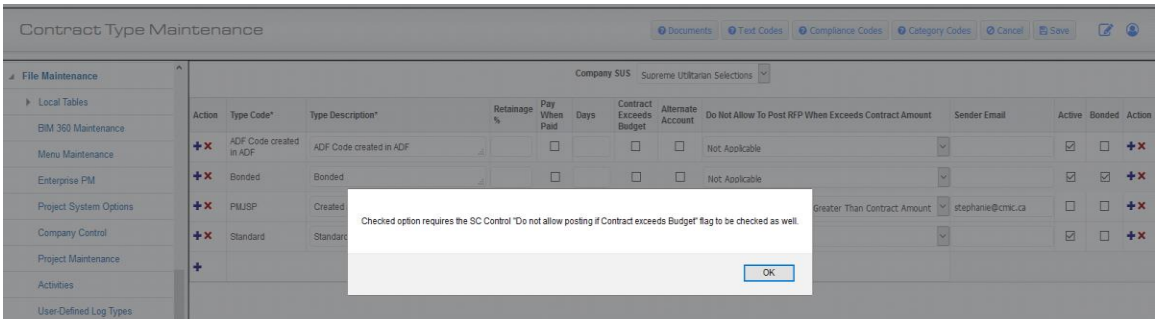
When the new program is launched, the screen allows Contract Types to be set up by **Company**.

Enter the **Contract Type Code** and **Description.**

For each Contract Type, a default value can be set for Retainage %, PwP, Days, Contract Exceeds Budget flag, Alternate Account, Do Not Allow To Post RFP When Exceeds Contract Amount, and Sender Email, Active and Bonded flags. The buttons are detailed below.

Contract Exceeds Budget Flag

The Contract Exceeds Budget flag (company and project level) can only be checked if the corresponding flag in the **Subcontract Control** is also checked.



Subcontract posting under this new feature **will not occur** if the Contract Amount will exceed the Budget, while the PM Systems Option flag 'Default SC settings from Contract Type' and the 'Contract Exceeds Budget' flag on the project are checked.

Subcontract posting under this new feature **will still occur** if the Contract Amount will exceed the Budget, while the PM Systems Option flag 'Default SC settings from Contract Type' is checked and the 'Contract Exceeds Budget' flag on the project is **unchecked**, even though the SC Control flag is checked (and the override privilege is unchecked).

In other words, subcontract posting is totally controlled by the settings for this Contract Types feature once it's activated.

The system considers The SC Control setting for subcontract posting only when PM system option flag 'Default SC settings from Contract Type' is unchecked.

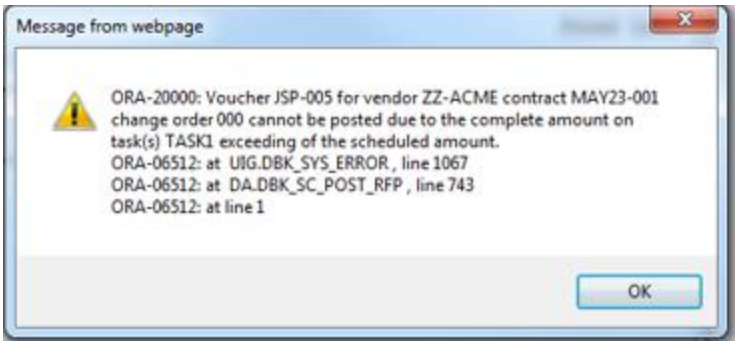
Do Not Allow To Post RFP When Exceeds Contract Amount

This column has the following options:

- ✓ Not Applicable – no validation takes place regarding the RFP Amount and the Contract Amount
- ✓ SOV Line Is Greater Than Associated Contract SOV – validated to see if any individual SOV line in the RFP has a Current Amount plus any Previously Certified Amount that is greater than the corresponding Contract Amount for that SOV
- ✓ Overall Request Payment Is Greater Than Contract Amount – validated to see if the overall payment request amount is greater than the Contract Amount

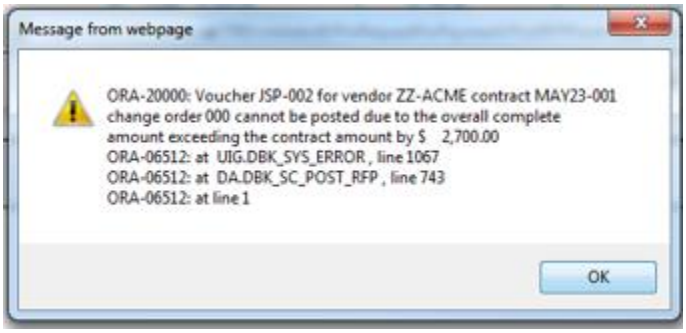
If any of the latter two is an option for the Contract Type of a subcontract, the related RFP is not posted. There will be a warning when the RFP is initially saved, that the Contract Amount is exceeded, and then on posting, the following message will be displayed:

for setting - SOV Line Is Greater Than Associated Contract SOV:



and

for setting - Overall Request Payment Is Greater Than Contract Amount:



NOTE: The setting for RFP Posting made at the company/project level in PM JSP does not update the similar field which is in the SC Control (RFP Defaults).

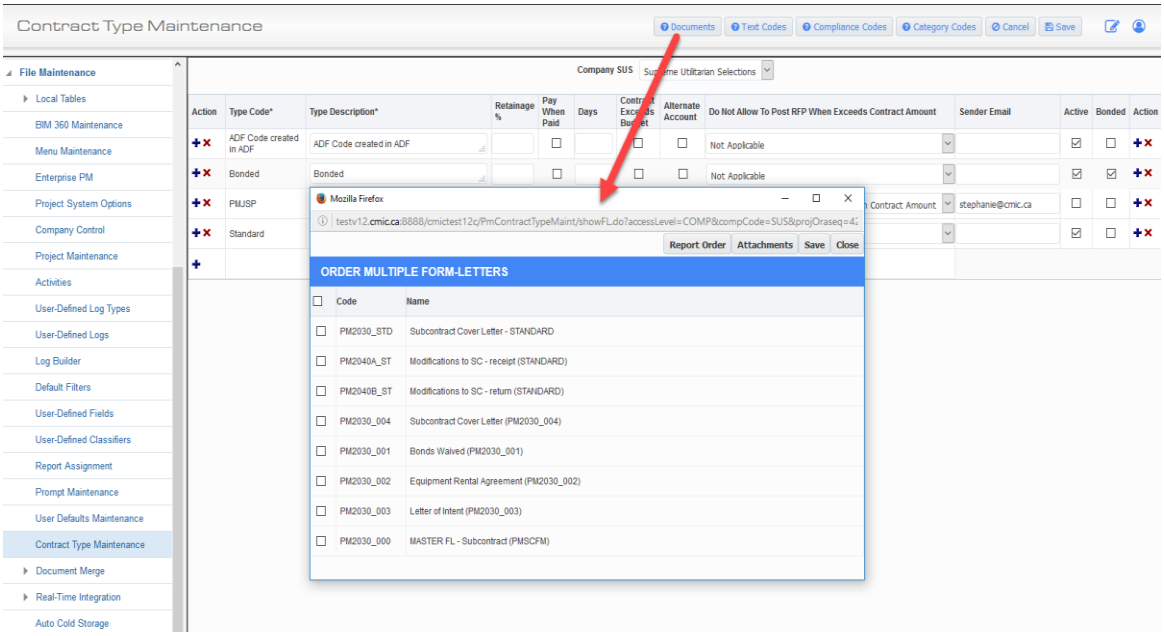
Sender Email

When the Contract Type is selected in the SC header, the associated Sender Email address is populated. The value is taken from the project level defaults. It can be overridden by the user.

Field security can be applied to the field on Contract Type Maintenance and Subcontract. The standard default value is HIDDEN.

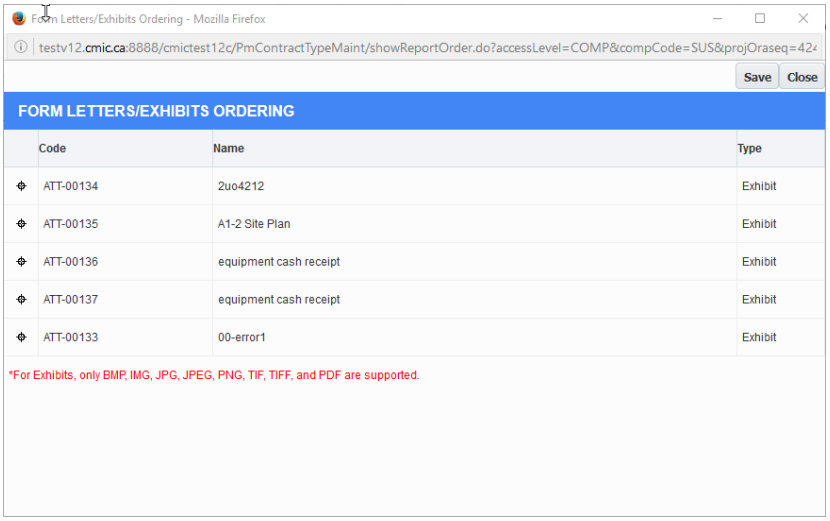
Documents

To set the default Documents and Attachments for a selected contract type, click the [**Documents**] button. Subcontract Form Letters will be shown in the popup window:

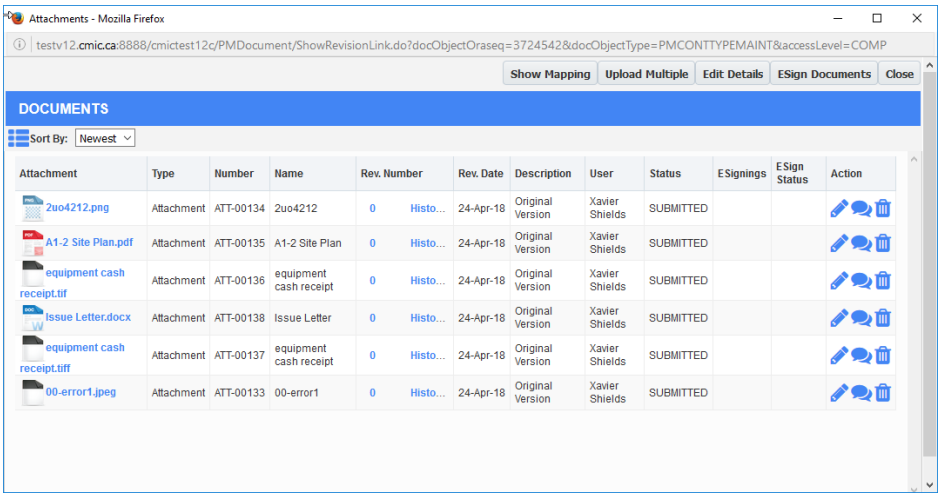


Any report and attachments selected at the Company level for the contract type will be shown as checked at the Project level. Additional reports can be checked/unchecked at the project level.

The [**Report Order**] button will display a window with the reports and any attachments and allow the user to change the order in which they should be printed.

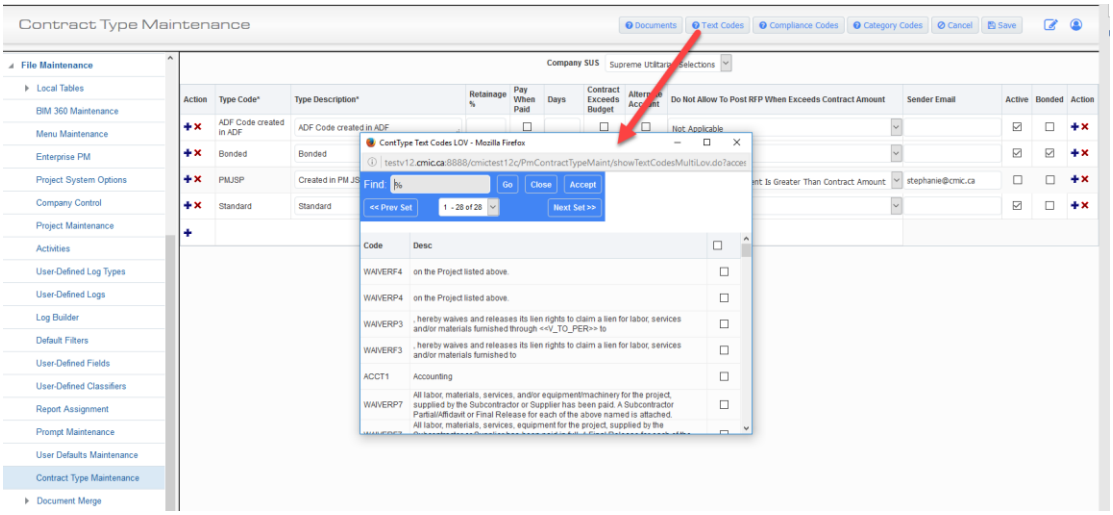


The [**Attachments**] (Exhibits) button will display a window to allow adding and editing of attachments:



Text Codes

To set the default Text Codes for a selected contract type, click the [**Text Codes**] button and make your selection.

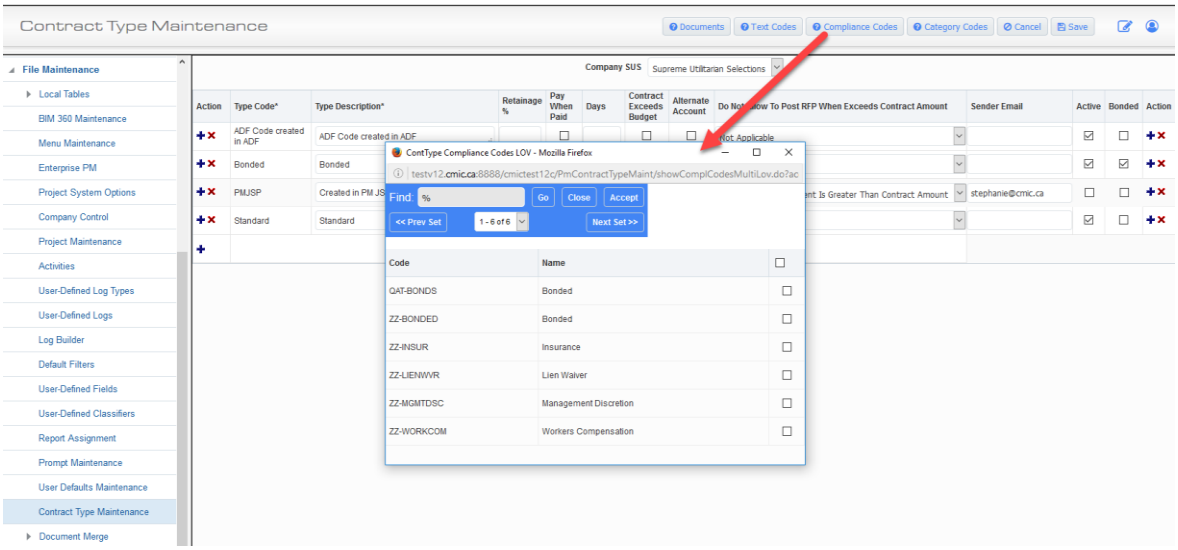


Any codes selected at the Company level for the contract type will be shown as checked at the Project level. Additional codes can be checked/unchecked at the project level.

Click [Accept] to save your selection.

Compliance Codes

Compliance Codes will be shown in the popup window when the user selects a Contract Type by clicking on it, and then clicking the [**Compliance Codes**] button.

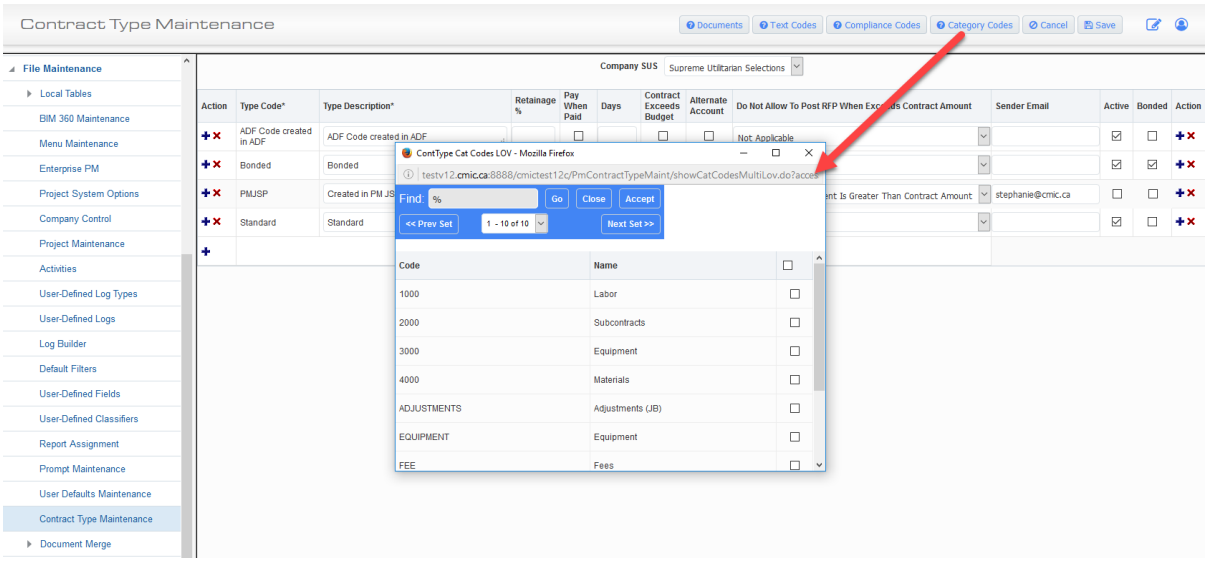


Any codes selected at the Company level for the contract type will be shown as checked at the Project level. Additional codes can be checked/unchecked at the project level.

Click [Accept] to save your selection.

Category Codes

To assign one or more default Categories to a Contract Type, first highlight the record then click the [**Category Codes**] button:

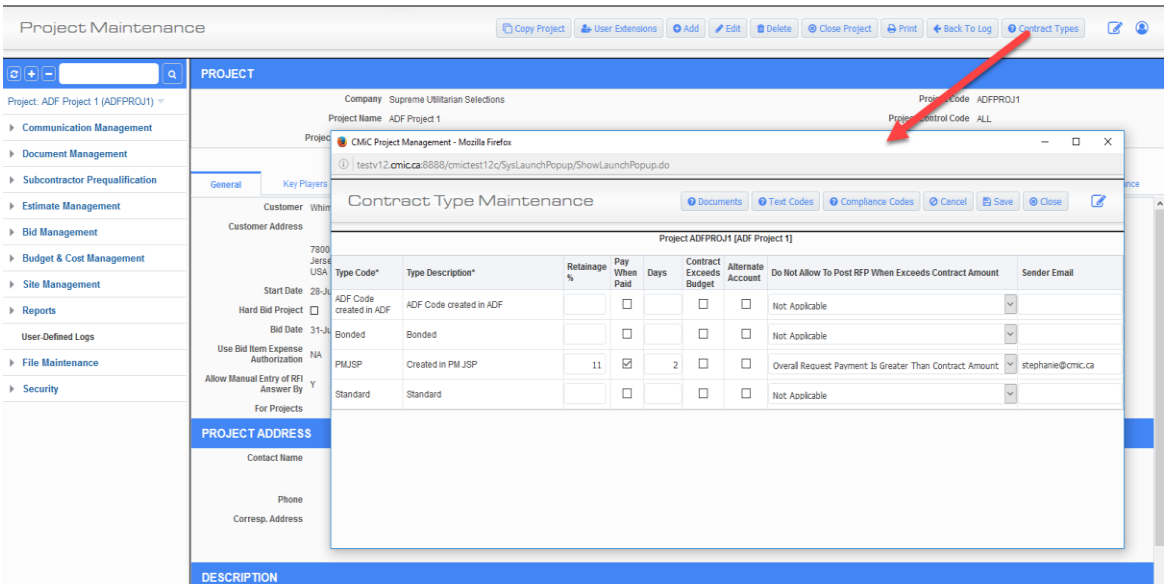


Select the Category Codes from the list of values and save the changes.

NOTE: Company level settings will default to **new** and existing projects (as long as the project-level setup was not yet edited).

Contract Type Maintenance - PROJECT LEVEL SETUP

The [Contract Types] button is available from the General tab as well as the Defaults tab of the Project Maintenance screen.



Project level Contract Types setup has the Project Name in the screen. The company level Contract Types default settings are inherited, but changes can be made here.

Note that Category changes are not made at the project level.

The initial values shown are from the Company setup, but changes can be made and saved for the project level.

Click on a Contract Type to highlight a record.

Select or make changes to Retainage %, PwP, Days, Contract Exceeds Budget, Do Not Allow To Post RFP When Exceeds Contract Amount, Sender Email.

Click the [**Documents**] button. It will display the list of Documents and Attachments (defaulted from the company) for this contract type, and this can be changed as well by selecting different codes than those that were defaulted.

Reports, attachments and their print order that were set at the company level will be defaulted to the project, but can be overridden by the user.

Select the desired Documents and Attachments and click [Accept]. This action will save the codes selected.

Click the [**Text Codes**] button. It will display the list of Text Codes (defaulted from the company) for this contract type, and this can be changed as well by selecting different codes than those that were defaulted.

Select the desired text codes and click [Accept]. This action will save the codes selected.

Click the [**Compliance Codes**] button. It will display the list of Compliances (defaulted from the company) for this contract type, and this can be changed as well by selecting different codes than those that were defaulted.

Select the desired compliance codes and click [Accept]. This action will save the codes selected.

Any changes made in the Contract Type window must be saved using [Save] before closing the window.

NOTE: Once changes are made at the project level for a given contract type, changes made later at the company level will not take effect on the project for that contract type. This is true for all the default settings.

Process and Validation

Subcontract and Subcontract Change Order

Once the setup is made at the Project level, the defaults will flow through to any new subcontracts.

Changes to Contract Types at the project level will also take effect if the contract type in the subcontract is changed. When the contract type is changed, any documents, text codes and compliances which were pulled in by the previous contract type will be removed, including any that were added directly in these subcontract screens (i.e. Compliance screen, Text Codes tab, Attachments tab), along with updating of the Retainage, PwP, Days and Sender Email. All values will be replaced with the values from the selected contract type.

These defaults can be overridden in the subcontract.

Job level compliances will default along with any project level compliance code defaults for the contract type used in the subcontract.

The contract amount will be validated against the budget on posting of the subcontract, based on the project level contract type setting for the flag.

The posting process will automatically print the reports and attachments (which were set for the contract type at the project level) and create an archived copy in the Attachments tab of the subcontract.

At the end of the archive process, the user will get a popup window with a chance to send print the report to Email. The email will be sent to the Contact on the subcontract, and the Sender will be the address in the Sender Email field.

Screen prints are shown further below.

Phase and Category Validation in the Subcontract/SCCO SOV

When a subcontract (or SC change order) is created or edited, Phases shown are based on phases that have the categories selected for the subcontract Contract Type.

The categories shown will only be those selected for the Contract Type. If no Categories are selected for the Contract Type then all Phases and Categories are listed.

Contract Exceeds Budget Validation in Subcontract/SCCO

When this flag is checked on the project, any subontracts/change orders created will be validated to ensure that the Contract Amount does not exceed the Budget Amount. The validation is against the total subcontract or subcontract plus change orders or total change orders (if subcontract is 0, which is unlikely).

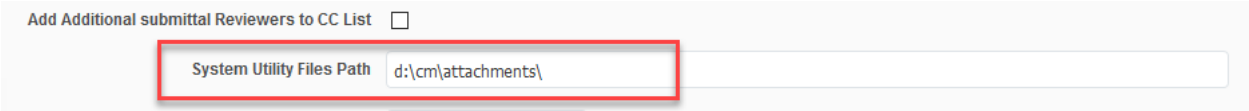
Archiving Subcontract Reports after Posting

Feature Notes

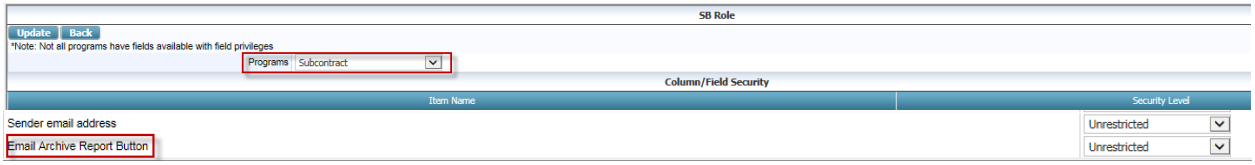
- ✓ takes effect when PM Systems Option flag 'Default SC settings from Contract Type' is checked
- ✓ archived file path is set in PM Systems Option field 'System Utility Files Path'
- ✓ posting of the subcontract is not allowed if the subcontract Contact is not specified
- ✓ posting of the subcontract is not allowed if the Sender Email is not specified
- ✓ without SC Contact the Archived report cannot be sent
- ✓ field security is available for [Email Archived Report] button for subcontract
- ✓ button label changes from [Print] (for an unposted SC) to [Email Archived Report] (for a posted SC)
- ✓ when the default reports are printed for an **unposted** SC, the word 'DRAFT' is watermarked on the pages
- ✓ the default documents do not show in the Attachments tab of the subcontract when the PM Systems Options flag 'Default SC settings from Contract Type' is checked

PM Systems Options

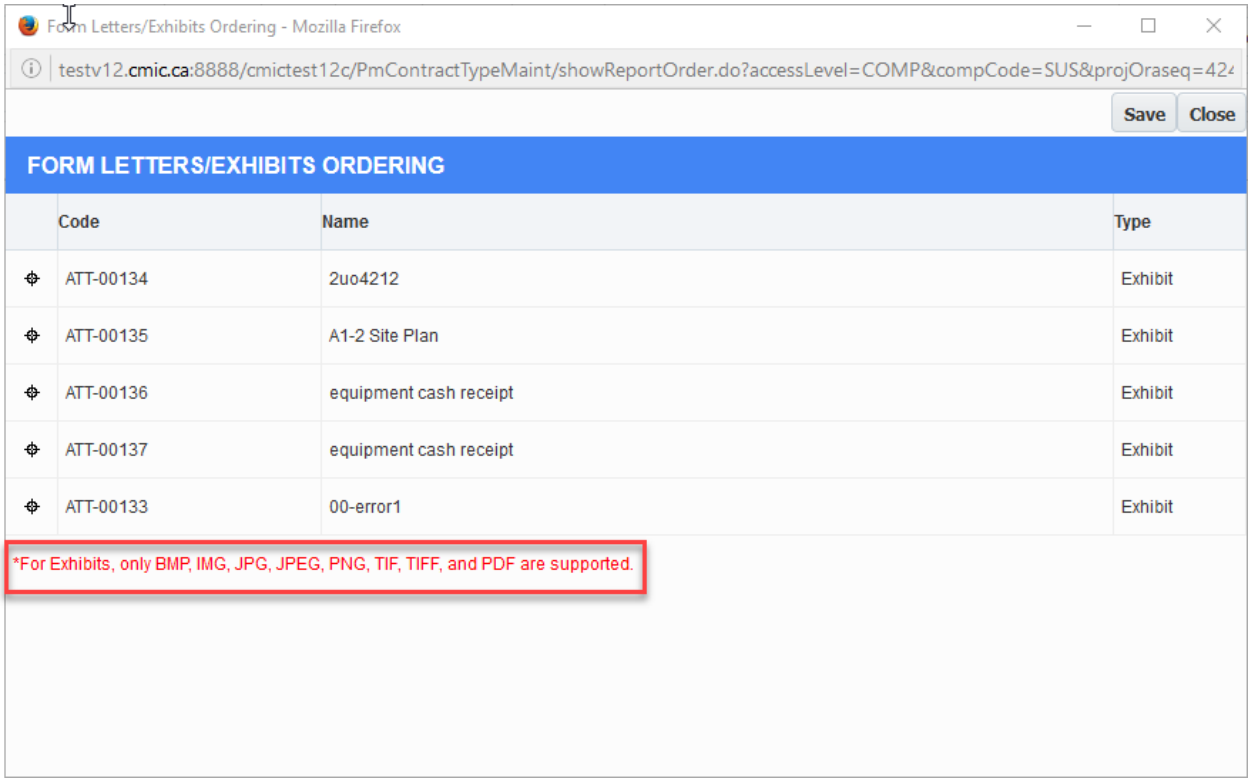
File path for storing archived documents:



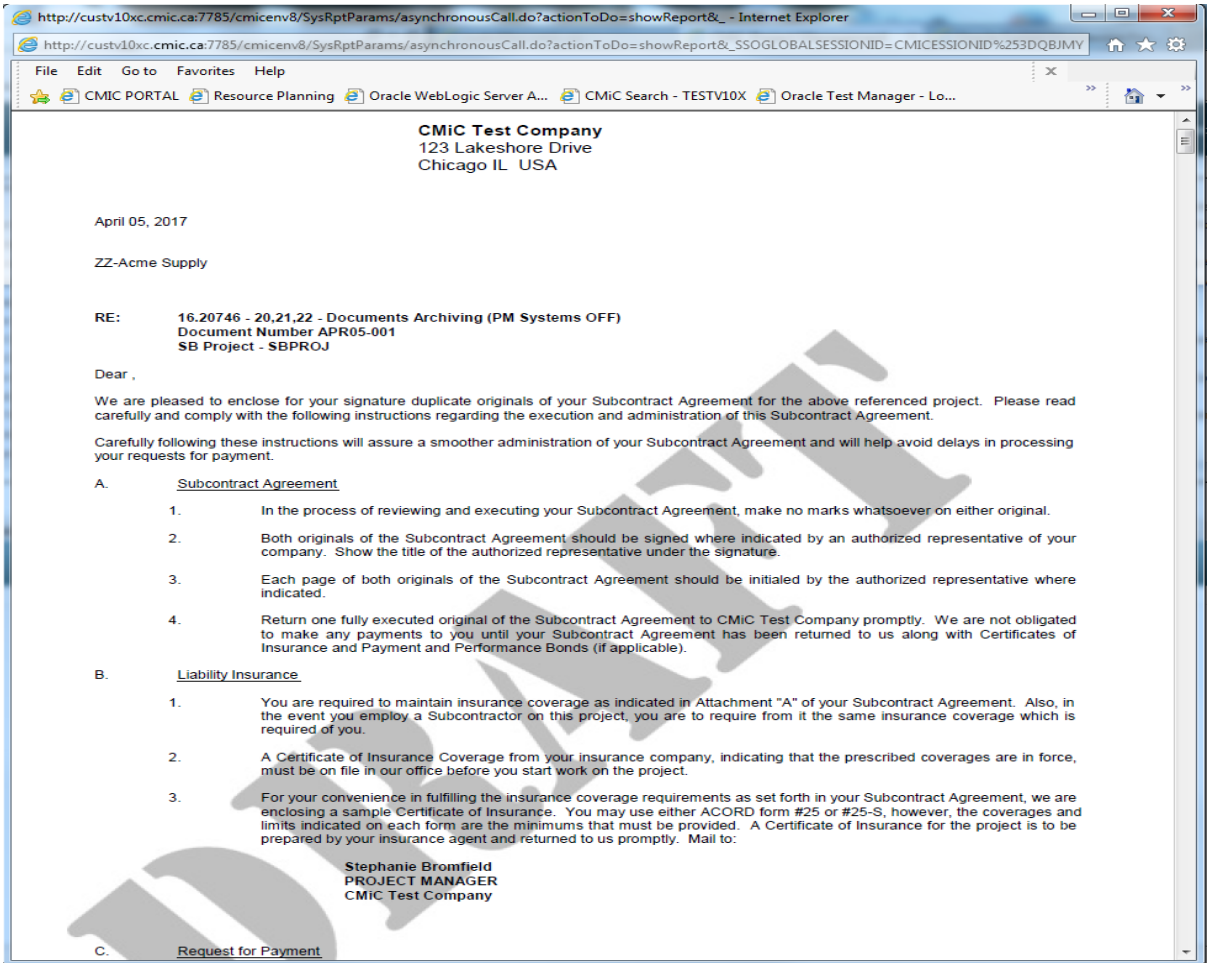
Field security:



Attachment (Exhibit) types allowed: BMP, IMG, JPG, JPEG, PNG, TIF, TIFF, PDF:



Sample Report page for unposted subcontract after printing:



CMiC Test Company
123 Lakeshore Drive
Chicago IL USA

April 05, 2017

ZZ-Acme Supply

RE: **16.20746 - 20,21,22 - Documents Archiving (PM Systems OFF)**
Document Number APR05-001
SB Project - SBPROJ

Dear ,

We are pleased to enclose for your signature duplicate originals of your Subcontract Agreement for the above referenced project. Please read carefully and comply with the following instructions regarding the execution and administration of this Subcontract Agreement.

Carefully following these instructions will assure a smoother administration of your Subcontract Agreement and will help avoid delays in processing your requests for payment.

A. Subcontract Agreement

1. In the process of reviewing and executing your Subcontract Agreement, make no marks whatsoever on either original.
2. Both originals of the Subcontract Agreement should be signed where indicated by an authorized representative of your company. Show the title of the authorized representative under the signature.
3. Each page of both originals of the Subcontract Agreement should be initialed by the authorized representative where indicated.
4. Return one fully executed original of the Subcontract Agreement to CMiC Test Company promptly. We are not obligated to make any payments to you until your Subcontract Agreement has been returned to us along with Certificates of Insurance and Payment and Performance Bonds (if applicable).

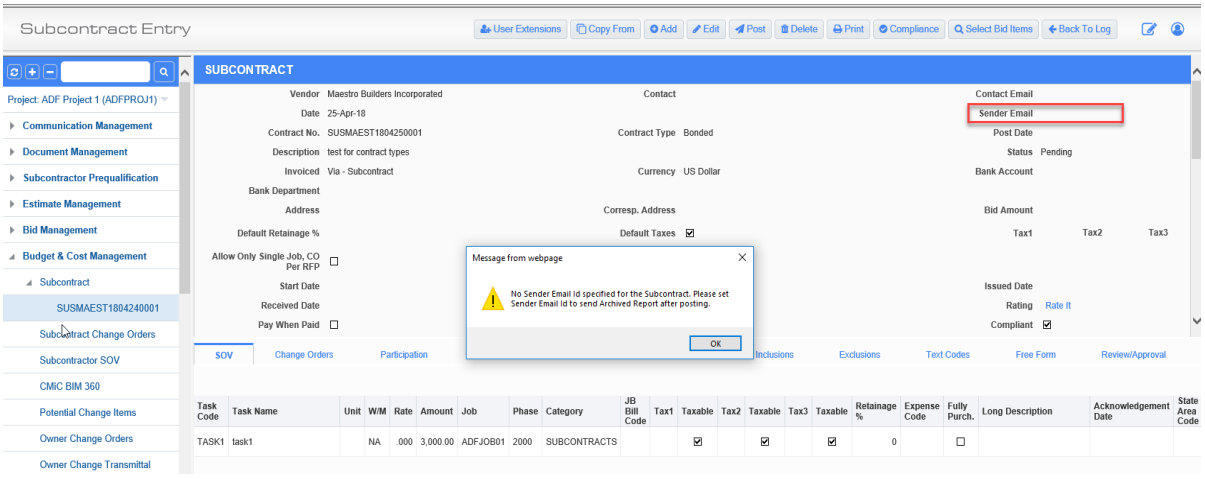
B. Liability Insurance

1. You are required to maintain insurance coverage as indicated in Attachment "A" of your Subcontract Agreement. Also, in the event you employ a Subcontractor on this project, you are to require from it the same insurance coverage which is required of you.
2. A Certificate of Insurance Coverage from your insurance company, indicating that the prescribed coverages are in force, must be on file in our office before you start work on the project.
3. For your convenience in fulfilling the insurance coverage requirements as set forth in your Subcontract Agreement, we are enclosing a sample Certificate of Insurance. You may use either ACORD form #25 or #25-S, however, the coverages and limits indicated on each form are the minimums that must be provided. A Certificate of Insurance for the project is to be prepared by your insurance agent and returned to us promptly. Mail to:

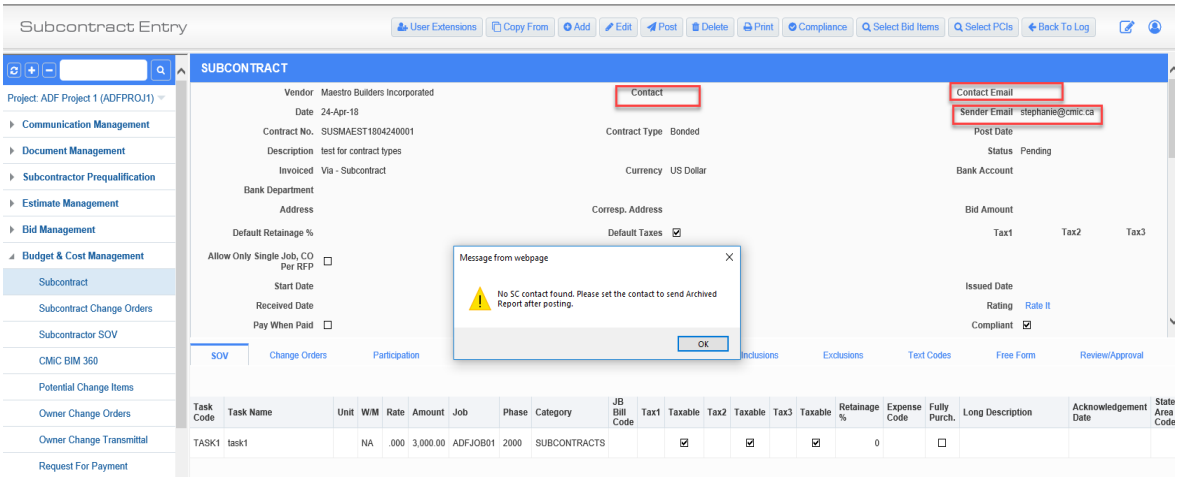
Stephanie Bromfield
PROJECT MANAGER
CMiC Test Company

C. Request for Payment

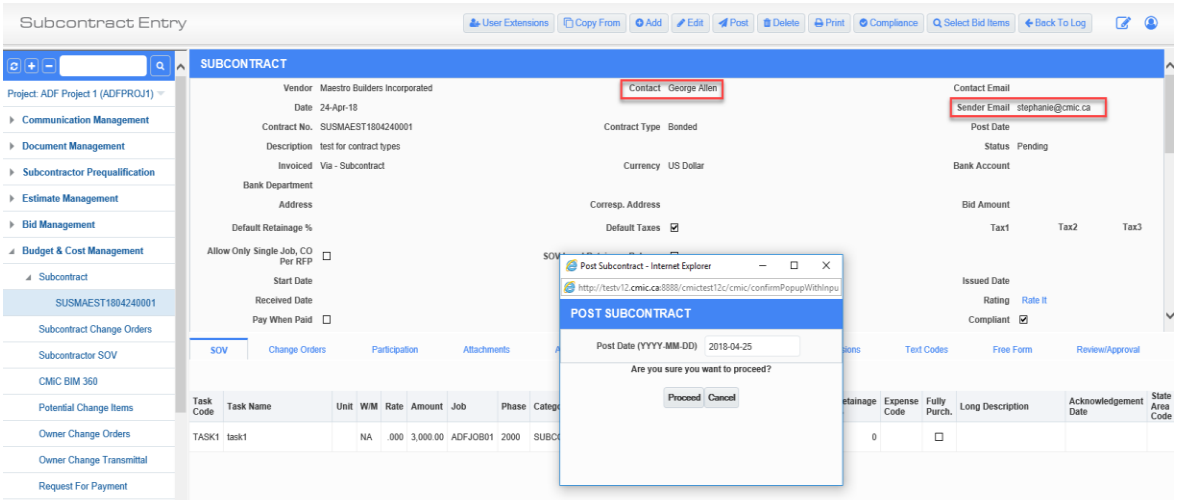
If Sender Email is not entered:



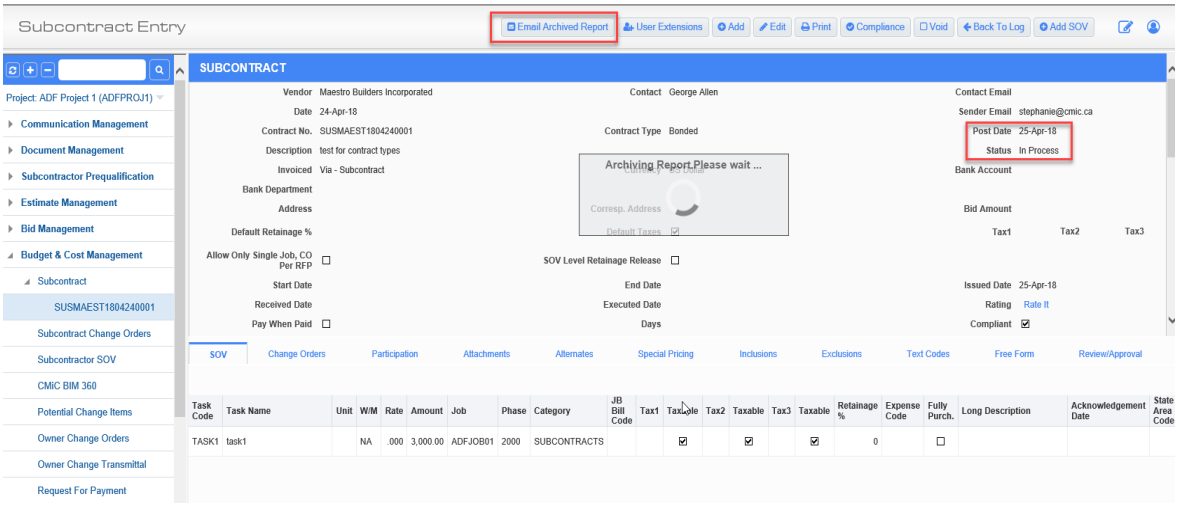
If Contact is not entered:

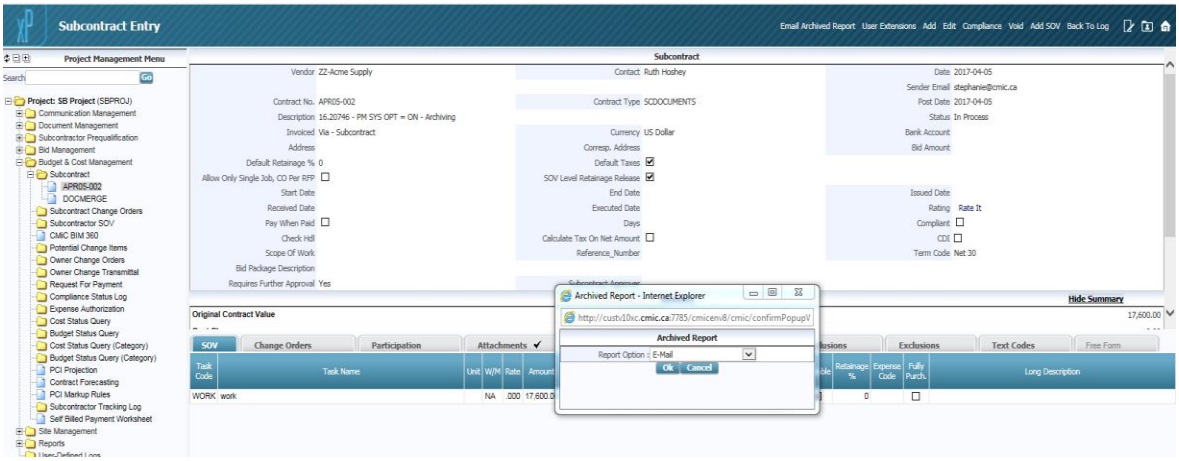


When the contact is entered, posting can proceed:



After Proceeding with the posting, the subcontract becomes posted, and the [**Print**] button changes to [**Email Archived Report**]. At the same time, the archiving process occurs, after which the system prompts the user to print the report to Email:



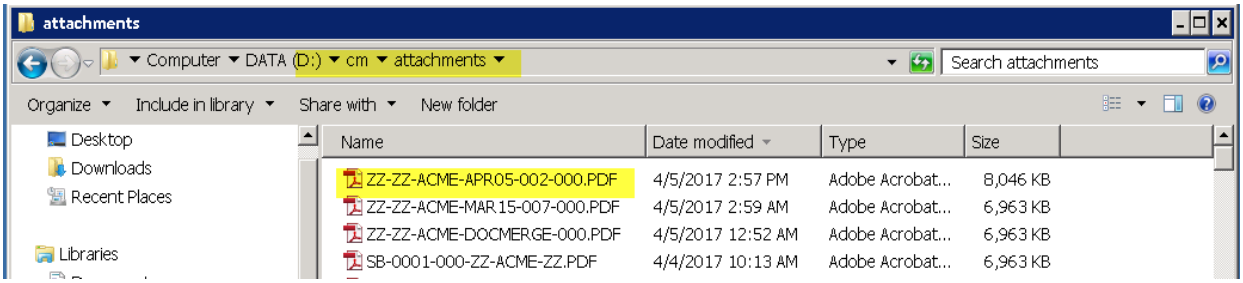


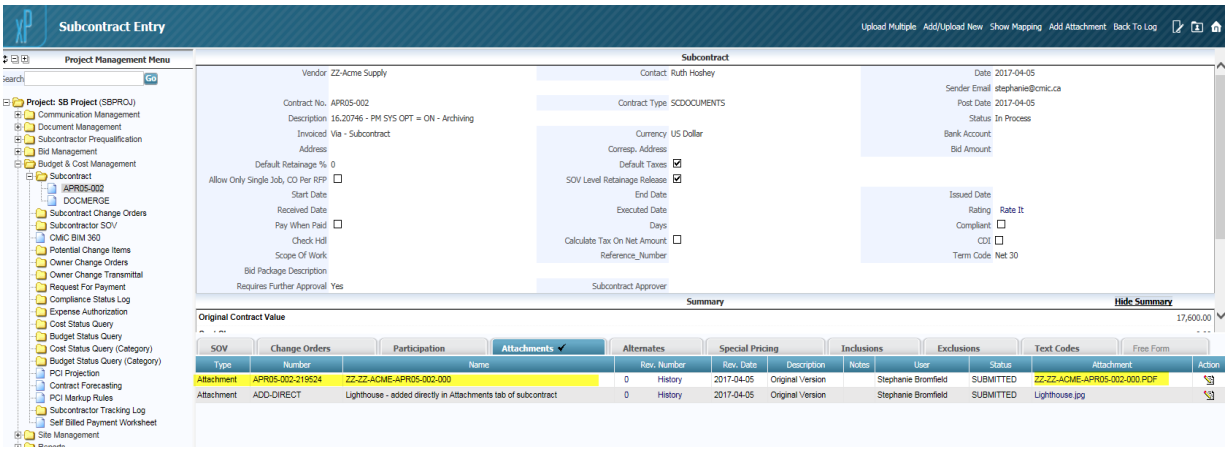
Email is currently the only option.

On clicking '**Email**', an email is sent to the Contact (valid email address is expected):

Archived Report after posting the subcontract - APR05-002.

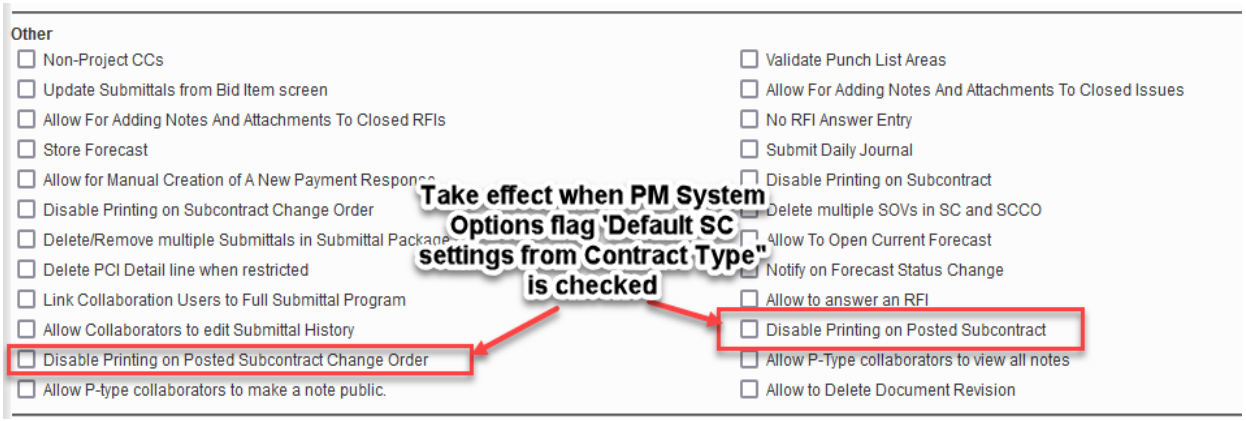
In addition, an archived report is created in the location defined in the PM Systems Options field ‘System Utility Files Path’ and the archived file is available in the Attachments tab of the Subcontract:



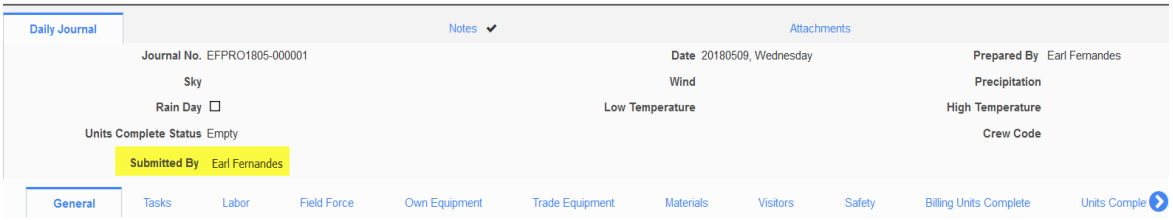


If no archived report is produced (possibly due to missing setup) and you try to email it using [Email Archived Report], you will get the message “**Error while sending report. Archived report not found.**’

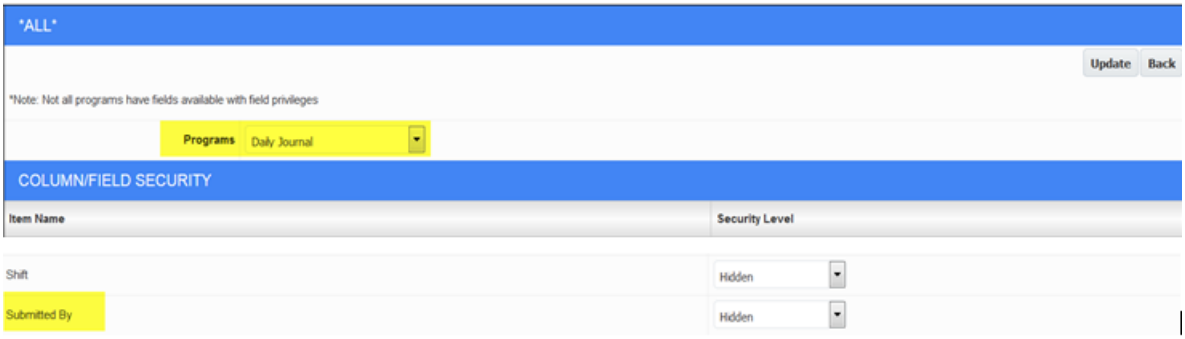
(17.44009-2,16.20746-33)
The 2 privileges below with red border lines are only used when the PM System Options flag for the Contract Types feature is in use: **Default SC settings from Contract Type.**



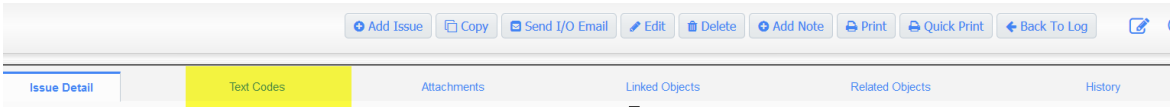
Daily Journal – Submitted By added to Header (17.43782)



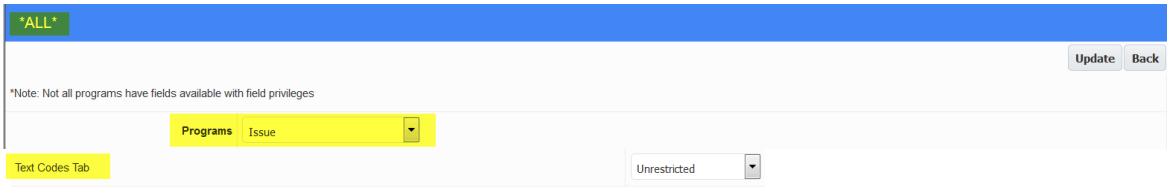
Modifications have been made to add a Submitted By (username) to the Daily Journal header. This field displays the user that submitted the record. Field security can be applied to the field. The default value is set as 'Hidden' on the *ALL* role in *Security > Role Maintenance.*



Issues – Field Security to display/hide Text Codes tab (18.56886)



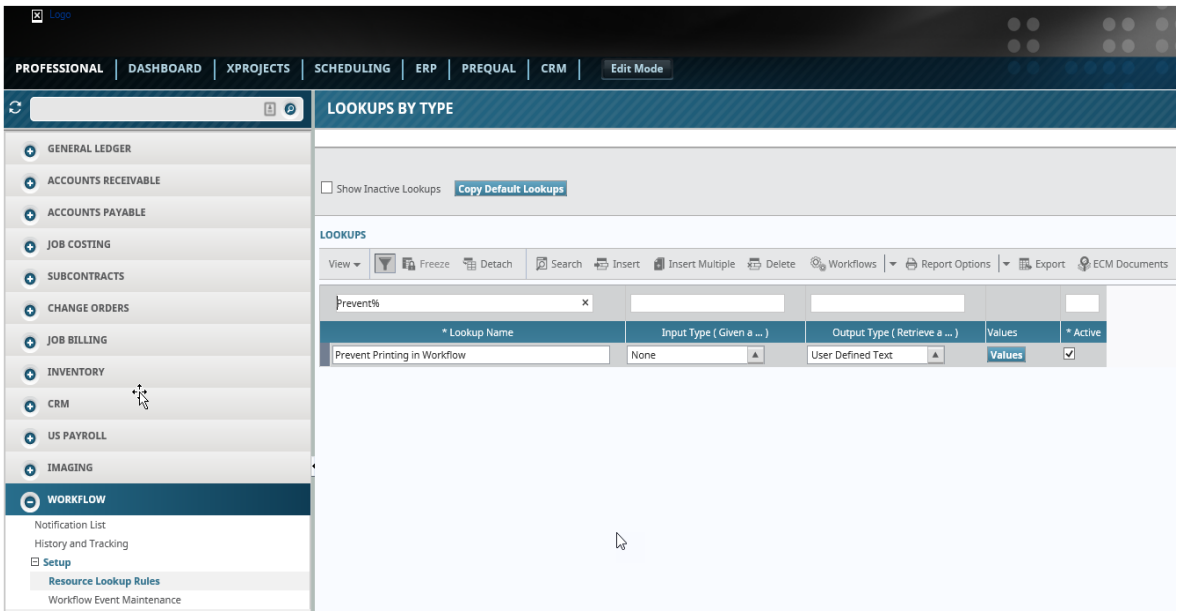
Modifications have been made to display/hide the Text Codes Tab in a record within the Issue's screen. Field security can be applied to this field. The default value is set as 'Unrestricted" on the *ALL* role in *Security > Role Maintenance.*

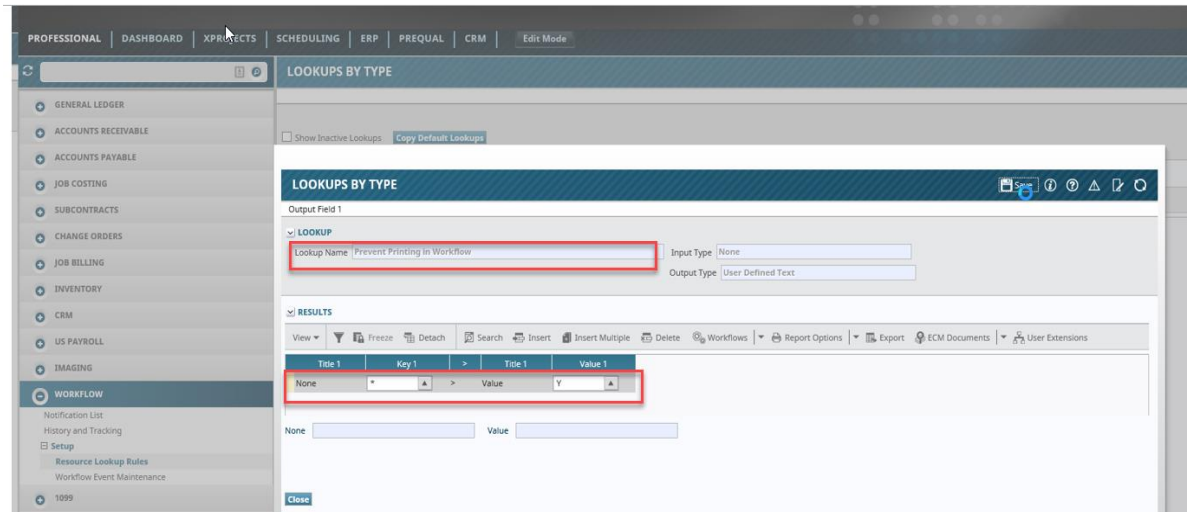


PRINT Not Available when WORKFLOW Active (18.54221)

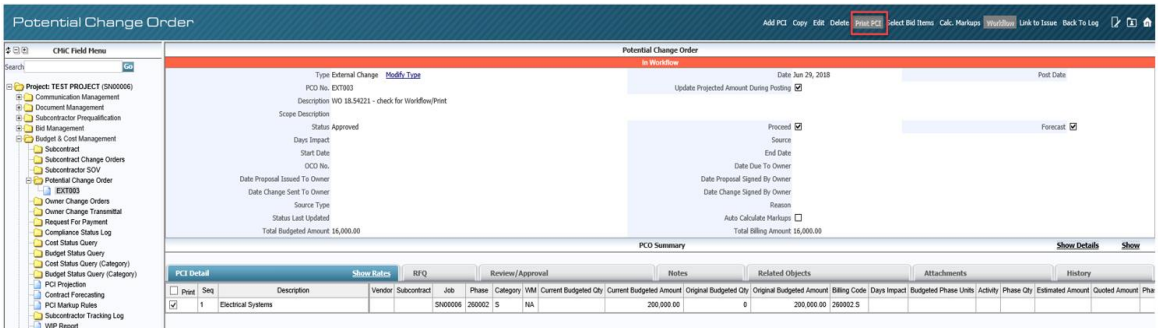
Modifications have been applied to ensure the [Print] button is disabled once the workflow is active. This is applicable to Subcontracts, Subcontract Change Orders, PCIs, Owner Change Orders.

The Workflow Lookup "Prevent Printing in Workflow" needs to be activated for this functionality. It must also have the value 'Y' in the Value 1 field:

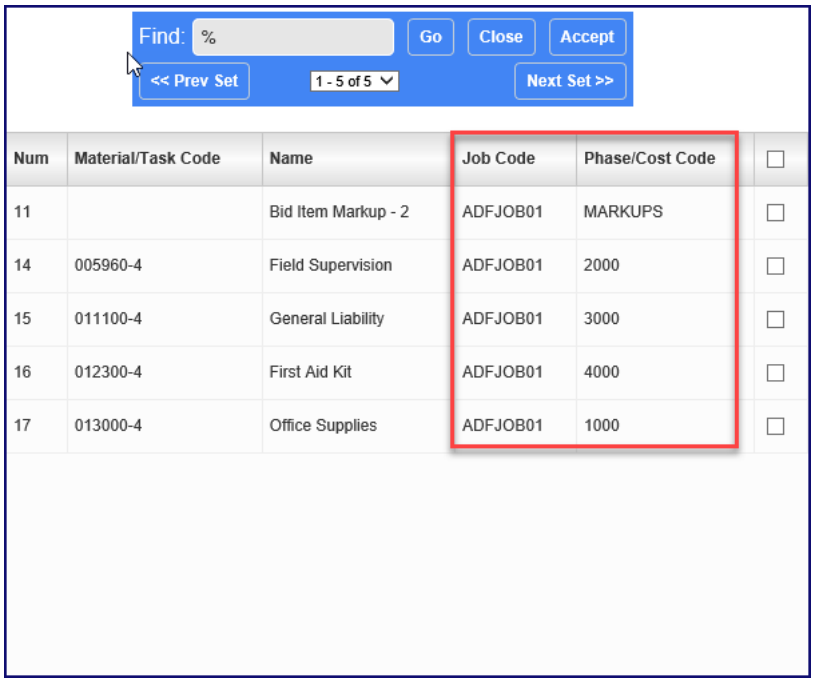




Example below: After setup and sending a PCI to Workflow, the [PRINT] button is disabled:



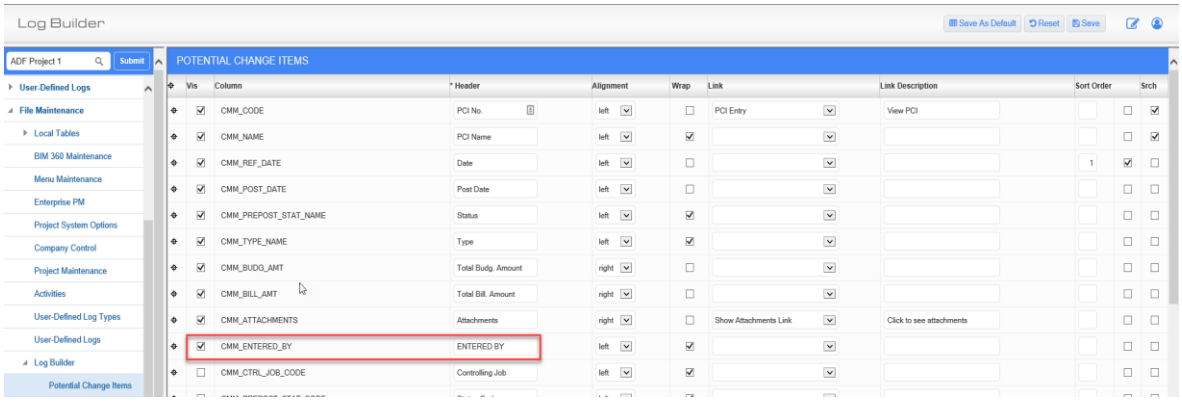
Bid Package – Select Bid Items – Job & Phase added (18.57782)



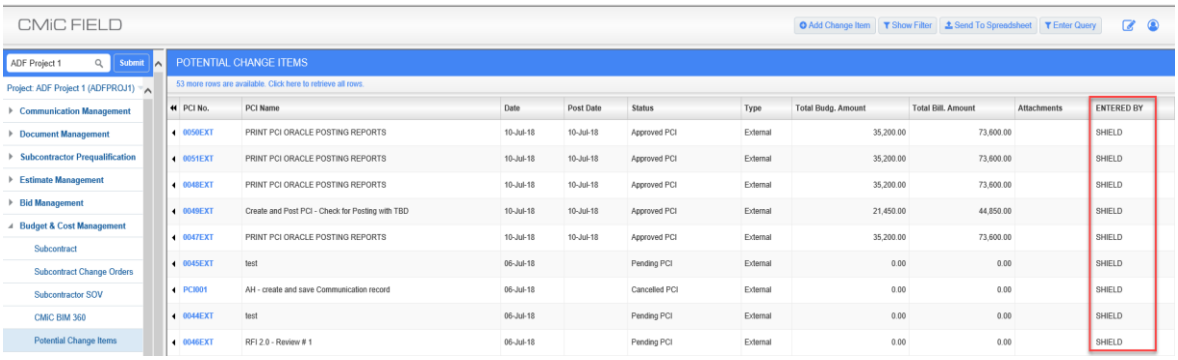
Added the Job Code and Phase/Cost Code columns to [Select Bid Items] multi-select LOV in Bid Package (Buy Out tab).

Field Security can be applied to these two fields in Bid package. By default, they are set as 'HIDDEN" on the *ALL* role.

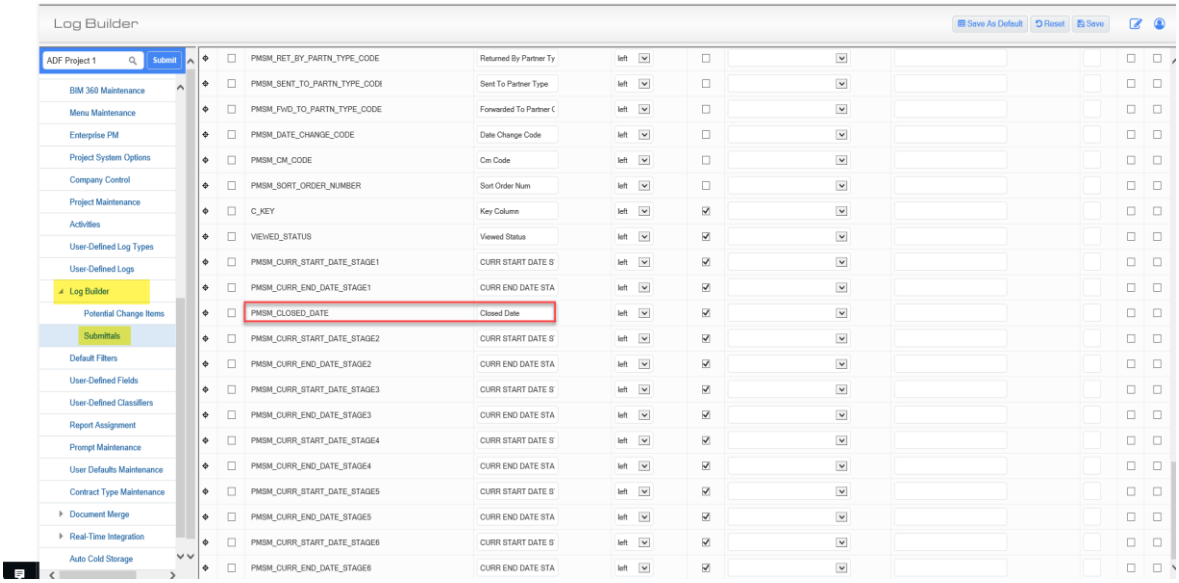
PCI Log – Created/Entered By (17.47373)



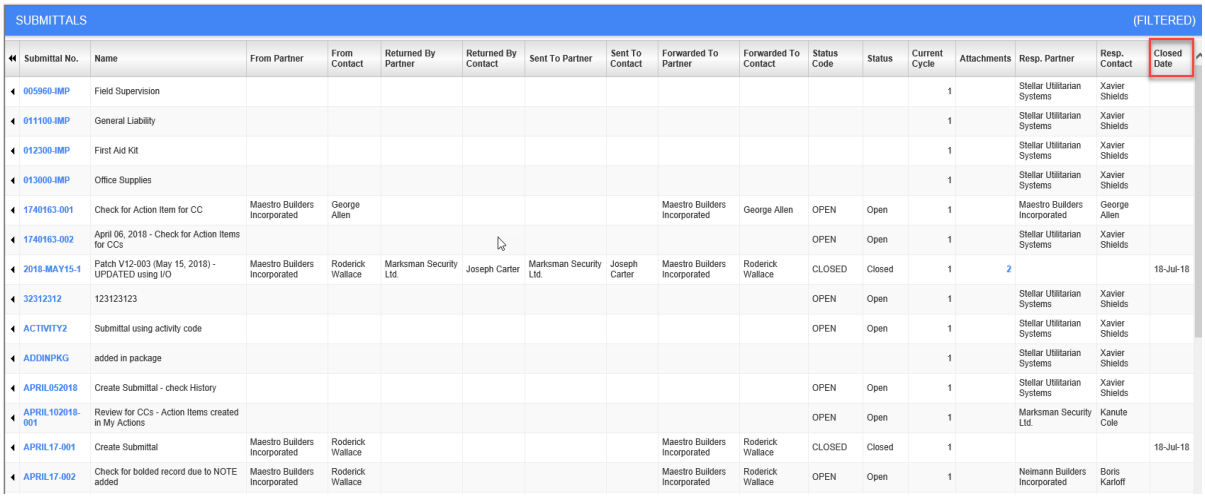
Added a column for Created by/Entered by in the PCI Log.



Submittal Log – Closed Date (18.51632)



Added a column for Closed Date in the Submittal Log.



Compliance Status Log – Changes (18.53444)

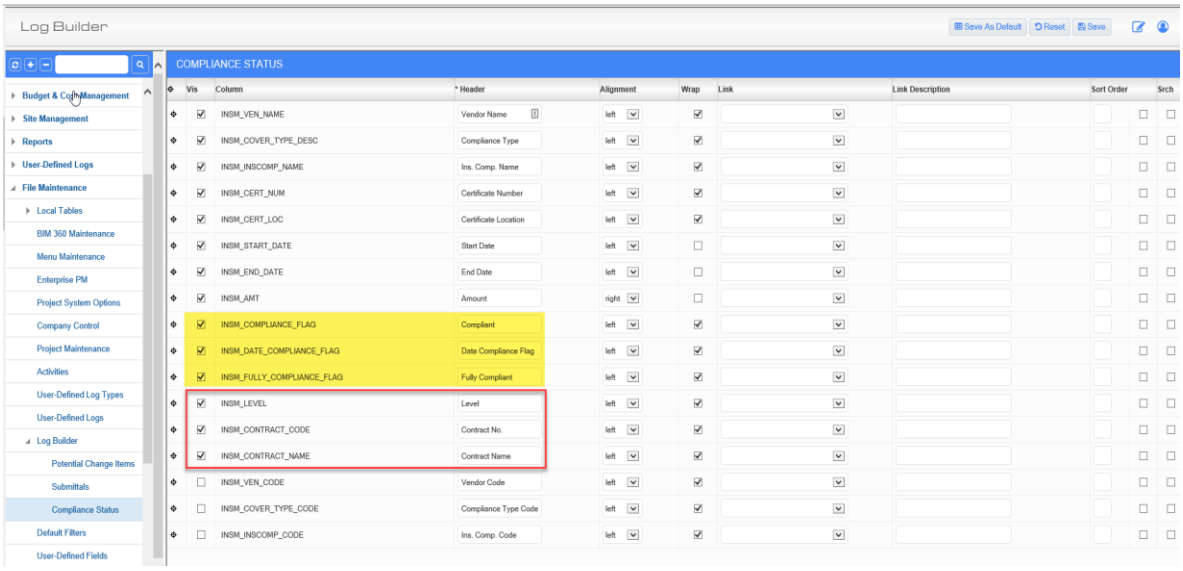
A) Modified the Compliance logic to redefine the Compliant column and added new two columns: Date Compliant and Fully Compliant to the Compliance Status Log. The value of these 3 columns are calculated by the following rules:

Column 1: Header: Compliant
If Compliant Checkbox from Vendor Compliance is **checked** and Date Complaint is **unchecked** = Y
If Compliant Checkbox from Vendor Compliance is **unchecked** and Date Complaint is **checked** = Y
If Compliant Checkbox from Vendor Compliance is **unchecked** and Date Complaint is **unchecked** = N
If Compliant Checkbox from Vendor Compliance is **checked** and Date Complaint is **checked** = Y

Column 2: (To the right of the Compliant Column on the side of the scrollbar) Header: Date Compliant
If Compliant Checkbox from Vendor Compliance is **checked** and Date Complaint is **unchecked** = N
If Compliant Checkbox from Vendor Compliance is **unchecked** and Date Complaint is **checked** = Y
If Compliant Checkbox from Vendor Compliance is **unchecked** and Date Complaint is **unchecked** = N
If Compliant Checkbox from Vendor Compliance is **checked** and Date Complaint is **checked** = Y

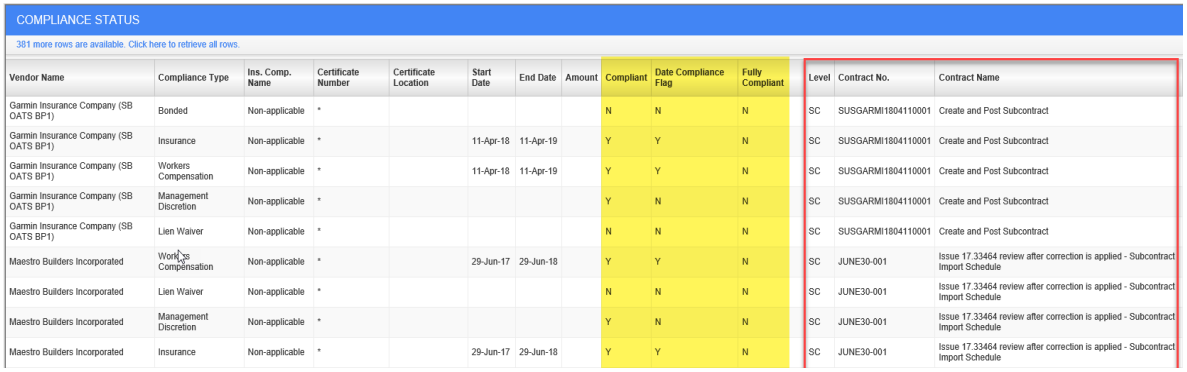
Column 3: (To the right of the Date Compliant Column on the side of the scrollbar) Header: Fully Compliant
If Compliant Checkbox from Vendor Compliance is **checked** and Date Complaint is **unchecked** = N
If Compliant Checkbox from Vendor Compliance is **unchecked** and Date Complaint is **checked** = N
If Compliant Checkbox from Vendor Compliance is **unchecked** and Date Complaint is **unchecked** = N
If Compliant Checkbox from Vendor Compliance is **checked** and Date Complaint is **checked** = Y

B)



Added three more columns to the Compliance Status Log:

- Level
- Contract No.
- Contract Name


COMPLIANCE STATUS

381 more rows are available. Click here to retrieve all rows.

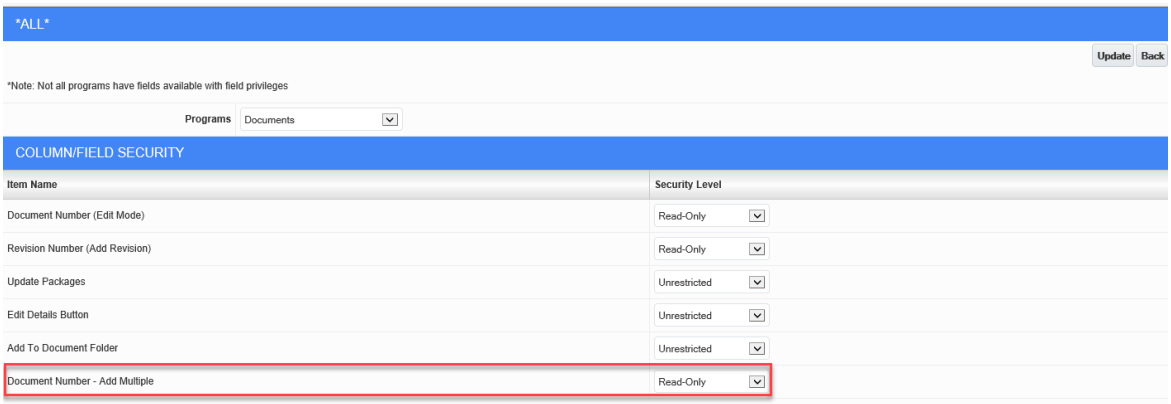
Vendor Name	Compliance Type	Ins. Comp. Name	Certificate Number	Certificate Location	Start Date	End Date	Amount	Compliant	Date Compliance Flag	Fully Compliant	Level	Contract No.	Contract Name
Garmin Insurance Company (SB OATS BP1)	Bonded	Non-applicable	*					N	N	N	SC	SUSGARMI1804110001	Create and Post Subcontract
Garmin Insurance Company (SB OATS BP1)	Insurance	Non-applicable	*		11-Apr-18	11-Apr-19		Y	Y	N	SC	SUSGARMI1804110001	Create and Post Subcontract
Garmin Insurance Company (SB OATS BP1)	Workers Compensation	Non-applicable	*		11-Apr-18	11-Apr-19		Y	Y	N	SC	SUSGARMI1804110001	Create and Post Subcontract
Garmin Insurance Company (SB OATS BP1)	Management Discretion	Non-applicable	*					Y	N	N	SC	SUSGARMI1804110001	Create and Post Subcontract
Garmin Insurance Company (SB OATS BP1)	Lien Waiver	Non-applicable	*					N	N	N	SC	SUSGARMI1804110001	Create and Post Subcontract
Maestro Builders Incorporated	Workers Compensation	Non-applicable	*		29-Jun-17	29-Jun-18		Y	Y	N	SC	JUNE30-001	Issue 17.33464 review after correction is applied - Subcontract Import Schedule
Maestro Builders Incorporated	Lien Waiver	Non-applicable	*					N	N	N	SC	JUNE30-001	Issue 17.33464 review after correction is applied - Subcontract Import Schedule
Maestro Builders Incorporated	Management Discretion	Non-applicable	*					Y	N	N	SC	JUNE30-001	Issue 17.33464 review after correction is applied - Subcontract Import Schedule
Maestro Builders Incorporated	Insurance	Non-applicable	*		29-Jun-17	29-Jun-18		Y	Y	N	SC	JUNE30-001	Issue 17.33464 review after correction is applied - Subcontract Import Schedule

Subcontract Change Order – Field Security for SOV Amount (18.55609)

Subcontract Change Orders - Added new field security parameter to the SOV Amount field in subcontract change orders. Field security can now be applied to this field and can be set as 'Unrestricted' or 'Read-only' or 'Hidden'.

Multiple Document Upload – Field Security for Document ID (17.42017)

Field security has been programmed for the Document Number during **Multiple Upload**. The default value is set to "Read-only" on the *ALL* security role, to preserve the previous standard functionality.


ALL

Update Back

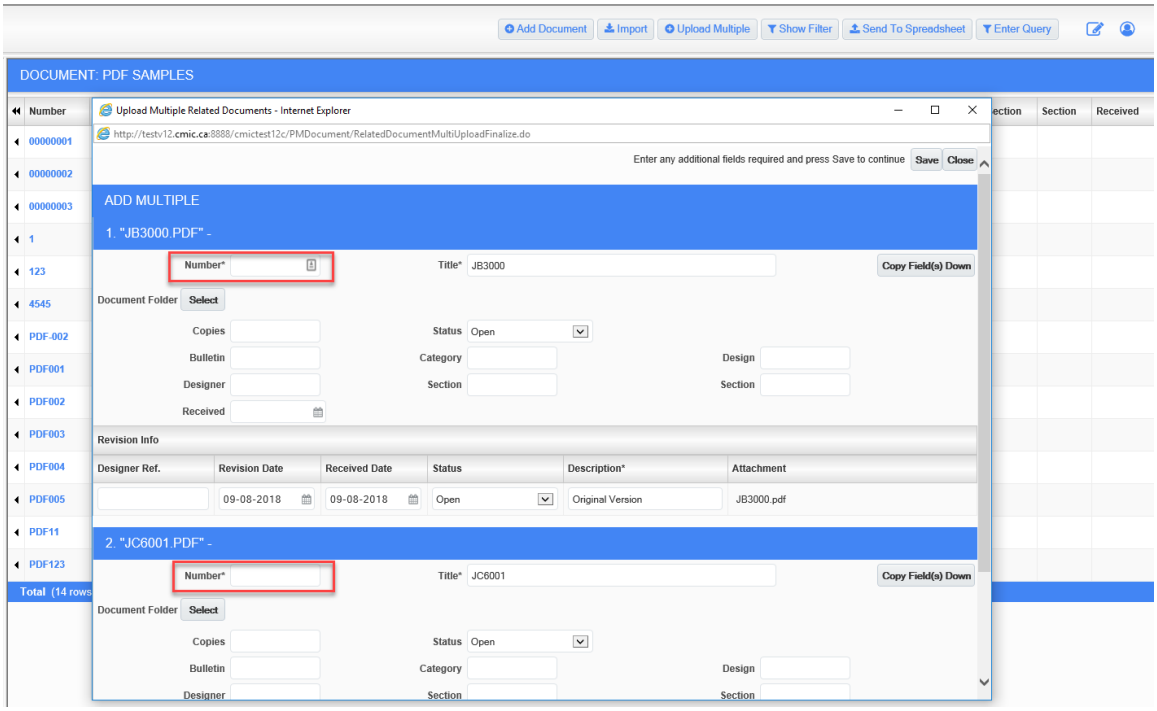
*Note: Not all programs have fields available with field privileges

Programs: Documents

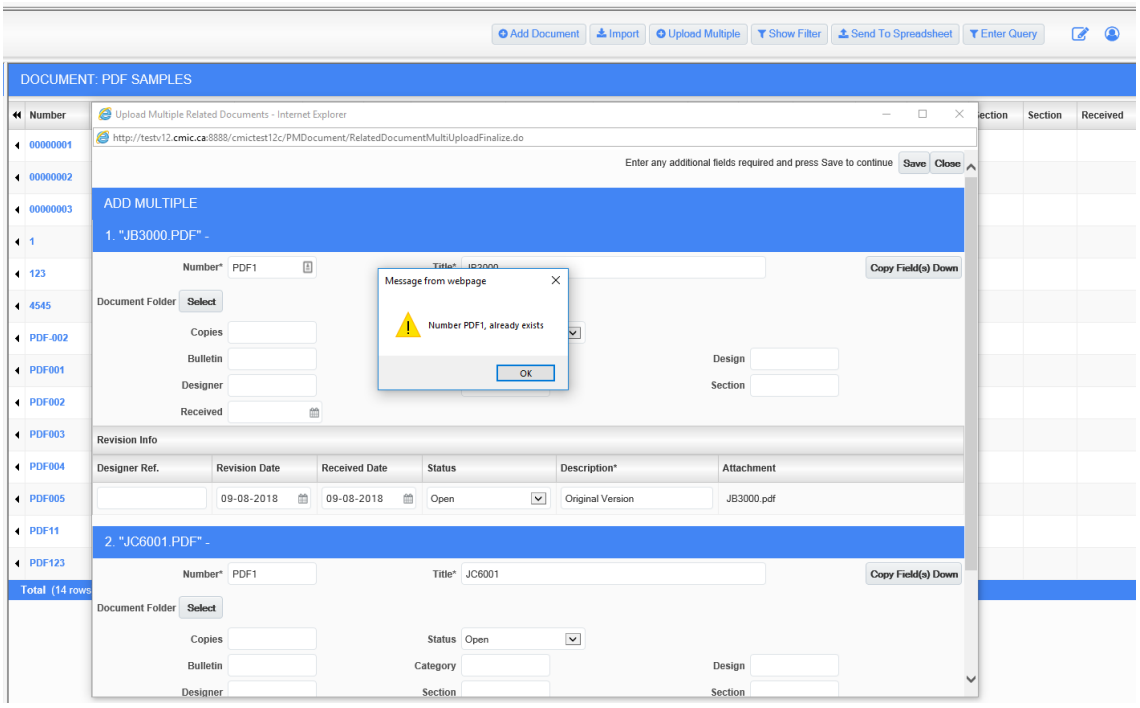
COLUMN/FIELD SECURITY

Item Name	Security Level
Document Number (Edit Mode)	Read-Only
Revision Number (Add Revision)	Read-Only
Update Packages	Unrestricted
Edit Details Button	Unrestricted
Add To Document Folder	Unrestricted
Document Number - Add Multiple	Read-Only

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.

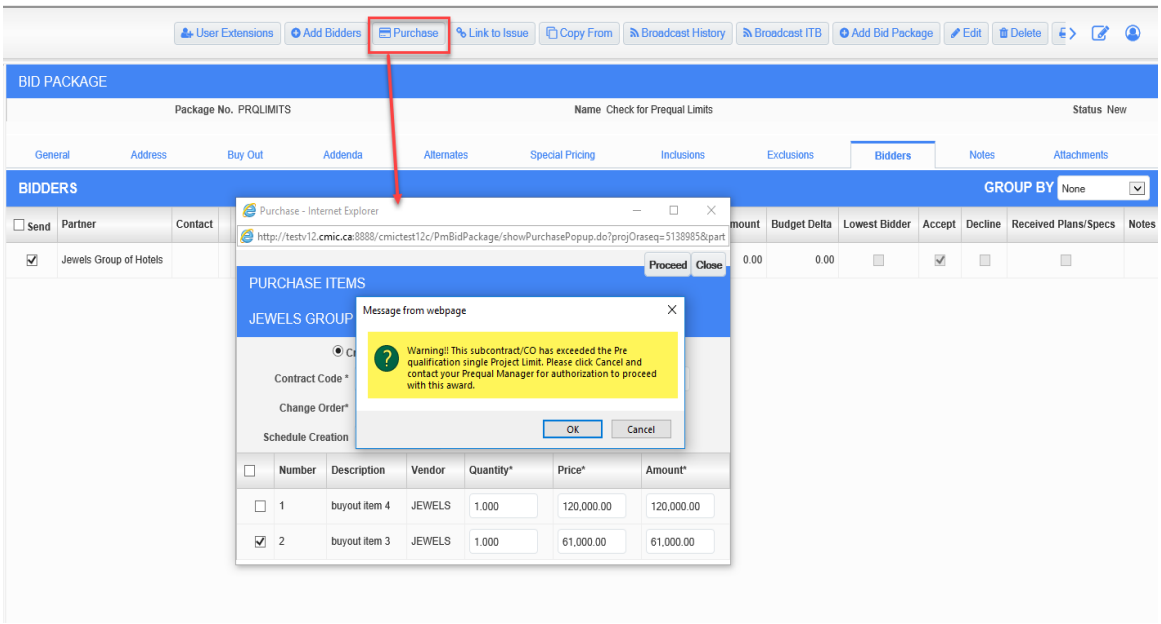


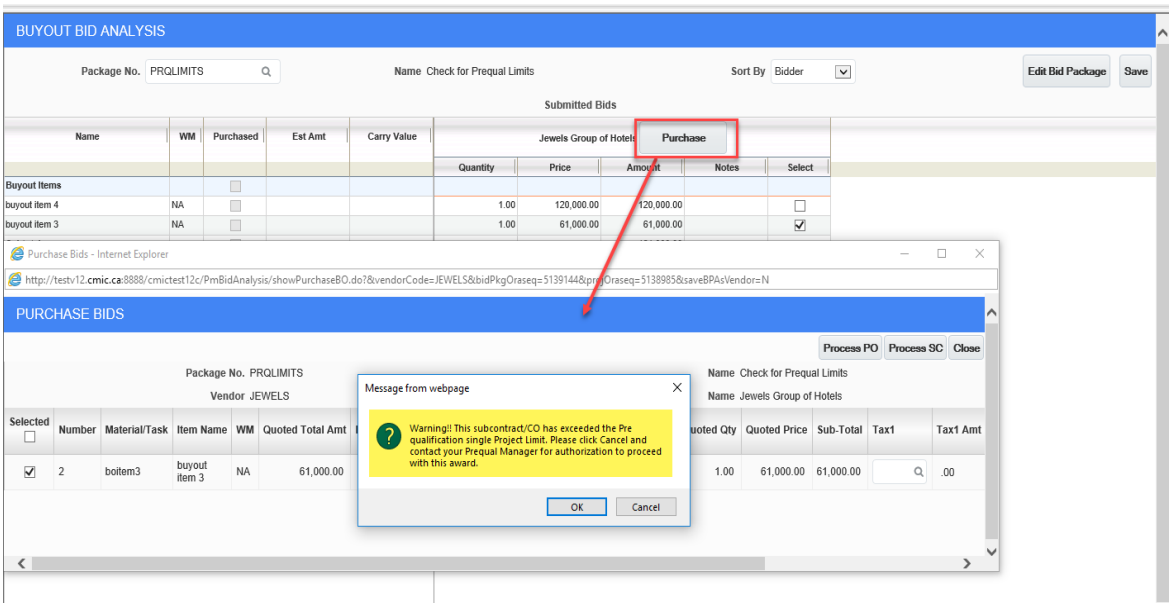
The program validates and ensures the Document IDs entered are unique:



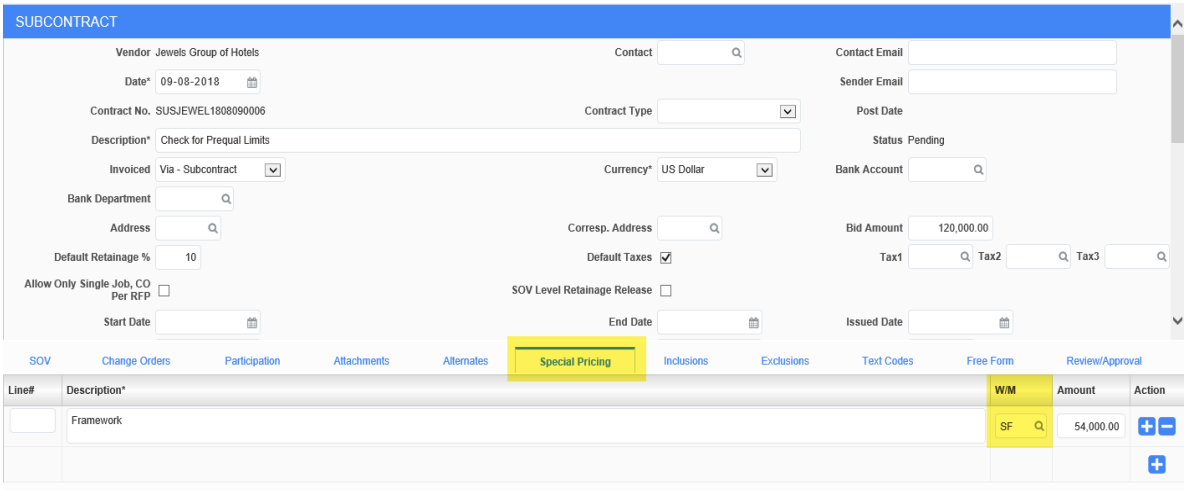
Prequal Limits validated in Bid Packages and Buy Out Analysis (18.50229)

Enhancements have been made to the “Purchase” action in both the Bid Packages and Analyze Bids (Buyouts) programs to incorporate validation of Subcontractor Prequalification limits.

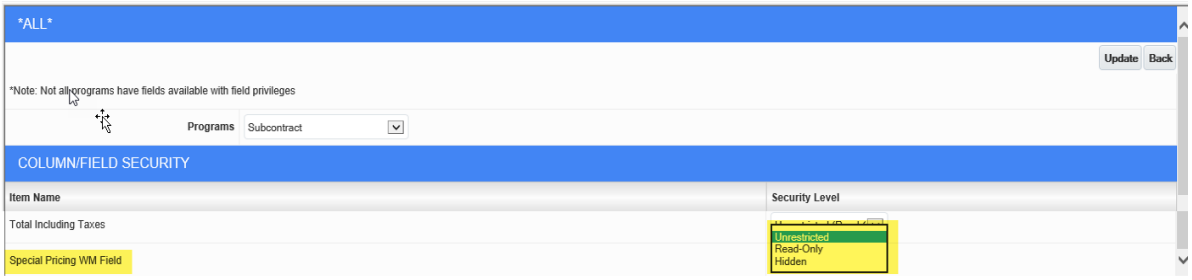

User Extensions
Add Bidders
Purchase
Link to Issue
Copy From
Broadcast History
Broadcast ITB
Add Bid Package
Edit
Delete
BID PACKAGE
Package No. PRQLIMITS
Name Check for Prequal Limits
Status New
General
Address
Buy Out
Addenda
Alternates
Special Pricing
Inclusions
Exclusions
Bidders
Notes
Attachments
BIDDERS
GROUP BY None
Send
Partner
Contact
Budget Delta
Lowest Bidder
Accept
Decline
Received Plans/Specs
Notes
Jewels Group of Hotels
0.00
0.00
Purchase - Internet Explorer
http://testv12.cmic.ca:8888/cmictest12c/PmBidPackage/showPurchasePopup.do?projOraseq=5138985&part
Proceed
Close
PURCHASE ITEMS
JEWELS GROUP
Message from webpage
Warning!! This subcontract/CO has exceeded the Pre qualification single Project Limit. Please click Cancel and contact your Prequal Manager for authorization to proceed with this award.
OK
Cancel
Contract Code *
Change Order*
Schedule Creation
Number
Description
Vendor
Quantity*
Price*
Amount*
1
buyout item 4
JEWELS
1.000
120,000.00
120,000.00
2
buyout item 3
JEWELS
1.000
61,000.00
61,000.00


BUYOUT BID ANALYSIS
Package No. PRQLIMITS
Name Check for Prequal Limits
Sort By Bidder
Edit Bid Package
Save
Submitted Bids
Name
WM
Purchased
Est Amt
Carry Value
Jewels Group of Hotels
Purchase
Quantity
Price
Amount
Notes
Select
Buyout Items
buyout item 4
NA
1.00
120,000.00
120,000.00
buyout item 3
NA
1.00
61,000.00
61,000.00
Purchase Bids - Internet Explorer
http://testv12.cmic.ca:8888/cmictest12c/PmBidAnalysis/showPurchaseBO.do?&vendorCode=JEWELS&bidPkgOraseq=5139144&projOraseq=5138985&saveBPAsVendor=N
PURCHASE BIDS
Process PO
Process SC
Close
Package No. PRQLIMITS
Vendor JEWELS
Name Check for Prequal Limits
Name Jewels Group of Hotels
Message from webpage
Warning!! This subcontract/CO has exceeded the Pre qualification single Project Limit. Please click Cancel and contact your Prequal Manager for authorization to proceed with this award.
OK
Cancel
Selected
Number
Material/Task
Item Name
WM
Quoted Total Amt
Quoted Qty
Quoted Price
Sub-Total
Tax1
Tax1 Amt
2
boitem3
buyout item 3
NA
61,000.00
1.00
61,000.00
61,000.00
.00

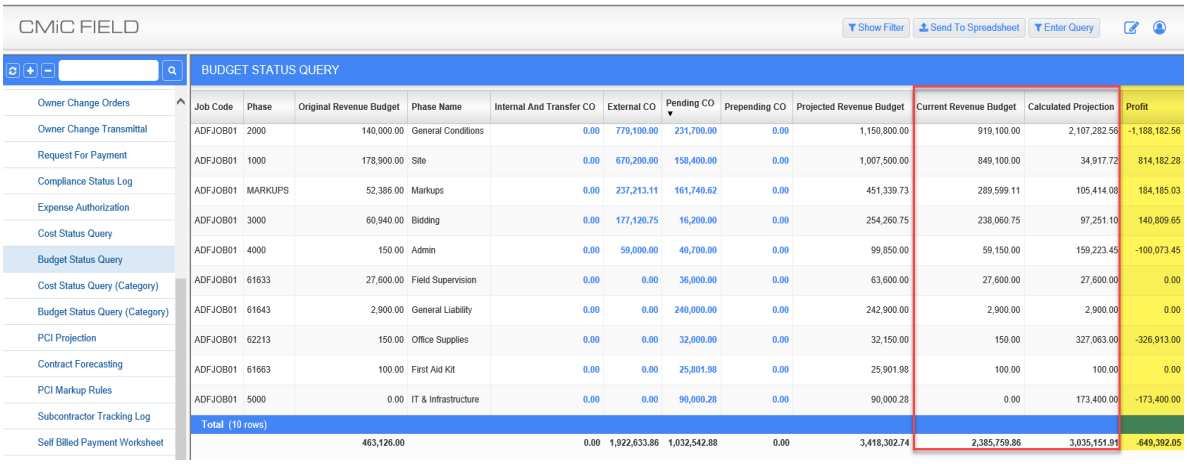
Subcontract Entry – WM field in Special Pricing tab (18.58259)



Modifications have been to show the WM field in the Special Pricing tab and control it with field security. The Possible field security settings are Unrestricted, Read-only or Hidden.



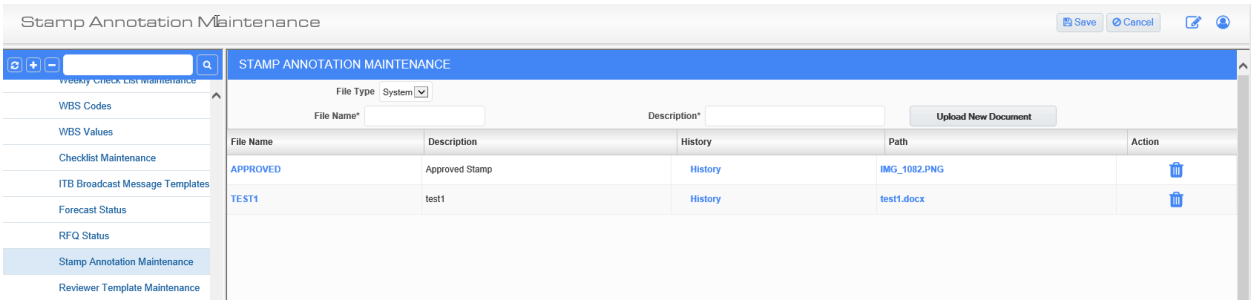
Budget Status Query – Profit column (18.57400)



The **PROFIT** column has been added to the Budget Status Query.

This field is calculated as the **difference between the 'Current Revenue Budget' and the 'Calculated Projection'** columns.

Uploading Stamp Annotations (18.53332)



CMiC has added a table and related UI (PM JSP page) for Uploading Stamp Annotations to PSPDF.

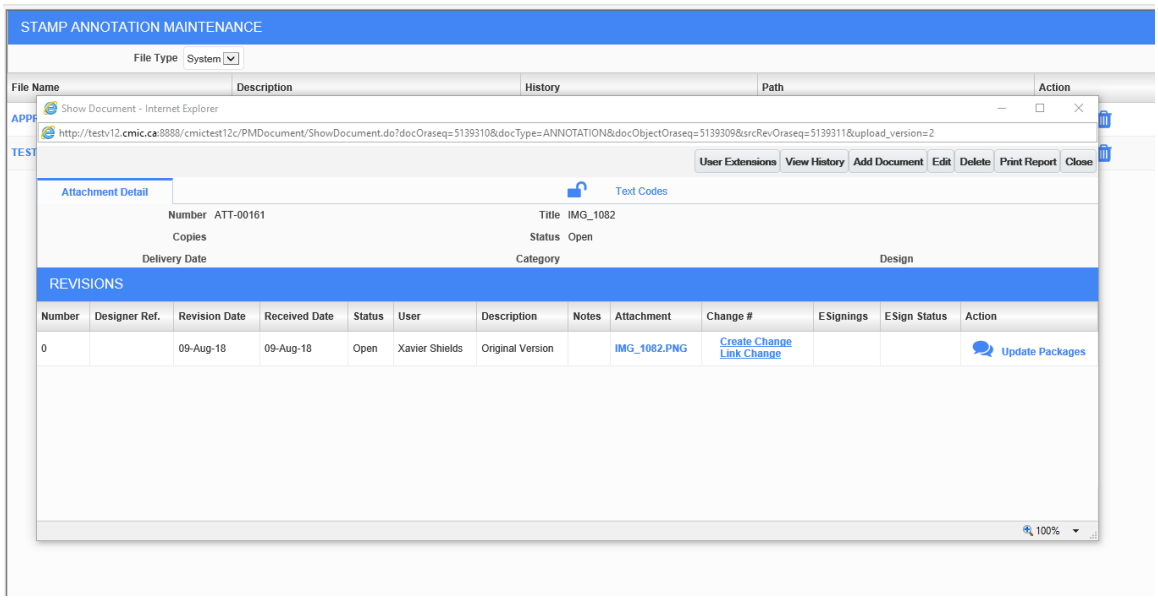
The table will store the records when the data is entered via the JSP UI that will allow users to upload PDF, JPEG and PNG files to be used as stamps within PSPDF. PSPDF is a PDF viewer CMiC uses in CMiC Field.

The program is found in the **File Maintenance** node of the PM JSP tree-view.

File Types to be uploaded can be System or Project level.

[**Upload New Document]** which is available in Add mode, will open up the Add Document screen to allow selection of the Document Type and the document to be uploaded.

The **History** link will display the Document Revisions screen:

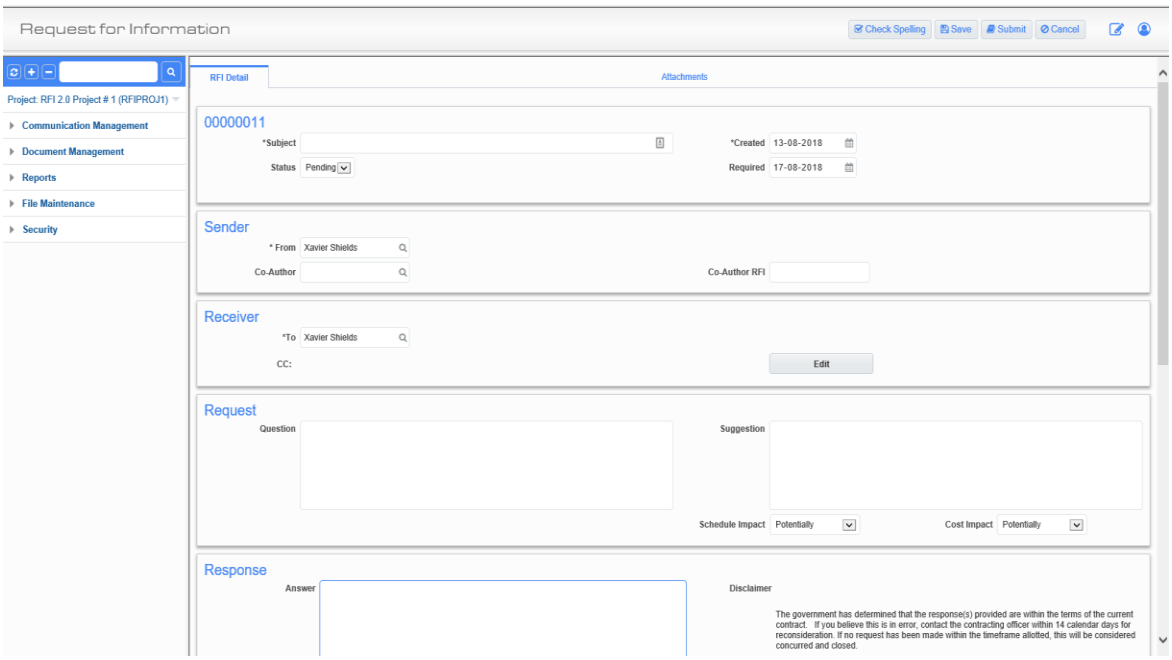


RFI Entry – Enhancements (18.54300)

NOTE: These enhancements are only available through a PM System Options flag which is currently activated at the database level.

Highlights

- The RFI Entry screen has been enhanced to display the data as '**field sets**' whereby all related data fields are kept together as a *set of fields* as shown below:



- A **Reviewers** section has been added to facilitate the process flow of information from additional contacts pertinent to the current RFI process stream.

  When a project contact is added to the Reviewers table, an action item is created for that RFI and assigned to the project contact. The creation of action items is dependent on the **Project Systems Options flag for creating Action Items for RFIs** being set, as well as the process stream must follow the in Sequence and Required flags outlined in the reviewer table. For example:

Reviewer	Required	Sequence	Due Date	Action Date
SB	Y	Y	May 1st	
TY	Y	Y	May 5th	
CA	Y		May 1st	
BT	Y			
ZH				

  There are 2 in-sequence reviewers (SB and TY)

  An action item will be created for the RFI and assigned to SB with a due date of May 1st.

  No action item is created for TY until SB has completed review.

  When an action date is populated on SB's row – the action item for TY will be created with a due date of May 5th

  CA is a required reviewer with a due date – but not in sequence. This means an action item can be created for CA right away with a due date of May 1st

  BT is a required reviewer with no due date. An action item will be created for this RFI and assigned to BT but with no due date.

ZH is not required so no action item is created for this reviewer.

- The **Notes** section has been enhanced to provide a conversation-type area where contacts can reply to someone's note and even add a relevant document attachment
- **Security privileges and project role privileges** have been introduced to control which users will have access to Add Reviewers, make Notes Public or Maintain Reviewer Templates.

PCI Entry – Projected Amount Calc. Method Added (18.58215)

CMiC has added the 'Projected Amount Calc. Method' to the PCI Entry screen. This field was missing from the screen, even though it was present in ADF and FORMS. When the 'Update Projected Amount ' flag' is checked, it allows the user to select a method from the drop-down box: Add Change Budget Amount (A) or Recalculate Projected Amount (R).

Field security for 'Update Projected Amount During Posting' can be applied if desired.

ITB Broadcast of Multiple Bid Packages (18.51000)

CMiC has created a new JSP program which lists all the Bid Packages available for the current project with the ability to select/deselect all bidders and bid packages or individually, for ITB broadcasting.

The only editable field on the screen is the 'Select' checkbox. Contacts without an e-mail address will not be included in the list.

On clicking the [Send ITB] button, the program will let the user select the message template before sending the broadcast.

A Broadcast History pop-up screen similar to that within Bid Packages has also been provided.

Overview:

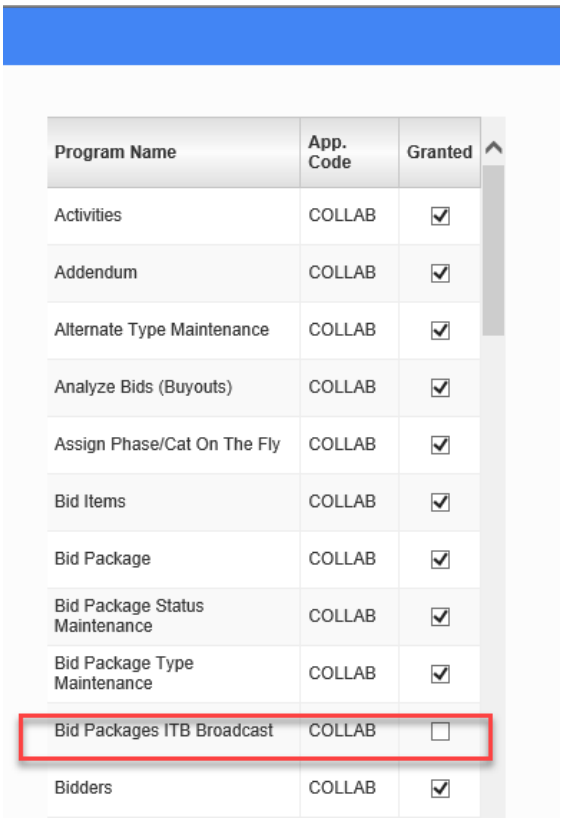
The aim of this enhancement is to have a separate program where multiple Bid Packages and bidders from the current project can be selected for ITB Broadcast at once, rather than having to go into each bid package individually and then broadcast the ITB.

The changes for this enhancement include the following:

SETUP

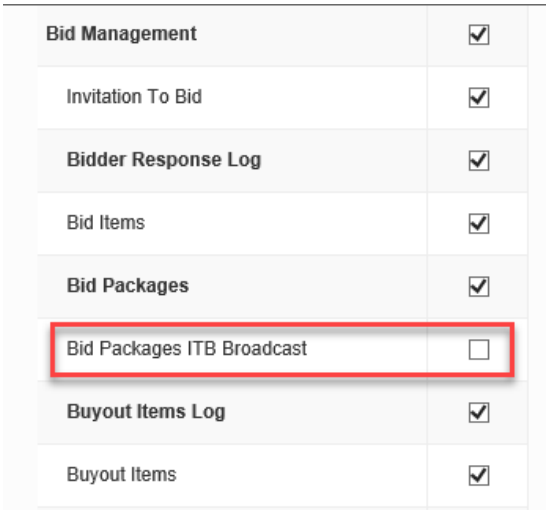
Assign the new program "Bid Packages ITB Broadcast" to the Project Management security role of the user(s):

Security > Assign Programs



Program Name	App. Code	Granted
Activities	COLLAB	☑
Addendum	COLLAB	☑
Alternate Type Maintenance	COLLAB	☑
Analyze Bids (Buyouts)	COLLAB	☑
Assign Phase/Cat On The Fly	COLLAB	☑
Bid Items	COLLAB	☑
Bid Package	COLLAB	☑
Bid Package Status Maintenance	COLLAB	☑
Bid Package Type Maintenance	COLLAB	☑
Bid Packages ITB Broadcast	COLLAB	☐
Bidders	COLLAB	☑

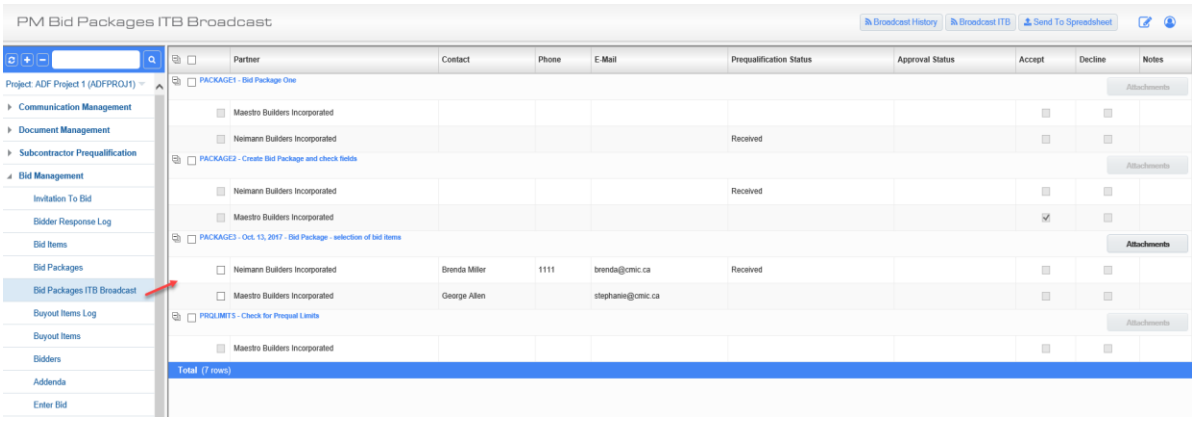
Security > Assign Menu Items



Bid Management	☑
Invitation To Bid	☑
Bidder Response Log	☑
Bid Items	☑
Bid Packages	☑
Bid Packages ITB Broadcast	☐
Buyout Items Log	☑
Buyout Items	☑

Make sure to adjust any custom PM JSP tree-view that needs to show this new program, using the Menu Maintenance screen.

Once the program is assigned to the user it will display as shown below:



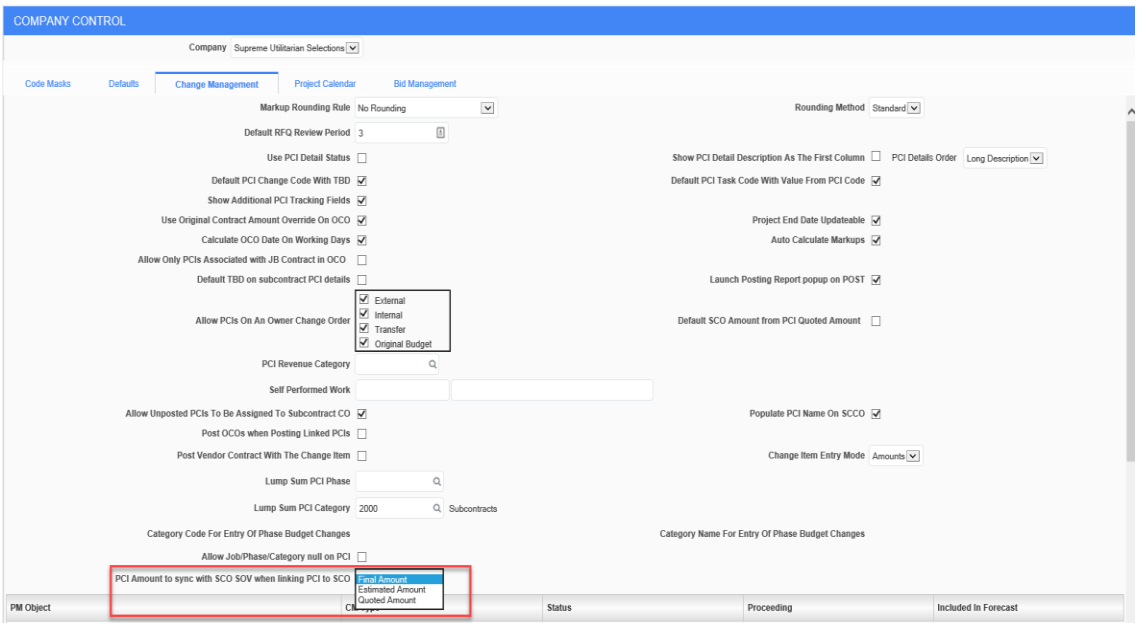
Program Highlights:

- All Bid Packages with bidders for the current project are listed.
- [Broadcast History], [Broadcast ITB], [Send to Spreadsheet] buttons are available.
- Collapse (-)/Expand (+) icons are introduced to have a cleaner view when there is a large number of bidders.
- Bidders are grouped by Bid Package, and the checkbox beside the bidder's name is greyed out when the contact's email is not available. Any bidder without an email address cannot be selected for broadcast.
- Bid Package hyperlink is available to allow drill-down (to get Bid Package details)
- Accept and Decline checkboxes are display-only (values will be shown after bidders respond):
- An [Attachments] button is located to the right side of a row and when clicked, displays a popup window with all available attachments. **The attachment selection for each bid package should be done before launching ITB broadcast**.
- ITB Broadcast user experience is improved by introducing a spin wheel to indicate that the broadcast is in progress
- Broadcast History is shown in the history popup

Syncing SC/SCCO Amount with PCI Estimated/Quoted/Final Amount (18.49521)

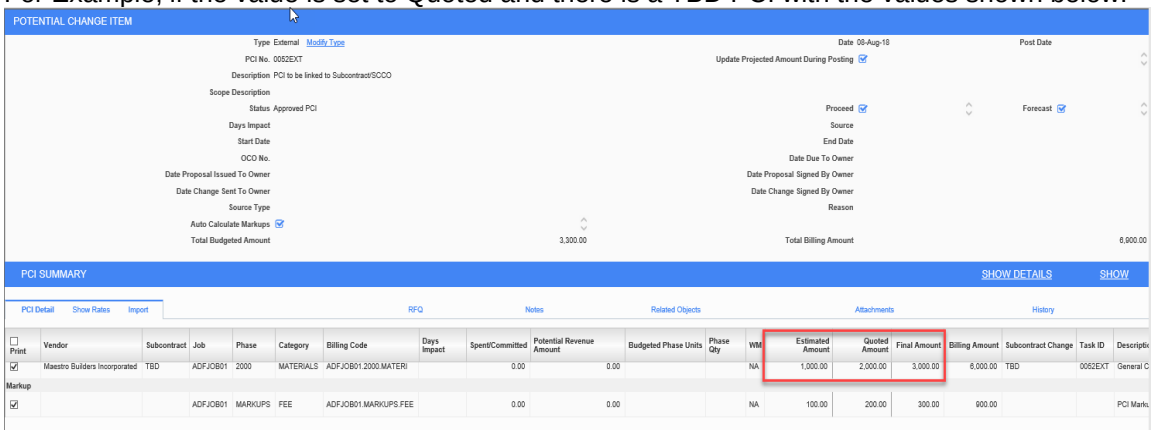
The following changes have been made to allow synchronization of the Subcontract/Subcontract Change Order SOV Amount with the PCI Estimated/Quoted/Final Amount when a PCI Detail line (TBD) is linked to a subcontract/subcontract change order SOV line.

a) Introduction of the Company Control – Change Management drop-down to select which PCI Amount is to be used, whether Estimated, Quoted or Final Amount:

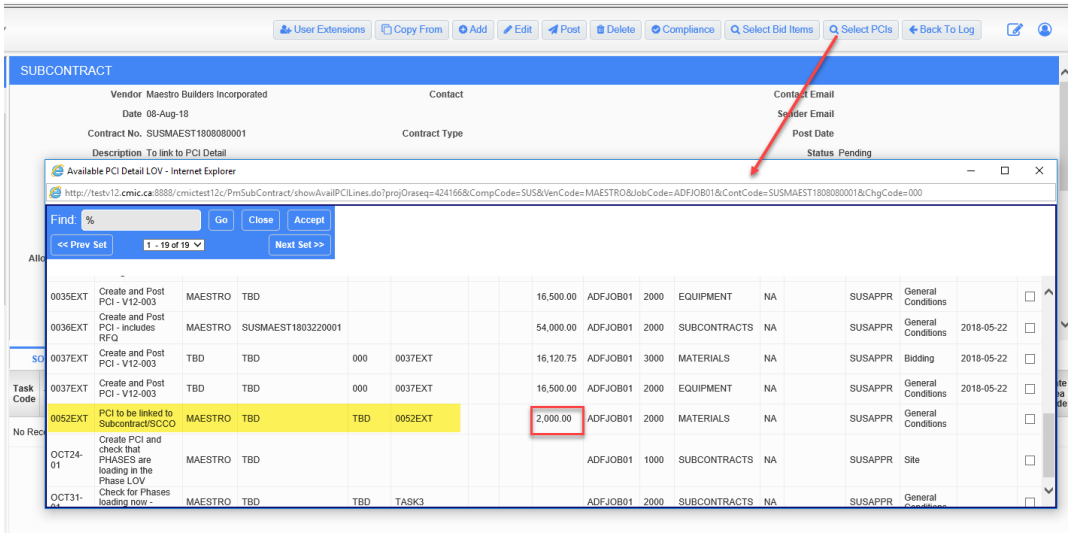


This drop-down display is controlled by field security in the Project Control program, and the field name is "**Sync chosen PCI final, quoted or estimated amount with SCO SOV**". The default value is set as HIDDEN. Other possible values are UNRESTRICTED or READ-ONLY.

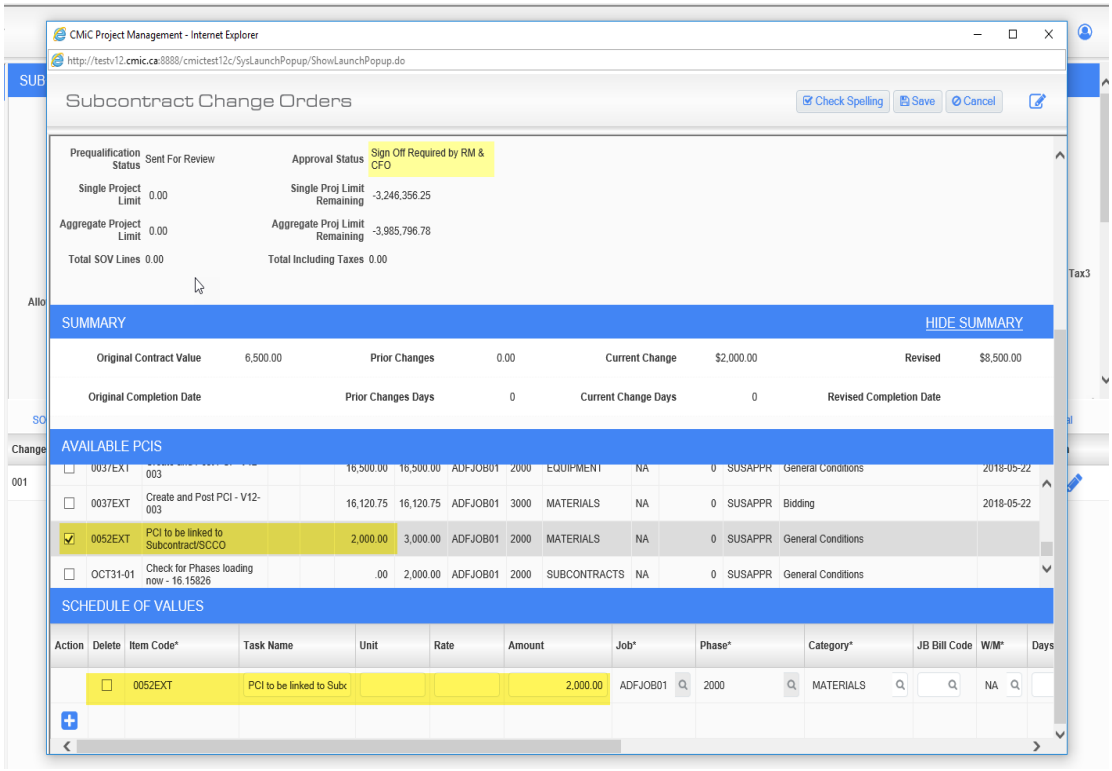
For Example, if the value is set to Quoted and there is a TBD PCI with the values shown below:



When pulling this PCI detail into a subcontract or subcontract change order, it is the Quoted Amount which will be used to update the SOV Amount:



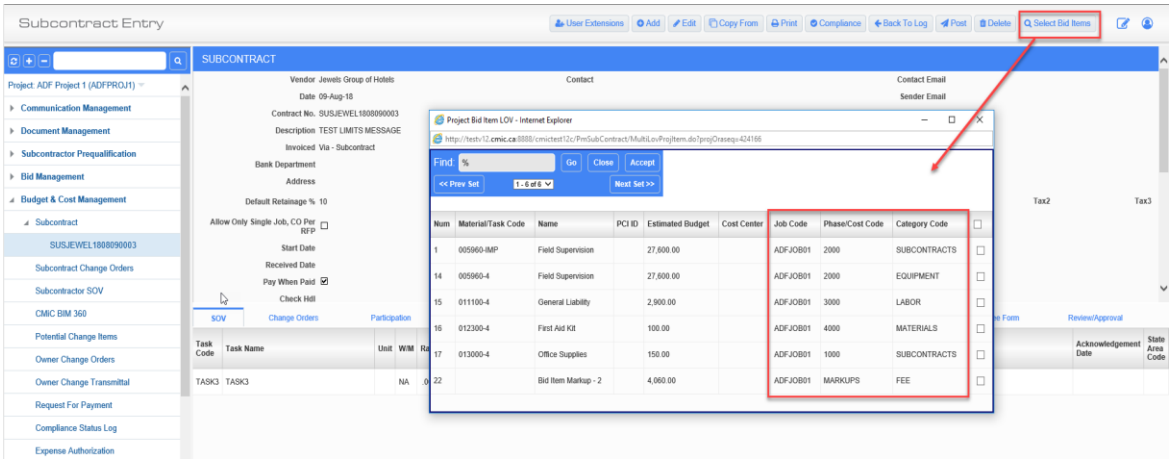
(Subcontract)



(Subcontract Change Order)

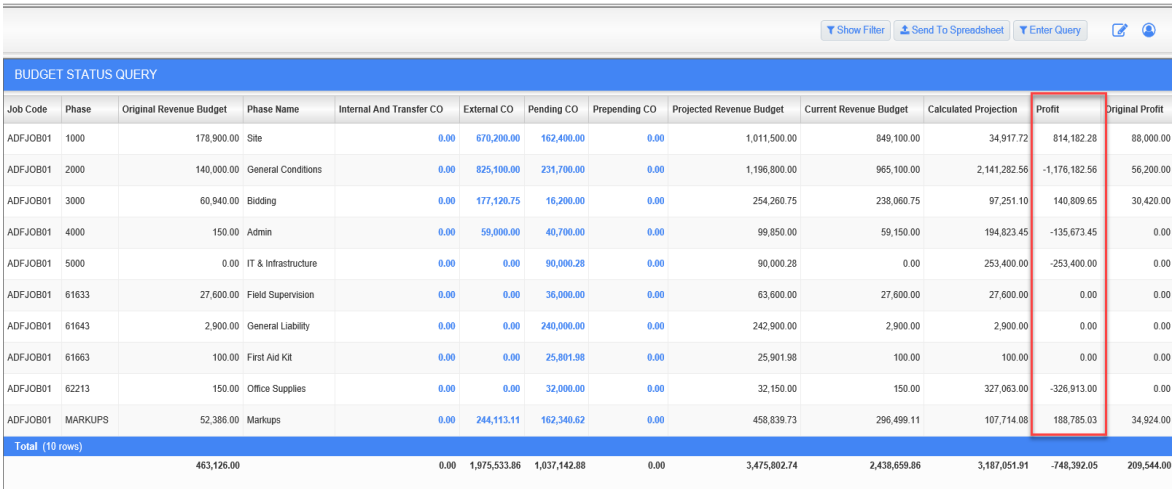
NOTE: Issue 16.14940 deals with the display of the Quoted Amount in the SCCO screen and currently the field security is set to 'not visible'. The field security for this field will need to be set to visible in order to use the value of the Quoted Amount field.

SC/SCCO – Bid Items LOV has Job/Phase/Category (18.59765)



The Bid Items LOV in subcontracts and subcontract change orders has been modified to include Job, Phase, Category.

Budget Status Query – Profit Column added (18.57400)



Budget Status Query - Added 'Profit' column to the query screen, and calculated as:

Profit = [Current Revenue Budget] - [Calculated Projection].

The same column is available for the Cost Status Query as well.

Enhanced ITB Broadcast Message Templates (18.49545)

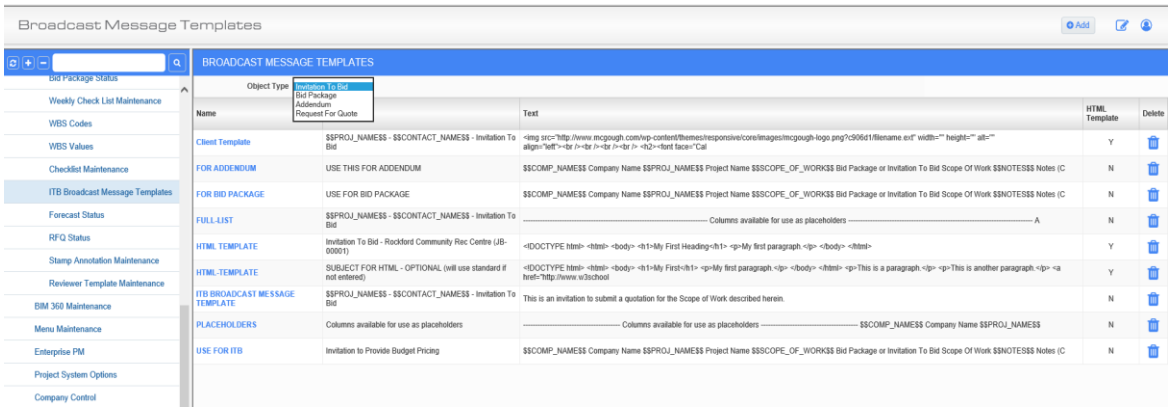
The ITB Broadcast Message Templates screen has been enhanced to allow the user to define separate templates for:

Invitation to Bid

Bid Package

Addendum

Request for Quotation (PCI).



Budget Status Query – Posted Billed to DateTitle (18.51105)

CMiC has added a new field "Posted Billed To Date" to "Budget Status Query" and "Budget Status Query (Category)" in JSP. The new field "Posted Billed To Date" will include only posted invoices to date and will be the billed amount by Phase or by Phase Category depending on which query is executed.

PCI Markup Rules Based on PCI Type (18.59093)

Added functionality to facilitate the definition of PCI Markup Rules based on PCI Type.

Contract Forecast – Spent/Committed Total Drilldown (18.59370)

Contract Forecast - disabled drilldown on the Spent/Committed Total column in case of field security is read-only.

BI Role Code Link to JSP and Forms (18.59694)

Security Role Maintenance - Added a new LOV field for BI Role Code to link JSP roles and Forms Roles.; Added a new LOV action for Forms Roles.

PCI Entry – Summary by Subjob (18.59750)

PCI Entry - Added an allocation subtotal summary by sub-job within PCI summary screen.

Printing Reports – Include After Report (18.61390)

Added back the option during print multiple for "include after report", which is the new process or the original where attachments are embedded inside the report and modified to fit the report page layout.

Drawing Management - PSPDF Viewer Updates (18.65721)

The following modifications have been made:

1) Upgraded PSPDF from 2018.4.2 to 2018.5.1.
2) Used icons for buttons Create Revision and Toggle Attachments in CMiC/PSPDF Web Viewer.

Drawing Management – Annotations as Related Objects for Punch List Items (18.55428)

CMiC has added support for Related Objects to be associated with Punch List Items via annotations from Drawing Management (currently for Mobile).

Submittals 2.0 Enhancements (18.60353)

A number of enhancements have been made to the Submittals program as part of the on-going 2.0 development:

a) updated user-interface (using HTML5)

b) introduction of Reviewers that can be added directly, added from a Distribution List or added from a Reviewer Template, similar to the enhanced RFI 2.0

c) integration with Action Items creation, for current Reviewer – viewed in My Actions page

d) Submittal Approver default for TO field

e) addition of Received Date, Submitted Date and Responded Date for the Submittal

f) mandatory Required Finish Date

g) update of document history on updating document

h) Complete Review functionality with update of Action Date

i) added document security and PM Role privilege to Hide Reviewer Section

j) addition of Submittal Note Statuses

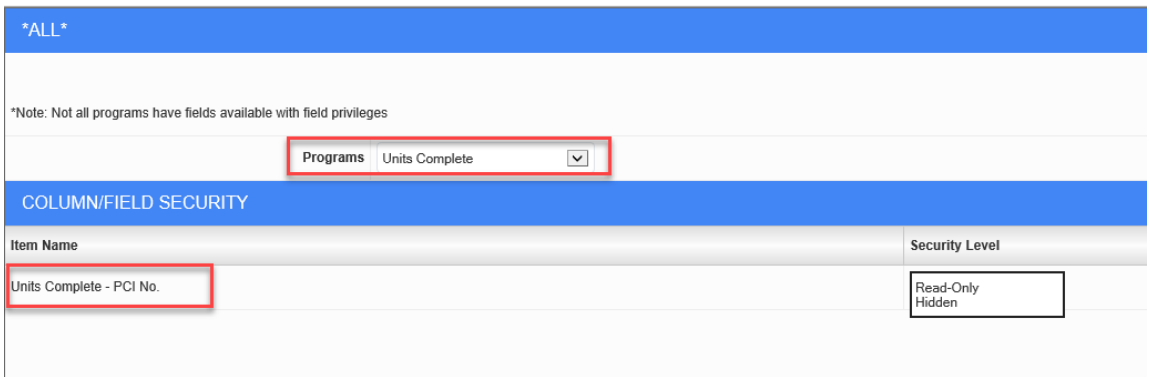
k) ability to collapse/expand replies (Notes)

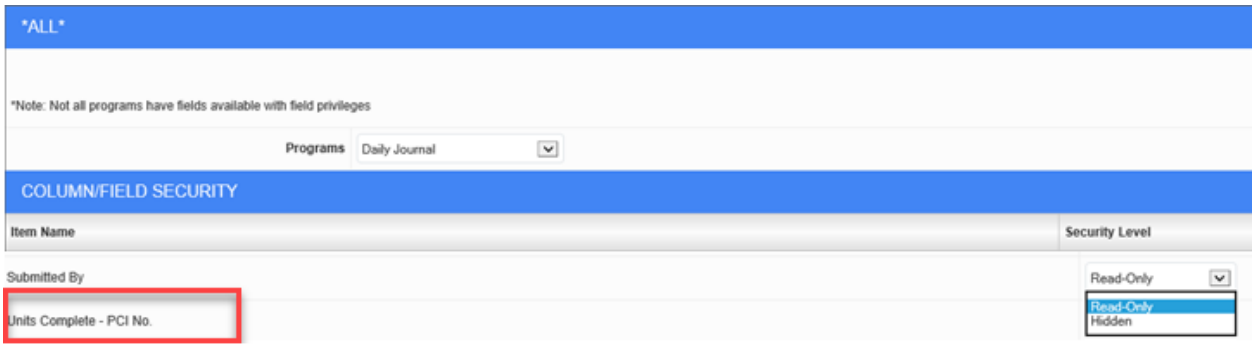
l) denoting Notes as Public/Private and applying associated PM role privilege to make them Public/Private

m) added field security for Submittal Notes tab.

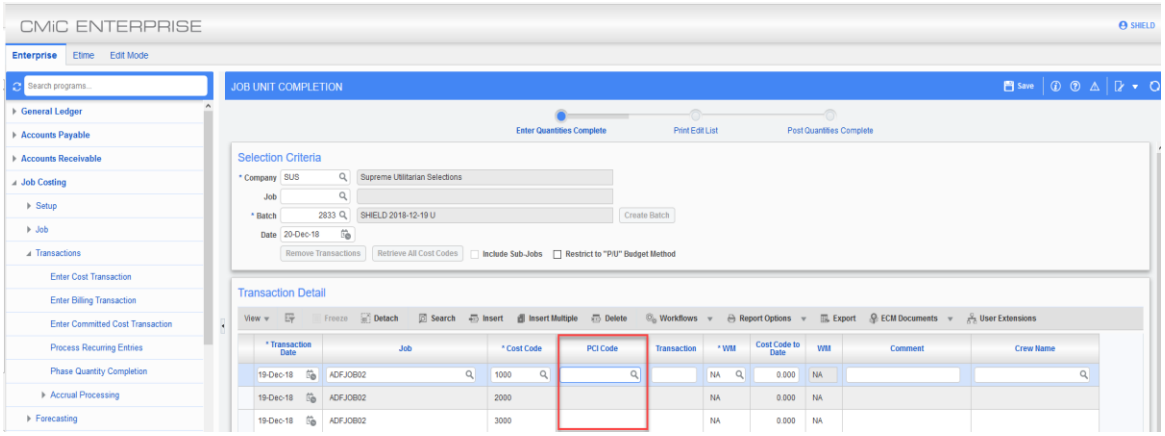
PCI Code added to Units Complete with Field Security (18.51734)

The PCI Code has been added to the PM Daily Journal/Units Complete and PM Units Complete programs. Field security can be applied to this field if desired. By default the field is Read-only on the *ALL* security role for both the Daily Journal and Units Complete programs.





The PCI Code value will come over from the ADF input:

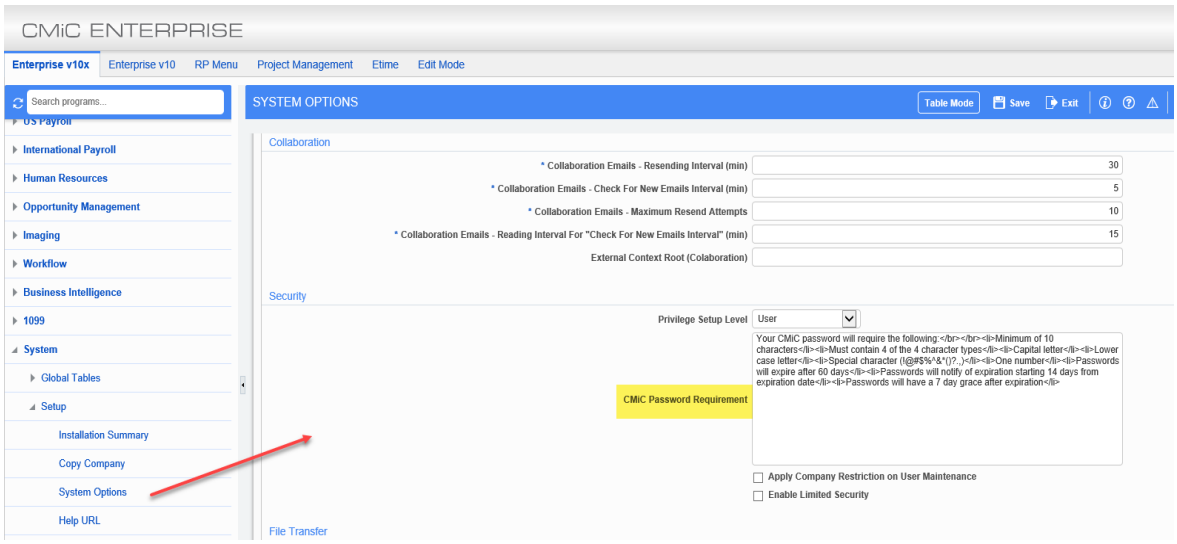


Field Security for RFI History tab (18.56963)

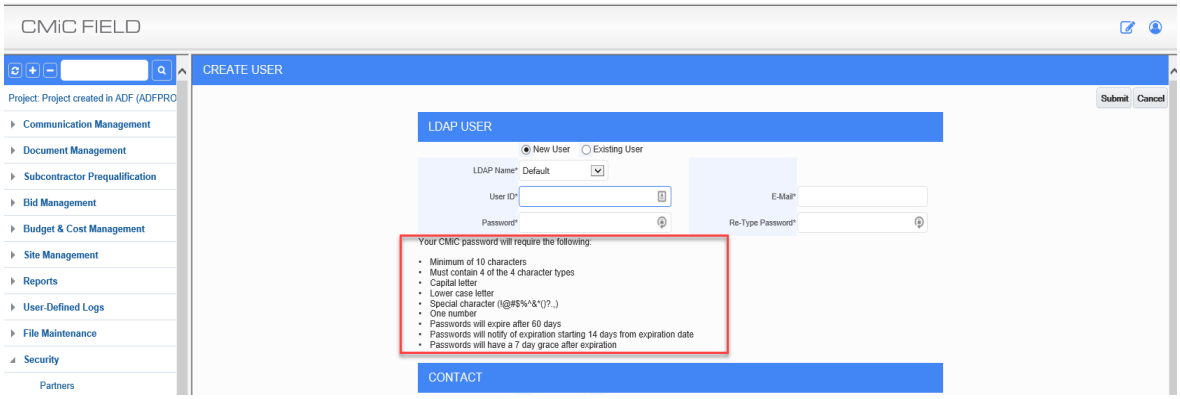
Field security can now be applied to the RFI **History** tab. Possible setting is Unrestricted or Hidden.

User Password Rules (18.53381)

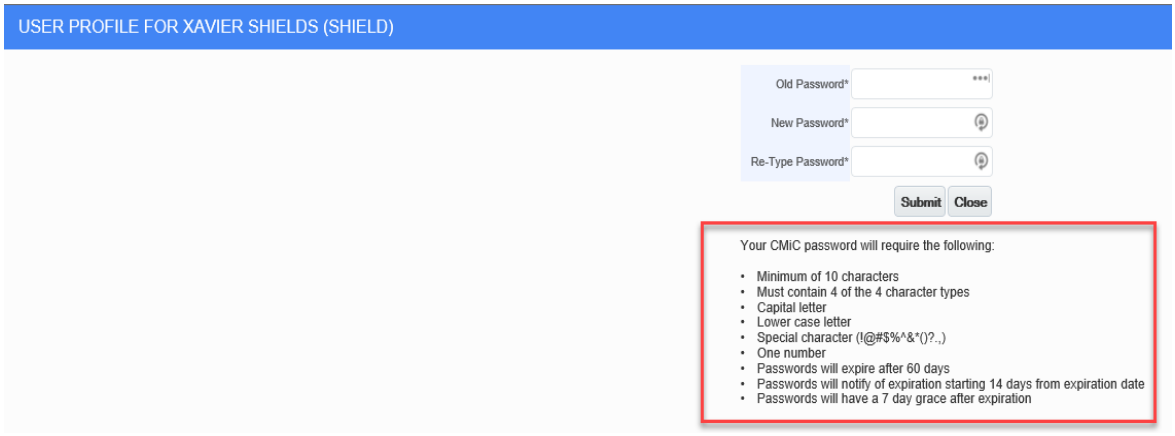
First introduced in V12-004 for User Maintenance, the password rules have been added to the User Profile program as well. The wording of the text is set up in the ADF Systems Options screen as shown below:



User Maintenance:

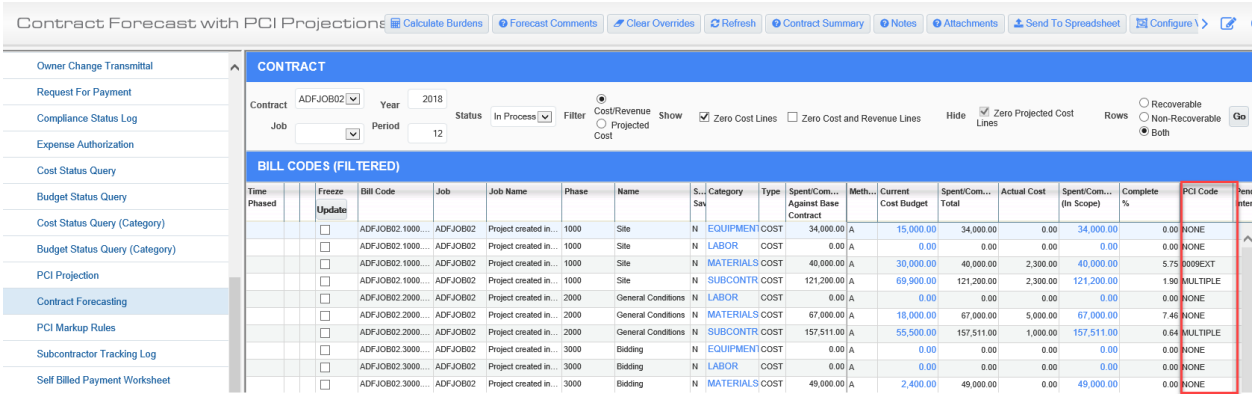


User Profile:



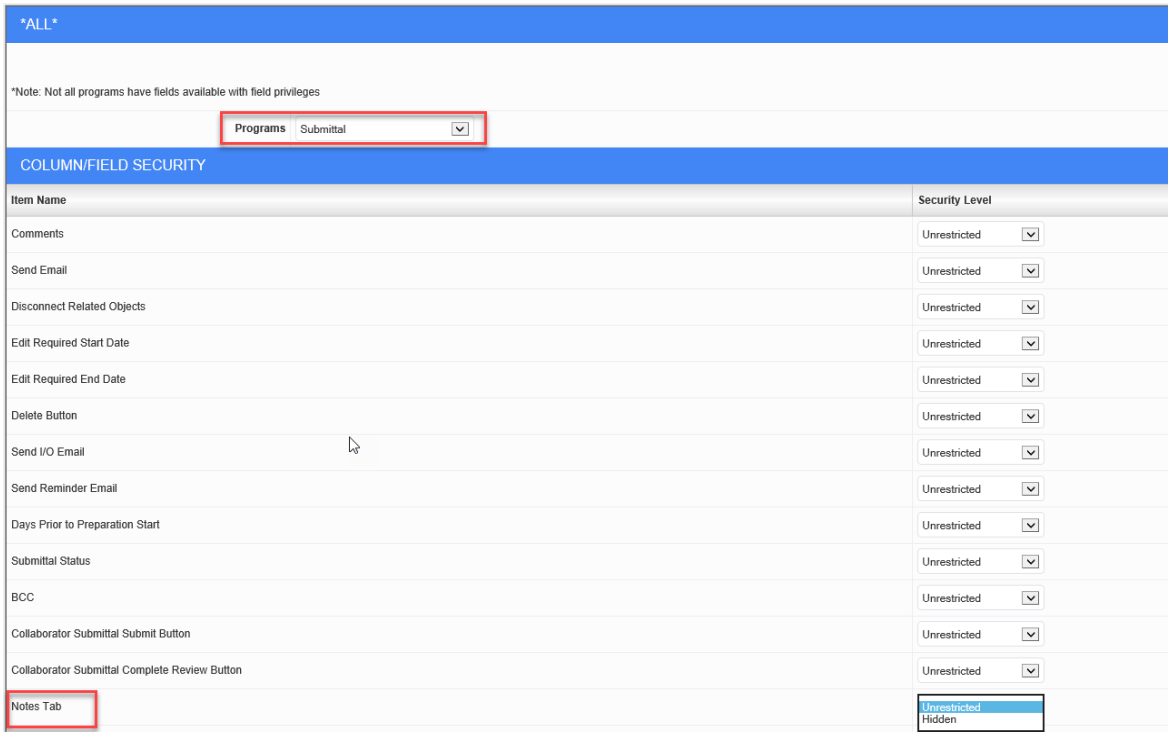
Contract Forecast – PCI Code added (18.48189)

CMiC has added the PCI code column in the Contract Forecast with PCI Projections grid. The PCI code column shows the associated PCI code for the record. If there are multiple PCIs for one record, the word “MULTIPLE’ is displayed in the cell. If there is no PCI for this record, “NONE” is displayed:



The tooltip for any PCI displayed will be the header Description of the PCI.

Field Security – Submittal Notes tab (18.60353)



CMiC has added field security for the Submittal Notes tab. Possible setting is Unrestricted or Hidden.

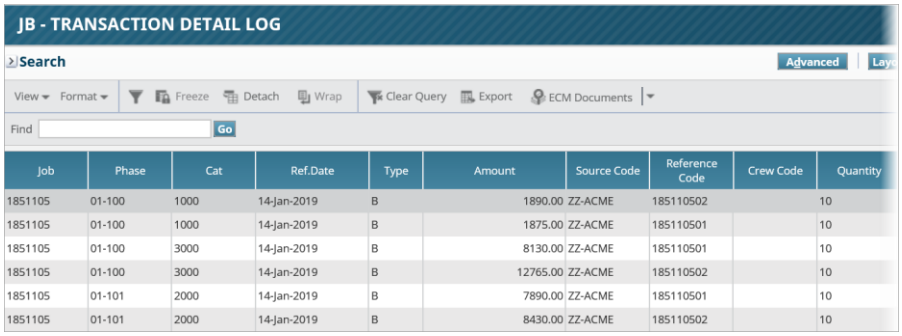
Added "Posted Billed To Date" column in the Budget Status Query in JSP (18.51105)

Add a new column named “Posted Billed to Date” into the log queries:

- Cost status query
- Budget status query
- Cost status query (Category)
- Budget status query (Category)

The new field "Posted Billed To Date" will include only posted invoices to date and will be the billed amount by Phase or by Phase Category depending on which query is executed.

Fig1. Posted invoices to date shown in JB transaction log:



JB - TRANSACTION DETAIL LOG

Search

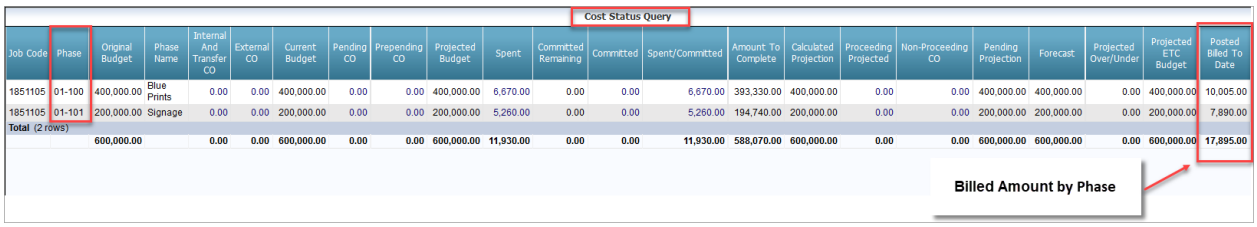
Advanced

View Format Freeze Detach Wrap Clear Query Export ECM Documents

Find Go

Job	Phase	Cat	Ref.Date	Type	Amount	Source Code	Reference Code	Crew Code	Quantity
1851105	01-100	1000	14-Jan-2019	B	1890.00	ZZ-ACME	185110502		10
1851105	01-100	1000	14-Jan-2019	B	1875.00	ZZ-ACME	185110501		10
1851105	01-100	3000	14-Jan-2019	B	8130.00	ZZ-ACME	185110501		10
1851105	01-100	3000	14-Jan-2019	B	12765.00	ZZ-ACME	185110502		10
1851105	01-101	2000	14-Jan-2019	B	7890.00	ZZ-ACME	185110501		10
1851105	01-101	2000	14-Jan-2019	B	8430.00	ZZ-ACME	185110502		10

Fig.2 “Posted Billed to Date” column added into Cost Status Query.

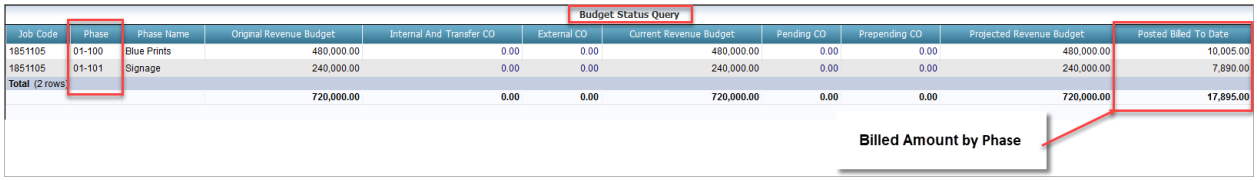


Cost Status Query

Job Code	Phase	Original Budget	Phase Name	Internal And Transfer CO	External CO	Current Budget	Pending CO	Prepending CO	Projected Budget	Spent	Committed Remaining	Committed	Spent/Committed	Amount To Complete	Calculated Projection	Proceeding Projected	Non-Proceeding CO	Pending Projection	Forecast	Projected Over/Under	Projected ETC Budget	Posted Billed To Date
1851105	01-100	400,000.00	Blue Prints	0.00	0.00	400,000.00	0.00	0.00	400,000.00	6,670.00	0.00	0.00	6,670.00	393,330.00	400,000.00	0.00	0.00	400,000.00	400,000.00	0.00	400,000.00	10,005.00
1851105	01-101	200,000.00	Signage	0.00	0.00	200,000.00	0.00	0.00	200,000.00	5,260.00	0.00	0.00	5,260.00	194,740.00	200,000.00	0.00	0.00	200,000.00	200,000.00	0.00	200,000.00	7,890.00
Total (2 rows)		600,000.00		0.00	0.00	600,000.00	0.00	0.00	600,000.00	11,930.00	0.00	0.00	11,930.00	588,070.00	600,000.00	0.00	0.00	600,000.00	600,000.00	0.00	600,000.00	17,895.00

Billed Amount by Phase

Fig3. “Posted Billed to Date” column added into Budget Status Query.

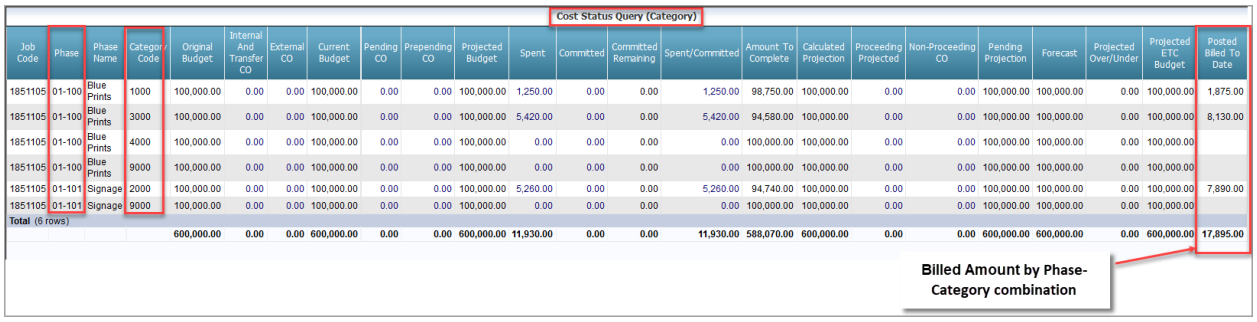


Budget Status Query

Job Code	Phase	Phase Name	Original Revenue Budget	Internal And Transfer CO	External CO	Current Revenue Budget	Pending CO	Prepending CO	Projected Revenue Budget	Posted Billed To Date
1851105	01-100	Blue Prints	480,000.00	0.00	0.00	480,000.00	0.00	0.00	480,000.00	10,005.00
1851105	01-101	Signage	240,000.00	0.00	0.00	240,000.00	0.00	0.00	240,000.00	7,890.00
Total (2 rows)			720,000.00	0.00	0.00	720,000.00	0.00	0.00	720,000.00	17,895.00

Billed Amount by Phase

Fig4. “Posted Billed to Date” column added into Cost Status Query (Category).

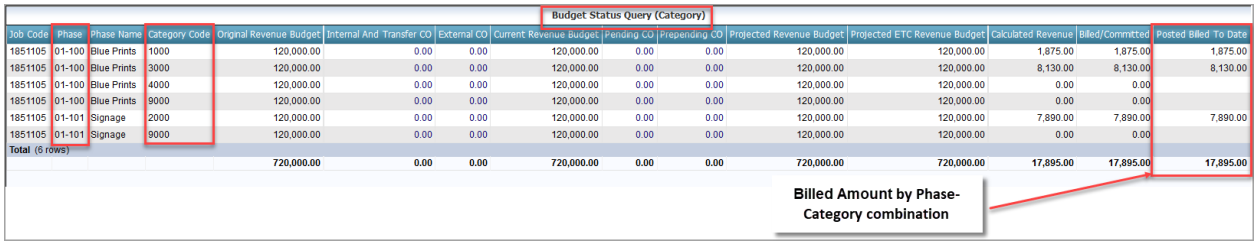


Cost Status Query (Category)

Job Code	Phase	Phase Name	Category Code	Original Budget	Internal And Transfer CO	External CO	Current Budget	Pending CO	Prepending CO	Projected Budget	Spent	Committed	Committed Remaining	Spent/Committed	Amount To Complete	Calculated Projection	Proceeding Projected	Non-Proceeding CO	Pending Projection	Forecast	Projected Over/Under	Projected ETC Budget	Posted Billed To Date
1851105	01-100	Blue Prints	1000	100,000.00	0.00	0.00	100,000.00	0.00	0.00	100,000.00	1,250.00	0.00	0.00	1,250.00	98,750.00	100,000.00	0.00	0.00	100,000.00	100,000.00	0.00	100,000.00	1,875.00
1851105	01-100	Blue Prints	3000	100,000.00	0.00	0.00	100,000.00	0.00	0.00	100,000.00	5,420.00	0.00	0.00	5,420.00	94,580.00	100,000.00	0.00	0.00	100,000.00	100,000.00	0.00	100,000.00	8,130.00
1851105	01-100	Blue Prints	4000	100,000.00	0.00	0.00	100,000.00	0.00	0.00	100,000.00	0.00	0.00	0.00	0.00	100,000.00	100,000.00	0.00	0.00	100,000.00	100,000.00	0.00	100,000.00	
1851105	01-100	Blue Prints	9000	100,000.00	0.00	0.00	100,000.00	0.00	0.00	100,000.00	0.00	0.00	0.00	0.00	100,000.00	100,000.00	0.00	0.00	100,000.00	100,000.00	0.00	100,000.00	
1851105	01-101	Signage	2000	100,000.00	0.00	0.00	100,000.00	0.00	0.00	100,000.00	5,260.00	0.00	0.00	5,260.00	94,740.00	100,000.00	0.00	0.00	100,000.00	100,000.00	0.00	100,000.00	7,890.00
1851105	01-101	Signage	9000	100,000.00	0.00	0.00	100,000.00	0.00	0.00	100,000.00	0.00	0.00	0.00	0.00	100,000.00	100,000.00	0.00	0.00	100,000.00	100,000.00	0.00	100,000.00	
Total (6 rows)				600,000.00	0.00	0.00	600,000.00	0.00	0.00	600,000.00	11,930.00	0.00	0.00	11,930.00	588,070.00	600,000.00	0.00	0.00	600,000.00	600,000.00	0.00	600,000.00	17,895.00

Billed Amount by Phase-Category combination

Fig5. “Posted Billed to Date” column added into Budget Status Query (Category).



Budget Status Query (Category)

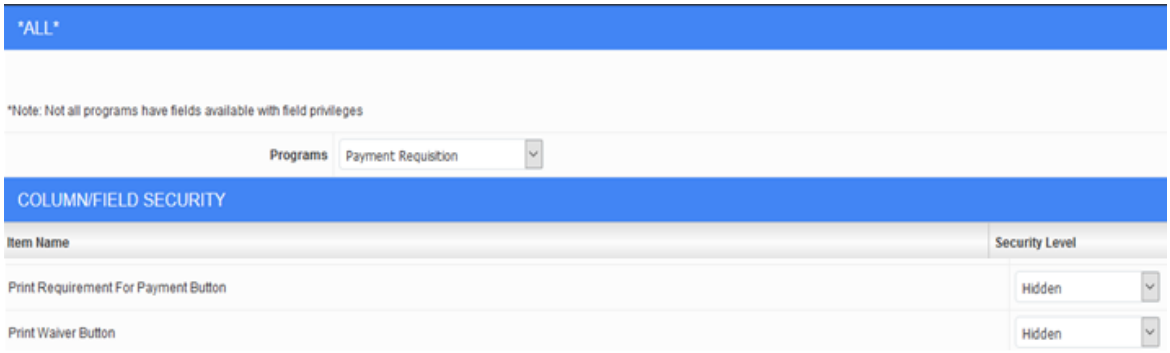
Job Code	Phase	Phase Name	Category Code	Original Revenue Budget	Internal And Transfer CO	External CO	Current Revenue Budget	Pending CO	Prepending CO	Projected Revenue Budget	Projected ETC Revenue Budget	Calculated Revenue	Billed/Committed	Posted Billed To Date
1851105	01-100	Blue Prints	1000	120,000.00	0.00	0.00	120,000.00	0.00	0.00	120,000.00	120,000.00	1,875.00	1,875.00	1,875.00
1851105	01-100	Blue Prints	3000	120,000.00	0.00	0.00	120,000.00	0.00	0.00	120,000.00	120,000.00	8,130.00	8,130.00	8,130.00
1851105	01-100	Blue Prints	4000	120,000.00	0.00	0.00	120,000.00	0.00	0.00	120,000.00	120,000.00	0.00	0.00	
1851105	01-100	Blue Prints	9000	120,000.00	0.00	0.00	120,000.00	0.00	0.00	120,000.00	120,000.00	0.00	0.00	
1851105	01-101	Signage	2000	120,000.00	0.00	0.00	120,000.00	0.00	0.00	120,000.00	120,000.00	7,890.00	7,890.00	7,890.00
1851105	01-101	Signage	9000	120,000.00	0.00	0.00	120,000.00	0.00	0.00	120,000.00	120,000.00	0.00	0.00	
Total (6 rows)				720,000.00	0.00	0.00	720,000.00	0.00	0.00	720,000.00	720,000.00	17,895.00	17,895.00	17,895.00

Billed Amount by Phase-Category combination

Autodesk (BIM) Changes (18.68873)

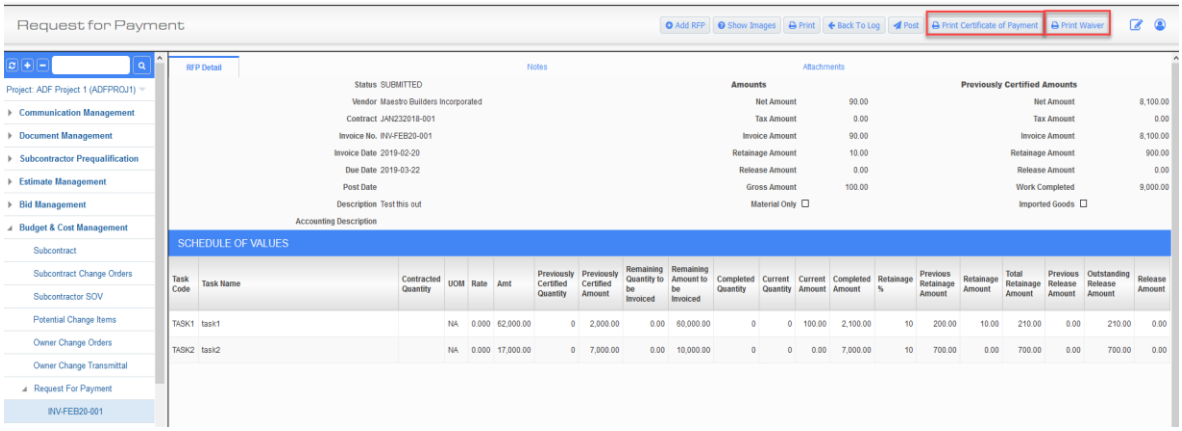
1. From now on the "BIM Project Mapping" section will remain hidden permanently;
2. CMiC has moved the BIM Integration menu item to the Communication Management node of the tree-view.

RFP – Print Waiver and Print Certificate of Payment buttons (18.48577)



Request For Payment - Added 2 new buttons: Print Waiver and Certificate of Payment Report. By default, these buttons are set to HIDDEN on the *ALL* security role.

When the field security is set to UNRESTRICTED, the buttons can be seen on the RFP screen:



JSP 2.0 Enhancements

On-going development:

The screens below are undergoing user interface enhancements aimed at improving the user experience and visual appeal of the application.

a) Issues – 18.59802

b) Communications – 18.62719

c) RFI Entry – 18.54300
- Implemented field security for Potential Contract Change field. This field is linked to the Disclaimer which changes value whenever the value in the Potential Contract Change field changes.
- The Disclaimer's text can be changed using Prompt Maintenance
- Implemented gray-out/disable the fields in view mode

d) Submittals - 18.60353

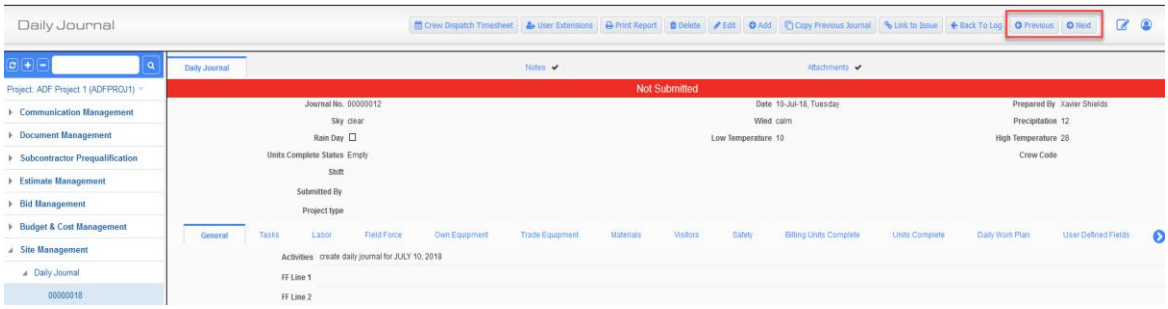
e) Subcontract Entry – 18.62906

f) Subcontract Change Order – 19.70315

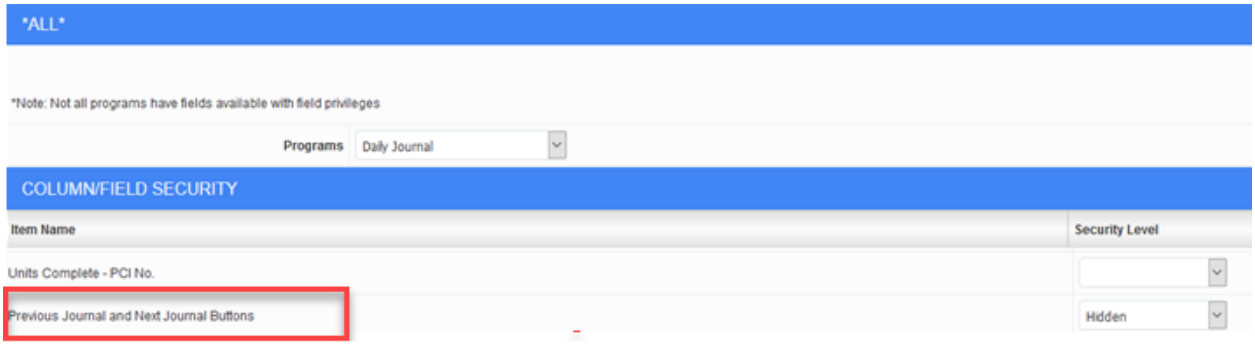
g) PCI Entry – 18.67900

IMPORTANT NOTE: By default, the screens are set to the old (classic mode – classic mode flag is set to Y). A version script is programmed with each work order and sets the classic mode flag to N so the new look & feel of HTML5 will be displayed. This script is not included in any patch and should be run explicitly when needed.

Daily Journal – Next and Previous buttons (18.64139)

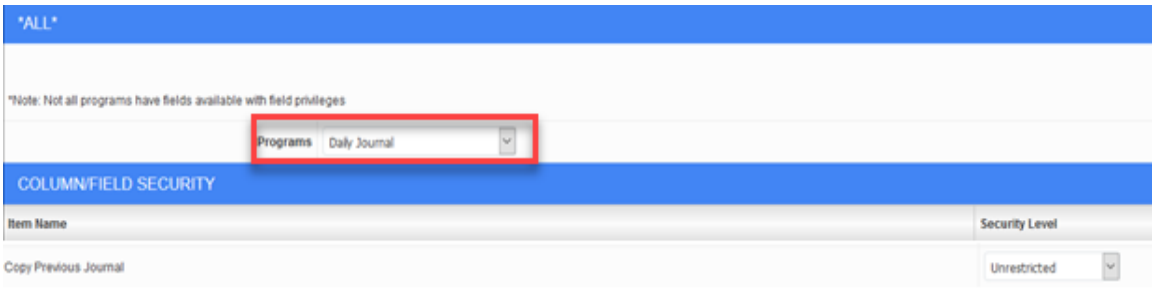


CMiC has added [Previous] and [Next] buttons to navigate daily journals. These buttons allow the user to navigate from one journal to another (back and forth) without going back to the log.



Users can apply field security for the [Previous] and [Next] buttons in Daily Journal header if needed. By default, the field security of these buttons is set as HIDDEN on the *ALL* security role.

Field Security for Copy Previous Daily Journal button (19.70304)



Added field security to show/hide [Copy Previous Journal] button.

Contract Forecast Status Assignment by User and Status Change History (17.46558)

Enhanced the Contract Forecast screen to provide setup for Forecast Status by user as well as to maintain a history of forecast changes by status. An email notification will be sent to users whose Project Role is set to receive the alert.

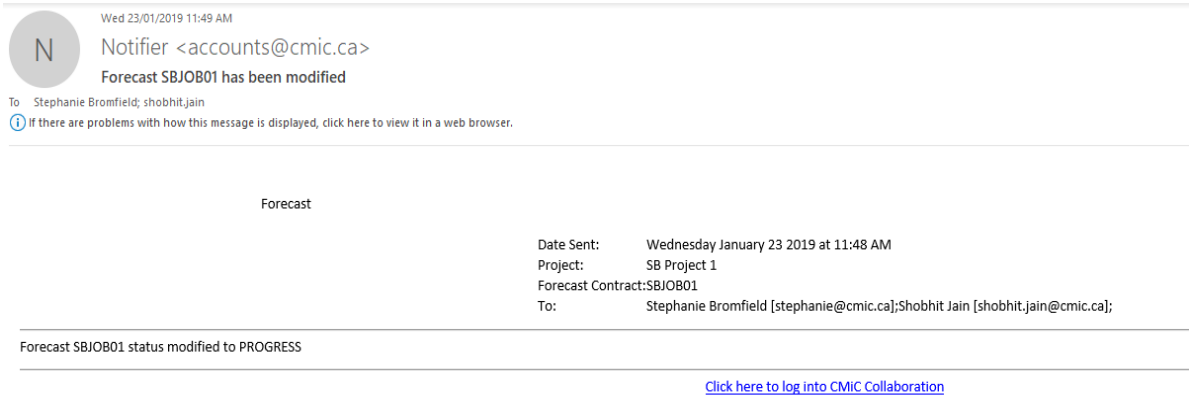
Here are the changes that are related to these enhancements:

Project Role privilege:

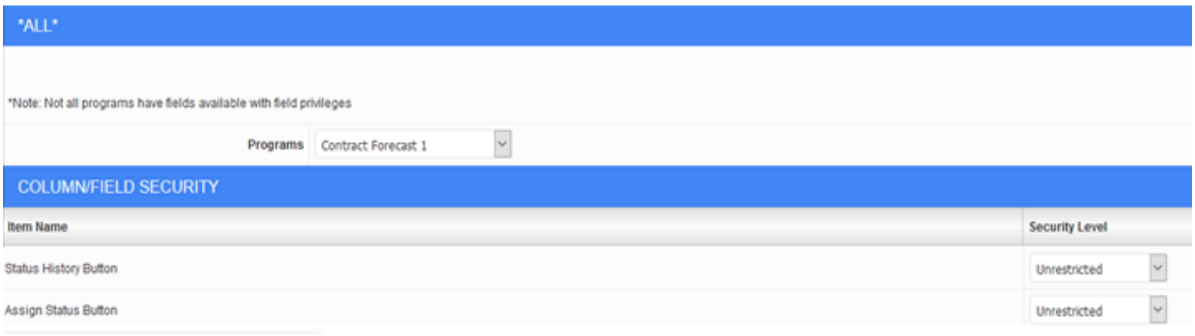
Addition of the “Notify on Forecast Status Change” project role privilege. The user with the privilege will be notified via email whenever a forecast status change has occurred. The email will include the Contract code and

the status to which the forecast has been changed.

sample email:

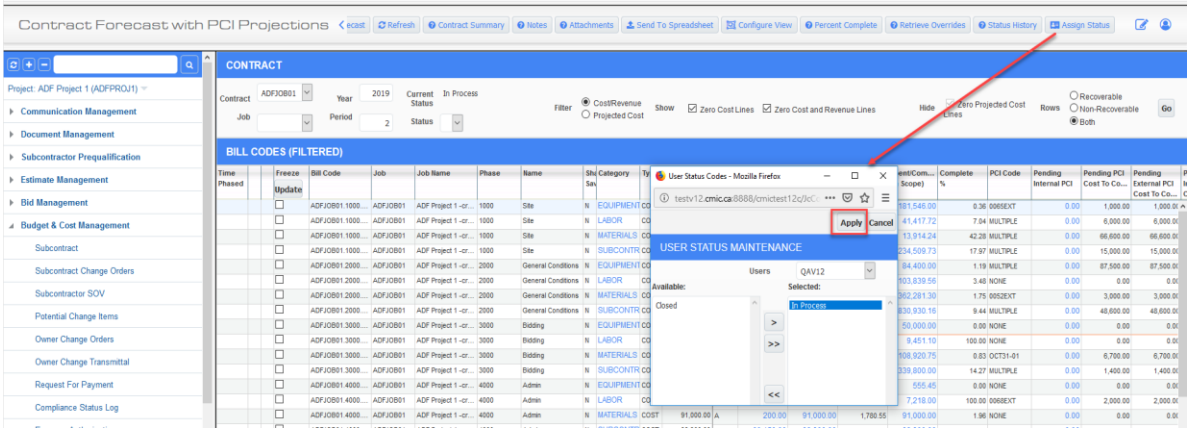


Field Security



[Assign Status] button:

This button allows the current user to assign one or more statuses to a selected user, from the Available list of statuses:

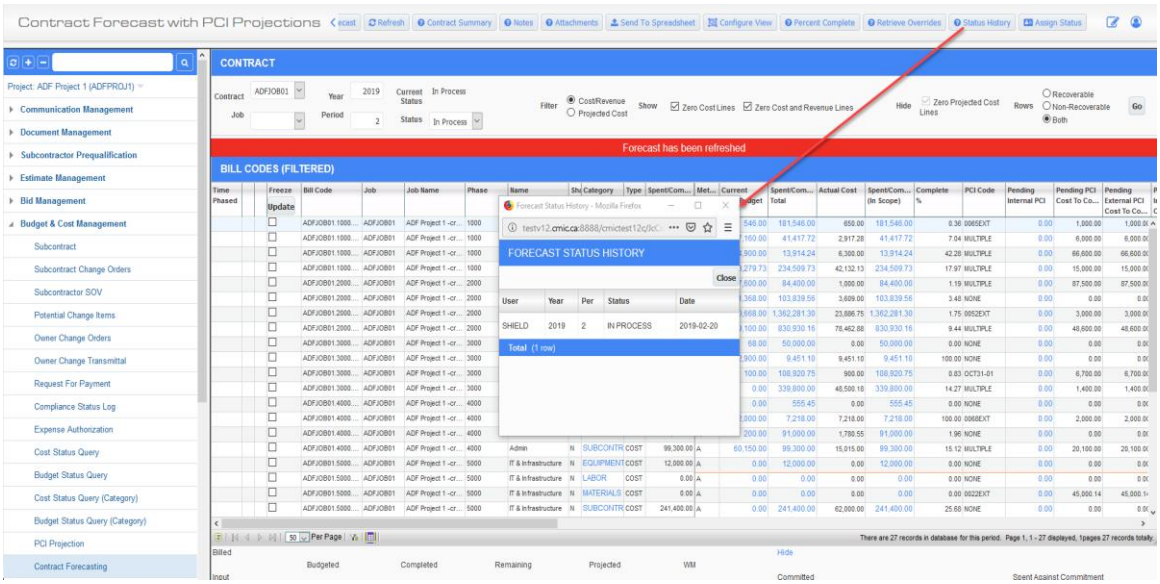


[Status History] button:

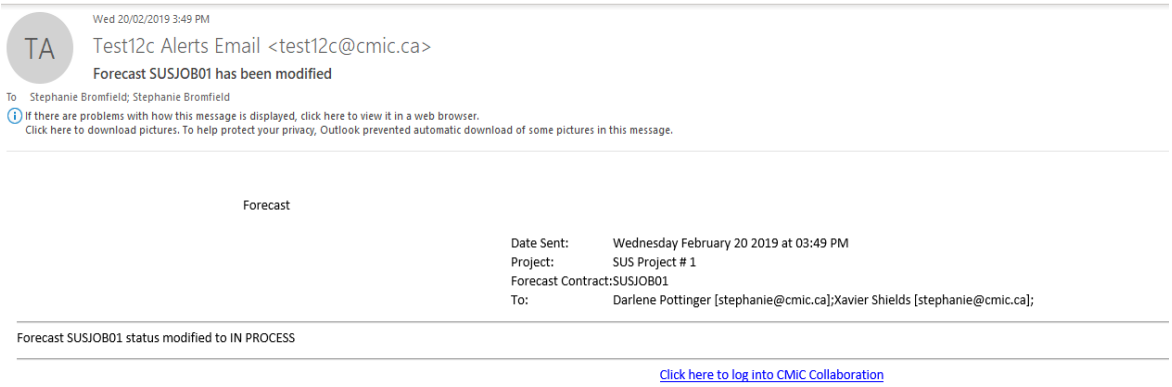
This button will display the history of Status updates that have occurred for the selected Contract.

a) Change the Status by selecting from this drop-down list. The forecast is automatically updated with the selected status.

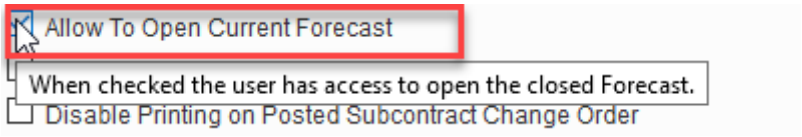
b) The Status History will display the change:



c) The user will receive an email notification if the user's project role is set with the privilege:



Also, Added PM Role privilege 'Allow To Open Current Forecast' to change Forecast Status from Closed, if needed:



Check Spelling Button removed (18.66834)

The Check Spelling button and underlying functionality has been removed from some screens in PM JSP. So far, the button has been removed from:
Transmittals, Submittal Packages, Communications, Documents, Subcontracts, Issues.

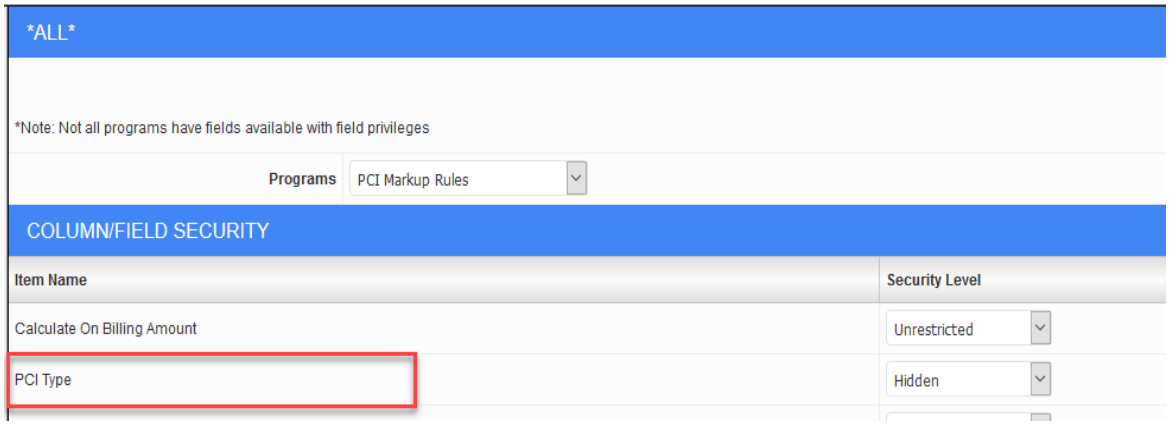
PCI Markup Rules by PCI Type (18.59093)

Changes have been programmed to allow the creation of PCI Markup Rules by PCI Type (External, Internal, Transfer etc.)

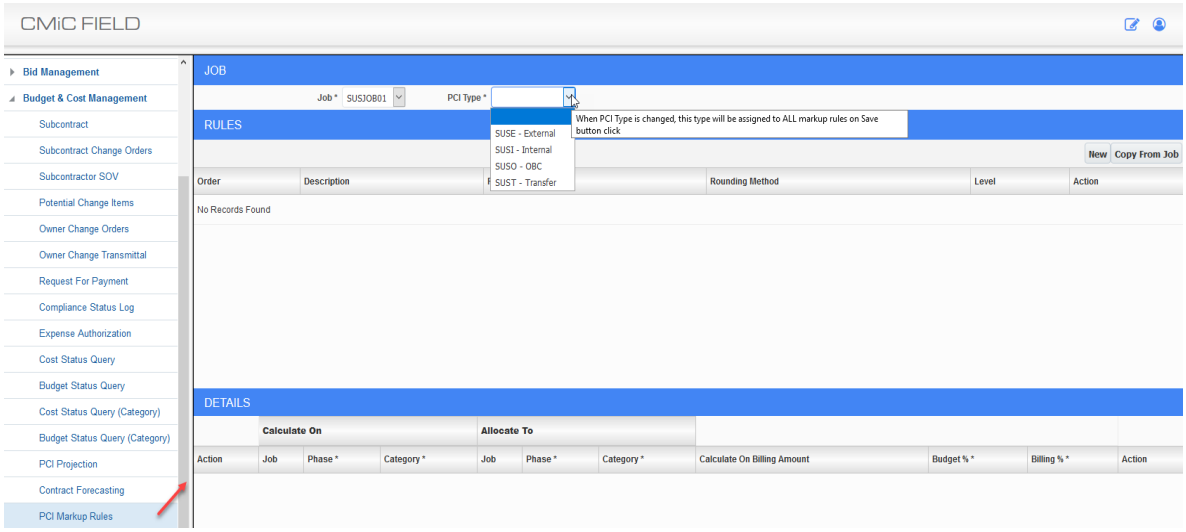
Highlights

- PCI Type field is added to the PCI Markup Rules screen
- PCI Type field is initially hidden by field security which is set as HIDDEN on the ***ALL*** role
- When the PCI Type field is HIDDEN, the functionality behaves as it did prior to these changes, and all markup rules are displayed
- Existing PCI Markups, prior to this change, are listed under PCI Type = null in the header, along with any new PCI markups created with the PCI Type specified under 'Rules'.
- To create PCI Markups which apply to PCIs regardless of Type, select the null value in the Type drop-down before creating new rules.
- To create PCI markups for a given PCI Type, first select the PCI Type from the drop-down in the header, then click the [New] button in the lower section.

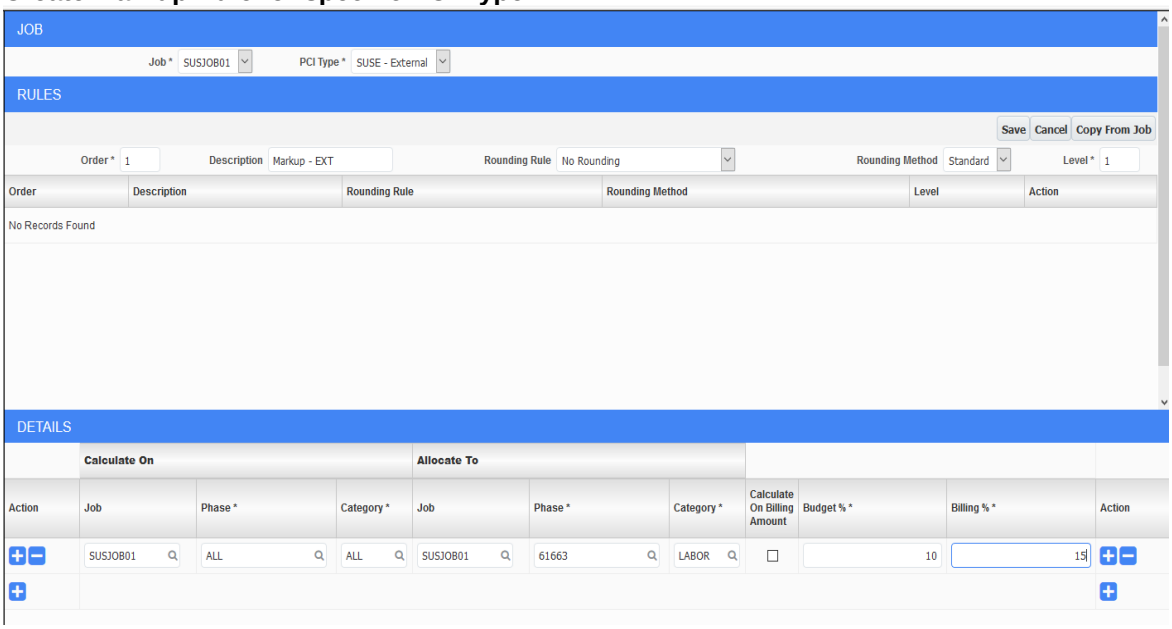
Field Security:



When the field security for PCI Type is set as UNRESTRICTED:

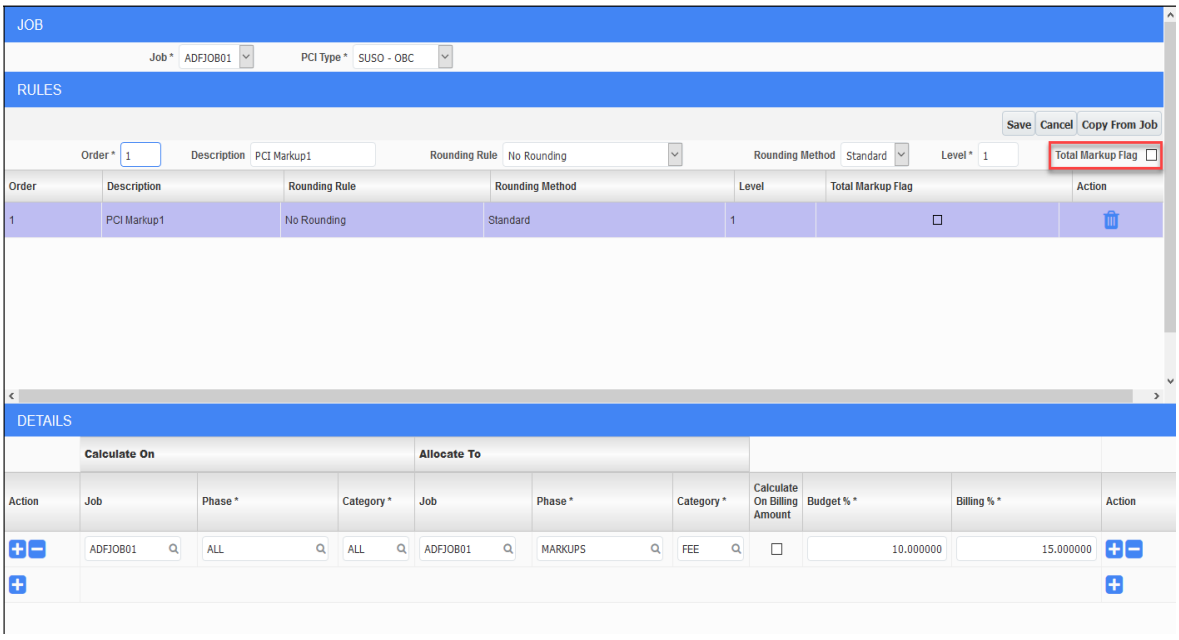


Create Markup Rule for specific PCI Type:

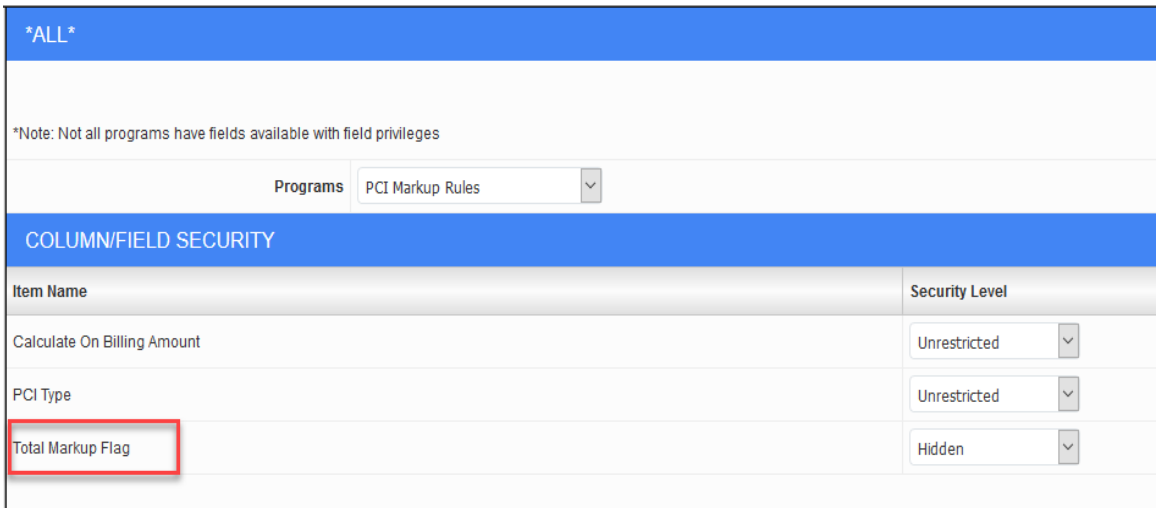


PCI Markup Rules - Total Markup (17.39285)

CMiC has added a new type of PCI Markup named Total Markup which will calculate on the Total of a PCI (including all costs above the line and the markups).



Field security can be applied to the Total Markup flag for PCI Markups. By default, the field security is set at HIDDEN. Other possible settings: UNRESTRICTED, READ-ONLY:



Cost Status Query – Additional Columns (18.67592)

Three additional columns are available in the Cost Status Query.

The names for the columns are as follows:

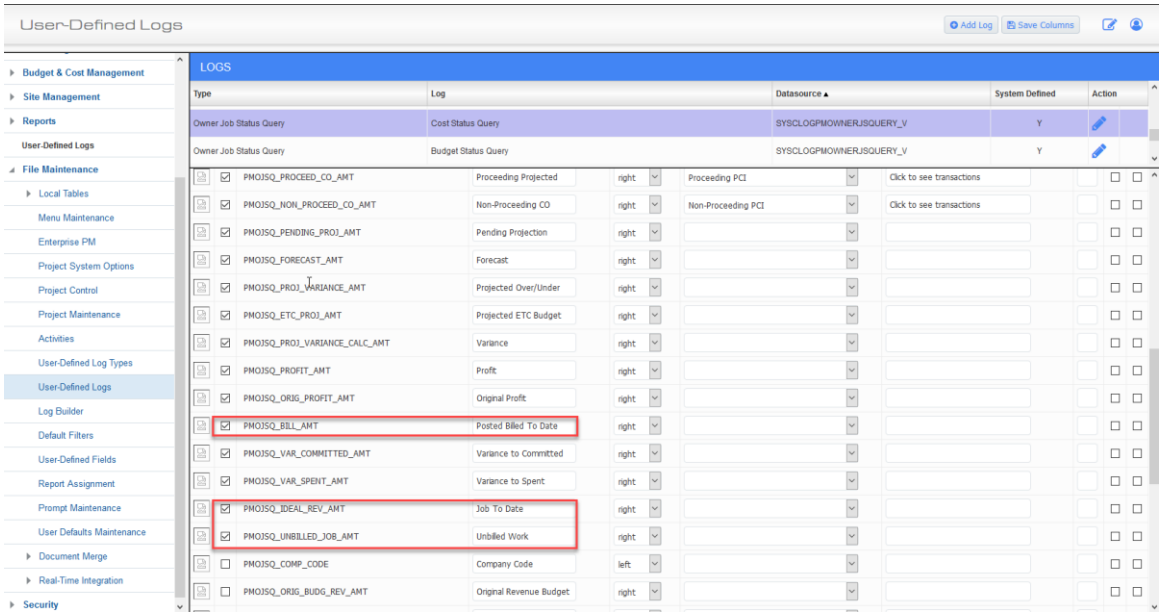
1. PMOJSQ_BILL_AMT Billed to Date)

2. PMOJSQ_IDEAL_REV_AMT (Job to Date)

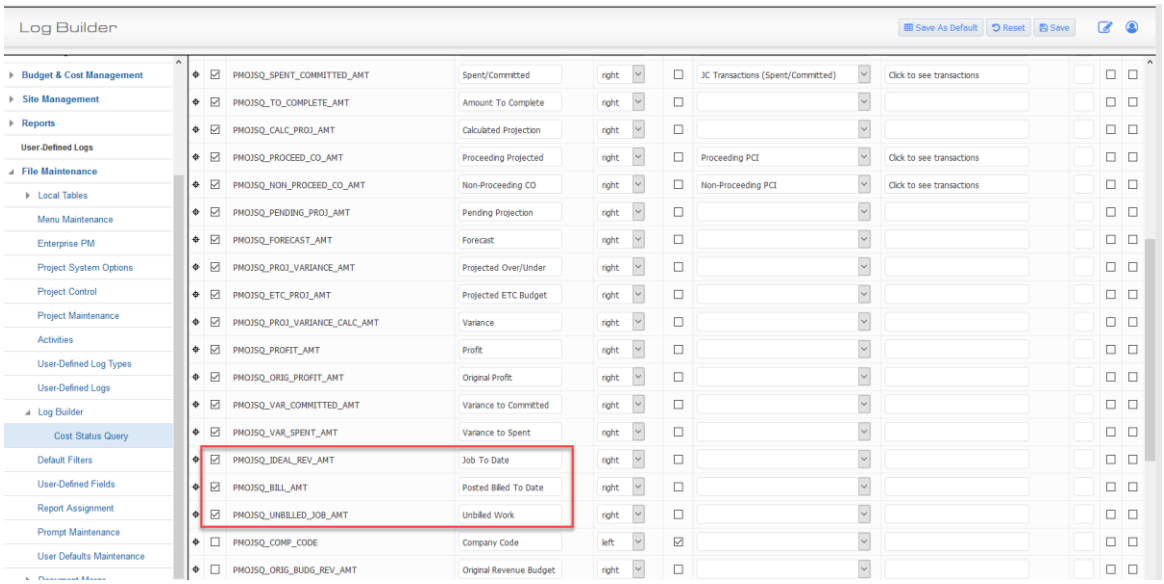
3. PMOJSQ_UNBILLED_JOB_AMT (Calculated as 2 minus 1)

These columns are not initially visible in the Cost Status Query Log, but will need to be added by the user, by first going to the User Defined Logs – Cost Status Query and selecting them for inclusion in the Cost Status Query Log as shown below.

a) Select them in the **User Defined Logs – Cost Status Query**, and then save:



b) Select them in the **Log Builder – Cost Status Query**, and then save:

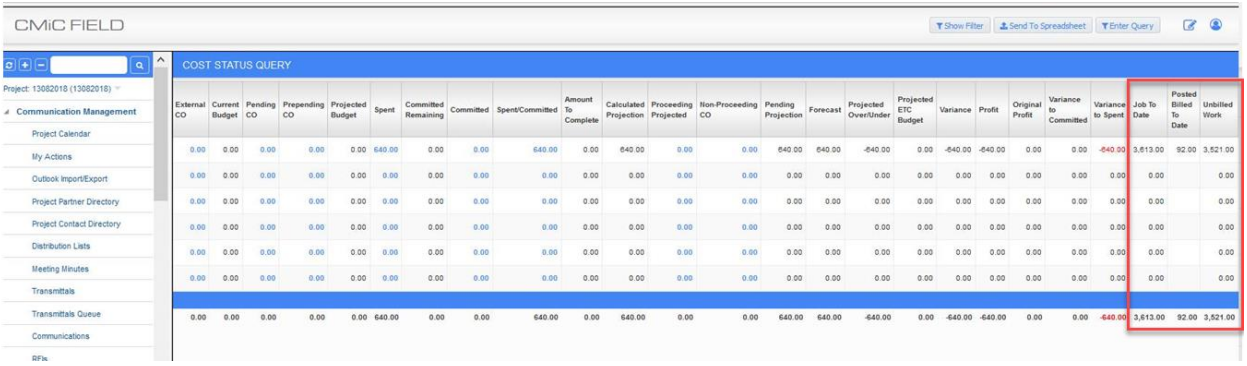


c) Review the **Cost Status Query Log**:

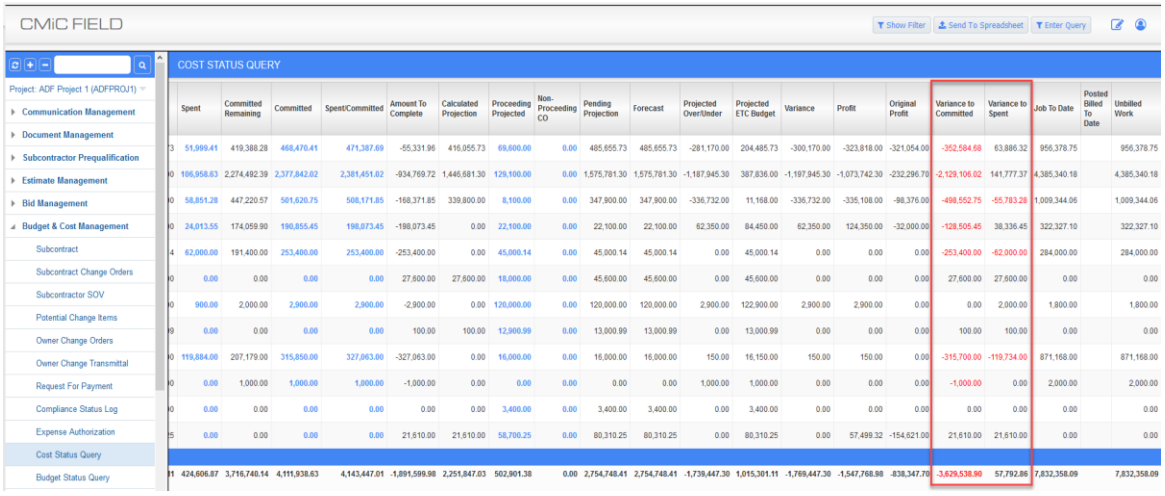
Job To Date

Billed To Date

Unbilled Work = Job To Date – Billed to Date



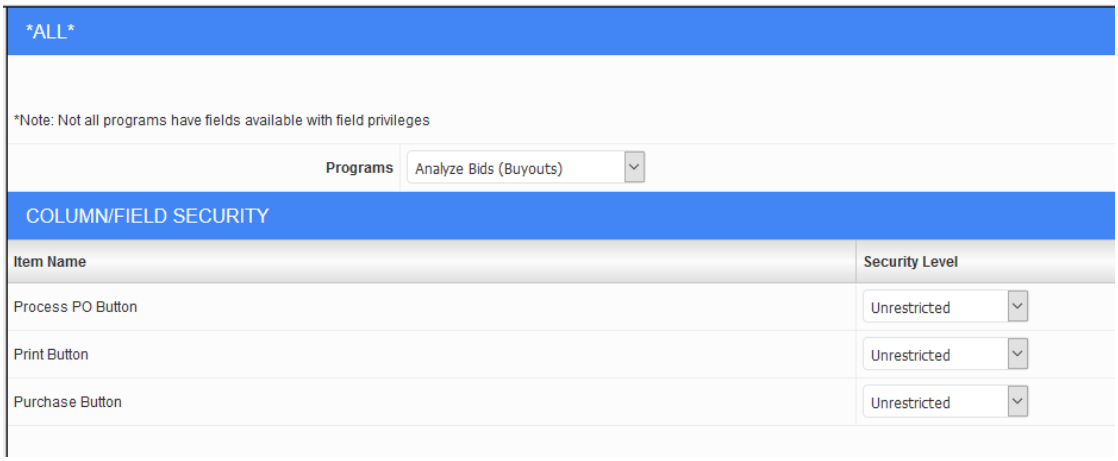
Cost Status Query – Additional Columns (18.66226)



CMiC has added the following columns to the Cost Status Query. If the value is negative it is displayed in red.

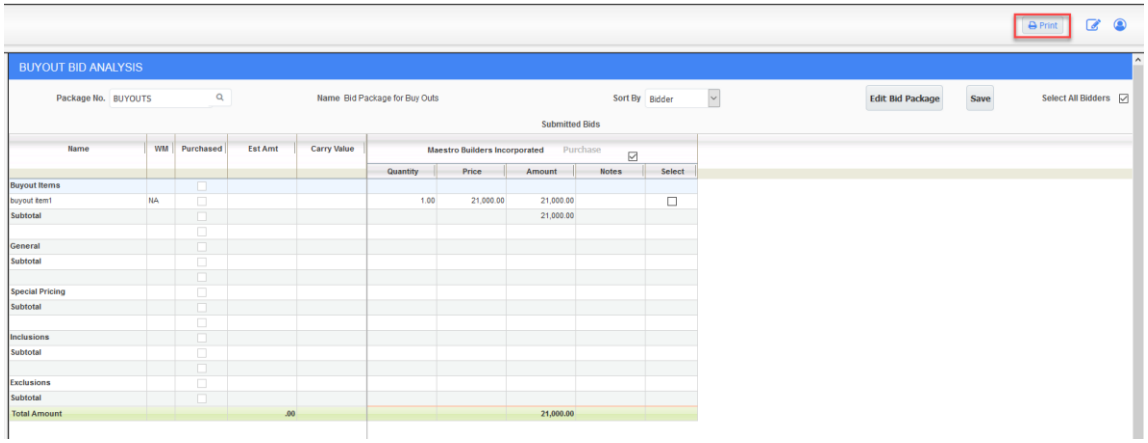
1. Variance to Committed = Current Budget - (minus) Committed
2. Variance to Spent = Current Budget - (minus) Spent

Field Security for Buyout Analysis [Purchase] button (18.68164)



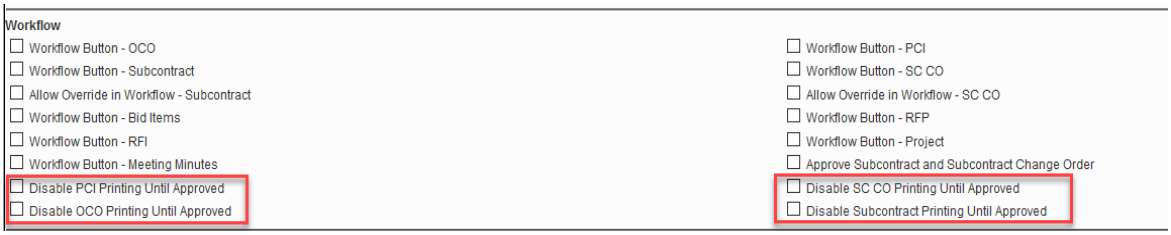
Added field security for the [Purchase] button in Analyze Bids (Buyouts).

Analyze Bids (Buyouts) – Print button (18.58130)



A [Print] button has been added to the Analyze Bids (buoyts) screen to enable users to generate reports with selected bidders in the Bid Analysis program.

Disable Print until Record Approved via Workflow (18.68449, 18.60646)



Changes have been made to disable the [Print] button until the record is approved in Workflow. This applies to Subcontracts, Subcontract Change Orders, PCIs, Owner Change Orders.

Unlinking Vendor and Subcontract from POSTED PCI (18.53277)

This enhancement was released in Patch V12-004 but was not documented then.

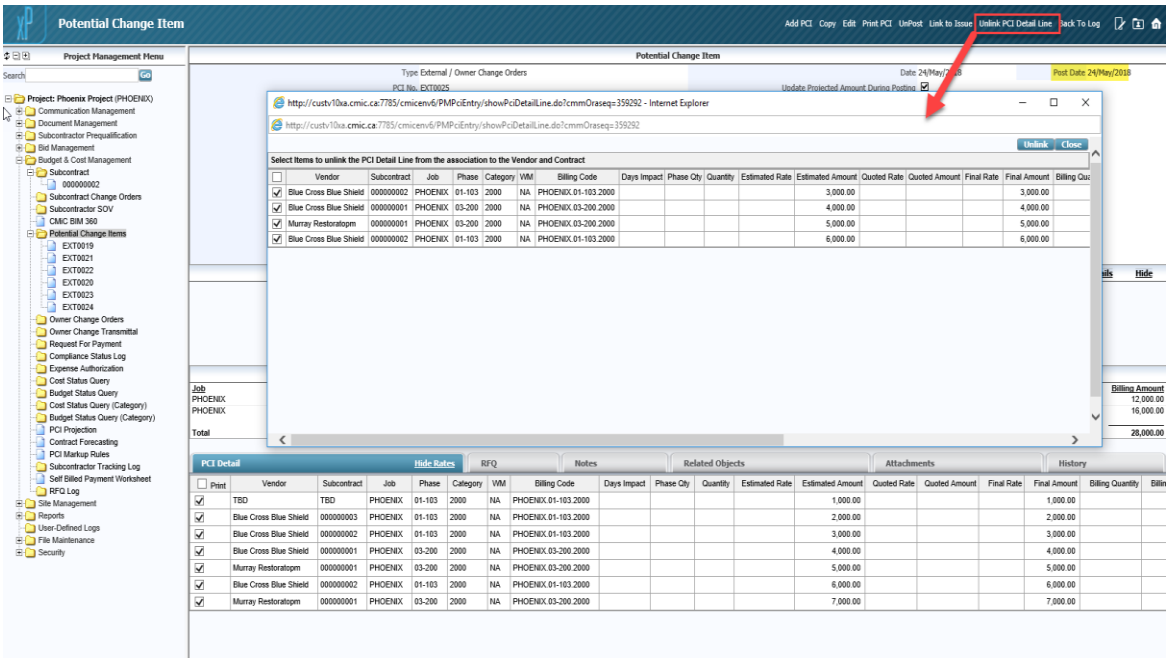
Enhancement: Provision of a utility that allows users to unlink Vendor and Subcontract from PCI detail lines of POSTED PCIs that do not have the subcontract Change Code and Task ID in the PCI detail line.

The following changes have been made in relation to this enhancement:

a) Addition of a button **[Unlink PCI Detail Line]** to the PCI screen. Field security can be applied to the button. By default, the field security is set as 'Unrestricted' for the client.

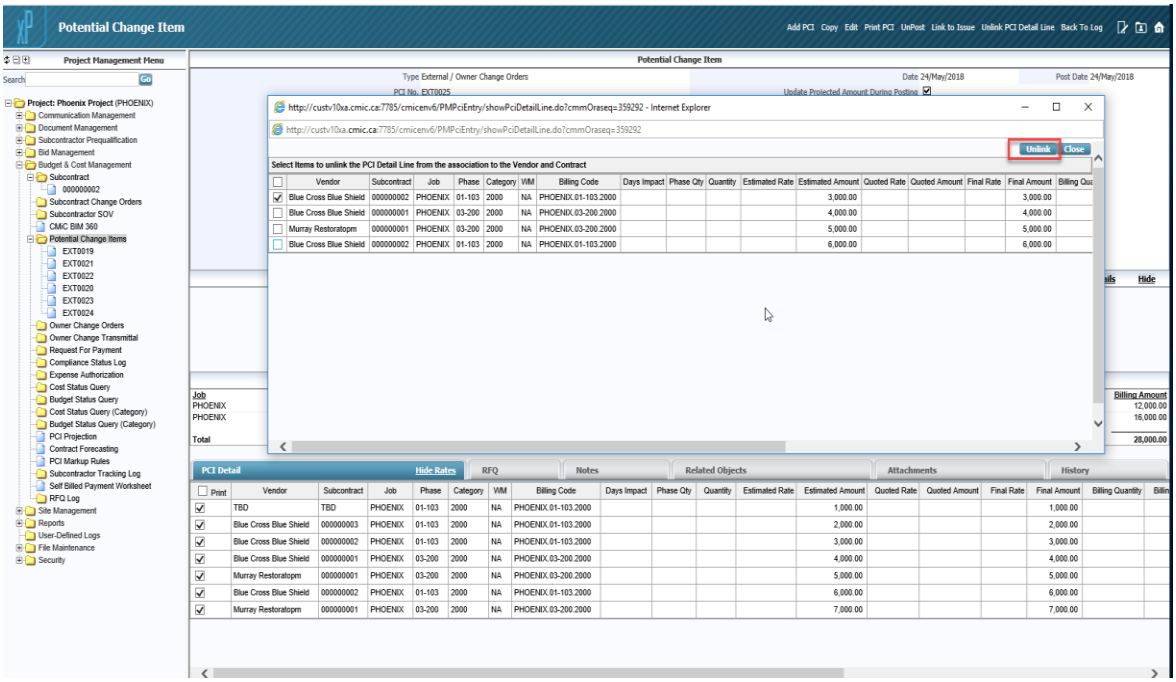
b) The [Unlink PCI Detail Line] button is available on POSTED PCIs. When the button is clicked, a popup window is displayed whereby all PCI detail lines with Vendor and Subcontract

but their subcontract Change Order and Task ID are empty are shown. The system allows users to carry out the unlinking of vendor and subcontract for selected item(s) in this list.

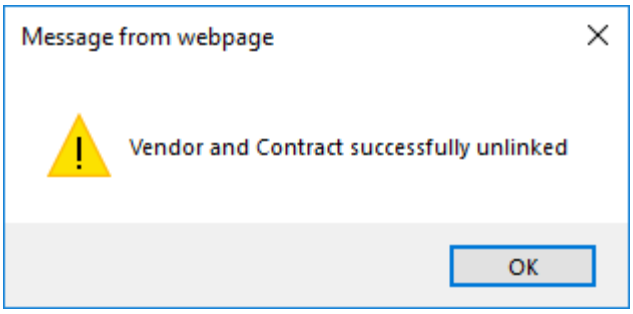


By default all lines are selected. Use the Select All/Deselect All checkbox (header checkbox in the popup) if necessary.

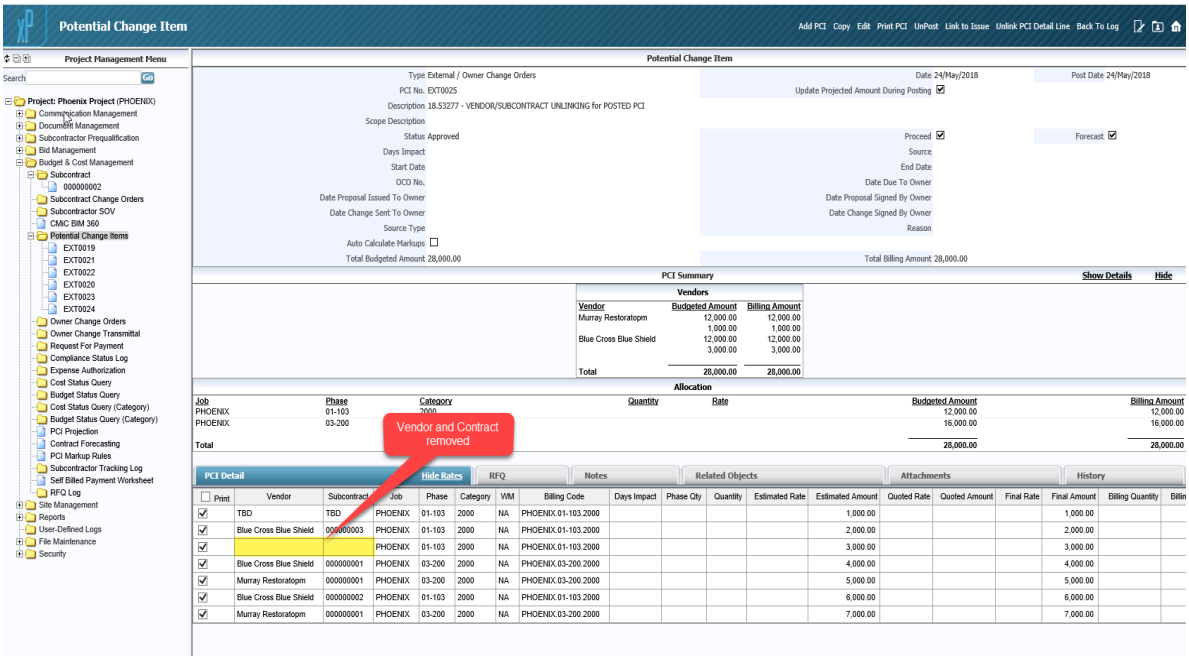
Select the line(s) to be unlinked and then click [Unlink].



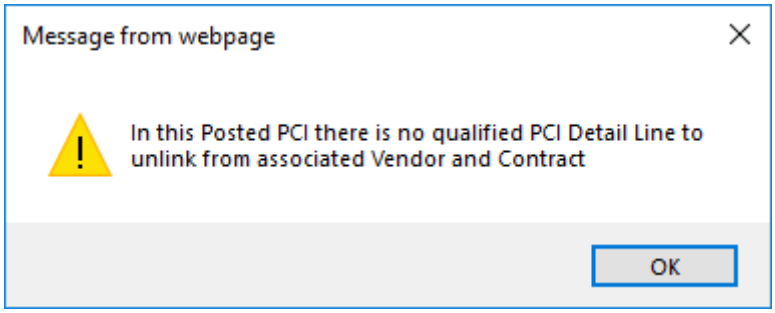
The following message box is displayed at the end of the unlinking process:



The Vendor and Contract will be removed from these detail lines. Any RFQ lines associated/created with these PCI detail lines will remain unchanged.



If the [Unlink PCI Detail Line] button is clicked and there are no detail lines that satisfy the condition, the following message is displayed:



Enhancements to PSPDF Viewer for Drawing Management (18.50703)

1) Zoom In and Zoom Out can be done using Shift + Mouse scroll.

2) Enabled PANNING using shortcut key: when the user presses the space bar key and then scrolls with the mouse, panning is enabled. When the user releases the space bar key then panning is disabled.

3) When the user creates an annotation and wants to link it with a CMiC object, the LOV for selecting the object now shows only RFI, Issue and Documents.

4) Added a button on the toolbar to Download the PDF.

5) A “NOT CURRENT” watermark now shows on old revisions.

6) A Filter feature is now available to filter annotations

7) On object associated with annotation, showing hover near object being hovered.

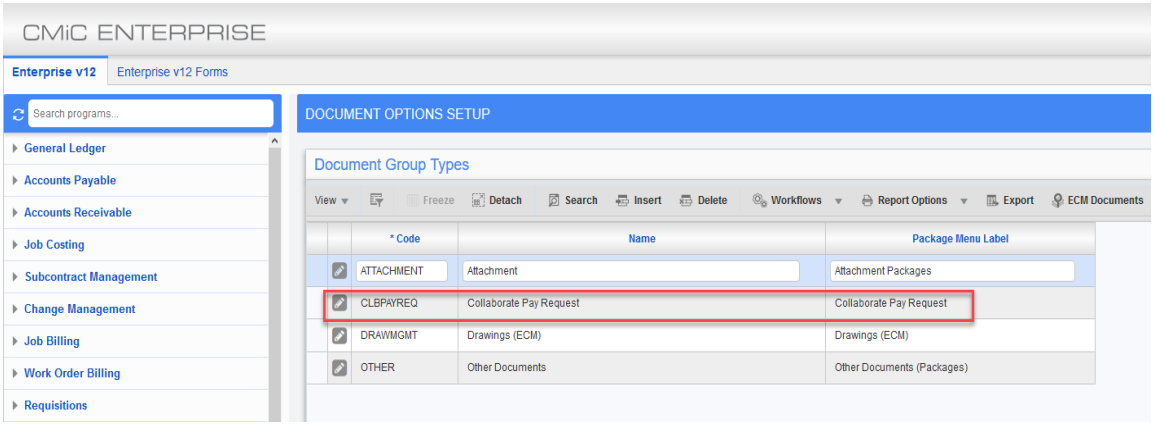
8) For non-Drawing document type documents in Document Management, we are showing the Revision button on the basis of Edit privileges set for the user role.

9) Display of Link, Publish and Show/Hide buttons (with Tooltip) on the basis security settings for user role.

Source Type Mandatory in PCI Entry (18.62539)

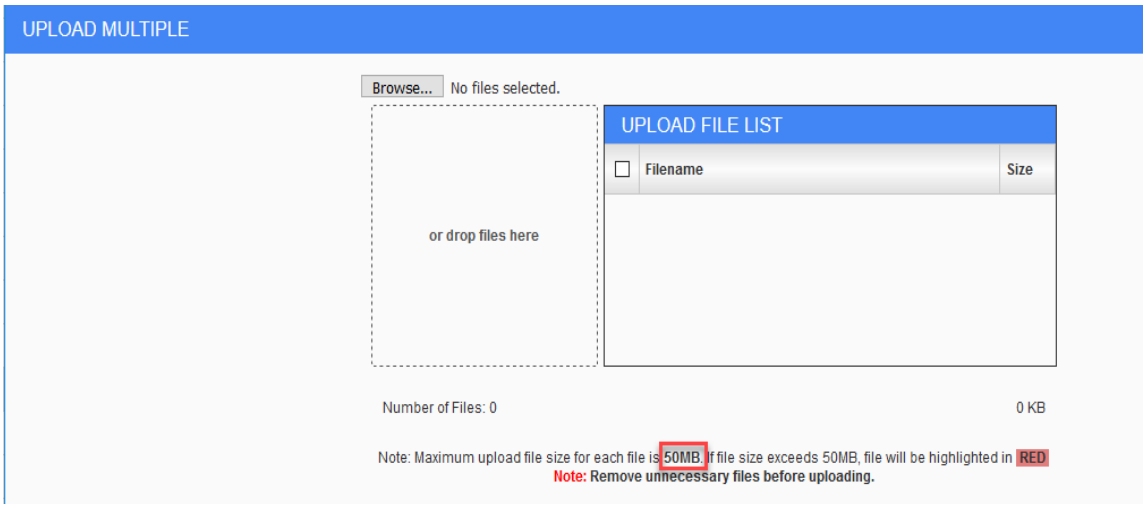
The Source Type field has been made mandatory in the PCI Header. A default value of “NA (not applicable)” is set when the Maintain Source Type PM role privilege is unchecked. If the privilege is checked, the default value of Source Type in the PCI screen is set to blank.

New Document Type for Collaborate Pay Request (18.64559)



CMiC has created a new document group type CLBPAYREQ, which stands for the Collaborate Pay Request, for every tenant.

Multiple Upload File Size Limit (18.65471)



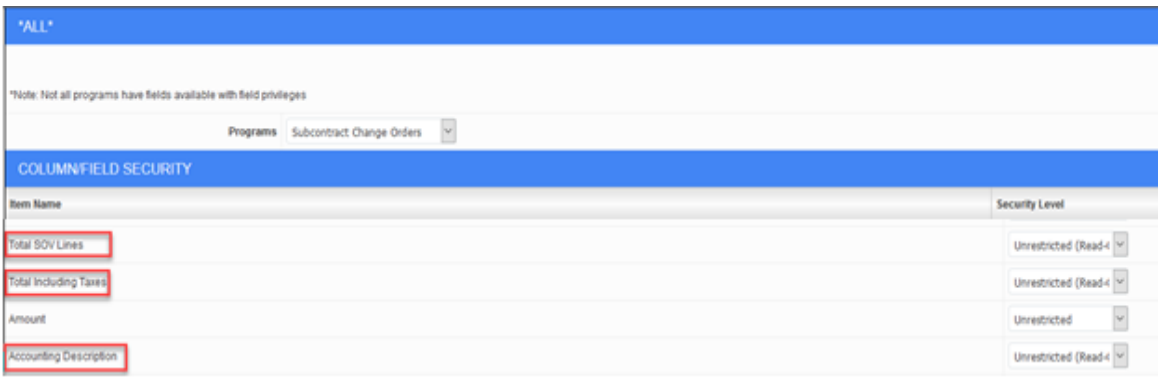
Multiple Upload - changed the maximum file size limit from 20 to 50 in the System Options table.

Subcontract Change Order – Additional Fields Added (18.65471)

Three additional fields have been added to the Subcontract Change Order screen:

- Total SOV Lines
- Total Including Taxes
- Accounting Description (18.66357)

Field security can be applied to these fields if needed.

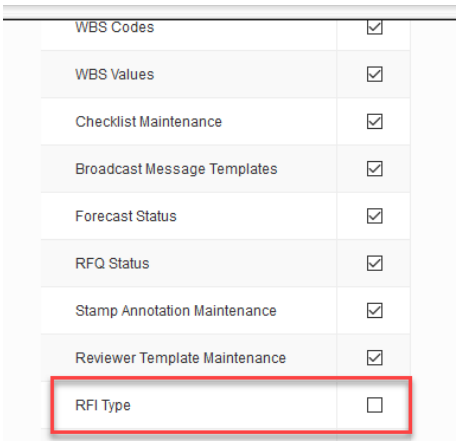


RFI Type Maintenance and Related Functionality (18.63957)

The following changes have been made to facilitate the inclusion of RFI Type in the RFI ID of an RFI.

1. A new program to maintain RFI Types has been added. The security access for the program must be set up using:

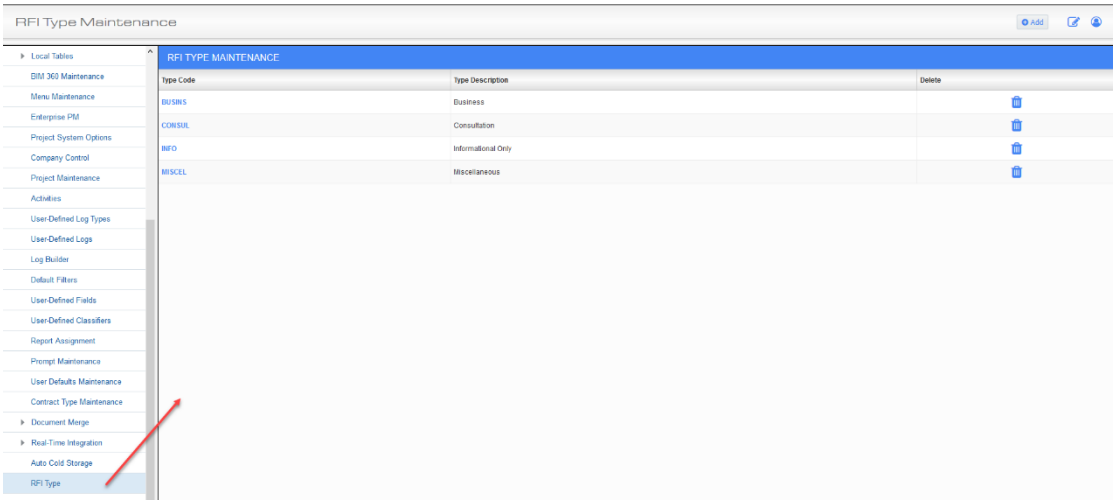
   Security > Role Maintenance > Assign Menu Items… File Maintenance > RFI Type



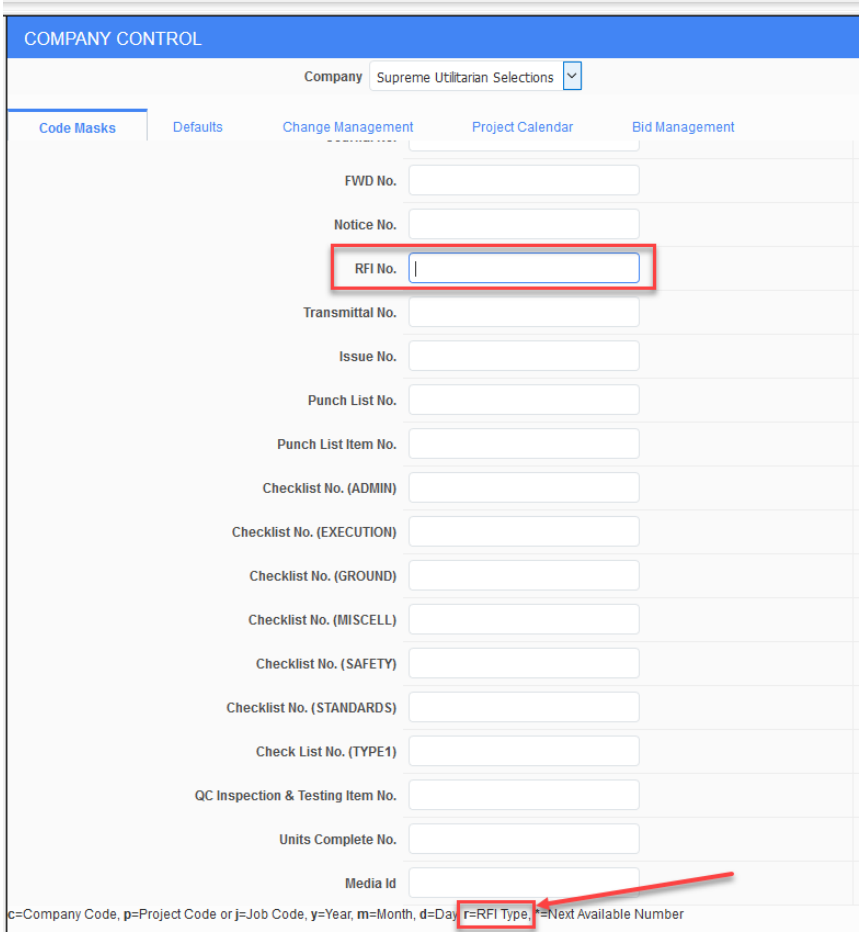
When done, the program will be visible in the PM JSP tree-view. If you are using a custom tree-view, you will need to use Menu Maintenance to make adjustments to see this new screen.

2. RFI Type Maintenance screen

Once security is applied to the menu item, use the screen to enter the various RFI Types and their Description:

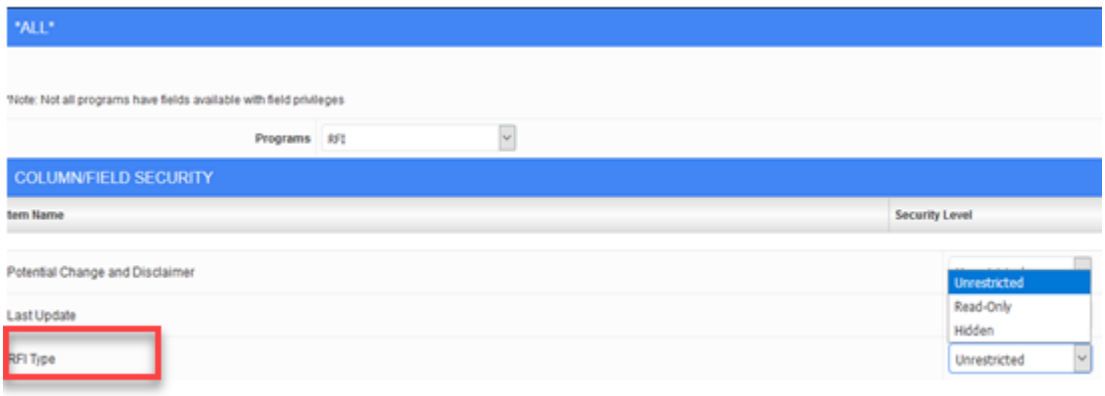


3. **Project Control** - changes have been made to allow the RFI mask to include the RFI Type. The character ‘r’ is used to represent RFI Type:



4. **Project Maintenance** – similarly, changes have been made to allow the RFI mask to include the RFI Type. The character 'r' is used to represent RFI Type.

5. **Field security in RFI object** – field security can be applied to the RFI Type field if desired. The possible setting: Unrestricted, Read-only, Hidden:

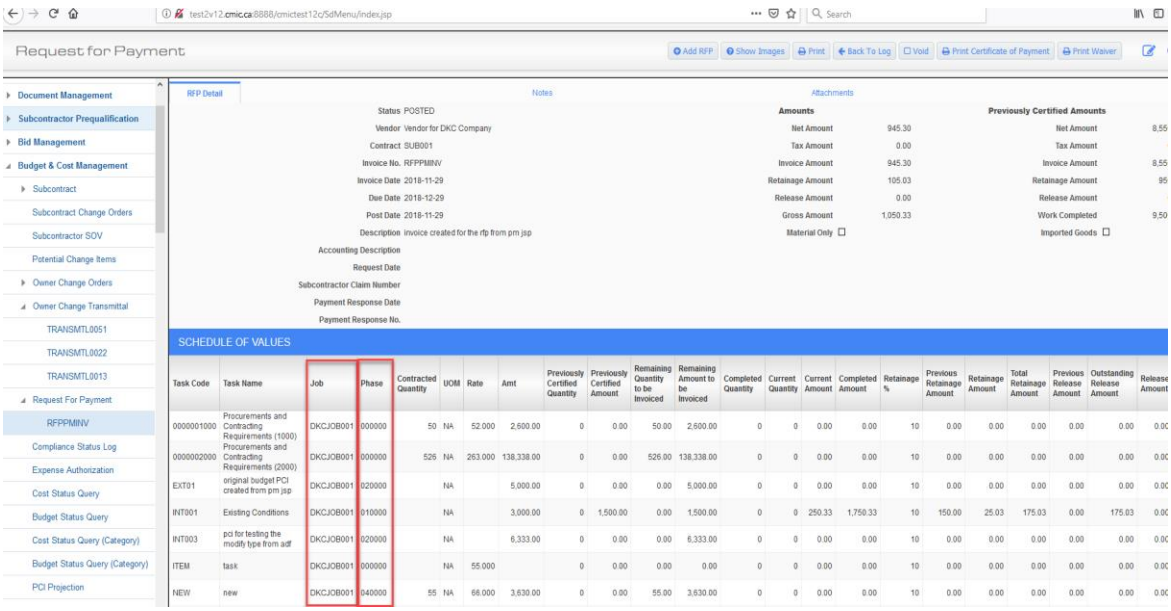


Addition of Detail Lines to Posted PCIs (18.48382)

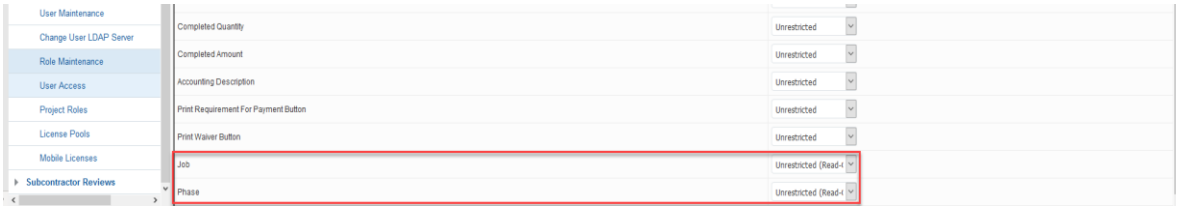
Changes have been made to allow modification of a posted PCI by adding Detail Lines to it. This is controlled by the PM Role privilege “Modify Posted PCI”:

Request For Payment – Job and Phase Added (19.73277)

Added Job Code and Phase Code fields/columns to SOV lines in Request For Payment screen.



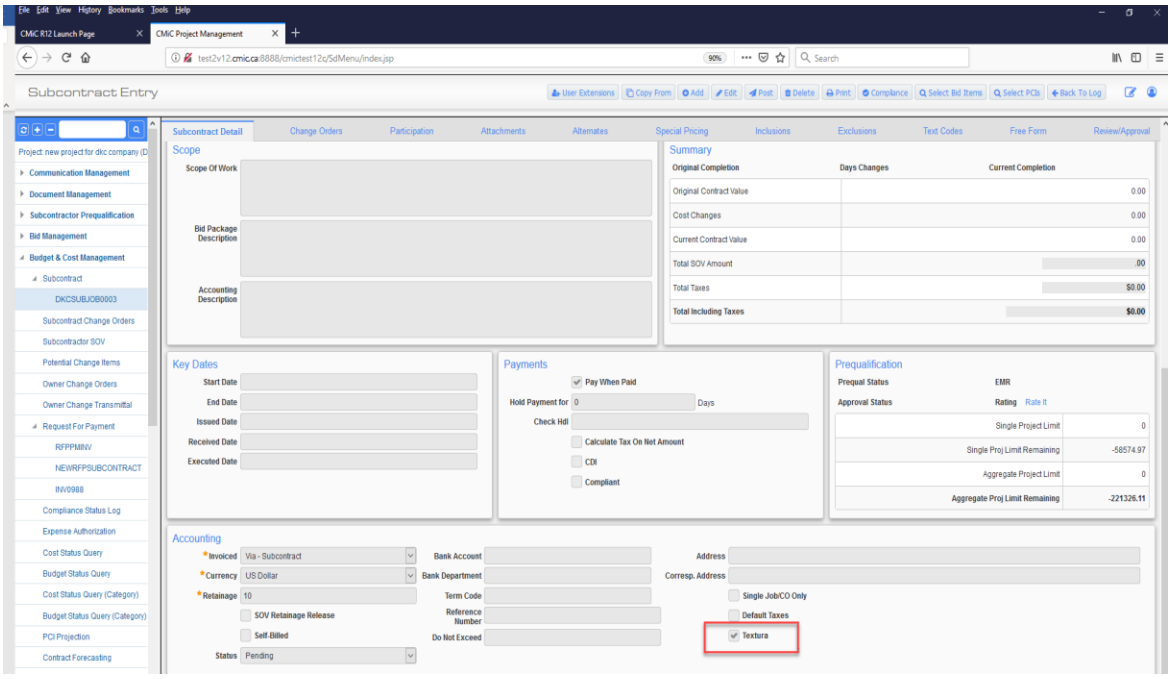
Field Security can be applied to both Job Code and Phase Code fields. ‘Hidden’ is the default value set on the *ALL* role and Read-Only is the other option.

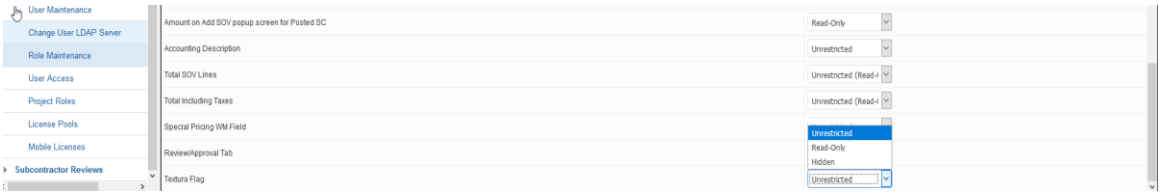


Security> Role Maintainance > Assign Field Security > Payment Requisition > Job Code and Phase Code

Subcontract – Field Security for Textura Flag (19.69234)

Field security has been added to the Textura Flag on the Subcontract Entry screen with options: Unrestricted (default), Read-Only and Hidden.

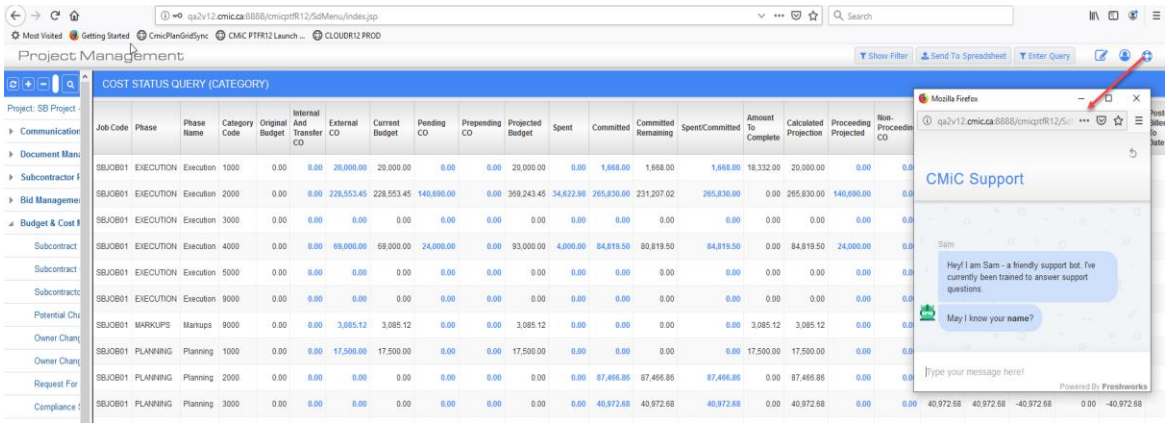




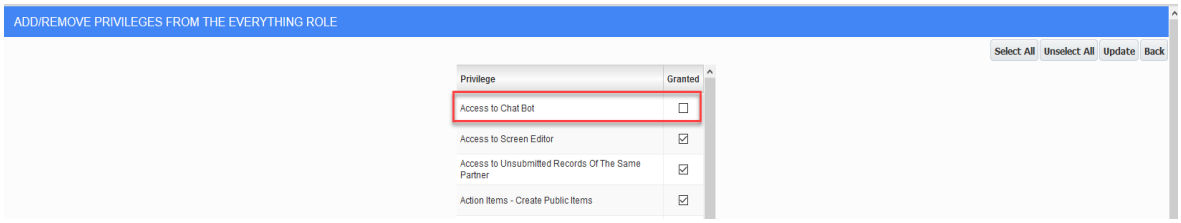
Security> Role Maintainance > Assign Field Security > Subcontract > Textura flag

Chat Bot added to Project Maintenance (19.77898)

Added Chat Bot to PM JSP Pages and applied modifications to add a security privilege for it.



Assigning access to Chat Bot:

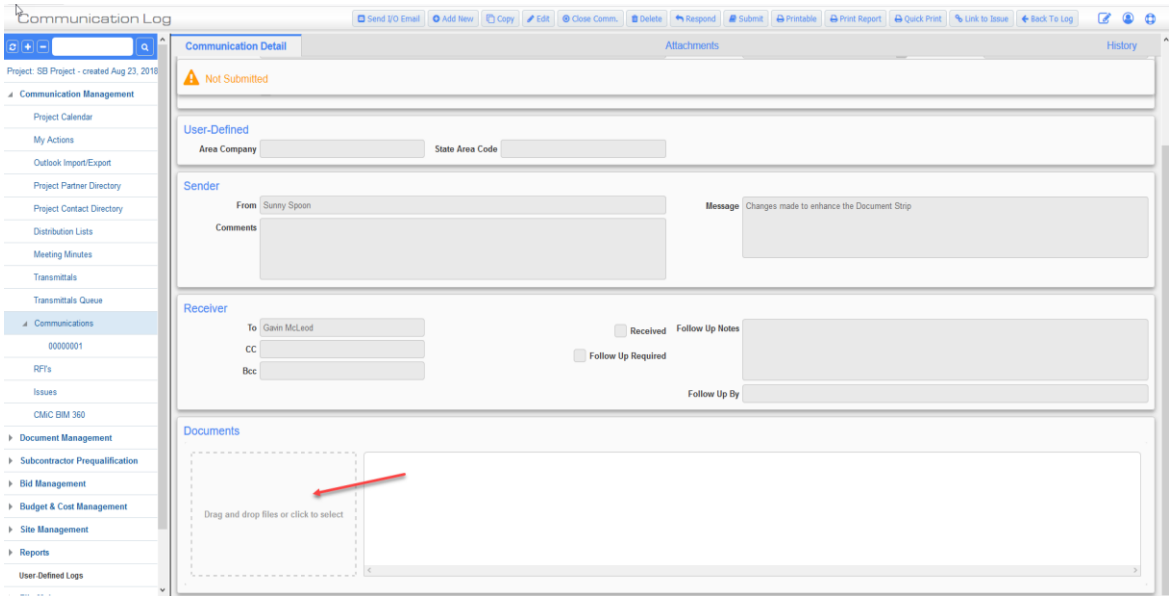


Contract Forecasting – % Complete Enhancements (19.71214)

Contract Forecasting - applied the following enhancements:

- to make % Complete editable for Method A.
- modified field security of %Complete to be Unrestricted, Read-only or Hidden.

Document Strip Enhancements (19.74135)



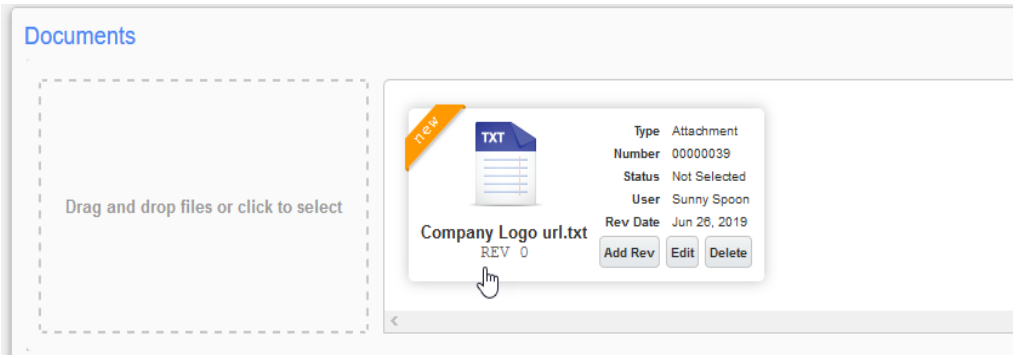
NOTE: This new feature may require switching on (i.e. to non-classic mode) by running of the version script under work item 7 of this issue. (19.74135-7)

Overview:

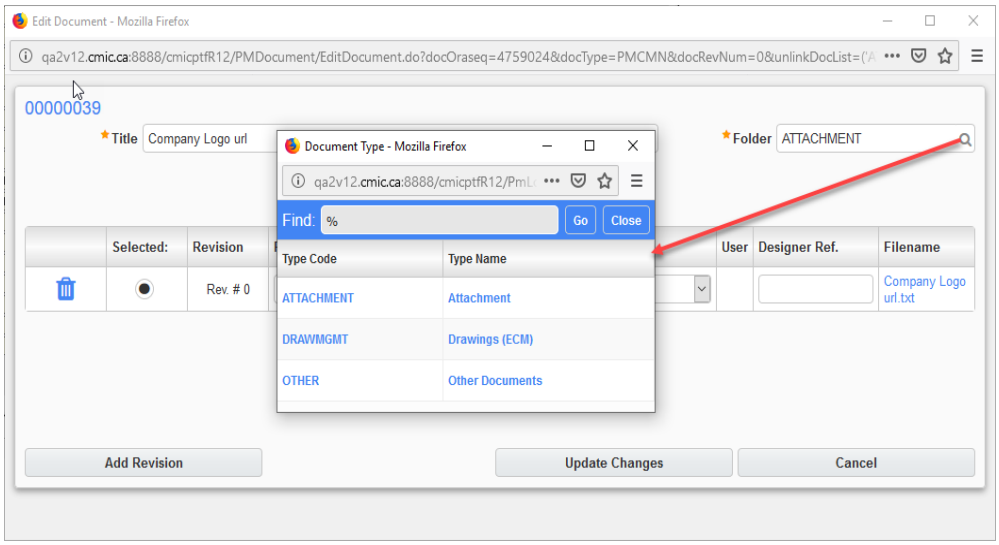
Changes have been applied to enhance the user experience when using Documents in Project Management.

The enhancements are listed below:

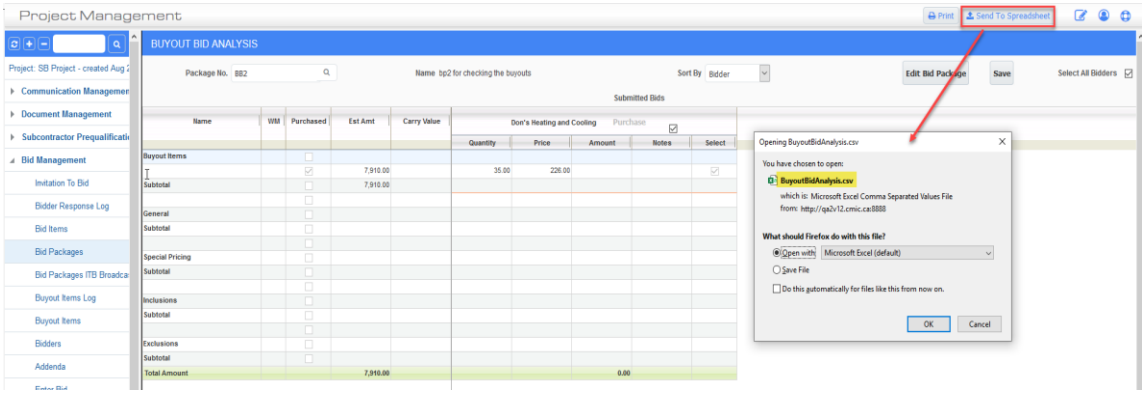
- **Drag and drop** documents or click the target drop area to **select** the documents to be added to any PM object that has the document strip. The Document Type of the resulting attachment will be determined based on the PM System Option setting for the PM object (RFI, Communication, Submittal etc.)
- Automatic creation of a revision for a document that already exists on the PM object if it is selected again or dragged and dropped again
- Adding revisions using the [Add Rev] button
- Editing/Deleting revisions using the [Edit]/[Delete] button button:



- Ability to change the Document Type of a document and apply the change using the [Update Changes] button. In this case the Document Type change is applied to all revisions.

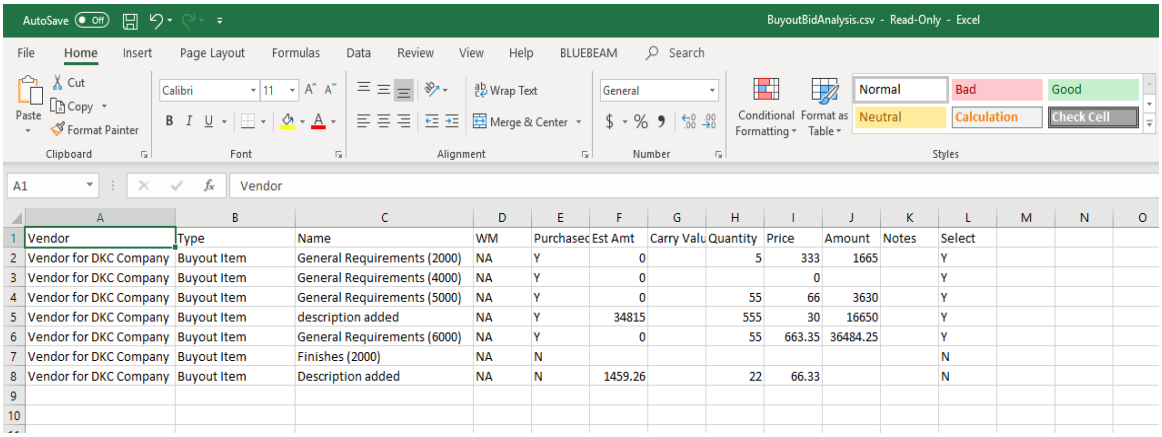


[Send to Spreadsheet] button added to Analyze Bids (Buyouts)
(19.71261)



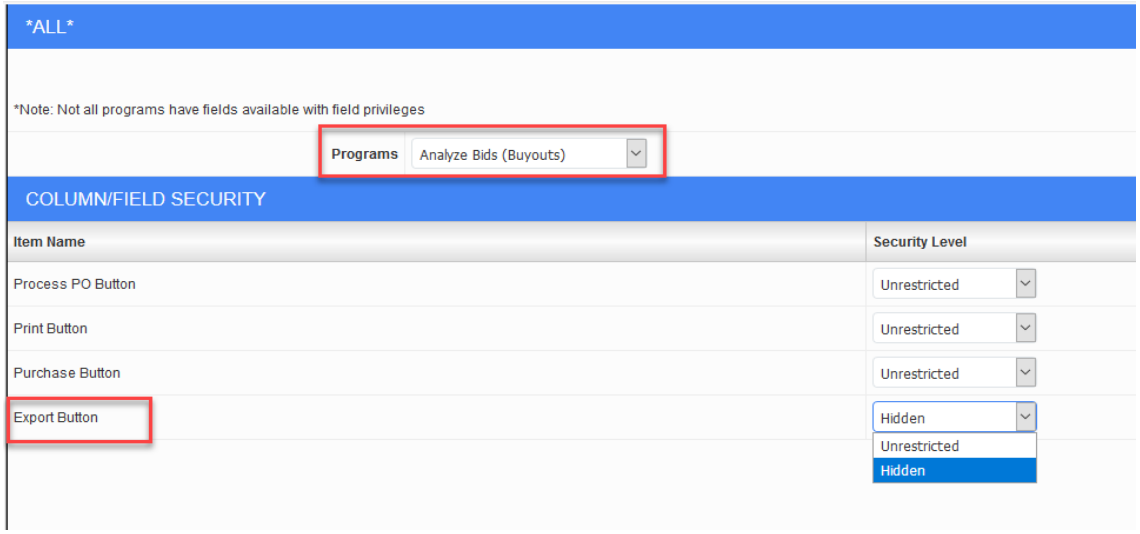
CMiC has added a [Send to Spreadsheet] button to the Analyze Bids (Buyouts) screen to allow users to export the data from the analysis screen to a CSV plain text file.

Sample output (opened using Excel):

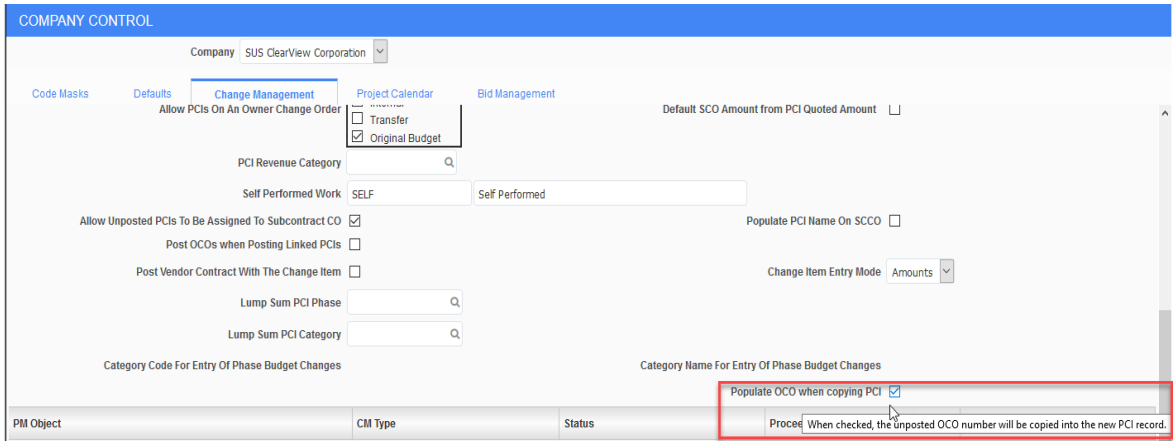


	A	B	C	D	E	F	G	H	I	J	K	L
1	Vendor	Type	Name	WM	Purchasec	Est Amt	Carry Valu	Quantity	Price	Amount	Notes	Select
2	Vendor for DKC Company	Buyout Item	General Requirements (2000)	NA	Y	0		5	333	1665		Y
3	Vendor for DKC Company	Buyout Item	General Requirements (4000)	NA	Y	0			0			Y
4	Vendor for DKC Company	Buyout Item	General Requirements (5000)	NA	Y	0		55	66	3630		Y
5	Vendor for DKC Company	Buyout Item	description added	NA	Y	34815		555	30	16650		Y
6	Vendor for DKC Company	Buyout Item	General Requirements (6000)	NA	Y	0		55	663.35	36484.25		Y
7	Vendor for DKC Company	Buyout Item	Finishes (2000)	NA	N							N
8	Vendor for DKC Company	Buyout Item	Description added	NA	N	1459.26		22	66.33			N
9												
10												

Field security can be applied to the Send to Spreadsheet ([Export]) button:



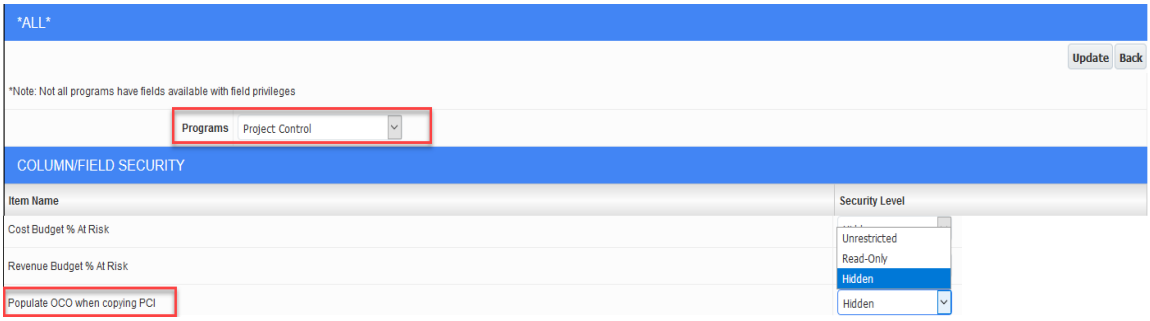
Populate OCO Field when Copying PCI – Project Control flag
(19.71356)



CMiC has added the flag: 'Populate OCO When Copying PCI' to the Change Management tab of the Project Control screen. This flag is used to decide whether the value in the OCO (unposted) field in the PCI header should be copied to the target PCI during the Copy PCI process. If the flag is checked, then the value of the OCO field is copied. If unchecked, the OCO field will not be populated on the new PCI record created from the copy.

By default, the flag is checked to preserve original functionality.

Field security can be applied to this new flag. The default value of the field security is ‘Hidden’ set on the *ALL* security role:



Default Bill Codes in PCI Details for Unit Price Contract Job (18.65771)

CMiC has added a Project System Options 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 Price Contract'.

By default, the flag is unchecked, to maintain existing standard functionality.

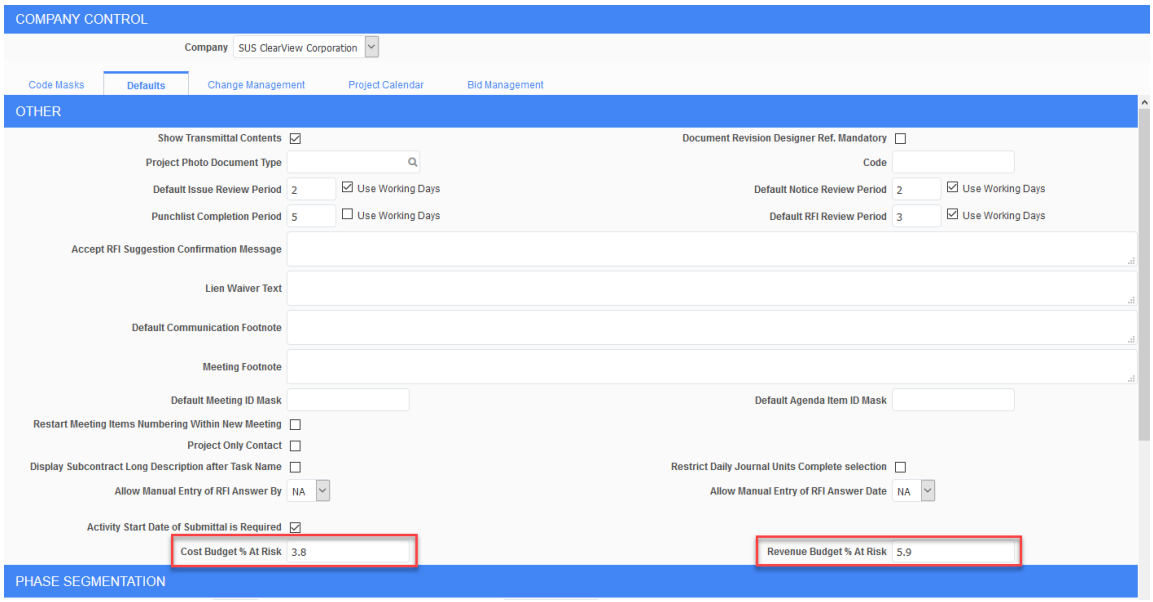
With this flag checked PCI Entry (JSP) has been modified to remove the restriction of a bill code not being populated in the PCI details for a Job that is flagged as a 'Unit Price Contract.

However, the bill code will still be populated based on all other existing bill code rules (such as the job type must be Job Billing, PCI type has to be external / transfer et.). Also, the bill code will be populated as per mapping rules defined. If WBS mapping is in use the bill code will only be populated on posting of the PCI.

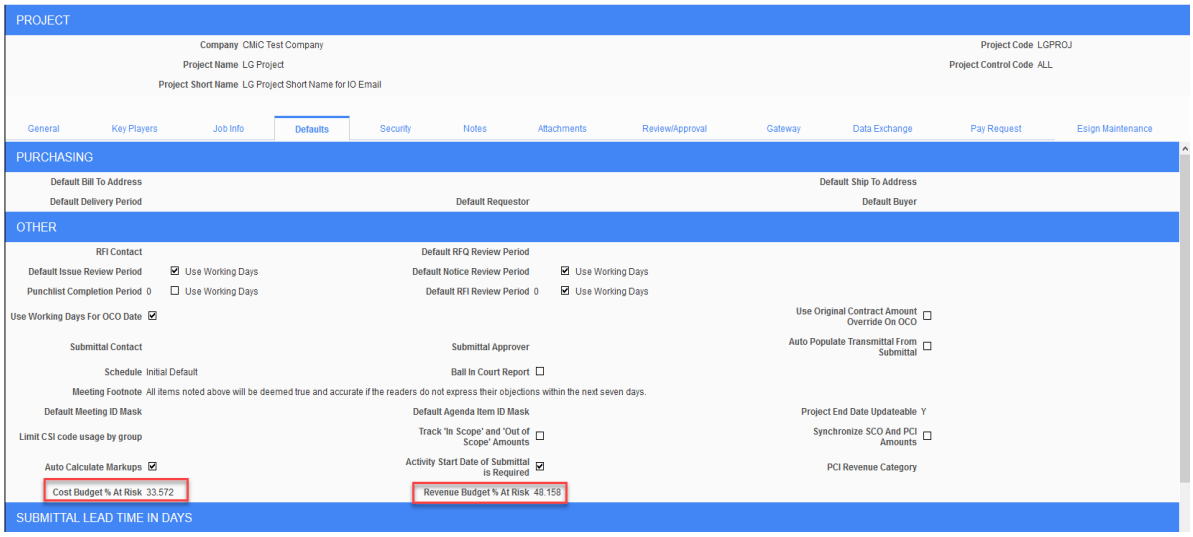
CORRECTION: Textura Flag Shown if RTI Mapping Defined (19.77363)

Subcontract Entry - corrections applied to show the Textura Flag only when an RTI Mapping is defined **and** field security for the Textura Flag is Unrestricted or Read-only.

PCI Projection – At Risk Percentages (18.64836)



PCI Projection enhancement - added At Risk Percentage default fields for Cost Budget and Revenue Budget to Company Control – Defaults tab, and these default to the Project Maintenance – Defaults tab when a new project is created, but can be overridden.



From the Project Maintenance, they get carried to the PCI Projection, but can be overridden.

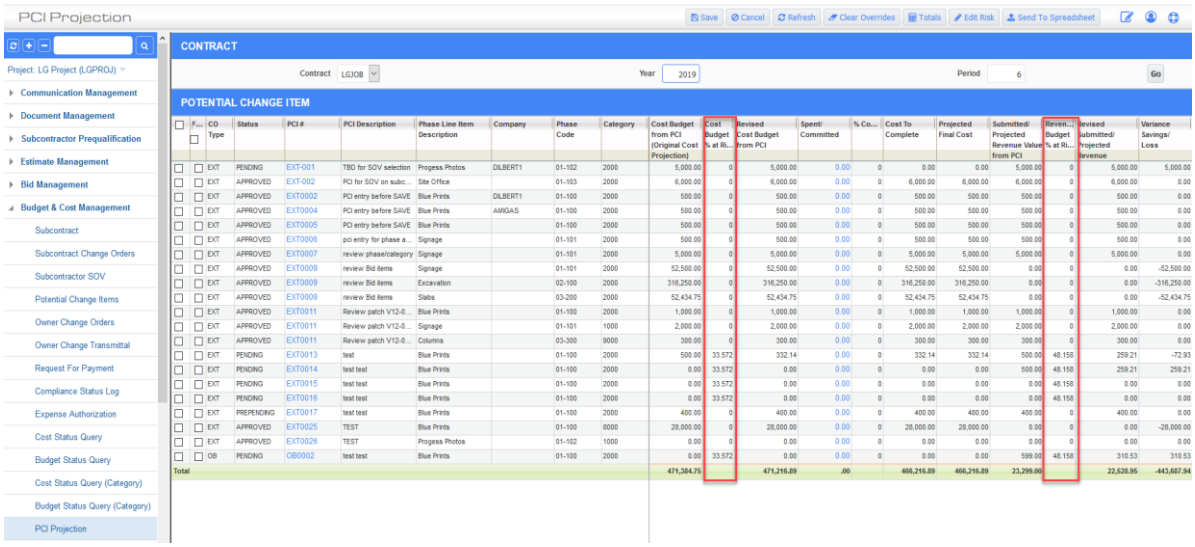
If PCI is PENDING and UNPOSTED value is populated from Project Maintenance.

If PCI is APPROVED and UNPOSTED value is 0%.

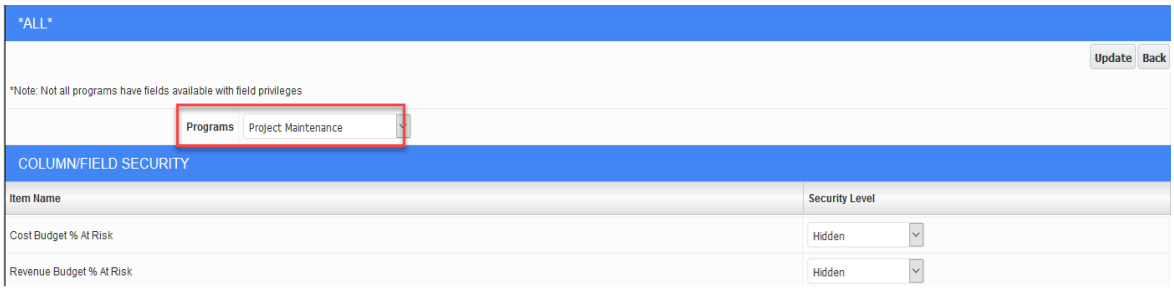
PCI POSTED in current period is not shown in PCI Projection report.

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.



Field security can be set for the two fields on the Project Control and the Project Maintenance screens, and their default value is 'Hidden' on the *ALL* security role:



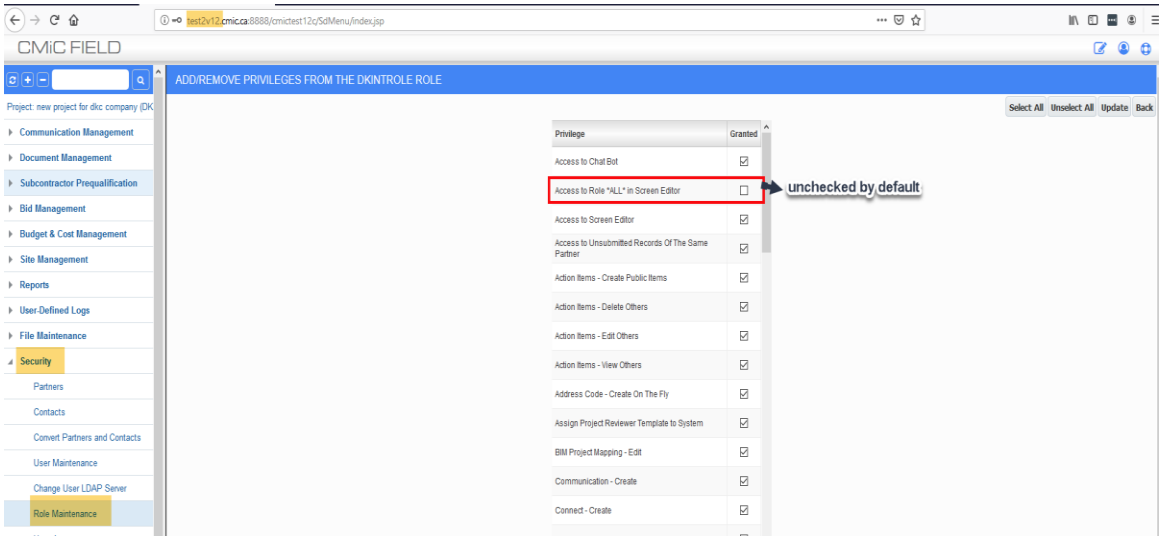
Project Control/Project Maintenance – Submittal Lead Times Removed (19.80437)

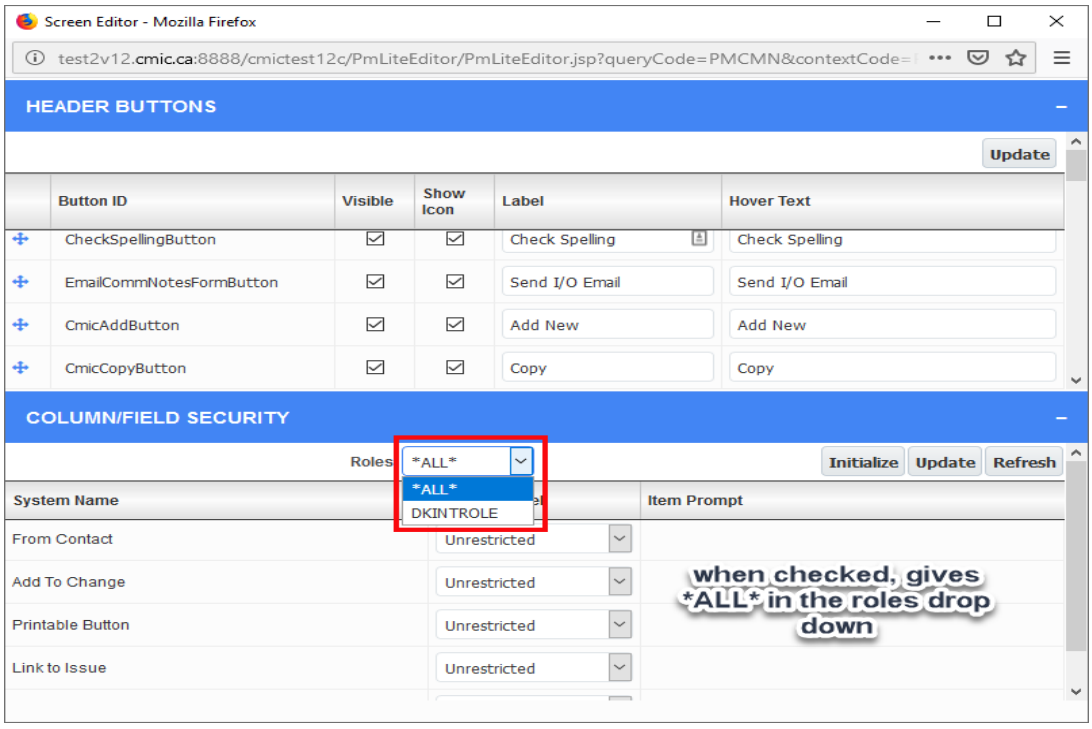
Project Control/ Project Maintenance - Submittals Preparation, Fabrication and Delivery fields have been removed from the Defaults tab of the screens, since they are no longer required by the new Submittal 2.0 screen/process.

Screen Editor – Added Privilege to Access *ALL* Security Role
(16.18599)

CMiC has added a System Role privilege “Access to Role *ALL* in the Screen Editor”. This privilege is unchecked by default. When checked, *ALL* option will be available along with other roles assigned to the user in the role dropdown list of Screen Editor pop-up.

Otherwise, only roles assigned to the user will be available in the dropdown list (current functionality).



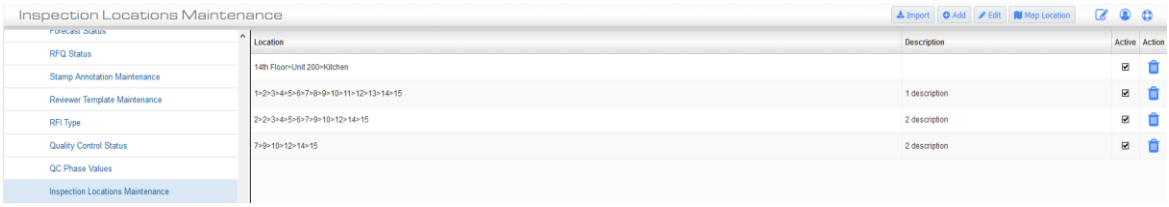


PSPDF Viewer – Modifications for Annotations (18.50703)

The following modifications have been made to the PSPDF Viewer as it relates to Annotations:

- 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.
- If the PDF file is opened from the Related Objects tab, we are automatically zooming the annotation.
- After Saving/Linking/Publishing, we are now Zooming into the annotation after refreshing.

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:

pmdlimp.ctl - Notepad

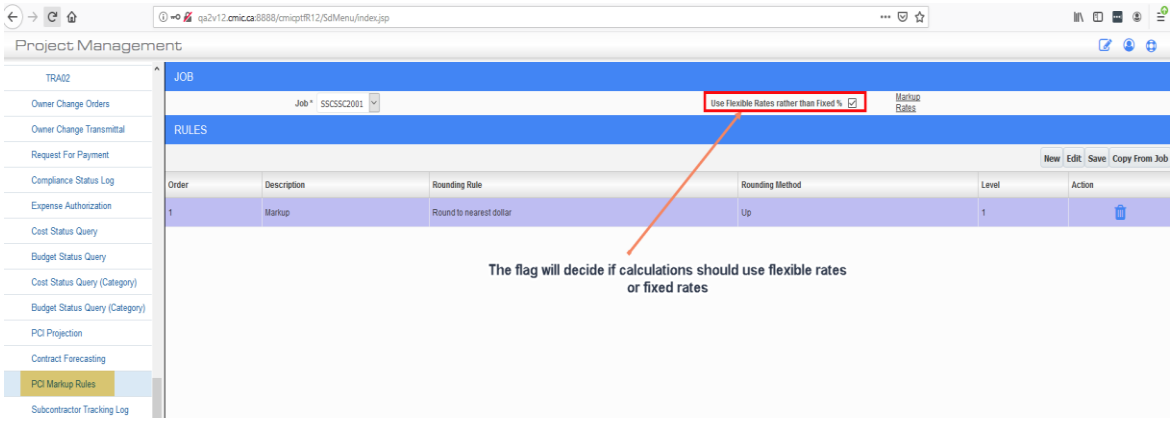
File Edit Format View Help

```
LOAD DATA
APPEND
INTO TABLE DA.PMFOREIGNDRAWINGLOCIMP_TN
FIELDS TERMINATED BY "," OPTIONALLY ENCLOSED BY '"'
(
  PMFDLI_PROJ_CODE,
  PMFDLI_LOC_SEGMENT1,
  PMFDLI_LOC_SEGMENT2,
  PMFDLI_LOC_SEGMENT3,
  PMFDLI_LOC_SEGMENT4,
  PMFDLI_LOC_SEGMENT5,
  PMFDLI_LOC_SEGMENT6,
  PMFDLI_LOC_SEGMENT7,
  PMFDLI_LOC_SEGMENT8,
  PMFDLI_LOC_SEGMENT9,
  PMFDLI_LOC_SEGMENT10,
  PMFDLI_LOC_SEGMENT11,
  PMFDLI_LOC_SEGMENT12,
  PMFDLI_LOC_SEGMENT13,
  PMFDLI_LOC_SEGMENT14,
  PMFDLI_LOC_SEGMENT15,
  PMFDLI_DESCRIPTION,
  PMFDLI_ACTIVE_FLAG
)
```

Project Contact – JSP 2.0 Enhancements (19.68963)

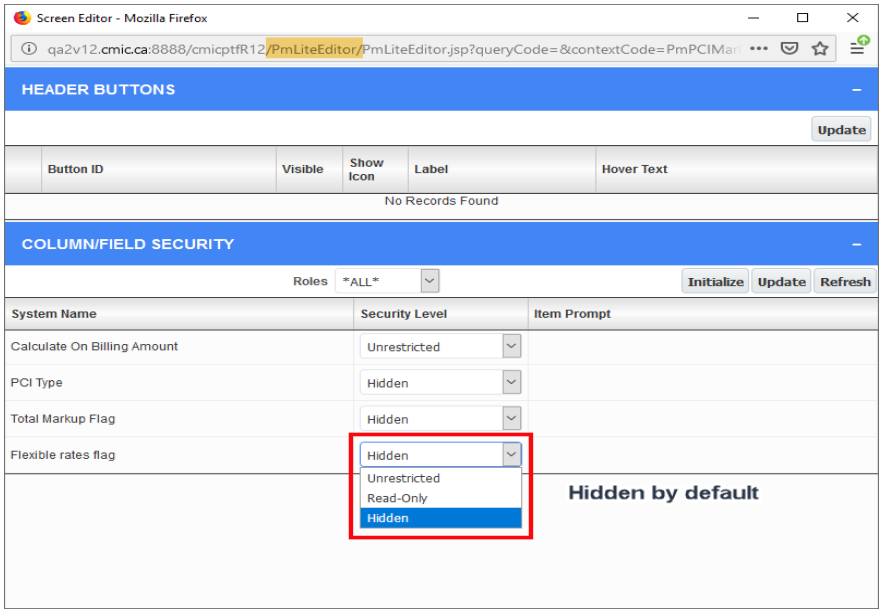
The new JSP 2.0 UI has been implemented for Project Contact Directory. This enhancement can be turned on by running the version script that is delivered in the patch under work item 3 of issue 19.68963. The patch release is in classic mode (the old display).

PCI Markup Rules – Flexible Rates Enhancement (19.73024)

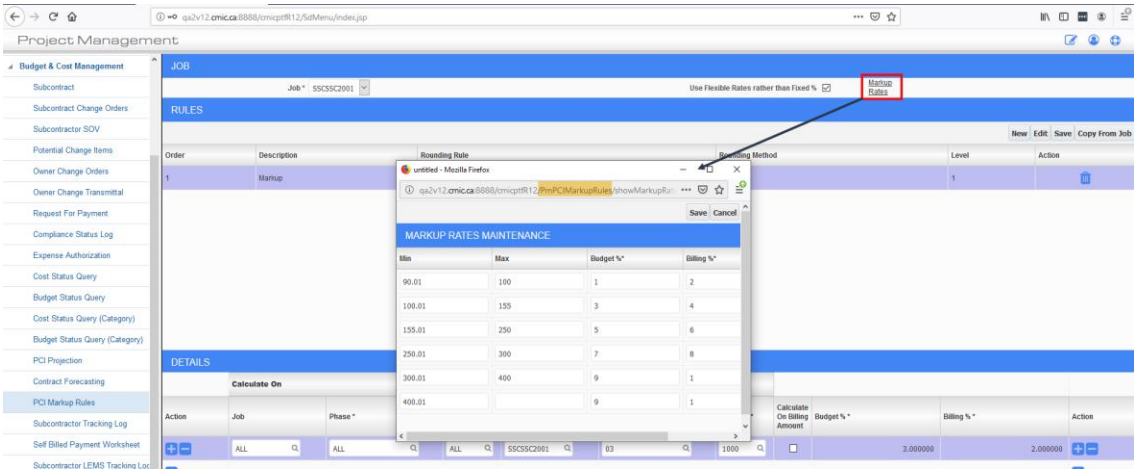


A [Markup Rates] link (or button) and [Use Flexible Rates rather than Fixed %] checkbox have been provided at the top on PCI Markup Rules setup screen. Both fields are controlled by field security (default is HIDDEN). The flag will be unchecked (off) by default.

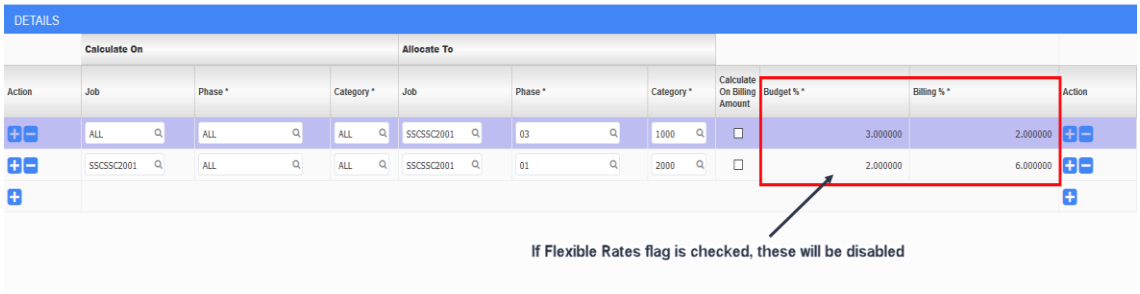
The [Markup Rates] link will appear only when the user will check the 'Flexible Rates' flag.



Clicking on [Markup Rates] will open the Maintenance screen to set the Markup percentages. The Maintenance screen (table) contains all the setup for each Markup Rule detail line.



When [Use Flexible Rates rather than Fixed %] flag is checked, Budget and Billing % fields will become non-editable and flexible rates (set up in the Maintenance screen) will be applied.

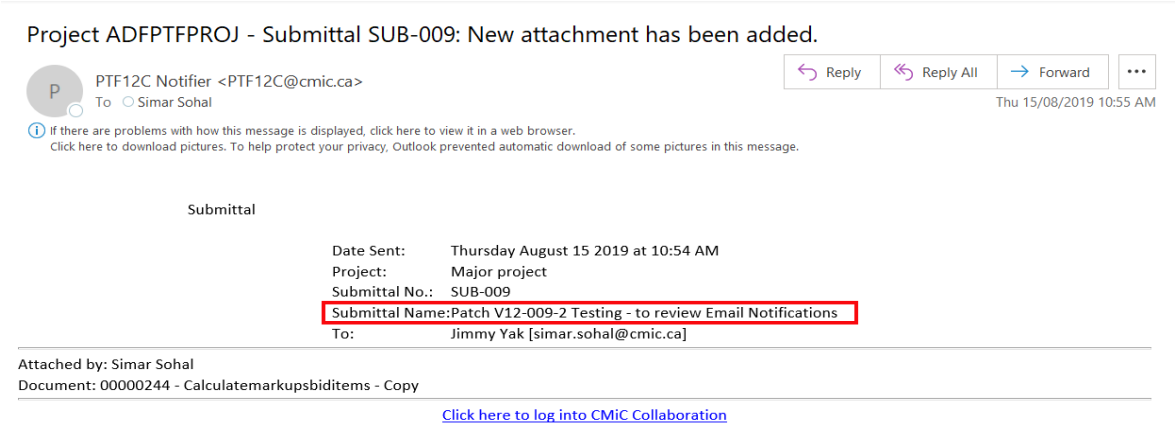


Important Points:

- If Flexible Rates flag is checked but no setup is there then the rates defined in rules detail line will be applied to all the amounts.
- In markup rates setup, if rate (Budget and Billing) is set to 0 then that mean this rule will not be applied to the amount within that range.
- If one of the rates has non-zero value, then rule will be applied.
- If minimum amount is set to null, system will consider that as 0.
- If maximum amount is set to null, then system will consider that as infinite.
- If user set more than one setup for same range of amount, then latest setup will be applied.
- If the amount falls beyond the setup ranges, then percentages set for highest amount range will be applied.
- The Flexible Rates flag is controlled by field security with HIDDEN, READ-ONLY and UNRESTRICTED.

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.



Project Contact – JSP 2.0 Enhanced (19.68963)

The Project Contact Directory program has been modified to JSP 2.0 (HTML 5) to improve the visual appeal and the user experience.

NOTE: This enhancement may require switching on (i.e. to non-classic mode) by running of the version script under work item 3 of this issue. (19.68963-3).

Contract Forecast - Added "Unbilled Revenue" Column (19.84209)

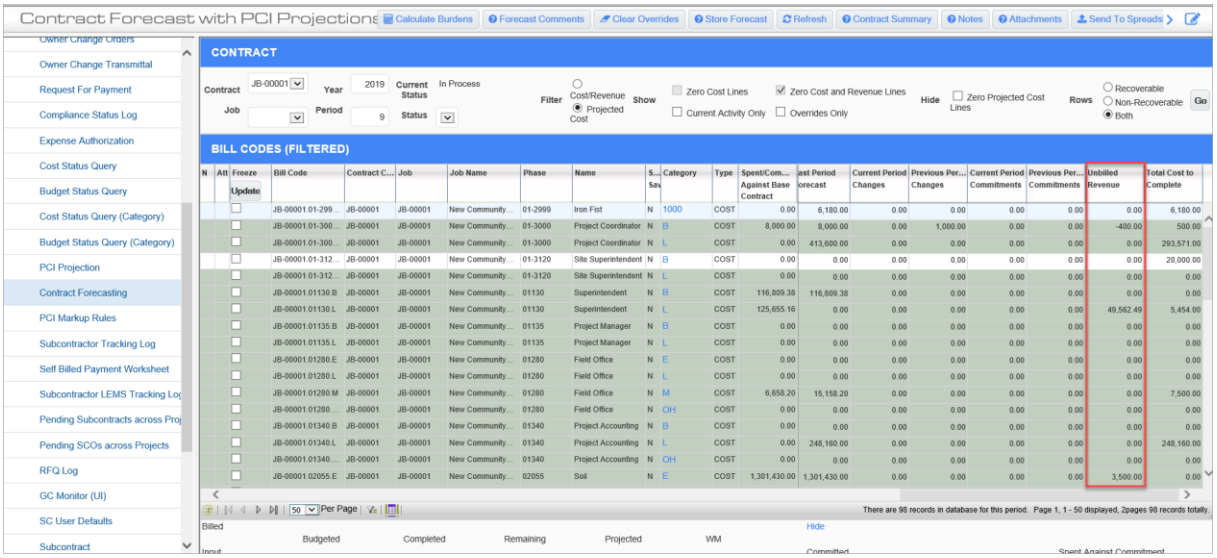
Field Security

Expose Unbilled Revenue field (JCCF_UNBILLED_REV_AMT) on Contract Forecasting screen, apply Field Security with HIDDEN (default) and READONLY options.

New column

Unbilled Revenue field from JC detail table exposed on Contract Forecasting screen.

This column is display only.



Please note accumulative revenue amount will be shown regardless of whether the cost transaction has been billed before or not.

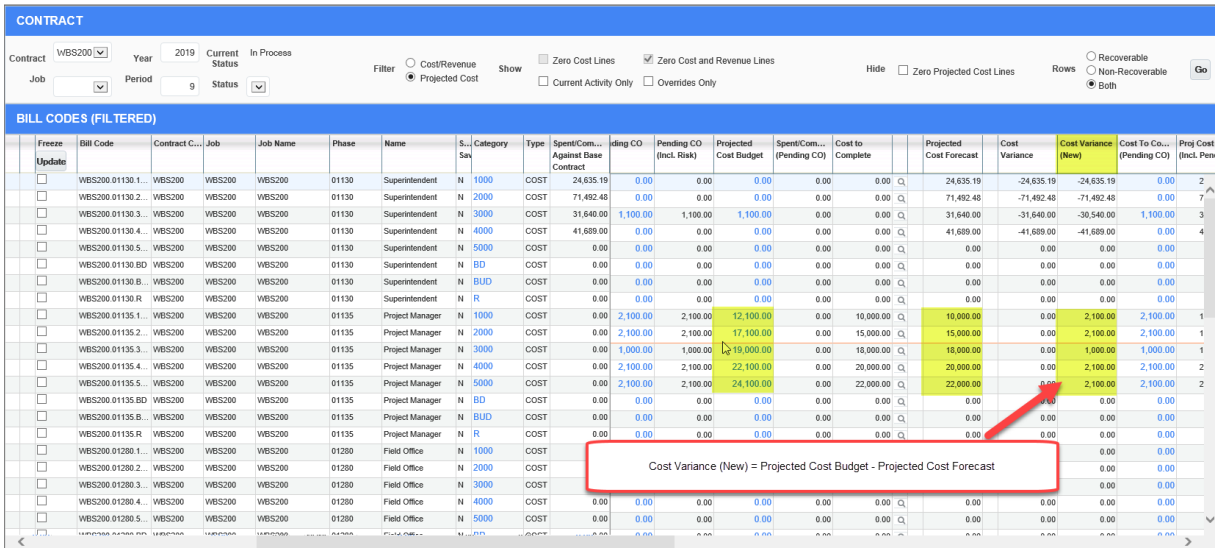
Contract Forecast - Added "Cost Variance (New)" Column (19.72862)

Added a column 'Cost Variance (New)' (JCCF_COST_VAR_AMT_NEW') on Contract Forecasting screen.

Field Security applies to the new column and is hidden by default for 'ALL' roles.

This is a display only column and the value is calculated as,

Cost Variance (New) = Projected Cost Budget less Projected Cost Forecast.



Contract Forecast - Completed Output Qty (19.72862)

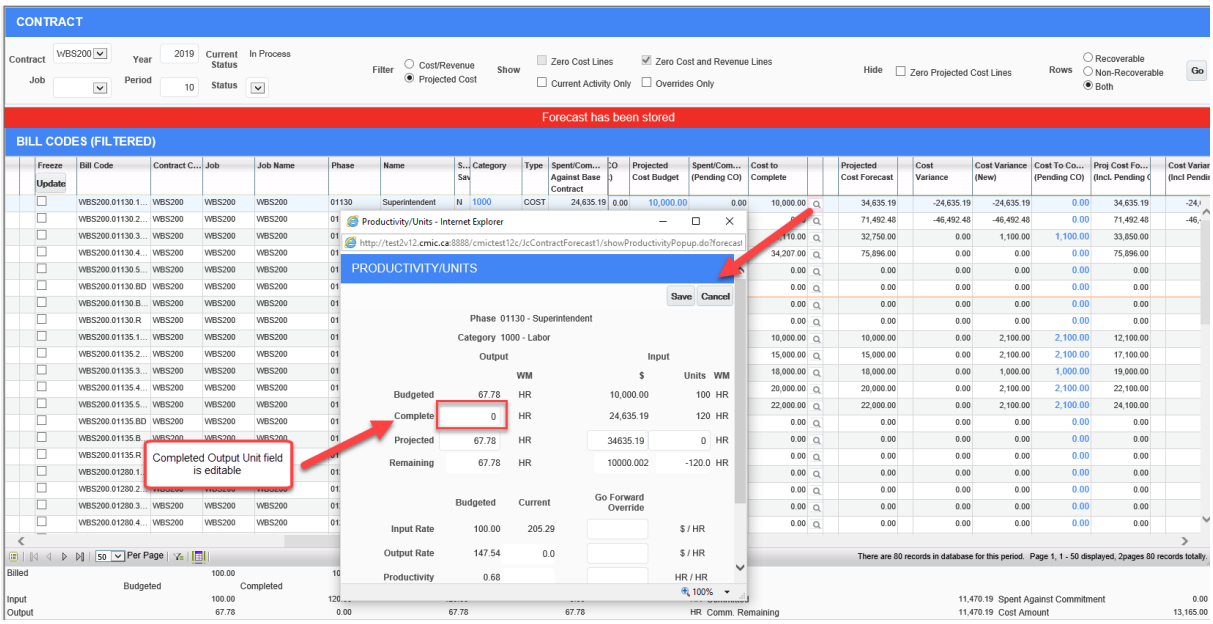
The Productivity pop-up > Completed Output Units field is available for update now.

The field is secured and 'Read-Only' by default for 'ALL' Role. Users may allow users with specific roles to have the privilege to update the field.

The Completed Output Units field is editable, and users can enter a value as required. Upon tabbing off the field, a red text message reading 'Units Complete have been changed and xx.xxx units will be posted upon save.'

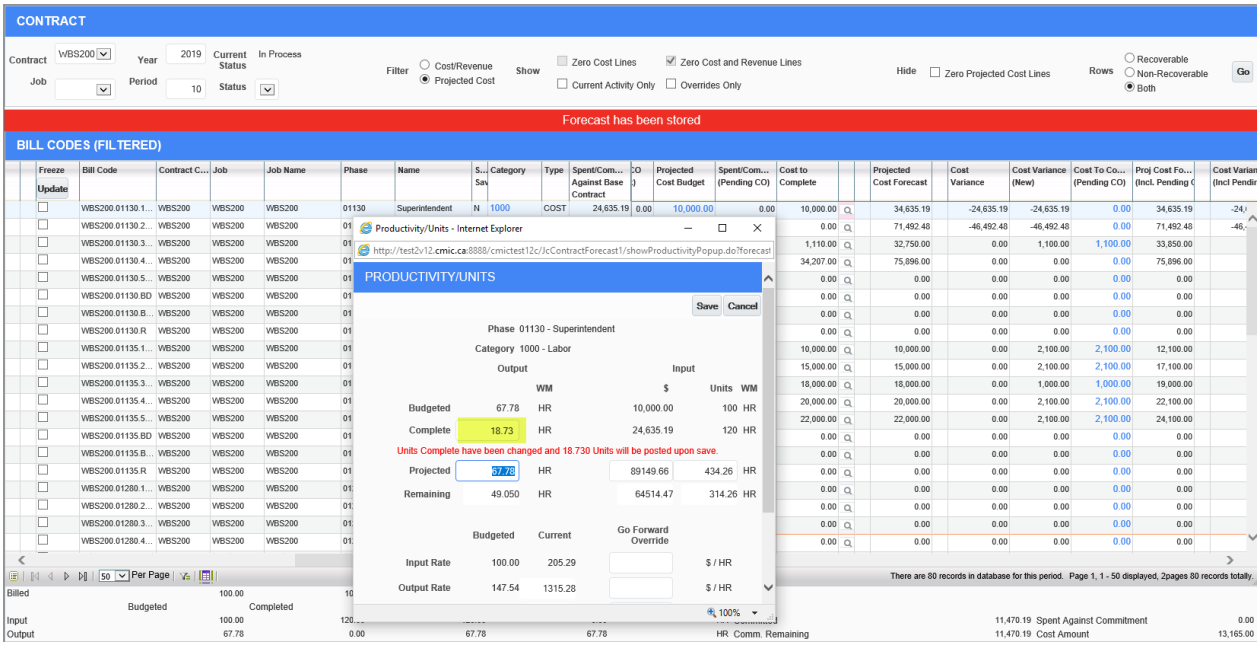
Pressing 'SAVE' will post the JC Phase Units to the table and refresh the forecast to reflect the newly completed output units. All other columns will be recalculated as an existing functionality.

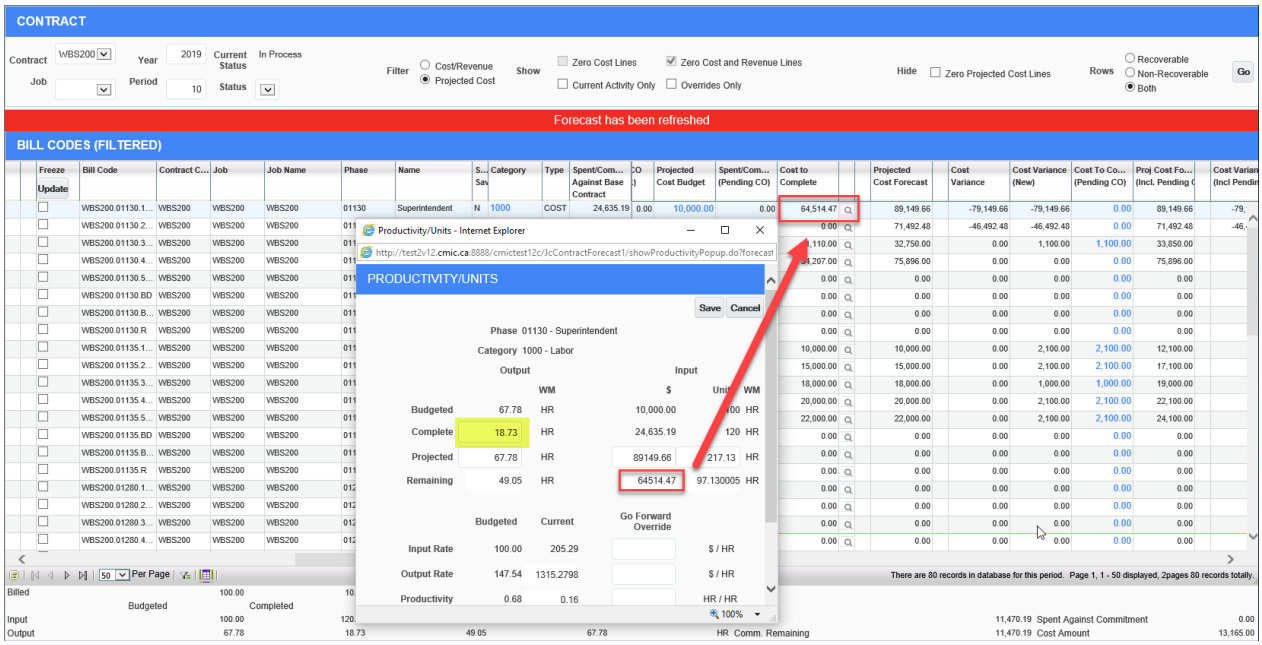
Pressing 'Cancel' will cancel the qty update and close the pop-up.



The following example shows already ‘Overridden’ Productivity pop-up where user updated the completed Units and saves to post the same.

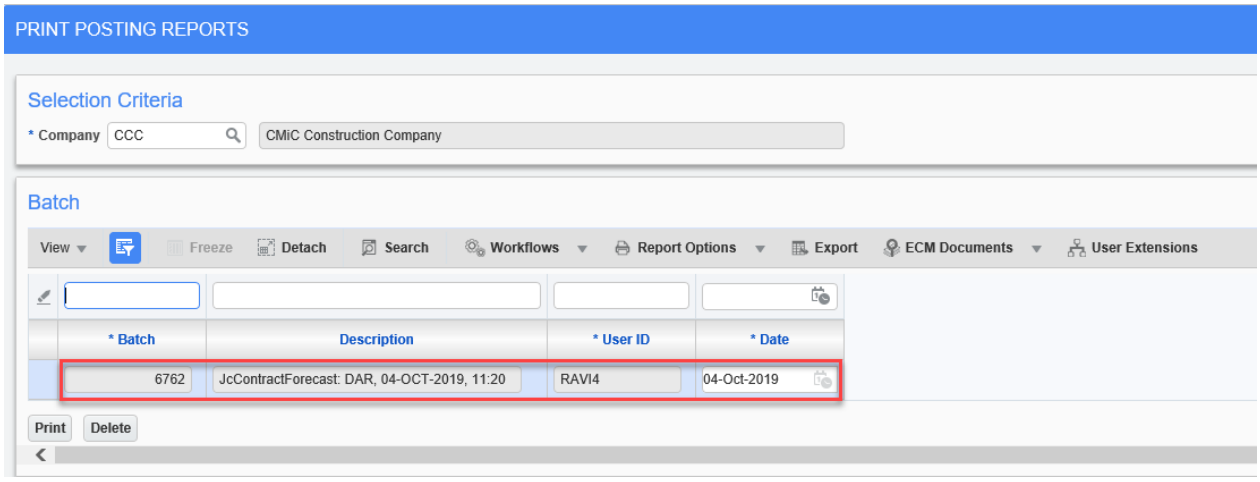
Note: The Update of Completed Output Units and posting upon ‘SAVE’ is NOT considered as an override. Hence, when updaing the Output Qty with no previous overrides to any other field, will NOT be considered as an override to the CTC column in the main screen.





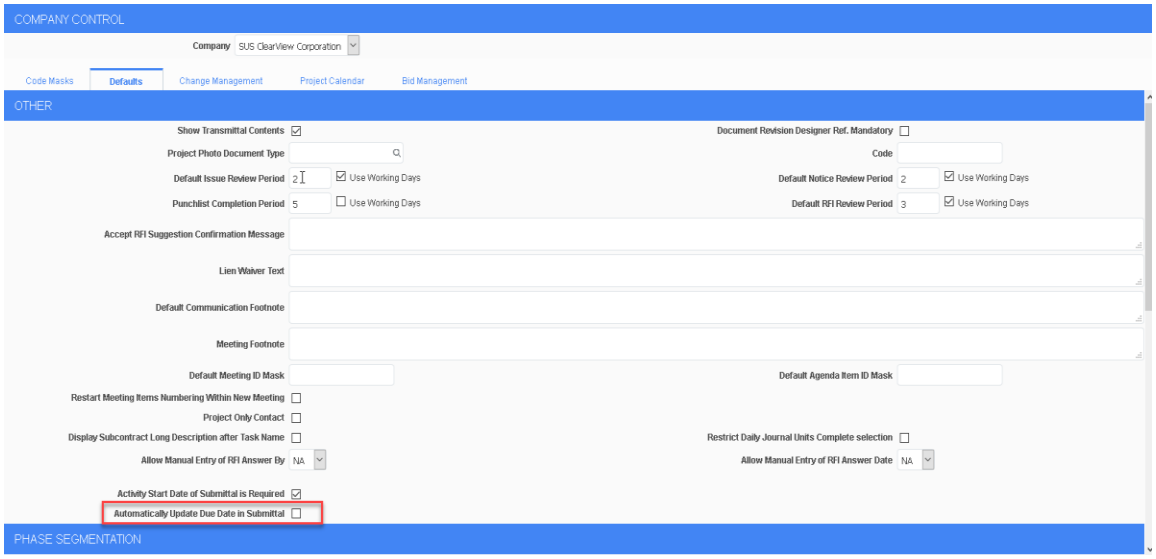
Posted Unit Transaction Batches:

Users will be able to print the report from ‘print Posting Reports’ under the standard menu JC > Utilities.



NOTE: The ‘Units’ will be posted with ‘System Date’ as ‘Post Date’, regardless of the current Forecasting Period in the Forecast header.

Project Control - Automatically Update Due Dates on Submittal (19.86143)



CMiC has added a new flag to Project Control > Defaults tab: "Automatically Update Action Due Dates".

If this flag is checked., the system automatically updates the Due Dates for each stage in the submittal workflow – based on the user entering an Action Date. When an Action date is entered, the system uses that date plus the remaining lead times between each step, to update the Due Dates.

PCI Source – Defaulting N/A Conditionally (19.84691)

The logic for the PCI Source field has been modified to automatically default to N/A only when the PCI_SOURCE_TYPE is mandatory entry into sys_alternate_feature is made and Source Type is read-only or hidden.

Bid Package – Edit functionality for Notes tab (19.82356)

Bid Packages - Edit functionality added in Notes tab. Field security added for Edit and Delete Notes.

Daily Journal - Import of Manhours (19.80677)

Manhours can now be imported into the Daily Journal Tasks tab.

OCO – Field Security for [Recalculate Markups] Button (19.79753)

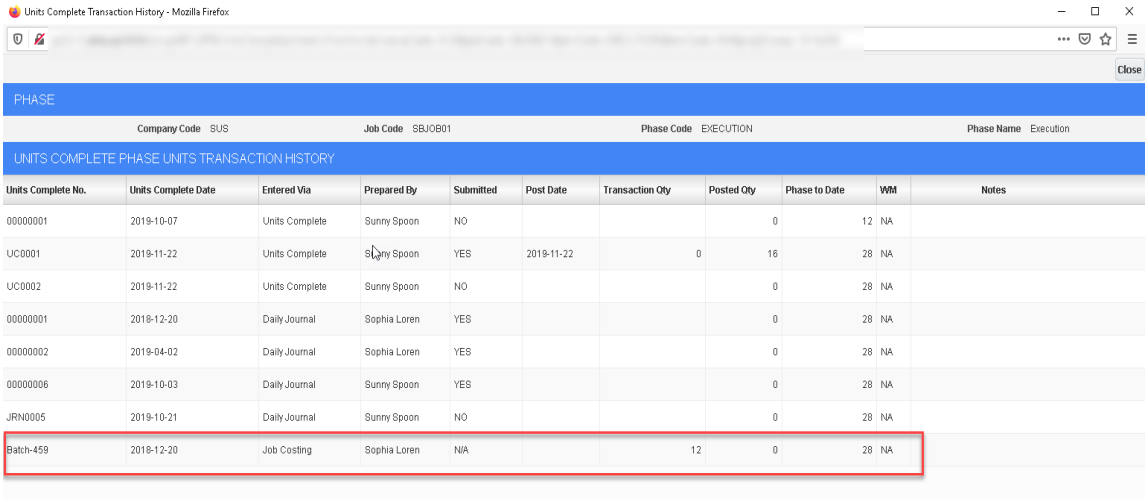
Added field security for the [**Recalculate Markups**] button in the Post popup.

Communications – Free Form Entry Field added (19.75545)

CMiC has added a FreeForm check-box next to the “To” field in Communications. When checked, the Contact LOV is replaced with the Free Form entry field.

The FreeForm checkbox can be secured with field security providing two options: hidden (default) and unrestricted.

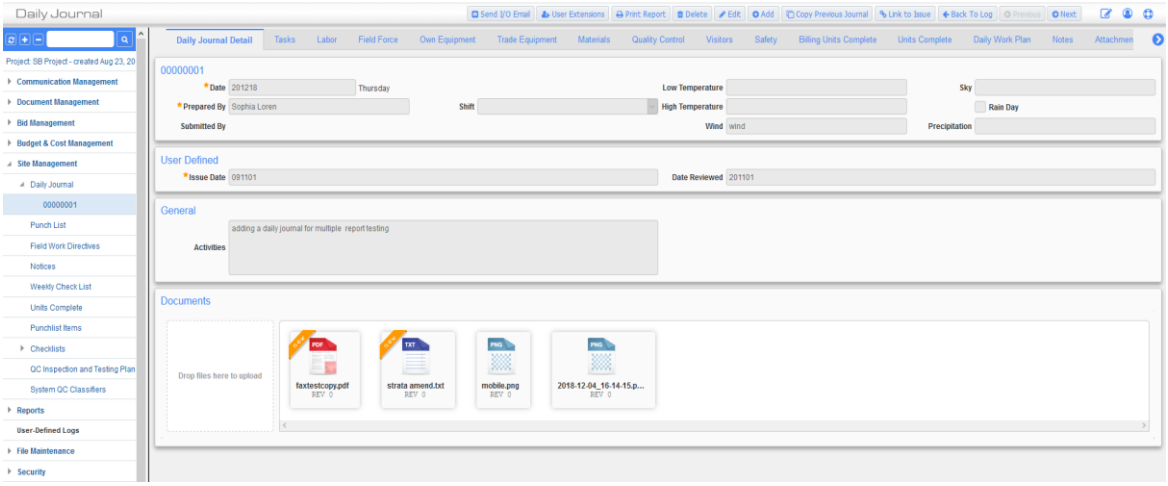
Units Complete – History shows Job Cost Transactions (18.67726)



Units Complete No.	Units Complete Date	Entered Via	Prepared By	Submitted	Post Date	Transaction Qty	Posted Qty	Phase to Date	WM	Notes
00000001	2019-10-07	Units Complete	Sunny Spoon	NO			0	12	NA	
UC0001	2019-11-22	Units Complete	Sunny Spoon	YES	2019-11-22	0	16	28	NA	
UC0002	2019-11-22	Units Complete	Sunny Spoon	NO			0	28	NA	
00000001	2018-12-20	Daily Journal	Sophia Loren	YES			0	28	NA	
00000002	2019-04-02	Daily Journal	Sophia Loren	YES			0	28	NA	
00000006	2019-10-03	Daily Journal	Sunny Spoon	YES			0	28	NA	
JRN0005	2019-10-21	Daily Journal	Sunny Spoon	NO			0	28	NA	
Batch-459	2018-12-20	Job Costing	Sophia Loren	N/A		12	0	28	NA	

Units Complete - applied modifications to allow display of Job Units Complete transactions (from Job Costing - ADF) into the Transaction History popup.

Daily Journal - JSP 2.0 Enhanced (19.71490)

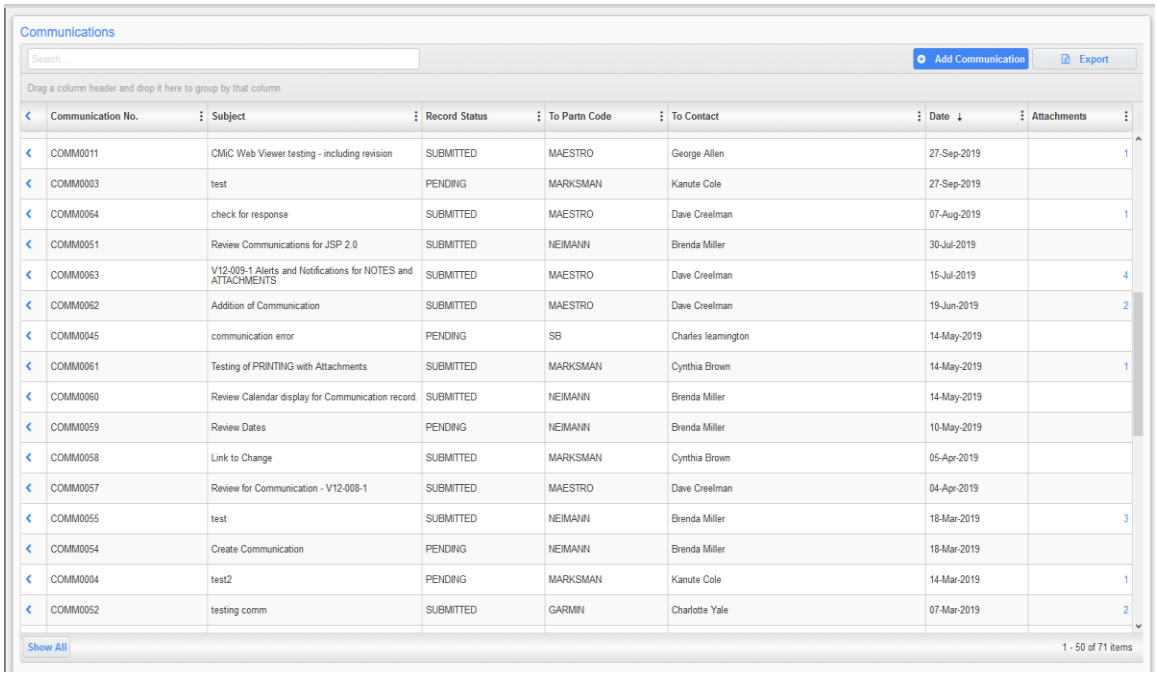


The Daily Journal program has been modified to improve the visual appeal and the user experience. There is no change in the underlying functionality of the various tabs.

NOTE: This enhancement may require switching on (i.e. to non-classic mode – 2.0) by running of the version script under work item 5 of this issue. (19.71490-5). Please contact CMiC.

JSP Logs and Document Folders - JSP 2.0 Enhanced (19.74476)

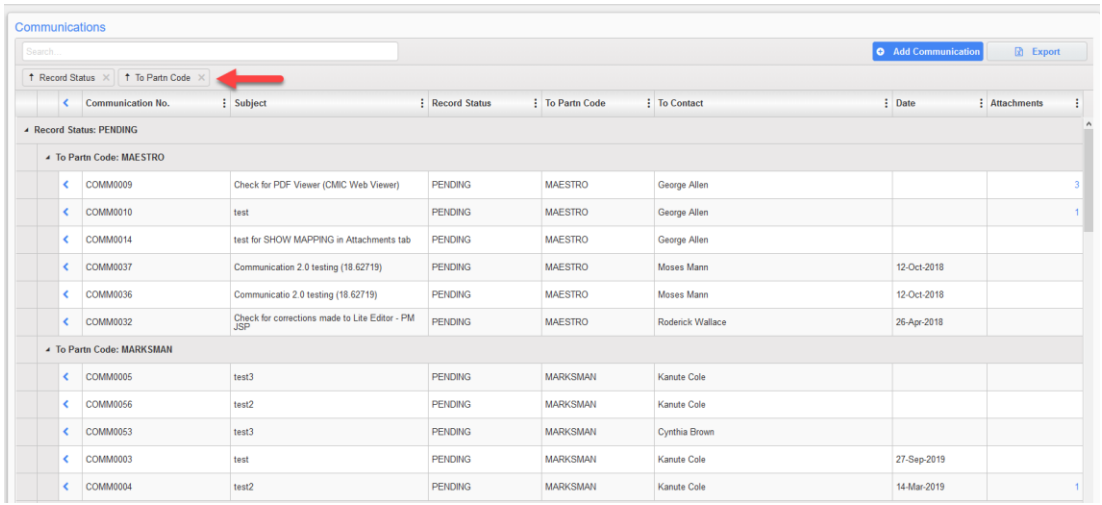
JSP LOGS



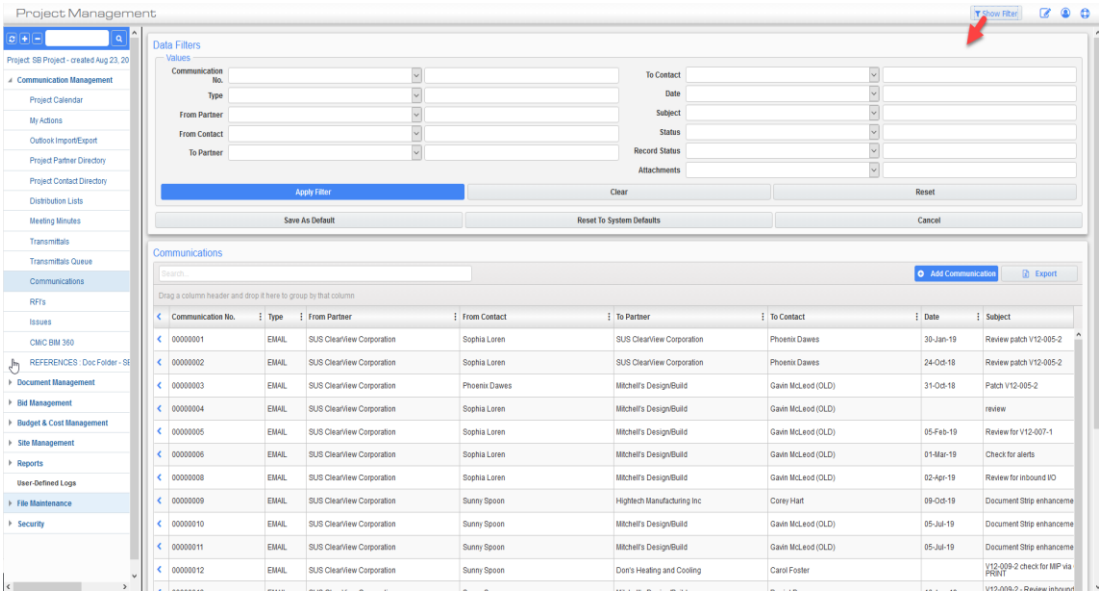
Example – Communication Log

The JSP Logs program has been modified to improve the general visual appeal and user experience. Here are some of the features that this enhanced program delivers:

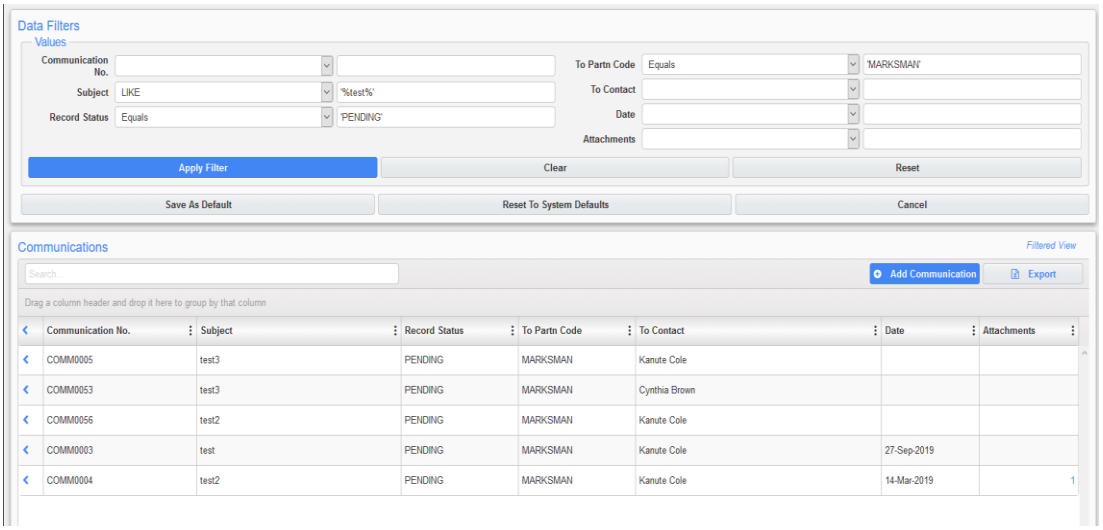
- Search bar – type in the search term and press [Enter]
- Ability to drag and drop one or more column headings in the grouping area to allow the log records to be grouped by that selection:



- Filter - click [**Show Filter**] to display the Data Filters that are currently defined for the log (use *File Maintenance* > *Default Filters* to make any changes for the default filters of a particular log).

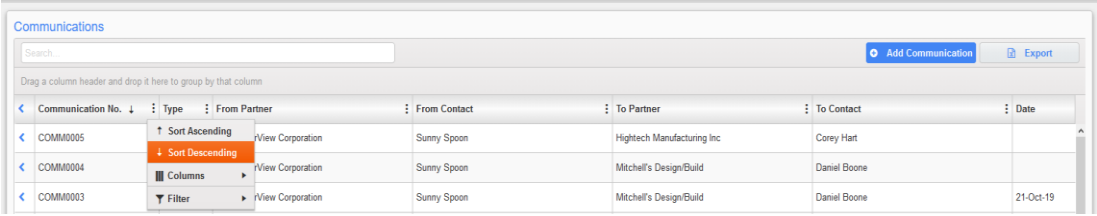


Example:



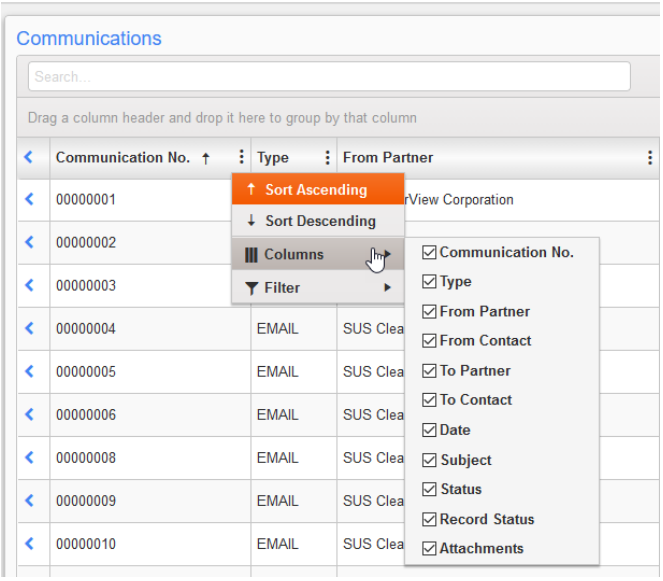
- Click Sort on column headers – ascending and descending

- Edit column settings using ⋮:

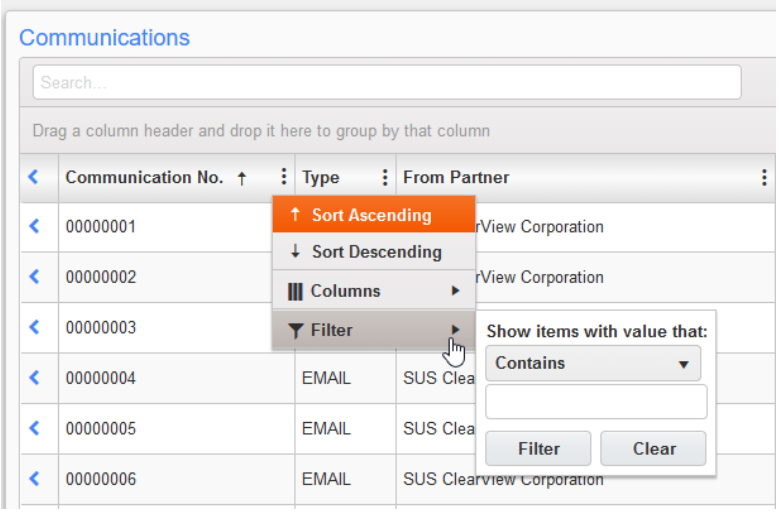


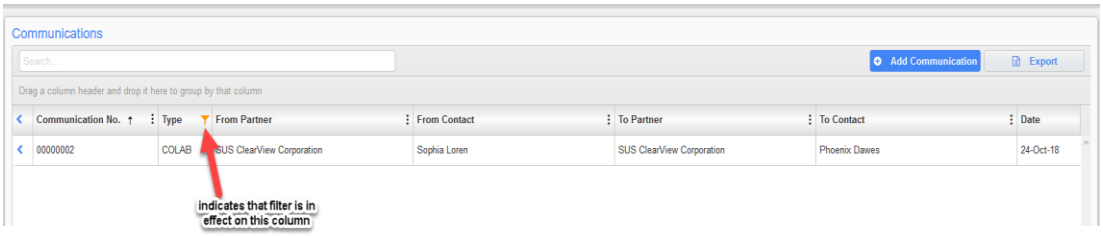
Current sort order is highlighted in orange.

Columns selected:



Column filter settings:



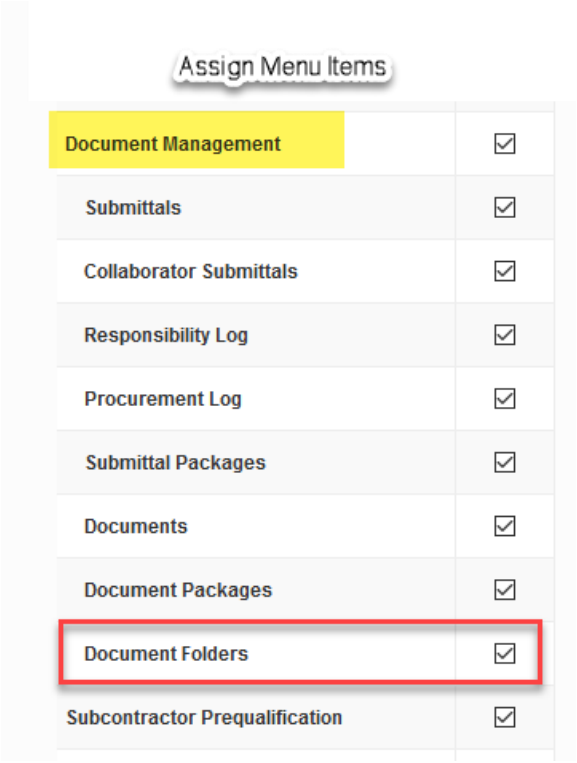


- A [**Show All**] button to display all log records for a given log (the first 50 records are shown by default).

DOCUMENT FOLDERS

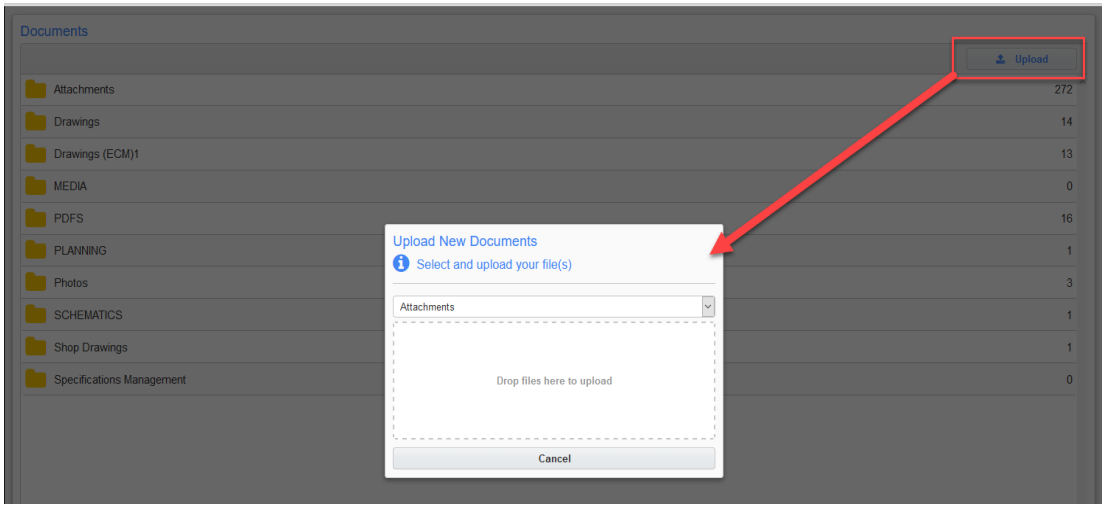
The previous Documents program has also been modified. It is now renamed to **Document Folders** (for 2.0), since it in fact displays folders for the document types that are defined in the system, and to which the user has access.

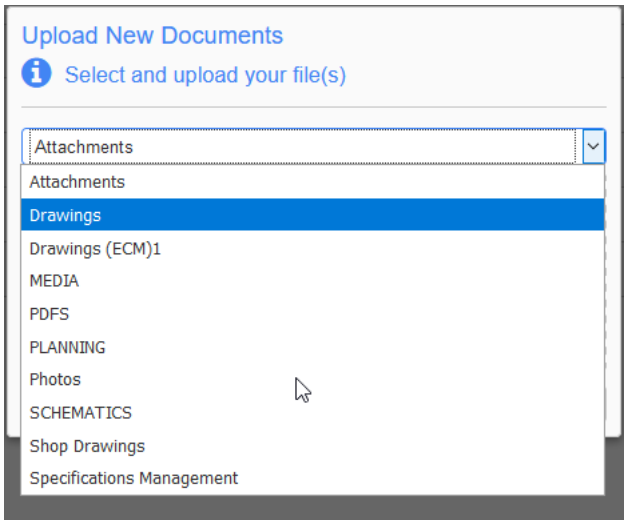
- Security access will need to be assigned to this menu item (program) in *Security* > *Role Maintenance* > *Assign Menu Items* > *Document Management* > *Document Folders*, since it is a separate menu item from the older classic program: Documents.



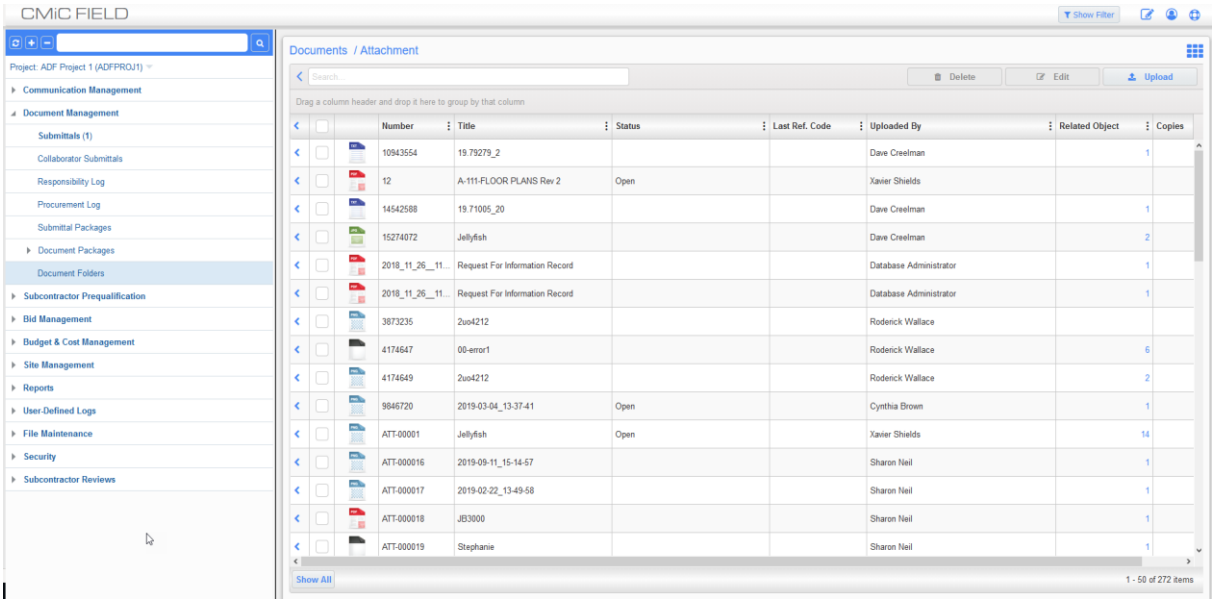
The number of documents in each document type folder is displayed at the far right.

- Click the [**Upload**] button to upload one or more files into any folder. The user can select the document type folder that the files will go into:





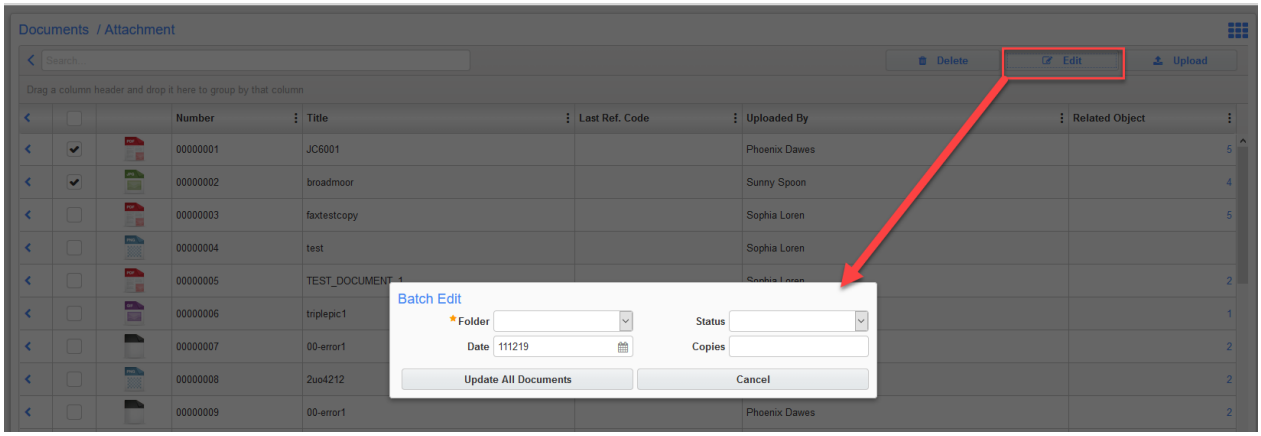
- Click on a document type folder to see the documents within:



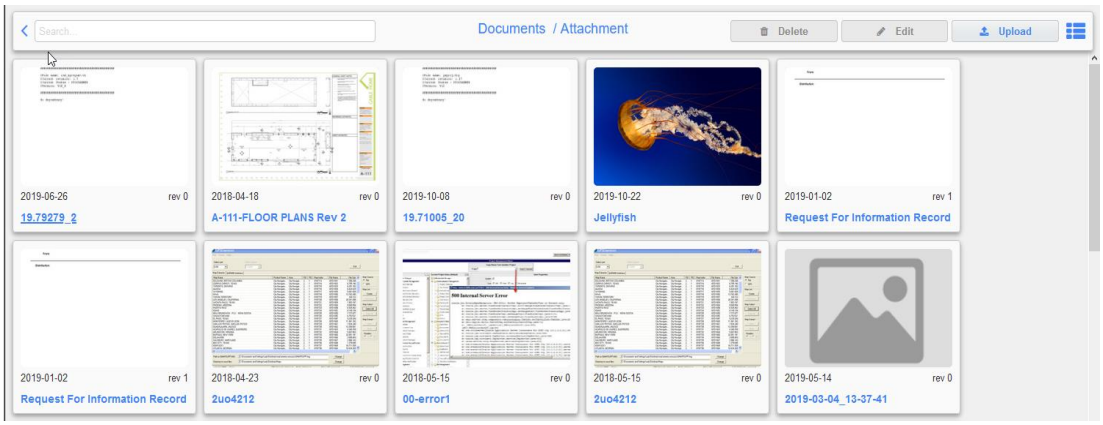
- Select one or more documents using the checkbox on the left side then click

  Delete – to delete them

  Edit – to execute a mass update (Batch Edit) of the fields shown in the popup:

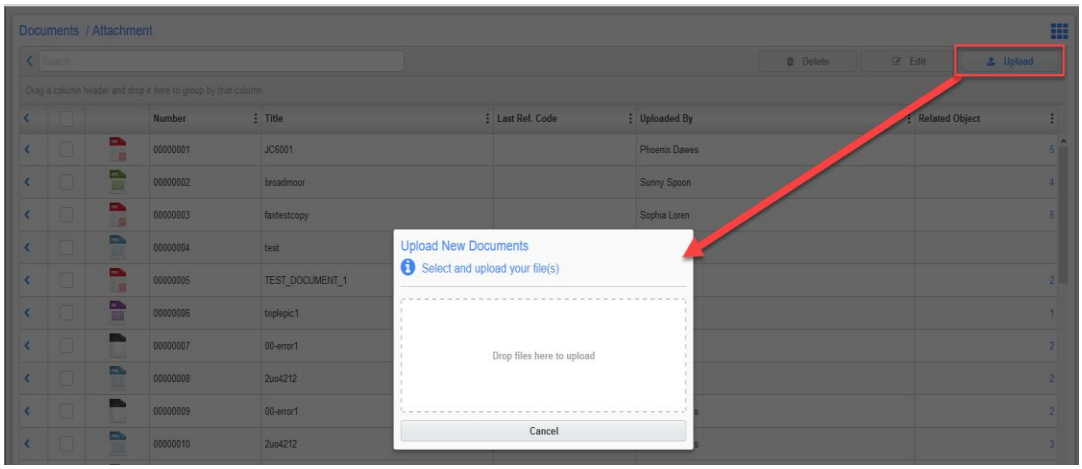


- The icon provides toggle between thumbnail and log view:



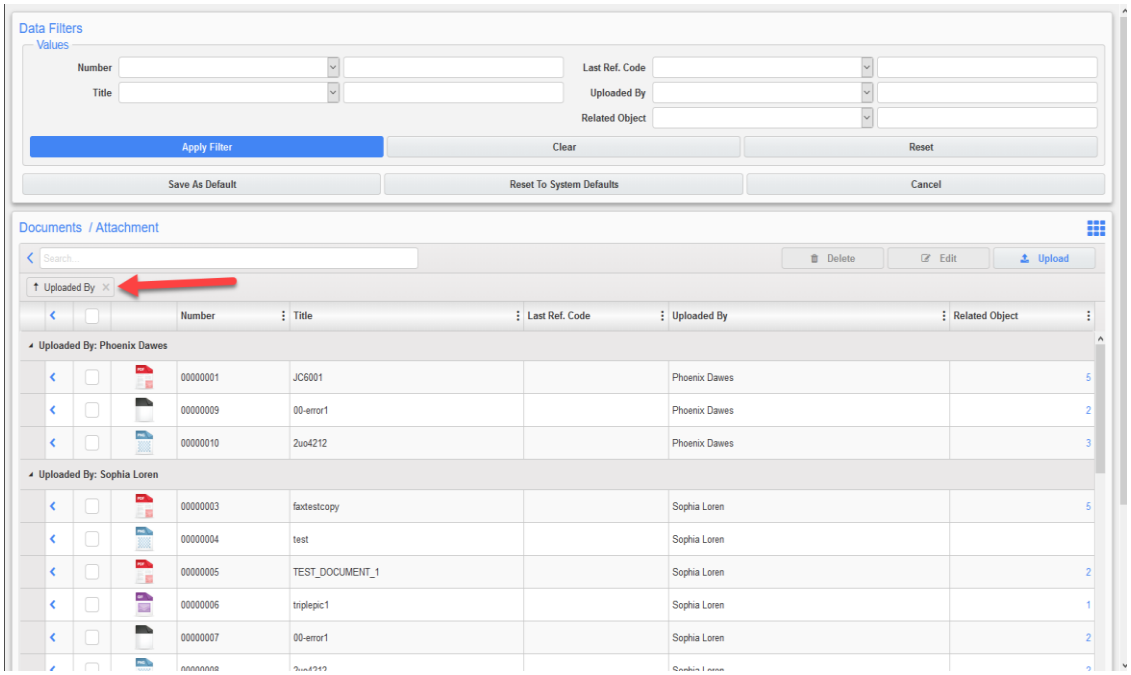
Thumbnail View

- Use the [**Upload**] button to upload files to this document type…no document type folder selection is available in this case:



- [**Views**] – this displays the Data Filters that can be applied to the log
- Search – enter search term and press [**Enter**] to quickly get to a particular document record

- Use the drag + drop of the column headings in the area shown, to display the log in groups based on the selection:

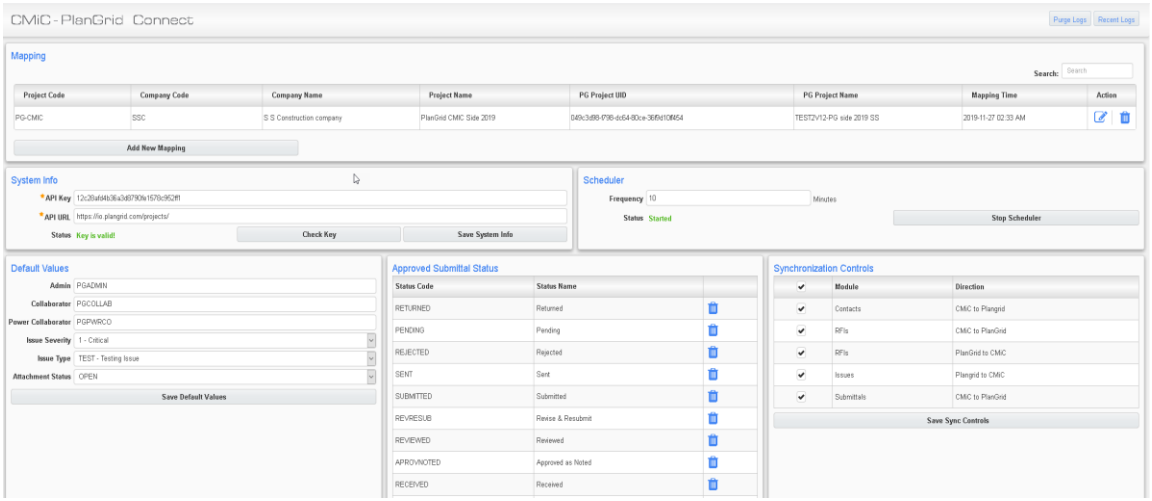


NOTE: This enhancement may require switching on (i.e. to non-classic mode – 2.0) by running of the version script under work item 12 of this issue. (19.74476-12). Please contact CMiC.

Project Role Privilege to Access Submittal Screen vs Collaborator Submittals (19.87055)

CMiC has added a Project Role privilege to allow collaboration users access to the full Submittal screen (when accessing link from email or My Actions page) rather than the Collaborator Submittals screen.

PlanGrid/CMiC Synchronization – New User Interface (16.25644)



CMiC has introduced a new R12 interface for the PlanGrid application. No functional change in the synchronization process has been made, changes have only been made to HTML, CSS and JS levels.

Meeting Minutes – Field Security for [Copy Agenda items] (19.90215)

Meeting Minutes - Added field security for the Copy Agenda Items button. Possible setting is Unrestricted or Hidden. It is Unrestricted by default.

Disable External File Sharing flag – Project Maintenance (19.72286)

The following changes have been made to prevent downloading of files from PM JSP in some areas:

- Introduction of the Disable External File Sharing flag- Project Maintenance - when external file sharing flag is checked, the attachment checkboxes become disabled;
- applied changes to disable external file download if flag is checked in Project Maintenance program;
- also changes made to hide the [Download (save as)] icon, [Download Drawing Set] button if the "Disable External File Sharing" flag is checked.

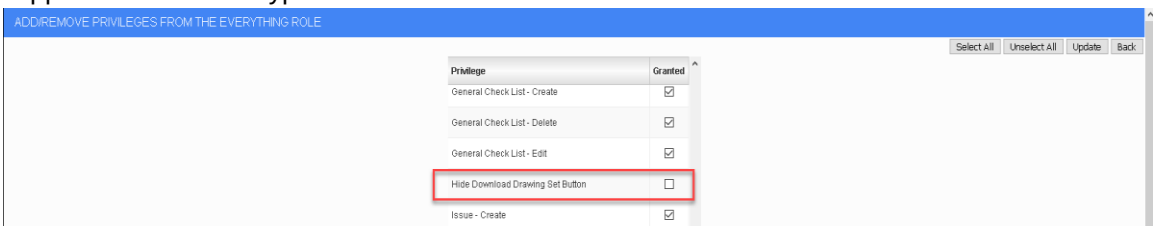
These are the places modified so far:

If Disable external files sharing flag is checked

- PMDocument: download button is hidden, and the right-click context is
- disabled when clicking the hyperlink (of files)
- CmicioEmailUpdFrm: in the Attachment section, all checkboxes are disabled. I/O
- email is not allowed to attach any files as attachment.
- PSPDF Viewer: the download button is not available.
- SysLogQuery: to hide [Download Drawing Set]> header button in the Drawings -ECM
- program.

Privilege to Hide [Download Drawing Set] Button (19.83951)

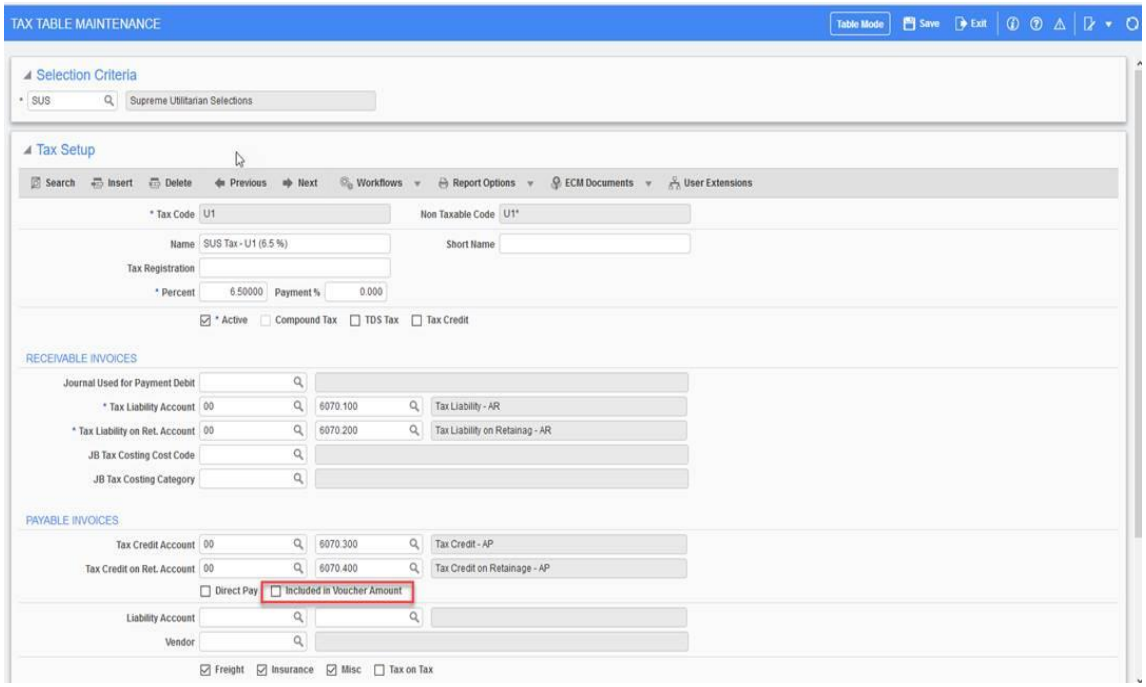
Drawing Management - Added privilege to Hide Download Drawing Set button in Documents screen – applies to document type = DRAWMGMT.

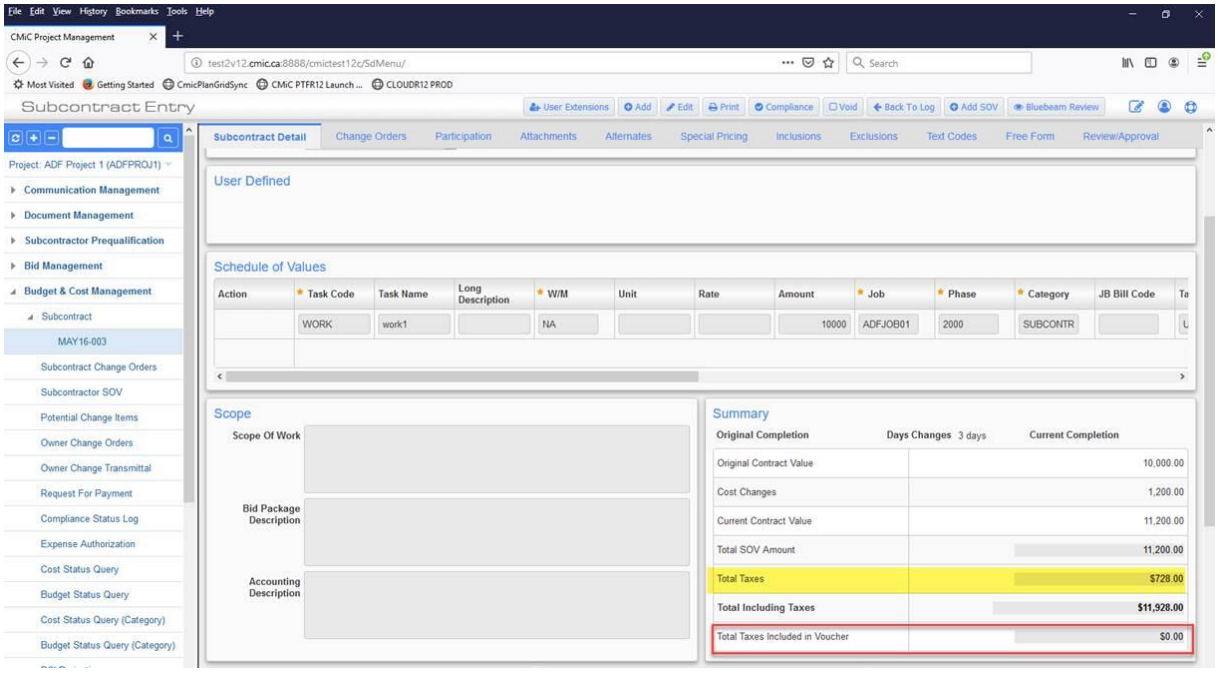


Subcontract Entry – Total Taxes Included in Voucher (19.83664)

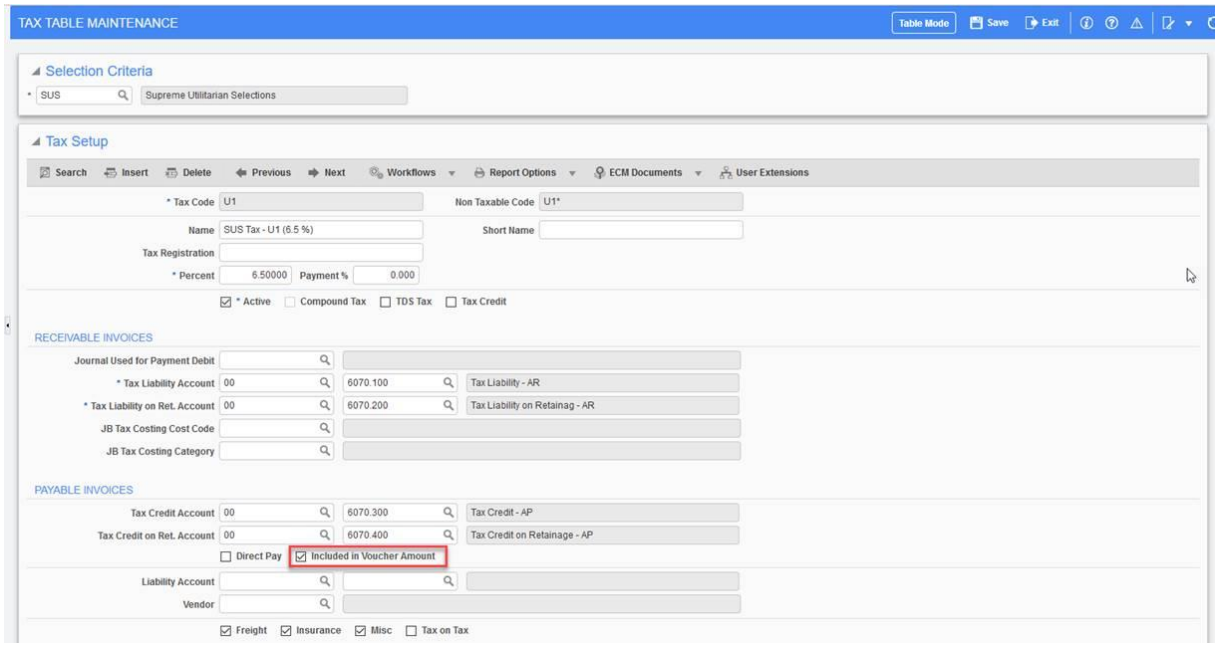
This is new functionality for PM JSP, is to show the Tax Amount in the field “Total Taxes Included in Voucher” when the flag “Included in Voucher Amount” in the Tax Code setup screen (ADF) is checked.

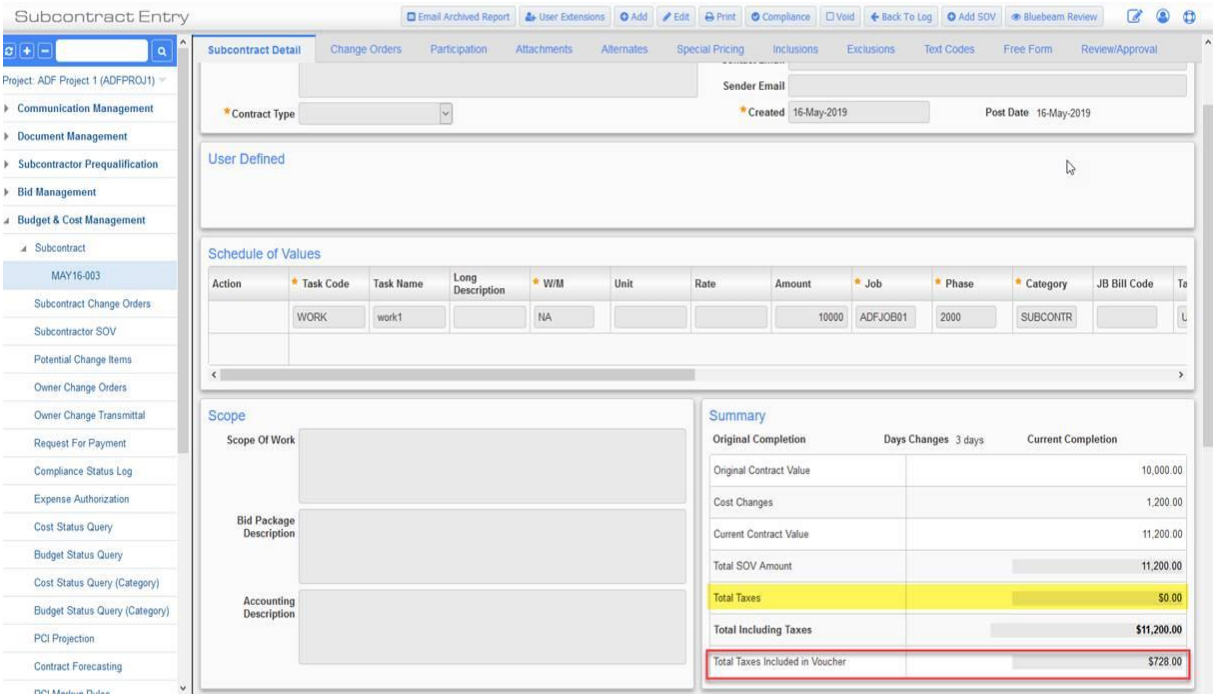
If the flag is unchecked, the Tax will show as it did before in the “Total Taxes” field in SC and SCCO.





When the flag is checked:





Submittals – Limit the Statuses Available to P-Type Reviewers (19.86806)

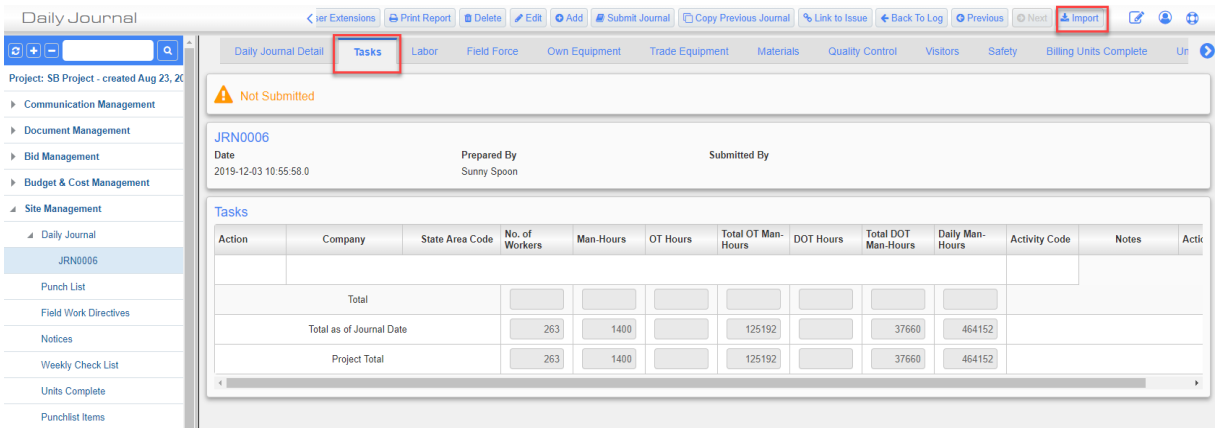
The following enhancements were made for Reviewers in Submittals:

- added changes to make Reviewers editable on the basis of privilege
- added changes to limit statuses for P-type users based on review line
- only statuses based on that Reviewer line and class code are shown
- when a P-type user tries to add a new reviewer, user cannot set date beyond returned action date
- when a C-type user accesses the submittal, all statuses are available to the user
- when P-type user is not part of the any four reviewer and tries to add new reviewer, status field is disabled
- [**Complete Review**] is unavailable when the submittal review is complete.

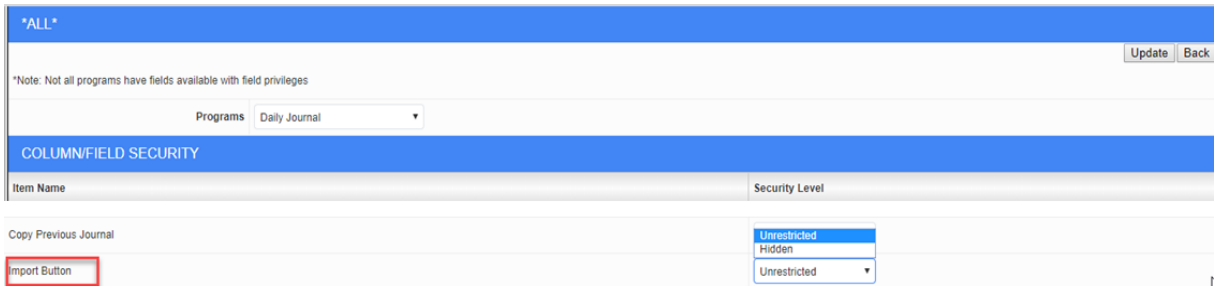
Importing Manhours into Daily Journal Record (19.80677)

Changes have been made to allow for the importing of Daily Journal manpower into an already existing Daily Journal (i.e. the Daily Journal header must have already been created). The IMPORT button will be available when user switches to 'Manpower/Tasks' tab in an already existing Daily Journal, where user can Import manhours after passing through all validations that currently exists in the Daily Journal.

Field security (Unrestricted and Hidden) would be applied on the Import button in the Daily Journal screen.

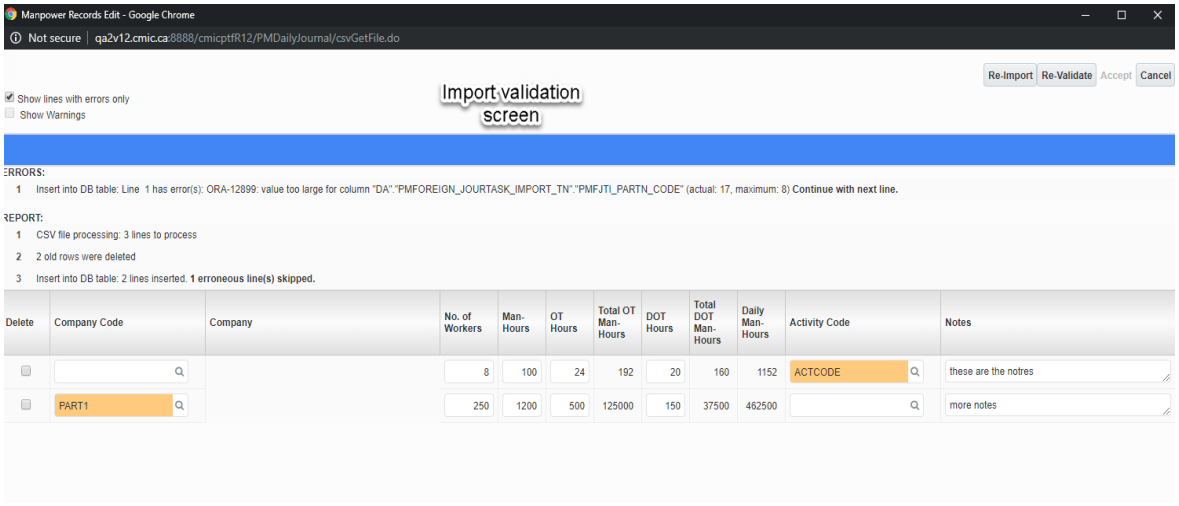


Field security:



The manhours can be imported from Excel file(.csv) or a text file(.txt). The import file with following columns will be accepted in the Daily Journal:

- Company
- No. of workers
- Man-Hours
- OT Hours
- DOT Hours
- Activity Code
- Notes



The Control File for the import has the following layout:

pmdjtaskimp.ctl - Notepad

File Edit Format View Help

```
LOAD DATA
APPEND
INTO TABLE DA.PMFOREIGN_JOURTASK_IMPORT_TN
FIELDS TERMINATED BY "," OPTIONALLY ENCLOSED BY '"'
(
  PMFJTI_PARTN_CODE,
  PMFJTI_WORKERS_NUMBER,
  PMFJTI_MAN_HOURS,
  PMFJTI_OT_HOURS,
  PMFJTI_DOT_HOURS,
  PMFJTI_ACT_CODE,
  PMFJTI_NOTES
)
```

File Layout Details – Daily Journal Manpower Import

The following table gives the detail description for each field:

Control File = pmdjtaskimp.ctl

Column Name	Description	Required	Type	Length
PMFJTI_PARTN_CODE	A valid CMiC partner code	Yes	Varchar2	8
PMFJTI_WORKERS_NUMBER	Total number of workers	Yes	Num	10
PMFJTI_MAN_HOURS	This field depicts the number of hours a worker worked for.	Yes	Num	12,2

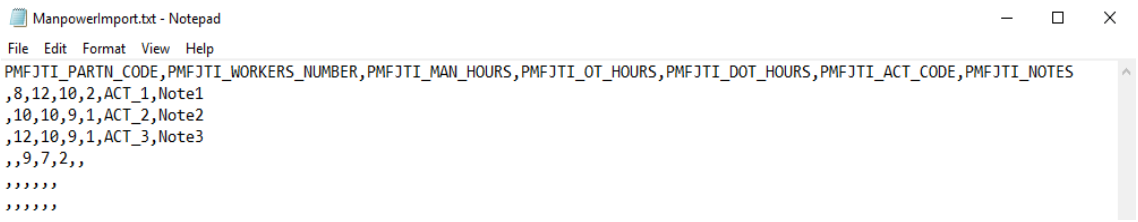
Column Name	Description	Required	Type	Length
PMFJTI_OT_HOURS	Over-Time Hours	Yes	Num	12,2
PMFJTI_DOT_HOURS	Double Over Time Hours	Yes	Num	12,2
PMFJTI_ACT_CODE	Schedule Activity Code	Yes	Varchar2	30
PMFJTI_NOTES	Notes	Yes	Varchar2	4000

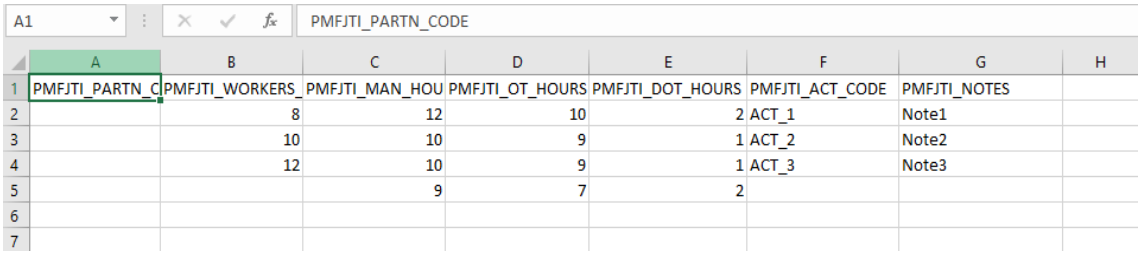
Notes

- The Manhours import works the same way as other PM JSP imports. Below is an outline of the steps and a description of the Validation screen.
- Prepare a .txt or .csv file with the details to be imported, using the layout guide above.
- For numeric codes, leading zeroes are usually removed in a .csv file, so make sure to adjust these appropriately before.

IMPORTANT NOTE: The file must be .TXT or .CSV. Also note that if the file is opened using Excel, it may lose some of its original formatting. It is preferable to open and edit using Notepad. For example, if the value of a field is “01”, editing in Excel will possibly change it to ‘1’.

Example input:





Checklist Maintenance Enhancements (19.73960)

Overview

These enhancements involve the ability to copy a checklist type from another project so users can share checklist types or pull them into their next project without manually recreating them. Users are

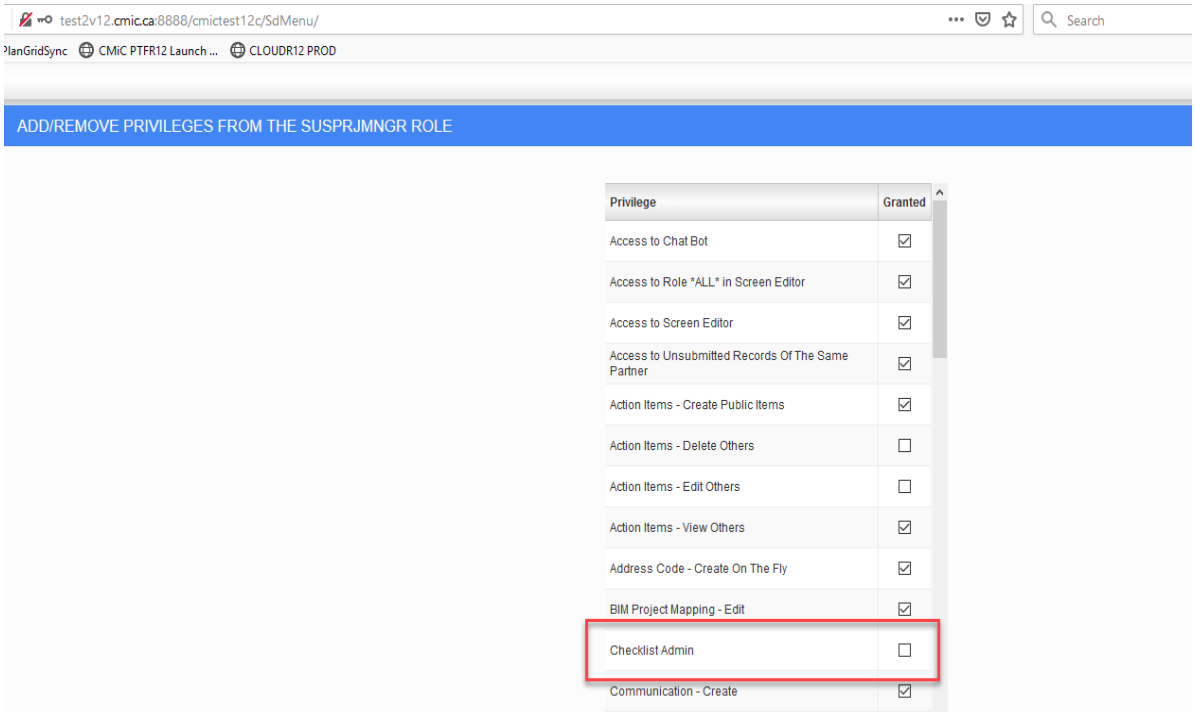
then able to use these modified checklist types on mobile but the ability to add or create new rows in the mobile application is not required at this time.

Below is an outline of the enhancements that have been made to achieve the objective.

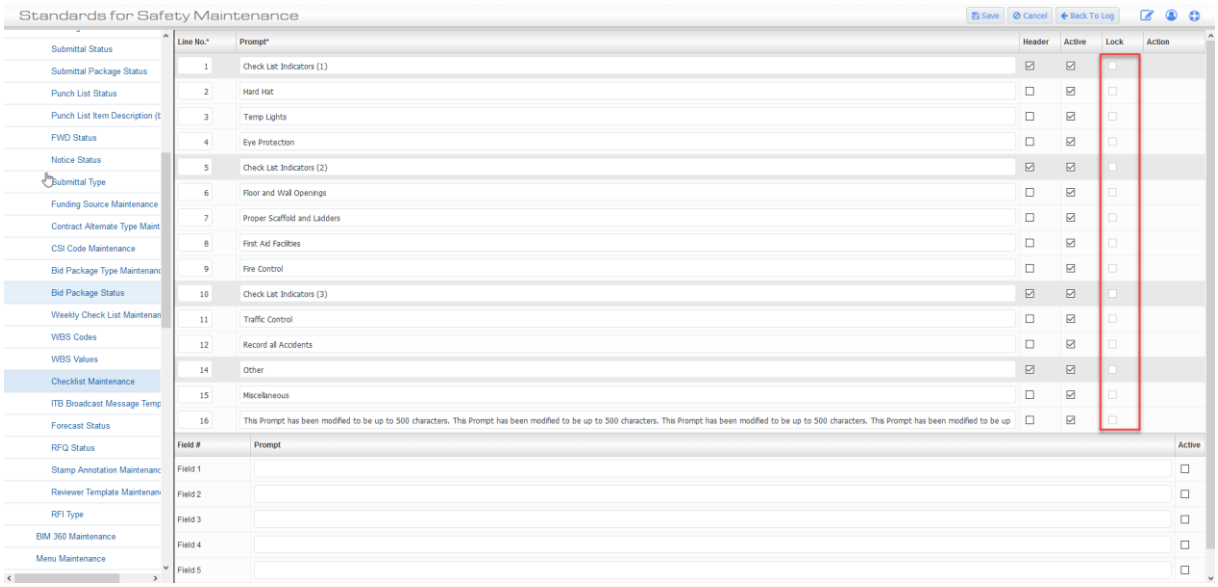
1. A new security role privilege "**Checklist Admin**" has been added. By default it is unchecked.

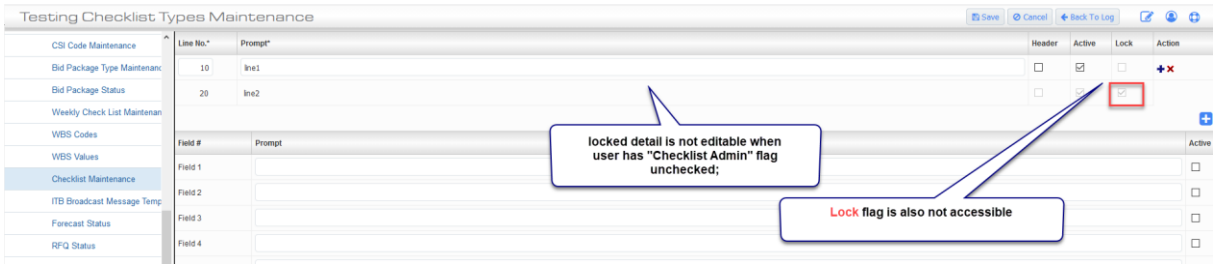
   This privilege controls the following:

   - Access (edit/delete) to Checklist Detail records **which are locked.**
     For example, user with all necessary field security must also have this new "Checklist Admin" privilege to edit or delete **Admin-locked** detail records.

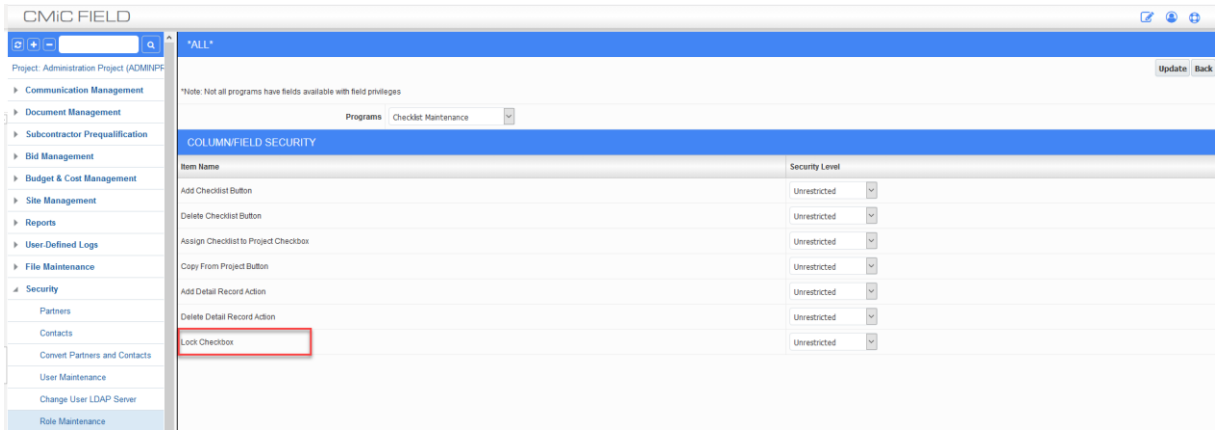


The "**Checklist Admin**" privilege allows the user to "Lock" checklist Types in the Checklist Maintenance screen:

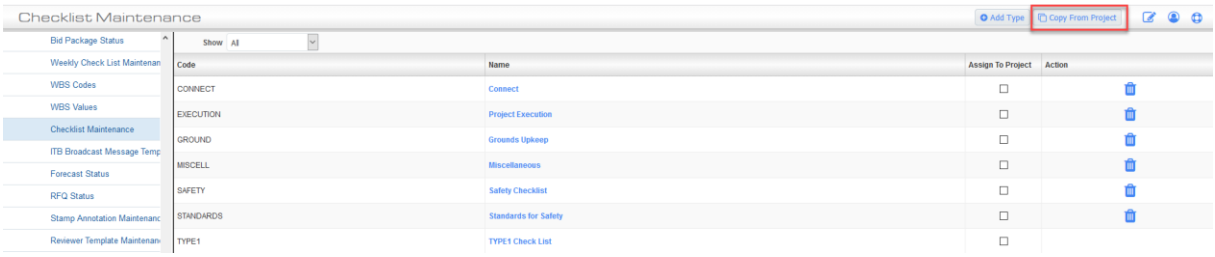




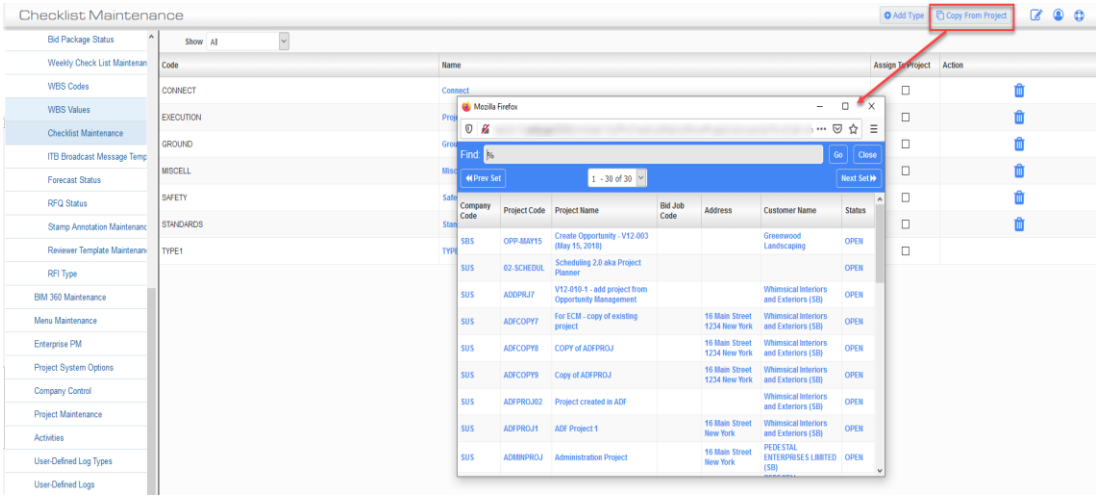
2. "**Lock Checkbox**" field security is used to apply field security to the "Lock" flag in the Checklist Maintenance screen. By default, it is set to "Unrestricted".



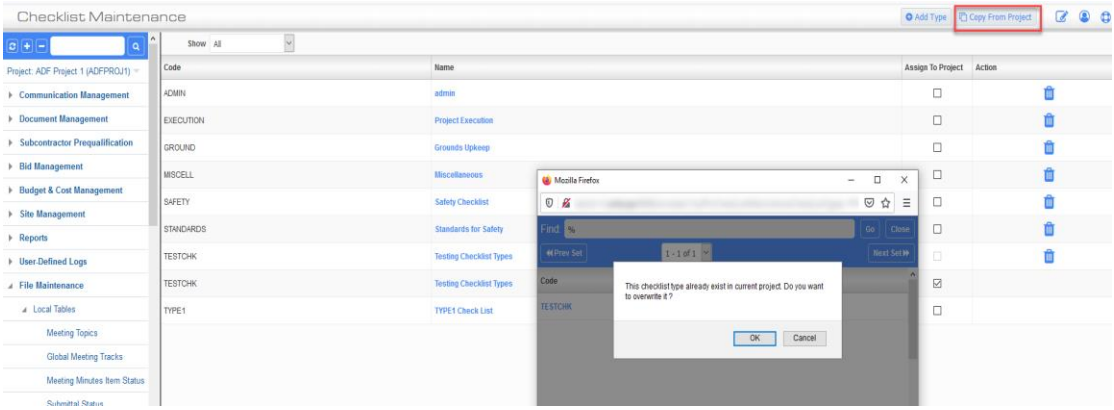
3. Added the **[Copy From Project]** button to the Checklist Maintenance screen.



- User will be able to copy checklist types from existing projects to which they are assigned, but there will only be one copy of a project-specific checklist type per system-level checklist type.
- During the copy function, the Projects LOV will show the projects that the current user has access to.



- If users try to copy the same type from another project into the current project, the copying process will overwrite the existing checklist type after user confirmation.

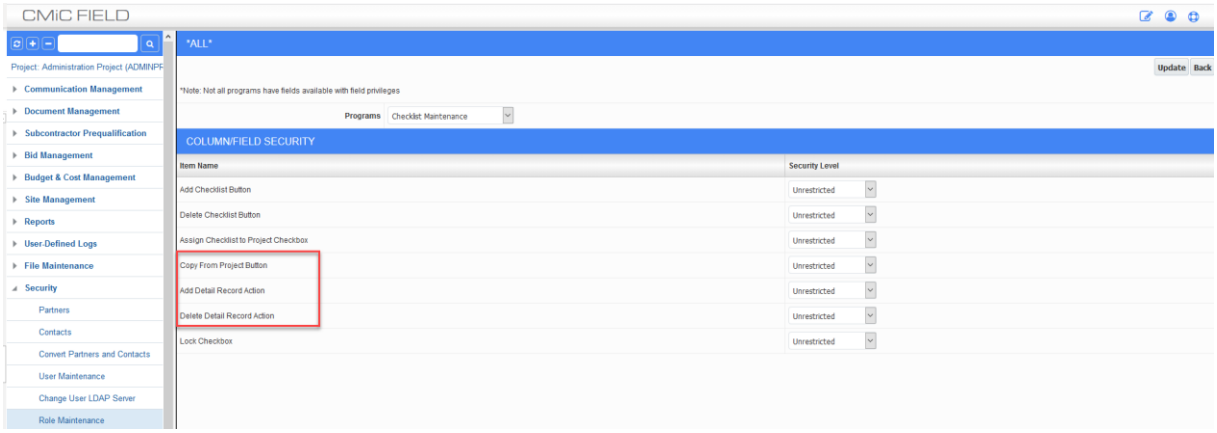


- If users open a project-specific checklist type and then try to copy a checklist type from other projects, then it will overwrite the contents of the current checklist type.

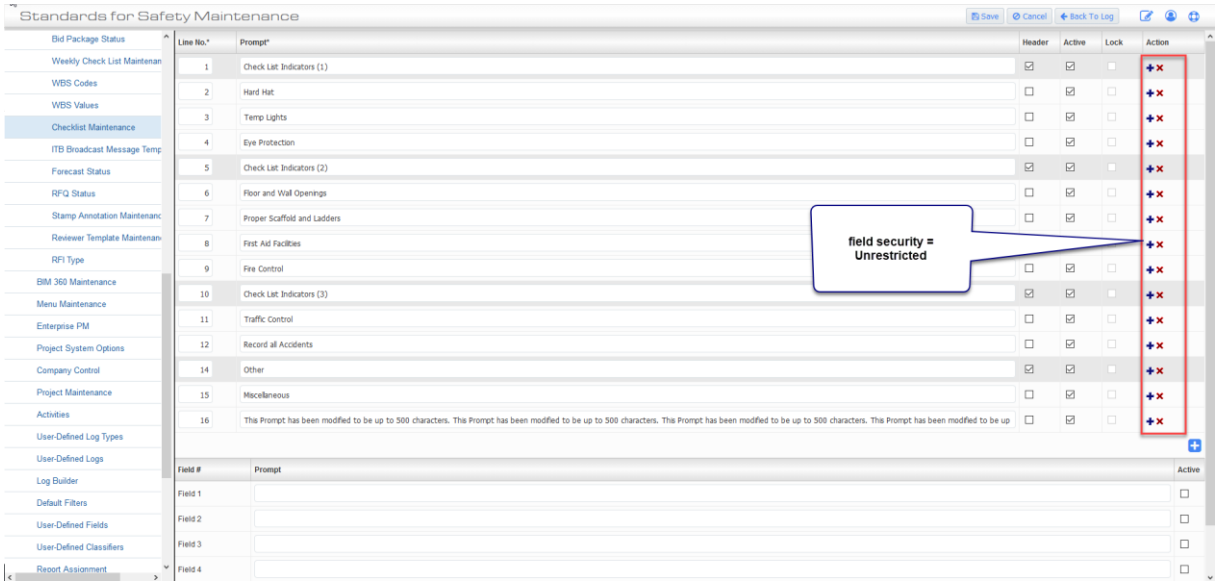
4. Field Security can be applied to these objects in the Checklist Maintenance screen:

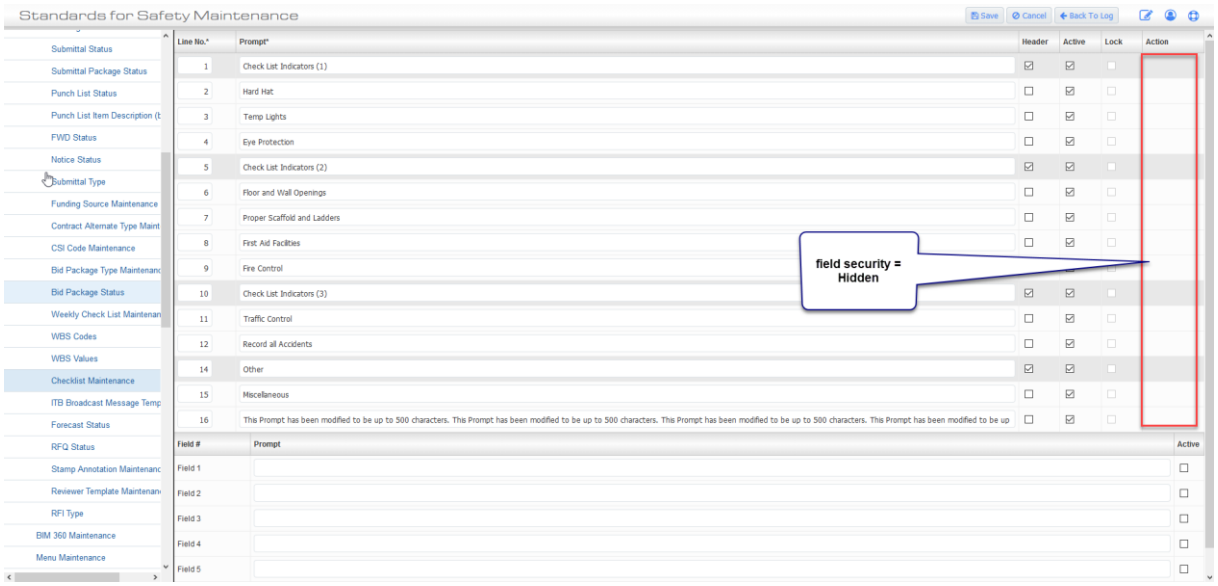
- Copy From Project - button
- Add Detail Record – '+' action
- Delete Detail Record – '-' action

Possible field security value: Unrestricted or Hidden; default for all is "Unrestricted".



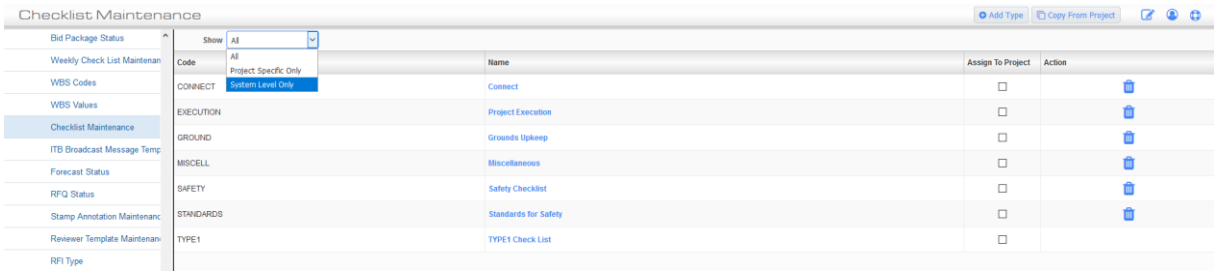
EXAMPLE:





5. Checklist Maintenance screen – **Filter**

The filter allows the user to select All checklist types, (current) project-specific only or system-level only:



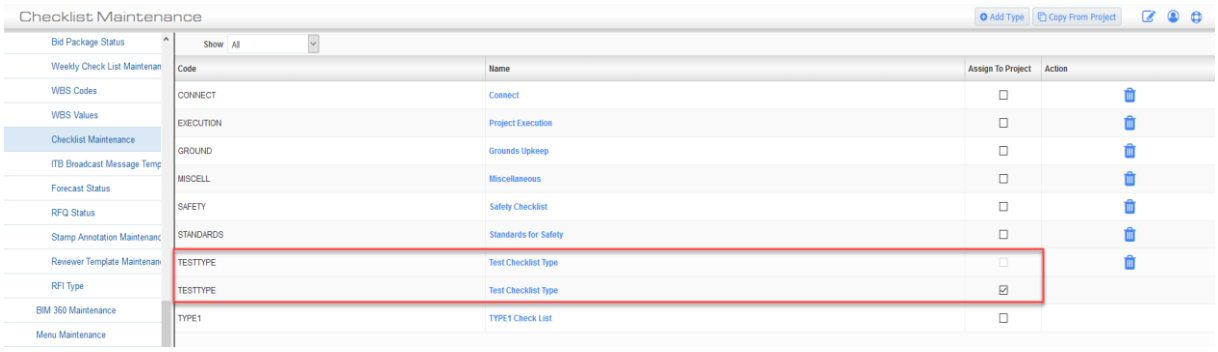
6. The PM System Options flag “Show only Project-Specific Checklists” no longer determines the visibility of the “Assign to Project” flag on the Checklist Maintenance screen (this is already controlled by field security) but it still controls whether project-specific checklists are shown on the tree-view or not.

In addition, the project-level masks are only visible in *Project Maintenance* > *Defaults* > *Masks* for project-specific checklist types when the “Assign to Project” flag is visible and checked for a type. If a checklist type is no longer project-specific, the type and mask is removed from Project Maintenance.

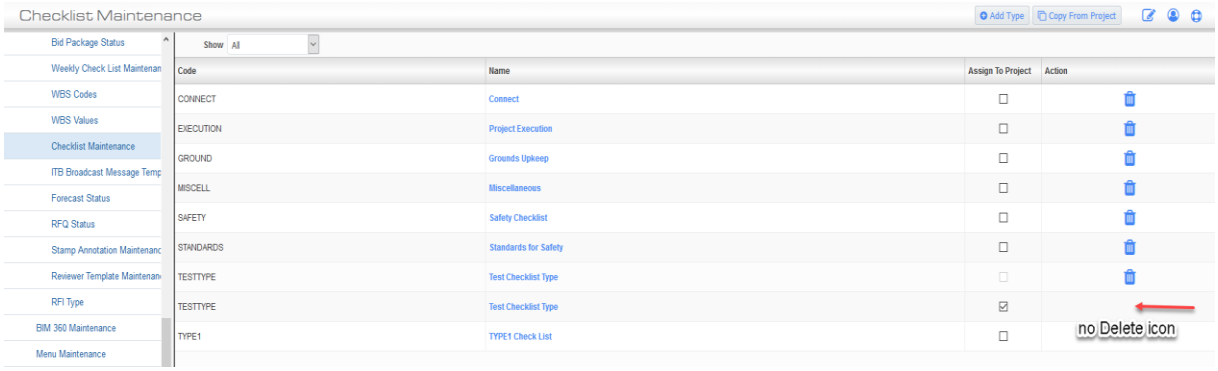
IMPORTANT NOTE:

The Checklist Maintenance screen will show the system-level checklist types and the checklist types assigned to the current project only.

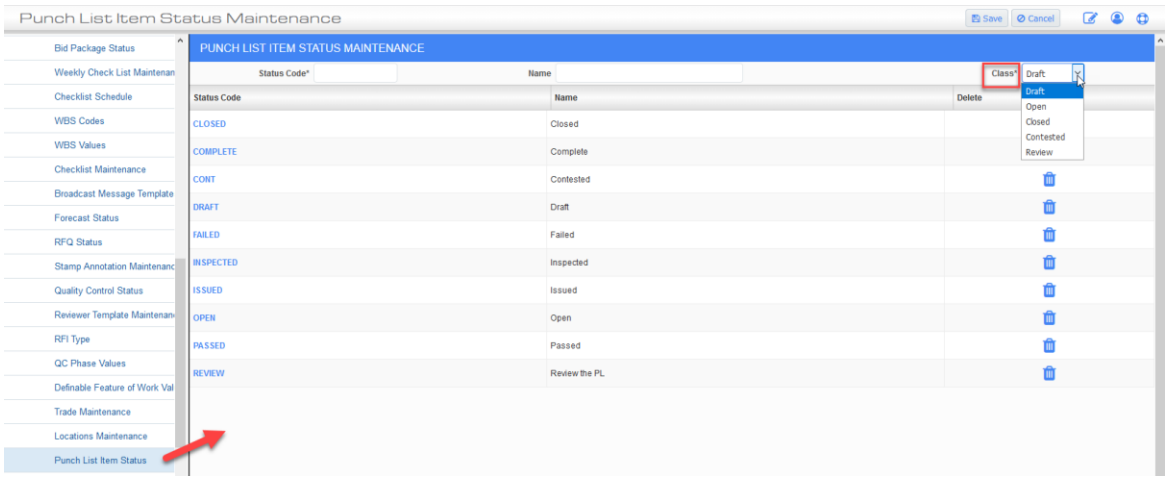
However, the Checklist Log will continue to work as it previously did.



7. Now, the Delete icon is not available for project-specific checklist types. Users can only unassign them from the project.



Punch List Item Status Maintenance (19.71005)

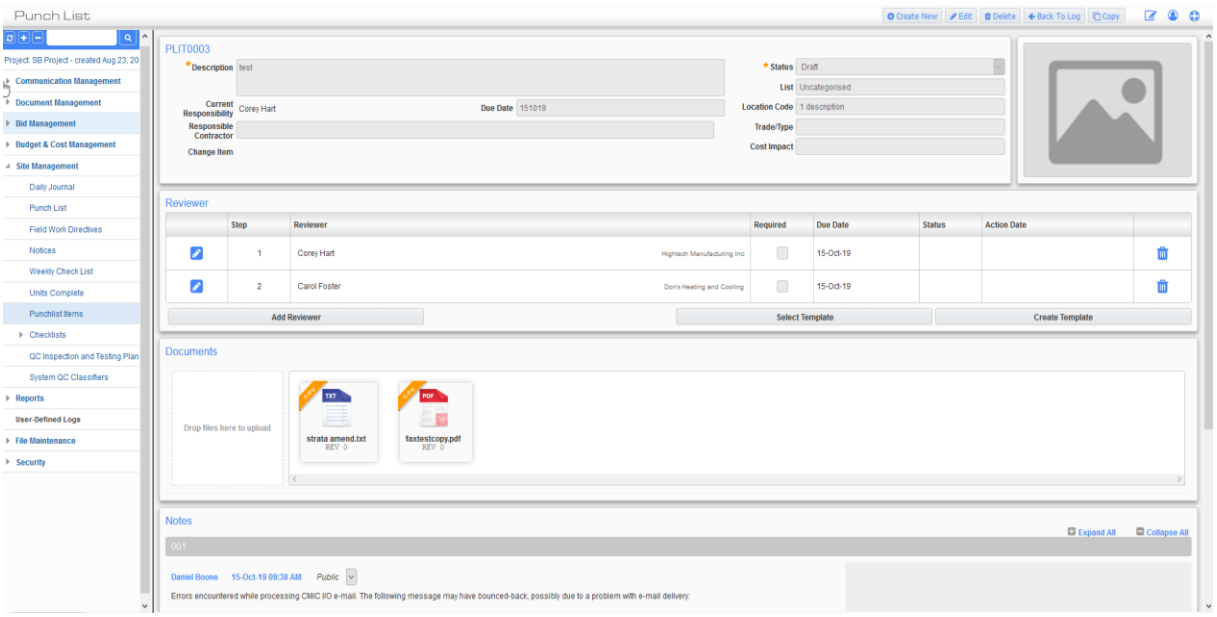


A new maintenance screen has been added to the CMiC Field module. It is the Punch List Item Status Maintenance screen, which is used to add, edit or delete punch list item status codes, used in the Punch List Item screen.

There are five status classes, any one of which a punch list item status code can be assigned to: Draft, Open, Closed, Contested, Review.

Users can be assigned to this new program through the *Security >Role Maintenance > Assign Menu Items > Punch List Item Status* screen. Custom menus will need to be modified to include this menu item.

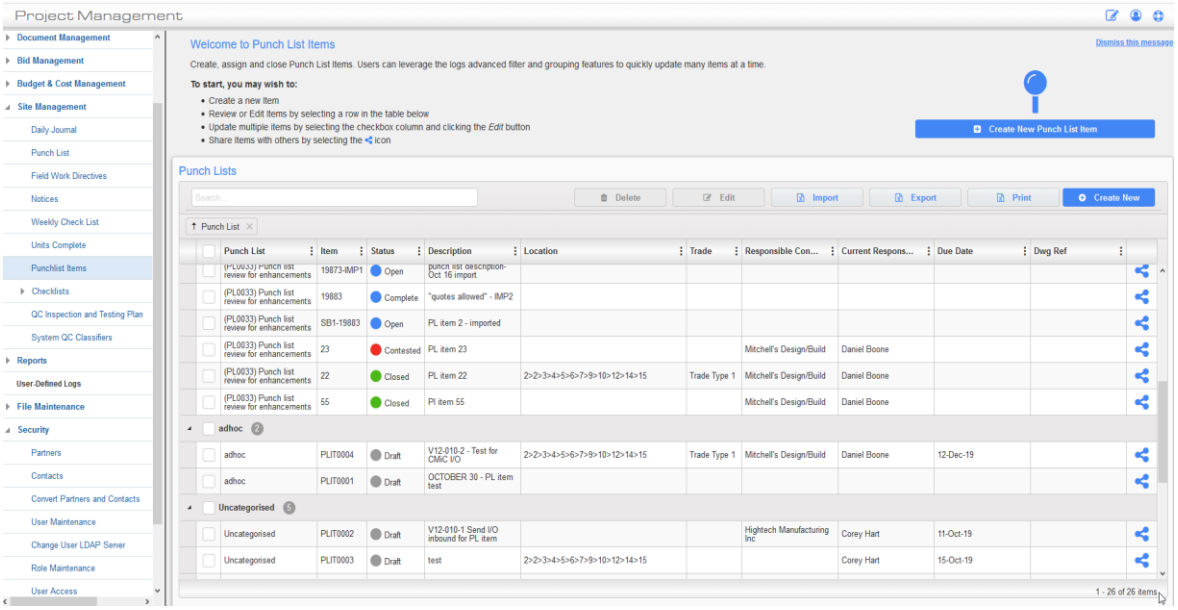
Punch List Items (19.71005)



A new screen has been added to CMiC Field that is to be used to create and manage Punch List Items. It follows the new design standard of using field-sets to create a better UI/UX.

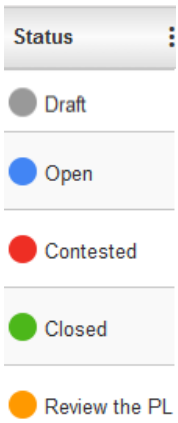
This new screen will require security access assignment to the user through Security > Role Maintenance > Assign Menu Items > Punch List Items.

Punch List Items Log:



An outline of some of the major features is given below:

1. Mandatory fields are Description and Status
2. Share icon – this replaces the [Send I/O] button and is available for each punch item, in the log view.
3. Punch Items Statuses



   - There are 5 Status Classes:

     Draft - Grey - Punch item has been created but not yet assigned for resolution.

     Open - Blue - Punch Item has a responsible party and an associated due date. Work to be completed.

     Review - Orange

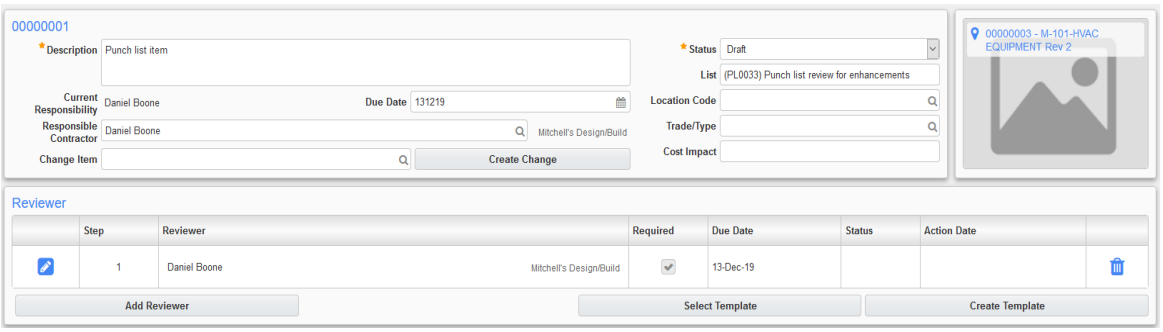
     Contested - Red - Punch item has either been disputed in some form or has failed Review. Resolution is required.

     Closed - Green - Punch item work has been completed and approved.
   - When a punch item is created the default status is Draft.
   - When any Reviewer submits the response "Contested", the status is changed to CONTESTED

4. **Responsible Contractor**:

   When Responsible Contractor is selected for Punch Item:

   - Current Responsibility field gets updated with Responsible Contractor record after Saving the Punch
   - Responsible contractor gets added to Reviewers table as the first party after Saving the record.



5. **Reviewers Response**:

   Two options for Reviewers Response are available in the drop-down

   - Completed (Green)
   - Contested (Red)

6. **Mass Update (Batch Edit) Actions**

   Mass update actions can be performed after selecting one or more checkboxes beside punch items:

   - Delete - will delete all selected punch items
   - Edit - will display a Batch Edit popup window by which the following fields can be updated for the selected punch items:

     Status

     Responsible Contractor

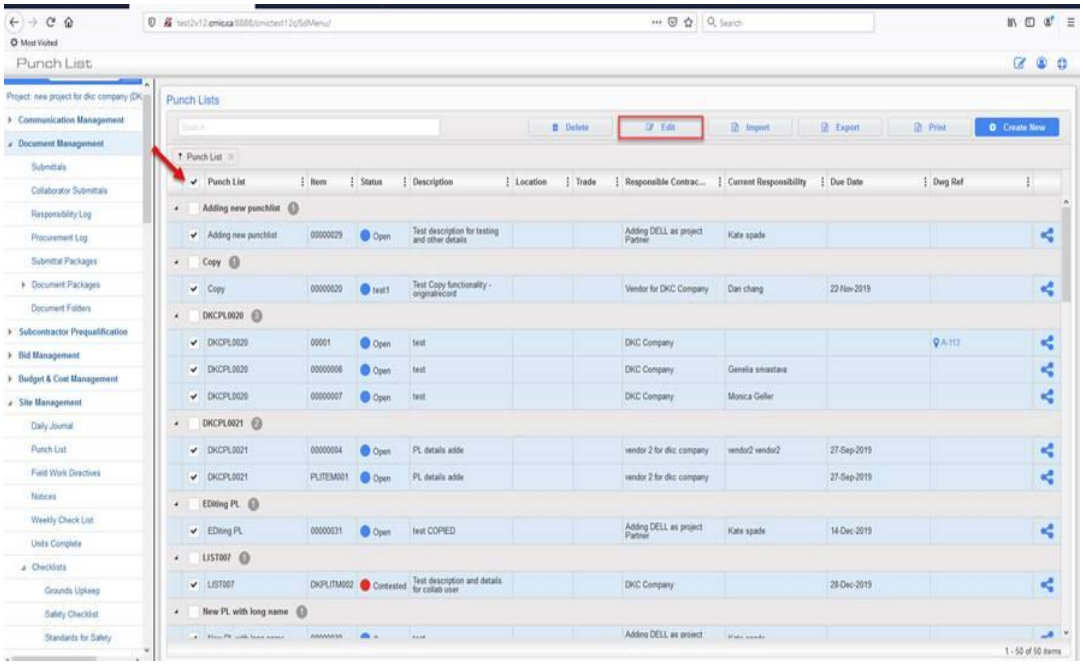
     Trade/Type

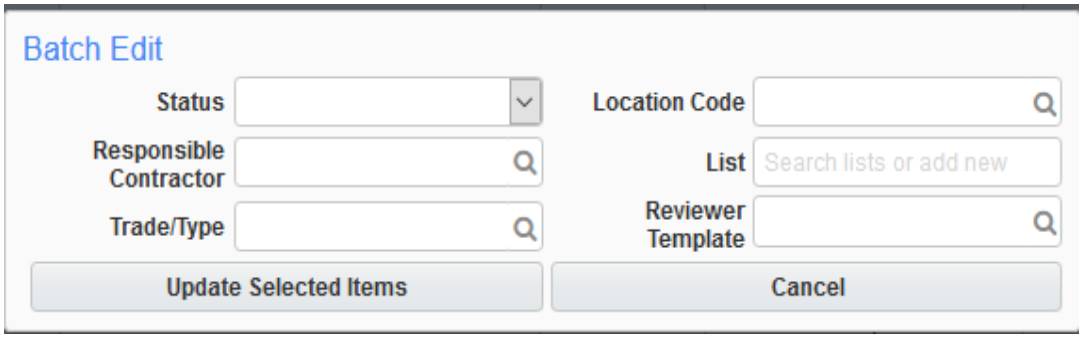
     Location Code

     List (i.e. Punch List)

     Reviewer Template

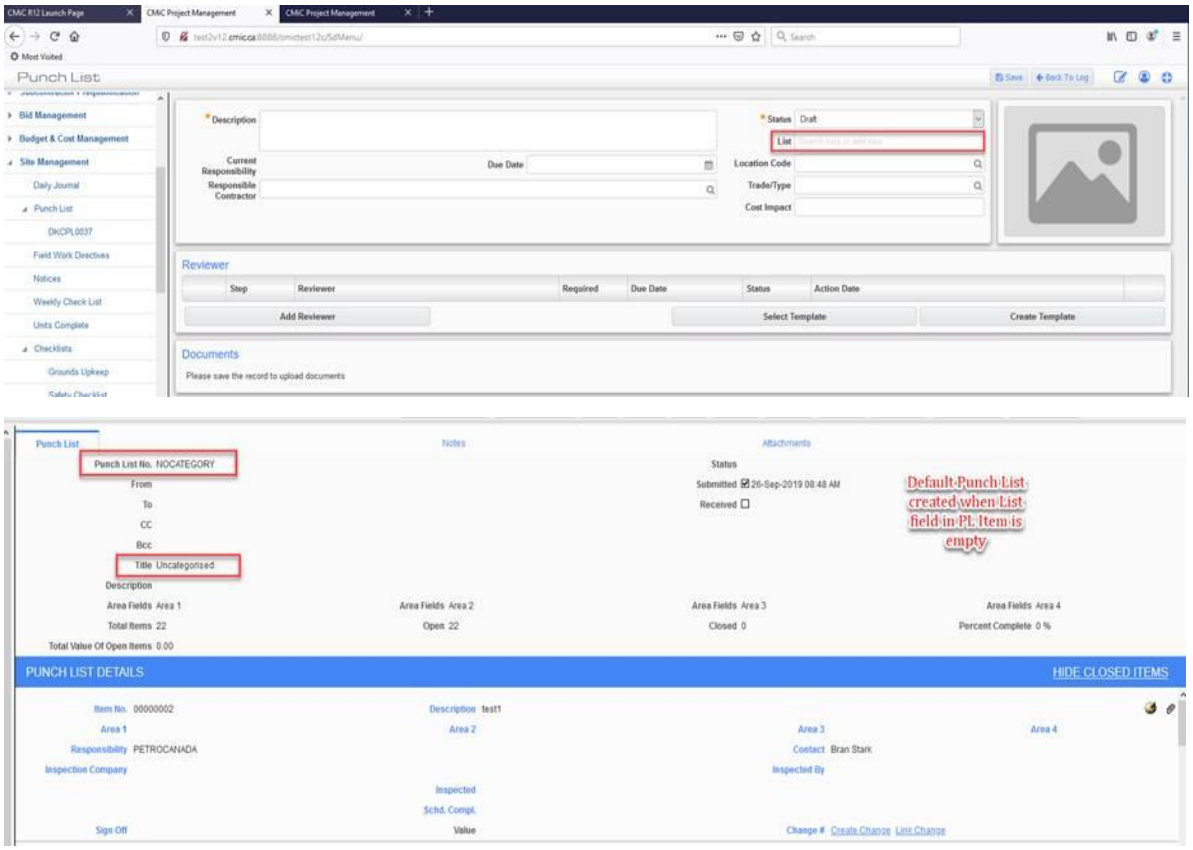
The screenshots below illustrate this feature:



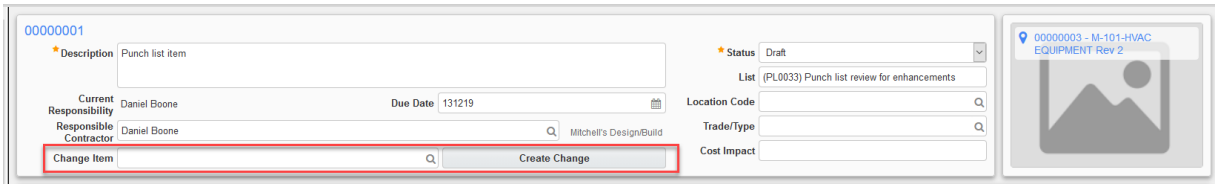


7. **List**

- The List field displays a drop-down list of Punch Lists, one of which can be selected to be associated with the punch item being created or edited.
- If no List is selected, a value can be entered in the field and in this case a new Punch List with Title as entered in the List field is created (on the fly).
- If the List field is left empty, then the Punch List Items created are listed under the default Punch List “NOCATEGORY” with title “Uncategorized”

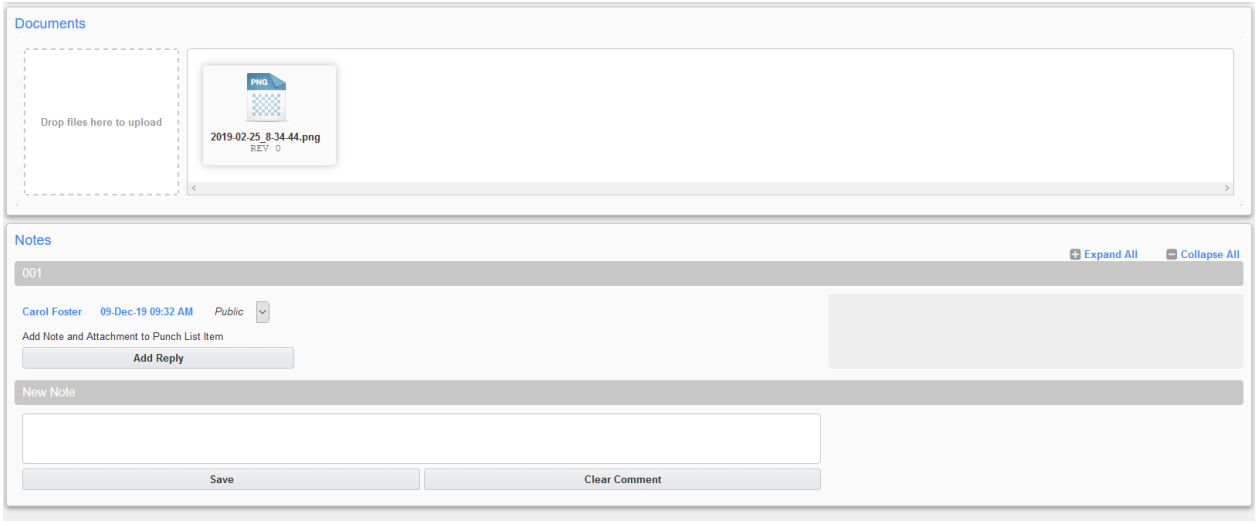


8. Punch Items can be linked to a change item (PCI), similar to other PM objects



9. Punch Items can be linked to drawings from Drawing Management. The link is created in the PSPDF Viewer (link annotations). The drawing can be accessed by clicking on the link from within the punch item:

10. The standard Document strip and Notes section are also available for Punch Items.



Ball in court Report: Enhancements (18.54684)

Enhancements done on ‘Ball in court’ Report are:

- Added a hyperlink to ‘Object No.’ to open corresponding screen.
- ‘Object No.’ field color has been changed to Blue and text is set as underline.
- This feature does not support Request For Quotation (RFQ)
- Adobe Reader is the preferred PDF reader to view the report and use the hyperlink, so users may need to save it as an Adobe PDF file to drill down.

SSC - SS Construction Company

PROJECT MANAGEMENT - BALL IN COURT REPORT

Page: 4 of 6
Date: Jan 07, 2020
Time: 3:05 PM EST

Overdue

Document Type	Number	Description	Due Date
Meeting	TST-01 - 1	Test budget	07/Nov/2019

SSVEND01 - Vendor 1 for SSC company **CONTACT: JR - Julia Raymond**

PROJECT: ADFPTFPROJ - Major project

Overdue

Document Type	Number	Description	Due Date
RFQ	EXT44	test test	09/Dec/2019
Subcontractor's RFI	00000002	testing	30/Jan/2019
Submittal	SUB-015	to review renumbering of additional reviewers.	09/Jul/2019
Submittal	SUB-018	testing patch	15/Aug/2019
Submittal	ADSUB003-01	SUBMITTAL FOR TESTING	30/Aug/2019
Submittal	ADSUB002-04	New submittal for testing reviewers issue	19/Nov/2019
Submittal	ADSUB-18	new submittal for testing ACTION email notifications for V12-010-2 patch	14/Dec/2019

SSVEND01 - Vendor 1 for SSC company **CONTACT: JY - Jimmy Yak**

PROJECT: ADFPTFPROJ - Major project

Overdue

Document Type	Number	Description	Due Date
Submittal	SUB-006	testing	31/May/2019
Submittal	ADSUB-28	New submittal to test reviewers section.	19/Dec/2019
Submittal	ADSUB-17	Testing submittal for R12.	22/Nov/2019
Submittal	SUB-017	Submittal to review Email Notifications.	22/Aug/2019
Submittal	SUB-009	Patch V12-009-2 Testing - to review Email Notifications	28/Jun/2019

SSVEND01 - Vendor 1 for SSC company **CONTACT: RB - Ronny Brown**

PROJECT: ADFPTFPROJ - Major project

Overdue

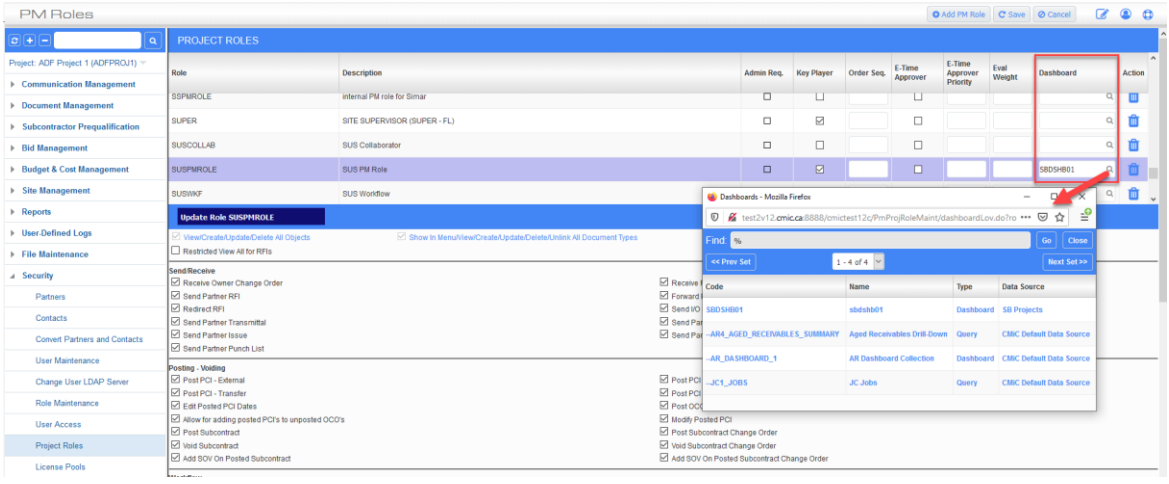
Document Type	Number	Description	Due Date
Subcontractor's RFI	SSVEND01-04	external RFI created.	27/Aug/2019
Submittal	SUB-001	Test patch	30/Jun/2019

SSVEND01 - Vendor 1 for SSC company **CONTACT: SE - Simar External**

PROJECT: ADFPTFPROJ - Major project

Linking Project Roles to BI Dashboards (19.92676)

CMiC has added support to map Project Roles to BI Dashboards by adding the Dashboard column to the Project Roles Maintenance screen:



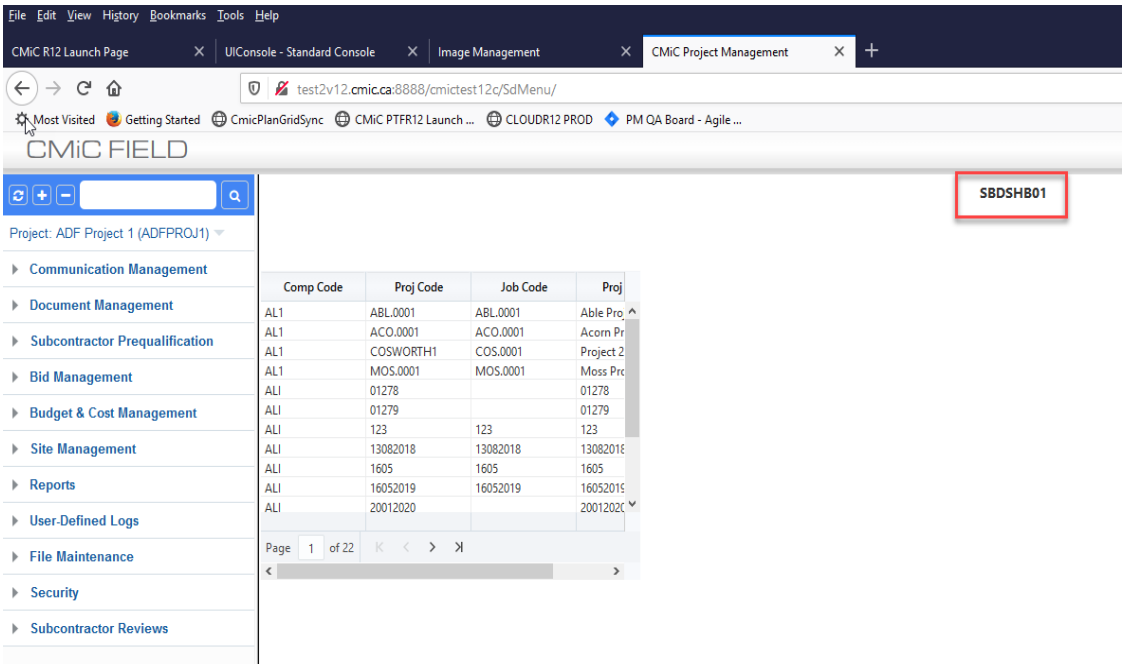
The Dashboard LOV shows the list of dashboards to which the current user has access.

On startup, the system will look for this setting to display the selected dashboard. If there is not any dashboard setup for any role then the URL from Start Page url (Project Maintenance), **or** Project System Options – Start Page **or** overall system start page will be used to display at the startup.

If a user has multiple roles assigned and those roles have different dashboard settings, then roles will be sorted based on “Key Player” and “Order seq” and first one in this list will be picked up to show the dashboard.

If no “Order Seq” is available, then list will be sorted based on same combination as used in screen. Again, the first role in the list will be picked up to show the dashboard.

If there is a dashboard selected for a project role in a project, then the startup screen will show the selected dashboard, for example:

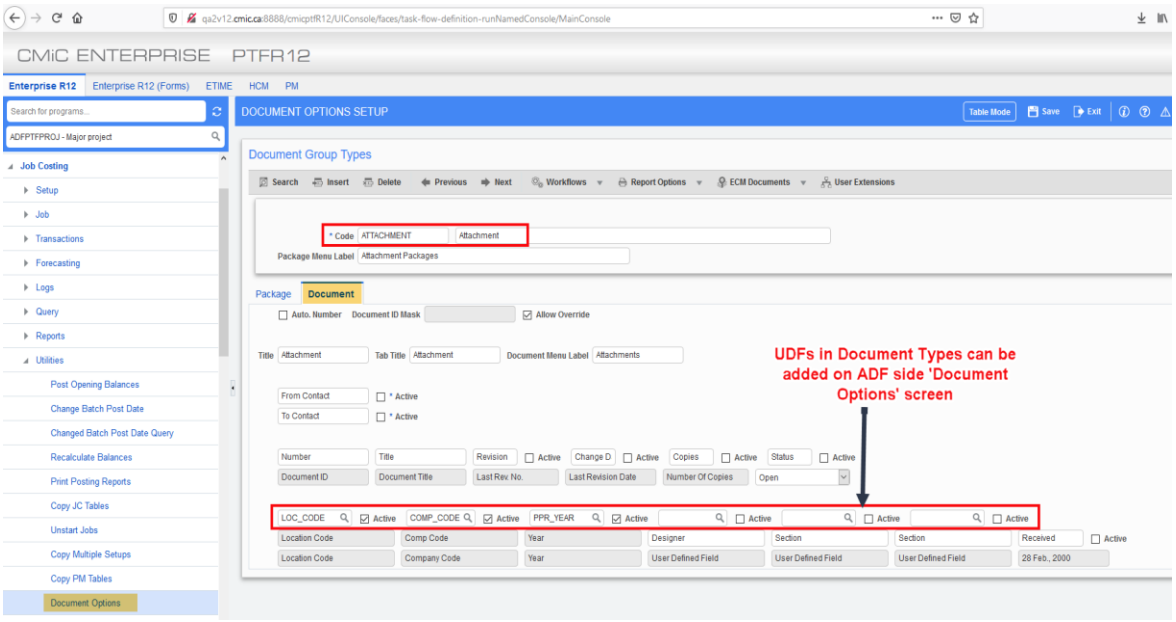


If no setup is detected for project role then original setup (as indicated above) will used to display dashboard.

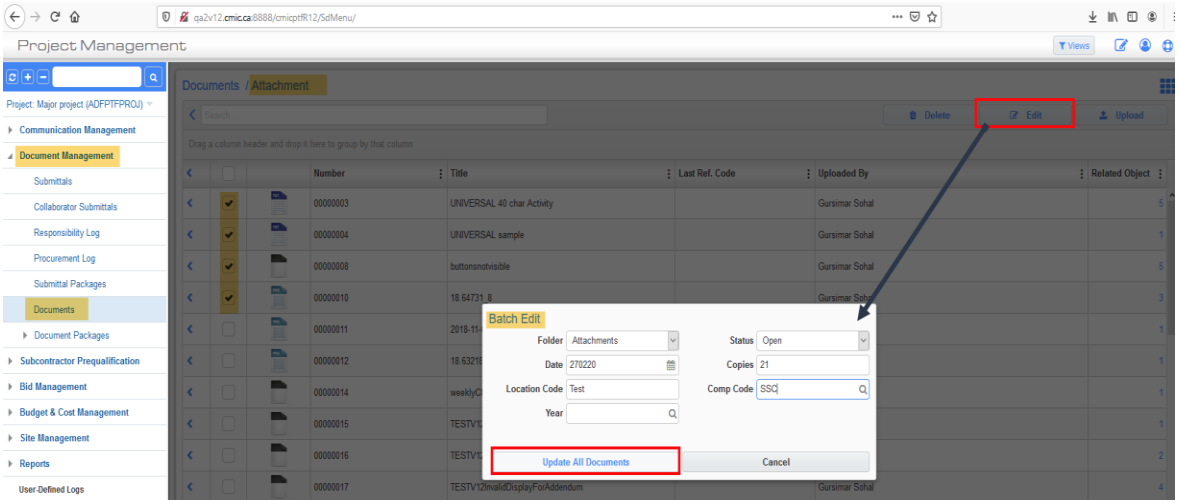
Documents Mass Update include UDFs (19.74476)

Mass update of documents now includes User Defined Fields (UDFs).

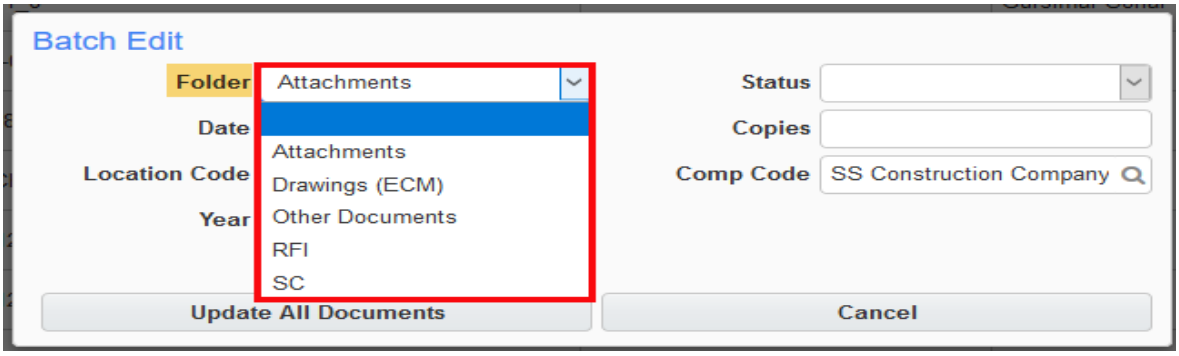
NOTE: UDFs/Classifiers in Document Types can be added/removed on the ADF side from the “Document Options” screen.

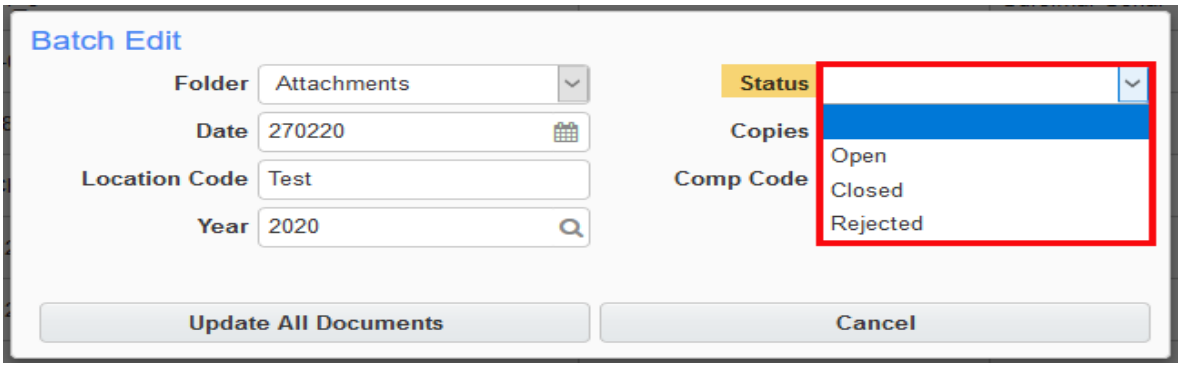


CMiC has modified the Documents program to add the ability to Batch Edit the UDFs/Classifiers that users have added to various document types.

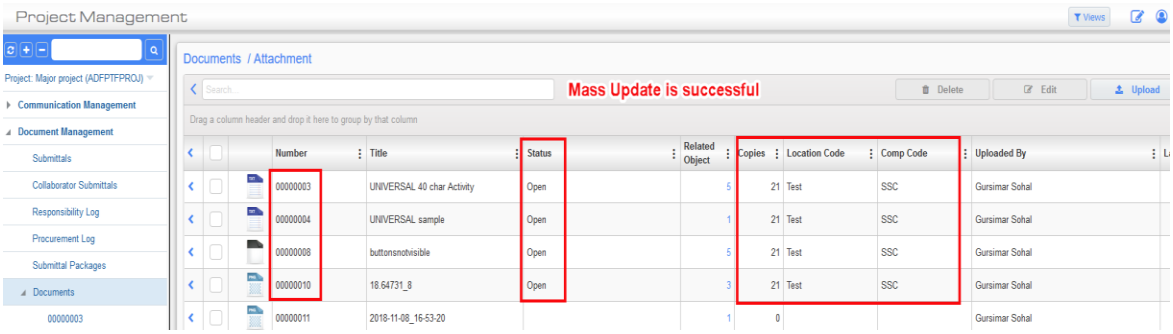


User will be able to edit Status, Date, Copies and any User Defined Fields on the document type. User can also elect to move the selected Documents to a new folder (Document Folder).

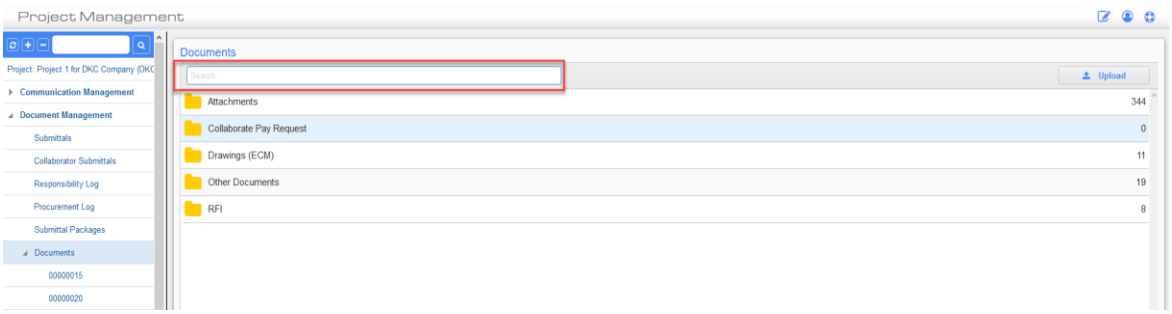




When the changes made are Updated in the Batch Edit pop-up, the log screen refreshes and reflects the changes made by the user.

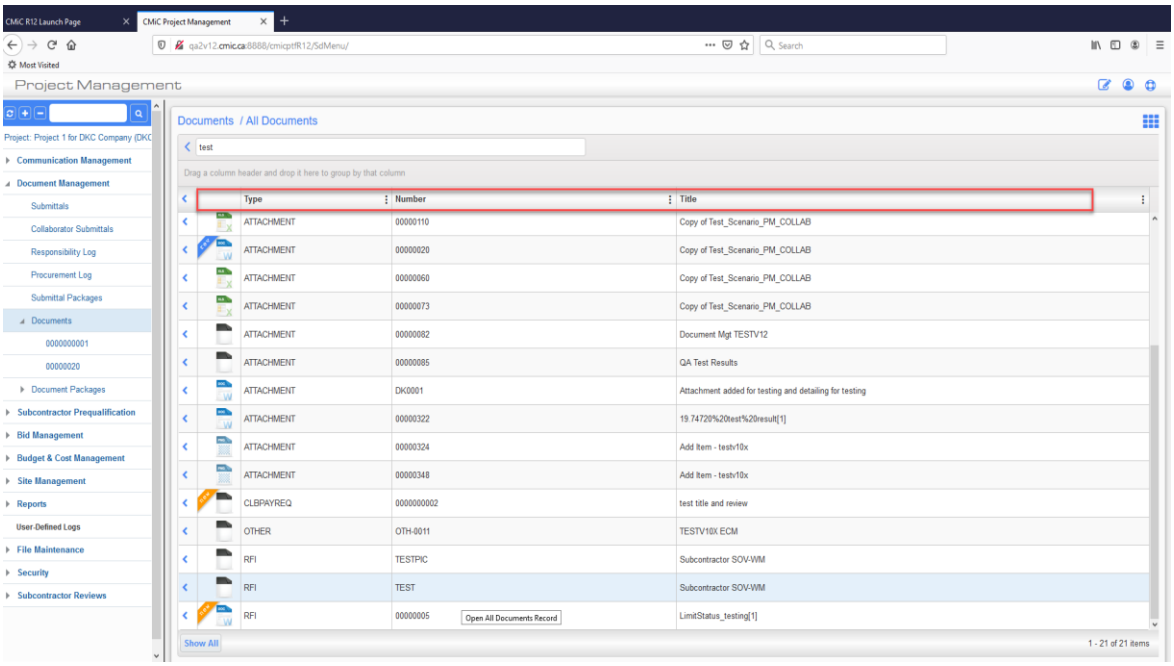


Ability to Search Across all Document Folders (19.74476)

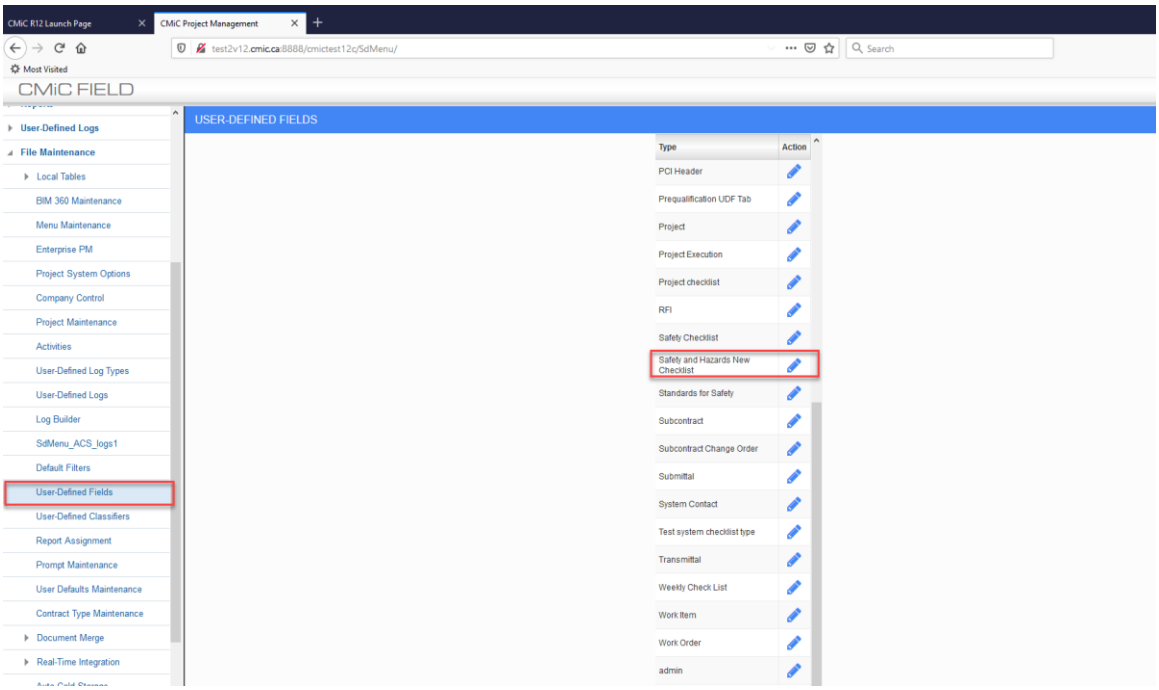


Document Folders - Search bar is added in the Document folder view.

Users are now able to search across all folders from Document Folder view. When the keyword is entered and search is executed, the results are displayed with following columns – File type icon, Document type name, Document ID and Title.

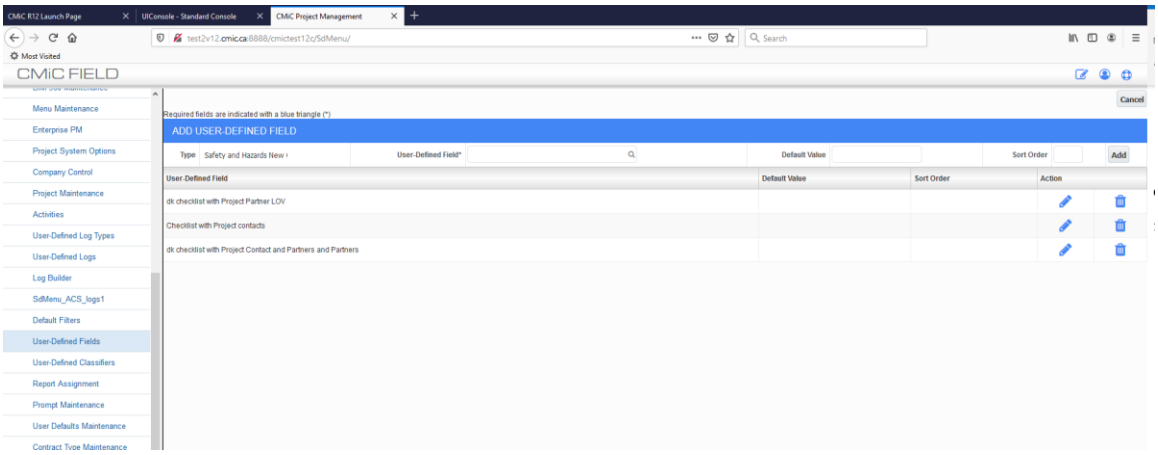


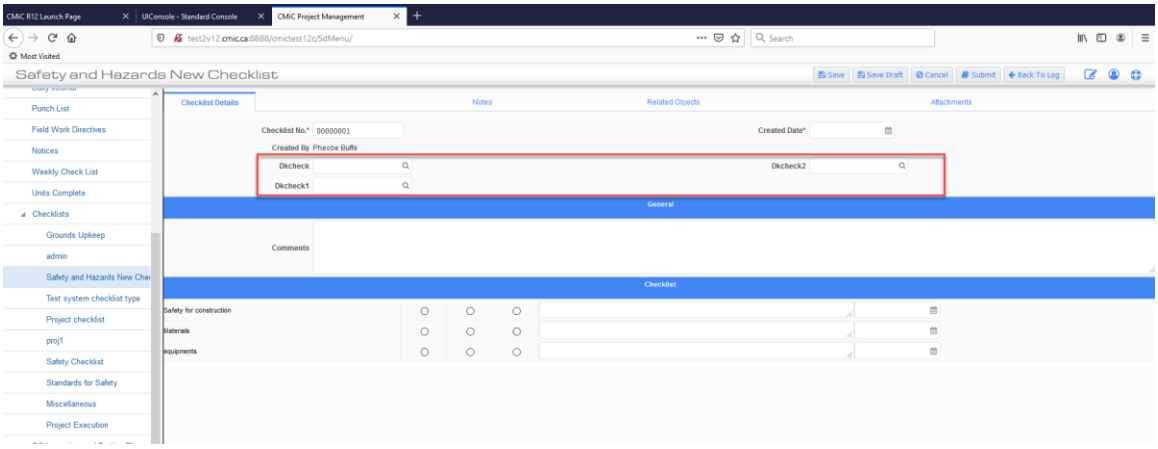
Checklist Header – UDFs Added (19.87379)



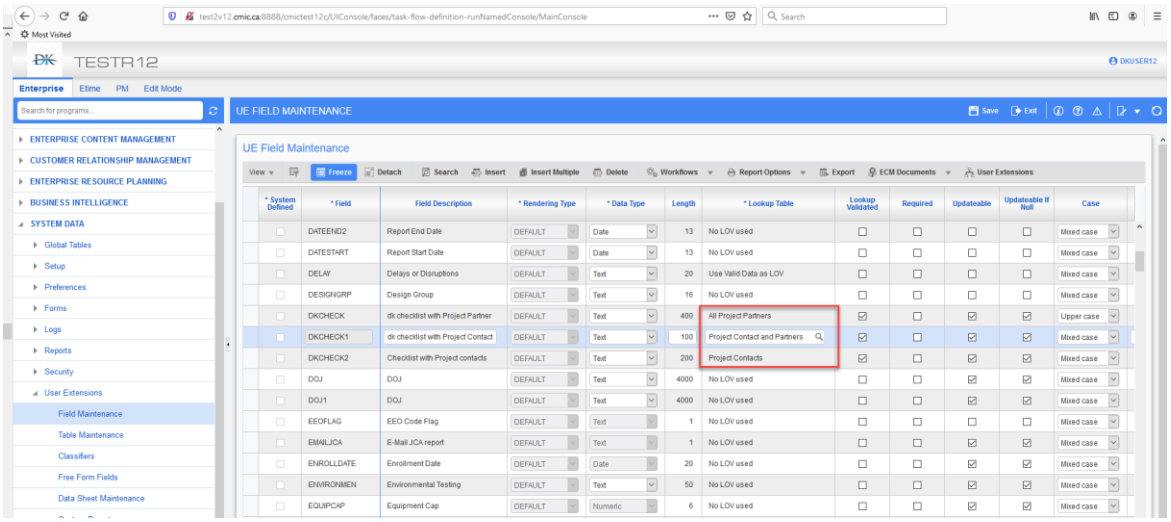
Checklists - Added the ability to insert UDFs on the Checklist Header by including objects for defined Checklist Types in the User-Defined Fields screen of PM JSP (screenshot above).

Every time a new checklist is created for a defined checklist type, users will see a new entry in the User Defined fields screen. They will be able to add or delete UDFs in this screen.





UDF Data Sources for Project Partners and Contacts (19.87379)



In addition, three new data sources for User Defined Fields are added which will work as:

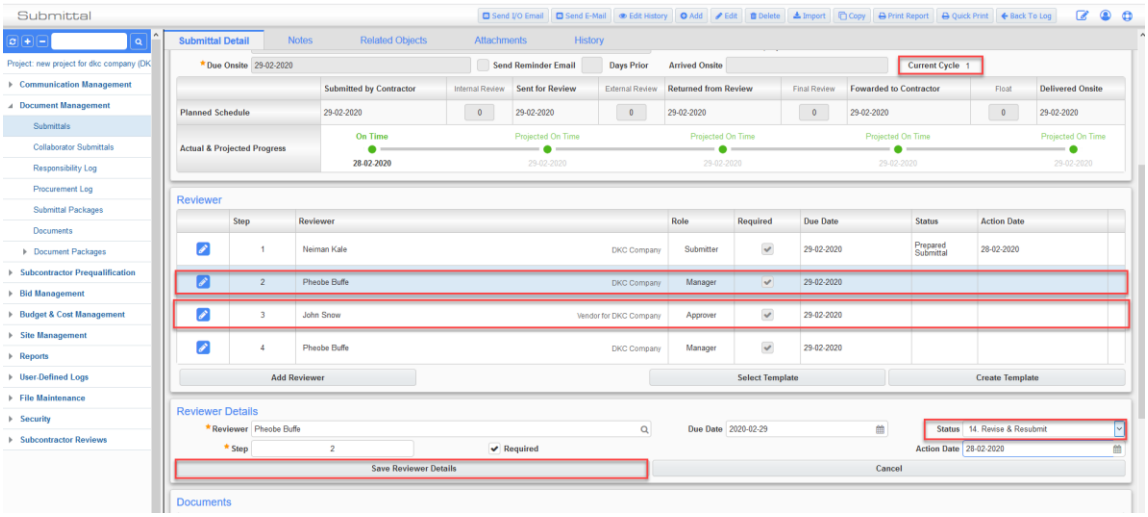
1) ALLPPARTN: All Project Partners - which will show all partners.

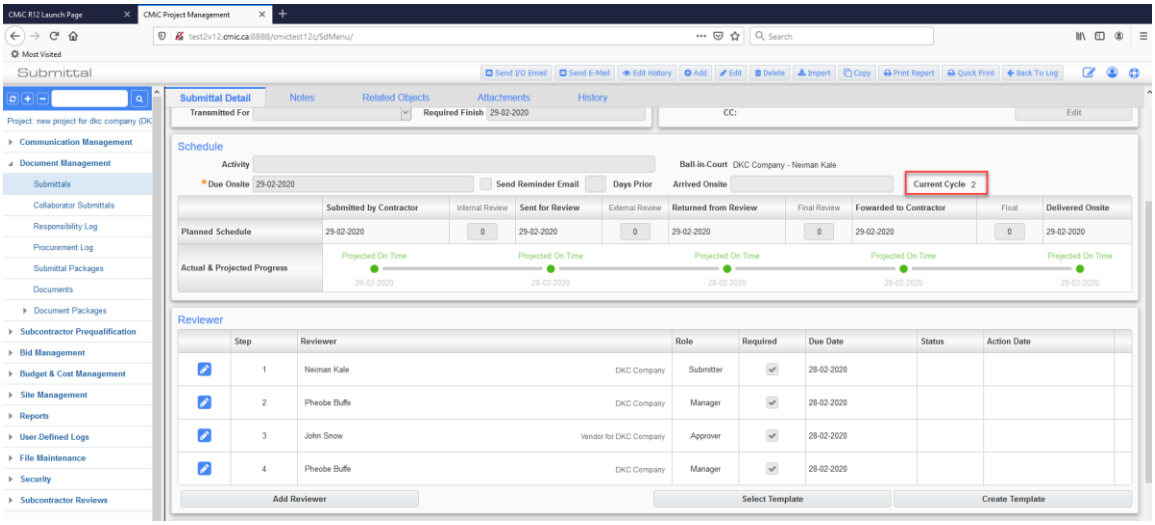
2) PROJCONT: Project Contacts - which will show all Project contacts.

3) ALLPARCON: Project Contacts and Partners - which will show contacts and partners.

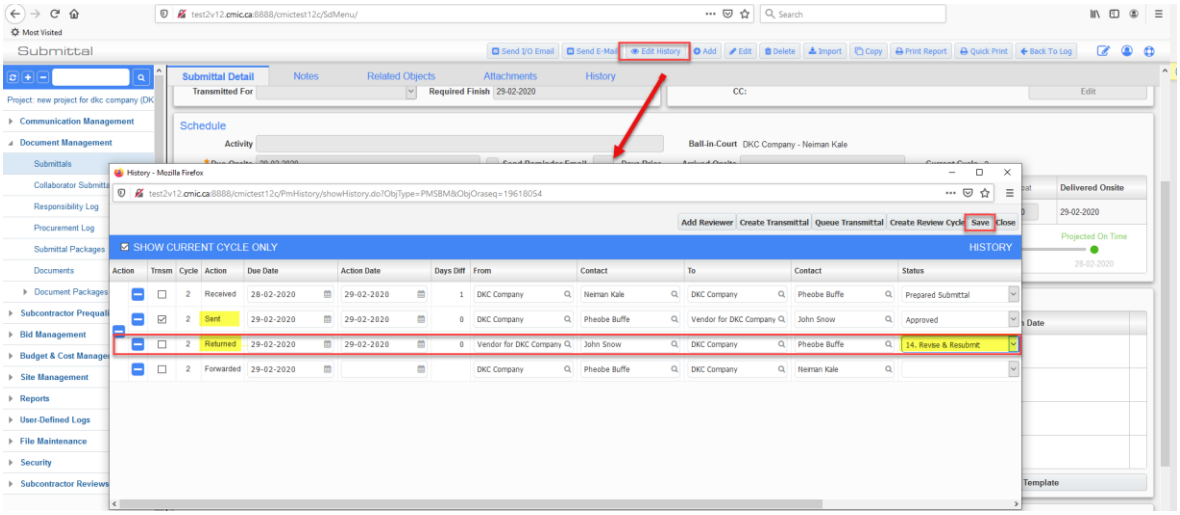
Submittal Reviewers Table - Revise and Resubmit Status (19.92077)

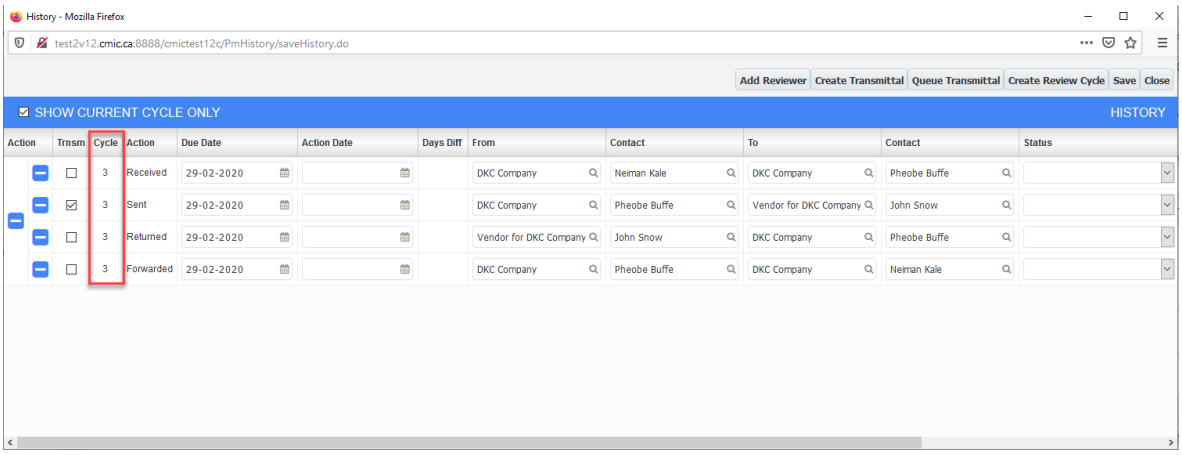
Users will be now able to Save the status of “Revise and Resubmit” under SENT or RETURNED actions and a new review cycle will be created.





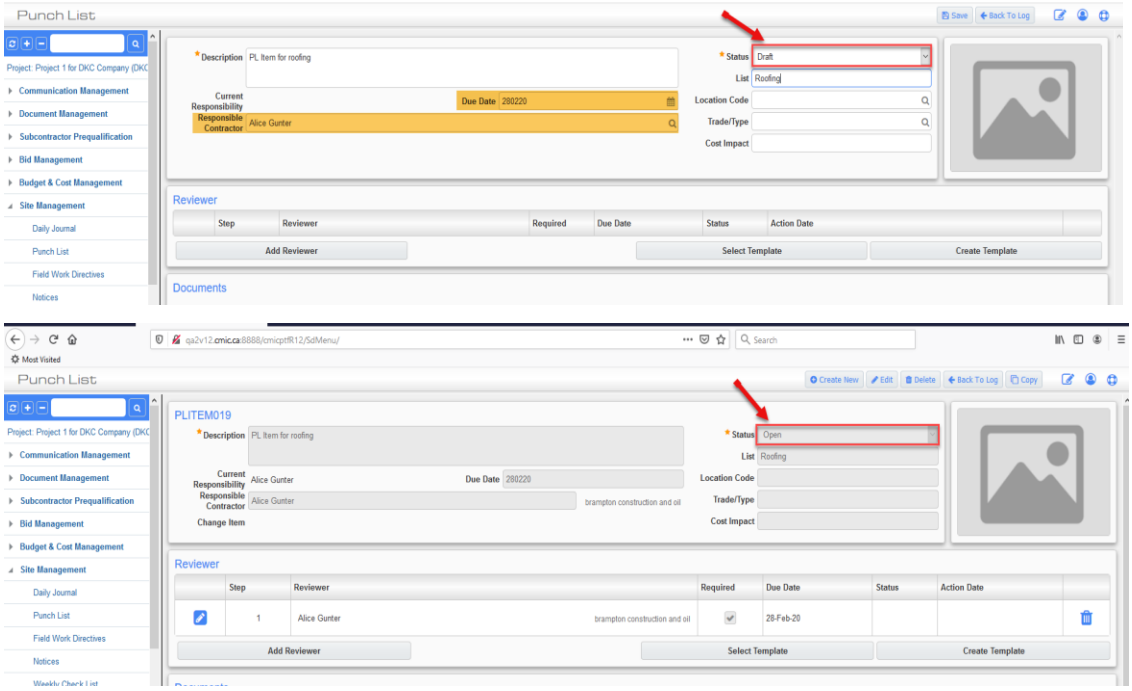
NOTE: Users are also able to save Revise and Resubmit Status under SENT or RETURNED via Edit History pop up and new cycle is created:



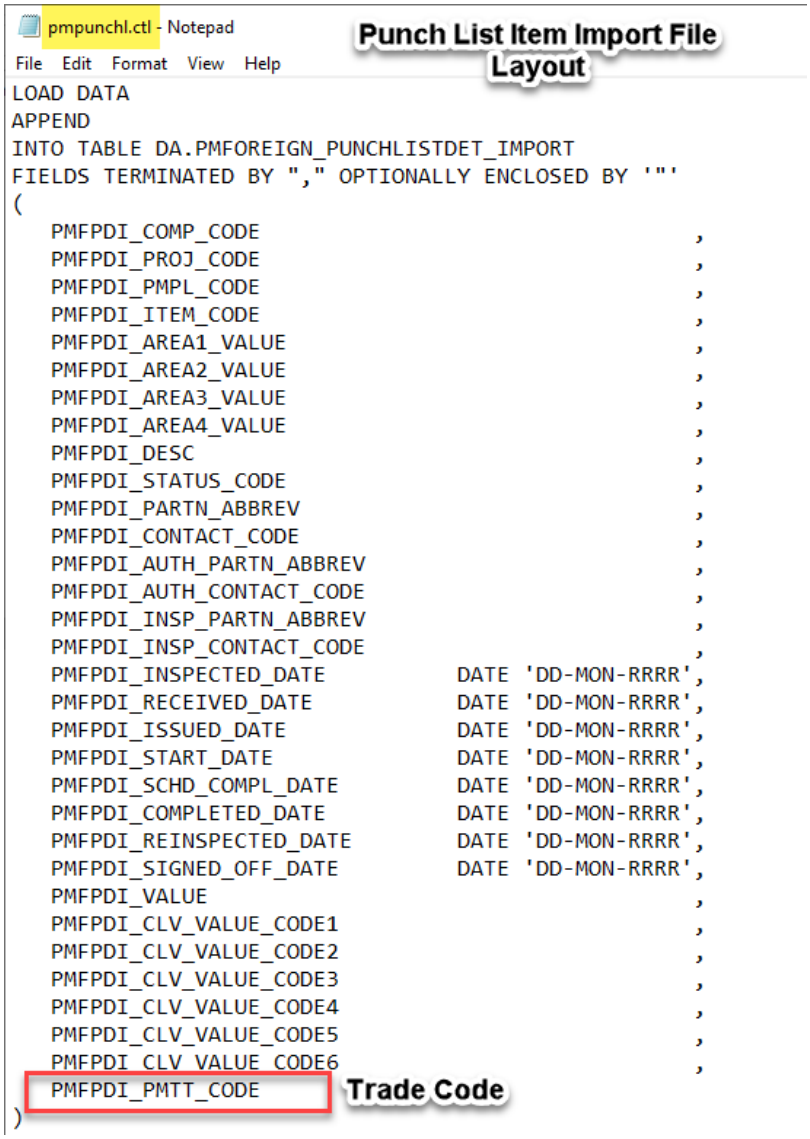


Punch List/Punch List Items Changes (19.71005/19.92750)

- Default status for Punch List items is set to Draft, when Responsible contractor and Date fields are filled, the status will auto-update to “Open”.



- Trade/Type field is included in the Punch List Items import file:



- Users are now able to receive notifications for the Punch List created from Punch List Item. Punch List Items will no longer appear in contacts Email Notification and View/Create/Update/Delete All Objects settings in Project Roles (previous patch – V12-010).

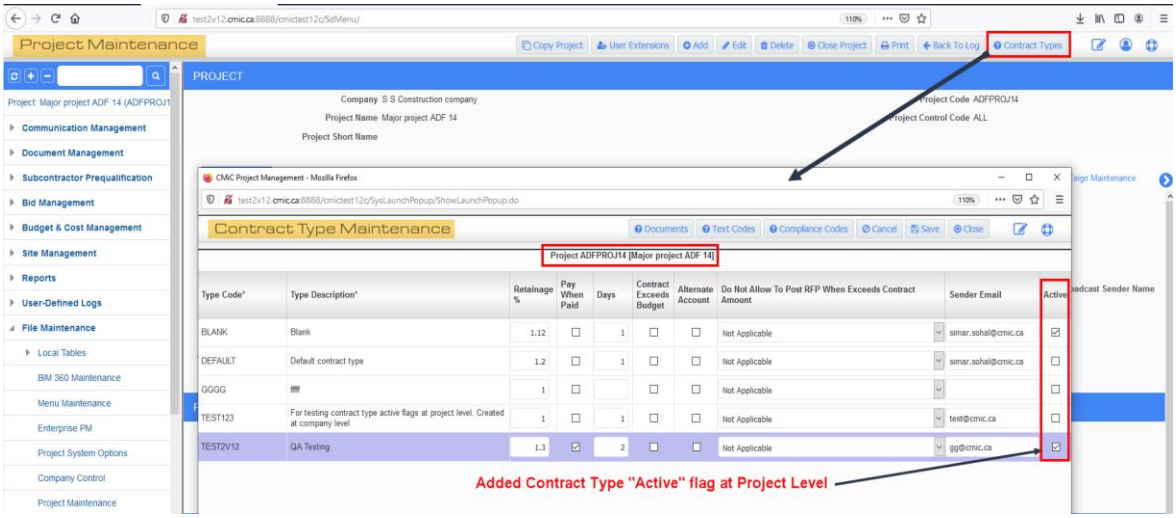
- If the Project does not have any Punch List Item existing, then a “NO CATEGORY” Punch List is created behind the scene (cannot be seen/hidden on Punch List screen) when the List field in Punch List Item is left empty.

  NOTES:

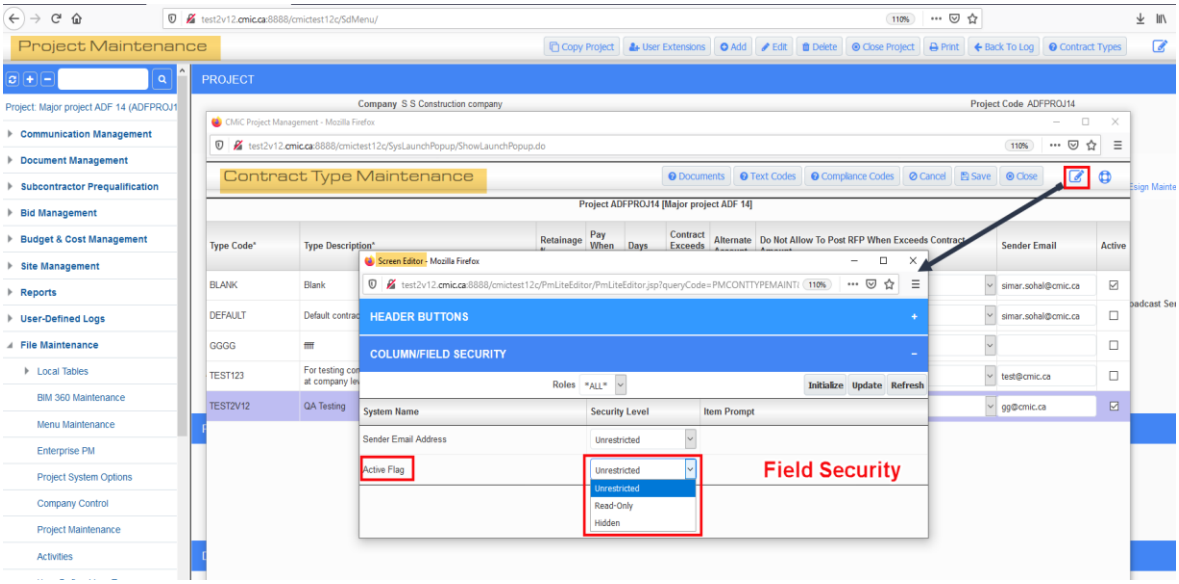
  1) NO CATEGORY Punch List will also be hidden now for Projects which has Punch List Items existing under this Punch List.

  2) Email Notification are not received when a NO CATEGORY Punch List is created.

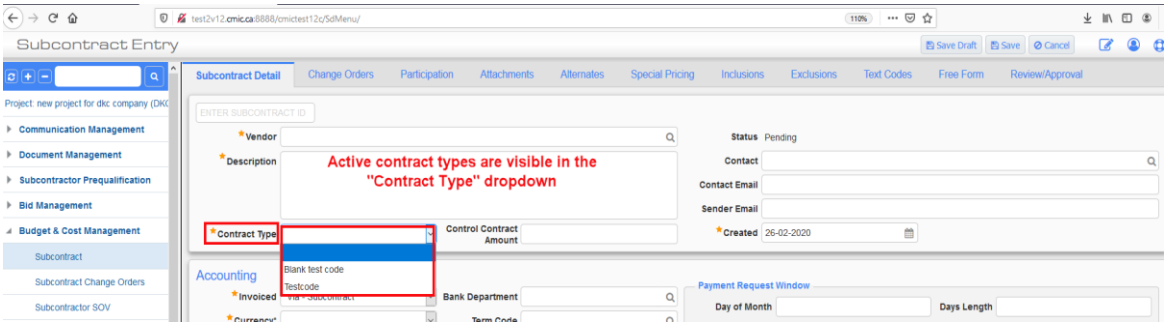
Contract Types – Project Level Active Flag (19.89814)



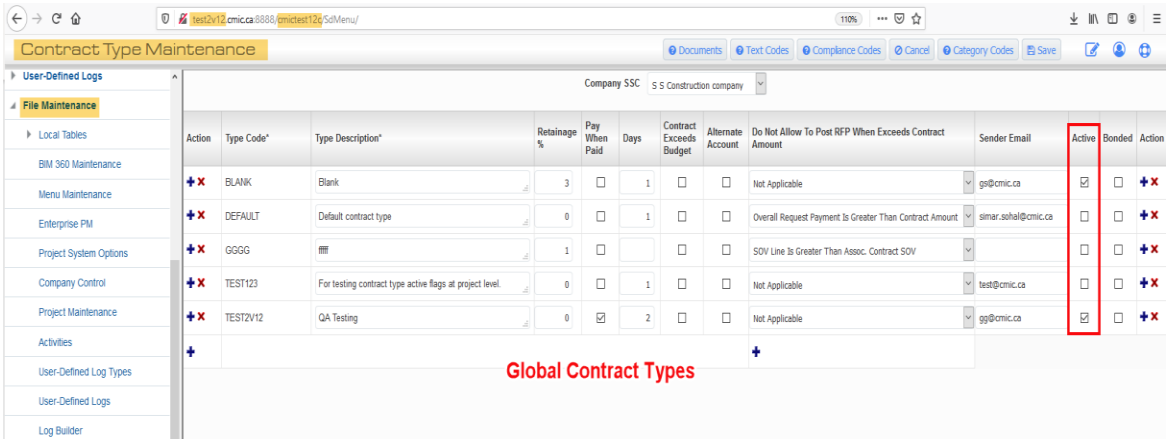
Contract Types (Project level) - modified Contract Types Maintenance program by adding an “Active” flag. Also added the ability to secure it with field security (Unrestricted, Read-Only and Hidden).



Now, user will be able to deactivate Contract Types by Project, using the Contract Types button within the Project Maintenance screen. And, as a result, in the Subcontract screen, only active Contract Types will be visible in the ‘Contract Type’ field dropdown.



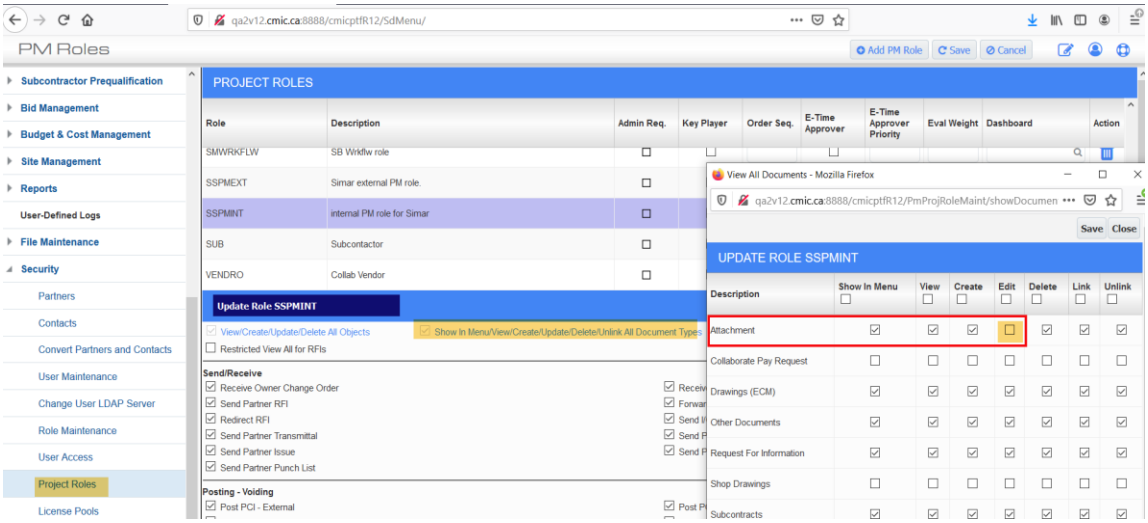
The “Active” flag at the Company Contract Types level (found in File Maintenance menu item) defaults to the “Active” flag at Project Level and can be overridden.

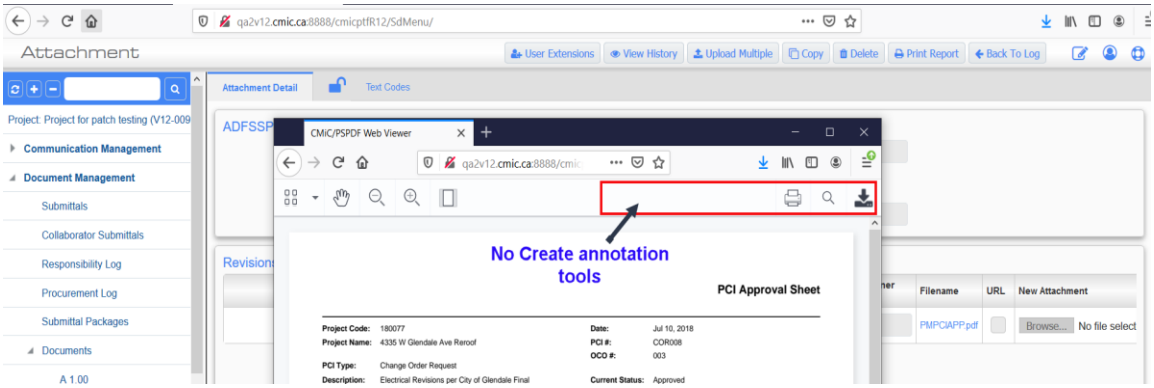


PSPDF Web Viewer - Enhancements (18.50703)

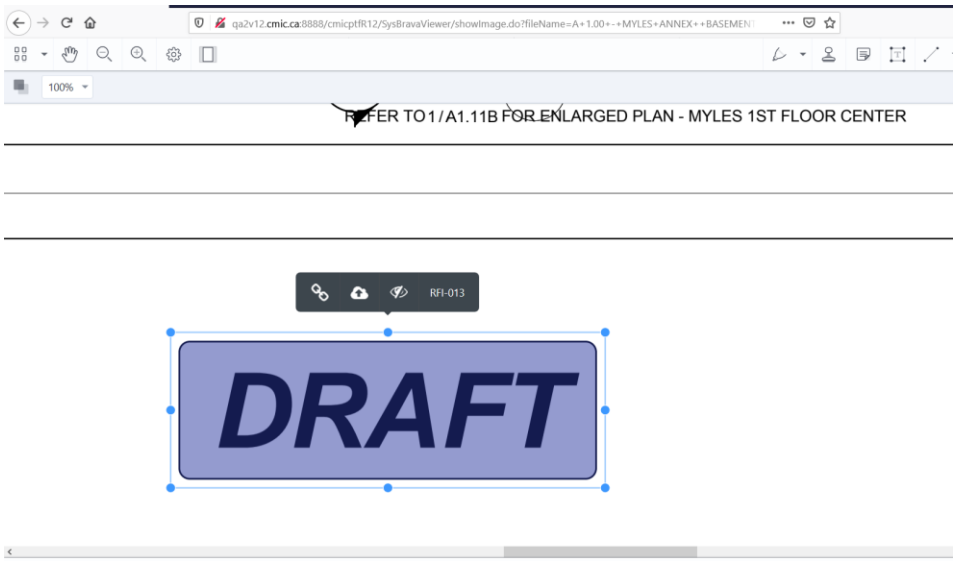
PSPDF has been upgraded to 2020.1.1 and the following enhancements have been added to PSPDF Web Viewer:

- ‘Delete’ icon has been removed from the PSPDF Web Viewer: when an annotation is selected on a Drawing (DRAWMGMT), as the user is not capturing the delete of annotation at database level so this icon is made hidden from viewer.
- Hide annotation creation tools from PSPDF viewer's toolbar when Edit flag is off for a specific document type.

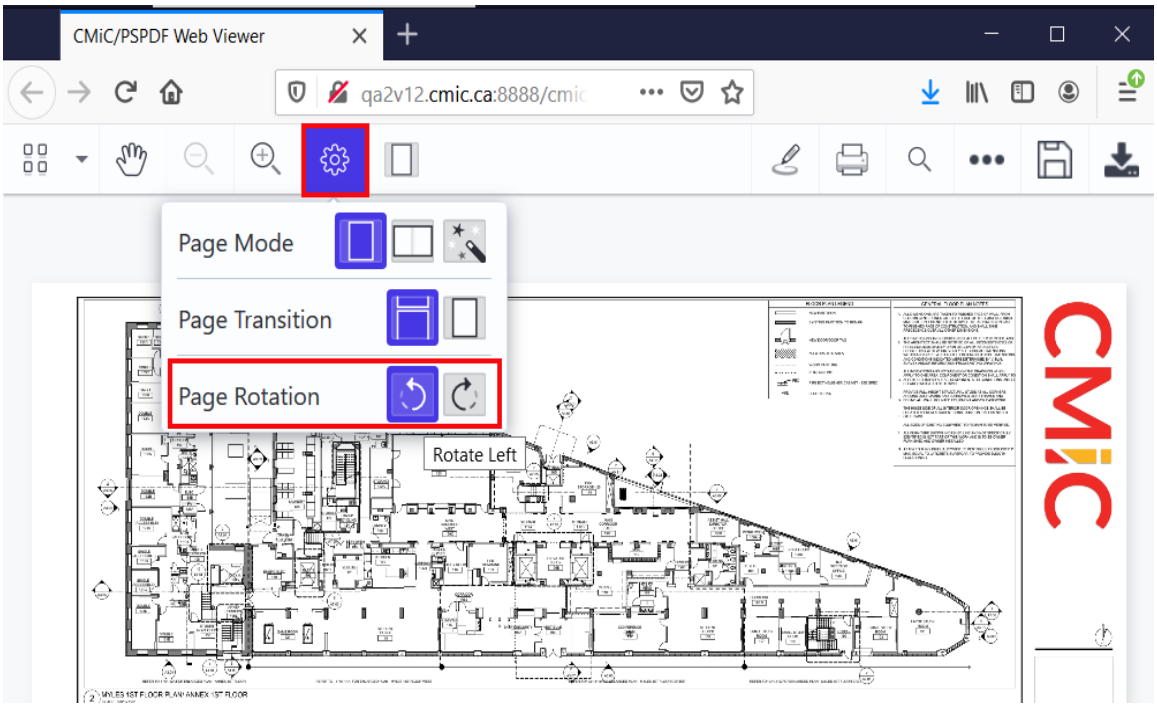




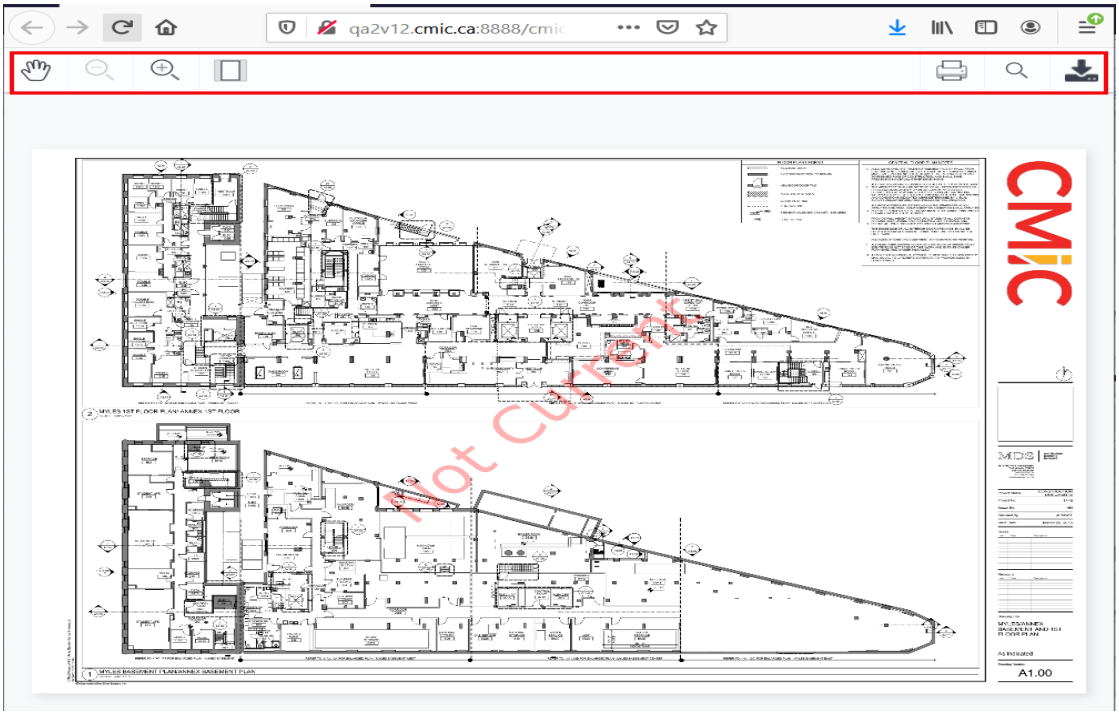
- Reduced amount of zoom level when saving or opening a linked annotation.



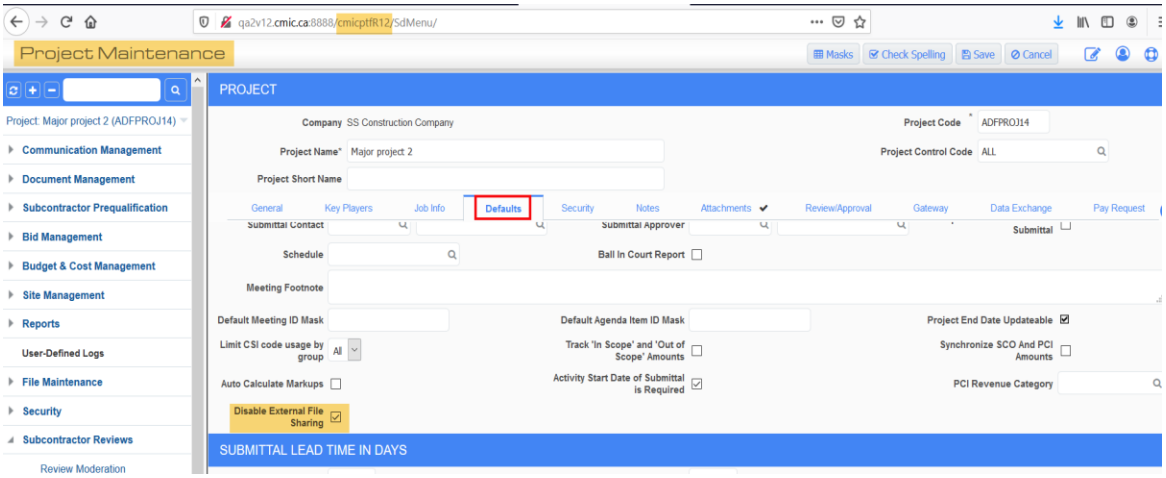
- A [Settings] button has been added to the tool bar, which has a new feature: “Page Rotation” for rotating a PDF file for Project Management and Imaging.

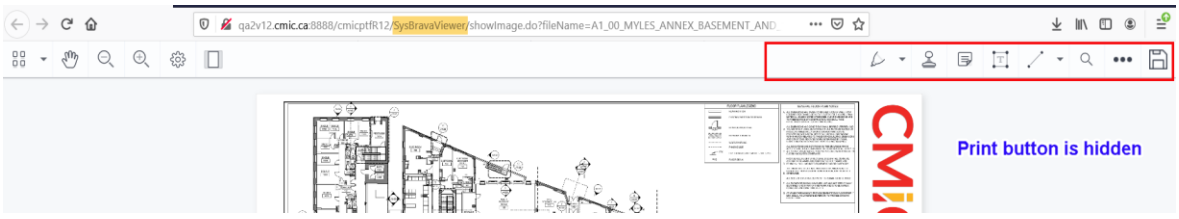


- Now, for Drawing Management when viewing old revisions of drawings, the toolbar is being displayed and shows some action icons such as: Pan, Zoom In, Zoom out, Fit Width, Print, Search and Download. In the previous version of PSPDF Viewer the toolbar was hidden when viewing old revisions.

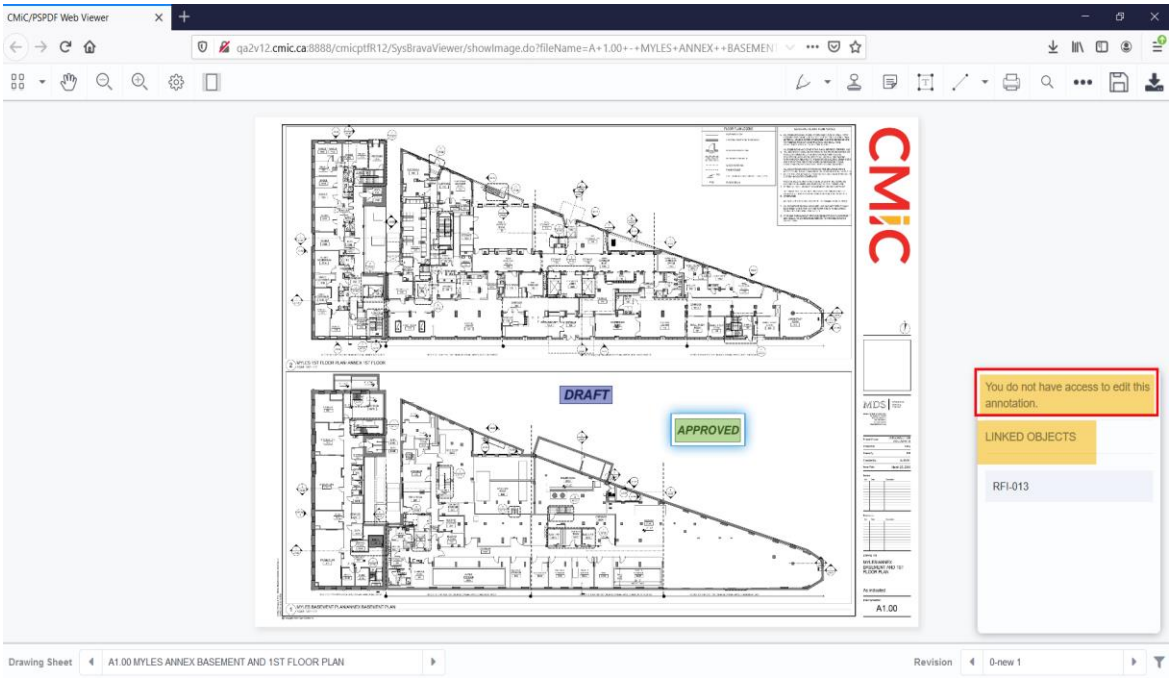


- When the “Disable External File Sharing” flag (in Project Maintenance screen > Defaults) is ON, the [Print] button is hidden in the viewer. Also the action of Ctrl+P is restricted so the user cannot print the document by this means as well.

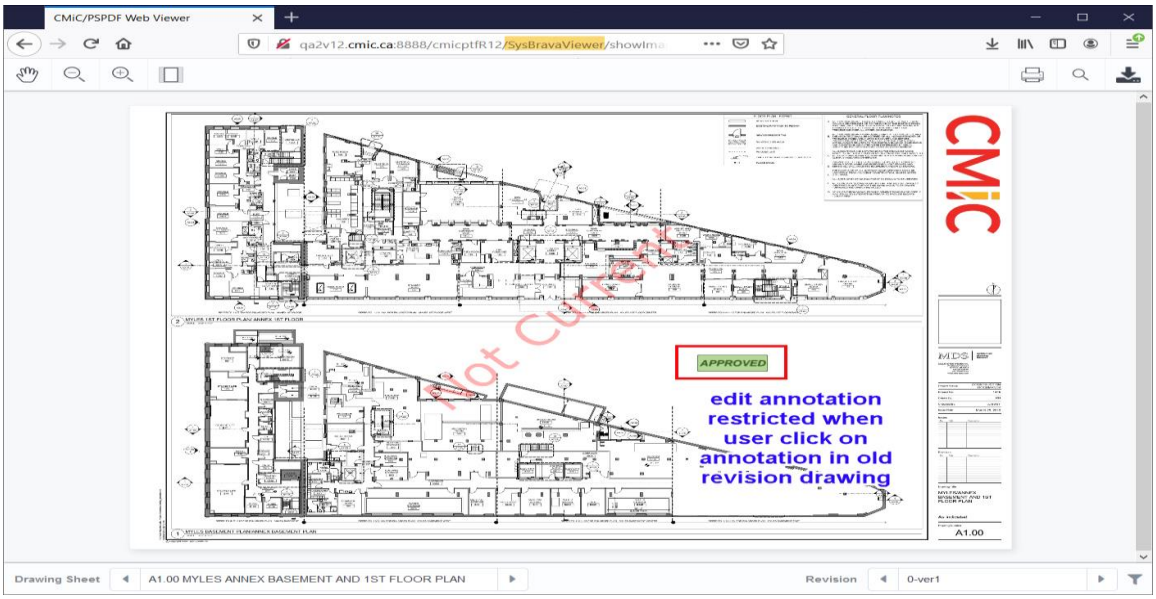




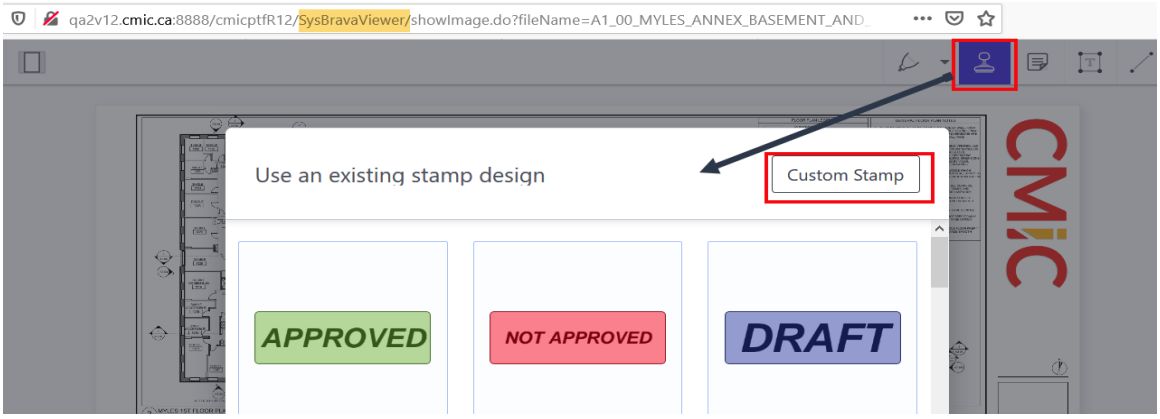
- When the user does not have the privilege to edit annotations, then the PSPDF Viewer displays a popup window to show linked objects with the heading "You do not have access to edit this annotation".

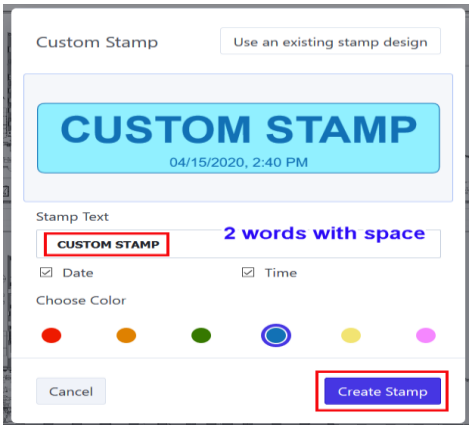


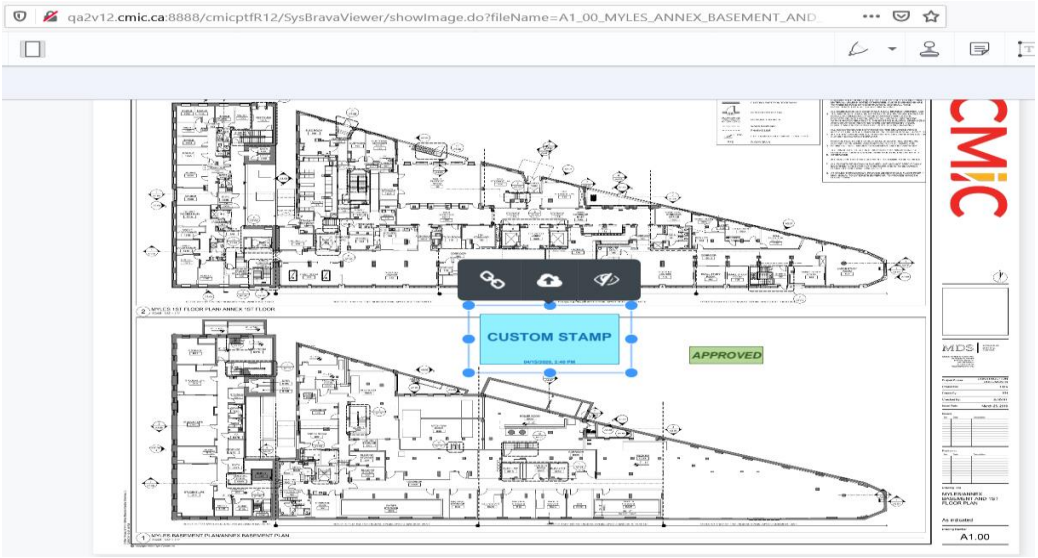
- Editing of annotations is restricted when the user clicks on annotations in an old revision (usually has the watermark “Not Current”) for document type DRAWMGMT.



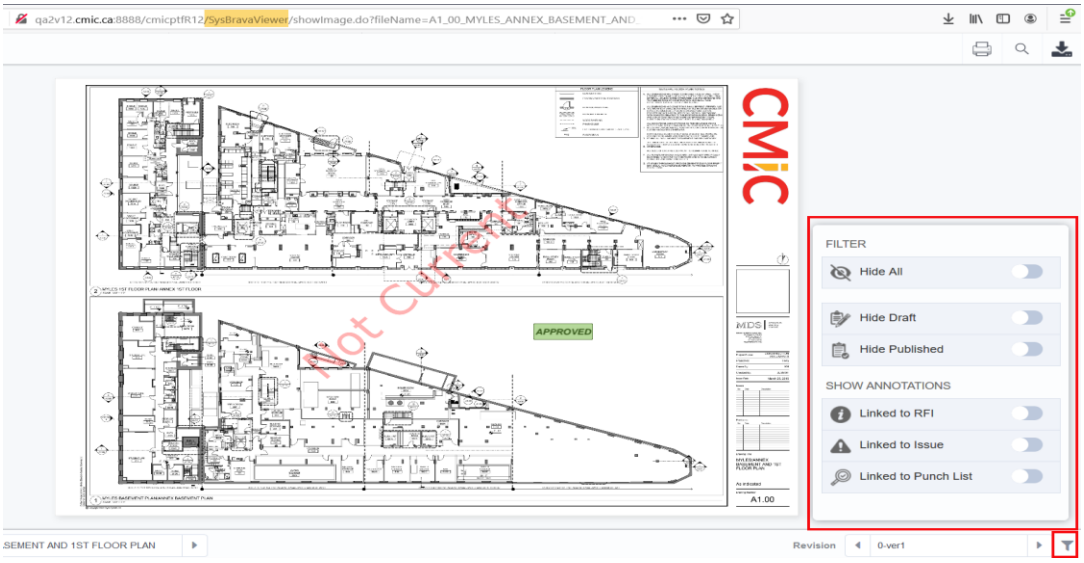
- Now, user is able to create a Custom Stamp annotation with space between the words, in case the stamp name has more than one words (as shown in screen shot).



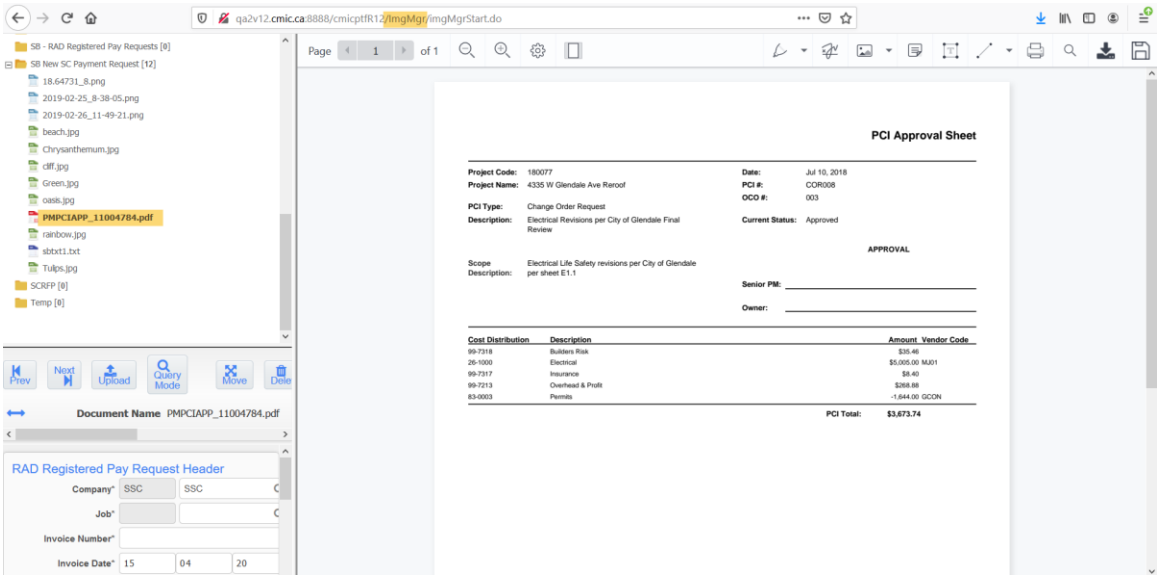




- Filter icon has been fixed for the PSPDF Viewer. Now, the user is able to hide/show annotations based on requirements from the filter pop-up.

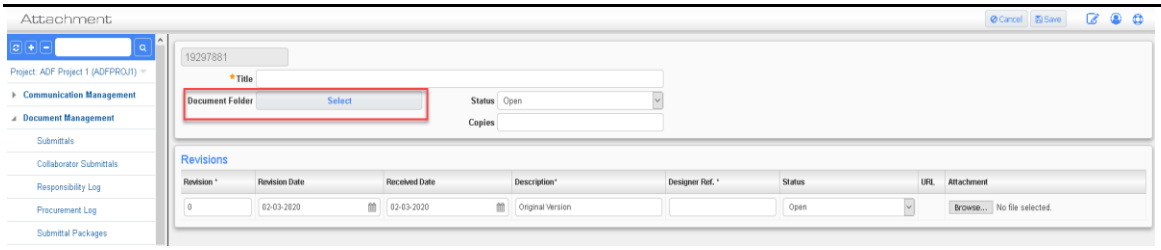


- Unwanted padding has been removed from the Viewer when viewing the PDF in Image Manager.



- A form editor feature has been added to the PSPDF Viewer. i.e. if there is any form (consist of text fields) onto the PDF, then user will be able to edit/ change the form fields such as move the position of Input fields. And on saving this modified PDF form a new revision will be created.

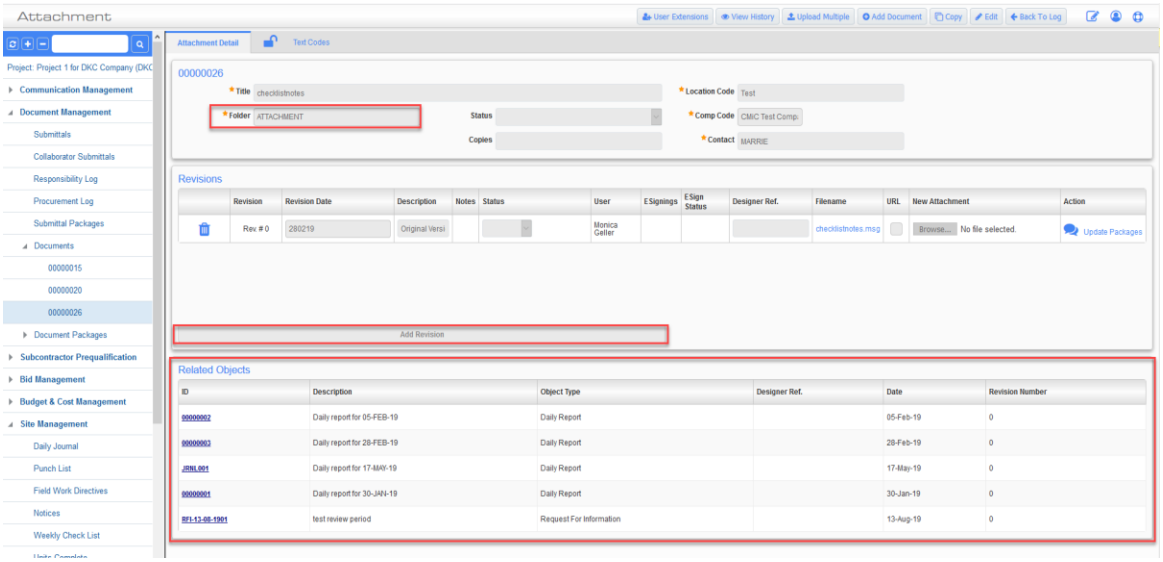
Documents 2.0 (19.90538)

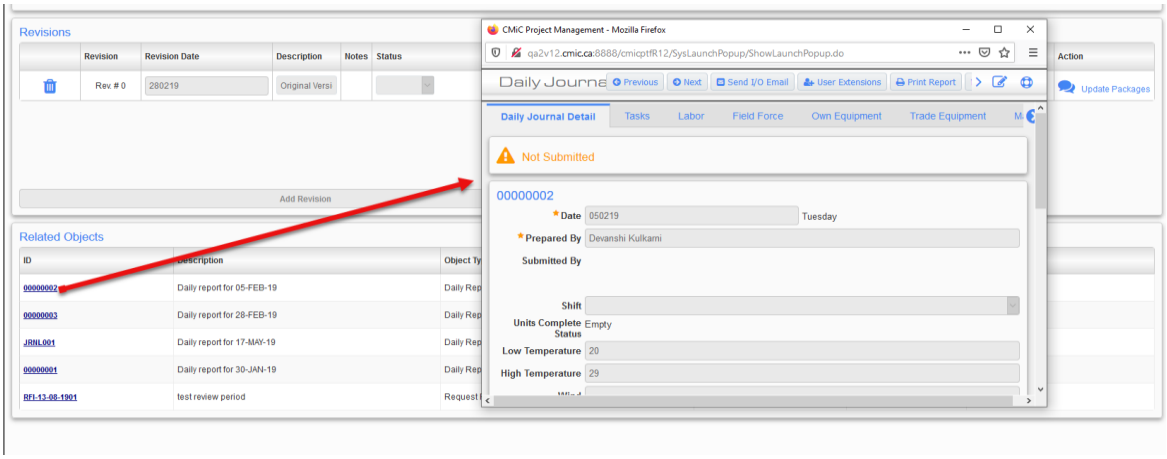


The JSP Documents screen has been modified to improve the general visual appeal and user experience.

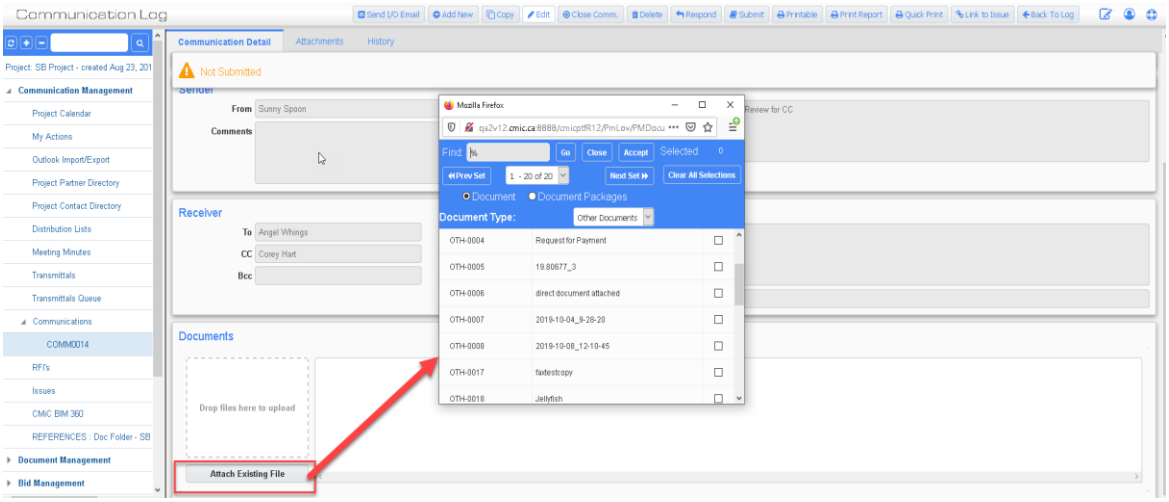
Some of the features are itemized below:

- Implementation of “Add Existing File” functionality to the document strip, to allow the user to add documents from document management to the PM object.
- The Document Folder field (defined in Menu Maintenance) shows the folder to which the document belongs (not to be confused with Document Type folder). It can only be selected during Add mode of a document record. It is not visible thereafter.
- New Revisions to the document can be added by the [**Add Revision**] button (enabled in [**Edit**] mode).
- Related Objects section - where all the related objects for that document can be viewed and the object can be accessed by clicking on the link.
- Field security for the [**Add Document**] button can be applied if desired.



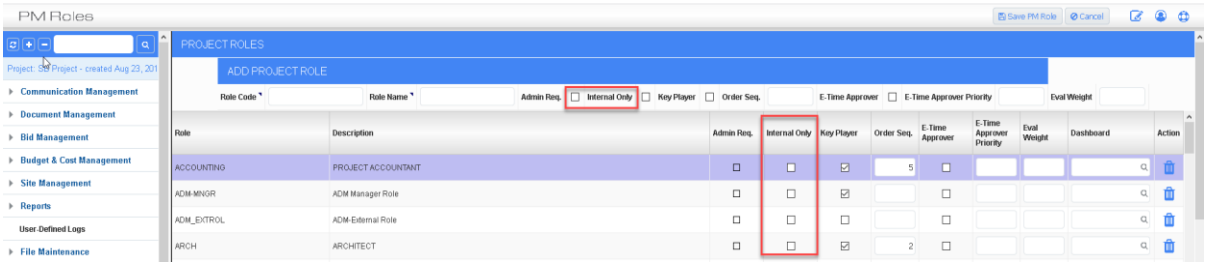


[Attach Existing File] button:

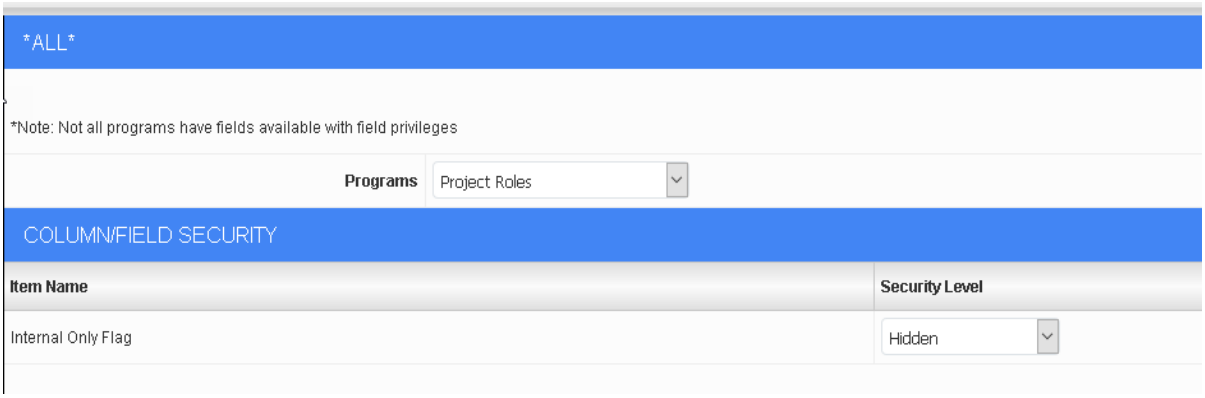


NOTE: This body of enhancements may require switching on (i.e. to non-classic mode – 2.0) by running of the version script under work item 2 of this issue. (19.90538-2). Please contact CMiC.

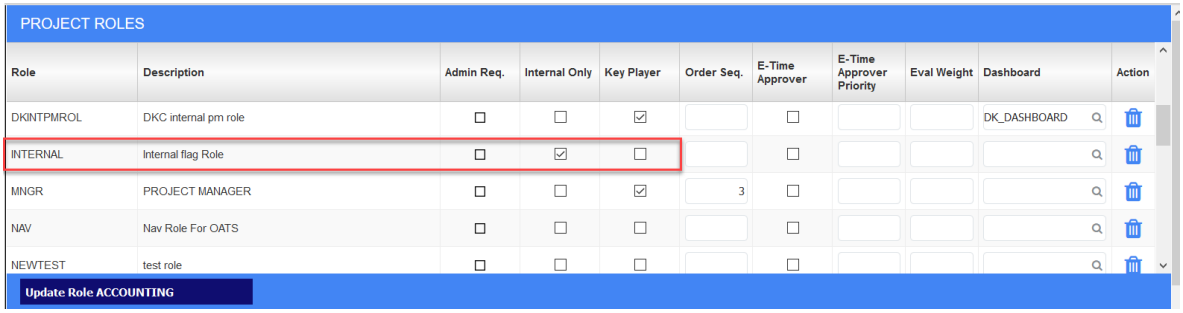
Internal Only Flag on Project Role (20.18912)



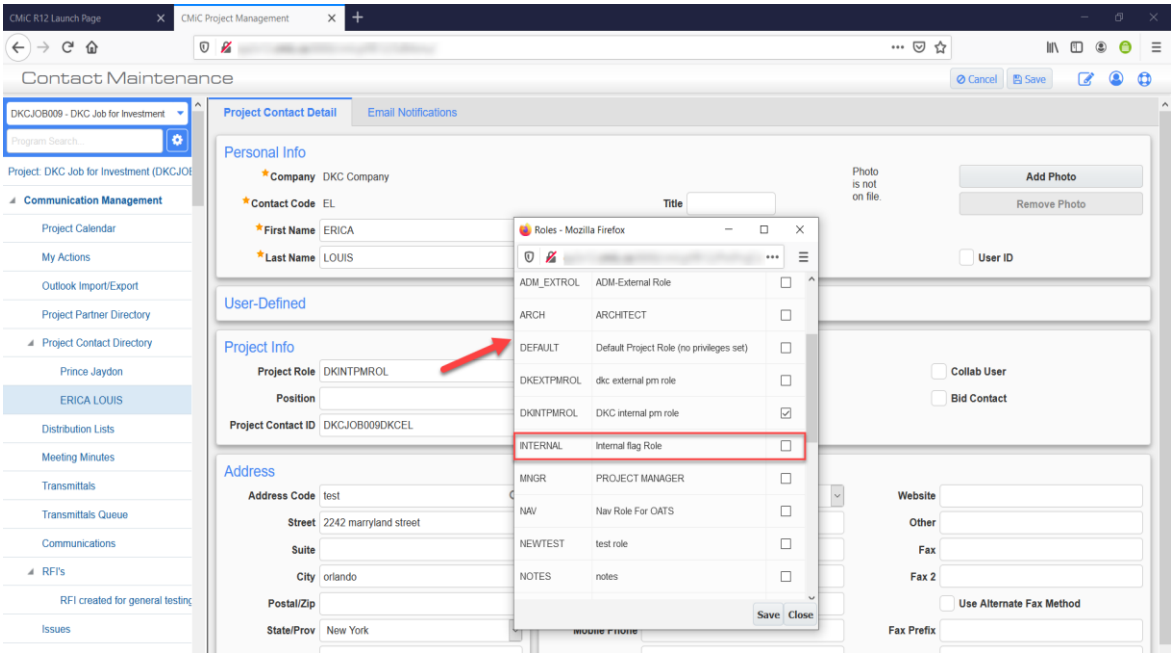
Changes applied to prevent assignment of internal PM roles to external contacts by introducing a new 'Internal Only' flag which has been added to the Project Role Maintenance screen. By default, the flag is HIDDEN (field security on the *ALL* role) and unchecked. When checked, this role will be available for 'C' type contacts only.

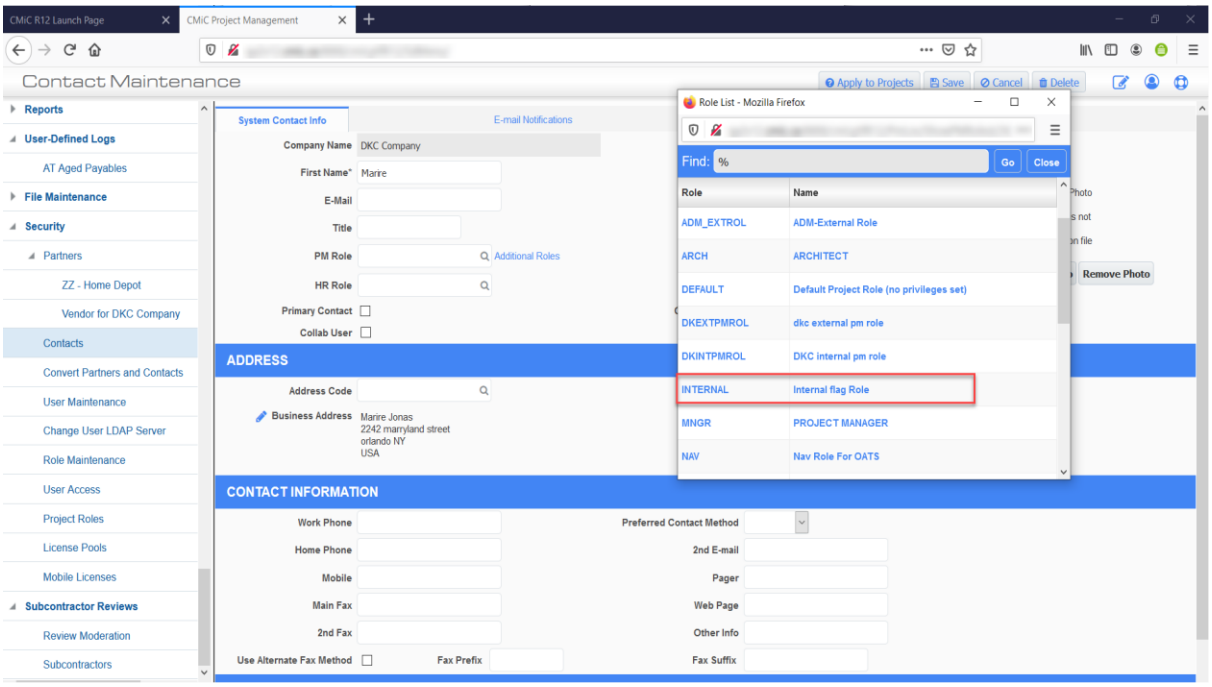


In Project Contact Directory and System Contacts, the roles having 'Internal Only' flag checked will be visible in the Project Role LOV for 'C' type contacts and will not be visible for 'P' type Contacts.

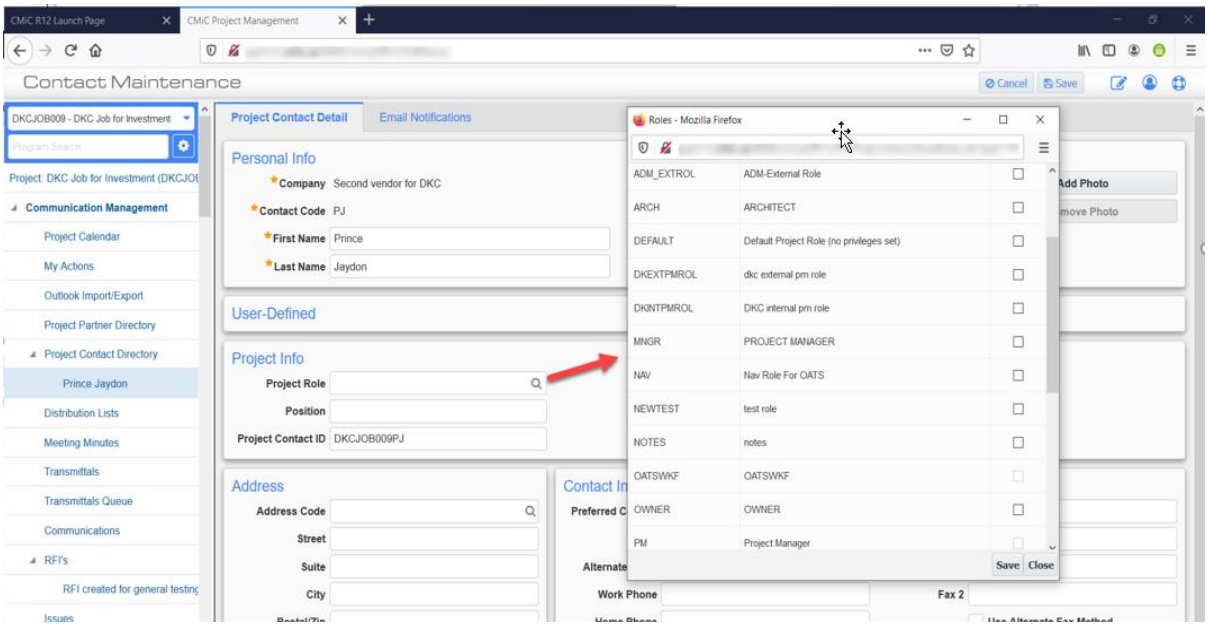


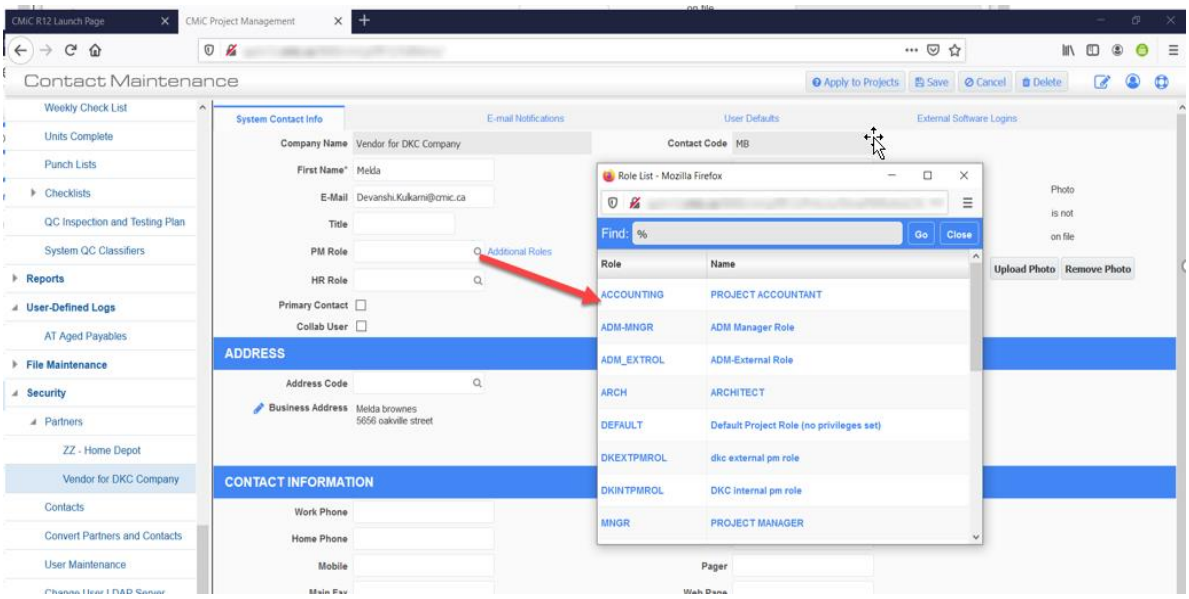
C Type Contact (Role with internal flag checked shows in LOV):



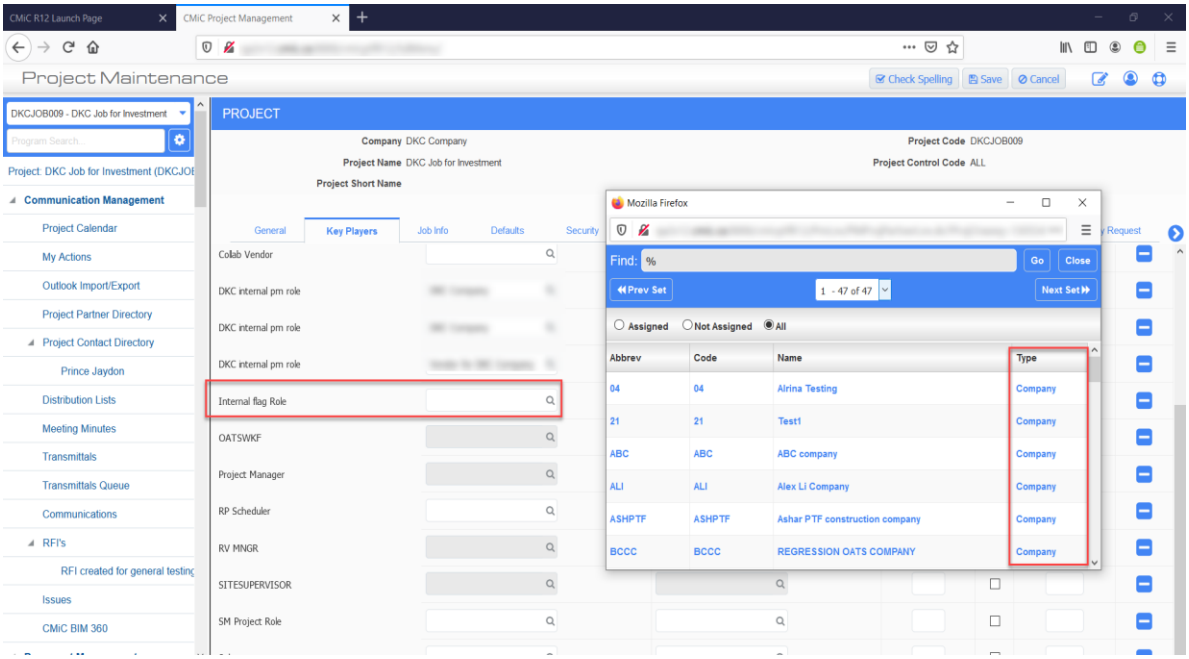


P type Contact (Role with internal flag checked does not show in LOV only regular roles are visible) :

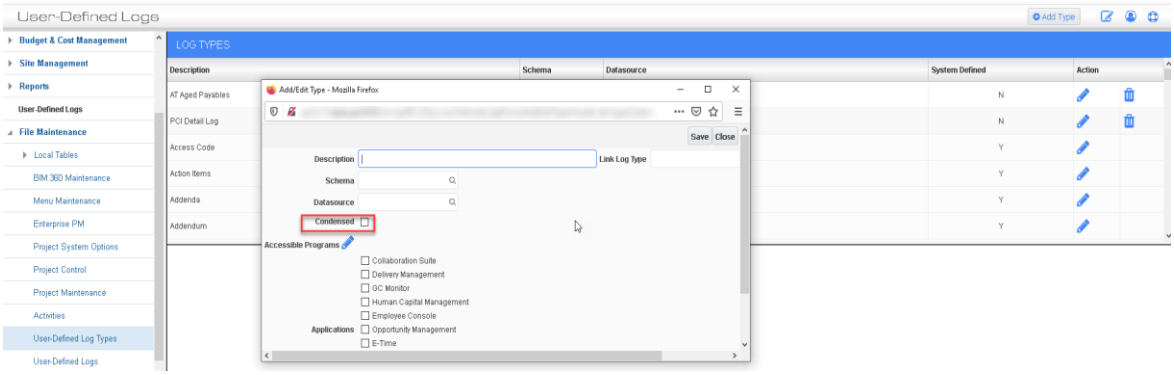




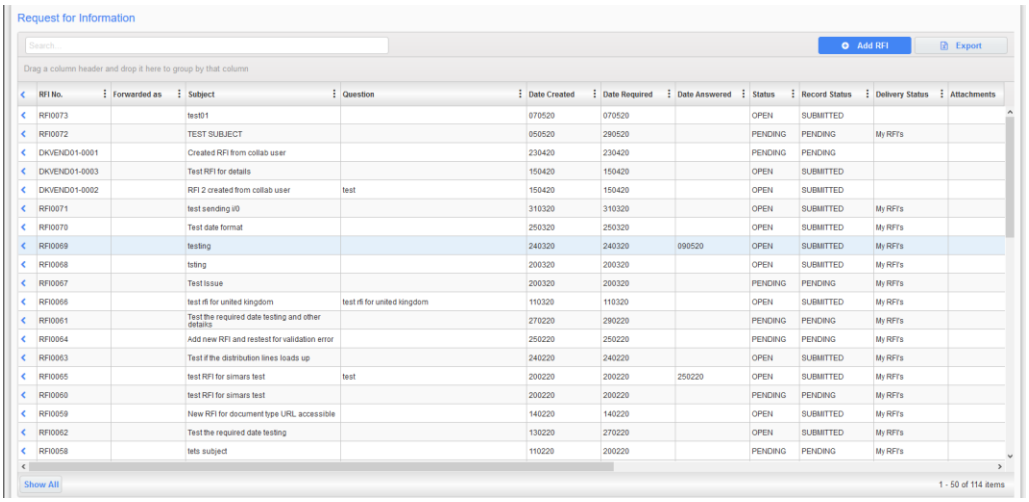
In Key player tab of Project Maintenance for the roles with Internal Only flag checked, only ‘C’ type contacts will be available.



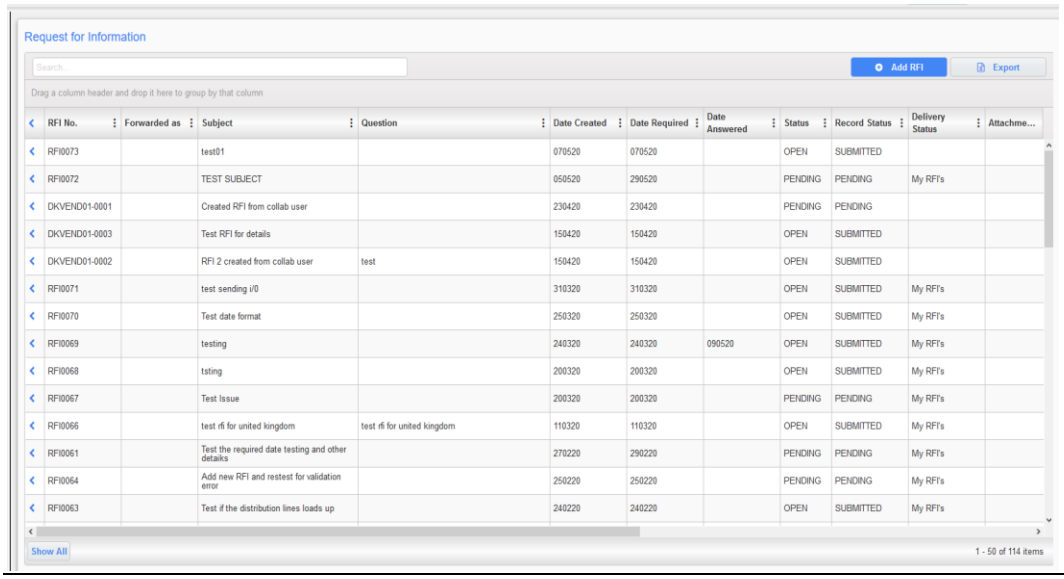
Condensed Mode for JSP Logs (20.23942)



Condensed mode for all JSP logs - Added "Condensed" mode flag to User Defined Log Types screen.

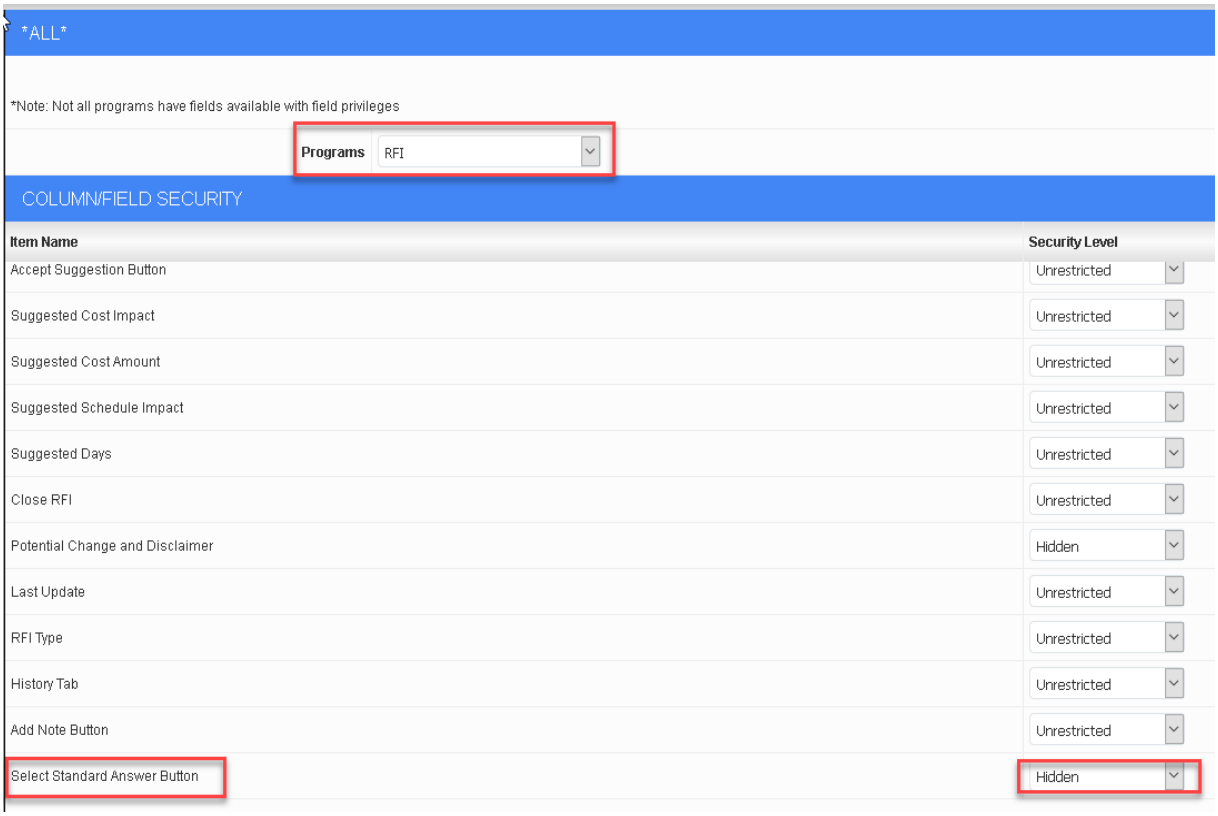


Condensed flag checked



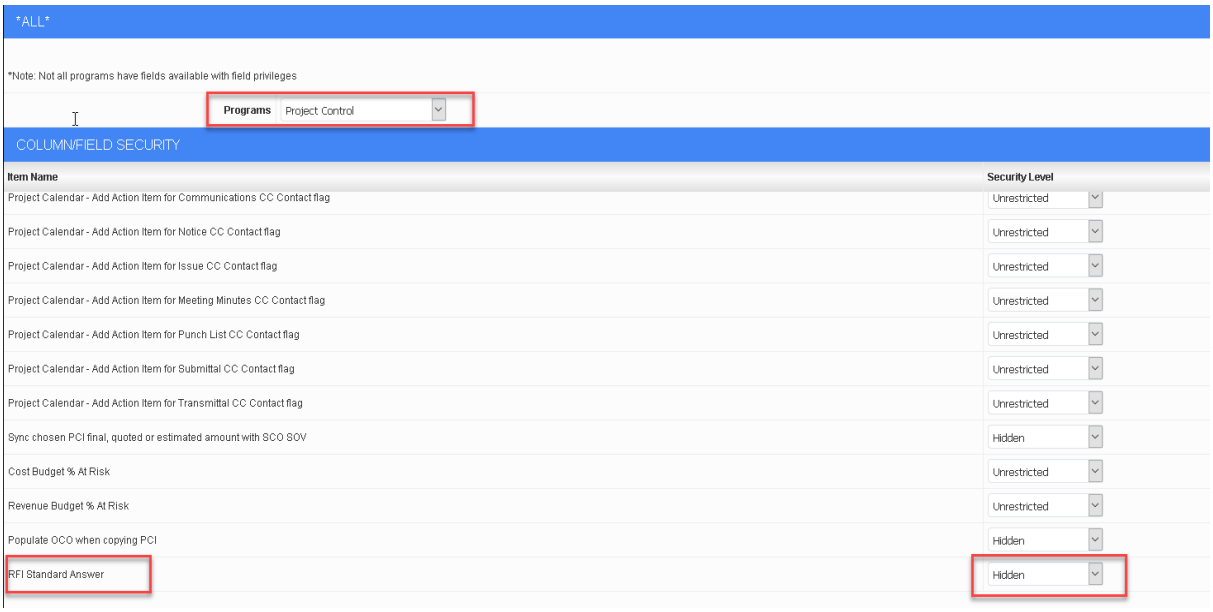
Condensed flag unchecked

RFI Standard Answer and its Related Button (18.54300)



a) Added field security for 'Select Standard Answer' button in **RFI**. By default, the flag is HIDDEN (field security on the *ALL* role).

b) Added field security for 'RFI Standard Answer' text type in **Project Control**. By default, the flag is HIDDEN (field security on the *ALL* role).

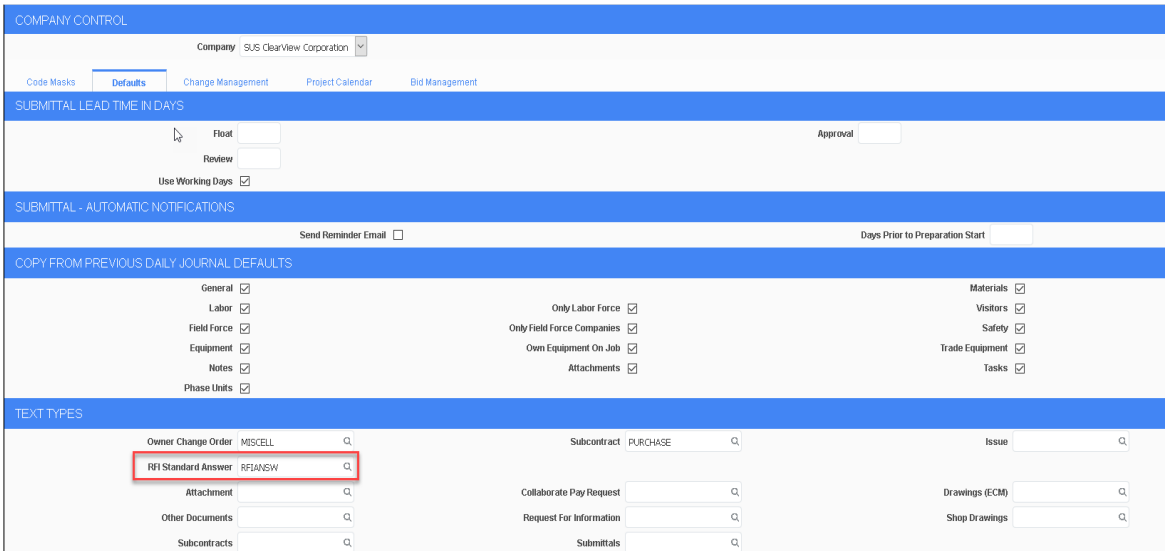


Once these objects are opened up they can be used as described below.

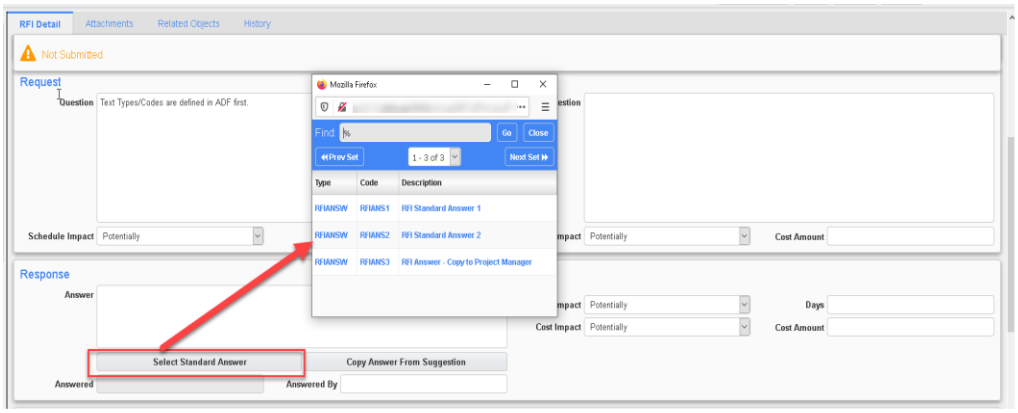
RFI TextTypes for Standard RFI Answer

Text Types (and Codes) can be defined for RFI Answer if there are standard answers that the user wants to select from when responding to an RFI Question.

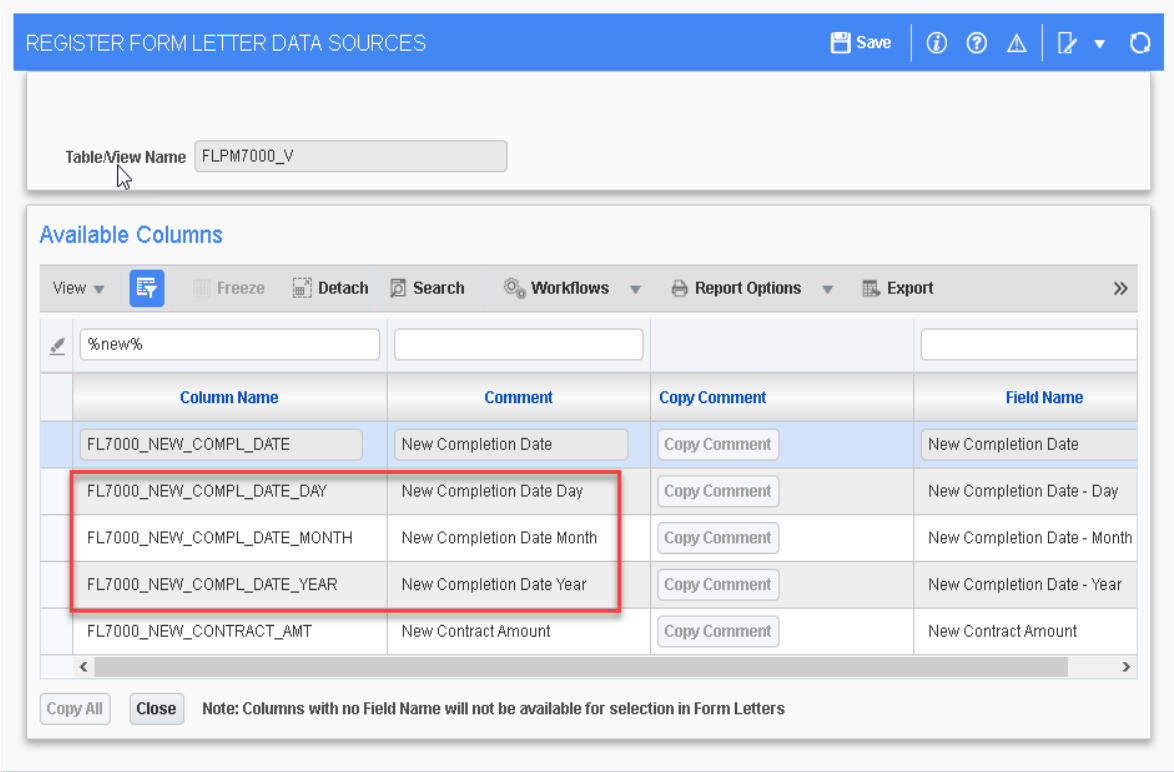
These can be defined in ADF (Text Types, Text Codes), and then set in the Project Control – Defaults tab, as company defaults:



The default Text Type code that is set as the company default, has one or more text codes defined for it, to which the desired possible standard answers are connected. These will then be available for selection in the popup window displayed when the [RFI Standard Answer] button is clicked in an RFI record:



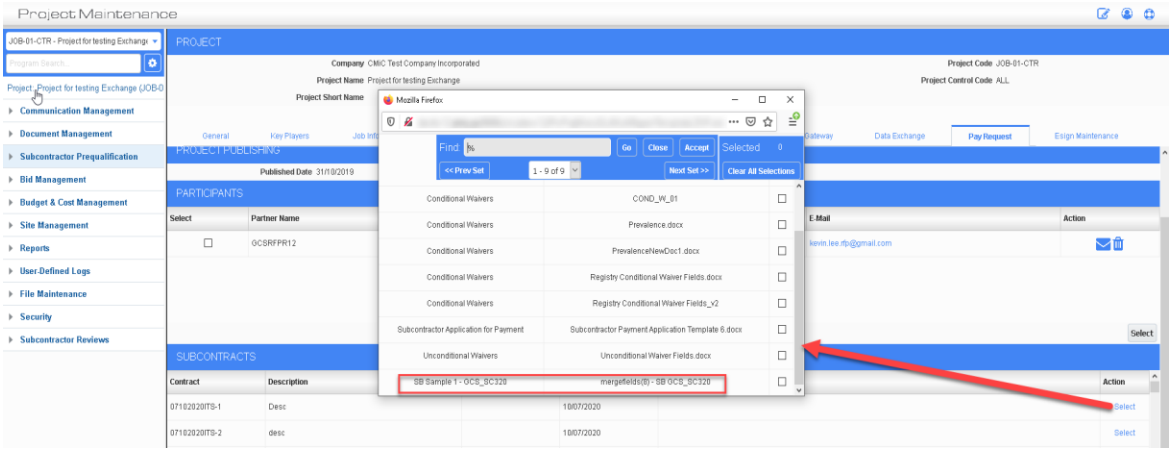
Form Letters – Fields for OCO Completion Date (20.21103)



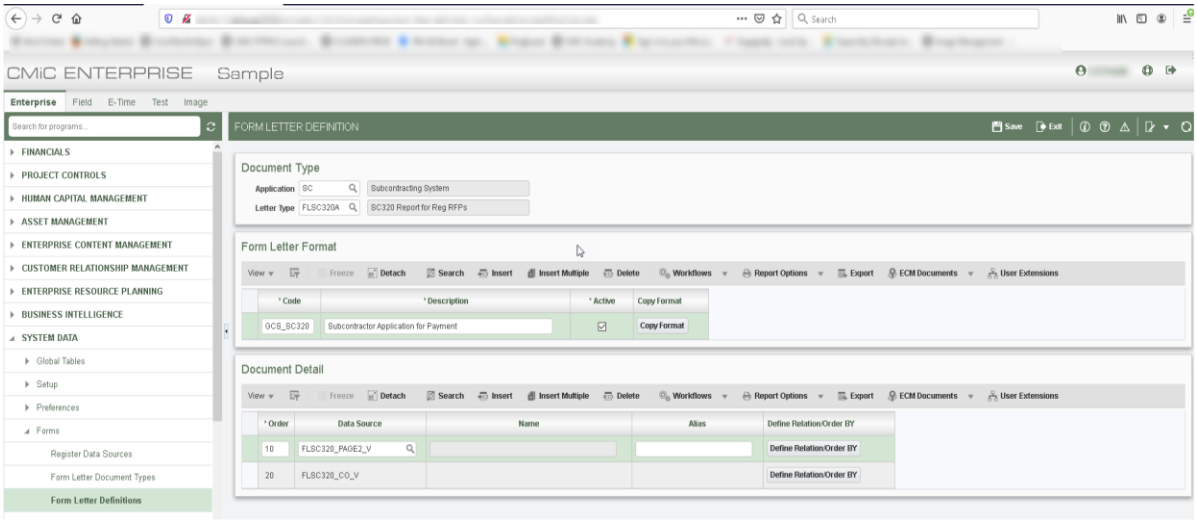
Added a Completion Date field for OCO - with separate fields for Day, Month, Year in form letter view FLPM7000.

Project Maintenance Pay Request tab - Added GCS_SC320 MIP Report to Publishable MIPs (20.28447)

Changes have been applied to add the Certificate of Payment MIP report (GCS_SC320) to the LOV on the **Select** pop-up in the Pay Request tab - found on the Project Maintenance screen, once the GCS MIP template is defined in the system (an example is highlighted in the screenshot below).

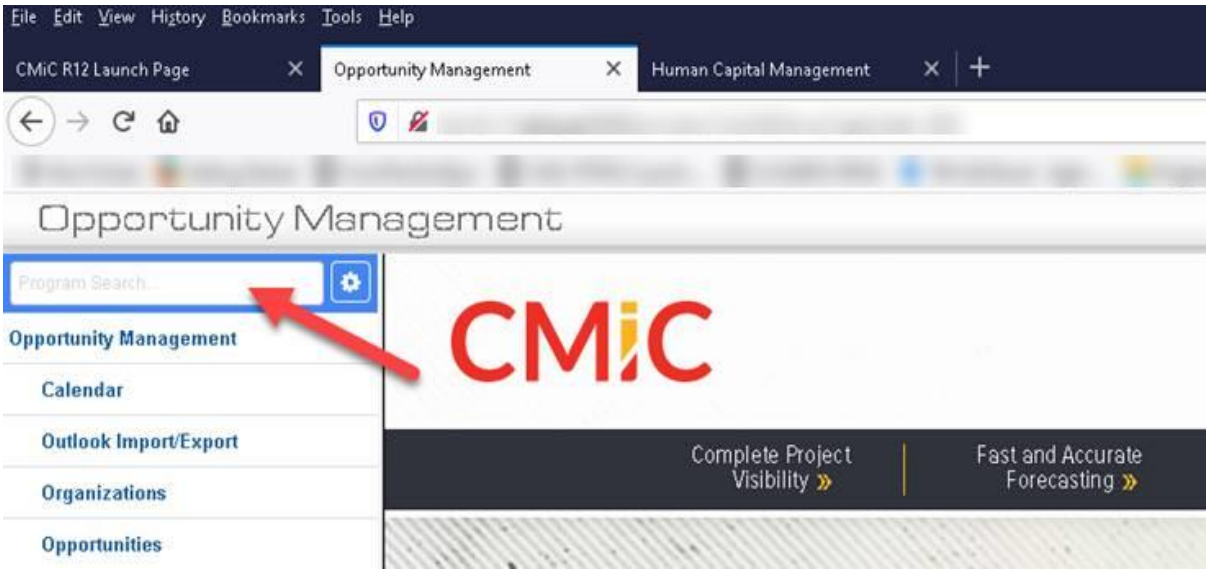


The screen below displays the Form Letter Definition that has been created for this report:



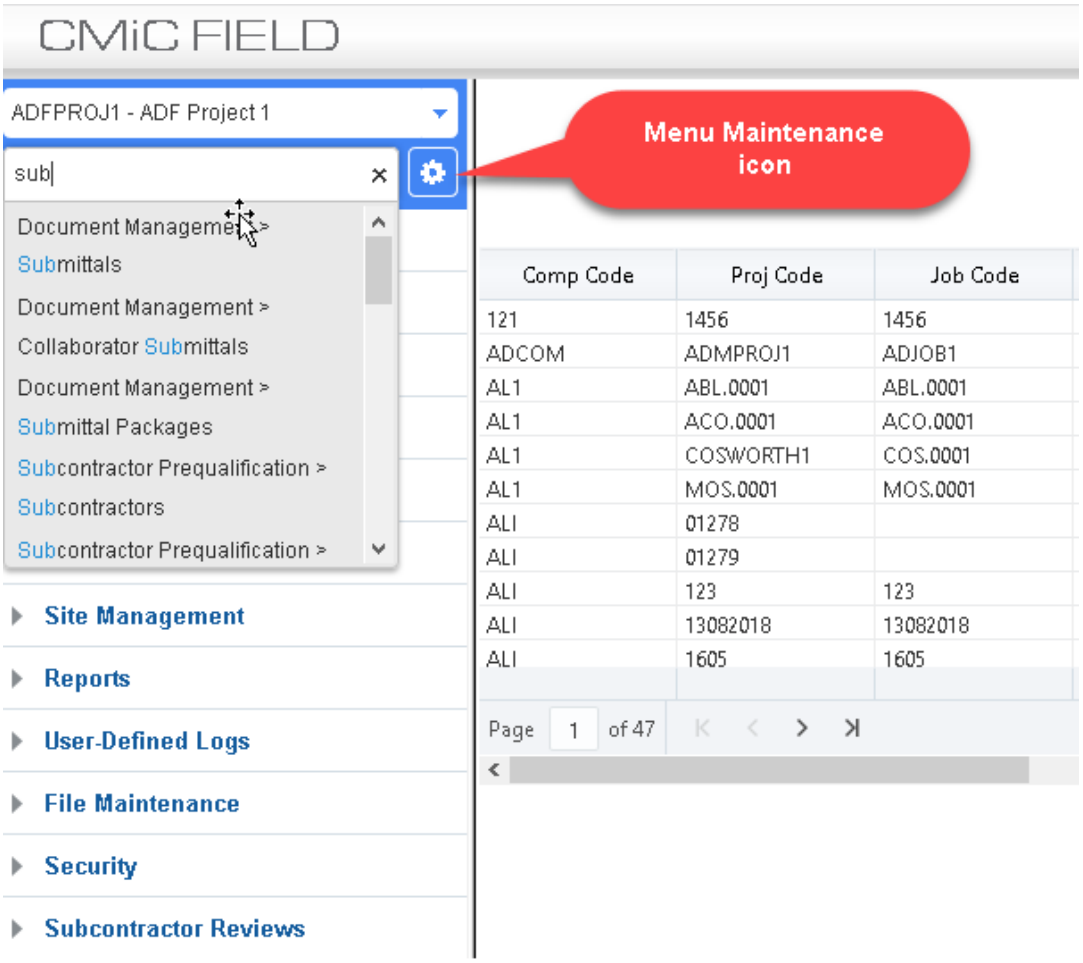
JSP Tree-view - Implemented program Search and other enhancements (20.27902/PM-615, PM-809)

Enhancements have been made to the JSP tree-view to allow users to Search for a program on the tree, similar to ADF. This is available in the tree-view of **all JSP modules**.

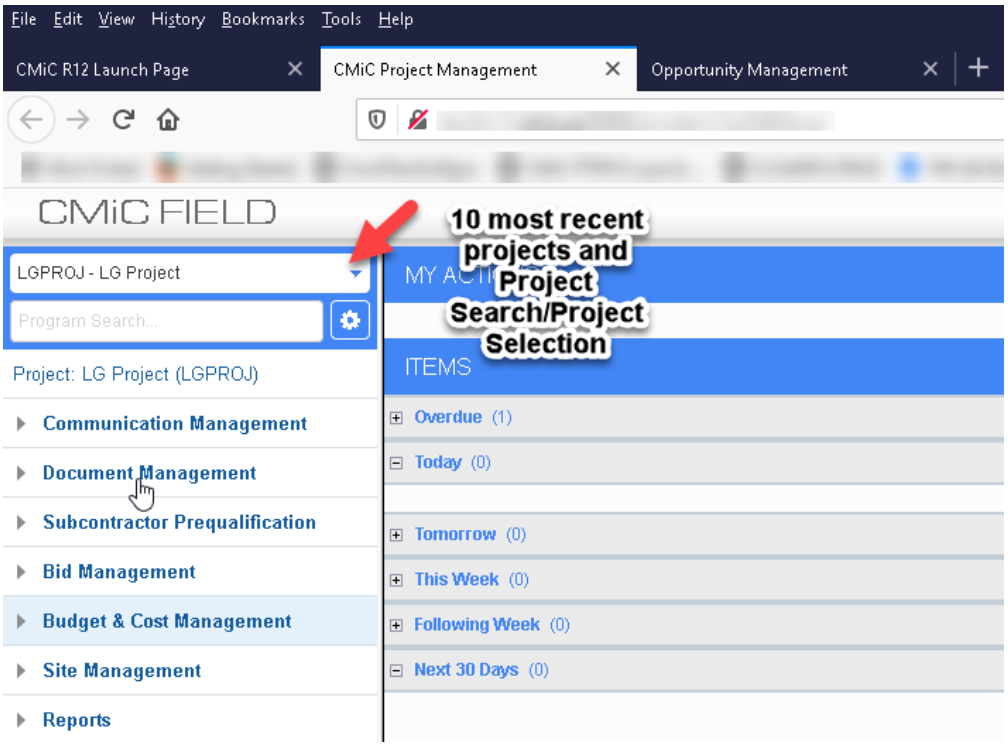


A list of the Search results is displayed after the search term is entered. The user can then select the menu item they want to get to (see screen below).

The Menu Maintenance screen is also now available by the icon shown below.

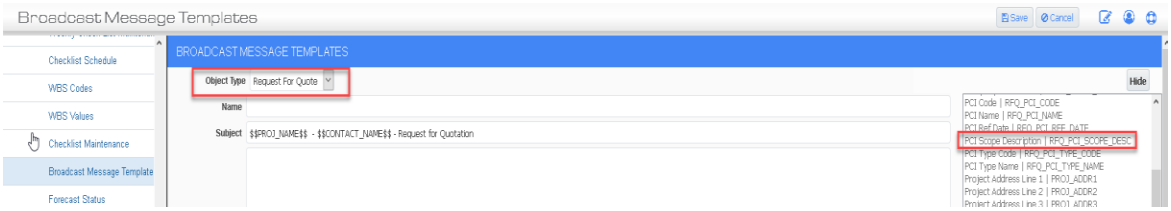


In the case of PM JSP, there are some additional changes as shown:

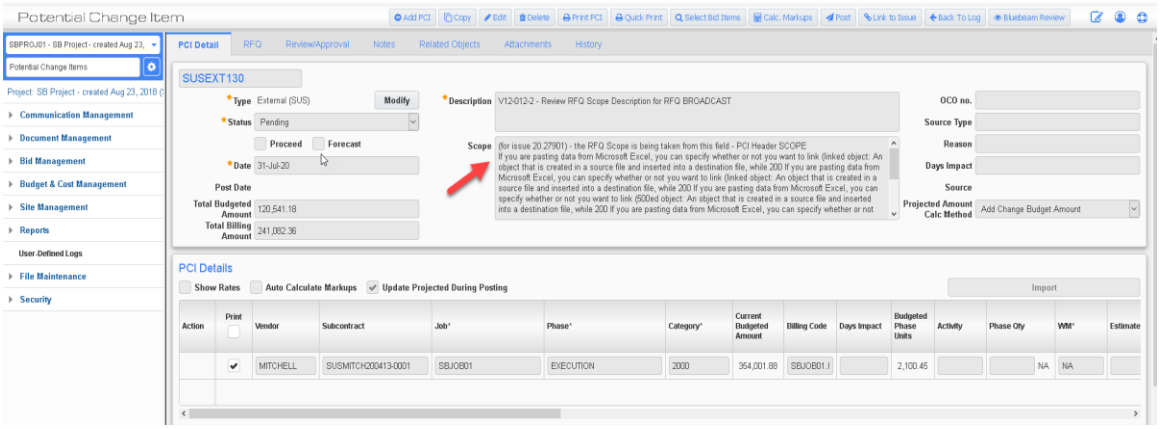


Request For Quotation – Broadcast Template Placeholder for PCI Scope Description (20.27901)

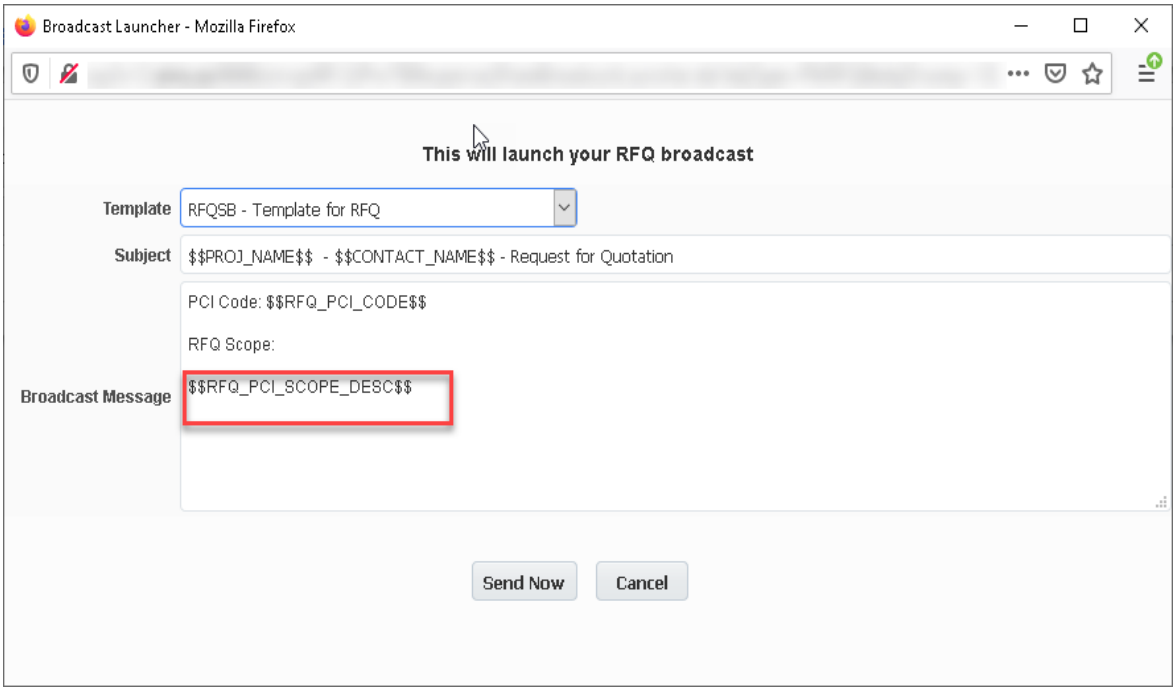
The PCI Header Scope Description has been added to the RFQ Broadcast Message Template as the RFQ PCI Scope Description field place holder. The name of the placeholder is RFQ_PCI_SCOPE_DESC.



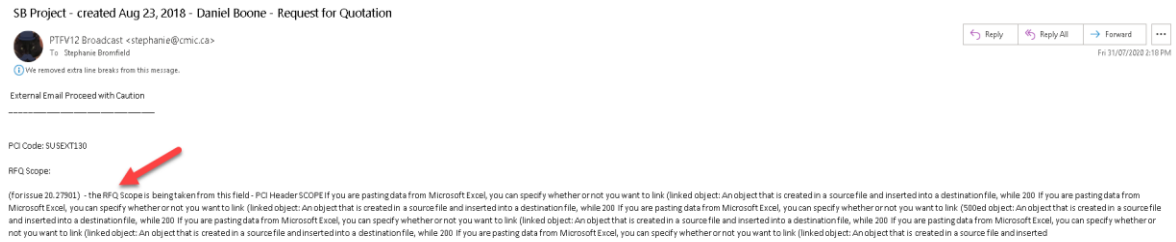
An example is given below.



Scope placeholder shown in the template when the RFQ is about to be broadcast:



RFQ Broadcast email showning the Scope:



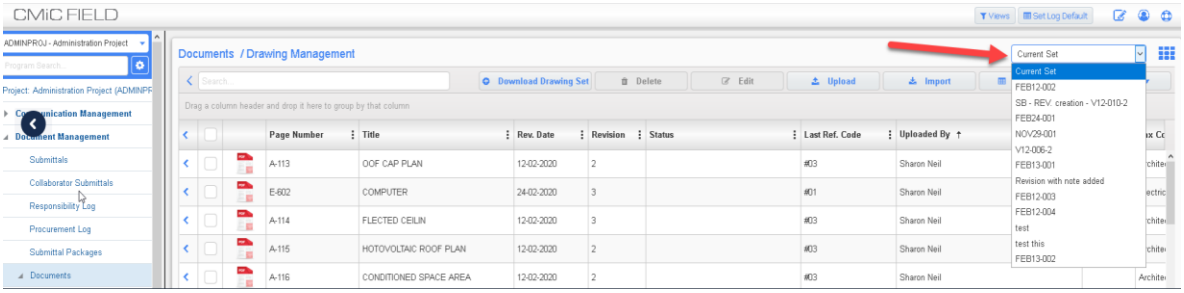
Version Name (Revision Description) Filter for Document Type DRAWMGMT (20.27276/PM-739)

CMiC has added a Version Name Filter which is applicable for the document log associated with document type DRAWMGMT (Drawing Management).

Users will see a drop-down list for version names for Drawing Management type documents only. This will allow users to filter the revisions based on version names.

The default state of this filter is “Current Set” which is the existing implementation prior to applying the filter.

When this filter is applied, the screen displays all the different document records that have that Revision Name.



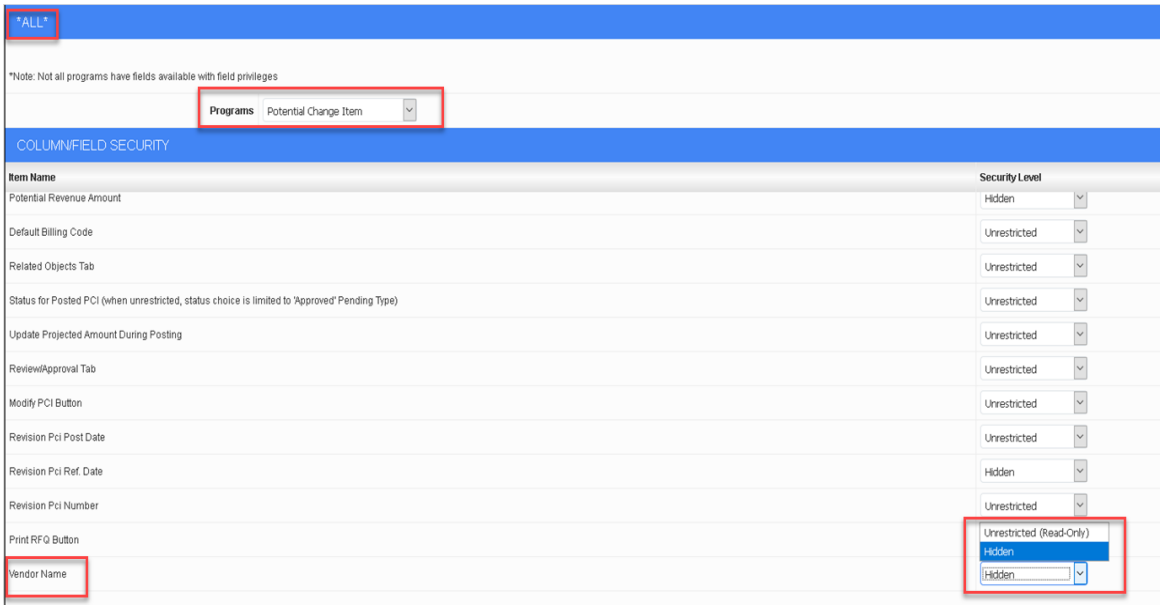
Length Extension for Start Page Url and Project Photo Url (20.24753)

Extended the character length of the 'Start Page URL' and 'Project Photo URL' in the Project to up to 2000 so that photos uploaded to Document Management logs can be used in these fields.

JSP Logs – Removal of [Show All] Button (20.29061)

Changes were made to remove the [**Show All**] button because it was impacting the performance of logs. The records in the log will load 50 records at a time, initiated when users reach the bottom of the 50 record set. Searching, filtering, grouping and all line totals will be calculated on the entire set regardless of it being loaded in the screen.

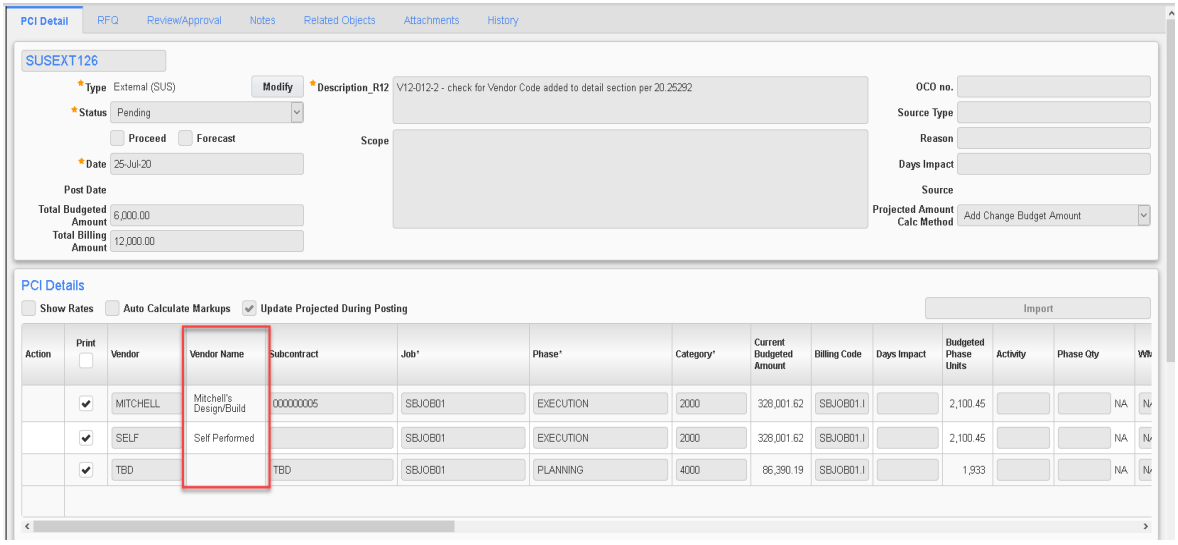
PCI Entry - Vendor Name added in PCI Detail with field security (20.25292/PM-808)



In PCI Entry – Details section, the Vendor Name field has been added, and has a field security default set to HIDDEN on the ***ALL*** security role.

Customers who want to see the Vendor Name in the PCI Details can set the field security to the "Unrestricted (Read-Only) option.

When the "Unrestricted (Read-Only) option is set, the Vendor Name is displayed in the PCI Details:



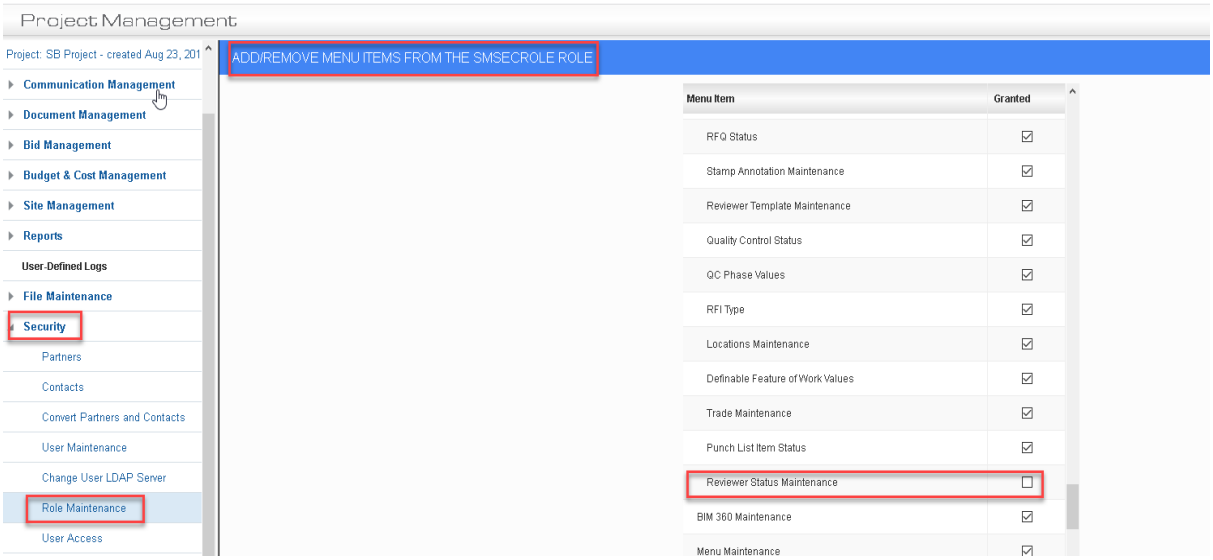
Reviewer Status Maintenance Screen (20.25277/PM-684)

CMiC has added a maintenance screen for the Reviewers Statuses used in the Reviewer section of some PM objects such as RFIs, Punch Lists.

Previously, the Reviewer Statuses were hardcoded values restricted to values: Concur, Disagree, Further Discussion Required.

With this new Reviewer Status Maintenance screen, the user can add and maintain their own statuses.

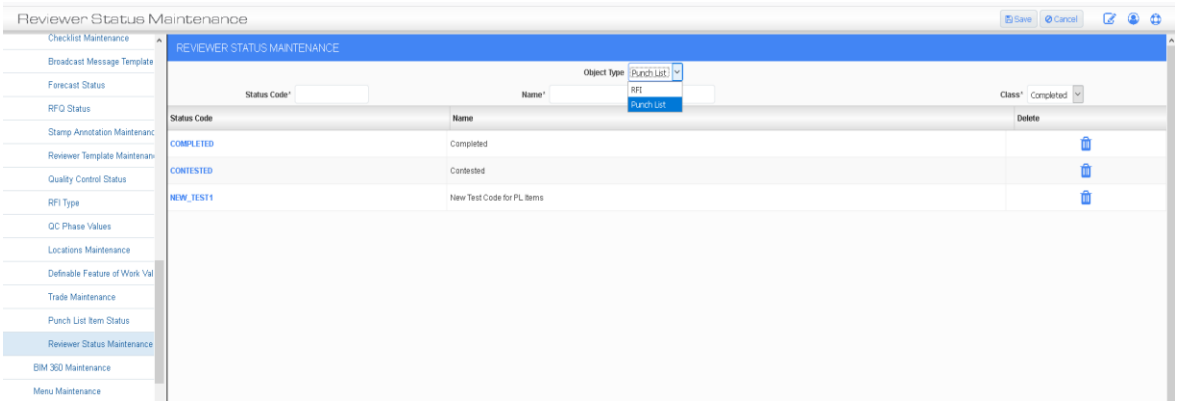
Program security (Security >Role Maintenance > Assign Menu Items) will need to be assigned to the user, as well as any custom tree-view will need to be modified to include the program.



In the Reviewer Status Maintenance screen, users can select **Object Type**: Punch List or RFI, and the status created can be of **Status Class**:

RFI Status Class:	Concur, Disagree, Requires Further Discussion
Punch List Status Class:	Completed, Contested

By default, the maintenance screen already has values that were previously hardcoded, but now they also can add additional values as they desire.

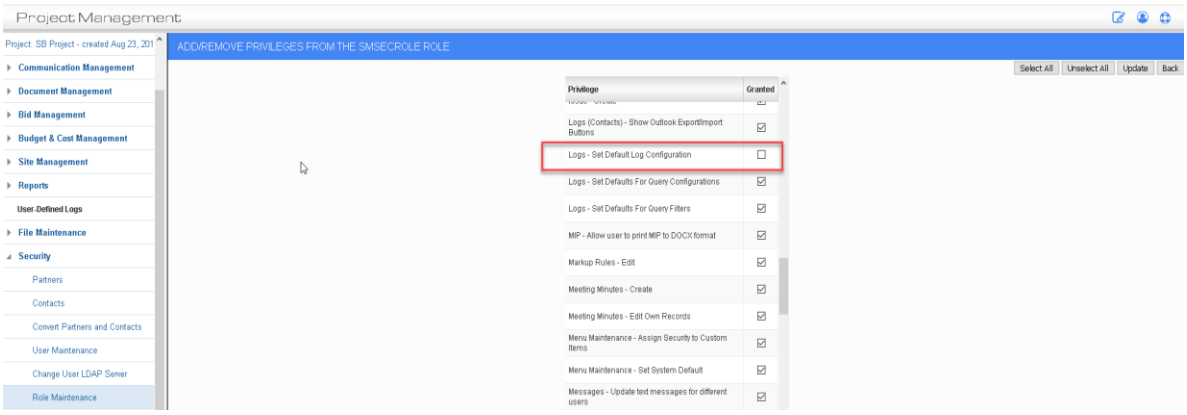


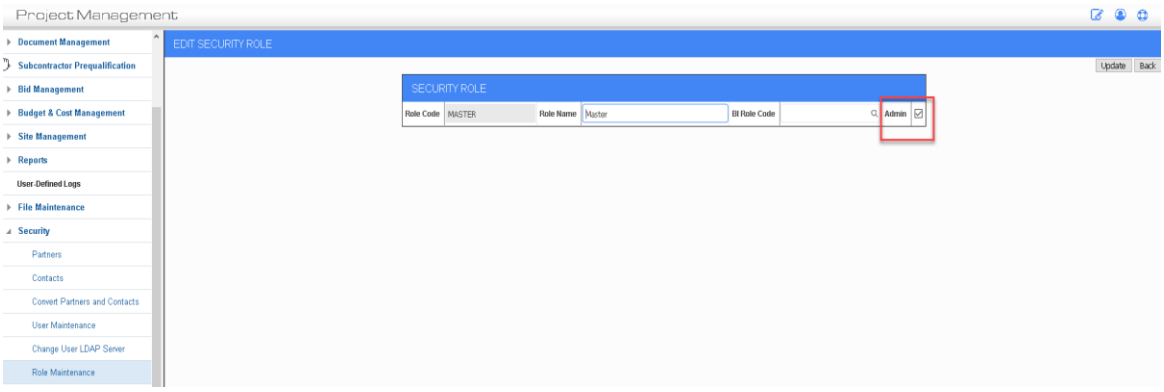
Security Privilege for new [Set as Default] Button in JSP Logs

(20.24822/PM-701,PM-285,PM-387)

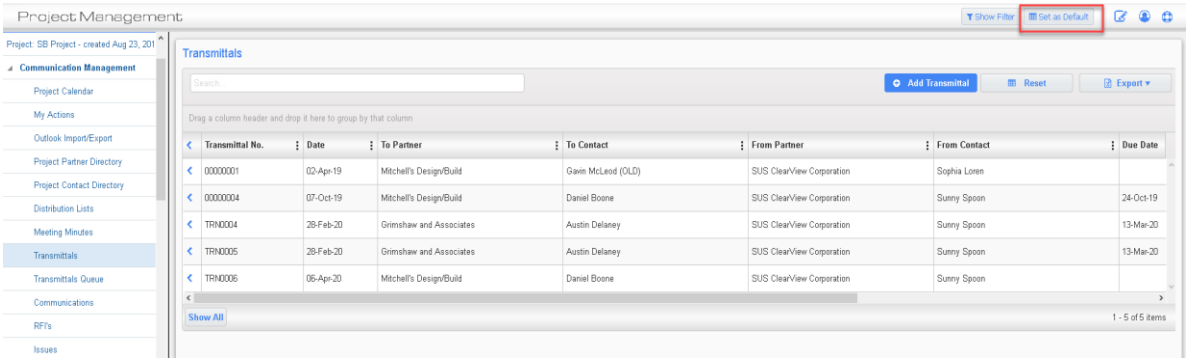
Added a new button [**Set as Default**] and a privilege to go with it to allow **system-wide** setting of Log Defaults. The [**Set As Default**] button in all JSP Logs will be available to users with the **Admin** flag checked on their JSP security role or to the users who have the new privilege set for their role.

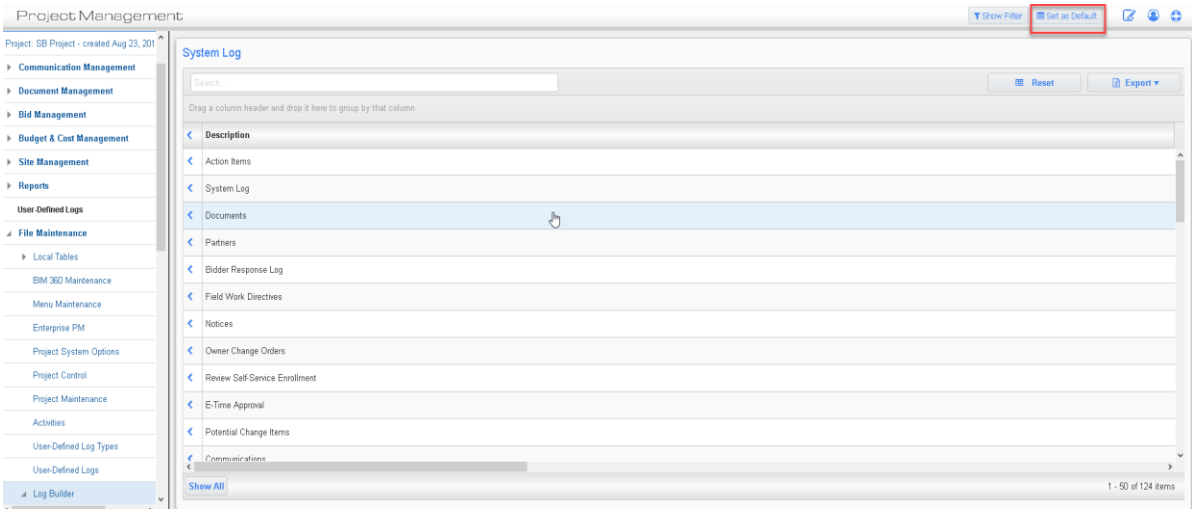
This new privilege can be found under Security->Role Maintenance->Assign Privileges:





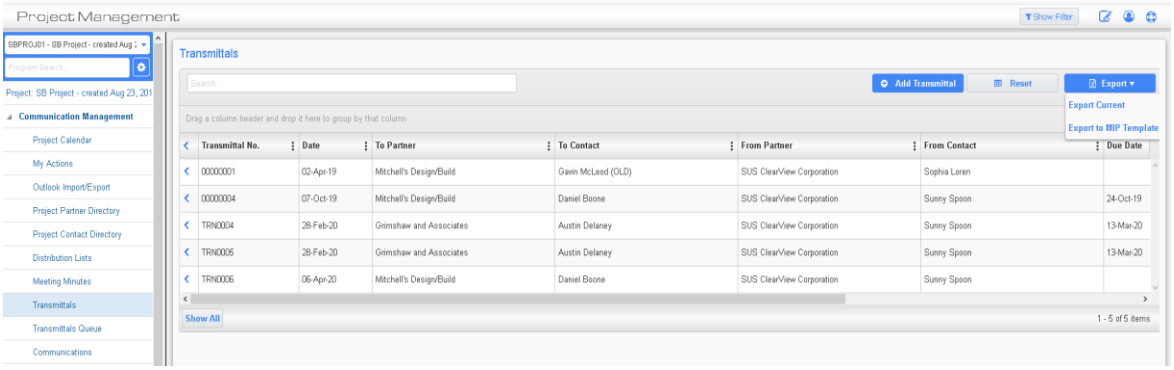
With either privilege the [**Set as Default**] button is available to the user in any JSP Log (even the System Log):





JSP Logs - Export Current and Export to MIP Template Options

(20.22513/PM-613, PM-798)



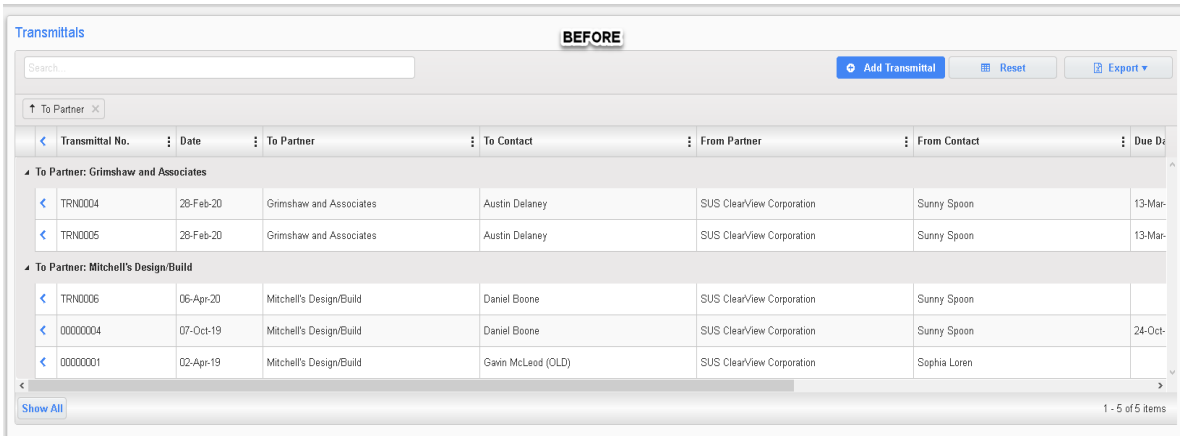
The Export feature in Logs has been enhanced to provide two options:

Export Current - records exported as displayed in the log

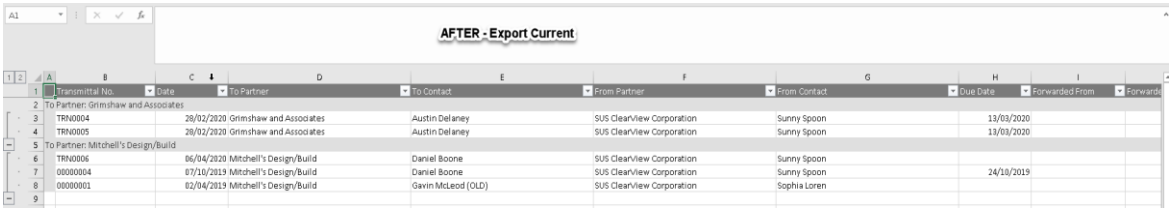
Export to MIP Template - records exported to native spreadsheet program

CMiC has also added the ability to [**Export**] the result set of applying filters and other groupings, hidden columns etc. to the JSP Logs, so that there will be no need to adjust the groupings in the resulting program.

Example: After grouping Transmittals by To Partner, exporting the results using [**Export Current**]:



Result of export:

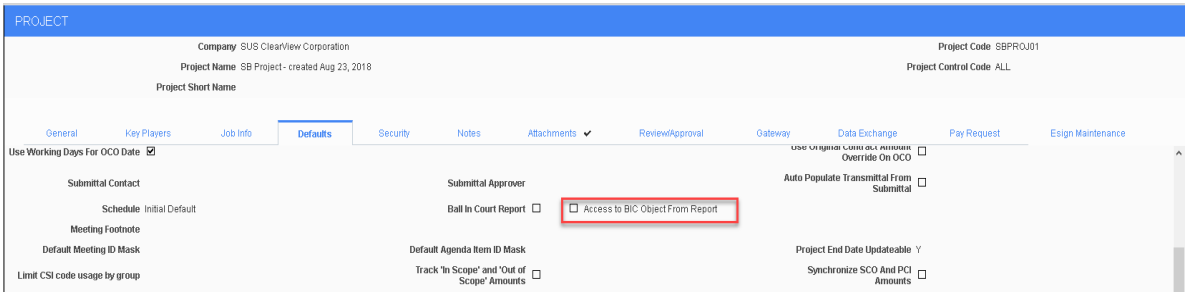


Access Flag for PM Object URL from Ball in Court (BIC) Report (20.21296)

CMiC has added a new flag "Access to BIC Object From Report" in the Defaults tab of Project Maintenance.

The flag is enabled only when the “Ball in Court Report” flag is checked.

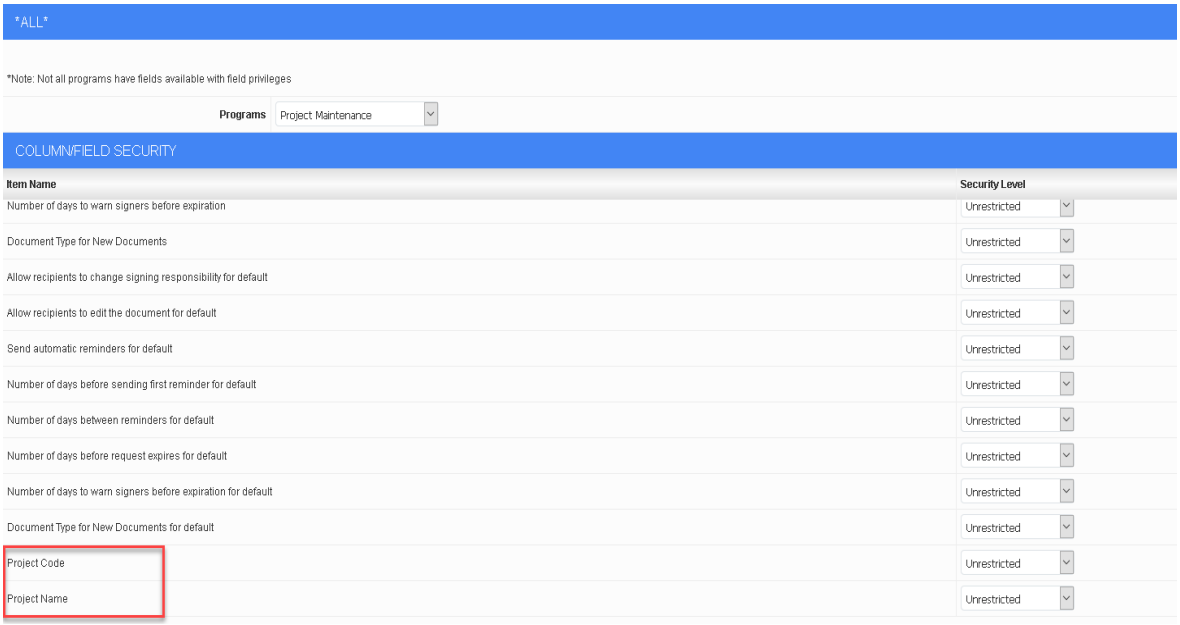
When “Access to BIC Object From Report” is checked, the url link to access the PM object in the report is available for that project. By so doing, users can control which projects the url link will show for, and also prevent unwanted access to PM objects, from the BIC Report.



Project Maintenance – Field Security for Project Code and Project Name (19.79889)

CMiC has added field security for the Project Code and the Project Name in Project Maintenance.

Possible settings: Unrestricted or Read-Only.

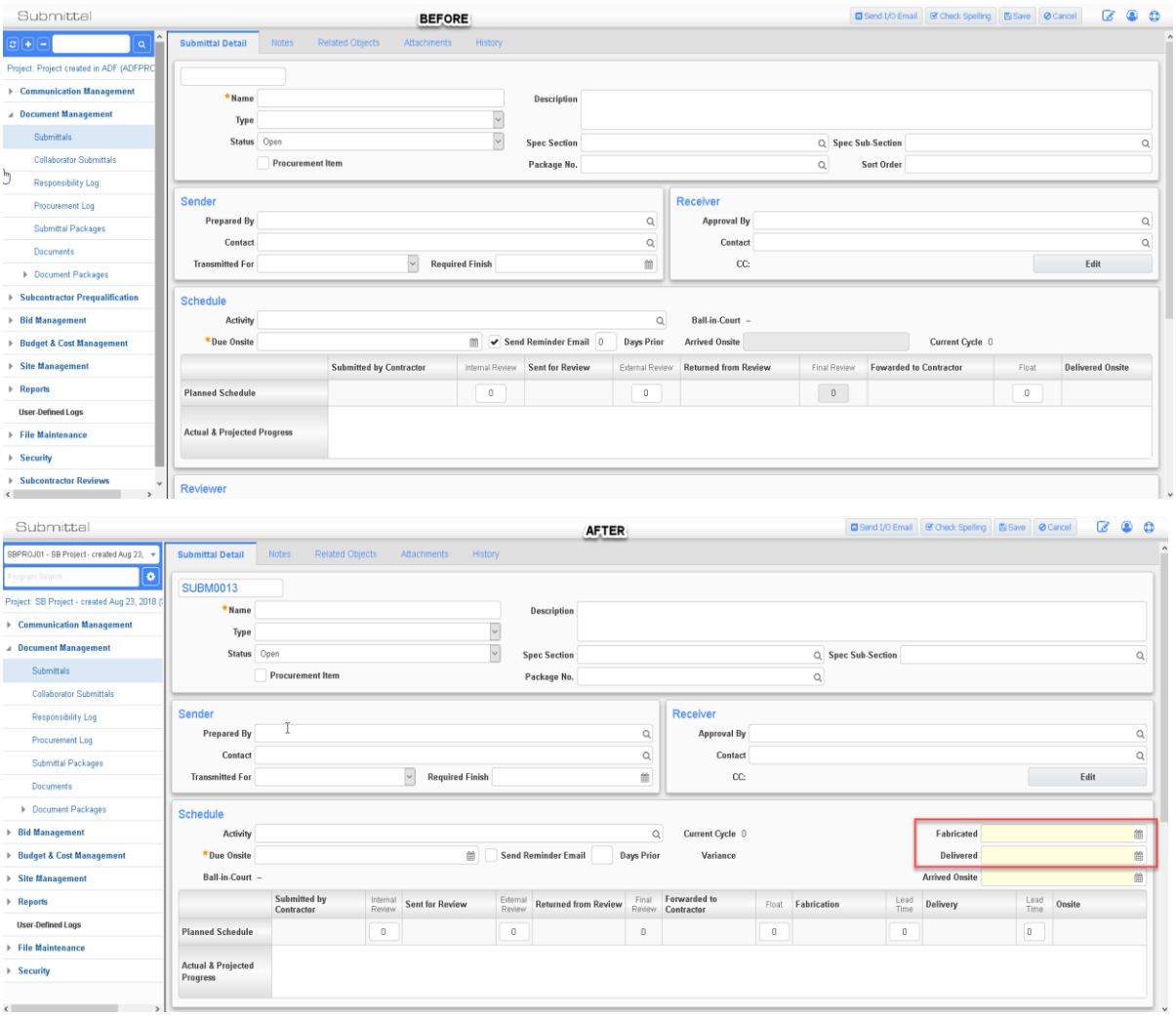


Submittals – Fabrication and Delivery Dates – Control File and Project Defaults (19.92664)

Submittal related changes - Project Control/Project Maintenance - Rolled back changes made under 19.80437-3: Set Preparation Date as hidden; Submittal - Added Fabricated and Delivered dates back.

Project Maintenance (applies to Project Control as well):

The **Fabrication Date and Delivered Date** are now brought back to the Submittal screen:



These fields are only available for users to enter if they would like to override Fabricated, Delivered or Arrived Onsite date after completion of submittal workflow (i.e. after the Forwarded Action). During the submittal process they will remain non-editable.

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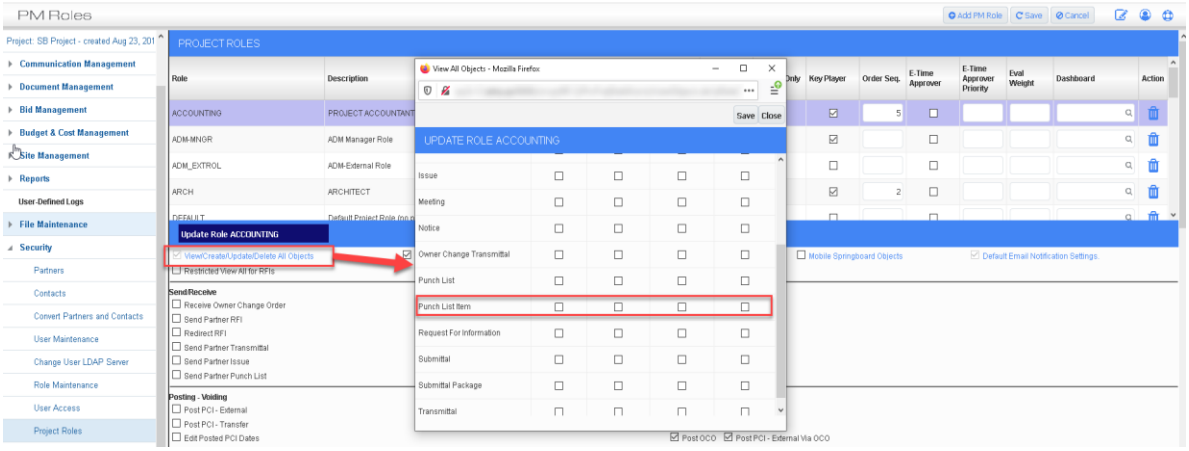
Project Role Privileges for Punch List Item (20.18933, PM-491)



Project Role privileges have been added for the **Punch List Item** object. Now user access to the Punch List Item is governed by the **View/Create/Update/Delete All Object** project role flags:

View All

When checked (Y) - the user can view all Punch List Items regardless of who created them or who they are assigned to.

When unchecked (N) - the user can only view records that they created and records where their business partner records appear in the Responsible Contractor field.

Create All

When checked (Y)- the user will see the CREATE button in the Punch List Items Log.

When unchecked (N) the user will not see the CREATE button.

Update All

When checked (Y), users can select the EDIT button when viewing a Punch List Item.

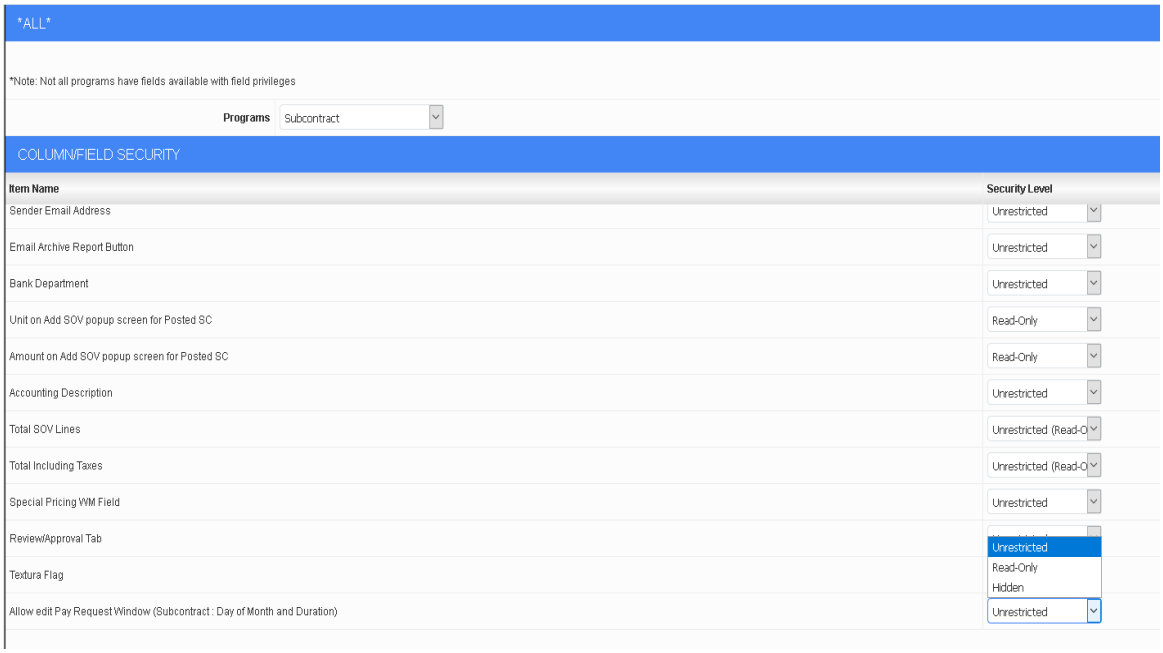
When unchecked (N), the user will not see the EDIT button.

Delete All

When checked (Y), users can select the DELETE button from the Punch List Item Log.

When unchecked (N), the user will not see the DELETE button.

Field Security for Subcontract/GCS Pay Request Fields (19.86283)



Field security has been programmed for the GC Pay Request fields (Day of Month and Duration) that are on the Subcontract Entry screen. The default setting is HIDDEN on the *ALL* security role.

Possible settings are: Unrestricted, Read-Only or Hidden.

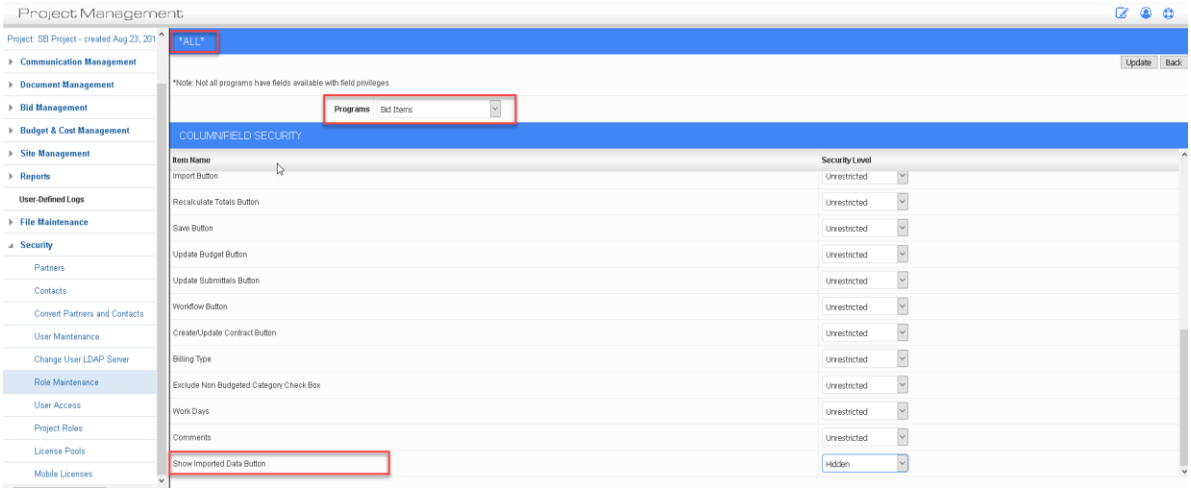
Even with the Unrestricted or Read-Only settings, they will only be displayed if the related licence is installed.

Bid Items - Field Security for [Show Imported Data] Button (20.25425)

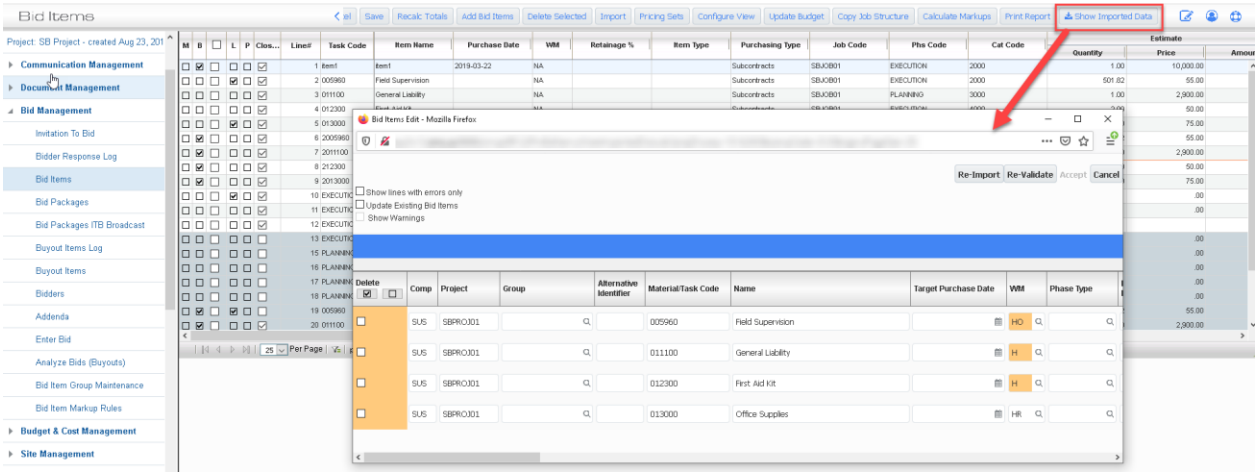
PM JSP/RTI/WKF/ integration

CMiC has created a web service for importing project job estimates. As part of this work, the [**Show Imported Data**] button has been added to the Bid Items screen to allow the user to review and make changes to the bid item import before accepting it into the system.

Field security has also been added to this button. By default, it is set to HIDDEN on the *ALL* security role.



It will show any previously imported data set (imported to the Import Validation screen), that was not **Accepted** into the Bid Items grid. Therefore, if the user imported a data set into the validation screen, and then click [**Cancel**], the same data set will be there when the user goes back and clicks [**Show Imported Data**].



Contract Forecast – 3 New Fields with Field Security (20.20785)

The following fields have been brought to the Contract Forecast screen for display:

Uncommitted Cost

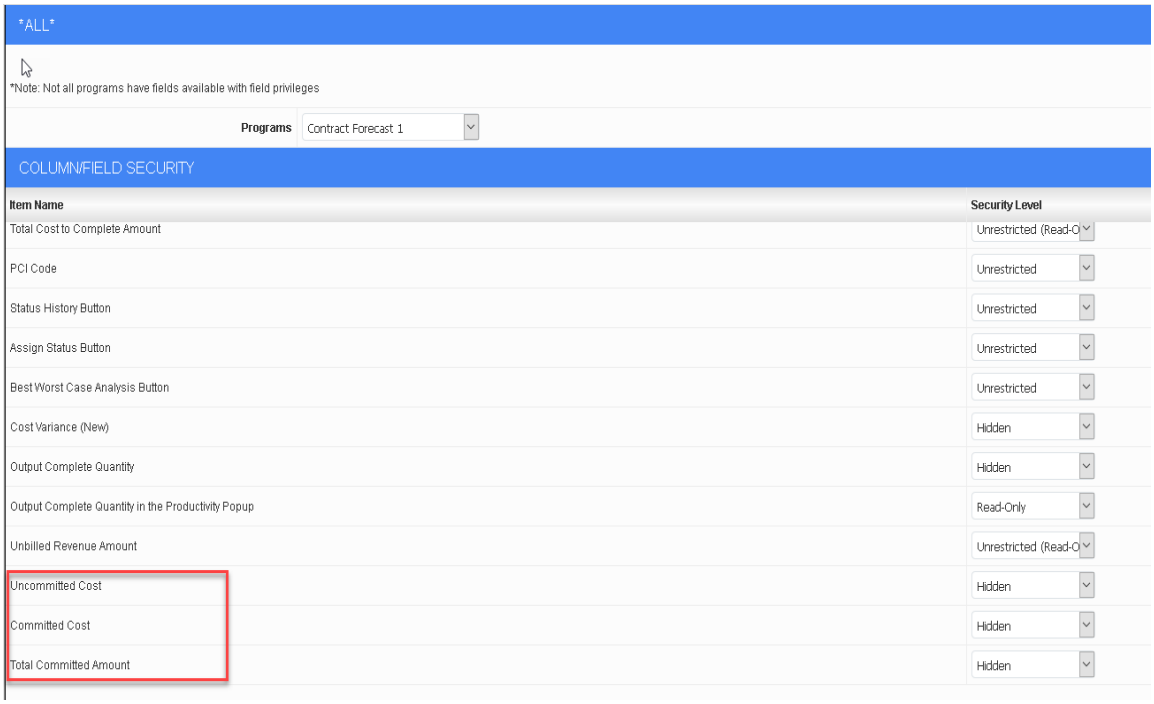
Committed Cost

Total Committed Cost

Field security for these three fields in the Contract Forecast screen can be applied if desired.

The possible settings are: Unrestricted (Read-Only) or Hidden.

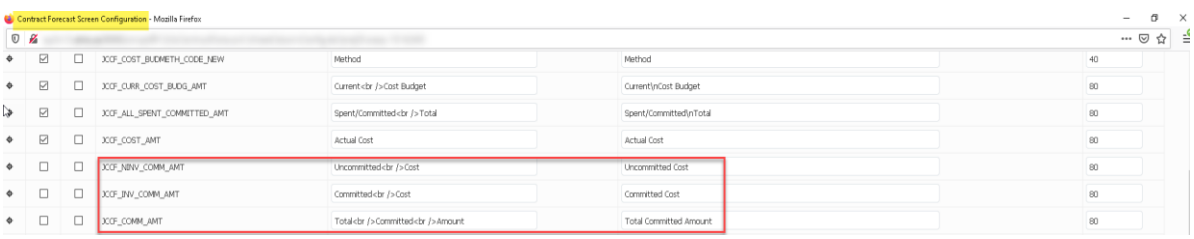
By default, the field security is set as HIDDEN on the ***ALL*** security role for all three fields.

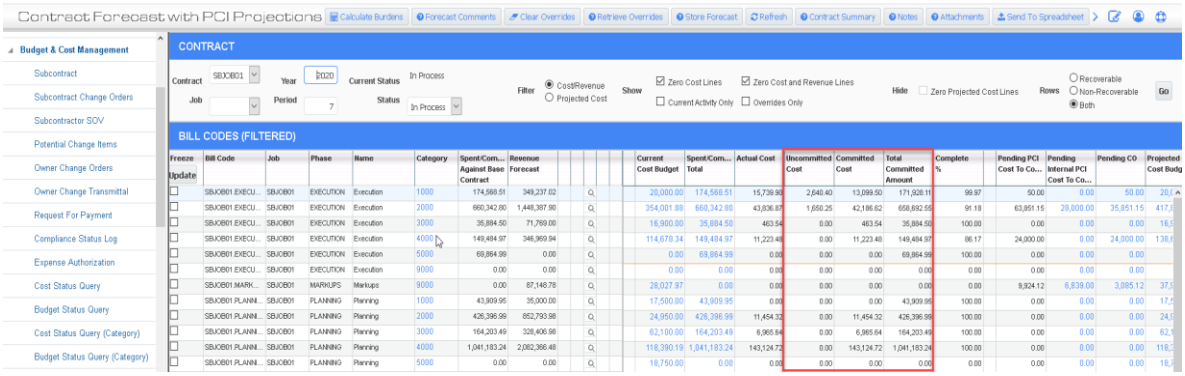


When they are all set to Unrestricted (Read-only), they are available for display in the Contract Forecast screen.

Use the [**Configure View**] button to set them to visible on the sigma grid and move them to the desired position on the grid.

By default they are programmed to be just after the Actual Cost:





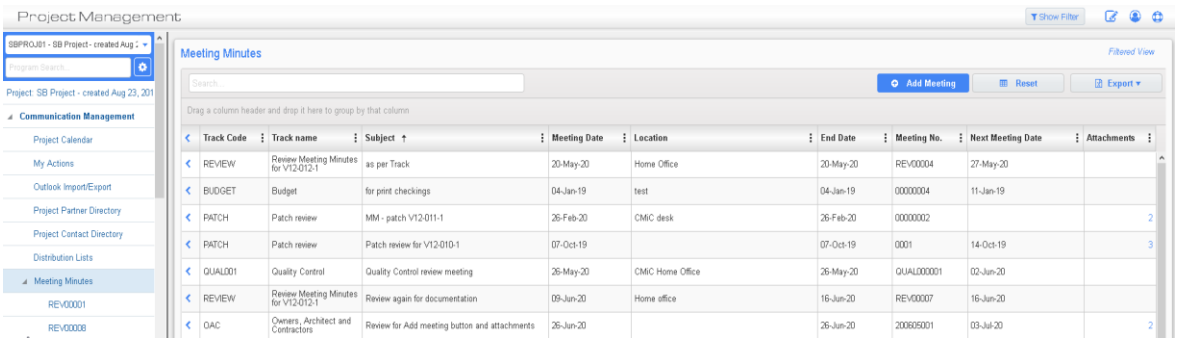
Meeting Minutes Enhancements (19.70980)

. The Meeting Minutes program has undergone extensive enhancements to provide a more desirable user experience.

Below is an outline of the enhancements that have been made.

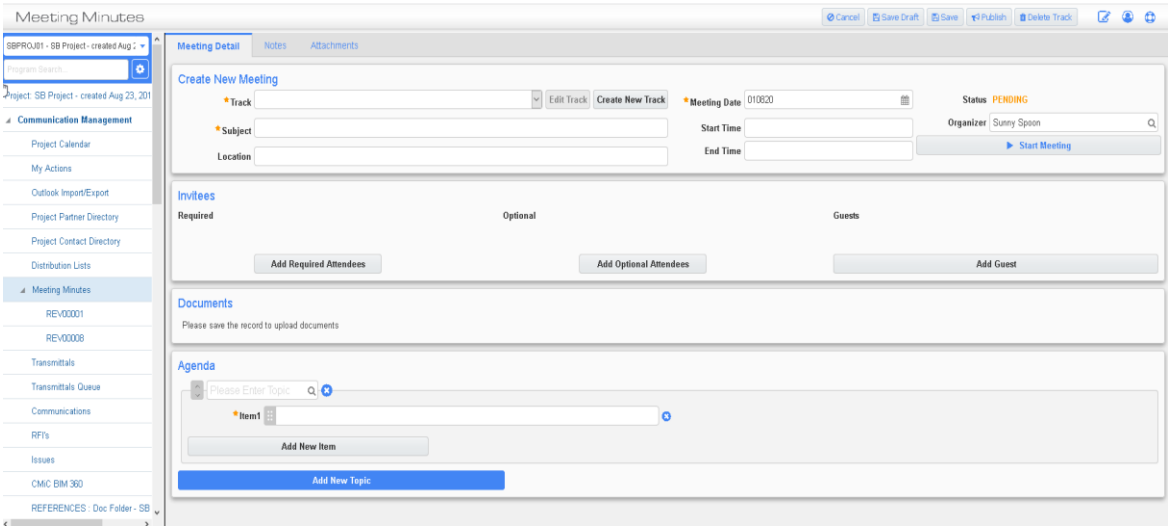
Meeting Minutes Log

The Log displays in the standard UI that has been applied to all the JSP Logs.



Meeting Minutes Entry screen:

The entry screen now displays in the standard “field set” view that is being adopted for PM objects:



NOTE: A number of **buttons are not considered in the new 2.0 UI**, and are being HIDDEN by default, because they are being considered for deprecation. These include:

User Extensions
Printable
Quick Print
Import
Export
Submit (replaced by [Publish])
Check Spelling

1. # Create Meeting

Status = Pending

[**Publish**] button (new) is enabled – enable the showing of the meeting in the Logs of users who have the ability to see meetings that have the SUBMITTED status

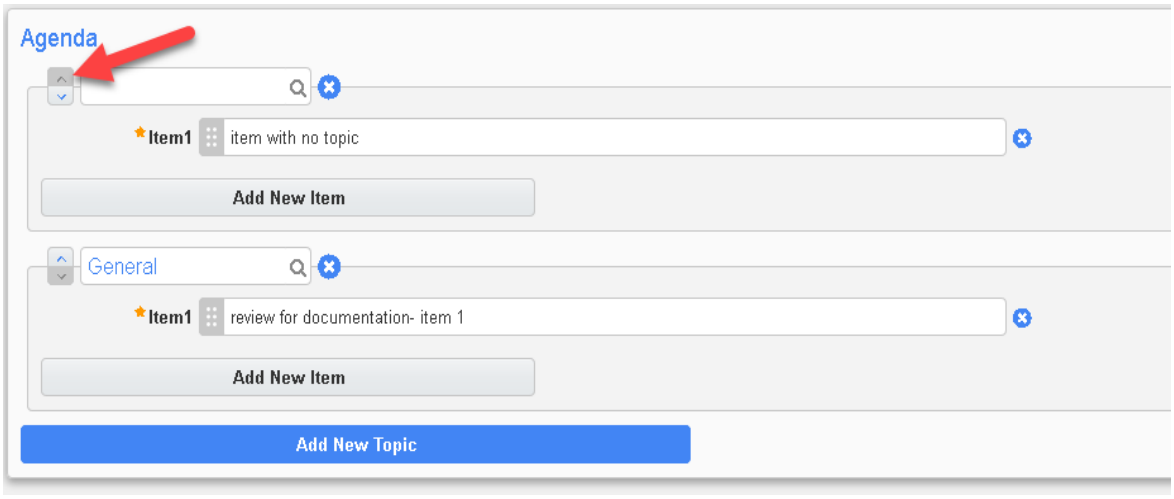
INVITEES SECTION

This section displays contacts who are categorized as follows:

Required
Optional
Guests – are all highlighted (i.e. denoted as a name card)

ATTENDANCE SECTION

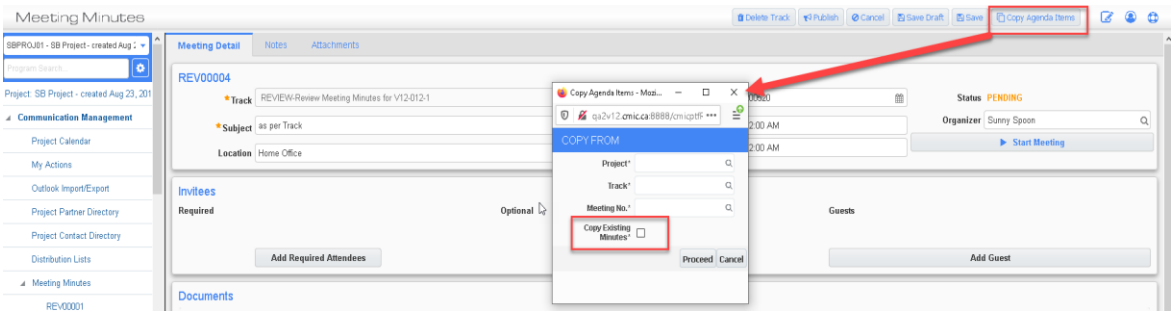
- Topics can be created 'on the fly' or selected from the LOV
- Every Topic must have at least one item
- Topics can be reordered by using the up-down arrows shown:



Copy Agenda Items (Edit mode)

The [**Copy Agenda Items]** button is secured based on the security privilege to *view* these Meetings and their associated notes. It is not needed in View Mode as it is used when setting up or conducting a meeting, which are both Edit states.

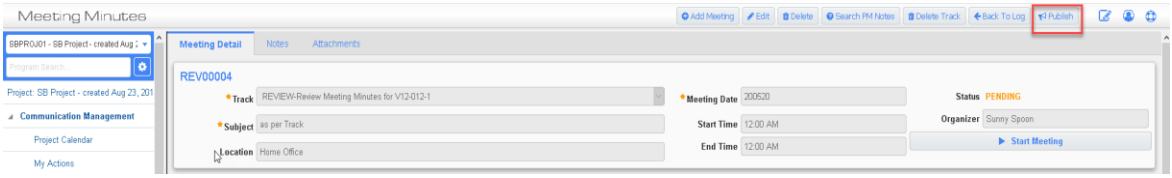
By default, "Copy Existing Minutes" is unchecked for both R12 and classic mode.

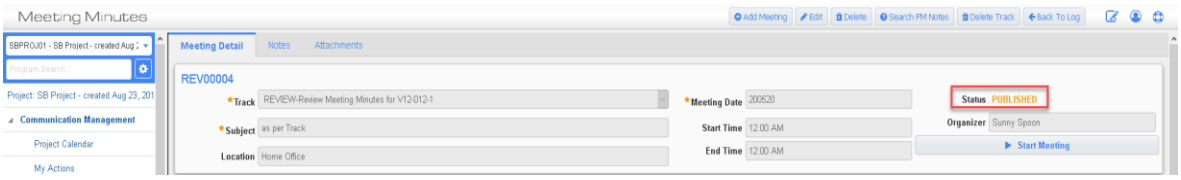


2. Publish Meeting

The [**Publish**] button is used to Publish a meeting.

When a Meeting is published, Status = Published (changes from Pending) - to enable the showing of the meeting in the Logs of users who on have the ability to see meetings that have the SUBMITTED status.





NOTE: Once a meeting is published or active, email notifications will be sent out to the Attendees if their Email Notification settings for Meeting Minutes on the Project Contact record is checked for “CC” or “ALL”. “TO” does not apply since the Meeting is not directed to any particular “To” contact, but Attendees (both Required and Optional) can be regarded as “cc”s. If the contact is not an Attendee on the Meeting no email notification will be sent to the contact in relation to that meeting. This is pre-existing functionality.

3. Active Meeting

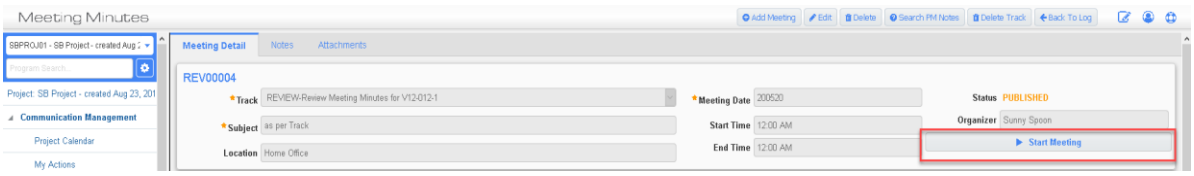
In active meeting minutes mode users are able to capture meeting minutes, create and assign tasks with an associated due date, add additional topics and items and view past minutes.

Users can set statuses on particular agenda items.

On all new agenda items entered, the status defaults to 'New'. As this item moves to the next meeting, the status will change to 'Open'.

The user can then edit the status to be On Hold, Closed or Deferred. Closed items are not carried forward to the next meeting agenda.

The [**Start Meeting**] button is used to Start a meeting (applicable to Pending or Published meetings).



When a meeting is Started, Status = Active

NOTE: The Update All flag in the View/Create/Update/Delete window in Project Roles for the Meeting Minutes object controls the ability of a user to START a meeting.

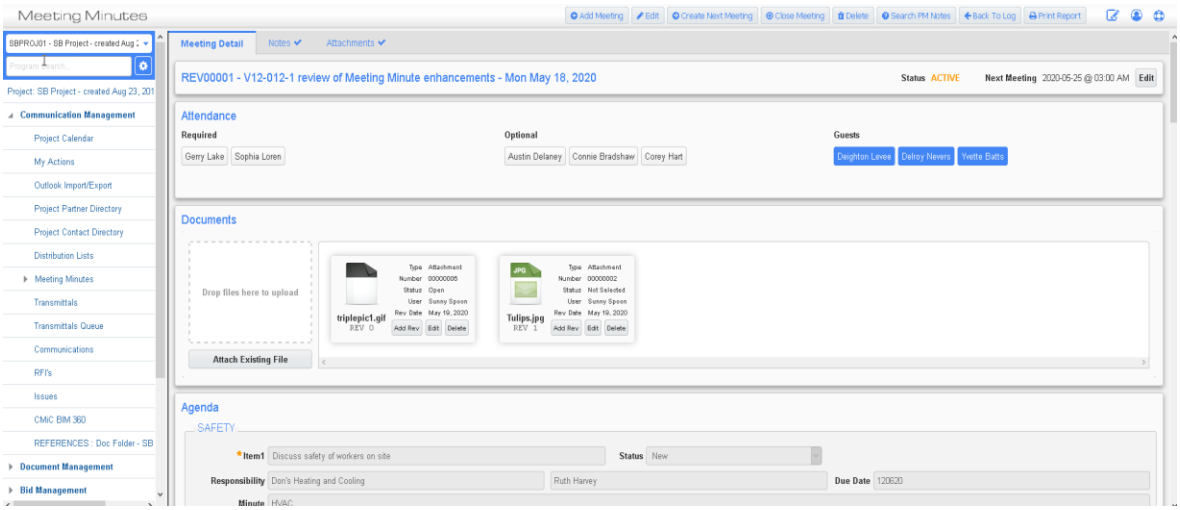
If the user's role has this flag **checked**, the [**Start Meeting**] button **is** available in the screen

If the user's role has this flag **unchecked**, the [**Start Meeting**] button **is not** available in the screen.

These are indicators of a meeting that has started:

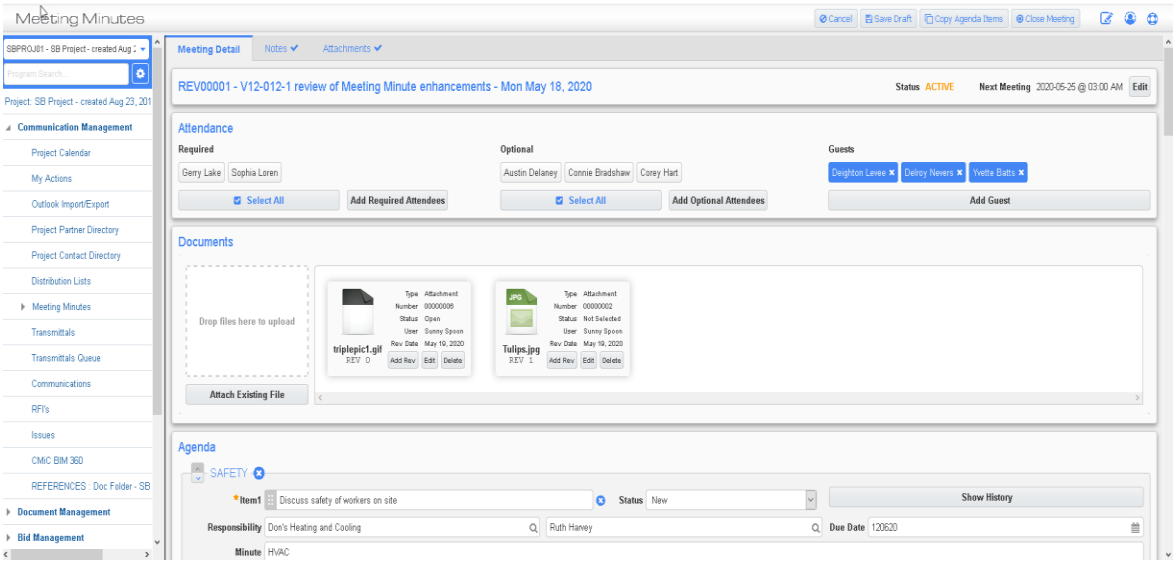
- Meeting Header is locked.

  (Active Meeting – View mode)



- Meeting is in Edit mode with [**Save Draft**] button – no [**Save**] button.

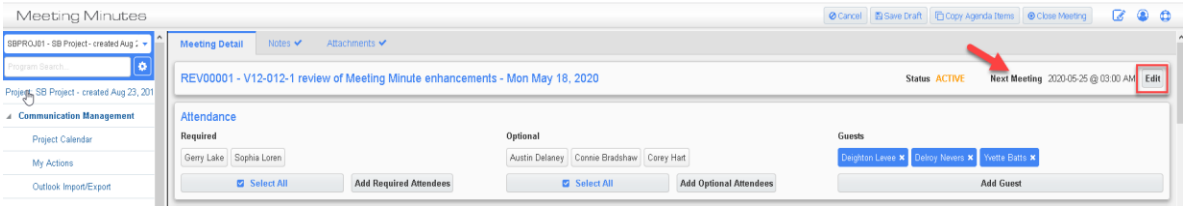
  (Active Meeting – Edit mode):

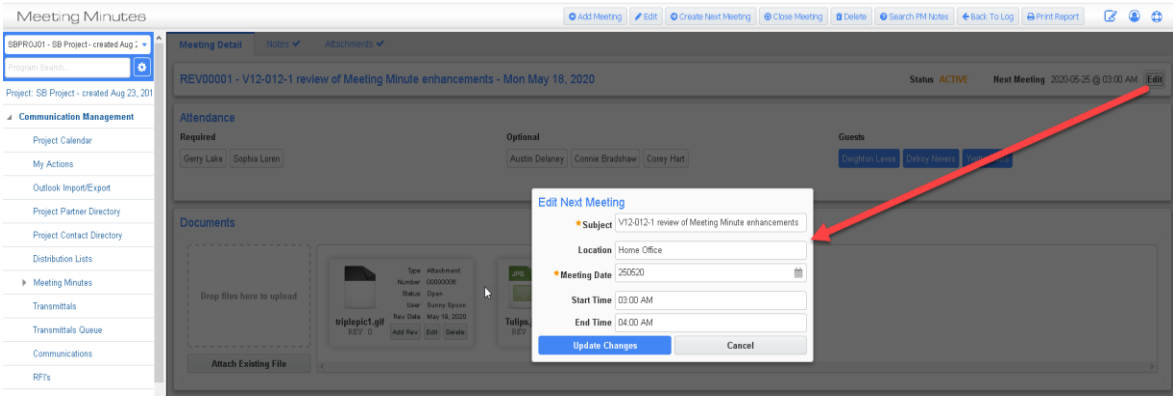


- **Next Meeting** data is available for editing.

  Next Meeting Info is displayed in the top righthand corner in Active Meeting mode. If the user wants to edit the details for the next meeting they can select the [**Edit**] button.

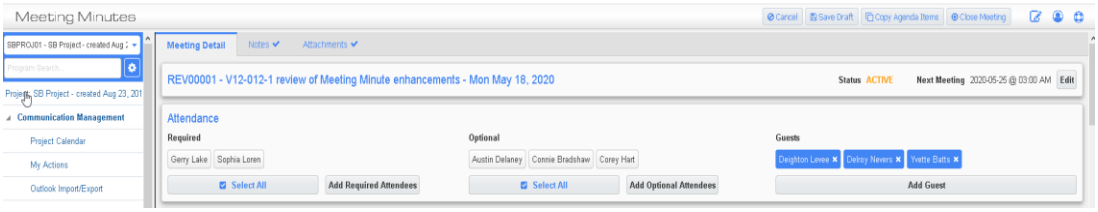
  A popup window is displayed where the details can be edited and updated (with [**Update Changes**]).





- [**Create Next Meeting**] is available.
- INVITEES section becomes ATTENDANCE section.
- Attendance section has [**Select All**] buttons for Required and Optional.

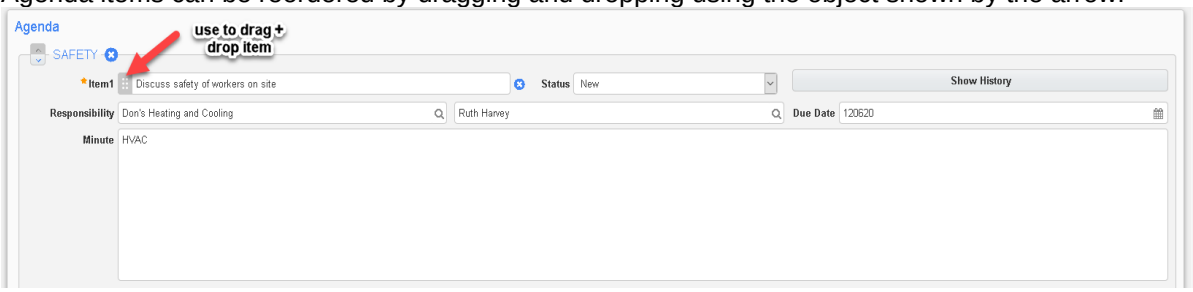
In active meeting minutes mode there is the ability to take attendance by clicking the attendee's name card.
If selected as **present** the corresponding card for that person turns blue, otherwise it remains grey.
There is also the ability to add additional attendees to a meeting during active meeting mode and the default is present.



AGENDA ITEMS

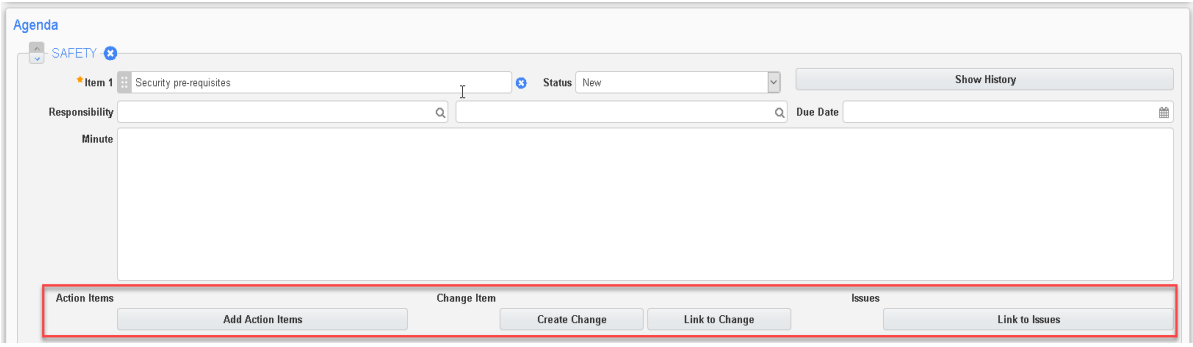
- Additional details available for Agenda Items are, for example:
  Responsibility, Due Date, Minutes
  Buttons: Show History, Add Action Items, Create Change, Link to Change, Link to Issues

Agenda items can be reordered by dragging and dropping using the object shown by the arrow:



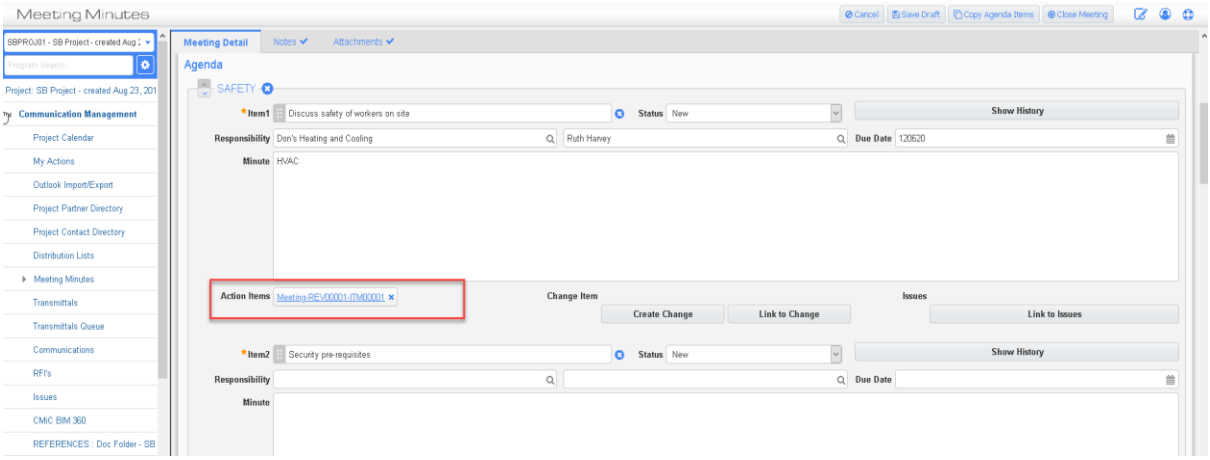
Agenda items can also be moved from one topic to another.

Action Items, Change Items, Linked Issues



An **Action Item** can be created using the [**Add Action Items**] button or it will be automatically created for the Responsible Contact on an agenda item, based on PM Control setup and the Responsible Contact is entered and saved.

A link to the Action Item will be displayed where the button was. This action item will be shown in the My Page screen for the contact.



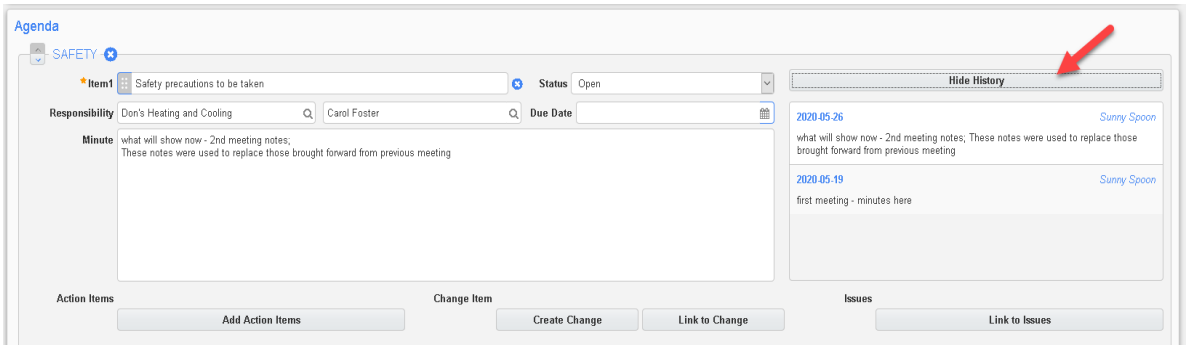
Change Items can also be created or linked to an agenda item, so too, **Issues** can be linked to an agenda item.

Agenda Item - Show/Hide History

The Show History displays only Meeting Minutes from meetings prior to the one being reviewed and does not include the present meeting since the user will already be seeing the current meeting minutes in its own designated text area.

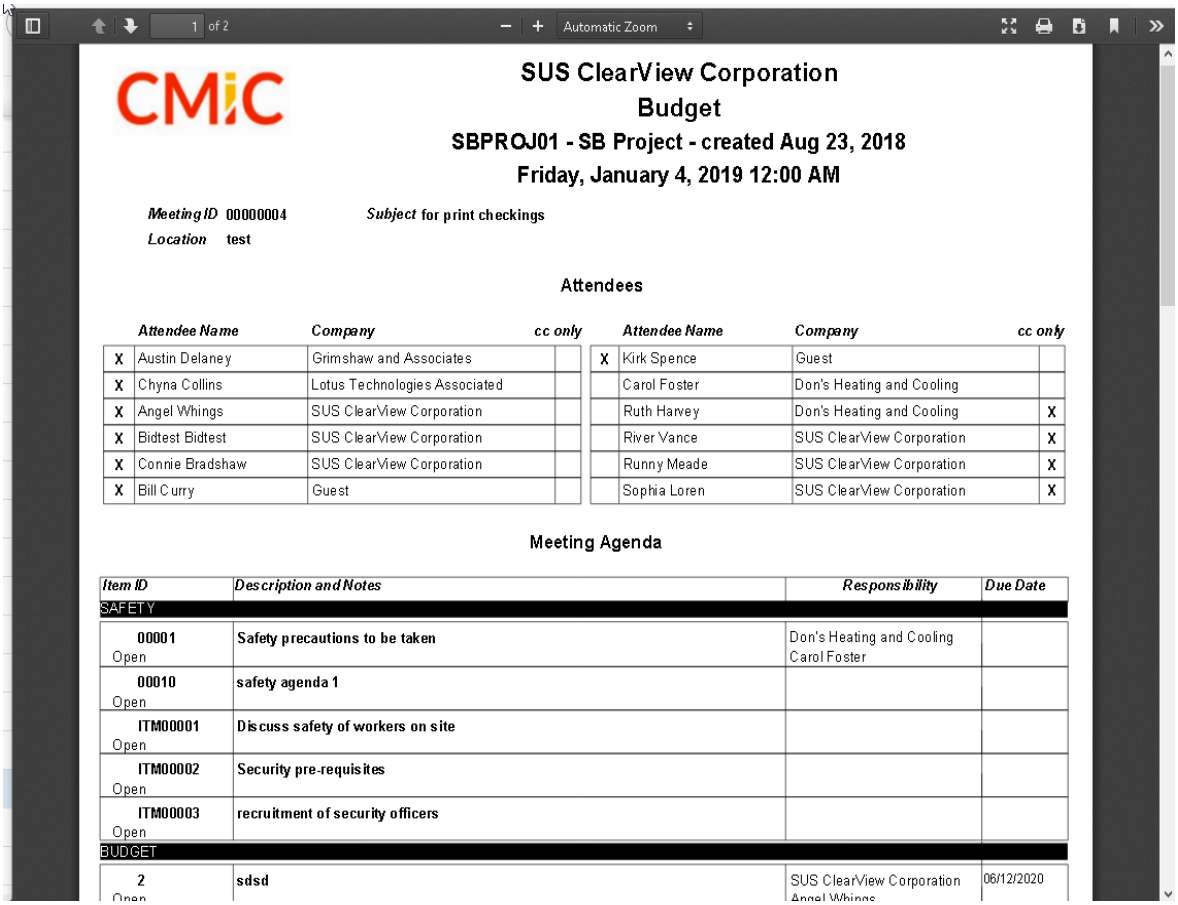
It displays the minutes that have been made for an agenda item during the lifecycle of the meeting.

This button is only available in an Active meeting in Edit mode.



Meeting Minutes Distribution

When the meeting is finished, it can be printed and sent by email to all the attendees (Oracle report sample):



SUS ClearView Corporation
Budget
SBPROJ01 - SB Project - created Aug 23, 2018
Friday, January 4, 2019 12:00 AM

Meeting ID 00000004 *Subject* for print checkings
Location test

Attendees

	Attendee Name	*Company*	*cc only*		*Attendee Name*	*Company*	*cc only*
X	Austin Delaney	Grimshaw and Associates		X	Kirk Spence	Guest	
X	Chyna Collins	Lotus Technologies Associated			Carol Foster	Don's Heating and Cooling	
X	Angel Whings	SUS ClearView Corporation			Ruth Harvey	Don's Heating and Cooling	X
X	Bidtest Bidtest	SUS ClearView Corporation			River Vance	SUS ClearView Corporation	X
X	Connie Bradshaw	SUS ClearView Corporation			Runny Meade	SUS ClearView Corporation	X
X	Bill Curry	Guest			Sophia Loren	SUS ClearView Corporation	X

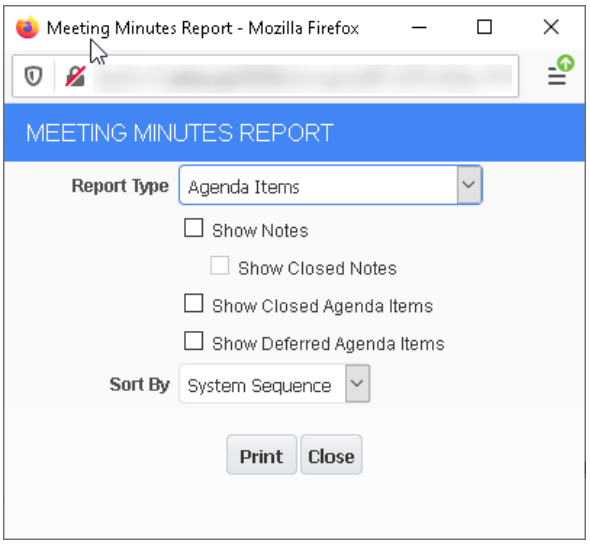
Meeting Agenda

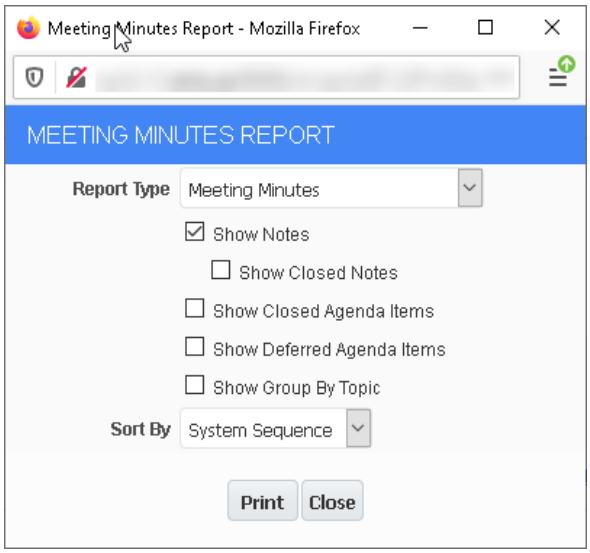
Item ID	*Description and Notes*	*Responsibility*	*Due Date*
SAFETY			
00001 Open	Safety precautions to be taken	Don's Heating and Cooling Carol Foster	
00010 Open	safety agenda 1		
ITM00001 Open	Discuss safety of workers on site		
ITM00002 Open	Security pre-requisites		
ITM00003 Open	recruitment of security officers		
BUDGET			
2 Open	sdsd	SUS ClearView Corporation Angel Whings	06/12/2020

The following changes have been made in the Meeting Minutes Reports print popup window:

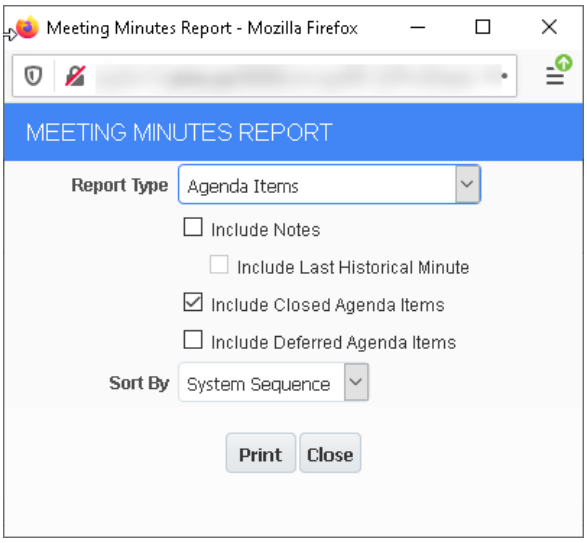
- Changed the word ‘Show’ to ‘Include’.
- Changed “Show Closed Notes” to “Include Last Historical Minute”.
- “Include Closed Agenda Items” is checked by default.
- Removal of “Group By Topic” when the Meeting Minutes report type is selected:

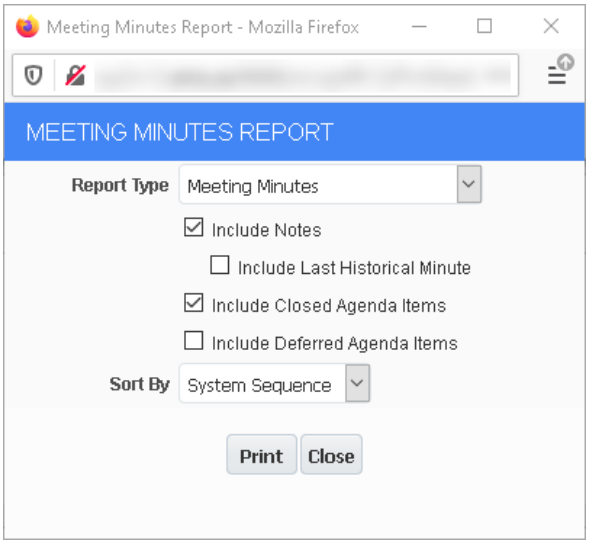
BEFORE





AFTER

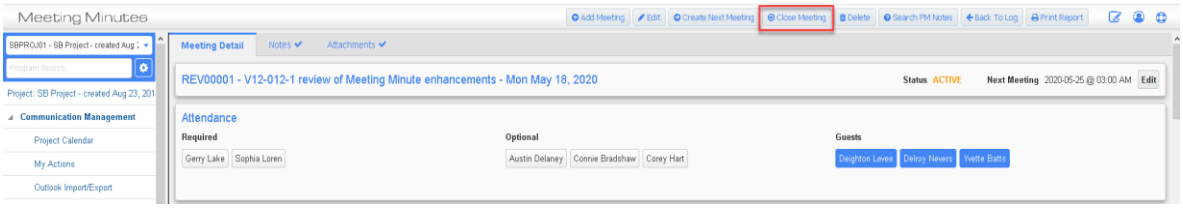




4. Closed Meeting

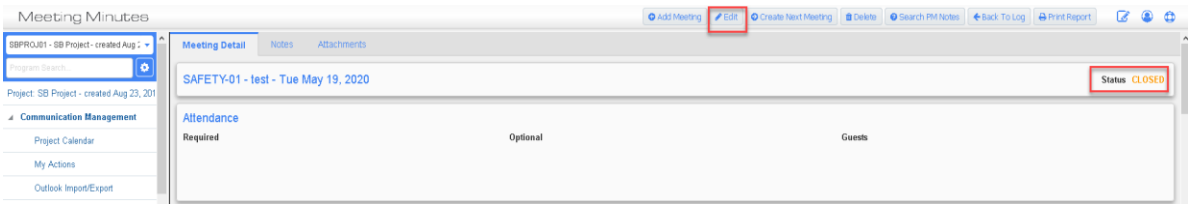
When a Meeting is Closed, Status = Closed

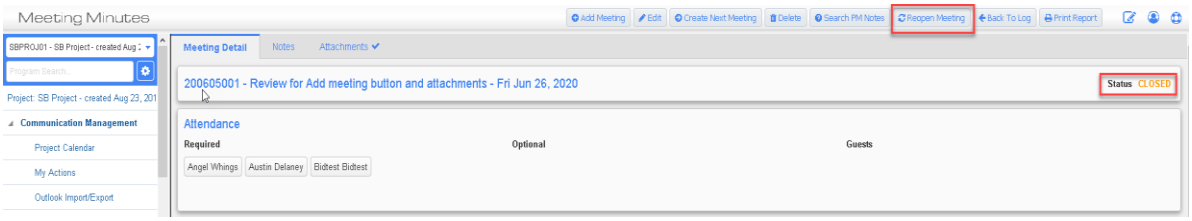
- [**Create Next Meeting**] is available on the latest meeting in the track
- [**Print Report**] is available
- [**Reopen**] button – only available on the **most recent meeting in a track:**



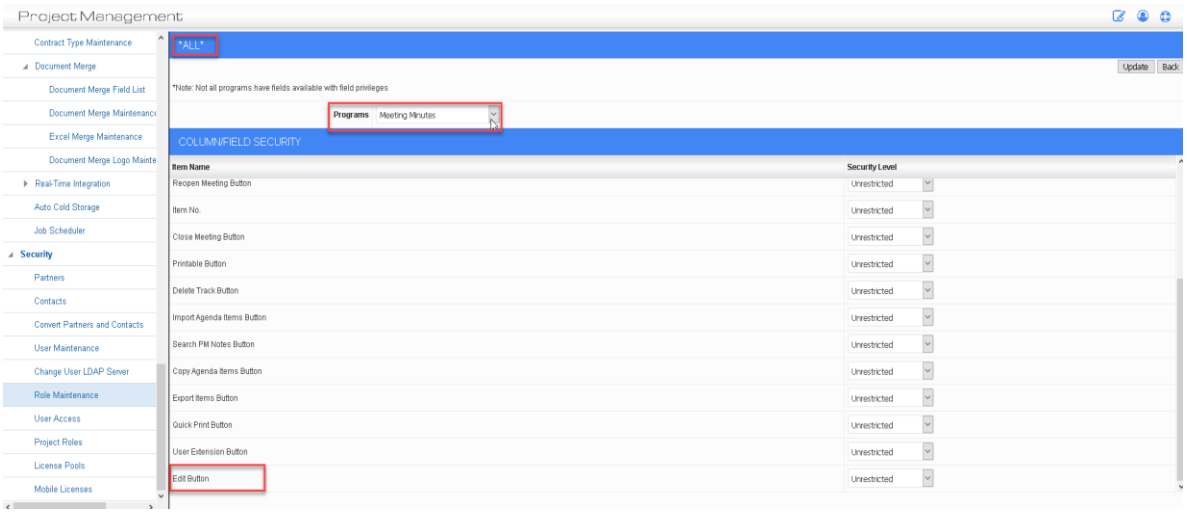
NOTE: There is the ability to edit old meetings to allow users to make adjustments and corrections (i.e. correct attendees, edit minutes ...etc.) to the meeting record for accuracy.

The [Edit] button on Closed Meetings comes with field security. Clicking the [**Edit**] button will launch an Edit mode of the Closed Meeting which will look exactly like the Active Meeting Mode, except that the status will remain closed.





Field security for the EDIT button:



Logs – [Show All] button removed (20.29061)

Changes were applied to remove the [Show All] button because it was impacting the performance of logs. The records in the log will load 50 records at a time. The next 50 record load will be initiated when users reach the bottom of the previous 50 record set.

Email Notifications for Reviewers When Action Items are Created (20.27074/PM-746)

For RFIs, an email notification will now be sent to Reviewers whenever an Action Item is created for them, to inform them that the relevant record requires their attention. The email will have a link to the record so that it can be easily accessed then.

Mandatory/Non-mandatory Reviewers

a) the Project Contact "TO" Email Notification settings should exist with the **Modified** flag checked for the RFI object

b) the Status does not have to be completed to trigger the alert

c) Action Date should be null for new reviewer. When any reviewer completes the review by populating the Action Date then the next mandatory reviewer in the sequence will get the notification.

d) for mandatory reviewers the previous mandatory reviewers must have finished their reviews

e) All non-mandatory reviewers will get the notification when they are added and their Action Date is null.

f) All distribution list contacts become responsible as per their turn and all those contacts will see the Complete Review banner on the submittal when they log into the system.

It is the **"Responsibility…has been changed"** alert that will be sent to the Reviewer (s) added:

Project ADFPROJ1 - Responsibility of RFI SBRFI0025 has been changed.

TA Test12c Alerts Email <test2v12@cmic.ca>
To Stephanie Bromfield; Stephanie Bromfield
Cc da@cmic.ca

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.

External Email Proceed with Caution

Request for Information

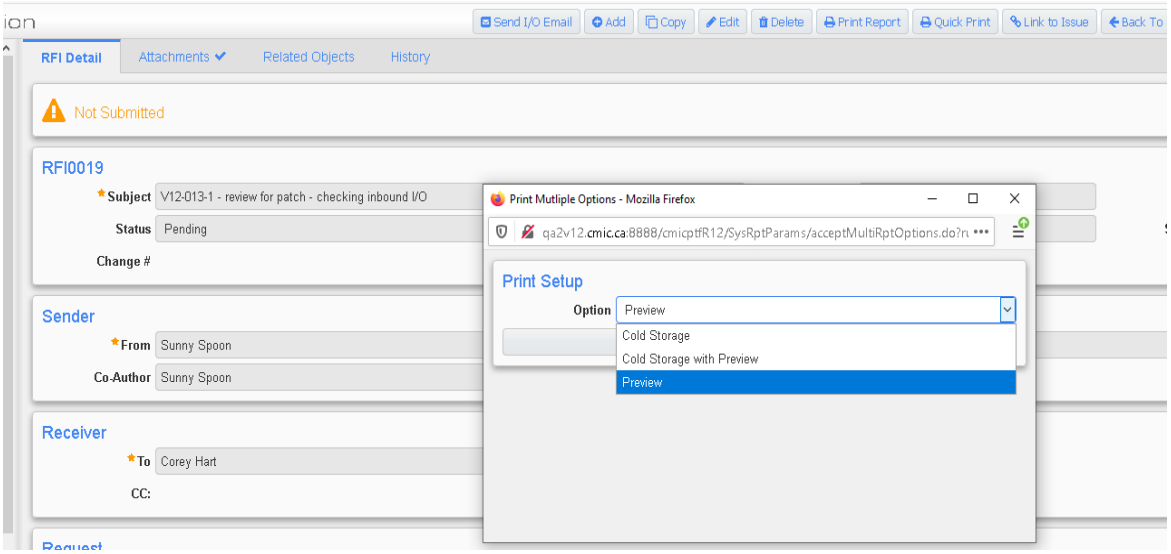
Date Sent: Monday August 10 2020 at 02:26 PM
Project: ADF Project 1
RFI ID: SBRFI0025 - Check for Alerts for COllaborator when Action Item is created
To: Dave Creelman [stephanie@cmic.ca], Roderick Wallace [stephanie@cmic.ca]
CC: Andrejs Zuravels [da@cmic.ca]

From: Sharon Neil
To: Roderick Wallace
Date Created: Aug 10, 2020
Status: Open

Click here to log into CMiC Collaboration

Cold Storage Options added to Print Multiple Reports (19.82610)

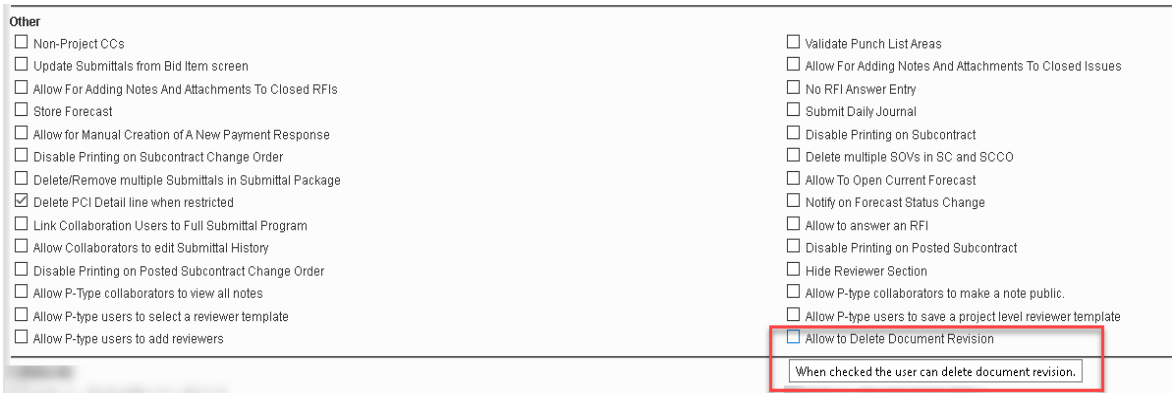
Print Multiple Reports - Cold Storage options have been added to the Print Multiple Reports functionality:



The two options: Cold Storage and Cold Storage with Review can be used to print the reports to Cold Storage.

The Preview option is the previous option that was always there in the initial implementation of Print Multiple Reports, and allows the user to either view the merged report or select a location for saving it.

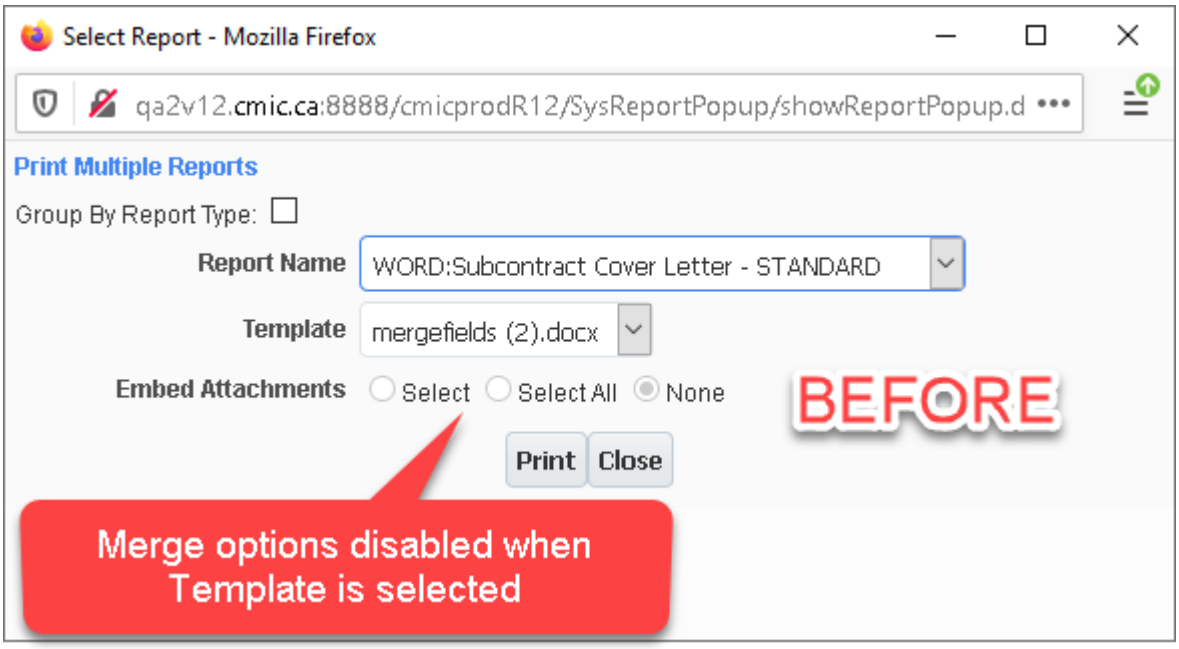
Project Role Privilege to Delete Revision (20.29898)



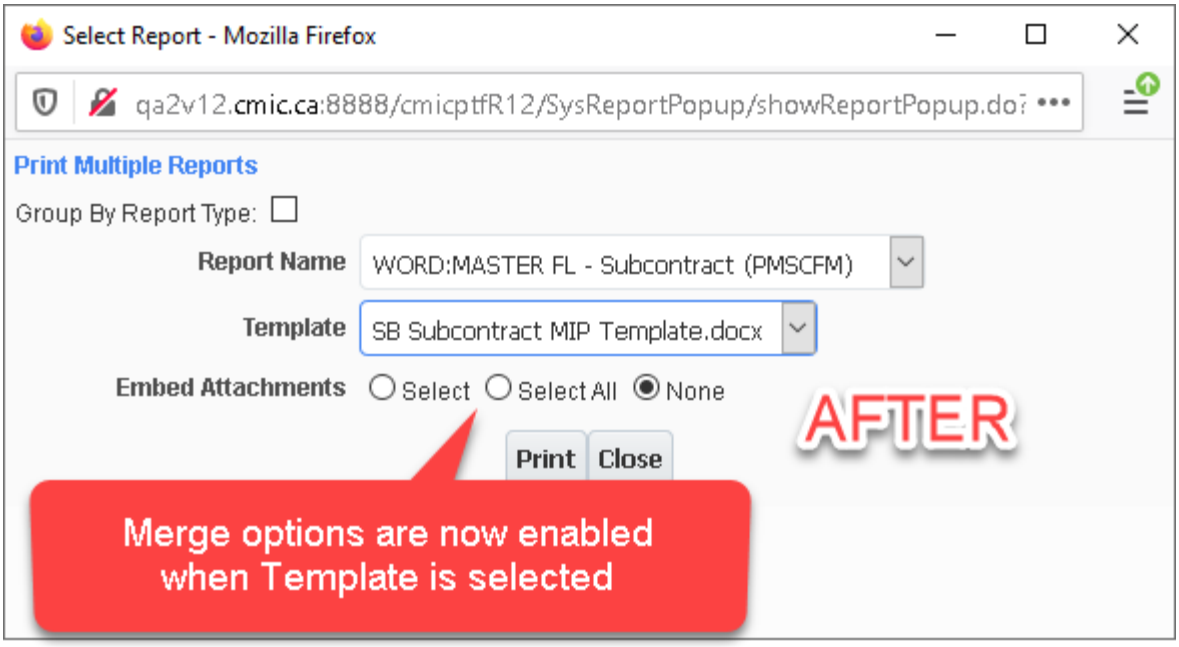
CMiC has added a Project Role privilege to allow users to delete a document revision: “Allow to Delete Document Revision”.

Single MIP Report Printing with Merging of Attachments (18.65363)

Modifications have been made so that the Single MIP printing process now allows for merging of attachments with the MIP report (with Template). Previously the merge options were not available when a MIP template was selected:



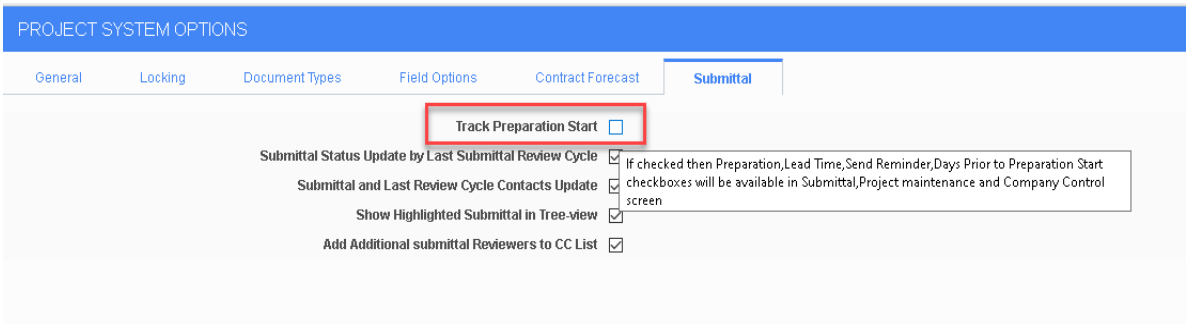
Now, they are:



PM System Options – Submittal Separated into Its Own Tab

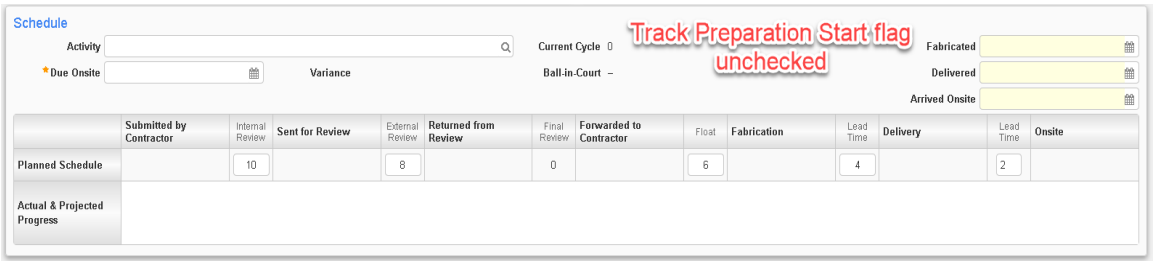
(20.21665/PM-897)

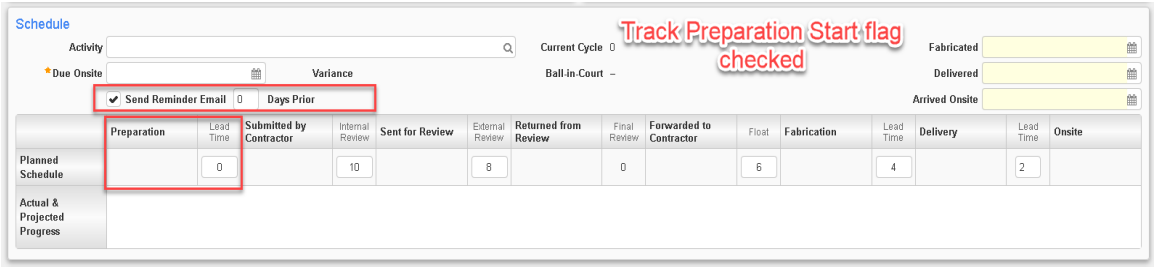
In the PM System Options screen a separate tab has been created to hold all Project Management system level settings related to Submittals.



Also, changes have been made to hide the Send Reminder flag and Days Prior (to Start) field based on if the Preparation Start Date flag (Track Prepapration Start) is unchecked in PM System Options. Additionally, If this flag is unchecked then no default values are set on these fields.

If the Track Prepartion Start flag is checked, the submittal Preparation, Lead Time, Send Reminder, Days Prior to Preparation Start checkboxes/fields will be available in the Submittal, Project Maintenance and Company Control screens.





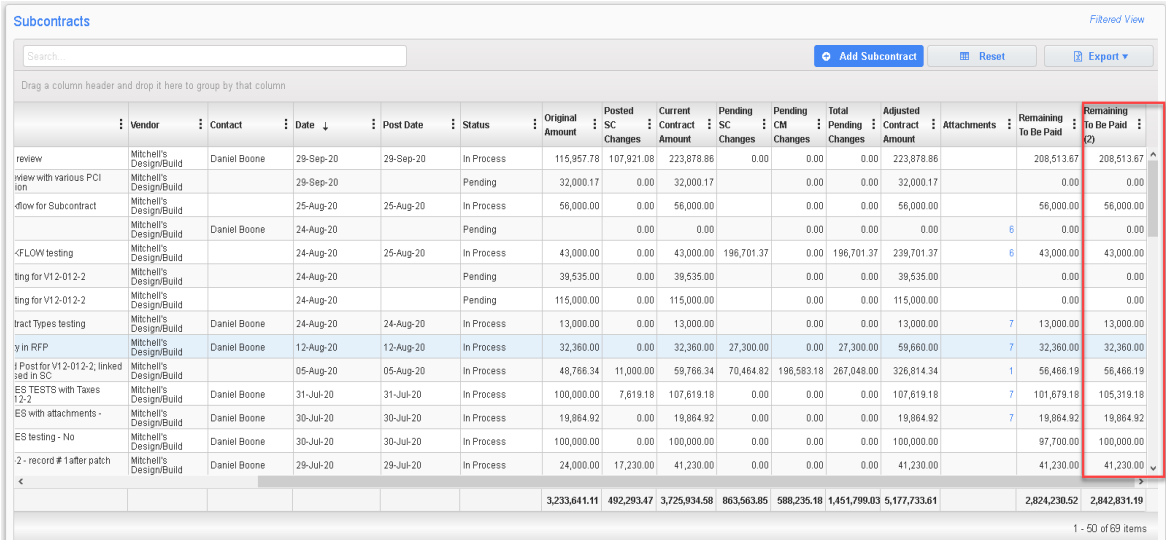
Subcontract Log – Remaining to be Paid (2) is Added (19.91381)

Added another column in the Subcontract Log for Remaining to be Paid (2) which is determined in the following formula:

Posted Subcontract + Posted Subcontract Change Orders - Posted Request For Payments (gross)

The previously existing Remaining to be Paid Amount remains unchanged.

Original (and still existing) Remaining to be Paid is based on the following calculation:
Posted SC + Posted SCCO's - Posted RFP (gross) - Pending SC RFP (gross)



Meeting Minutes - Facilitate Best Practices with Meeting Minute Item Numbering (19.70980/PM-966)

Add the following instructions in the space next to the Meeting Mask ID and Item ID Mask:

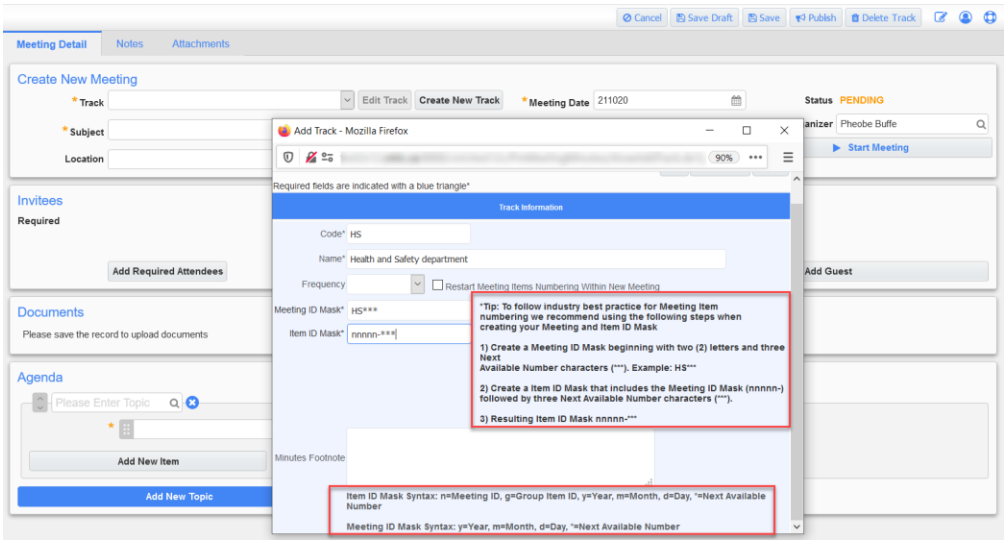
*Tip: To follow industry best practice for Meeting Item numbering we recommend using the following steps when creating your Meeting and Item ID Mask

1) Create a Meeting ID Mask beginning with two (2) letters and three Next Available Number characters (***). Example: HS***

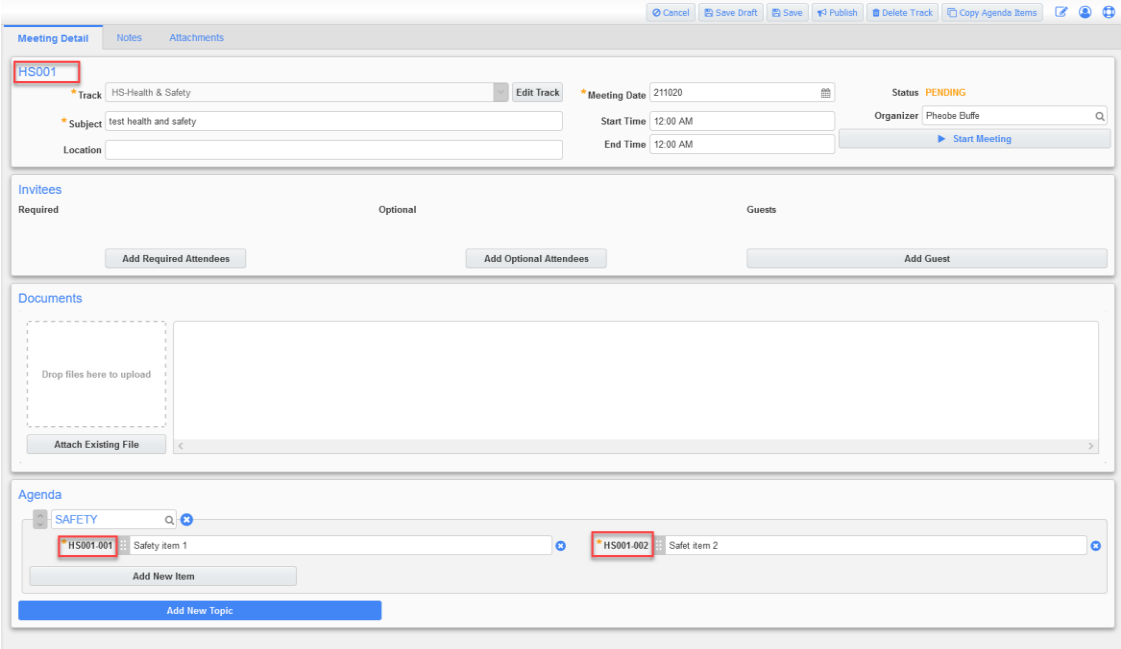
2) Create a Item ID Mask that includes the Meeting ID Mask (nnnnn-) followed by three Next Available Number characters (***).

3) Resulting Item ID Mask nnnnn-***

Also added special text at the botton of track creation screen.



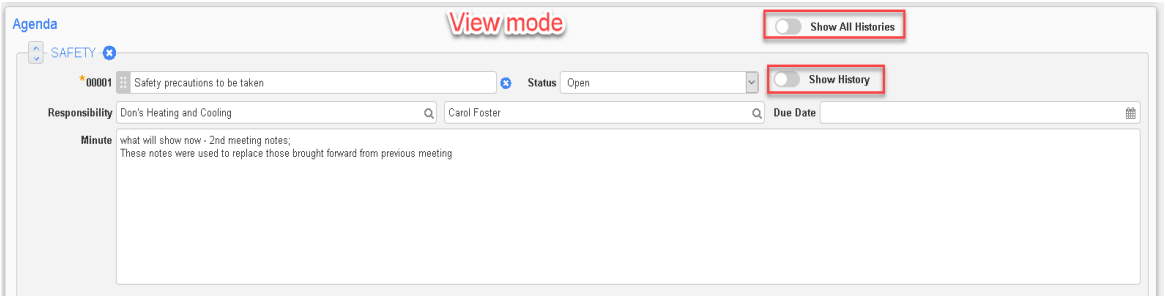
Below is the example for Meeting Minutes with Meeting ID Mask amd Item ID Mask :



Meeting Minutes – Enhancements to Agenda Items Notes History

(19.70980/PM-975, PM-1073)

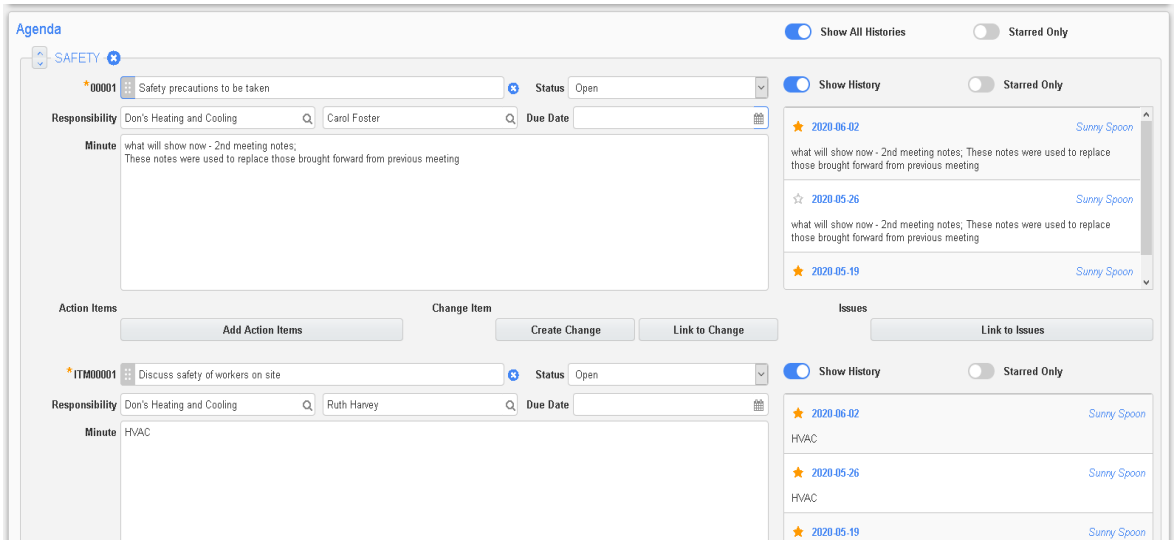
The **Show History** section of Agenda Items has been modified to use switches that can be turned ON/OFF for all agenda items Notes - (Show All Histories), or for individual agenda items Notes - (Show History):



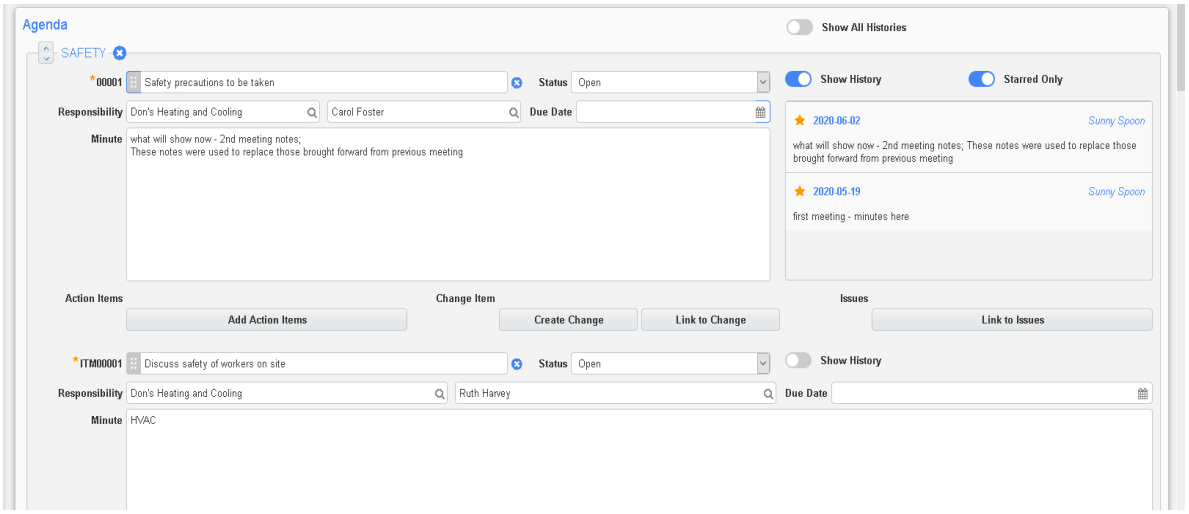
In Edit Mode, these Agenda Item Notes History switches are shown as blue when turned ON or grey when turned FF.

Agenda Item Notes have been modified to be called “Starred” if they are Open or “Unstarred” if they are Closed.

Starred refers to a yellow star that is filled - , and **Unstarred** refers to a star that is unfilled - . The user can also choose to see only Open Notes by switching to “Starred Only”.



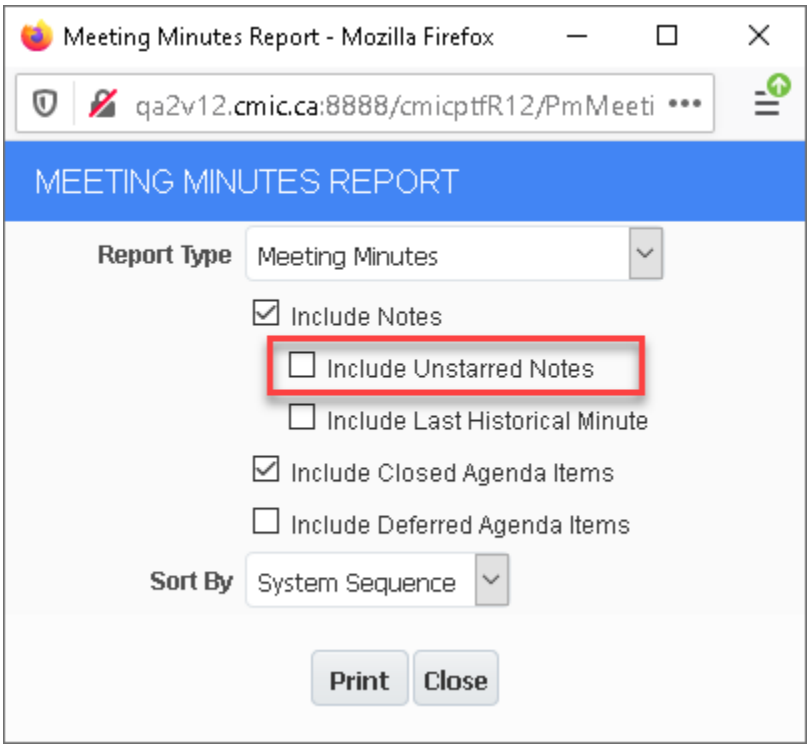
Below is an example where the user chose to show the History of a single agenda item, and only the Starred Notes:



Displaying Closed Notes (Unstarred) in the Meeting Report

CMiC has added the checkbox “Include Unstarred Notes” to the Meeting Report Print popup box.

When this checkbox is checked, Closed notes (Unstarred) will be included in the report.

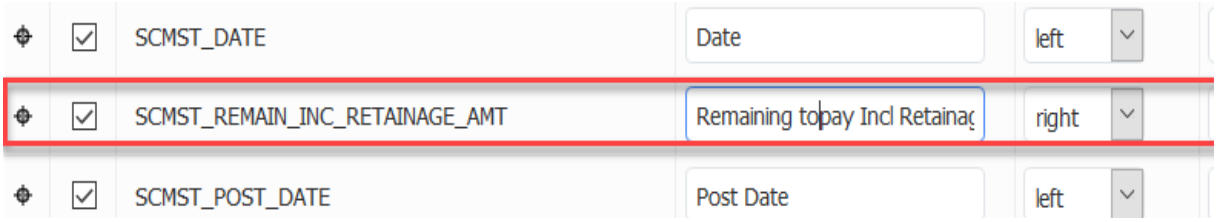


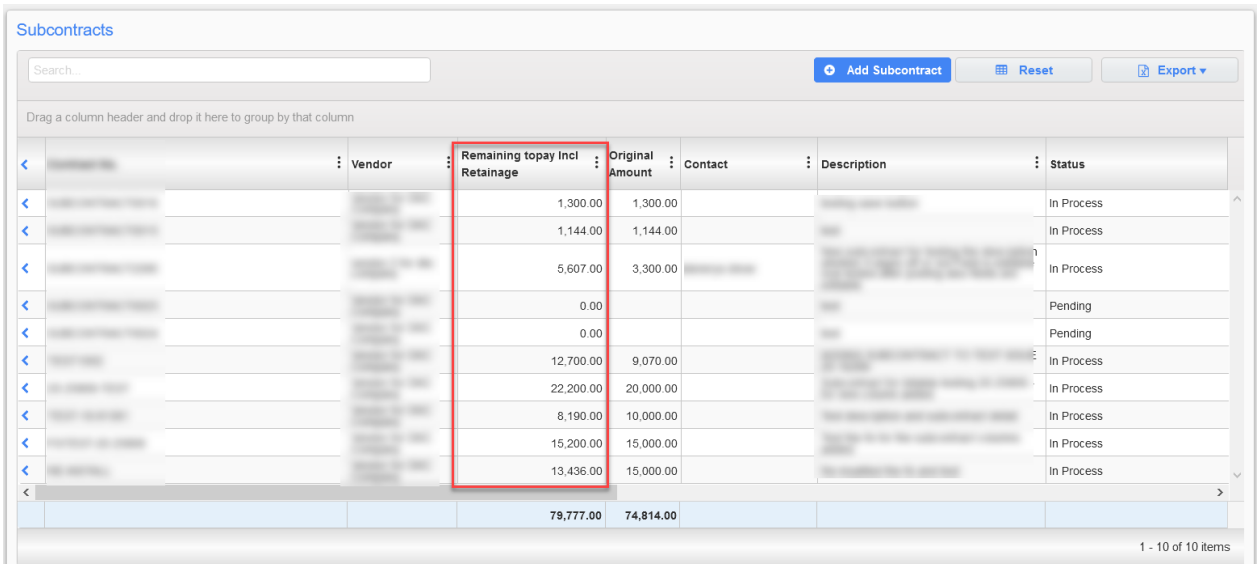
Subcontract Log – Remaining to be Paid including Retainage is added (20.25909)

Subcontract Logs - Added a new column Remaining to be paid including Retainage Amount which is determined by the formula:

Remaining to be Paid Including Retainage = Total Contract Amount – Total Amount paid + (Total Retainage Amount – Total Release amount)

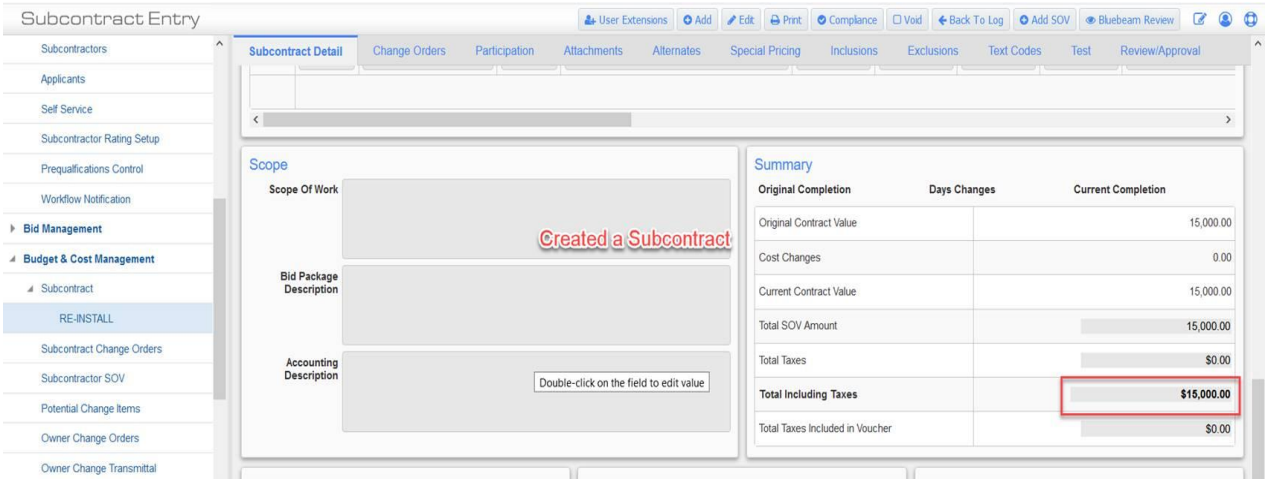
= [t_contr_amt - t_paid_amt + (t_retain_amt - t_released_amt)]

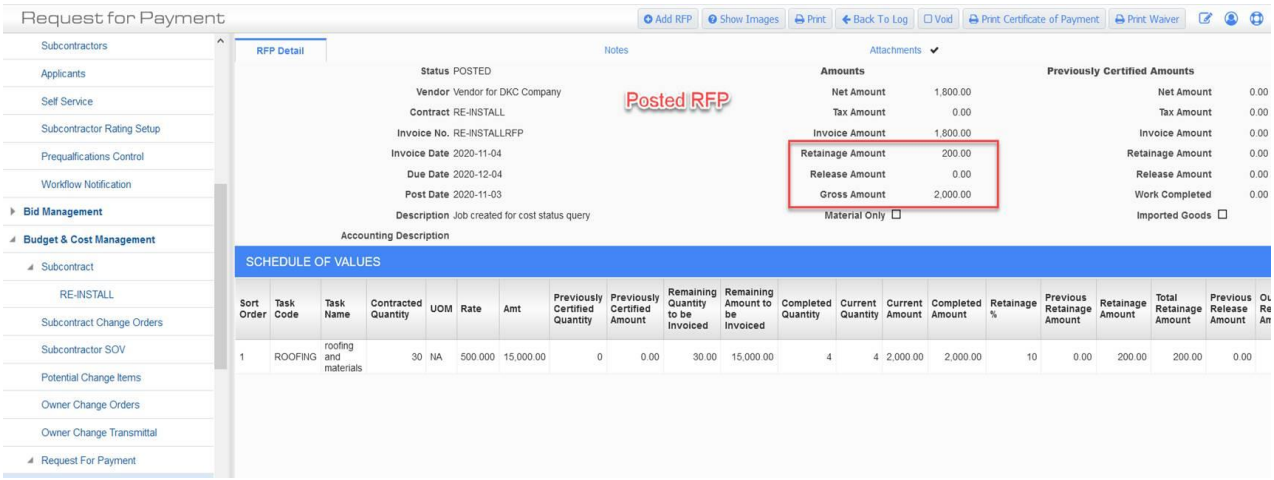




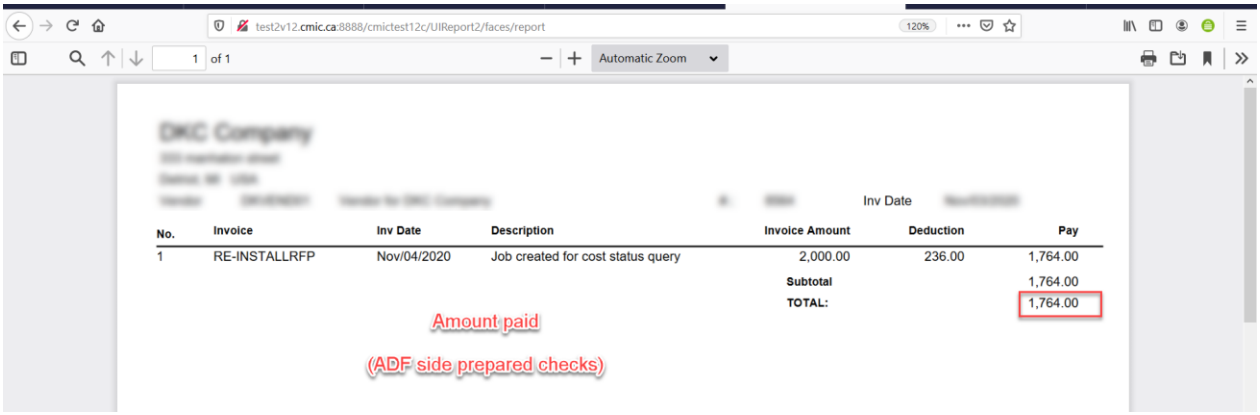
Below is the example for calculation of this column :

Created a Subcontract and Posted : Amt – 15,0000
Posted RFP = 2,000
Retainage = 200



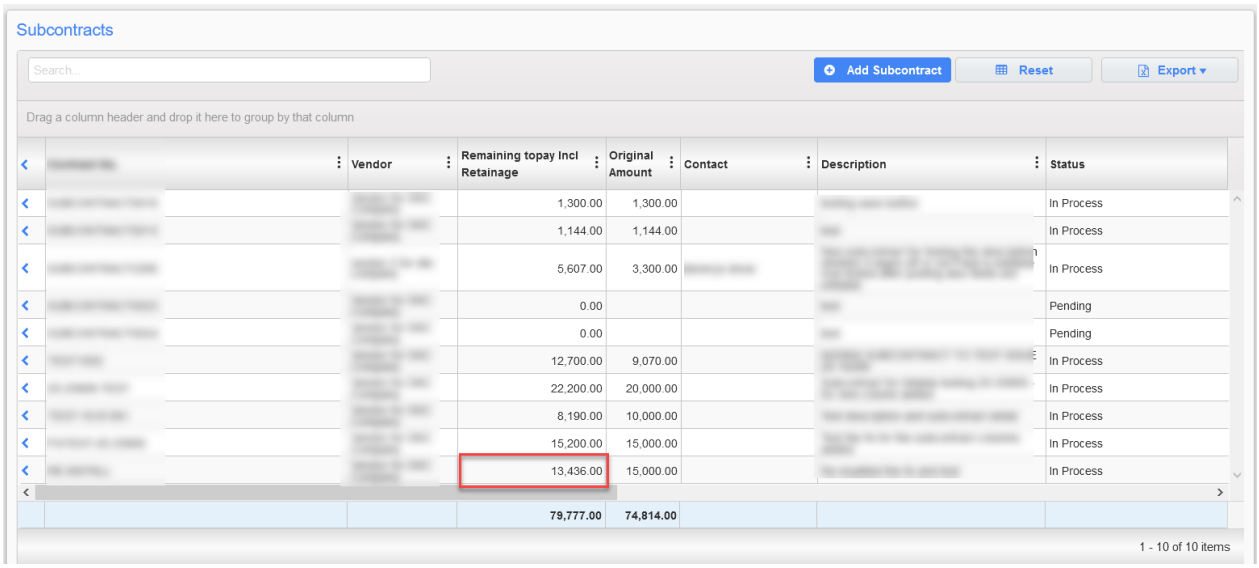


Payment on ADF side – Prepared checks = 1,764 (Amount paid)



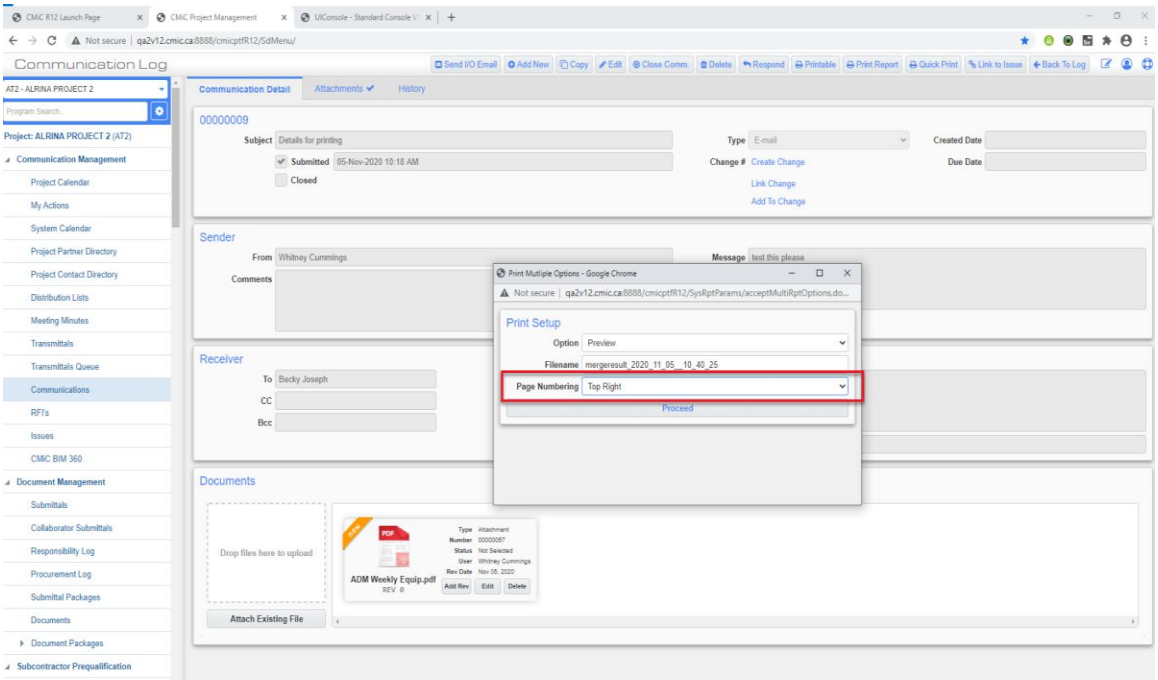
According to the formula:
[Remain to be Paid Including Retainage] = t_contr_amt - t_paid_amt + (t_retain_amt - t_released_amt)

= 15,000 – 1,764 + (200 - 0) = 13,436

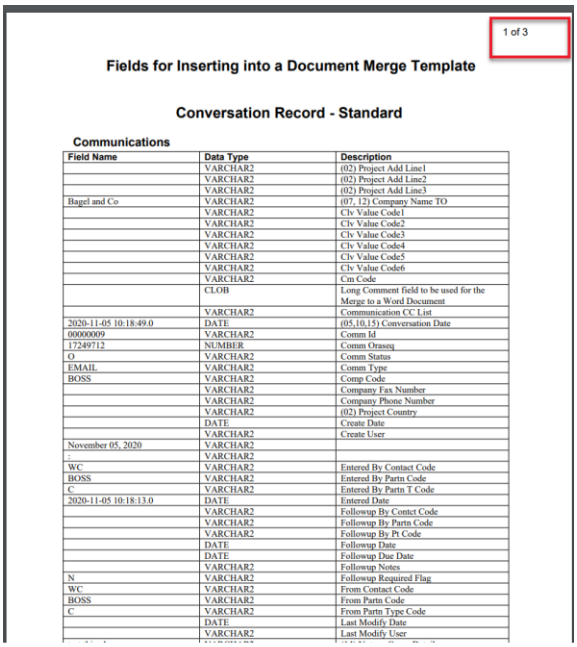


Print Multiple Options in MIP: Added Page Numbering and Location of Page Number (20.31950)

The MIP Document Printing has been enhanced by adding Page Numbers and other details right before the Report Generation screen. If Cold Storage/ Cold Storage with Preview is selected, a number of fields: Page Numbering, Document Type, Document Name, Report ID, Report Title and Description are listed on the Print Setup Screen.



Two new Text fields added: File Name and Page Numbering. The Page Numbering has a dropdown list as Top Right, Bottom Right to fit the page number and lastly, NONE option selected results in no numbering in the Page Document.



1 of 3

Fields for Inserting into a Document Merge Template

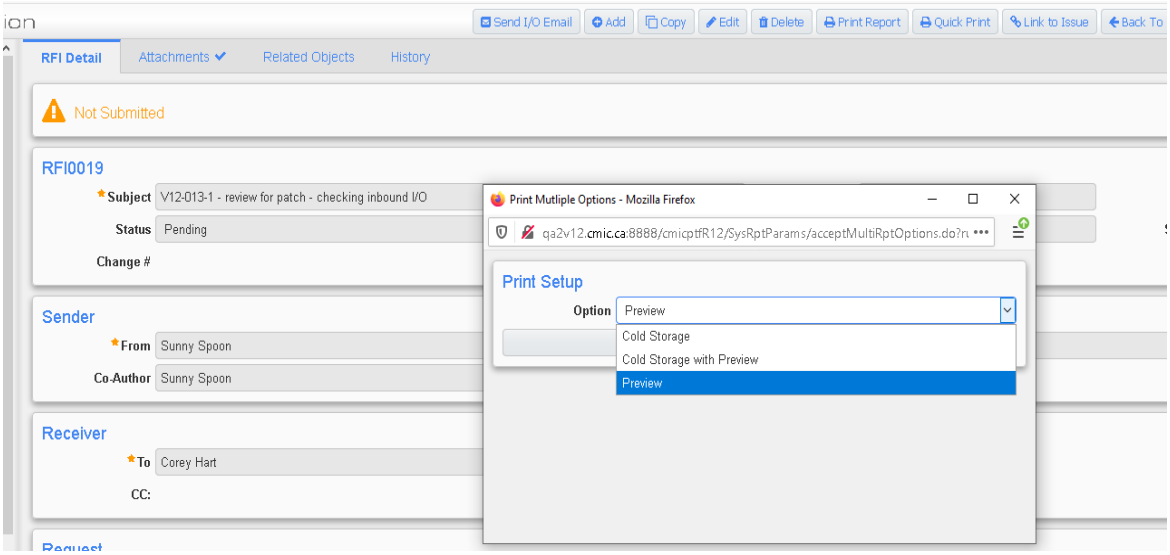
Conversation Record - Standard

Communications

Field Name	Data Type	Description
	VARCHAR2	(02) Project Add Line1
	VARCHAR2	(02) Project Add Line2
	VARCHAR2	(02) Project Add Line3
Bagel and Co	VARCHAR2	(07, 12) Company Name TO
	VARCHAR2	Clv Value Code1
	VARCHAR2	Clv Value Code2
	VARCHAR2	Clv Value Code3
	VARCHAR2	Clv Value Code4
	VARCHAR2	Clv Value Code5
	VARCHAR2	Clv Value Code6
	VARCHAR2	Cm Code
	CLOB	Long Comment field to be used for the Merge to a Word Document
	VARCHAR2	Communication CC List
2020-11-05 10:18:49.0	DATE	(05,10,15) Conversation Date
00000009	VARCHAR2	Comm Id
17249712	NUMBER	Comm Oraseq
O	VARCHAR2	Comm Status
EMAIL	VARCHAR2	Comm Type
BOSS	VARCHAR2	Comp Code
	VARCHAR2	Company Fax Number
	VARCHAR2	Company Phone Number
	VARCHAR2	(02) Project Country
	DATE	Create Date
	VARCHAR2	Create User
November 05, 2020	VARCHAR2	
-	VARCHAR2	
WC	VARCHAR2	Entered By Contact Code
BOSS	VARCHAR2	Entered By Partn Code
C	VARCHAR2	Entered By Partn T Code
2020-11-05 10:18:13.0	DATE	Entered Date
	VARCHAR2	Followup By Contct Code
	VARCHAR2	Followup By Partn Code
	VARCHAR2	Followup By Pt Code
	DATE	Followup Date
	DATE	Followup Due Date
	VARCHAR2	Followup Notes
N	VARCHAR2	Followup Required Flag
WC	VARCHAR2	From Contact Code
BOSS	VARCHAR2	From Partn Code
C	VARCHAR2	From Partn Type Code
	DATE	Last Modify Date
	VARCHAR2	Last Modify User

Cold Storage Options added to Print Multiple Reports (19.82610)

Print Multiple Reports - Cold Storage options have been added to the Print Multiple Reports functionality:

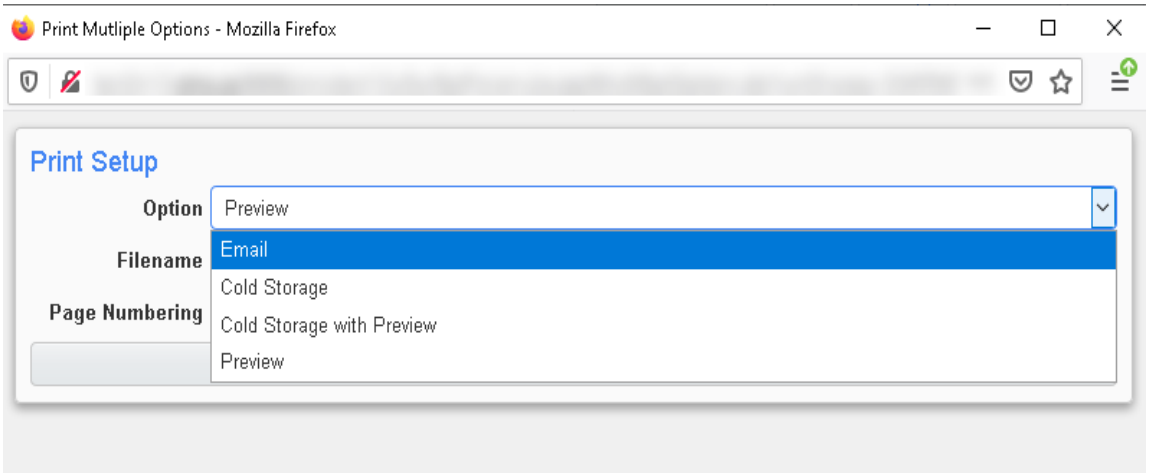


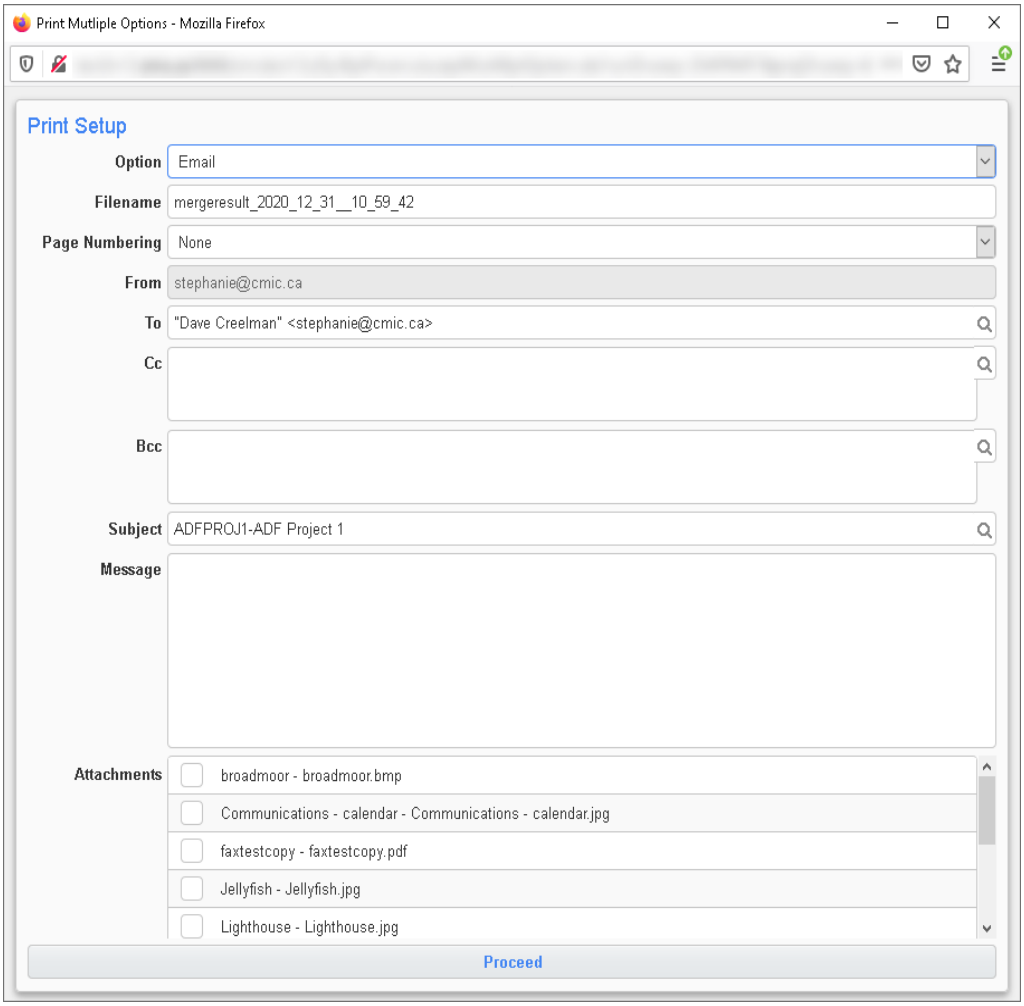
The two options: Cold Storage and Cold Storage with Review can be used to print the reports to Cold Storage.

The Preview option is the previous option that was always there in the initial implementation of Print Multiple Reports, and allows the user to either view the merged report or select a location for saving it.

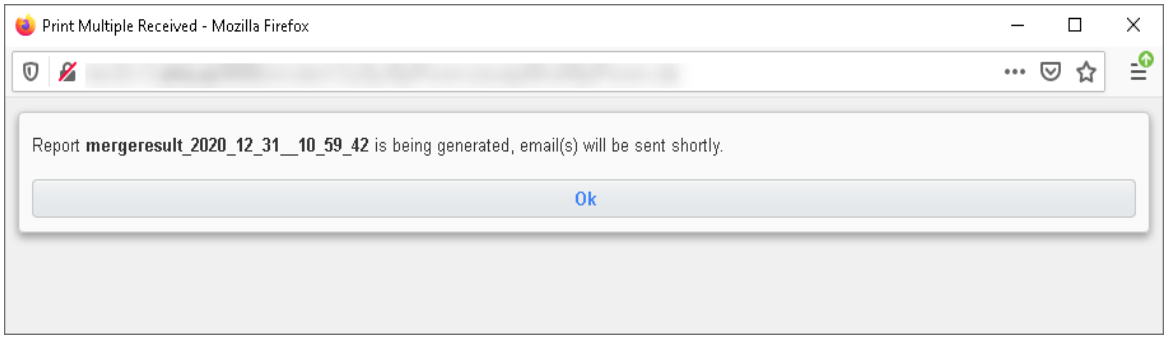
Multiple Reports to Email (restored) (20.34676)

CMiC has added back the Emailing feature for Multiple Reports Printing.

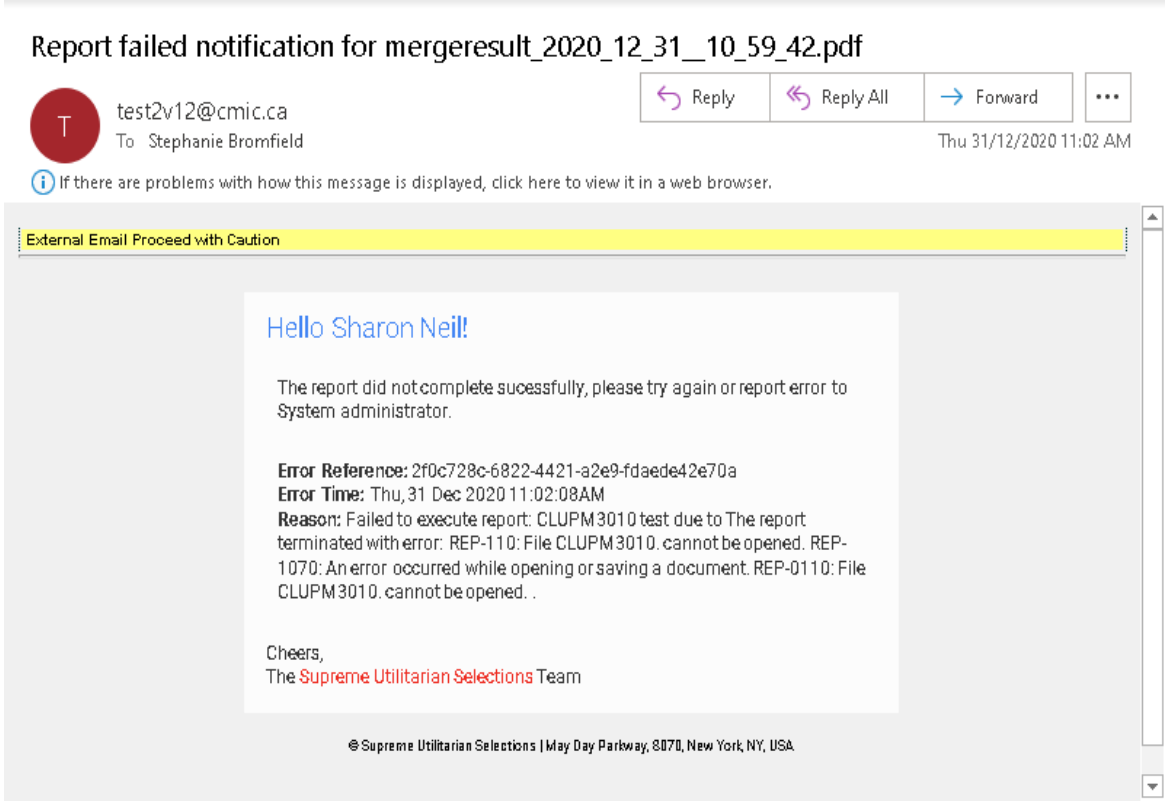




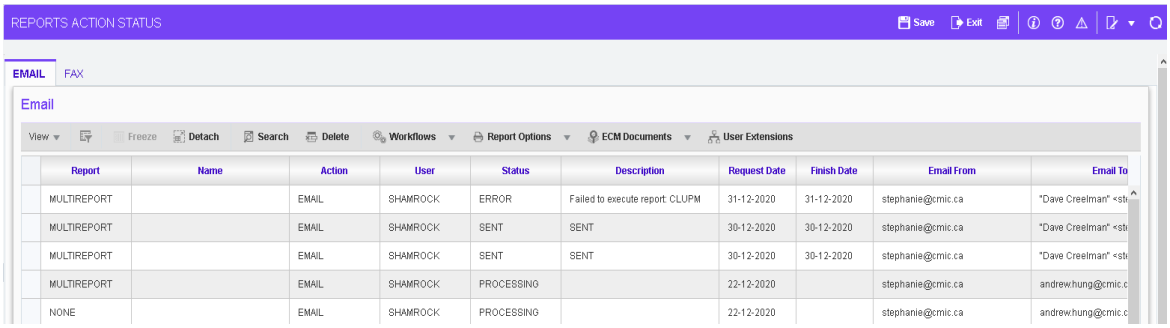
After filling in the relevant fields and clicking [Proceed], the following screen is displayed:



Also, upon failure it will send a notification to the contact who submitted the report.



Additionally, Report Action Status records are being created for this (even though they do not include the reports and attachments which are being merged).



Contract Forecast - Comments field added to Labor Forecasting Pop-up (20.18550)

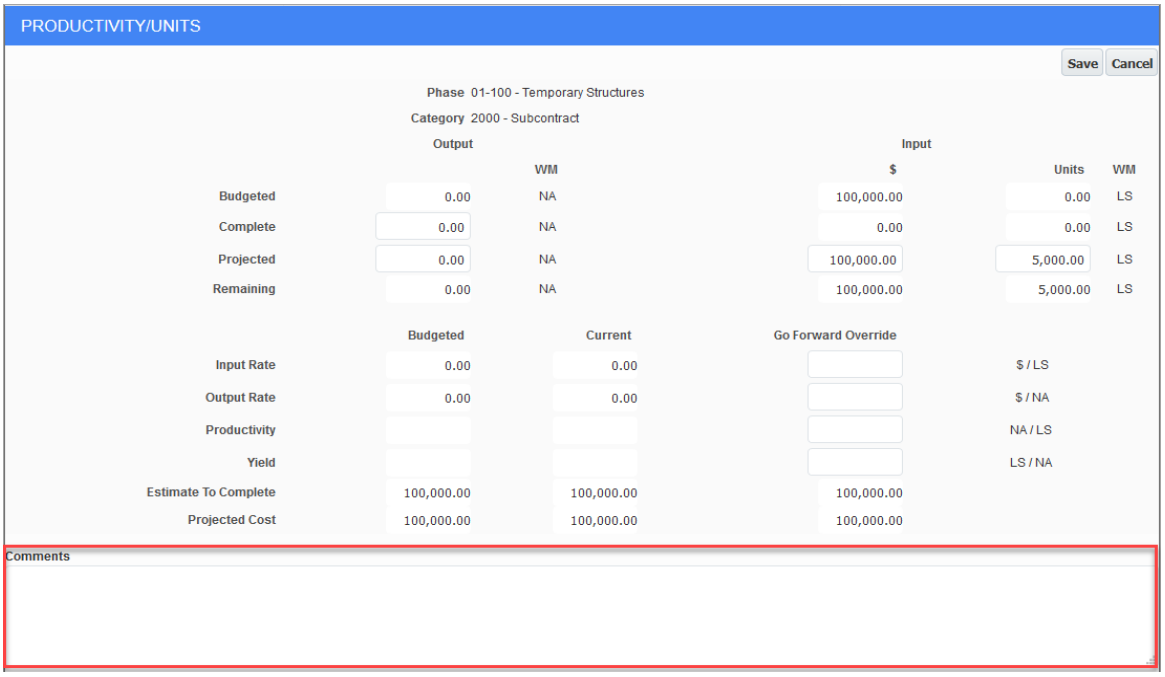
Overview

Added ‘Comments’ field to labor forecasting pop-up. Field is available for ‘P’ and ‘U’ method lines.

Modifications

Comment field included in Contract Forecasting – ‘P’ and ‘U’ method productivity pop-up.

- Field security is hidden by default, filed must be unrestricted by the user to make it visible
- Length up to ‘3968’ characters, includes alpha-numeric and special characters
- 6 rows will be visible in the comment section and user can use scroll bar
- Comment saved are visible through next year and period unless updated

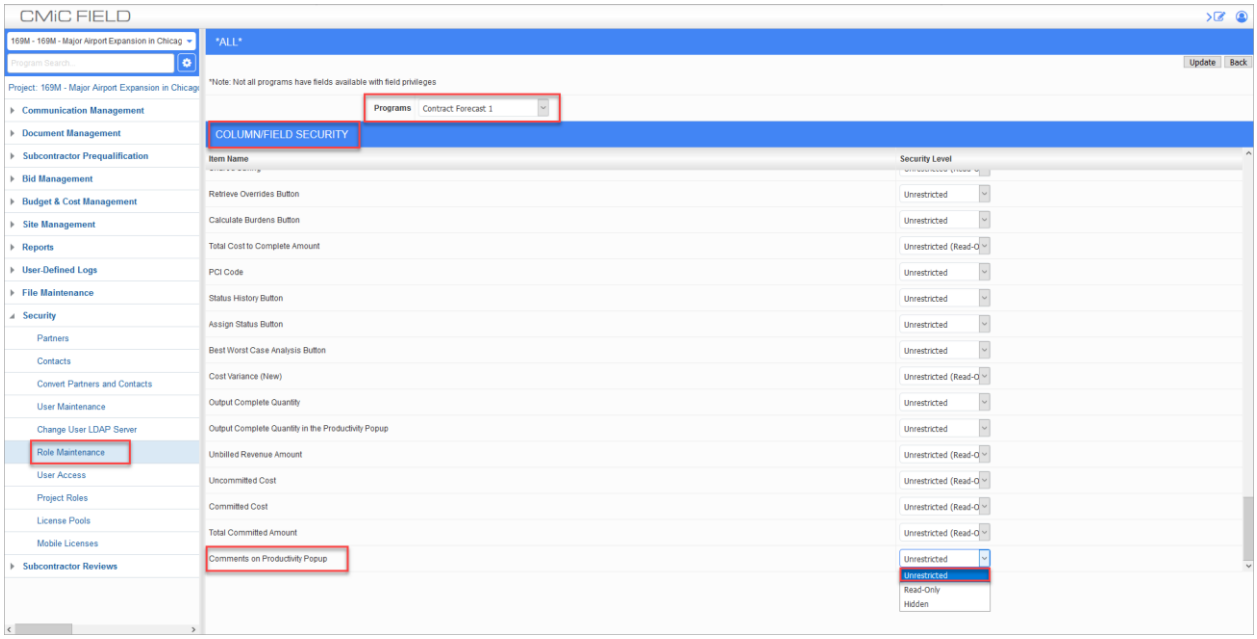


PMJSP > Budget & Cost Management > Contract Forecasting – ‘P’ & ‘U’ method productivity pop-up

Implementation

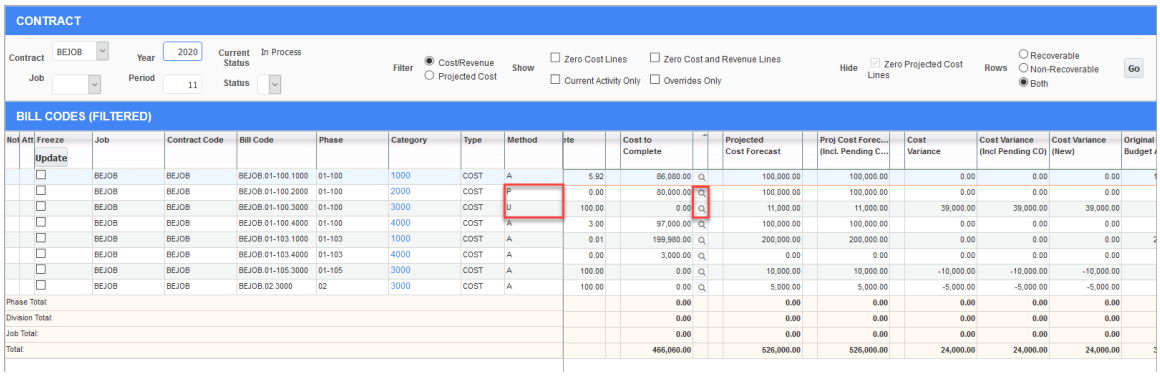
The comments column is hidden by default to ‘ALL’ roles.

User must make it ‘Unrestricted’ in order to make the field available in Productivity pop-up.



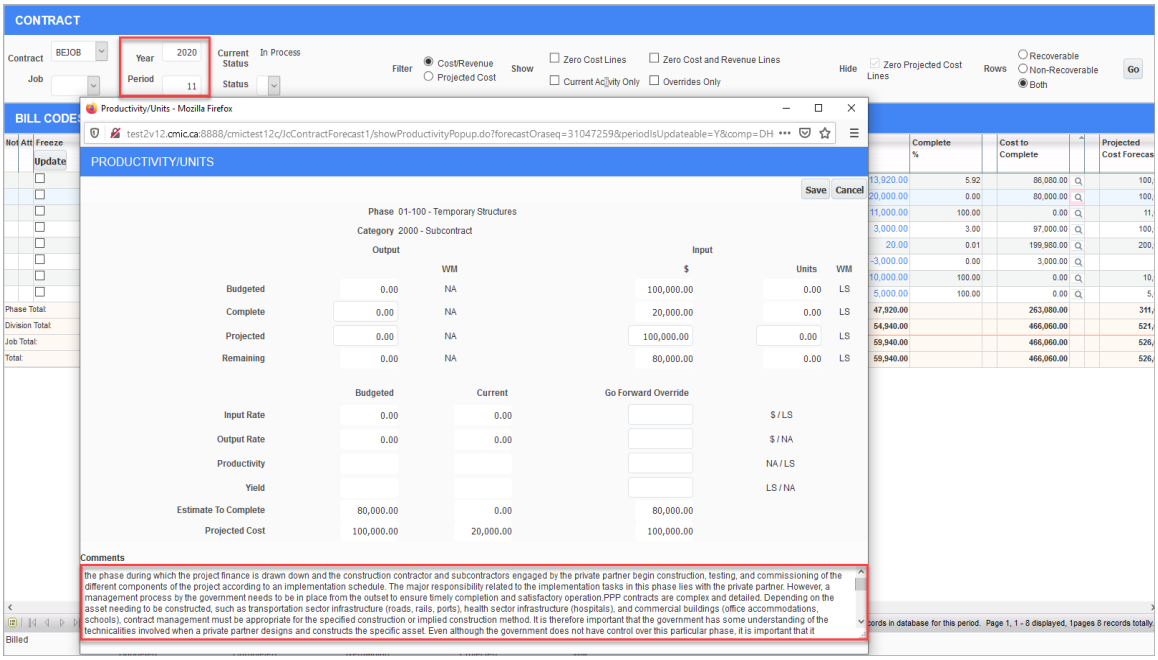
PMJSP > Security > Role Maintenance > Column/Field Security

In ‘Contract Forecasting’, click on ‘P’ or ‘U’ line productivity pop-up.



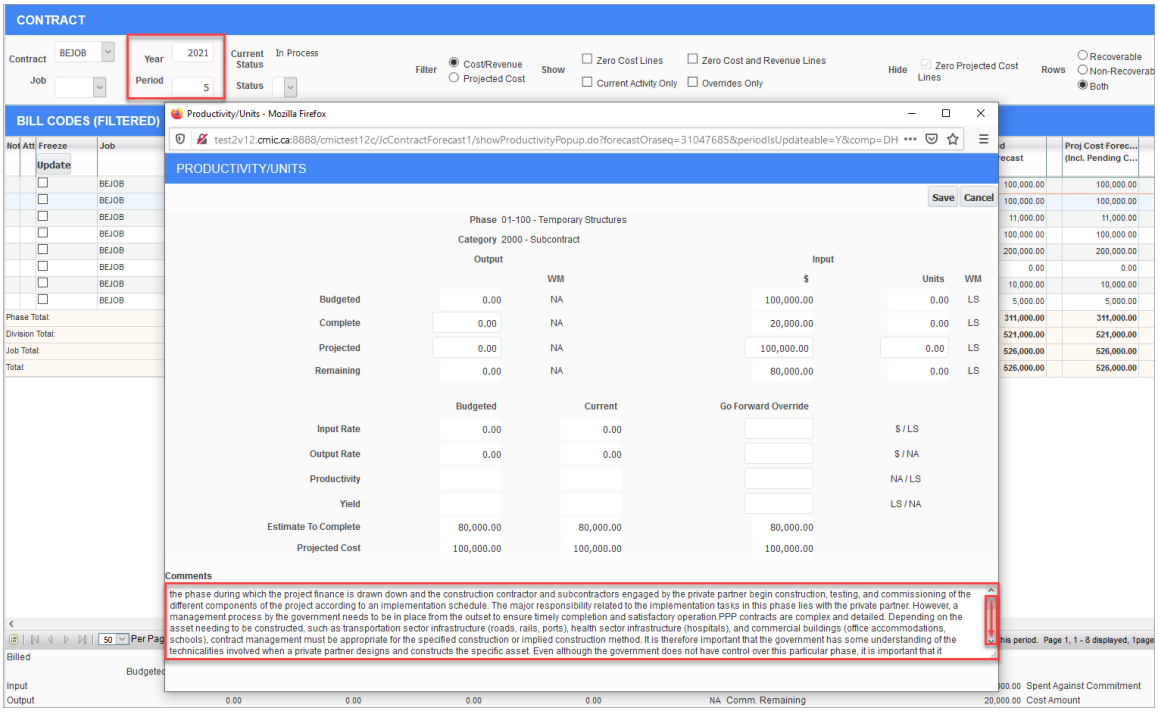
PMJSP > Budget & Cost Management > Contract Forecasting – ‘P’ & ‘U’ method productivity pop-up

Open the productivity pop-up and enter the comments. Six lines are visible, user can scroll through the comment section. Period is 2020-11.



PMJSP >Budget & Cost Management >Contract Forecasting –'P' & 'U' method productivity pop-up – period 2020-11

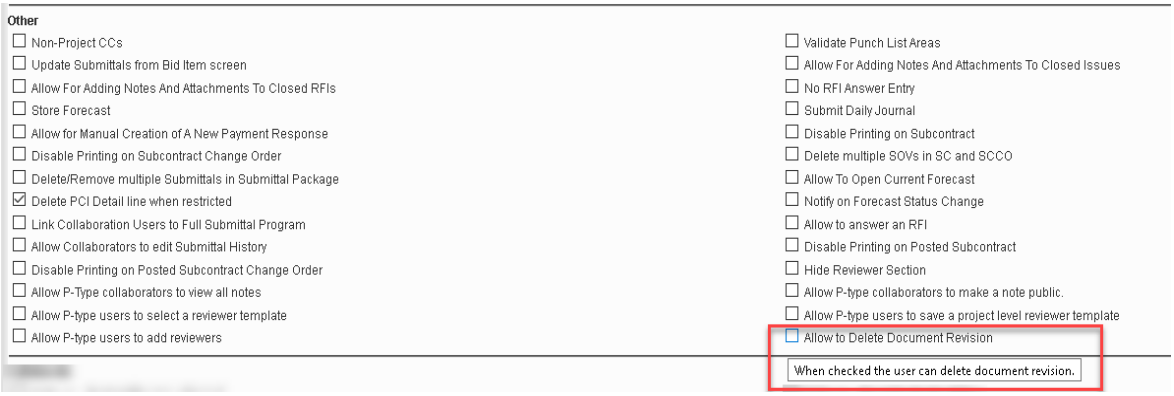
Comments are visible for 2021-5 period.



PMJSP > Budget & Cost Management >Contract Forecasting – 'P' & 'U' method productivity pop-up – period 2021-5

NOTE: This is also programmed for a client specific custom Productivity/Units pop-up

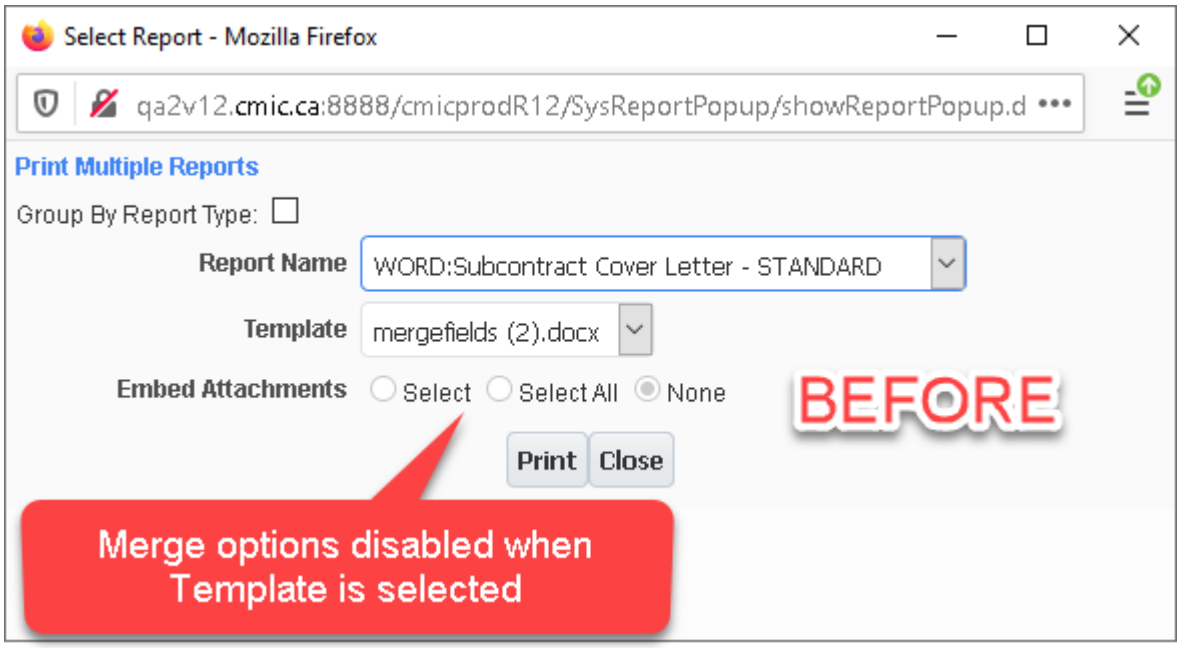
Project Role Privilege to Delete Revision (20.29898)



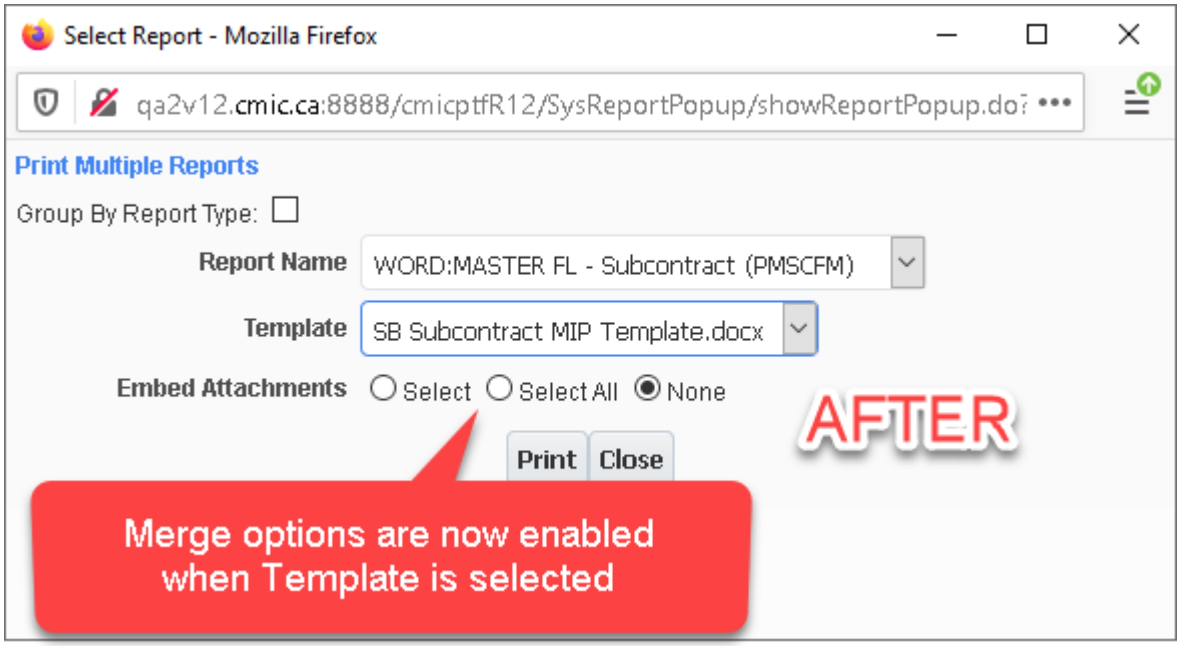
CMiC has added a Project Role privilege to allow users to delete a document revision: “Allow to Delete Document Revision”.

Single MIP Report Printing with Merging of Attachments (18.65363)

Modifications have been made so that the Single MIP printing process now allows for merging of attachments with the MIP report (with Template). Previously the merge options were not available when a MIP template was selected:



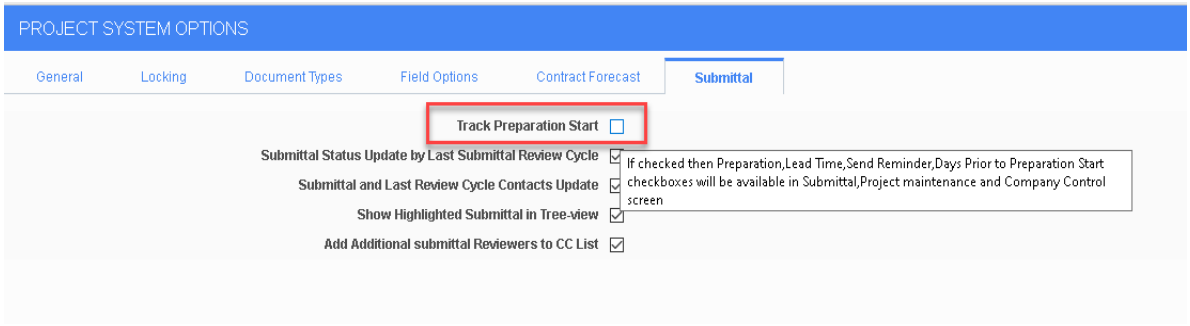
Now, they are:



PM System Options – Submittal Separated into Its Own Tab

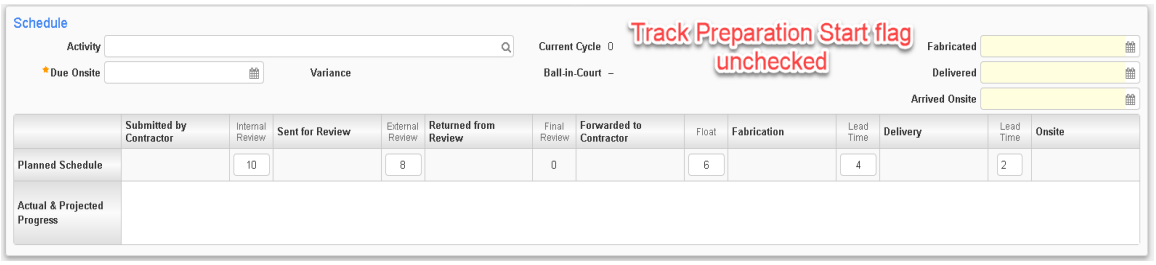
(20.21665/PM-897)

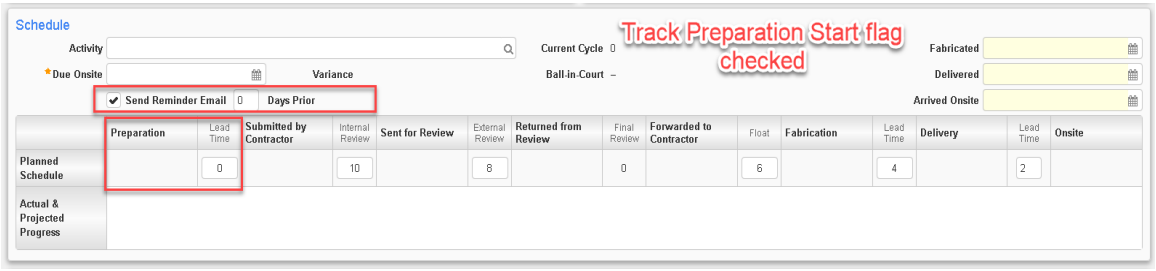
In the PM System Options screen a separate tab has been created to hold all Project Management system level settings related to Submittals.



Also, changes have been made to hide the Send Reminder flag and Days Prior (to Start) field based on if the Preparation Start Date flag (Track Prepapration Start) is unchecked in PM System Options. Additionally, If this flag is unchecked then no default values are set on these fields.

If the Track Prepartion Start flag is checked, the submittal Preparation, Lead Time, Send Reminder, Days Prior to Preparation Start checkboxes/fields will be available in the Submittal, Project Maintenance and Company Control screens.





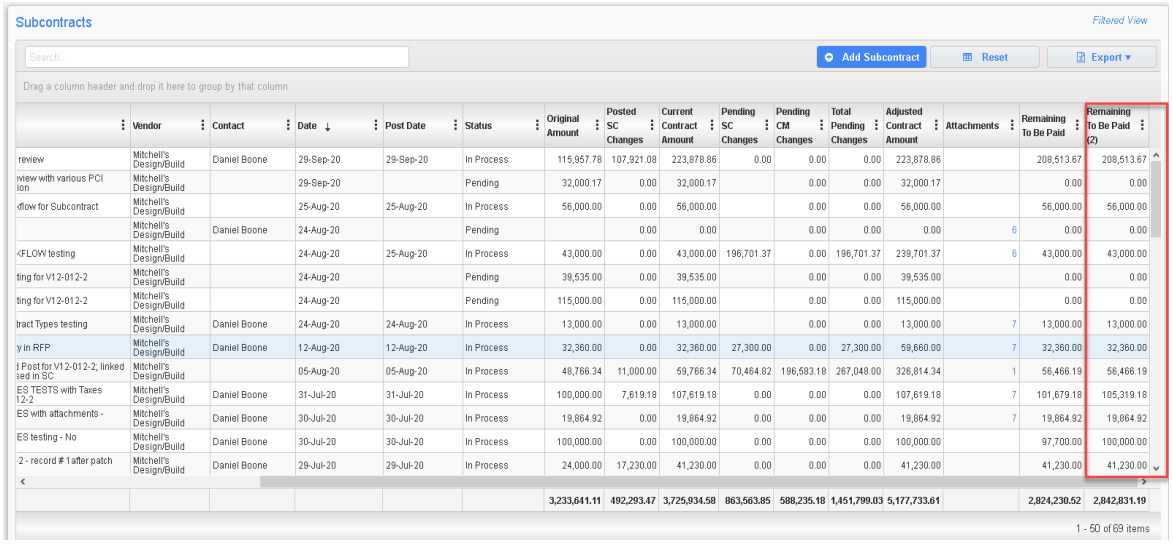
Subcontract Log – Remaining to be Paid (2) is Added (19.91381)

Added another column in the Subcontract Log for Remaining to be Paid (2) which is determined in the following formula:

Posted Subcontract + Posted Subcontract Change Orders - Posted Request For Payments (gross)

The previously existing Remaining to be Paid Amount remains unchanged.

Original (and still existing) Remaining to be Paid is based on the following calculation:
Posted SC + Posted SCCO's - Posted RFP (gross) - Pending SC RFP (gross)



Meeting Minutes - Facilitate Best Practices with Meeting Minute Item Numbering (19.70980/PM-966)

Add the following instructions in the space next to the Meeting Mask ID and Item ID Mask:

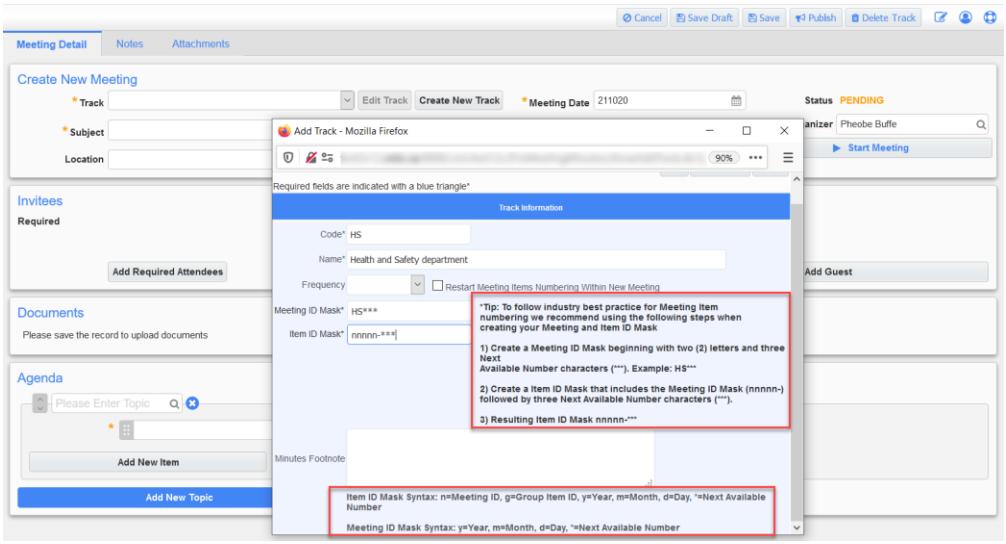
*Tip: To follow industry best practice for Meeting Item numbering we recommend using the following steps when creating your Meeting and Item ID Mask

1) Create a Meeting ID Mask beginning with two (2) letters and three Next Available Number characters (***). Example: HS***

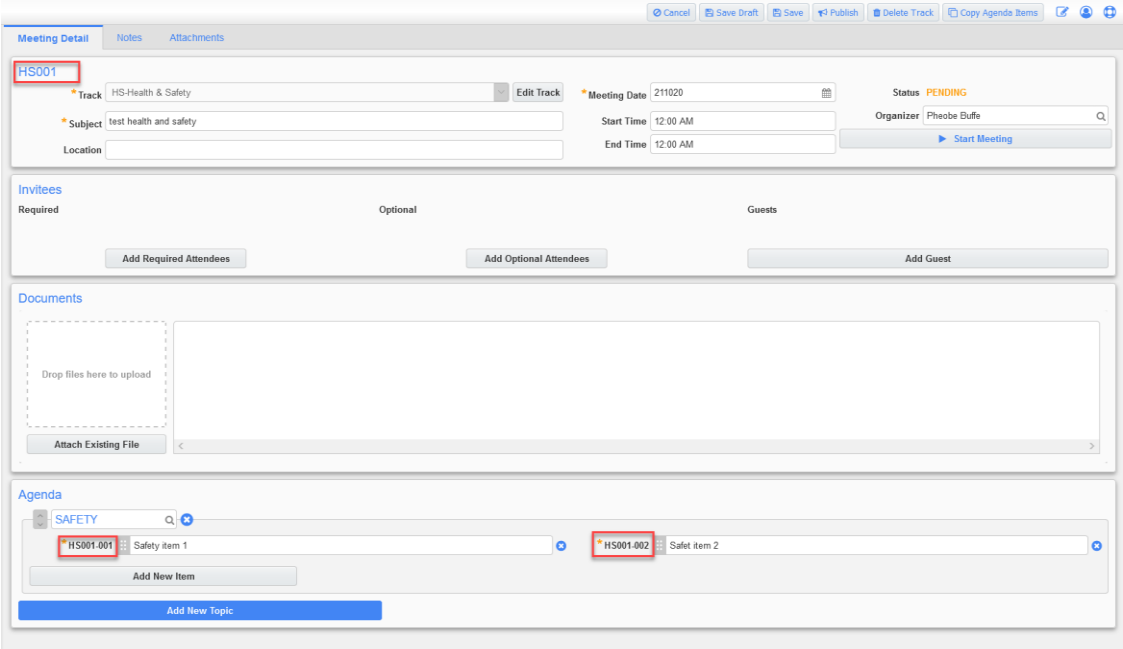
2) Create a Item ID Mask that includes the Meeting ID Mask (nnnnn-) followed by three Next Available Number characters (***).

3) Resulting Item ID Mask nnnnn-***

Also added special text at the botton of track creation screen.



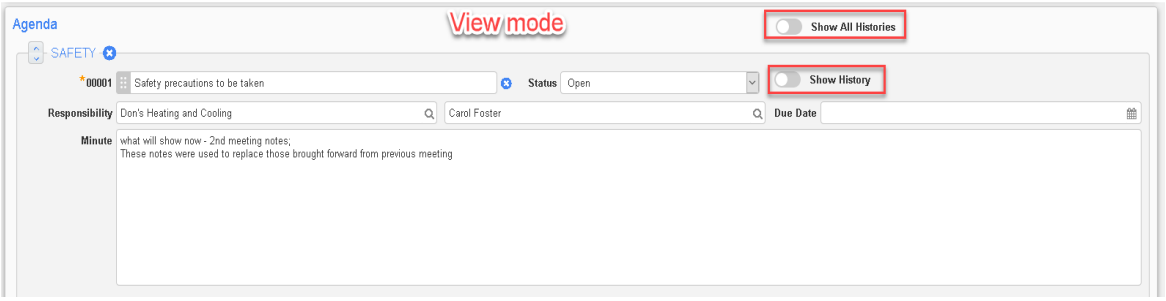
Below is the example for Meeting Minutes with Meeting ID Mask amd Item ID Mask :



Meeting Minutes – Enhancements to Agenda Items Notes History

(19.70980/PM-975, PM-1073)

The **Show History** section of Agenda Items has been modified to use switches that can be turned ON/OFF for all agenda items Notes - (Show All Histories), or for individual agenda items Notes - (Show History):

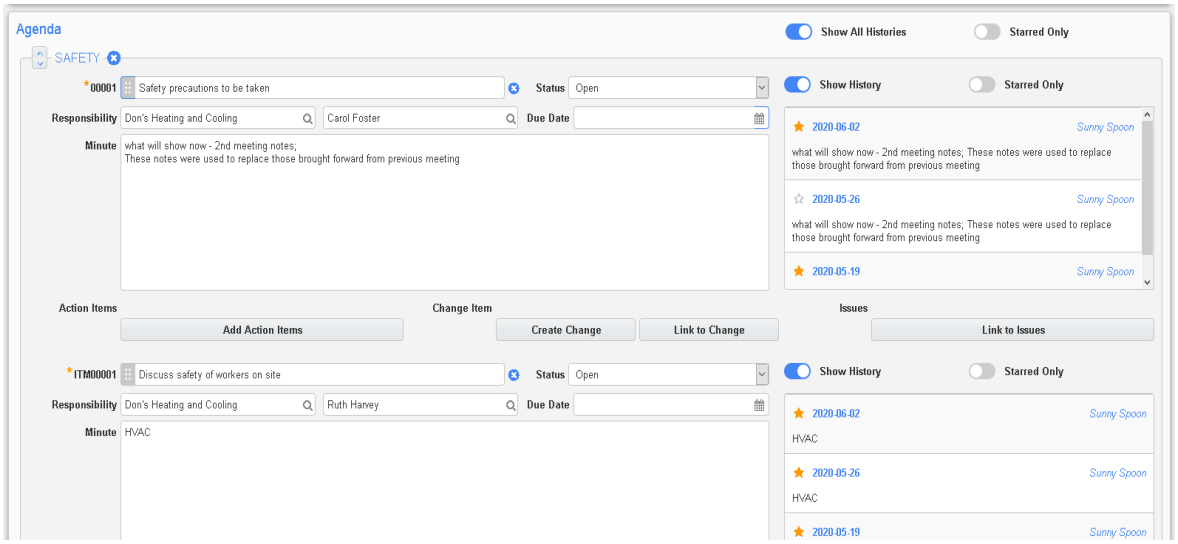


In Edit Mode, these Agenda Item Notes History switches are shown as blue when turned ON or grey when turned OFF.

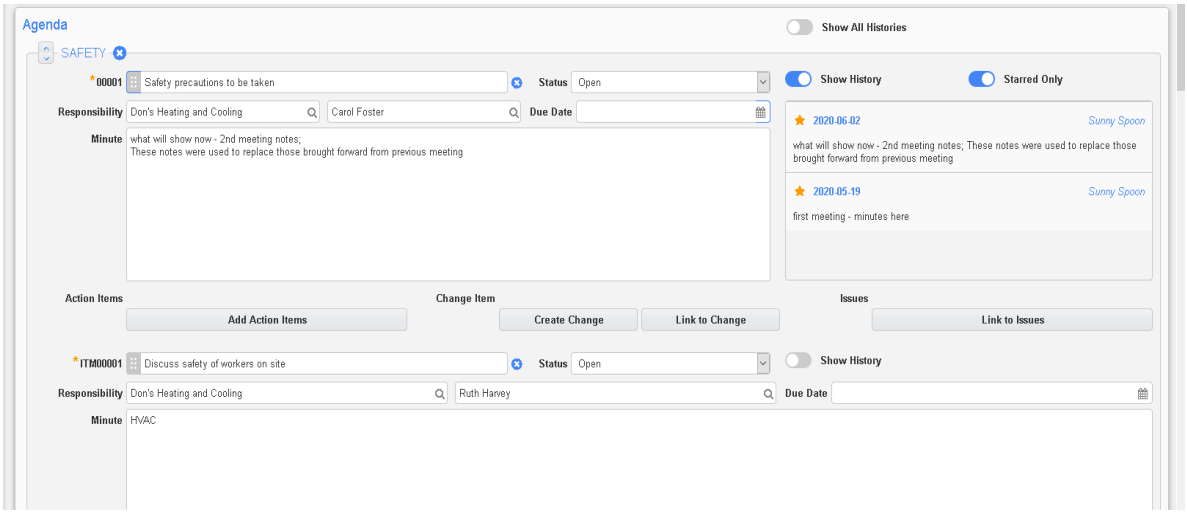
Agenda Item Notes have been modified to be called “Starred” if they are Open or “Unstarred” if they are Closed.

Starred refers to a yellow star that is filled - , and **Unstarred** refers to a star that is unfilled - . The user can also choose to see only Open Notes by switching to “Starred Only”.

Clicking on the Star can switch it between Open and Closed and vice-versa. There is a tooltip that is displayed when the cursor hovers over the star.



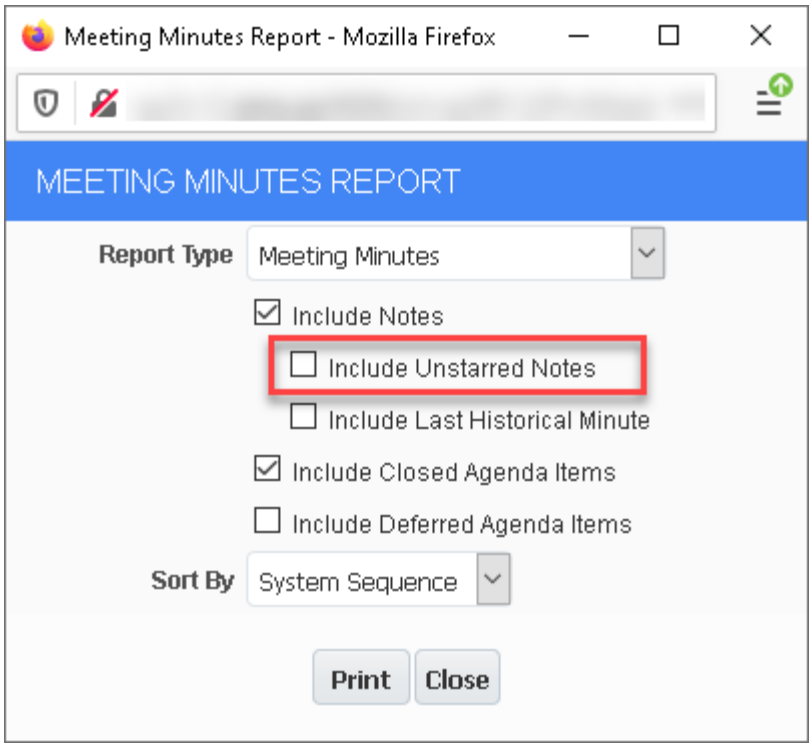
Below is an example where the user chose to show the History of a single agenda item, and only the Starred Notes:



Displaying Closed Notes (Unstarred) in the Meeting Report

CMiC has added the checkbox “Include Unstarred Notes” to the Meeting Report Print popup box.

When this checkbox is checked, Closed notes (Unstarred) will be included in the report.

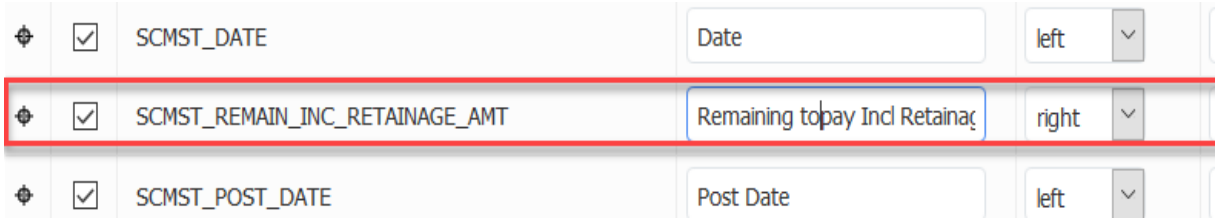


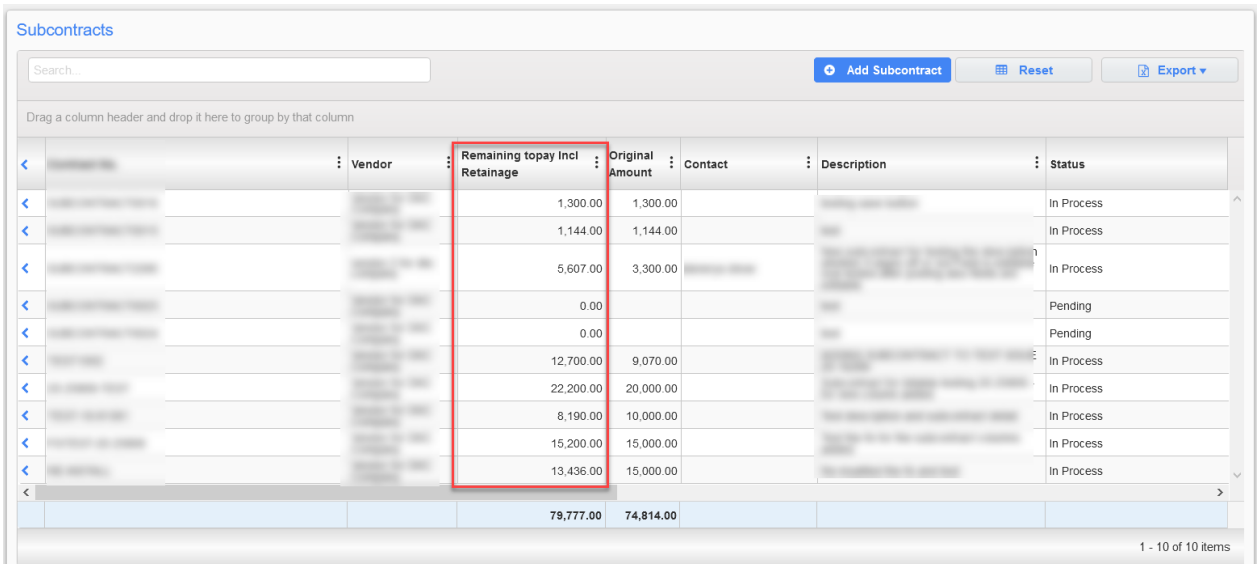
Subcontract Log – Remaining to be Paid including Retainage is added (20.25909)

Subcontract Logs - Added a new column Remaining to be paid including Retainage Amount which is determined by the formula:

Remaining to be Paid Including Retainage = Total Contract Amount – Total Amount paid + (Total Retainage Amount – Total Release amount)

= [t_contr_amt - t_paid_amt + (t_retain_amt - t_released_amt)]



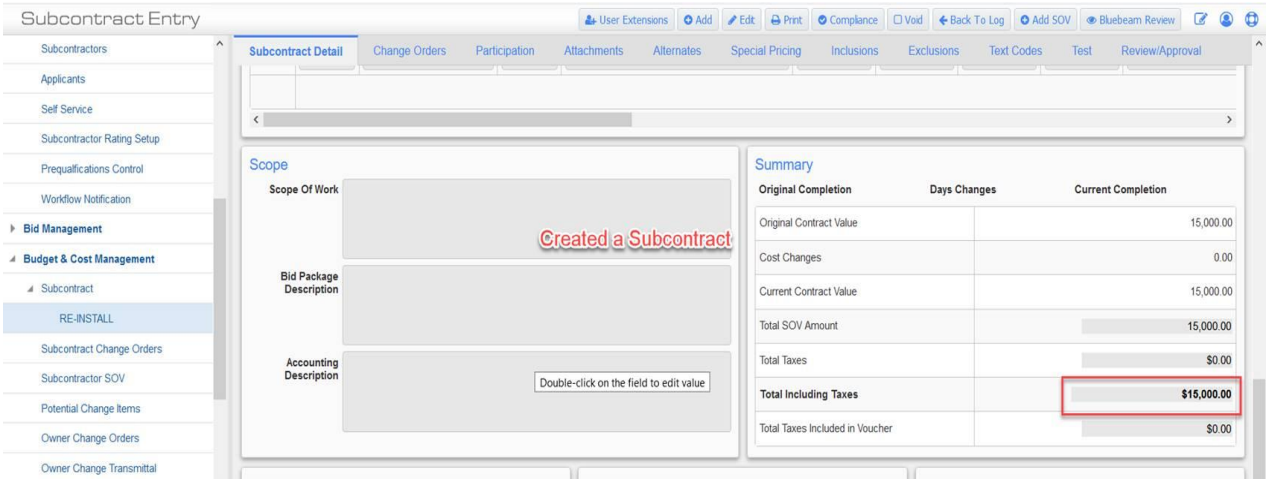


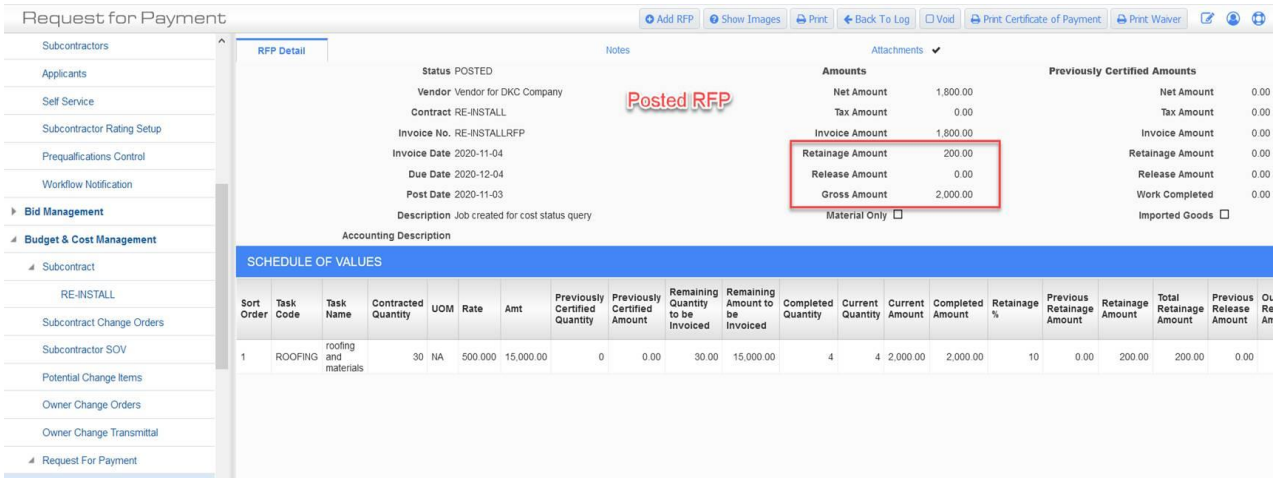
Below is the example for calculation of this column:

Created a Subcontract and Posted : Amt – 15,0000

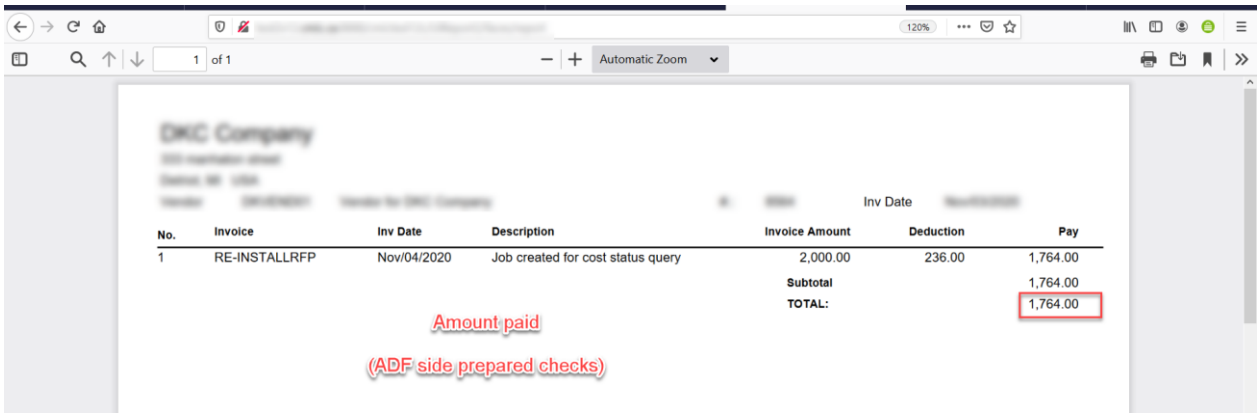
Posted RFP = 2,000

Retainage = 200



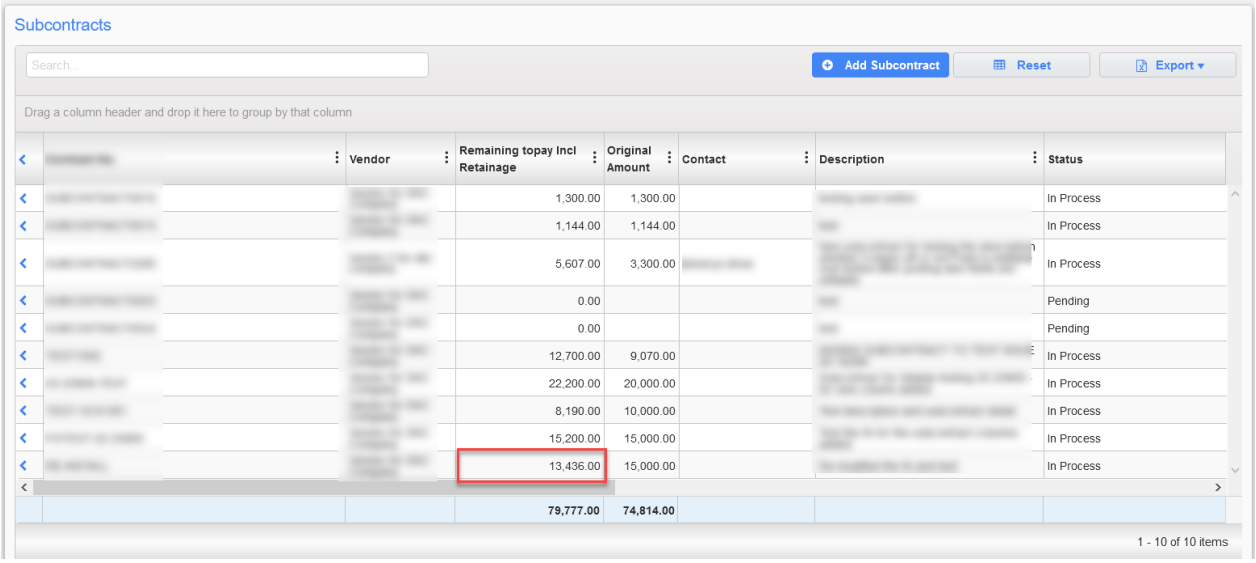


Payment on ADF side – Prepared checks = 1,764 (Amount paid)



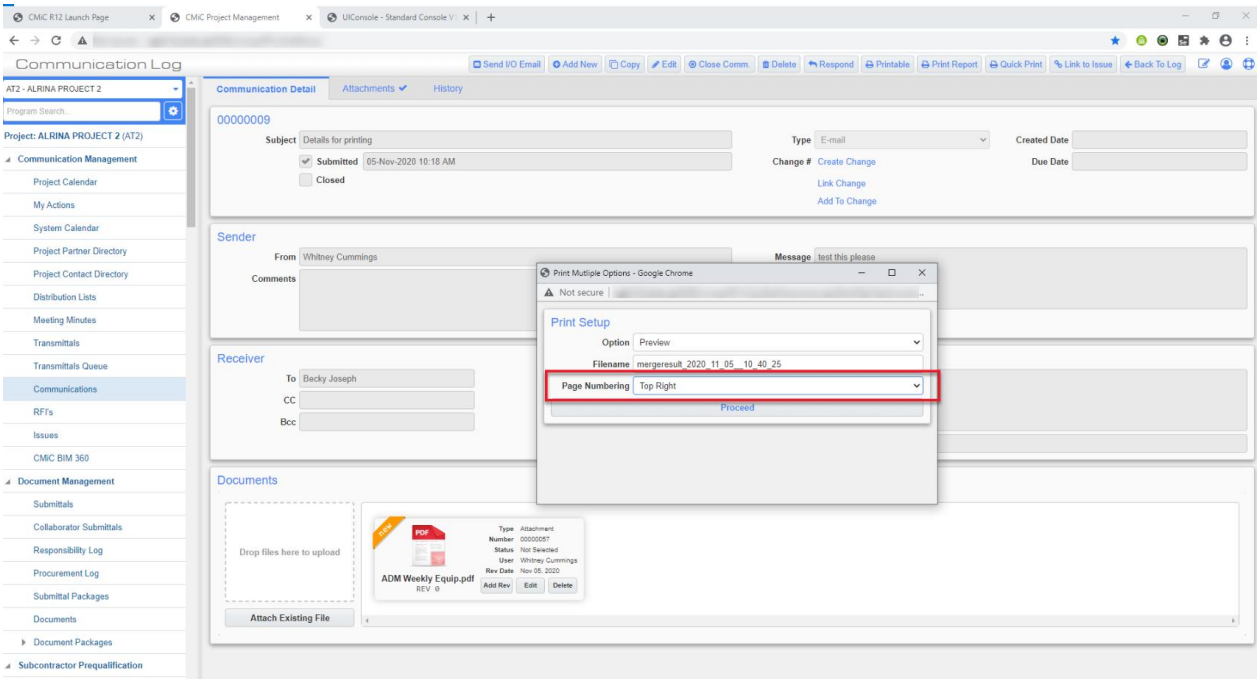
According to the formula:
[Remain to be Paid Including Retainage] = t_contr_amt - t_paid_amt + (t_retain_amt - t_released_amt)

= 15,000 – 1,764 + (200 - 0) = 13,436

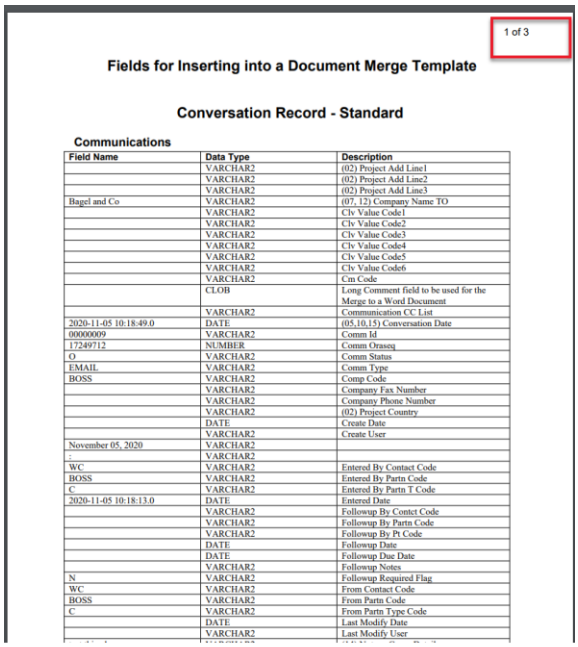


Print Multiple Options in MIP: Added Page Numbering and Location of Page number (20.31950)

The MIP Document Printing has been enhanced by adding Page Numbers and other details right before the Report Generation screen. If Cold Storage/ Cold Storage with Preview is selected, a number of fields: Page Numbering, Document Type, Document Name, Report ID, Report Title and Description are listed on the Print Setup Screen.



Two new Text fields added: File Name and Page Numbering. The Page Numbering has a dropdown list as Top Right, Bottom Right to fit the page number and lastly, NONE option selected results in no numbering in the Page Document.



1 of 3

Fields for Inserting into a Document Merge Template

Conversation Record - Standard

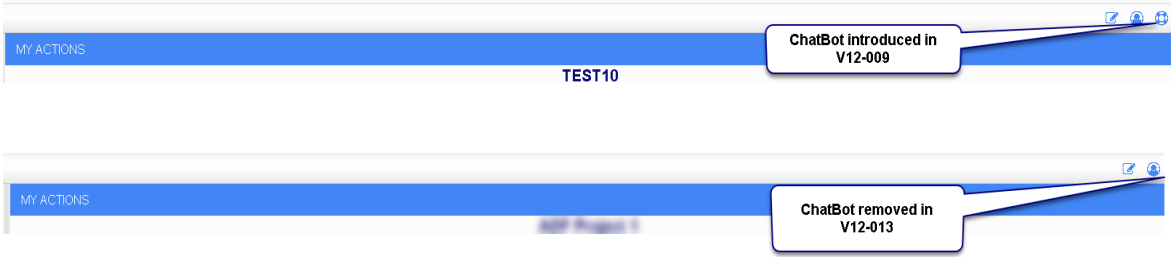
Communications

Field Name	Data Type	Description
	VARCHAR2	(02) Project Add Line1
	VARCHAR2	(02) Project Add Line2
	VARCHAR2	(02) Project Add Line3
Bagel and Co	VARCHAR2	(07, 12) Company Name TO
	VARCHAR2	Clv Value Code1
	VARCHAR2	Clv Value Code2
	VARCHAR2	Clv Value Code3
	VARCHAR2	Clv Value Code4
	VARCHAR2	Clv Value Code5
	VARCHAR2	Clv Value Code6
	VARCHAR2	Cm Code
	CLOB	Long Comment field to be used for the Merge to a Word Document
	VARCHAR2	Communication CC List
2020-11-05 10:18:49.0	DATE	(05,10,15) Conversation Date
00000009	VARCHAR2	Comm Id
17249712	NUMBER	Comm Oraseq
O	VARCHAR2	Comm Status
EMAIL	VARCHAR2	Comm Type
BOSS	VARCHAR2	Comp Code
	VARCHAR2	Company Fax Number
	VARCHAR2	Company Phone Number
	VARCHAR2	(02) Project Country
	DATE	Create Date
	VARCHAR2	Create User
November 05, 2020	VARCHAR2	
-	VARCHAR2	
WC	VARCHAR2	Entered By Contact Code
BOSS	VARCHAR2	Entered By Partn Code
C	VARCHAR2	Entered By Partn T Code
2020-11-05 10:18:13.0	DATE	Entered Date
	VARCHAR2	Followup By Contct Code
	VARCHAR2	Followup By Partn Code
	VARCHAR2	Followup By Pt Code
	DATE	Followup Date
	DATE	Followup Due Date
	VARCHAR2	Followup Notes
N	VARCHAR2	Followup Required Flag
WC	VARCHAR2	From Contact Code
BOSS	VARCHAR2	From Partn Code
C	VARCHAR2	From Partn Type Code
	DATE	Last Modify Date
	VARCHAR2	Last Modify User

JSP ChatBot Removed (20.35173)

CMiC has removed the old Freshdesk Chat Bot.

The ChatBot which was added to JSPs in V12-009 has been now been removed.

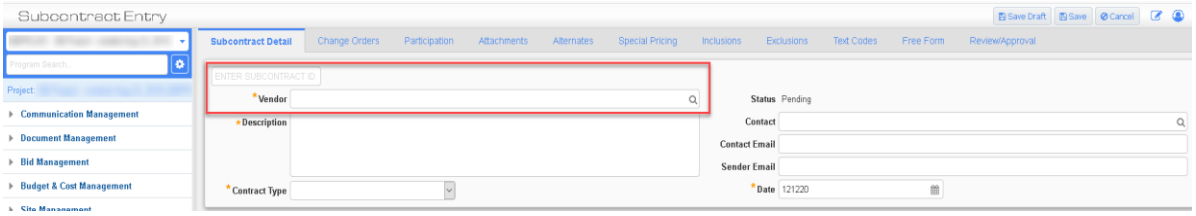


Subcontract Entry – Vendor and Contract ID Switched (20.34936/PM-1065)

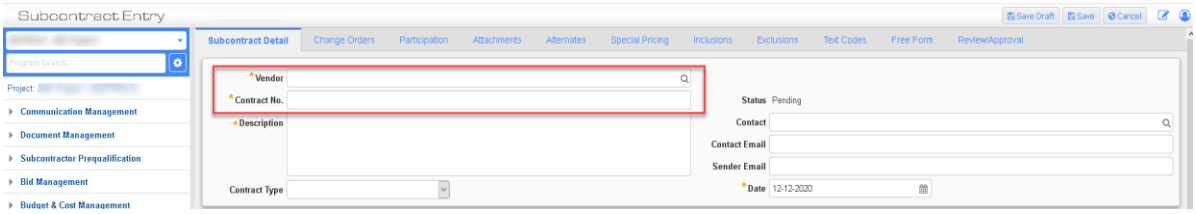
In Subcontract Entry, the Contract Number field has been placed *after* the Vendor field to resolve the issue faced by users where, when a mask is set with the Override setting, if the user entered a subcontract number, it was later overwritten by the subcontract number created from the mask after the vendor was selected, without the user realizing until the subcontract was saved.

With the Vendor field first, the subcontract number from the mask is created after the vendor is selected, but it can still be overridden by the user before proceeding to the remaining fields and saving the subcontract record.

BEFORE:



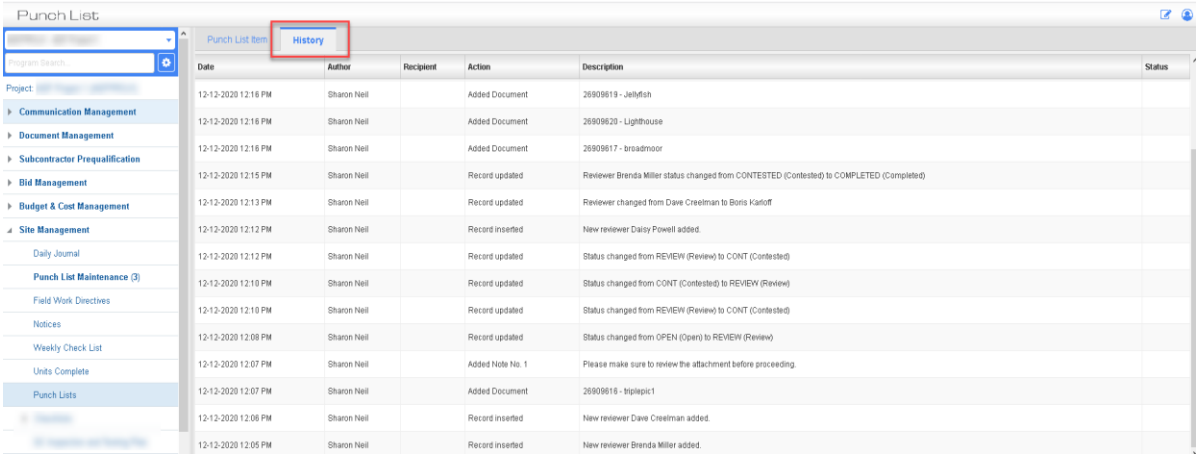
AFTER:



Punch List Item - Added History Tab (20.34666/PM-1098, PM-1184)

A History tab has been added to the Punch List Item object. It will show an audit of the following actions for the Punch List Item record:

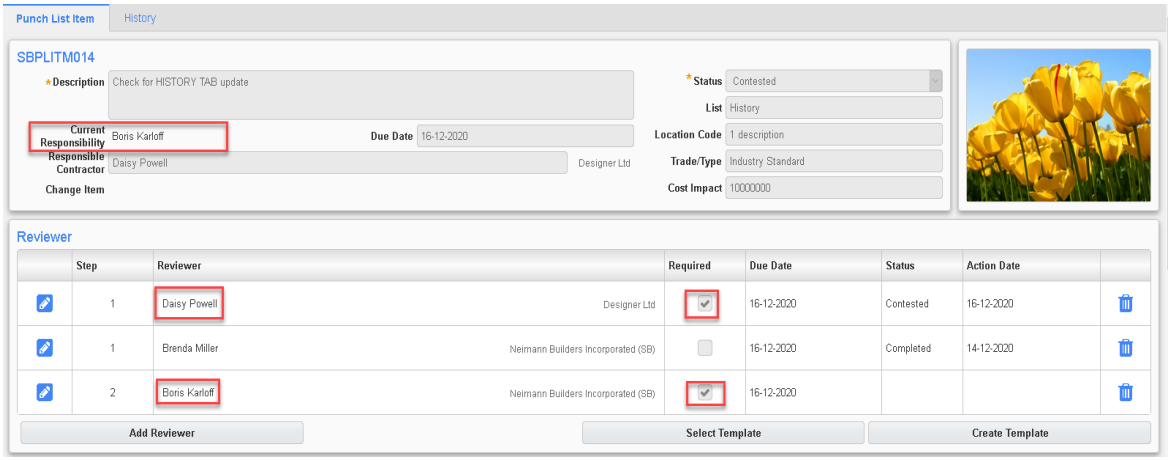
- Changing Punchlist item Status
- Changing Responsibility
- Adding additional reviewer
- Changing reviewer status
- Adding new document
- Adding new notes

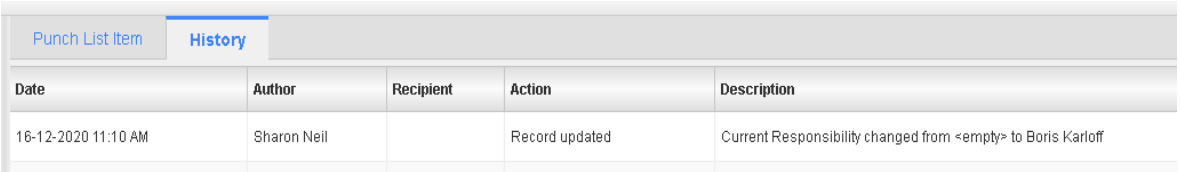


It also monitors Current Responsible Contact and the guidelines for that are:

a) the TO field of a Record

b) the Reviewer in the Reviewers Table closest to Step 1 who is both Required and Does Not yet have a Status and Action Date populated

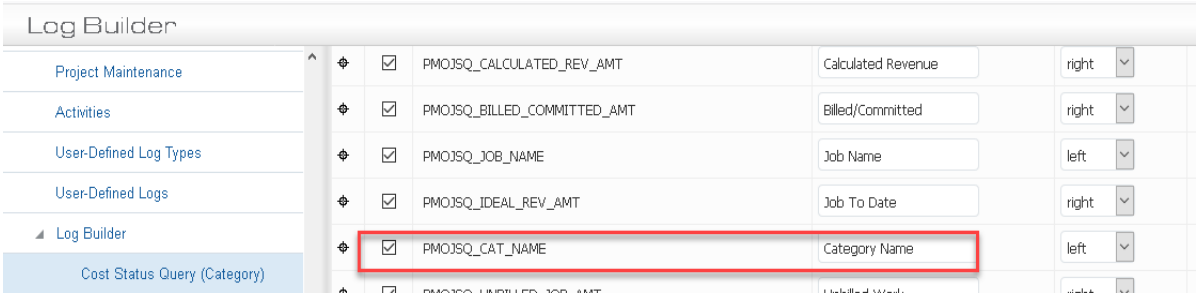




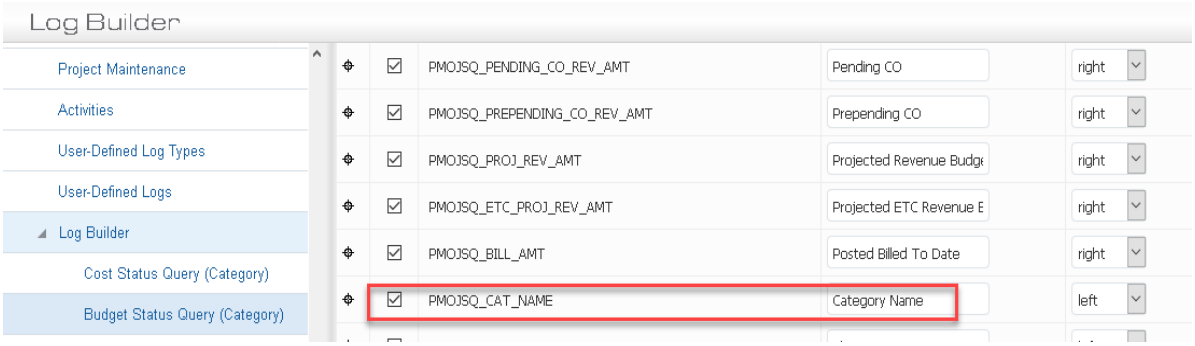
Cost/Budget Status Queries (Category) – Category Name Added (20.32174)

CMiC has added new column pmojsq_cat_name (for Category Name) to the Cost Status Query (Category) and Budget Status Query (Category) Logs.

Cost Status Query (Category):



Budget Status Query (Category):

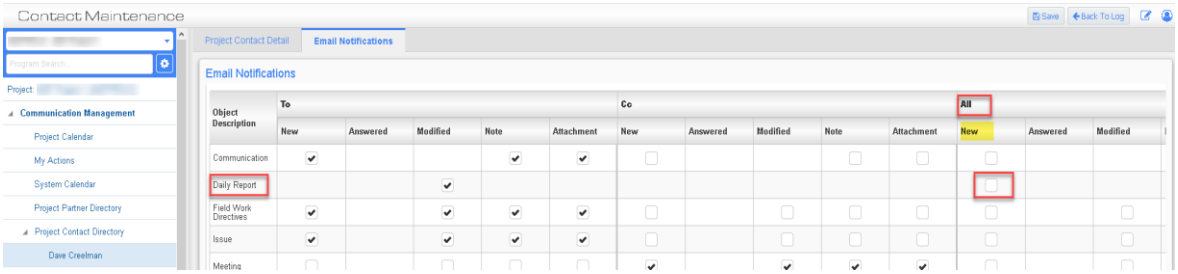


Daily Journal - "New" Flag added in Email Notification (20.32010/PM-349)

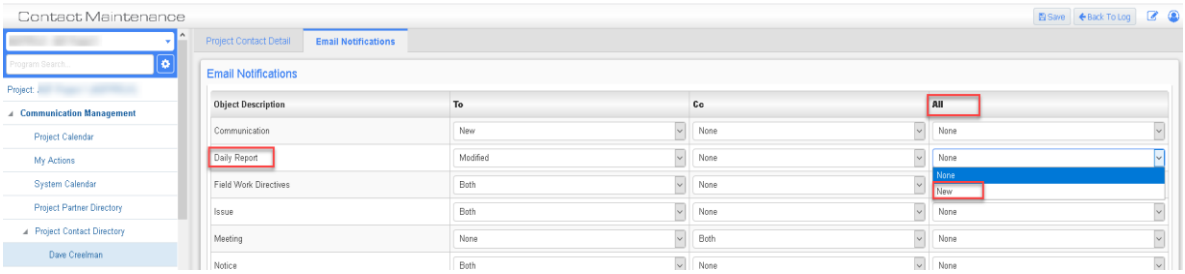
An Email Notification checkbox/drop-down option for "New" records has been added for the Daily Journal object, under the "All" section.

Any project contact user with this option set will receive a notification for all new Daily Journals that are Submitted on projects that that User is assigned to.

Checkbox option:



Drop-down option:



Email Notification for Replies to Notes (20.31941/PM-1029)

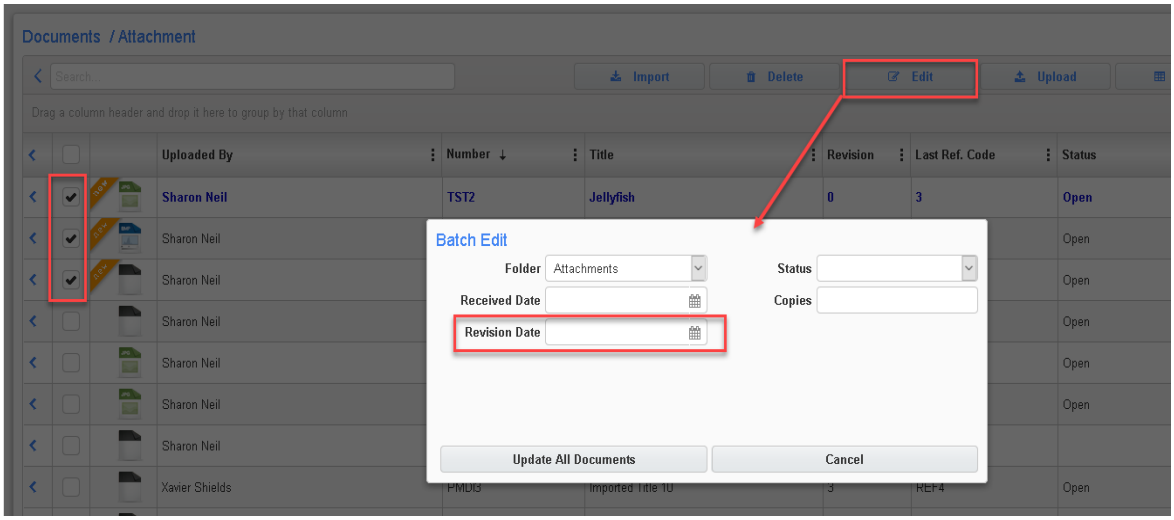
Modifications have been made to send an Email Notification (based on project contact Email Notifications settings) when a reply to a Note is made directly in the PM object (such as RFIs, Issues, Submittals etc.).

Documents Bulk Edit - Prompt Value added for Revision Date (20.33050/PM-1017)

The following enhancements have been made to the Batch (Bulk) Edit popup screen for Documents:

a) The former "Date" label has been changed to "Received Date"

b) Revision Date has been added:



PCI Markup Rules - Sorting Ability Added to the Details Section (20.33269)

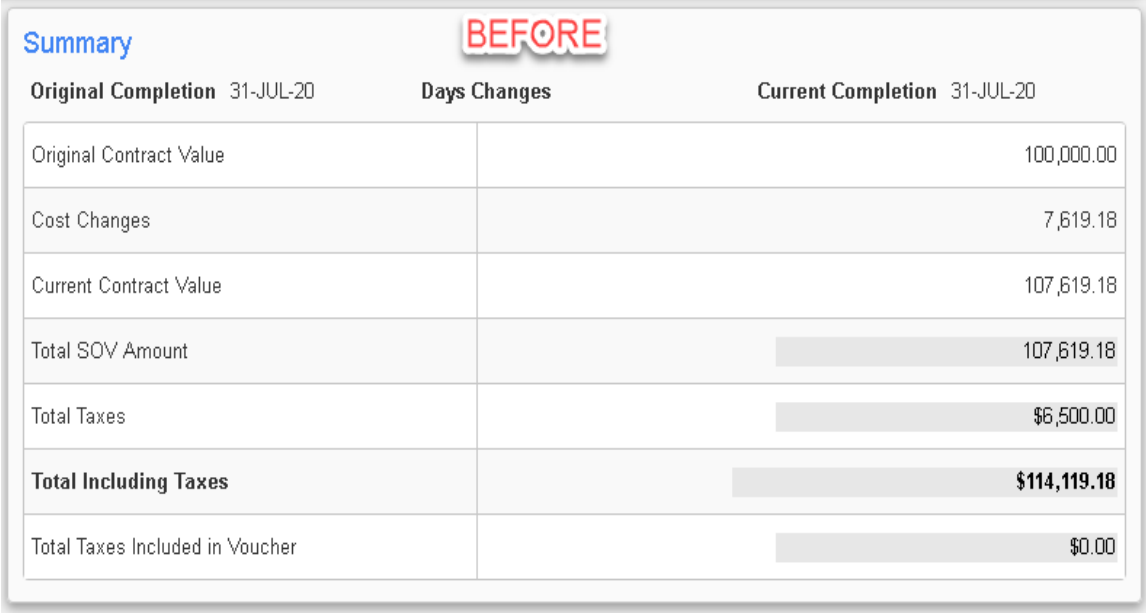
CMiC has added sorting ability to the details section of the PCI Markup Rules screen.

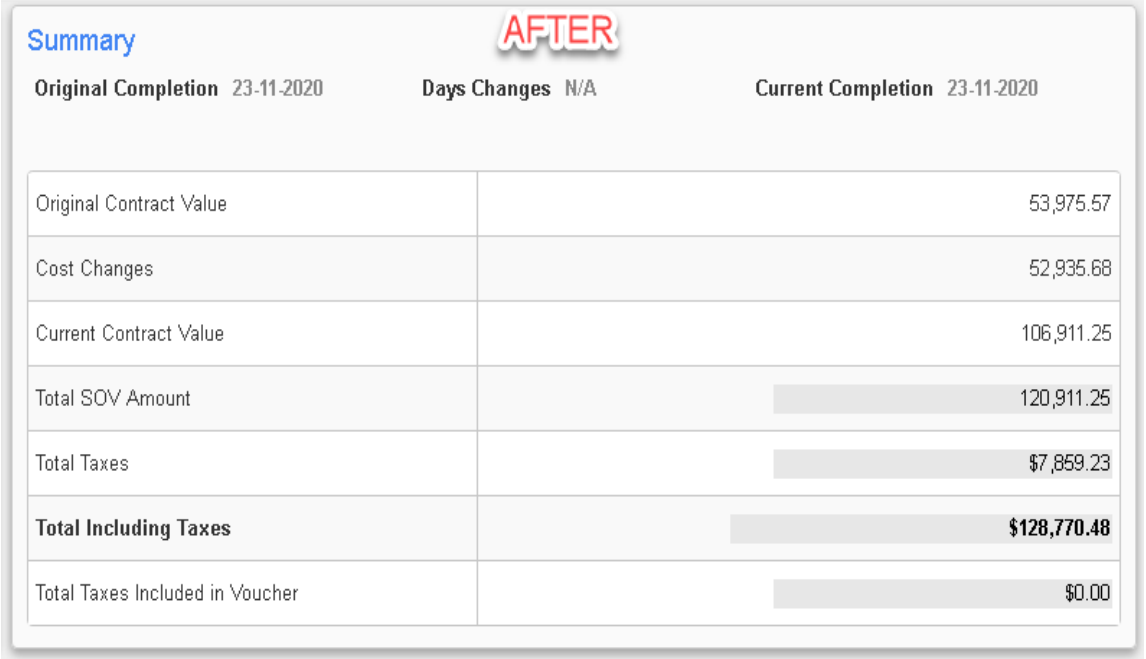
Sorting can now be performed on the Job, Phase and Category columns in both the “Calculate On” and “Allocate To” sections of the screen.

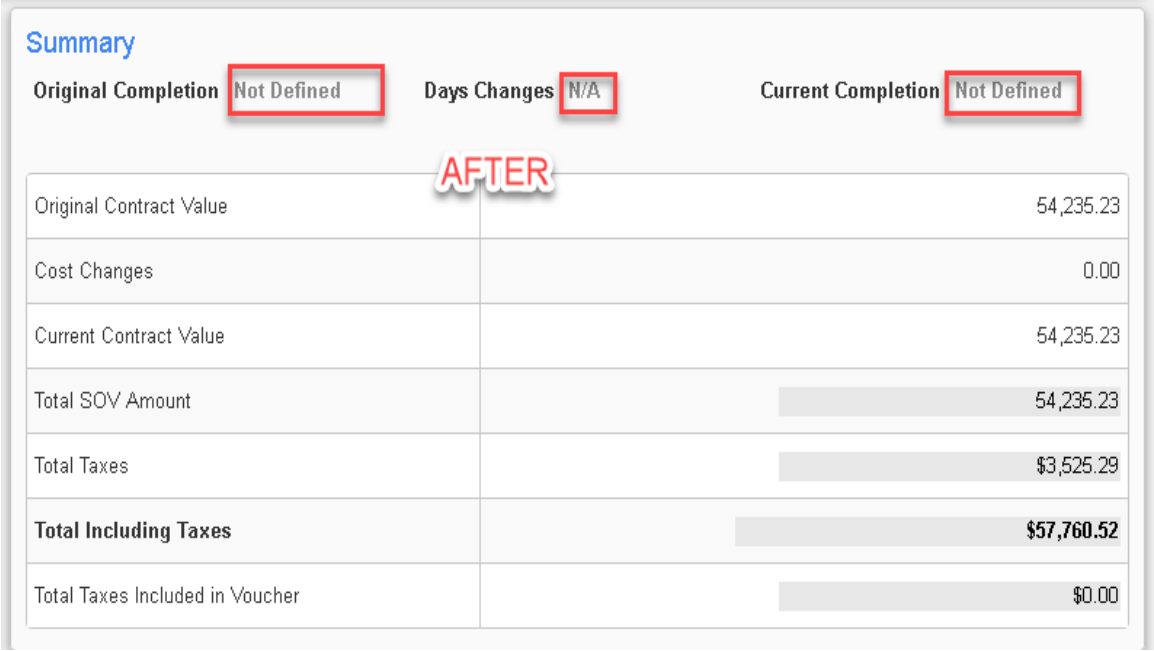
Subcontracts Entry - Summary Block Rework (20.30964)

The Summary block of the Subcontract Entry screen has undergone some rework.

- Added space to separate Original Completion, Days Changes, Current Completion from the table.
- Not-null values for the above 3 fields are shown in grey font color
- Null or blank values are now shown as ‘N/A’ and “Not Defined”


Summary
BEFORE
Original Completion 31-JUL-20
Days Changes
Current Completion 31-JUL-20
Original Contract Value 100,000.00
Cost Changes 7,619.18
Current Contract Value 107,619.18
Total SOV Amount 107,619.18
Total Taxes $6,500.00
Total Including Taxes $114,119.18
Total Taxes Included in Voucher $0.00


Summary
AFTER
Original Completion 23-11-2020
Days Changes N/A
Current Completion 23-11-2020
Original Contract Value 53,975.57
Cost Changes 52,935.68
Current Contract Value 106,911.25
Total SOV Amount 120,911.25
Total Taxes $7,859.23
Total Including Taxes $128,770.48
Total Taxes Included in Voucher $0.00



PSPDF Viewer Enhancements and Fixes (18.50703 - 86 – 104)

Enhancements

1) Saving Y coordinate of annotation using bottom value from XFDF in Pmannotations table.

2) Hiding the Create Revision option on old revisions of documents.

3) Opening up the Linked Documents (From PSPDF) revision in new window, so already loaded Drawing does not go away.

4) Modified the PSPDF Viewer program to display all annotation type except which has type 'location'. Some other team are creating TEXT, LINK, etc. so these types should be displayed in viewer.

5) Added logic to Hide/Delete annotation

6) Display type of object on tooltip after linking with annotation.

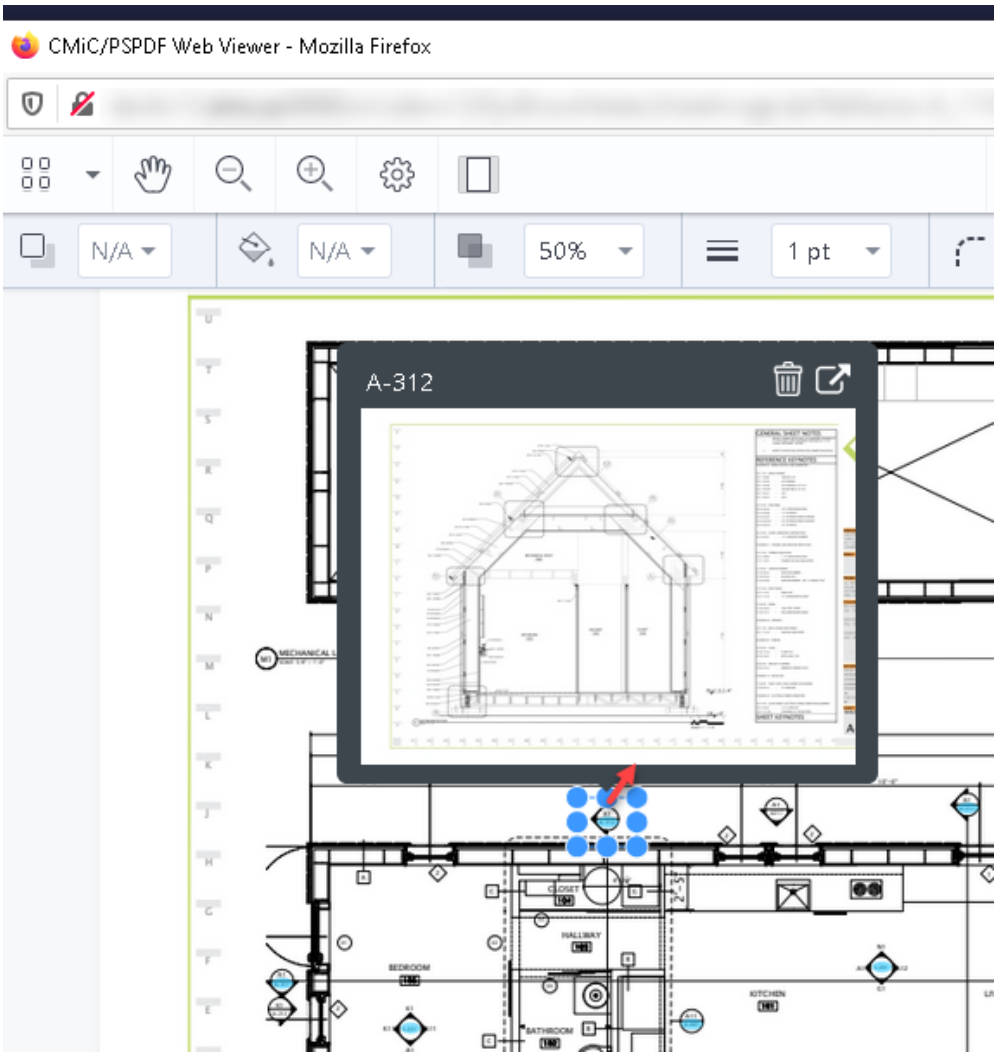
7) Replacing \t with blank string from data which is used for building tree view.

8) Allow user to remove (i.e. delete) annotation if it is not saved into database.

9) Added privilege to allow user Edit/Delete the LINK type annotation on PSPDF Viewer for Drawing Management; Added new tooltip design for LINK type annotations for Drawing Management.

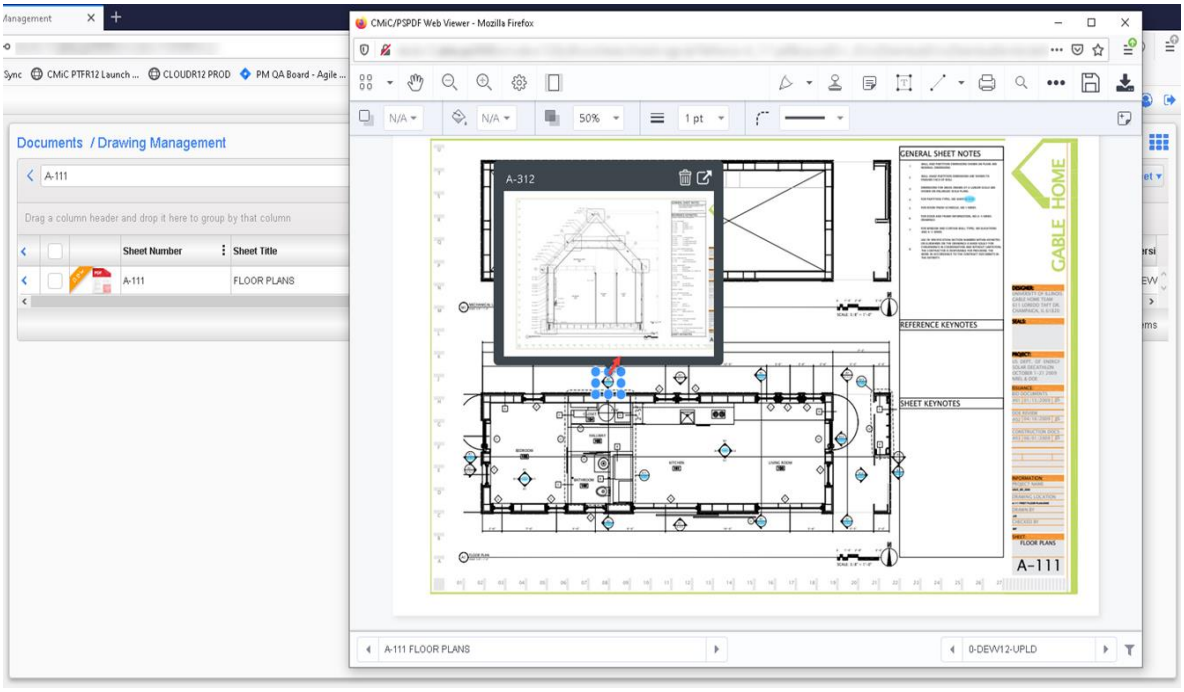
DETAILS

There is a new annotation type “LINK” created by a server-side process which updates the Pmannotations table and is being displayed on PSPDF Viewer. These are the elevation hyperlinks that are created during the Drawings Extraction job, representing the relationships (links) between drawings (documents).



a. In this new implementation, we have created a new tooltip for LINK type annotations such that when the LINK annotation is clicked there are no options like 'LINK', 'PUBLISH' or 'DELETE' as with other annotation, instead it shows a thumbnail of the document which is linked with that annotation.

b. There is an option to delete the linked document using the trash icon on it, and this trash icon is controlled by the Project Role privilege "**Administrate Detail/Elevation Hyperlinks**" under Drawing Management for a Project Role.



c. There is an option to open the linked document in the same or a separate window. If the **thumbnail** is clicked the linked document will be opened in the same window and when the **arrow icon** is clicked, the linked document will be opened in a new window.

d. If the user has the "**Administrate Detail/Elevation Hyperlinks** " privilege then the user can move the LINK type annotation around but when this privilege is off then the LINK type annotation is locked and the user will not be able to edit/move this annotation. It means the annotation toolbar will be inactive for any change.

e. Once the LINK type annotation becomes deselected by any action, the PSPDF Viewer toolbar will become active for normal operations.

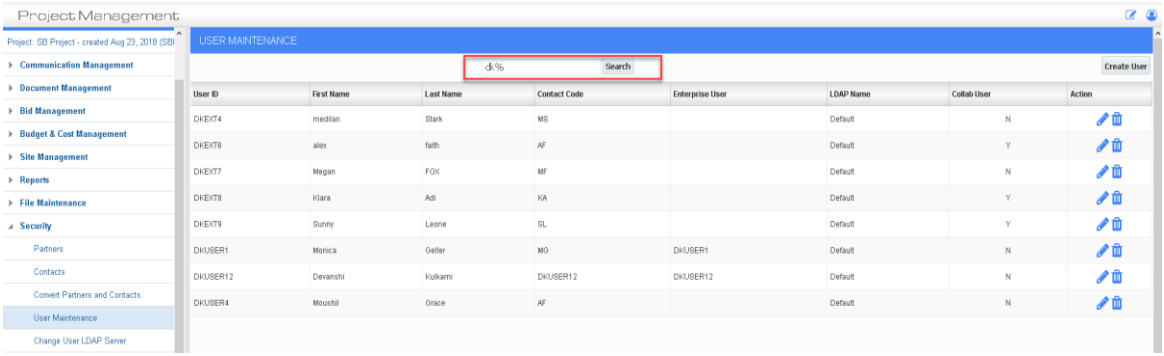
Defects resolved

- Fixed issue where, if annotation is hidden on a revision, it should not be displayed on next revisions.
- Fixed document disappear issue from Document Strip, incorporated check of document oraseq when checking if there is associated document is present for an object.
- Fixed error while creating annotation and setting color of text before clicking on page itself. (Removed console.logs)
- Fixed Publish annotation after linking with object.
- Fixed Publish button still being enabled after publishing annotation.
- Fixed annotation linking issue (Incorrect annotation oraseq being passed to backend routine).
- Fixed Filtering slowness issue for DRAWMGMT type documents with multiple pages. (Although PDF with multiple pages are not allowed for DRAWMGMT type)
- Fixed "Delete" key press issue - When an annotation is selected user cannot press Delete key and delete annotation from Drawing. We have a different mechanism to delete the annotation via [Delete] button displayed on tooltip.
- Fixed Backspace key issue when an annotation is selected.

User Maintenance – Search Feature (21.36771)

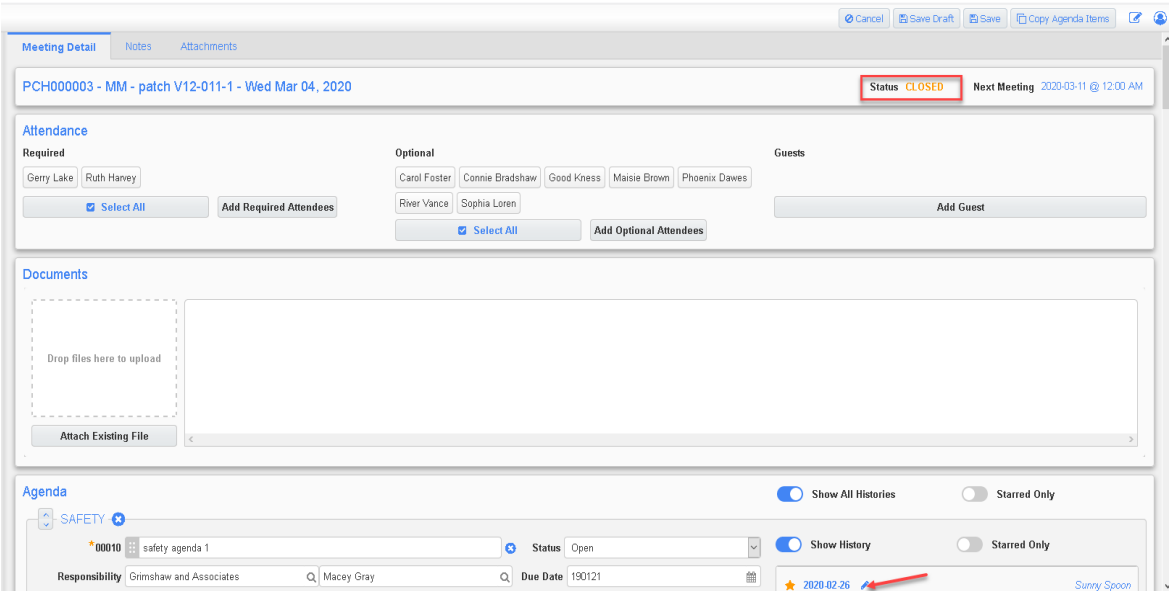
CMiC has implemented the Search feature for the User Maintenance screen in JSP.

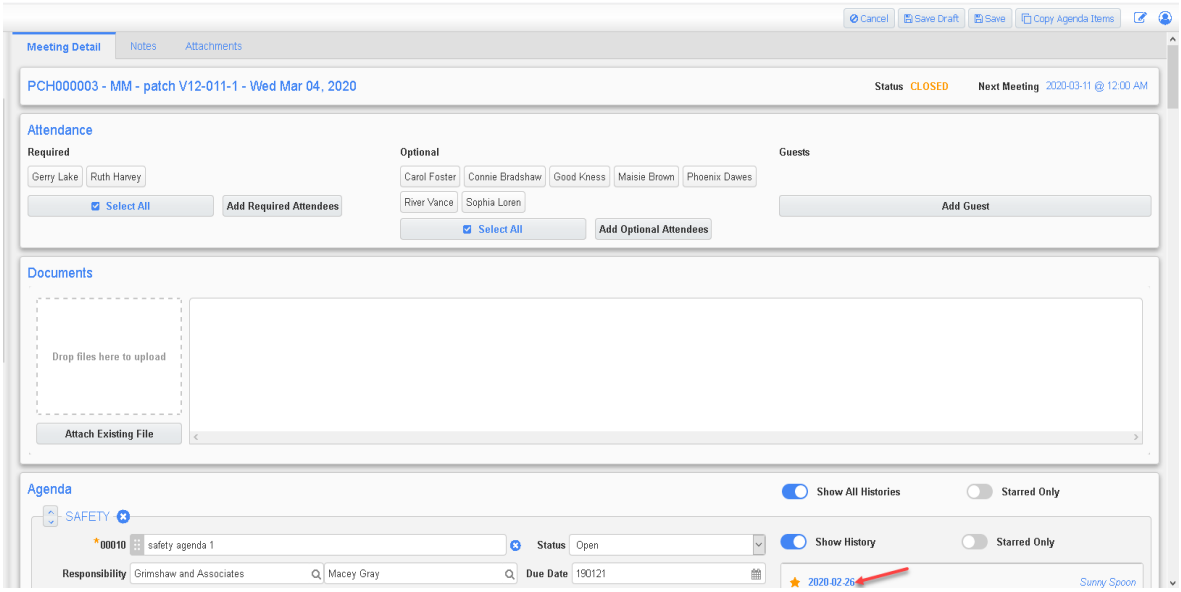
The search term entered can be in mixed, upper or lowercase, and can include the wildcard '%':



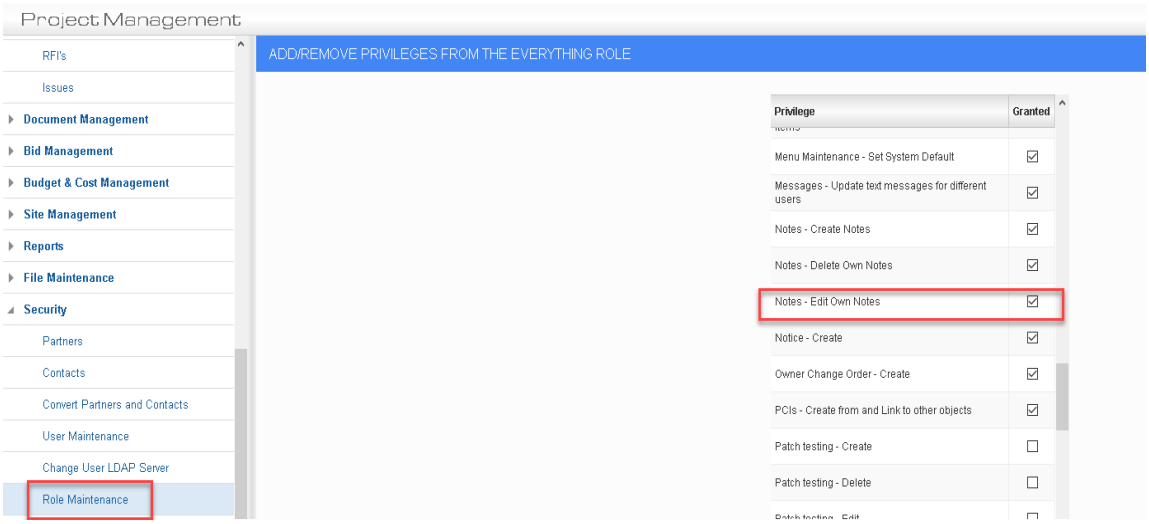
Meeting Minutes - Edit Capability for Historical Notes (20.35121,PM-1180)

When reviewing the History section in Edit Mode of an Active or Closed Meeting, the Historical Notes can be edited by clicking the Pencil icon near the Date. Also, the dialogue box is made bigger dynamically.





The security privilege "**Edit Own Note**s" determines if the Pencil icon is available or not.



Meeting Minutes – Create Next Meeting Link (19.70980, PM-1243)

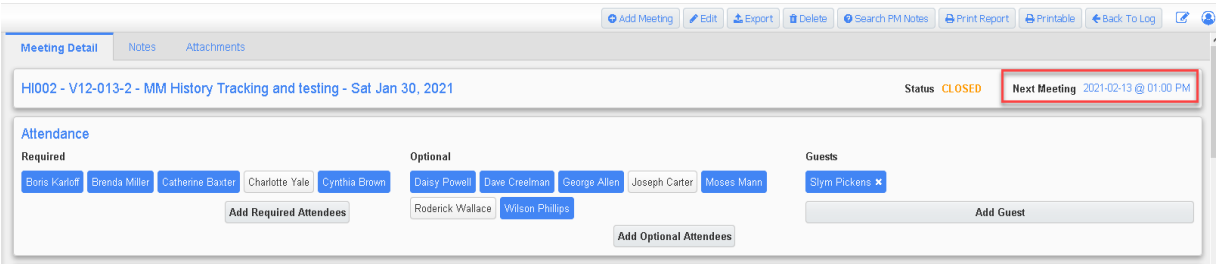
CMiC has applied changes to hide the [Create Next Meeting] button and create a link to Next Meeting (in the now Closed Meeting resulting from the action) after creating the Next Meeting.

This is to ensure that when the user is creating a follow-up meeting, only a single version of that follow-up meeting is created, not multiple branches of a meeting.

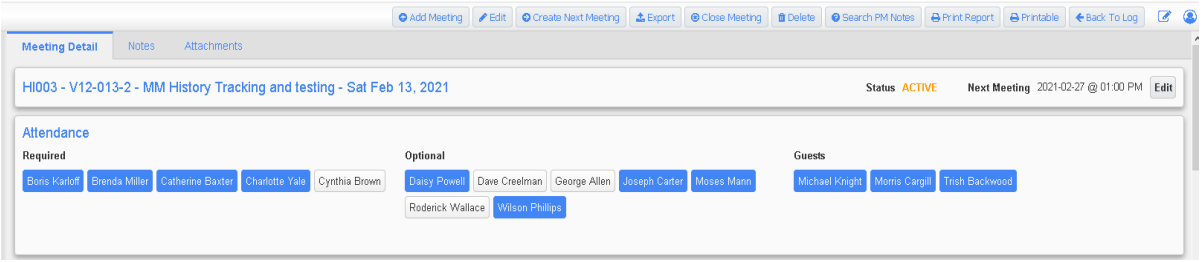
This also ensures that Item Numbering is consistent.

Meeting Minutes - Added [Next Meeting Info] link to CLOSED Meetings (19.70980, PM-1183, PM 1243)

For Closed Meetings, CMiC has added a link to the Next Meeting via the Next Meeting information so that users are able to view the Next Meeting Information and Edit it (with privileges), such as reschedule it if necessary.



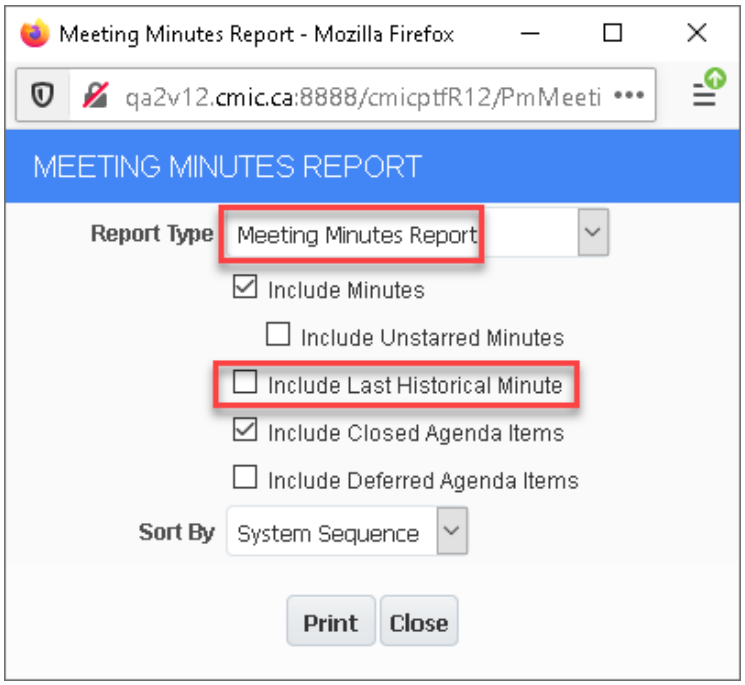
Clicking on the link will display the latest scheduled meeting:



Meeting Minutes Reports Enhancements (19.70980, PM-1109, PM-1181, PM-1222)

A new report option has been added to the Meeting Minutes Report printing box.

The new option is “Meeting Minutes Report” (report code = PMMEET1000) and has a different set of parameters that go with it. The word “Note(s)” has been changed to “Minute(s)” as well.



The “Include Last Historical Minute” flag is now independent of the “Include Minutes” checkbox, for the Meeting Minutes Report (PMMEET1000).

The flag “Include Last Historical Minute” which was previously available for the Meeting Minutes (PM1000) report has been removed.

Sample report (PMMEET1000):

Supreme Utilitarian Selections

ADFPROJ1 - ADF Project 1
REVIEW of Meeting Minutes changes: testing meeting minutes
Thursday, May 28, 2020 12:00 AM

Attendees		
Attendee Name	**Company**	**Attendance**
Boris Karloff	Neimann Builders Incorporated (SB)	Present
Catherine Baxter	Stellar Utilitarian Systems	Present
Charlotte Yale	Garmin Insurance Company (SB OATS BP1)	Absent
Kanute Cole	Marksman Security Ltd.	Present
Brenda Miller	Neimann Builders Incorporated (SB)	Absent
Laurence Olivier	Sentinel Logistics Company	Absent
Gideon Mason	Supreme Utilitarian Selections	Absent
Molly Parker	Supreme Utilitarian Selections	Absent

Agenda:

00001: **item1** entered by **Sharon Neil** **Status: Open**

Attached schedule was reviewed in detail. Edits include: 16. well will be complete 6/28 17. Storm tank should be set 6/29 19. Xcel work scheduled for week of 7/9 39. Fermenters nowscheduled to arrive 7/5 or 7/6. Still the week of 7/9. 42. Painting will start week of 7/2. 49. Elevator install start 7/5 62. Toilet wall and rough in extend to 6/29.

HISTORICAL MINUTES:

2020-05-14 entered by **Sharon Neil**
test

2020-01-27 entered by **Sharon Neil**
add meeting item - 1

how do you get the 2nd

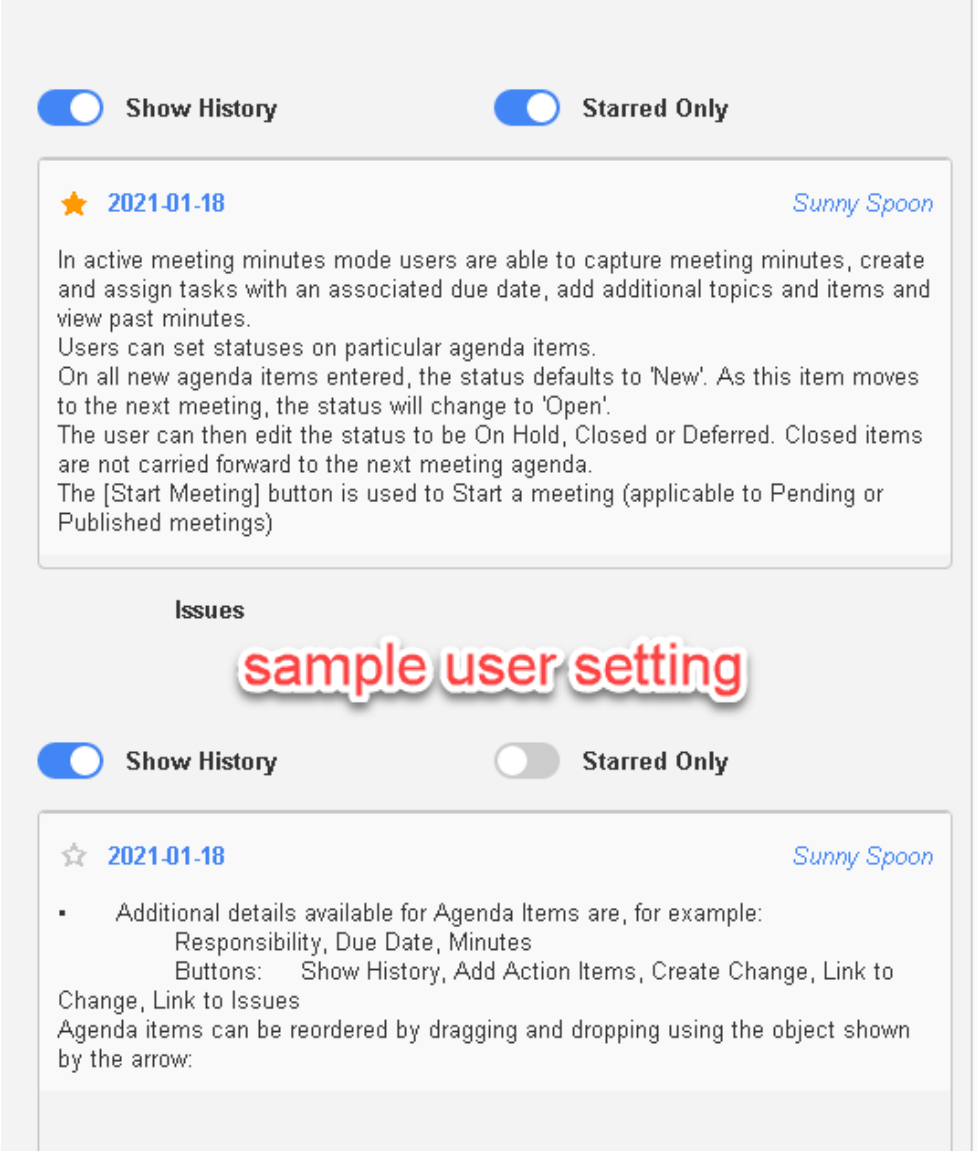
Review for Meeting Minutes

Next Meeting Information

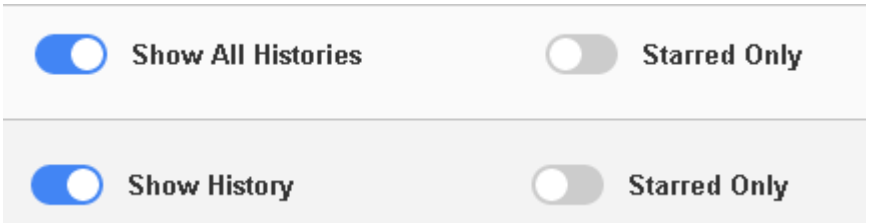
Meeting Date:	**Thursday, June 4, 2020**	**Start Time:**	**05:11 PM**
Subject	**testing meeting minutes**	**End Time:**	**10:22 AM**
Location			

Meeting Minutes - Save State of the Show/Hide History and Starred Only (19.70980, PM-1106, PM-1219)

When the user is using the Historical section of the Meeting, CMiC will be maintaining the toggle states of the switches according to the user's changes during the navigation between view/edit modes.



Once the user leaves the record and returns to the meeting, it will open again with the default view – that is, Show All Histories and Show History as depicted below:

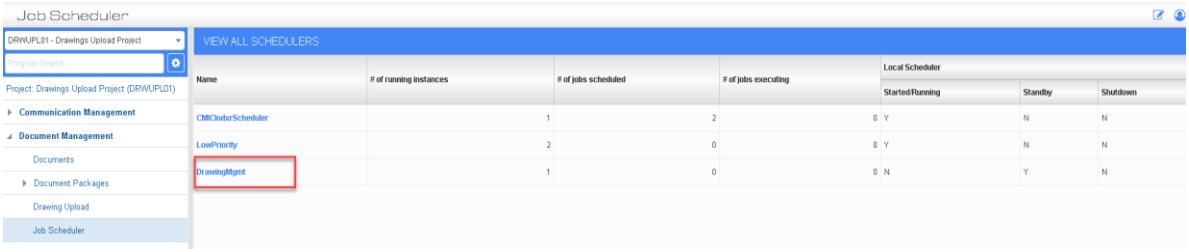


Web Based Drawing Extraction and Upload Tool (20.28379, 20.34253, 20.24744, 20.33968, 20.30177)

A: Quartz scheduler DrawingMgmt for Drawing Sets – 20.34253

a) CMiC is no longer using the LowPriority scheduler for [Download Drawing Set] tasks, but now includes the latter under the new quartz scheduler "DrawingMgmt" for Drawing sets;

b) The Drawing set upload, link and cleanup processes are all run using the DrawingMgmt quartz scheduler.



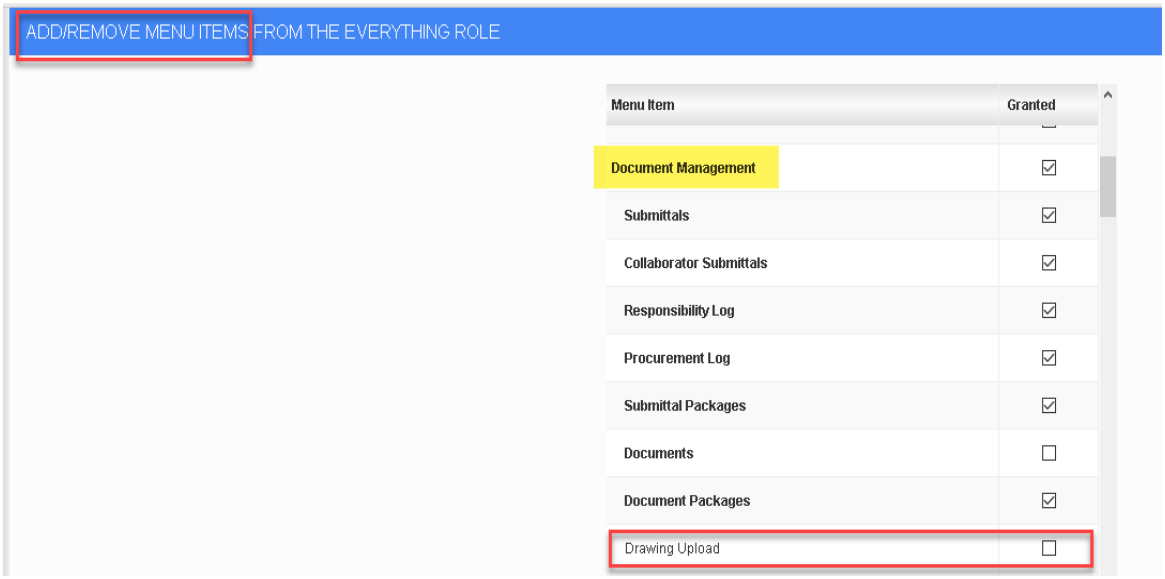
B: The Web-based Drawing Set Upload

CMiC has introduced a new menu item “Drawing Upload” in the PM JSP tree-view which can now be used to upload drawing sets and extract them into their individual sheets with embedded links intact.

1. Security Setup

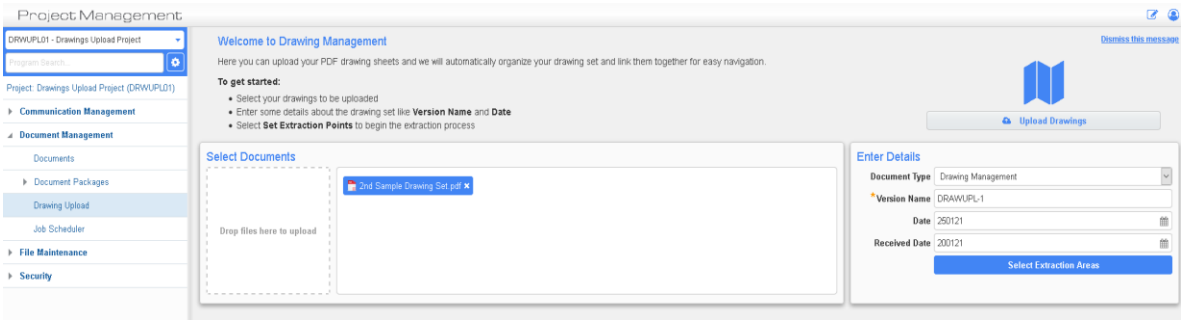
Security setup for access to the new menu item is required and any custom tree-view will need to be modified if access is desired.

From the PM JSP tree-view, the path to take is: *Security > Role Maintenance > Assign Menu Items*



2. Drawing Upload Process

Click the Drawing Upload menu item on the PM JSP tree-view after security setup, to display the upload screen:



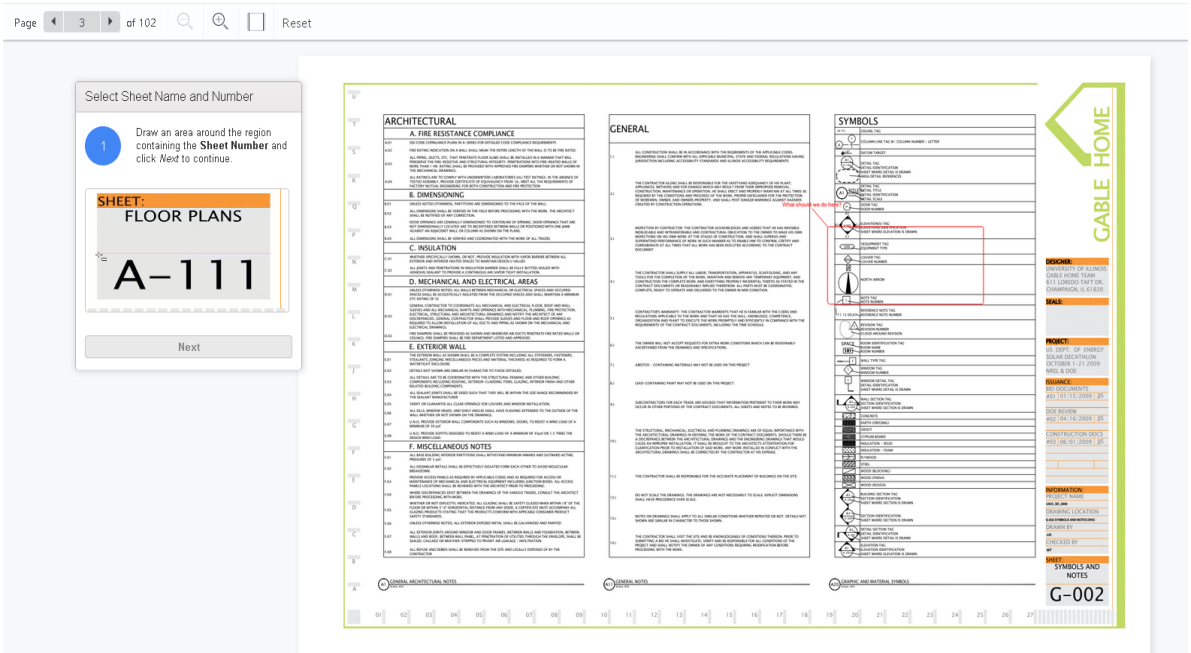
The screen displays an informational message that tells what can be done. The message can be dismissed to give more space to work with but will be re-displayed in new browser sessions.

The user uploads drawings (using either [**Upload Drawings**] button or drag + drop/clicking on the "Drop files here to upload"), enters Version Name, Revision Date, Received Date.

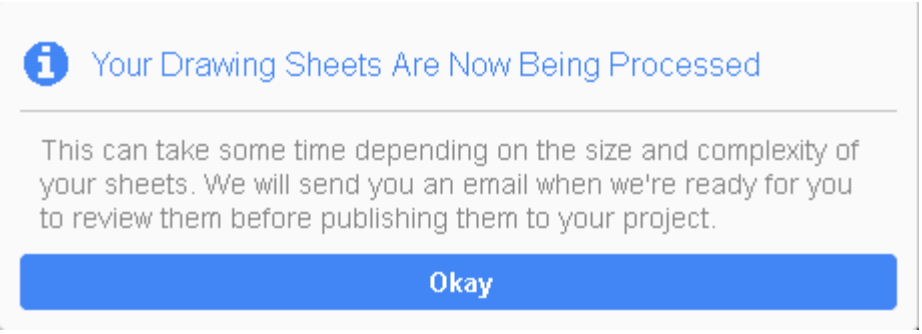
One or more drawing sets can be uploaded at the same time as long as the total upload size is within the upload size limit permissible for the user/server.

Next, the user clicks the [**Select Extraction Areas**] button.

The Drawings are scanned and the user must then select the Sheet Number and Sheet Name regions, and click [**Process**] – displayed after the Sheet Name region is selected.

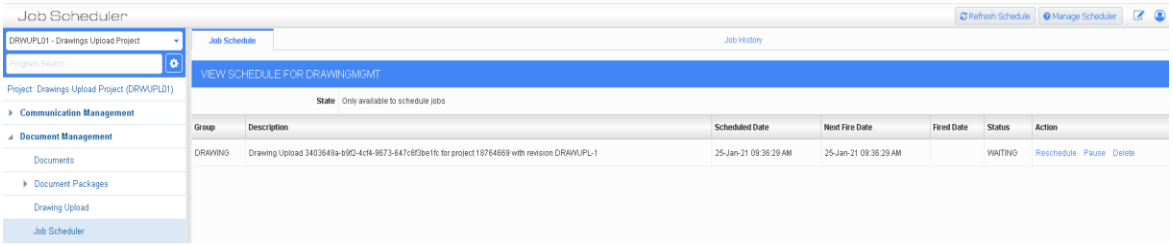


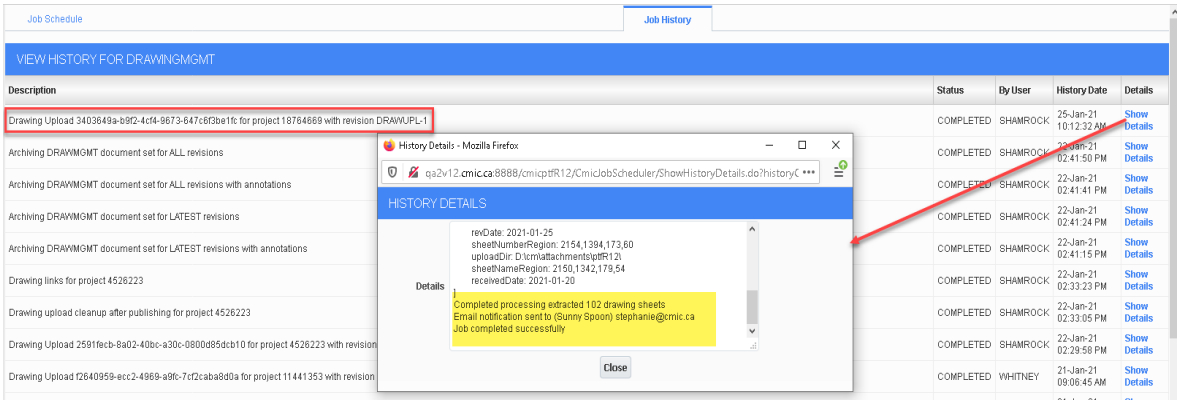
A message is displayed that the user will be notified after the sheets are extracted:



Click [**Okay**] – the user is returned to the Drawing Upload screen where the previously entered data has been wiped out to make way for additional uploads.

At this point, the user can use the Job Scheduler menu item (assuming security access) to monitor the progress/status of the extraction job (scheduler = DrawingMgmt – Job History tab when the job is completed):

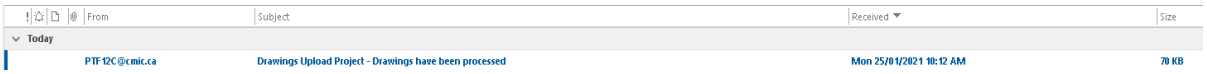




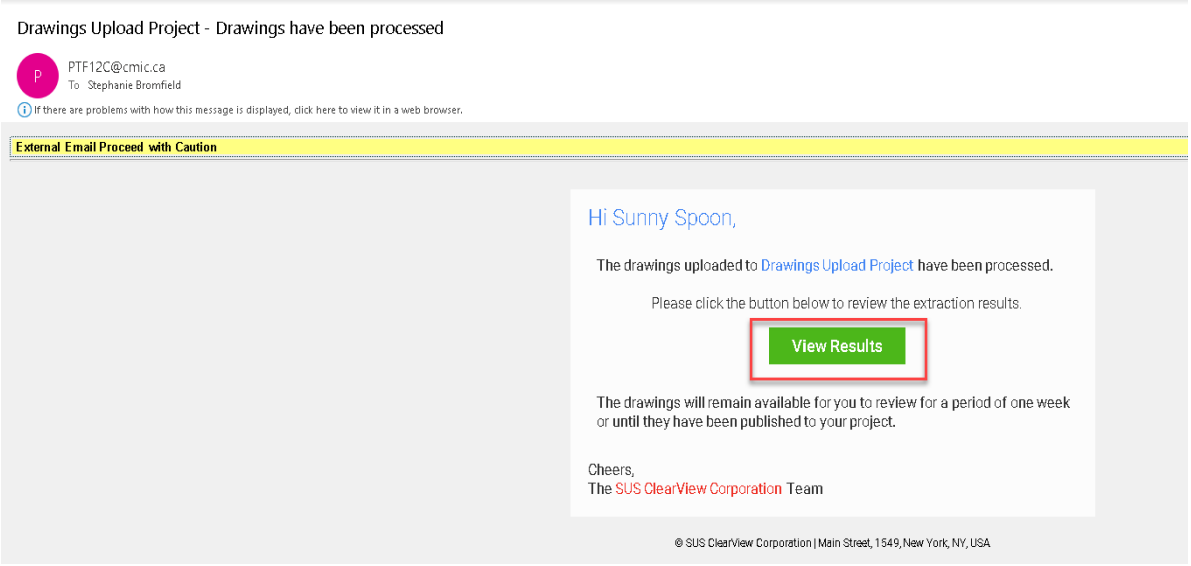
When the job is completed successfully, an email notification is sent to the user's email address. If no email is received, the user should check the History tab of Job Scheduler job DrawingMgmt (as shown in the screenshot directly above).

If the Status is FAILED, the [**Show Details**] popup window will give details of the failure.

Email received from successful job:



From the email received, the user clicks the [View Results] button to review the results of the extraction (logging into the CMiC system may be necessary if no CMiC system browser sessions are active on the user's screen).

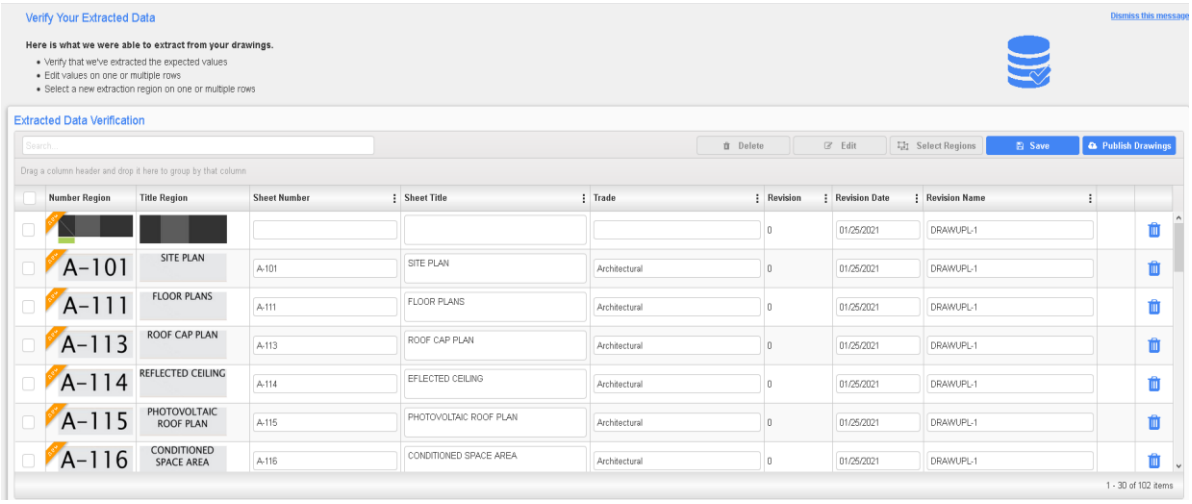


The drawings are accessible from this email via the [View Results] button for one week or until they are published to the project.

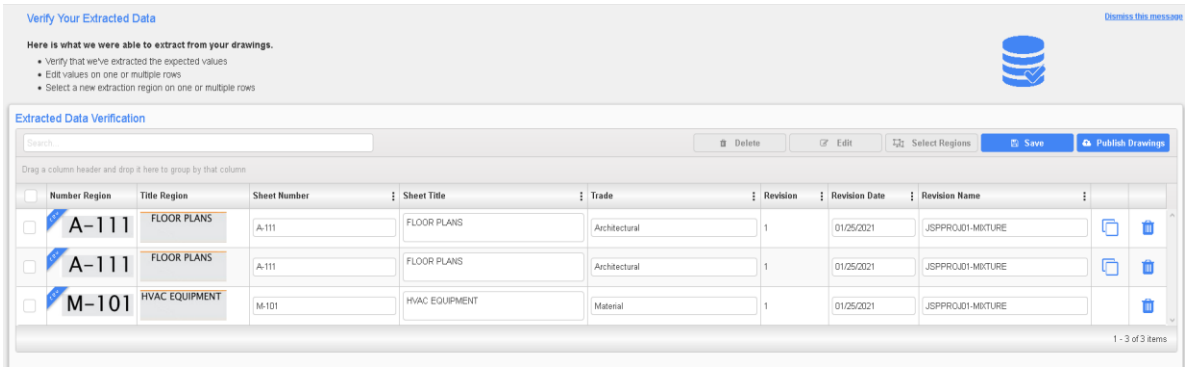
3. Extraction Verification

The user accesses the extraction results grid:

Example 1

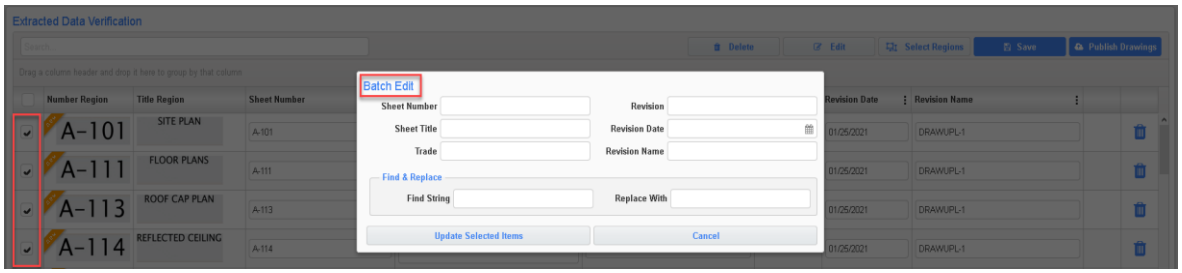


Example 2

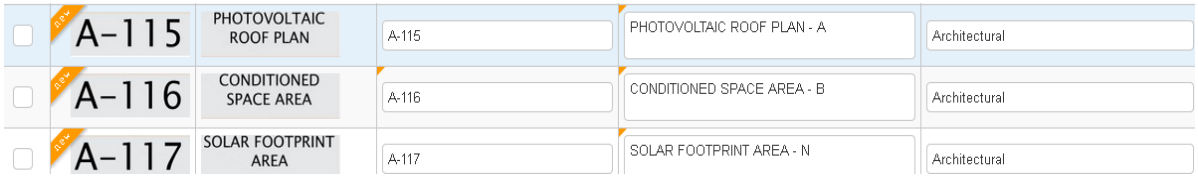


- on the Extracted Data Verification grid, the user can select a new Extraction Region for a selected sheet if needed other cleanup activities can be carried out:

  Edit – select the checkbox to the left for mass Editing (**Batch Edit**) or make changes directly to individual records:



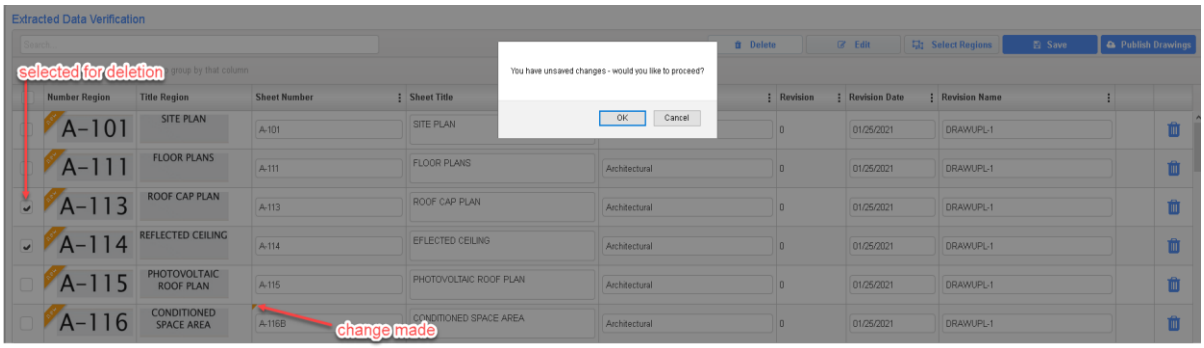
  Unsaved individual Edits are evidenced by a small yellow triangle in the upper left corner of the field:



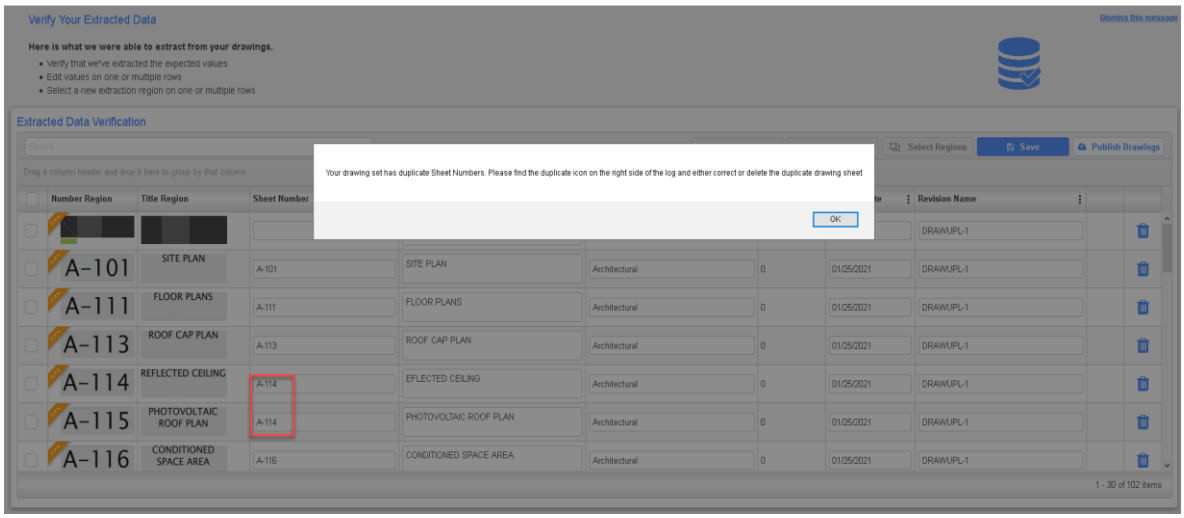
  Batch Edit also offers "**Find and Replace**" for/by a given string.

  Delete - (by first selecting the sheet (s) using the checkbox to the left (for mass deletion) or using the trash bin icon for individual deletions.

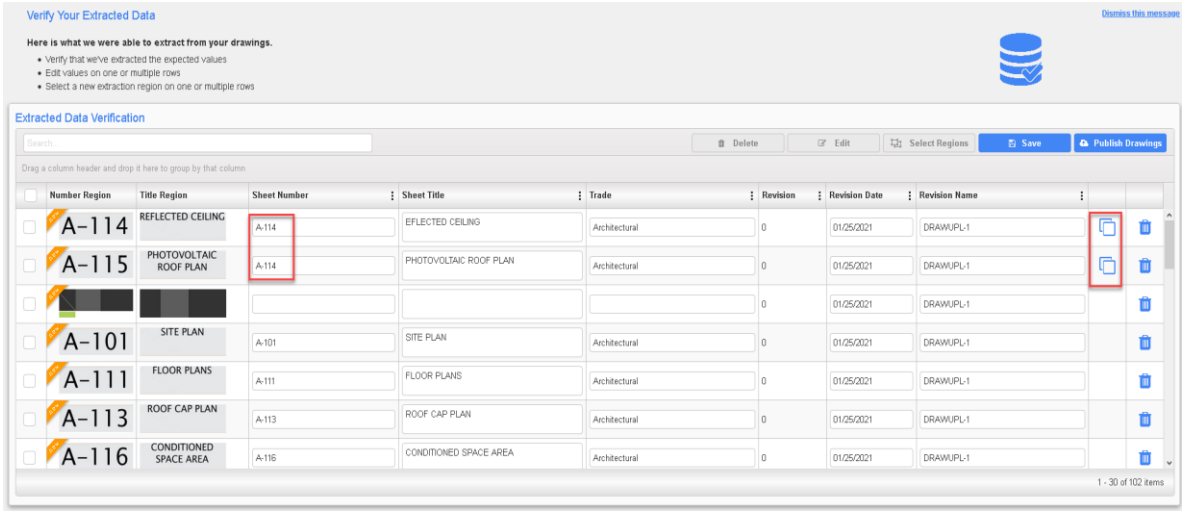
  If the user attempts to delete records but also has some unsaved changes, an alert will be displayed:



- Duplicated Sheet Numbers are not allowed. If the user attempts to publish with duplicate Sheet Numbers, a message will be displayed:



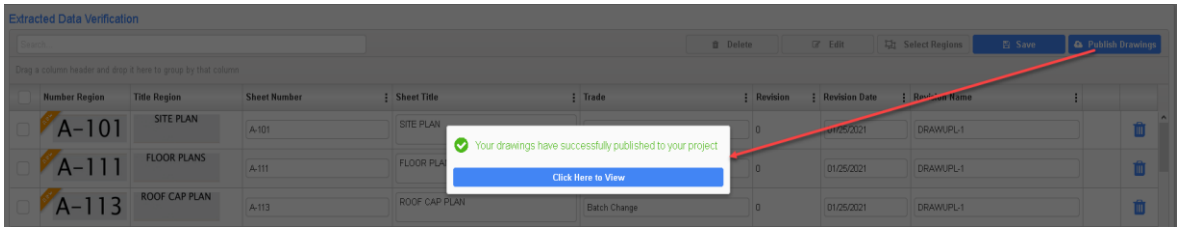
On refreshing the screen, the duplicates will be highlighted by the icon:



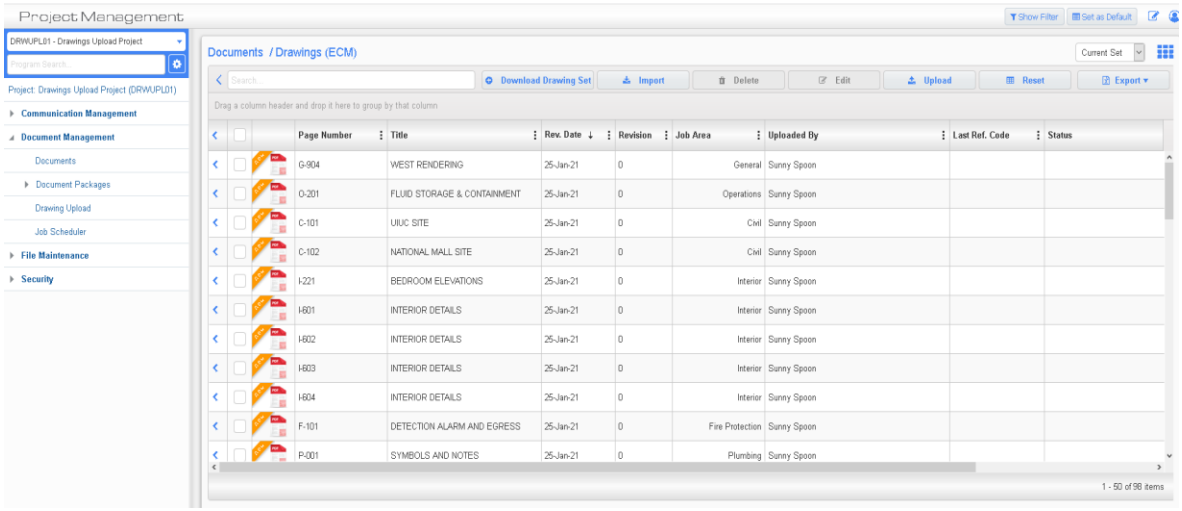
- The user can also sort, group by
- Changes are saved using the [**Save**] button.
- Use the [**Publish Drawings**] button when all changes are committed and ready to be Published to the Project.

4. Publish Drawings

When the [Publish Drawings] button is clicked an initial message is displayed saying that the drawings are being published. Once completed, a second message is displayed:

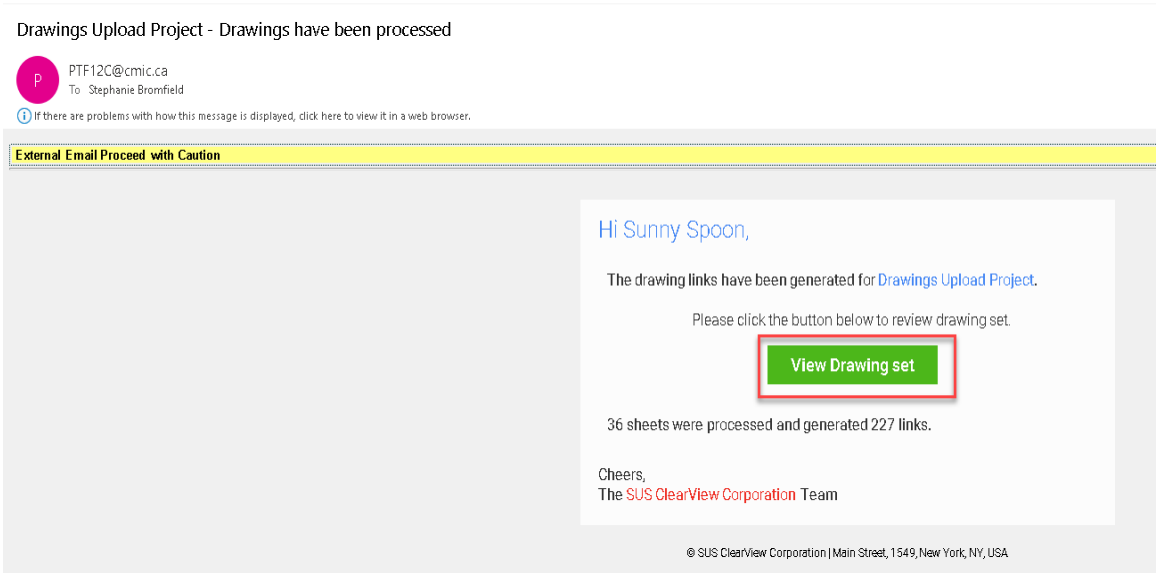


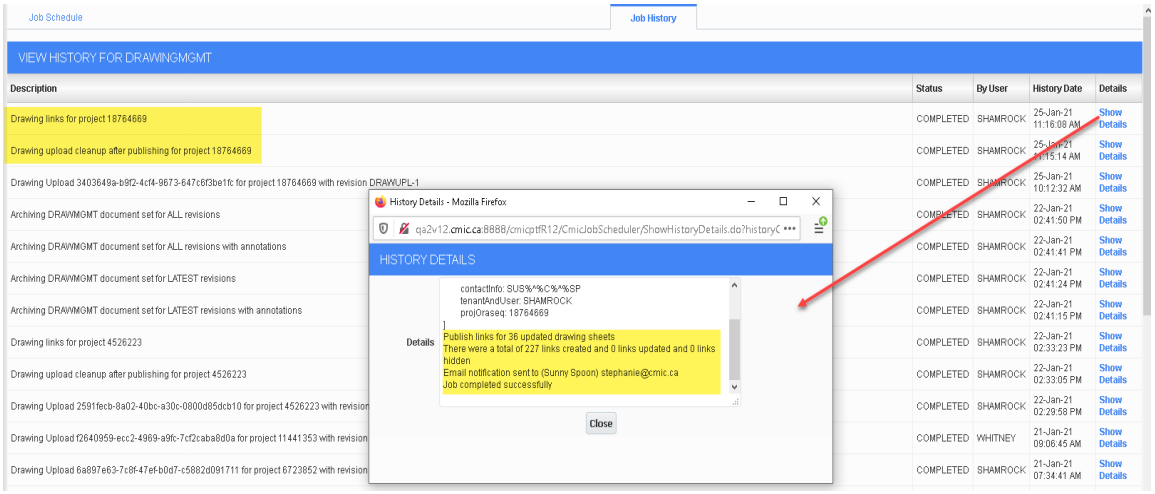
- Published records are in the Drawing Management documents folder.
- Thumbnails of PDFs can be viewed.



5. Email Notification of Sheets Processed and Links Generated for Drawing Set

Another email is also sent to the current user's email address, after publishing. If no email is received, check the History tab of Job Scheduler job DrawingMgmt:



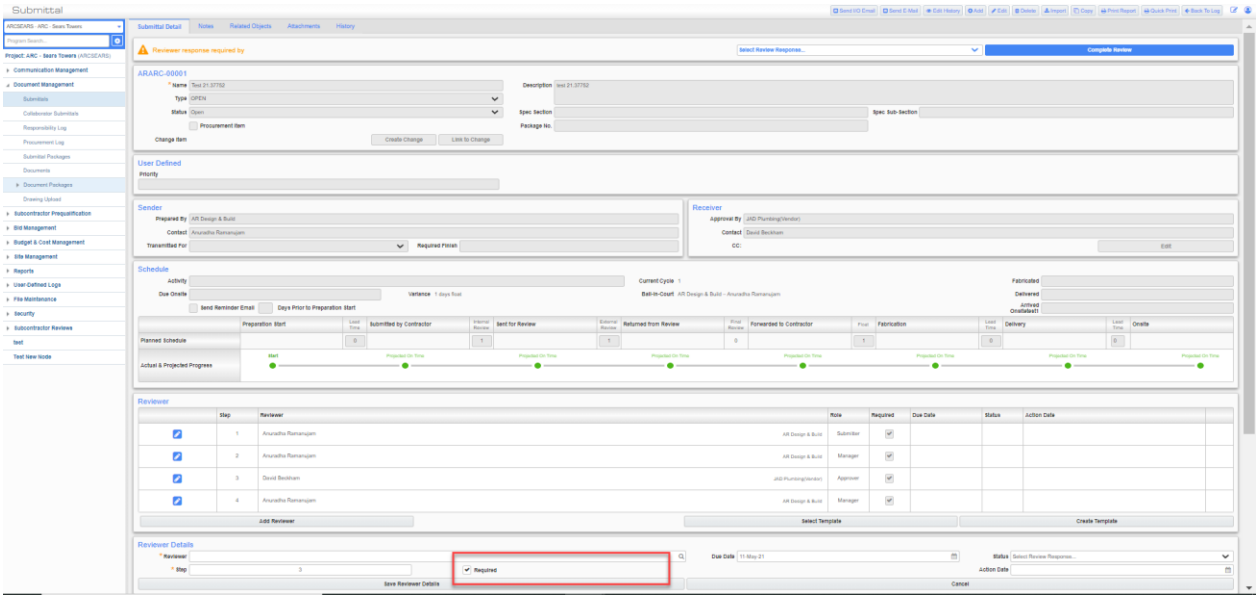


Project Maintenance - Addition of 'Sync Data' Button (21.37090)

The [**Sync Data**] button has been added to the Data Exchange and Pay Request tabs of the Project Maintenance screen. This button will do the initial push of system level data and setup information needed to be able to run Data Exchange or Pay Request applications. The button will not be visible until projects are published. Once a Sync is effected with the [Sync Data] button it becomes disabled after the data push is complete.

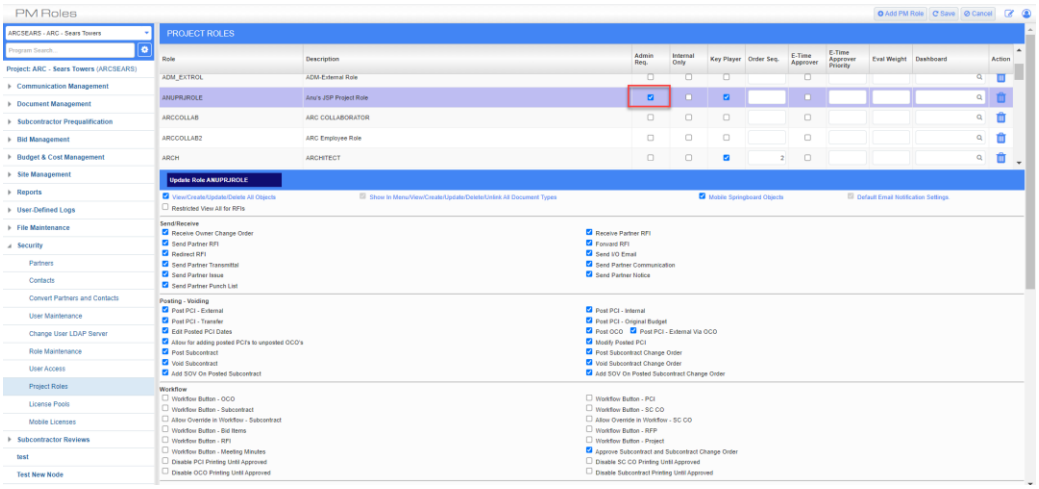
Reviewers - Default Flag for Required Reviewer (21.37752)

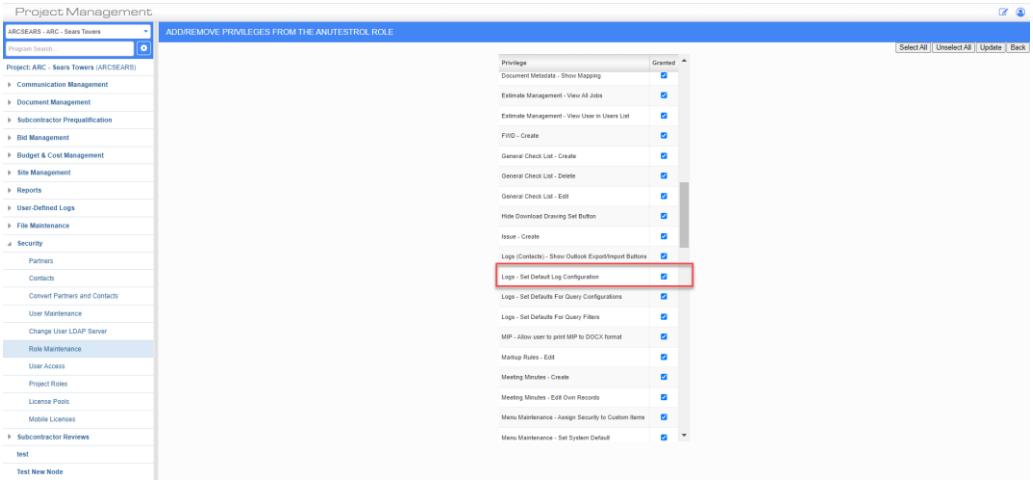
Reviewers - On the 'Add New Reviewer' window, the 'Required' flag is checked by default. This change is made to resolve the issue with non-Required reviewers holding up the review process.

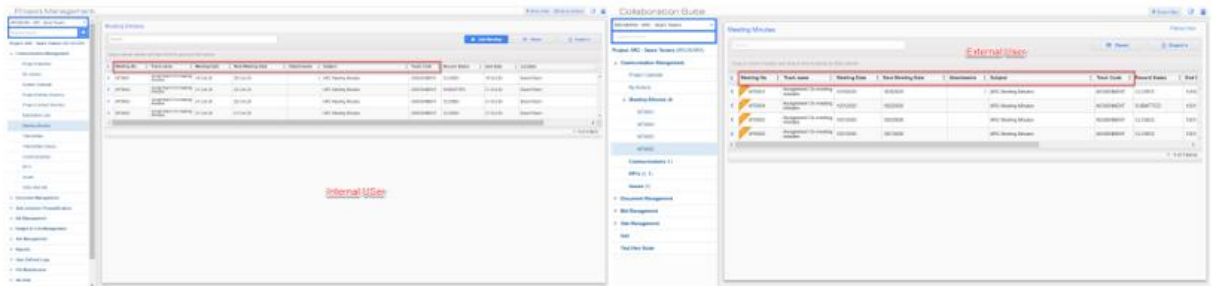


Logs – Set as Default no longer tied to “Admin” Role (21.39684)

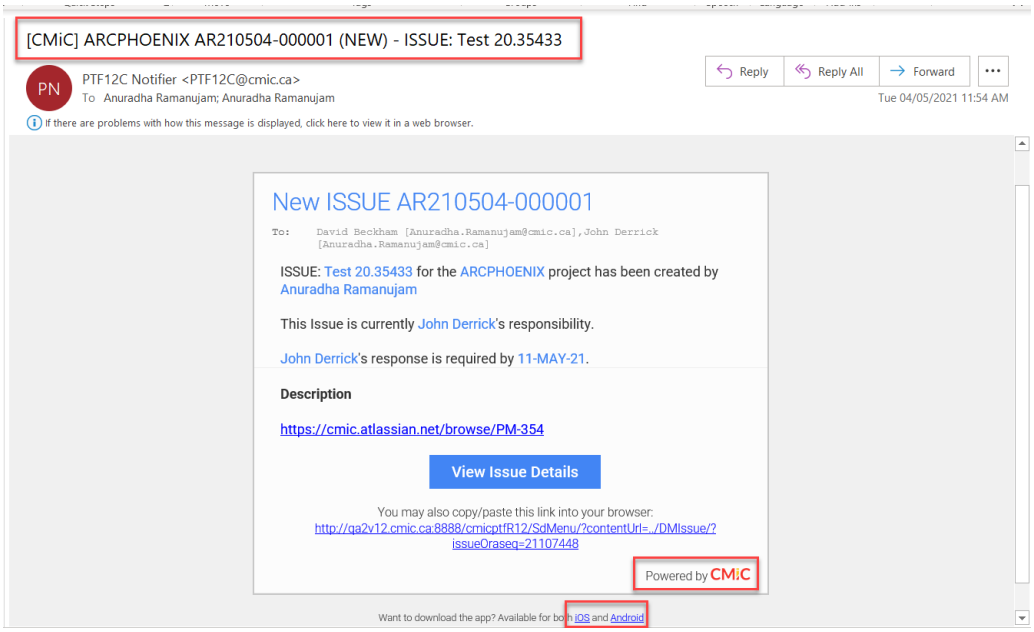
Logs - Removed the dependence of "Set as Default" button from the 'Admin' role. It is now controlled only by the privilege called "Logs - Set Default Log Configuration".







New PM Notifications - Email Template Enhanced (20.35433)



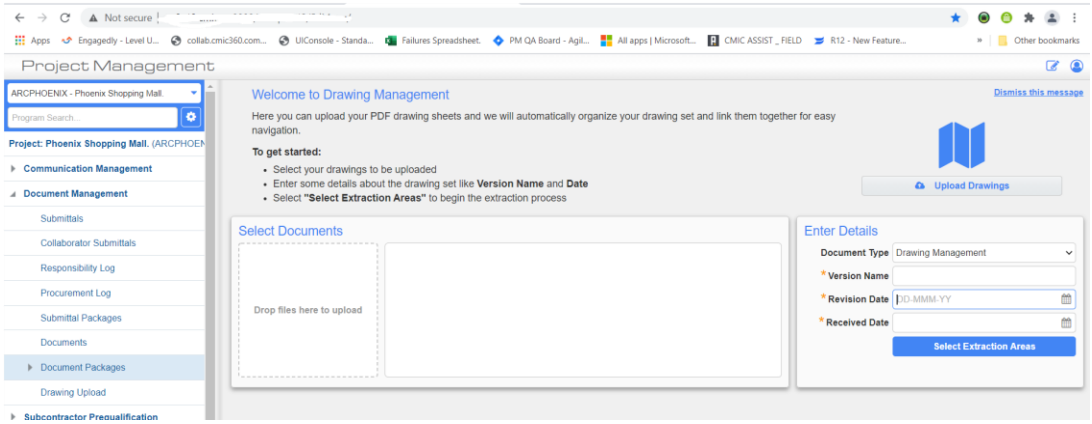
- PM Notifications for all collaboration objects like RFI, Issues, Communications are now in the **Template form** (New and Modified notifications).
- IOS and Android Links added.

- "Powered by CMiC" mark – has been added.

Drawing Upload - Revision and Received Dates (20.28379 - PM-1459)

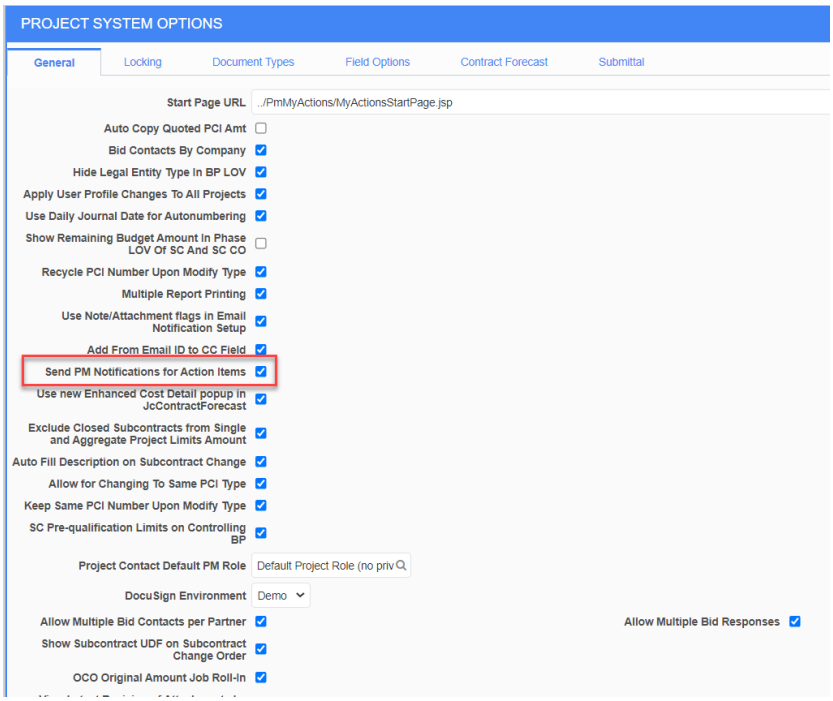
Drawing Upload – newly added features

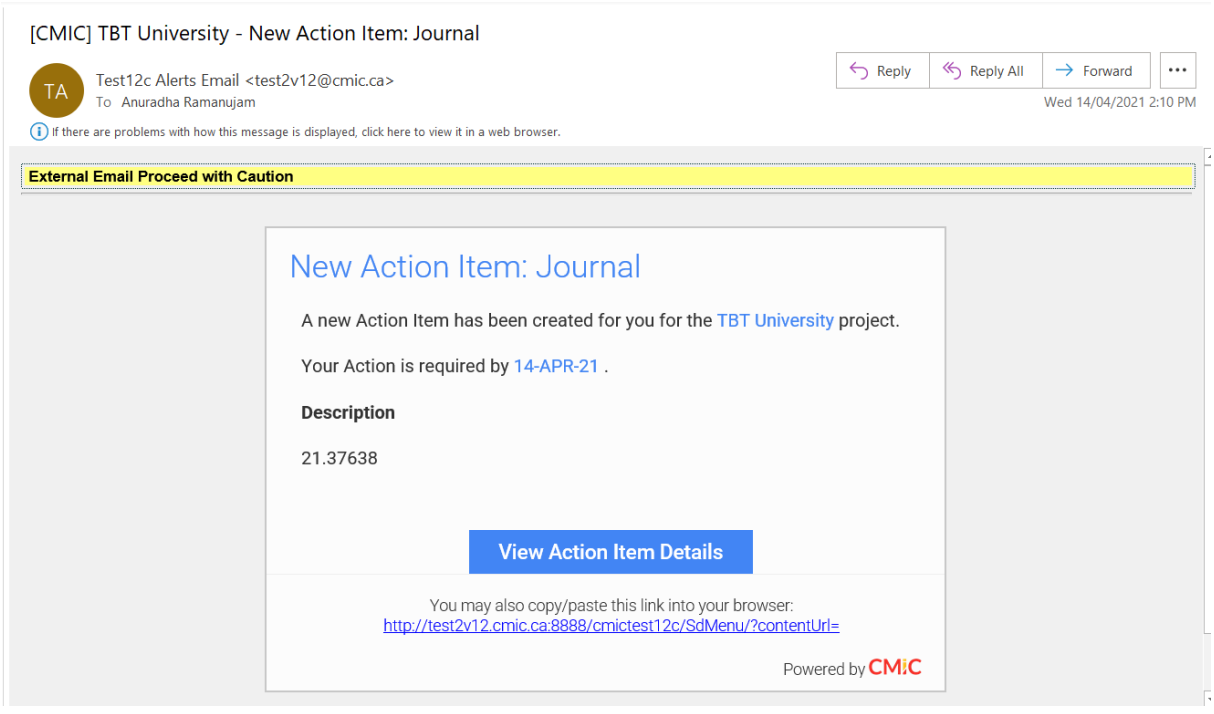
- Revision and Received Dates are now mandatory.
- Added Received Date to Batch update screen.
- When Date field is clicked, it will show a date format as a watermark (placeholder); populating PMDOCTRADESHEETNUM table with lookup data for all tenants.



Notifications for Action Items (21.37638)

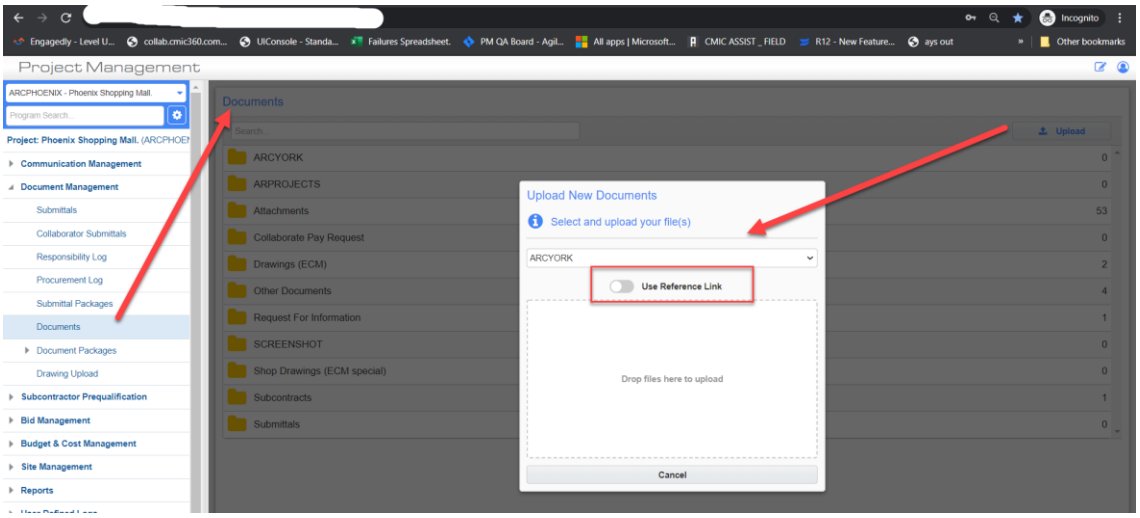
- Added a new flag "Send PM Notifications for Action Items" to the PM System Options.
- New Notification email in template form- the user receives an email notification in Template form with a URL link of the record.

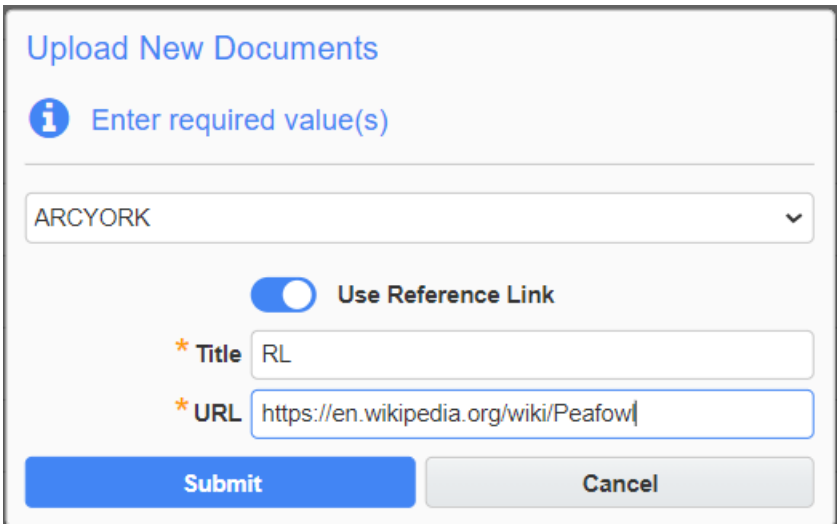

PROJECT SYSTEM OPTIONS
General
Locking
Document Types
Field Options
Contract Forecast
Submittal
Start Page URL
../PmMyActions/MyActionsStartPage.jsp
Auto Copy Quoted PCI Amt
Bid Contacts By Company
Hide Legal Entity Type In BP LOV
Apply User Profile Changes To All Projects
Use Daily Journal Date for Autonumbering
Show Remaining Budget Amount In Phase LOV Of SC And SC CO
Recycle PCI Number Upon Modify Type
Multiple Report Printing
Use Note/Attachment flags in Email Notification Setup
Add From Email ID to CC Field
Send PM Notifications for Action Items
Use new Enhanced Cost Detail popup in JcContractForecast
Exclude Closed Subcontracts from Single and Aggregate Project Limits Amount
Auto Fill Description on Subcontract Change
Allow for Changing To Same PCI Type
Keep Same PCI Number Upon Modify Type
SC Pre-qualification Limits on Controlling BP
Project Contact Default PM Role
Default Project Role (no priv
DocuSign Environment
Demo
Allow Multiple Bid Contacts per Partner
Allow Multiple Bid Responses
Show Subcontract UDF on Subcontract Change Order
OCO Original Amount Job Roll-In

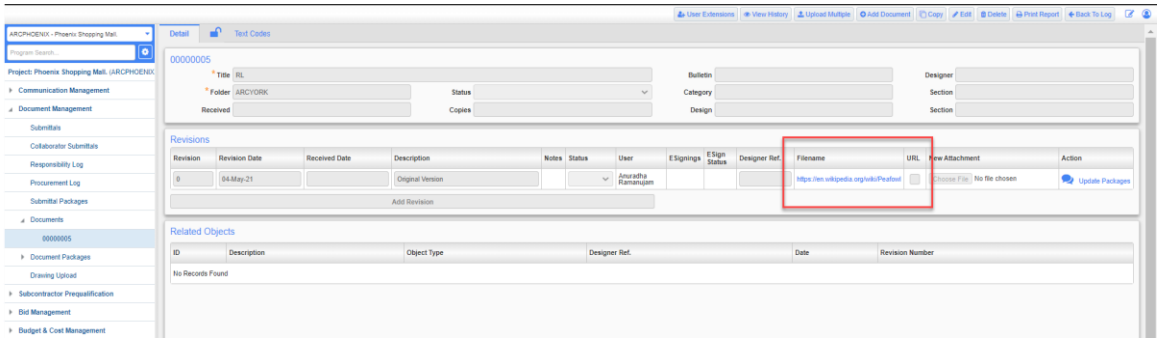

[CMIC] TBT University - New Action Item: Journal
TA
Test12c Alerts Email <test2v12@cmic.ca>
To Anuradha Ramanujam
Reply
Reply All
Forward
Wed 14/04/2021 2:10 PM
If there are problems with how this message is displayed, click here to view it in a web browser.
External Email Proceed with Caution
New Action Item: Journal
A new Action Item has been created for you for the TBT University project.
Your Action is required by 14-APR-21 .
Description
21.37638
View Action Item Details
You may also copy/paste this link into your browser:
http://test2v12.cmic.ca:8888/cmictest12c/SdMenu/?contentUrl=
Powered by CMiC

Documents - URL Referenced File 'Upload' (21.36933)

- File uploads to the Document now has reference URL that references an actual document outside of CMiC So we Can maintain the location of the file while still referencing it on other records and providing a place to access these files from within CMiC.
- URL checkbox is changed to a toggle and the corresponding Reference Link field is added to the Document upload tool to allow for sharing of a URL for shared documents.

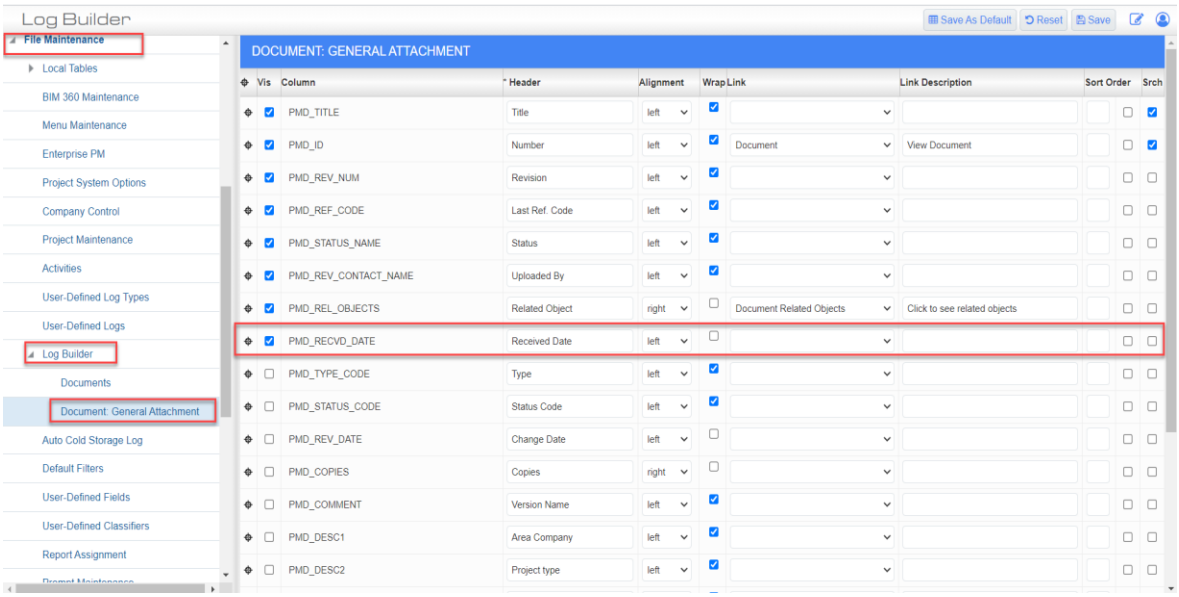


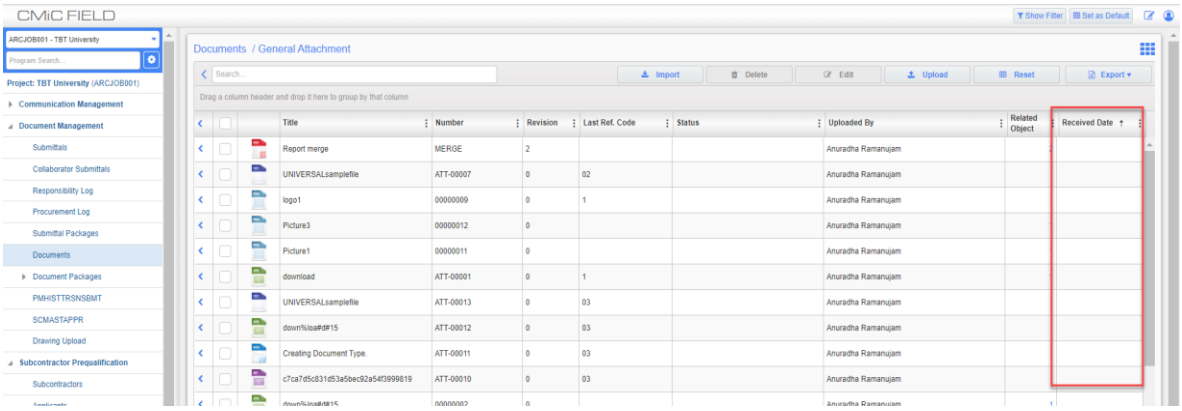




Documents - Add Document Revision Received Date to Document Log (21.37326, PM-1251)

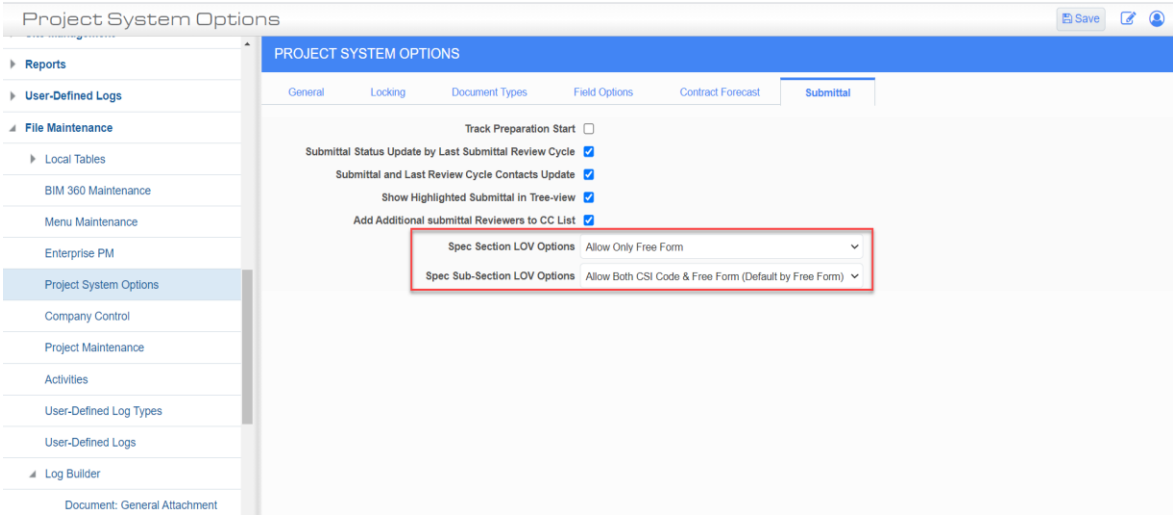
- In left Tree Menu, select “File Maintenance” -> “Log Builder”, In right Content Pane, in “System Log”, select “Document: Attachment”, “PMD_RECVD_DATE” should appear. under “column”.
- In left Tree Menu, select “Document Management” -> “Documents”, in right Content Pane, in “Document”, select “Attachments”, scroll to right, there is a column “Last. Recvd. Date”.





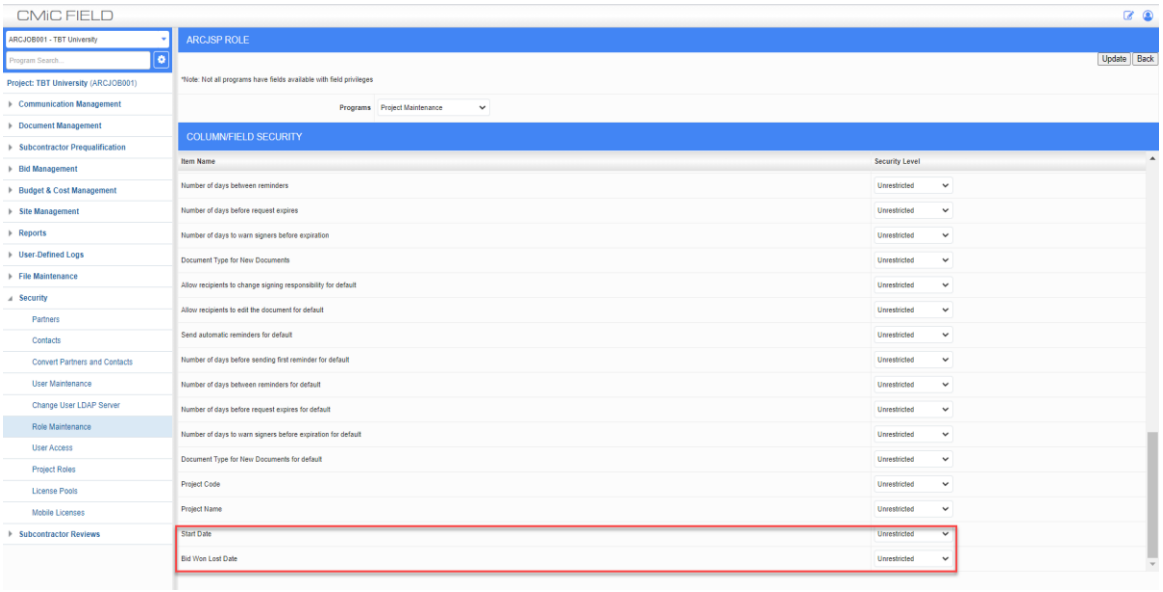
Project System Options: Move Spec Section Settings to Submittal Tab (21.40756 – PM-1047)

The Spec Section LOV Options and Spec Sub-Section LOV Options in General tab of Project System Options is moved to the Submittal tab as these setting s are related to the Submittal program.



Field Security for Project Start and Bid Won Lost Date (PM-1117)

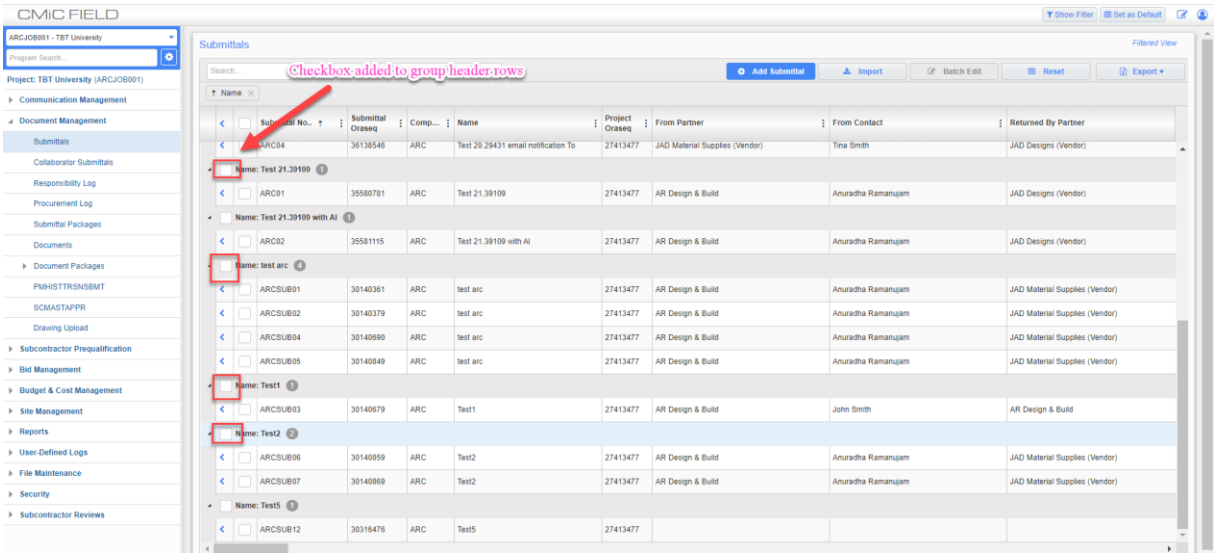
Field Security for Project Start Date and Bid Won Lost Date has been added.

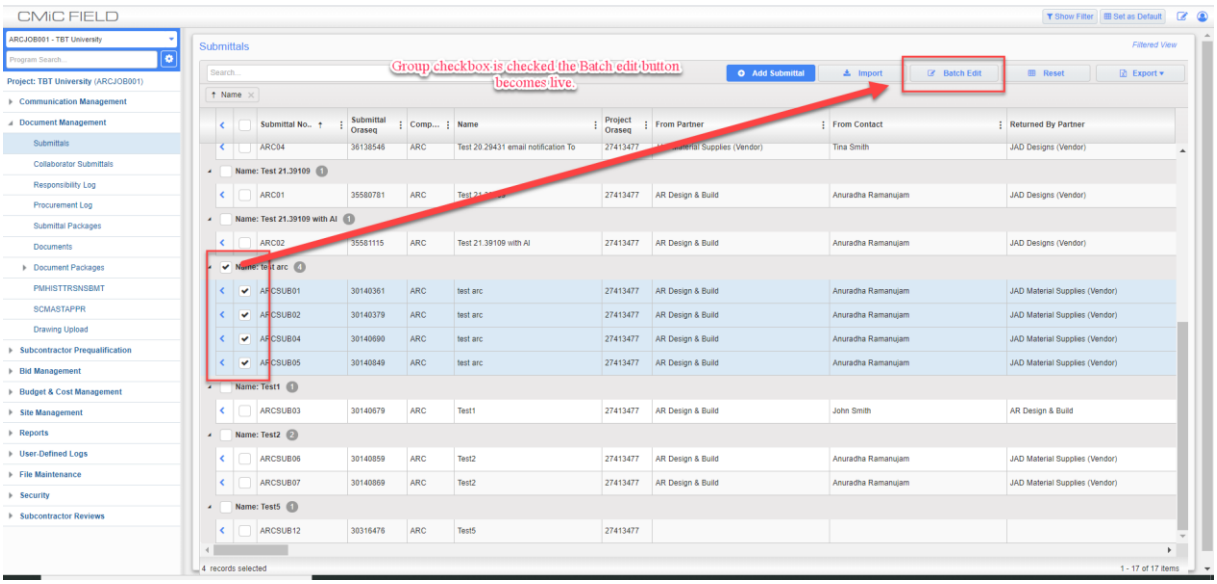


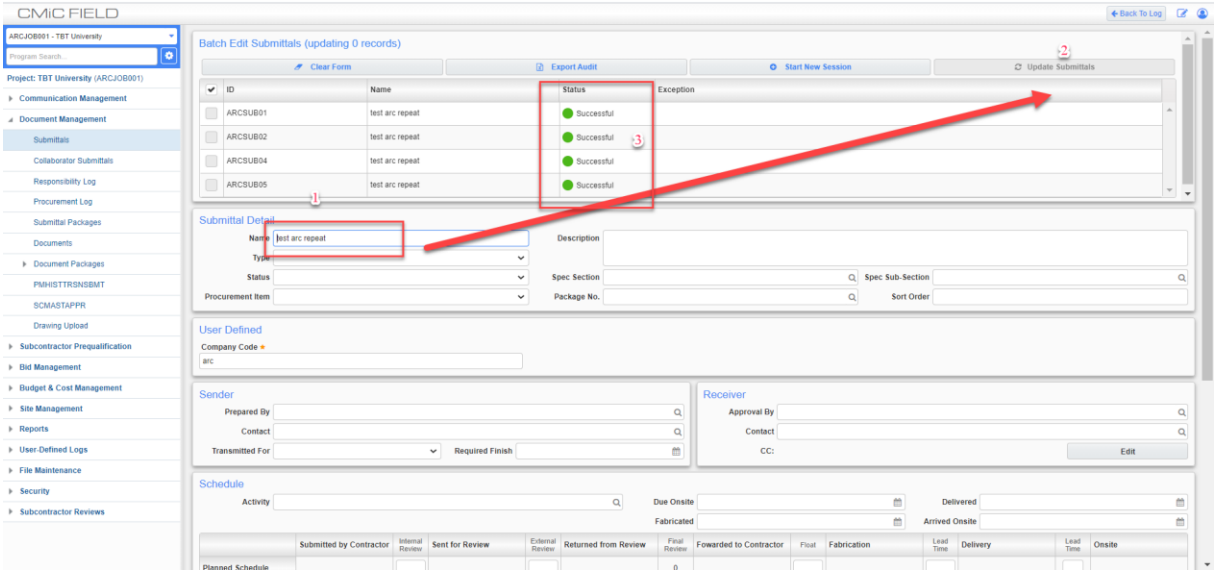
Submittals Log – Batch Edit (20.33391)

The following enhancements have been made to the Submittal Log:

- Checkbox added to group header rows, so the records could be selected in groups.
- [**Batch Edit**] button added. When select all check box or Group checkbox is checked the Batch edit button becomes live.
- Batch Edit functionality helps in group edit with update, clear form and start new session. Success or Failure message displayed.







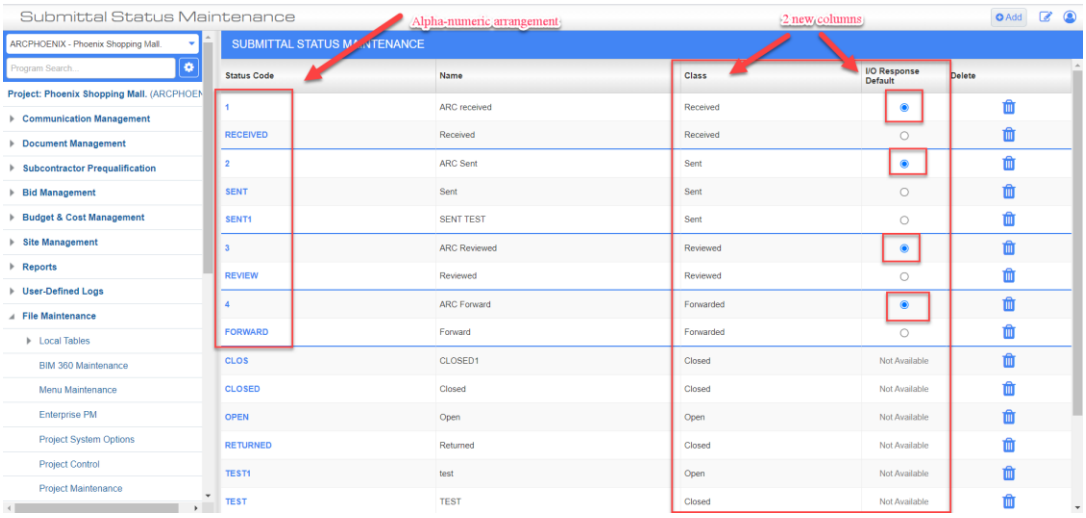
Submittal Response: Set Default Status in Submittal Status Maintenance (21.39109- PM-1294)

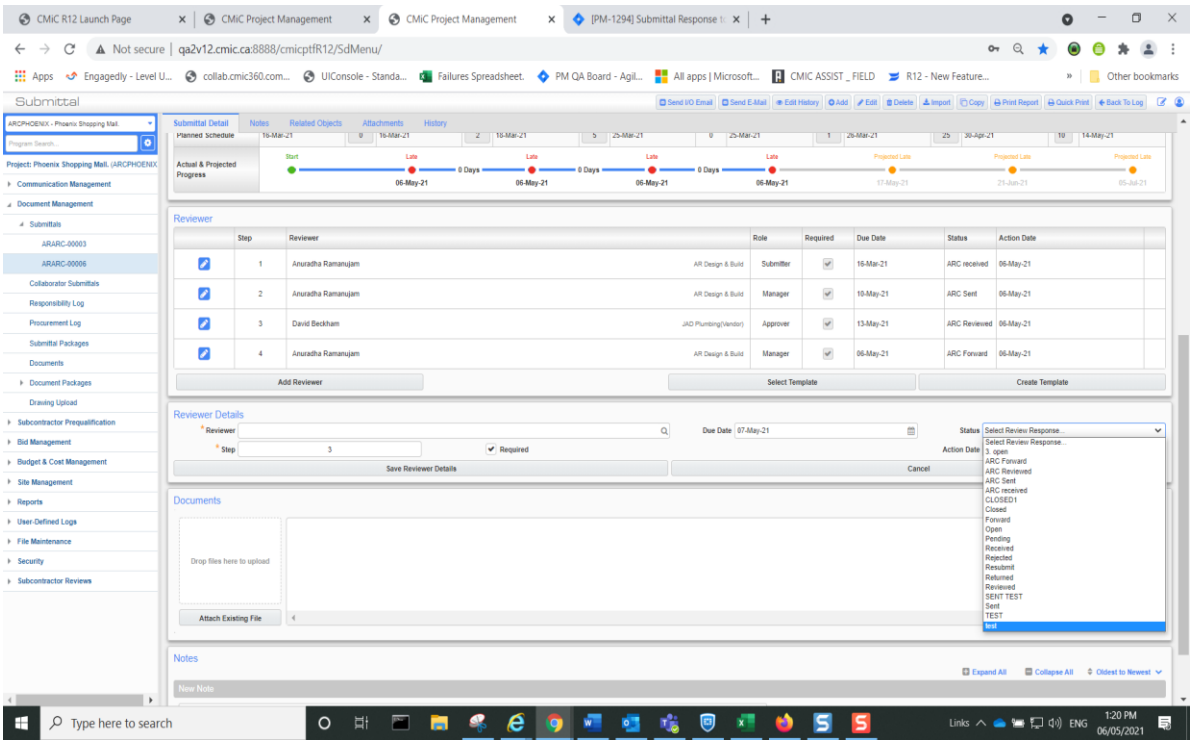
Two new columns have been added to the Submittal Status Maintenance screen.

1) Class (Before it was shown only when adding a new status but now class is added as a column in the log)
   a) This will display the class associated with each status.
   b) Statuses should be grouped by class to better facilitate.

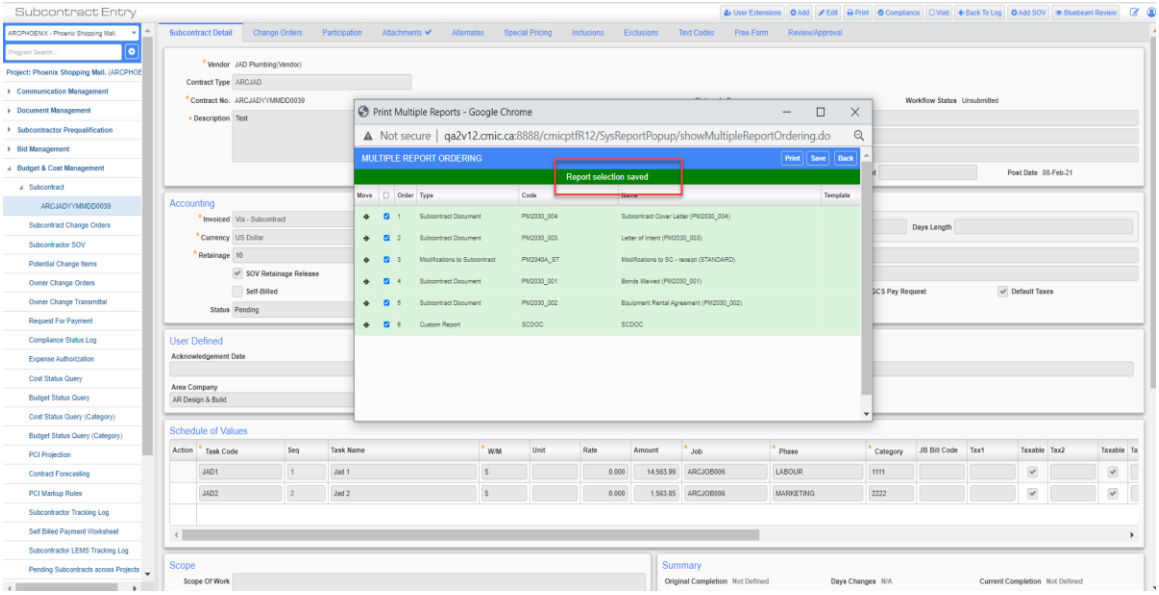
2) I/O Response Default - The I/O Response Default column will allow users to set what the default status should be for a user responding to a Submittal I/O at the stage they are responding.

a) Only one status should be selected per Class.
b) Only these four special classes (Received, Sent, Reviewed and Forwarded) have this option.
c) The Statuses are grouped alpha-numerically within their classes.
d) Classes are arranged as follows (which follows the order of the review process):
    i. Received
    ii. Sent
    iii. Reviewed
    iv. Forwarded





Print Multiple Reports – Save Selection (20.33391)



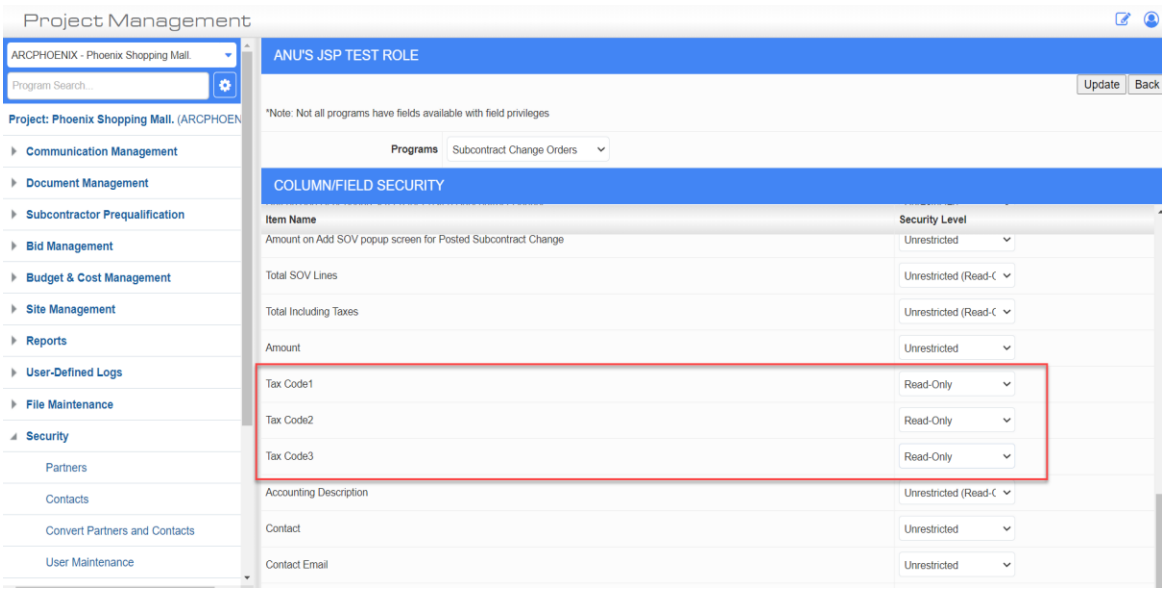
The previous selection in Print Multiple Reports is now successfully saved for future printing.

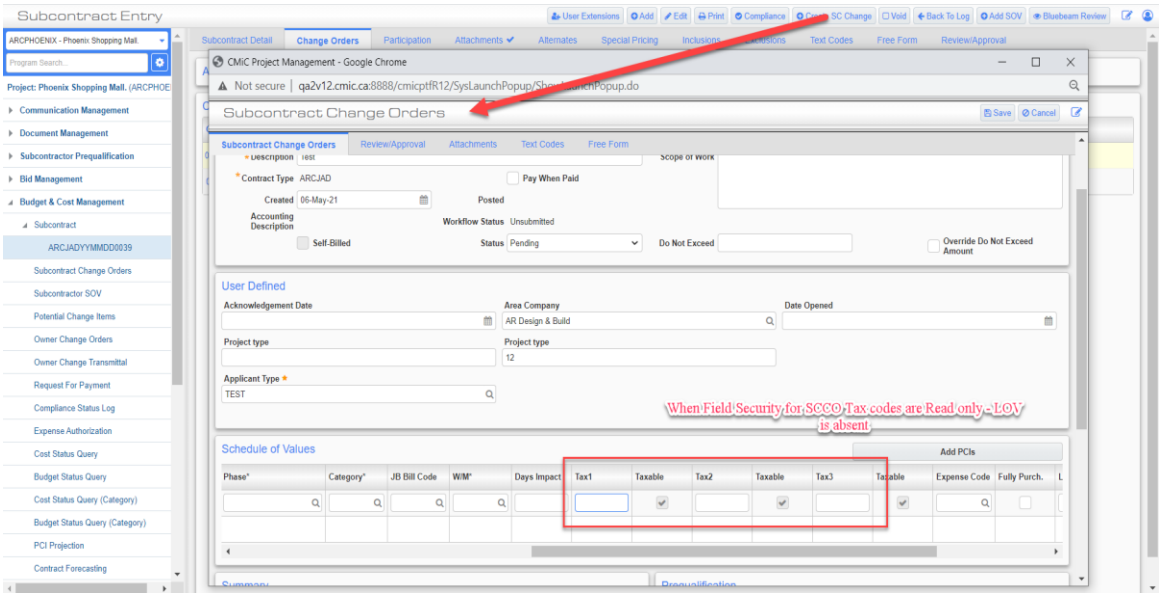
Subcontract Change Order – Tax Field Read-only (20.33996)

Field security for the Tax fields in the SOV of Subcontract Change Order is added.

The default field security level for these fields is UNRESTRICTED on the *ALL* role.

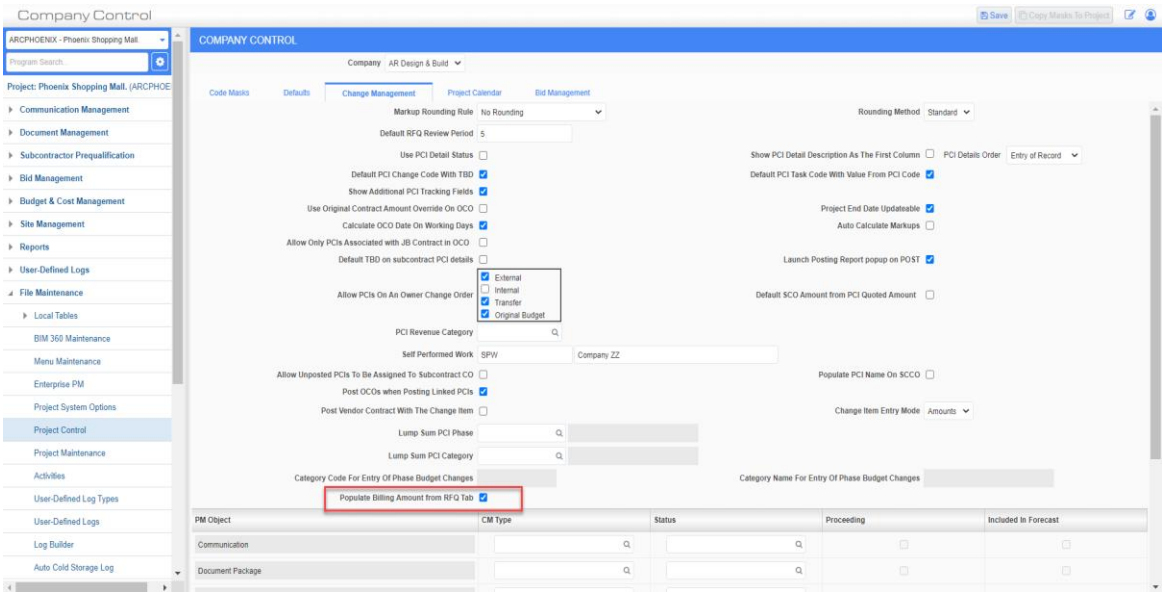
Example

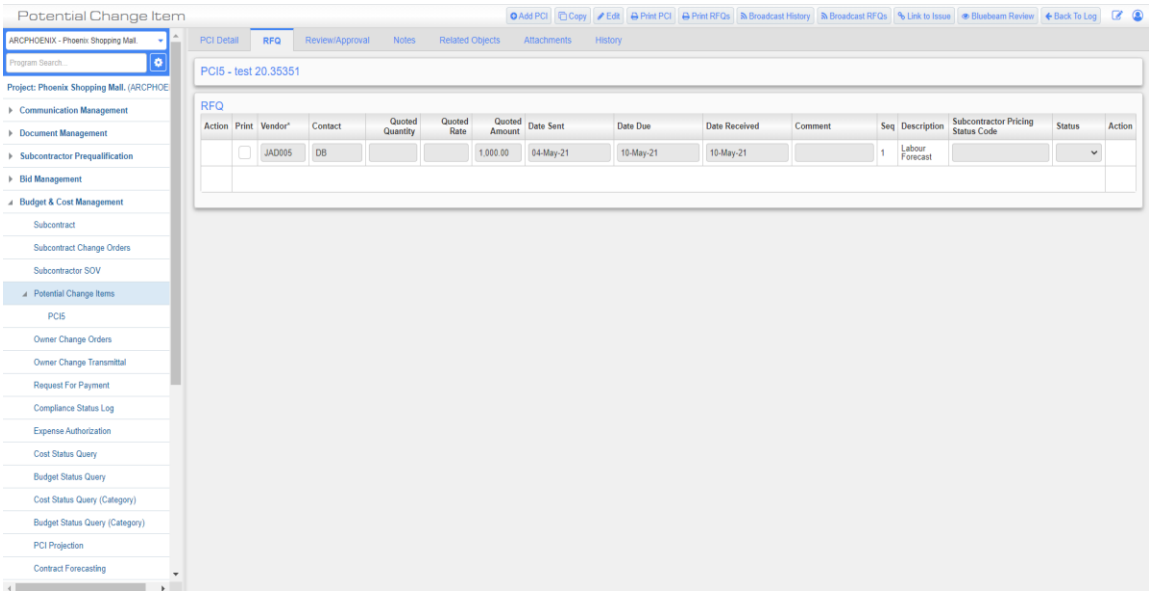


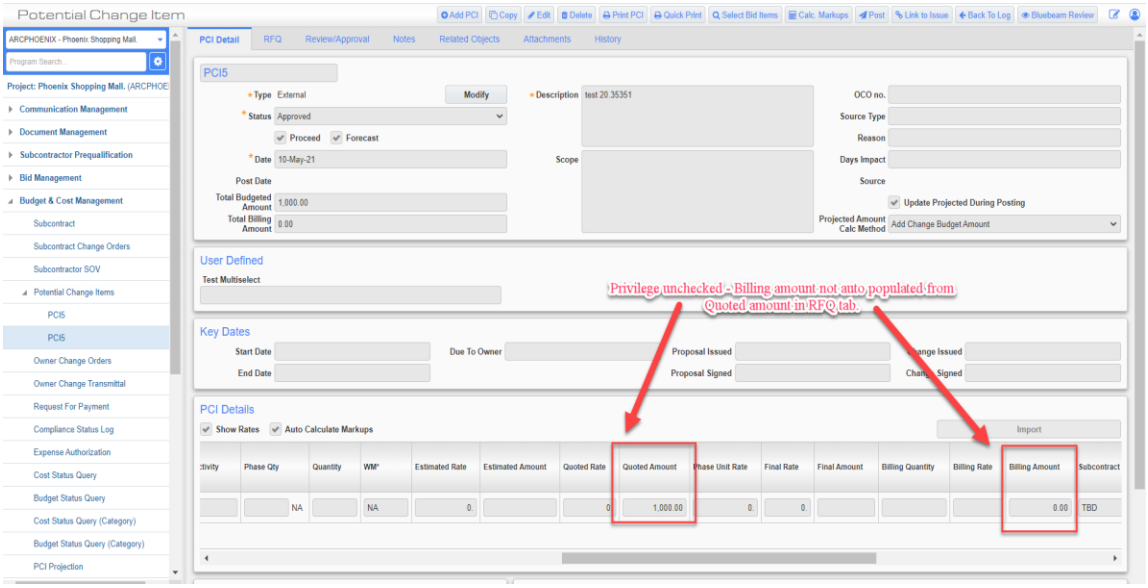


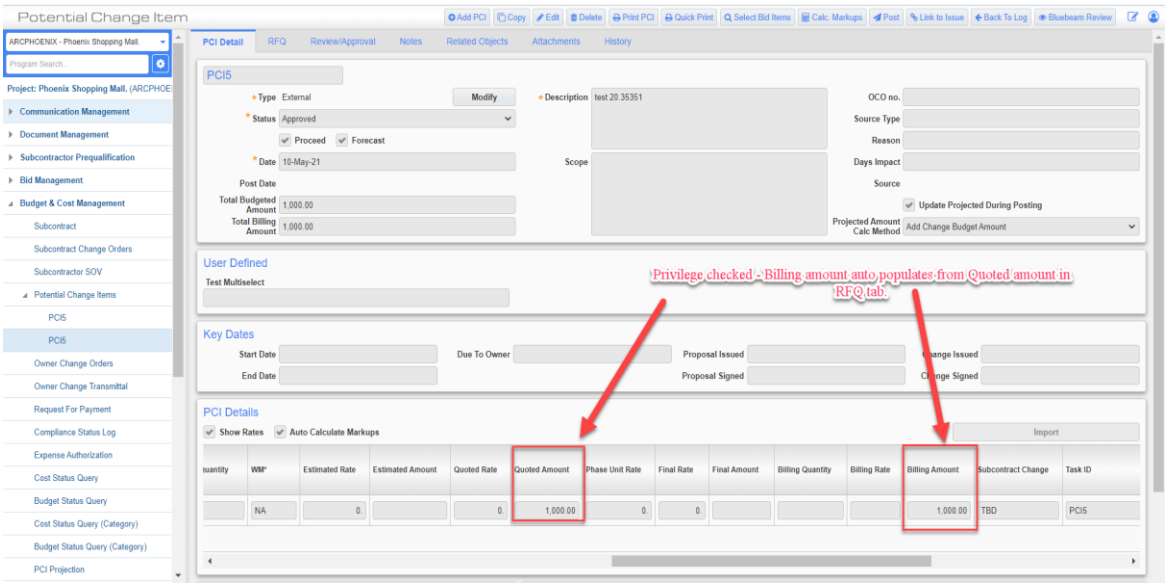
Project Control - Populate Billing Amt from RFQ Tab (20.35351)

- Added the flag “Populate Billing Amt from RFQ Tab” to Change Management tab of Company Control. When checked, this flag will Auto-populate Billing Amount from the RFQ.
- Also added field security for the flag.



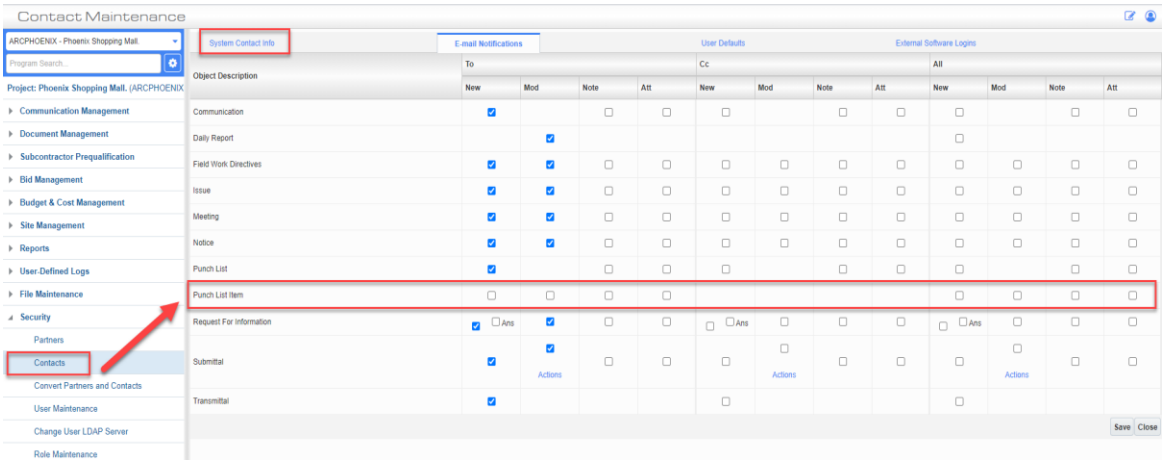

Potential Change Item
PCI5 - test 20.35351
RFQ

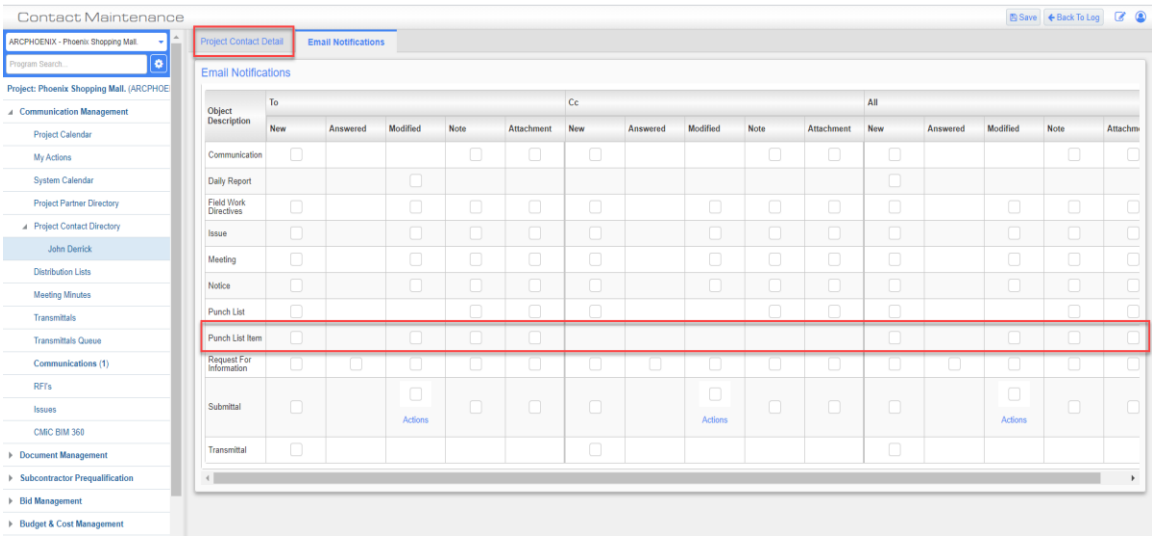

Potential Change Item
PCI5
User Defined
Key Dates
PCI Details
Privilege unchecked - Billing amount not auto populated from Quoted amount in RFQ tab.

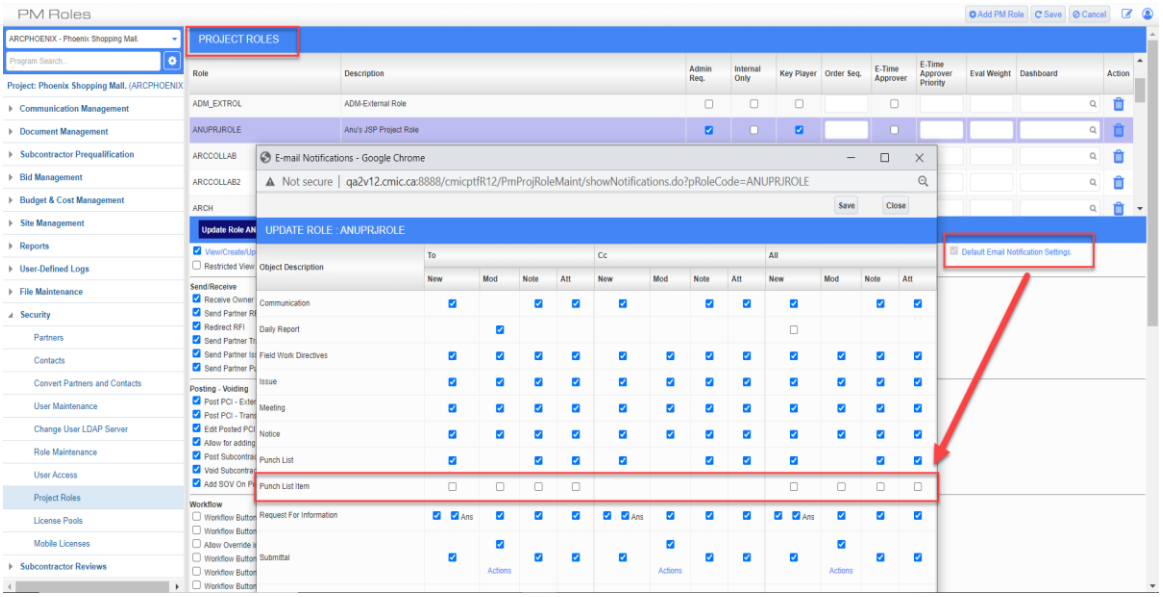


Punch List item Email Notification (21.38329)

- Addition of Punch List Items Notification Row to System Contact, Project Contact, Role Default Email Notification Screens

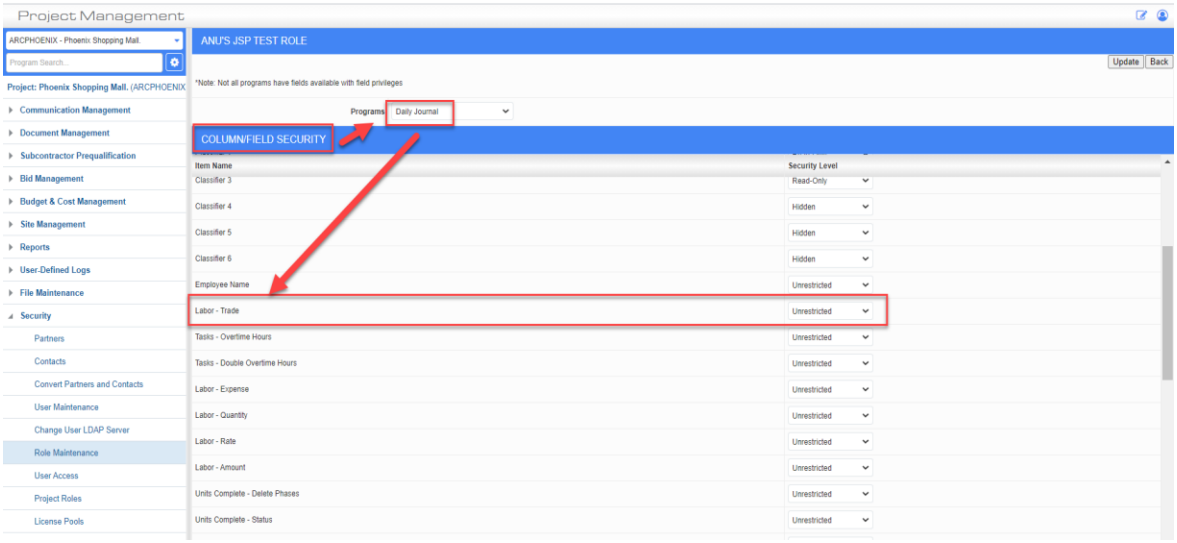


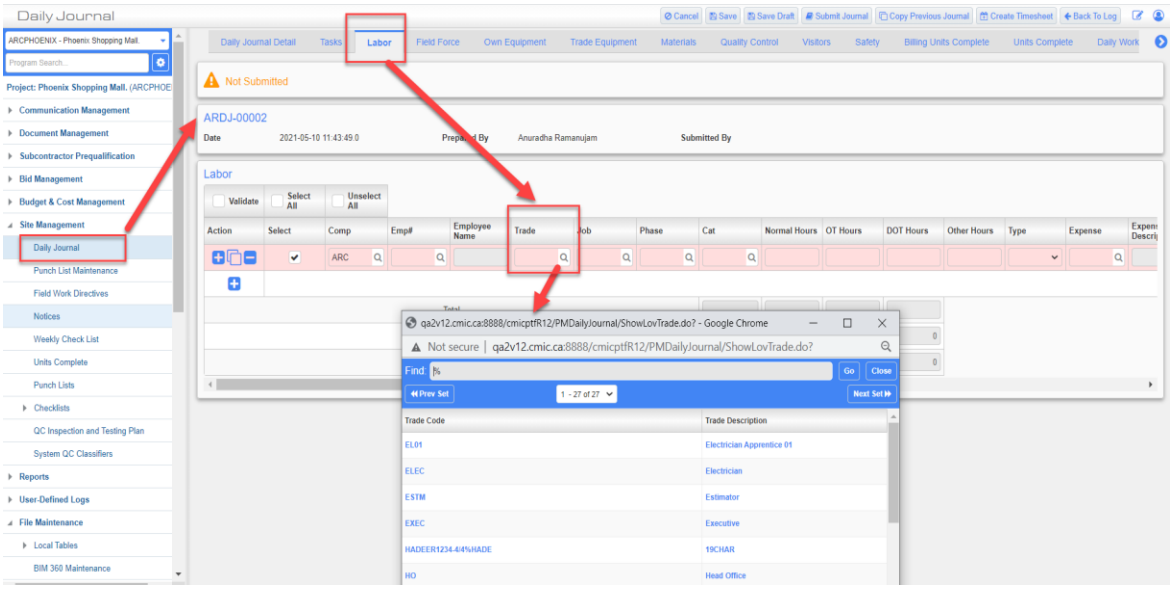




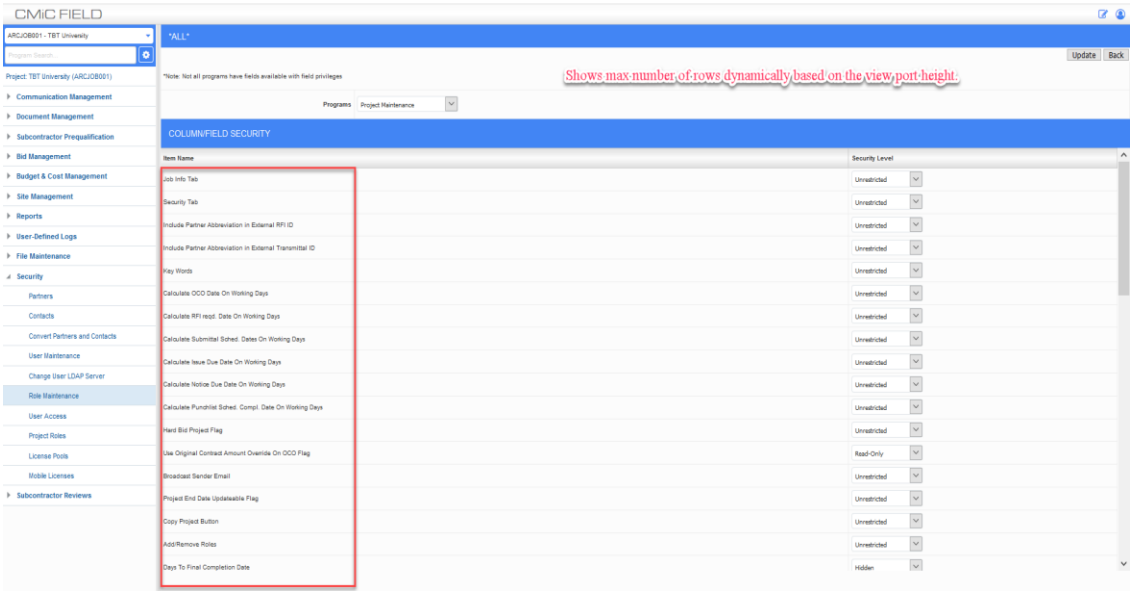
Daily Journal – Labor -Trade LOV Added (20.33984)

- Addition of Trade LOV in Labor Tab of Daily Journal.
- Addition of Field Security for Trade in Labor Tab of Daily Journal


Project Management
ANU'S JSP TEST ROLE
Update
Back
*Note: Not all programs have fields available with field privileges
Programs
Daily Journal
COLUMN/FIELD SECURITY
Item Name
Security Level
Classifier 3
Read-Only
Classifier 4
Hidden
Classifier 5
Hidden
Classifier 6
Hidden
Employee Name
Unrestricted
Labor - Trade
Unrestricted
Tasks - Overtime Hours
Unrestricted
Tasks - Double Overtime Hours
Unrestricted
Labor - Expense
Unrestricted
Labor - Quantity
Unrestricted
Labor - Rate
Unrestricted
Labor - Amount
Unrestricted
Units Complete - Delete Phases
Unrestricted
Units Complete - Status
Unrestricted
Communication Management
Document Management
Subcontractor Prequalification
Bid Management
Budget & Cost Management
Site Management
Reports
User-Defined Logs
File Maintenance
Security
Partners
Contacts
Convert Partners and Contacts
User Maintenance
Change User LDAP Server
Role Maintenance
User Access
Project Roles
License Pools


Daily Journal
Daily Journal Detail
Tasks
Labor
Field Force
Own Equipment
Trade Equipment
Materials
Quality Control
Visitors
Safety
Billing Units Complete
Units Complete
Not Submitted
ARDJ-00002
Date
2021-05-10 11:43:49.0
Anuradha Ramanujam
Submitted By
Labor
Validate
Select All
Unselect All
Action
Select
Comp
Emp#
Employee Name
Trade
Phase
Cat
Normal Hours
OT Hours
DOT Hours
Other Hours
Type
Expense
ARC
qa2v12.cmic.ca:8888/cmicptfR12/PMDailyJournal/ShowLovTrade.do? - Google Chrome
Not secure | qa2v12.cmic.ca:8888/cmicptfR12/PMDailyJournal/ShowLovTrade.do?
Find:
Go
Close
Prev Set
1 - 27 of 27
Next Set
Trade Code
Trade Description
EL01
Electrician Apprentice 01
ELEC
Electrician
ESTM
Estimator
EXEC
Executive
HADEER1234-4/4%HADE
19CHAR
HO
Head Office
Site Management
Daily Journal
Punch List Maintenance
Field Work Directives
Notices
Weekly Check List
Units Complete
Punch Lists
Checklists
QC Inspection and Testing Plan
System QC Classifiers
Reports
User-Defined Logs
File Maintenance
Local Tables
BIM 360 Maintenance

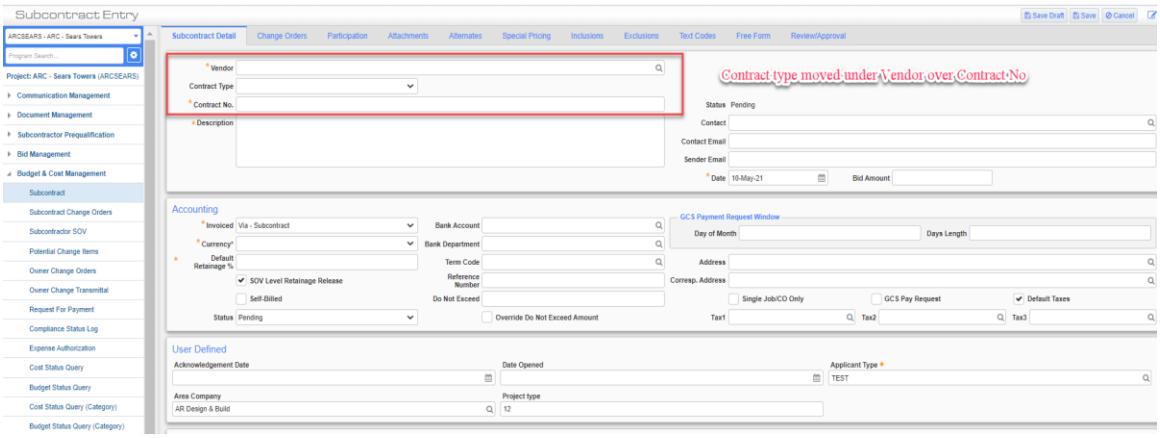
Field Security Screen Adjusted to Show Max Number of Records Possible (21.39123)



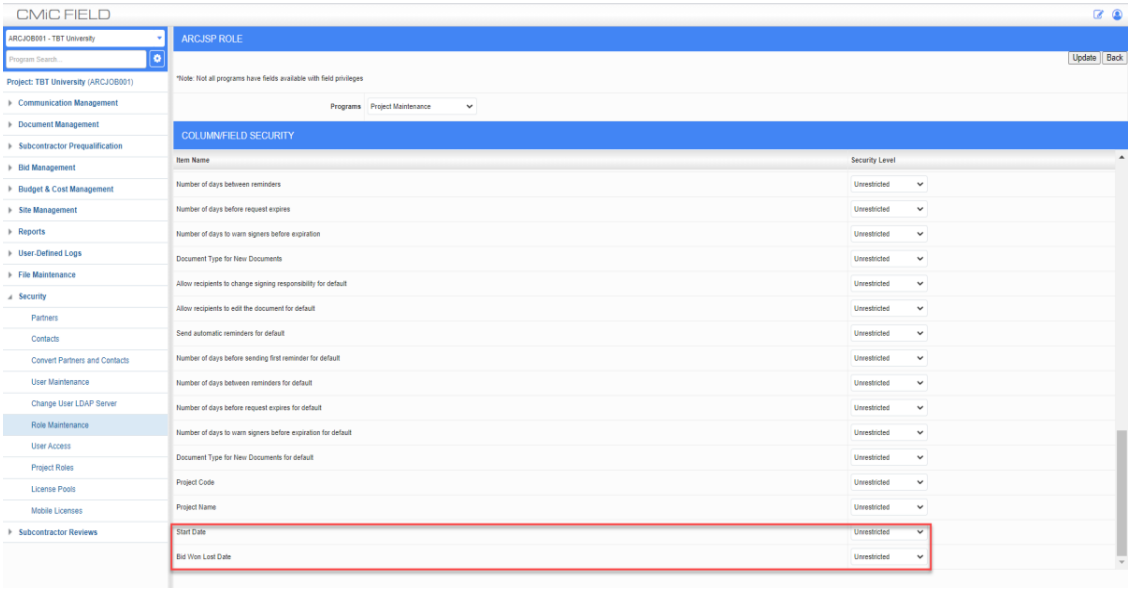
The user interface on the field security screen now shows the maximum number of records possible dynamically based on the view port height.

Subcontract – Contract Type field Placement Changes (21.40790)

The Contract Type field is moved under Vendor and above Contract No. This ensures the Subcontract number is created after selecting the vendor but it still can be overridden by the user before proceeding to the remaining fields and saving the record.



Project Maintenance – Field Security for Start Date and Bid Won/Lost Date (21.38098)



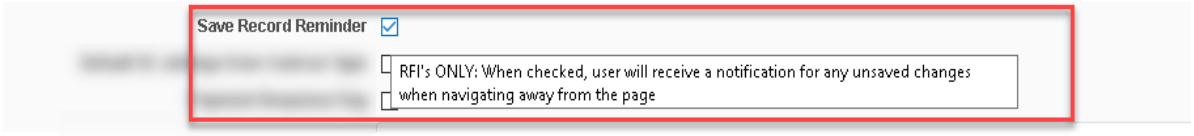
Project Maintenance - field security added for Start Date and Bid Won/Lost Date has been added.

Save Reminder (Mutation Observer) for RFI Changes (21.38442, PM-320)

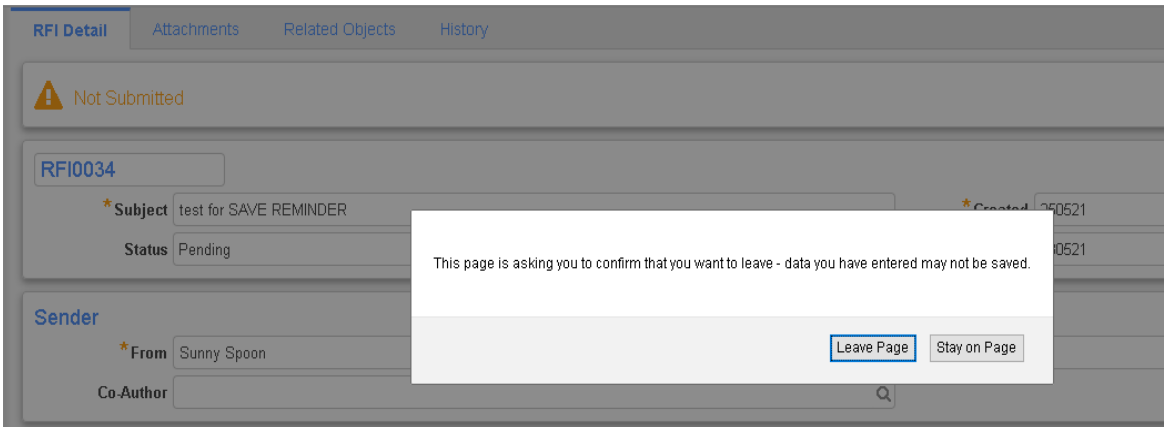
CMiC has created the Save Reminder (aka Mutation Observer) utility to monitor changes on a JSP page

that the user can be notified in case he leaves the page without saving the changes.

This utility can be turned on by the PM System Options flag: 'Save Record Reminder':



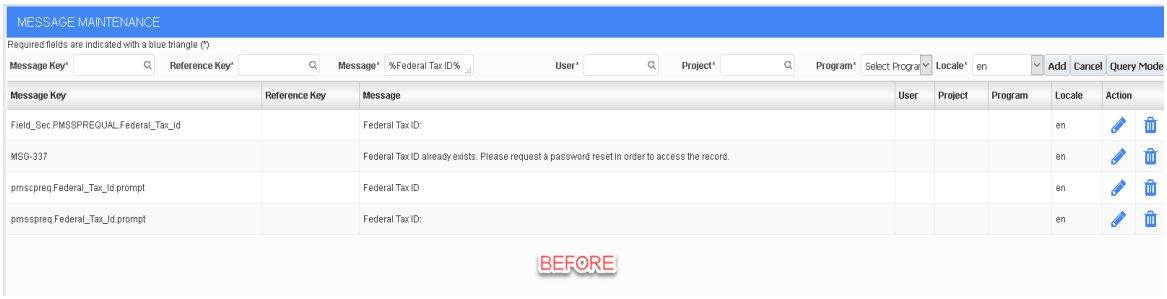
This is applicable for RFIs. The message that will show if changes are made and the user tries to leave without saving is:

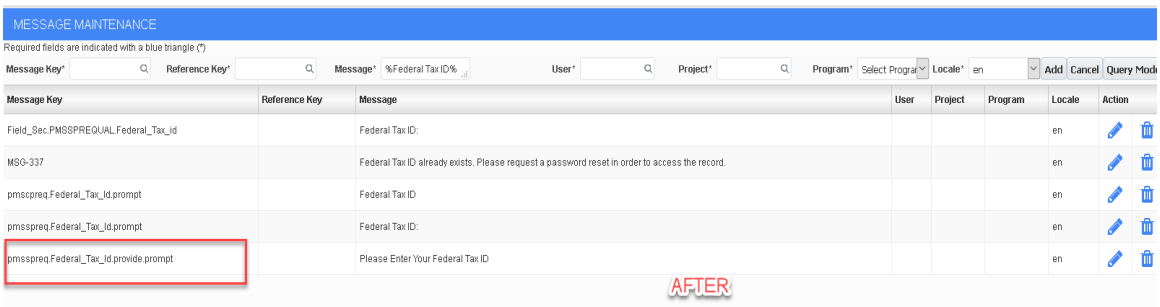


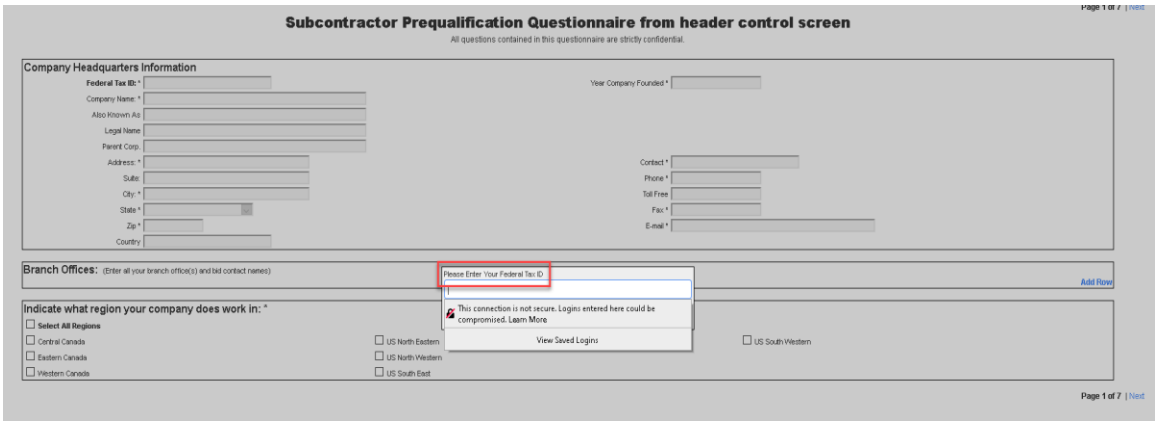
Self Service Prequalification Message Key for Federal Tax ID

(21.39115)

Subcontractor Prequalification - Self Service - Addition of message key to make the prompt for [Enter Federal Tax ID] changeable.





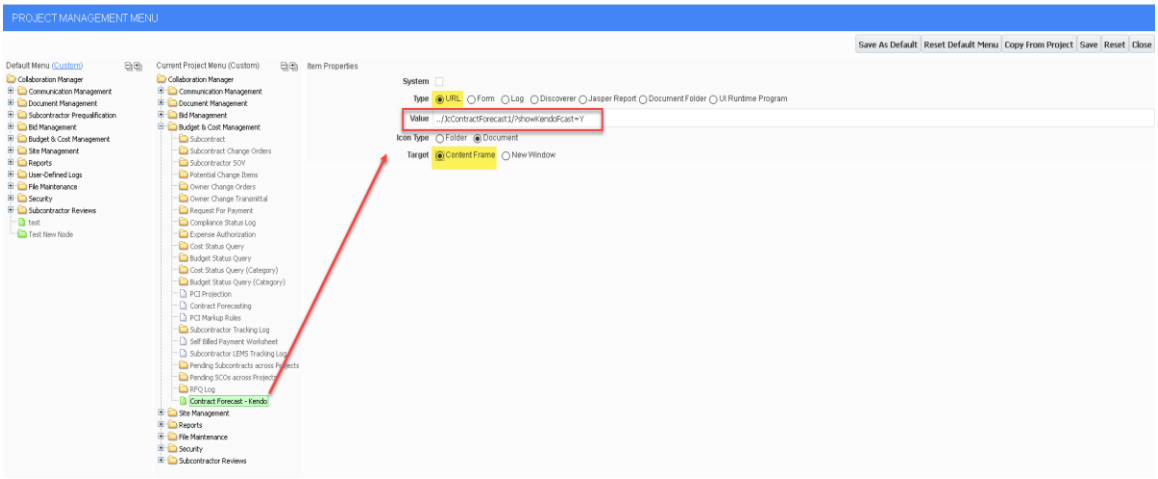


Contract Forecast (Kendo Version) as Menu Item (19.83741)

Contract Forecast - Added the ability to run new version of Contract Forecast by adding new menu item using Menu Maintenance: add

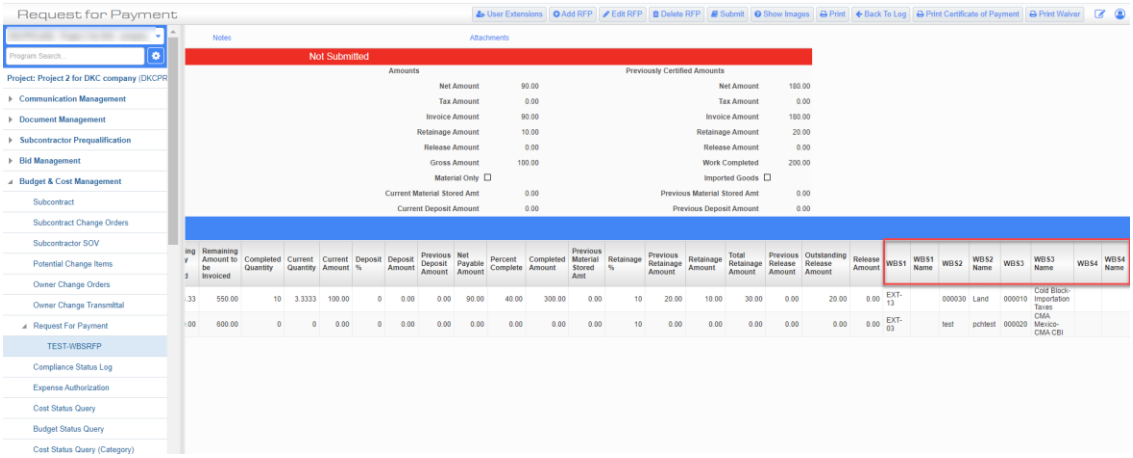
URL as ../JcContractForecast1/?showKendoFcast=Y

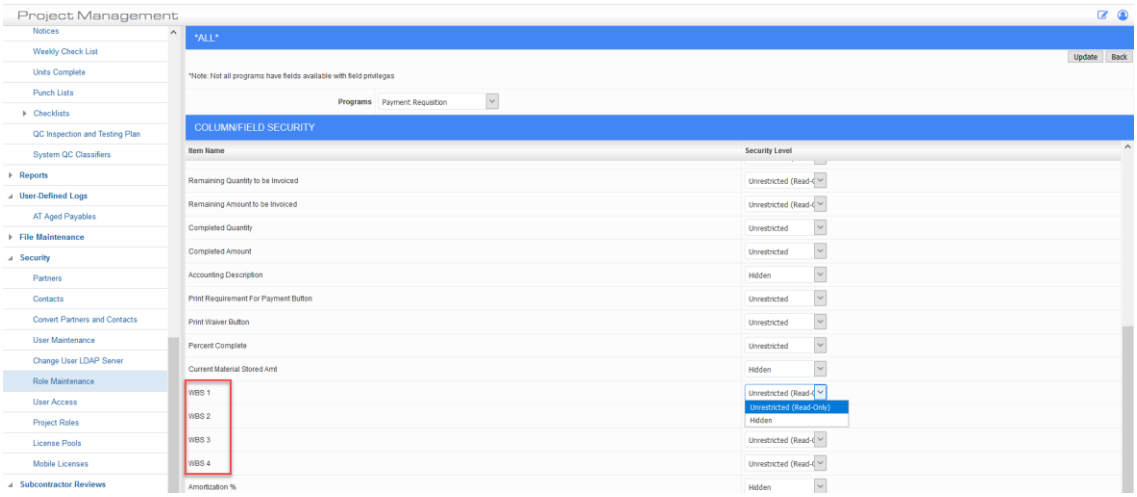
Target = Content Frame



Added WBS Fields to Request for Payment Screen (21.41719)

- Added WBS Fields as Read-Only in Request for Payment screen.
- Added Field Security for WBS Fields with two options : Unrestricted and Read-Only
- The values in WBS fields are passed from Subcontract screen to RFP screen.



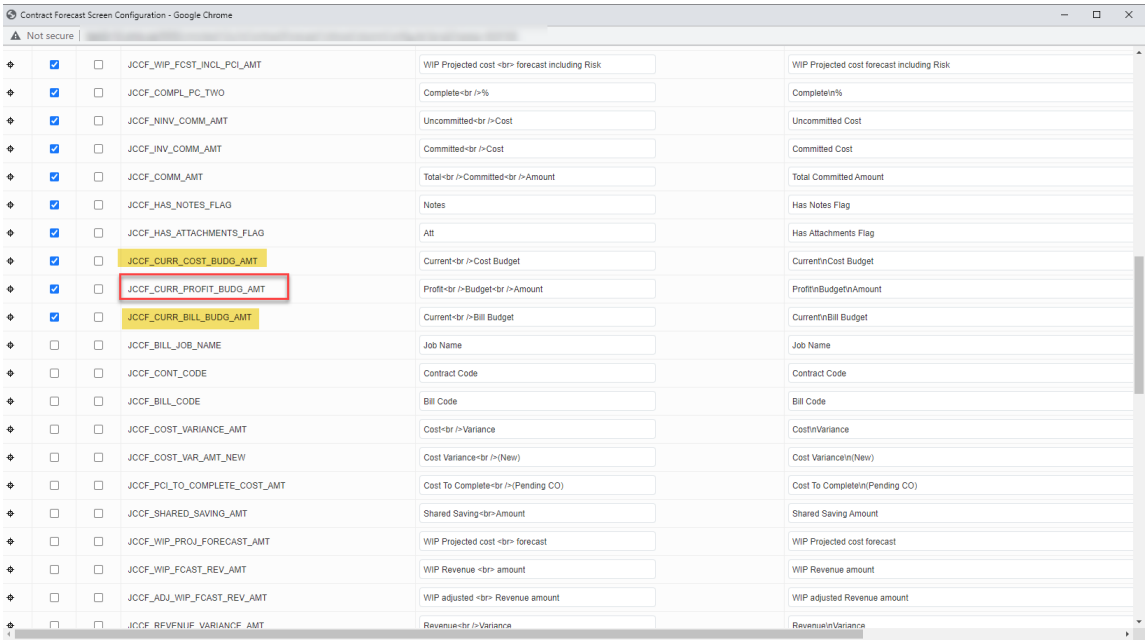


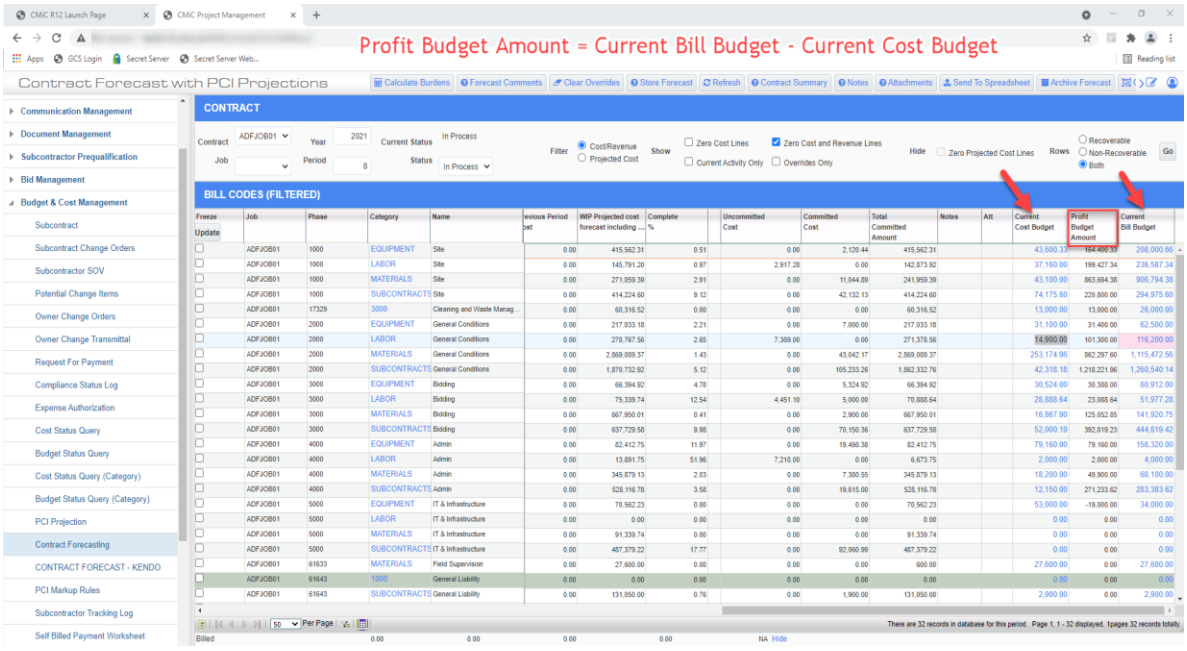
Contract Forecasting - New column Profit Budget Amount (21.41947)

New Column JCCF_CURR_PROFIT_BUDG_AMT - Profit Budget Amount - is added to JSP Contract Forecasting screen.

Formula for the column is:

JCCF_CURR_PROFIT_BUDG_AMT = JCCF_CURR_BILL_BUDG_AMT – JCCF_CURR_COST_BUDG_AMT (Profit Budget Amount = Current Bill Budget - Current Cost Budget



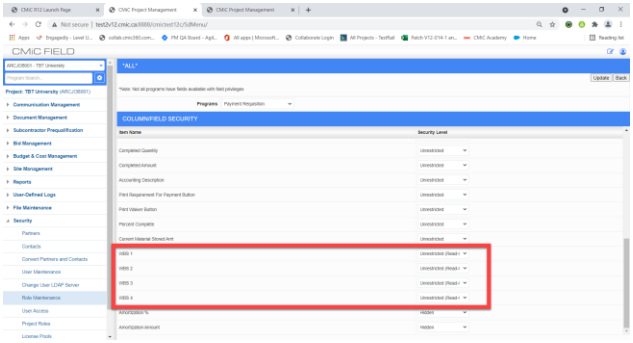


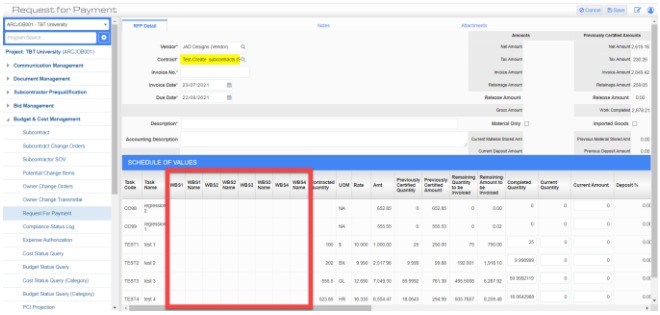
Meeting Minutes - Allow Users to Enter Notes and View/Edit History Before 'Start Meeting' (21.43089, PM-1558)

Modifications have been made to allow users to enter Notes and View/Edit the meeting history (i.e.star or unstar any historical minutes) before starting a meeting.

Request for Payment - Added WBS Name columns to SOV (21.41399)

WBS Name columns have been added to detail lines and the field security is set to Read-only on the *ALL* role.



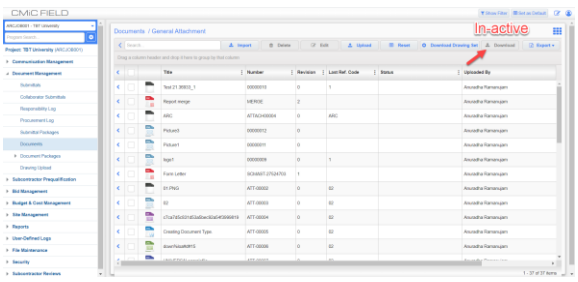


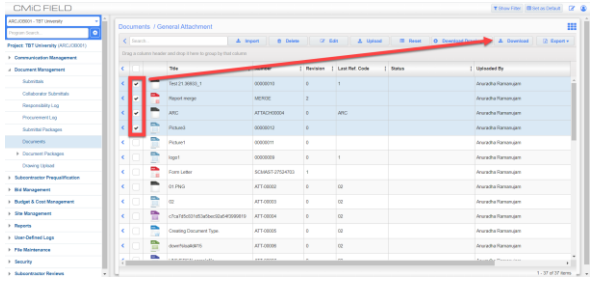
Download Multiple Documents At the Same Time (21.41087,PM-745)

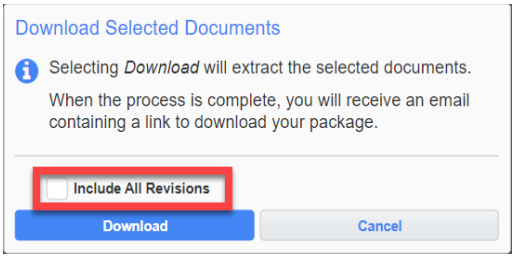
In the Document log, the user can now use the multi-select checkboxes to select one or more documents that they wish to download. Once the records are selected the [Download] button becomes enabled.

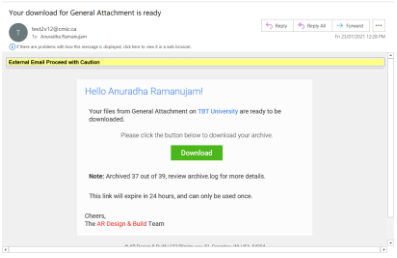
There is also a choice to Include All Revisions.

On Download the user gets a notification email and can download the documents for storage to a desired location.



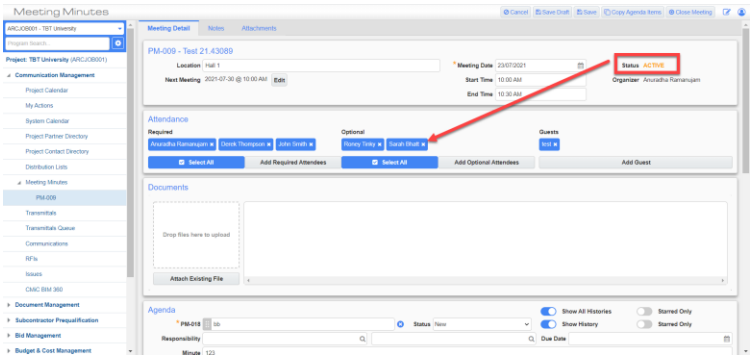






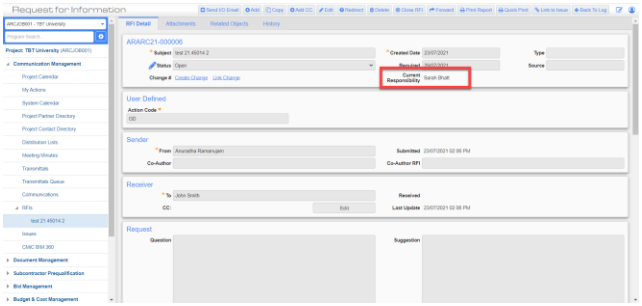
Allow Removal of Attendees from an Active Meeting (21.42265, PM-1540)

When a Meeting is in Active status, Meeting Attendees from the list of Required and Optional attendees can be removed so required and optional attendees can be more accurately reflected after the meeting has commenced.

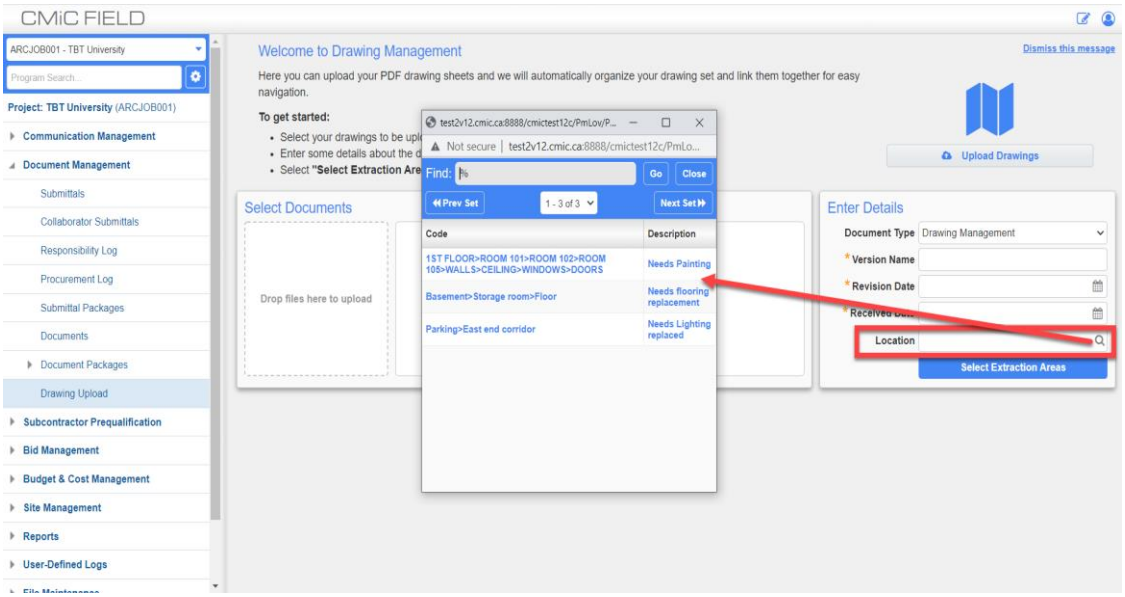


RFI - Current Responsible Partner Name and Contact Name Added (21.45014,PM-375)

The Current Responsibility field now appears on the RFI screen. The Current Responsibility Partner Name and Contact Name columns have been added to the RFI Log.



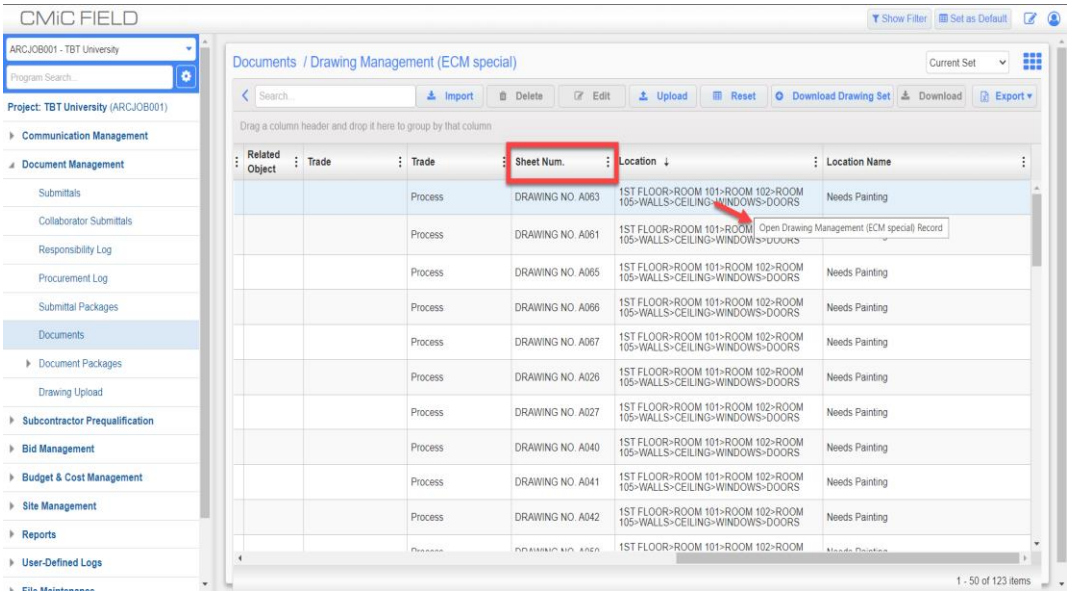
Drawings Upload - Implemented Location Code (20.28379, PM-794)

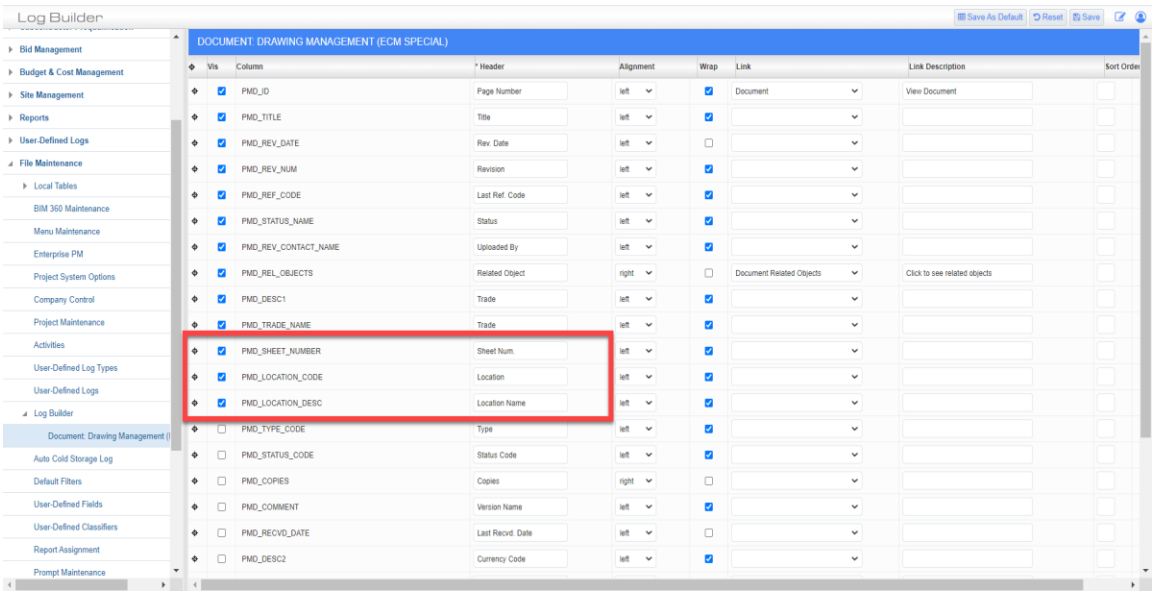


CMiC has added a Location field (uses LOV) to the Drawing Sets Upload screen.

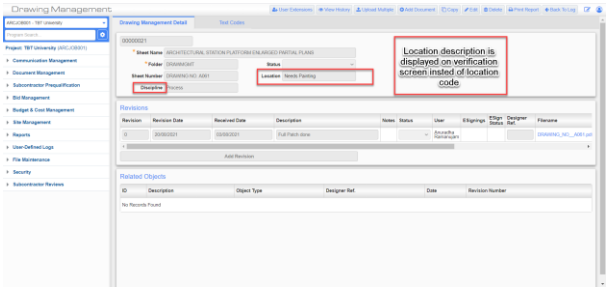
Also:

- added a tooltip to Location column (displays location description).
- default size for file upload is set to 100MB if not provided at system/user level.
- Sheet Number added to the DRAWMGMT log

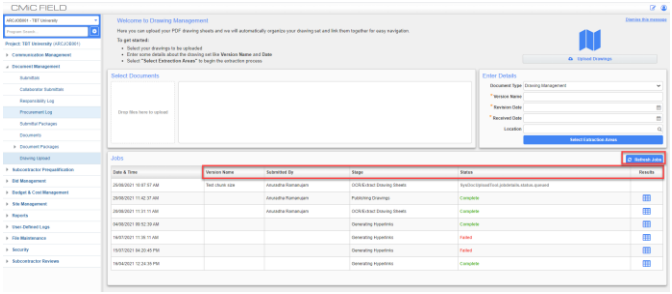




- Location description is displayed on verification screen instead of Location Code
- Changed prompt description from Trade to Discipline on verification screen

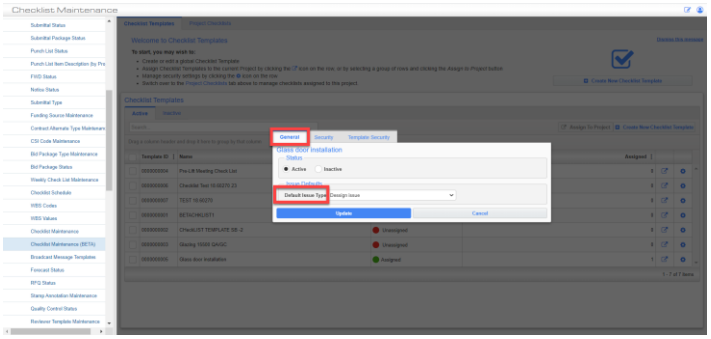


- Location code is read-only in Edit mode now. Added Location LOV in ADD mode. Introduced validation for location code.
- Location code now are accepted in upper case only (including import functionality).
- Sort order number column has been removed.
- Added a Job Detail section to show the progress/ status of the Drawing Sets Upload job:



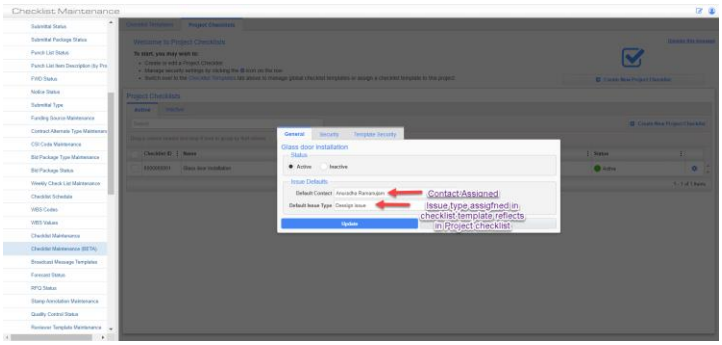
Checklist Enhancements continued (18.60270/PM-618/PM-1091/PM-1633)

Added the General tab with necessary fields. (PM-1486, PM-1487, PM-1494)

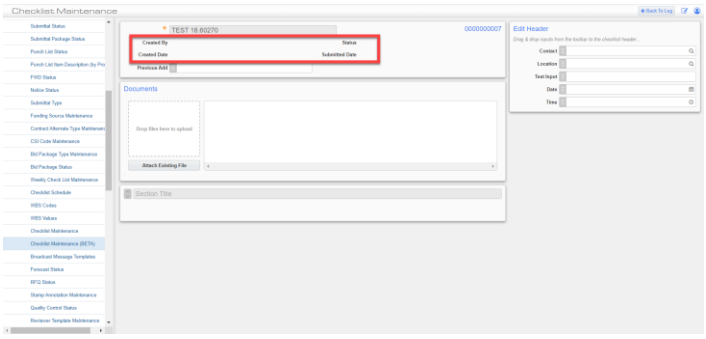


When assigning the checklist to a project, corresponding default issue type will be copied.

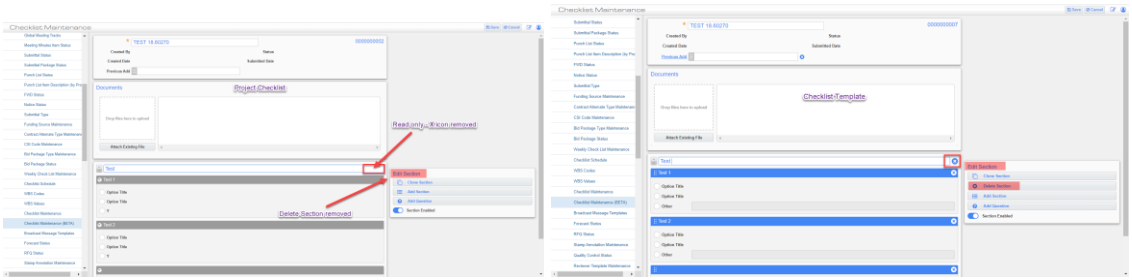
Default contact is also added at project checklist, which can be accessed via general tab.



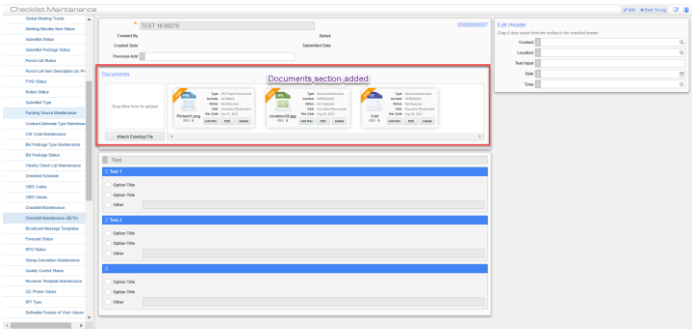
CMiC added new static fields such as Created by, Created Date, Status and Submitted Date to bothchecklist template and project checklist.



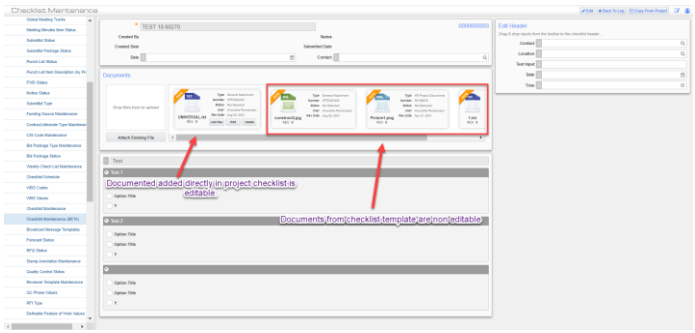
In the project checklist, sections that are inherited from the checklist template are modified to Read-only (non-editable) and the Delete icon removed.



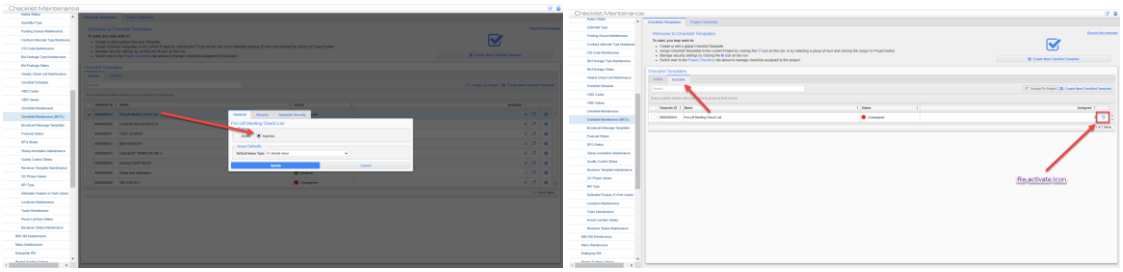
The Documents section has been added to checklist template and project checklist:



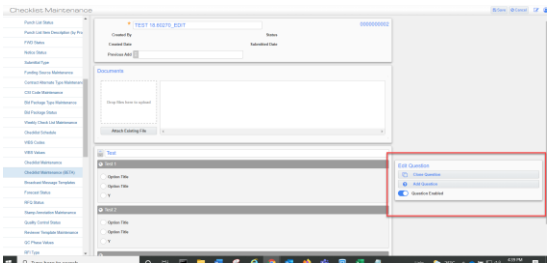
- Documents of checklist template will be automatically copied to project checklist when it is assigned from checklist template.
- Documents from checklist template inherited by project checklist cannot be edited or deleted (its buttons are hidden) whereas documents that are saved directly in project checklist will be as usual.



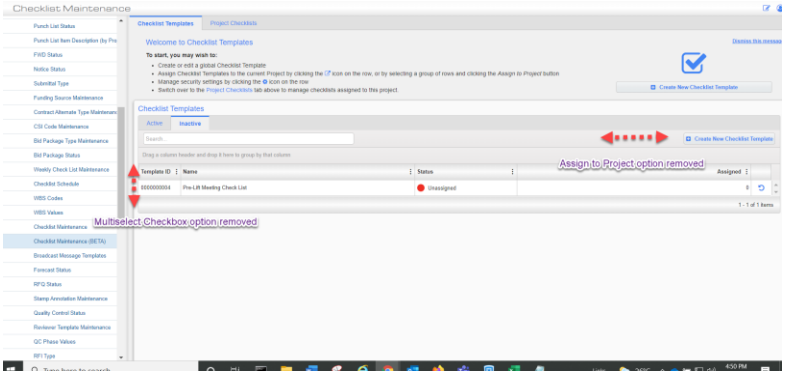
- Checklist Maintenance enhancements - Active, Inactive tab included. Made changes in their log and view option; Reactivate icon is added to the menu in both Checklist Template as well in Project Checklist.



- for Project Checklist, Delete Question option is hidden for questions which are copied from Checklist Template.



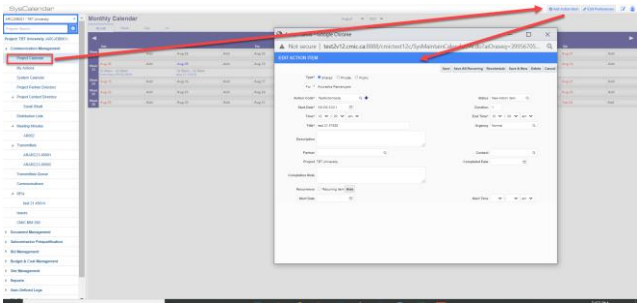
- Removed multi-select option and Assign button in inactive log screen.

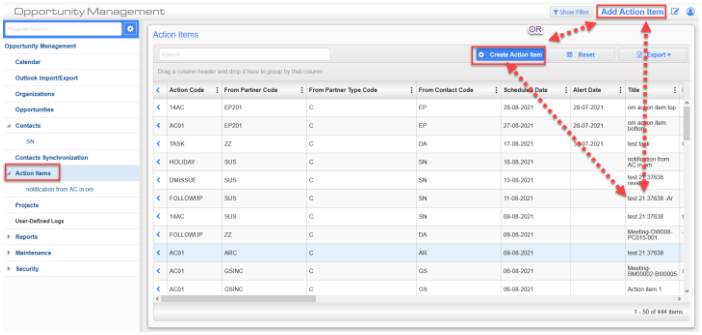


Action Item Notifications Continued (21.37638//PM-907)

All Action Items created from **Project Calendar** will trigger an Action Item Notification. There is no control to turn On or Off these Notifications.

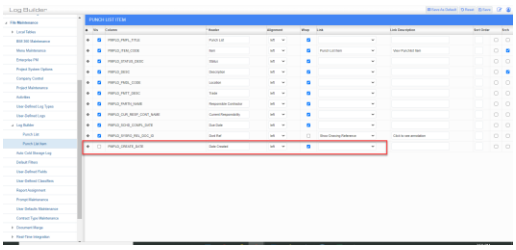
All Action Items created from **OM Action Items** will trigger the Action Item Notification. There is no control to turn On or Off these Notifications.

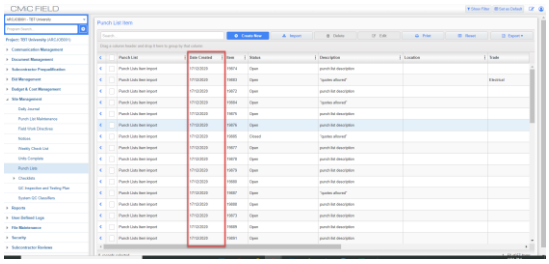


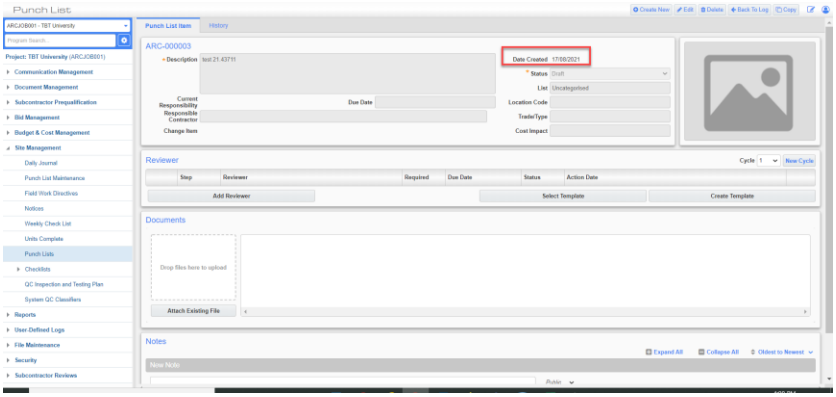


Punch List Item - Added Create Date (21.43711/PM-1392/PM-1740)

CMiC has added the Create Date to the Punch List Item entry screen and log.





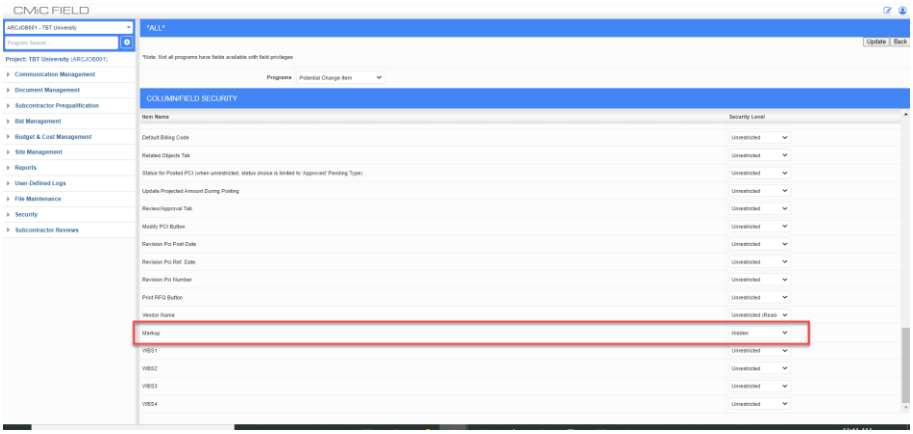


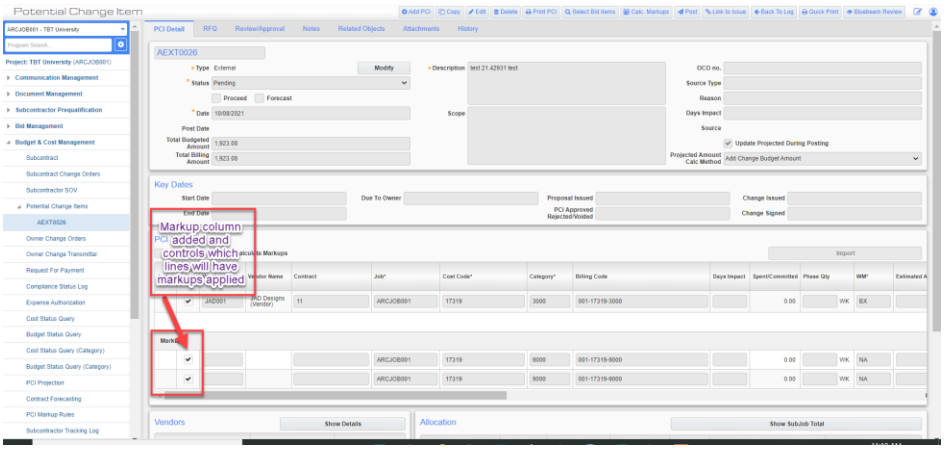
PCI Markups - Selective Markups for PCIs (21.40801 (PC-376)

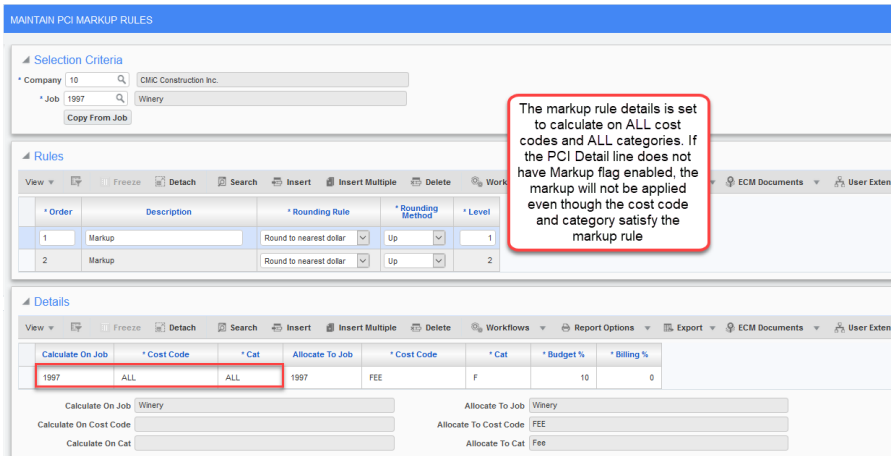
A new column ‘Markup’ has been added and the flag in the column is enabled by default.

When the Markup flag is enabled, only the selected lines will have a markup applied IF the job, cost code, and category satisfy the markup rules.

Users can enable/disable the Markup flag before and after markups have been generated for the PCI.



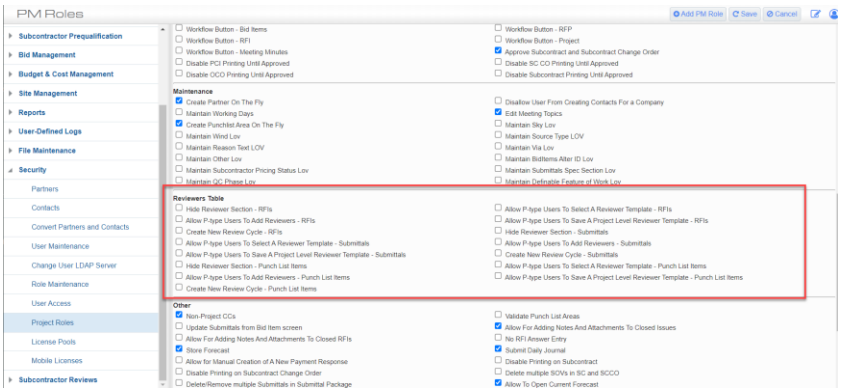


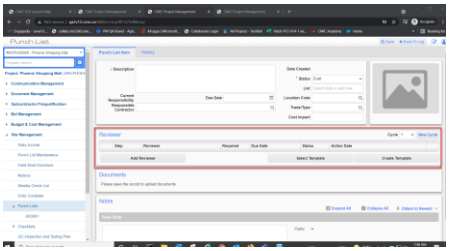


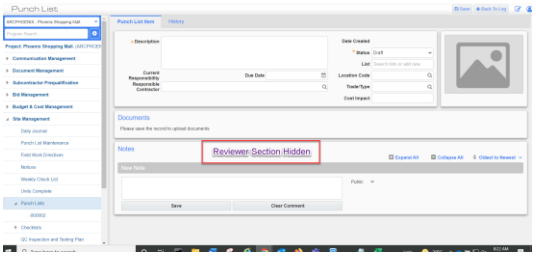
Punch List Item/Submittal/RFI – Hide Reviewers Section (21.45884)

A “Hide Reviewer Section” flag has been introduced in Project Roles – for each of the PM objects – RFI, Submittals, Punch List Item.

When checked, the Reviewers section of the particular PM object will be hidden for the PM role that has the flag checked.







Cost Code Template - Bid Item Entry and Add Phase ‘on the fly’ (20.21125)

The following screens were modified to accommodate changes made to facilitate the use of Cost Code Templates in “Bid Item Entry” and “Add Phase/Category on the fly” screens:

PM System Options

Added new flag option 'Apply Job template to cost codes in Bid item' under General tab. When this flag is checked the Cost Code Template feature for each screen takes effect and are described further below.

Add Phase/Category ‘on the fly’

Modifications were made to add a new Phase template field to filter Phase LOV based on template

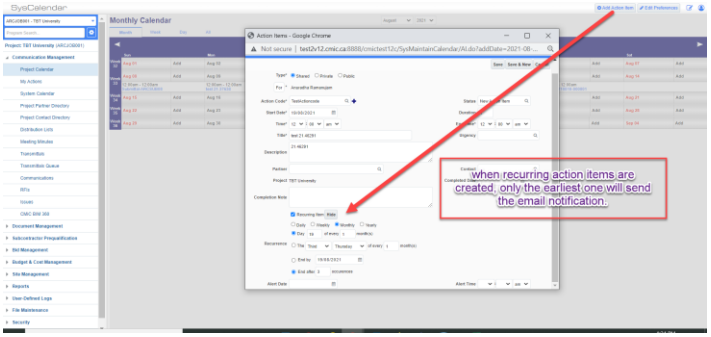
assigned against the job in the Job Entry – General tab in ADF. If no template is there then it brings all phases including master phase.

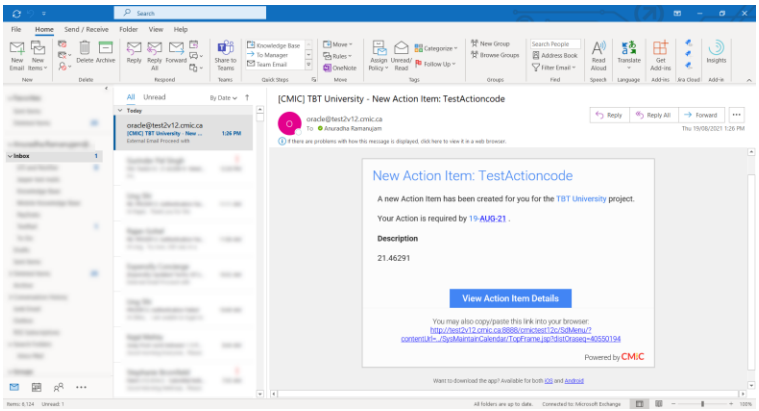
Bid Items

Modifications were made in the Bid Items entry screen to filter phase LOV based on template flag from PM System Options. Also included validation for the template for the Bid Item Import.

Action item Adjustments (21.46291/PM-1685)

When a Recurring Action Item is created, only the earliest one or the 1st action item will send the email notification, thereby avoiding receiving a large number of Action Item notifications all at once.

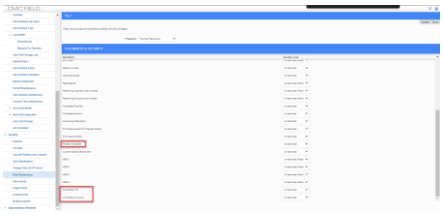


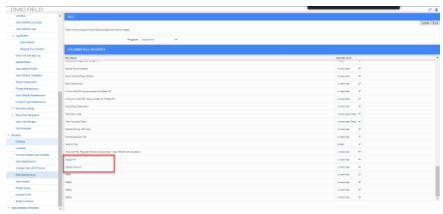


Subcontract/RFP - Down Payment and Amortization (20.31609)

New columns Deposit Amount, Deposit %, Amortization amount and Amortization % are added.

Down Payment and Amortization - Added field security options for columns contract deposit amount, percentage for SC entry screen and current deposit amount, percentage for RFP screen





Example with 1 SOV on Subcontract:

1. Posted Subcontract with one SOV and 10% retainage. a. Total Contract Amount: $70,000

b. Total Deposit Amount is $3,600

c. Total Retainage is $7,000 (10% of Total Contract Amount)

2. vendor submits RFP #1 for 25% of Original Contract Amount for SOV ($17,500). The following calculations are performed:

• Deposit Amount (Amount posted in Accounts Payable as a Deposit against the

Subcontract): Read only value displays $3,600

• Amortization Amount (Amount of the Deposit not yet allocated to Invoices): 3,600 – Sum of all Amortization Amounts on posted RFPs

• Amortization Amount (Amount of Deposit to be applied to the current Request for Payment): .25 * 3,600 = $900

• Net Payable Amount (Amount Payable on this Request for Payment after Retention ($1,750) and Deposit have been applied): 17,500 – 1750-900 = $14,850

3. Post the RFP. Standard posting routines apply. In our example, the net payment amount is $14,850 • Deposit Amount: Read only value displays $3,600

• Amortization Amount: $2,700 = 3,600 – 900 (Deposit Amount - sum of all Amortization Amounts on posted RFPs)

• Amortization Amount: $360 = .1 * 3,600 (Percent Complete value * Deposit Amount)

• Net Payable Amount: $5,940 = 7,000 – 360 (Current Amount – Applied Deposit Amount – Current Retainage Amount)

1. Vendor enters a second RFP for 10% or $7,000.

Calculations:

Example with Multiple SOV on Subcontract:

1. Posted Subcontract with 3 SOV and 10% Retainage: a. Total Contract Amount: $1,539,656.13

i. SOV 1: $534,187.5

ii. SOV 2: $335,156.13

iii. SOV 3: $670,312.5

b. Total Deposit Amount: $461,896.84

i. SOV 1: $160,256.25

ii. SOV 2: $100,546.84

iii. SOV 3: $201,093.75

- 2. Vendor enters RFP using Percent Complete in each SOV.

a. Current Amount

i. SOV 1: 15% = $80,128.13

ii. SOV 2: 12% = $40,218.74

iii. SOV 3: 20% = $134,062.5

iv. 10% Retainage: $25,440.94

b. Deposit Amount Applied for each line:

i. SOV 1: 15% = $24,038.44

ii. SOV 2: 12% = $12,065.62

iii. SOV 3: 20% = $40,218.75

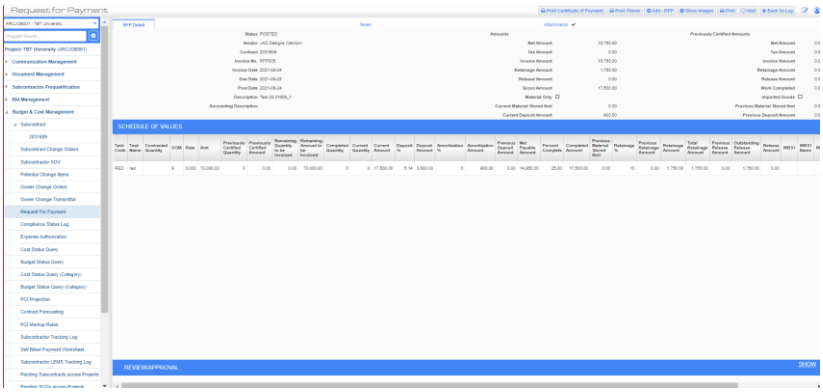
c. The Net Pay is Deposit Amount – Retainage – Amortization Amount

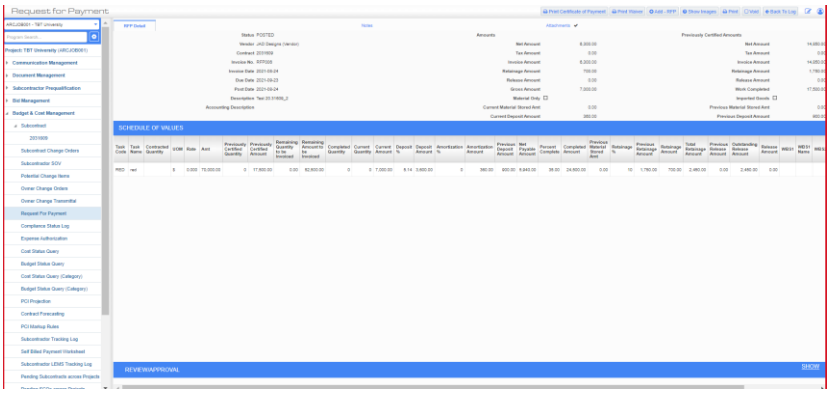
i. SOV 1 = 80,128.13 - 8,012.81 - 24,038.44 = $48,076.88

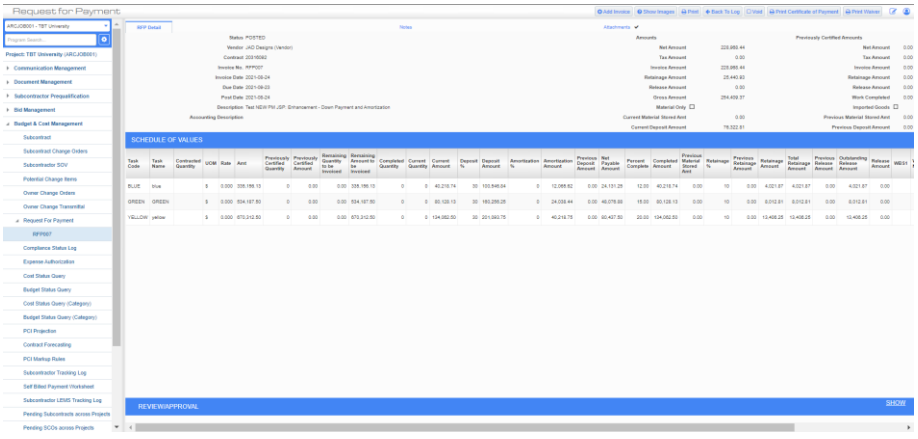
ii. SOV 2 = 40,218.74 – 4,021.87 - 12,065.62 = $24,153.12

iii. SOV 3 = 134,062.5 – 13,406.25 - 40,218.75 = $80,437.50

iv. Net Pay for entire payment: $152,645.62







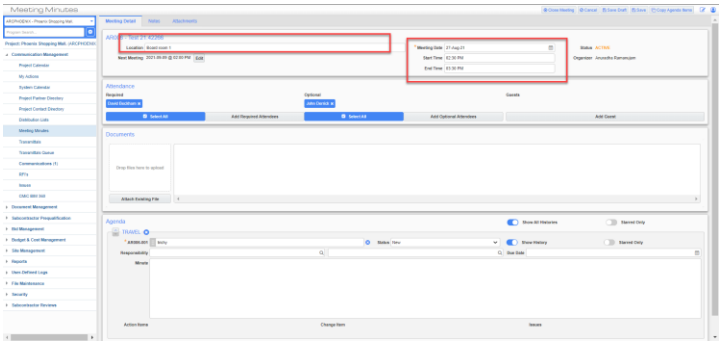
Menu Item Security/Privilege for New Checklist (Beta) Program
(21.42556/PM-1571)

A Menu Item Security/Privilege has been added for New Checklist (Beta) program. This privilege will determine whether a given user's role has access to the new Checklist Execution screen.

Meeting Minutes - Date, Time, Location Editable in Active Meeting
(21.42266 /PM-1541)

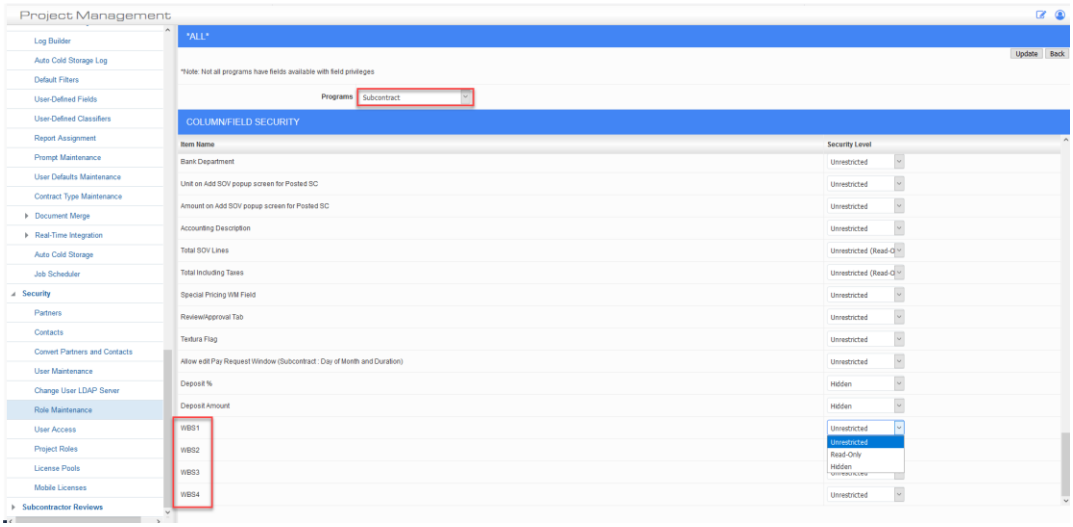
Location, Date and Time are editable while a meeting is Active.

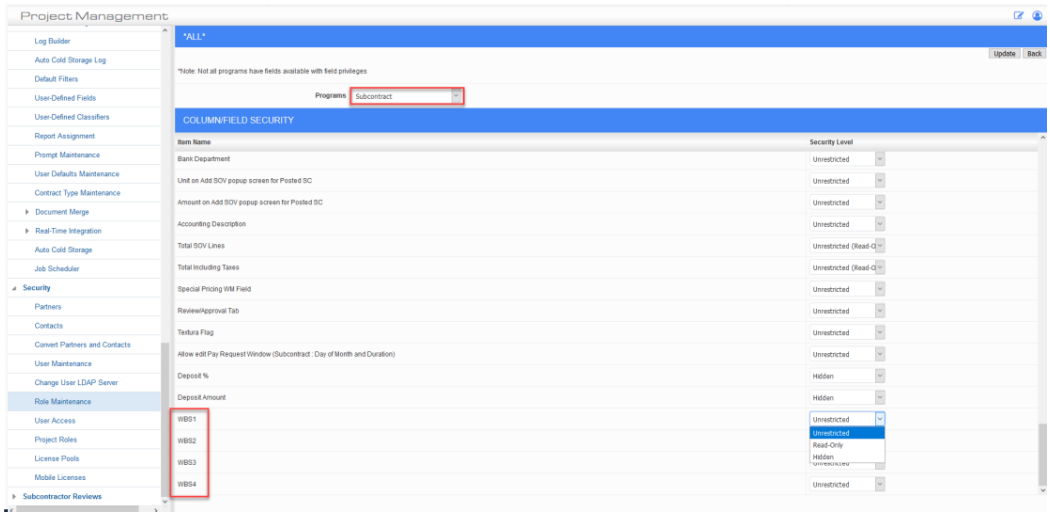
Next meeting date should not change without approval.

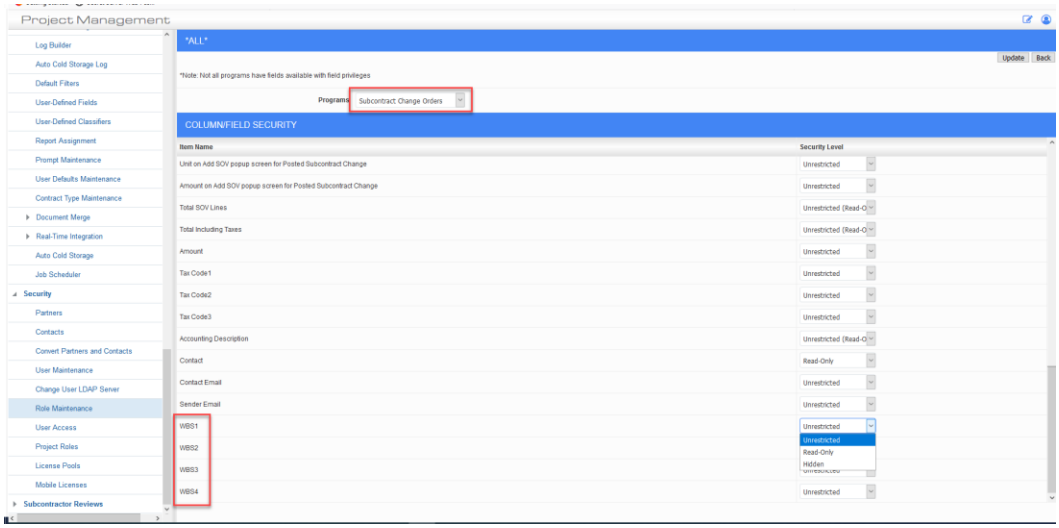


Added Field Security for WBS fields for PCI, SC and SCCO (21.42451)

- Added Field Security for WBS Fields for PCI, SC and SCCO screens with three options: Unrestricted, Hidden and Read-Only.







Subcontract ID Generated on Saving (21.44825)

In the Subcontract Entry screen when adding a subcontract, the logic has been changed to generate Subcontract ID **ON SAVING** a subcontract, when auto-numbering is in use, instead of after entering the Vendor (previously), to avoid the system trying to assign the same Subcontract ID to multiple users who might be in the Add Subcontract screen at the same time.

Punch List Item Log Enhancements as Standard Log (21.39438/PM-1395)

The following modifications have been made to the Punch List Items Log:

- List of items removed:

  Welcome Message

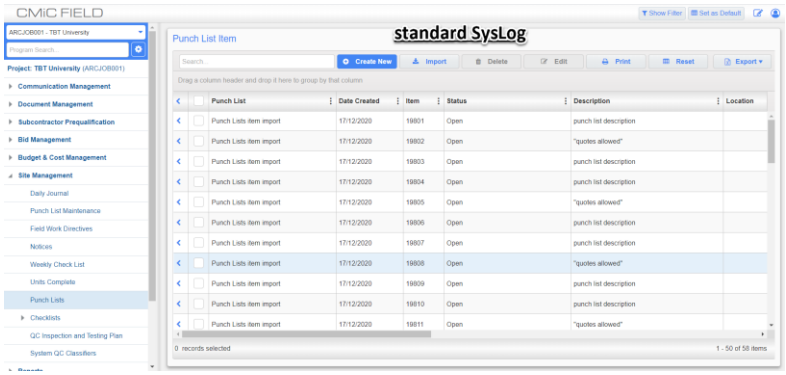
Default Grouped by Punch List

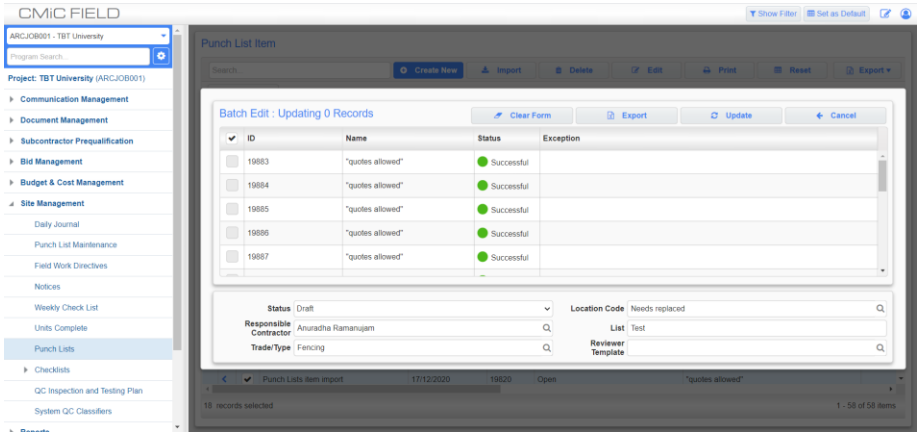
Color coding for Punch List Item Status

Drawing Location Icon

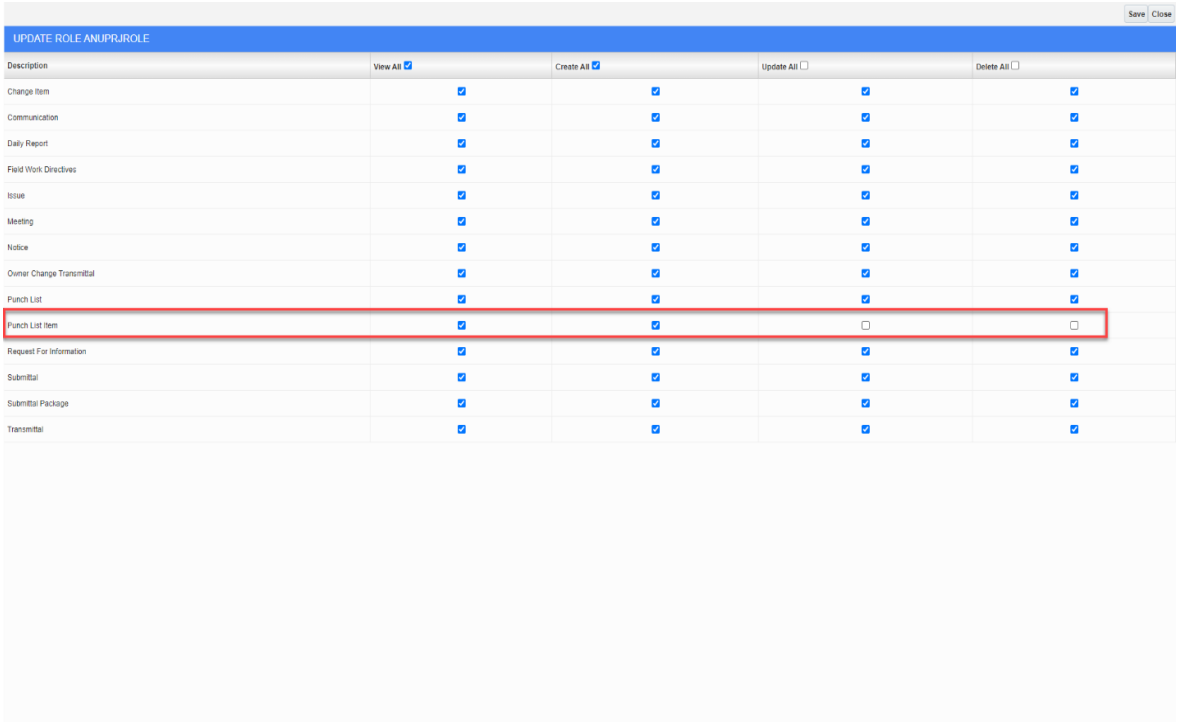
Share Feature

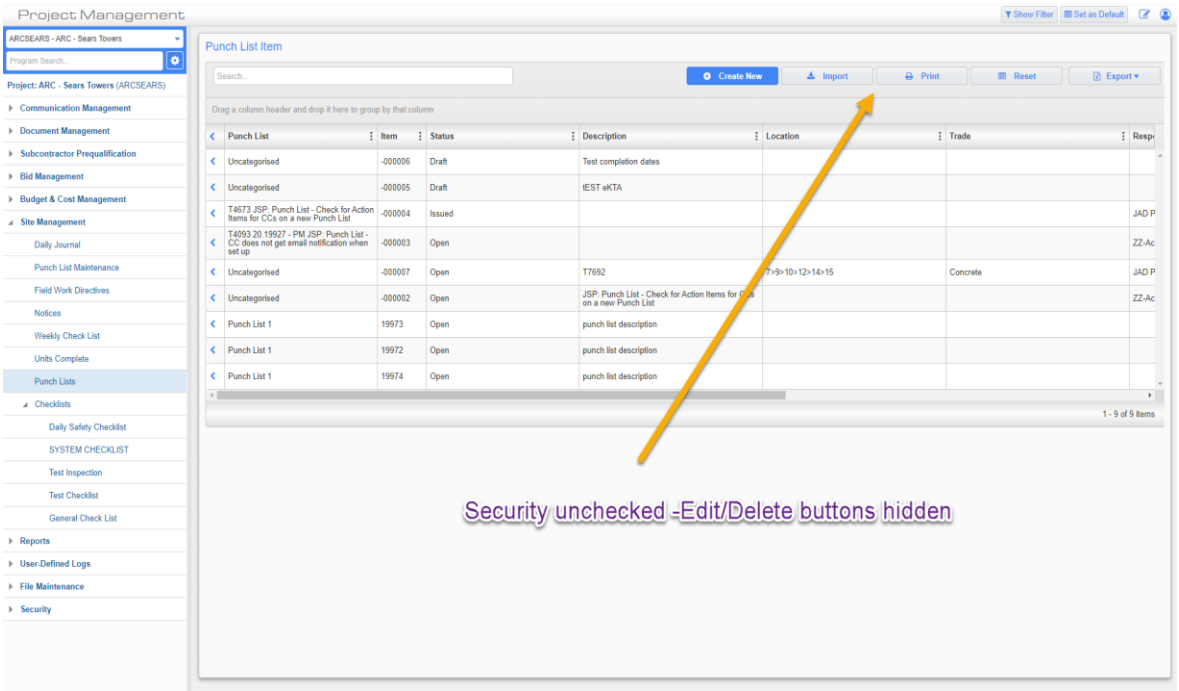
- Batch Edit is completely modified by introducing a grid to trace updated records with/without errors, export chosen records.
- Validations are added for batch edit fields (error messages)
- Back To Log will direct to standard Punch List Item log

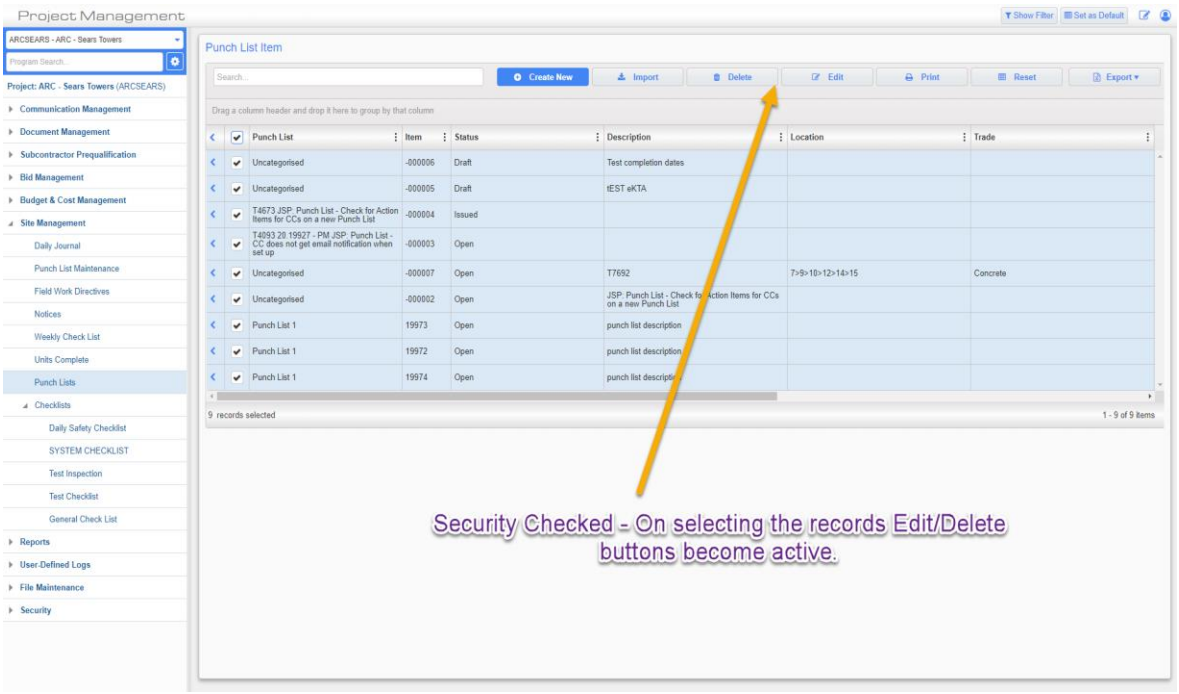




- Added security privilege to Punch List Item log Edit and Delete buttons.
- Edit button will only be enabled if User has Update All privilege for Punch List Items:

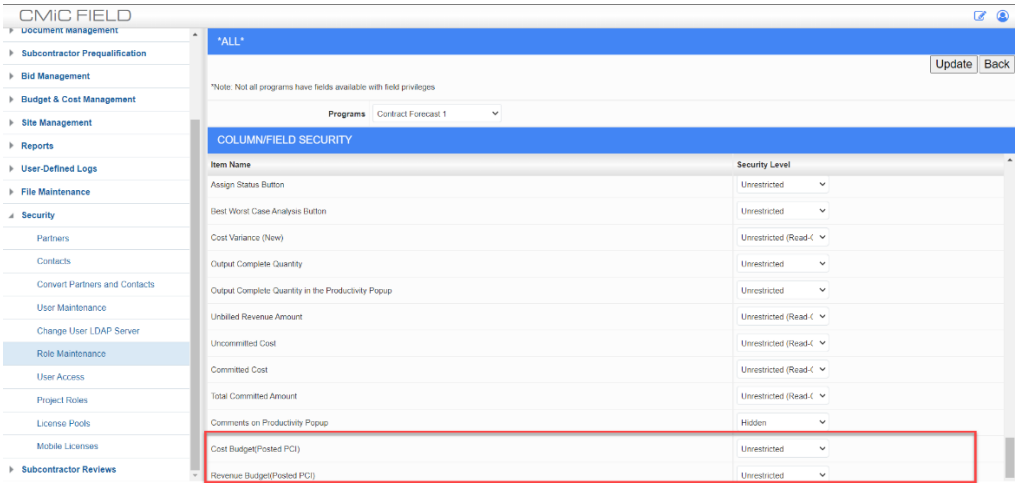

Save
Close
UPDATE ROLE ANUPRJROLE
Description
View All
Create All
Update All
Delete All
Change Item
Communication
Daily Report
Field Work Directives
Issue
Meeting
Notice
Owner Change Transmittal
Punch List
Punch List Item
Request For Information
Submittal
Submittal Package
Transmittal

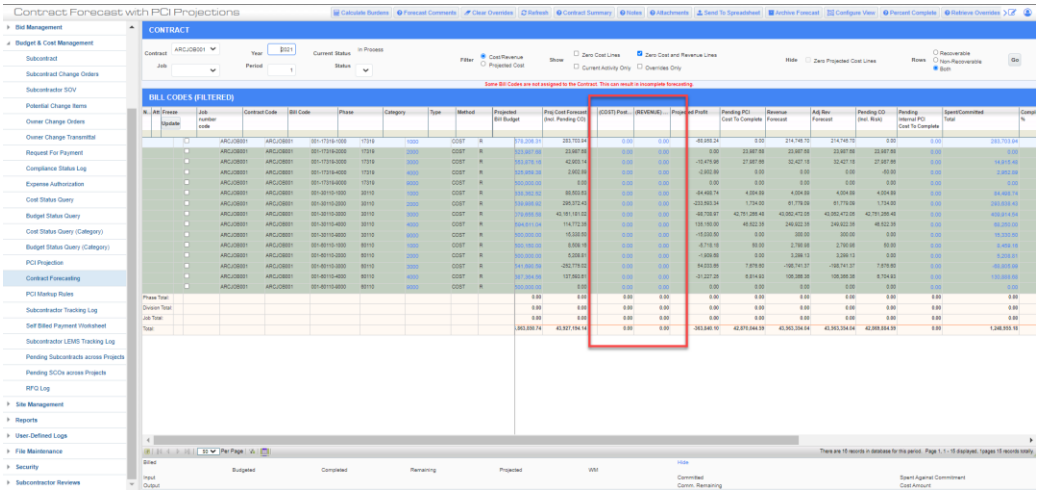

Project Management
Show Filter
Set as Default
ARCSEARS - ARC - Sears Towers
Program Search...
Project: ARC - Sears Towers (ARCSEARS)
Communication Management
Document Management
Subcontractor Prequalification
Bid Management
Budget & Cost Management
Site Management
Daily Journal
Punch List Maintenance
Field Work Directives
Notices
Weekly Check List
Units Complete
Punch Lists
Checklists
Daily Safety Checklist
SYSTEM CHECKLIST
Test Inspection
Test Checklist
General Check List
Reports
User-Defined Logs
File Maintenance
Security
Punch List Item
Search...
Create New
Import
Print
Reset
Export
Drag a column header and drop it here to group by that column
Punch List
Item
Status
Description
Location
Trade
Uncategorised -000006 Draft Test completion dates
Uncategorised -000005 Draft tEST eKTA
T4673 JSP: Punch List - Check for Action Items for CCs on a new Punch List -000004 Issued JAD P
T4093 20.19927 - PM JSP: Punch List - CC does not get email notification when set up -000003 Open ZZ-Ac
Uncategorised -000007 Open T7692 Concrete JAD P
Uncategorised -000002 Open JSP: Punch List - Check for Action Items for CCs on a new Punch List ZZ-Ac
Punch List 1 19973 Open punch list description
Punch List 1 19972 Open punch list description
Punch List 1 19974 Open punch list description
1 - 9 of 9 items
Security unchecked -Edit/Delete buttons hidden



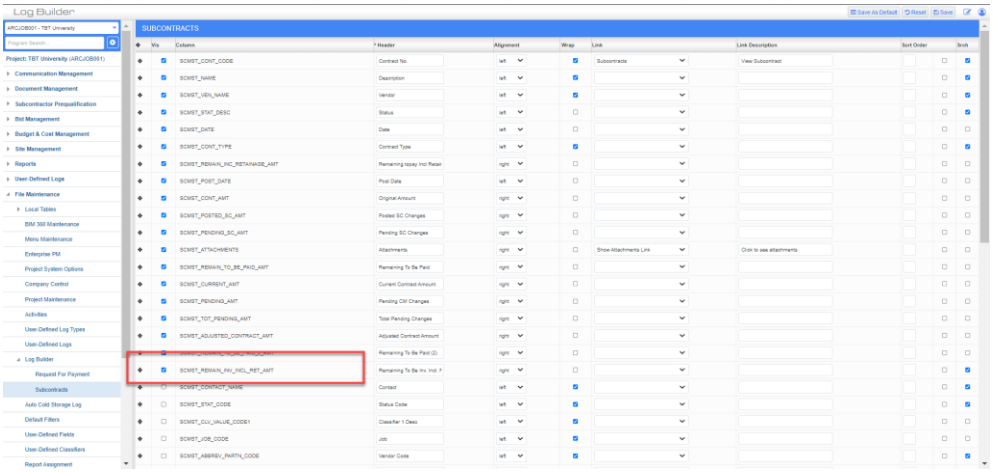
Contract Forecast – Cost Budget/Revenue Budget Posted PCI
(21.45017)

- Added columns JCCF_PCI_COST_BUDGET and JCCF_PCI_REVENUE_BUDGET.
- Added field securities for new columns JCCF_PCI_COST_BUDGET and JCCF_PCI_REVENUE_BUDGET in forecast.





Subcontracts – Invoiced Amount Remaining Including Retainage (21.42169)



Added new Column - SCMST_REMAIN_INV_INCL_RET_AMT to the Subcontract Log, which is the Invoiced Amount Remaining Including Retainage.

It is calculated as:

Remaining to be Invoiced Including Retainage = (Contract amount – (RFP Gross Amount- Retainage Amount)).

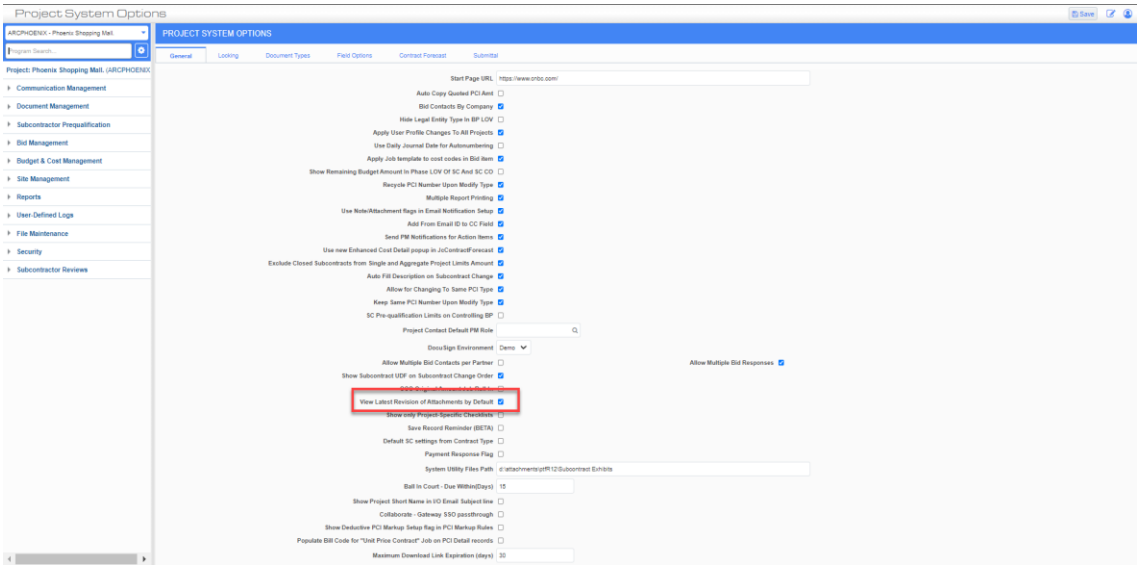
NOTE: This new column only considers Posted Invoices, unposted invoices are not included.

Expose the Flag for Update with Latest Revision (21.40497)

CMiC has exposed the PM System Options flag “View Latest Revision of Attachments by Default” by displaying it on the user interface screen. In the database it is the field

da.PMSYS_UPDATE_WITH_LATEST_REV, and controls whether all revisions or only the latest revision of an attachment is shown in the Attachments tab of PM objects.

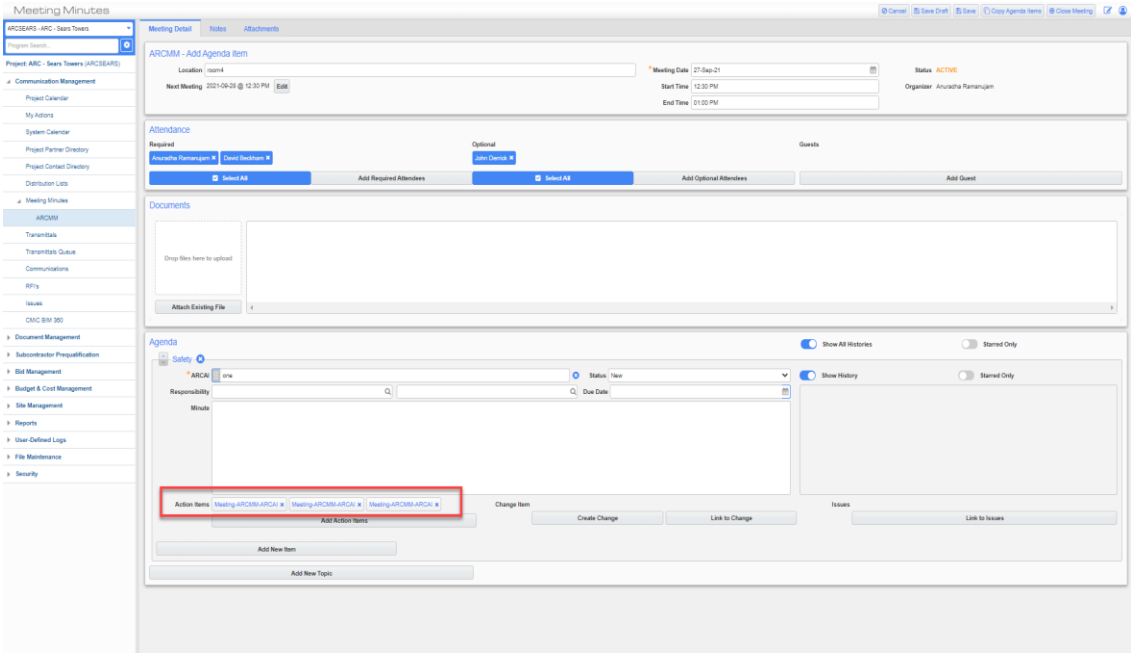
NOTE: This setting (ON/OFF) only takes effect with new records that are created after it is changed (requiring a new browser session as well).



Meeting Minutes - Allow Creation of Multiple Action Items

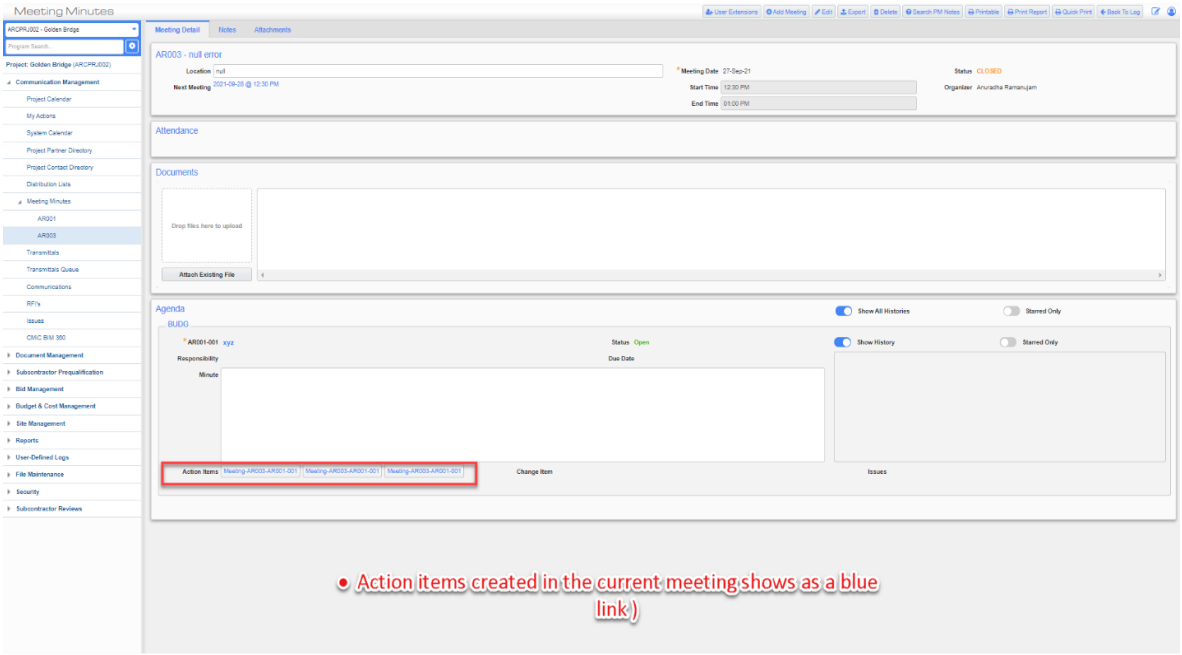
(21.40919/PM-1296, PM-1297)

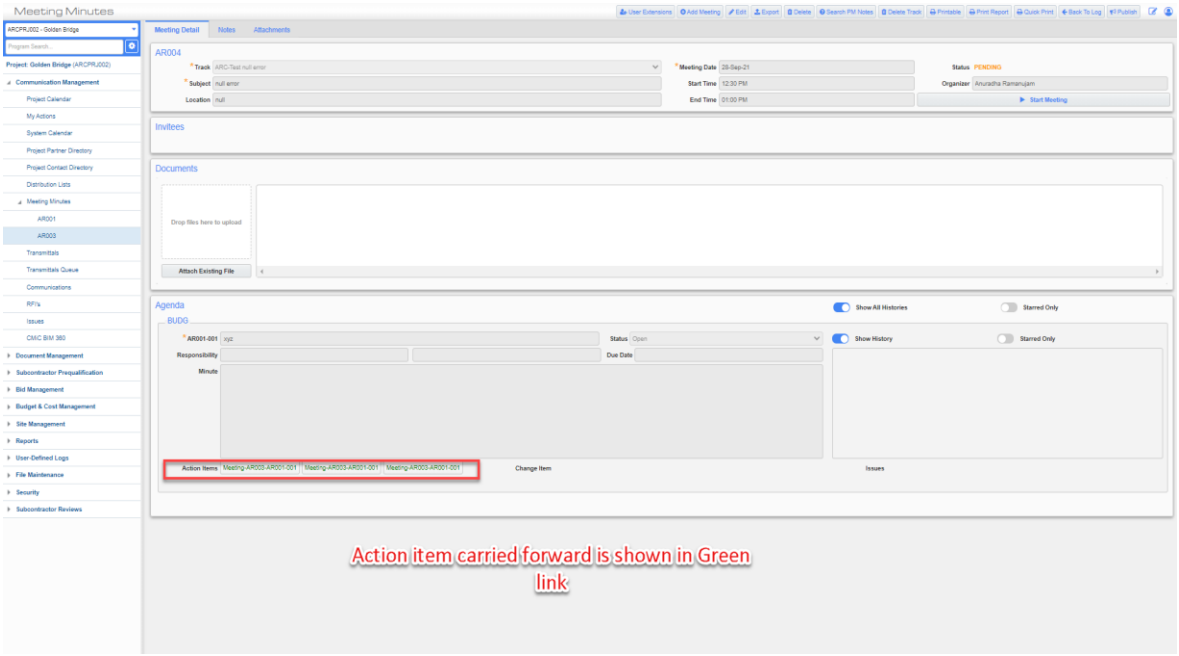
Changes have been made to enable the creation of multiple Action Items for a single agenda item.



Also, changes include the carrying forward of Meeting Minute Action Items as well as the Responsibility, as long as the Agenda Item or Action item is still open.

Action items created in the current meeting show as a blue link and the action item carried forward is shown with a green link (screenshots shown below).

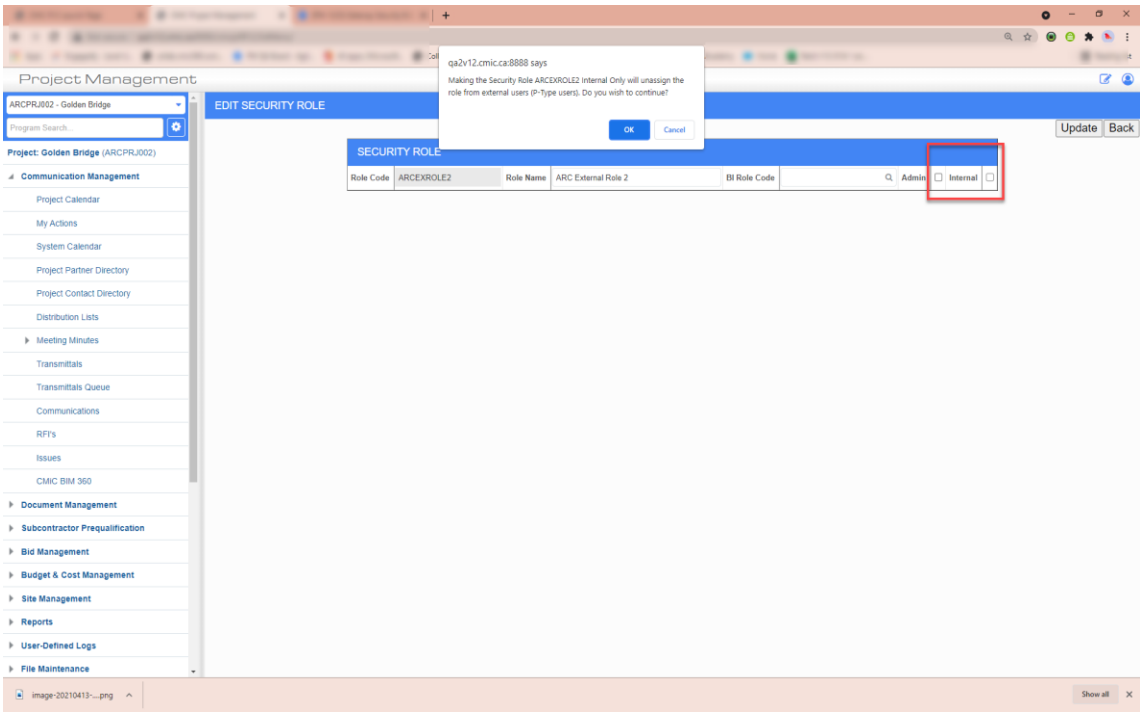


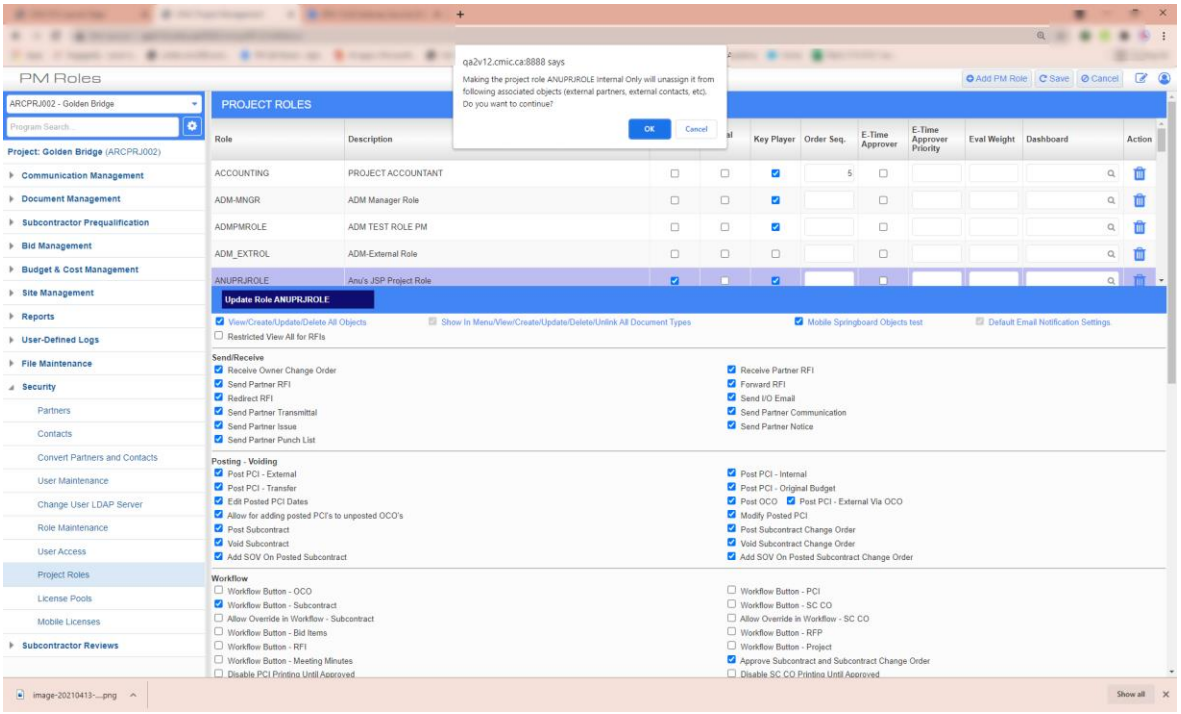


Security Role Flags to Limit Roles Selected in Gateway (21.41705)

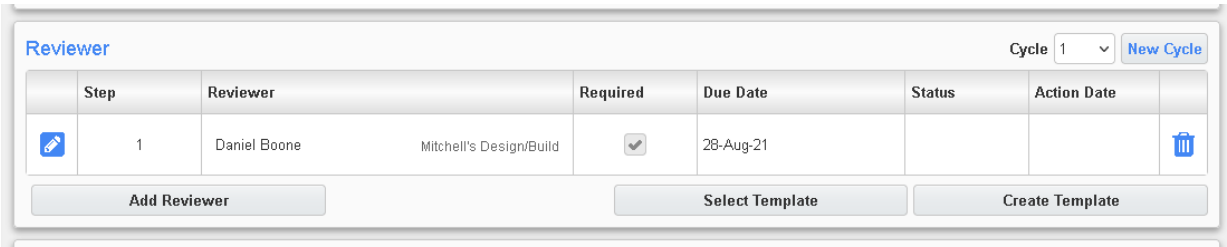
The following changes were made for this enhancement:

- Addition of an **Internal Only** Flag to the Role Maintenance screen to limit Roles selected in Gateway
- P type user will only see external roles in role assignment.
- Project Maintenance - Modified Gateway project and security roles not to show ‘Internal Only’ roles.





Reviewers Component Enhancements (21.44326)



The following enhancements have been made to the Reviewers component in PM JSP (Punch List Item and RFI).

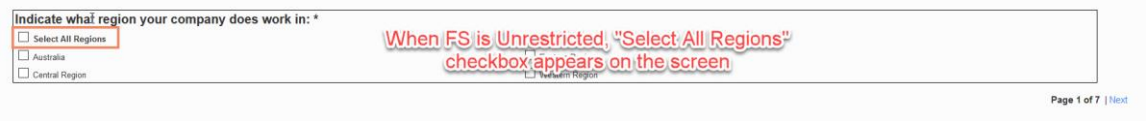
- Cycle Number field and [New Cycle] button added.
- Reviewers sequence validation – there must at least one other required reviewer between subsequent same reviewer.
- A new cycle is created with the same reviewers set but new due dates
- Ability to navigate between cycles
- Previous cycles are not editable.
- The same reviewers must have a different mandatory reviewer in between

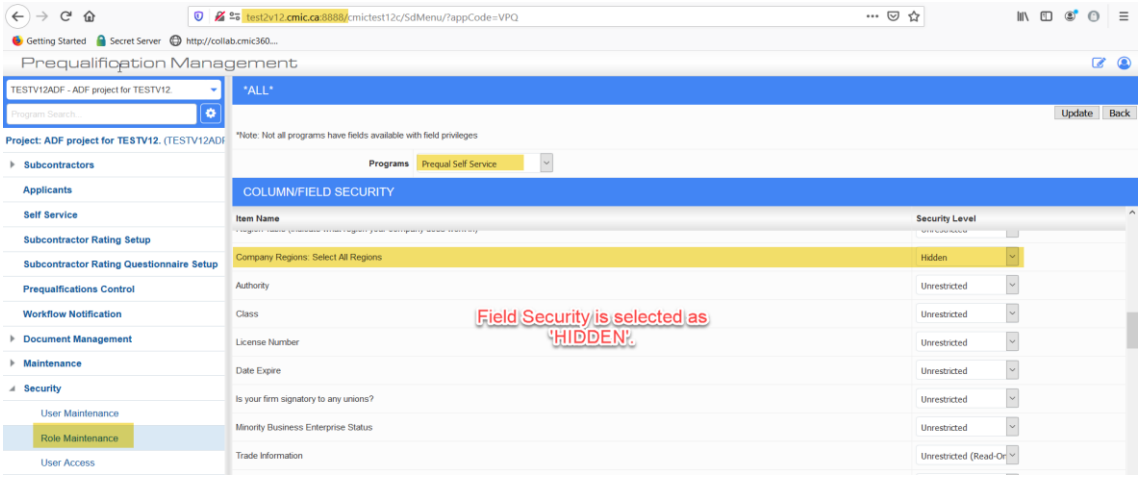
Self Service and Subcontractor Prequalification – Enhancements (21.38593)

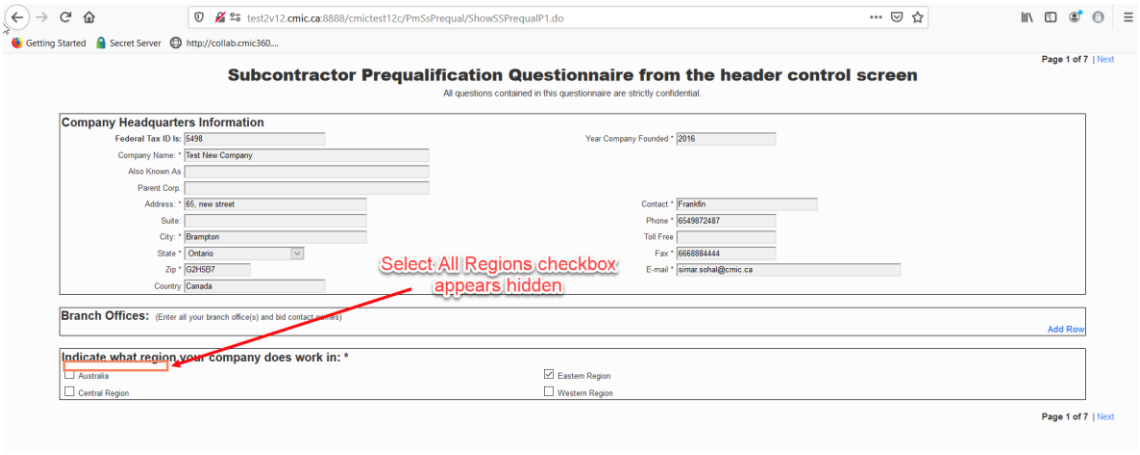
Enhancements have been made in both Subcontractor and Self Service Prequalification screen. Some items have been added/removed.

Self Service Prequalification enhancements:

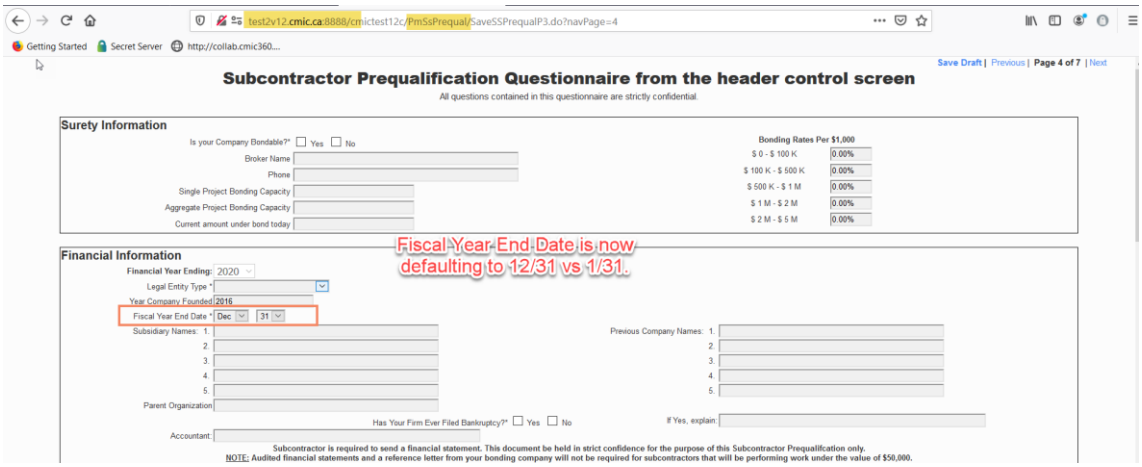
Field Security has been added for the “Select All Regions” checkbox in the region section on Page 1. It can be made ‘Hidden’ or ‘Unrestricted’ in the Security > Role Maintenance screen (for the Prequal Self Service program).



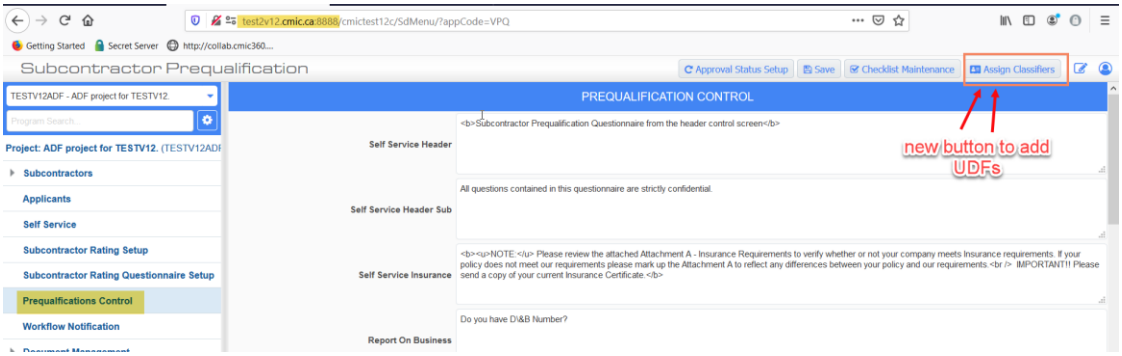


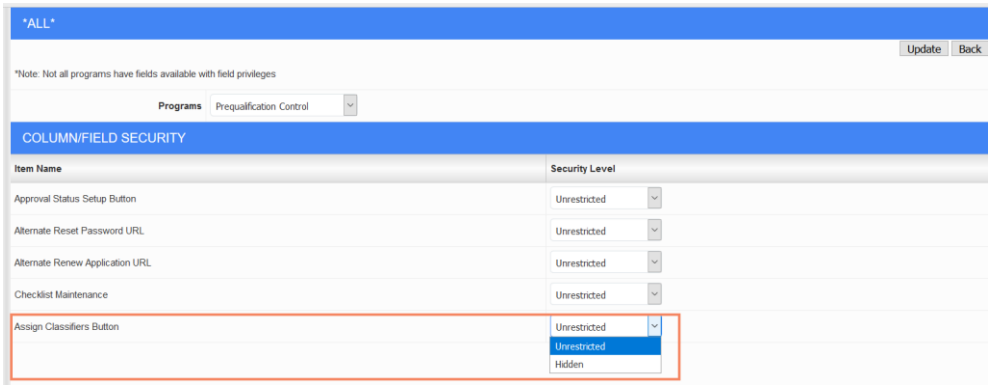


- In 'Financial Information' section (page no. 4), changes have been made to default Fiscal Date to Dec 31 vs Jan 31.



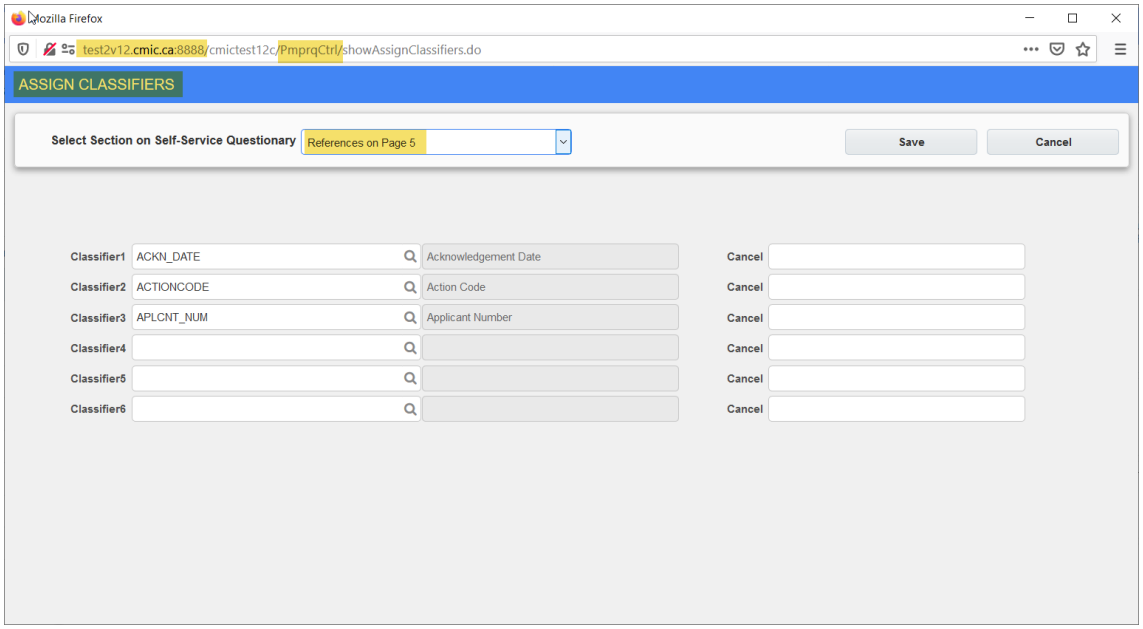
- A new button [**Assign Classifiers**] has been added to the Prequalifications Control screen next to [**Checklist Maintenance**] button. This button has been secured by Field Security (Hidden/Unrestricted).

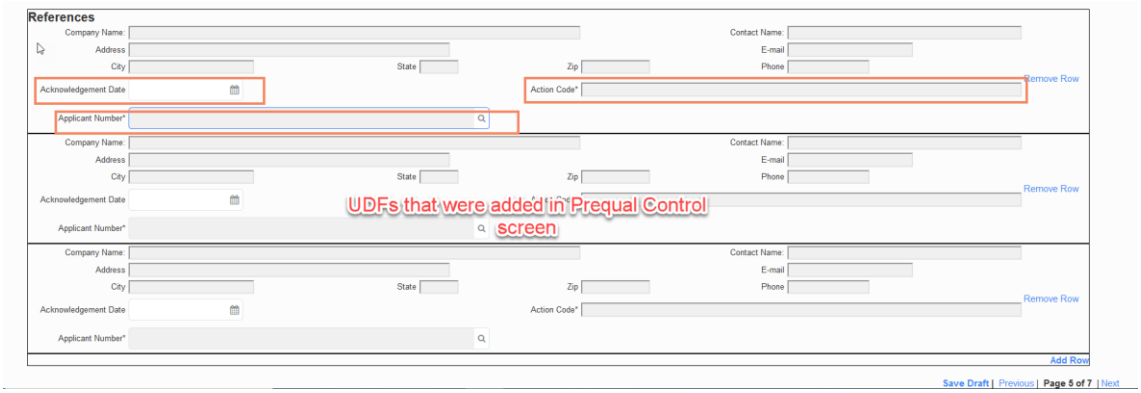




Clicking on the button displays ‘Assign Classifiers’ pop-up, in which six classifier columns have been added for ‘References’ section on Page 5.

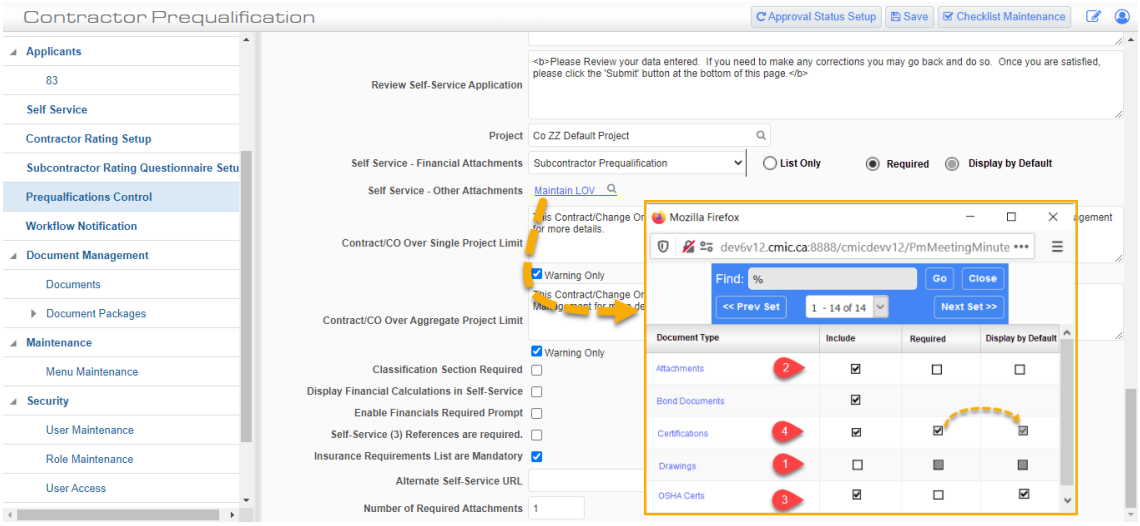
NOTE: CMiC Classifiers functionality does not support Drop-Down type and it can only be an LOV.





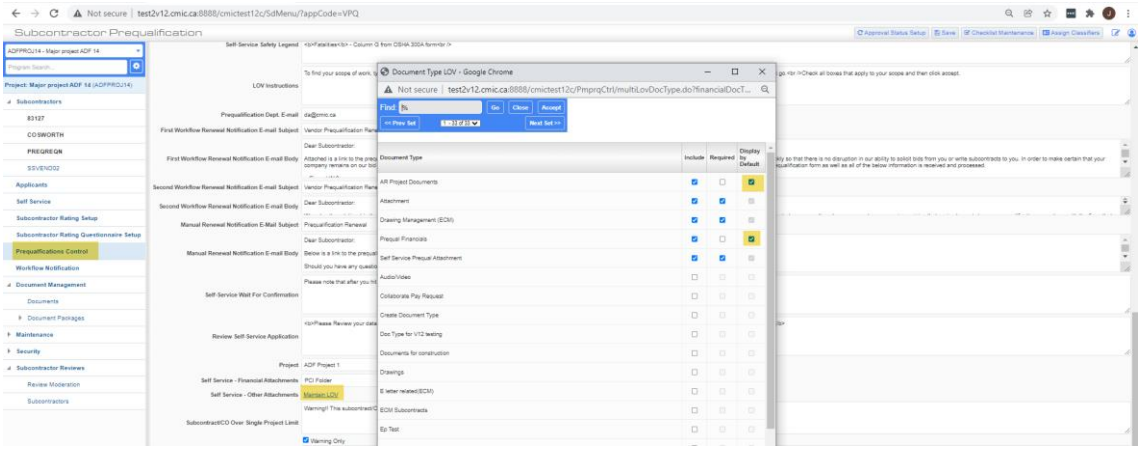
- In the Prequalifications Control screen, the 'Self Service – Other Attachments' drop-down list has been replaced with a Multiselect LOV pop-up. This pop-up determines which Document Types are available in the Document Type drop-down list in the Attachments section on page 6 of the Prequal form. The LOV has three checkboxes:
  1. **Include** (multiple Records - determines if the associated Document Type will show up in the drop-down list in the Attachments section on page 6 of the Prequal form. When unchecked the Required and Display by Default flags are disabled.)
  2. **Required** (determines if the Document Type is required for form submission. When checked Display by Default checkbox will be automatically checked and disabled.)
  3. **Display by Default** (ensures that a line in the Attachments section is shown by default with this Document Type pre-selected from the drop-down list, however, uploading a document of this type will be optional if the required flag is not checked.)

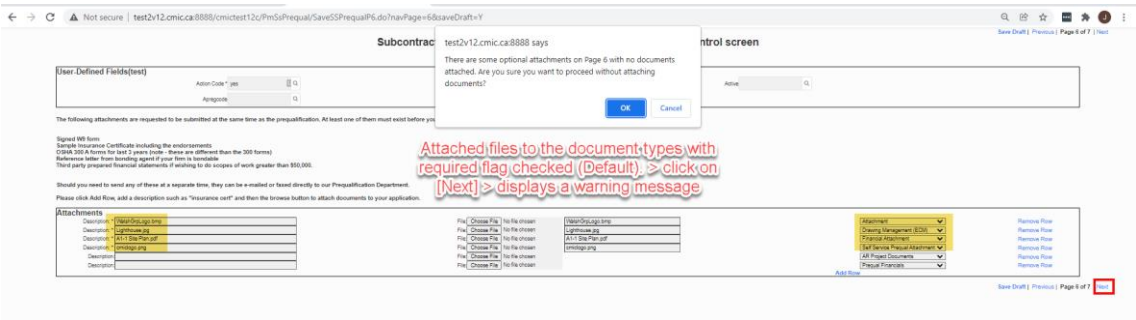
On clicking the Accept button on the LOV, changes to **both** Financial Attachments (if any) and Other Attachments will be saved. The selected Document Types will be available in Attachments section on Page 6 as Document Type drop-down list for each attachment.



NOTE: For each Document Type (Financial and Other attachments) for which Display by Default flag is checked, one row will be created in the Attachments section with this Document Type pre-selected from the drop-down list.

- If the Document Type is set as Required, the Required icon is displayed next to the Description prompt and all the existing logic for required attachments is applied.
- If it's not required but set as [Display by Default] in Prequal Control then on page navigating and submission, a soft-warning message will remind users that they have not uploaded documents of this type and ask if they would like to return to the form before proceeding.

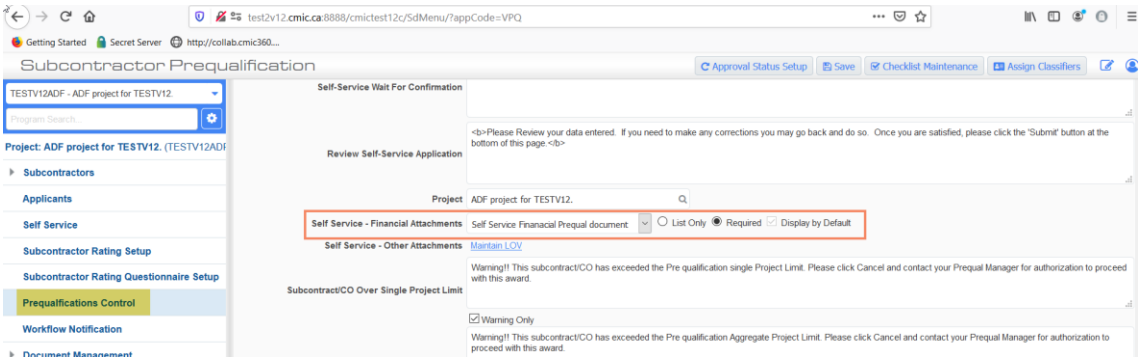




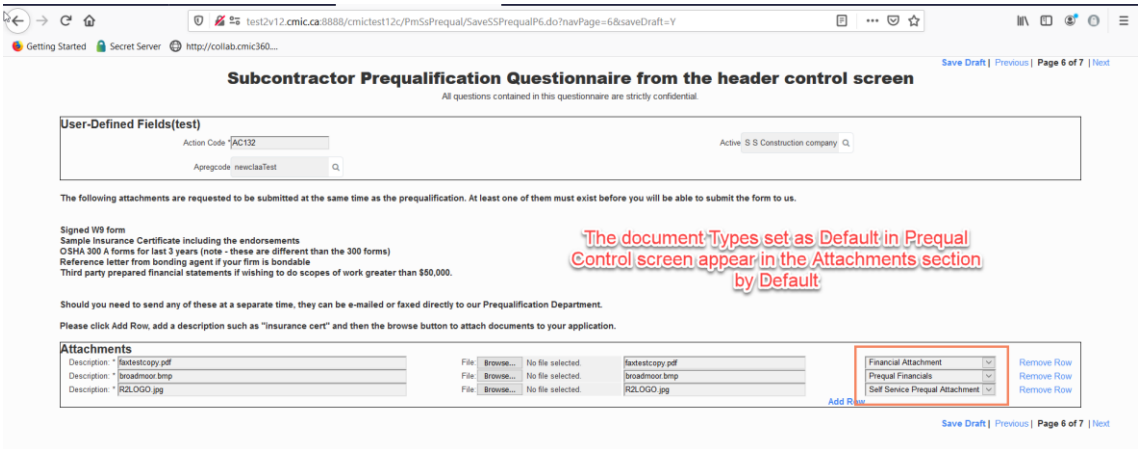
Radio options have been added for 'Self Service – Financial Attachments' which allow the user to select:

1. List Only
2. Required (Display by Default)

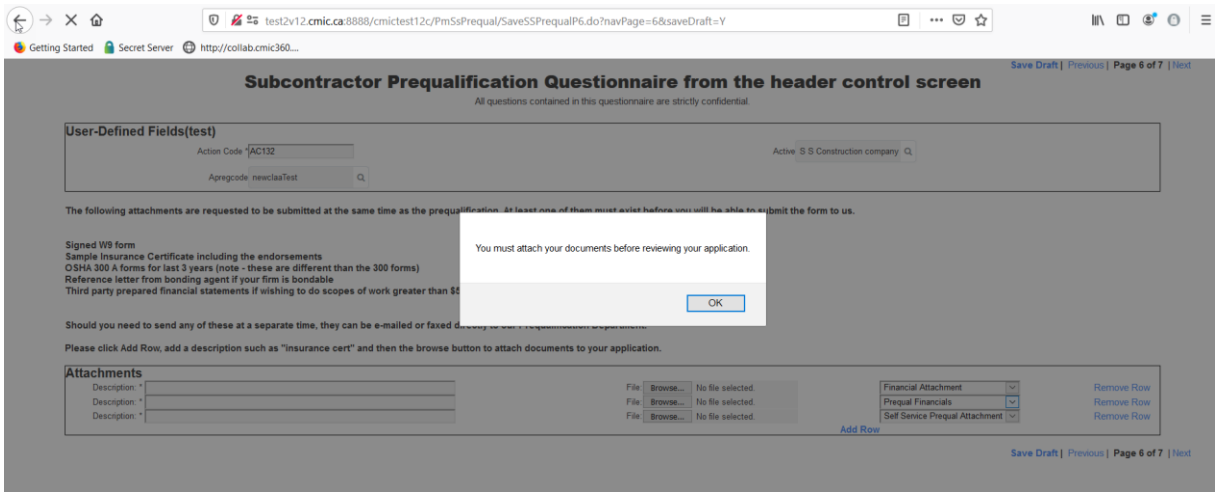
The Attachments section on Page 6 will display the default values (Rows can be added or removed as per requirement). Default value will be either the Attachment Type defined as Financial Attachments, if Financial Attachment checkbox is checked or [**Other Attachments**] default Type.



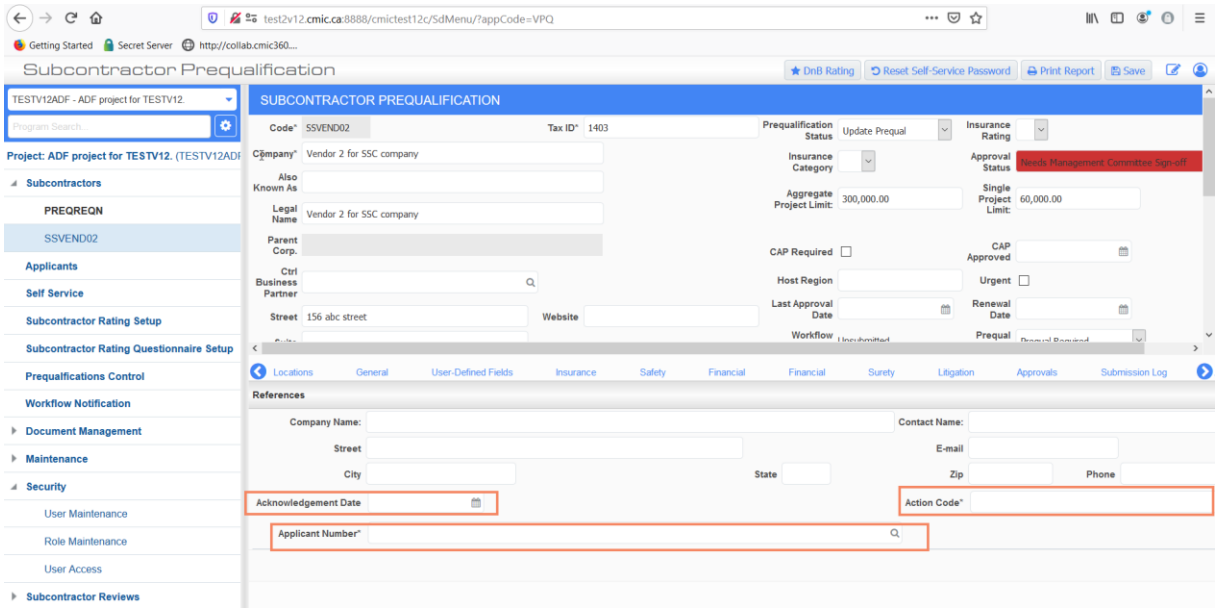
Added row for each Display by Default Document Type.



Added validation of required and display by default document types and to show warning messages or prevent form submission

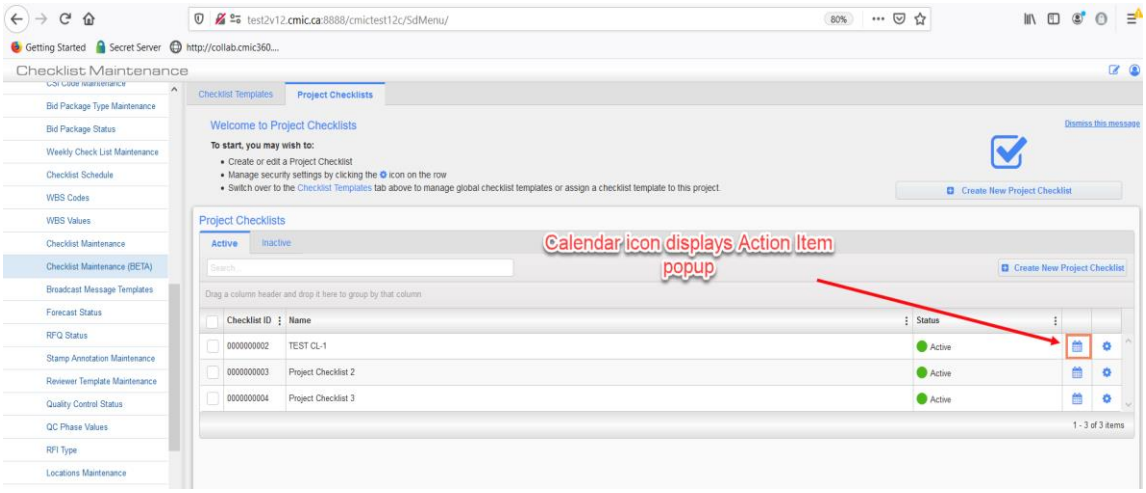


- Classifiers (Added in Assign Classifiers pop-up) have been added to SC Prequalification screen – References tab.

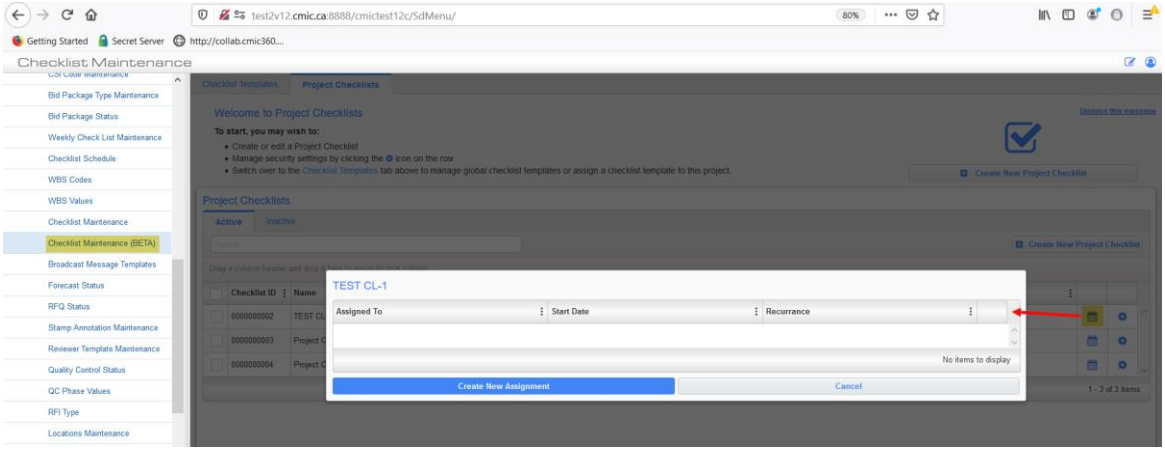


Checklist Maintenance (Beta) – More Enhancements (18.60270)

Action Item are now included in Checklist Maintenance (Beta) screen as shown below.

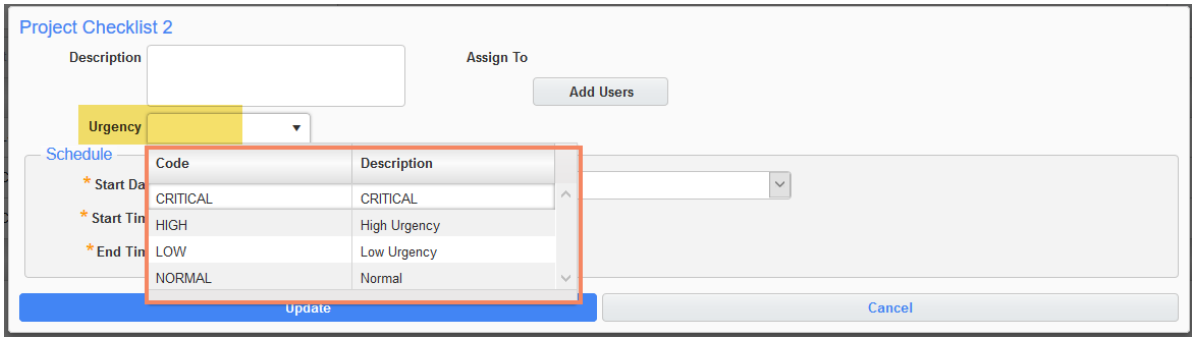


Clicking on the ‘Calendar’ icon displays the Action Item pop-up, where the user can create new action items or can edit or delete the existing action items.

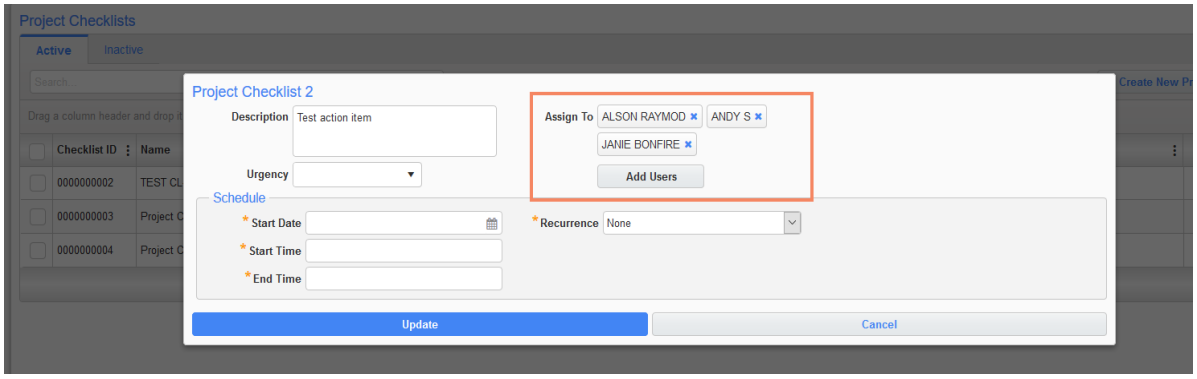


Clicking on ‘Create New Assignment’ gives the screen to add new Action Item.

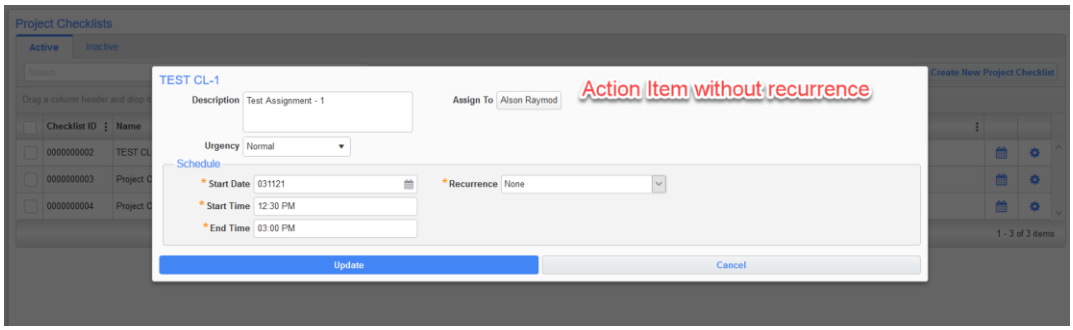
A new feature ‘Kendo multicolumn combo box’ has been added for Urgency dropdown.

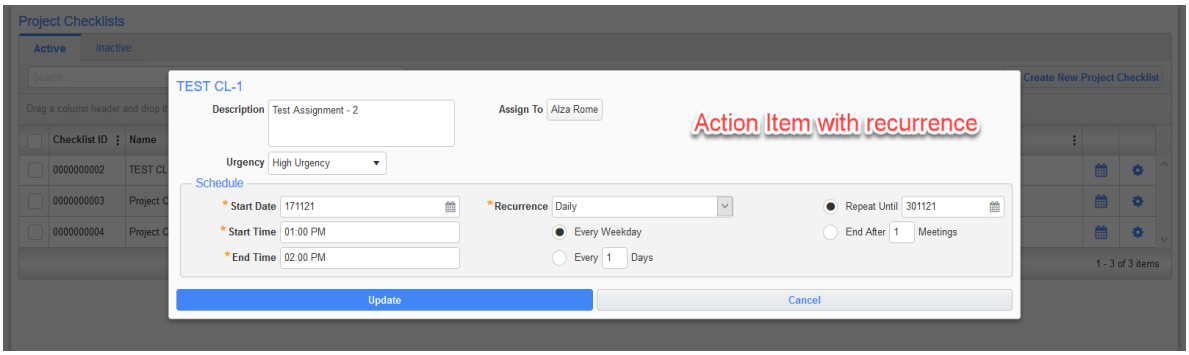


A particular Action Item can be assigned to multiple contacts.



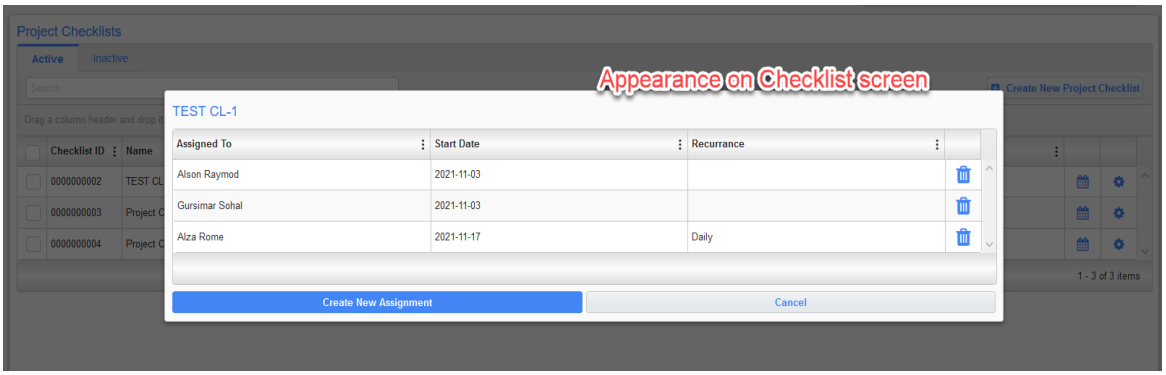
User can create action items with or without recurrence and can Update them.



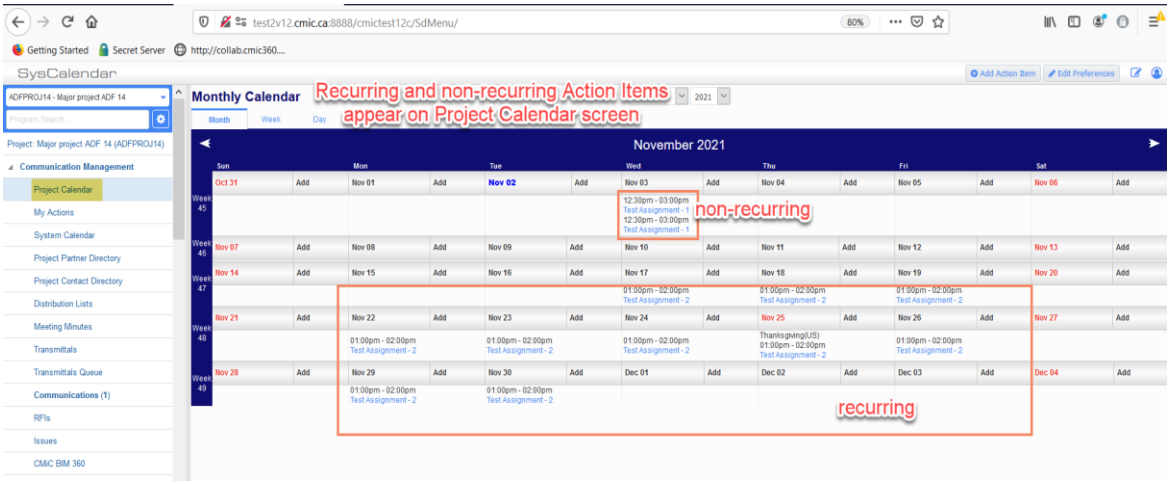


After updating, the Calendar icon pop-up displays the list of all recurring and non-recurring Action Items.

User has the ability to Edit it by selecting it and to Delete it by clicking on Delete icon.



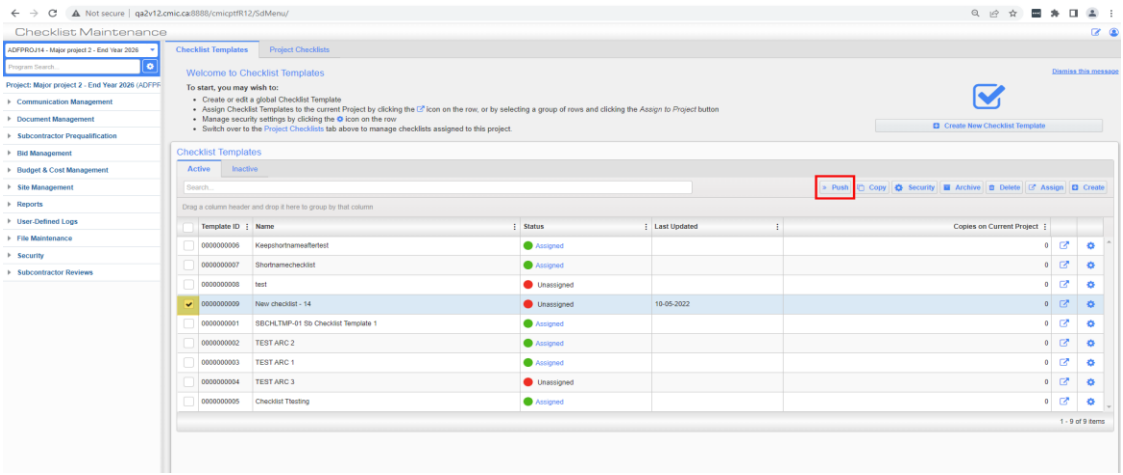
The Action items (recurring / non-recurring) added in the Checklist maintenance screen appears on the Project Calendar screen.

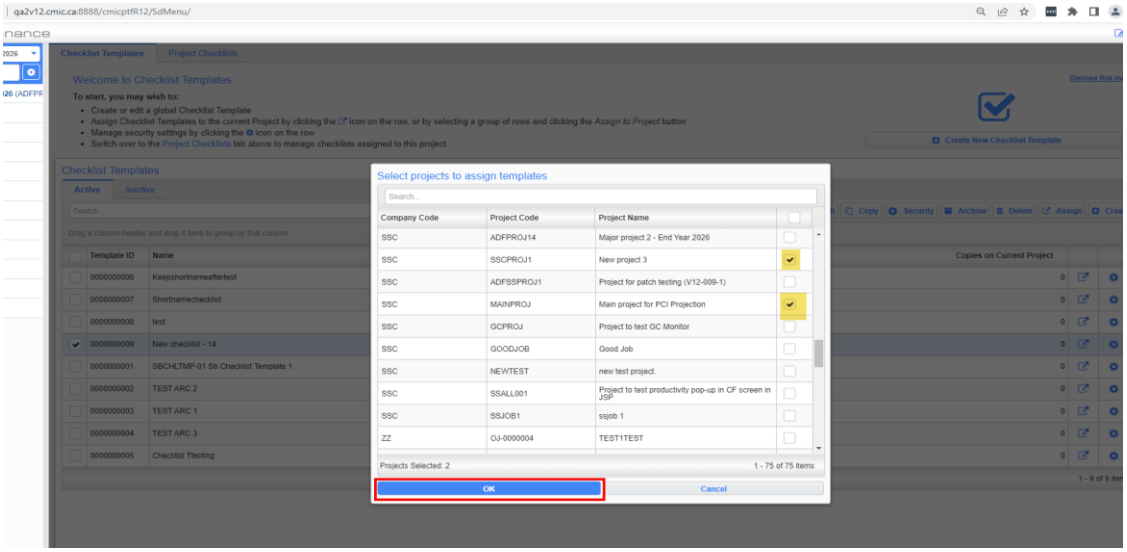


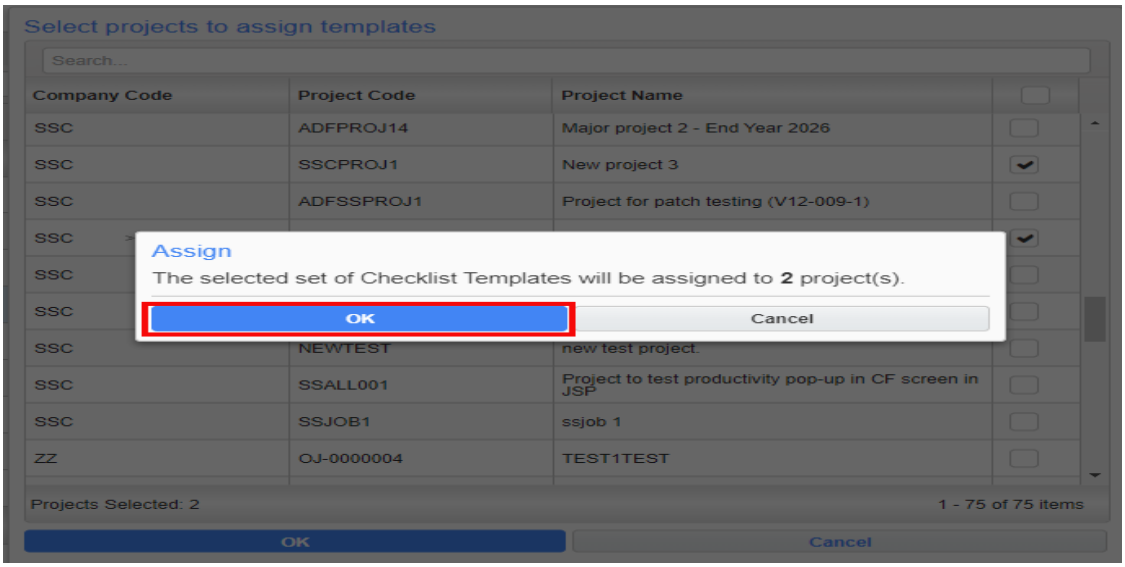
Checklist Maintenance (Beta) – Ongoing Enhancements (18.60270)

Following enhancements have been made in Checklist Maintenance (Beta) screen:

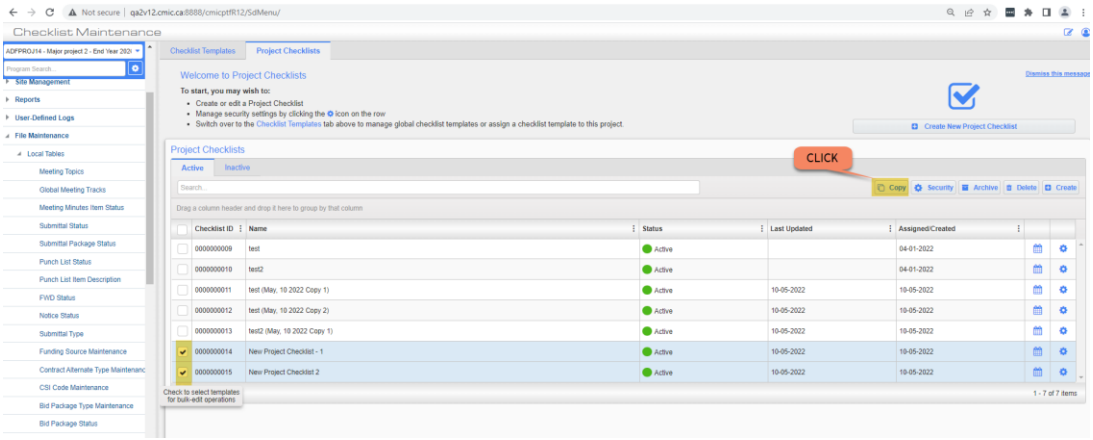
- A new PUSH functionality has been added for Global templates. It allows the user to assign the selected global templates to multiple projects.

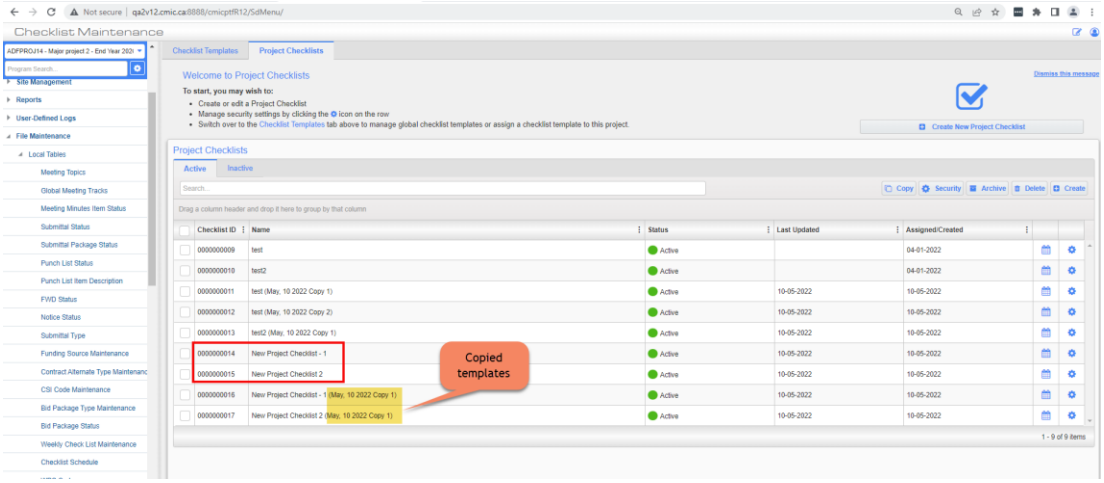






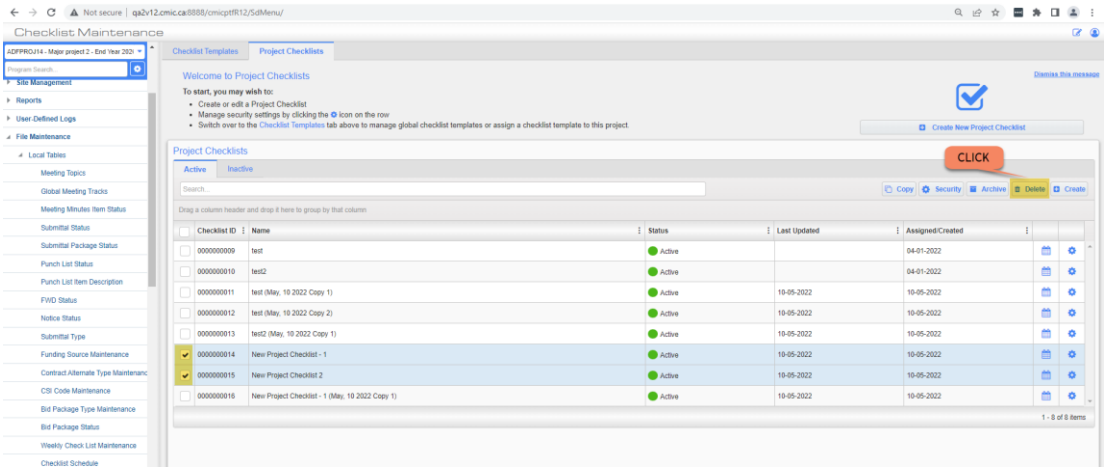
- COPY functionality has been added for both Global and Local Templates. User can copy one or multiple templates (Global or Local).

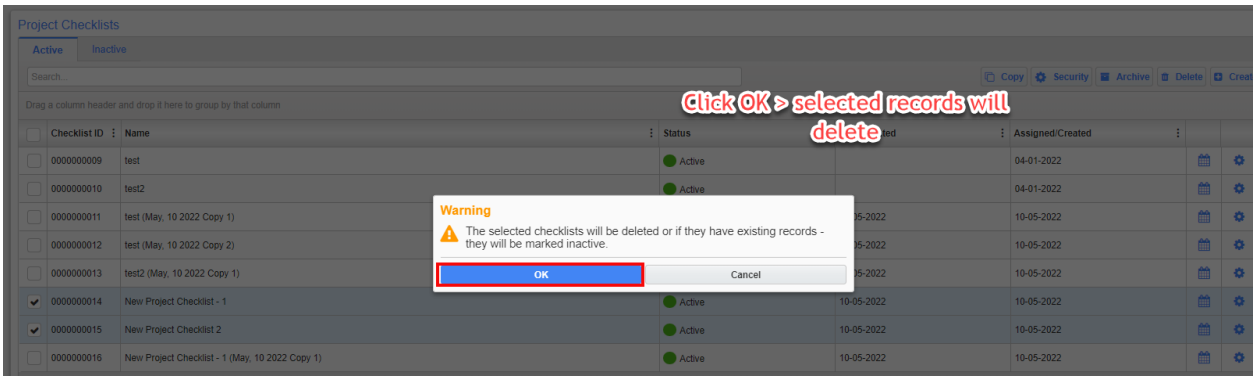




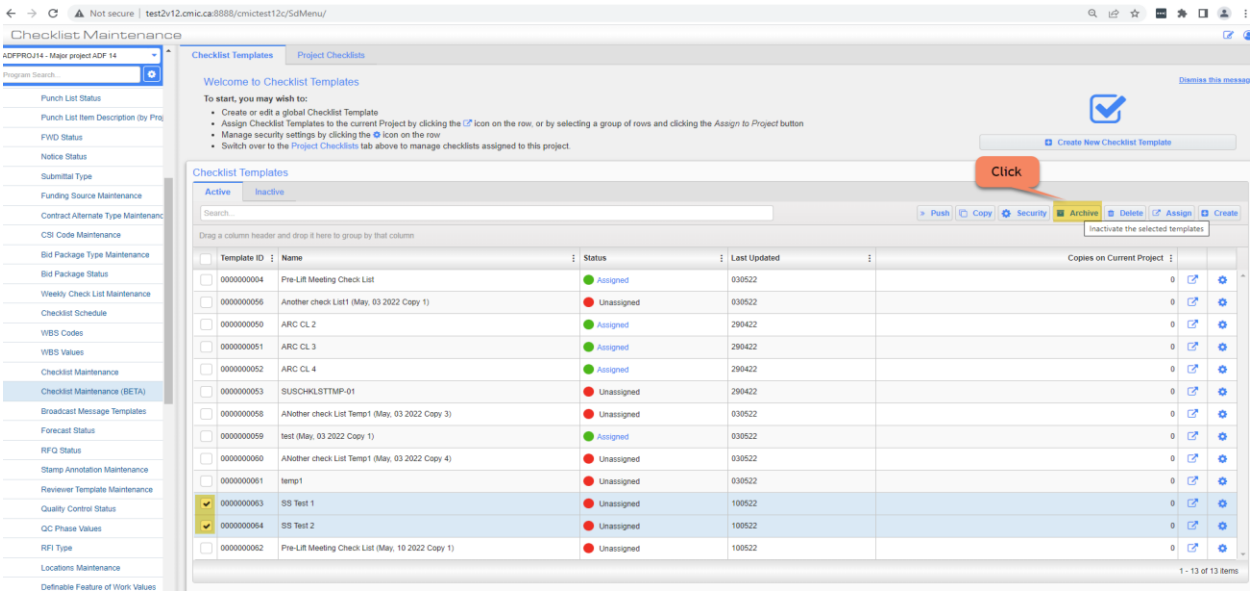
- DELETE functionality has been added for both Global and Local templates. User can delete one or multiple checklists (Global and Local).

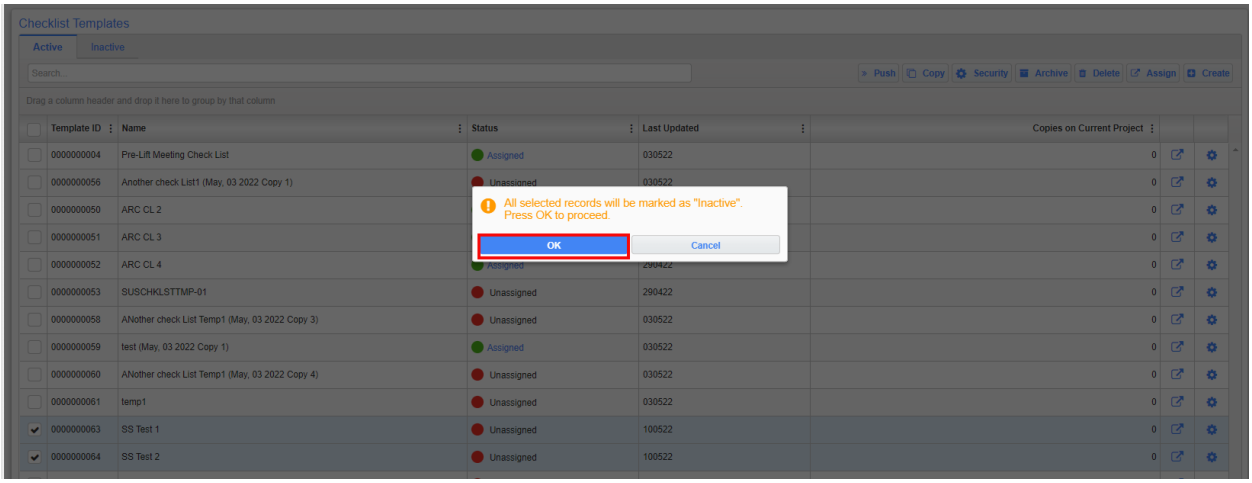
  NOTE: The checklist templates that do not have any child records get deleted by clicking on Delete. And the templates with child records become Inactive when user click on [**Delete**] button. These Inactive templates then appear in the “Inactive” tab for that project checklist.

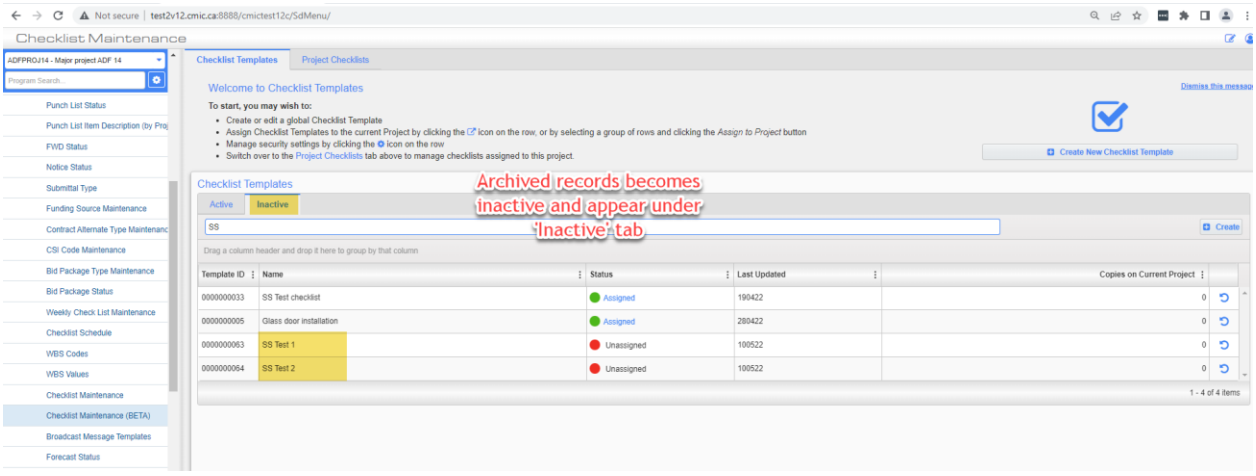




- Mass Archive functionality has been added for both Global and Local checklist templates. The archived records become inactive, and they appear in the ‘Inactive’ tab of the Checklist Template.

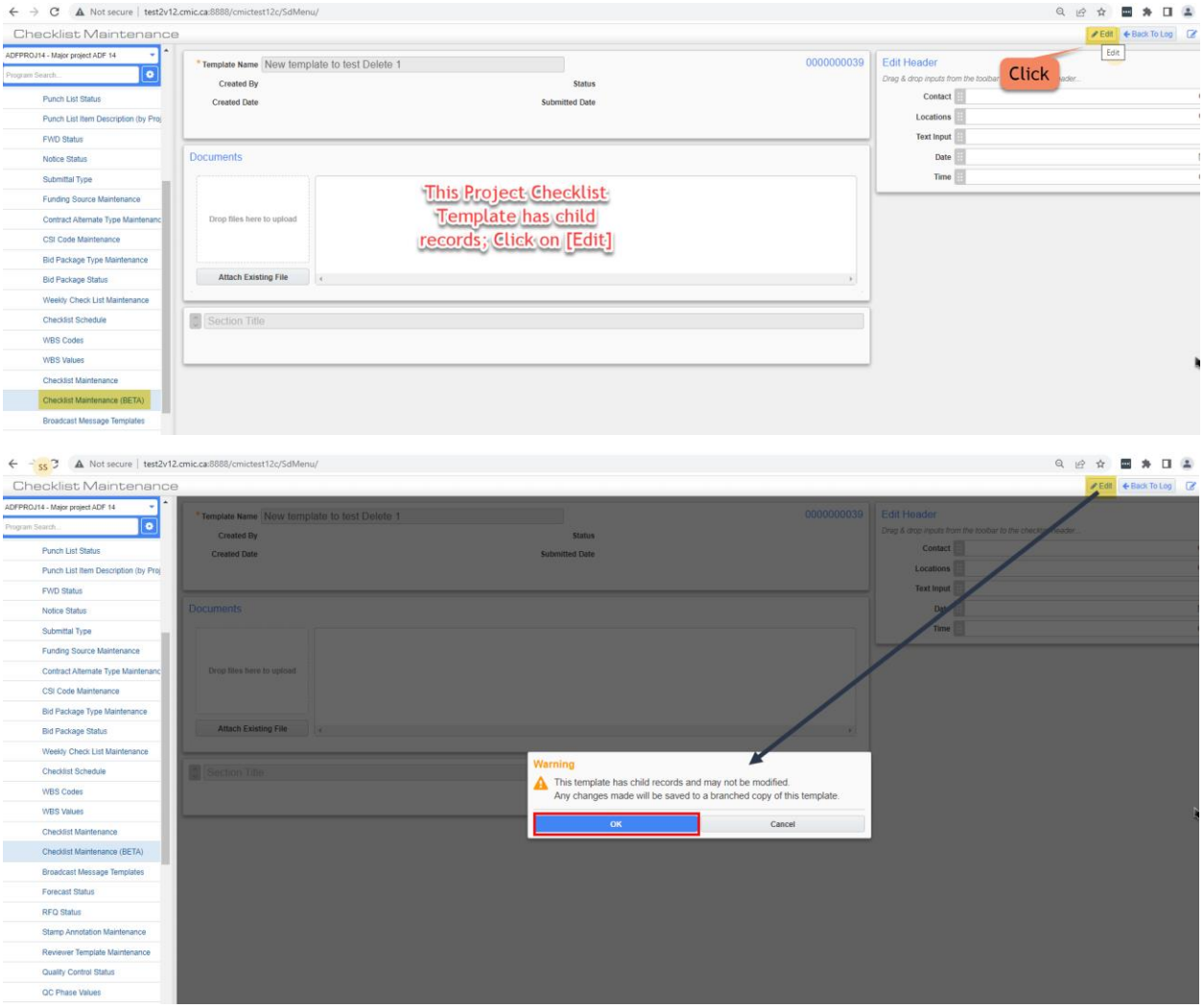




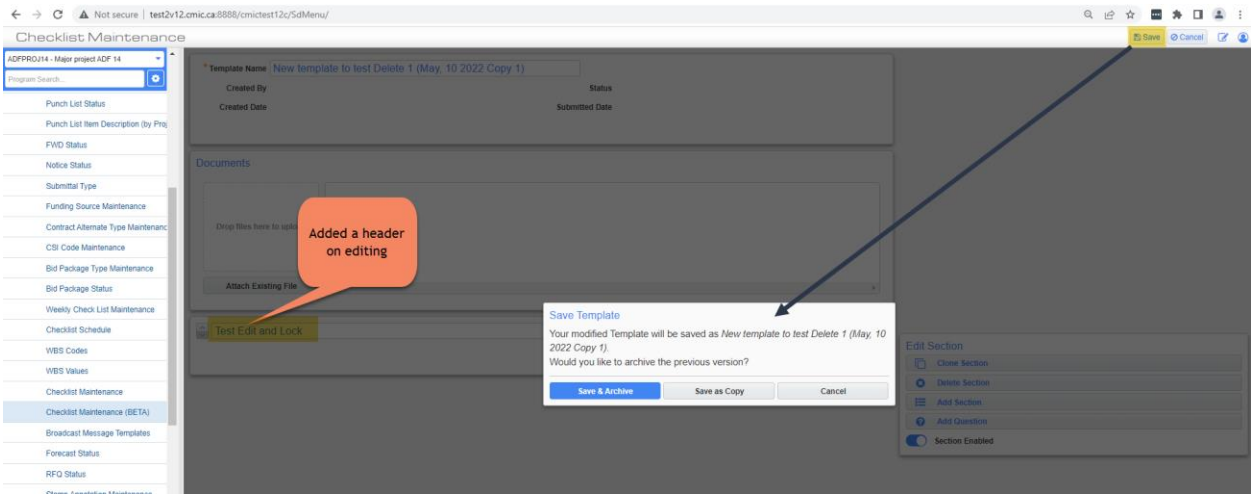


- Lock feature has been added to Project Checklist, after the Checklist record is Completed or Submitted.

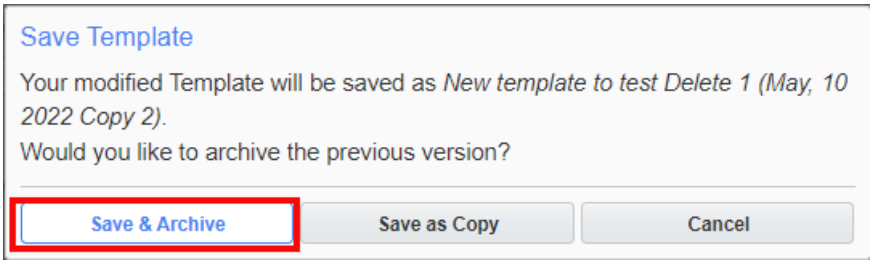
- This feature is added to protect the data integrity of Submitted checklist records by restricting the users from editing project checklist templates once at least one record of the type has been saved/submitted (child record).
- Once child records have been created for a given Project Checklist Template – then clicking on 'Edit' button in such a template will display a modal dialogue (as shown in the screenshot):

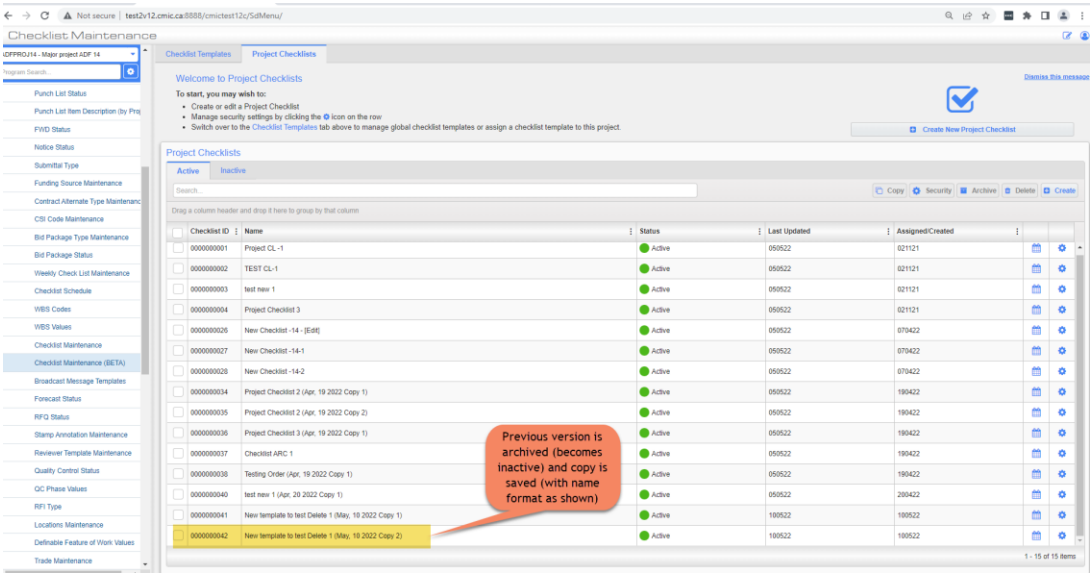


- Click on [**OK**] in the dialogue box. User will be able to Edit the Project Checklist Template. Then click on [**Save**] and user will be presented with another modal dialogue:



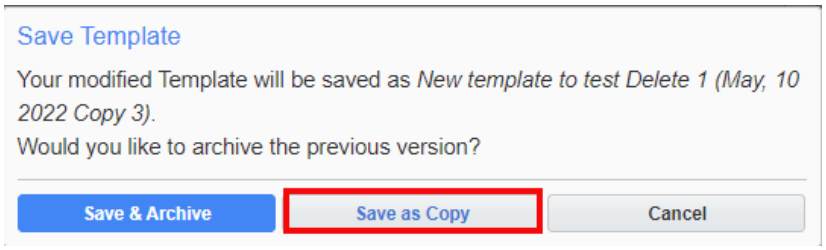
- When user click on [**Save & Archive**] in the popup:
- Then the original template becomes inactive.
- Modified version of template will be saved as a Copy.
- The Copy should inherit – Modified template configuration, Security settings, default issue contact and type, and all active assignments.

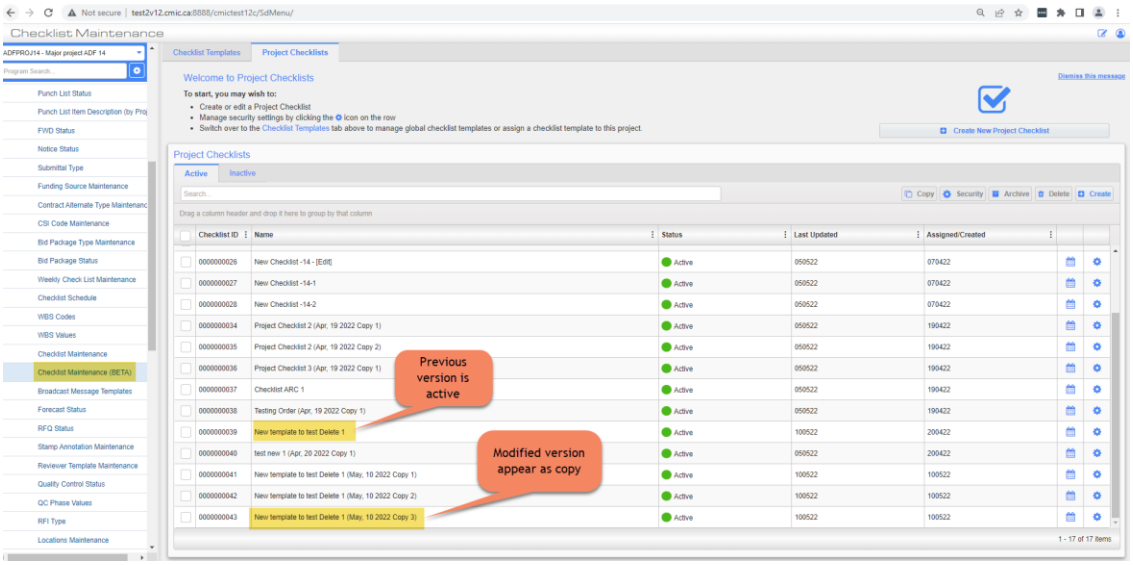




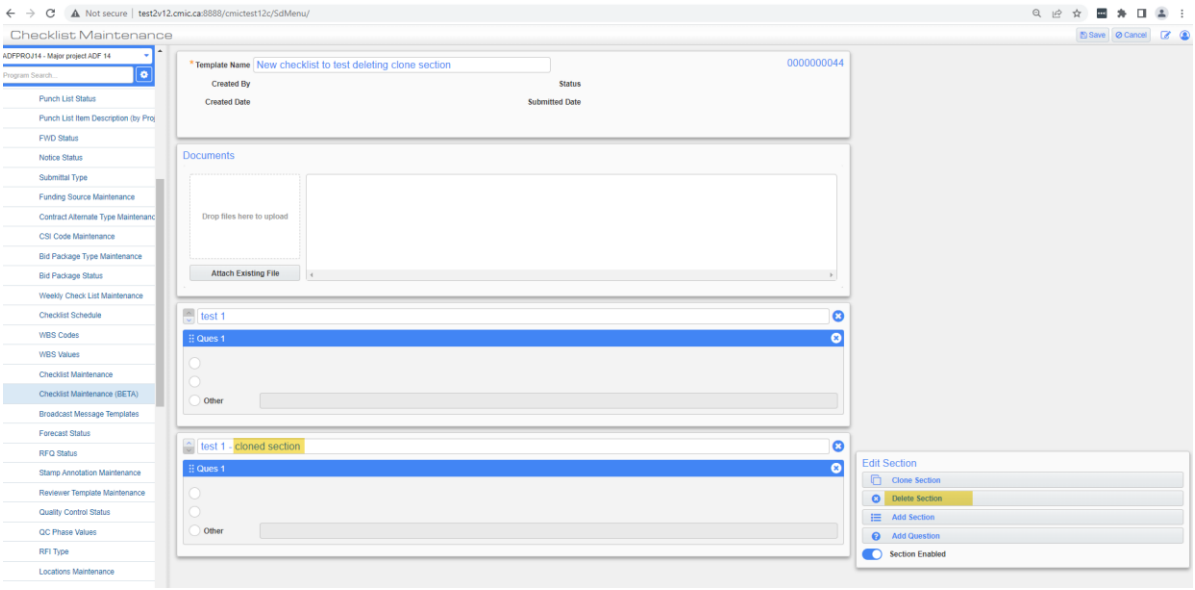
- When user click on [**Save as Copy**] in the popup:

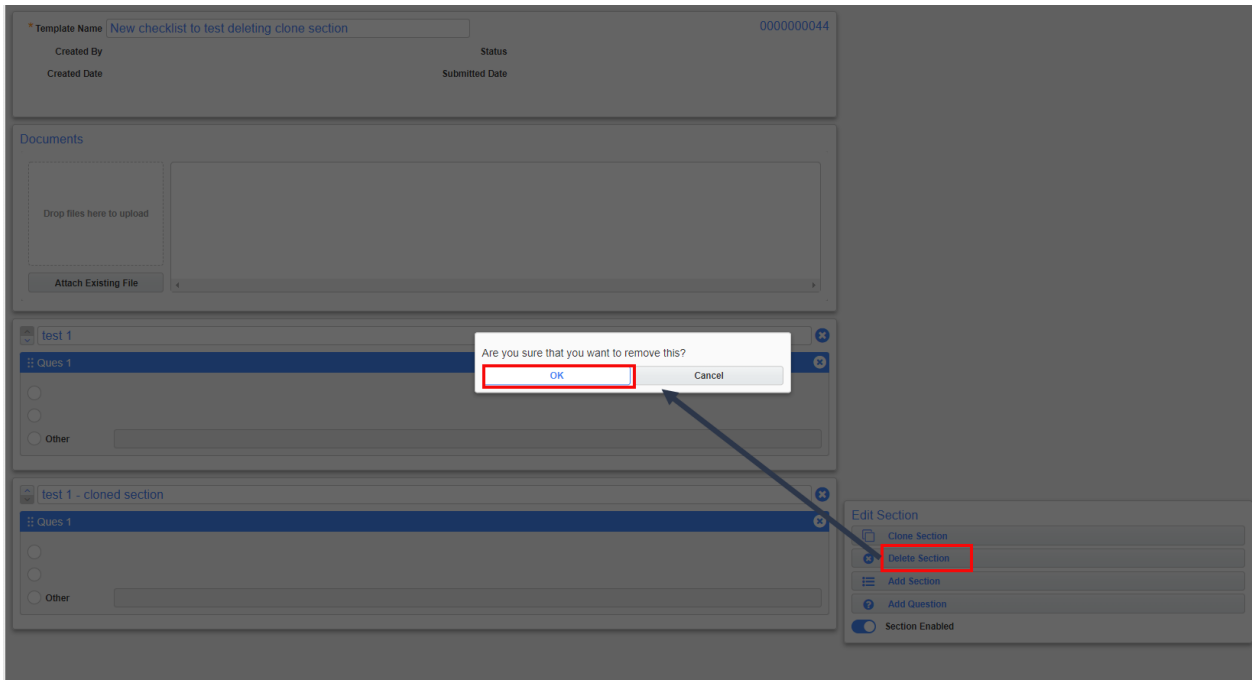
- Then the original template will remain as-is.
- The modified version will be saved as a copy.
- Copy process should be same as above, except that the active assignments will not get copied (to avoid duplication – since the original template will still be active).

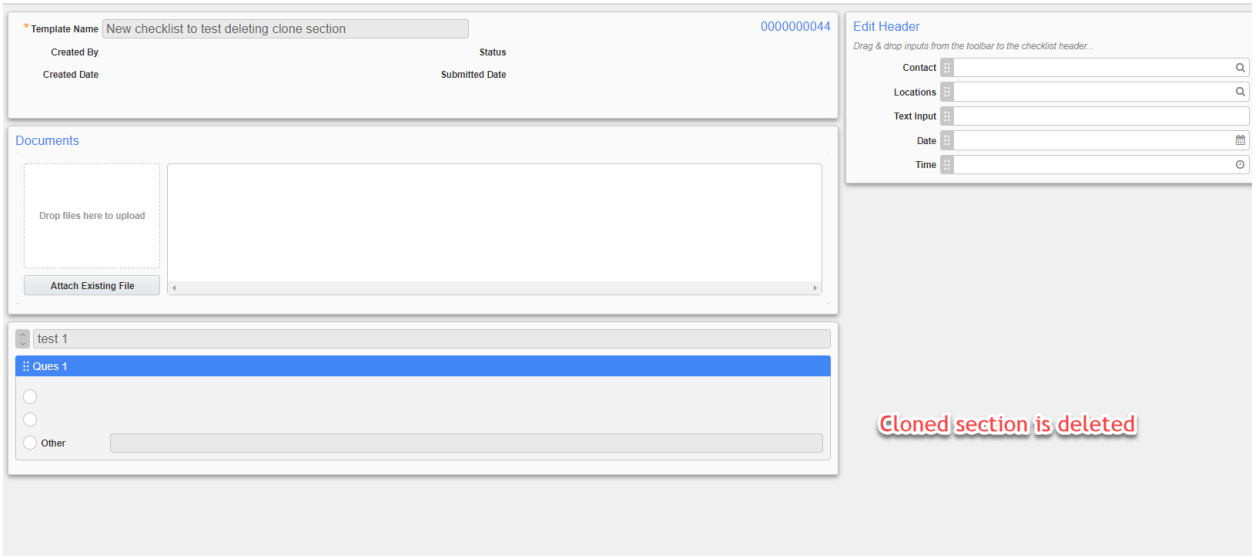




- New cloned section can now be deleted from Delete section menu in floating panel.







Notes - Project Checklists

Current Delete Checklist Button in field security applies to the old functionality but will be modified to include the new Delete function currently under development.

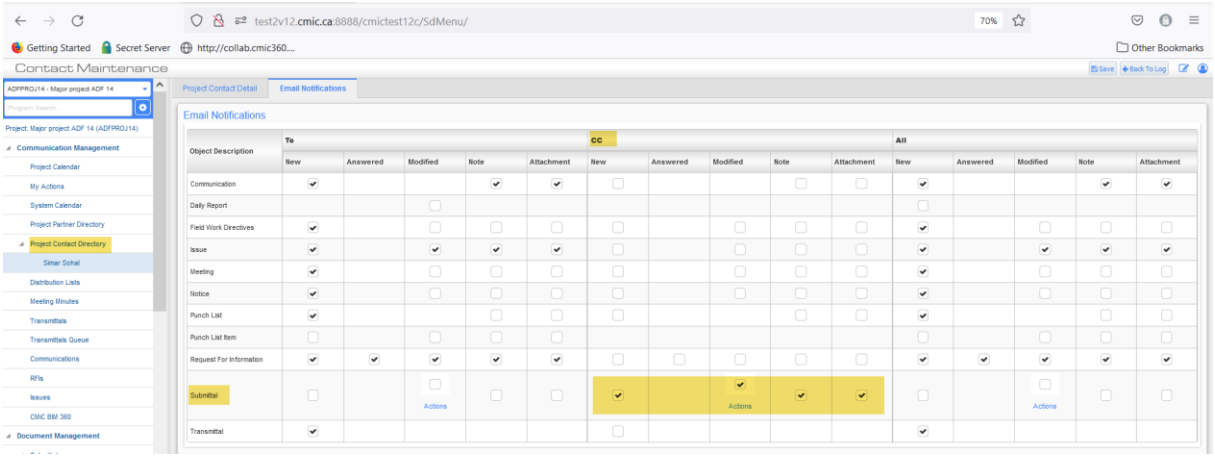
Reviewer Email Notifications (19.71811)

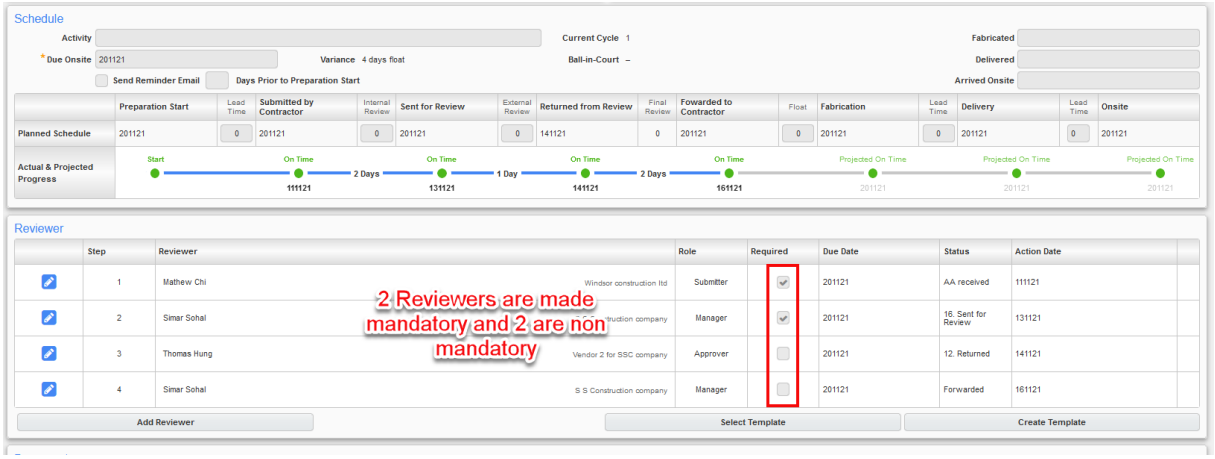
Reviewer email notifications have been updated for Submittals and RFIs. The user contact must have 'CC' checked for Submittal and RFI in Project Contact Directory screen 'Email Notifications' tab.

The following enhancement have been made:

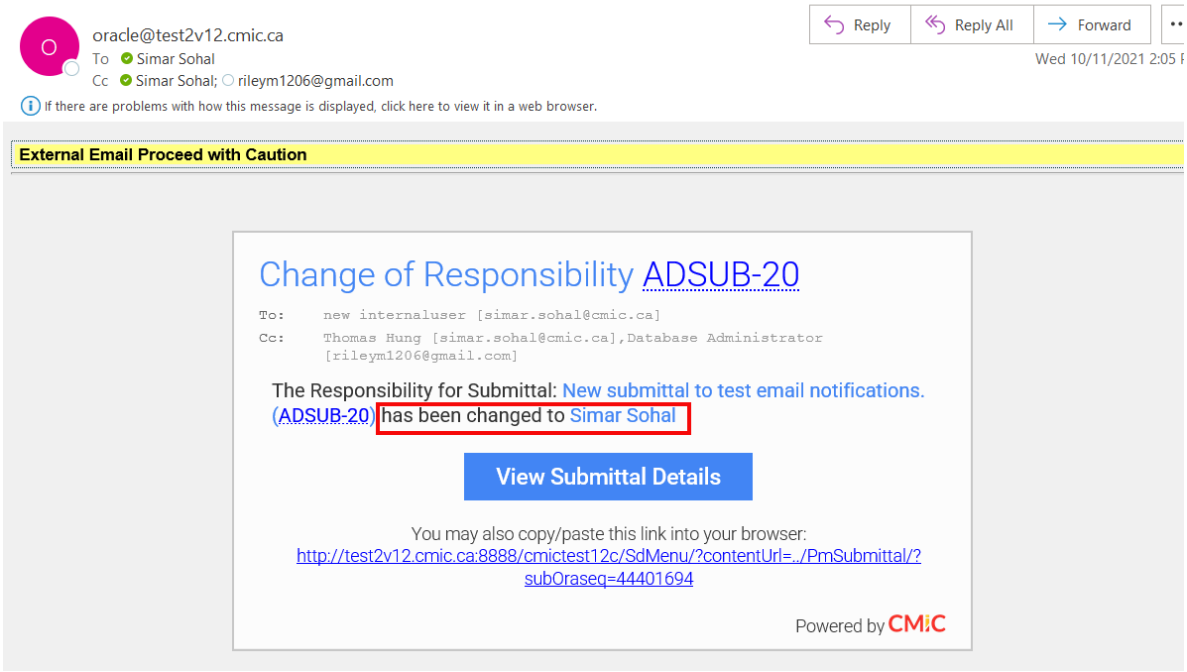
- Non-mandatory reviewers receive email notification when they are added as reviewers.

- If a reviewer is mandatory (required) they receive notification when the previous mandatory reviewer has completed his action and they are the next responsible reviewer.

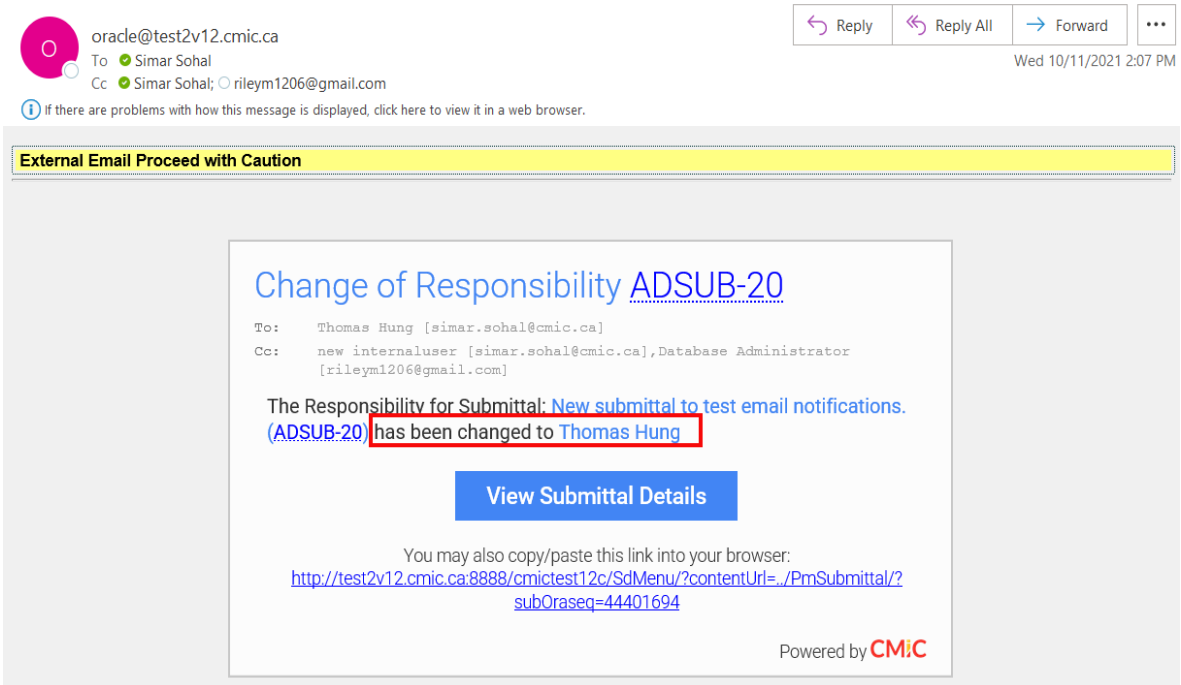




[CMiC] ADFPROJ14 (Update) - Submittal: New submittal to test email notifications.



[CMiC] ADFPROJ14 (Update) - Submittal: New submittal to test email notifications.



SCCO: Modification of Item Code on SCCO When Linked to Posted PCI (21.41307)

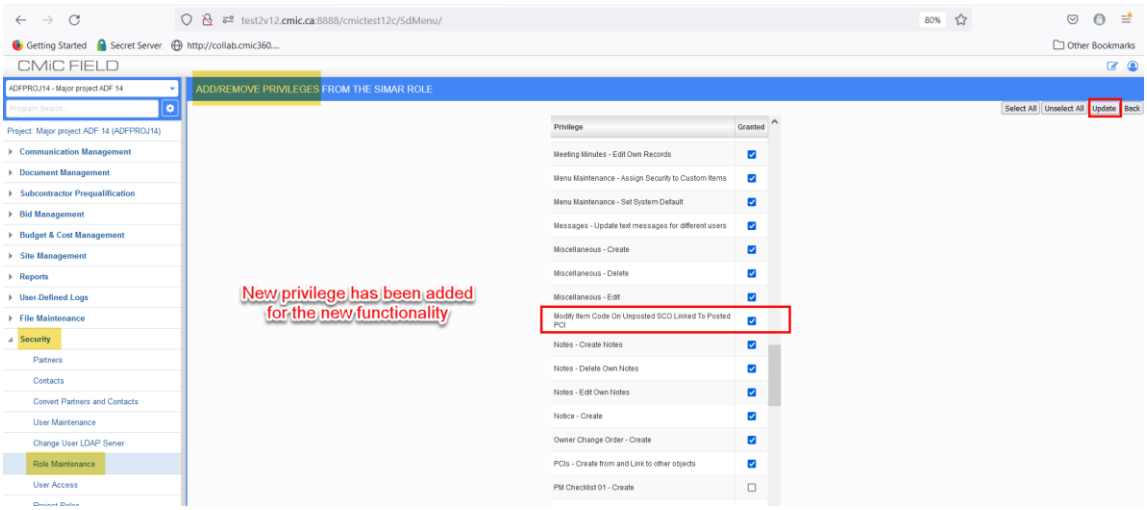
New functionality has been added which allows the user to modify Item Code on Subcontract Change Order. The item code is created on a posted PCI's detail line and carries forward when that PCI is linked to an unposted SCO.

Points to keep in mind while testing:

The modified item code on the SCO will not update the Task code on the PCI.

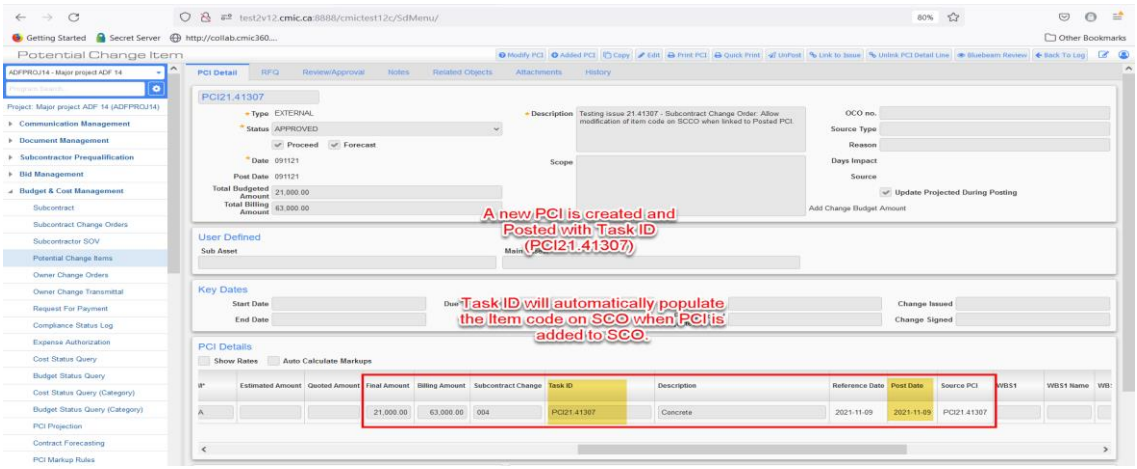
Users cannot modify Item Code on posted SCO

A new security privilege has been added that controls whether a user can modify the item code on an unposted SCO, IN Security > Role Maintenance > Select role and assign privileges screen.



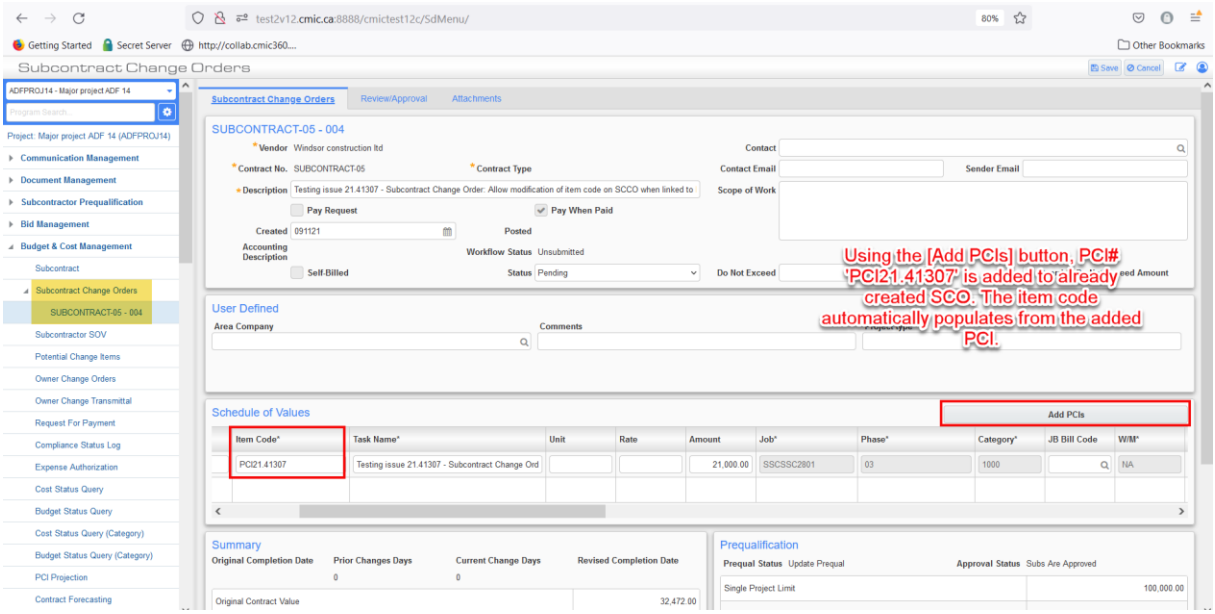
Example:

1. Create a PCI with task code 'PCI21.41307' and post it.



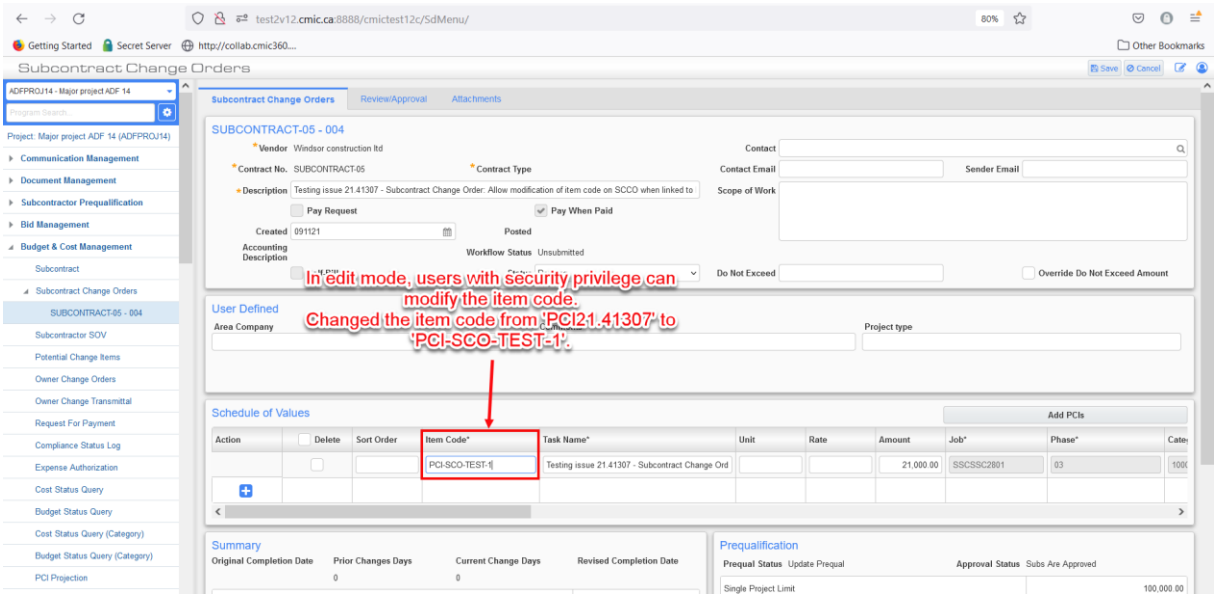
2. The posted PCI is added to an unposted subcontract change order (associated with the same SC used in the above PCI) using the [**Add PCIs**] button on the SCO screen. The item code is automatically populated with 'PCI21.41307' (carried forward from the PCI).

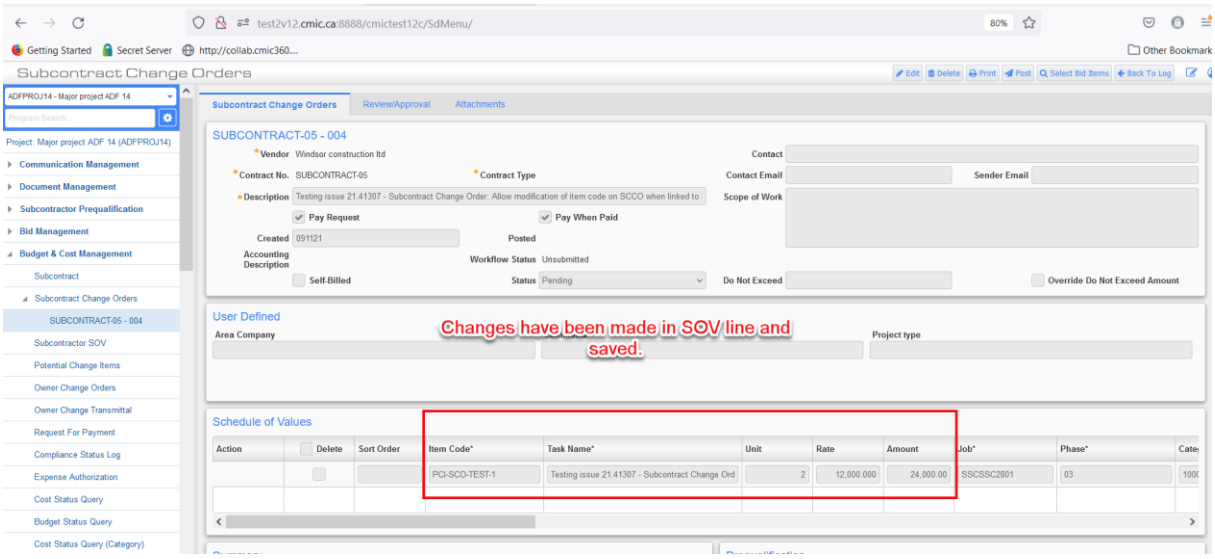
NOTE: Users can modify all fields (Item code, Unit, Rate, Amount, Long Description, Main Asset, Sub Asset, Cost Type, Document) of the SOV except for JOB/PHASE/CATEGORY/WM. The modified fields do not update the PCI. Users will be allowed to insert new lines in the SOV additionally to the ones transferred from the PCI.



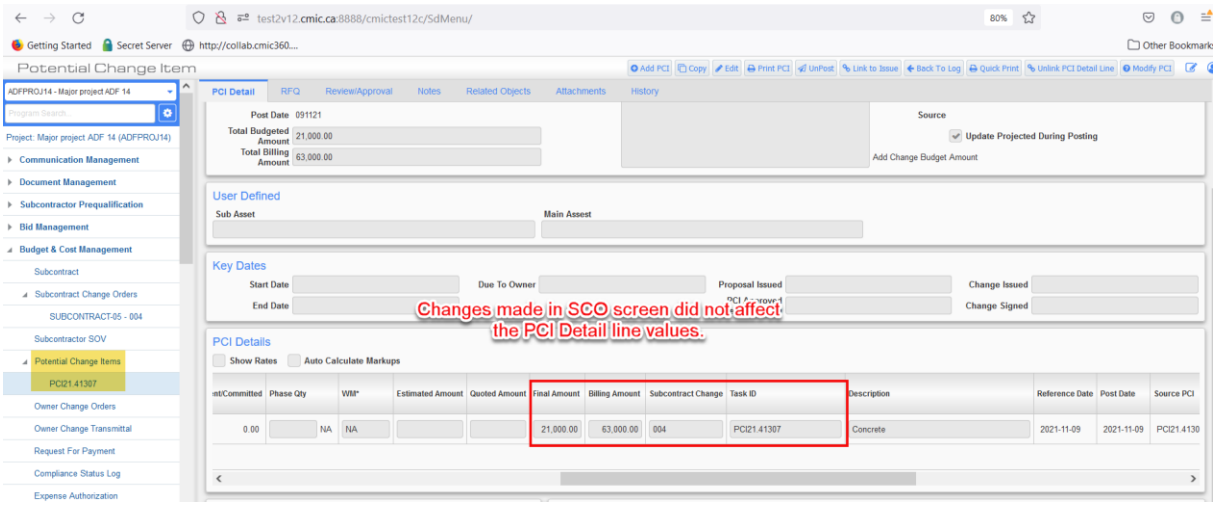
3. In SCO screen, in edit mode – changed the item code from 'PCI21.41307' to 'PCI-SCO-TEST-1'.

   NOTE: Only users with security privilege can modify the item code.





4. The modified item code in SCO screen does not update the PCI Detail line Task ID.

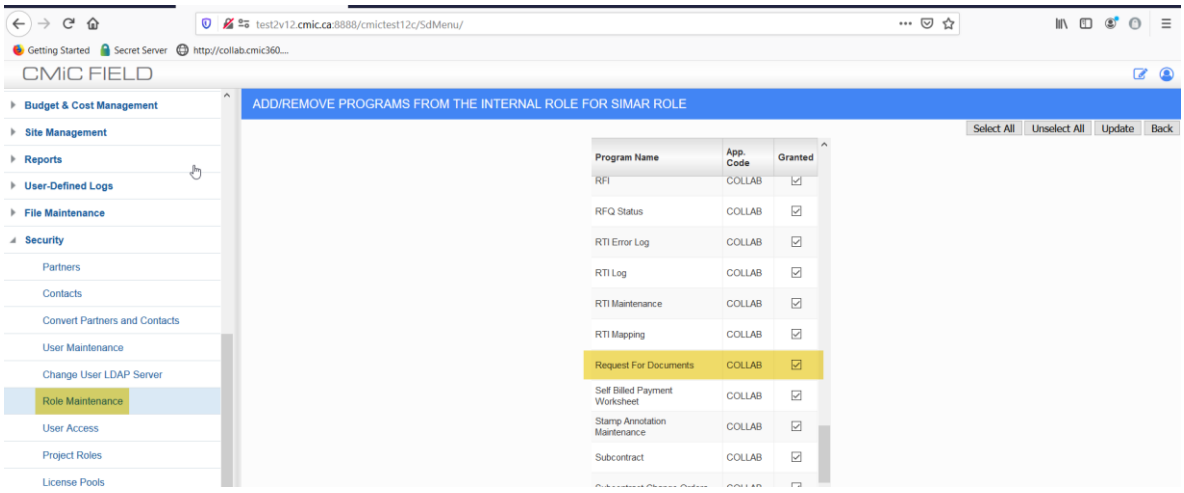


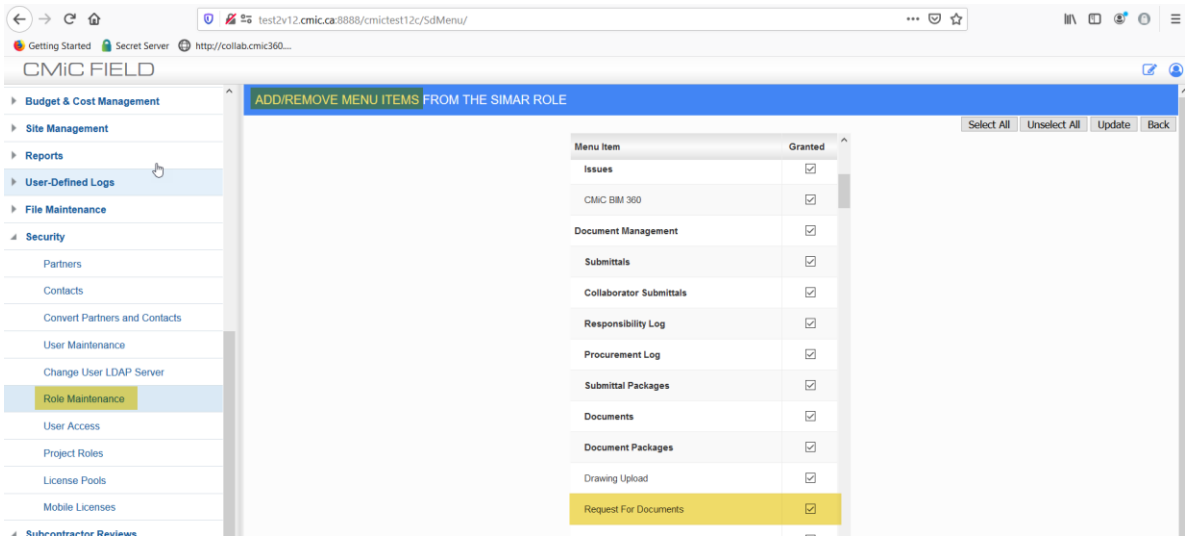
Request for Documents (20.32911)

The Request for Documents program has been developed to extract project documents as part of Project Closeout procedures.

The program has been added under Document Management node in the tree-view.

Access to it based on the user's role and Assign Programs and Assign Menu Items privileges.



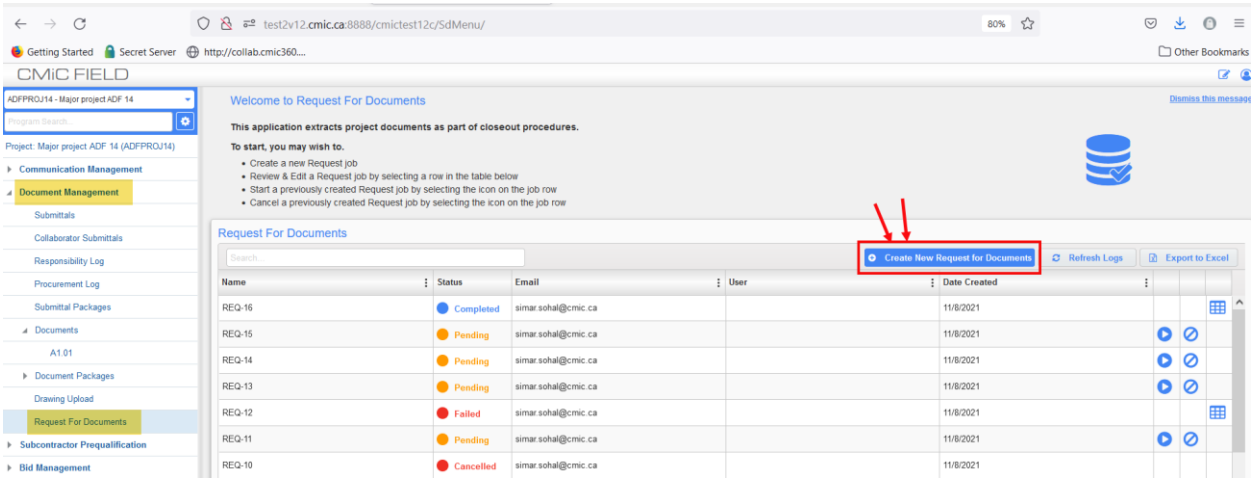


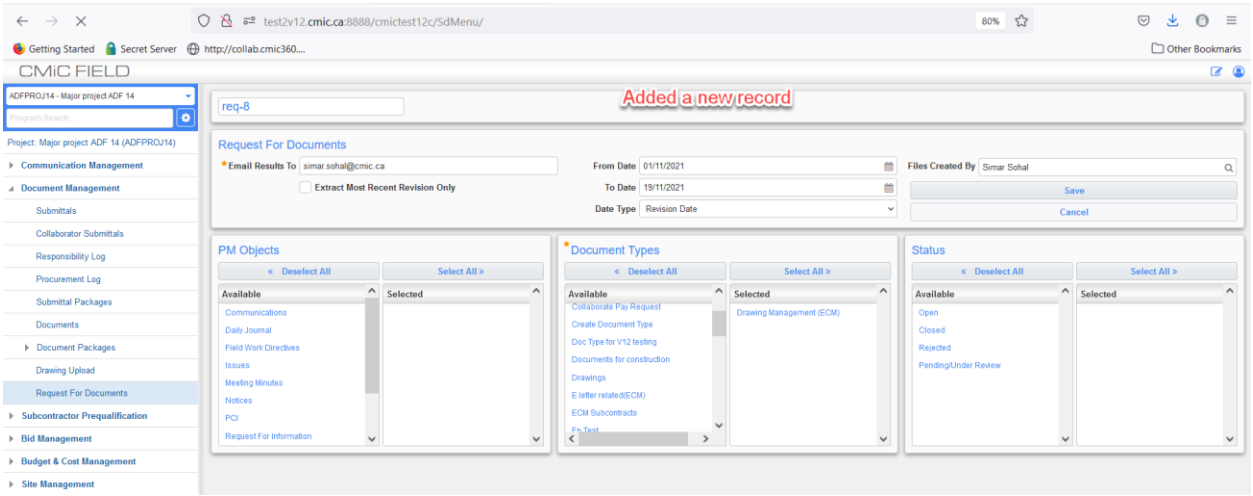
Features of the Program:

Precondition:

Upload a drawing and publish. The dates used in drawing upload will be used in Date type filter while creating the Request for Documents.

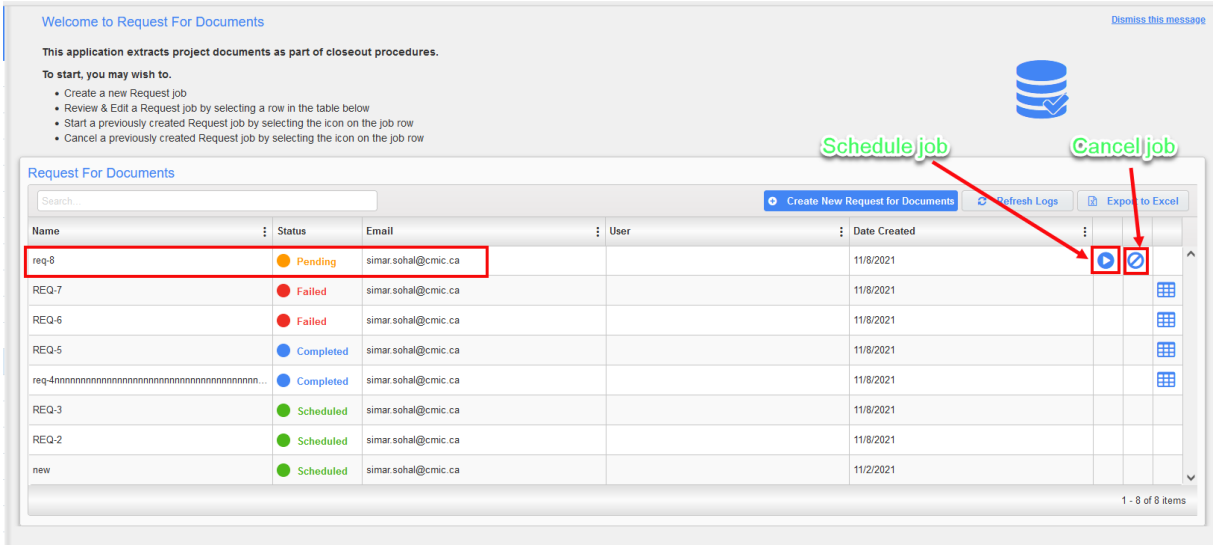
- The user can create a Request by selecting different filters and parameters from the screen and schedule job which extracts the documents matching the filter criteria.





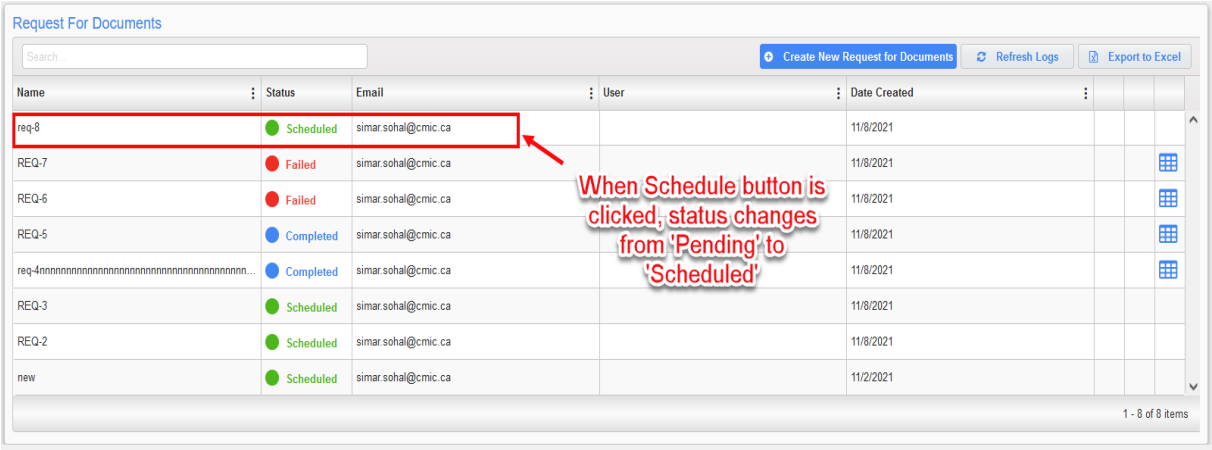
A request can have different statuses and they are each outlined below.

[Pending]: As soon as user creates a new request, its status is marked as Pending. In this state user can Schedule or Cancel the request.

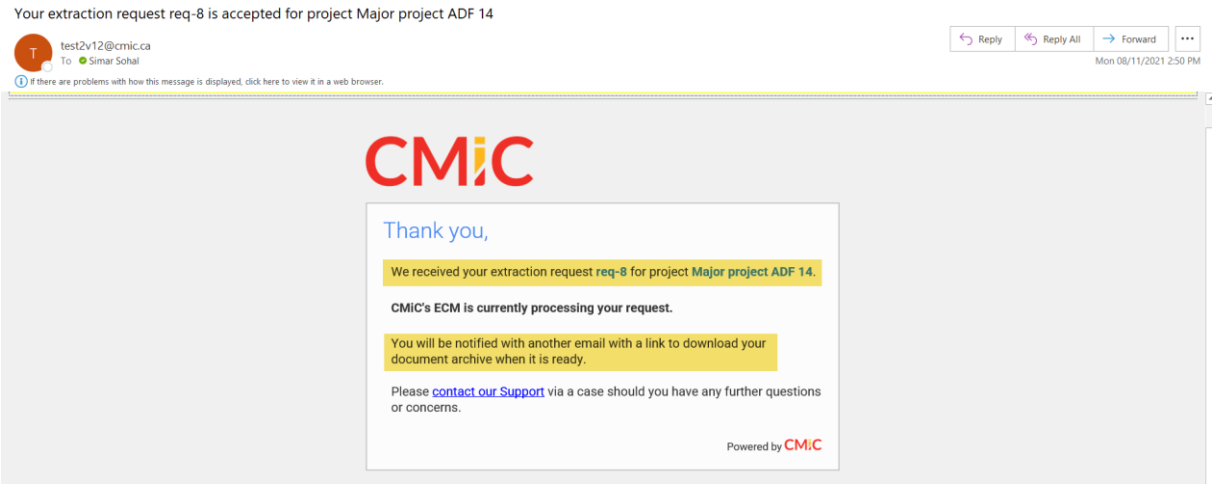


[Scheduled]: All pending requests can be Scheduled to start extraction process. As Schedule button is clicked the job scheduler creates a new job for this request and status would be changed to In Progress.

NOTE: The status may remain Scheduled as job scheduler (CmicScheduler) may take some time (few seconds) to start the job execution if it is available. If the job scheduler is not available, its status would remain Scheduled until job scheduler is available and picks up the job to extract documents.

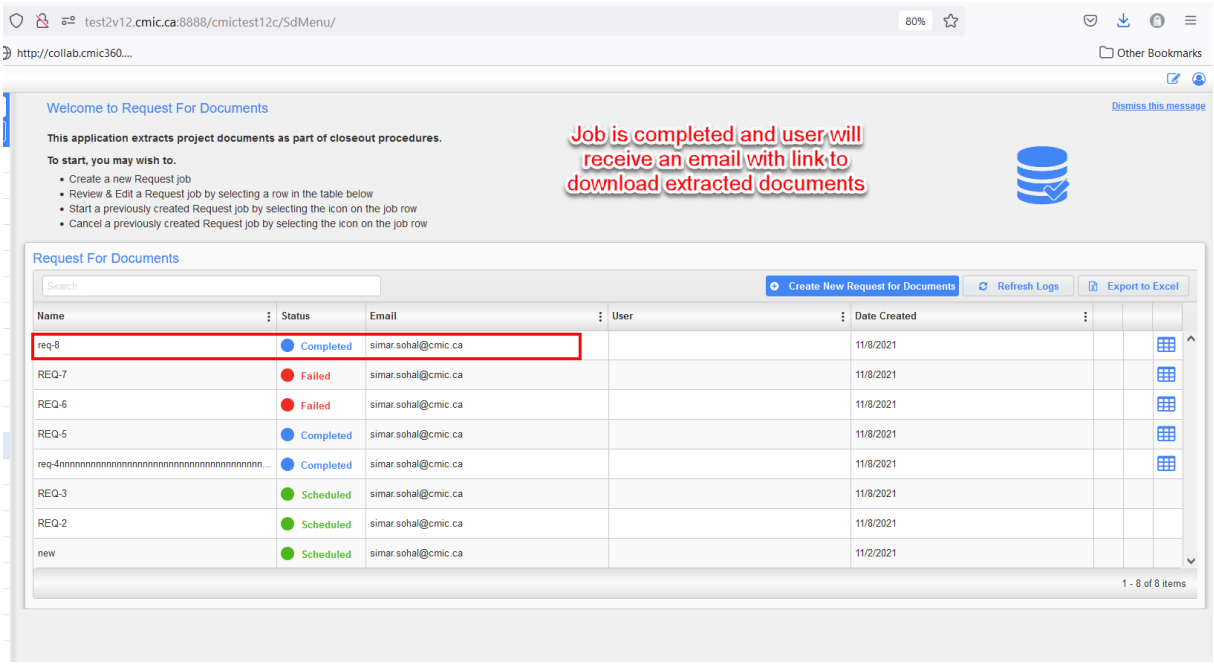


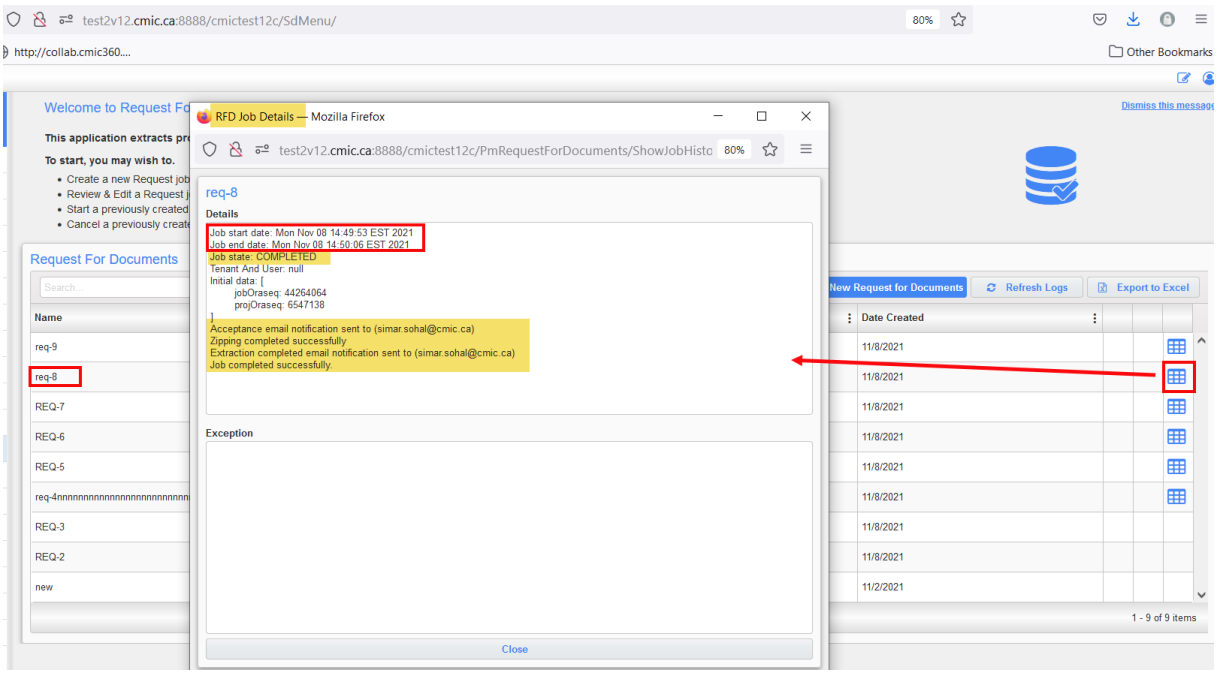
[In Progress]: As soon as the document extraction job is started, an email is sent to the user saying, “Your request has been accepted and in progress”. User will be notified as it gets completed with download link.



[Completed]: The document extraction process is completed, and user would receive email with the link to download the zip file of the documents.

NOTE: The download link will be available for 14 days. If user hits the link in the email, it may not work as some extra characters being inserted by Outlook on the hyperlinks for security, in that case user may copy the link and paste into the new window on browser.




test2v12.cmic.ca:8888/cmictest12c/SdMenu/
RFD Job Details — Mozilla Firefox
test2v12.cmic.ca:8888/cmictest12c/PmRequestForDocuments/ShowJobHisto
req-8
Details
Job start date: Mon Nov 08 14:49:53 EST 2021
Job end date: Mon Nov 08 14:50:06 EST 2021
Job state: COMPLETED
Tenant And User: null
Initial data: [
jobOraseq: 44264064
projOraseq: 6547138
]
Acceptance email notification sent to (simar.sohal@cmic.ca)
Zipping completed successfully
Extraction completed email notification sent to (simar.sohal@cmic.ca)
Job completed successfully.
Exception
Close
Request For Documents
New Request for Documents
Refresh Logs
Export to Excel
Name
Date Created
req-9
req-8
REQ-7
REQ-6
REQ-5
REQ-3
REQ-2
new
11/8/2021
11/2/2021
1 - 9 of 9 items

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test2v12@cmic.ca
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External Email Proceed with Caution
CMiC
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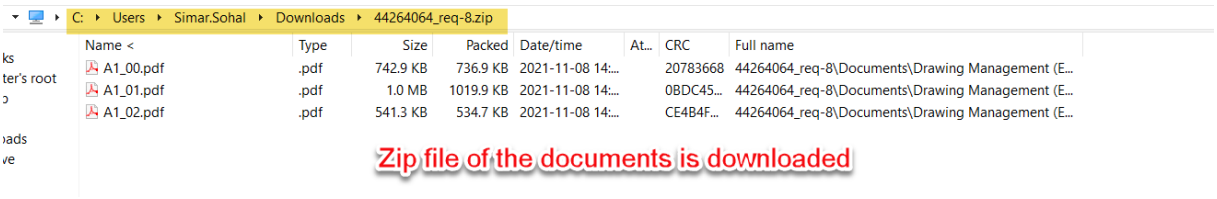
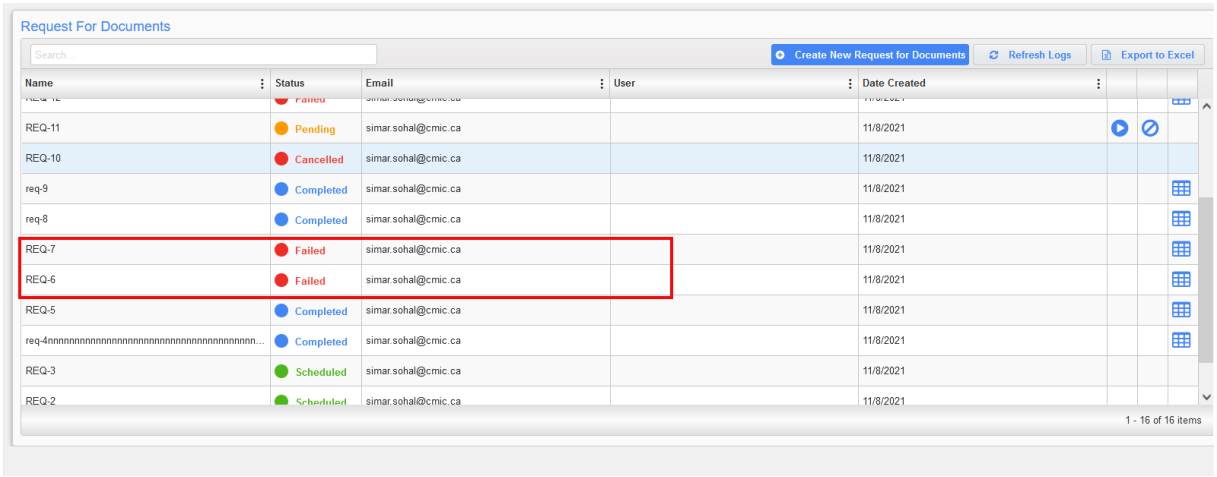
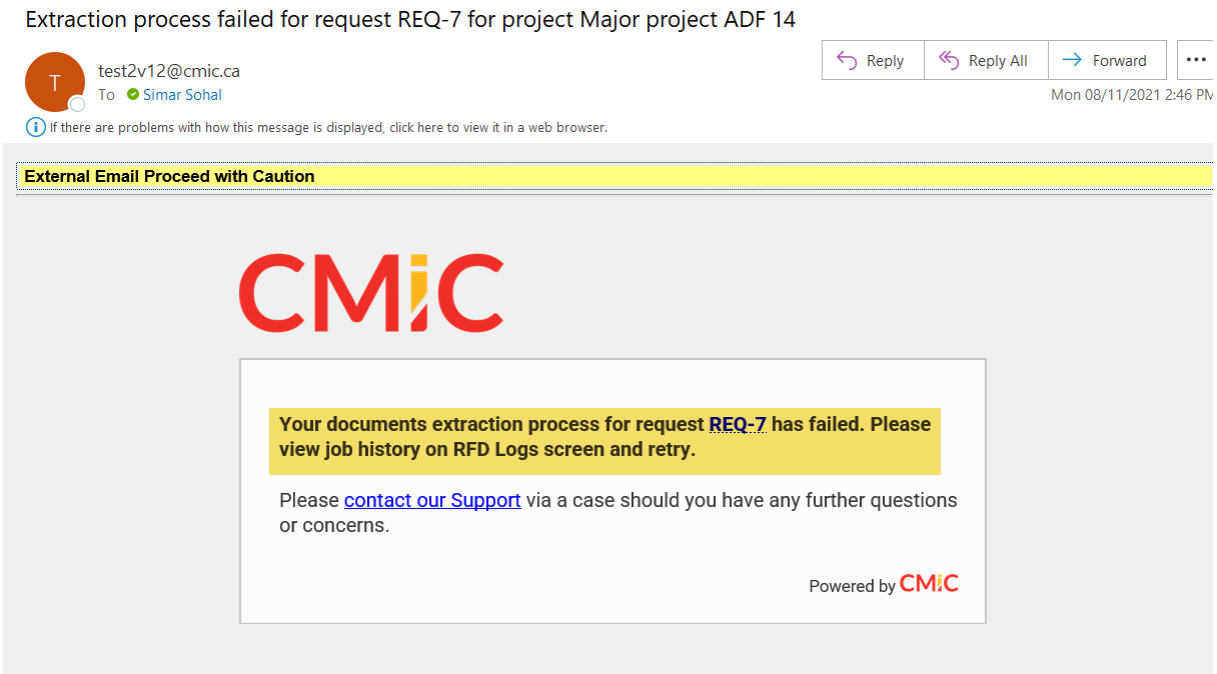
Download Your Archive
You may also copy/paste this link into your browser:
http://test2v12.cmic.ca:8888/cmictest12c/CmicDownload/documentDownload?secKey=KZQBJHKSTU7HVB3PNBG54WFF0ZYEE7
Please contact our Support via a case should you have any further questions or concerns.
Thank you for using CMiC's ECM to extract your documents.

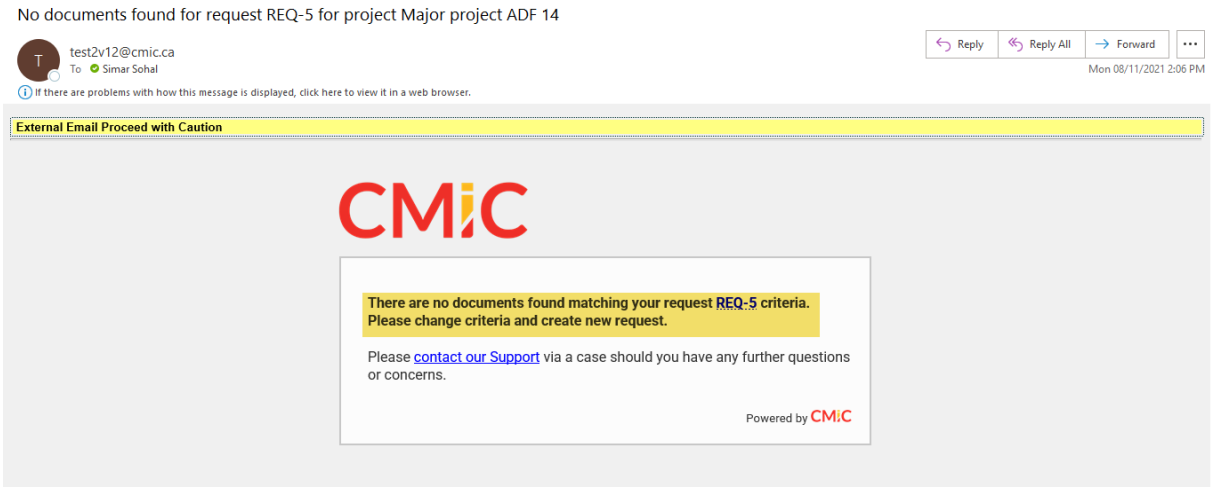


[Failed]: There has been an error while job is executing, in this case user would receive an email for job failure.

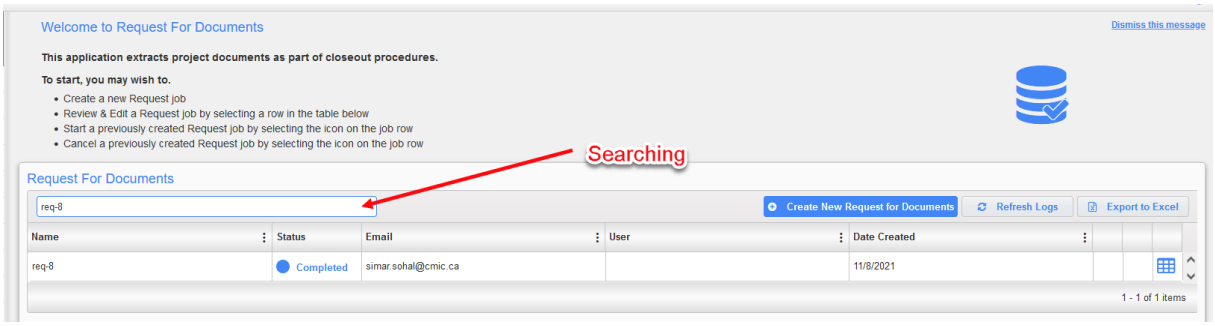




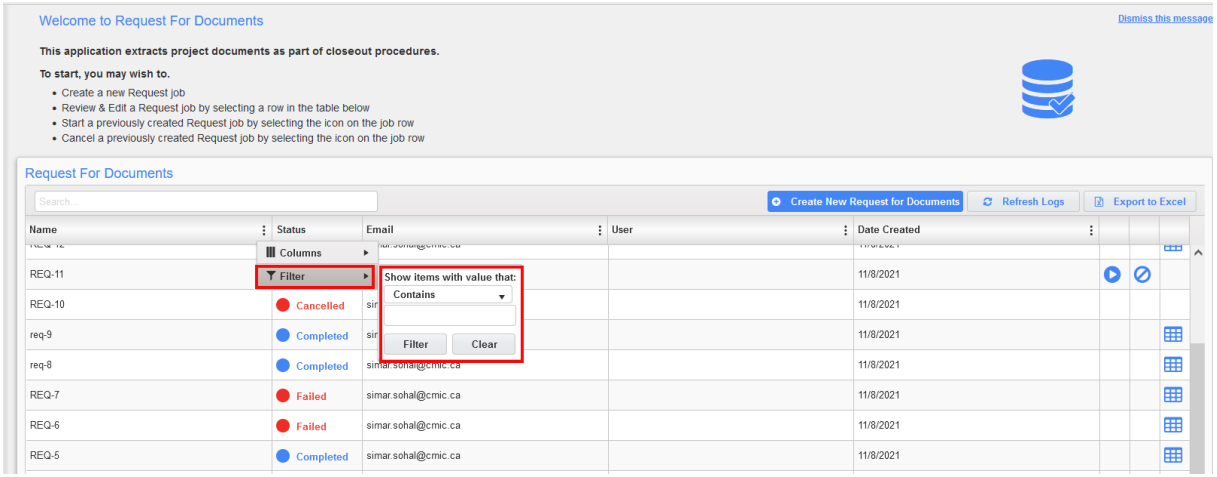
NOTE: When user does not add appropriate data in the Request screen – user will receive the document extraction email followed by “No documents found” email.

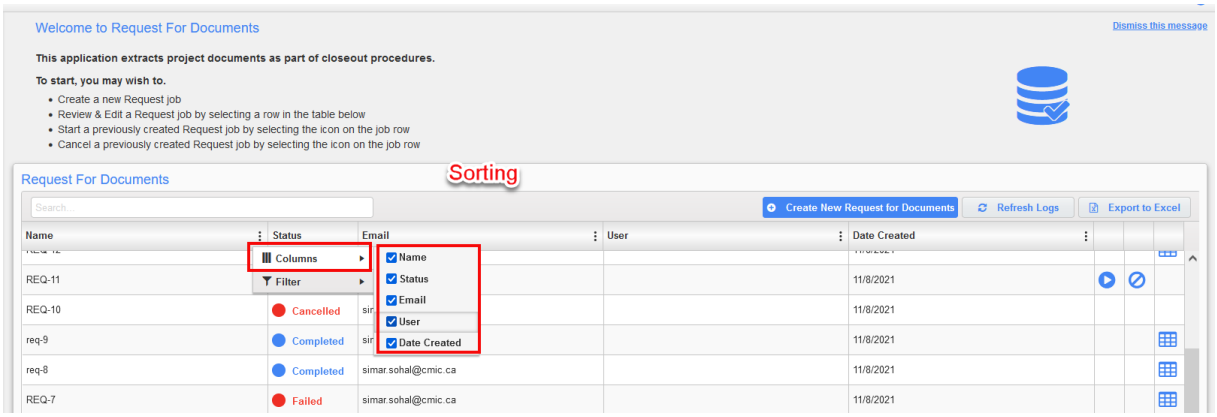


- User can edit existing Request parameters and save them back.
- The user can perform search by entering keyword in search box being provided on grid. e.g. "req-8".



- Filtering and Sorting options have been provided on the grid.



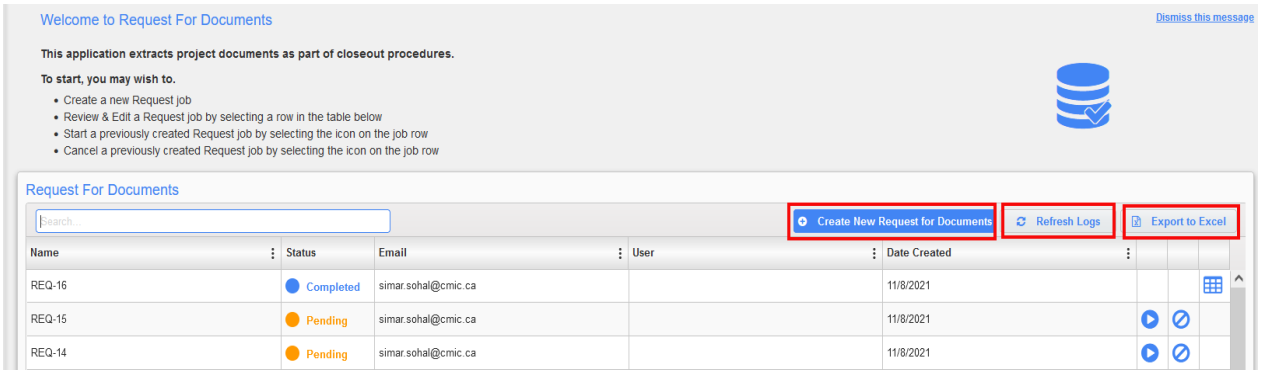


- Three buttons have been added on Request logs:

[Create New Request for Documents]: User can create new requests and select parameters/filters to extract documents.

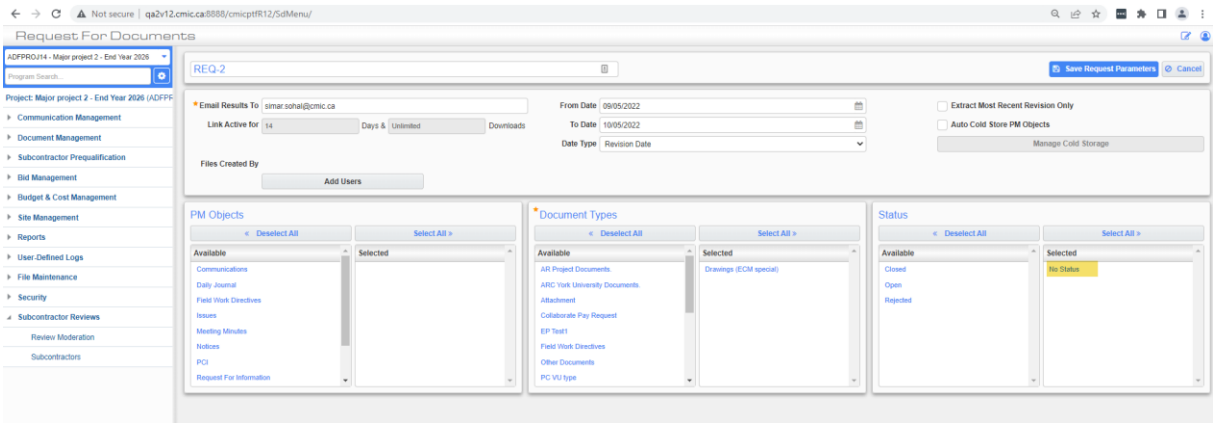
[Refresh Logs]: User can refresh the grid to view the latest of all Requests.

[Export to Excel]: To download all requests in xlxs file.

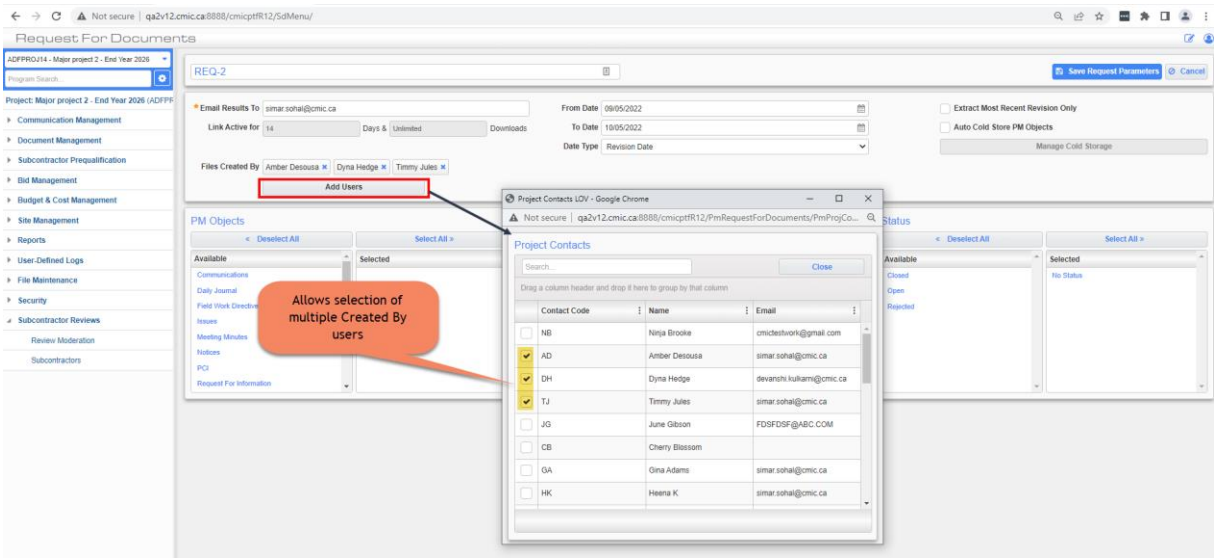


A few enhancements have been made in RFD screen:

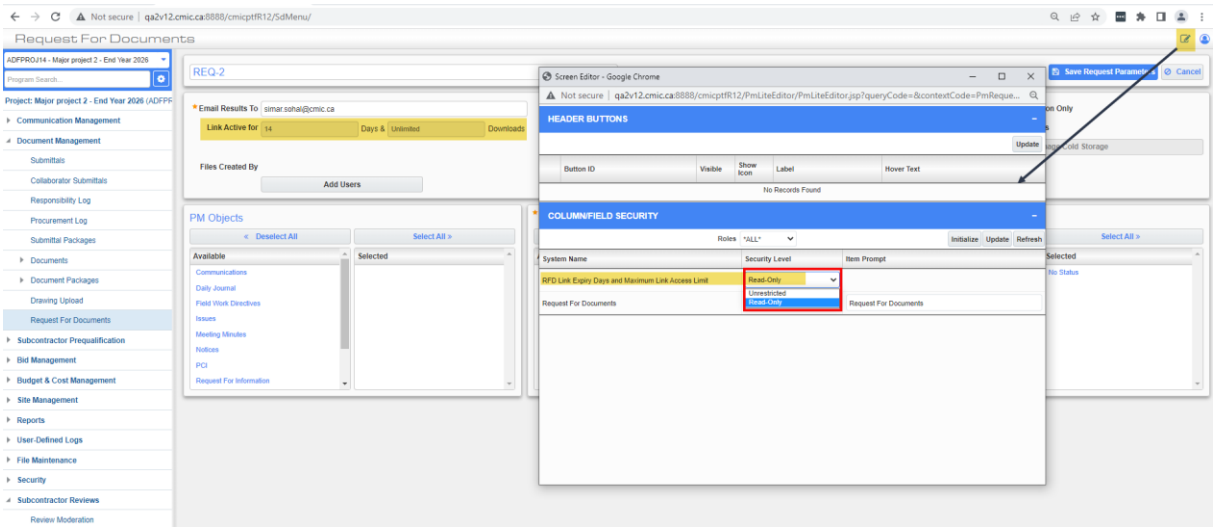
- RFD job has been modified to allow Null Status in request.



- RFD job has been modified to allow multiple Created By users.



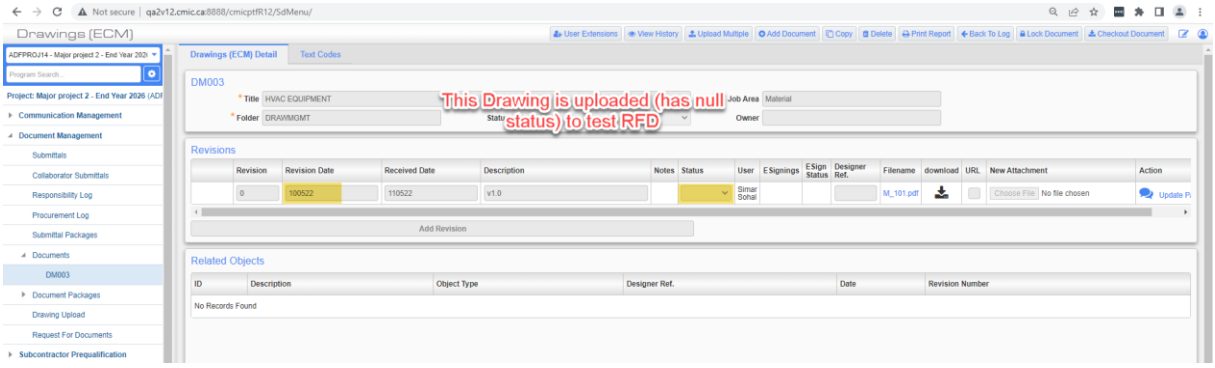
- Field Security (Unrestricted and Read-Only) has been added on “Link Active Days” and “Downloads” fields.

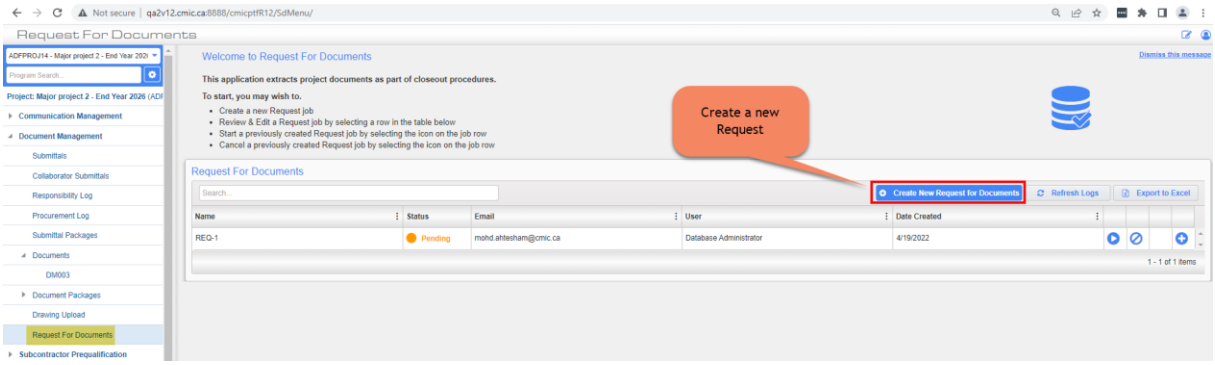


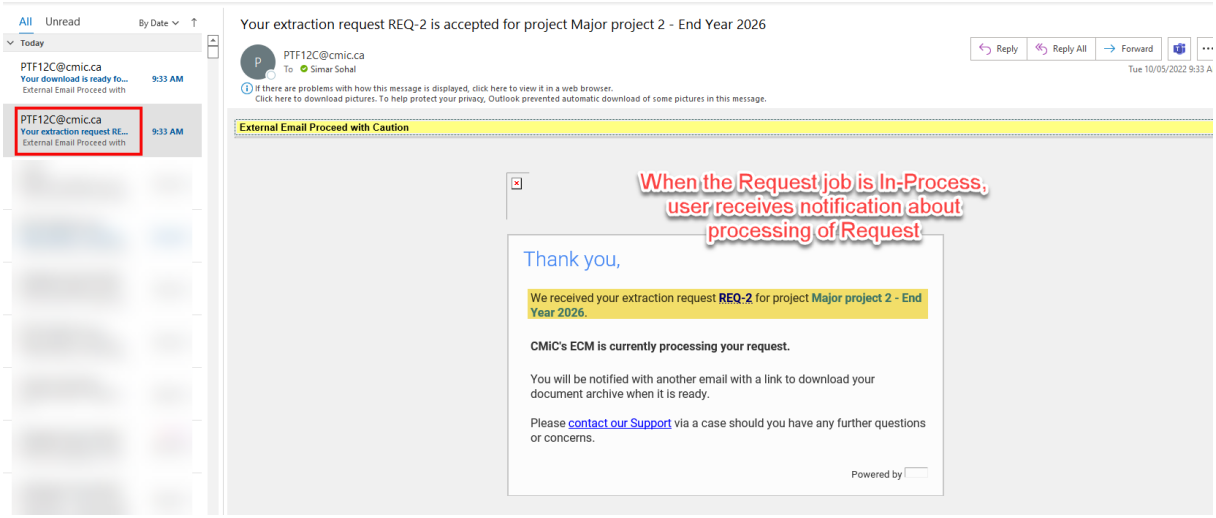
- Annotations added on the Drawing document will now be visible on the extracted document, after the Request has been Completed.

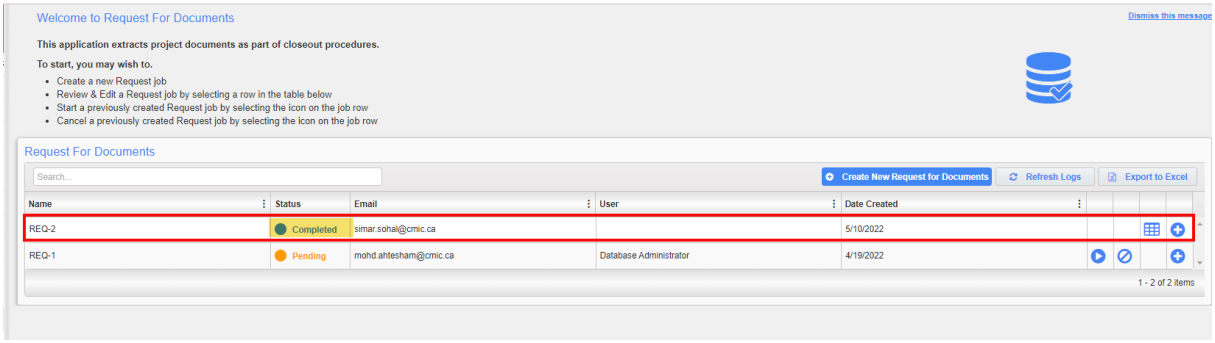
Steps followed:

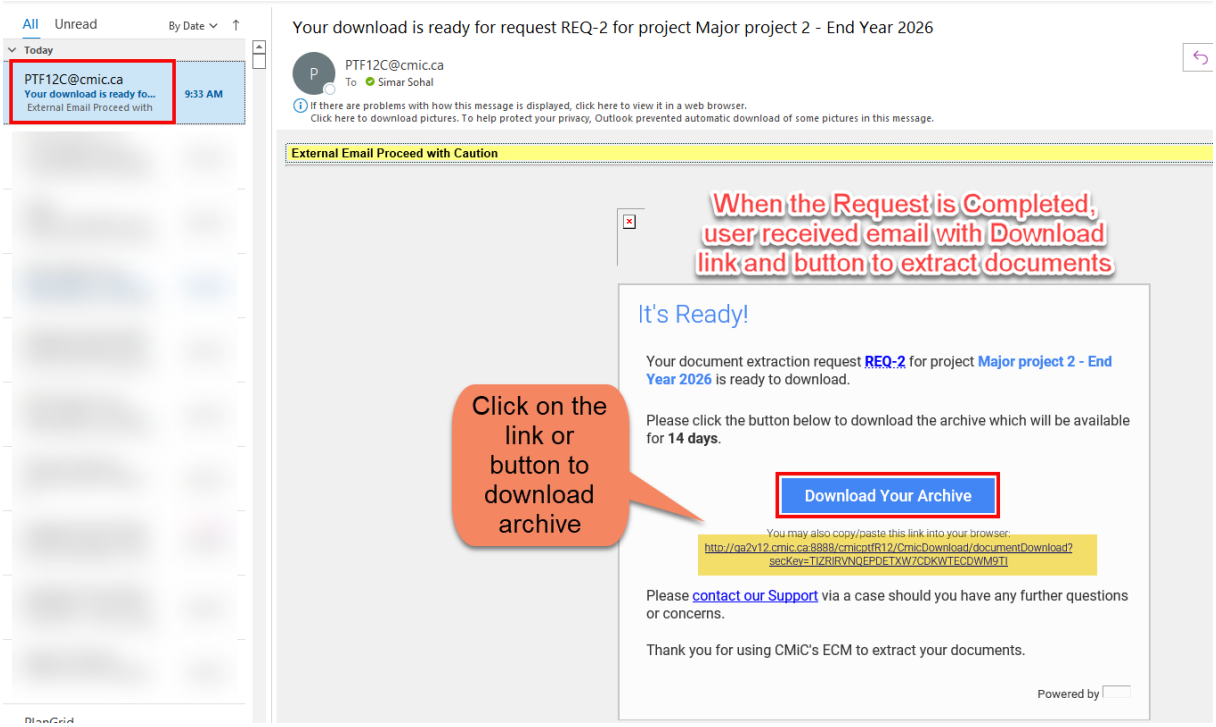
- ➢ Uploaded a drawing in Drawing Management (ECM) and added an annotation to it.
- ➢ Published the annotation and linked a PM Object to it.
- ➢ Created a new Request to extract the uploaded Drawing document.
- ➢ Received email notifications for processing and download archive.
- ➢ Downloaded the archive from the link or button in the email.
- ➢ Opened the downloaded document.
- ➢ It displays the annotation that was added to the drawing document in Drawing Management.
- ➢ Click on the link – it opens the related object linked to the annotation.

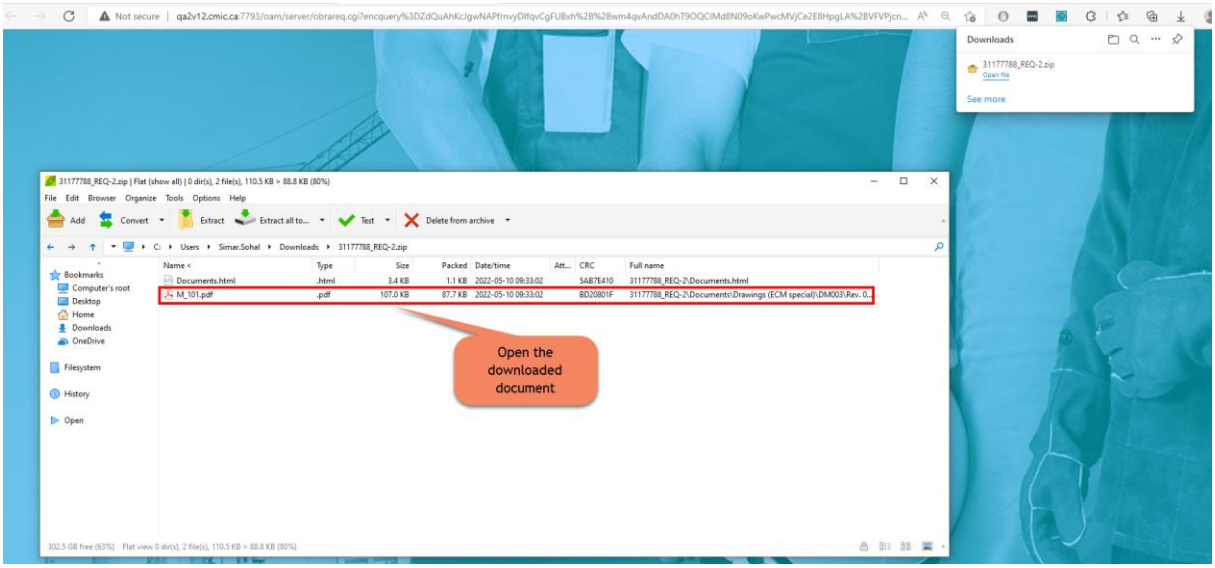



Request For Documents
Welcome to Request For Documents
This application extracts project documents as part of closeout procedures.
To start, you may wish to.
Create a new Request job
Review & Edit a Request job by selecting a row in the table below
Start a previously created Request job by selecting the icon on the job row
Cancel a previously created Request job by selecting the icon on the job row
Create a new Request
Request For Documents
Create New Request for Documents
Refresh Logs
Export to Excel
Name
Status
Email
User
Date Created
REQ-1
Pending
mohd.ahtesham@cmic.ca
Database Administrator
4/19/2022


All
Unread
Today
PTF12C@cmic.ca
Your download is ready fo...
9:33 AM
PTF12C@cmic.ca
Your extraction request RE...
9:33 AM
Your extraction request REQ-2 is accepted for project Major project 2 - End Year 2026
PTF12C@cmic.ca
Simar Sohal
External Email Proceed with Caution
When the Request job is In-Process, user receives notification about processing of Request
Thank you,
We received your extraction request REQ-2 for project Major project 2 - End Year 2026.
CMiC's ECM is currently processing your request.
You will be notified with another email with a link to download your document archive when it is ready.
Please contact our Support via a case should you have any further questions or concerns.
Powered by


Welcome to Request For Documents
This application extracts project documents as part of closeout procedures.
To start, you may wish to.
Create a new Request job
Review & Edit a Request job by selecting a row in the table below
Start a previously created Request job by selecting the icon on the job row
Cancel a previously created Request job by selecting the icon on the job row
Request For Documents
Create New Request for Documents
Refresh Logs
Export to Excel
Name
Status
Email
User
Date Created
REQ-2
Completed
simar.sohal@cmic.ca
5/10/2022
REQ-1
Pending
mohd.ahtesham@cmic.ca
Database Administrator
4/19/2022
1 - 2 of 2 items





Location Added to Punch List Item Import (21.47354)

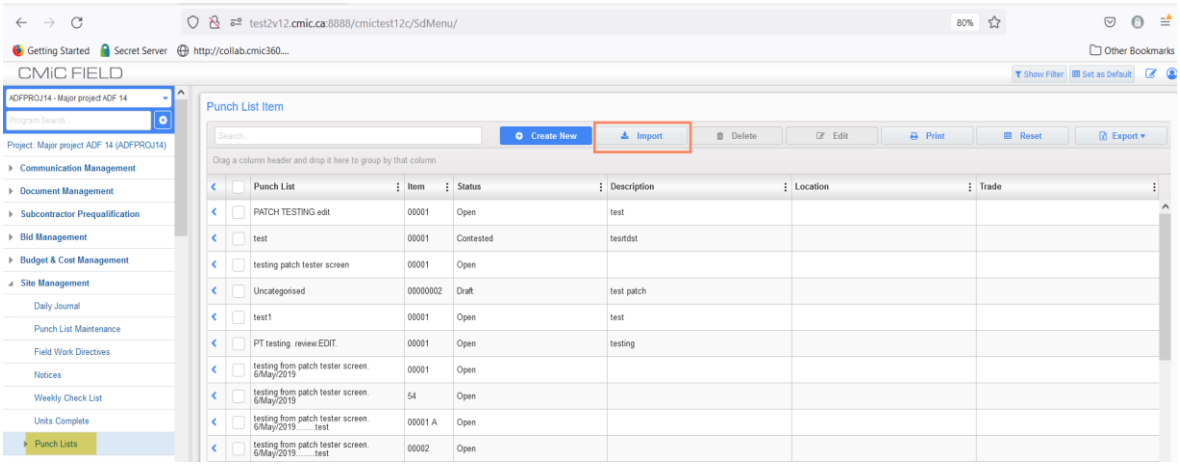
New functionality has been added in Punch List Items Import. A new column 'Locations' has been added in the .ctl file for importing Punch List Items.

NOTE: The Locations can be added in File Maintenance > Local Tables > Locations Maintenance screen.

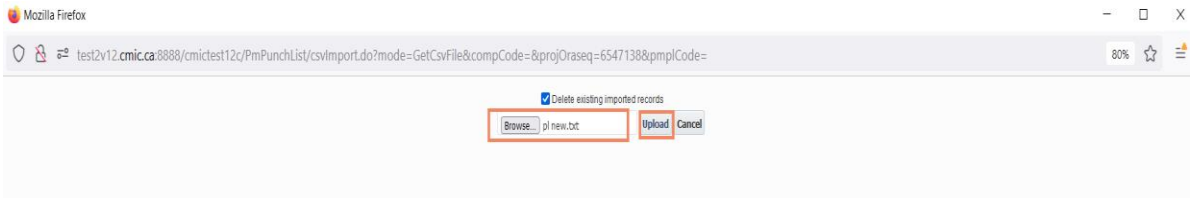
In the Import pop-up user has an option to validate the values being imported. During the import process user will get an option to see the values and to add the new location code.

Example:

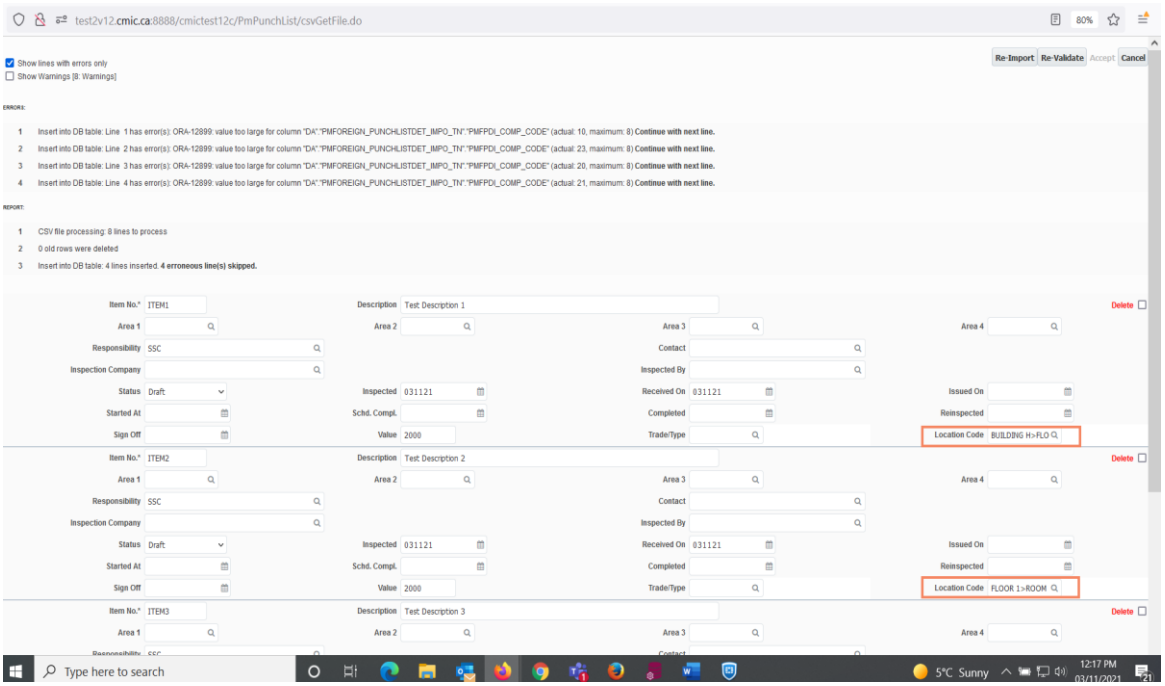
Click on [**Import**] button in the Punch Lists log screen.



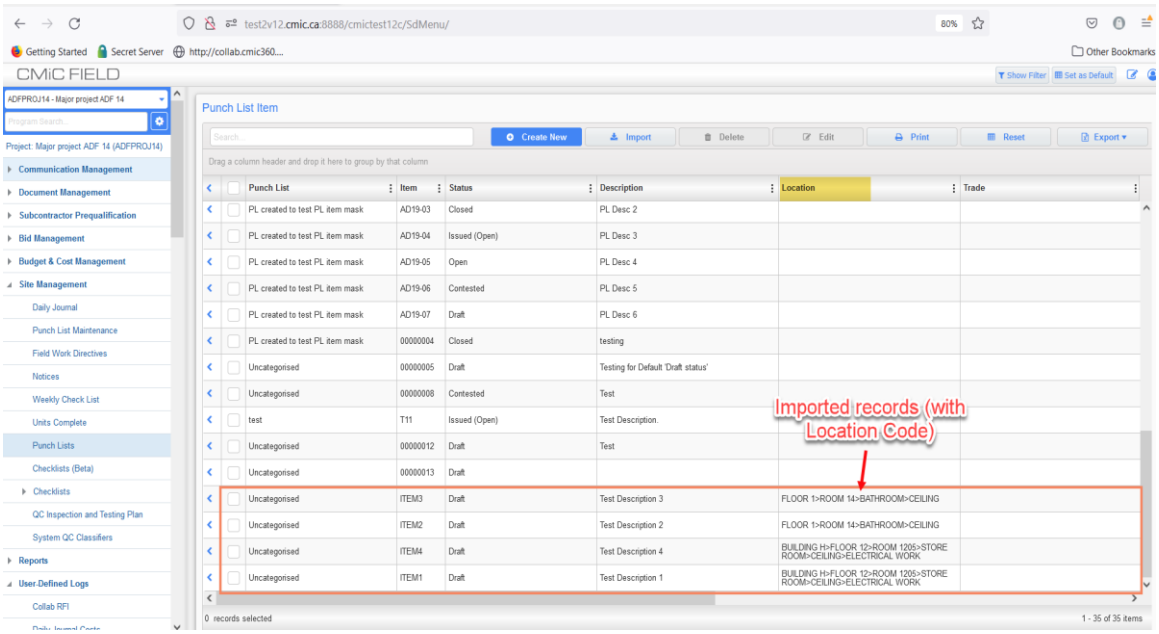
Select the file to be imported and click on [**Upload**].



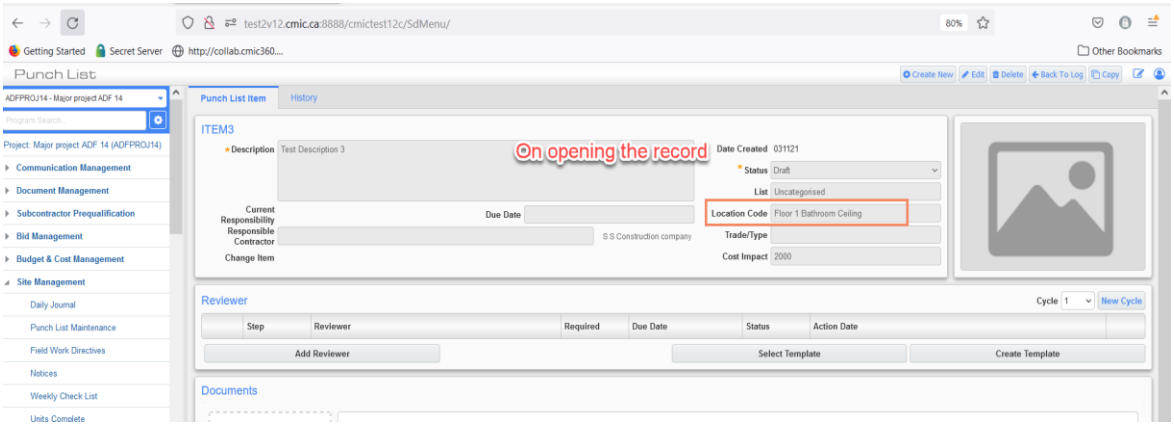
Validation screen appears. In this screen, select the values in Location field from the LOV and click [**Re-Validate**] and [**Accept**].



Refresh the Punch List Items log screen and the imported items with Location code appear in the log screen.

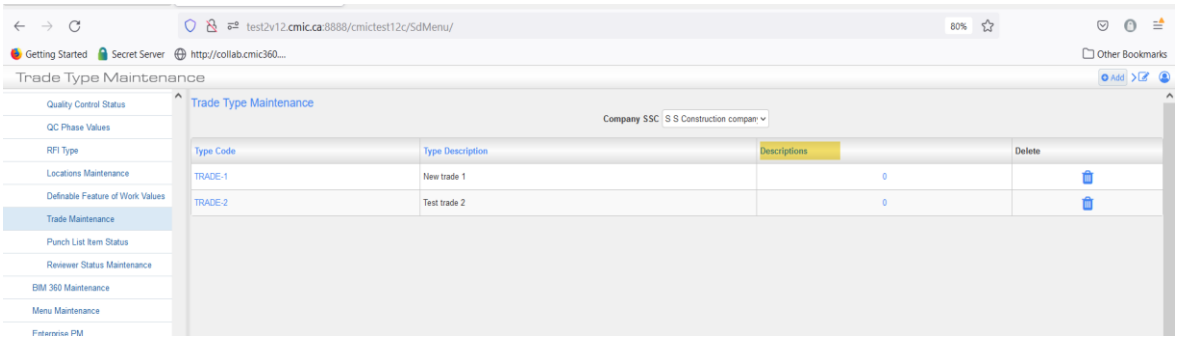


Open a record to verify if the 'Location Code' field displays the correct value.

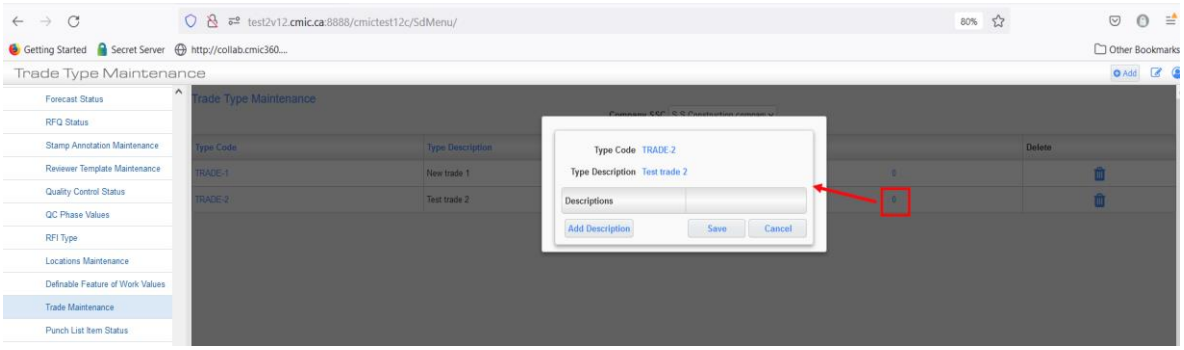


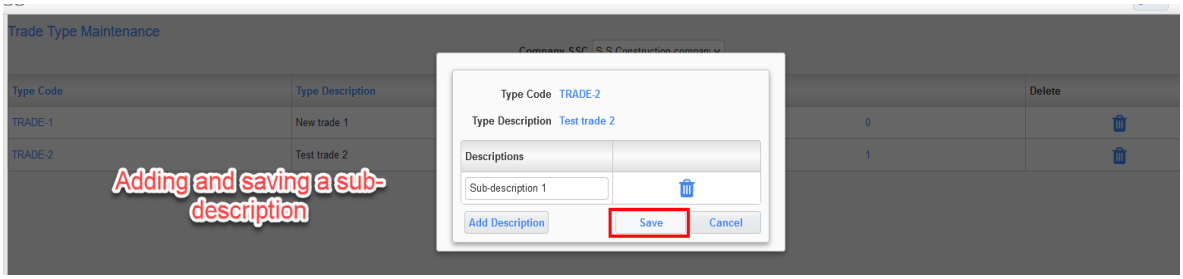
Punch List Items Trade Type Maintenance (21.48888)

A new column: 'Description' has been added in Trade Type Maintenance screen. User can drill down into this column's value and can add multiple sub-descriptions to a particular Trade Type.

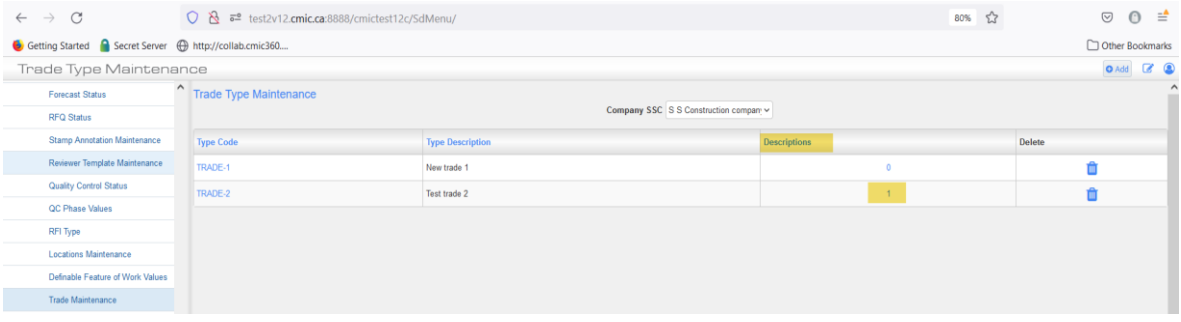


Clicking on the description value link opens a small window to add and save sub descriptions.





NOTE: For a Trade Type record, Description field value appears ‘0’ when no sub-description is added. This value changes based on the number of sub-descriptions added to it. E.g. if 2 sub-descriptions are added, ‘Description’ column will show ‘2’.



Show Related Annotation Documents (21.48954/PM-1760)

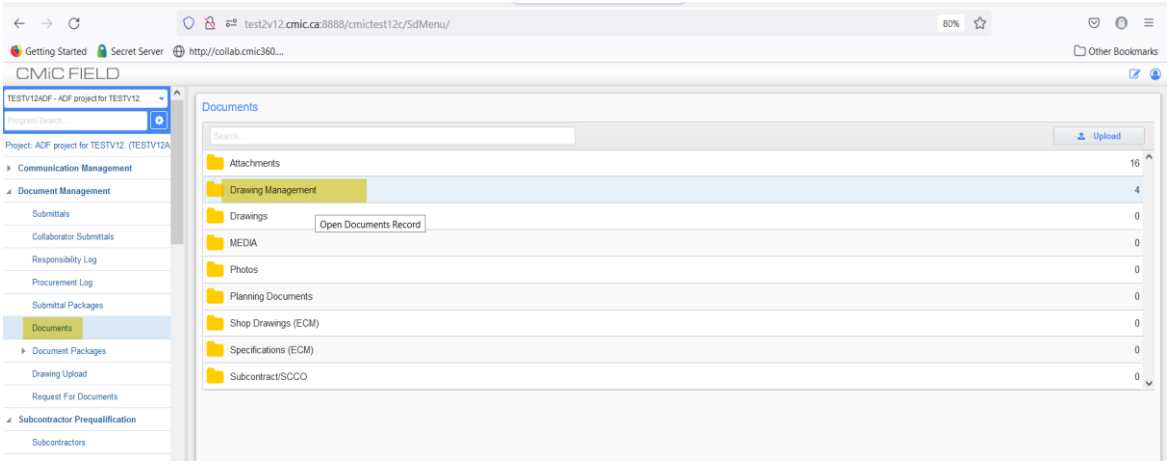
Enhanced the Related Objects pop-up to display both Related Objects and Documents.

Additionally, some changes have been made in the Related Objects pop-up:

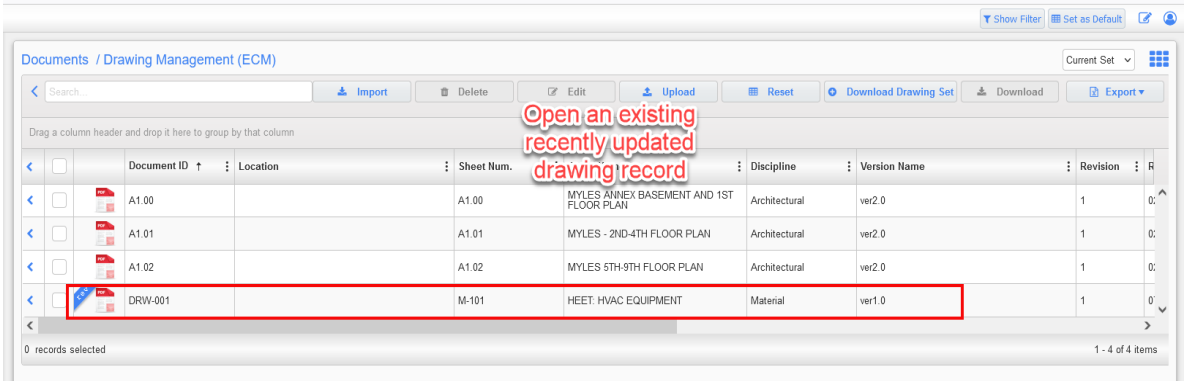
- [**Assign Objects**] button have been removed from the header bar
- Action icon (Delete) has been removed.

Outline

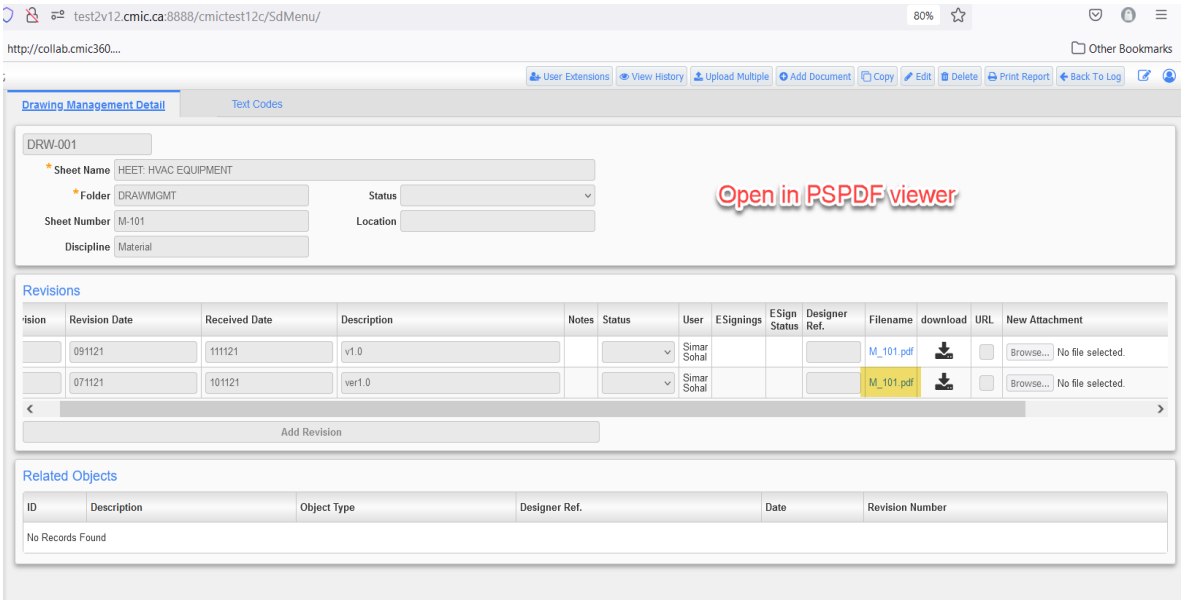
Open Documents > Drawing Management document type.



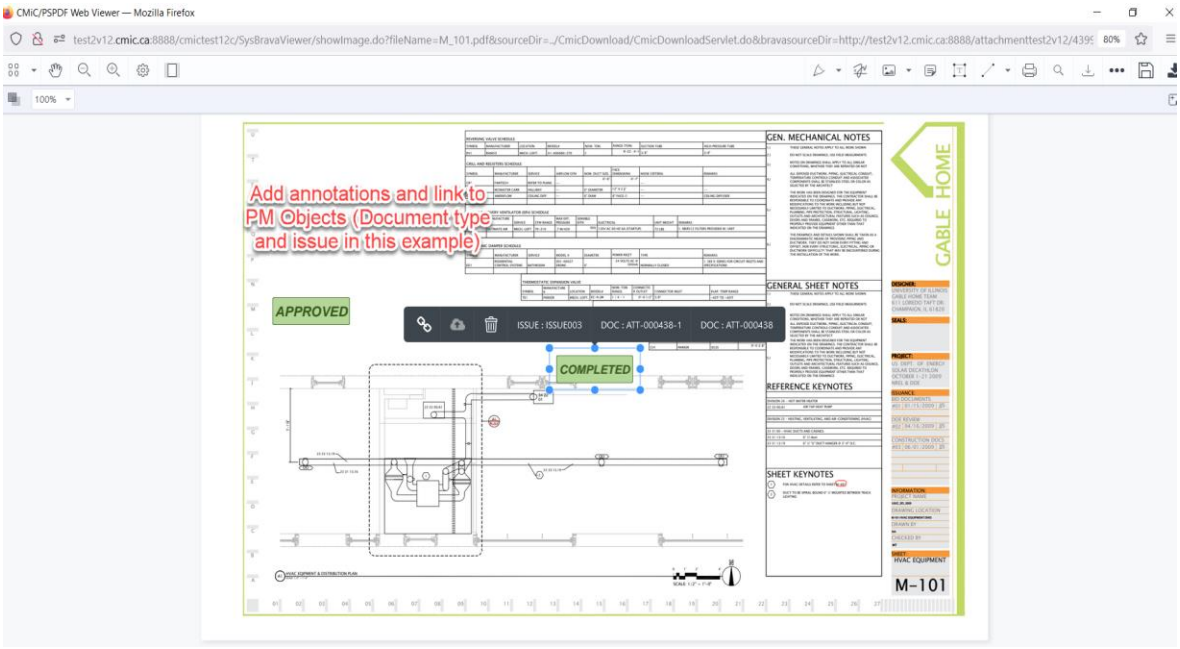
Open an existing recently updated Drawing record or upload new drawing set for testing.



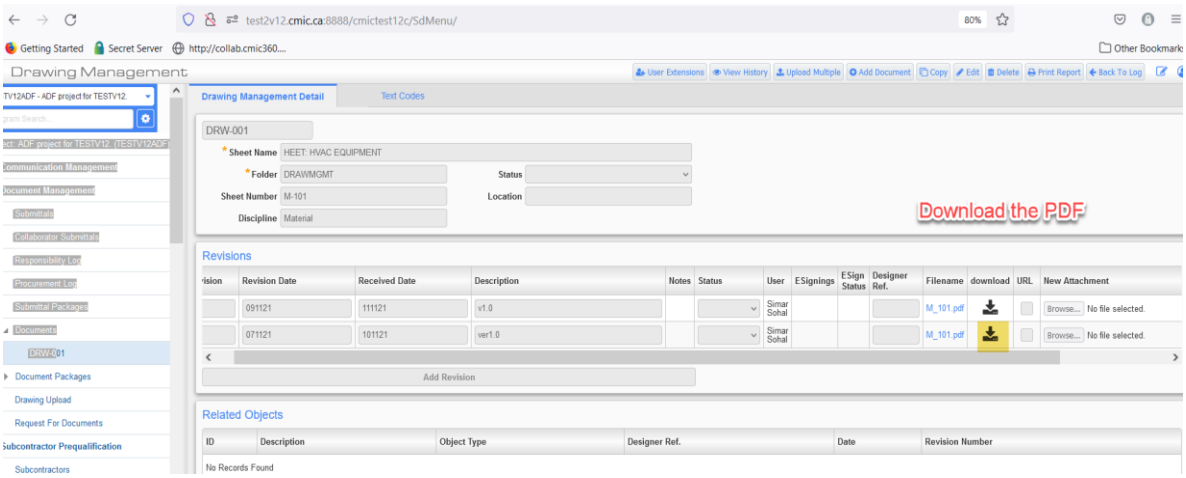
In the record detail screen, click on the latest revision's file name. It opens the drawing in PSPDF Viewer.



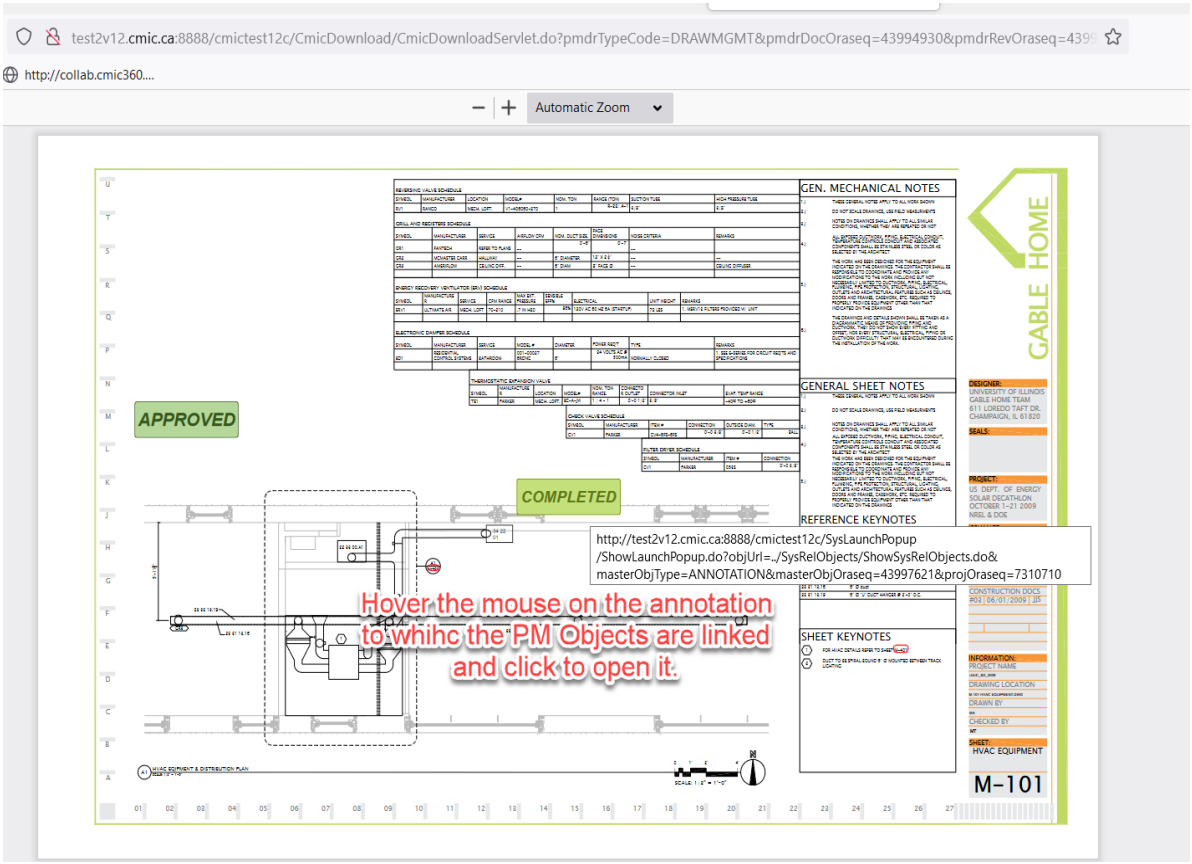
Add annotations to the drawing and link them to PM Objects and Documents.



After saving the annotations, click on the download icon for the same drawing to download its pdf.

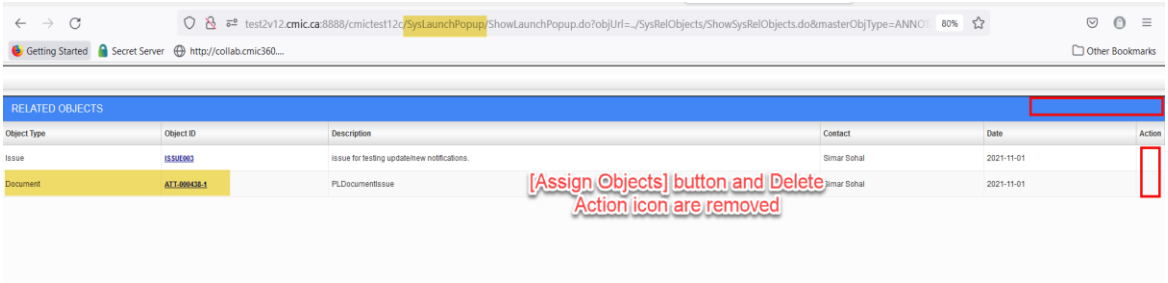


In the PDF, click on the annotation to which PM Objects were linked.



Clicking on the annotation displays the Related Objects pop-up, in which all the PM Objects and Documents linked to the annotation appears.

NOTE: In the Related Objects pop-up, [**Assign Objects**] button and Delete Action icon have been removed.

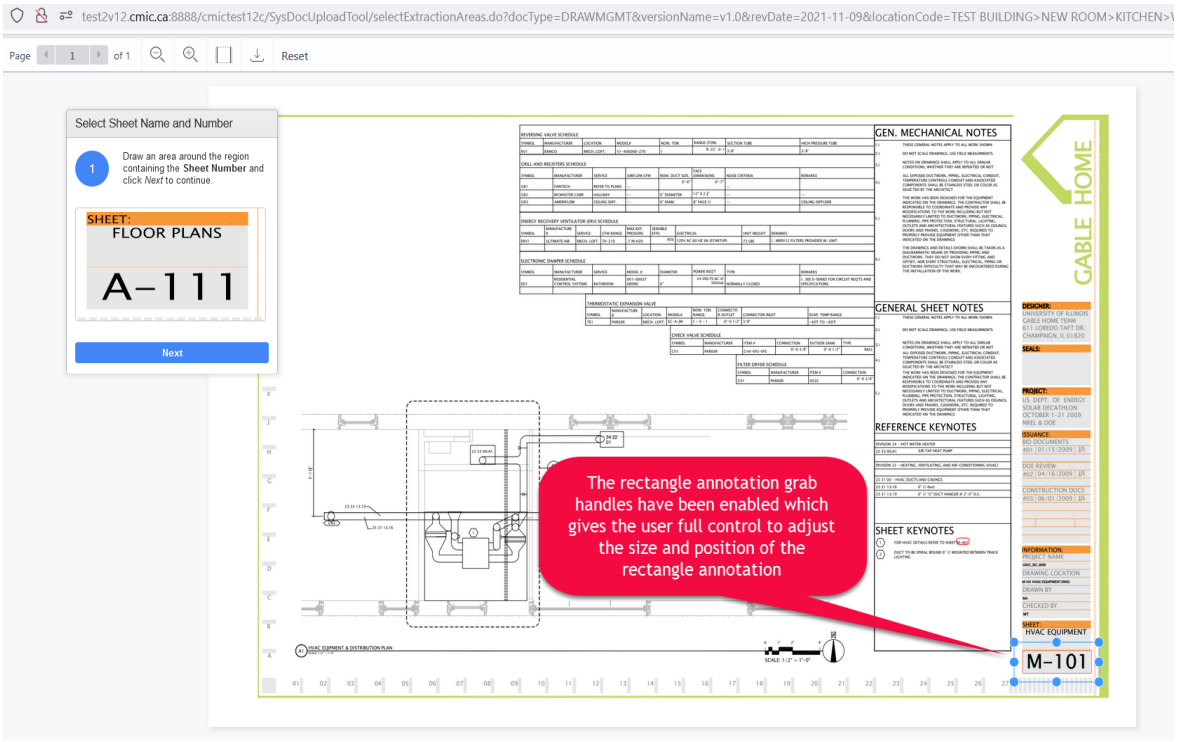


Drawing Sheets Upload – More Extraction Enhancements (21.50002)

An enhancement has been done in Drawing Upload screen to allow the user to adjust the size of the Extraction Region box.

The rectangle annotation resize grab handles have been enabled, which gives the user full control of adjusting the extraction region box's size and placement.

When the user confirms the selection, the annotation gets locked, so that user can focus on next annotation.



SC SOV Import – Modified to support WBS Codes (21.46108)

The SC SOV Import Schedule has been modified to support WBS Codes Import functionality on Subcontract SOV lines. A new import file has been provided for the user which allows the user to import WBS Codes on Subcontract SOV.

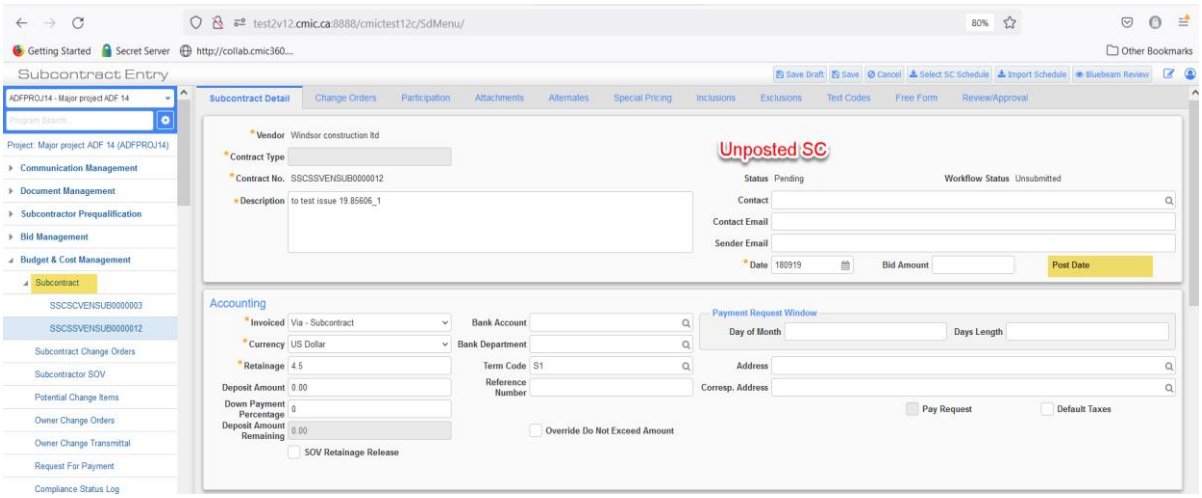
Import file layout (pmscsov.ctl)

fields terminated by "," optionally enclosed by ""

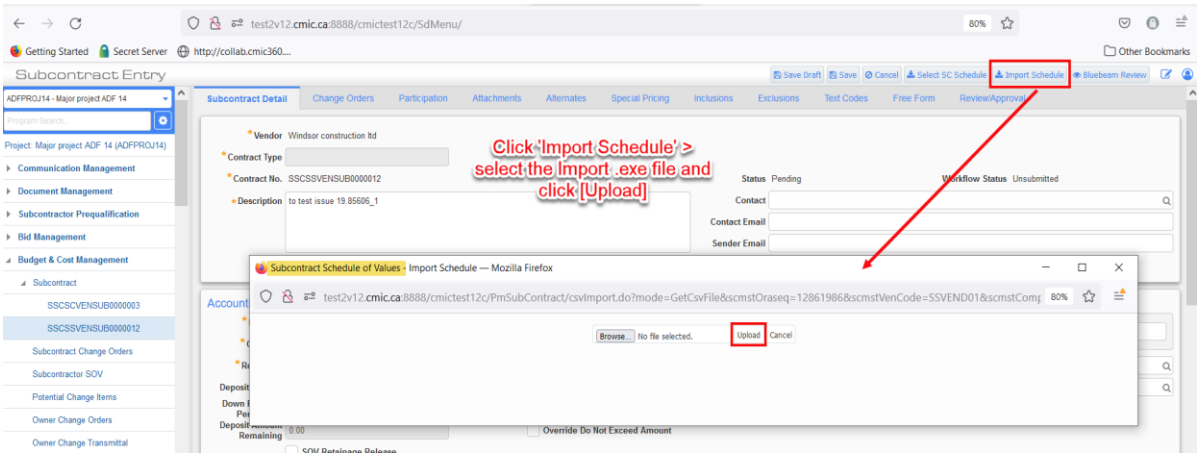
pmsovi_task_code varchar2(16)
,pmsovi_task_name varchar2(200)
,pmsovi_unit number
,pmsovi_wm_code varchar2(2)
,pmsovi_unit_rate number
,pmsovi_amt number
,pmsovi_job_code varchar2(10)
,pmsovi_phs_code varchar2(16)
,pmsovi_cat_code varchar2(16)
,pmsovi_jb_bill_code varchar2(50)
,pmsovi_tax1_code varchar2(11)
,pmsovi_tax1_taxable_flag varchar2(1) 'Y/N'
,pmsovi_tax2_code varchar2(11)
,pmsovi_tax2_taxable_flag varchar2(1) 'Y/N'
,pmsovi_tax3_code varchar2(11)
,pmsovi_tax3_taxable_flag varchar2(1) 'Y/N'
,pmsovi_hldbk_pct number
,pmsovi_apexp_code varchar2(10)
,pmsovi_long_desc varchar2(2000)
,pmsovi_wbsv_code1 varchar2(60)
,pmsovi_wbsv_code2 varchar2(60)
,pmsovi_wbsv_code3 varchar2(60)
,pmsovi_wbsv_code4 varchar2(60)

Import Process Outline

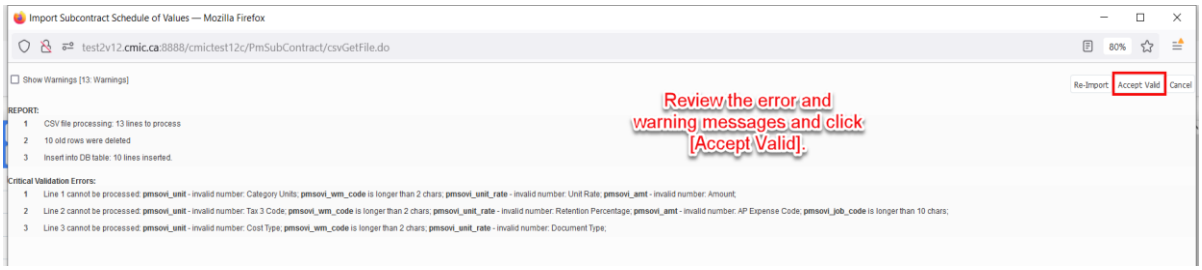
Opened an unposted subcontract.



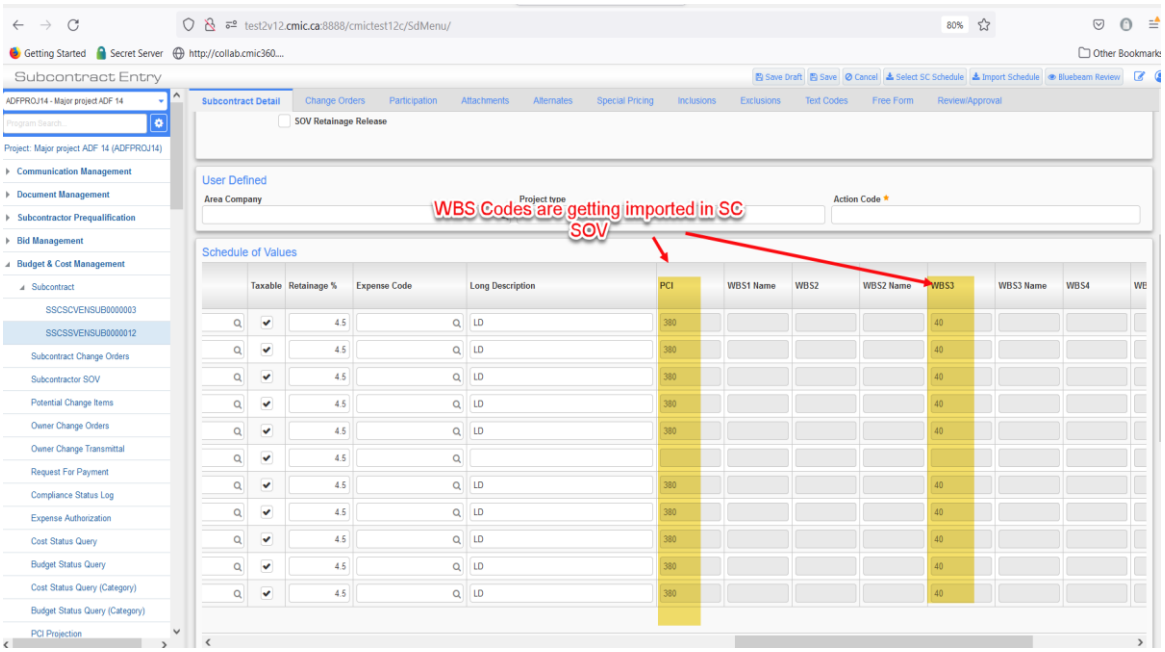
In Edit mode, clicked on [Import Schedule] button. SC SOV Import Schedule pop-up appears. Select the import .exe file and click on [**Upload**].



The SC SOV Import Validation screen appears. In this screen review the error and warning messages and click on [**Accept Valid**].



The SOV lines with WBS Codes are getting imported successfully.



Submittal Logs – New Columns Added (20.33745)

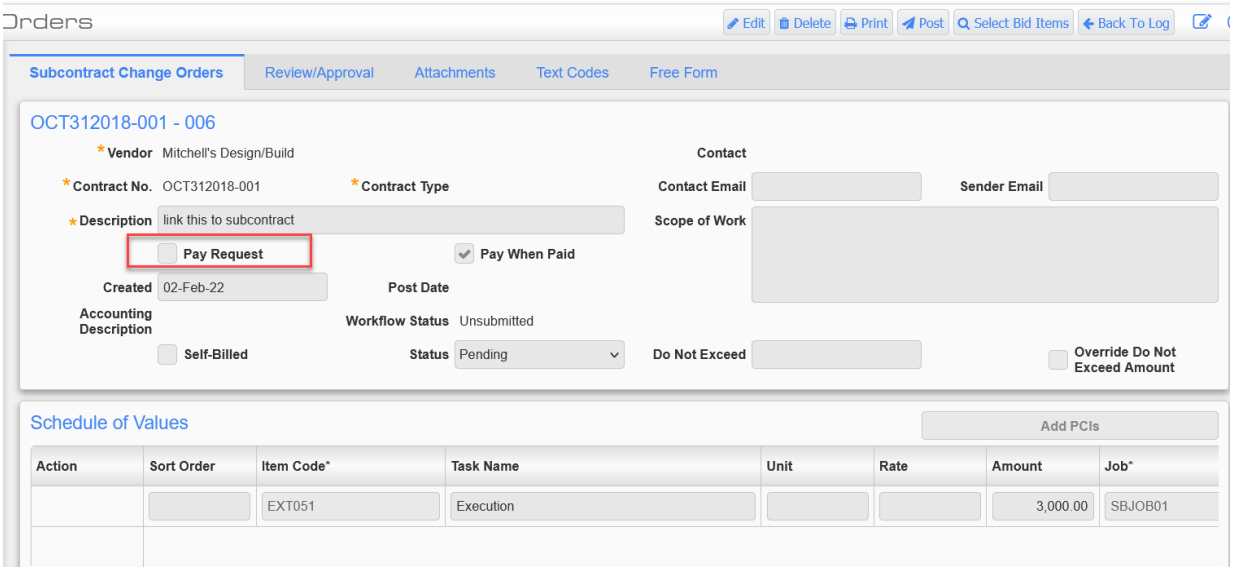
The following new columns have been added in Submittal logs:

- Return Review Lead Time
- Return Review Start Date
- Return Review End Date
- Current Return Review Start Date
- Current Return Review End Date
- Record Status

The user can Add/Remove these columns with the Log Builder.

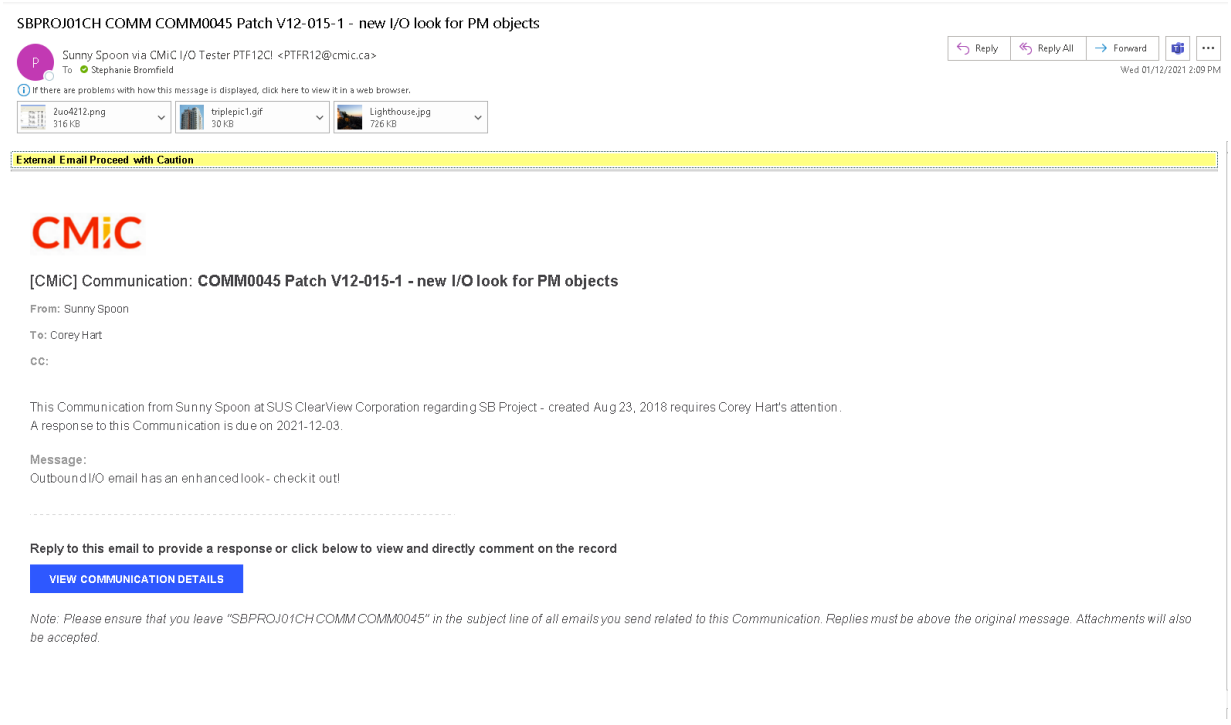
Subcontract Change Order - Added GCS Pay Request Flag (19.86283)

Subcontract Change Order - Added GCS Pay Request flag to the screen to indicate that the change order can be processed through GCS for payment:



IO Email Template Customizations (21.48278, PM-352)

A new look email has been designed for outbound I/Os.



Cost Status Query Enhancement - Added PCI Description to PCI Transactions popup (21.44330)

Added PCI Description to the PCI pop-up window in the Cost Status Query and Budget Status Query (category and non-category).

Cost status Query

Internal and Transfer CO

External CO,

Pending CO,

Prepending CO

Proceeding Projected,

Non-Proceeding CO

Cost Status Query (Category)

Internal and Transfer CO

External CO,

Pending CO,

Prepending CO

Proceeding Projected,

Non-Proceeding CO

Budget status Query

Internal and Transfer CO

External CO,

Pending CO,

Prepending CO

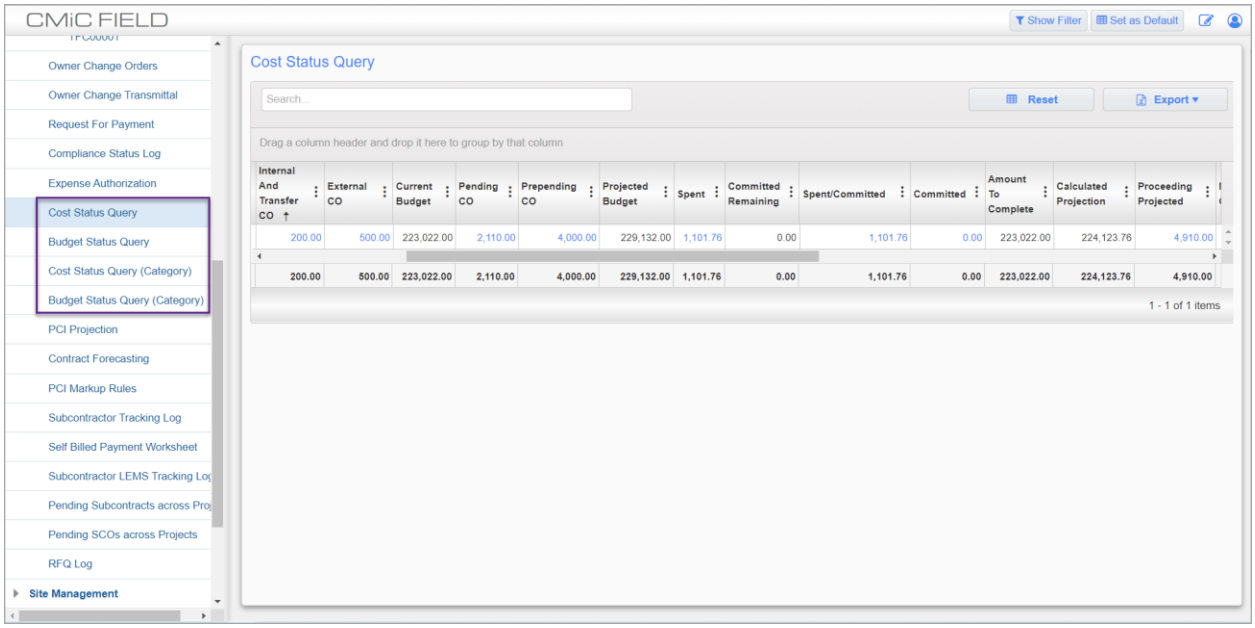
Budget Status Query (Category)

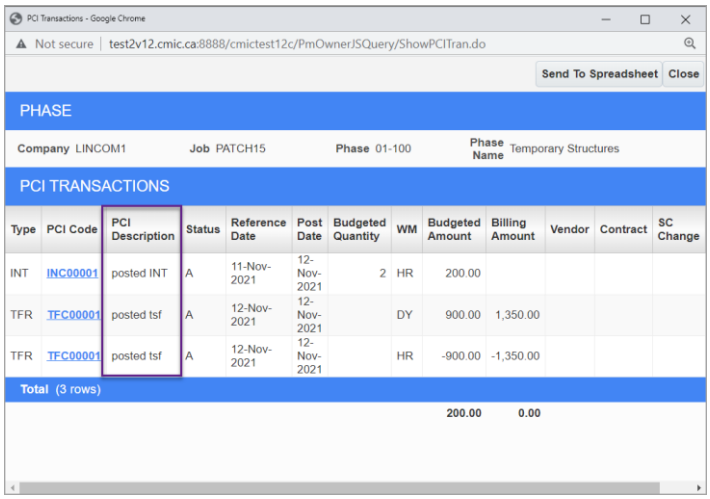
Internal and Transfer CO

External CO,

Pending CO,

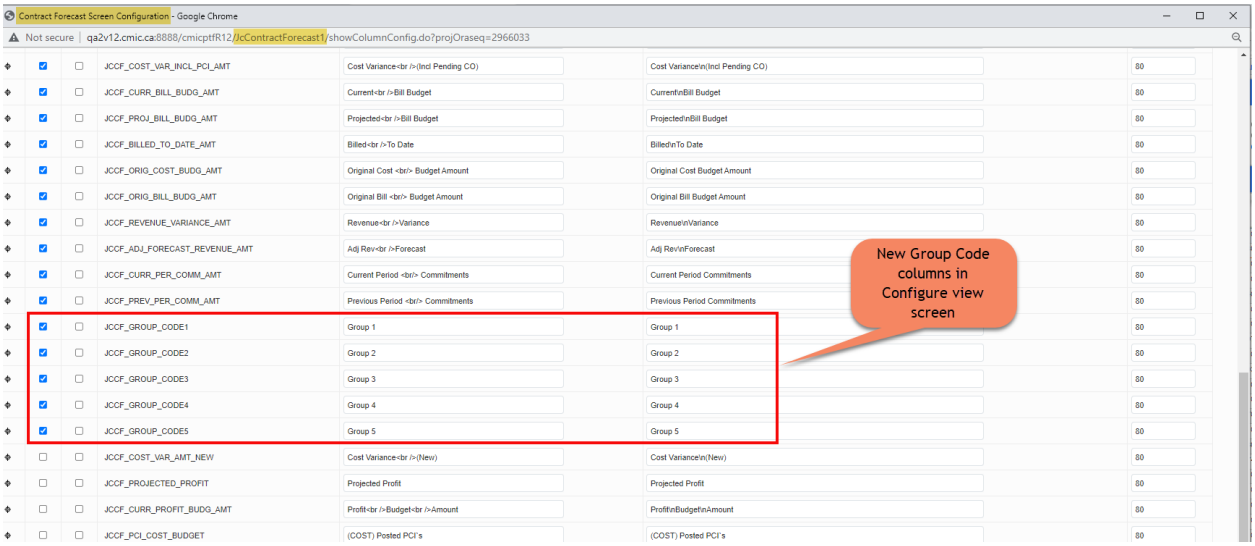
Prepending CO



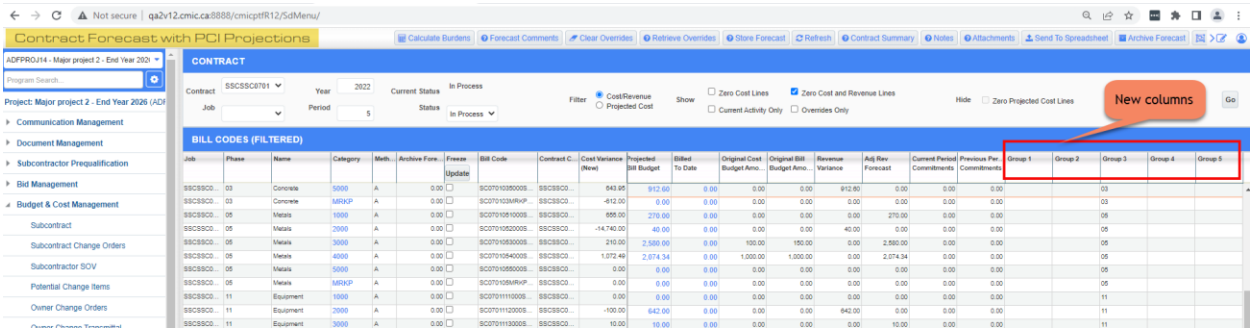


Contract Forecast – Added Group Code columns to Configure view and Forecast screen (21.42765)

An enhancement has been made in Contract Forecast screen. 5 Group Code columns have been added to the Configure View and Contract Forecast screens.



When the 'visible' checkbox for all 5 Group Codes is checked in Configure view screen and [Save] is clicked; then the Forecast screen refreshes and displays the new added Group Code columns.

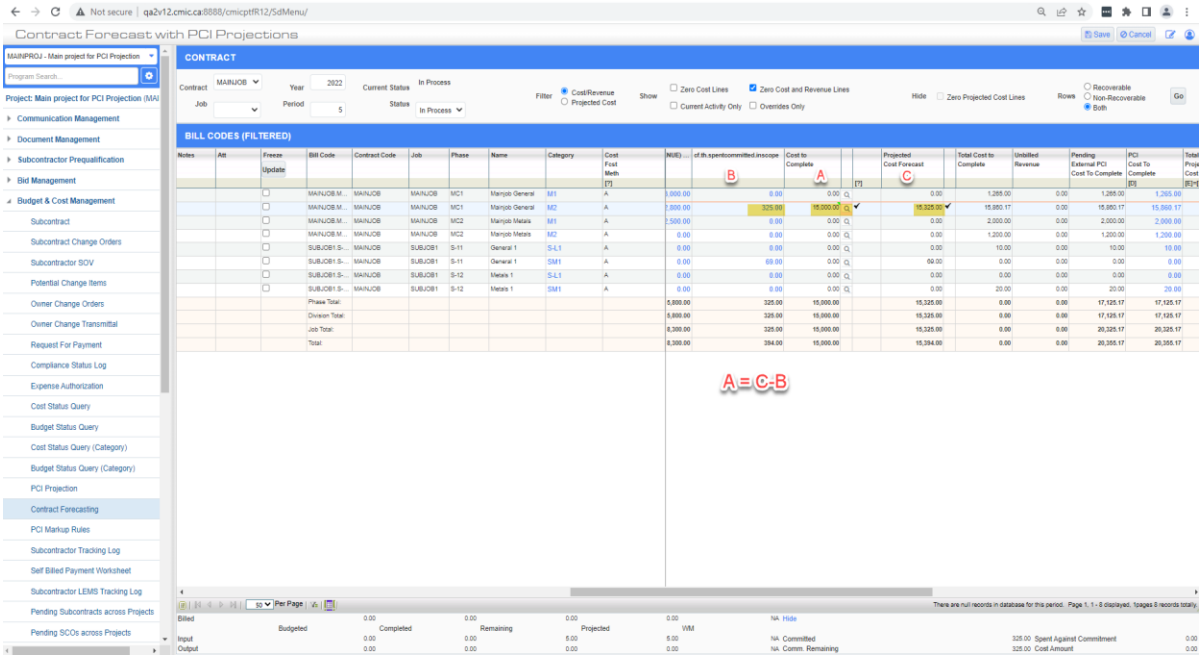


Contract Forecast – Changed the Formula for Cost to Complete (21.51712)

The formula for 'Cost to Complete' in Contract Forecast has been changed.

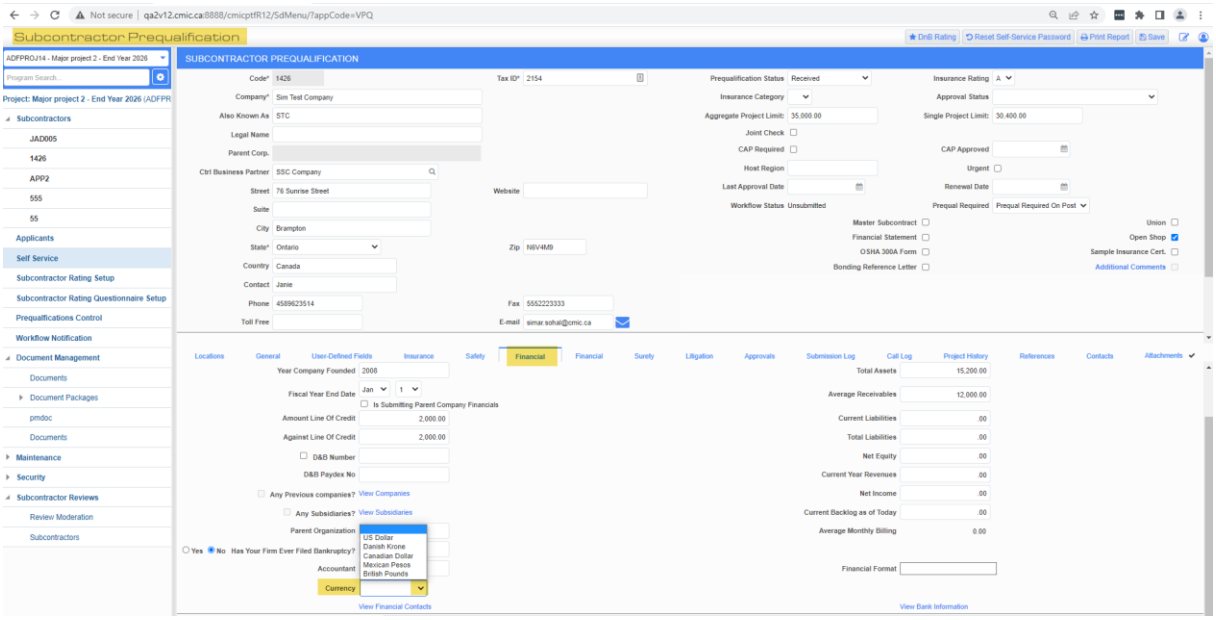
Now, Cost to Complete (CTC) = Projected Cost Forecast – Spent/Committed (In scope).

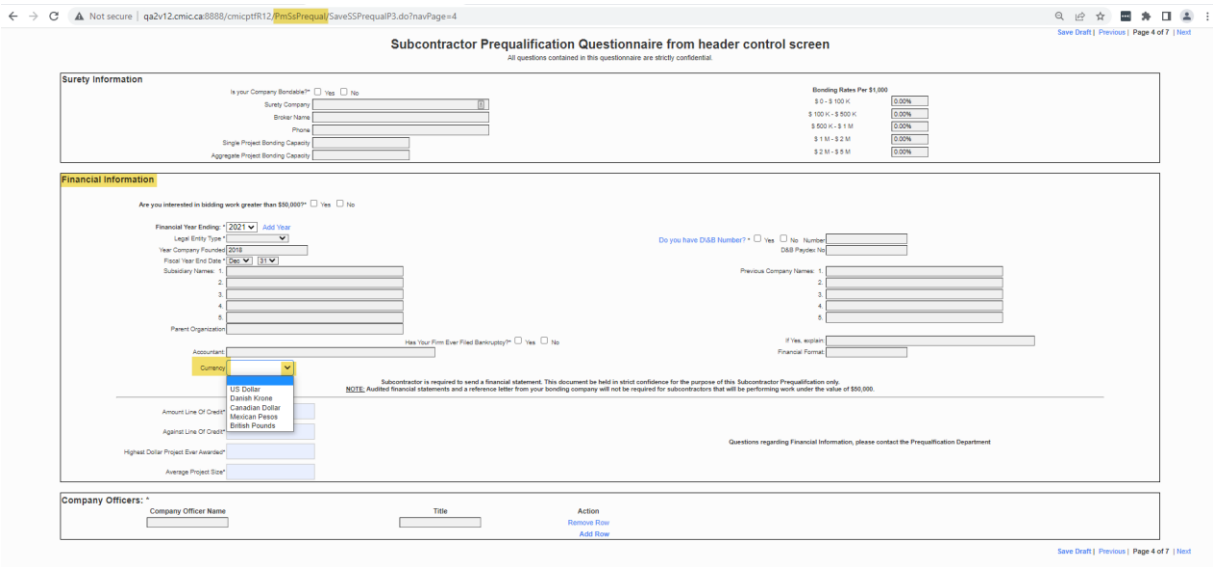
NOTE: This formula should work when the CTC is overridden; and when the overrides are cleared. The Cost to Complete column value should always reflect the subtraction of Project Cost Forecast and Spent/Committed (In scope).



Subcontract Prequalification – Added Currency field to 1st Financial tab of Subcontractor Prequal and Page 4 of Self Service Prequal (22.52898, CF-661, CF-662)

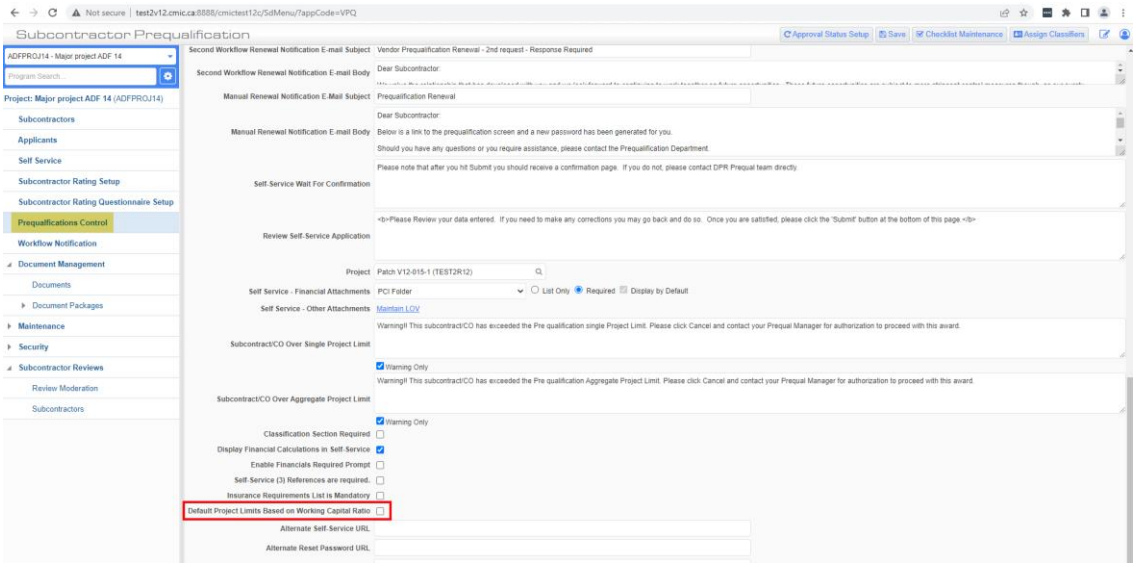
A new field “Currency” has been added to the 1st Financial tab of Subcontractor Prequalification and to Page 4 of Self Service Prequal (‘Financial Information’ section).





Subcontractor Prequalification – Added Calculation for Single and Aggregate Award Limits (22.55253, CF-1060, CF-1076, CF-737)

A new flag “Default Project Limits Based on Working Capital Ratio” has been added to Prequalification Control screen.

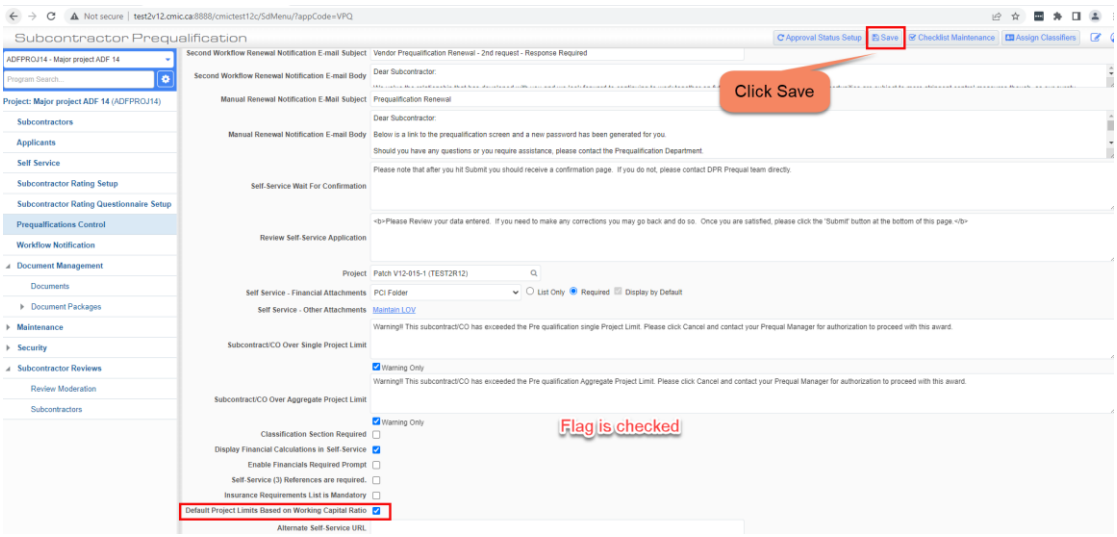


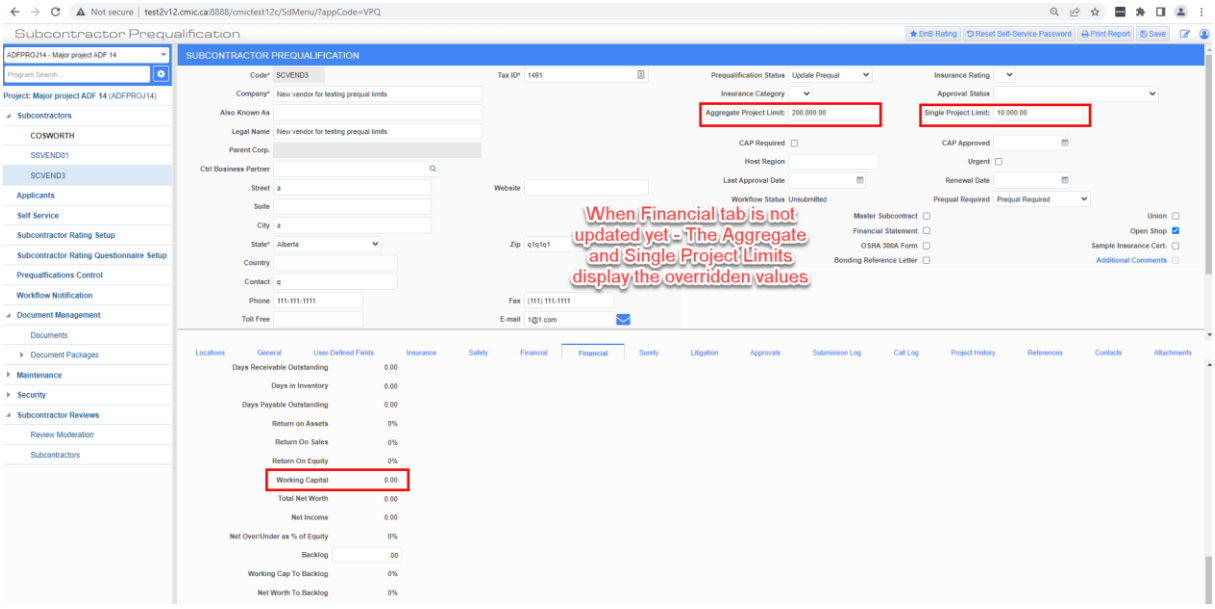
When this flag is checked (Y), then ‘Aggregate Project Limit’ and ‘Single Project Limit’ fields will default as 2x the value from the ‘Working Capital’ field (This field is in Financials tab – Contractor Prequalification screen).

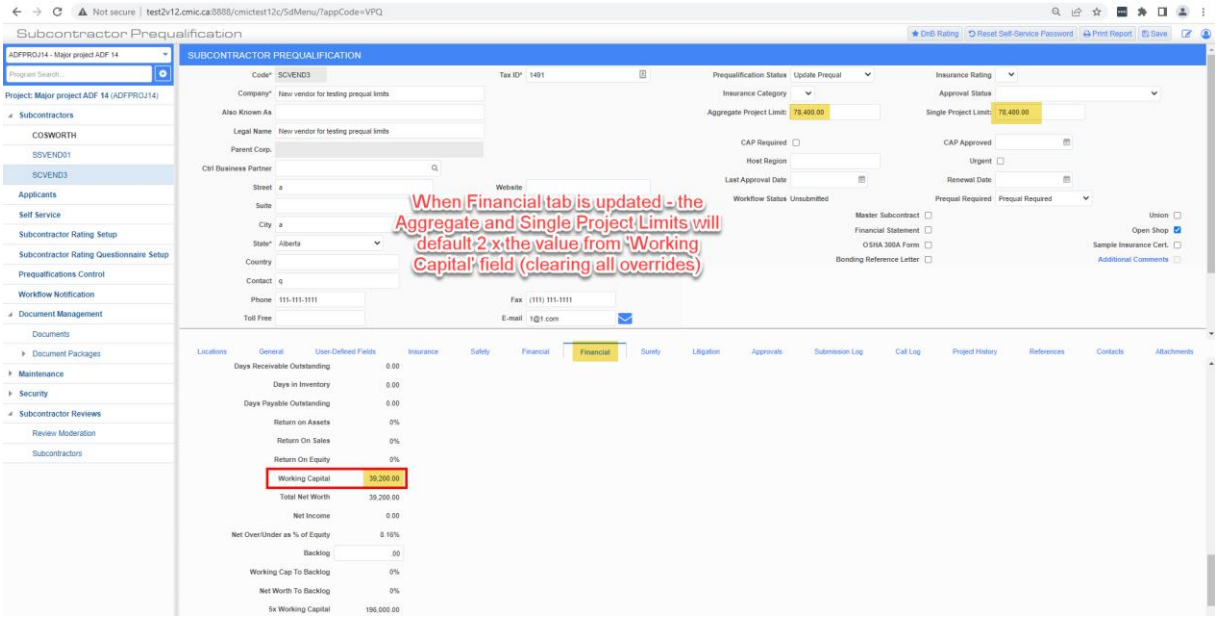
These default values can be overridden by the user, who have access to the field.

The default values will get re-calculated (clearing any overrides) in case the Financial values are updated.

NOTE: When an applicant submits their questionnaire the Single and Aggregate Project Limits would calculate as 2x working capital. This will be a one-time calculation per applicant, per renewal period.



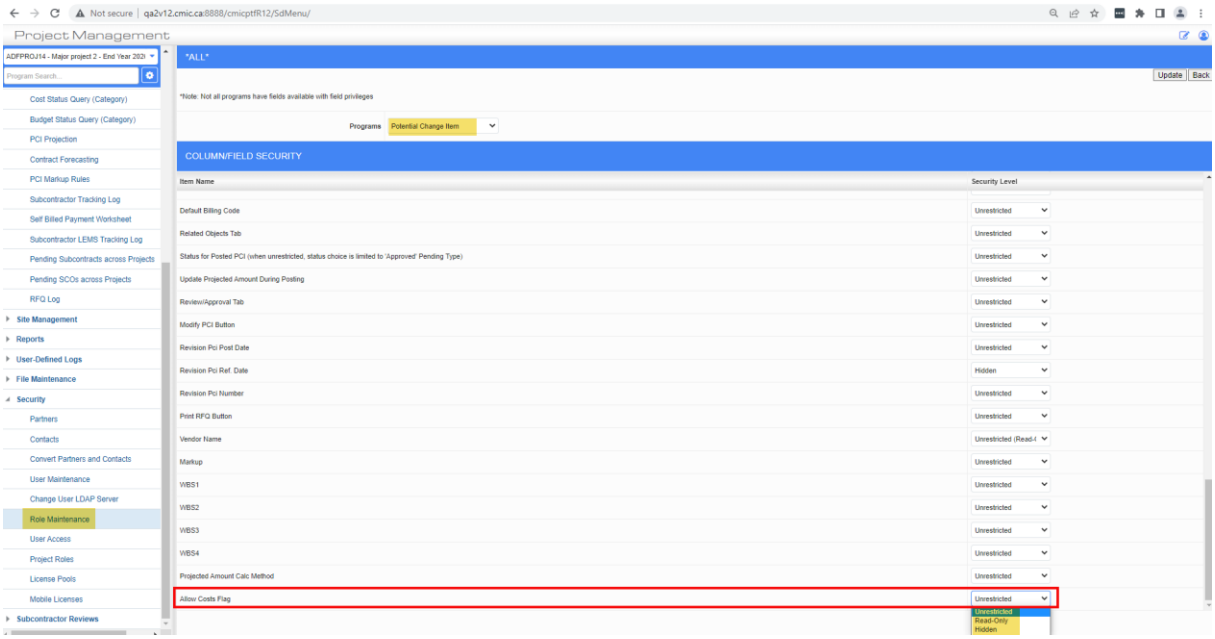




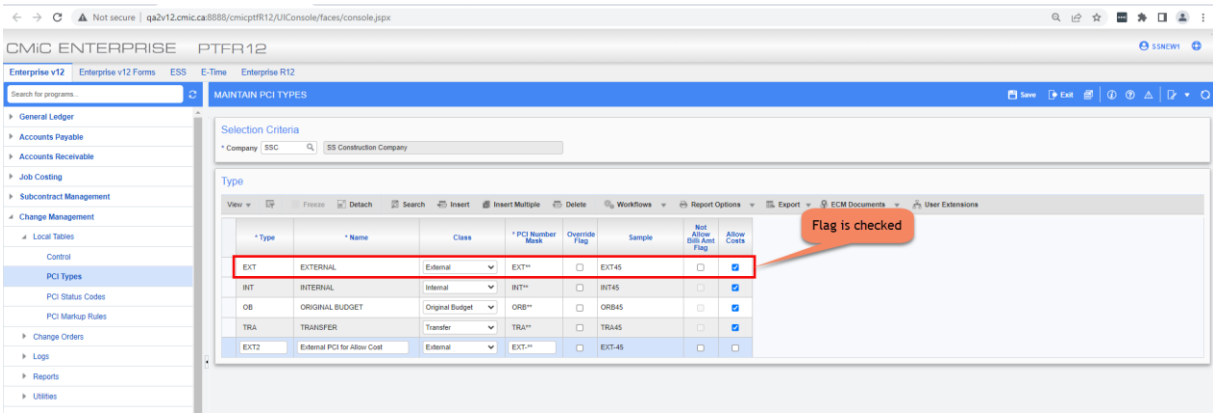
PCI Entry – Added ‘Allow Cost’ flag to PCI header (21.38030)

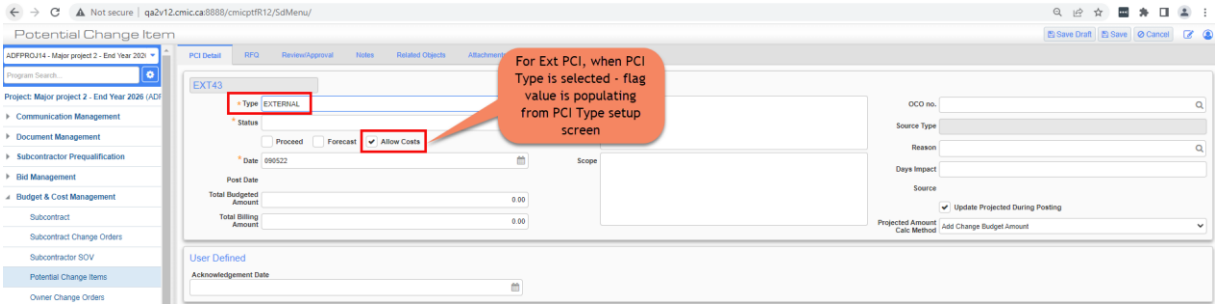
A new flag 'Allow Cost' has been added to the PCI header in PCI Entry screen. This flag gets default value based on Allow Cost flag from relevant PCI Type on Maintain PCI Types setup.

Field Security of ‘Unrestricted’, ‘Read-Only’ and ‘Hidden’ has been provided for the Allow Cost flag in PCI Entry screen.



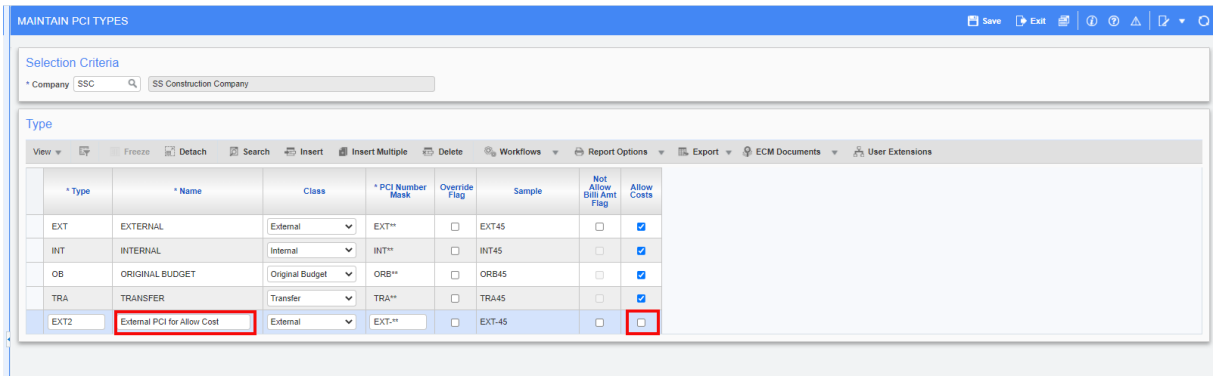
The Allow Cost flag, on PCI Entry screen, gets default value from the PCI Type setup:

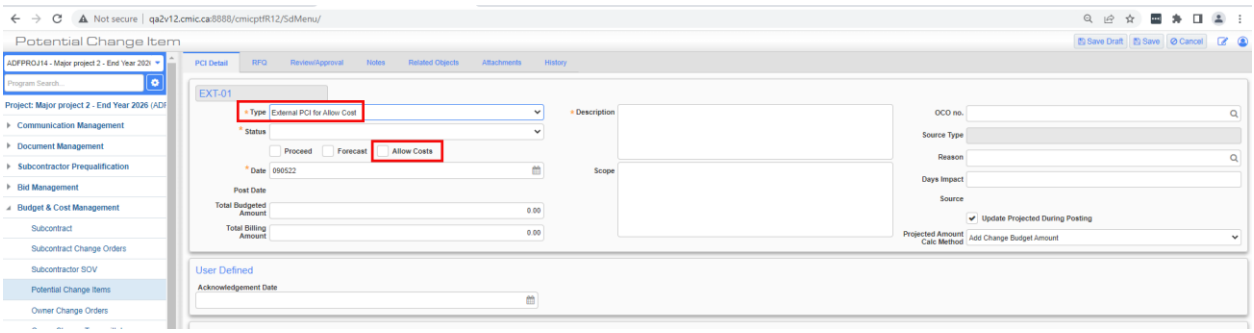




NOTE: The new flag is editable for the unposted and posted PCIs. When unchecked, the PCI does not appear for selection in cost transaction screens, MCT, Crew timesheets, Imaging, JC transaction, etc.

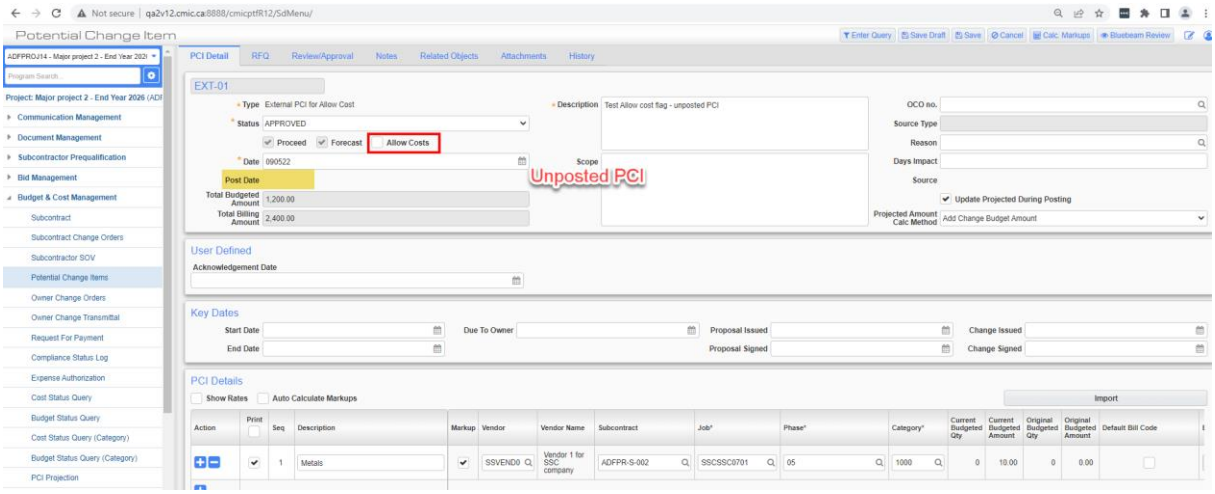
When a PCI is created and is unposted, if the user changes the PCI Type, the 'Allow Costs' flag defaults the value for the updated PCI Type from the PCI Type setup screen in ADF.



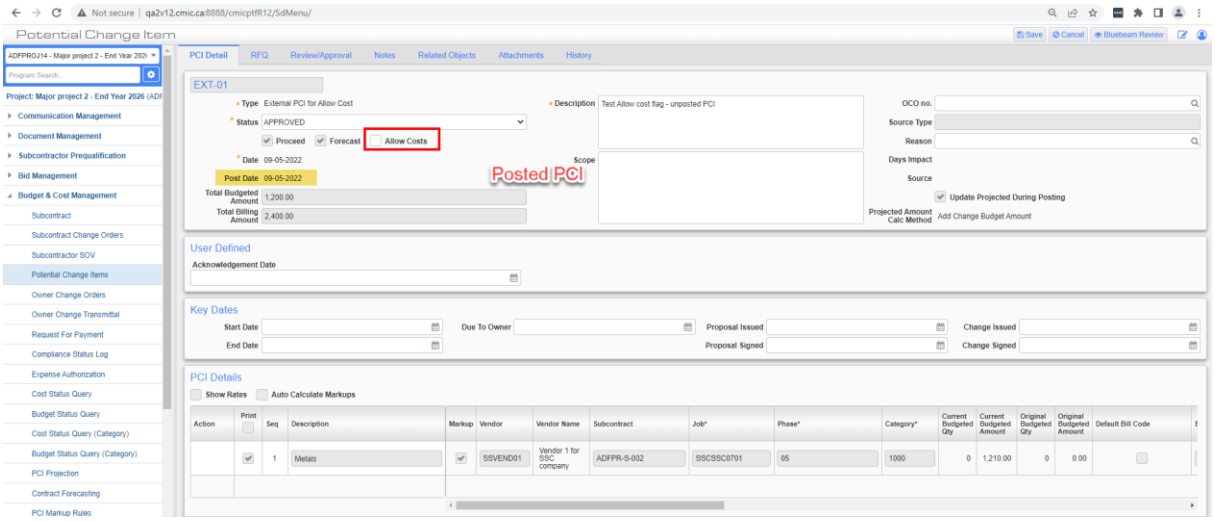


This flag is enabled for unposted and posted PCIs on PCI entry screen and can be updated when needed.

Unposted PCI:

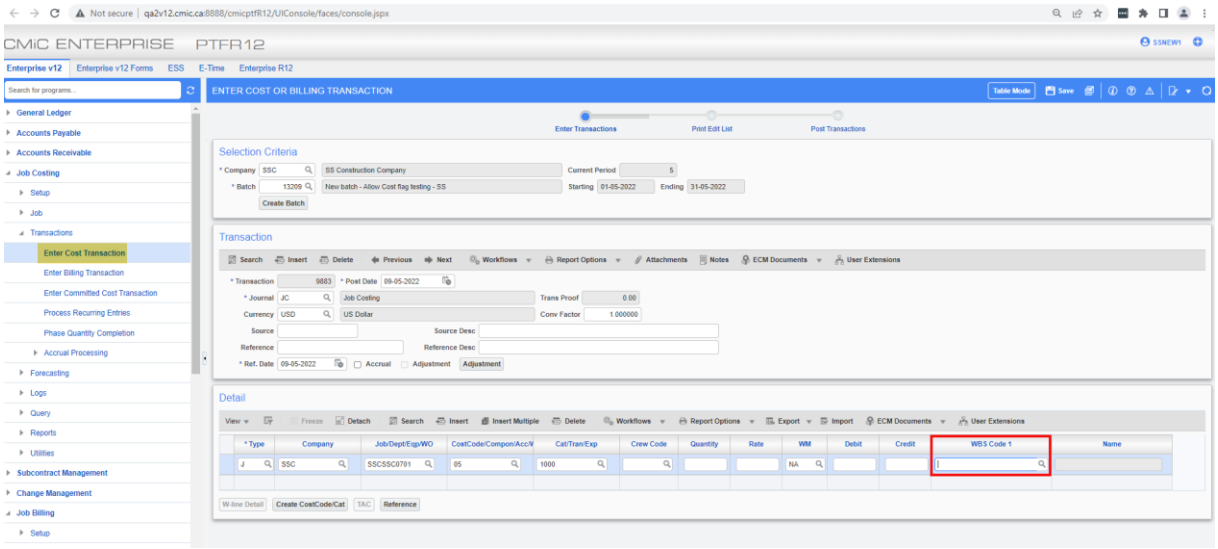


Posted PCI:



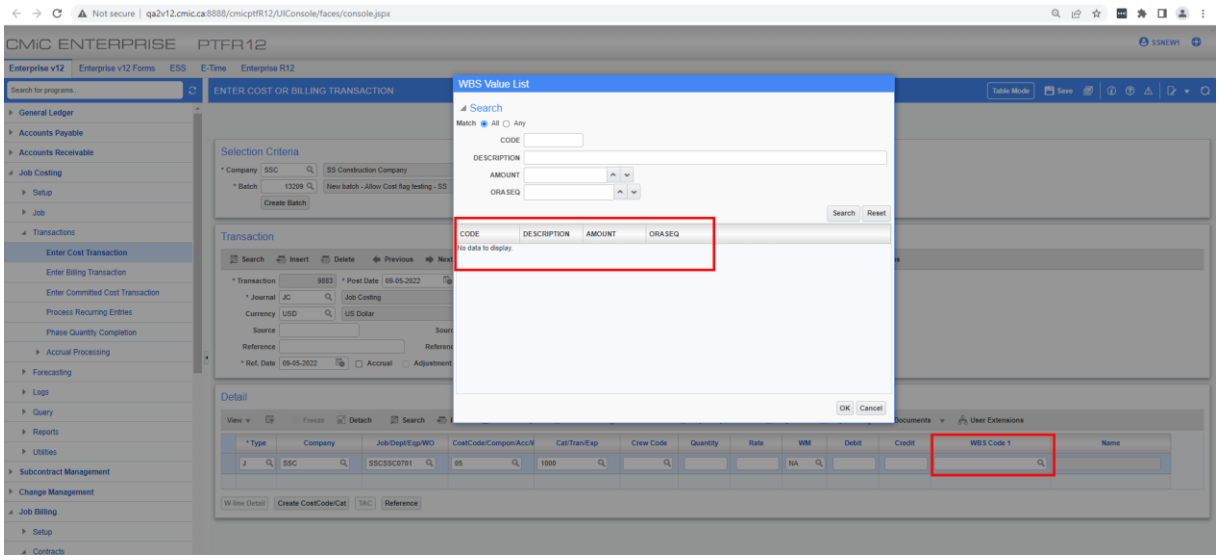
When the Allow Cost flag is unchecked, the PCI will not show in LOV on relevant screens.

Below is an example from JC Cost Transaction Entry screen:



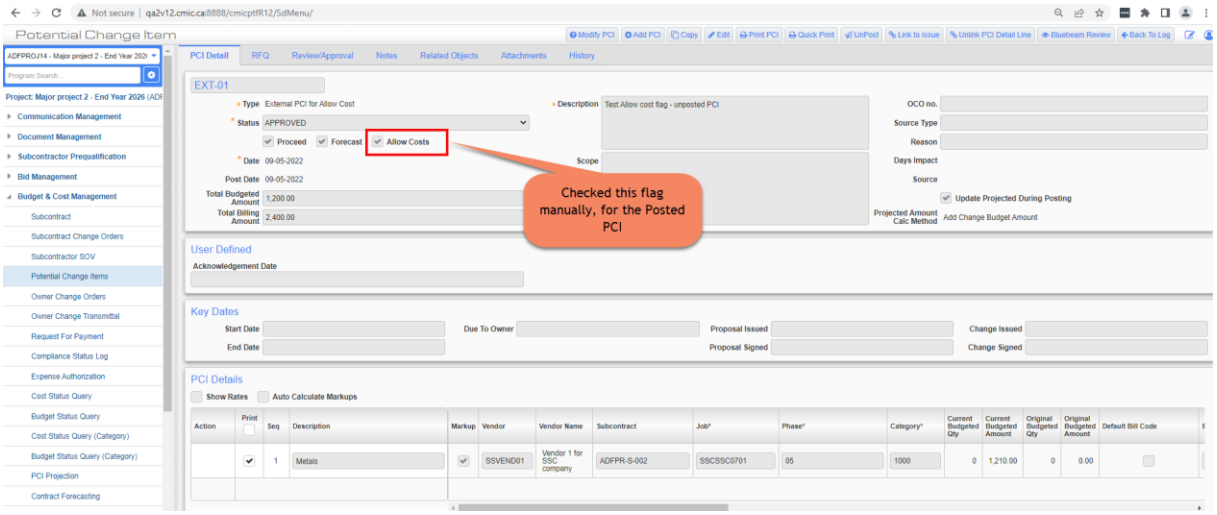
The relevant LOV is not showing the posted PCI because Allow Cost is unchecked for it, as shown in the previous screen shots.

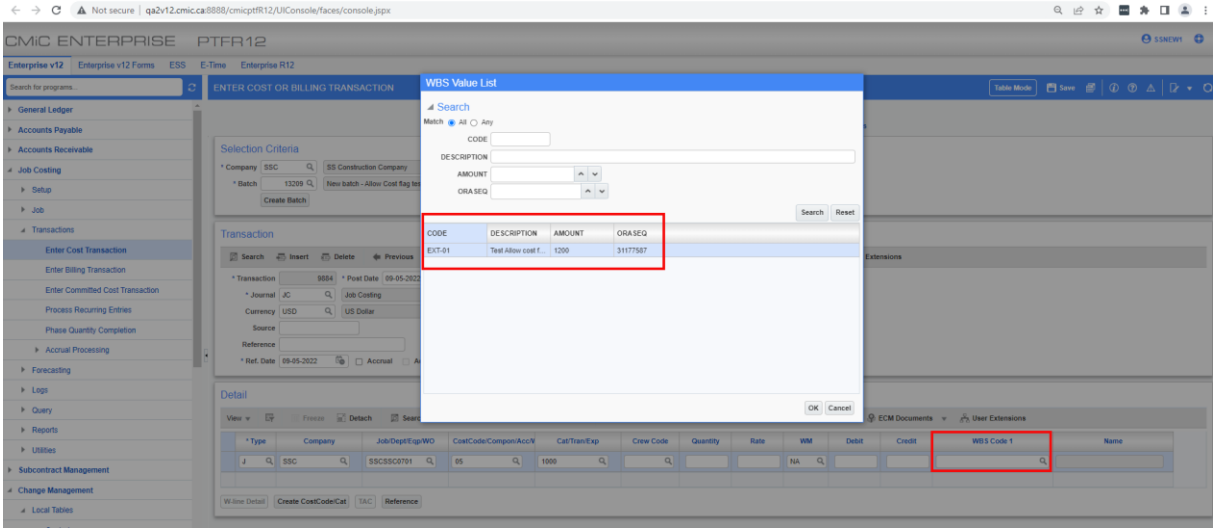
NOTE: In the Enter Cost Transaction screen – WBS Code column associated with PCI will become enabled only when user selects the phase and category for the Transaction detail line, same as the created PCI's phase and category.



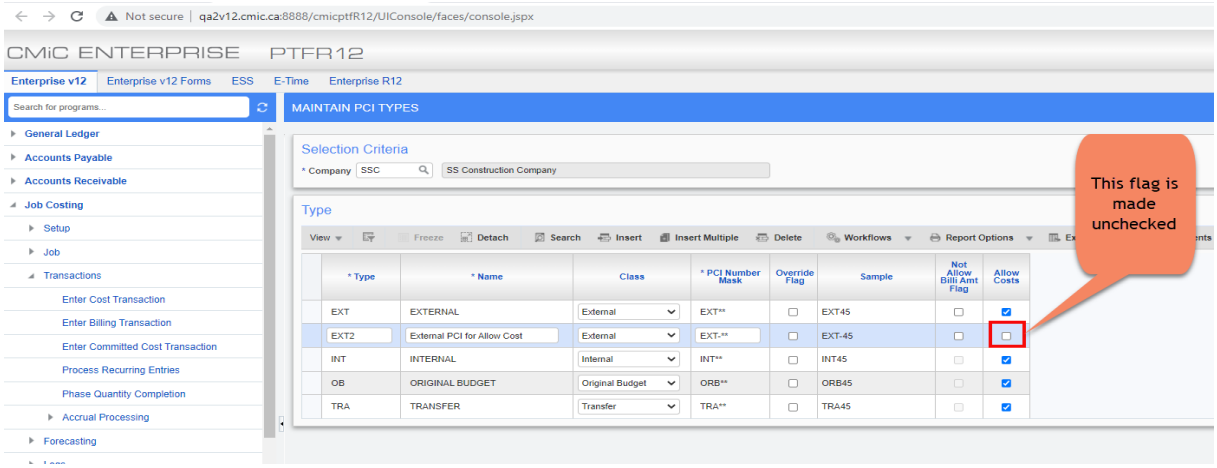
NOTE: Value of 'Allow Cost' flag in PCI Setup entry screen will not impact the PCI's availability in the relevant LOVs. For the example in above screenshot – the PCI will not be visible even when Allow Cost flag is checked on the PCI Type setup screen.

Now, when Allow Cost flag is saved as checked on the PCI, this PCI becomes available in the cost transaction entry screen's (and other relevant programs) LOV, irrespective of the setup's flag value, as shown below.

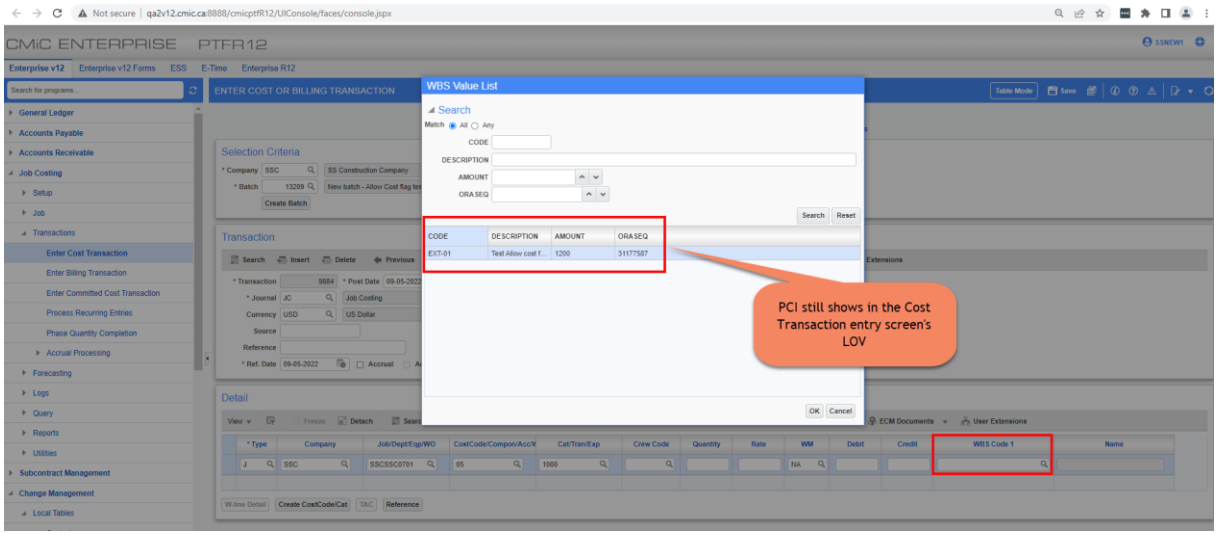




If the Allow Cost flag is changed to unchecked in the relevant setup and saved, even then the PCI will continue to be available in the relevant cost transaction entry LOVs, unless the Allow Cost flag is changed to Unchecked on the PCI entry screen, as shown below:



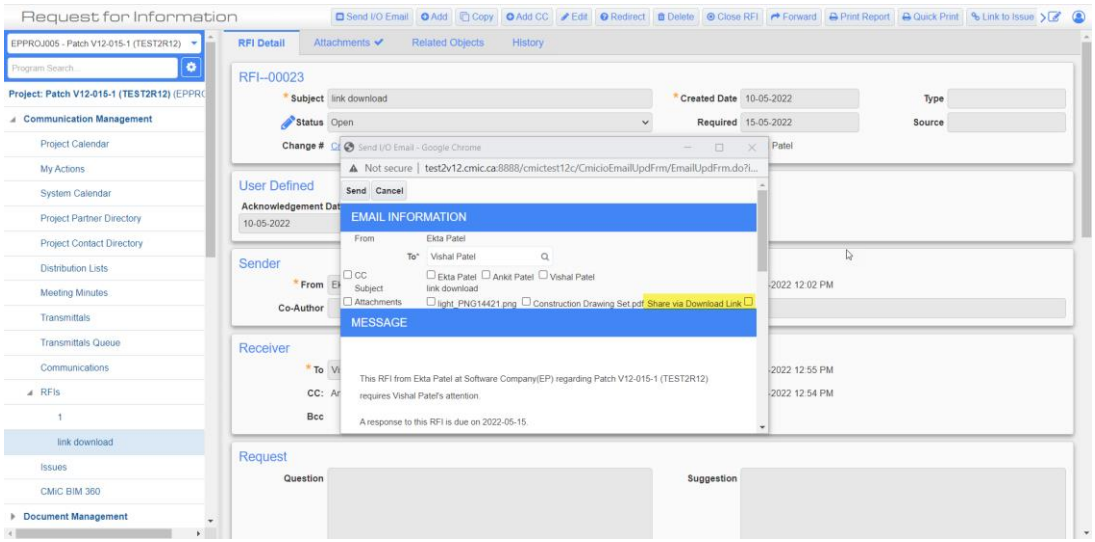
The setup's Allow Cost flag is changed to Unchecked, but the PCI still shows in the cost transaction entry screen's LOV:



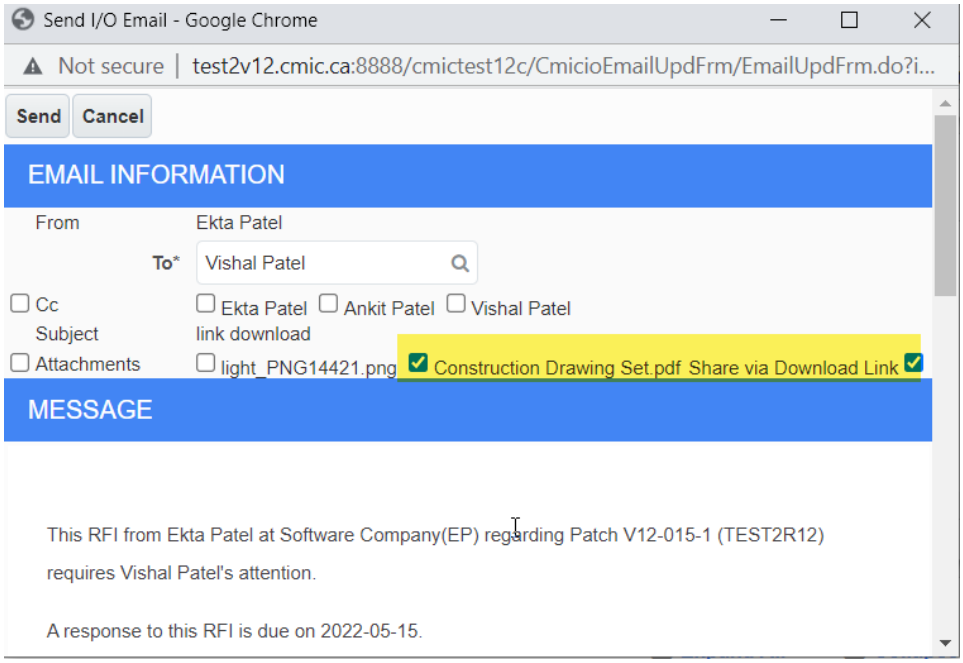
I/O Email - Added Option to Share Large Attachments via Download Link (22.54468/CF-228)

The option to share large attachments with a download link is available when sending large attachments via IO Email, instead of attaching the files to the email.

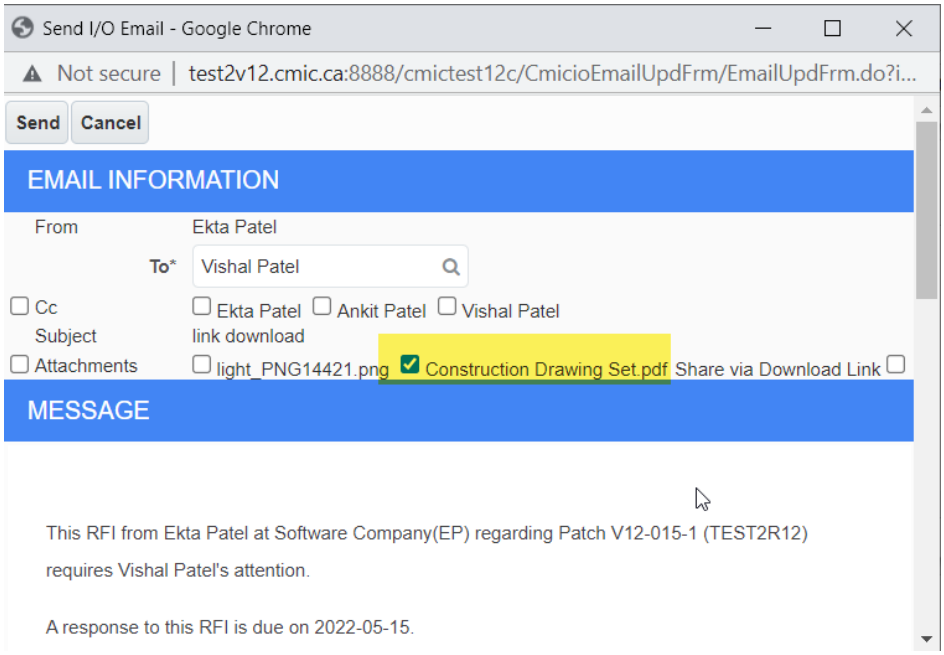
- Added new field prompt and checkbox "Share via download link" to IO Email pop-up



- When checked- it includes a link(s) to download the selected attachments in the body of the IO Email.



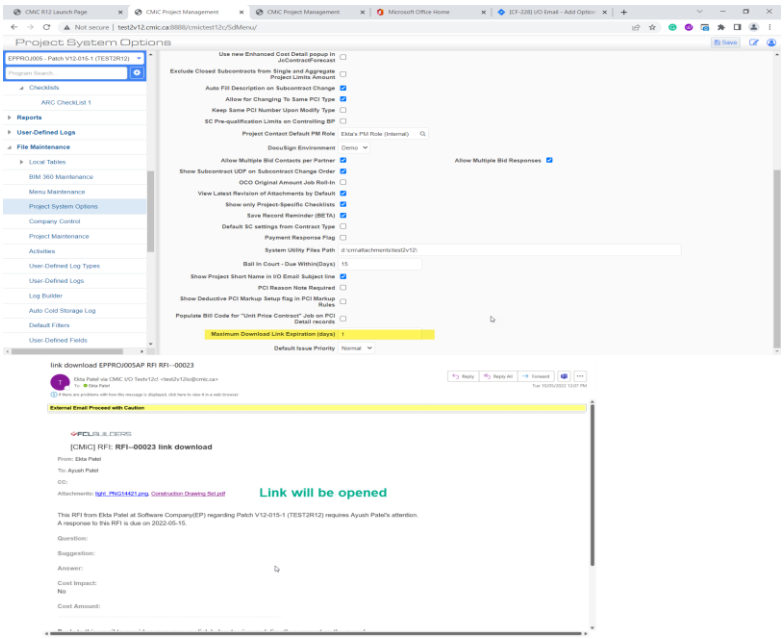
- When unchecked - the IO email will be sent as a file(s) (no change)



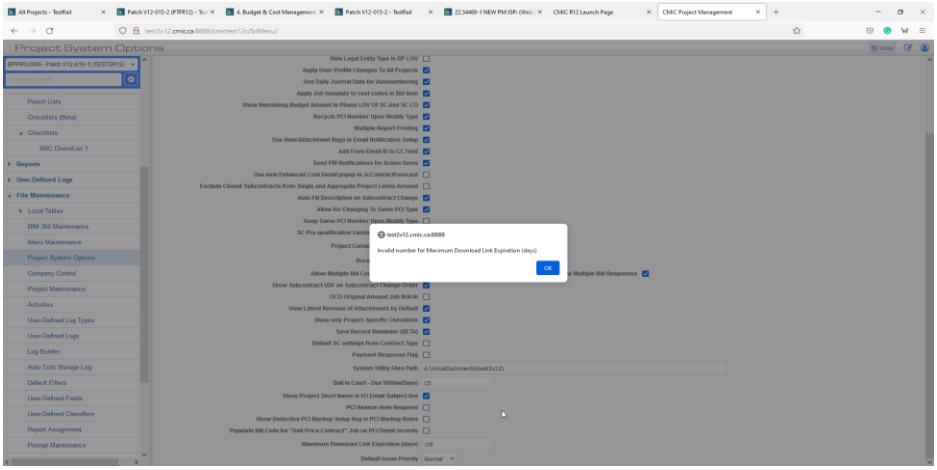
- Download links expiration date will be set based on Project System Options> Maximum Download Link Expiration (days) field.

  NOTE: The Maximum Download Link Expiration (days) value must be an integer greater than or equal to 1.

➢ If “Maximum Download Link Expiration(days) is 1 or above

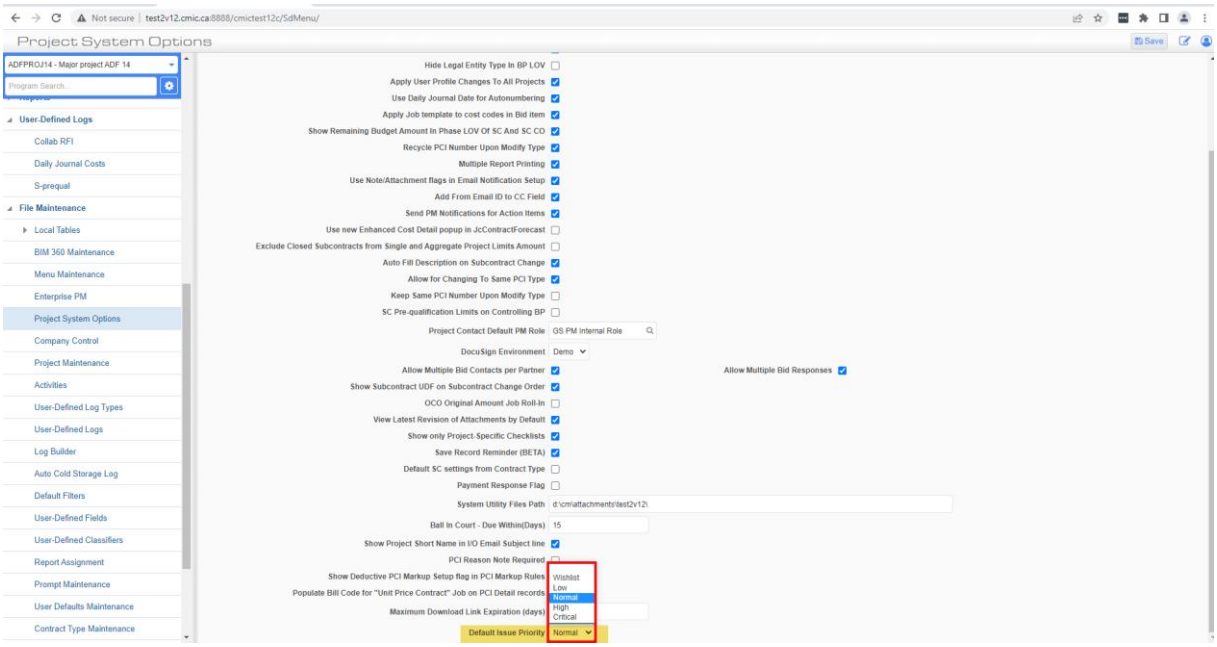


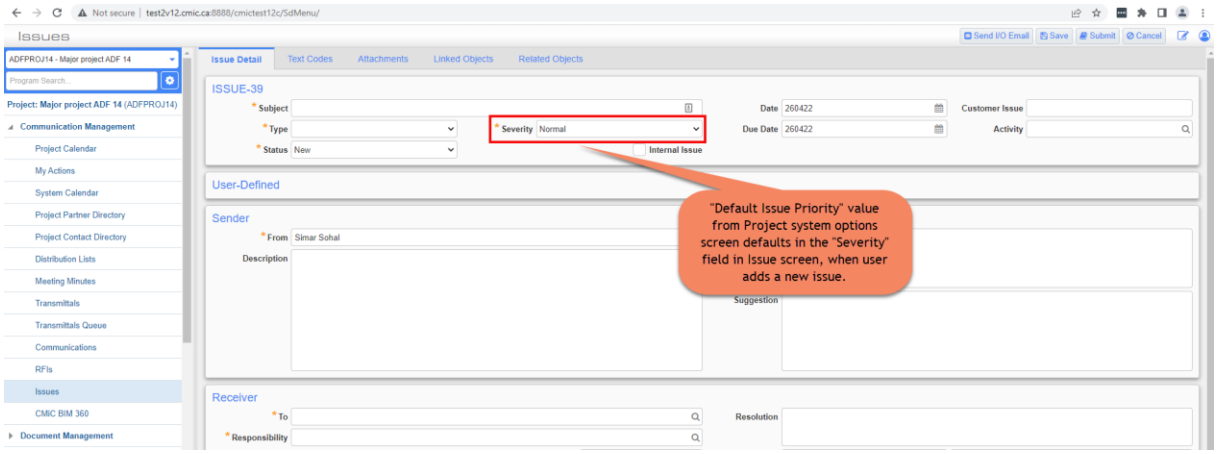
➢ If “Maximum Download Link Expiration(days) is invalid

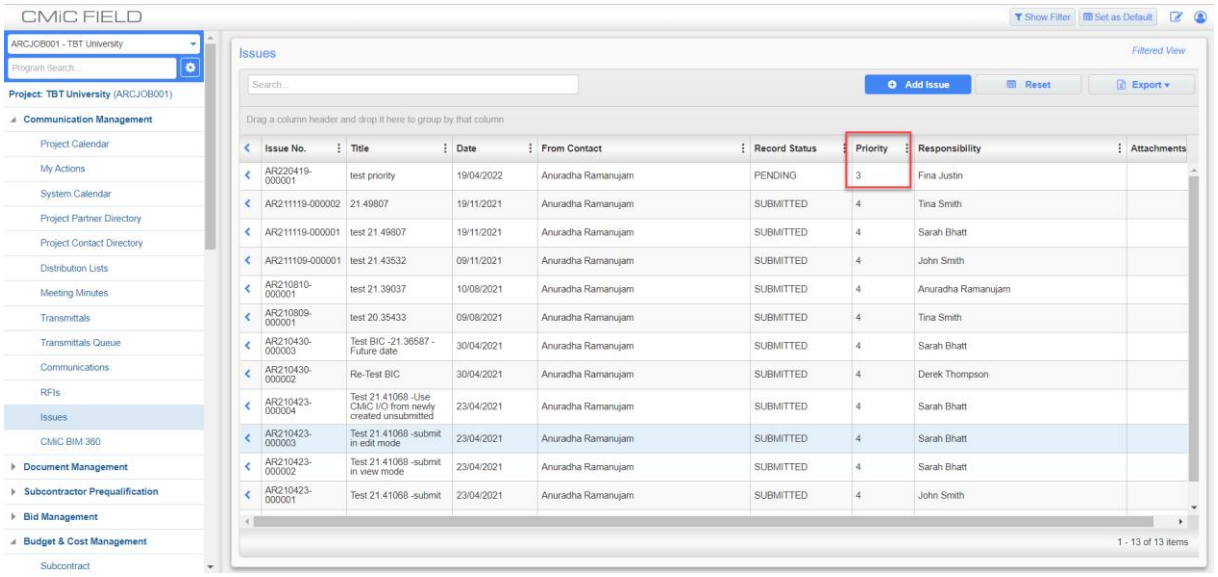


Project System Options - Added a New Drop-down List on General Tab (22.55773)

- Added a new drop-down list on General page (Project System Options) for user to set up default issue priority.
- A tooltip in General page for default issue priority.
- Added a new column to default issue priority

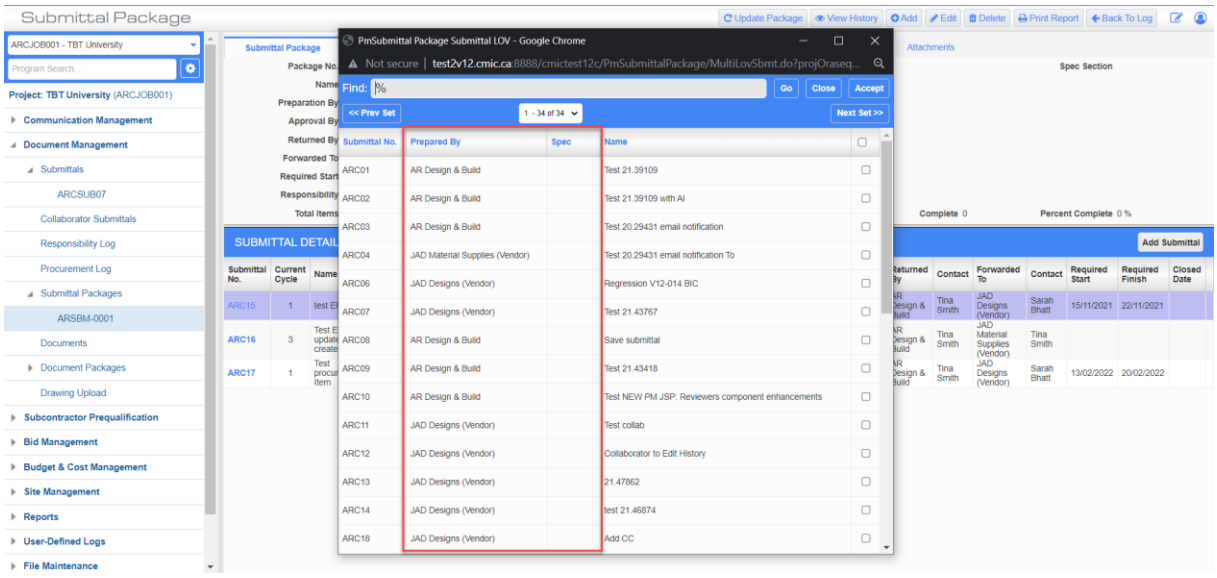


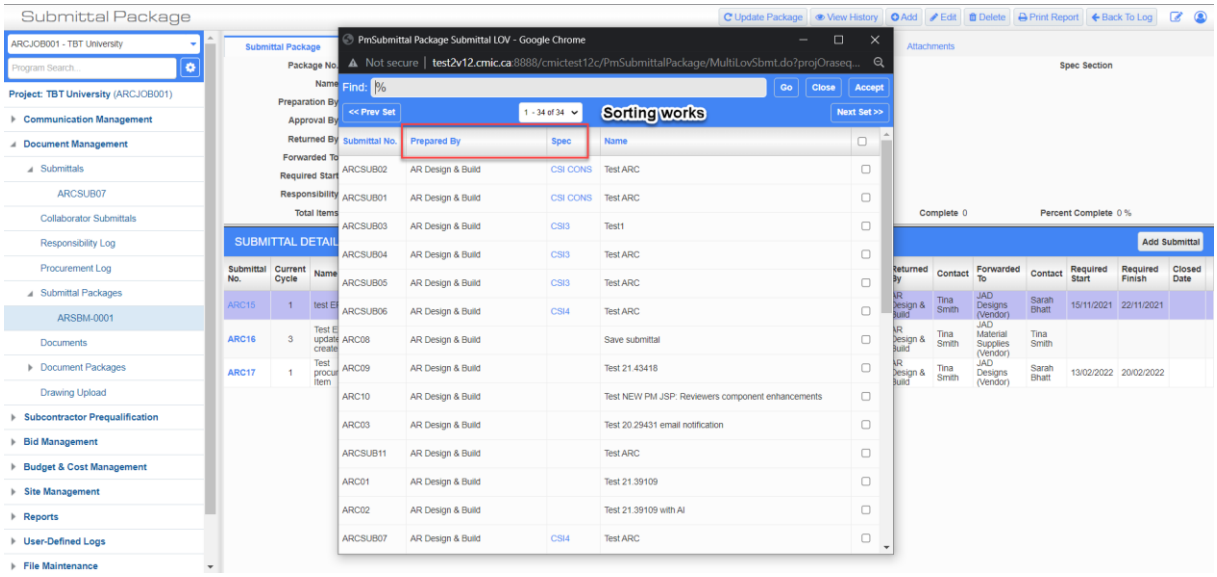




Submittal Package - Added Prepared By Column (22.53671)

- Added an additional column in the Submittal multi-select LOV with the “Prepared By” partner organization displayed - to facilitate the selection of the intended submittals.
- Search bar at the top of this LOV hits the “Prepared By” field when filtering - to allow users to search by the partner who prepared the submittal.

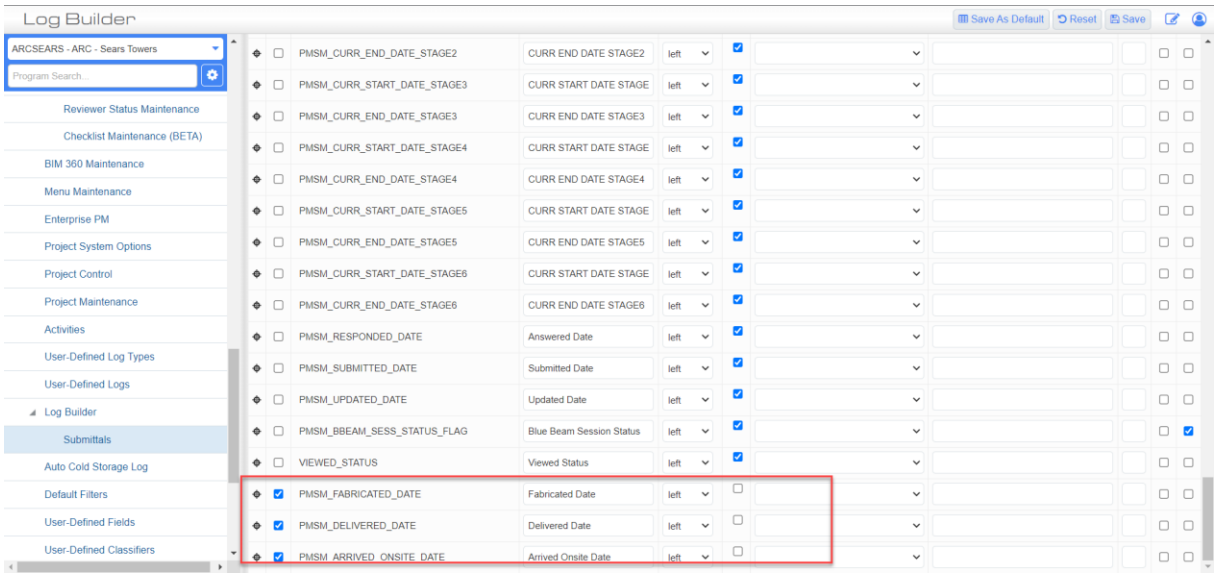




Submittal - Added Procurement Log dates to Submittal Log

(22.52604/CF-26)

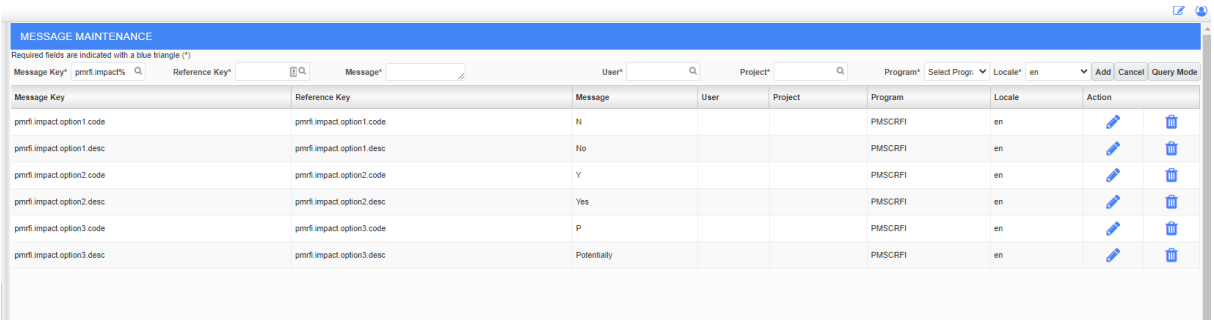
Added Fabricated Date, Delivered Date and Arrived Onsite Date columns to the Log Builder for the Submittals object:

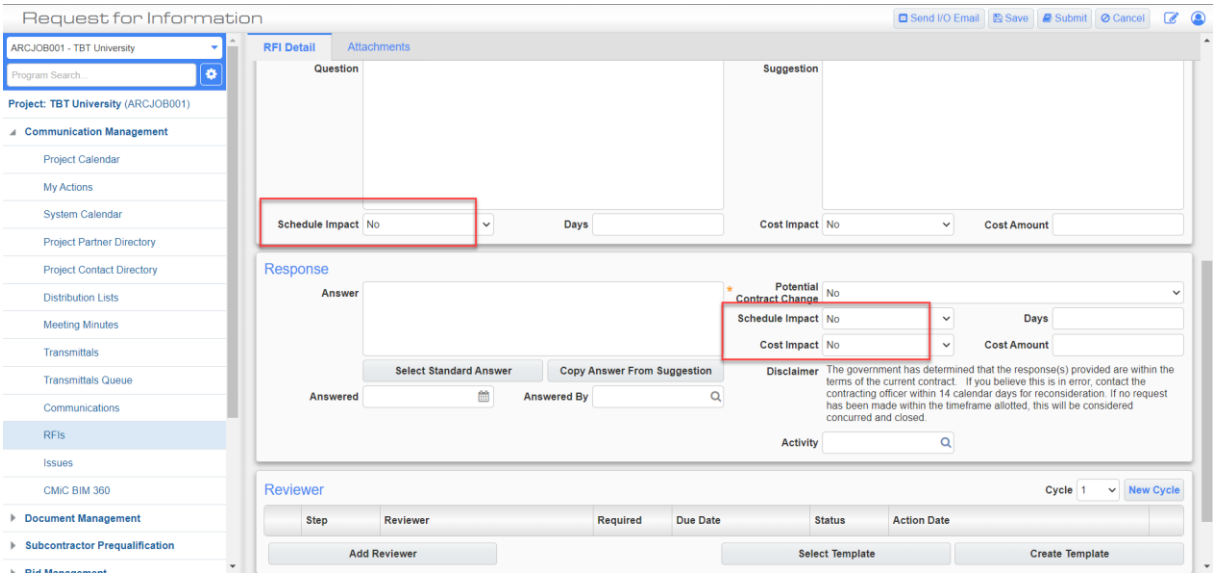


RFIs - Schedule Impact & Cost Impact Fields to Default to the Value "NO" (21.52335/CF-137)

RFIs - during the creation process - Schedule impact & Cost impact fields to default to the value "NO"
User just need to change messages like below, in Prompt Maintenance:

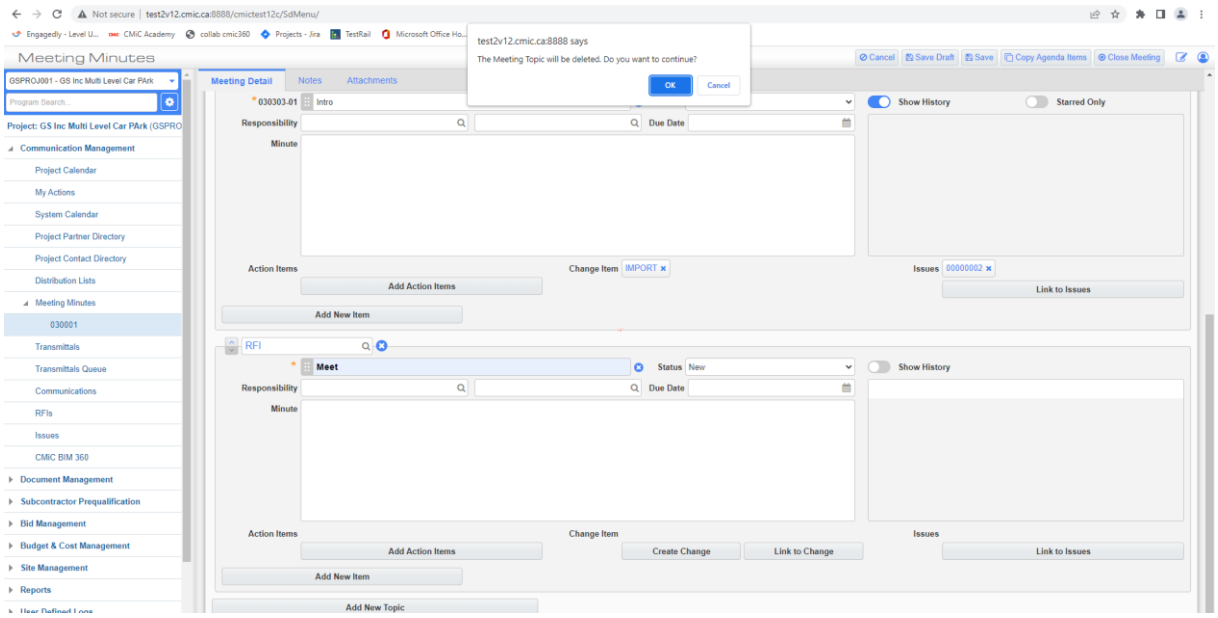
pmscrfi.impact.option1.code = N
pmscrfi.impact.option1.desc = No
pmscrfi.impact.option2.code = P
pmscrfi.impact.option2.desc = Potentially
pmscrfi.impact.option3.code = Y
pmscrfi.impact.option3.desc = Yes





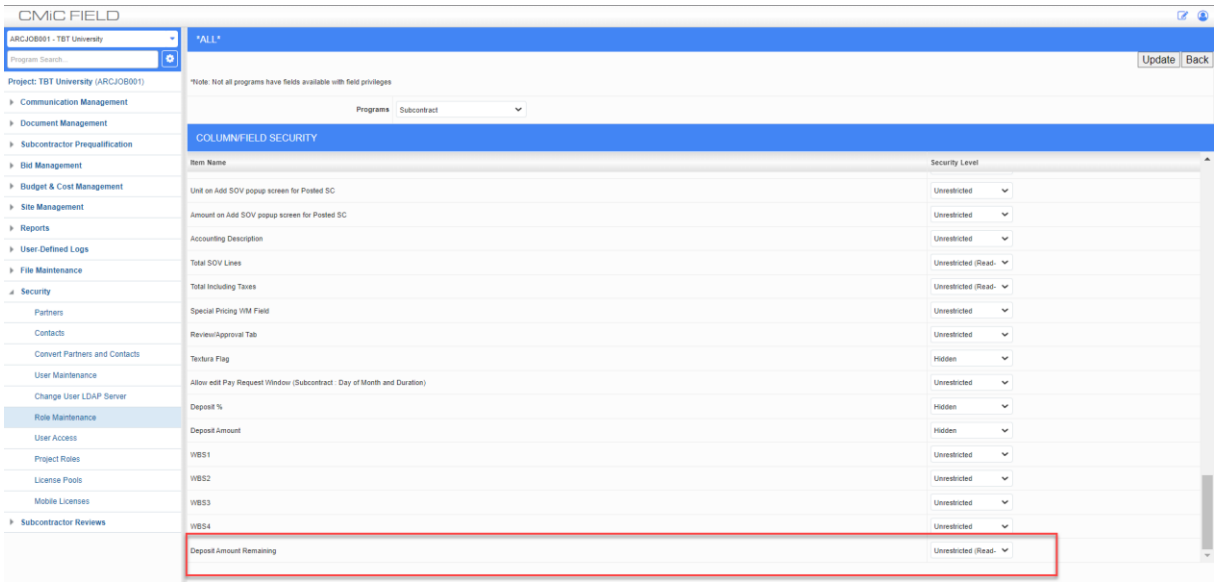
Meeting Minutes - Confirmation Pop-up before Deleting Meeting Topic (21.51912/CF-122)

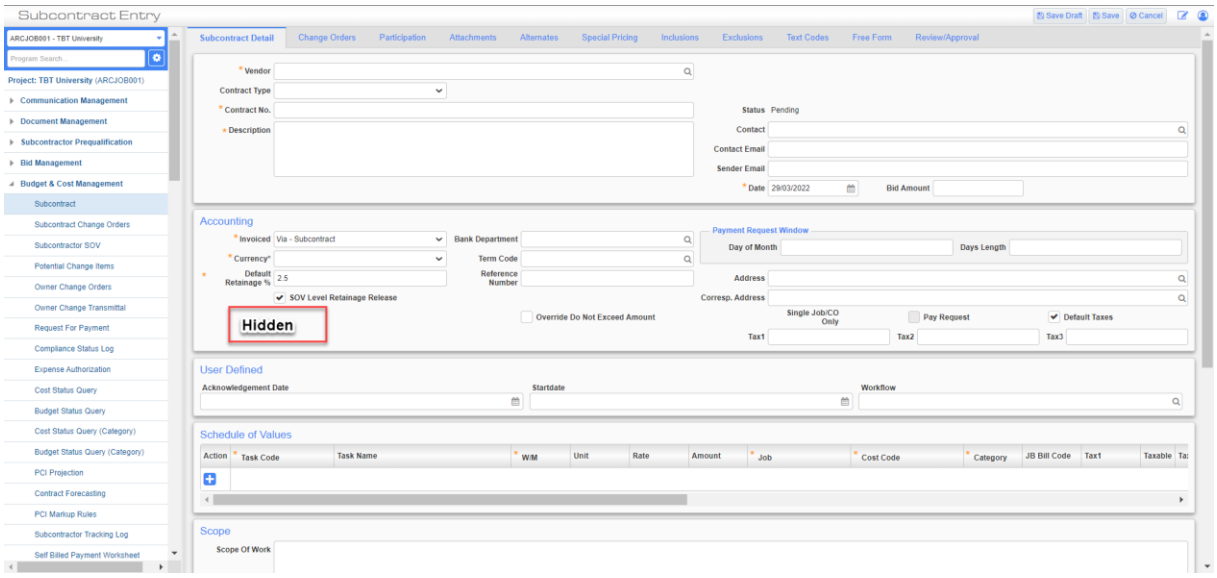
- Meeting Minutes Click “Delete” topic button, shows confirmation popups saying “The Meeting Topic will be deleted. Do you want to continue?”, click “OK”, the topic removed from the screen, after save, it is also removed from database. click “Cancel”, nothing changed in screen and database.

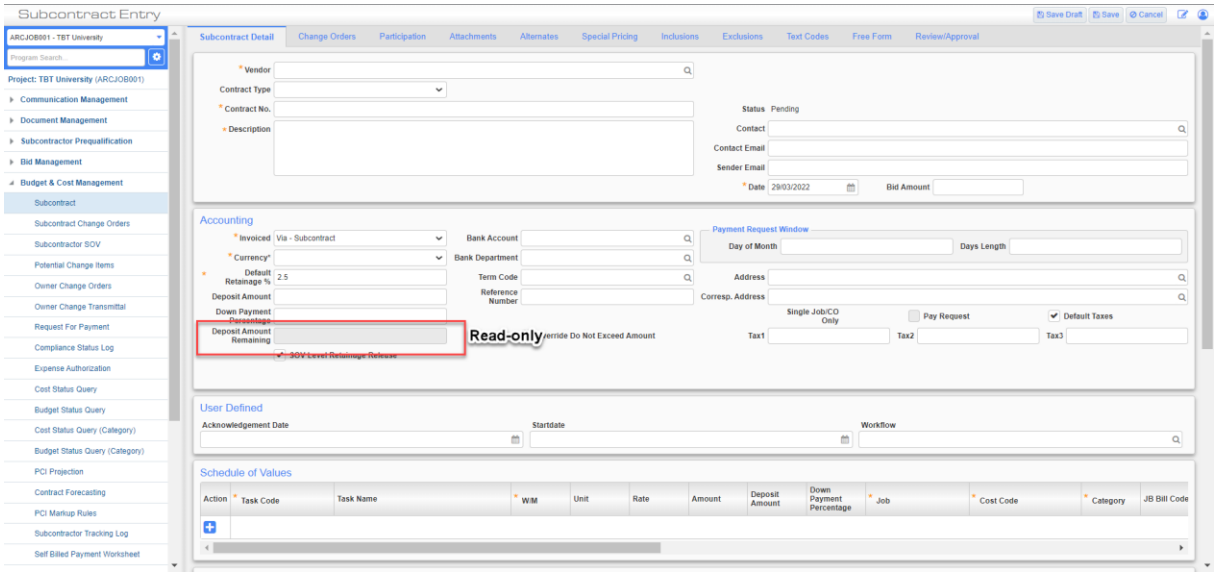


Subcontracts - Field Security for Deposit Amount Remaining
(21.50894)

Field Security to hide Deposit Amount Remaining has been added.

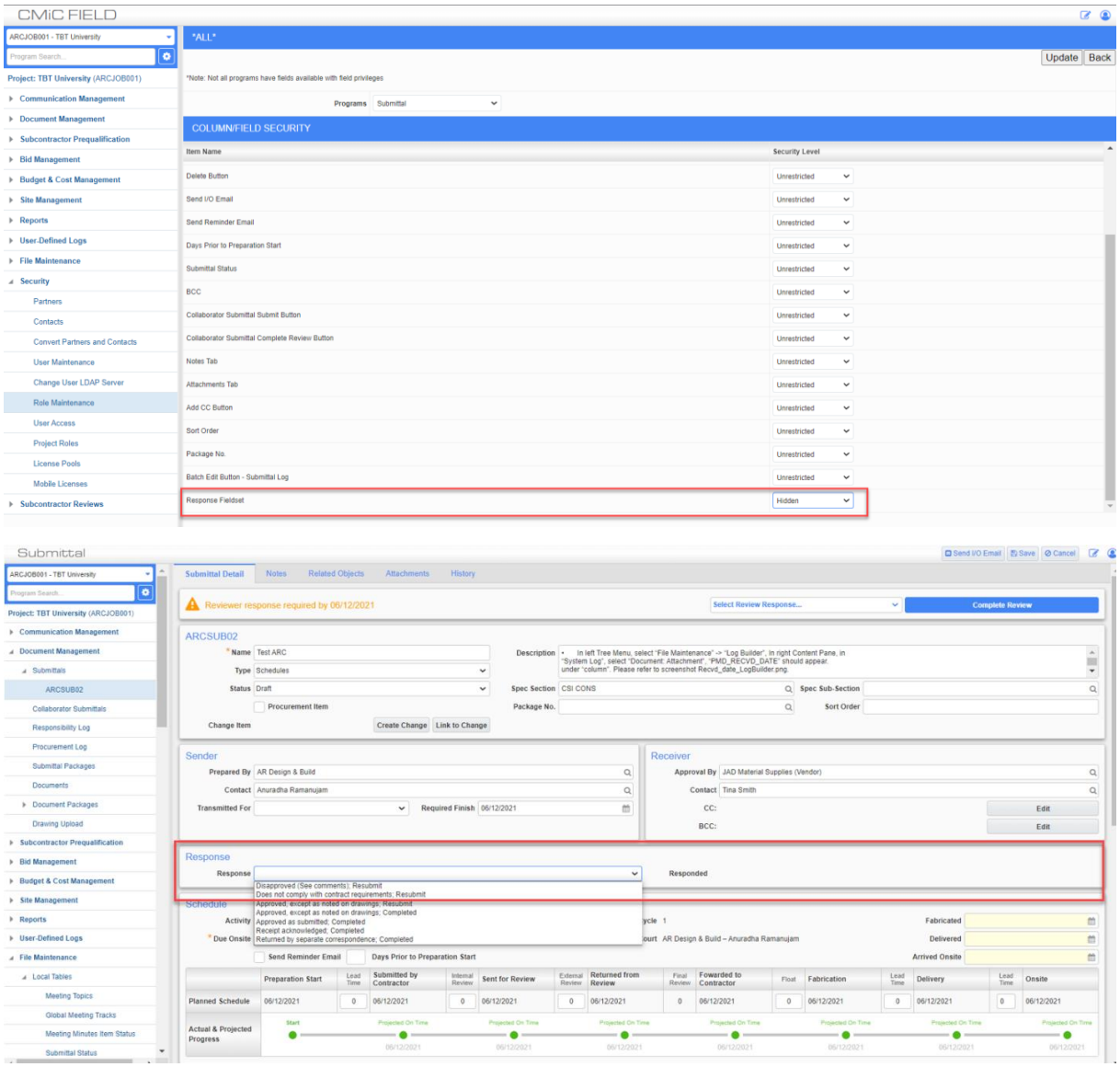






Submittals - Response Block Brought Back for GC and Owner Modes (21.50200)

The Response block has been brought back to Submittal for both GC and Owner modes. It is controlled by field security (Un-restricted, Read-only, Hidden) with **hidden** as default.



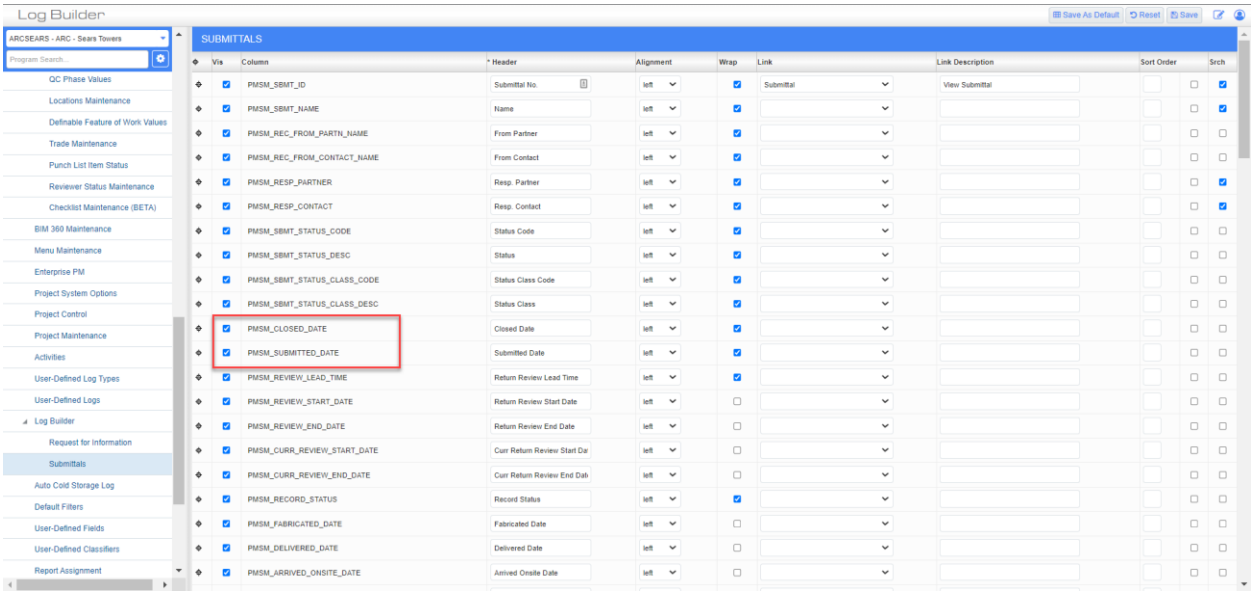
Submittal/RFI – Added Submitted, Returned, Closed Dates to Log (21.50071)

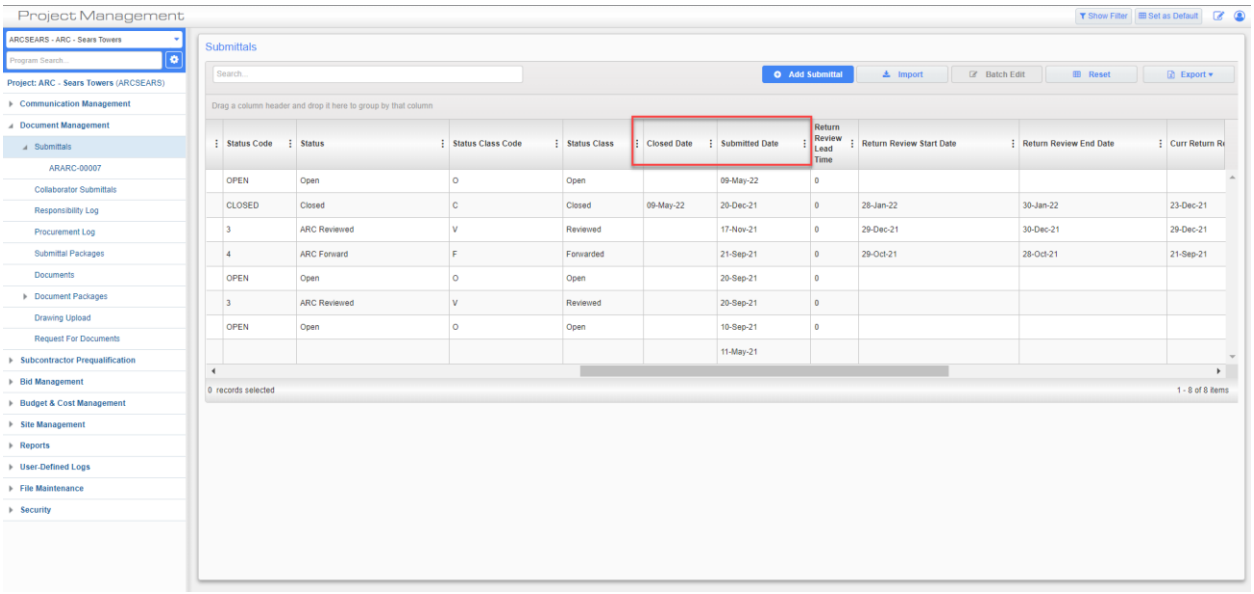
RFIs

- Added field to record [Date_Record_Closed]
- added field [Date_Record_Closed] to log builder for "Request For Information" log view

Submittals

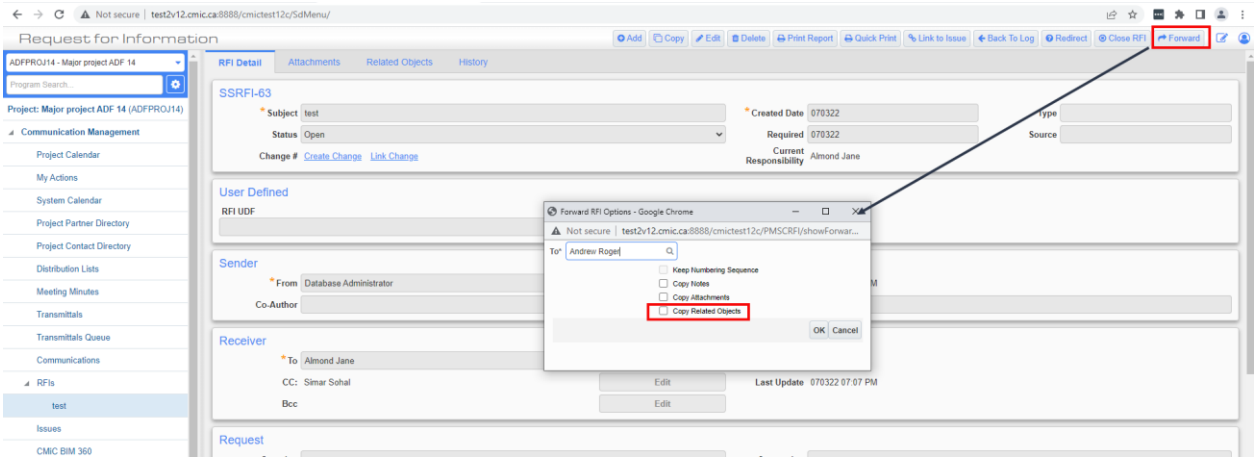
- added field to record [Date_Record_Submitted] *New* related to custom
- added field to record [Date_Record_Closed]
- added field [Date_Record_Closed] to log builder for "Submittal" log view



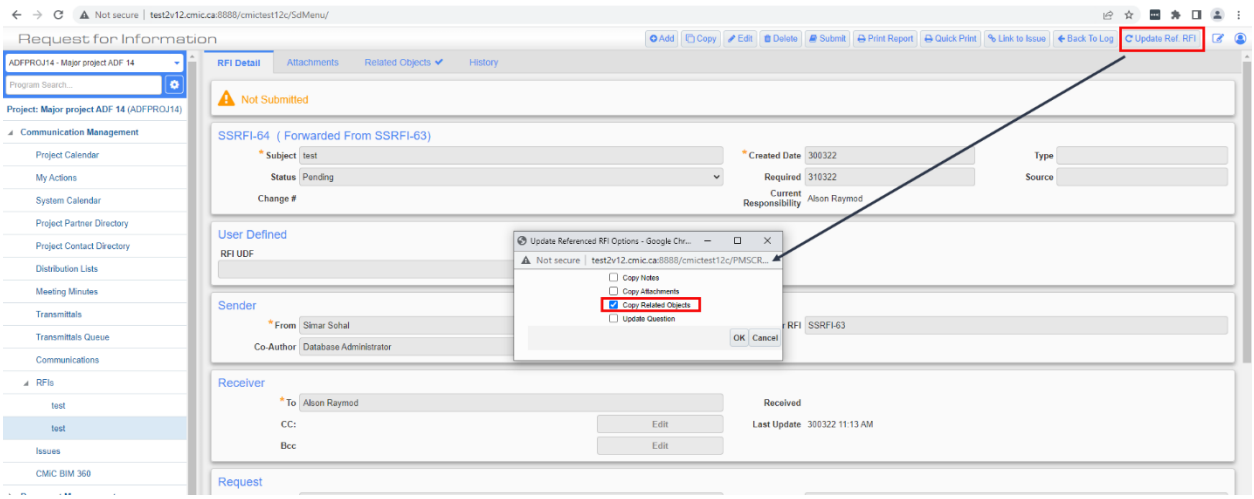


RFI - Option to Copy Related Objects to Forward RFI (21.45536)

Added "Copy Related Objects" option to Forward RFI popup window.



- Add "Copy Related Objects" option to Update Ref. RFI popup window which is available for the forwarded RFI.

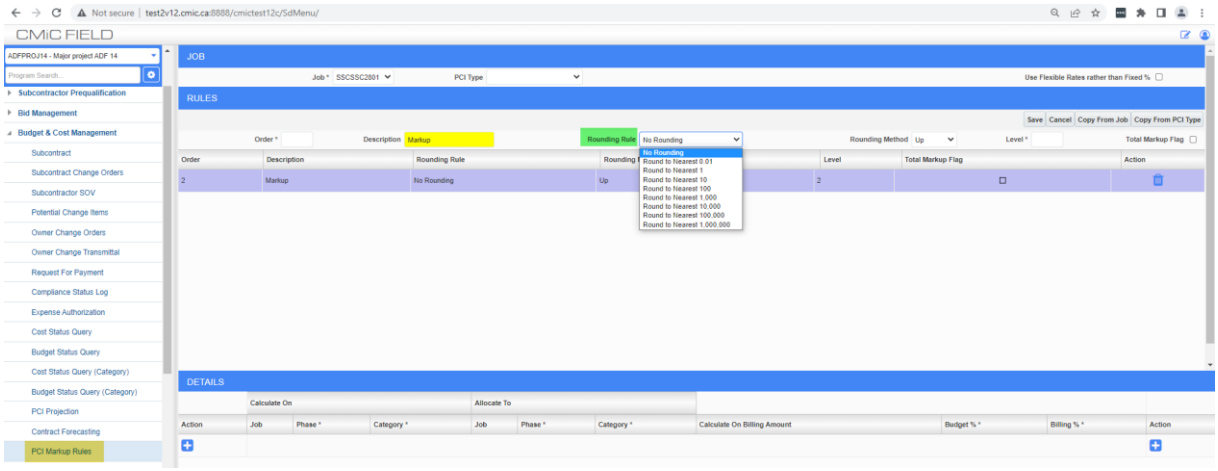


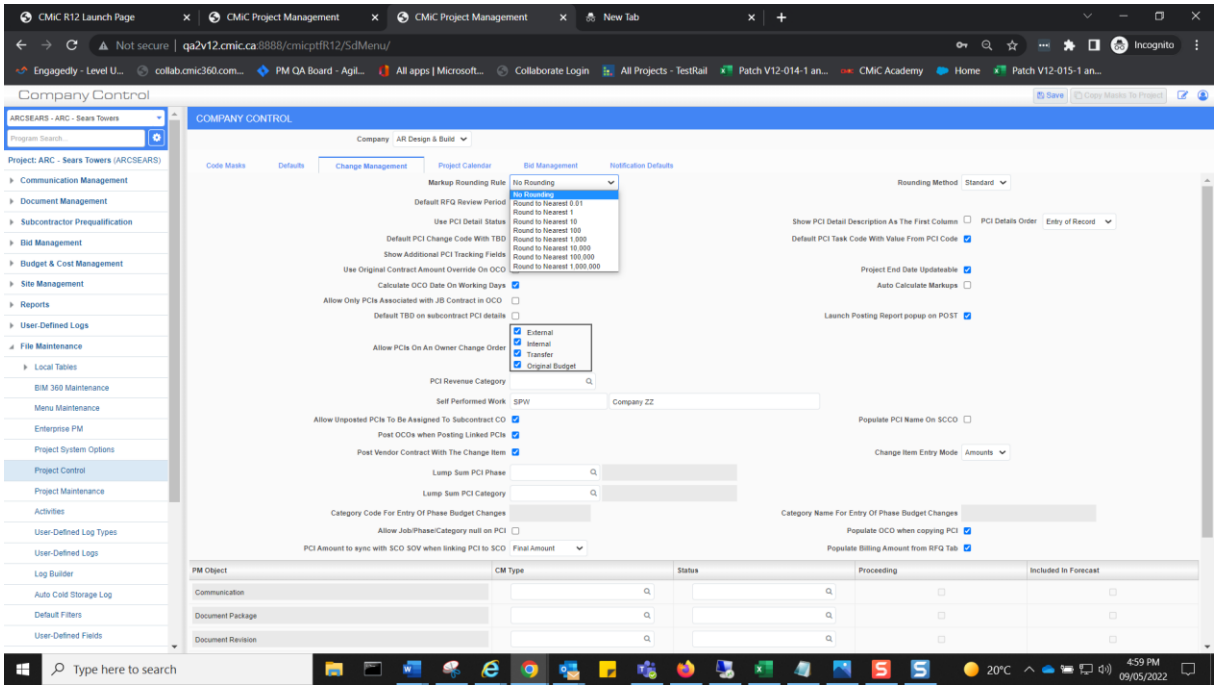
PCI Markup Rules - New Rounding Options; Removed References to Dollar (21.42130)

Maintain PCI Markup Rules screen will now include the following Rounding rule/options while setting up the markup rule:

- No Rounding
- Round to Nearest .01
- Round to Nearest 1
- Round to Nearest 10
- Round to Nearest 100
- Round to Nearest 1,000
- Round to Nearest 10,000
- Round to Nearest 100,000

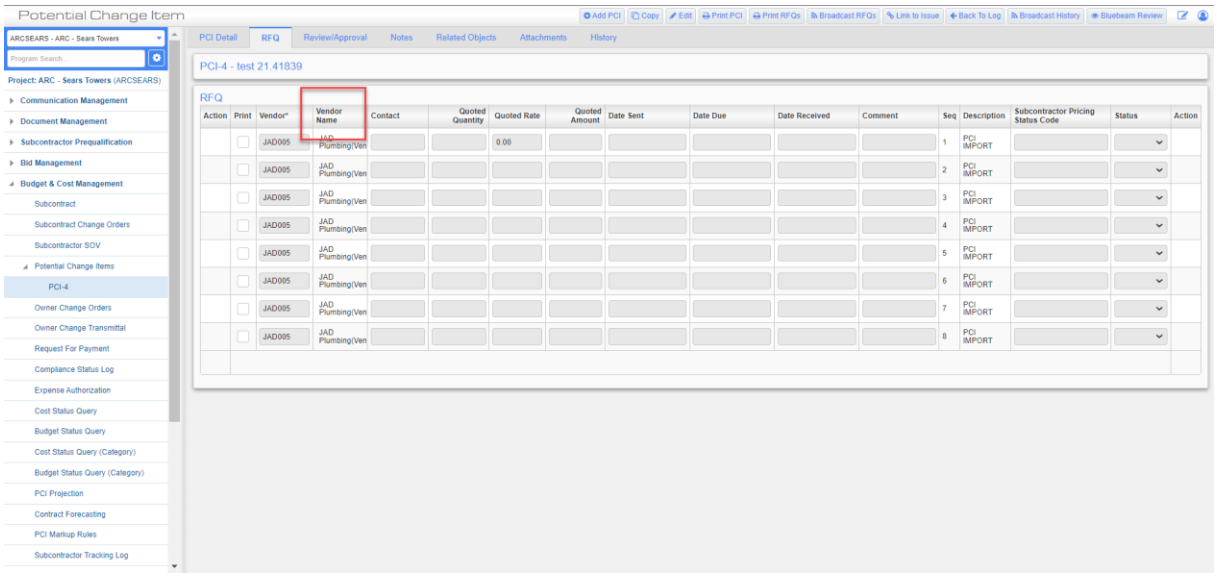
- Round to Nearest 1,000,000





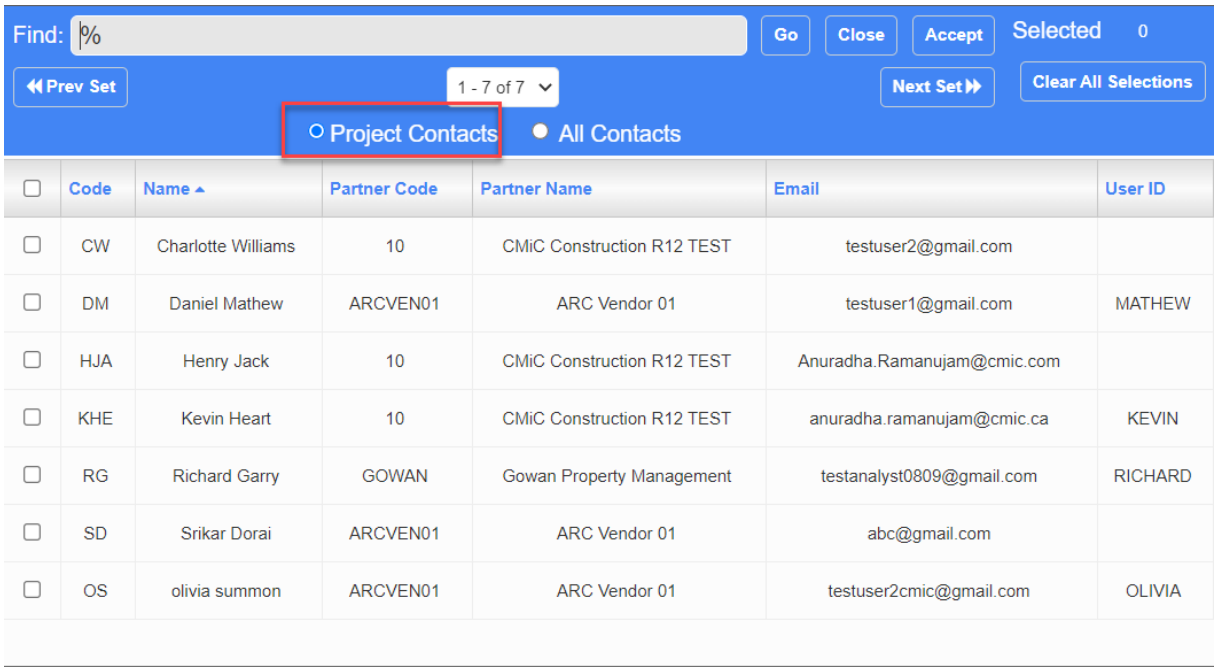
PCI - Added Vendor Name Column to RFQ Tab (21.38805)

Now Vendor Name also populates in the RFQ tab.



Project Gateway Contact - Added Radio Button on Multi-user LOV to filter P Type users only (21.47711)

- Project Gateway Contact LOV -Added radio button on Multiuser LOV to filter P Type users only.



Code	Name	Partner Code	Partner Name	Email	User ID
CW	Charlotte Williams	10	CMiC Construction R12 TEST	testuser2@gmail.com	
DM	Daniel Mathew	ARCVEN01	ARC Vendor 01	testuser1@gmail.com	MATHEW
HJA	Henry Jack	10	CMiC Construction R12 TEST	Anuradha.Ramanujam@cmic.com	
KHE	Kevin Heart	10	CMiC Construction R12 TEST	anuradha.ramanujam@cmic.ca	KEVIN
RG	Richard Garry	GOWAN	Gowan Property Management	testanalyst0809@gmail.com	RICHARD
SD	Srikar Dorai	ARCVEN01	ARC Vendor 01	abc@gmail.com	
OS	olivia summon	ARCVEN01	ARC Vendor 01	testuser2cmic@gmail.com	OLIVIA

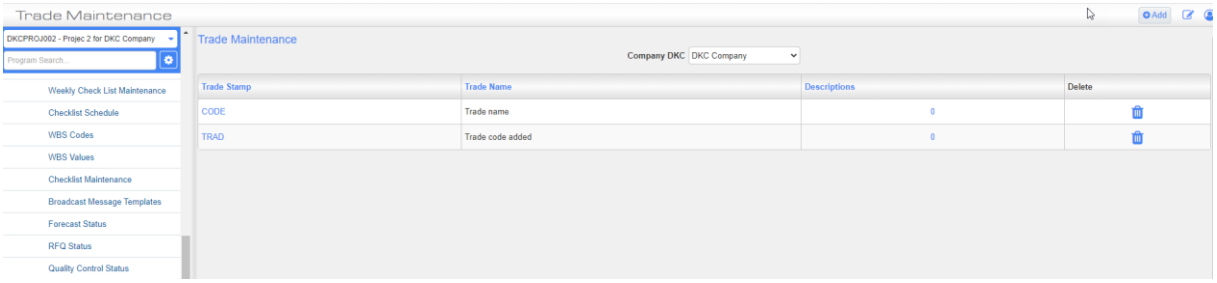
Trade Maintenance – Modified Company Level Prompts (22.54467)

Modified Title and Column names in Company level Trade Maintenance page.

Below are the changes made :

1. Trade Type Maintenance → Trade Maintenance
2. Type Code → Trade Stamp
3. Type Description → Trade Name

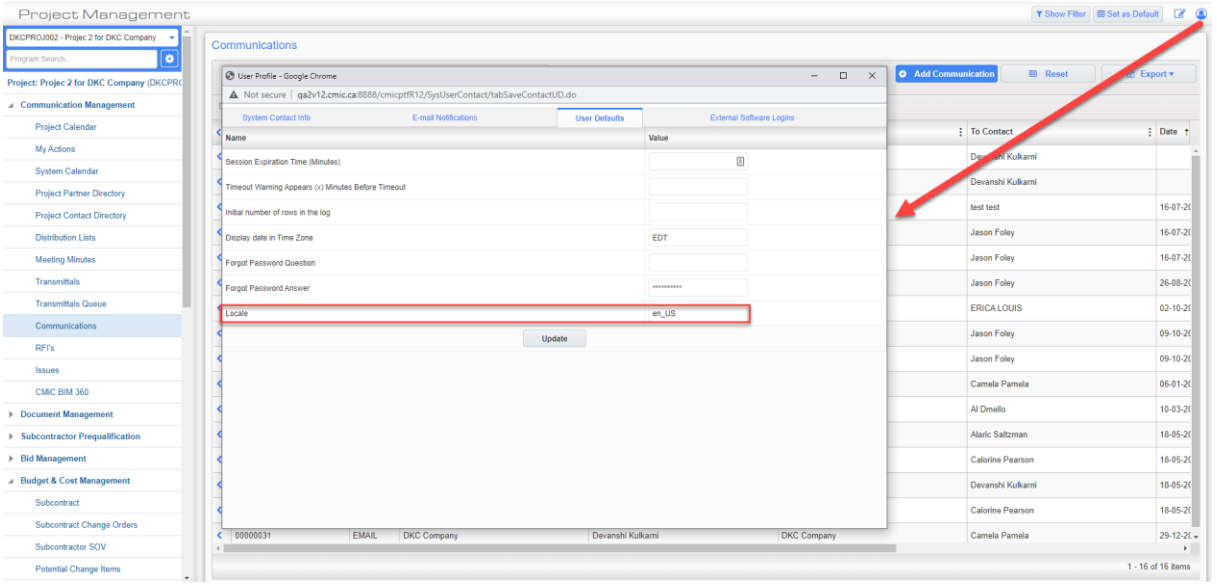
Restricted the Trade Stamp field up to 4 characters.



File maintenance > Local Tables > Trade Maintenance

System Contact User Defaults – Added New Field Locale (Language) (22.53123)

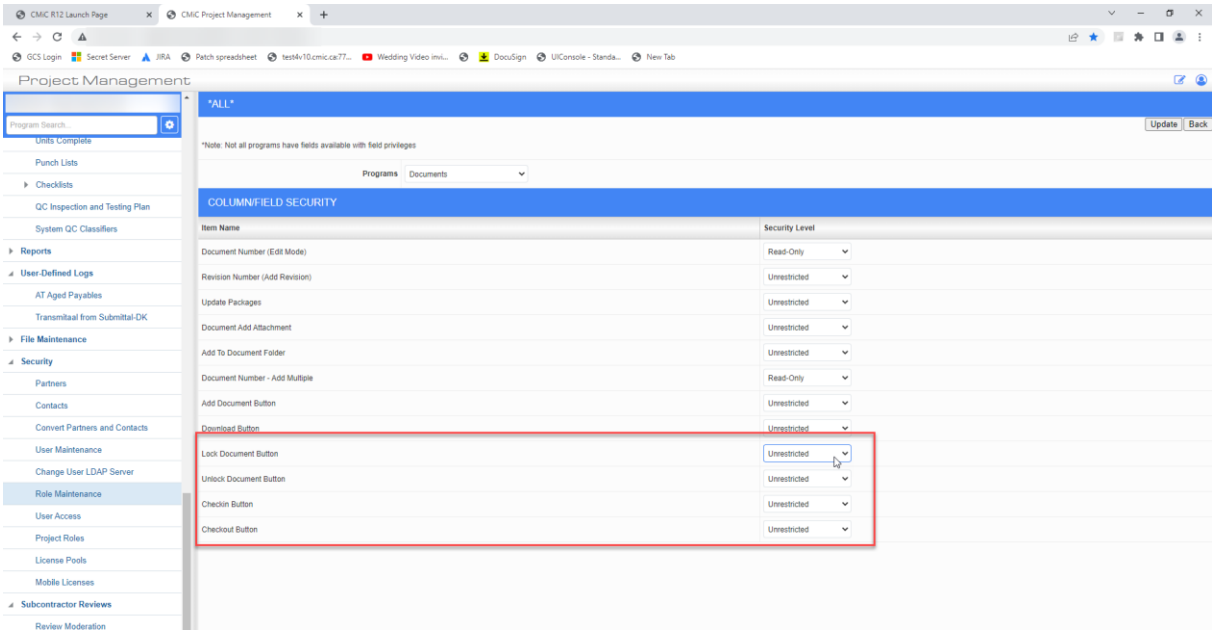
New field Locale(Language) is added to System Contact User Defaults. The default language for prompts for the users can be defined in JSPs through this field.



Documents - Locking/Unlocking Mechanism (22.55559)

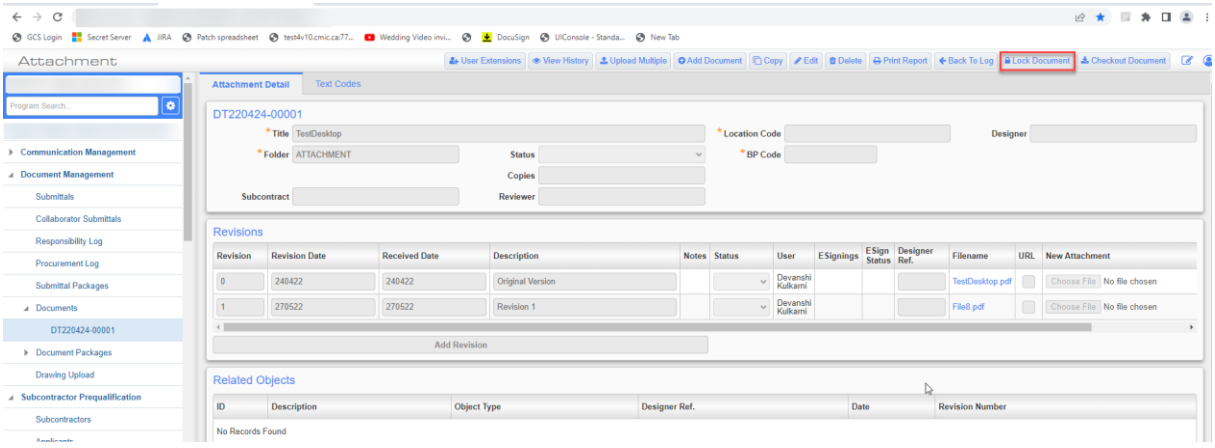
Modified the screens to Lock and Unlock the document and added drop zone based implementation for uploading the document.

Added field security for Lock Button, Unlock Button, Checkin Button and Checkout button. Field Security has two options : Unrestricted and Hidden.



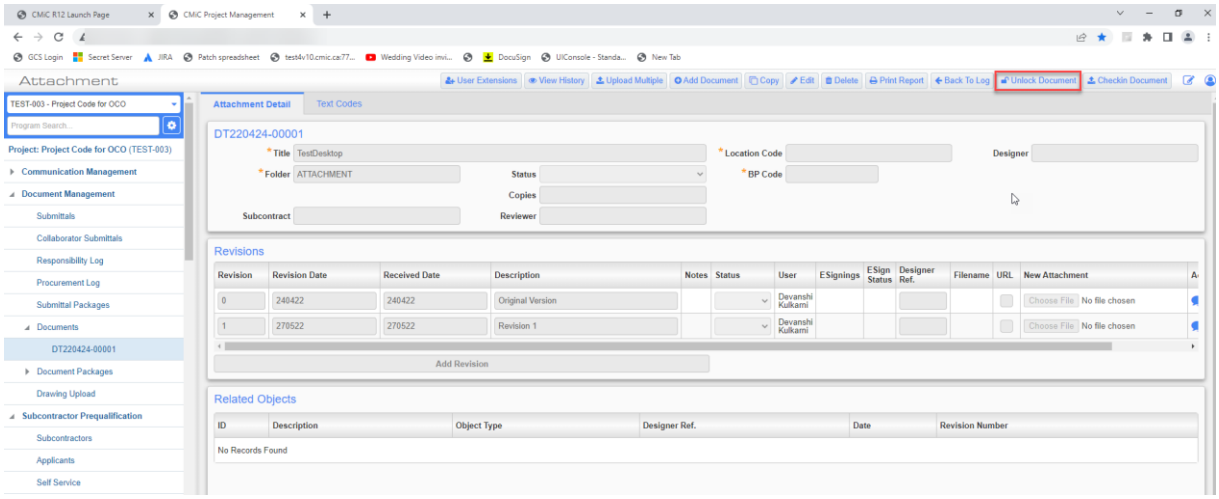
1. ***[Lock Document]***

   This will only Lock the Document without Downloading the document.



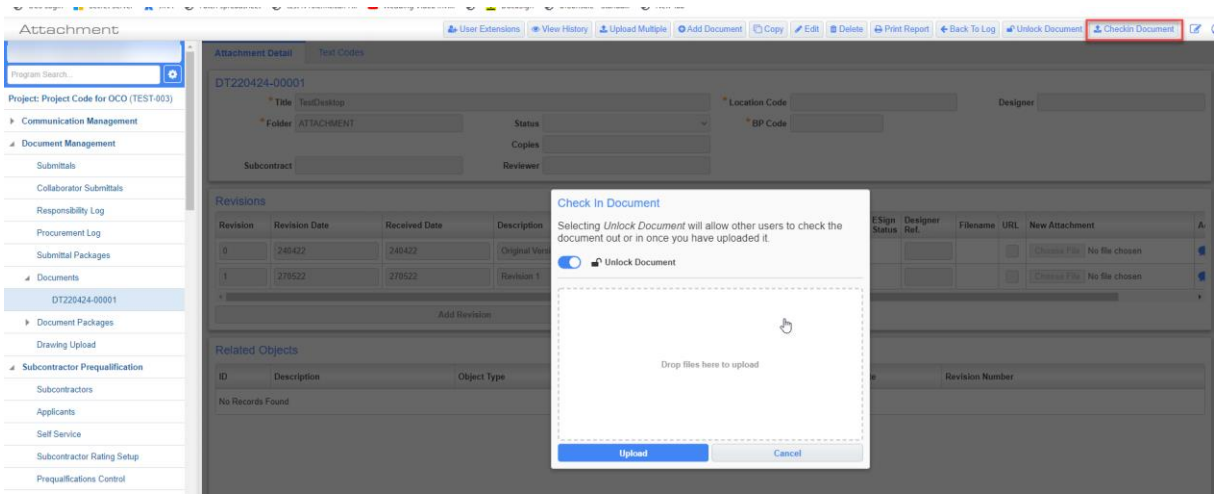
2. ***[Unlock Document]***

   This will unlock the document without checking in a document



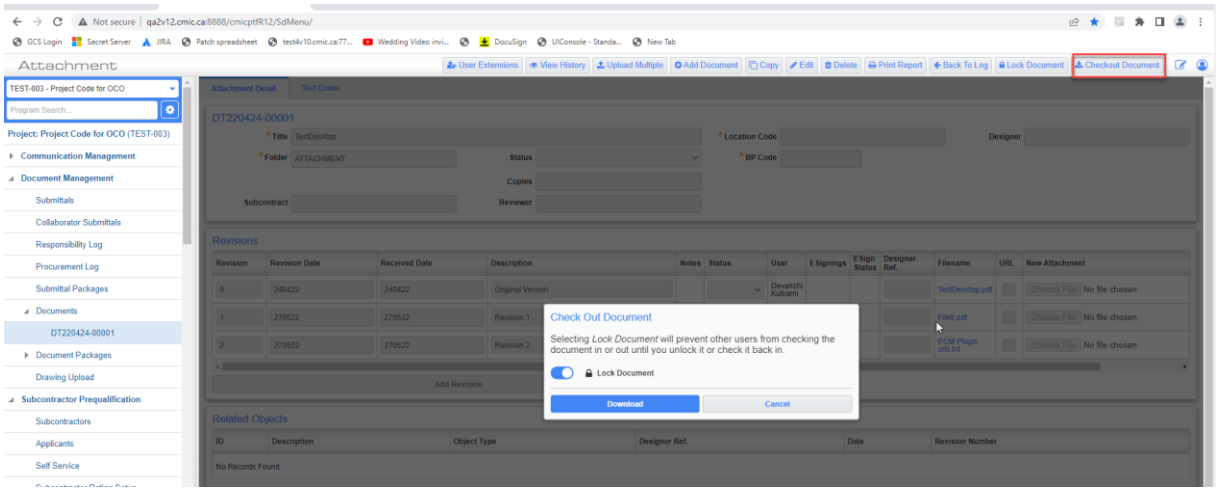
3. ***[Checkin Document]***

   This will bring up a pop-up as shown below, providing option to Unlock document and Check in/Upload a new revision .



4. ***[Checkout Document]***

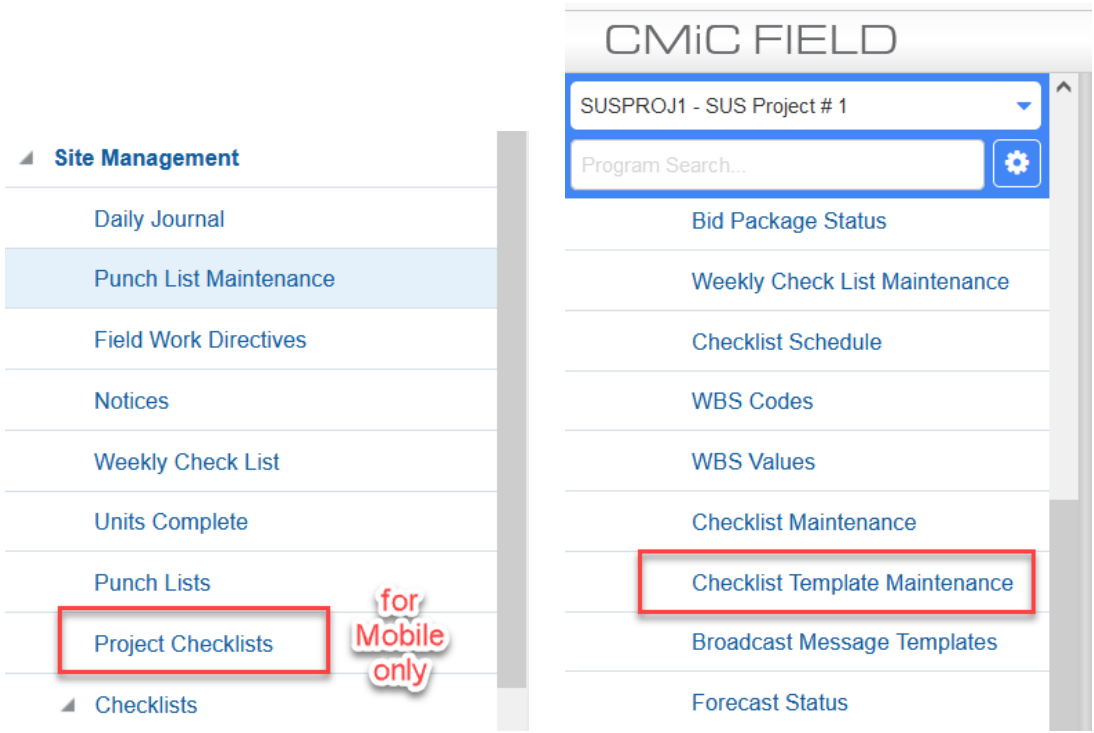
   This will bring up a pop-up as shown below, providing option to Lock and Checkout/Download a document.



Checklist Maintenance Template, Project Checklists (22.60875,CF-2265)

Changes have been applied to the JSP Checklist Maintenance (Beta) program and the Checklist (Beta) item (which is applicable only for Mobile) to remove the word "Beta" from them.

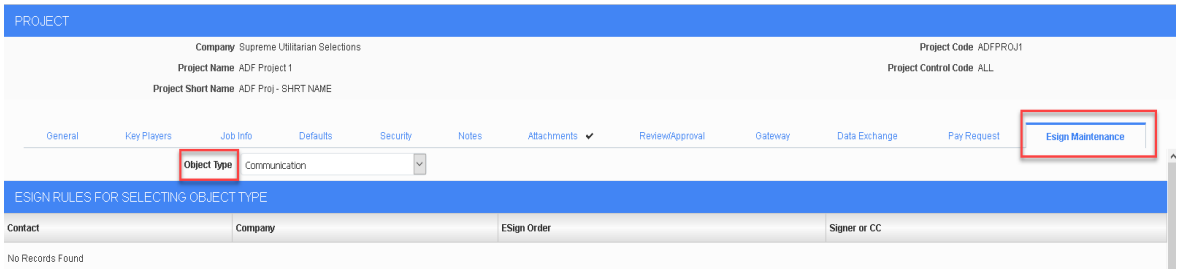
The Checklist Maintenance (Beta) is now **Checklist Maintenance Template** and Checklist (Beta) is now **Project Checklists**:

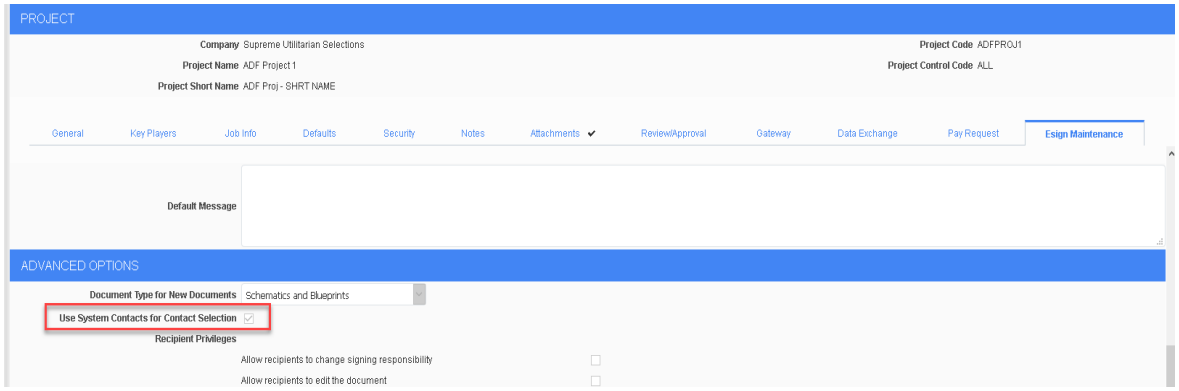


DocuSign

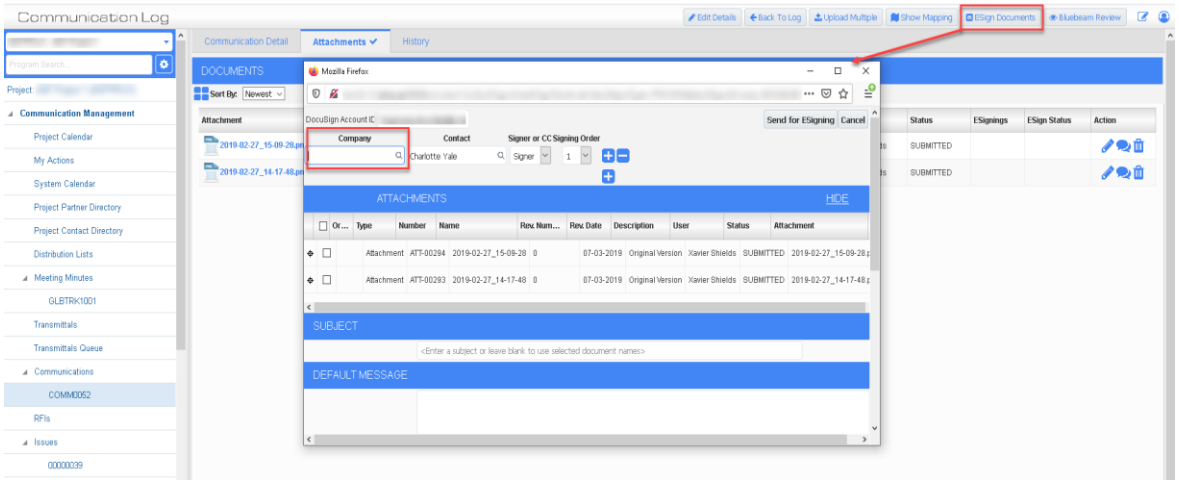
Project Maintenance – Added flag 'Use System Contacts for Contact Selection' (20.30678)

CMiC has added the flag 'Use System Contacts for Contact Selection' to Esign Maintenance tab in Project Maintenance per Objec t Type as well as the [**Defaults**] popup screen for Esign defaults by PM Object.





When the new flag is checked, it allows the user to select from System Contacts thus the **Company** field is displayed in the Esign tab of the defined object so that the user can select the Company and Contacts to whom the documents must be sent. When the flag is not checked, only the Contact can be selected (for Project Contacts), as per the original implementation.



IMPORTANT NOTE:

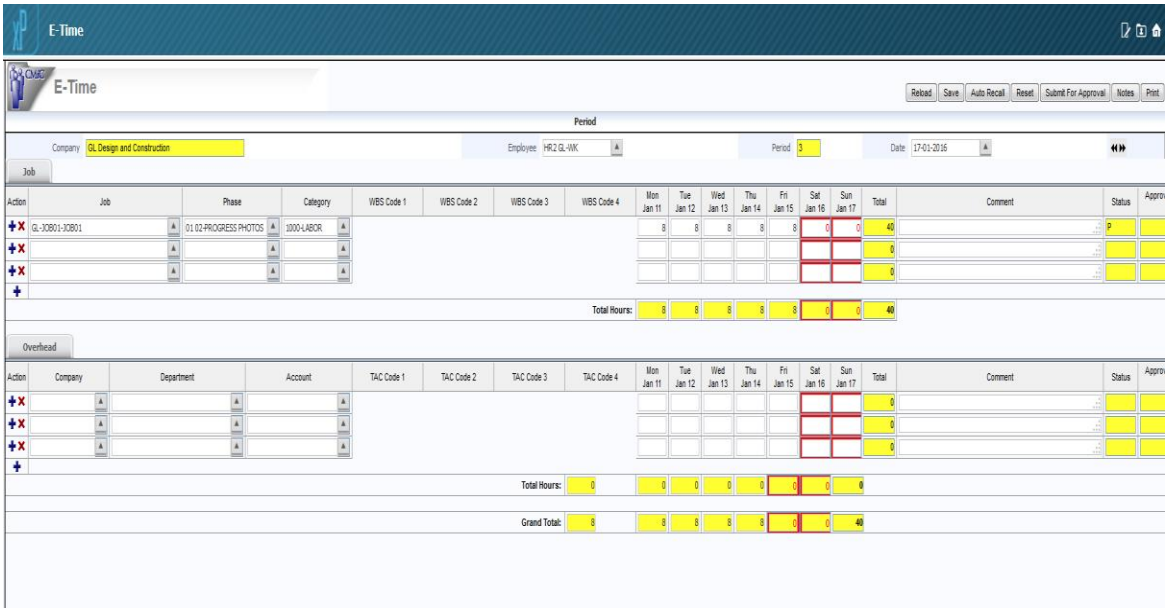
By default, Project Contacts are used (the same as the flag being unchecked), unless the document being sent is not associated with a project, for example, with Subcontractor Prequalification objects.

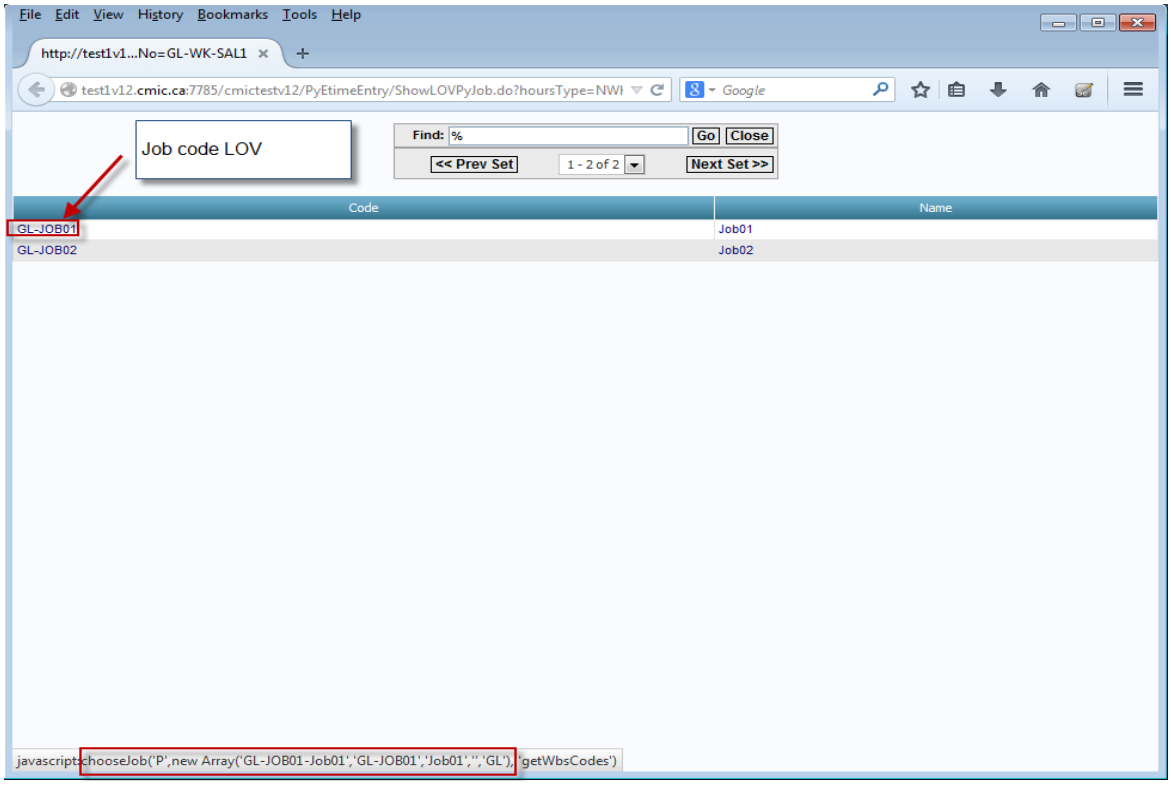
In this case the flag can only be set for System Contacts by doing so in the database, not from any existing user interface.

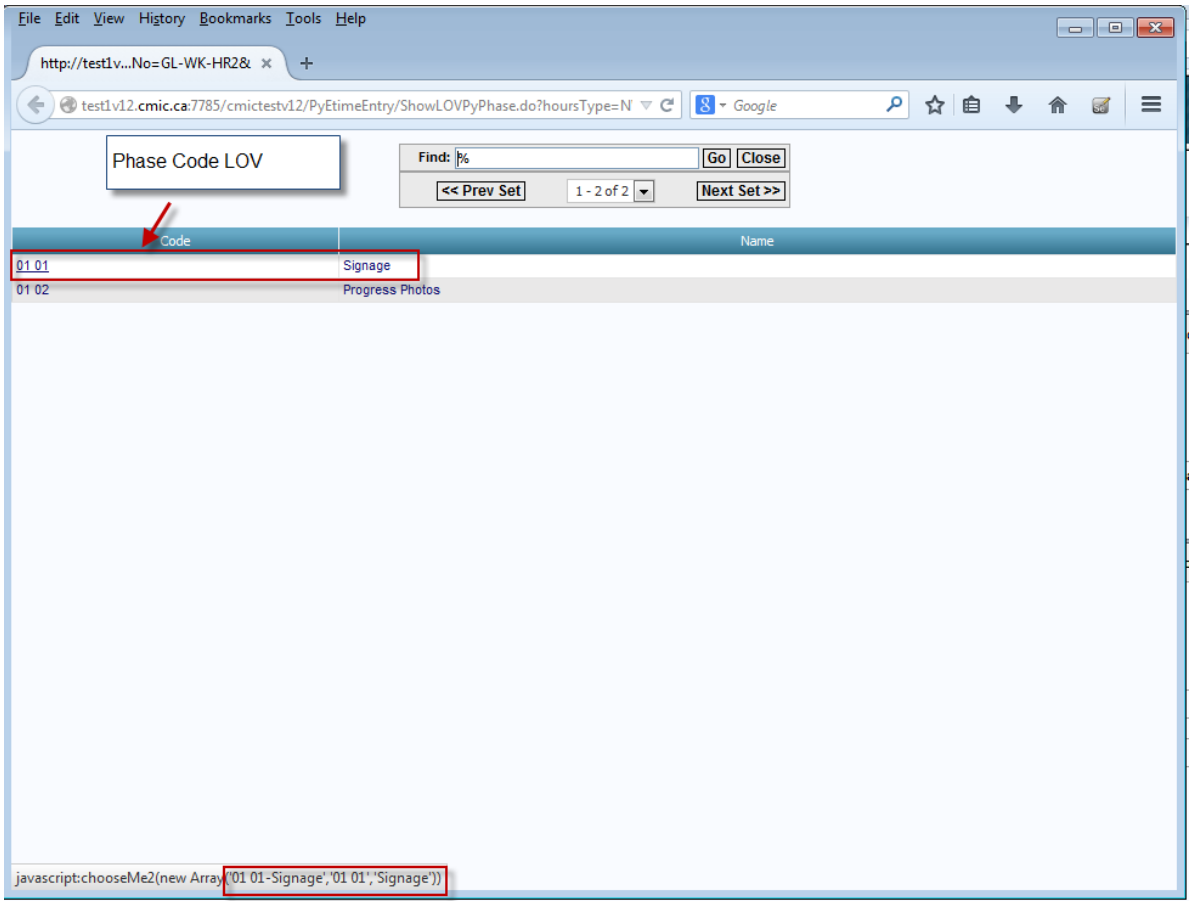
E-Time

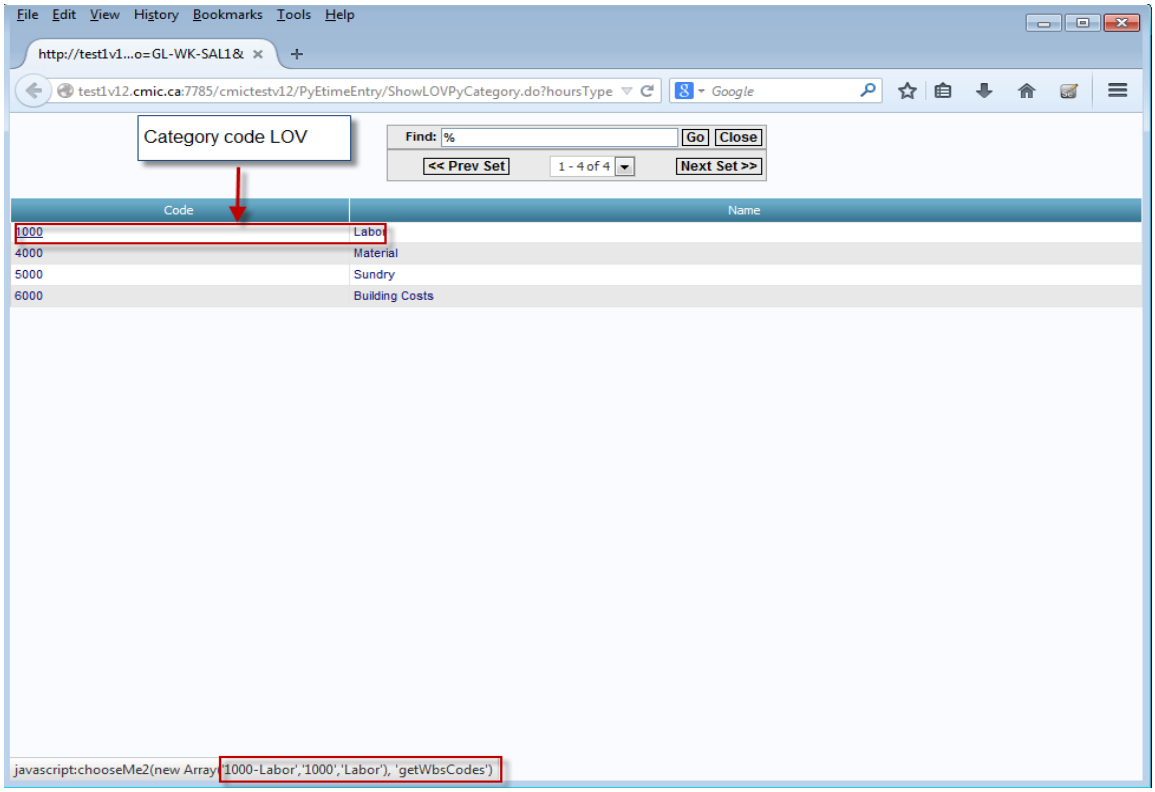
E-Time: Addition of the Hint Line for Job, Cost Code and Category fields (16.15684)

CMiC added a Hint line for Job, Phase Code and Category fields on E-Time Entry screen and on the Timesheet Approval screen.




File Edit View History Bookmarks Tools Help
http://test1v1...No=GL-WK-SAL1
test1v12.cmic.ca:7785/cmictestv12/PyEtimeEntry/ShowLOVPyJob.do?hoursType=NWI
Google
Job code LOV
Find: %
Go
Close
<< Prev Set
1 - 2 of 2
Next Set >>
Code
Name
GL-JOB01
Job01
GL-JOB02
Job02
javascript:chooseJob('P',new Array('GL-JOB01-Job01','GL-JOB01','Job01','','GL'),'getWbsCodes')

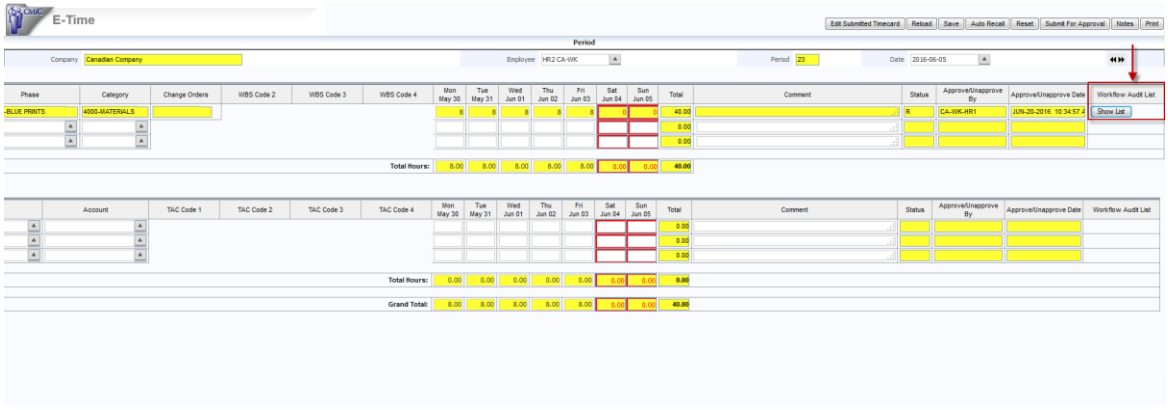

File Edit View History Bookmarks Tools Help
http://test1v...No=GL-WK-HR2&
test1v12.cmic.ca:7785/cmictestv12/PyEtimeEntry/ShowLOVPyPhase.do?hoursType=N
Google
Phase Code LOV
Find: %
Go
Close
<< Prev Set
1 - 2 of 2
Next Set >>
Code
Name
01 01
Signage
01 02
Progress Photos
javascript:chooseMe2(new Array('01 01-Signage','01 01','Signage'))



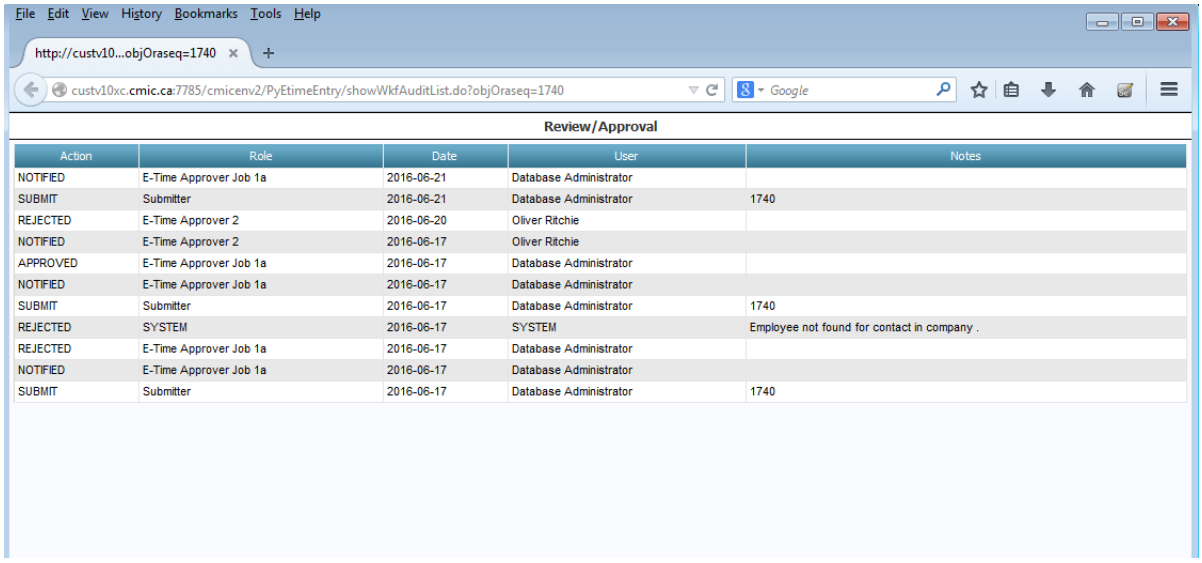
Addition of a new button “Workflow Audit” to the E-Time Entry for each line (16.18390)

CMiC modified an e-timesheet entry screen to add a new BUTTON for each timesheet entry line. The button is enabled only when user has activated a work flow on e-timesheet. The new button is labeled as 'Work Flow Audit'. The button opens a new popup window to display the work flow audit history for each individual line. The new popup window will run in view only mode only.

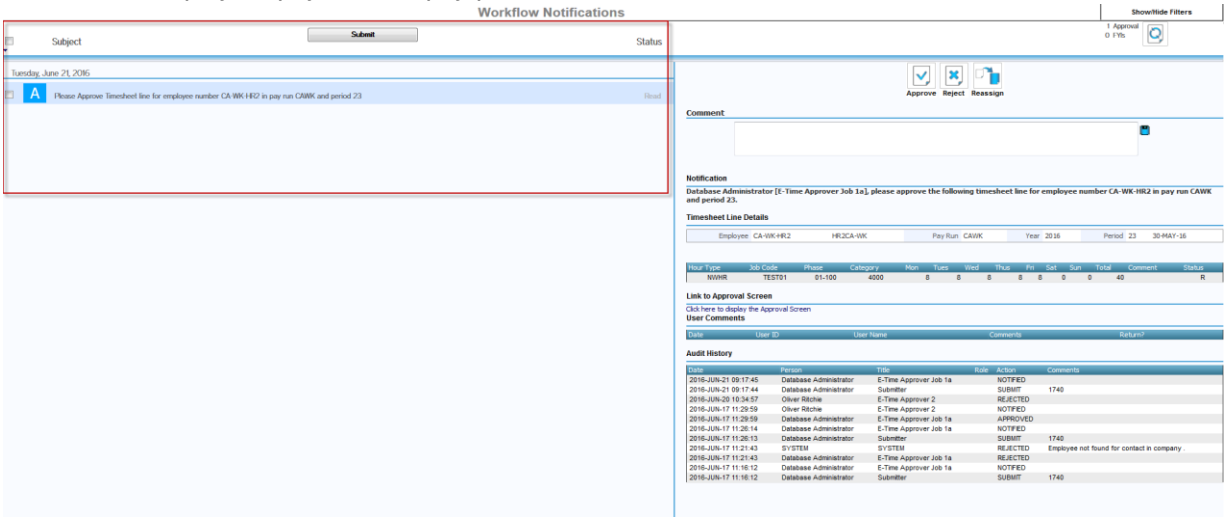
1 In order to see a new button, user has to submit e-timesheet entry.



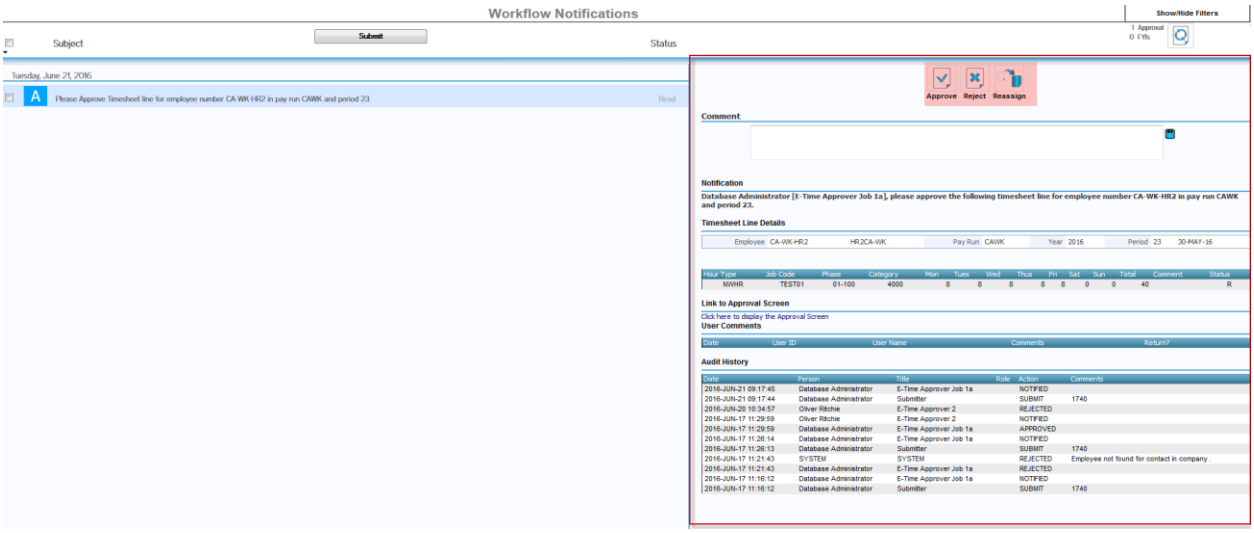
2 When user clicks the [Show List] button, the new popup window opens with the information about the work flow actions regarding the e-time entry.



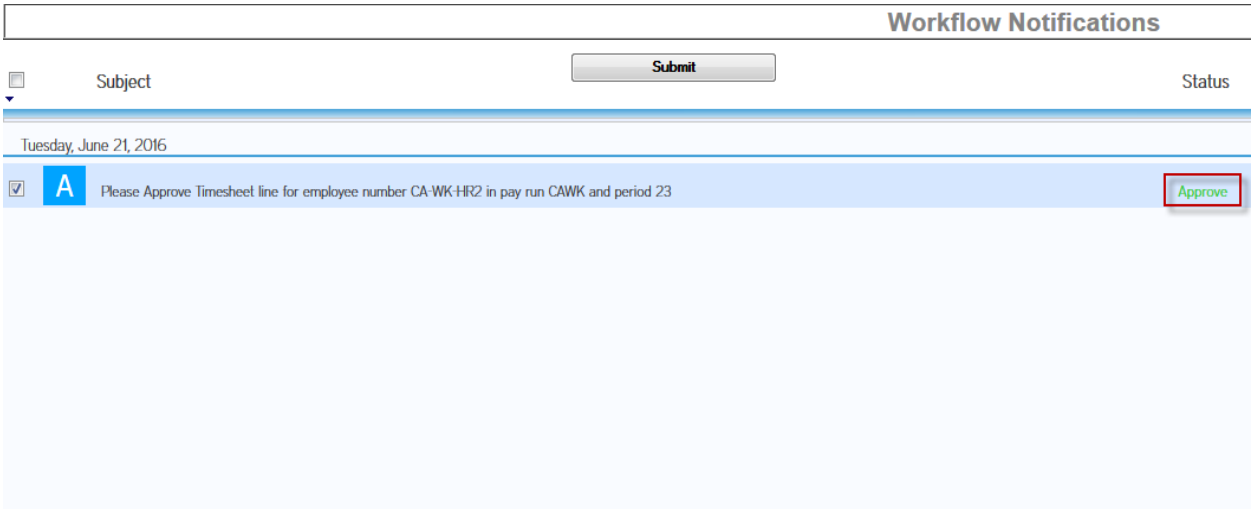
3 On the Workflow-> Notification List screen, in the left block of the screen, there is a workflow notification displayed asking to approve the timesheet line for specific employee, pay run and pay period.



4 In the right block, user can review Timesheet Line Details, Audit History, Link to Approval Screen and some other details related to the timesheet. User is allowed to Approve, Reject and Reassign submitted timesheet to another approver.



5 After user approves the timesheet, the status of the workflow notification is changed.



User selects the notification and clicks Submit in order to submit the changes done for this particular timesheet entry.

You have successfully approved, rejected, or closed the selected notifications

Return

Modifications to Crew Timesheet Entry Screen. (16.28211)

CMiC has made the following modifications to the 'Crew Timesheet Entry' screen and program.

The **Total** field and columns have been moved from right to left side panel beside the employee information. The entire Left side section is frozen. The Crew Timesheet detail section is converted into two frames: Employee Entry and Timesheet Entry

The Timesheet Entry section has scroll bar down below.

The Employee Entry section will always be static.

First and Last Record buttons are added to the Crew Timesheet Entry screen. The new arrows will be added to allow users to move to the first and last columns.

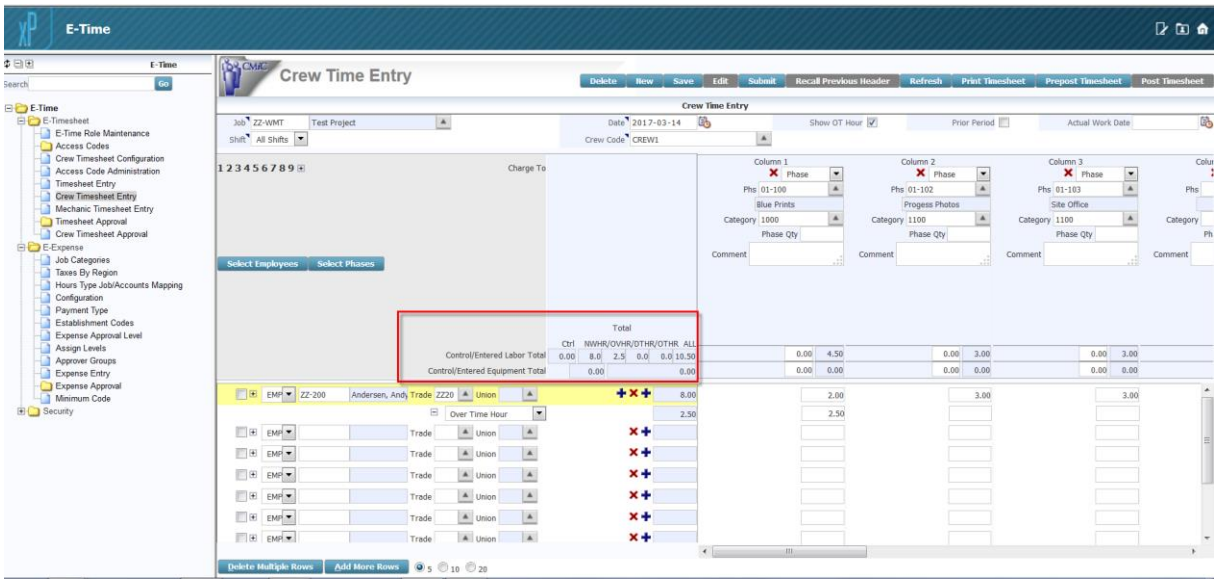
Added [**Allow Multiple Employee**] selections for deleting/removing employee(s).

Existing '**Delete**' icon is replaced with the checkbox to allow users to select one or many employees and delete multiple records. Currently, we have 'X' icon to delete one employee timesheet at a time.

[**Copy Timesheet**] button has been added to copy timesheet from previous day.

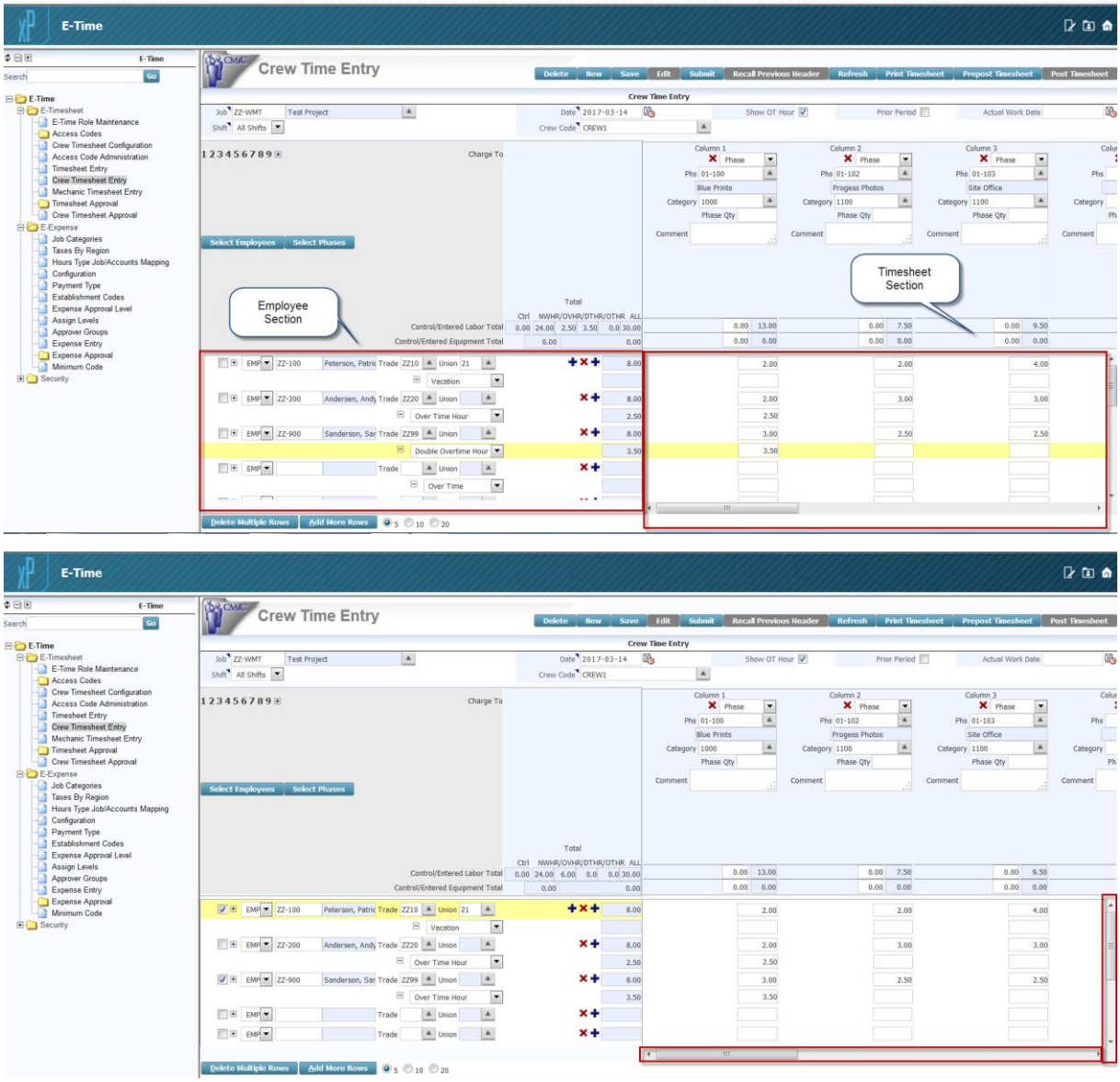
Crew Timesheet Entry Screen

The Total field and columns have been moved from right to left side panel beside the employee information. The entire Left side section is frozen. The Crew Timesheet detail section is converted into two frames: Employee Entry and Timesheet Entry.

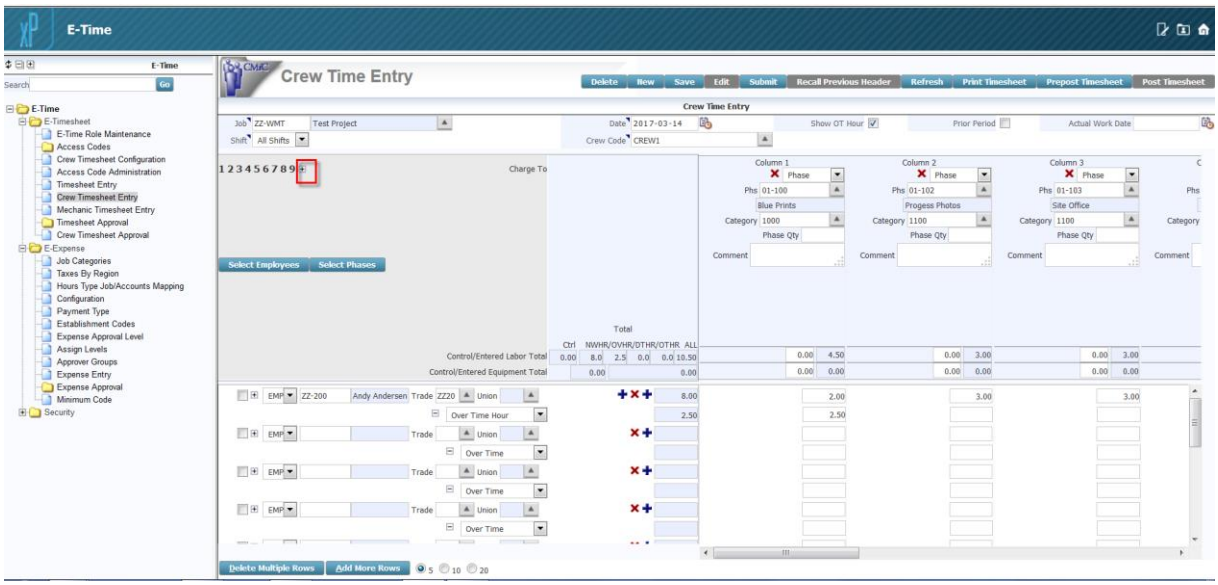


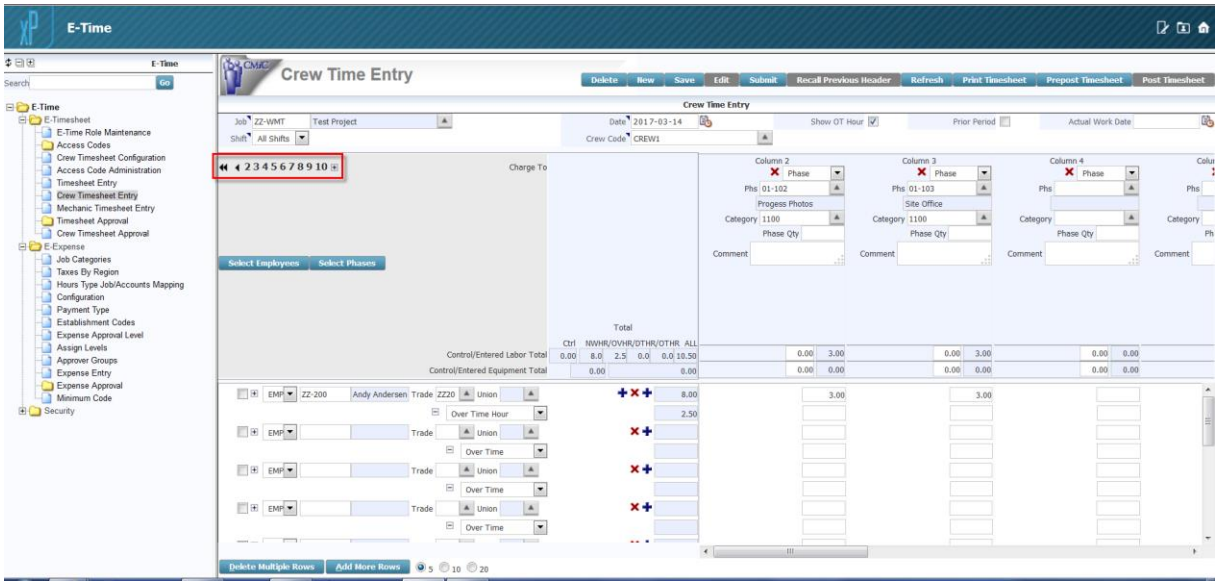
The Timesheet Entry section has scroll bar down below.

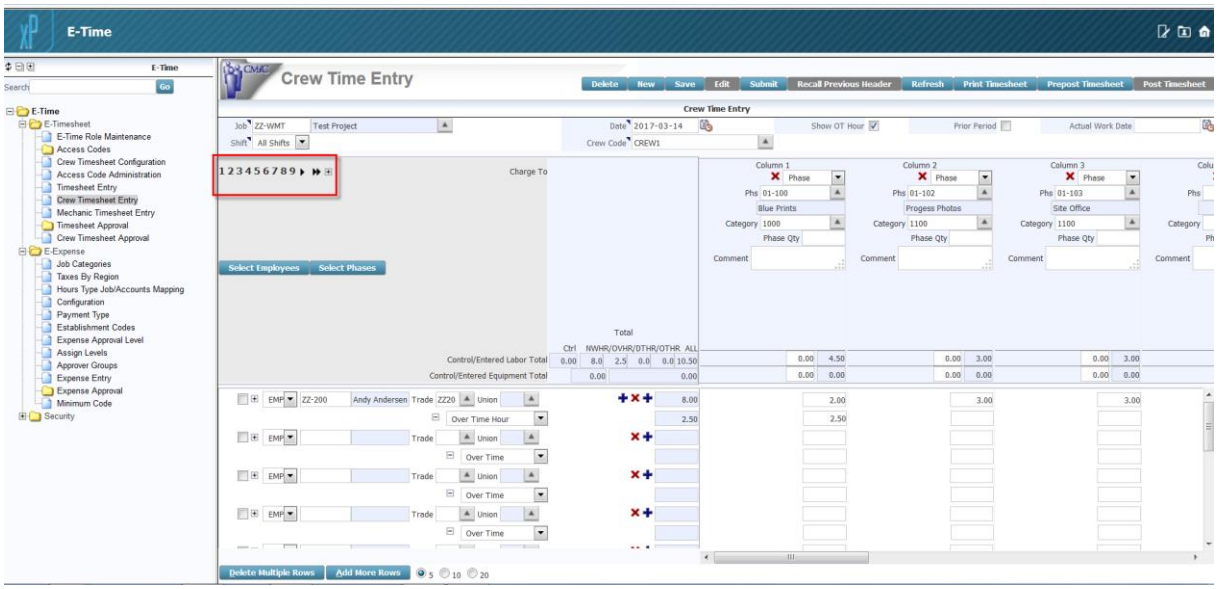
The Employee Entry section will always be static.



First and Last Record buttons are added to the Crew Timesheet Entry screen. The new arrows are added to allow users to move to the first and last columns.

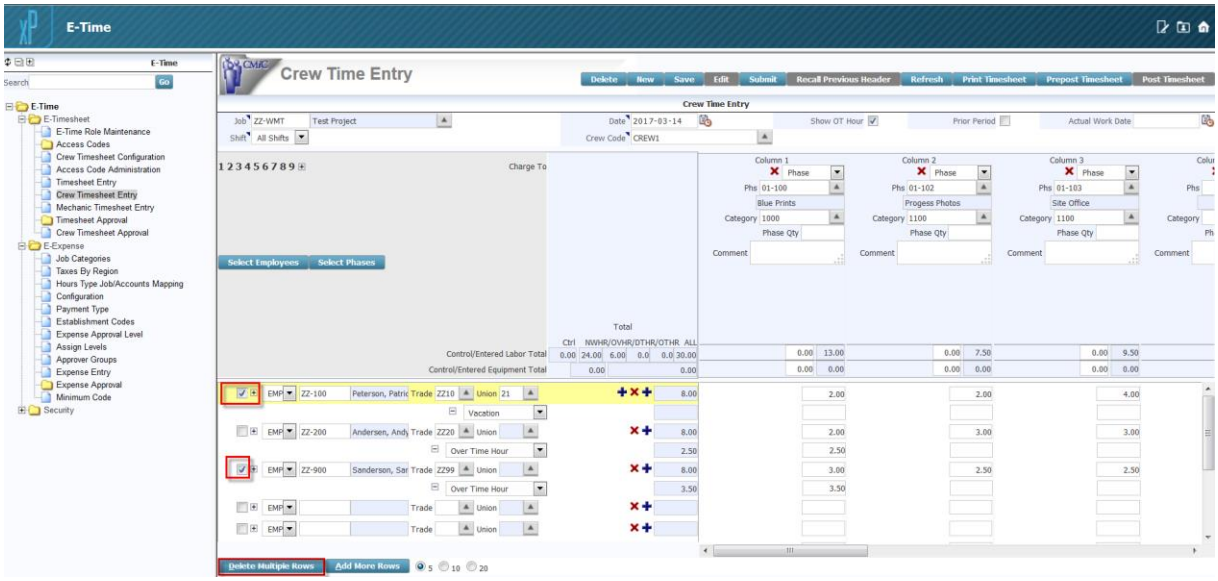

E-Time
Crew Time Entry
Delete
New
Save
Edit
Submit
Recall Previous Header
Refresh
Print Timesheet
Prepost Timesheet
Post Timesheet
Select Employees
Select Phases
Delete Multiple Rows
Add More Rows

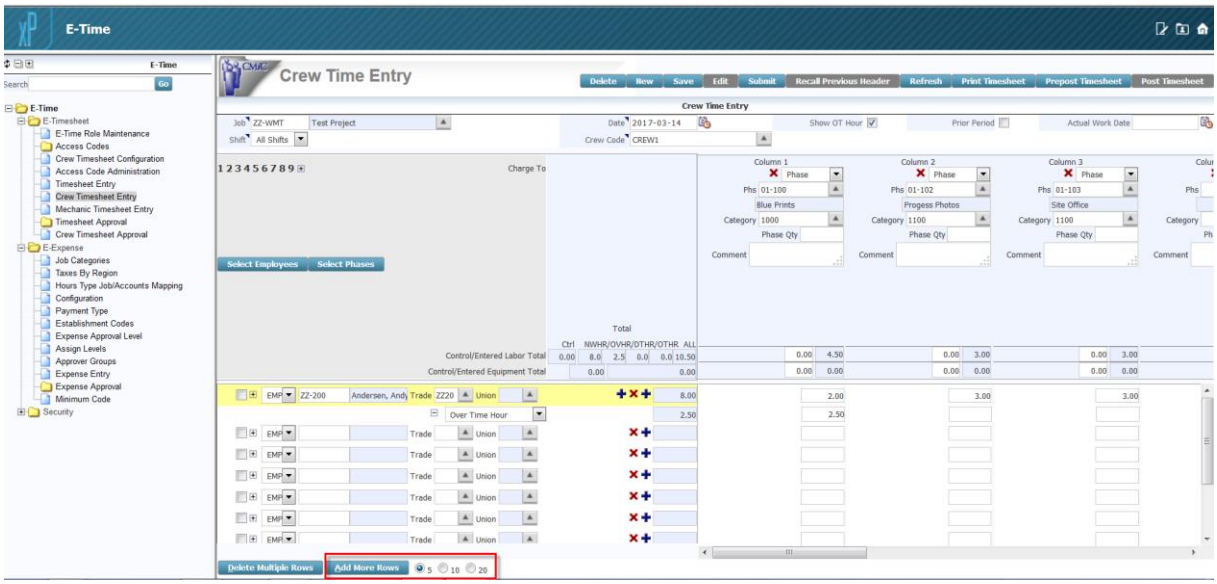

E-Time
Crew Time Entry
Delete
New
Save
Edit
Submit
Recall Previous Header
Refresh
Print Timesheet
Prepost Timesheet
Post Timesheet
Select Employees
Select Phases
Delete Multiple Rows
Add More Rows



Existing ‘Delete’ icon is replaced with the checkbox to allow users to select one or many employees and delete multiple records. Currently, we have ‘X’ icon to delete one employee timesheet at a time.

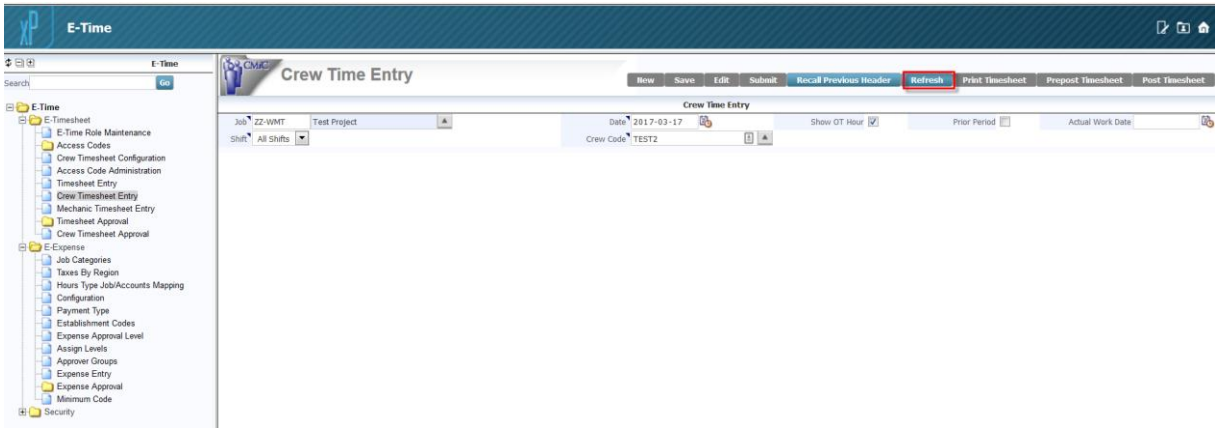
Added ‘Allow Multiple Employee’ selections for deleting/removing employee(s).



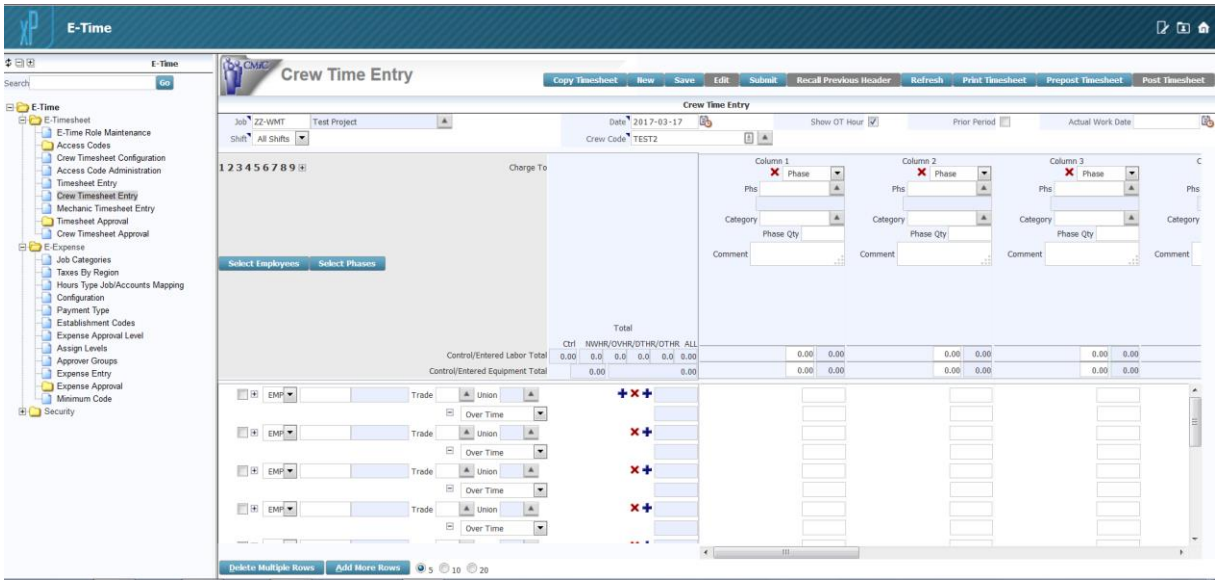


[**Copy Timesheet**] button has been added to copy timesheet from previous day.

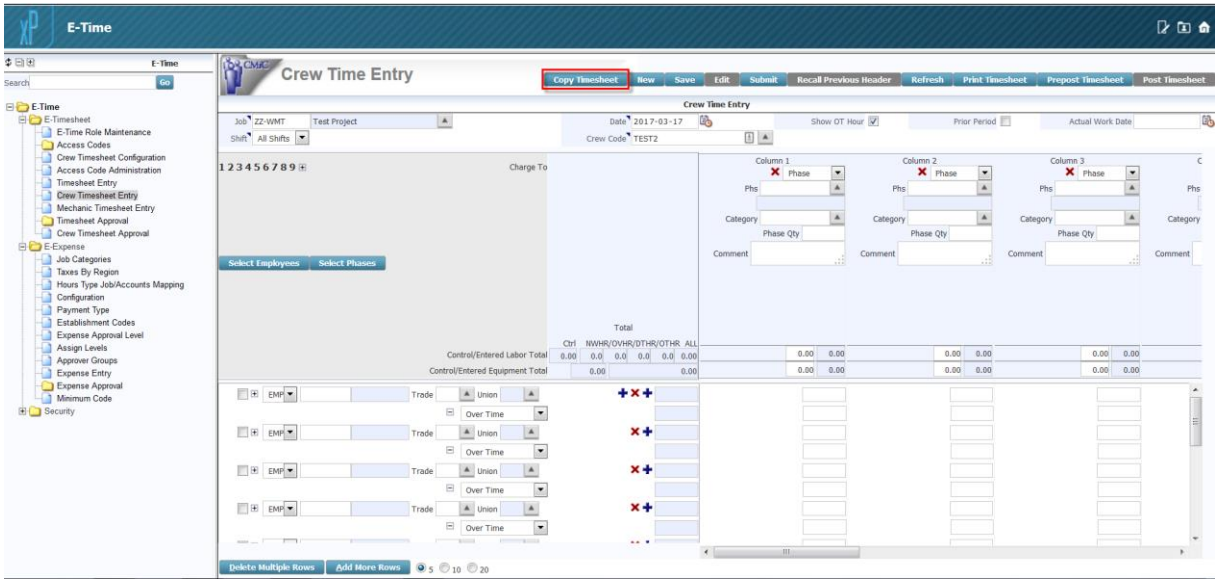
Enter Job, Date and Crew Code. User can type a new crew code or the same crew code. Select [**Refresh**] button to load a blank Crew Timesheet.

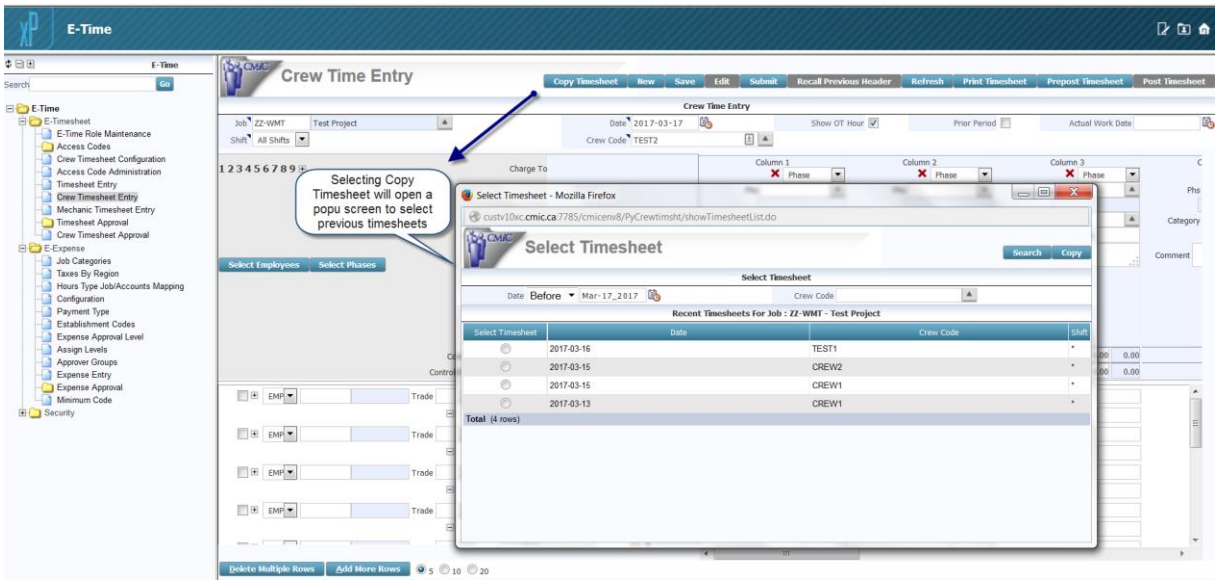


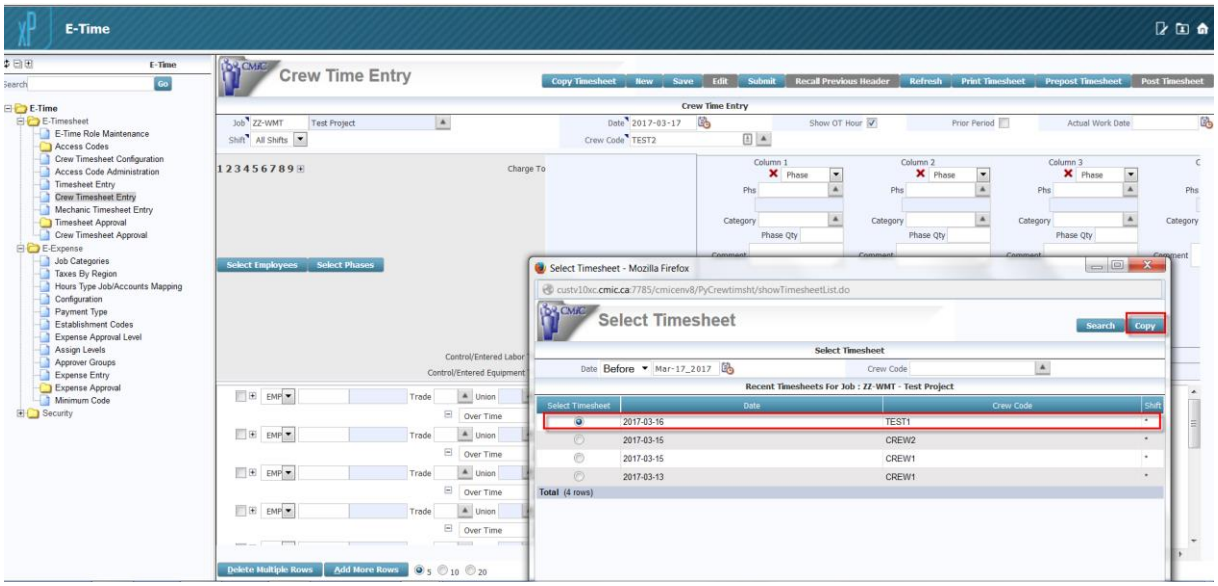
Note: [**Copy Timesheet**] buttons is only enabled and appears if the Crew Timesheet is empty.



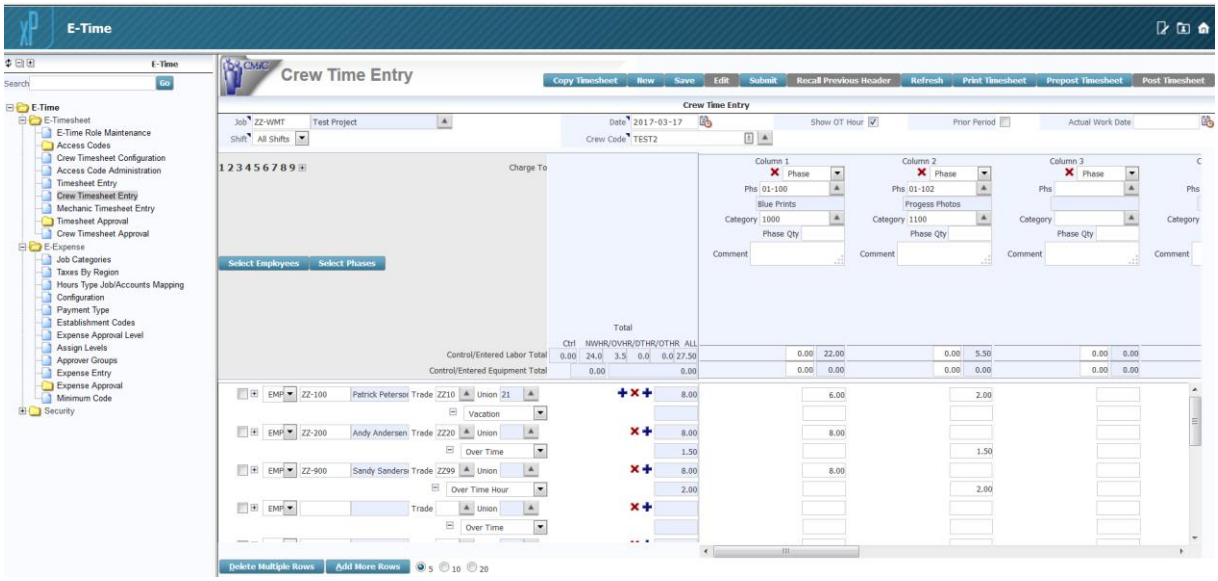
Select [**Copy Timesheet**] to copy previous existing timesheets. A popup opens for the user to select and copy previous crew timesheets.



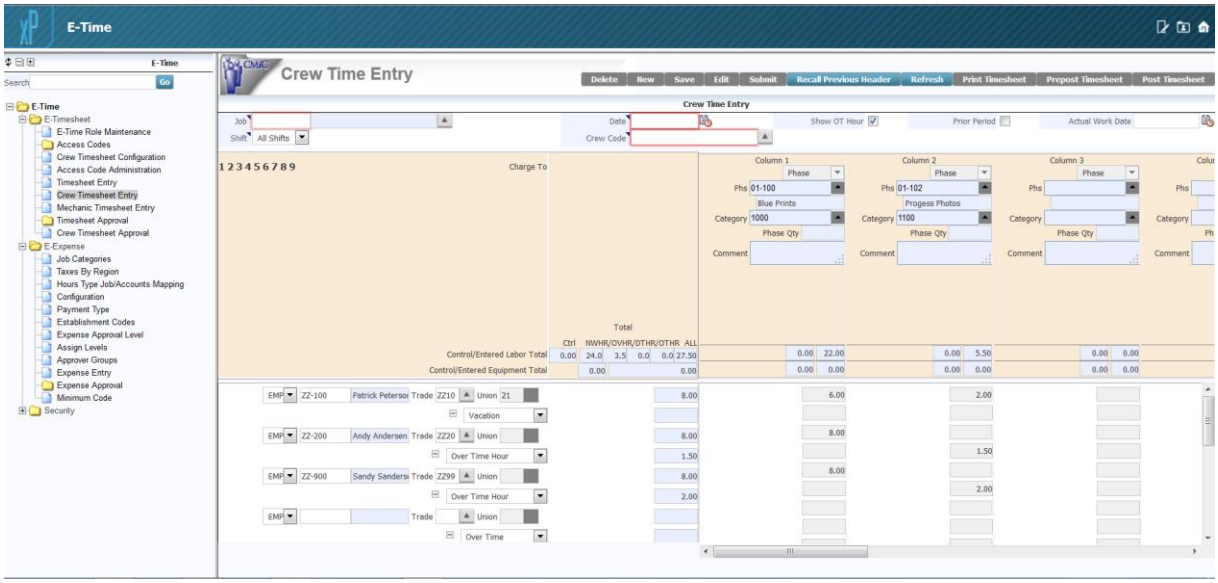




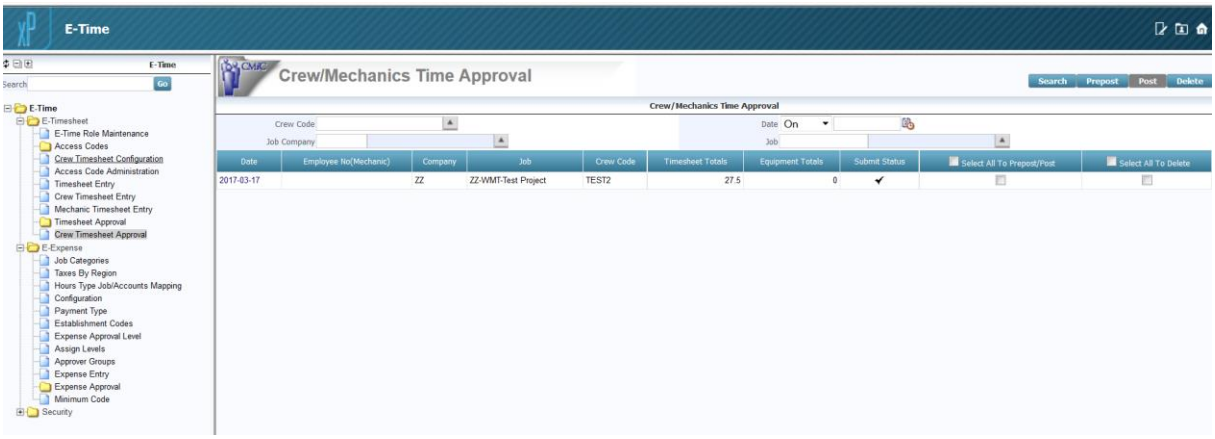
Timesheet from 207-03-16 is copied.



Save Timesheet and Submit for Approval

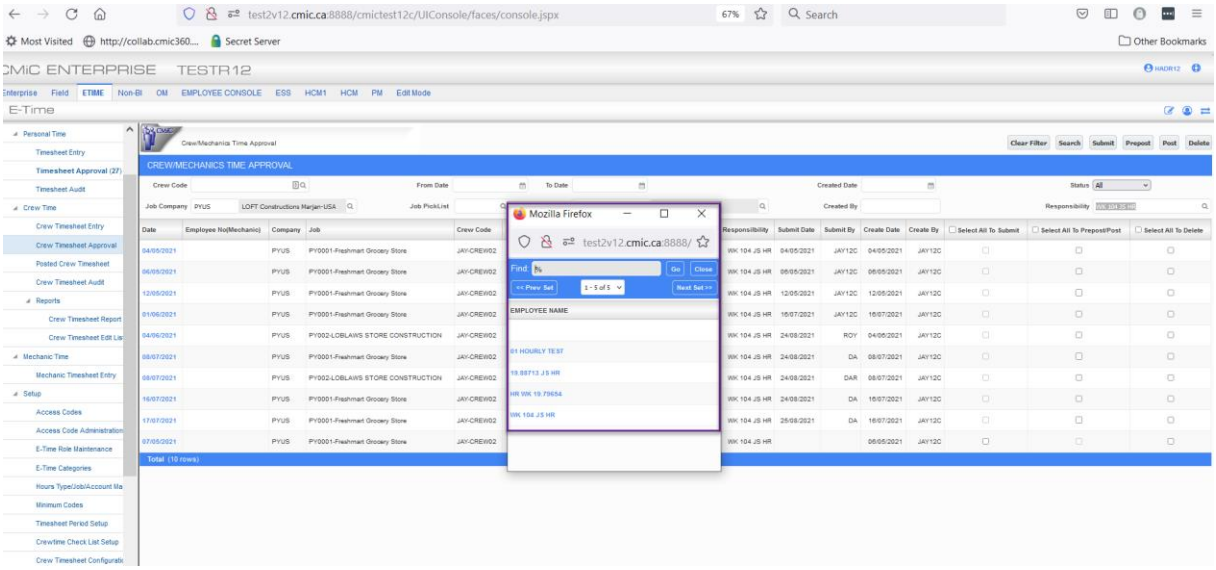


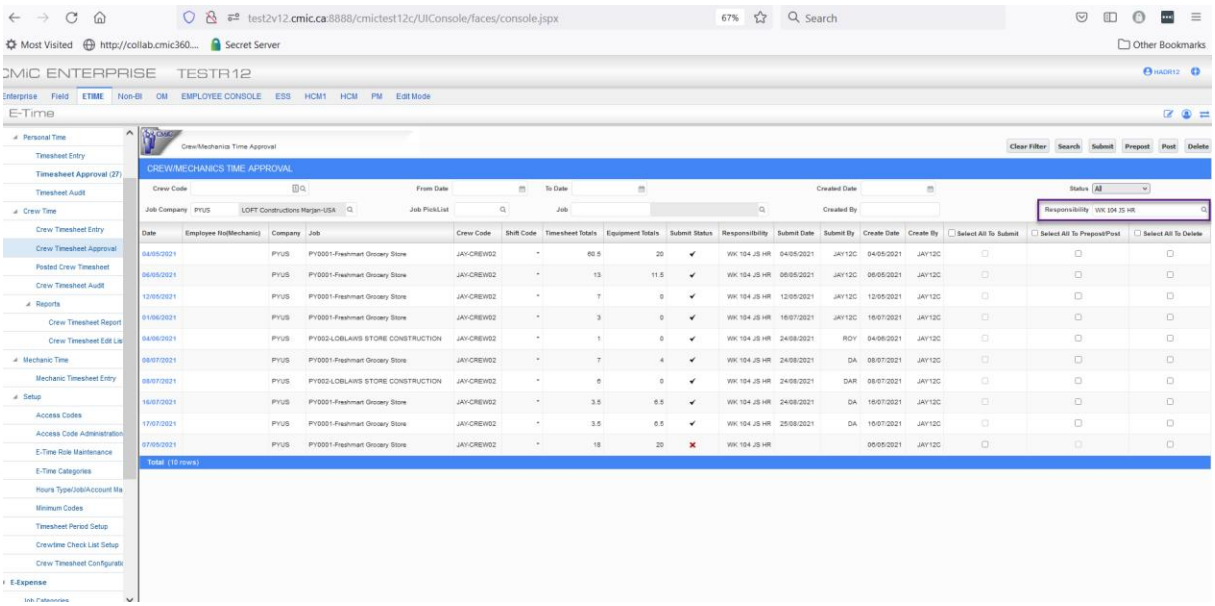
Crew Timehseet Approval Screen

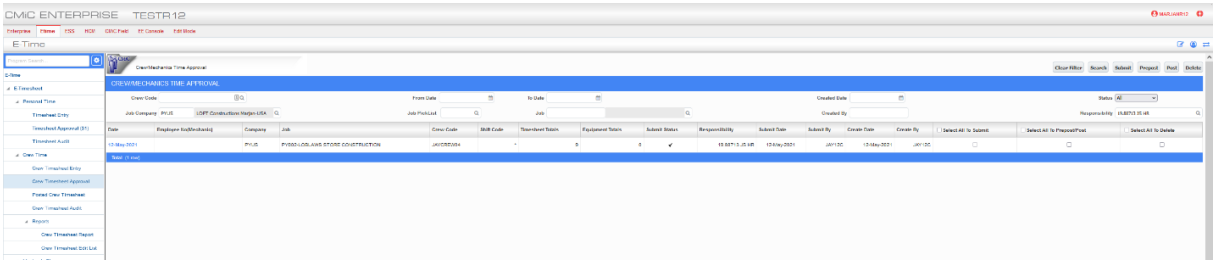


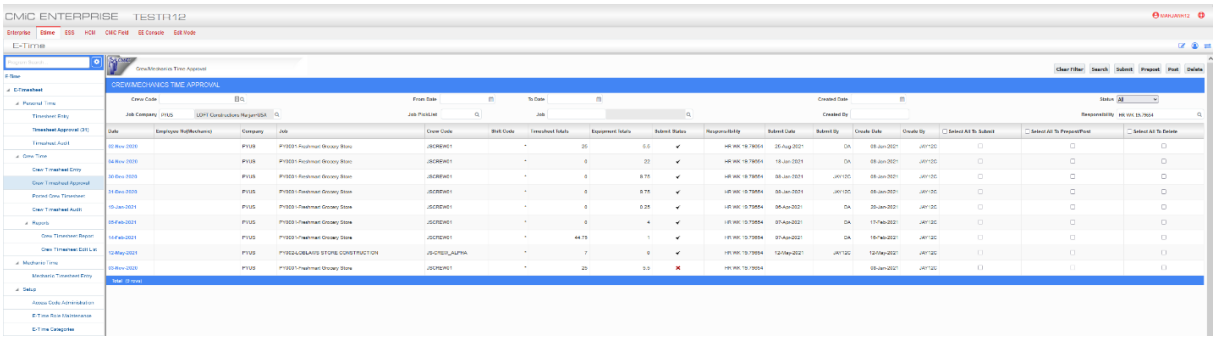
Responsible Person Search Filter in Crew Time Approval (21.46333)

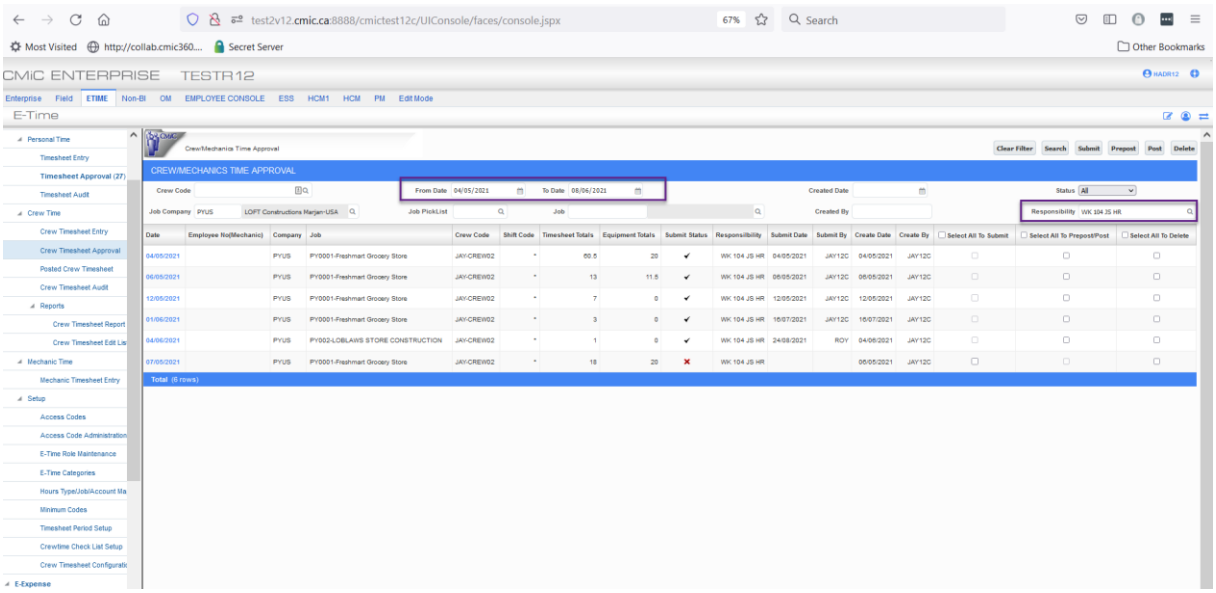
Added search filter field for responsible person to E-Time Crew Timesheet approval program.
Responsible person is assigned to each crew in the Crew Time Mobile App.
Added a column Responsibility LOV in header filters.




CMiC ENTERPRISE TESTR12
E-Time
CREW/MECHANICS TIME APPROVAL


CMiC ENTERPRISE TESTR12
E-Time
CREW/MECHANICS TIME APPROVAL


CMiC ENTERPRISE TESTR12
E-Time
CREW/MECHANICS TIME APPROVAL

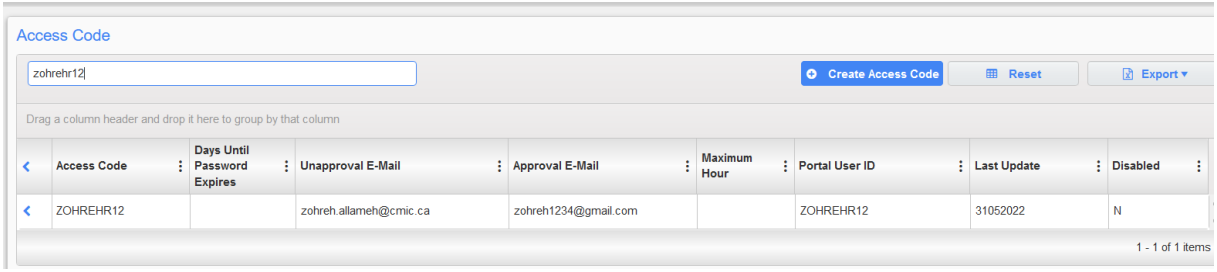


E Time Access Code - Email Notification and Setups (21.50017)

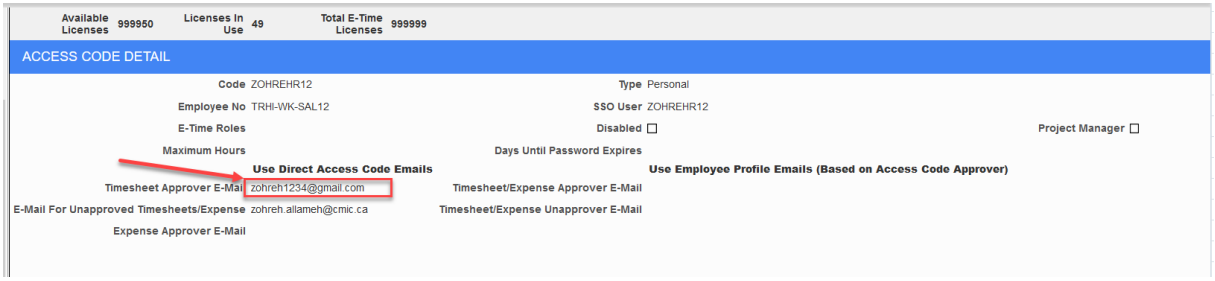
Overview

This document provides an overview of how the email address fields are used in the Access Code screen in E-Time.

Access Code



Access Code Screen in Log View (Table Mode)



Access Code Screen in Record View (Form Mode)

The Access Code screen is used for setting up access codes and specifying timesheet/expense approvers and unapprovers for those access codes.

There are two types of access codes: Personal and Group. The type of access code used in this example is “Personal”.

For Personal access codes, the password is not used as users will be automatically logged-in based on their SSO user, so users are not able to update or modify the password, the employee number nor the SSO User. For Group access codes, the password and SSO User can be updated if required.

Access Code Detail

The Access Code Detail section of the screen contains two categories for email addresses:

- Use Direct Access Code Emails
- Use Employee Profile Emails

Use Direct Access Code Emails

This section of the screen is used to manually enter email addresses for the user of that access code and for the approver of that access code. We do not recommend to use this option, as this would overwrite the emails used with these “hard-coded” ones instead of using them from the employees themselves based on employee profile.

Timesheet Approver Email

The email address entered here will be the one used for approving the timesheets for this access code. If this field is left blank, the email address used will be the one from the employee profile (specifically the read-only field Timesheet/Expense Approver Email)

Email For Unapproved Timesheets/Expense

The email address entered here will be the one used if a timesheet for this access code is unapproved by the approver. If this field is left blank, the email address used will be the one from the employee profile (specifically the read-only field Timesheet/Expense Unapprover Email)

Expense Approver Email

The email address entered here will be one used for approving the expenses for this access code (based on the access codes security groups). If this field is left blank, the email address used will be the one from the employee profile (specifically the read-only field Timesheet/Expense Approver Email).

Use Employee Profile Emails (Based on Access Code Approver)

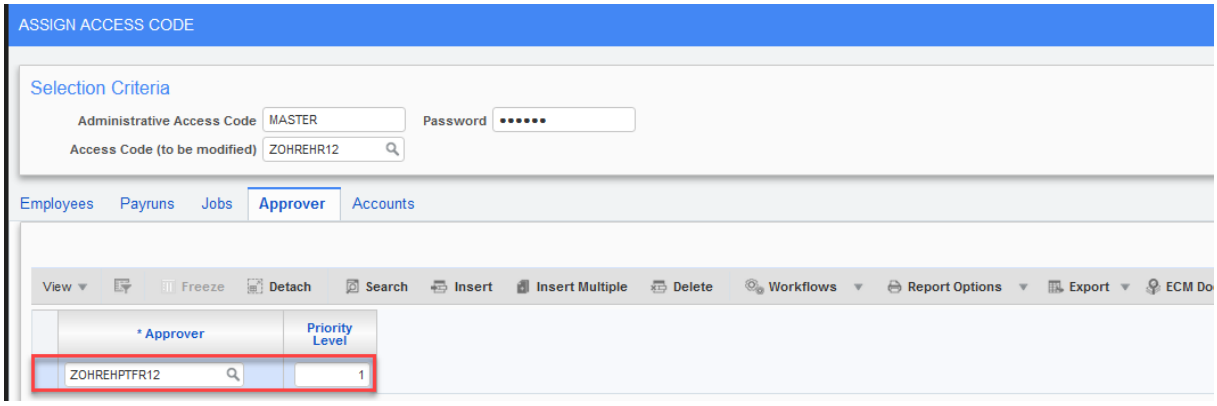
When email addresses are not manually entered (hardcoded) in the Use Direct Access Code Emails section of the screen, the email addresses shown in this section will be used. This is the recommended setting.

Timesheet/Expense Approver Email

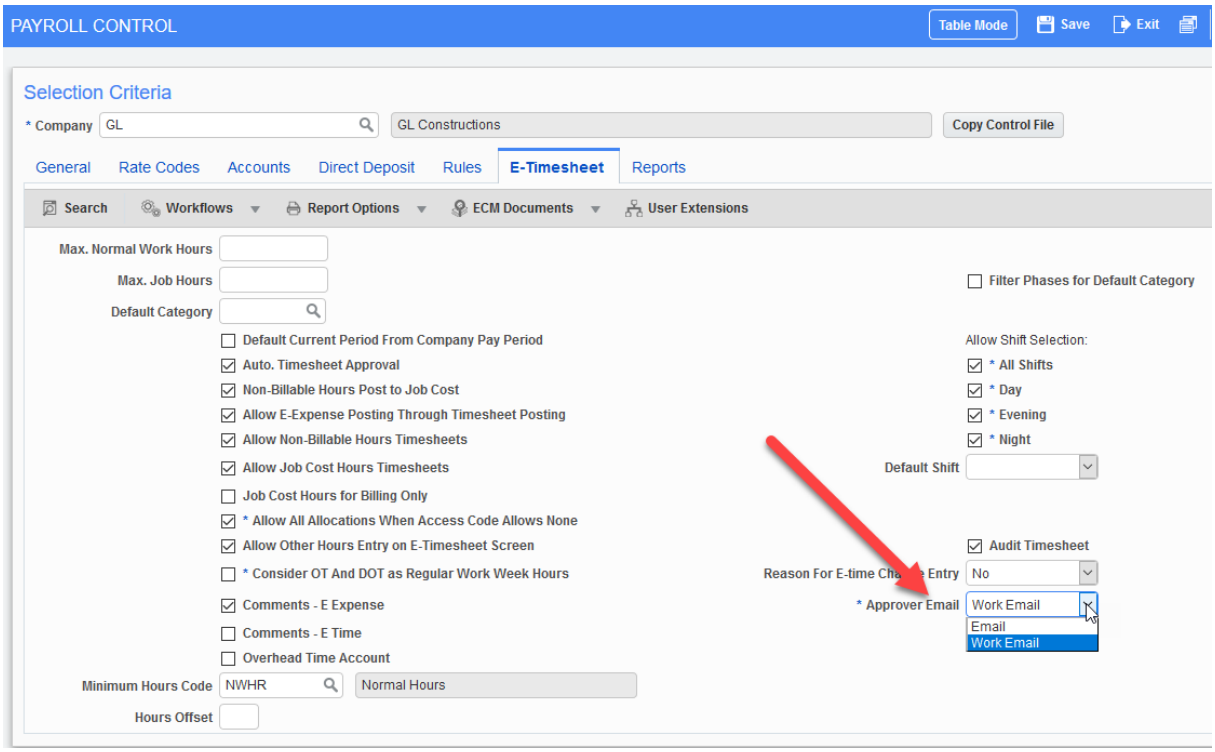
This email is based on the first approver of the access code, which is set-up in the Approver’s tab of the Access Code Administration screen. For this approver’s access code, the email of the employee linked to it (as personal access code) will be taken. Also, the email to be taken from the employee could be either work email or personal email based on a company control flag.

Timesheet/Expense Unapprover Email

This email is based on the employee that is assigned to this very same access code (as it is a personal access code), Also, the email to be taken from the employee could be either work email or personal email based on a company control flag.



Access Code Administration Screen



Company Control Screen

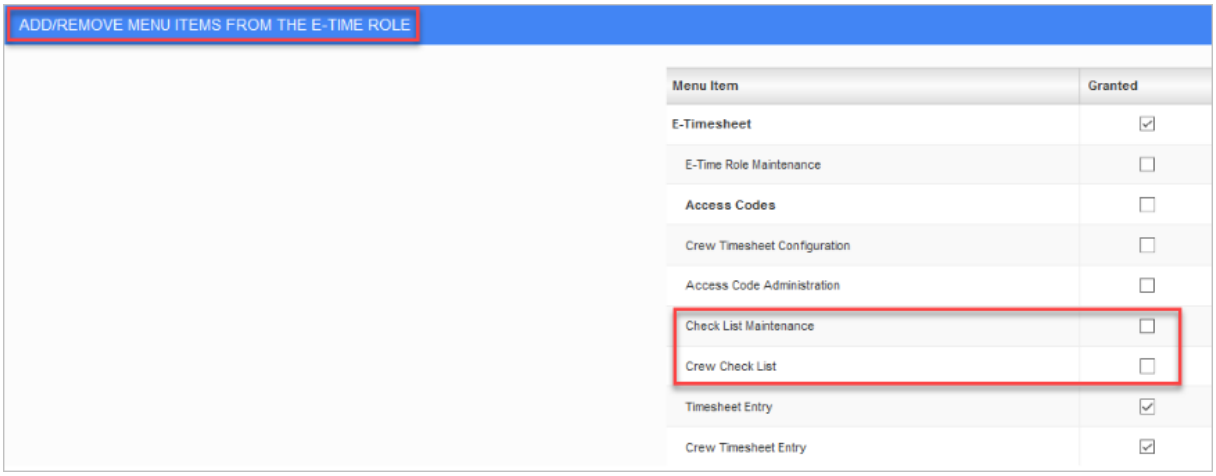
Added Checklist Programs to E – Time (21.51397/HCM-447)

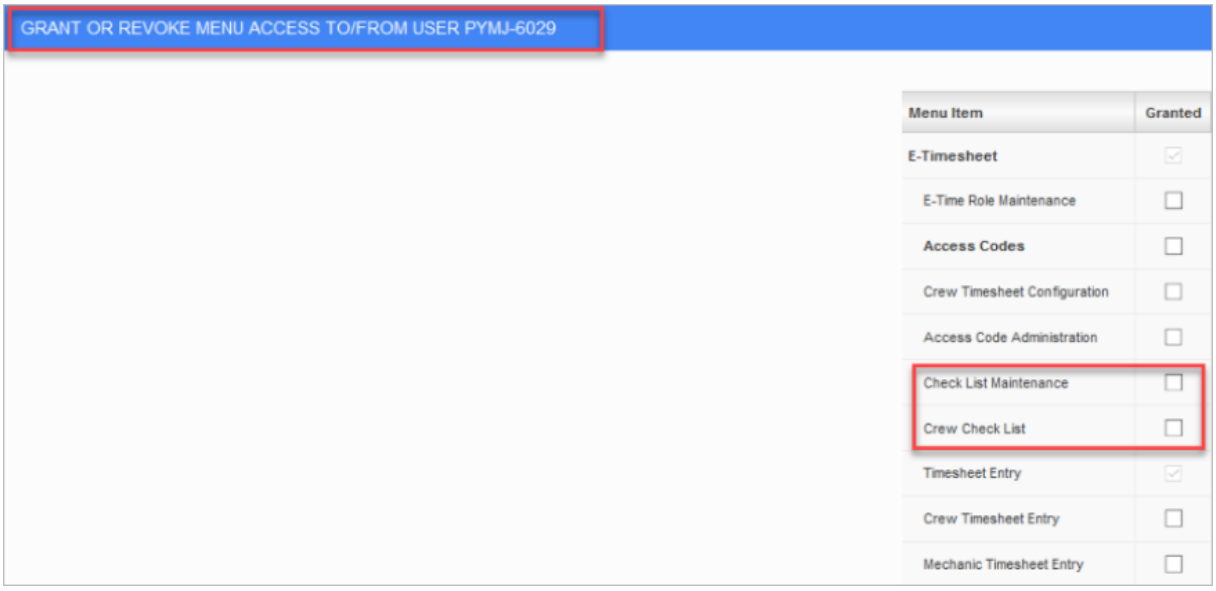
Overview

Checklists provide a way to ask foremen and crew members a series of questions prior to timesheet sign-off. This feature can be used to ensure that proper safety procedures have been followed on the job site.

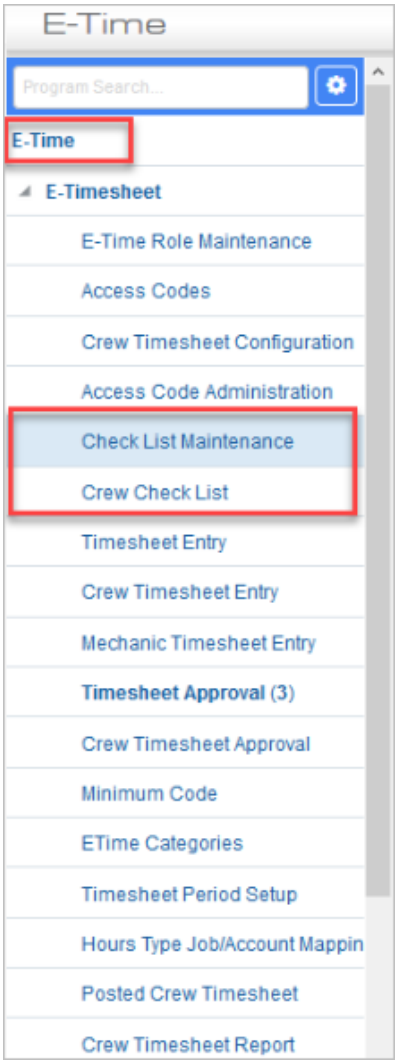
Adding Checklist Programs to E-Time

Users should add the Check List Maintenance and Crew Check List programs to both the E-Time role and their own personal user role in the Security Roles screen. Examples are shown below.





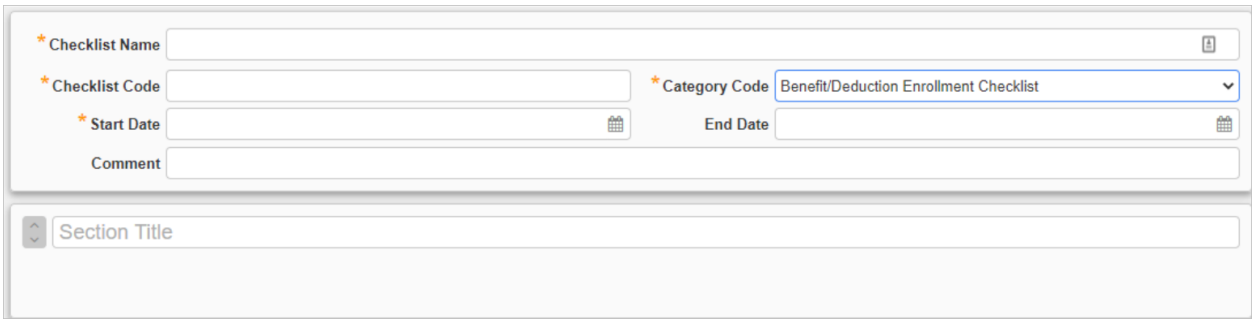
After adding these programs they should appear in the E-Time menu, as shown below.



Creating Checklists

Basic information about setting up checklists can be found at Checklist Maintenance (Beta). The process for creating checklists is much the same for the Field and E-Time applications. However, there are some key features specific to the E-Time version which this article covers below.

Upon creating a new checklist template in E-Time, the below screen appears.



Category Code

Select from the following options:

Benefit/Deduction Checklist: used for signing off on benefits and deductions.

Crew Checklist: available for any crew member when signing off.

Employee Sign-off Checklist: available for employees when signing off.

Foremen Checklist: available for foremen during the sign-off process.

Employee Console

Modifications to Employee Salary Maintenance Screen (16.21517)

CMiC has made the following modifications to the 'Employee Salary Maintenance' screen and program.

The New and Modified fields and labels on the screen are as under:

Employee Salary Maintenance Screen

Effective Date: 'Raise Date' is renamed to 'Effective Date'. Enter/Select to specify the effective date when the change is to take effect. The Details section will reflect this change and display the field as Effective Date for the Salary changes.

Position: This field is modified to display the selected Trade Code and the full description. Selected position will now display the full Trade description, enabling the users to view the employee(s) title not just the trade code.

Salary: Displays employee's current salary. The field is modified to display two decimals and a $ sign. The Details section will display the $ sign with the two decimals.

Merit %: Enter Merit percentage amount. Modified field to display two decimals and a percentage % sign. If user did not enter amount with a decimal, then in the Details section the amount will be displayed with two decimals.

Promotion %: New field/column labelled as 'Promotion' with a '%' sign is added to the screen. Enter Promotion percentage amount. The Promotion field follows Merit and is included in Total Raise calculation. This field allows users to enter 'Promotion' percentage. The calculated percentage will include the new amount in the total increase. The input allows two decimals. In the **Details** section, amount will reflect and display two decimals.

New Salary/New Rate: This field is labelled based on the employee type. For salaried employees the field will display the label as New Salary. For hourly employees the field label will display New Rate. The New Salary or New Rate amount is displayed and calculated based on the Cola, Merit, Promotion and Total Raise percentage. Modified New Salary field is to calculate by rounding in increment of $100 with two decimals added to the field. The **Details** section is changed to display a $ sign and two decimals. Increment of $100 is only applicable to Salary Type employees and **NOT** Hourly.
(Example: $177091.2 = $177100.00)

Total Raise: Modified field to increase Total Raise calculation in $100 increments with '$' sign and two decimal places added to the field. This is calculated field that populates the total increased amount (total raise) based on the percentages entered in Cola, Merit and Promotion fields. Total Raise calculation is increased in $100 increments with a $ sign and two decimals. The Details section is also changed to reflect this modification. (Example: 1046.10 = $1100.00)

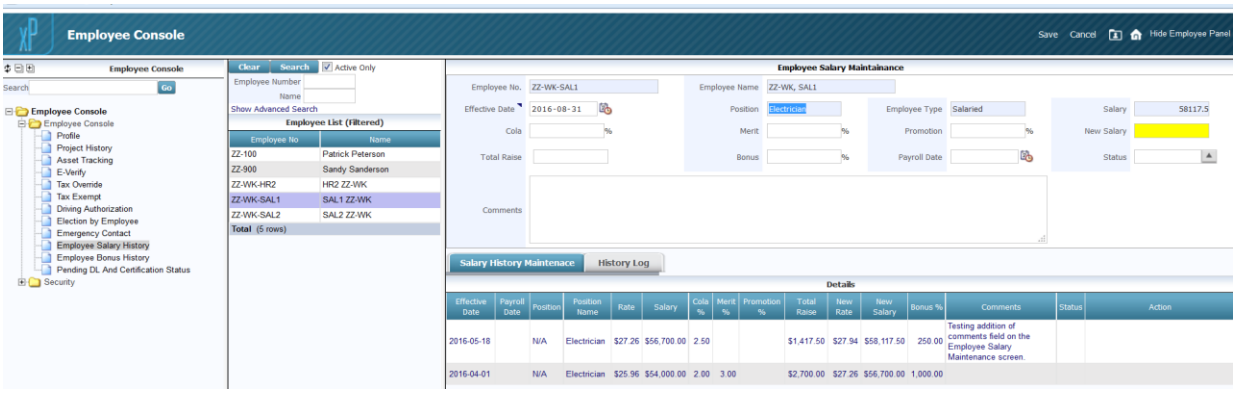
Bonus %: Renamed 'Bonus Particpation' field to 'Bonus%' to enter bonus percentage amount. Bonus field now has a two decimals. **NOTE:** The input allows two decimals. The details section is changed

to display the % symbol and two decimals. Bonus percentage is only for reference and reporting purposes. Bonus percentage amount is **NOT** included in the calculation of New Salary and Total Raise.

Payroll Date: New field/column labelled as 'Payroll Date' is added to the screen to allow users to enter the Payroll Effective date for reference only. User can Enter/Select to specify the Payroll Date for references only.

To request a salary change for an employee, click the **[Add]** button along the top-right of the screen. The screen to enter the fields for a salary change will be displayed, as shown in the screenshot below.

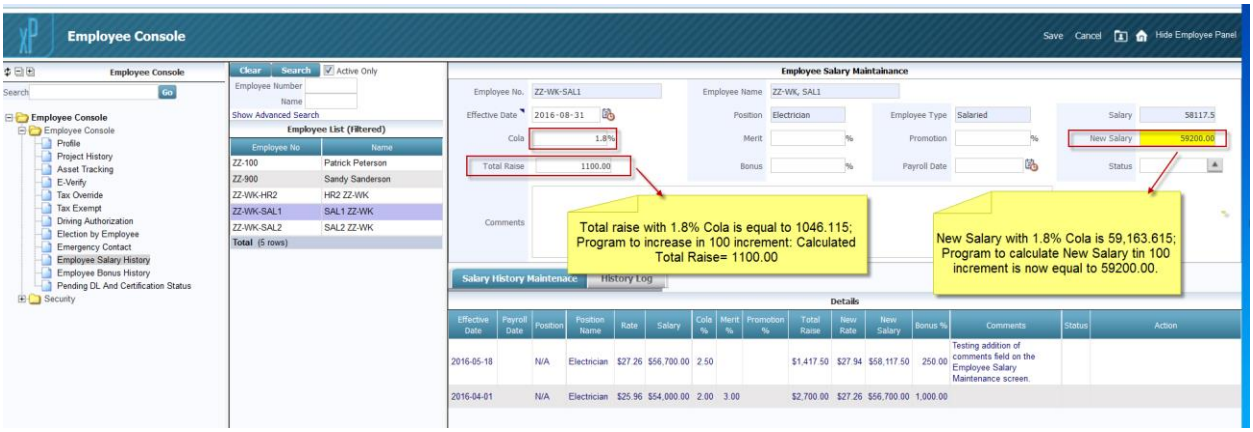
Enter the **Effective Date** field to specify when this change is to take effect. Next, use either the **Cola%**, **Merit%** or **Promotion%** field *(or all)* to specify a percentage to increase the salary by. The **New Salary** field will display the new salary based after the previous fields have lost focus.

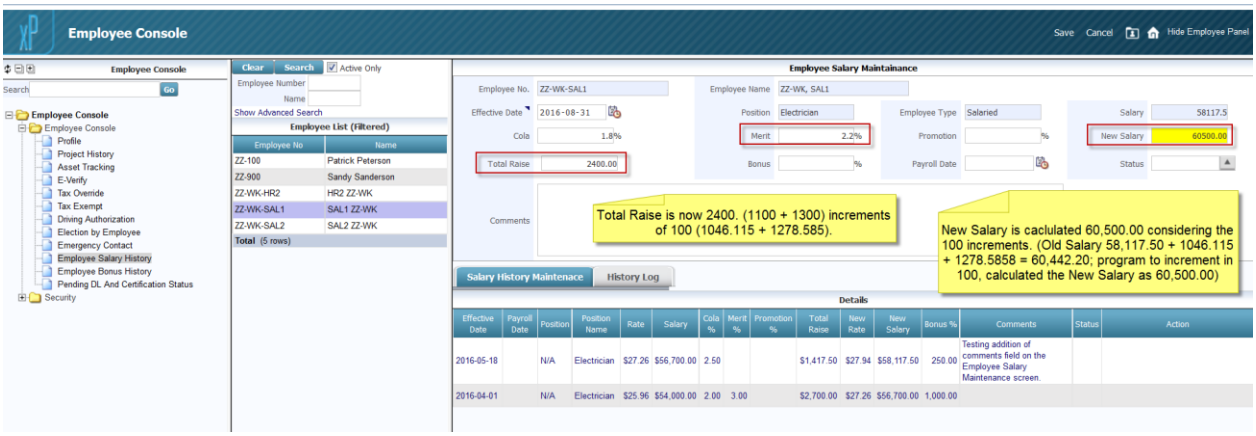


After tabbing or clicking away from these fields, the **New Salary** field will display the new calculated salary amount respectively. The **Total Raise** field will be populated with the total amount increased based on the percentages entered in Cola, Merit and Promotion. The **New Salary** or **New Rate** amount is displayed and calculated based on the Cola, Merit, Promotion and Total Raise percentage.

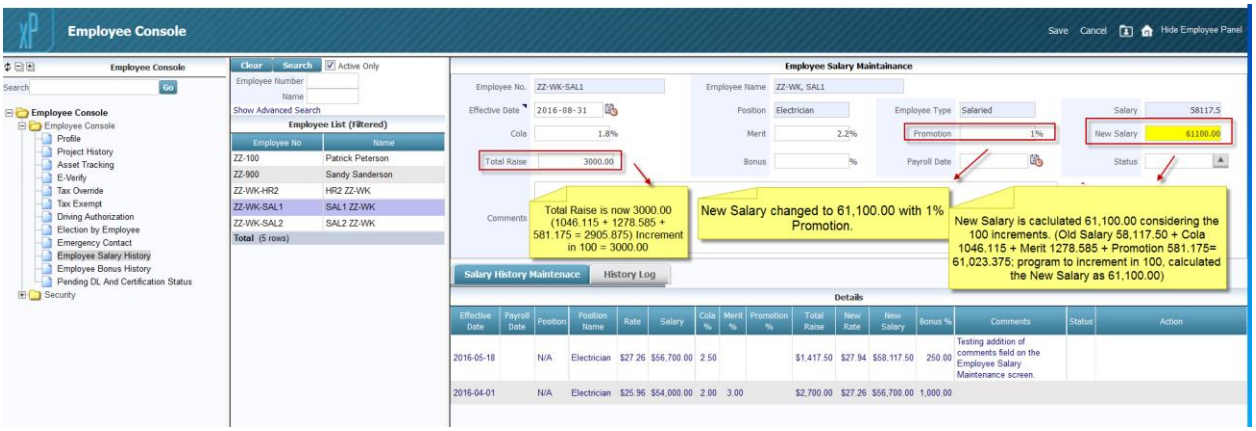
New Salary field is to calculate by rounding in increment of $100 with two decimals added to the field.

Total Raise calculation is increased in $100 increments.

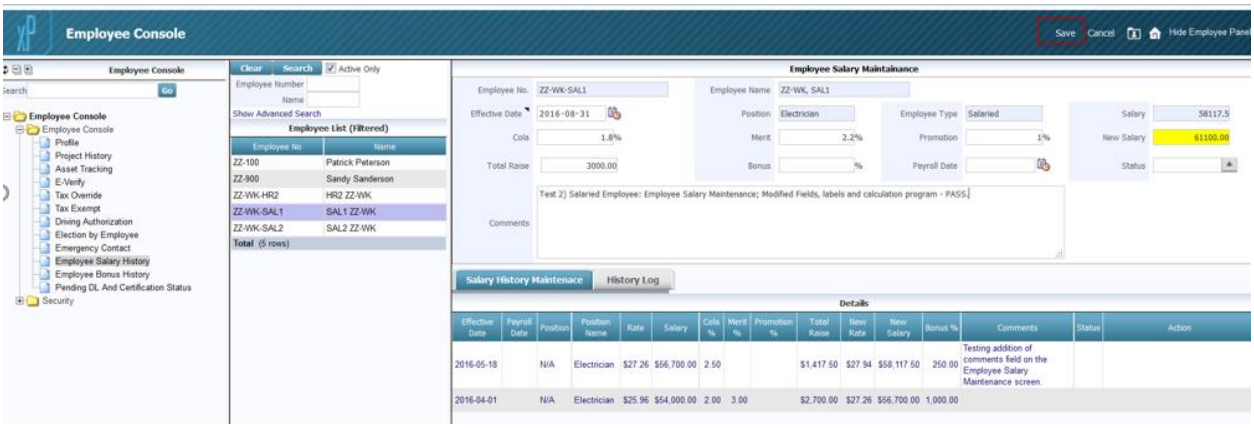




The Promotion % field follows Cola% and Merit% fields and is included in Total Raise calculation. This field allows users to enter 'Promotion' percentage. The calculated percentage will include the new amount in the total increase.



When finished, click the **[Save]** button, along the top of the screen.

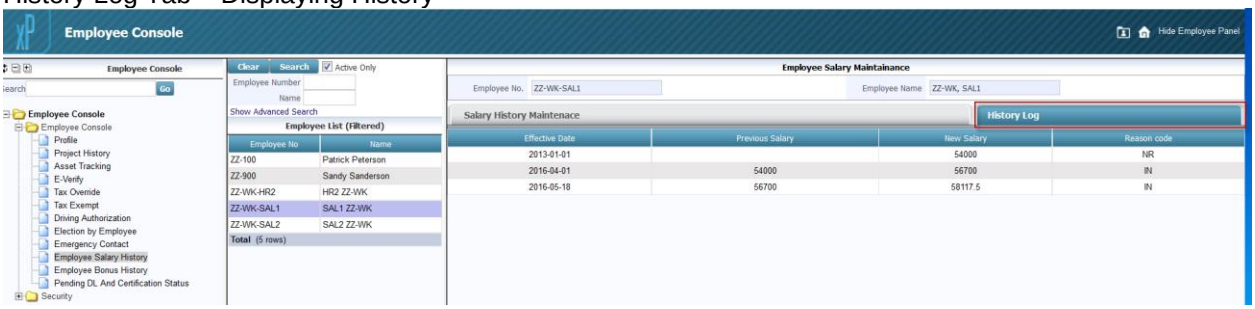


In the Details section, Cola%, Merit%, Promotion% and Total Raise% amounts are displayed with correct decimal points and values as input. Total Raise has incremented to $100.

To apply the salary change directly to the system, click the **[Apply Payroll]** button. This action will apply the salary change made on the Employee Salary Maintenance screen on the effective date creating an Employee History record in Payroll.

To delete the record and changes made on the Employee Salary Maintenance Screen, click the **[Delete]** button, highlighted above.

History Log Tab – Displaying History



New enhanced ‘Employee Bonus History’ and addition of ‘Employee Bonus Payment’ program (16.25454)

Overview: CMiC has made the following modifications to Employee Bonus History Program to enhance the functionality and processing order in HCM JSP.

HR Benefit Master Maintenance: Created a new JSP screen named **HR Benefit Master Maintenance** under HCM File Maintenanc**e.** Addition of a New flag named 'Bonus' to this HR Benefit Master screen. Function of the flag is to display the benefit in HCM Employee Console, Bonus History screen. CMiC has also included the HR related flag for 'dependent enrollment' in this screen. The new flag 'Bonus' introduced is only available in HR Benefit Master screen.

Employee Console - Employee Bonus Payment: CMiC has relabeled the existing Employee Bonus History screen to '**Employee Bonus Payment.**' There will be no change to program code and functionality; screen fields will remain the same.

Employee Console – New Employee Bonus History: Created a new program and screen called Employee Bonus History. Addition of new fields to the new developed Employee Bonus History Screen.

The following new fields are added for transactional data retrieval. The new screen is a log with the option, enabling the user to filter and sort bonus history. User can view transactions by using the new fields on the Log screen:

Addition of Benefit Column on the header to display all benefits and allow users to filter Bonus by selecting the benefit code in the header column. The following are the added objects:

Code: Free format text field

Description: Free format text field

Show Bonus Only – Check Box

From Year: Numeric field

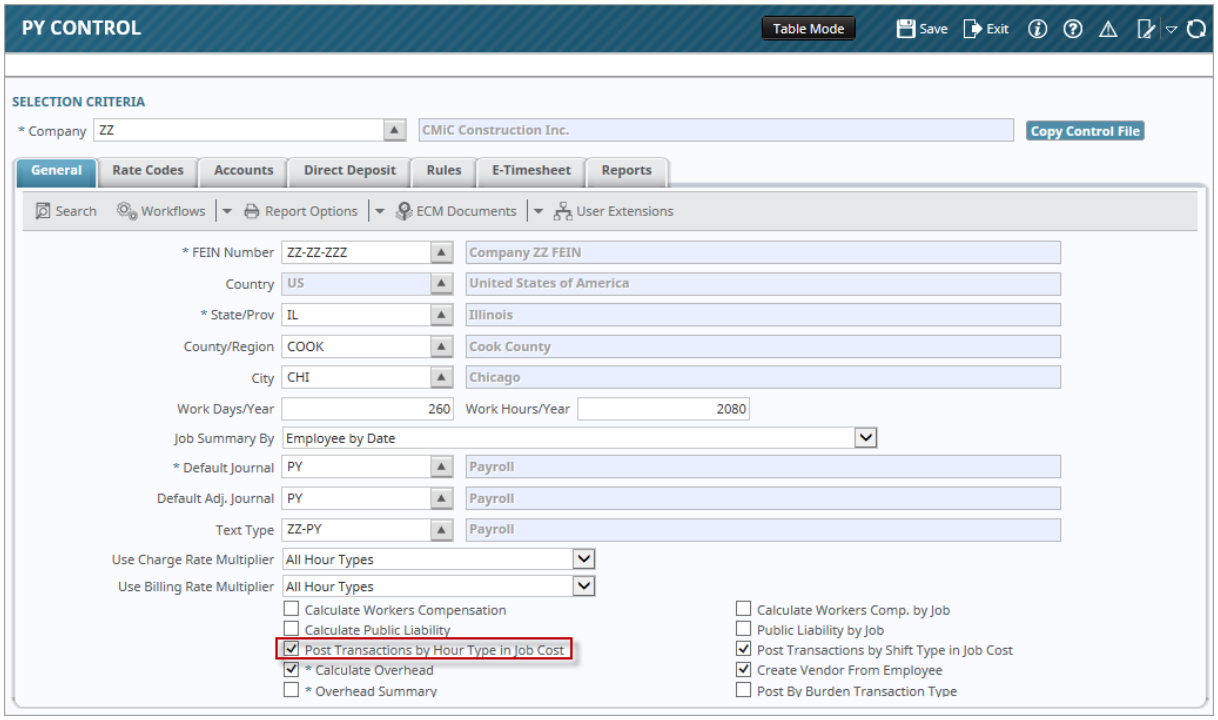
To Year: Numeric field

Note: From and To year fields will always default to current year. User can enter the year and retrieve data for the specific year.

View Results - Button

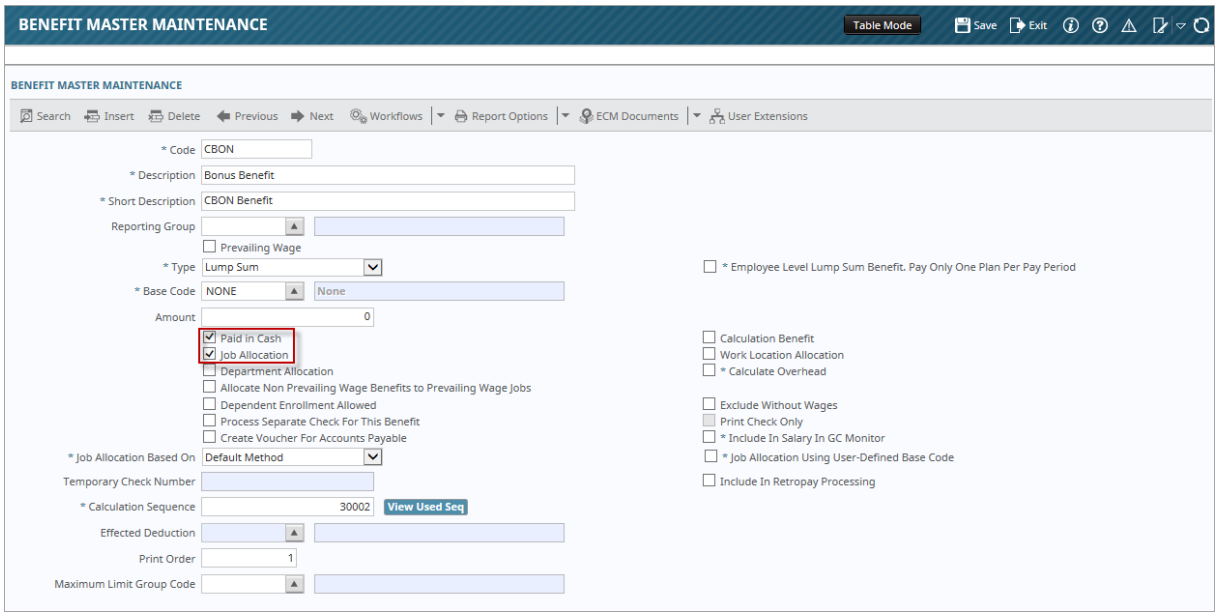
Step 1: PY Company Control Setup

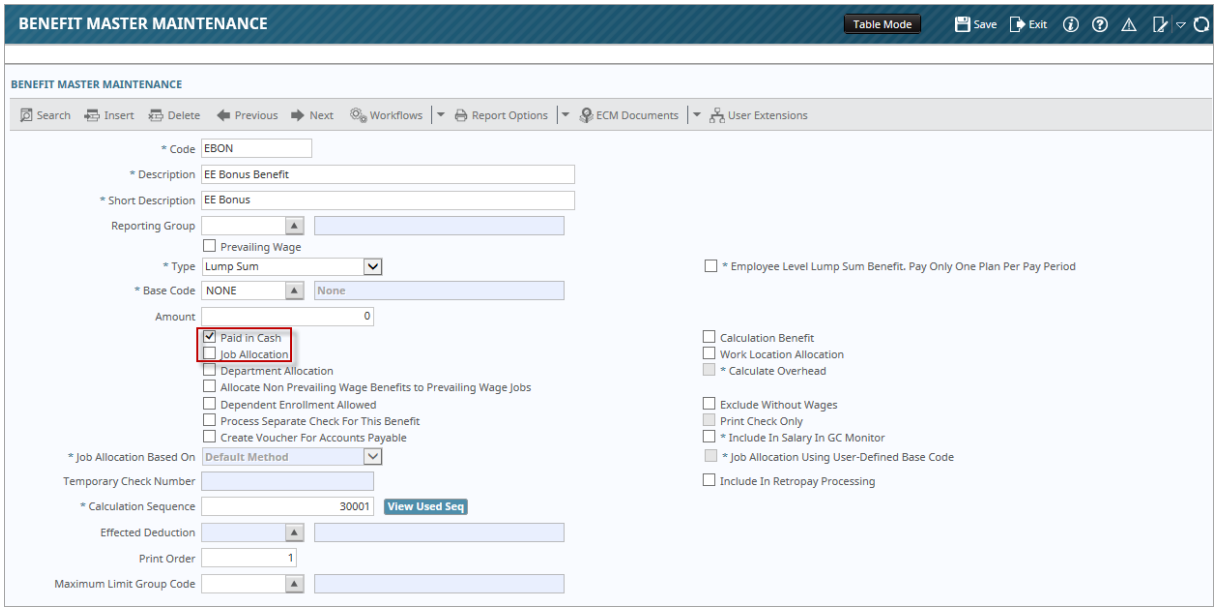
Company Control: Post Transaction by Hour Type in Job Cost Flag should be checked.

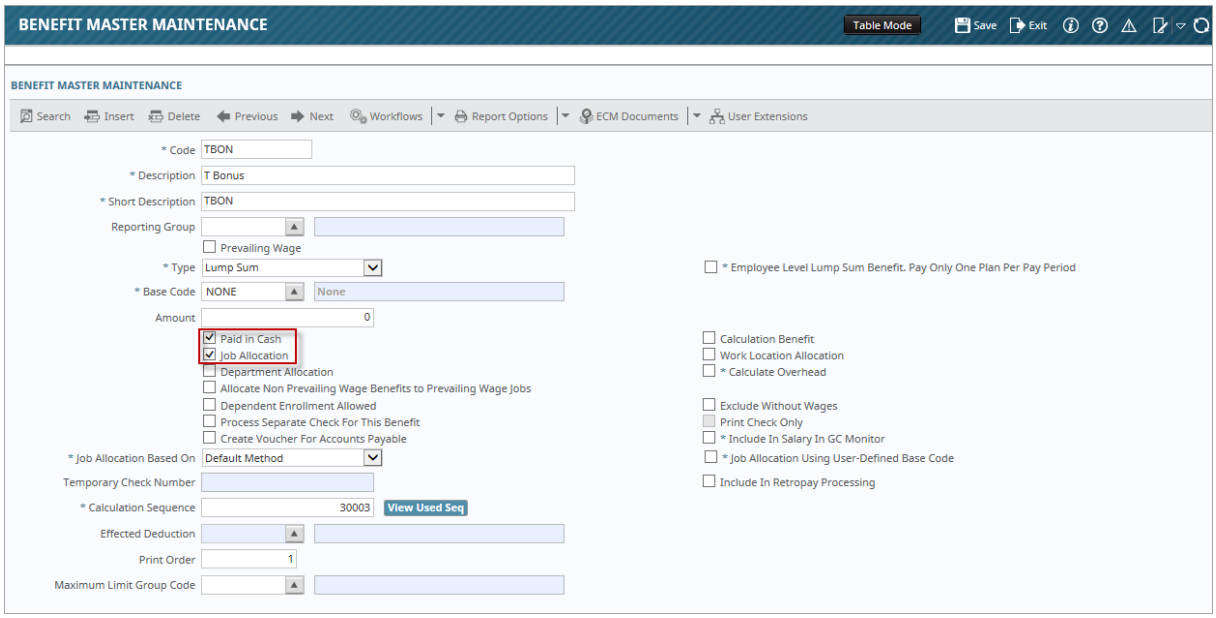


Step 2: PY Master Benefit Setups

Created three new bonuses. Bonuses with Job allocation flag enabled and disabled.




BENEFIT MASTER MAINTENANCE
Table Mode
Save
Exit
BENEFIT MASTER MAINTENANCE
Search
Insert
Delete
Previous
Next
Workflows
Report Options
ECM Documents
User Extensions
* Code
EBON
* Description
EE Bonus Benefit
* Short Description
EE Bonus
Reporting Group
Prevailing Wage
* Type
Lump Sum
* Base Code
NONE
None
Amount
0
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
30001
View Used Seq
Effected Deduction
Print Order
1
Maximum Limit Group Code
* 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


BENEFIT MASTER MAINTENANCE
Table Mode
Save
Exit
BENEFIT MASTER MAINTENANCE
Search
Insert
Delete
Previous
Next
Workflows
Report Options
ECM Documents
User Extensions
* Code
TBON
* Description
T Bonus
* Short Description
TBON
Reporting Group
Prevailing Wage
* Type
Lump Sum
* Base Code
NONE
None
Amount
0
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
30003
View Used Seq
Effected Deduction
Print Order
1
Maximum Limit Group Code
* 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

Step 3: HCM File Maintenance – HR Benefit Master Screen

The two newly created Bonus Benefits should now display on the JSP HR Benefit Master Screen. The New Benefit Master Maintenance JSP screen will be available and maintainable via the HCM JSP under File Maintenance.

Note: Other benefits and bonuses from PY and HR Master Benefit screen in FORMS are also feeding into the new JSP HCM HR Benefit Master Screen

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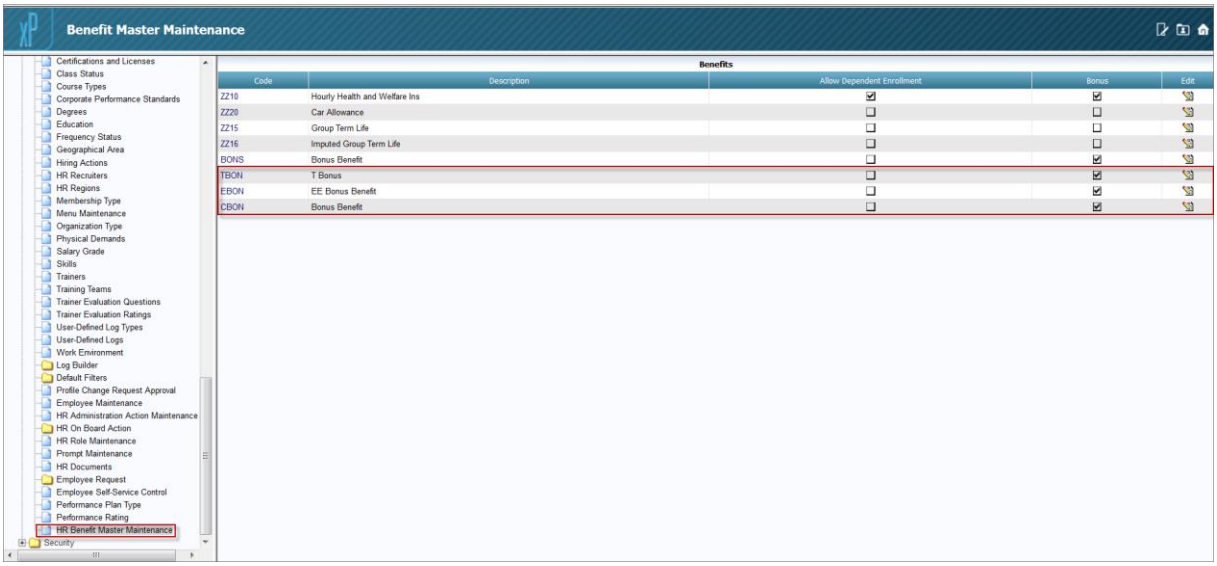
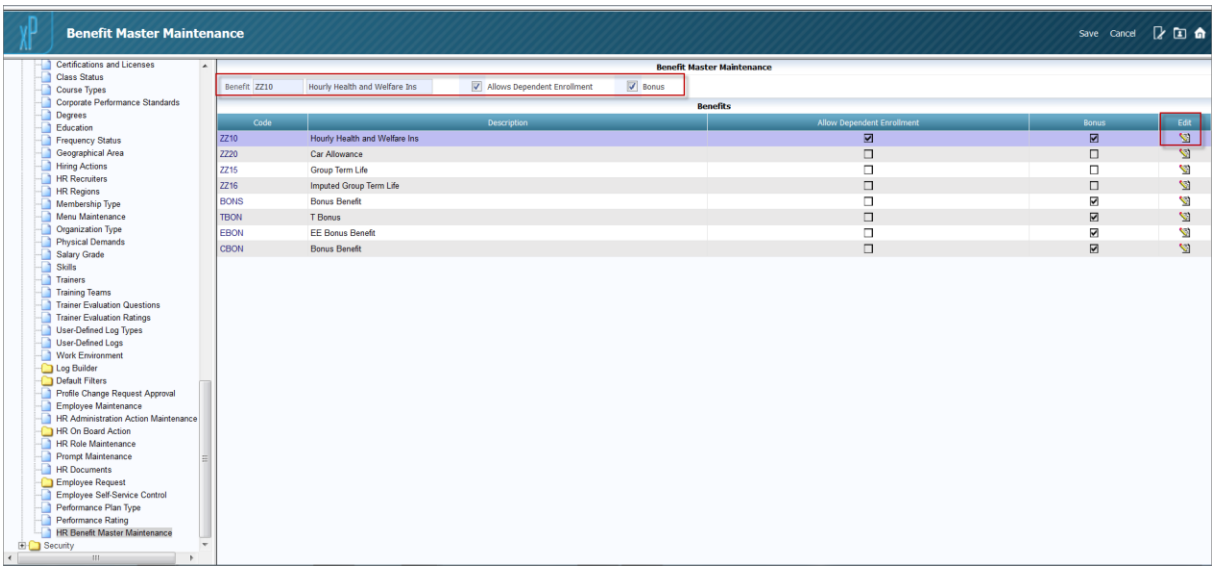
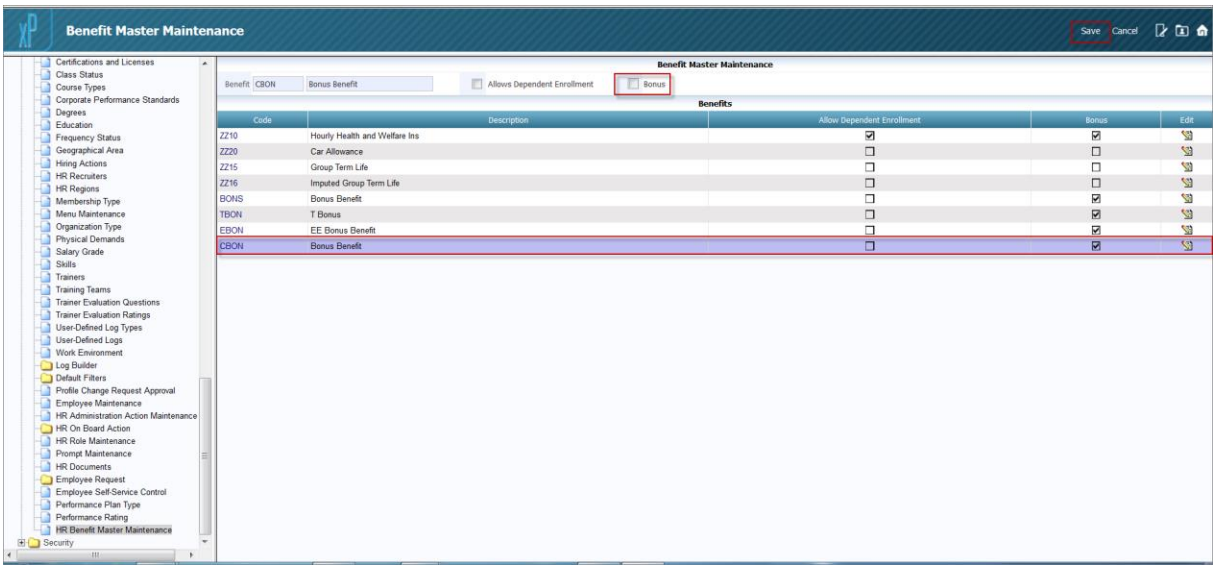
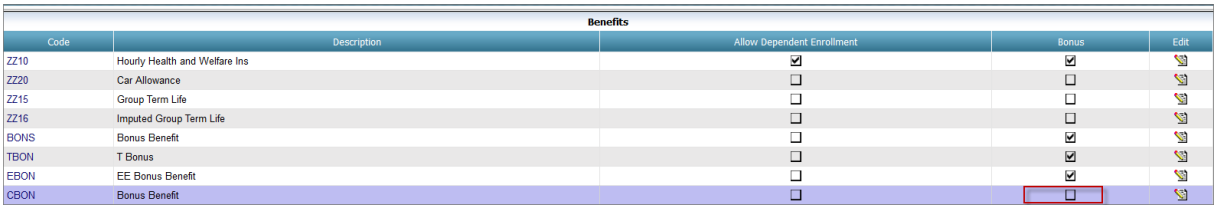


User can selec the [Edit] Log Button to check and uncheck flag.

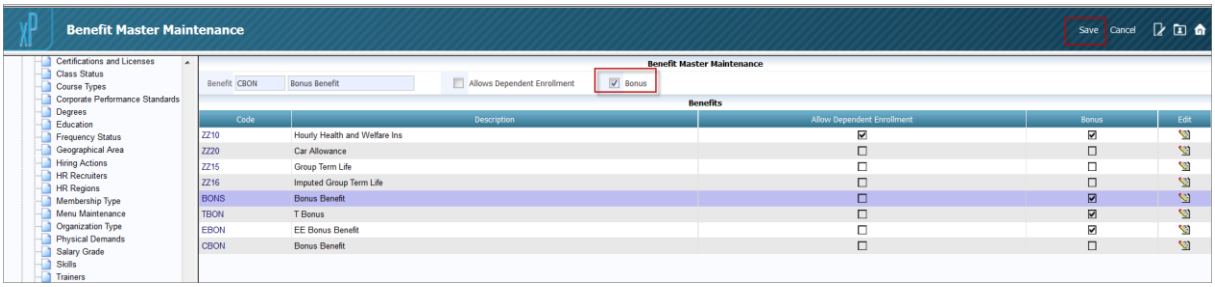




Unchecked Bonus flag and saved. CBON Bonus flag is disbaled.



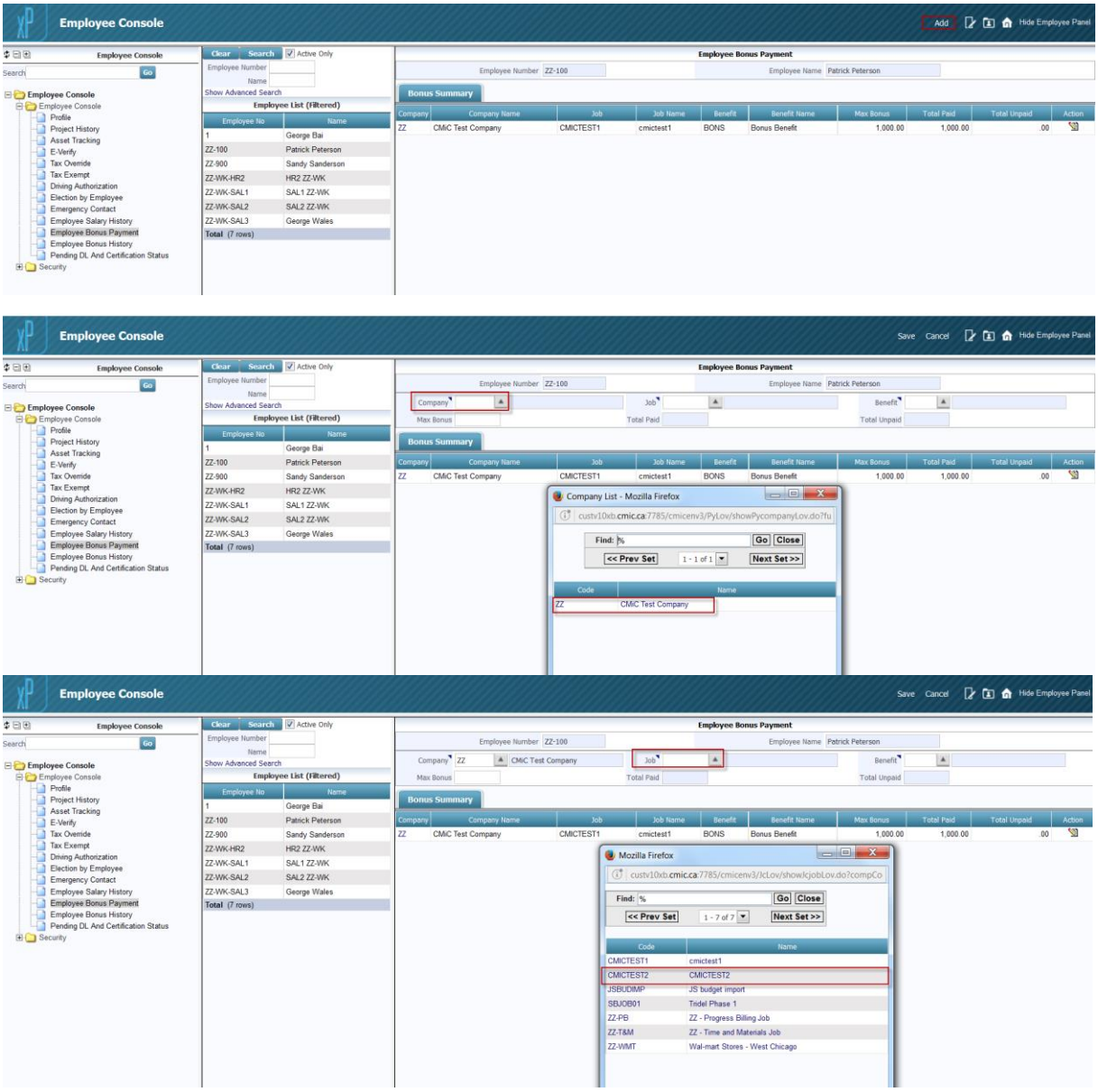
Check Flag for Bonus will mark the EBON Code with description EE Bonus Benefit as Bonus.

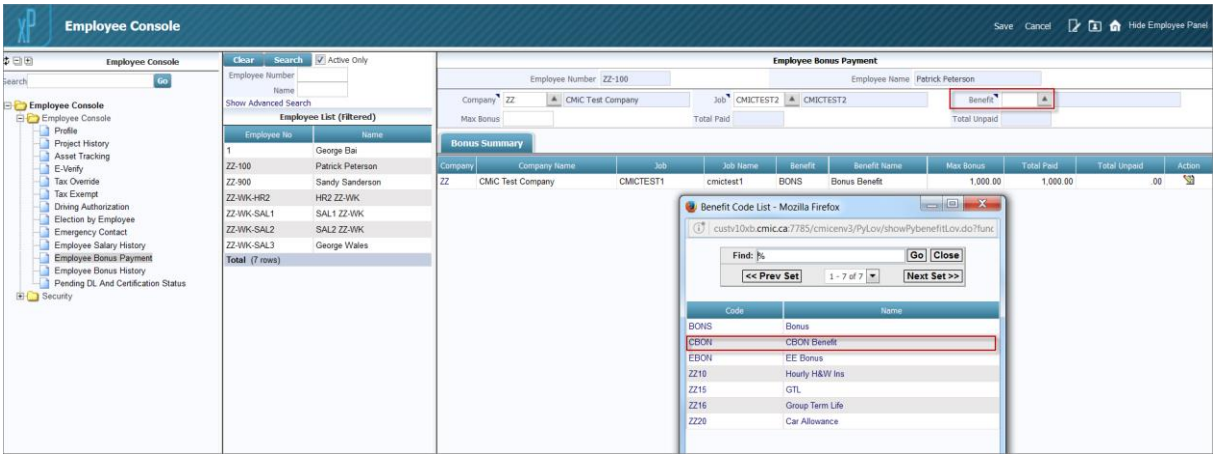


Step 4: Employee Console – Employee Bonus Payment

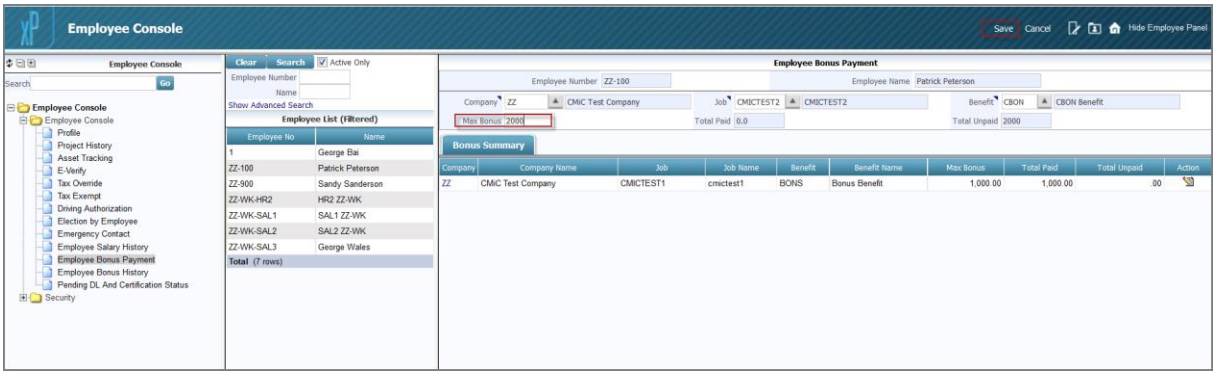
Employee Bonus Payment program is a relabel of the existing Employee Bonus History screen. There will be no change to program code and functionality. Screen fields are the same.

Add employee bonus payment. User can only add a bonus that is job allocated on this screen.

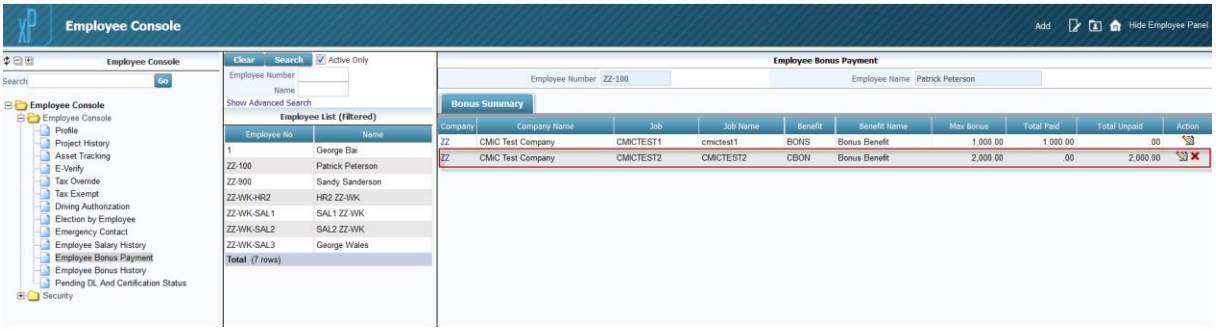




Enter Max Bonus Amount and Save record.

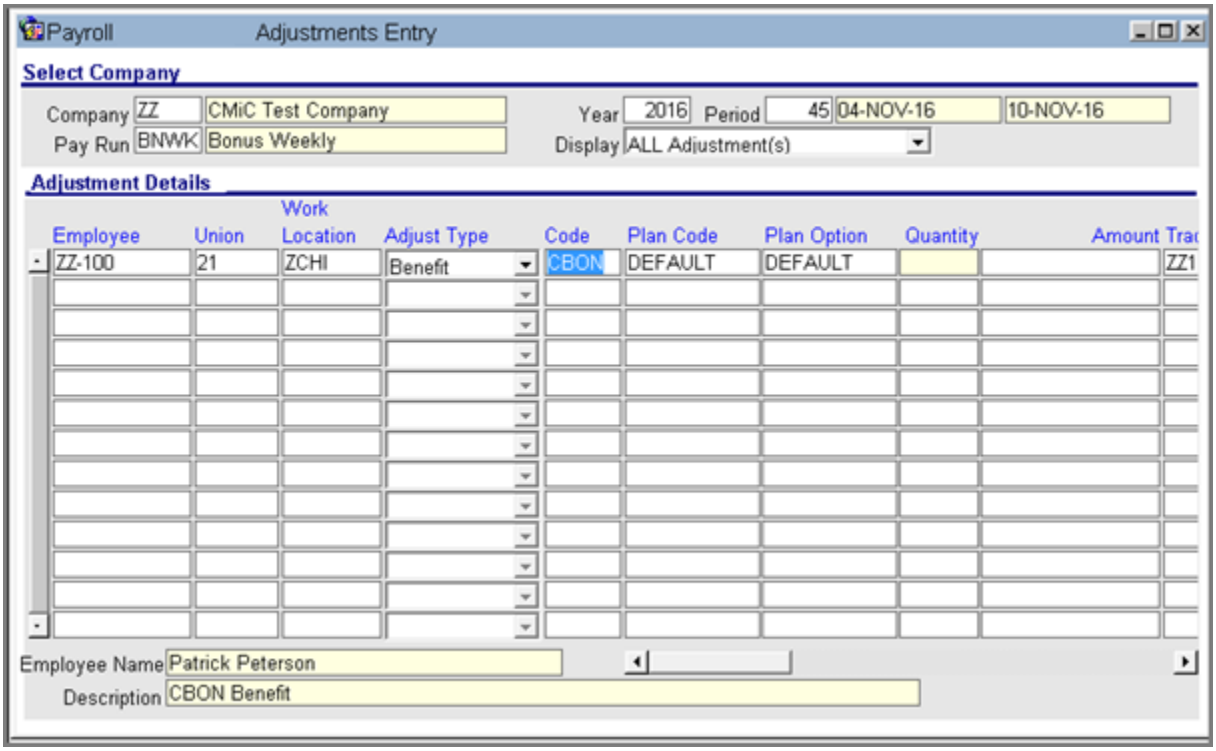


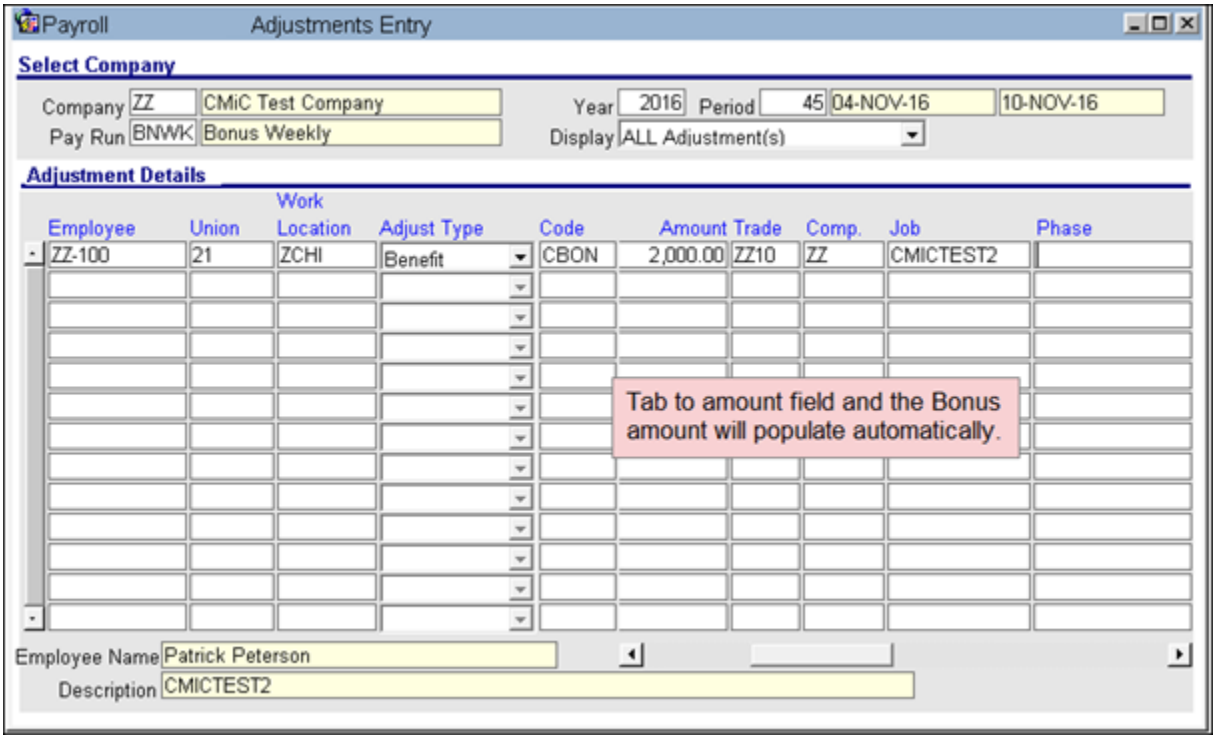
Employee Bonus Payment Record Saved

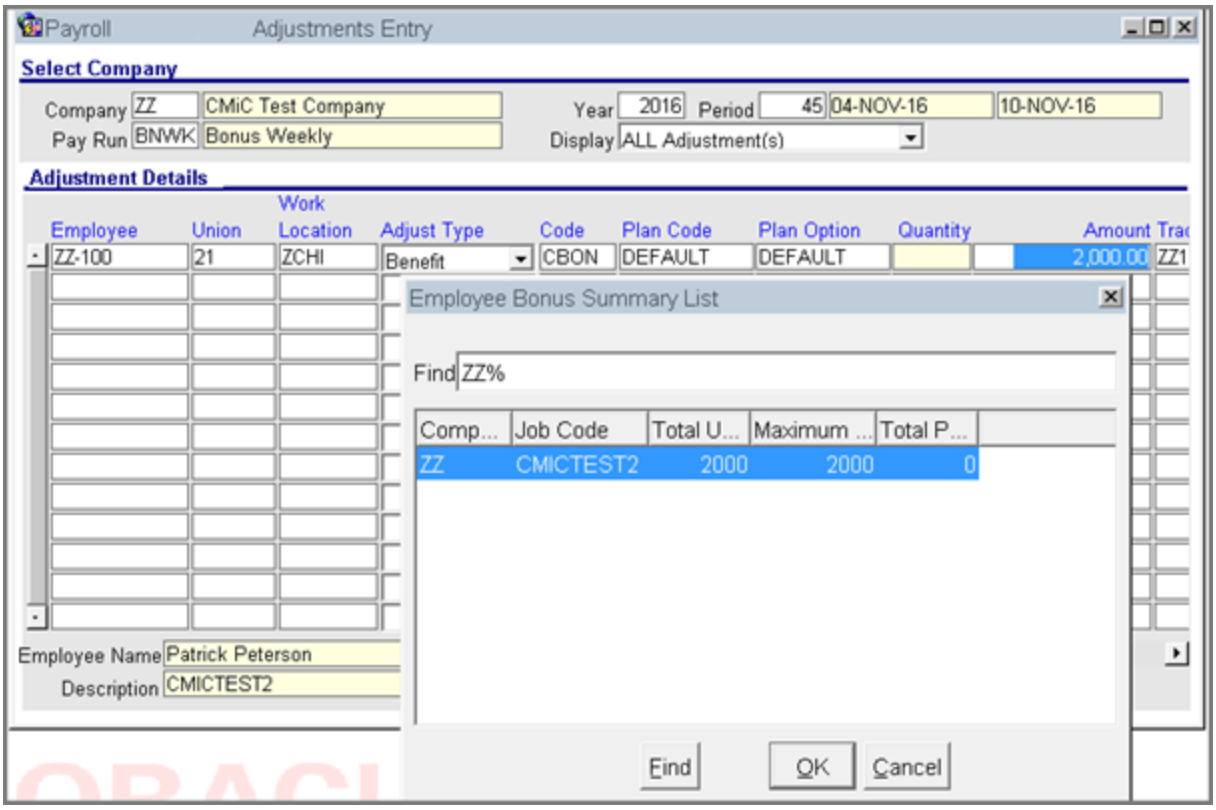


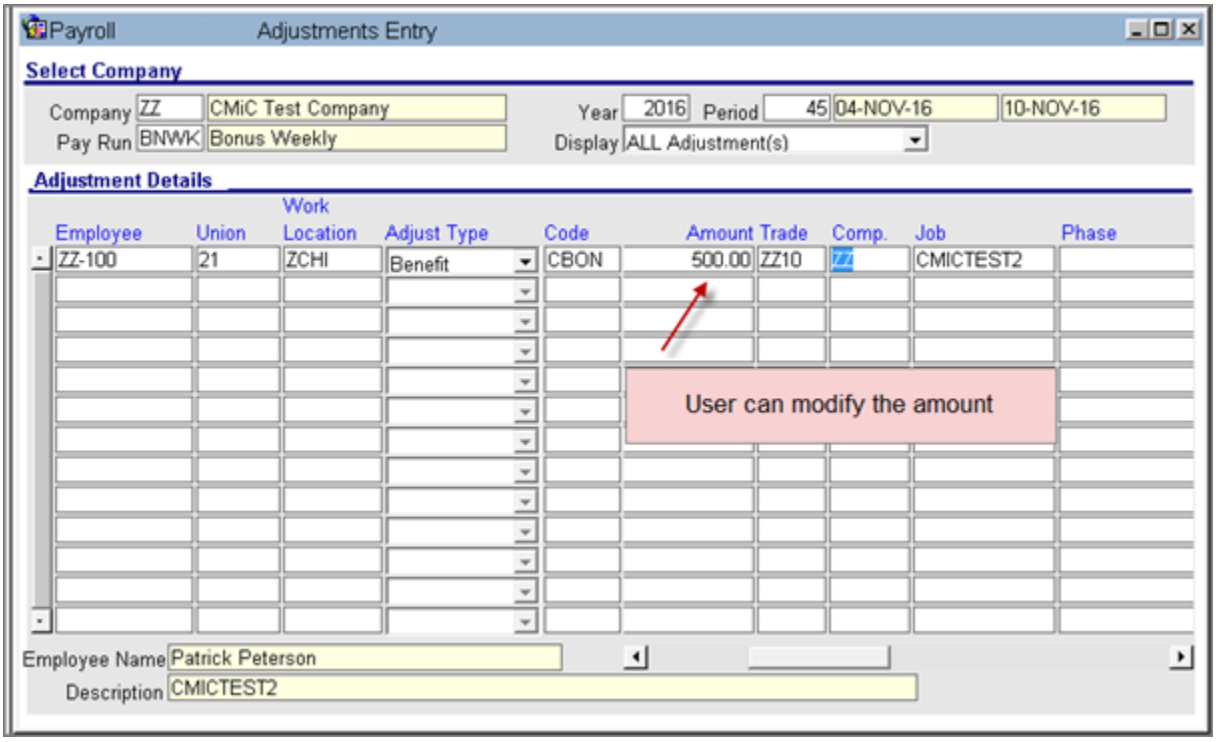
Step 5: PY Adjustment Entry Screen – Processing Bonus Pay

Process bonus payment for the employee and cut check.



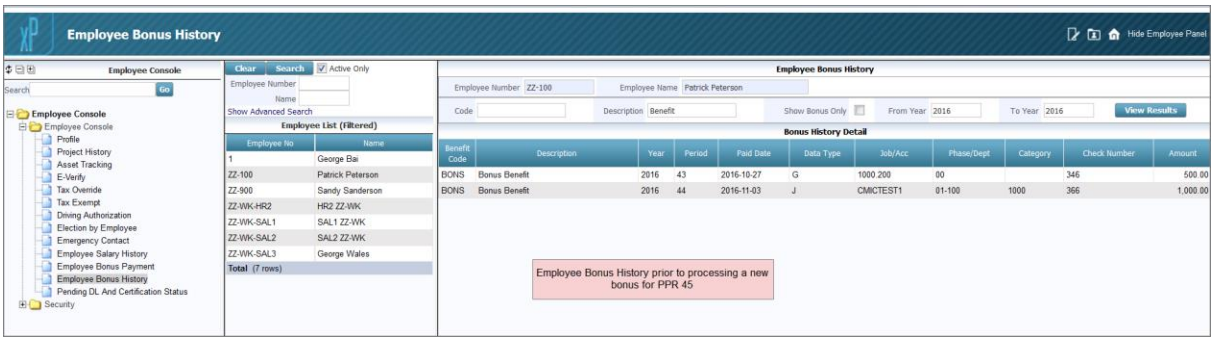



Payroll
Adjustments Entry
Select Company
Company ZZ CMiC Test Company
Pay Run BNWK Bonus Weekly
Year 2016 Period 45 04-NOV-16 10-NOV-16
Display ALL Adjustment(s)
Adjustment Details
Employee Union Work Location Adjust Type Code Plan Code Plan Option Quantity Amount
ZZ-100 21 ZCHI Benefit CBON DEFAULT DEFAULT 2,000.00
Employee Bonus Summary List
Find ZZ%
Comp... Job Code Total U... Maximum ... Total P...
ZZ CMICTEST2 2000 2000 0
Employee Name Patrick Peterson
Description CMICTEST2
Find
OK
Cancel


Payroll
Adjustments Entry
Select Company
Company ZZ CMiC Test Company
Pay Run BNWK Bonus Weekly
Year 2016 Period 45 04-NOV-16 10-NOV-16
Display ALL Adjustment(s)
Adjustment Details
Employee Union Work Location Adjust Type Code Amount Trade Comp. Job Phase
ZZ-100 21 ZCHI Benefit CBON 500.00 ZZ10 ZZ CMICTEST2
User can modify the amount
Employee Name Patrick Peterson
Description CMICTEST2

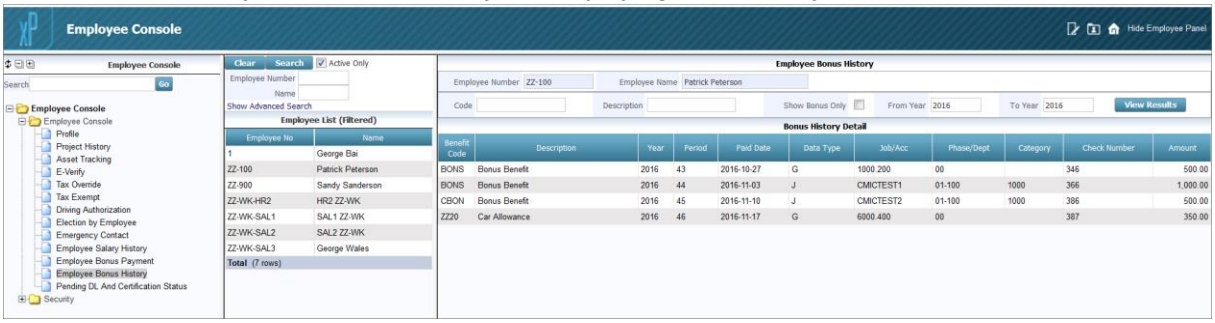
Step 6: Employee Console – Employee Bonus History

Note: Screen below displays the employee bonus history prior processing the new bonus.



After processing the new bonus via the Payroll Adjustment entry screen. User can review the bonus history in the 'Employee Bonus History' screen in HCM.

The screen will always default to current year, displaying the current year transactions.



The 'Employee Bonus History' program will consider the new created 'Bonus' flag added to the Benefit Master table. User can view transactions by using the new added fields. User can also filter and view transactions by using the Benefit Column fields on the header. The Employee Bonus Program is log with an option enabling user to filter and sort bonus history. User can view transactions by using the new fields. The following fields allow users to filter and view benefits:

Code: Free format text field

Description: Free format text field

Show Bonus Only – Check Box

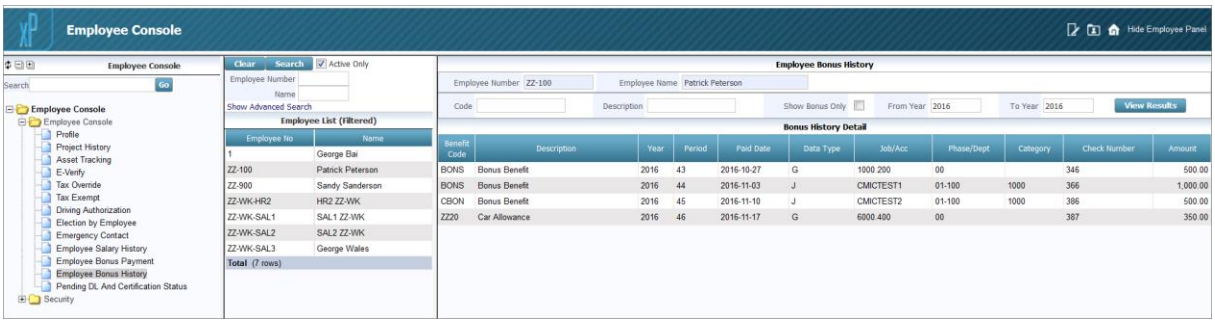
From Year: Numeric field

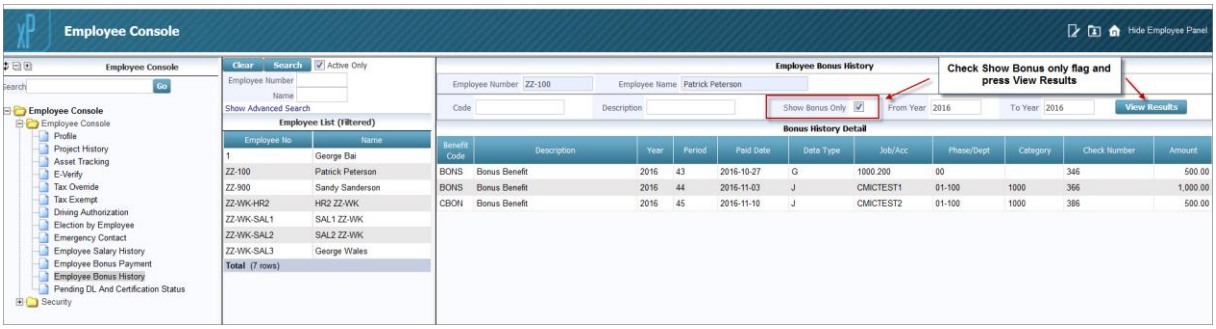
To Year: Numeric field

Note: From and To year fields will always default to current year. User can enter the year and retrieve data for the specific year.

View Results – Button

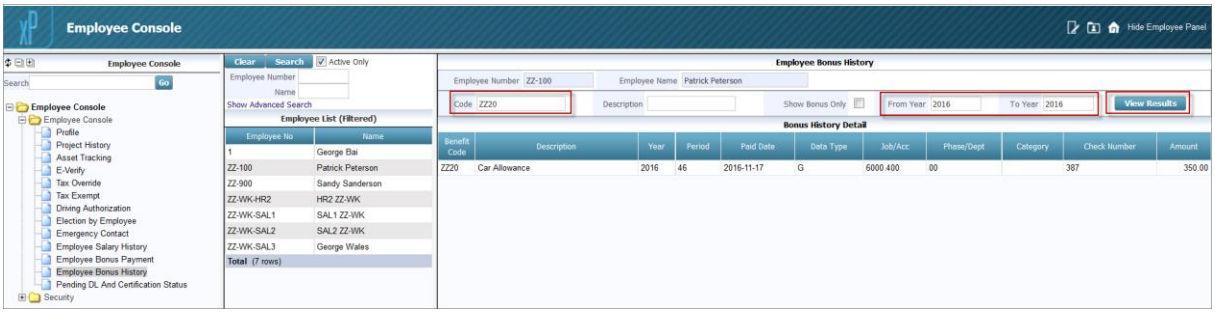
Show Bonus Only – Check Box





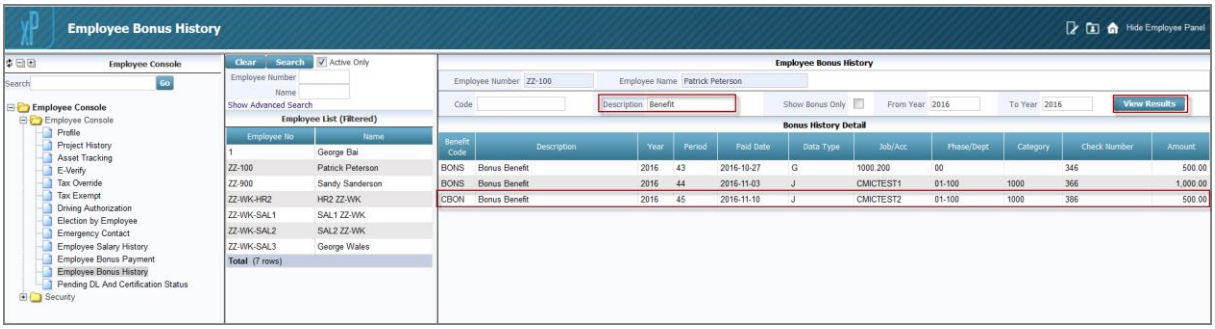
View transaction by Code: User can type benefit code in the ‘Code’ field as free form text.

Note: There is no LOV selection.



View transaction by Description: User can type benefit description in the ‘Description’ field as free form text.

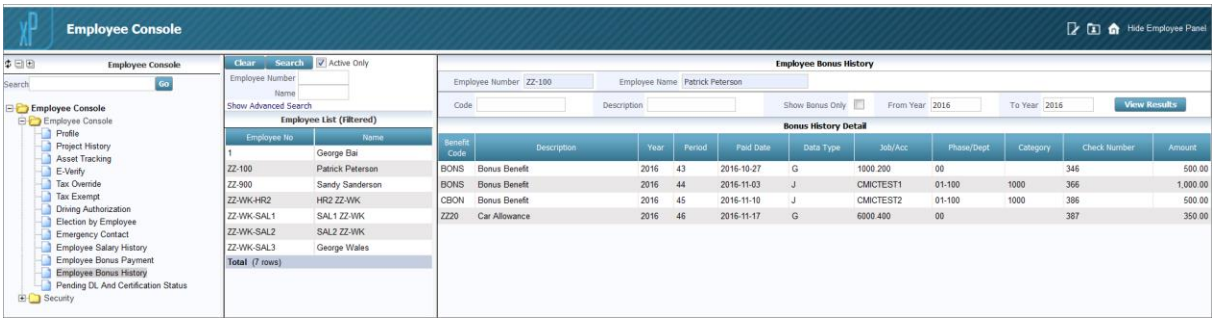
Note: There is no LOV selection.

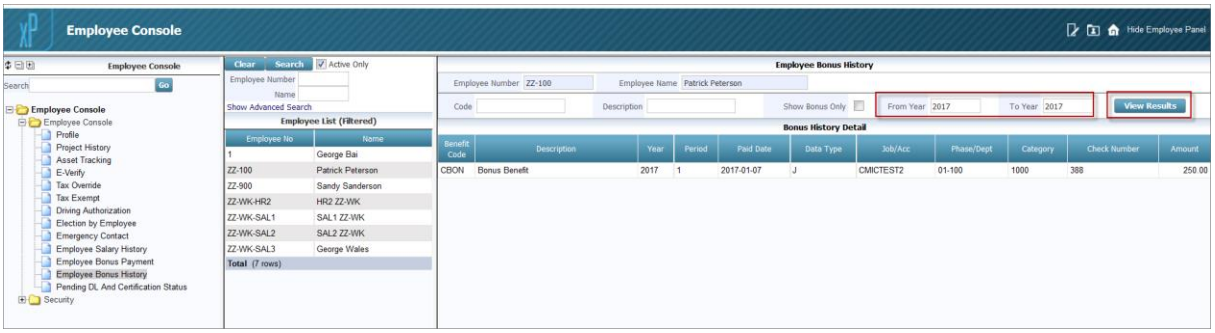


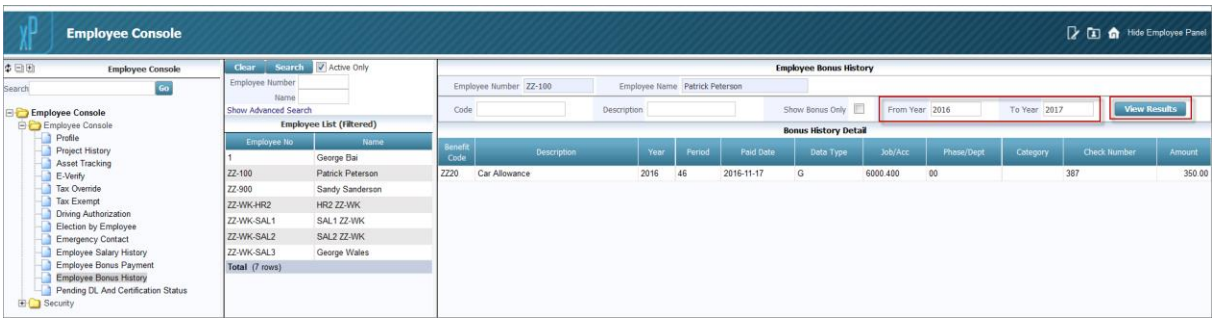
View transaction From Year to Year: User can type From and To Year as free form text.

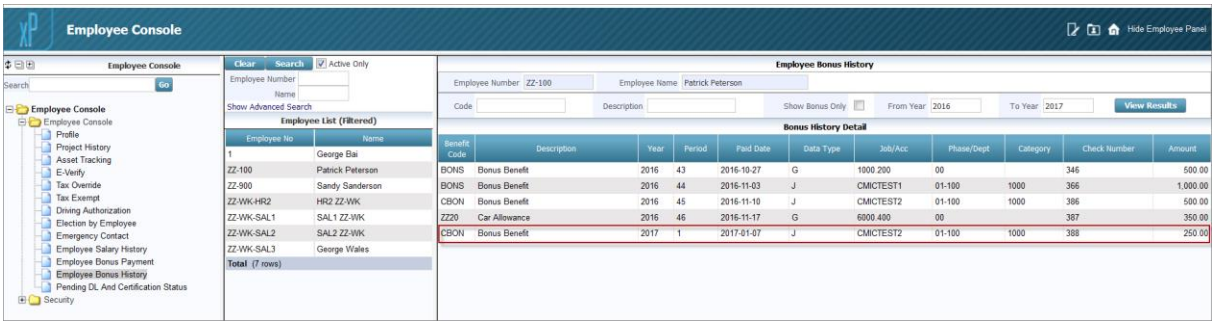
The screen will always default to current year, displaying the current year transactions.

Note: There is no LOV selection. View Results for transactions in year 2017.



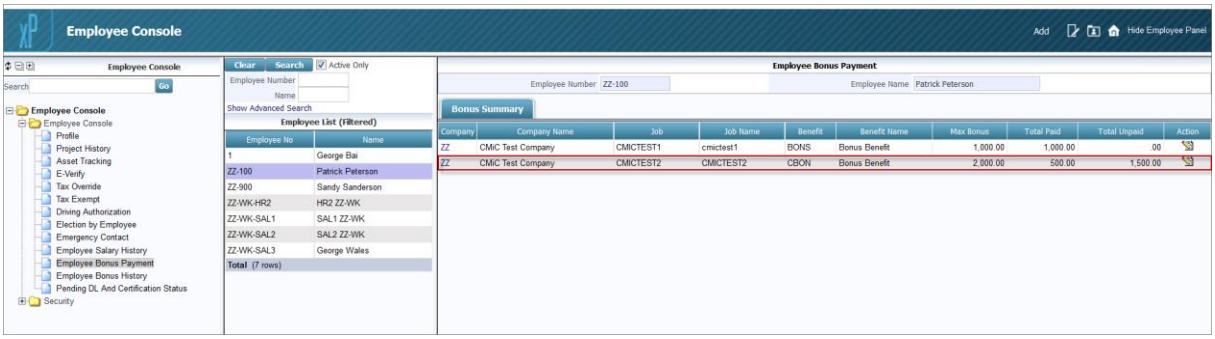






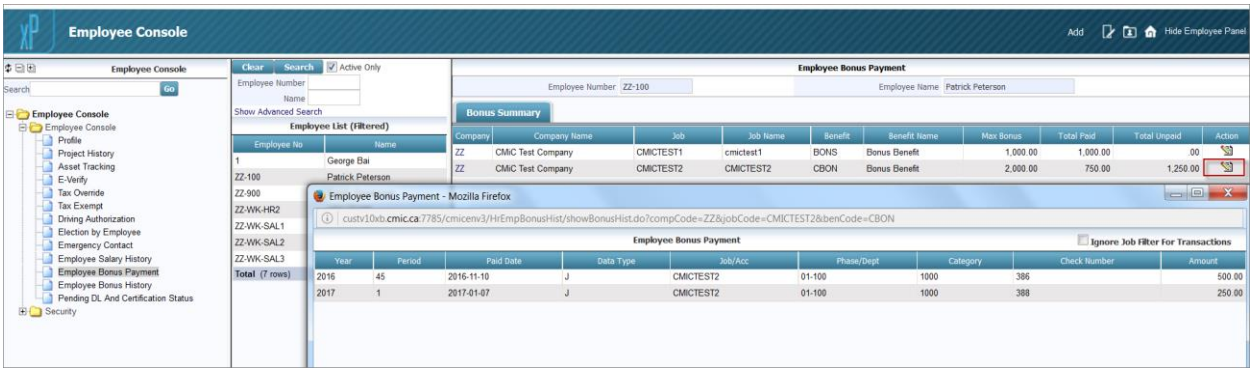
Step 7: Employee Console – Employee Bonus Payment Log

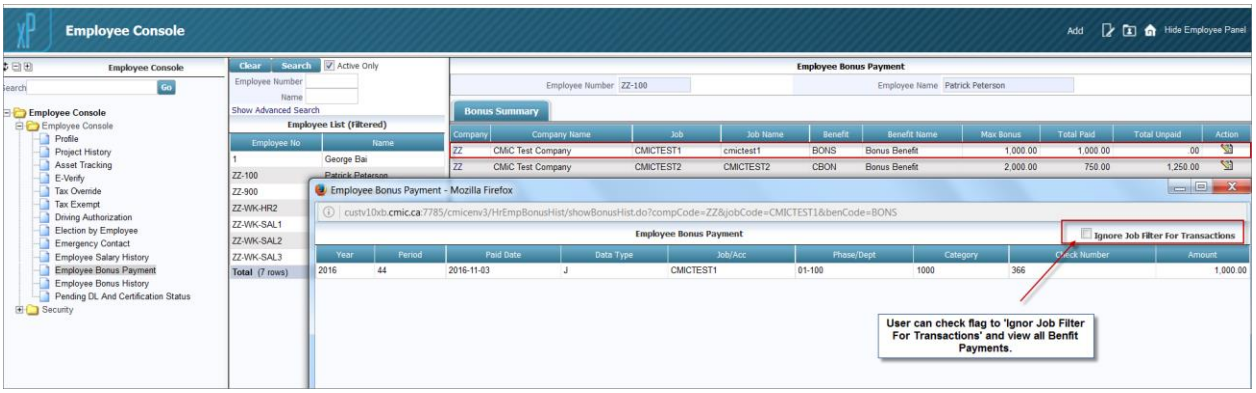
Employee Bonus Payment will now display the Total Paid and Total Unpaid amounts under the employee bonus summary tab.

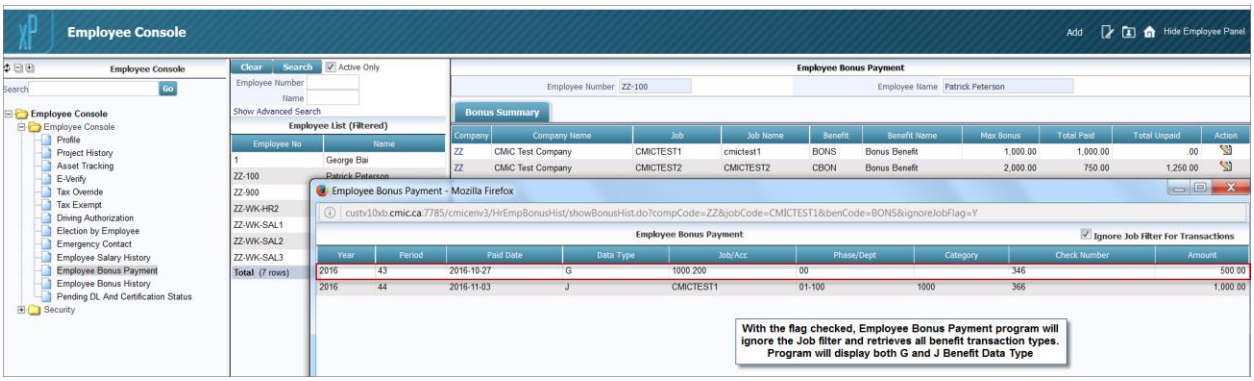


After processing 2017 Bonus payment

User can select the log button under [Action] column to view the details of the payment.





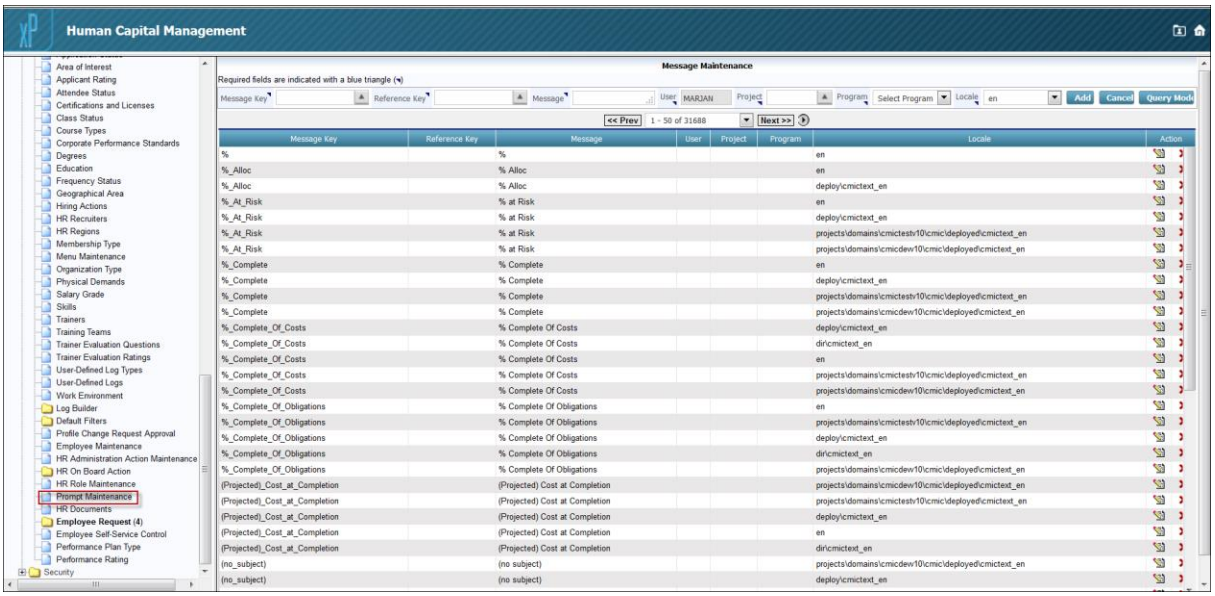


Employee Self Service

Ability to change verbiage on Change Benefit in Open Enrollment within Employee Self Service (16.24089)

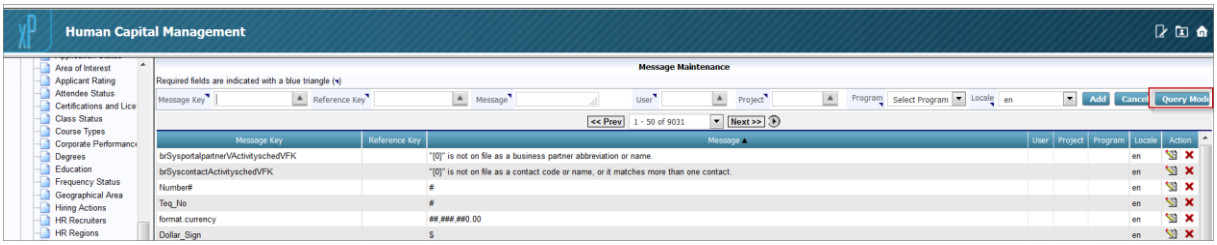
Overview: Ability to change verbaige on Change Benefit Option screen in open enrollment program within Employee Self Service (ESS) via 'Prompt Maintenance' screen in HCM.

CMiC has modified the Open enrollment program within employee self service to allow users to change headings through prompt maintenace for all hard-coded text.
Human Capital Management > File Maintenance > Prompt Maintenance Screen



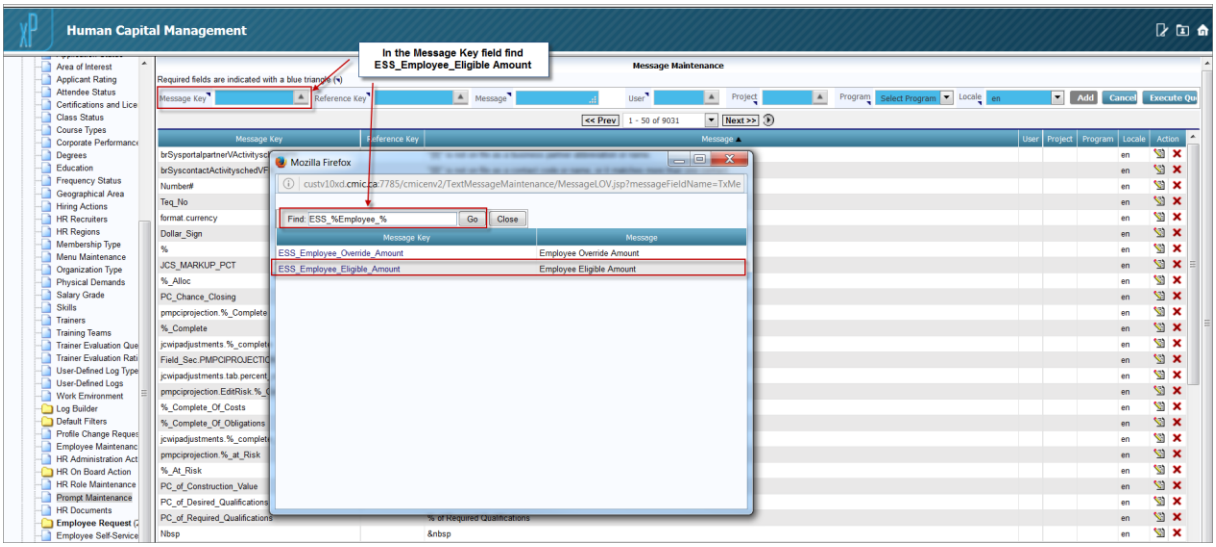
Step 1: HCM – File Maintenance > Prompt Maintenance Screen

Go to HCM > File Maintenance, under ‘Prompt Maintenance’ screen, and select Query Mode.

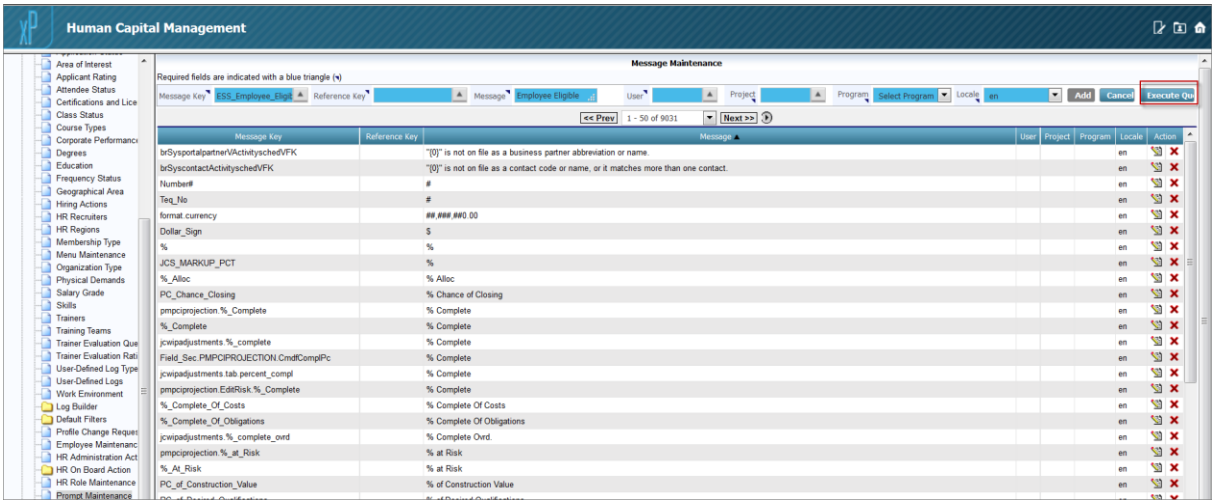


Message Key is ‘ESS_Employee_Eligible_Amount’.

In the Message Key field search for ESS_Employee_Eligible_Amount as shown below. Then select the message key.

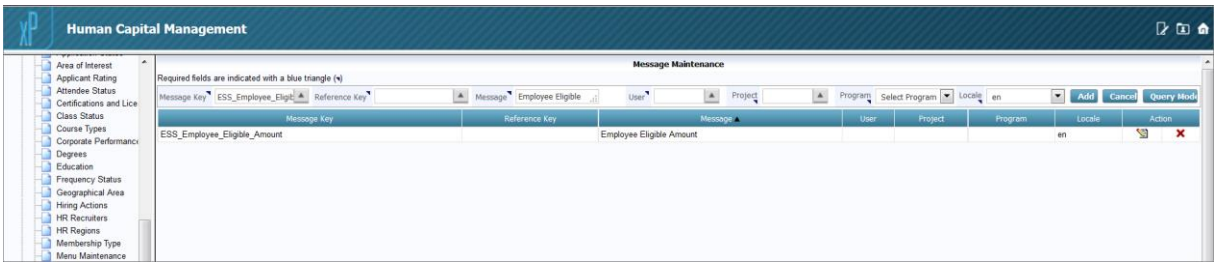


Select the Message Key ‘ESS_Employee_Eligible_Amount’ and click on ‘Execute Query’ button to execute the query for the Message Key.



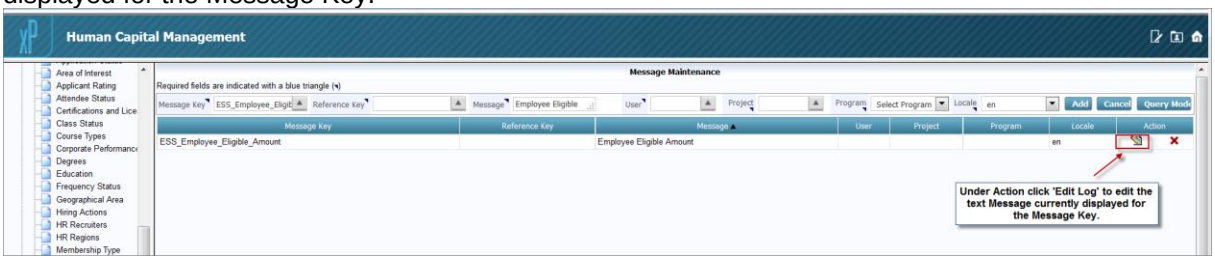
Execute query below:

The Message Key is ‘ESS_Employee_Eligible_Amount’ and the Message is ‘Employee Eligible Amount.

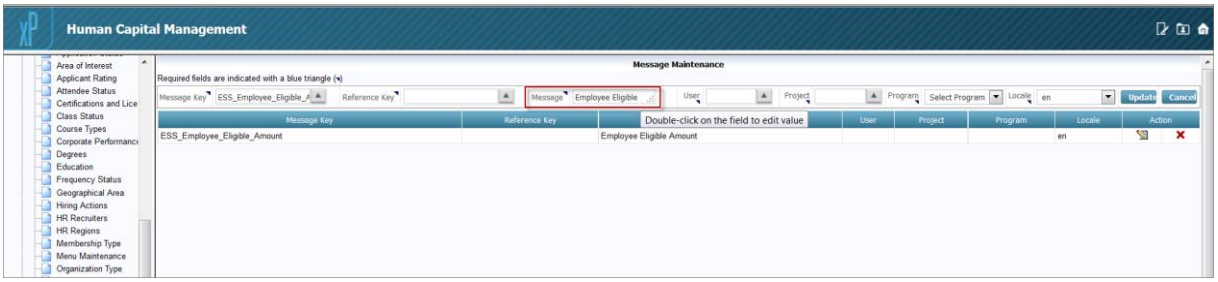


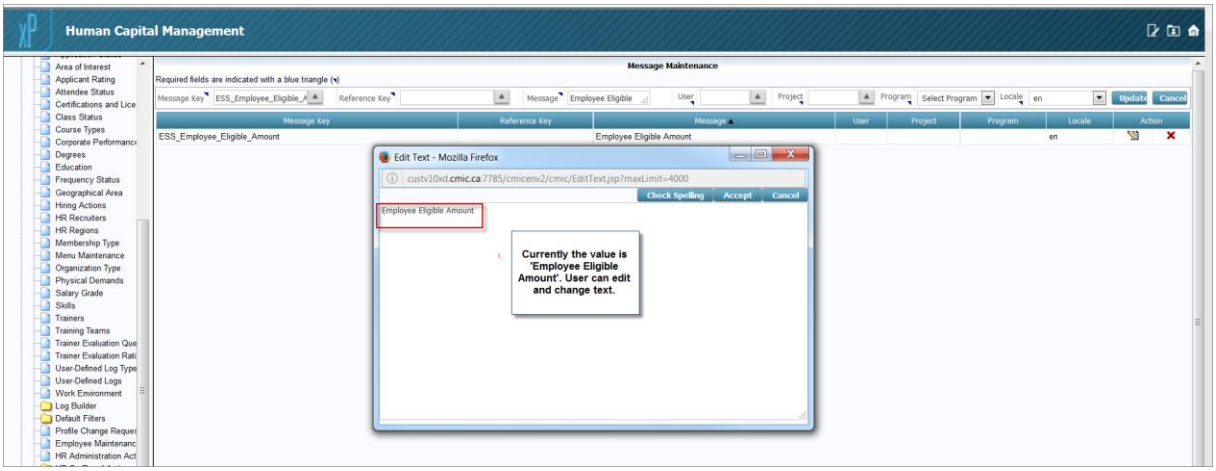
Step 2: Edit/Change ‘Message’ verbiage – Prompt Maintenance

Edit the Message text display: Under Action click 'Edit Log' to edit the text Message currently displayed for the Message Key.

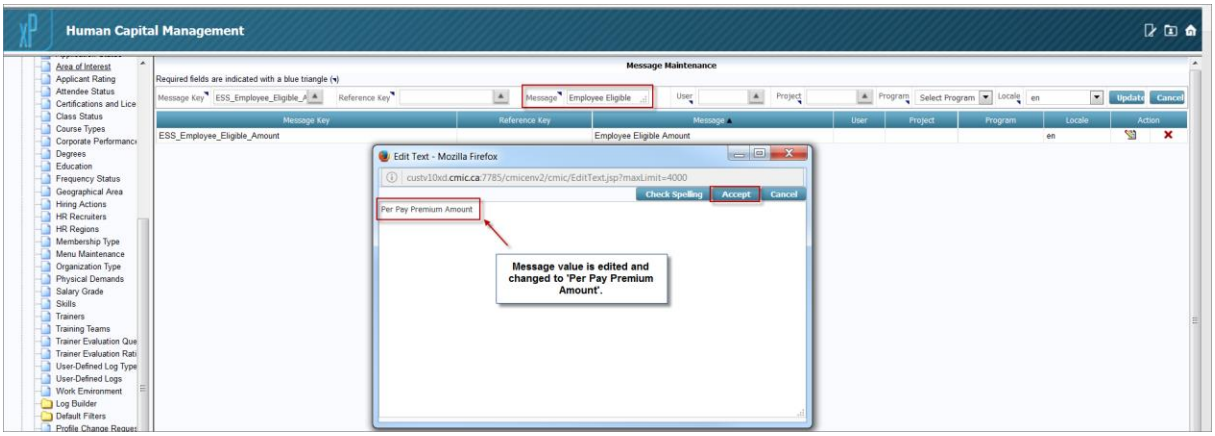


To edit the Message, Double Click on the Message field to edit value.



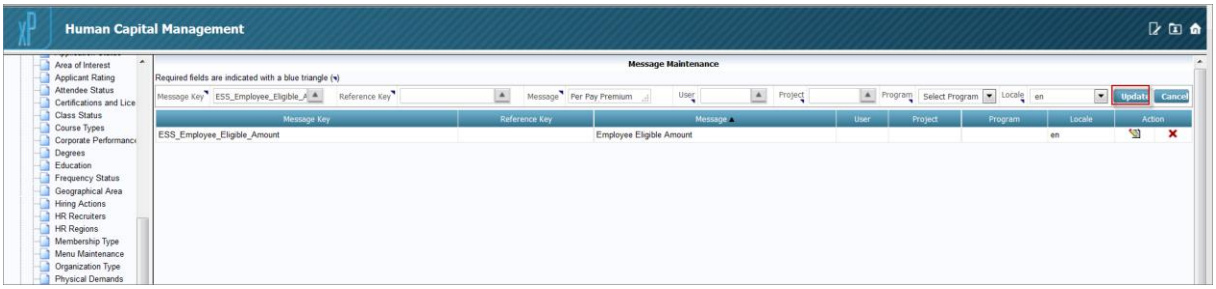


Message value is edited and changed to 'Per Pay Premium Amount'. Accept the change maded.

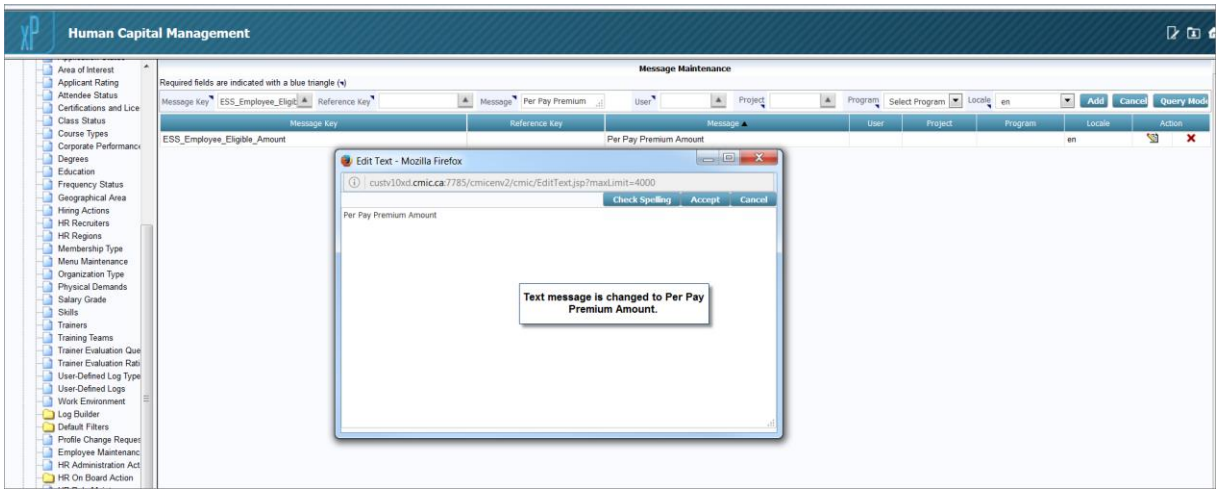


Step 3: Update Change – Prompt Maintenance

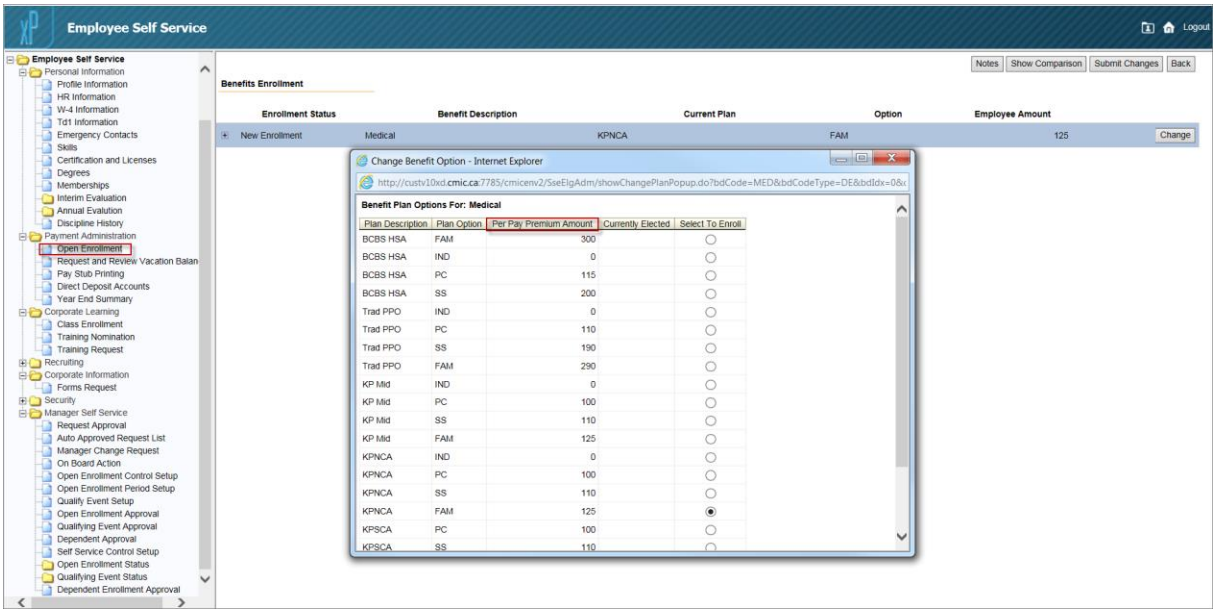
Once the change is accepted, user has to click on the ‘Update’ button to update the change.



Go back to Query Mode and Execute Query for the Message Key ‘ESS_Employee_Eligible_Amount’ to verify the update made.



Open Enrollment now displays the column as Per Pay Premium Amount.

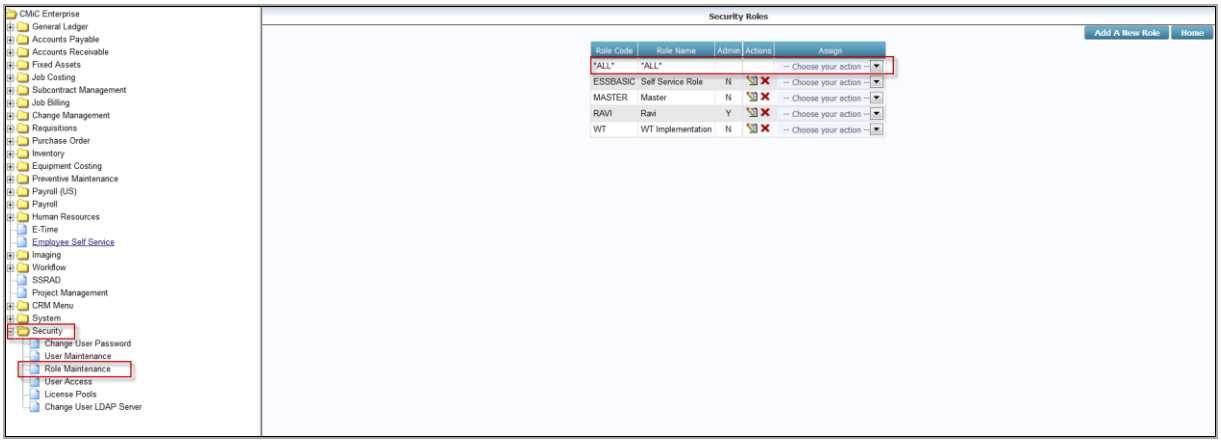


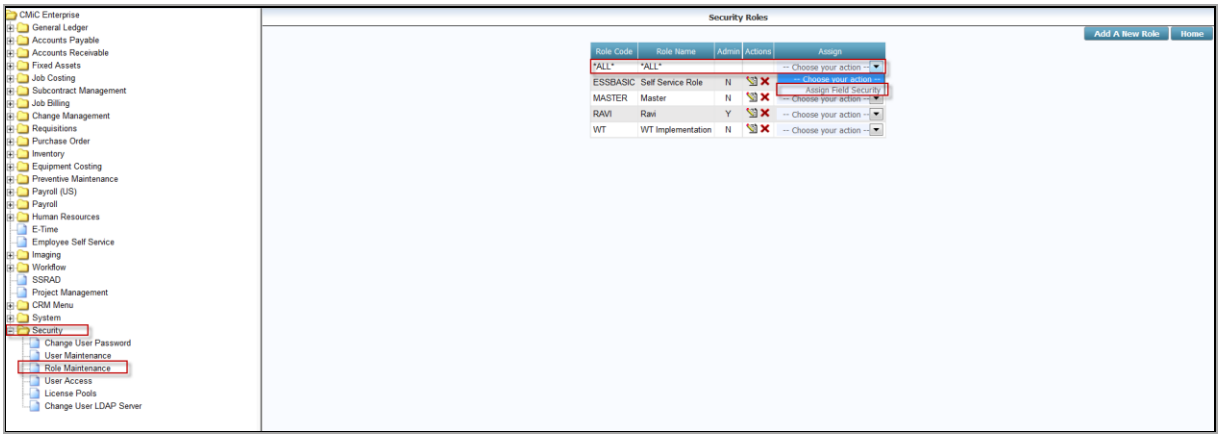
Modification to Open Enrollment Program- Adding Field Security
(16.24187)

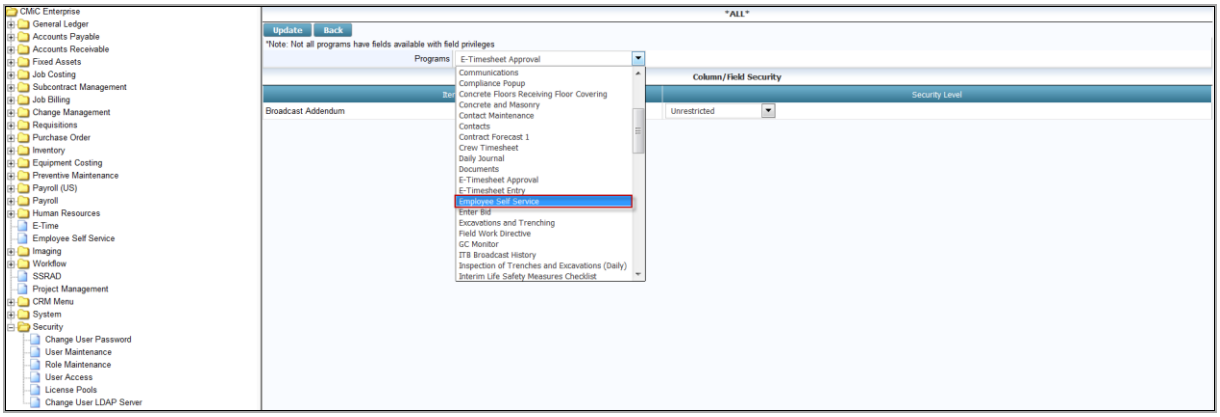
Overview: Field Security . The ability to hide the column ‘Total Amount’ and ‘Employer Amount’ in ESS Application Open Enrollment benefit CMiC has made modifications to Open Enrollment program to allow users to hide ‘Total Amount’ and ‘Employer Amount’ column by field security under Role Maintenance.

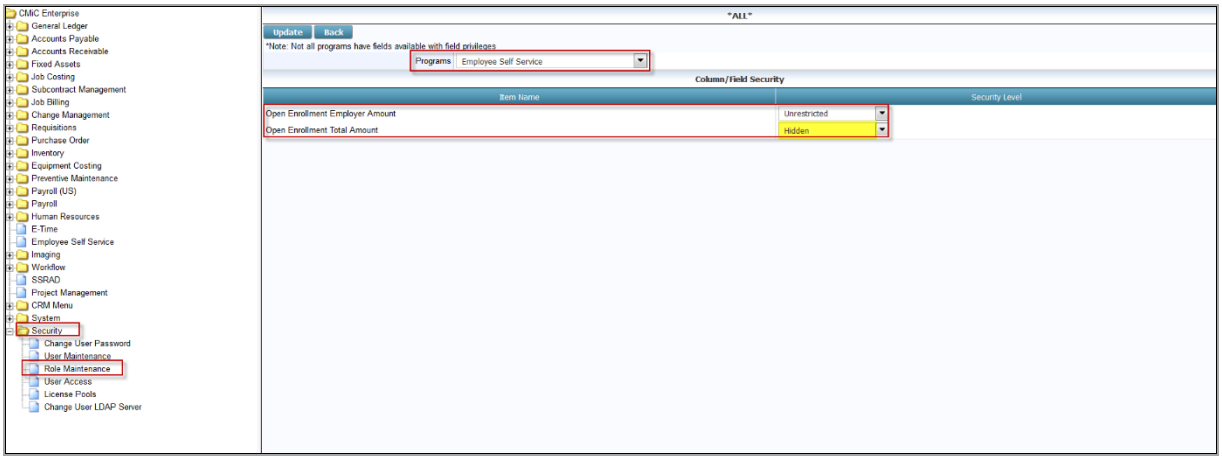
Security and Role Maintenance

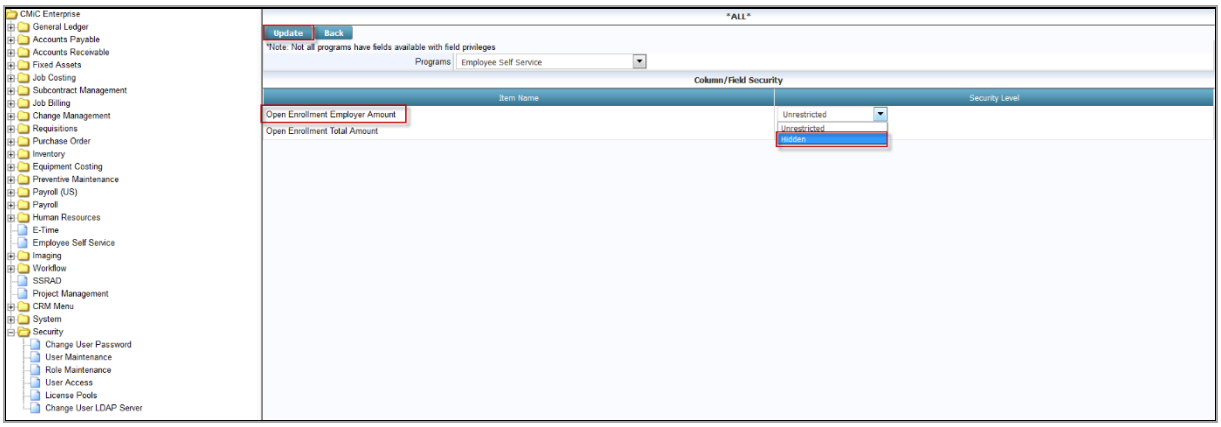
Users are now able to restrict and hide ‘Total Amount’ and ‘Employer Amount’ column through Role Maintenance and field security.





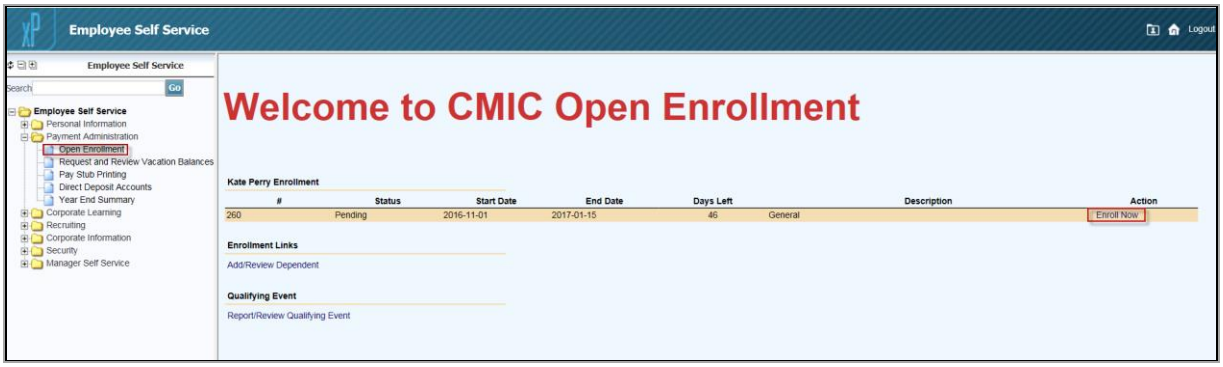


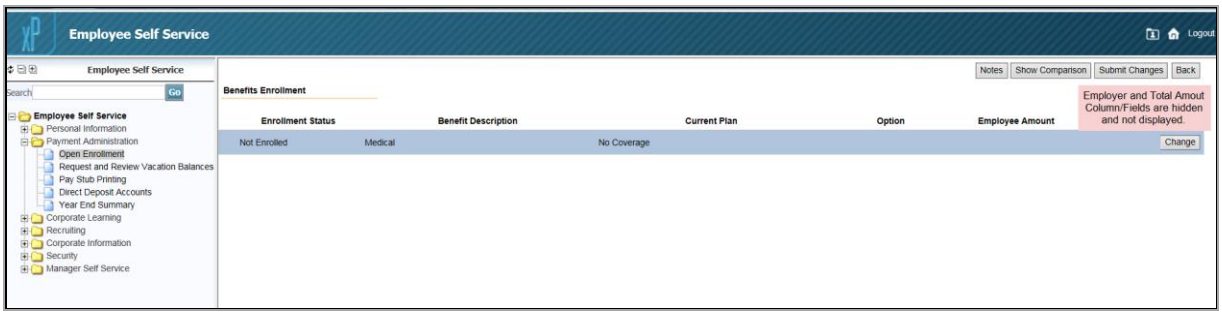


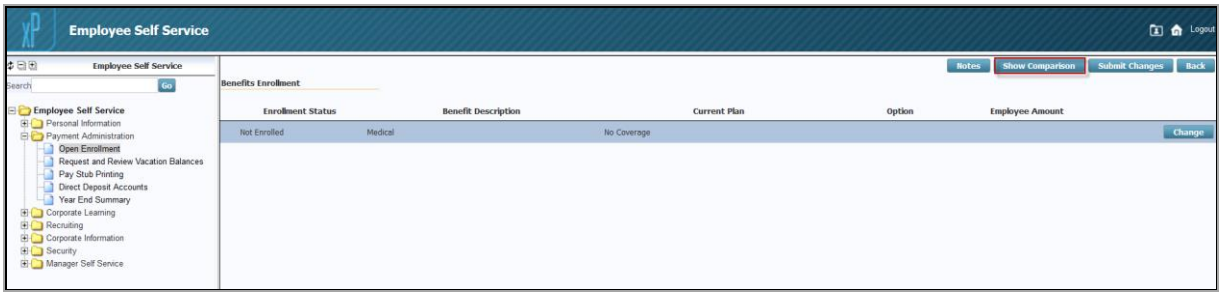


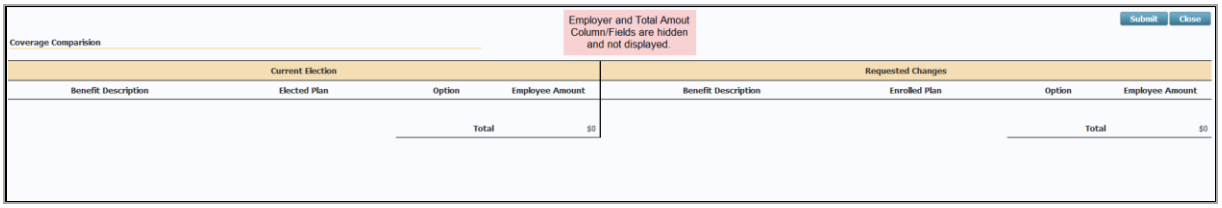
ESS Application – Open Enrollment

Log into ESS Application: Under Payment Administration > Open Enrollment, Select Enroll Now

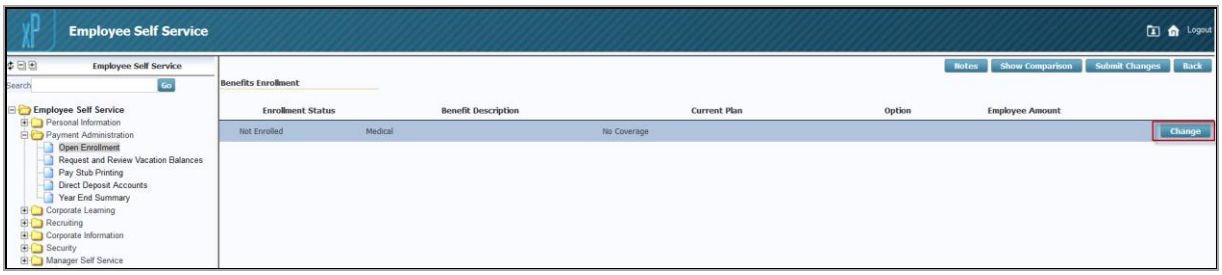








Click Changes button to verify the column display.



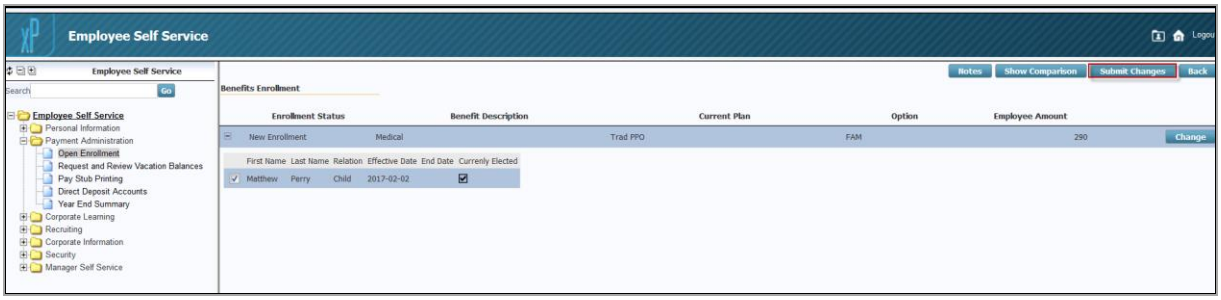
Benefit Plan Options For: Medical

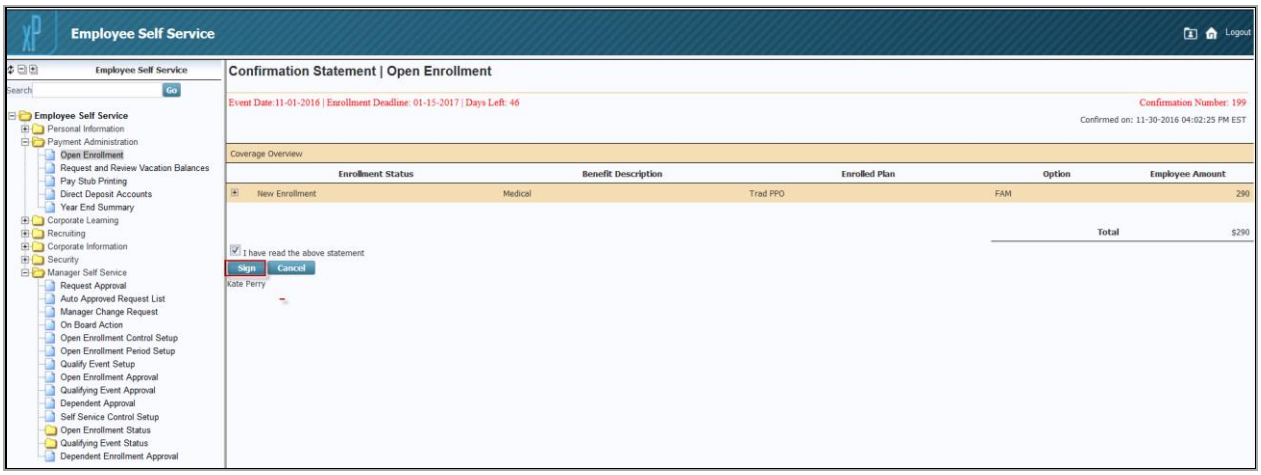
Plan Description	Plan Option	Employee Eligible Amount	Currently Elected	Select To Enroll
BCBS HSA	FAM	300		
BCBS HSA	IND	0		
BCBS HSA	PC	115		
BCBS HSA	SS	200		
Trad PPO	IND	0		
Trad PPO	PC	110		
Trad PPO	SS	190		
Trad PPO	FAM	290		
KP Mid	IND	0		
KP Mid	PC	100		
KP Mid	SS	110		
KP Mid	FAM	125		
KPNCA	IND	0		
KPNCA	PC	100		
KPNCA	SS	110		
KPNCA	FAM	125		
KPSCA	PC	100		
KPSCA	SS	110		
KPSCA	FAM	125		
KPSCA	IND	25		
No Coverage		0	✔	

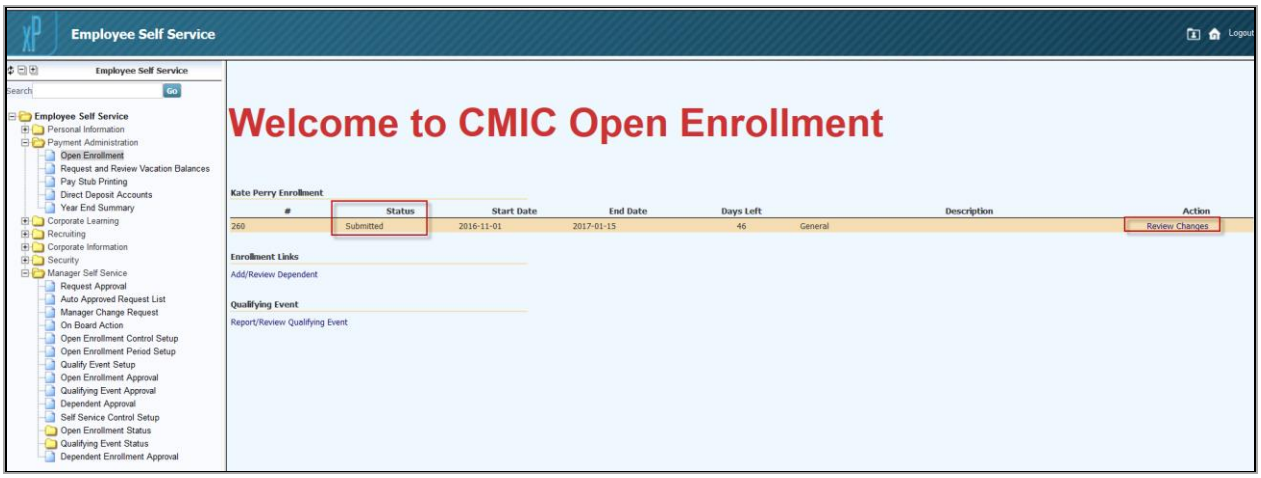
Save Cancel

Employer and Total Amout Column/Fields are hidden and not displayed.

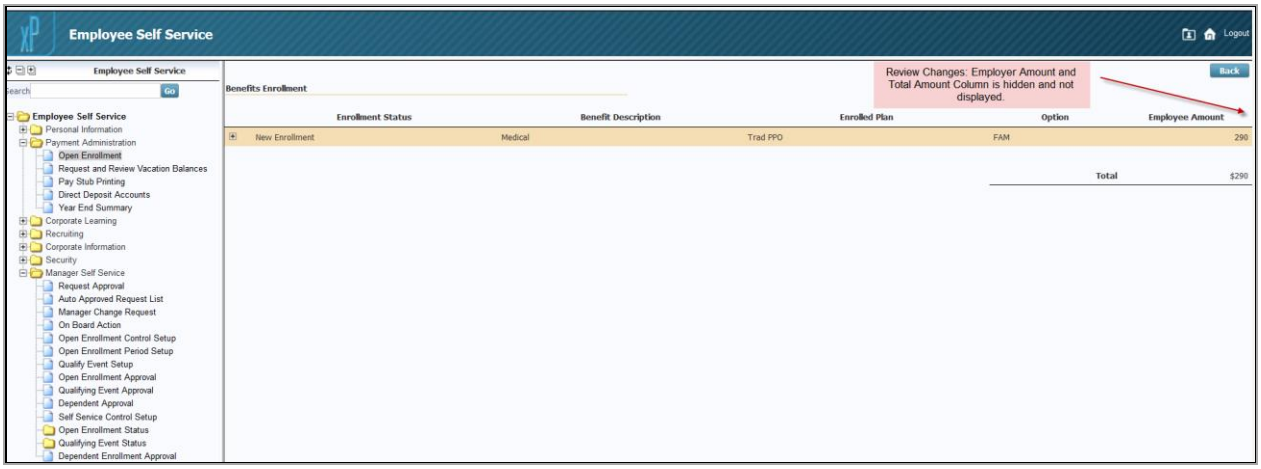
Submitted Changes





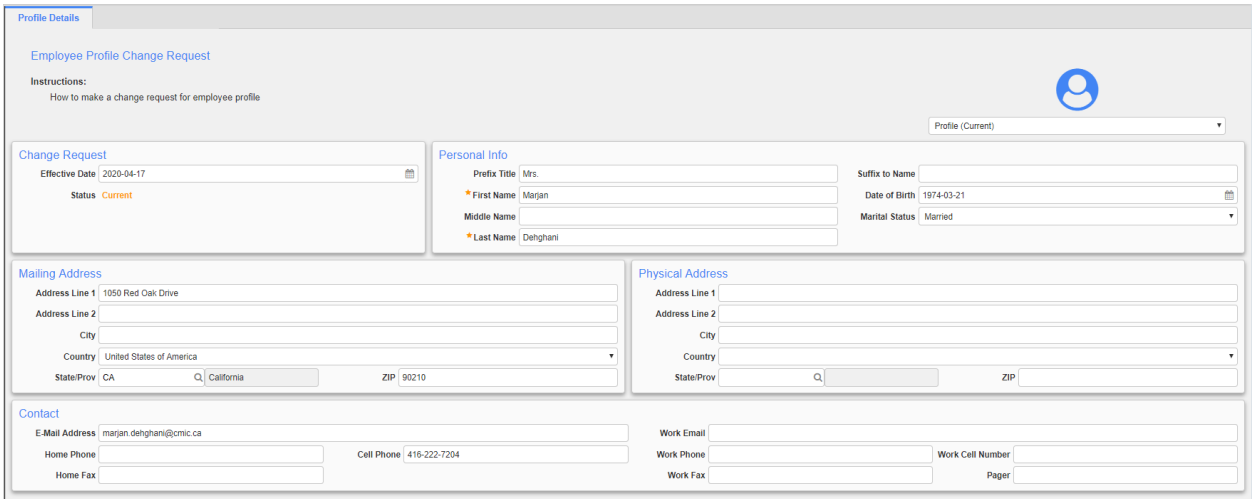


Reviewed the changes:



Employee Profile Information 2.0 (20.19981) – BETA Version

The JSP Employee Profile Information screen has been modified to improve the general visual appeal and user experience. The new version 2.0 is a Beta release and under development and testing.



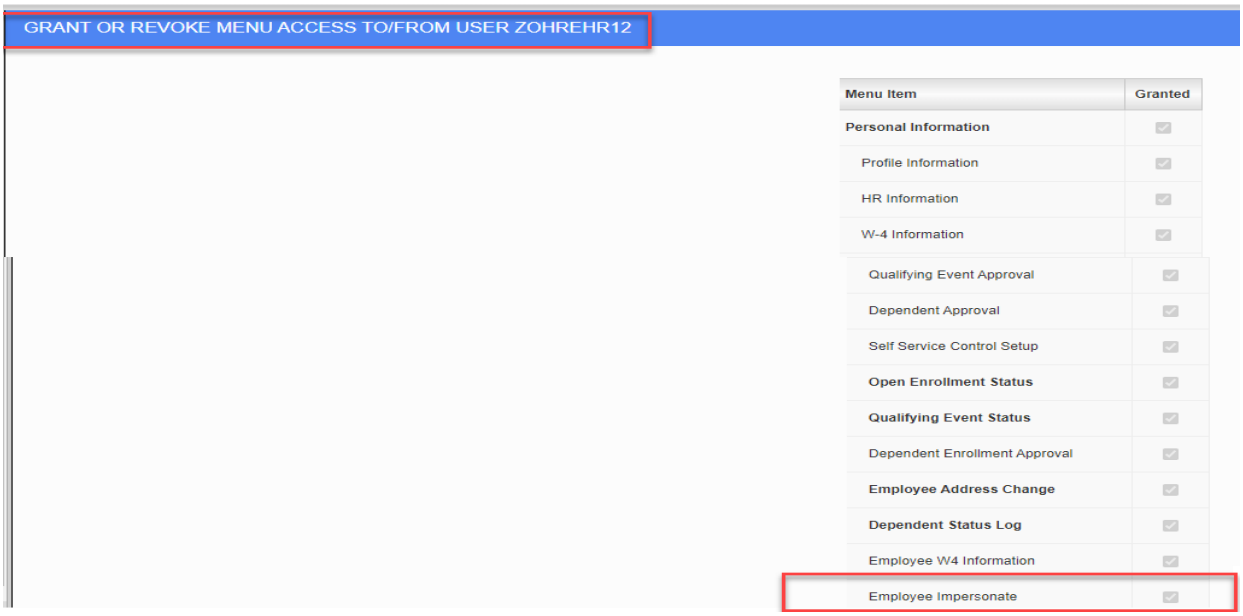
Impersonation Process – Employee Self Service (17.40965)

CMiC has created a NEW program in the Employee Self Service (ESS) module to allow a Self-Service (SS) user who has been assigned impersonate privileges to select and impersonate an employee to review and perform specific actions on that selected employee's record on their behalf. SS users can log in with their individual credentials, and with proper authentication, can view a selected employee's information. The ESS module will automatically switch all SS programs to use the impersonated employee rather than the logged-in user's employee number. The ESS module has been modified to add NEW audit information to record the SS user's information who initiated the impersonation process. The impersonator user can VIEW changes or requests made by the original employee OR continue making changes and submit the changes on behalf of the employee.

The NEW screen for open enroll enrollment will be created to allow USERS to view only mode to review what employee have made changes and guide them as per their selection. The screen only displays the information SAVED by the employee and does not work as screen sharing.

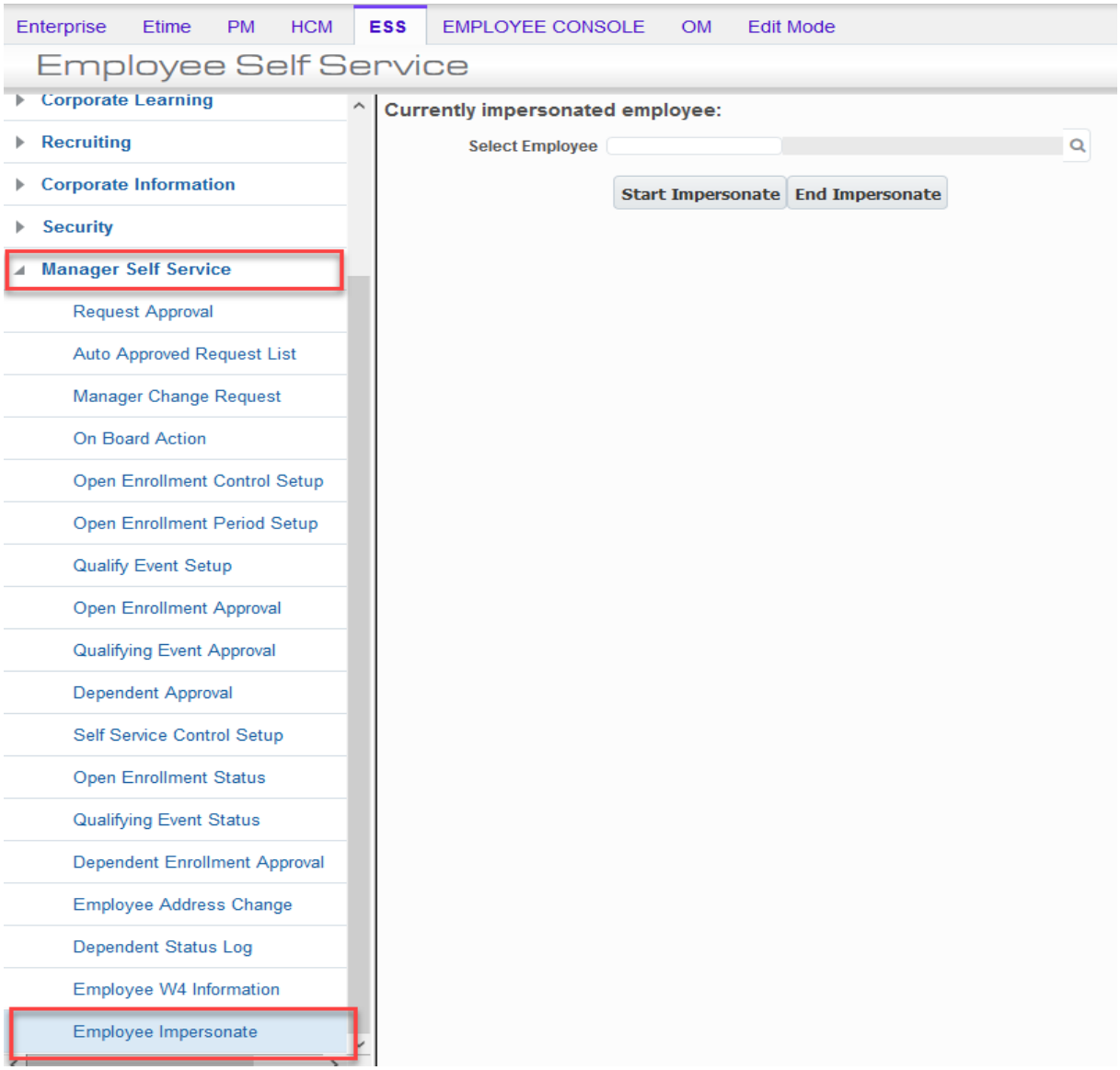
Pre-requisites

Security access must be granted for the Employee Impersonate program to be added to the ESS menu. To be able to see this program, users must have this menu item assigned.



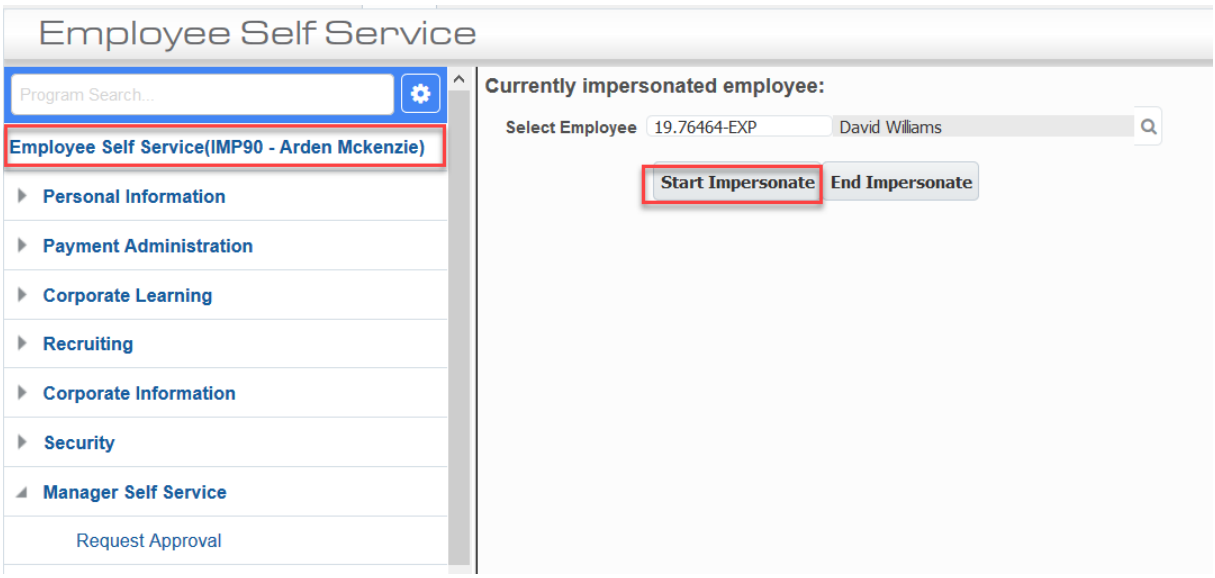
Modifications

A new program called Employee Impersonate has been added to the ESS menu, under the Manager Self Service submenu.

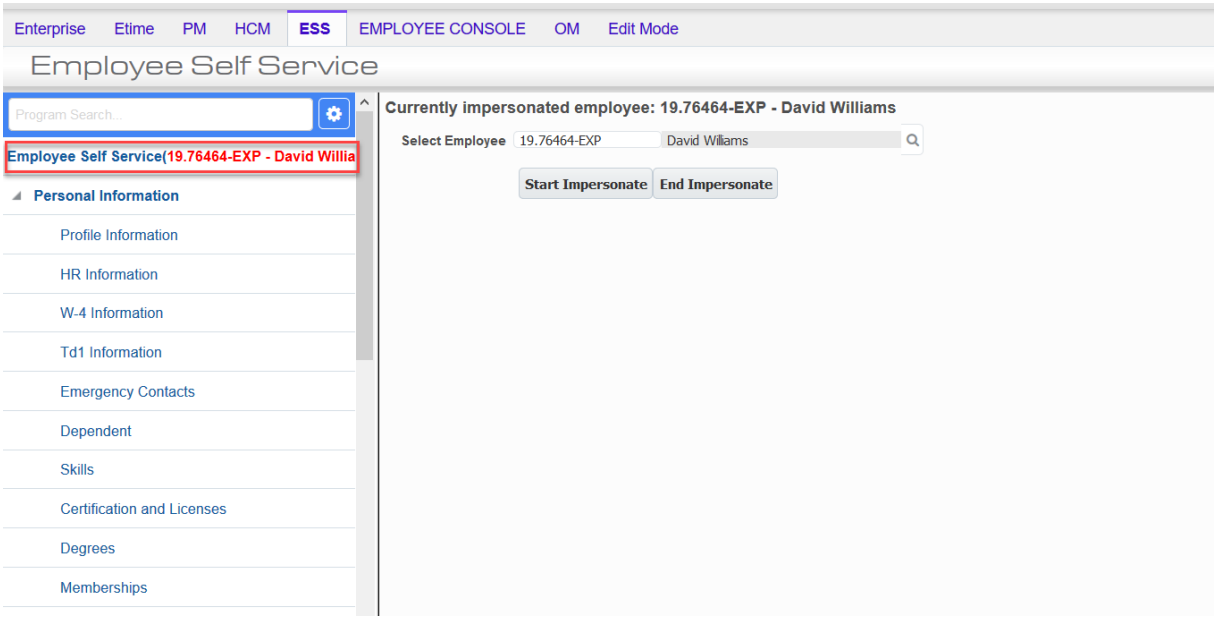


Implementation

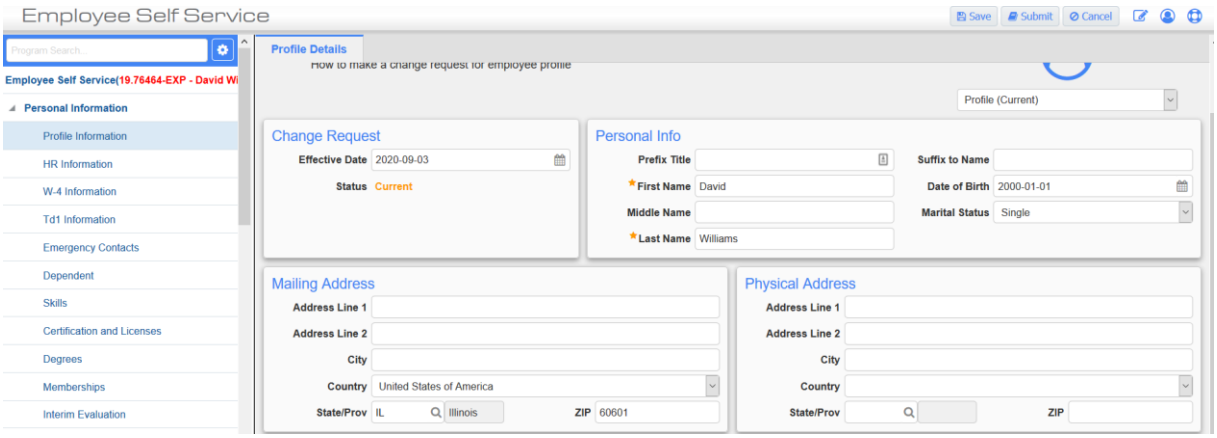
The Employee Impersonate program is the last program listed in the Manager Self Service submenu. After clicking on the Employee Impersonate menu item, users must select the employee from the Select Employee field and press the [**Start Impersonate**] button. This will start the impersonation process and trigger the menu to impersonate the selected employee.



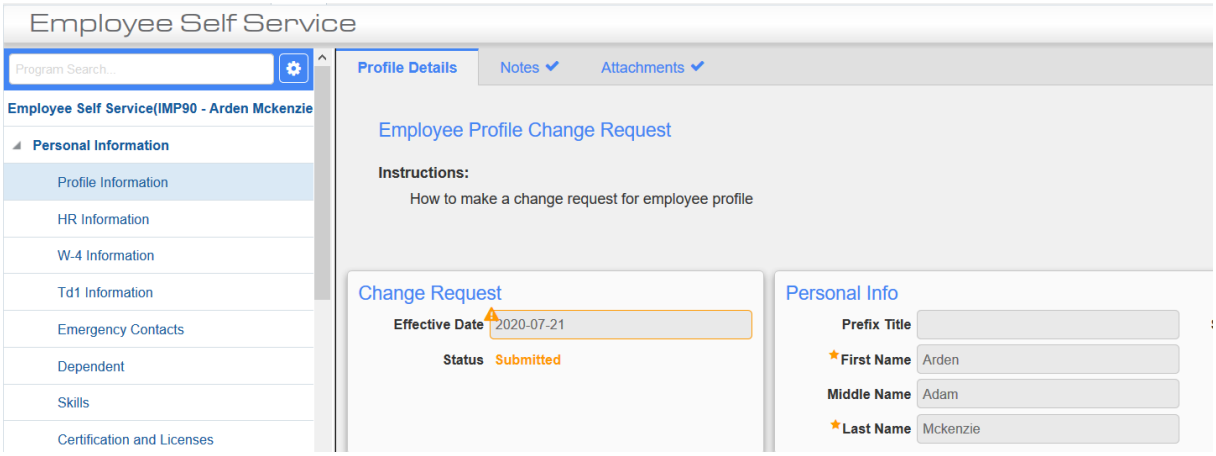
The impersonated employee's name will be displayed in red.



The impersonator user can see all data related to the employee and make any changes and submit them.



Clicking the [**End Impersonate**] button will stop the impersonation process and bring back all data related to the impersonator user.



ESS & E-Time Registration – Access Code & SSO Consolidation (Single Sign On) - (20.33309)

Consolidate Access Code With SSO.

Overview

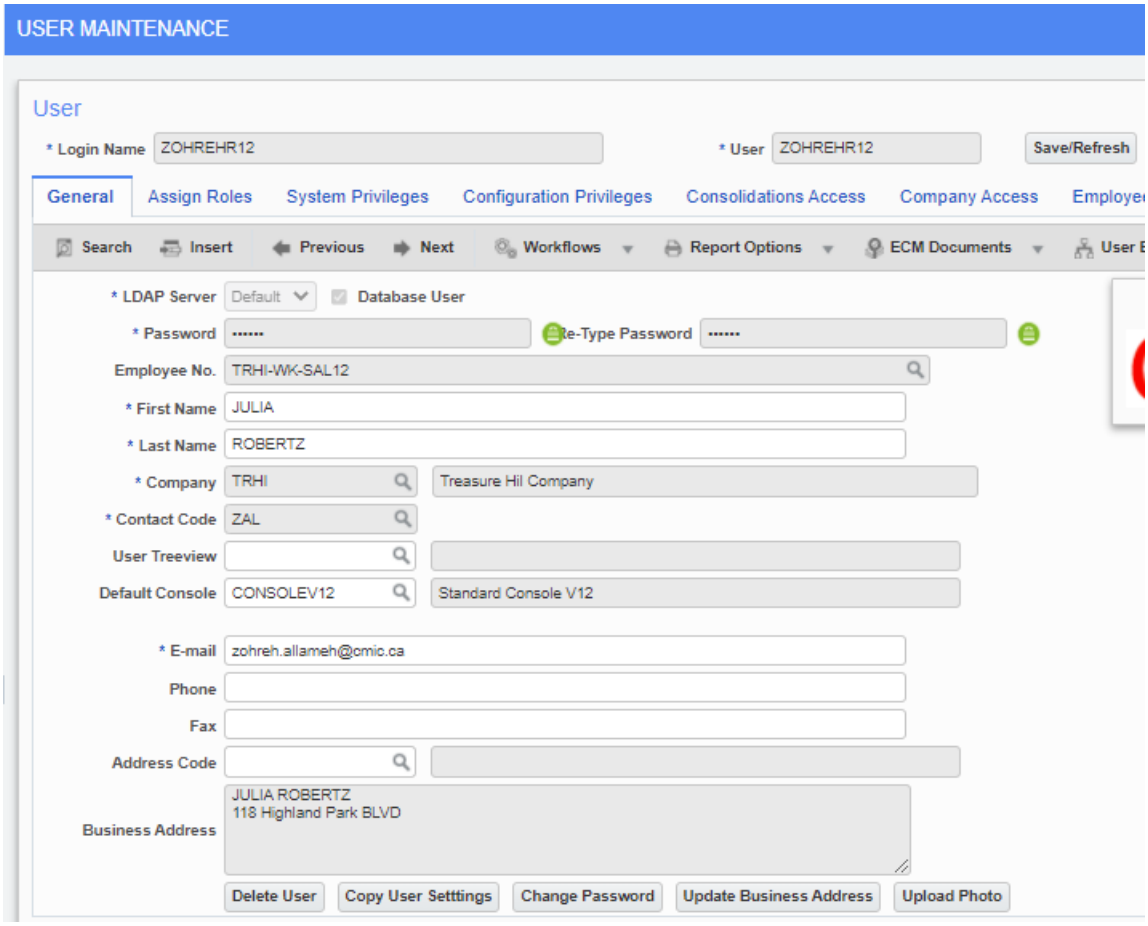
CMiC has revised the process of Creating an Access code for E-time.

In patch V12-014-1 and up there will be no menu to create an access code, the process is changed, once employees receive the email for registration and complete the registration process, the system automatically sets the user with the basic access in the access code administration screen, the access code administration can be edited based on the employee's responsibility. There is a new flag added "OWNER" which represents that the access code is the owner for this code and this flag cannot be edited.

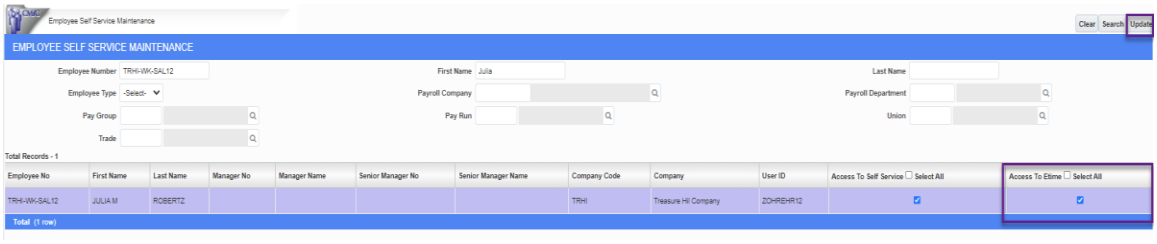
O Enterprise User.

Once Employee is hired and a User login for the user has been created under the system user maintenance screen an email can be sent from the HR employee maintenance screen for registration.

User Maintenance Screen

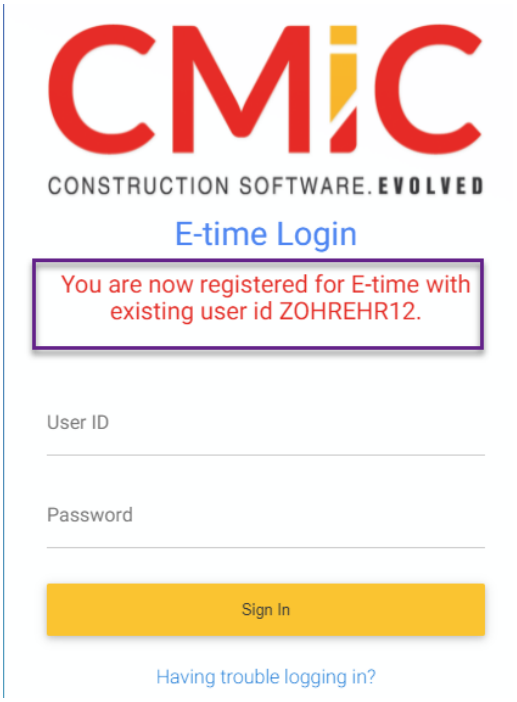


HR Employee Maintenance Screen

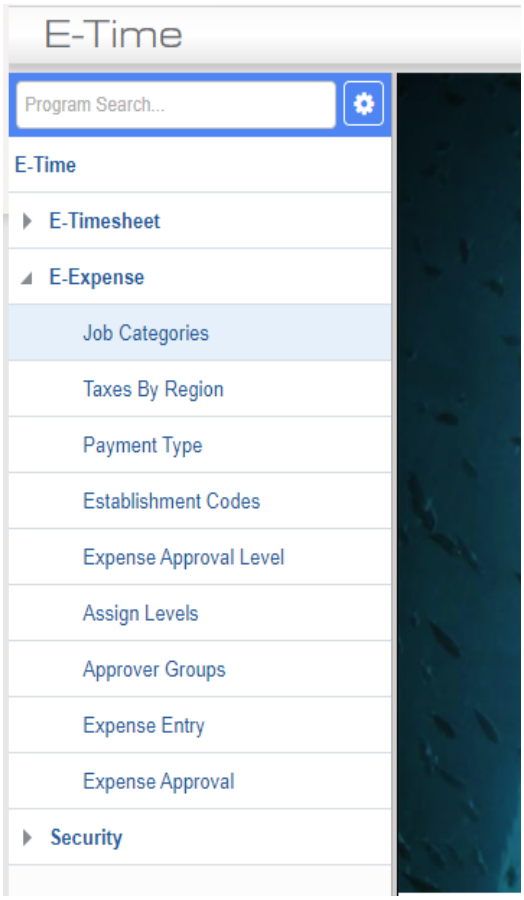


An employee receives the email and goes through the registration process.

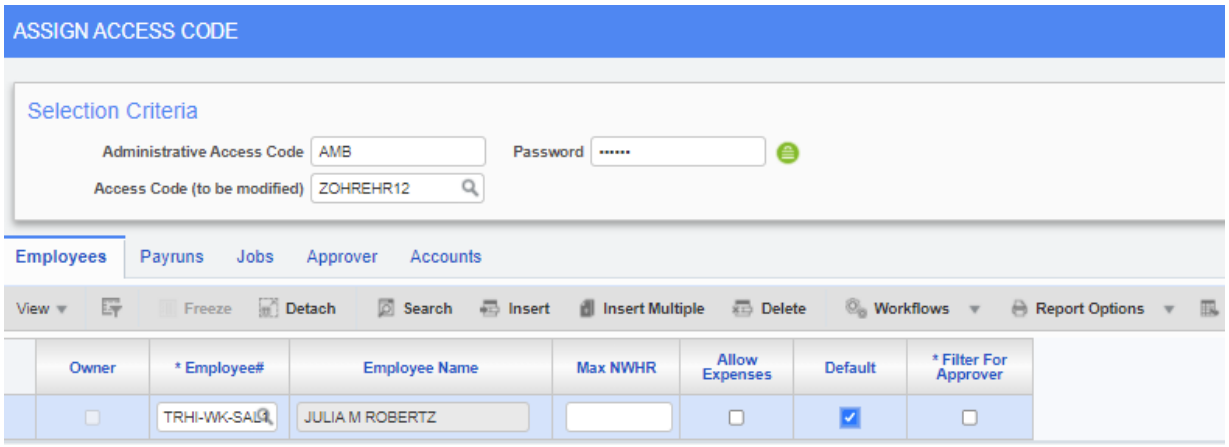
Since employee already in the user maintenance they will not be required to create an account, instead they will be asked to login using their user ID and password.



Using the User ID and Password employee will be redirected to the Etime menu screen.



Once the registration process is completed, an access code will be automatically created for the user (with the same Username used to login) and Basic administration roles will be established under the access code administration screen.



Employee Tab, The access code is directly linked with the employee number and the 'Owner' checkbox is checked, marking the employee as the owner of the specified access code.

NOTE: This flag cannot be edited.

Payrun Tab, remains blank since the employee is only responsible for their timesheets, however, if the employee is required to enter time for others, then the pay run tab can be edited.

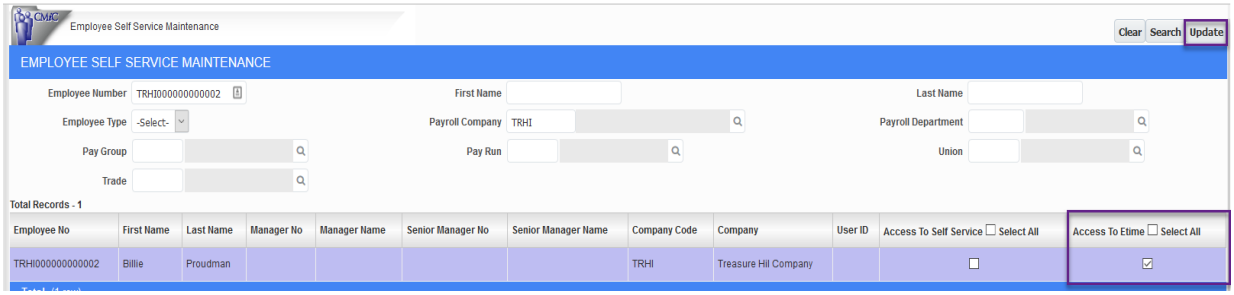
Jobs Tab, Employee will be granted access to the jobs based on the User Job Security with access to all jobs, all cots and, all categories, again this can be edited based on the employee's responsibilities.

Approvers Tab, the approver is determined based on the HCM position, if under the system option you have the "HCM Position Synchronize From Payroll" flag turned on, then your Reports To will be the approver, if under the system option you have the "HCM Position Synchronize From Payroll" flag turned Off, then your Direct Manager from the employee profile will be the approver.

Accounts Tab, This tab remains blank and requires to be edited based on the employee access to company departments.

Non-Enterprise User

Once the employee is hired and setup is completed in the employee profile, access can be granted to the employee from the HR employee maintenance screen for E-time registration.



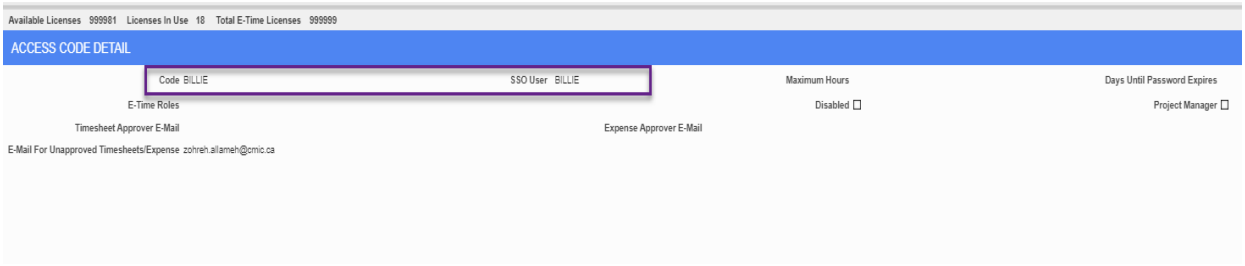
An employee receives the email and goes through the registration process.

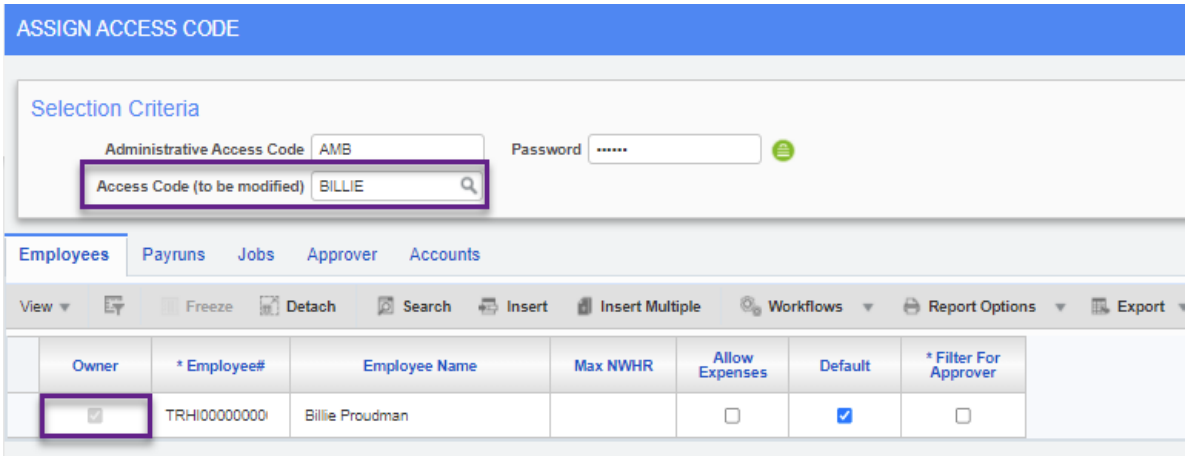
NOTE: For registration process please see the ESS Employee Registration Process Document.

Once the registration process is completed, an access code will be automatically created for the user (with the same Username used to login) and Basic administration roles will be established under the access code administration screen.

Also, an entry will be established under the JSP User Maintenance as a Ldap user for that access code.

Access Code Administration





Employee Tab, The access code is directly linked with the employee number and the 'Owner' checkbox is checked, marking the employee as the owner of the specified access code.

NOTE: This flag cannot be edited.

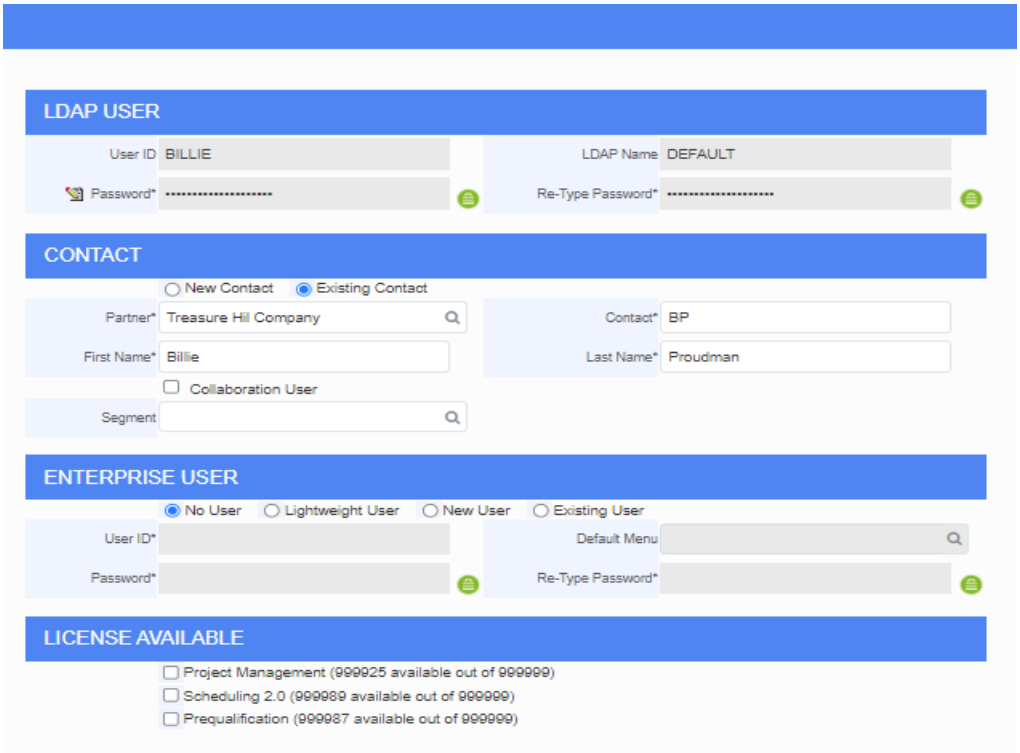
Payrun Tab, remains blank since the employee is only responsible for their timesheets, however, if the employee is required to enter time for others, then the pay run tab can be edited.

Jobs Tab, Employee will be granted access to the jobs for the payroll company with access to all jobs, all cots and, all categories, again this can be edited based on the employee's responsibilities.

Approvers Tab, the approver is determined based on the HCM position, if under the system option you have the "HCM Position Synchronize From Payroll" flag turned on, then your Reports To will be the approver, if under the system option you have the "HCM Position Synchronize From Payroll" flag turned Off then your Direct Manager from the employee profile will be the approver.

Accounts Tab, this tab remains blank and requires to be edited based on the employee access to company departments.

LDAP USER

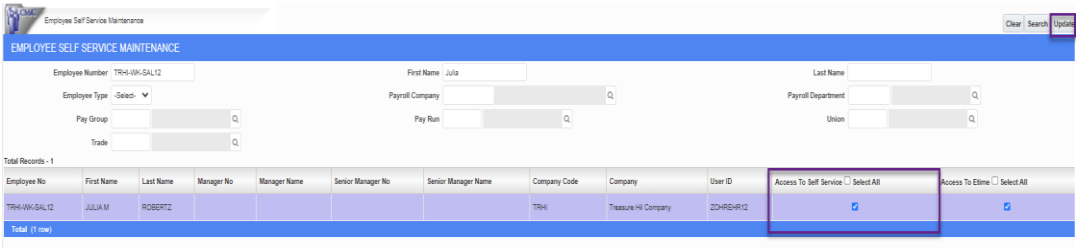


ESS Registration Flow:

When user gives access to ESS (Employee Self Service), you offer them the ability to access and manage

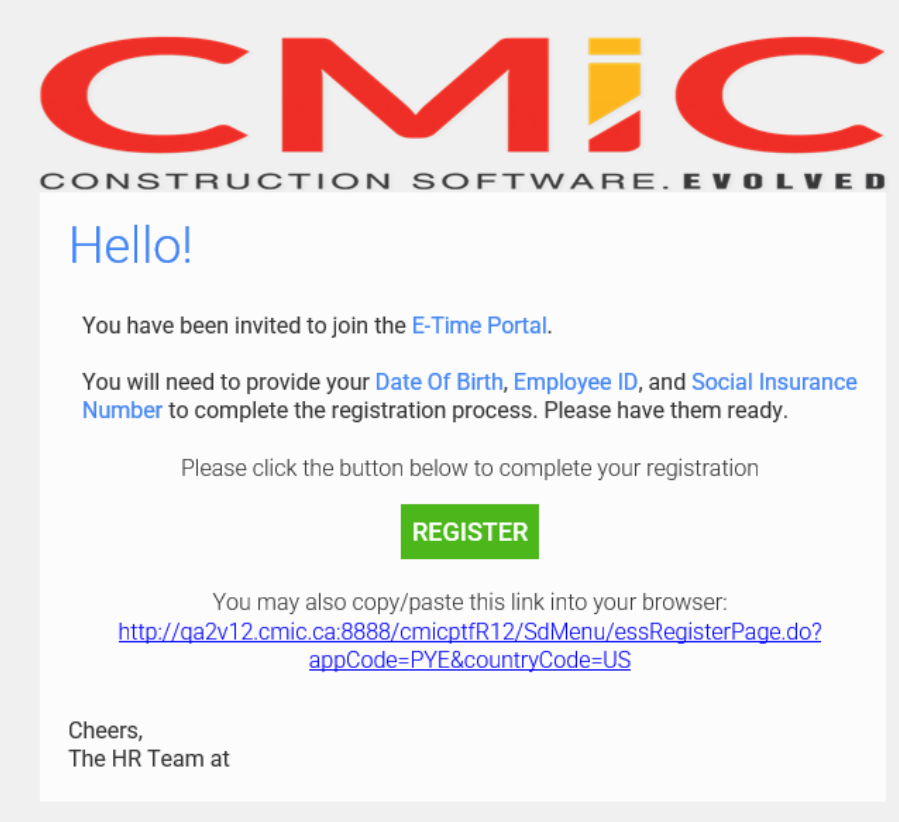
Essential information such as payroll, vacation, benefits, and timesheets-without having to engage directly with members of the HR team. You need employee with Email address setup in Employee profile under Address tab.

We need to create SSO user since, In User maintenance screen, employee number should be assigned against SSO user.



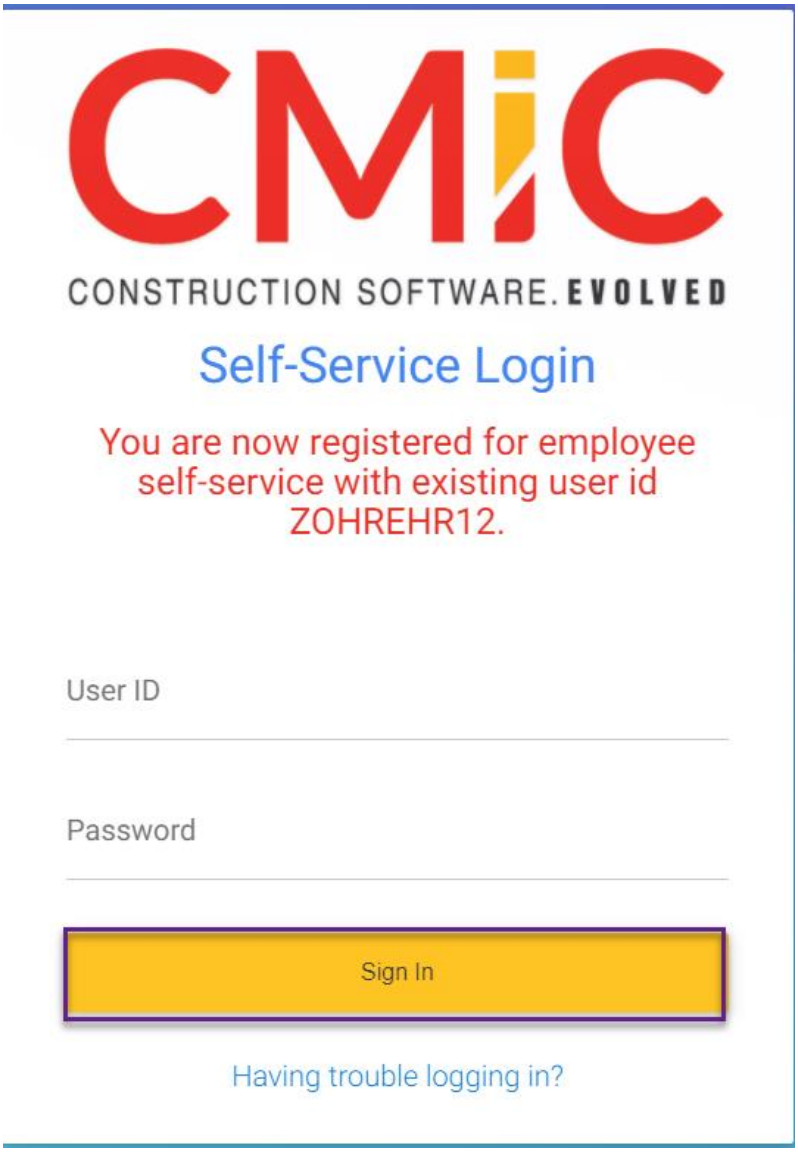
By checking flag for ESS in user maintenance screen system verifies Email address on Employee profile (setup under Address tab) and Email will be send to Employee.

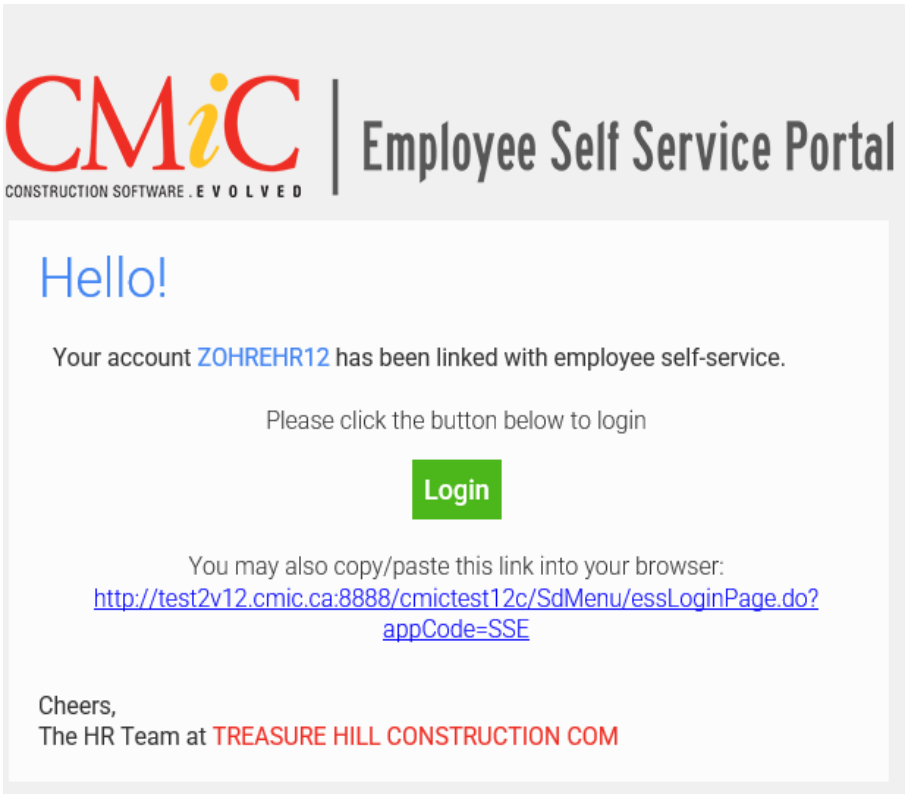
The registration requires Employee to verify SSN, DOB, and Employee number for identity check.



Program verifies if the employee number is assigned on User Maintenance screen.

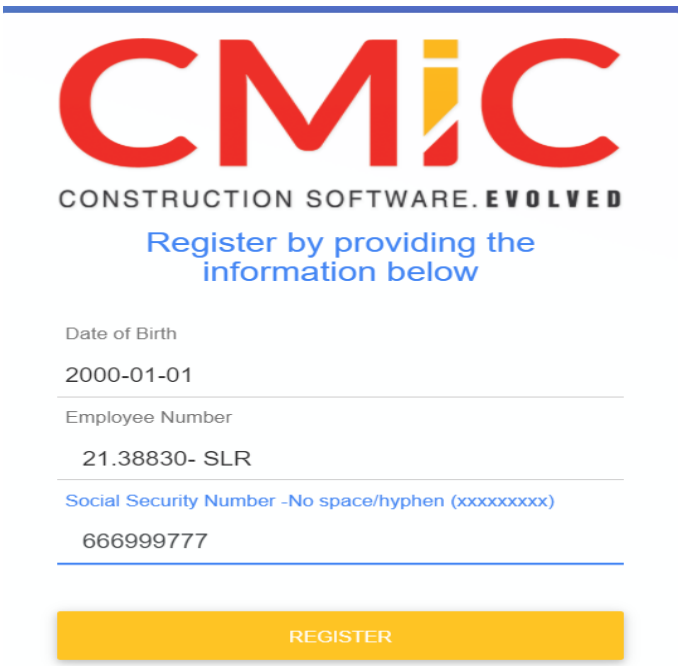
If the employee number is assigned, then program tells you your SSO username and requires you to log in with existing user ID.

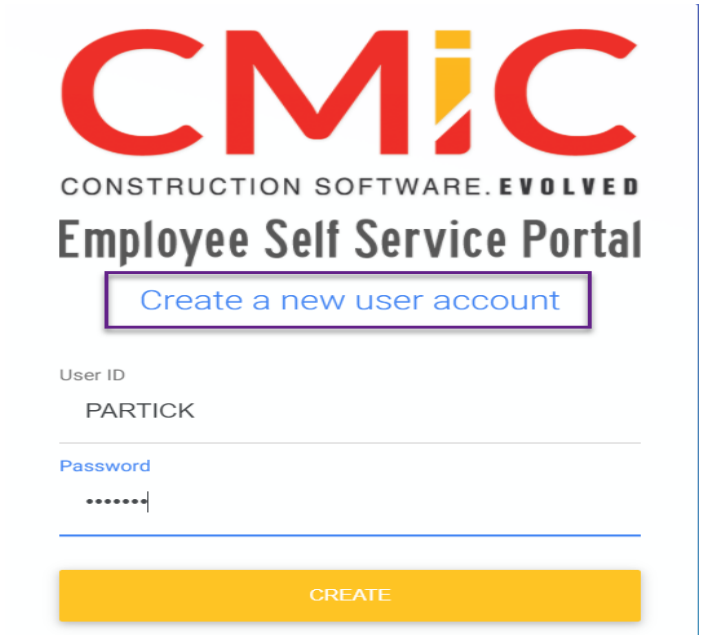

CMiC
CONSTRUCTION SOFTWARE. EVOLVED
Self-Service Login
You are now registered for employee self-service with existing user id ZOHREHR12.
User ID
Password
Sign In
Having trouble logging in?



If the employee number is not assigned, then it asks user to create its SSO user.

When employee creates a user on registration, program automatically assigns employee number to the User Maintenance table.

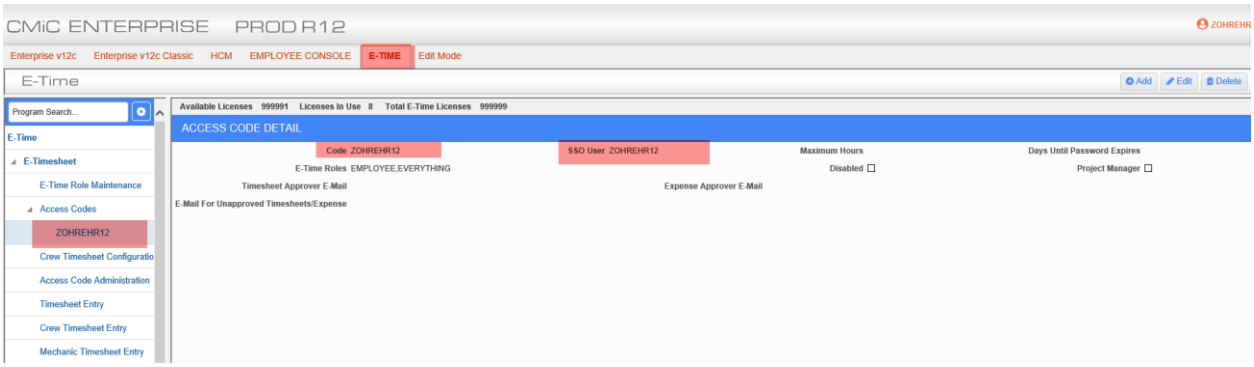




User ID for both ESS and E-time should be the same. System does not allow user to choose different User ID.

Employee Dashboard – Access Code & SSO Consolidation (Single Sign On) - (20.33309)

Access Code Maintenance screen is now removed from the E Time menu as a part of enhancements to consolidating Access Code and Single Sign On for ESS and E Time registration process.



In this old screen:

The access code is manually created. This code is not specific to any employee.

Once created, the SSO user is manually assigned to the access code.

Other attributes can be set, such as: Project Manager Flag, Maximum Normal Hours, Approver Email, Expense Approver Email, and Unapproved Email.

The access code can be disabled if desired.

This existing screen has been replaced and will no longer appear in the E-Time Menu.

This means that:

Access codes are no longer manually created.

Access codes can no longer be shared among different users.

Each new SSO user will now be automatically linked to a new access code.

The access code will have the same name as the SSO User.

It will be automatically linked to that employee.

That employee will be the ***owner*** of the access code

It will be given default and basic access to the eTime and ESS modules.

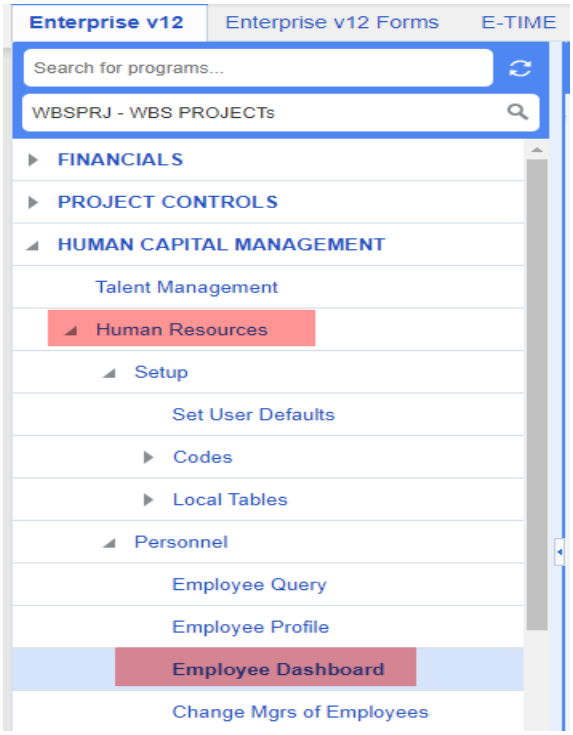
All this automatic setup will be done in the ESS/eTime registration process.

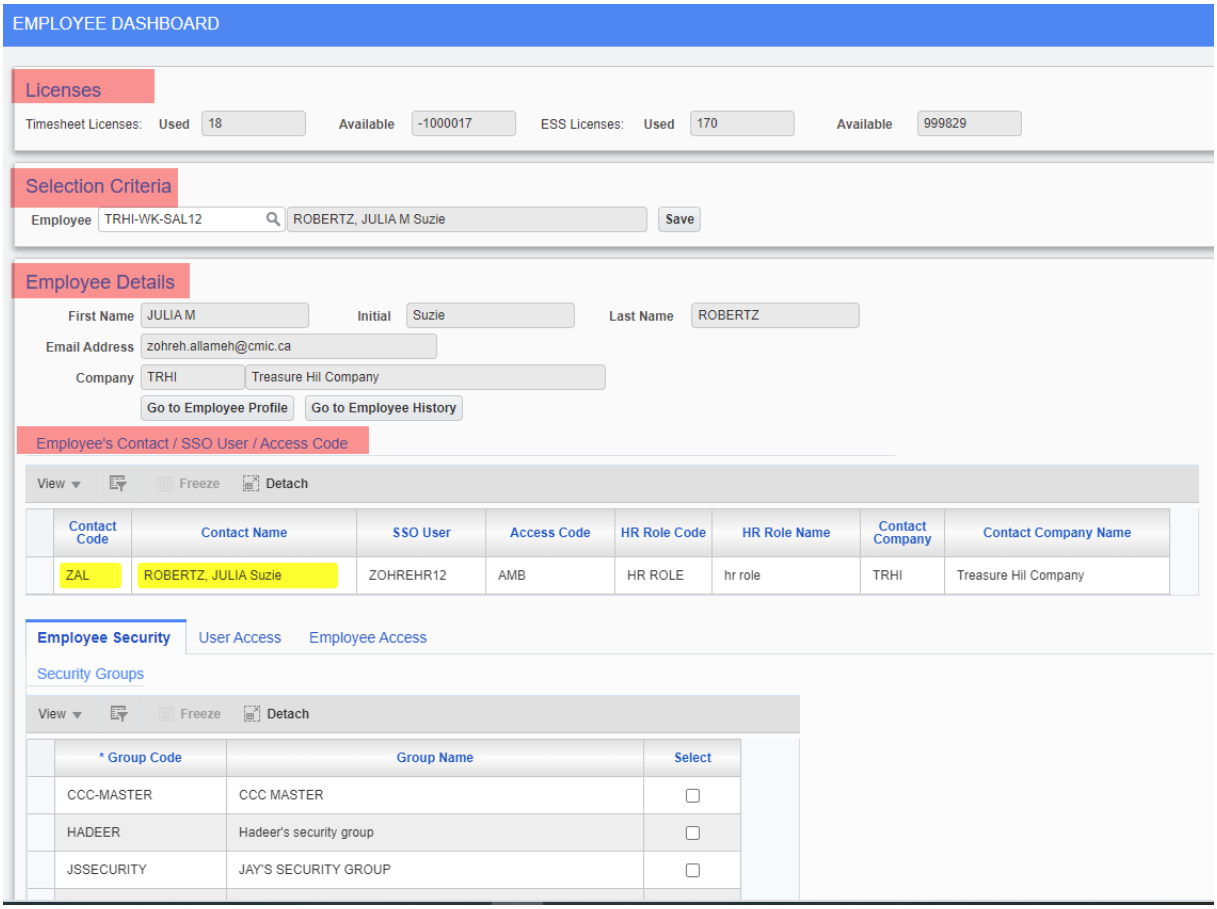
A new screen has been created to replace the previous screen.

The following pages describe all the functionalities of the new screen.

<u>New Screen: HR Employee Dashboard</u>

This new screen can be found at the following menu path:





Licenses: This section shows a quick reference to the used and available eTime and ESS licenses ***(Read Only)***

Selection Criteria:

Employee: Allows you to select the desired employee.

[**Save**]: Press this button to save any changes made to the employee record.

Employee Details: This section shows the employee's basic information based on the data in their employee profile. ***(Read Only)***

It has two buttons (shortcuts):

[**Go to Employee Profile**]: Launches the Employee Profile Screen

[**Go to Employee History**]: Launches the Employee History Screen

Employee's Contact/SSO User/Access Code:

This section shows the Contact-SSO User-Access Code linked to the employee.

It has two main parts:

Multi-record grid:

Contact Code & Name: Shows the contact linked to the employee ***(Read Only)***

SSO User: Shows the SSO User linked to the employee ***(Read Only)***

Access Code: Shows the access code linked to the employee as owner ***(Read Only)***

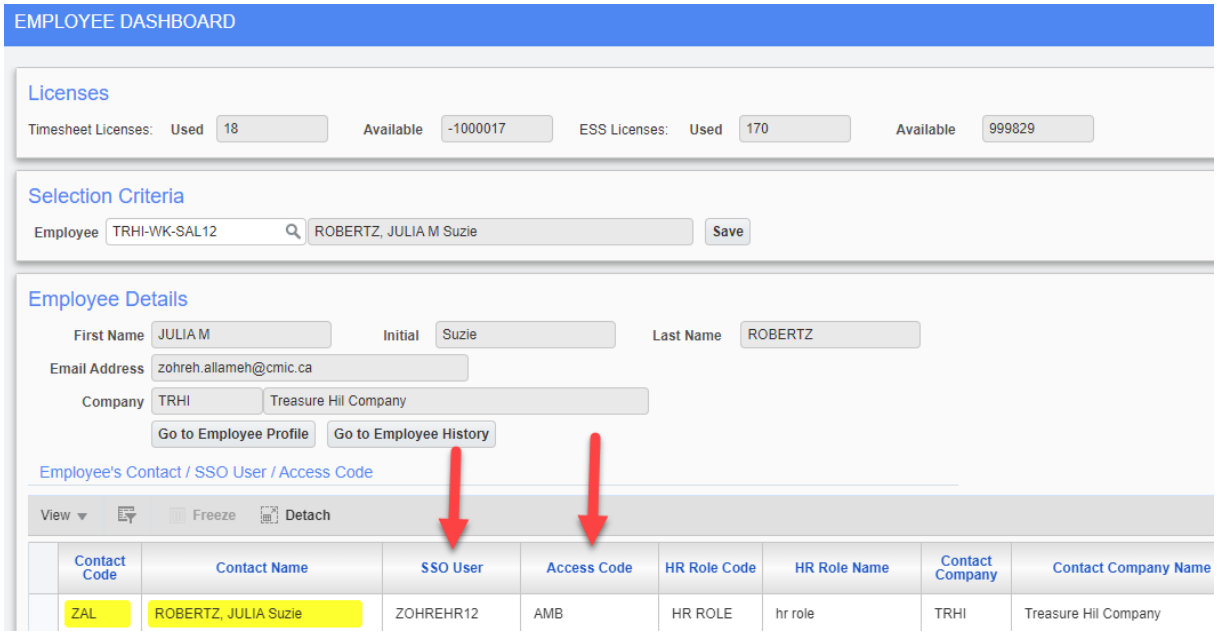
Important: In those cases in which an employee already has an SSO username but not an access code, this field becomes editable for a one-time access code manual assignment. This allows existing employees (i.e. ones created before these changes) to be manually linked to the proper access code if they are already using or sharing one with other users.

This functionality has limitations:

The LOV will only show access codes that are not already linked to an employee.

The LOV will only show access codes to which the employee has been added in the Access Code Administration screen.

Once an access code is manually assigned to one employee it cannot be assigned to another. The assigned employee is the owner of that access code.



HR Role Code & Name: Shows the contact's HR Role. This information can be edited here.

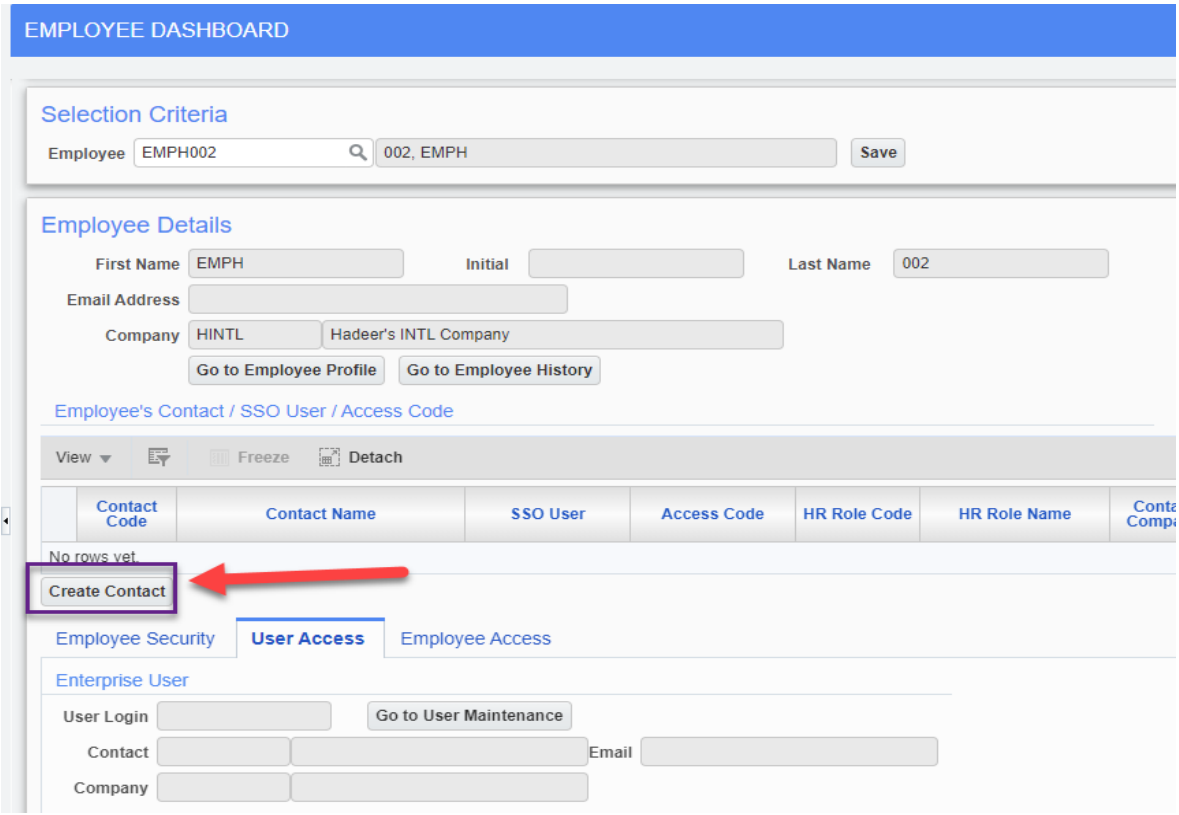
Contact Company Code & Description: Shows the company assigned to the contact ***(Read Only).***

Note: If the contact's company differs from the employee's company, it will be highlighted in yellow with a warning stating so. Similarly, if the name does not match between the contact and the employee, it will also be highlighted in yellow. This is not an error; this is just to point out that important information does not match between the employee and contact records.

It is expected for each employee to have only one record here, but due to incorrect data or setup, or because an employee could have multiple access codes in the previous functionality, there could be more than one. It is recommended that this be manually fixed, and to have only one SSO User and one Access Code linked to each employee.

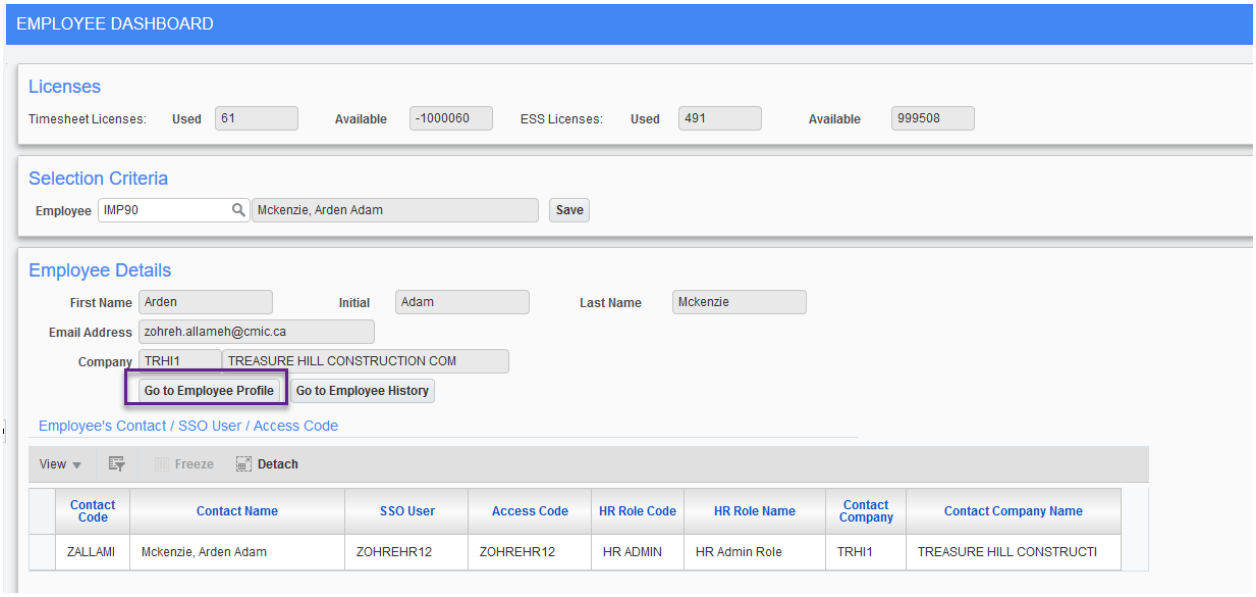
[**Create Contact**] **Button**: This button automatically creates and link a new contact to the employee and the employee's company.

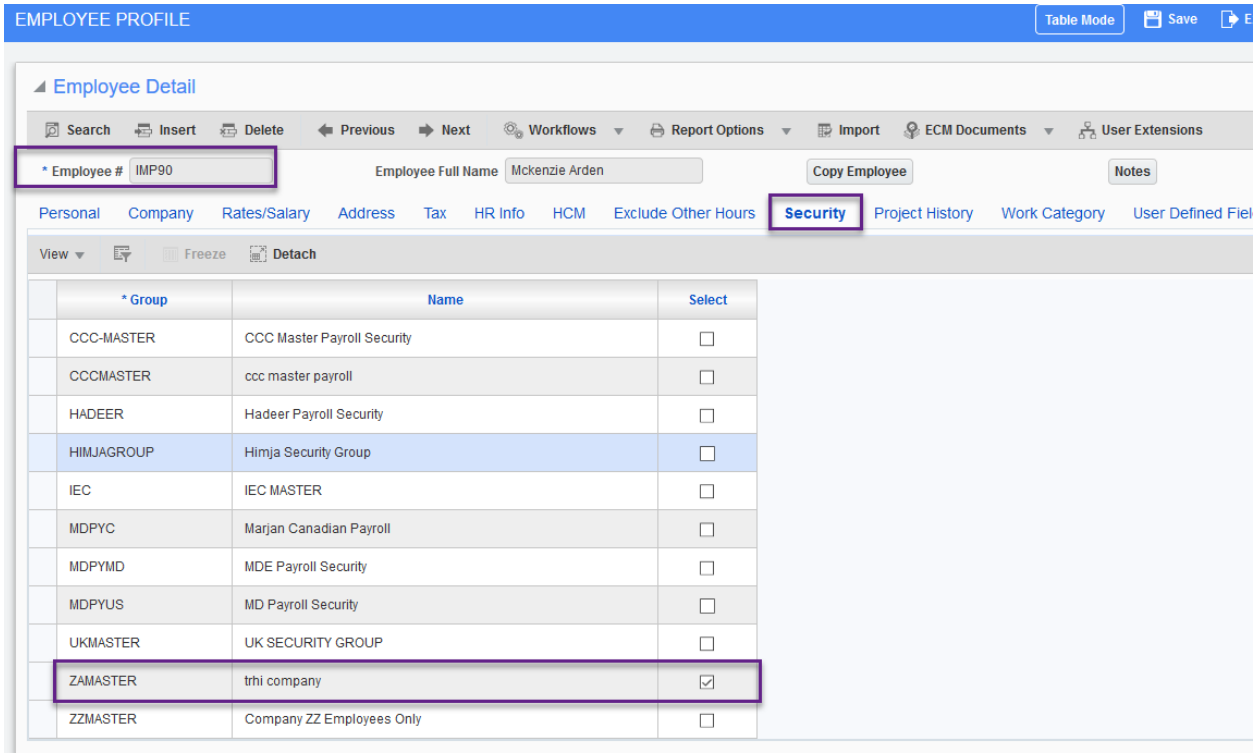
NOTE: This button will only be shown when the employee is not linked to a contact.



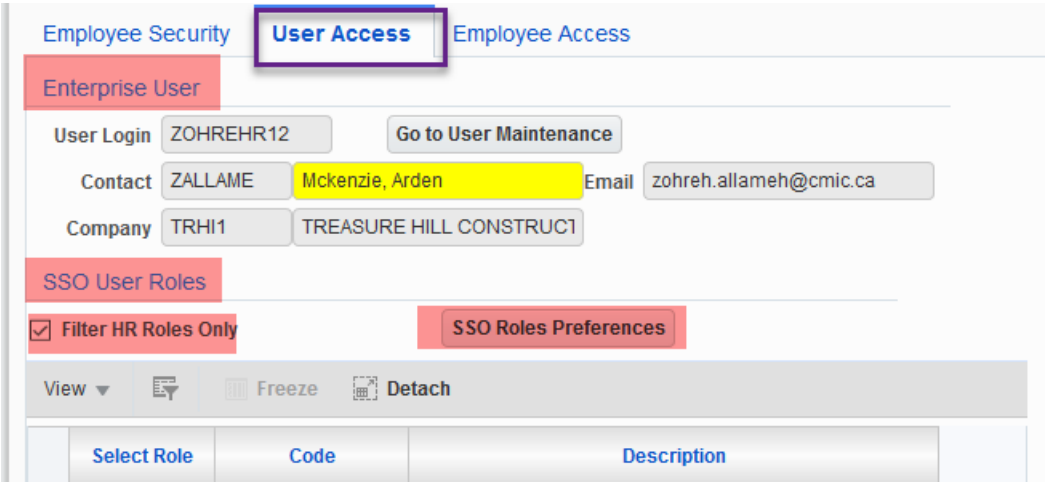
Employee Security Tab: This section shows all payroll security groups and which ones are assigned to the employee. This information can be edited here.

Originally, this could only be changed in Employee Profile, as shown below:





User Access Tab: This section shows all information related to the system users, as shown below:



Enterprise User: If the employee is an enterprise user; the user login, the contact and company directly linked to the enterprise user are shown here. ***(Read Only)***

There is also a button to open the Enterprise User Maintenance Screen from here.

Note: If the enterprise company differs from the employee's company, it will be highlighted in yellow with a warning stating so. Similarly, if the name does not match between the contact and the employee, it will also be highlighted in yellow. This is not an error; this is just to point out that important information does not match between the employee and contact records.

SSO User Roles (Portal User Roles): If the employee is linked to a portal user, all portal roles will be shown here with the option to directly assign and unassign them to this employee ***(Editable)***

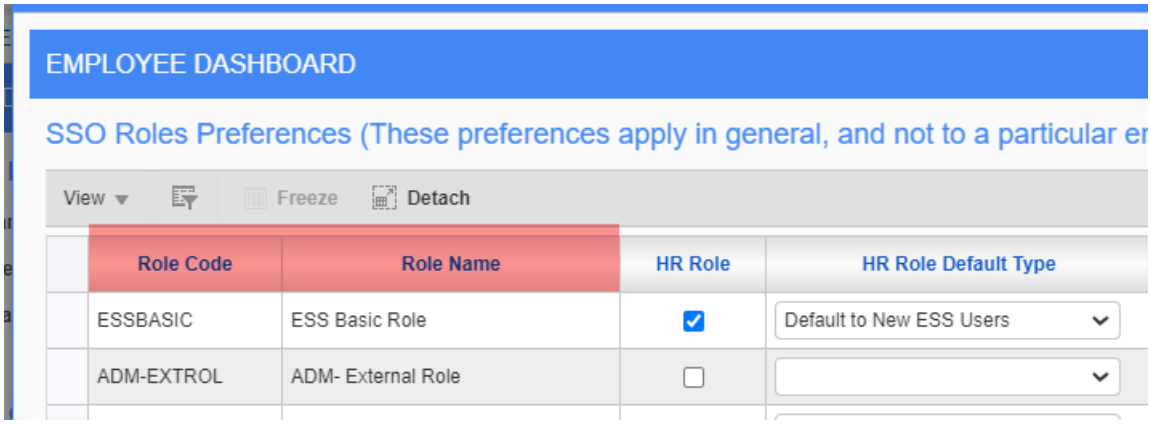
Three main functionalities in this section:

Multi-record grid: As stated above, this grid will show all portal roles and will allow the user to assign/unassign them to the employee.

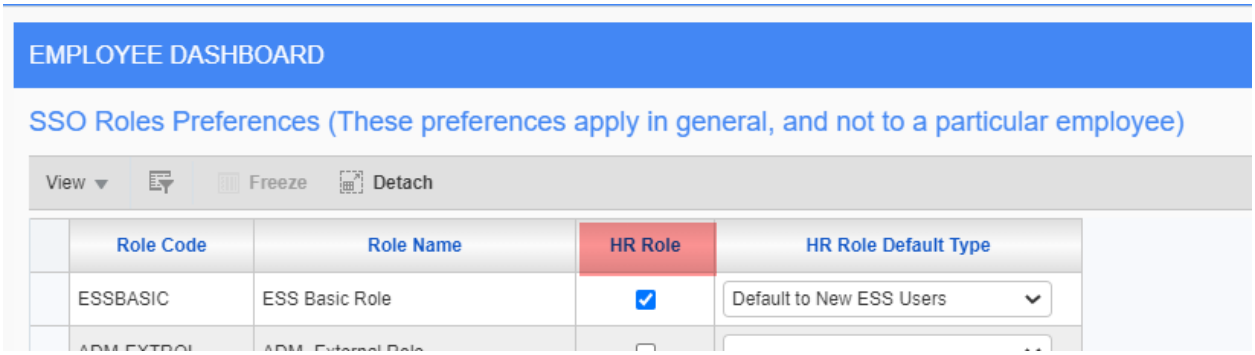
Filter HR Roles flag: Since portal roles are used for several modules, the list can be extensive and many of them may not be relevant. Thus, a filter has been added to only show the HR/Payroll related roles.

SSO Roles Preferences: This is a shortcut to a new SSO Roles Preference screen. This screen does not relate to a specific employee and is shown below:

Role code: Lists all the SSO Roles (Portal Roles). The Role Code and Role Name fields cannot be edited here. ***(Read Only)***



HR Role Flag *(Editable)*: Determines which portal role is an HR Role/Payroll Role. Note: This is the value used by the "Filter HR Roles" flag



HR Role Default Type *(Editable)*: Determines which portal roles will be assigned to each new ESS/eTime user.

Employee Access Tab:

This tab shows all information related to the employee's access to ESS and ETime ***(Editable)***

ESS Access & eTime Access Flags:

These flags determine if the employee has been invited to use ESS or eTime.

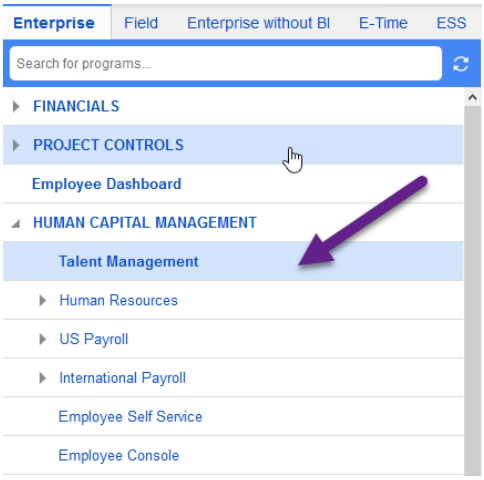
Both flags will be disabled if the employee is not linked to a Portal contact.

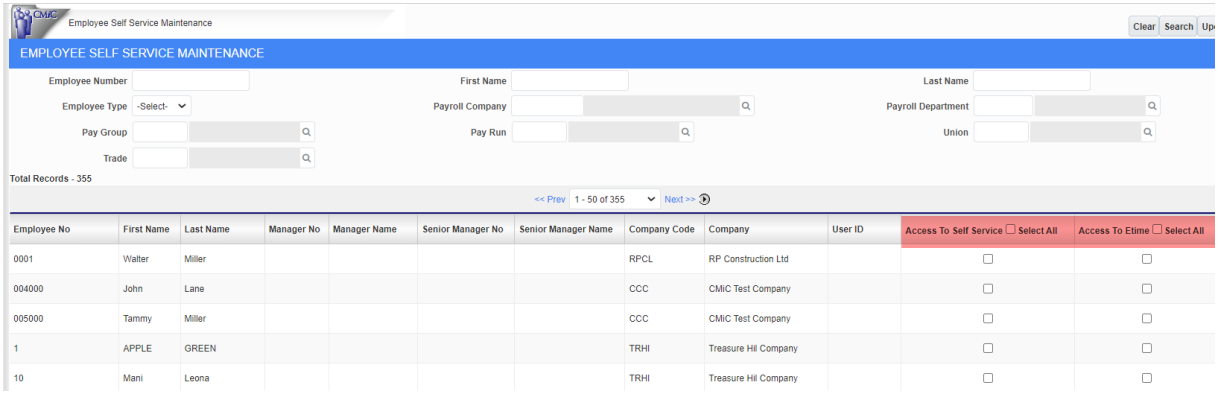
Important: Checking/unchecking these flags only gives/removes access for the employee. It does not send the invitation email to register users for ESS/eTime, or the email notifying that ESS/eTime access has been revoked. For new employees registering to ESS/eTime these flags will still need to be checked in the existing "Employees Maintenance" JSP Screen, as shown below:

NOTE: This functionality will be added in the future.

Enterprise Menu:

Talent Management Menu:

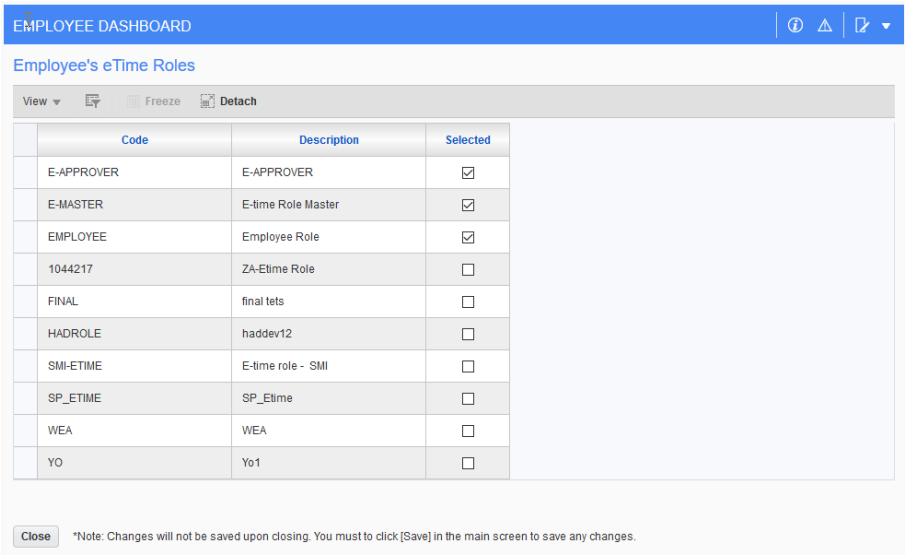




Access Code: Shows the employee's access code ***(Read Only)***. There is also a button to the Access Code Administration screen, which is disabled when the employee does not have an access code.

Access Code Attributes ***(Editable)***: This section provides all the access code fields that used to be found in the previous Access Code Maintenance screen. These fields are now all editable and can now only be changed in this screen. The fields are: Maximum Normal Hours, Allow Expenses Flag, Filter for Approver Flag, Project Manager Flag, and eTime roles.

The eTimes Roles Edit Button: As in the previous screen, it shows a list of all eTime roles and which ones are assigned to this employee, as shown below.



Default to myself when entering eTime flag ***(Editable)***: This flag is only editable when the employee who owns the access code is not the default employee of their own access code. Once clicked and saved, they will become the default employee in this access code while all other employees in this access codes will be set as "Not Default".

Once the owner of the access code is the default employee, the flag will become disabled. To define someone else as default, go to the Employee tab in the Access Code Administration screen.

Enter eTime for other employees ***(Read Only)***: This flag is display only and shows whether the employee has access to enter etime for other employees. This can be changed in the Employee tab of the Access Code Administration screen.

Approvers List ***(Read Only)***: This list shows all the approvers defined for this employee; it feeds from the Approvers Tab within the Access Code Administration Screen. It is shown here as a quick reference.

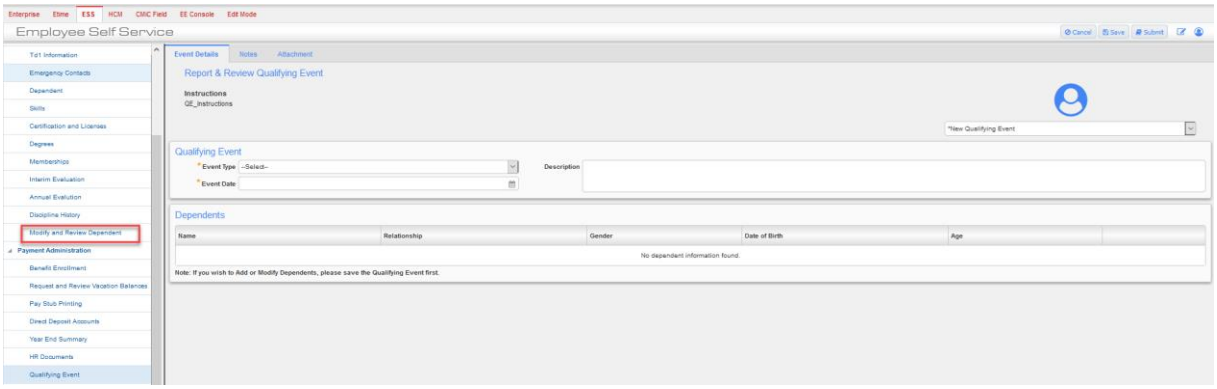
NOTE: Going forward, all approvers will be shown with employee and access codes information as every employee will have only one access code assigned to them. But, for existing old data, you may see only the access code populated in that list.

Other employees who can enter my eTime List ***(Read Only)***: This list shows all the other employees and access code with access to enter eTime for the user. This list can be changed, in the Employee tab of the Access Code Administration screen.

ESS Qualifying Event Update/Redesign– (20.34822 HCM - 246)

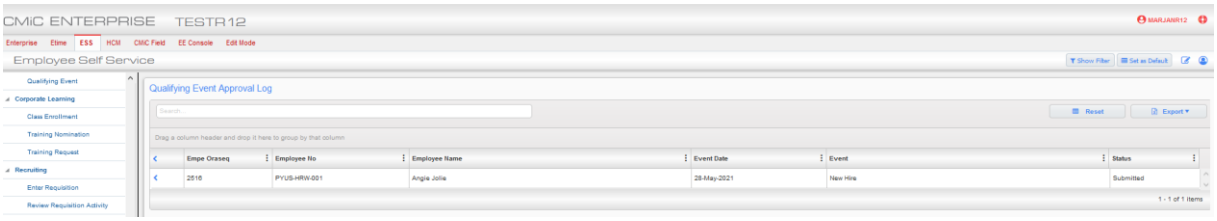
ESS - Report & Review Qualifying Event

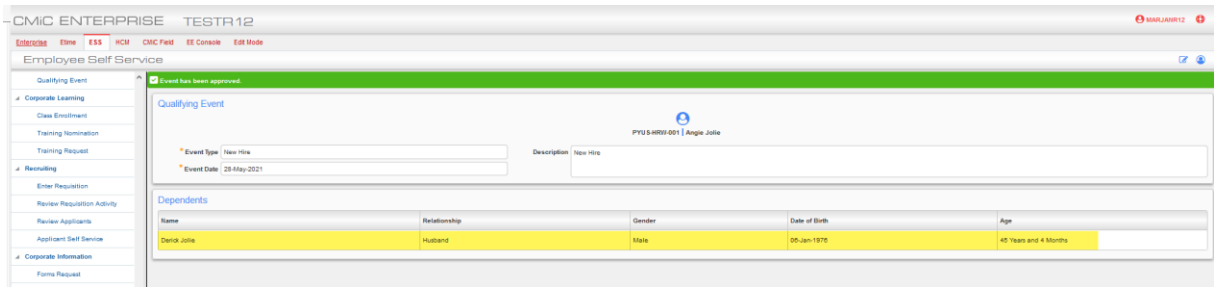
A Qualifying Event (QE) is a change in your circumstances that makes you eligible to add or remove dependents from your benefits plan or make new plan selections, outside of the regular Open Enrollment period. Users can report and review qualifying event during the year to enroll into their Benefit Plan. Qualifying Event is available to employees. General Open Enrollment occurs only once in year.



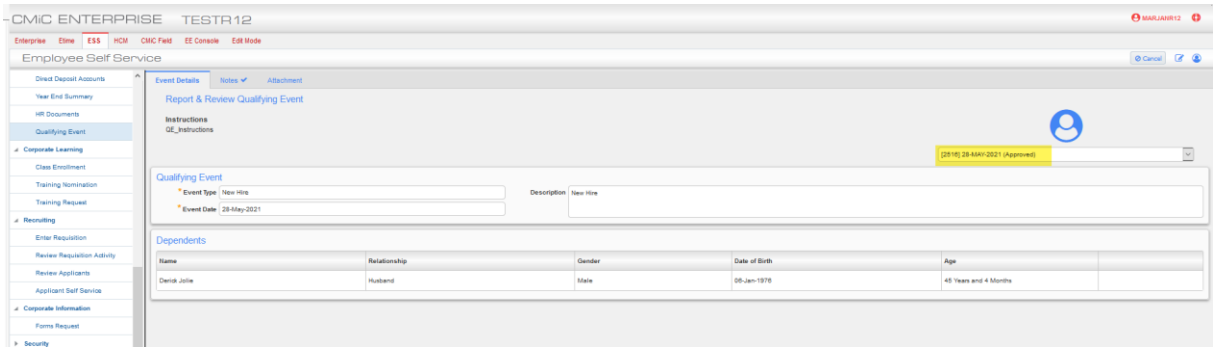
New hires and current employees can use Qualifying Event program to submit their changes for Benefit Enrollment.

Changes are submitted to Manager for approval.





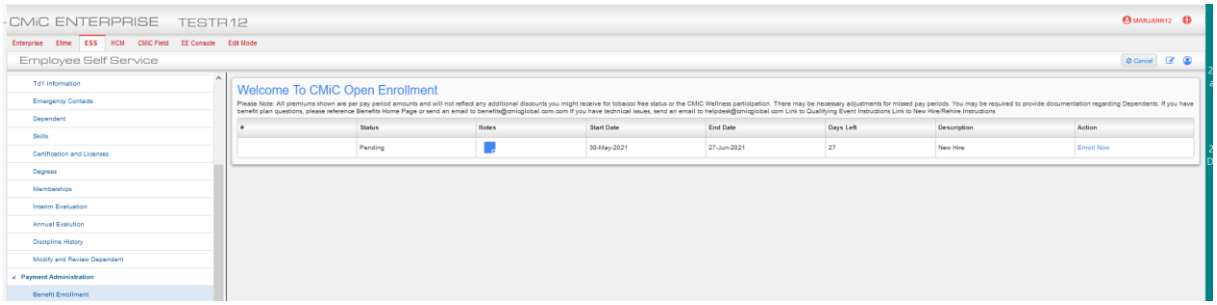
Changes are approved by Manager.

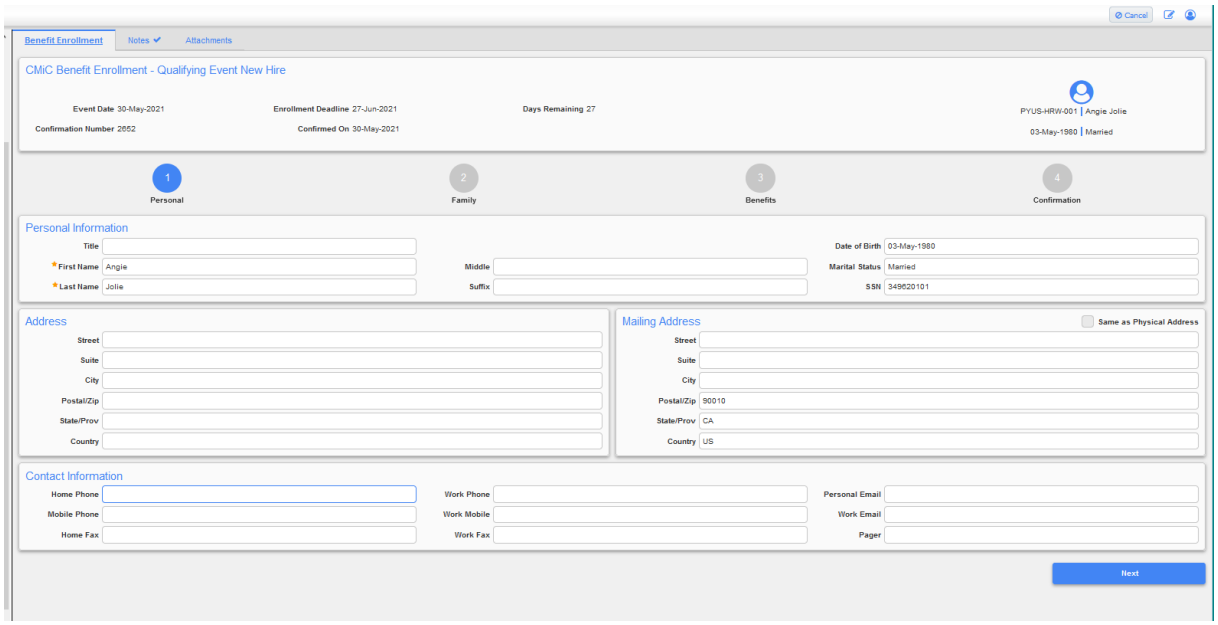


The approved qualifying event is now available and pending for enrollment under ESS Payment Adminsistration sub-menu - Benefit Enrollment screen.

ESS Benefit Enrollment Redesign– (20.34822 HCM - 9)

CMiC Employee Self Service (ESS) is a web-based application that provides employees with a convenient way to access their personal information and dependent details online. ESS open enrollment allows employees to view and change their employee profile e.g. address information, dependent information, and benefit enrollment evaluations.





Personal: This Screen displays the details from payroll employee profile.

During open enrollment employee can verify details.

Any Profile changes must be submitted as a request by employee via Profile screen in ESS.

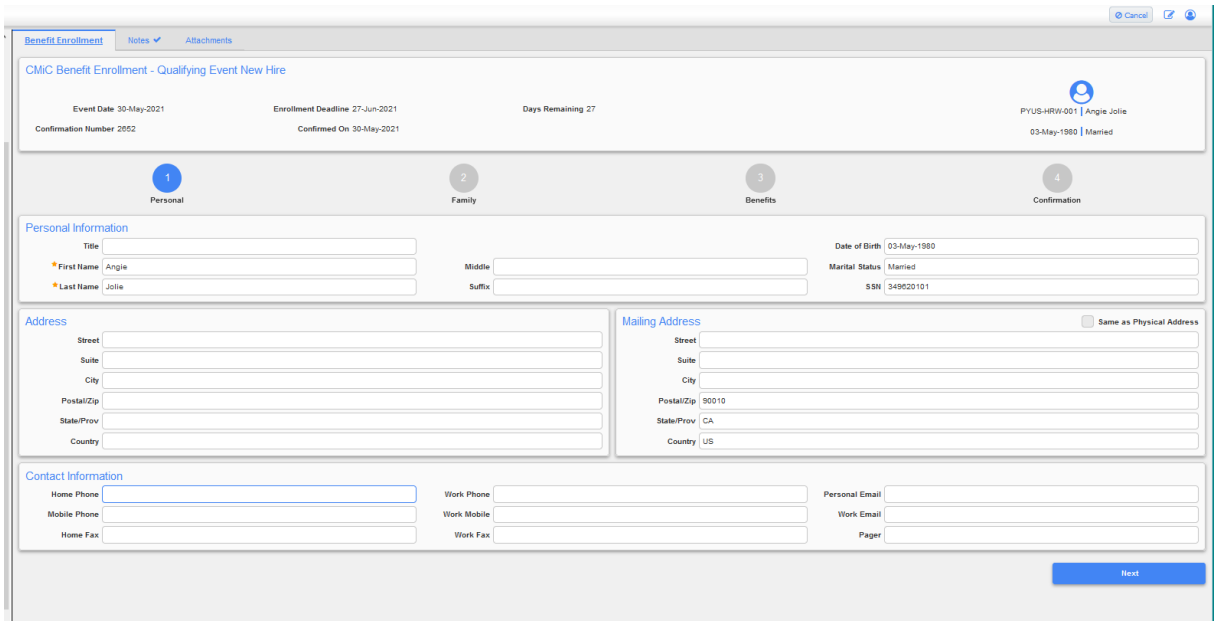
Employee is required to log into Employee self-service with their username and password and make the necessary changes.

Employees can use the Profile Information screen in ESS to modify their basic information. This data is originally entered on the Employee Profile screen.

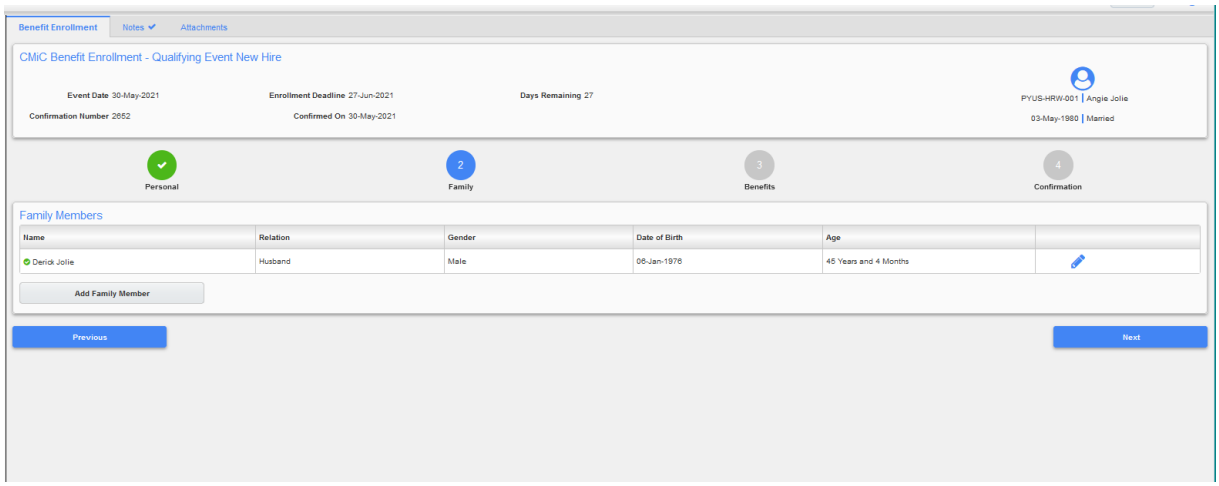
These changes can be made by using the Effective date on the screen above and creating a change request and can be saved and submitted for manager approval.

Note: Only one change request can be made at a time.

Once Manager approves the request employee can view the submitted changes, they are visible as Current Profile in personal screen of ESS. ↓



Family: In this screen employee can view the existing family members and verify their details and can also add more dependents by clicking Add Family Member button or edit or delete the existing records from below screen.



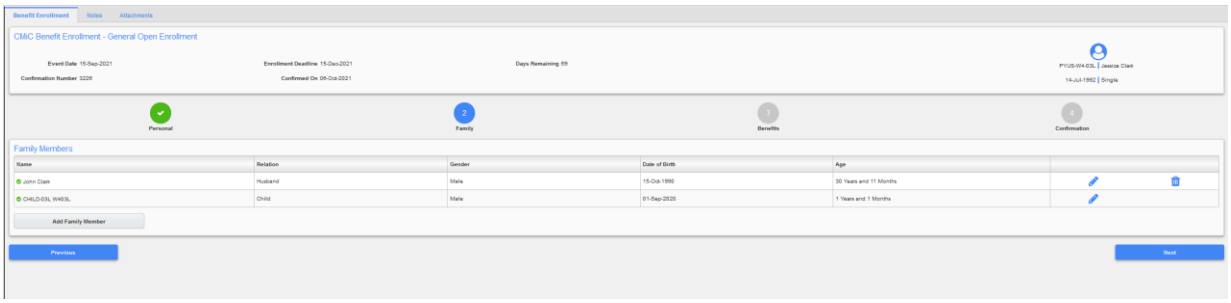
When Add Family member is selected the below screen appears.

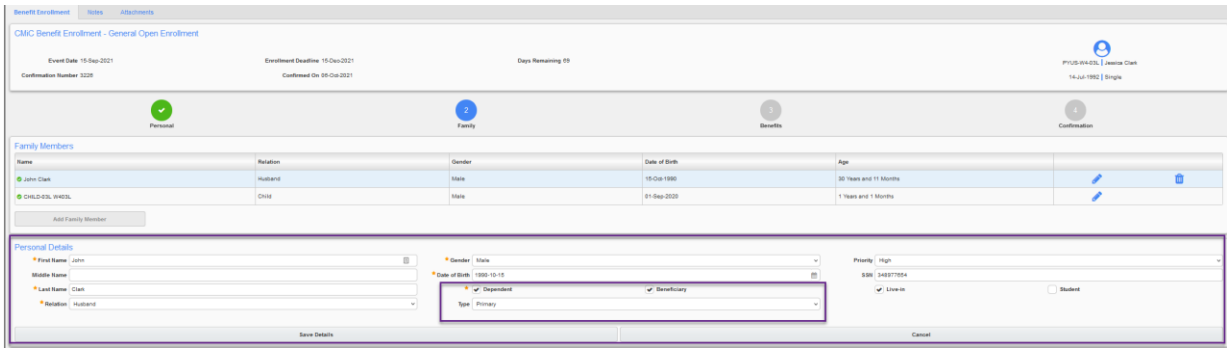
This screen allows user to add the member to the screen, Employee save the details and continue adding the family members by clicking the Add Family Members.

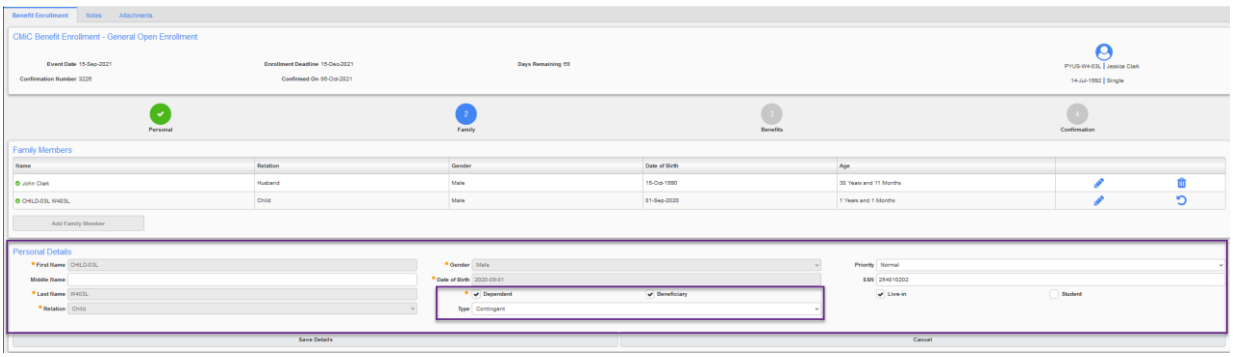
Note: There should be a Dependent and Beneficiary Flags so member can be indicated for the applicable category.

Dependents are added and saved, submitted, and approved by HR, and will be visible under HR Employee Relatives.

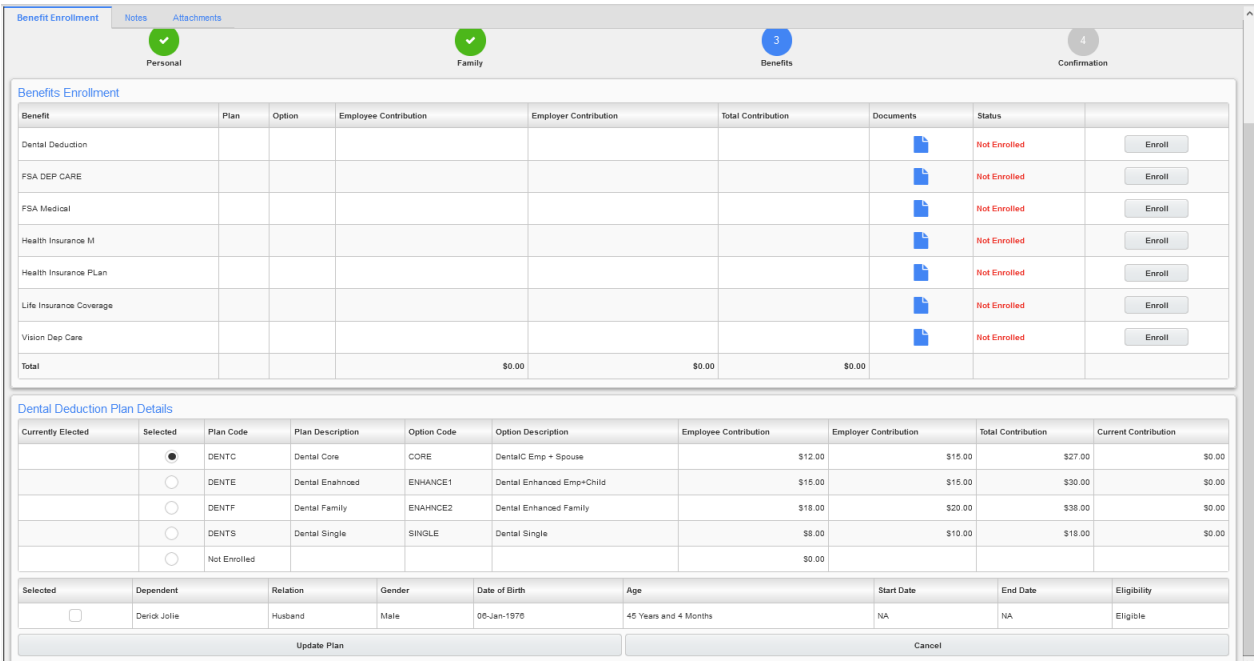
Once dependents are added in the family screen, they should be available on the Benefit screen, employee should not have to wait for the manager approval to view the dependents for the benefit selection.







Benefits:



In this screen employee can see all the benefits and deduction plans that, they are eligible showing all the plan options such as, Employee, Emp + Child, Emp + spouse, and Family.

Displaying the $ value of what employee will pay, what employer will contribute and what will be the total amount.

Documents:

Employee can download the document which provide the details of the particular benefit policy by the benefit provider, they are normally added by the HR department, and it is uploaded from the Benefit Master screen.

Statuses:

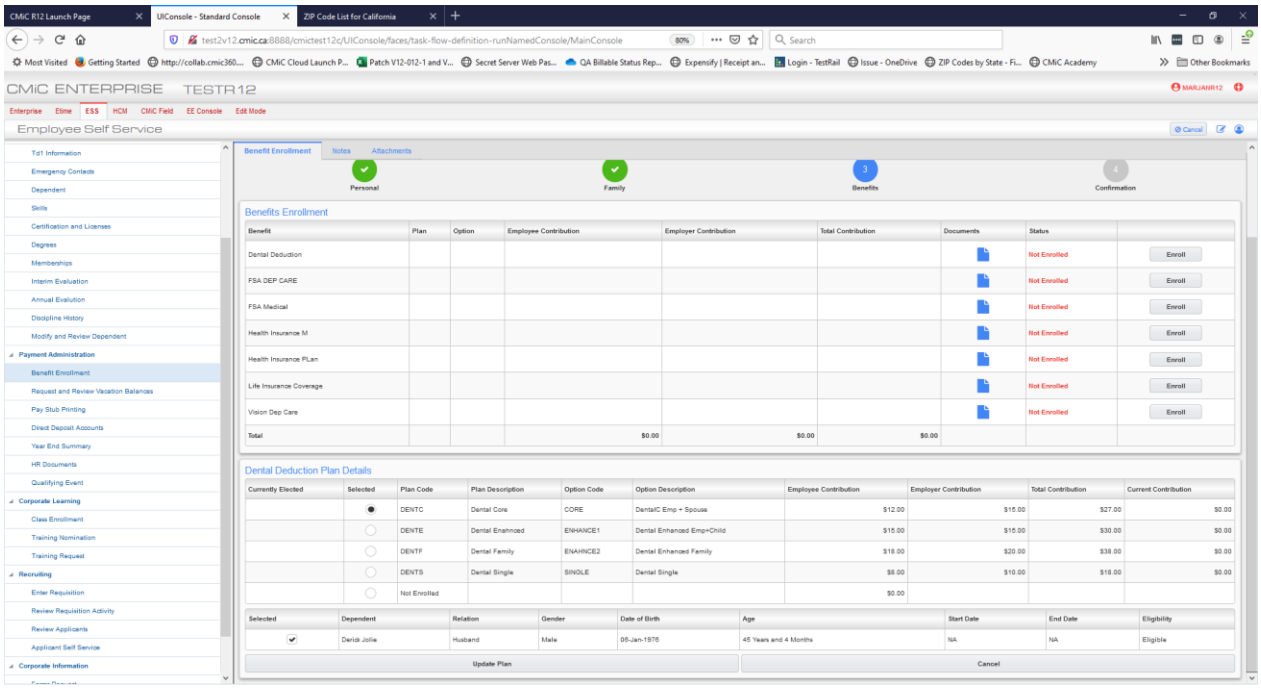
New Enrollment means they have recently enrolled.

Currently Enrolled means what employee have for the current time.

Not Enrolled means that employee is not currently enrolled and needs to review and select based on their requirements.

Change:

By clicking on the change button against Benefit/Deduction will allow employee to make the changes to the current election.



Employee can switch from one plan to another.

Employee Can edit the existing plans.

Employee can enroll the newly added plans.

Employee can edit the dependent during open enrollment in the benefit screen.

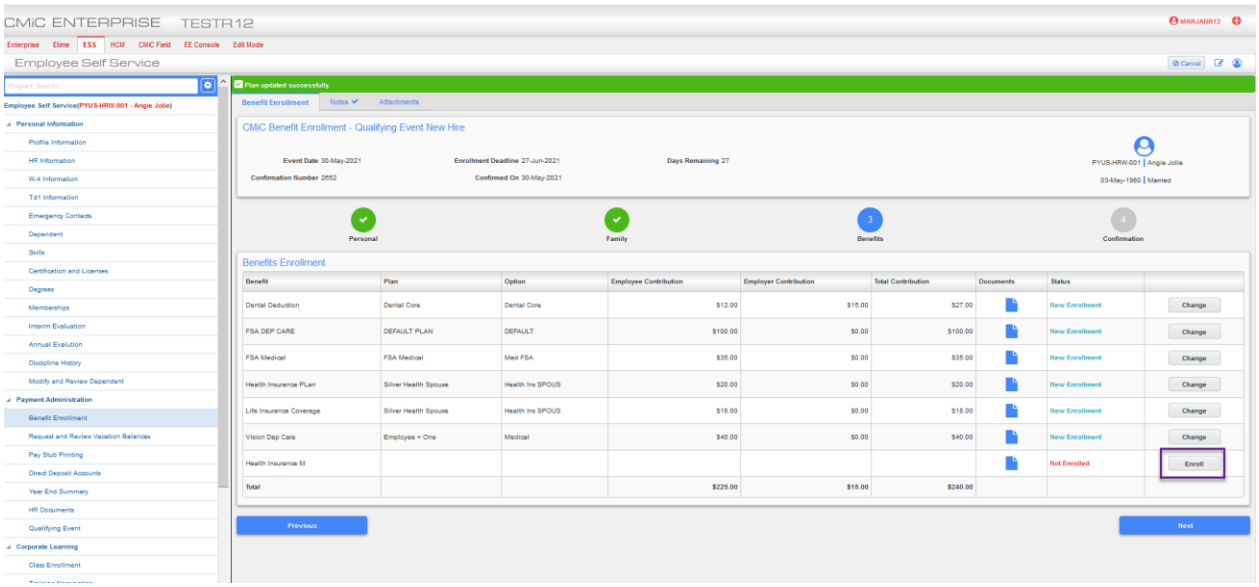
Employee can add or remove the dependent by checking or unchecking the selection box.

The employee dependent screen will reflect based on the employee being either Dependent or beneficiary if dependent has the beneficiary flag checked the screen will show the percentage and the type, if the dependent is primary or contingent.

If dependent is not a beneficiary and only flagged as a dependent the screen will show the benefit start and end dates. A Dependent can be both dependent and beneficiary at the same time

Enroll:

By Clicking on the Enroll option employee will be able to enroll themselves as well as their dependents into this new plan.

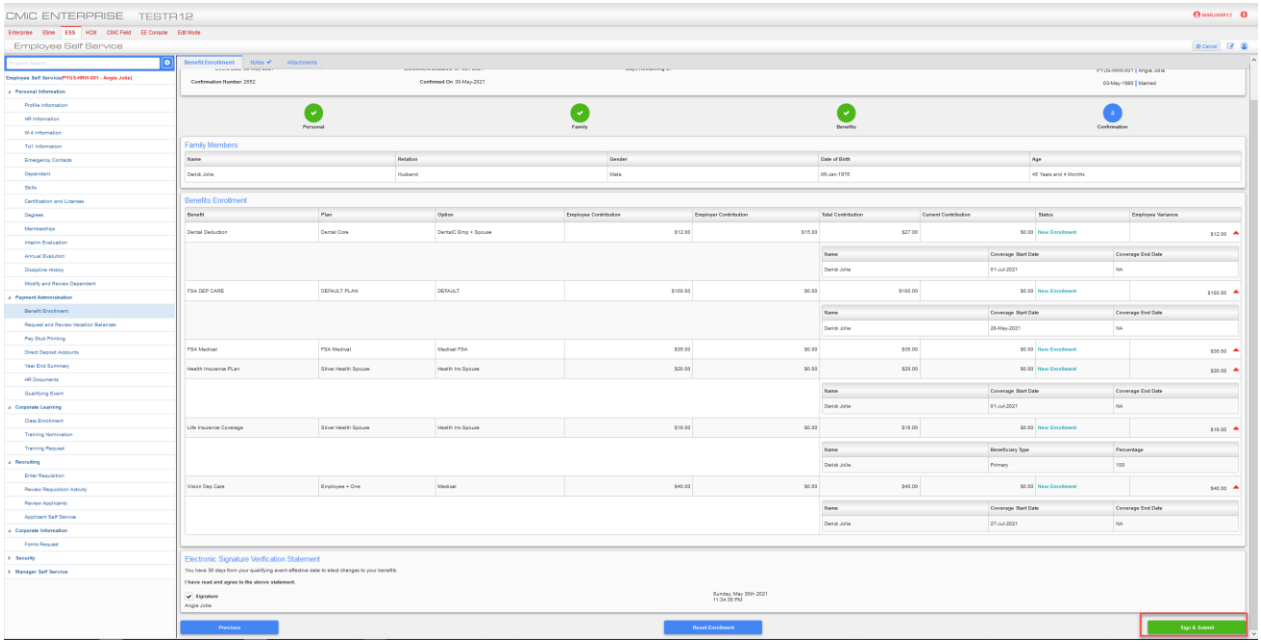


Beneficiary:

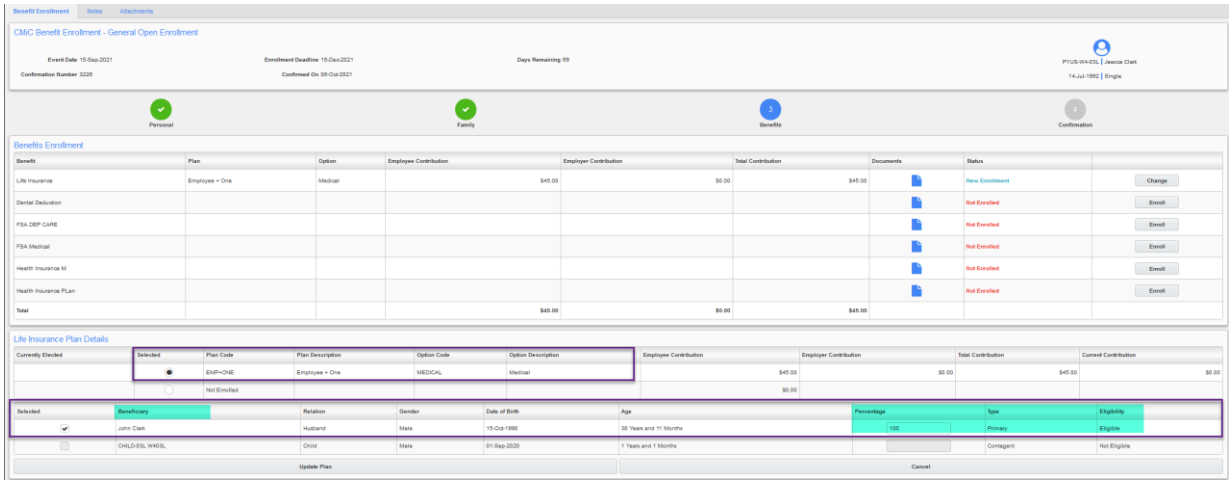
Based on the Master benefit flag, dependent allowed or beneficiary allowed block will display.

Note: In the master screen both flags cannot be selected for the same benefit\deduction

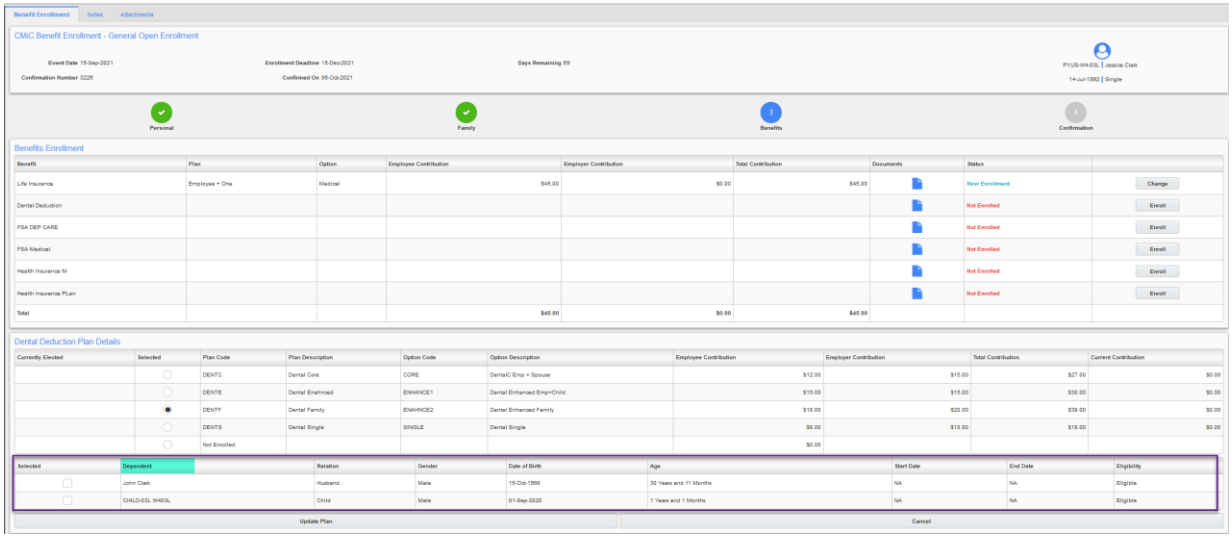
If Beneficiary is selected the screen will appear as below.



Dependent as Beneficiary with Plan that has ‘Beneficiary’ flag enabled.

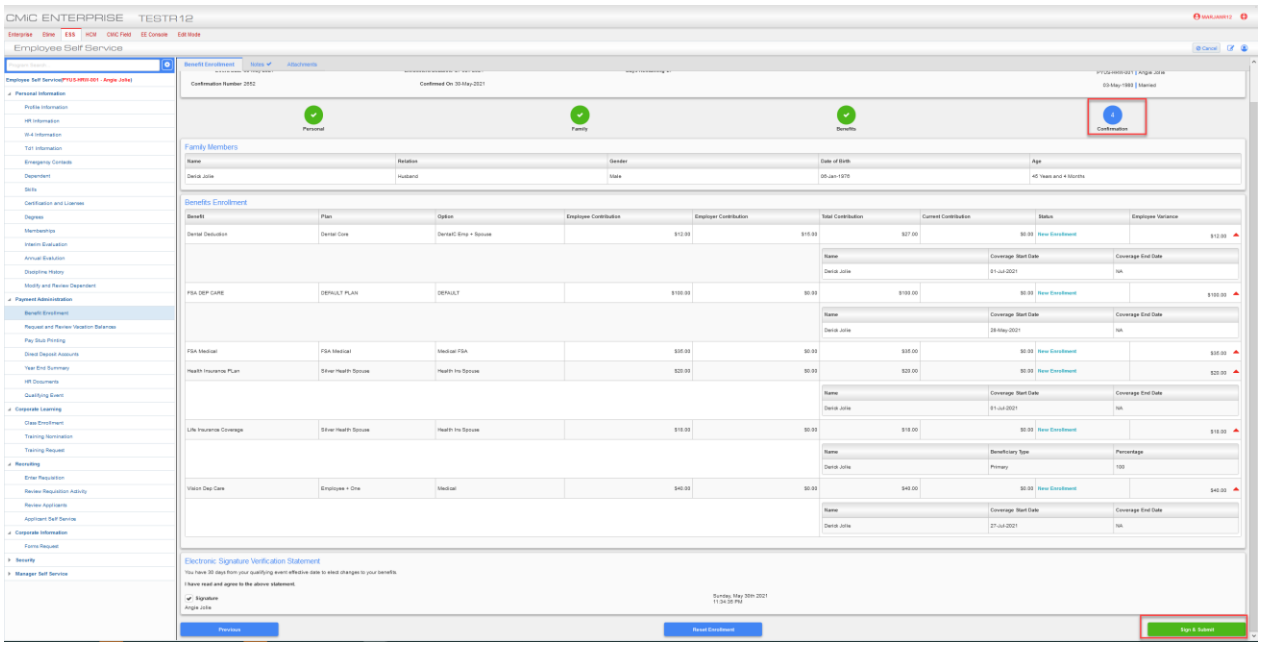


Dependent selected for a plan without the ‘Beneficiary’ flag disabled. The screen will not have the percentage and type columns and the heading Beneficiary will display ‘Dependent’ with the enrollment date and end dates of the benefit.



Confirmation:

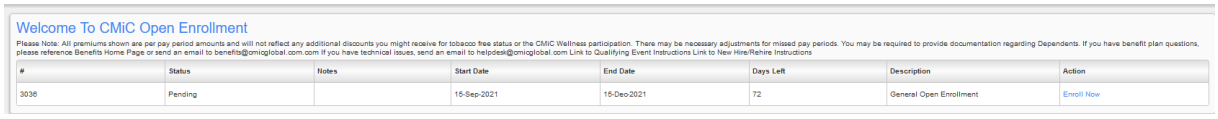
Employee will confirm all the details for the Family Members and Benefit Enrollment and will check the consent check box and will save and submit.

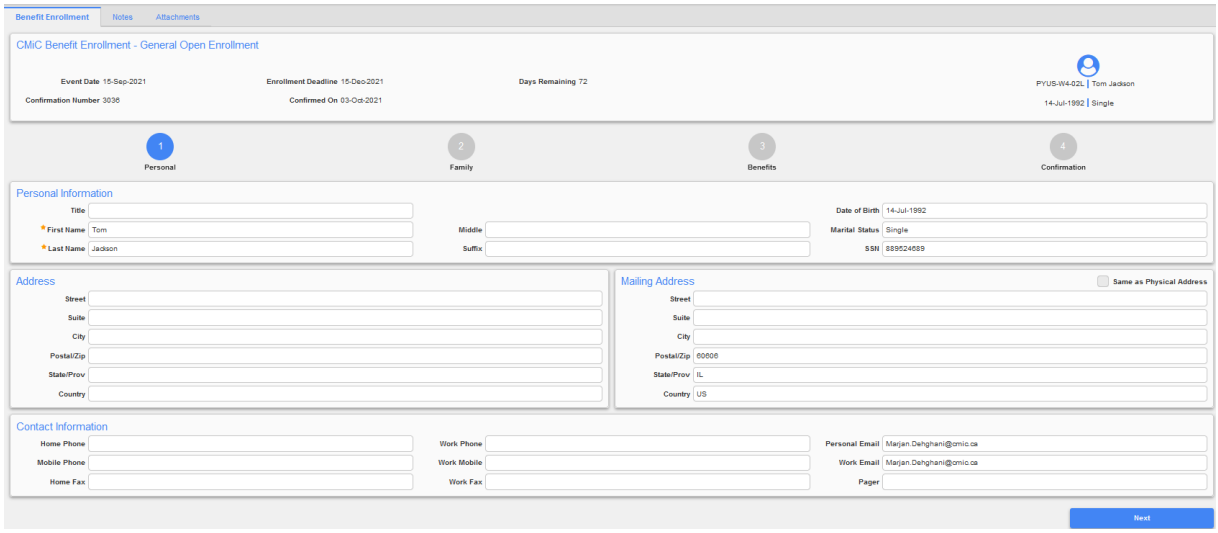


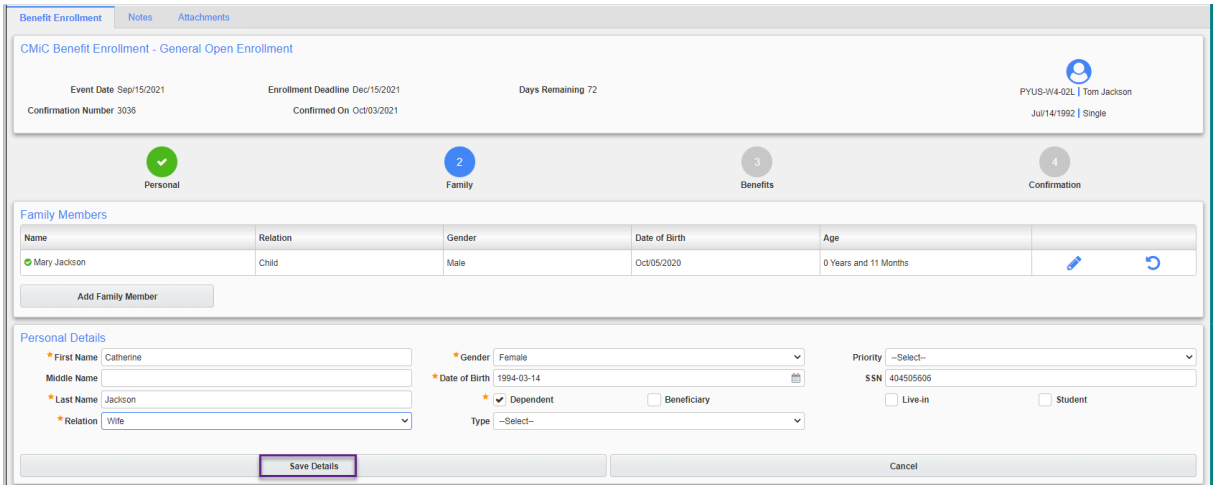
NOTE: In HR Prompt Maintenance each customer can define their own consent verbiage.

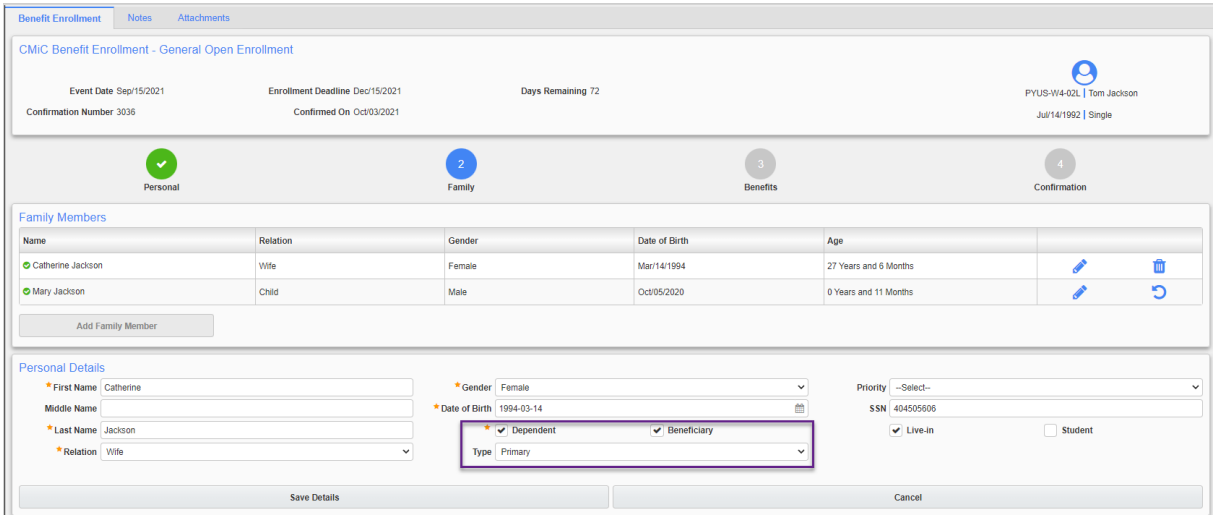
Generic can appear as default as specified above, but we should give the ability to customer to define their own consent.

ESS – General Open Enrollment Process






Benefit Enrollment
Notes
Attachments
CMiC Benefit Enrollment - General Open Enrollment
Event Date Sep/15/2021
Enrollment Deadline Dec/15/2021
Days Remaining 72
Confirmation Number 3036
Confirmed On Oct/03/2021
PYUS-W4-02L | Tom Jackson
Jul/14/1992 | Single
Personal
2
Family
3
Benefits
4
Confirmation
Family Members
Name
Relation
Gender
Date of Birth
Age
Mary Jackson
Child
Male
Oct/05/2020
0 Years and 11 Months
Add Family Member
Personal Details
*First Name Catherine
Middle Name
*Last Name Jackson
*Relation Wife
*Gender Female
*Date of Birth 1994-03-14
*Dependent
Beneficiary
Type --Select--
Priority --Select--
SSN 404505606
Live-in
Student
Save Details
Cancel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CMiC Benefit Enrollment - General Open Enrollment
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Enrollment Deadline Dec/15/2021
Days Remaining 72
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PYUS-W4-02L | Tom Jackson
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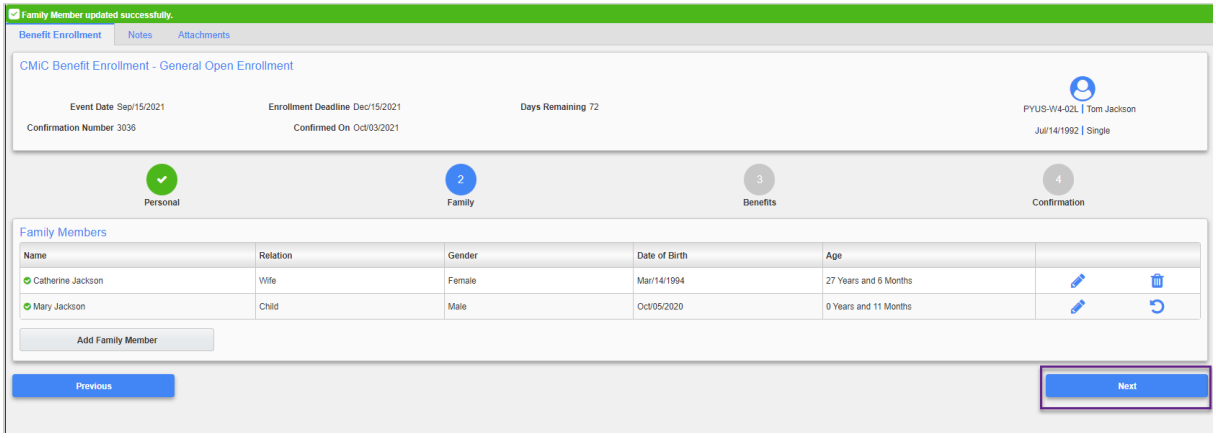
Confirmation
Family Members
Name
Relation
Gender
Date of Birth
Age
Catherine Jackson
Wife
Female
Mar/14/1994
27 Years and 6 Months
Mary Jackson
Child
Male
Oct/05/2020
0 Years and 11 Months
Add Family Member
Personal Details
*First Name Catherine
Middle Name
*Last Name Jackson
*Relation Wife
*Gender Female
*Date of Birth 1994-03-14
*Dependent
Beneficiary
Type Primary
Priority --Select--
SSN 404505606
Live-in
Student
Save Details
Cancel


Family Member updated successfully.
Benefit Enrollment
Notes
Attachments
CMiC Benefit Enrollment - General Open Enrollment
Event Date Sep/15/2021
Enrollment Deadline Dec/15/2021
Days Remaining 72
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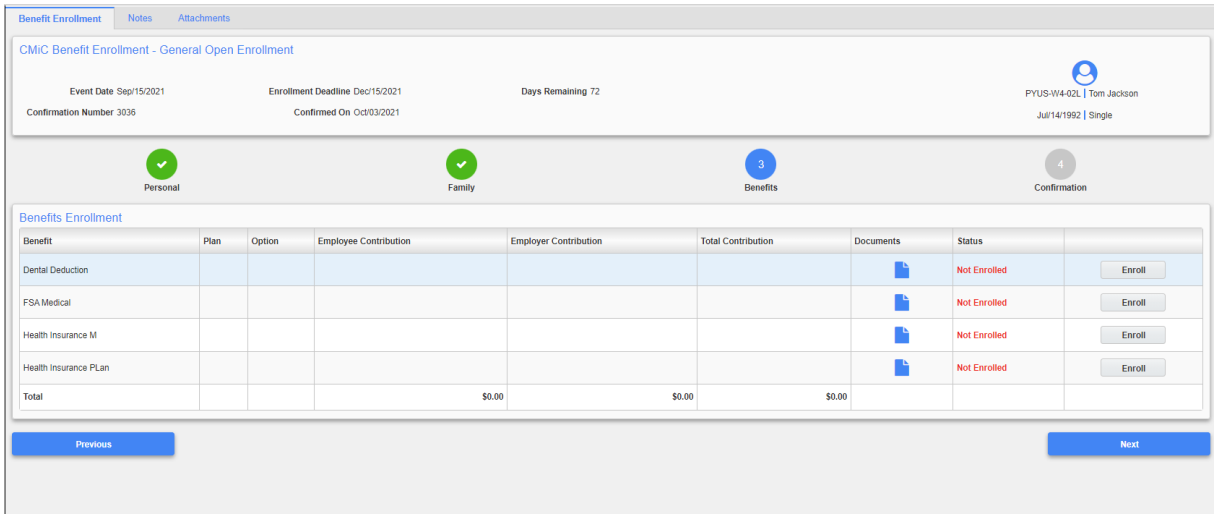
PYUS-W4-02L | Tom Jackson
Jul/14/1992 | Single
Personal
2
Family
3
Benefits
4
Confirmation
Family Members
Name
Relation
Gender
Date of Birth
Age
Catherine Jackson
Wife
Female
Mar/14/1994
27 Years and 6 Months
Mary Jackson
Child
Male
Oct/05/2020
0 Years and 11 Months
Add Family Member
Previous
Next


Benefit Enrollment
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Attachments
CMiC Benefit Enrollment - General Open Enrollment
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Enrollment Deadline Dec/15/2021
Days Remaining 72
Confirmation Number 3036
Confirmed On Oct/03/2021
PYUS-W4-02L | Tom Jackson
Jul/14/1992 | Single
Personal
Family
3
Benefits
4
Confirmation
Benefits Enrollment
Benefit
Plan
Option
Employee Contribution
Employer Contribution
Total Contribution
Documents
Status
Dental Deduction
Not Enrolled
Enroll
FSA Medical
Not Enrolled
Enroll
Health Insurance M
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Enroll
Health Insurance PLan
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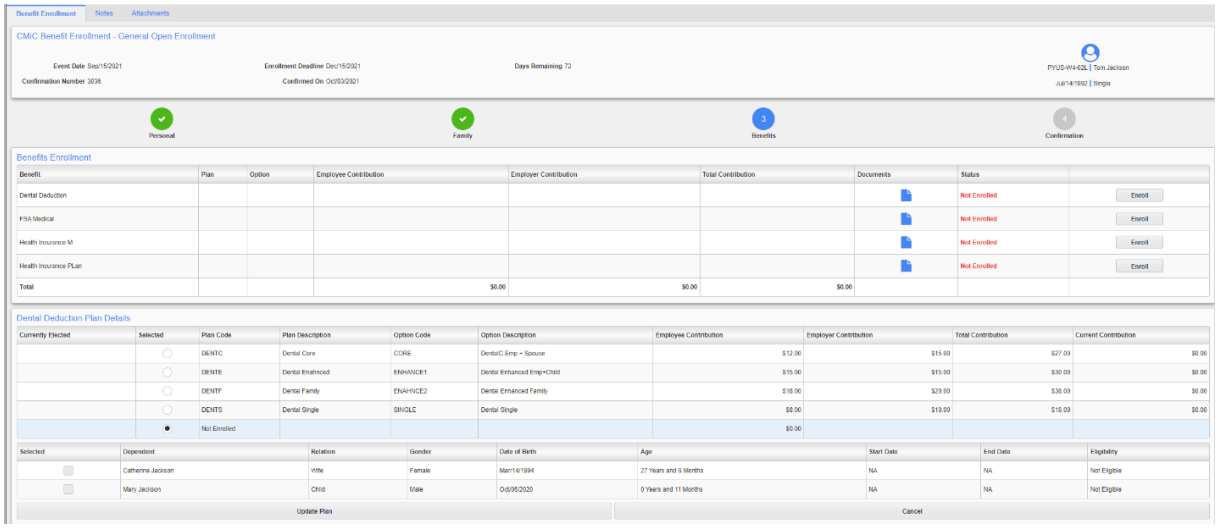
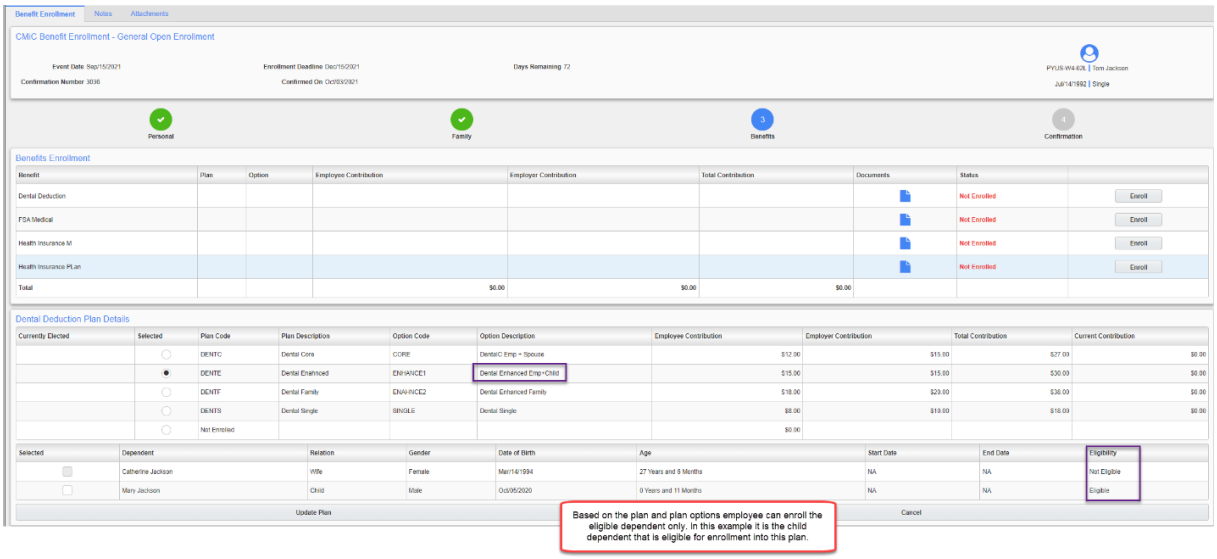
Enroll
Total
$0.00
$0.00
$0.00
Previous
Next


Benefit Enrollment
Notes
Attachments
CMiC Benefit Enrollment - General Open Enrollment
Benefits Enrollment
Dental Deduction Plan Details
Update Plan
Cancel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Confirmation Number 3036
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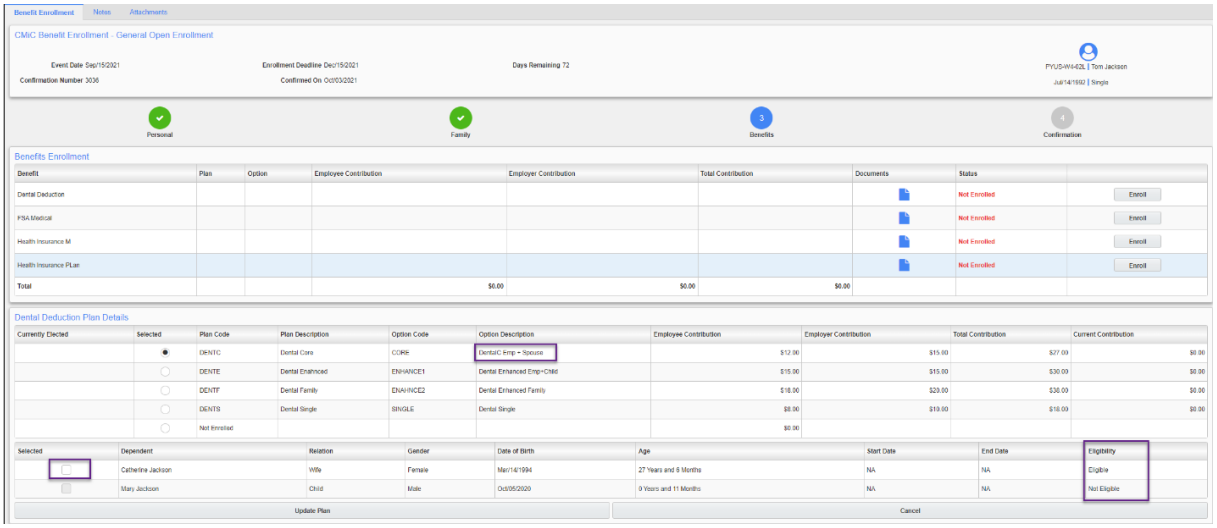
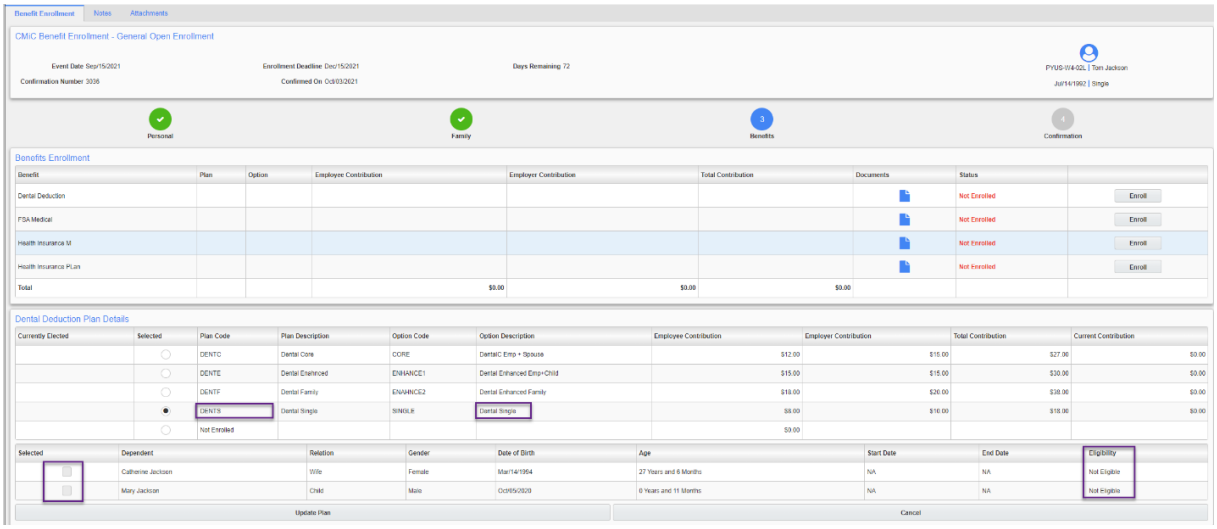
Benefits
Confirmation
Benefits Enrollment
Benefit
Plan
Option
Employee Contribution
Employer Contribution
Total Contribution
Documents
Status
Dental Deduction
FSA Medical
Health Insurance M
Health Insurance PLan
Total
Not Enrolled
Enroll
Dental Deduction Plan Details
Currently Elected
Selected
Plan Code
Plan Description
Option Code
Option Description
DENTC
Dental Core
CORE
DentalC Emp + Spouse
DENTE
Dental Enahnced
ENHANCE1
Dental Enhanced Emp+Child
DENTF
Dental Family
ENHANCE2
Dental Enhanced Family
DENTS
Dental Single
SINGLE
Dependent
Relation
Gender
Date of Birth
Age
Start Date
End Date
Eligibility
Catherine Jackson
Wife
Female
Mar/14/1994
27 Years and 8 Months
NA
Not Eligible
Mary Jackson
Child
Male
Oct/05/2020
0 Years and 11 Months
Eligible
Update Plan
Cancel
Based on the plan and plan options employee can enroll the eligible dependent only. In this example it is the child dependent that is eligible for enrollment into this plan.


Benefit Enrollment
Notes
Attachments
CMiC Benefit Enrollment - General Open Enrollment
Event Date Sep/15/2021
Confirmation Number 3036
Enrollment Deadline Dec/15/2021
Confirmed On Oct/03/2021
Days Remaining 72
Personal
Family
Benefits
Confirmation
Benefits Enrollment
Dental Deduction Plan Details
DentalC Emp + Spouse
Dental Enhanced Emp+Child
Eligible
Not Eligible


Benefit Enrollment
Notes
Attachments
CMiC Benefit Enrollment - General Open Enrollment
Event Date Sep/15/2021
Enrollment Deadline Dec/15/2021
Days Remaining 72
Confirmation Number 3036
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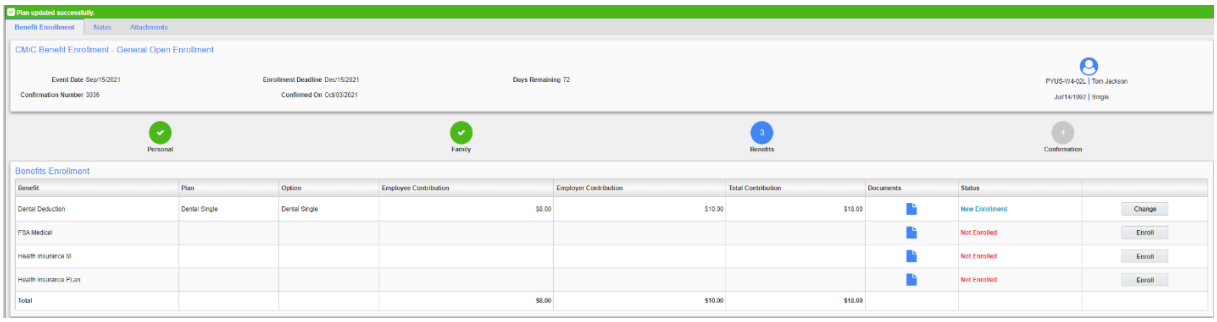
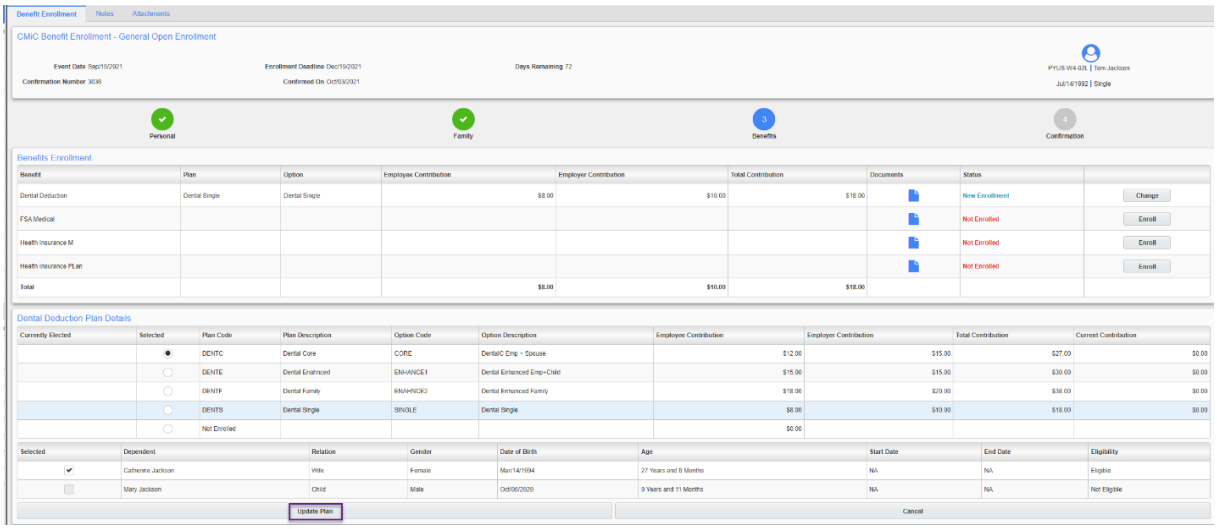
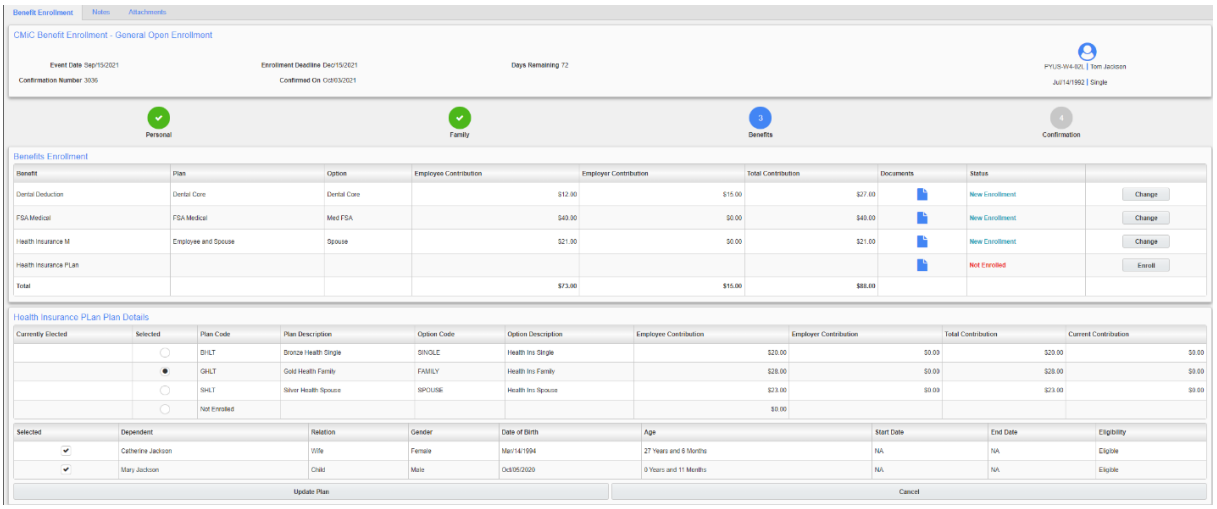
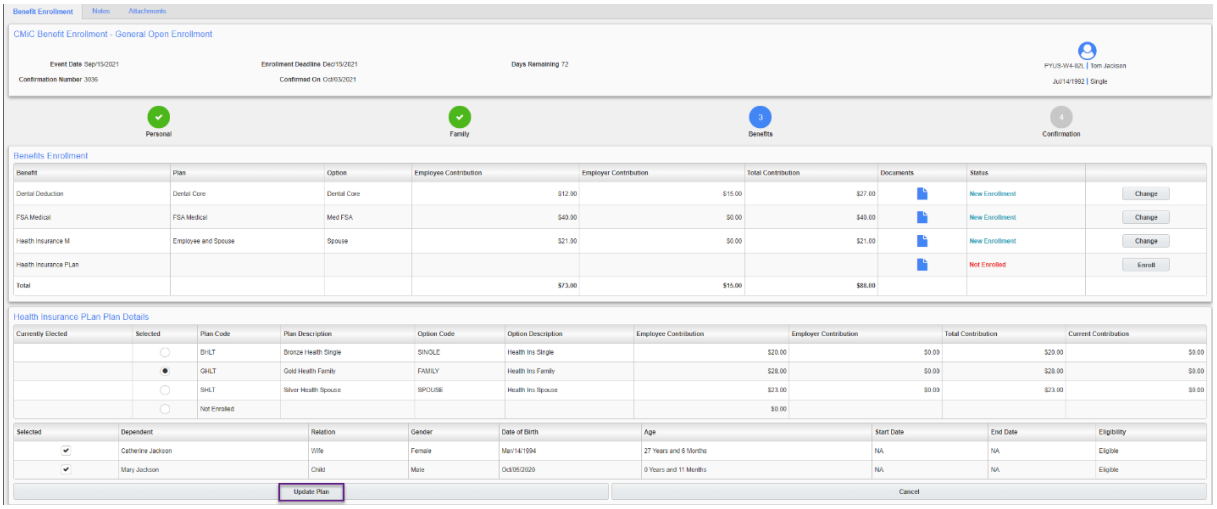
Personal
Family
Benefits
Confirmation
Benefits Enrollment
Benefit
Plan
Option
Employee Contribution
Employer Contribution
Total Contribution
Documents
Status
Dental Deduction
FSA Medical
Health Insurance M
Health Insurance PLan
Total
Not Enrolled
Enroll
Dental Deduction Plan Details
Currently Elected
Selected
Plan Code
Plan Description
Option Code
Option Description
Current Contribution
DENTC
Dental Core
CORE
DentalC Emp + Spouse
DENTE
Dental Enahnced
ENHANCE1
Dental Enhanced Emp+Child
DENTF
Dental Family
ENHANCE2
Dental Enhanced Family
DENTS
Dental Single
SINGLE
Not Enrolled
Dependent
Relation
Gender
Date of Birth
Age
Start Date
End Date
Eligibility
Catherine Jackson
Wife
Female
Mary Jackson
Child
Male
Not Eligible
Update Plan
Cancel


Plan updated successfully.
Benefit Enrollment
Notes
Attachments
CMiC Benefit Enrollment - General Open Enrollment
Benefits Enrollment
New Enrollment
Change
Enroll


Benefit Enrollment
Notes
Attachments
CMiC Benefit Enrollment - General Open Enrollment
Benefits Enrollment
Dental Deduction Plan Details
Update Plan
Cancel


Benefit Enrollment
Notes
Attachments
CMiC Benefit Enrollment - General Open Enrollment
Event Date Sep/15/2021
Confirmation Number 3036
Enrollment Deadline Dec/15/2021
Confirmed On Oct/03/2021
Days Remaining 72
Personal
Family
Benefits
Confirmation
Benefits Enrollment
Benefit
Plan
Option
Employee Contribution
Employer Contribution
Total Contribution
Documents
Status
Dental Deduction
Dental Core
Dental Core
$12.00
$15.00
$27.00
New Enrollment
Change
FSA Medical
FSA Medical
Med FSA
$40.00
$0.00
$40.00
New Enrollment
Change
Health Insurance M
Employee and Spouse
Spouse
$21.00
$0.00
$21.00
New Enrollment
Change
Health Insurance PLan
Not Enrolled
Enroll
Total
$73.00
$15.00
$88.00
Health Insurance PLan Plan Details
Currently Elected
Selected
Plan Code
Plan Description
Option Code
Option Description
Employee Contribution
Employer Contribution
Total Contribution
Current Contribution
BHLT
Bronze Health Single
SINGLE
Health Ins Single
$20.00
$9.00
$29.00
$0.00
GHLT
Gold Health Family
FAMILY
Health Ins Family
$28.00
$0.00
$28.00
$0.00
SHLT
Silver Health Spouse
SPOUSE
Health Ins Spouse
$23.00
$0.00
$23.00
$0.00
Not Enrolled
$0.00
Selected
Dependent
Relation
Gender
Date of Birth
Age
Start Date
End Date
Eligibility
Catherine Jackson
Wife
Female
Mar/14/1994
27 Years and 6 Months
NA
NA
Eligible
Mary Jackson
Child
Male
Oct/05/2020
0 Years and 11 Months
NA
NA
Eligible
Update Plan
Cancel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Attachments
CMiC Benefit Enrollment - General Open Enrollment
Event Date Sep/15/2021
Confirmation Number 3036
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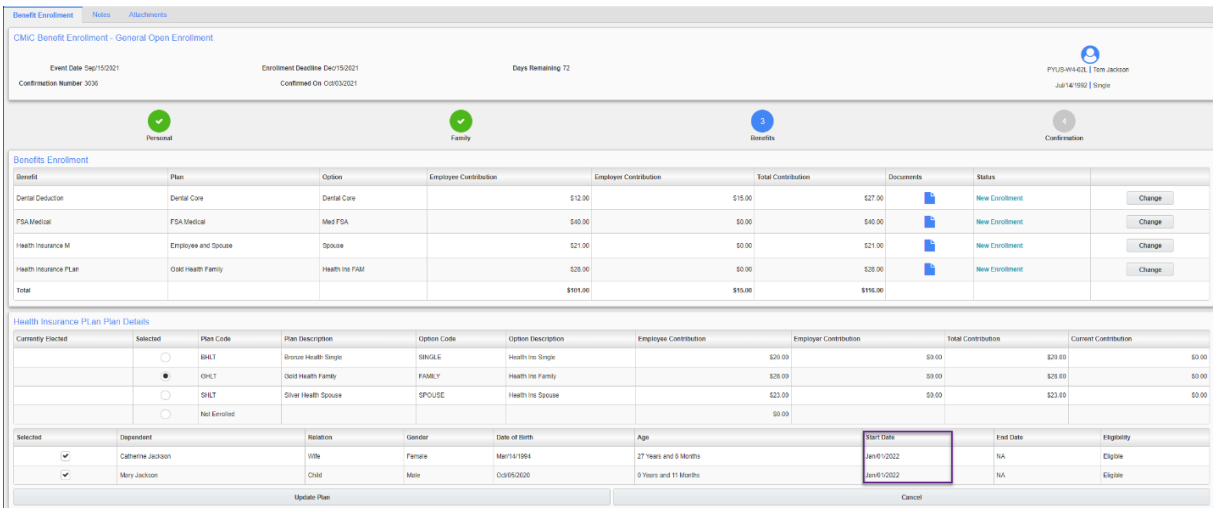
Personal
Family
Benefits
Confirmation
Benefits Enrollment
Benefit
Plan
Option
Employee Contribution
Employer Contribution
Total Contribution
Documents
Status
Dental Deduction
Dental Core
Dental Core
$12.00
$15.00
$27.00
New Enrollment
Change
FSA Medical
FSA Medical
Med FSA
$40.00
$0.00
$40.00
New Enrollment
Change
Health Insurance M
Employee and Spouse
Spouse
$21.00
$0.00
$21.00
New Enrollment
Change
Health Insurance PLan
Not Enrolled
Enroll
Total
$73.00
$15.00
$88.00
Health Insurance PLan Plan Details
Currently Elected
Selected
Plan Code
Plan Description
Option Code
Option Description
Employee Contribution
Employer Contribution
Total Contribution
Current Contribution
BHLT
Bronze Health Single
SINGLE
Health Ins Single
$20.00
$9.00
$29.00
$0.00
GHLT
Gold Health Family
FAMILY
Health Ins Family
$28.00
$0.00
$28.00
$0.00
SHLT
Silver Health Spouse
SPOUSE
Health Ins Spouse
$23.00
$0.00
$23.00
$0.00
Not Enrolled
$0.00
Selected
Dependent
Relation
Gender
Date of Birth
Age
Start Date
End Date
Eligibility
Catherine Jackson
Wife
Female
Mar/14/1994
27 Years and 6 Months
NA
NA
Eligible
Mary Jackson
Child
Male
Oct/05/2020
0 Years and 11 Months
NA
NA
Eligible
Update Plan
Cancel


Benefit Enrollment
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Attachments
CMiC Benefit Enrollment - General Open Enrollment
Event Date Sep/15/2021
Confirmation Number 3036
Enrollment Deadline Dec/15/2021
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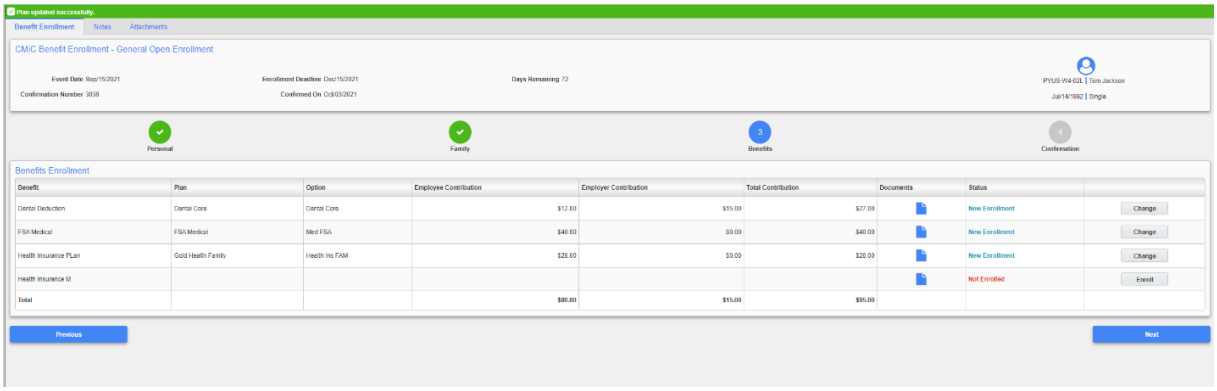
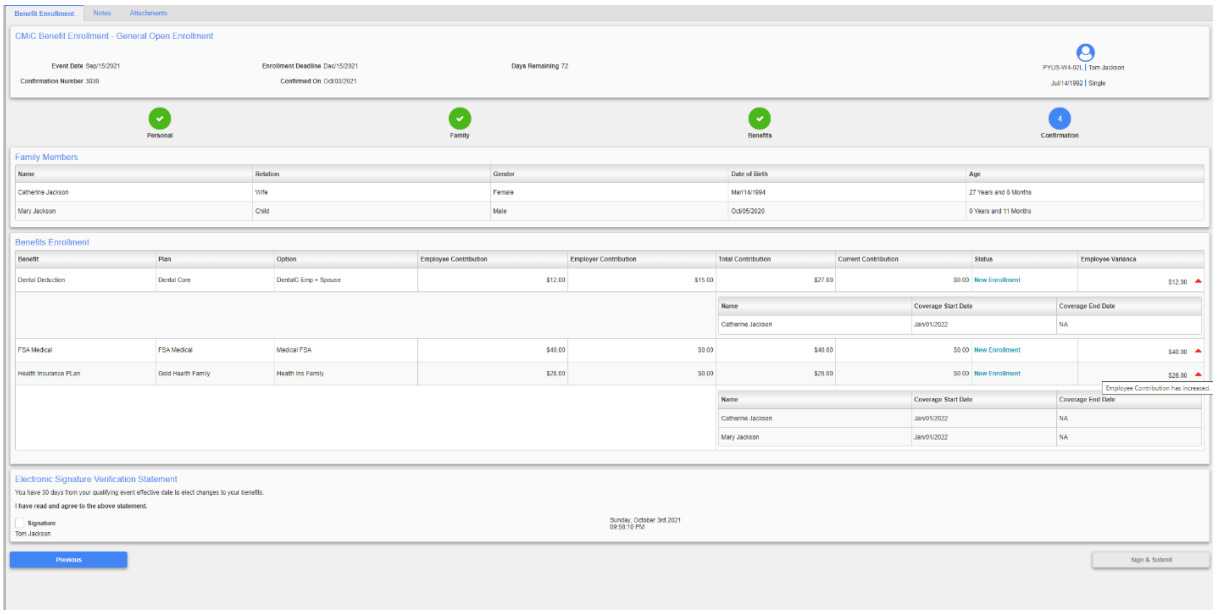
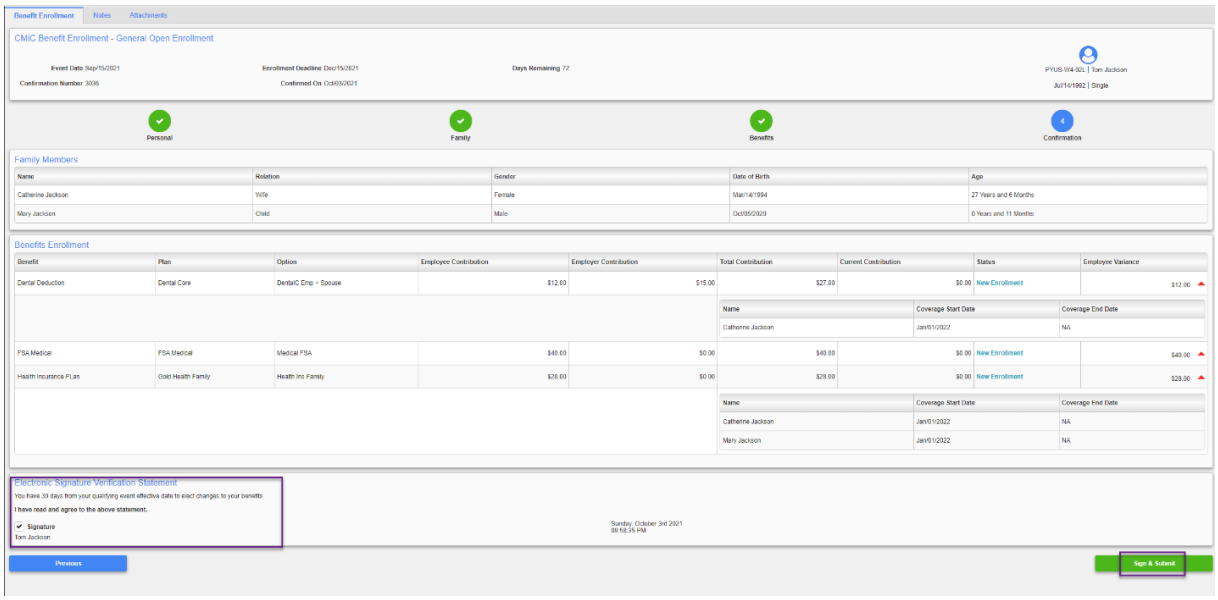
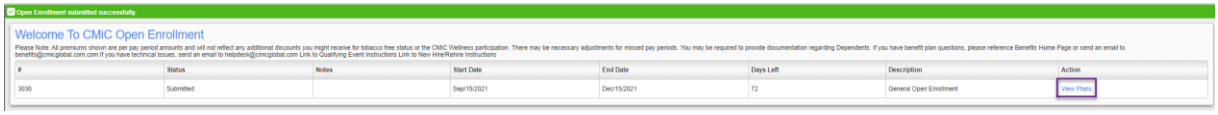
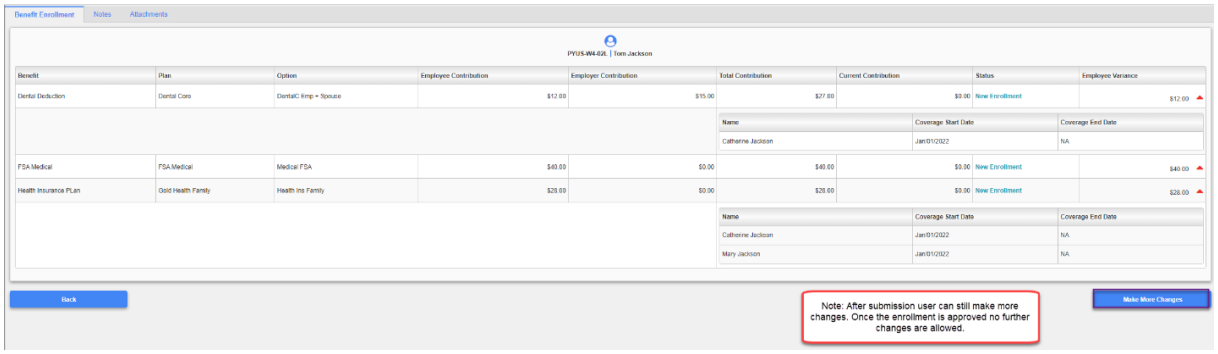
Family
Benefits
Confirmation
Benefits Enrollment
Benefit
Plan
Option
Employee Contribution
Employer Contribution
Total Contribution
Documents
Status
Dental Deduction
Dental Core
Dental Core
$12.00
$15.00
$27.00
New Enrollment
Change
FSA Medical
FSA Medical
Med FSA
$40.00
$0.00
$40.00
New Enrollment
Change
Health Insurance M
Employee and Spouse
Spouse
$21.00
$0.00
$21.00
New Enrollment
Change
Health Insurance PLan
Gold Health Family
Health Ins FAM
$28.00
$0.00
$28.00
New Enrollment
Change
Total
$101.00
$15.00
$116.00
Health Insurance PLan Plan Details
Currently Elected
Selected
Plan Code
Plan Description
Option Code
Option Description
Employee Contribution
Employer Contribution
Total Contribution
Current Contribution
BHLT
Bronze Health Single
SINGLE
Health Ins Single
$20.00
$9.00
$29.00
$0.00
GHLT
Gold Health Family
FAMILY
Health Ins Family
$28.00
$0.00
$28.00
$0.00
SHLT
Silver Health Spouse
SPOUSE
Health Ins Spouse
$23.00
$0.00
$23.00
$0.00
Not Enrolled
$0.00
Selected
Dependent
Relation
Gender
Date of Birth
Age
Start Date
End Date
Eligibility
Catherine Jackson
Wife
Female
Mar/14/1994
27 Years and 6 Months
Jan/01/2022
NA
Eligible
Mary Jackson
Child
Male
Oct/05/2020
0 Years and 11 Months
Jan/01/2022
NA
Eligible
Update Plan
Cancel


Plan updated successfully.
Benefit Enrollment
Notes
Attachments
CMiC Benefit Enrollment - General Open Enrollment
Event Date Sep/15/2021
Enrollment Deadline Dec/15/2021
Days Remaining 72
Confirmation Number 3936
Confirmed On Oct/03/2021
PYUS-W4-02L | Tom Jackson
Jul/14/1992 | Single
Personal
Family
3
Benefits
4
Confirmation
Benefits Enrollment
Benefit
Plan
Option
Employee Contribution
Employer Contribution
Total Contribution
Documents
Status
Dental Deduction
Dental Core
Dental Core
$12.00
$15.00
$27.00
New Enrollment
Change
FSA Medical
FSA Medical
Med FSA
$40.00
$0.00
$40.00
New Enrollment
Change
Health Insurance PLan
Gold Health Family
Health Ins FAM
$28.00
$0.00
$28.00
New Enrollment
Change
Health Insurance M
Not Enrolled
Enroll
Total
$80.00
$15.00
$95.00
Previous
Next

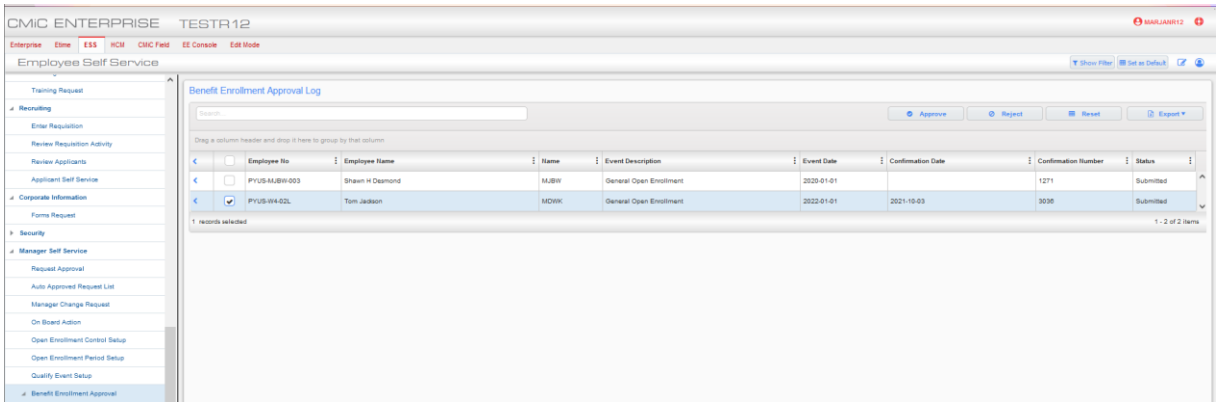

Benefit Enrollment
Notes
Attachments
CMiC Benefit Enrollment - General Open Enrollment
Event Date Sep/15/2021
Enrollment Deadline Dec/15/2021
Days Remaining 72
Confirmation Number 3936
Confirmed On Oct/03/2021
PYUS-W4-02L | Tom Jackson
Jul/14/1992 | Single
Personal
Family
Benefits
4
Confirmation
Family Members
Name
Relation
Gender
Date of Birth
Age
Catherine Jackson
Wife
Female
Mar/14/1994
27 Years and 6 Months
Mary Jackson
Child
Male
Oct/05/2020
0 Years and 11 Months
Benefits Enrollment
Benefit
Plan
Option
Employee Contribution
Employer Contribution
Total Contribution
Current Contribution
Status
Employee Variance
Dental Deduction
Dental Core
DentalC Emp + Spouse
$12.00
$15.00
$27.00
$0.00
New Enrollment
$12.00
Name
Coverage Start Date
Coverage End Date
Catherine Jackson
Jan/01/2022
NA
FSA Medical
FSA Medical
Medical FSA
$40.00
$0.00
$40.00
$0.00
New Enrollment
$40.00
Health Insurance PLan
Gold Health Family
Health Ins Family
$28.00
$0.00
$28.00
$0.00
New Enrollment
$28.00
Employee Contribution has increased.
Name
Coverage Start Date
Coverage End Date
Catherine Jackson
Jan/01/2022
NA
Mary Jackson
Jan/01/2022
NA
Electronic Signature Verification Statement
You have 30 days from your qualifying event effective date to elect changes to your benefits.
I have read and agree to the above statement.
Signature
Tom Jackson
Sunday, October 3rd 2021
09:58:10 PM
Previous
Sign & Submit

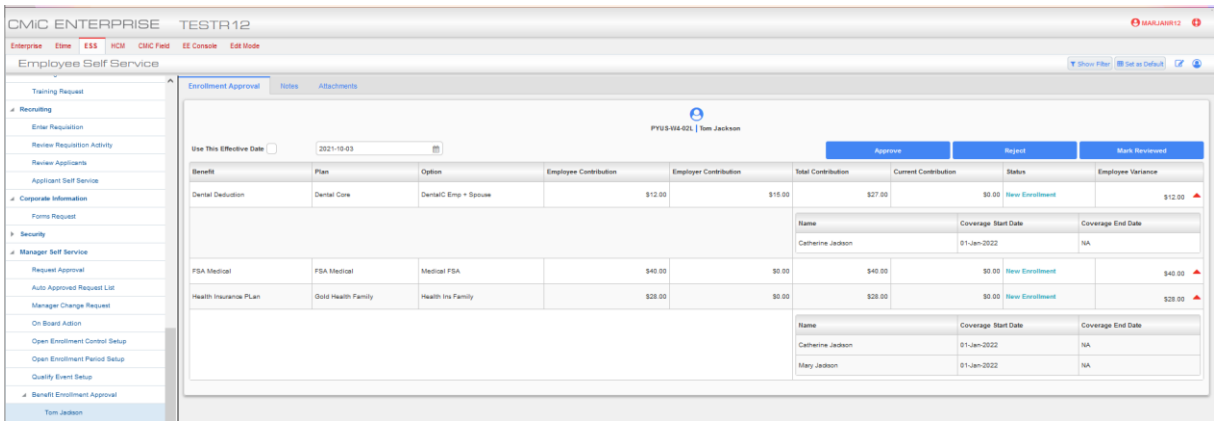

Benefit Enrollment
Notes
Attachments
CMiC Benefit Enrollment - General Open Enrollment
Personal
Family
Benefits
Confirmation
Family Members
Benefits Enrollment
Electronic Signature Verification Statement
I have read and agree to the above statement.
Previous
Sign & Submit

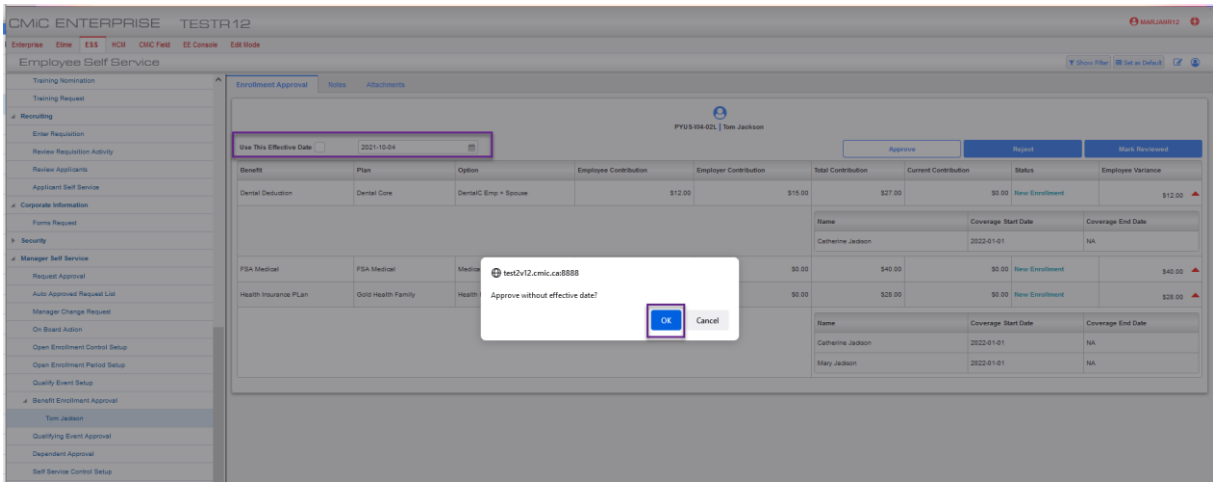

Open Enrollment submitted successfully.
Welcome To CMiC Open Enrollment
View Plans


Benefit Enrollment
Notes
Attachments
Back
Note: After submission user can still make more changes. Once the enrollment is approved no further changes are allowed.
Make More Changes

Approval process







Your request for open enrollment has been approved

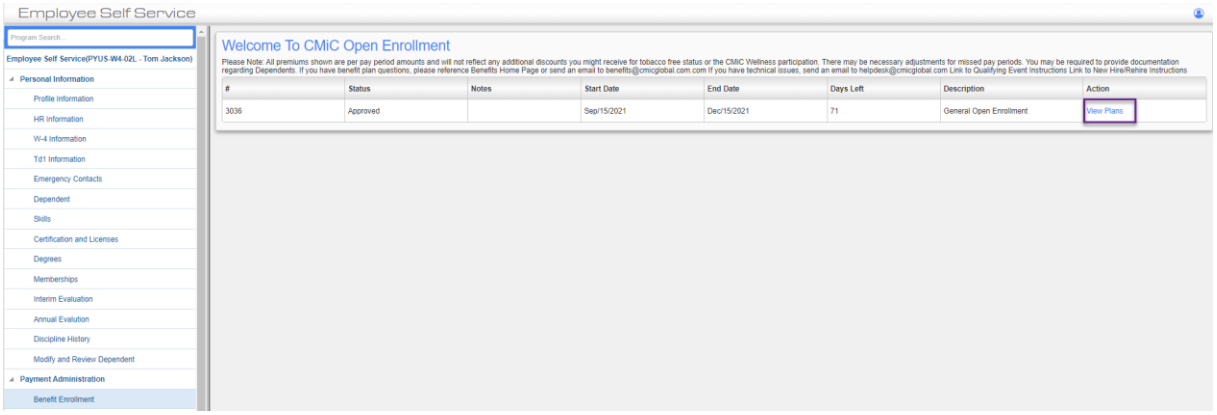
test2v12@cmic.ca
To Marjan Dehghani

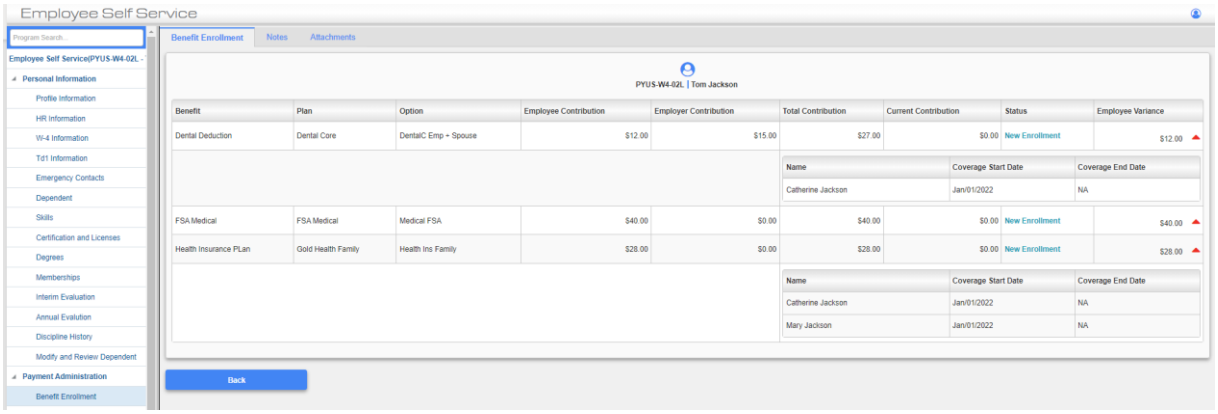
If there are problems with how this message is displayed, click here to view it in a web browser.

External Email Proceed with Caution

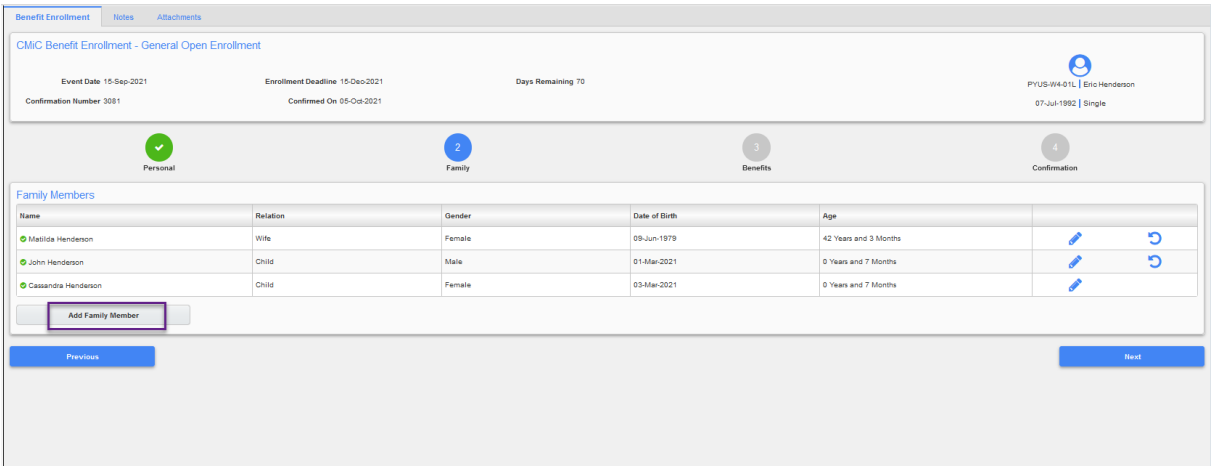
Dear Tom Jackson,
Your request for open enrollment has been approved.
Sincerely,
The CMIC Employee Self-Service Team

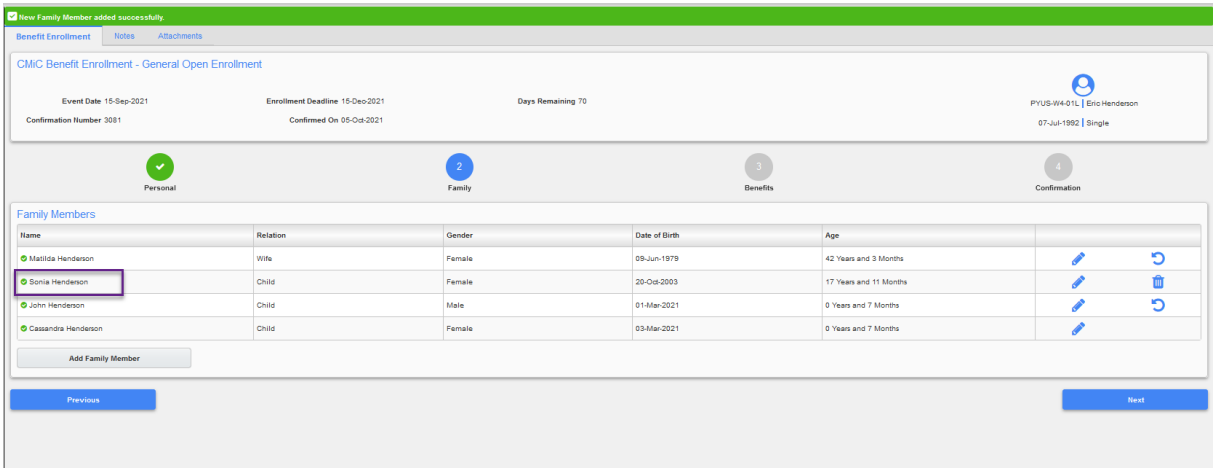
Approved Plan – View Plans



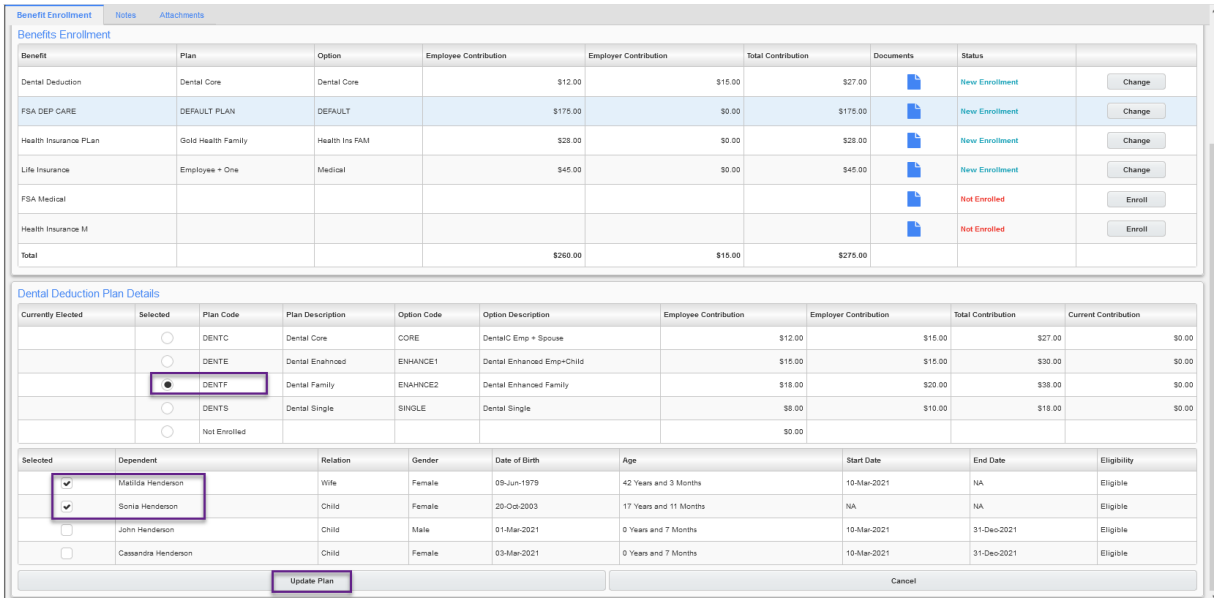


Overview of ‘Adding’ and ‘Deleting’ Family Members during Open Enrollment process:

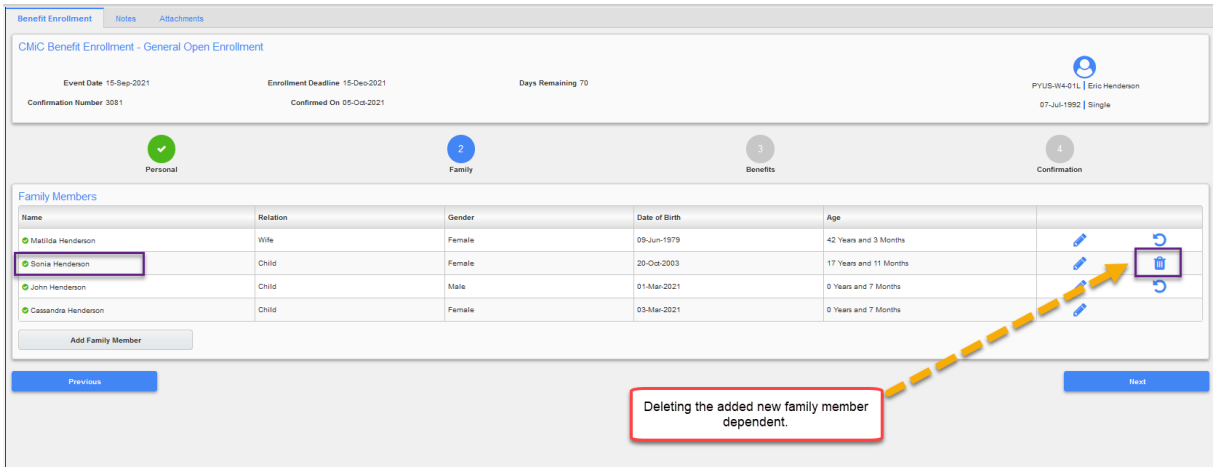


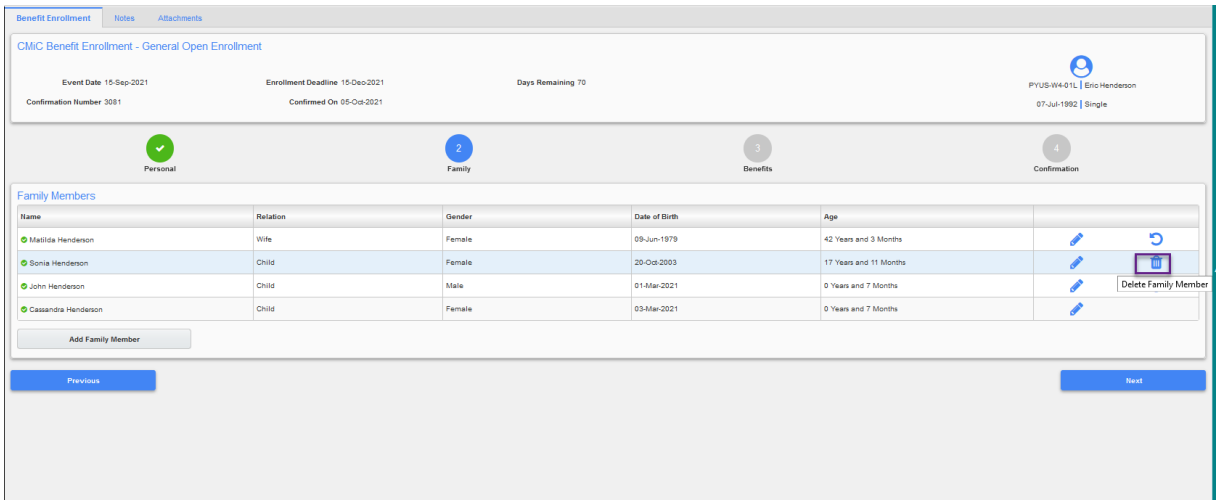


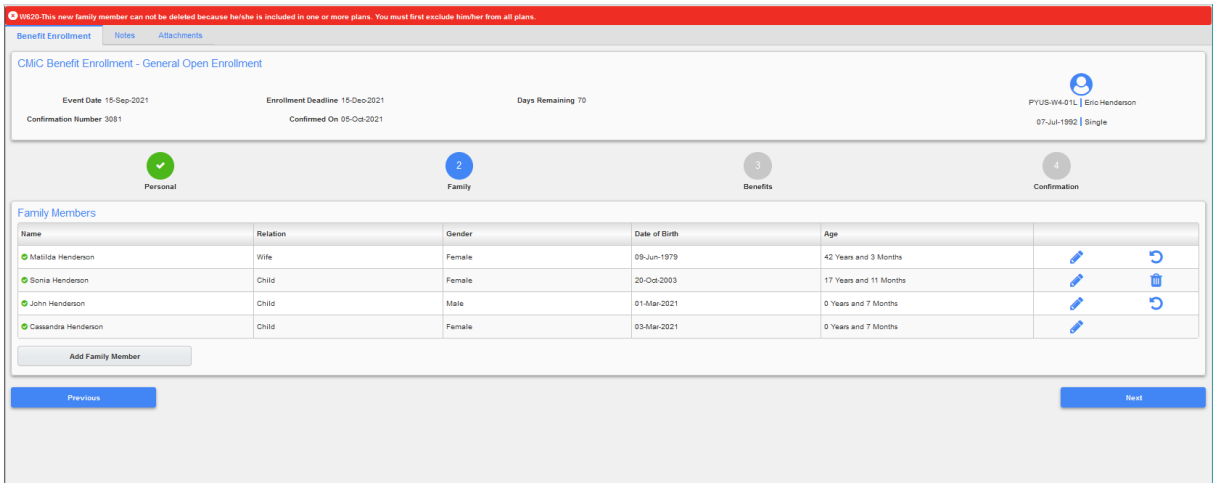
The added family member is included and enrolled in the plans:

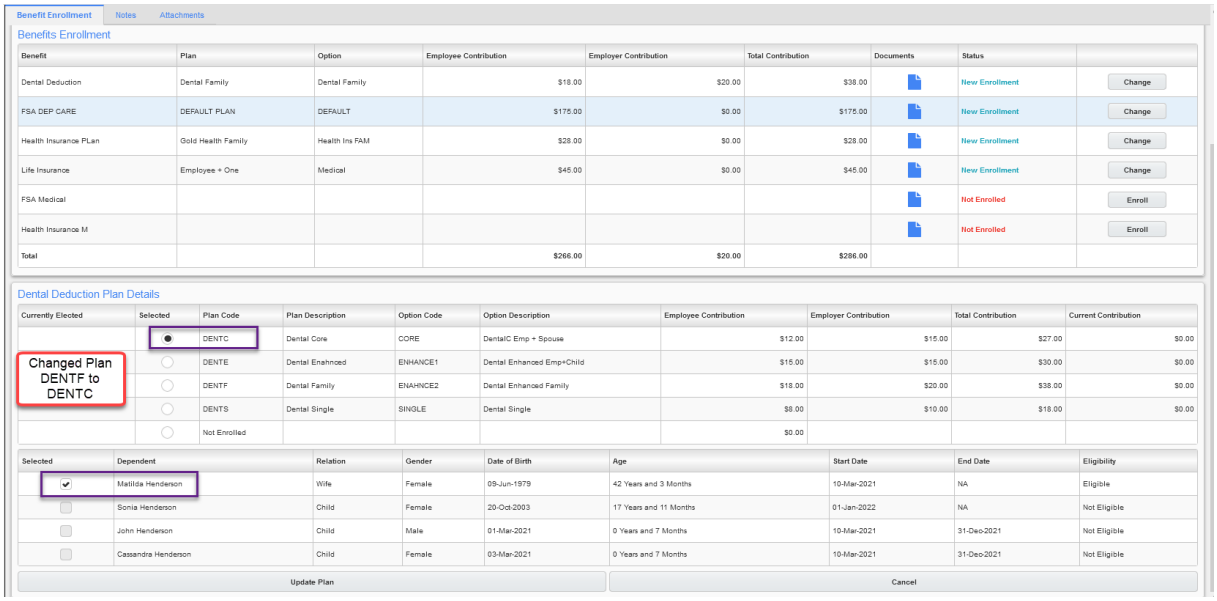


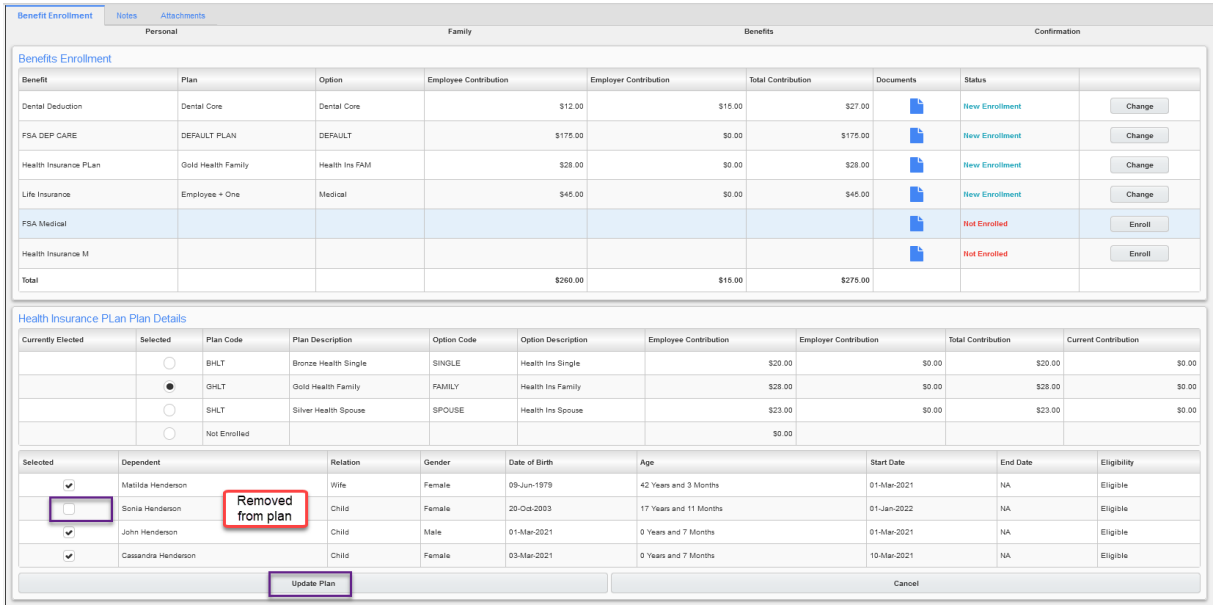
Deleting the added family member after his/her inclusion in the plan:



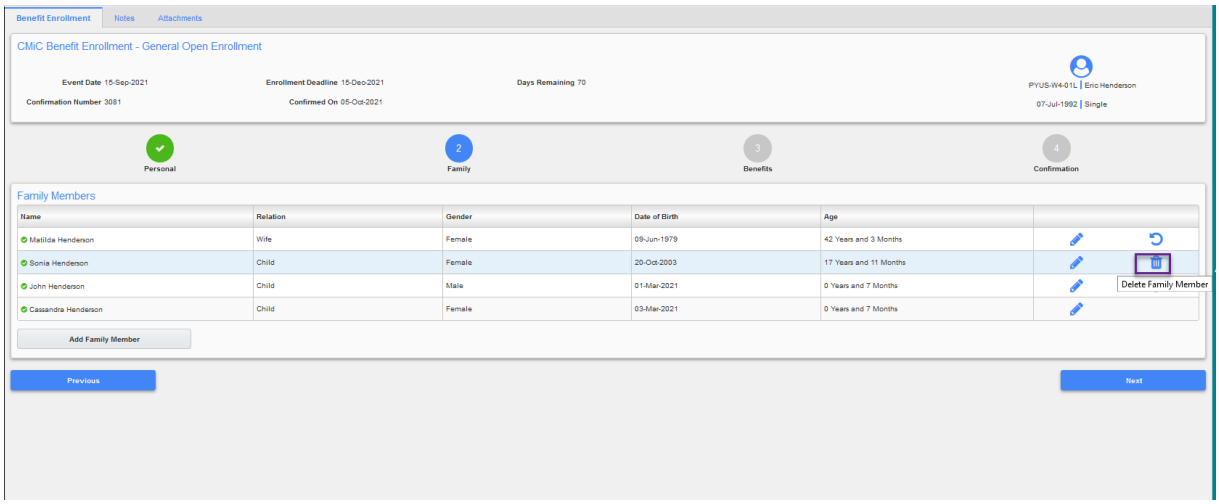

Benefit Enrollment
Notes
Attachments
CMiC Benefit Enrollment - General Open Enrollment
Event Date 15-Sep-2021
Enrollment Deadline 15-Dec-2021
Days Remaining 70
Confirmation Number 3081
Confirmed On 05-Oct-2021
PYUS-W4-01L | Eric Henderson
07-Jul-1992 | Single
Personal
2
Family
3
Benefits
4
Confirmation
Family Members
Name
Relation
Gender
Date of Birth
Age
Matilda Henderson
Wife
Female
09-Jun-1979
42 Years and 3 Months
Sonia Henderson
Child
Female
20-Oct-2003
17 Years and 11 Months
John Henderson
Child
Male
01-Mar-2021
0 Years and 7 Months
Cassandra Henderson
Child
Female
03-Mar-2021
0 Years and 7 Months
Delete Family Member
Add Family Member
Previous
Next

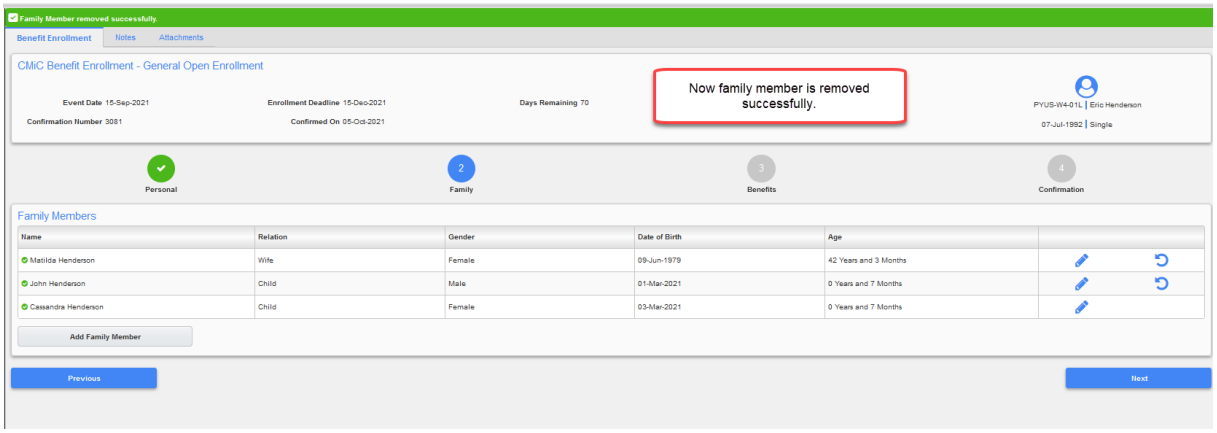

W620-This new family member can not be deleted because he/she is included in one or more plans. You must first exclude him/her from all plans.
Benefit Enrollment
Notes
Attachments
CMiC Benefit Enrollment - General Open Enrollment
Event Date 15-Sep-2021
Enrollment Deadline 15-Dec-2021
Days Remaining 70
Confirmation Number 3081
Confirmed On 05-Oct-2021
PYUS-W4-01L | Eric Henderson
07-Jul-1992 | Single
Personal
2
Family
3
Benefits
4
Confirmation
Family Members
Name
Relation
Gender
Date of Birth
Age
Matilda Henderson
Wife
Female
09-Jun-1979
42 Years and 3 Months
Sonia Henderson
Child
Female
20-Oct-2003
17 Years and 11 Months
John Henderson
Child
Male
01-Mar-2021
0 Years and 7 Months
Cassandra Henderson
Child
Female
03-Mar-2021
0 Years and 7 Months
Add Family Member
Previous
Next

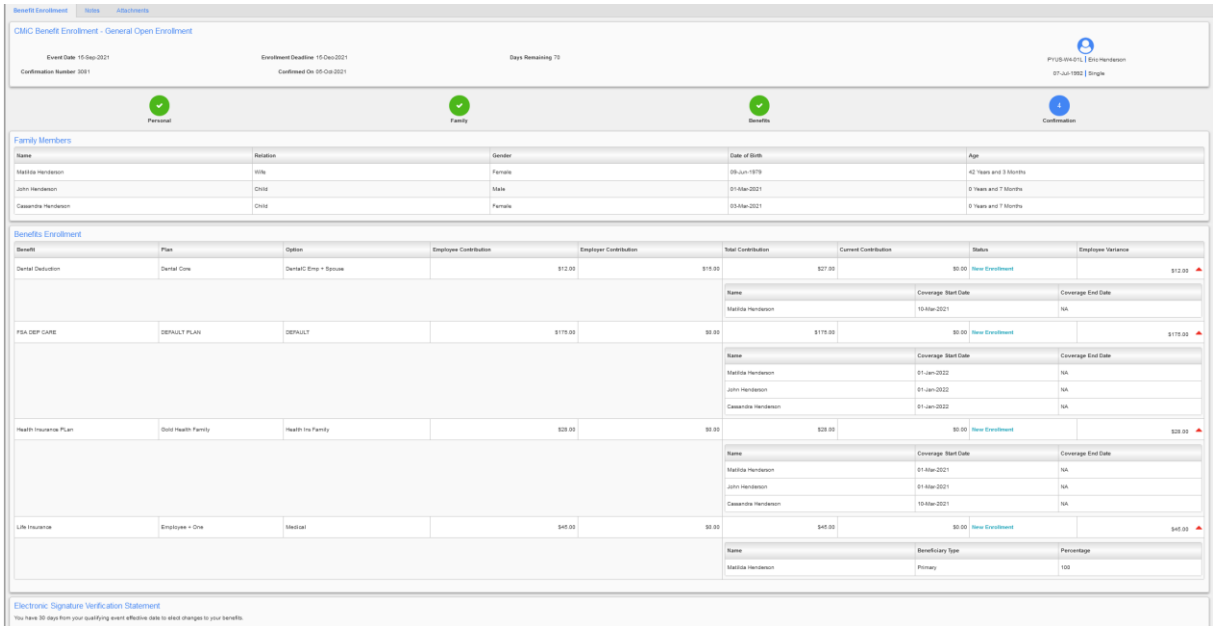


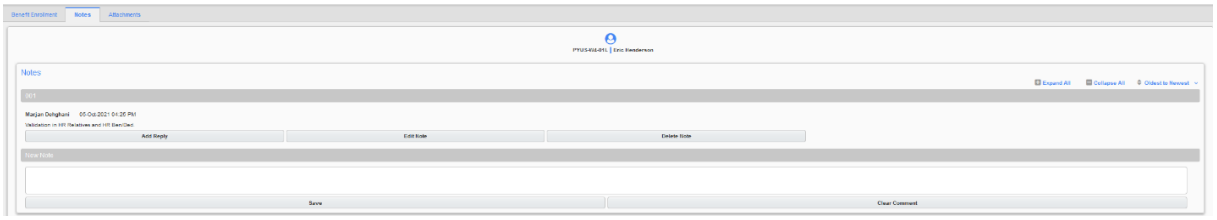


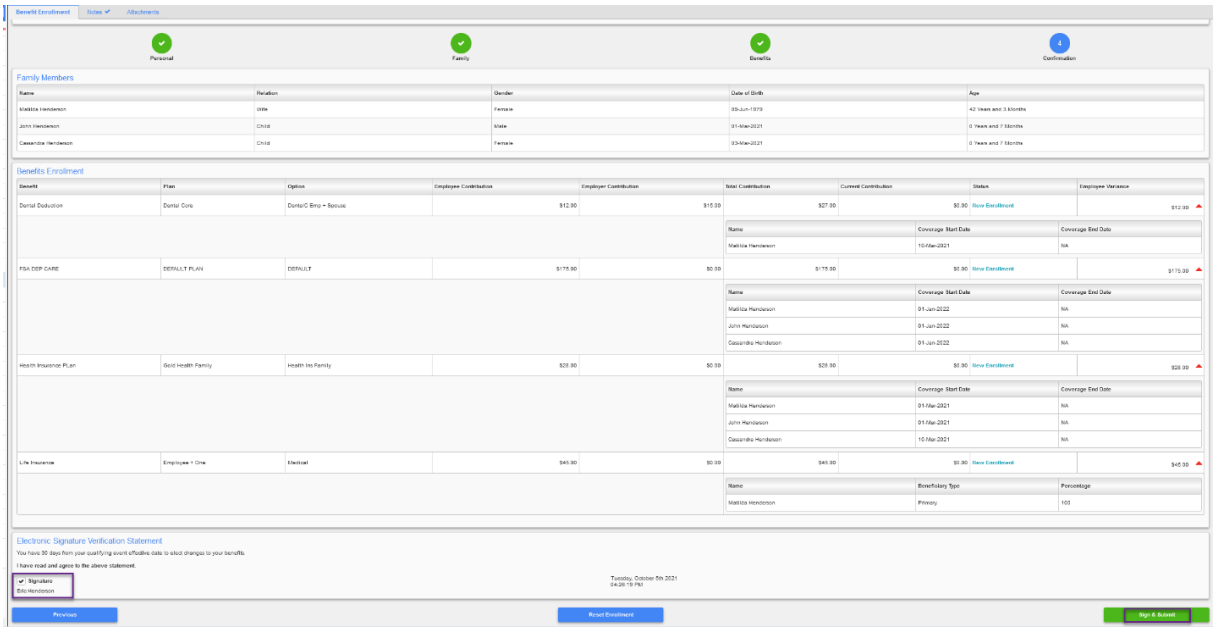
The added family member is now removed successfully.

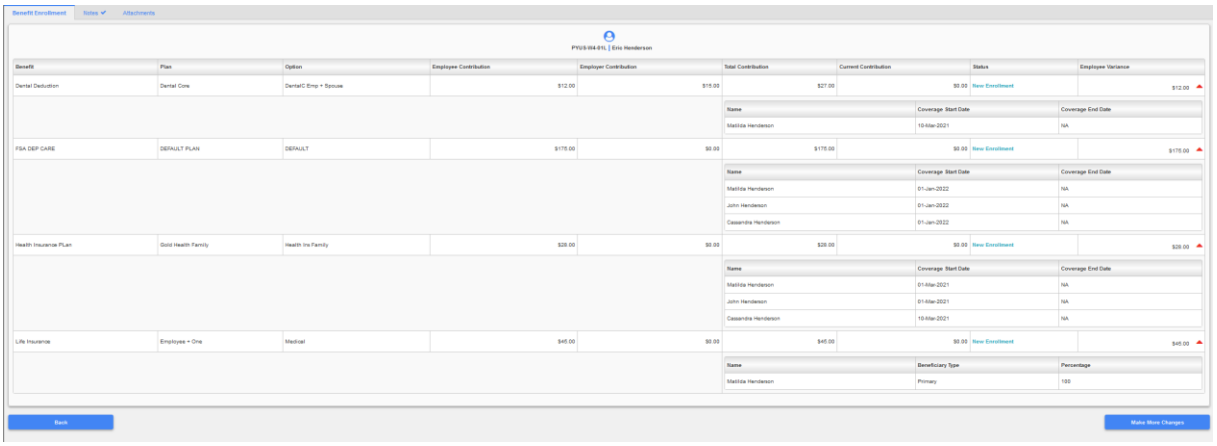

Benefit Enrollment
Notes
Attachments
CMiC Benefit Enrollment - General Open Enrollment
Event Date 15-Sep-2021
Enrollment Deadline 15-Dec-2021
Days Remaining 70
Confirmation Number 3081
Confirmed On 05-Oct-2021
PYUS-W4-01L | Eric Henderson
07-Jul-1992 | Single
Personal
2
Family
3
Benefits
4
Confirmation
Family Members
Name
Relation
Gender
Date of Birth
Age
Matilda Henderson
Wife
Female
09-Jun-1979
42 Years and 3 Months
Sonia Henderson
Child
Female
20-Oct-2003
17 Years and 11 Months
John Henderson
Child
Male
01-Mar-2021
0 Years and 7 Months
Cassandra Henderson
Child
Female
03-Mar-2021
0 Years and 7 Months
Delete Family Member
Add Family Member
Previous
Next

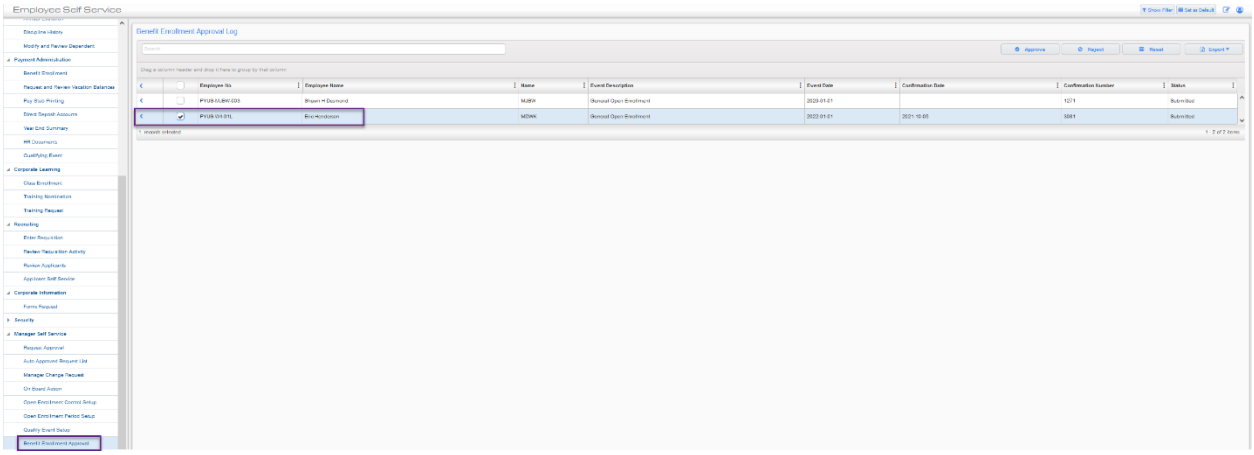

Family Member removed successfully.
Benefit Enrollment
Notes
Attachments
CMiC Benefit Enrollment - General Open Enrollment
Event Date 15-Sep-2021
Enrollment Deadline 15-Dec-2021
Days Remaining 70
Confirmation Number 3081
Confirmed On 05-Oct-2021
Now family member is removed successfully.
PYUS-W4-01L | Eric Henderson
07-Jul-1992 | Single
Personal
2
Family
3
Benefits
4
Confirmation
Family Members
Name
Relation
Gender
Date of Birth
Age
Matilda Henderson
Wife
Female
09-Jun-1979
42 Years and 3 Months
John Henderson
Child
Male
01-Mar-2021
0 Years and 7 Months
Cassandra Henderson
Child
Female
03-Mar-2021
0 Years and 7 Months
Add Family Member
Previous
Next

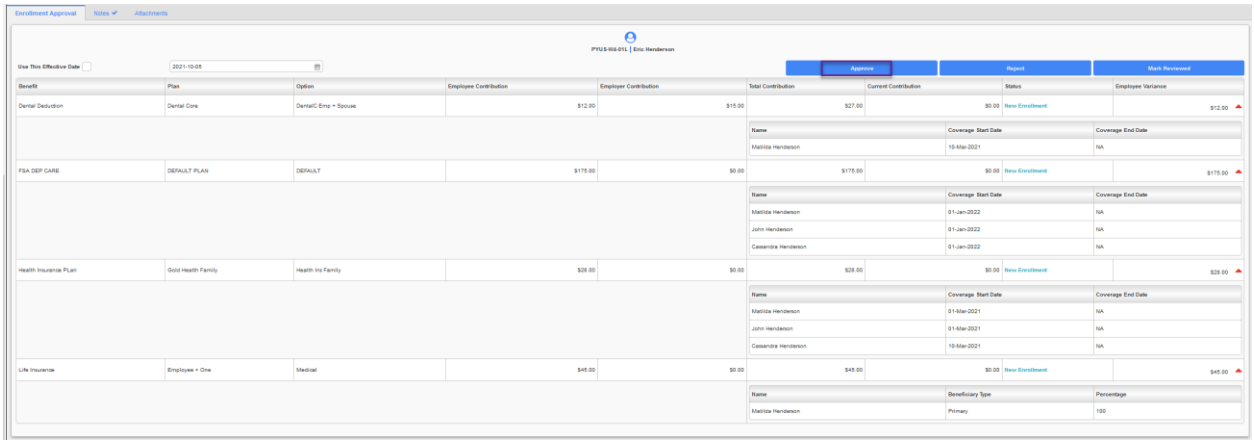

CMiC Benefit Enrollment - General Open Enrollment
Family Members
Benefits Enrollment
Electronic Signature Verification Statement

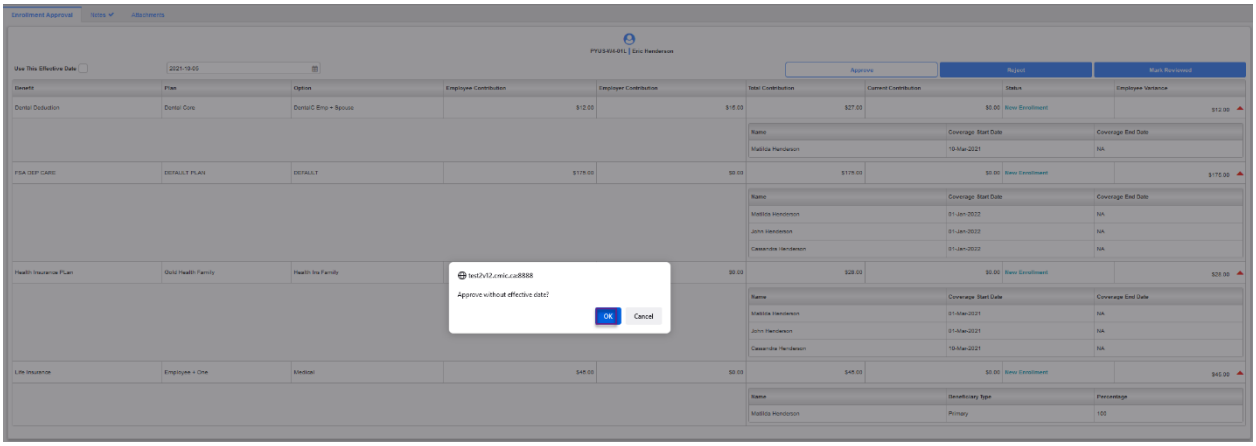


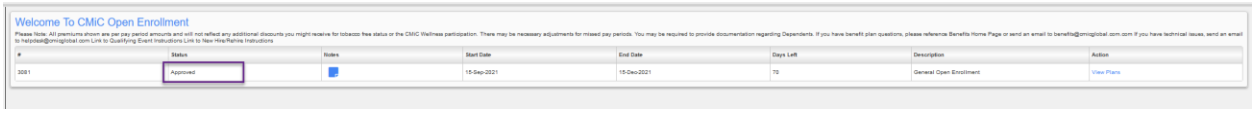




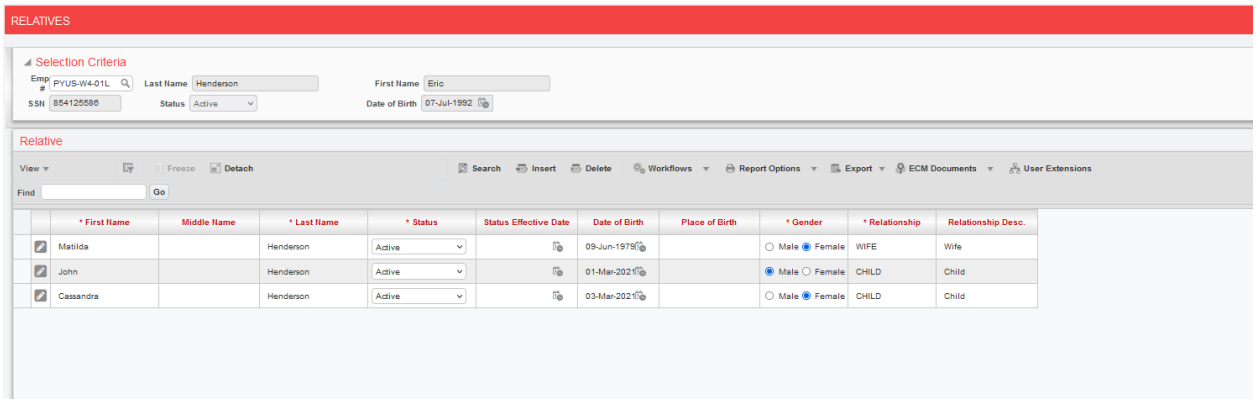

Employee Self Service
Benefit Enrollment Approval Log


Enrollment Approval
Notes
Attachments
Approve
Reject
Mark Reviewed

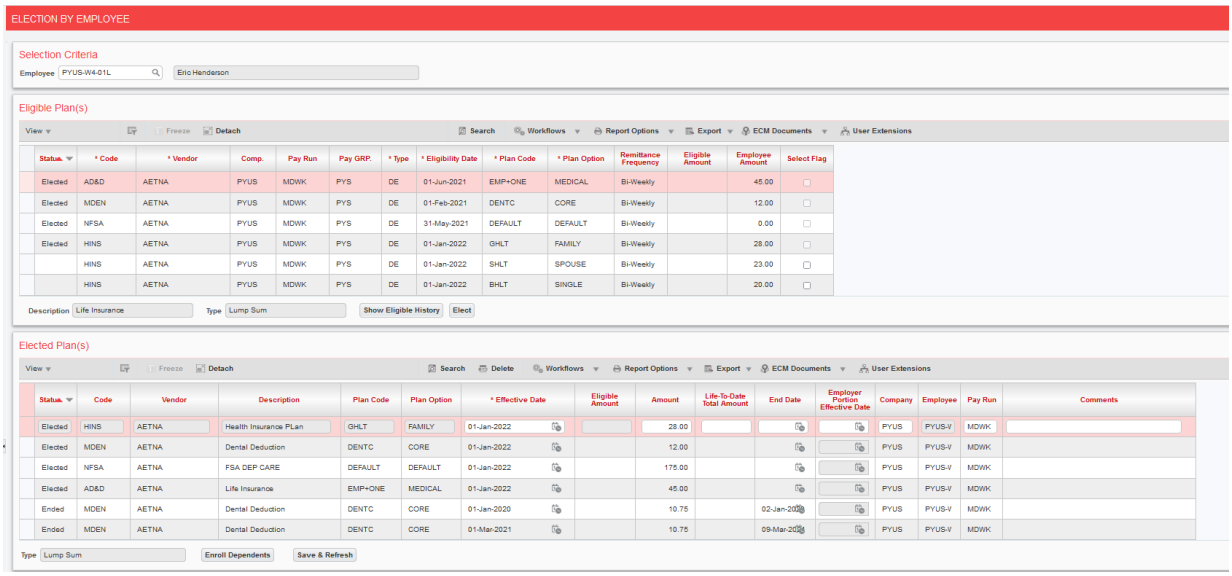

test2v12.cmic.ca:8888
Approve without effective date?
OK
Cancel

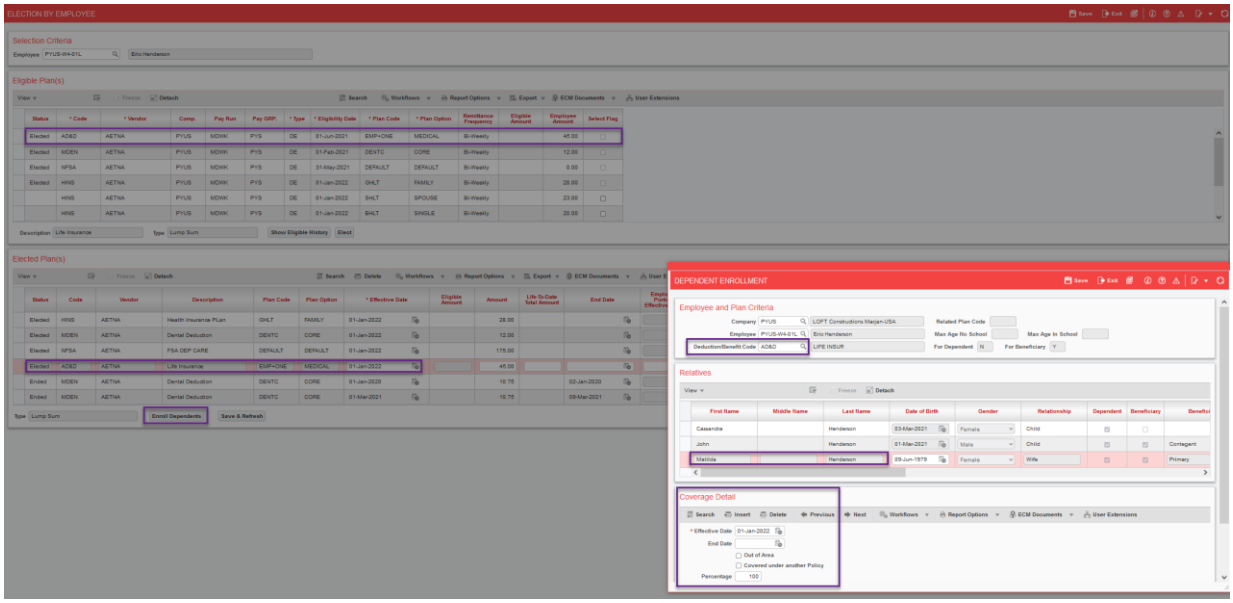

Welcome To CMiC Open Enrollment

HR Relatives screen dispalying the ‘Active’ dependents/relatives.



HR Election By Employee screen displaying the ‘Elected’ plans after the benefit General Open Enrollment process approval.

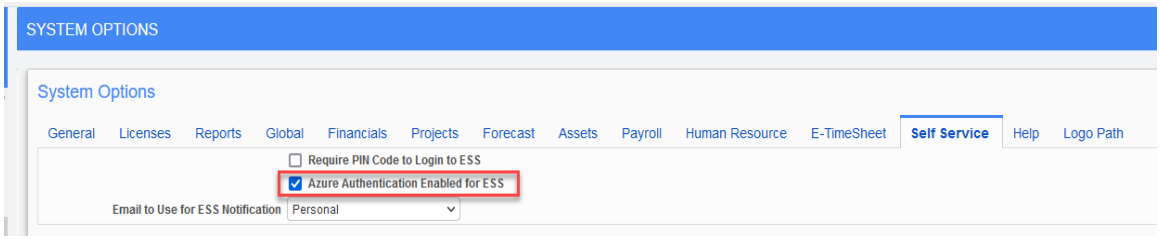




Azure Authentication Enabled for ESS (21.40302 & 21.52029)

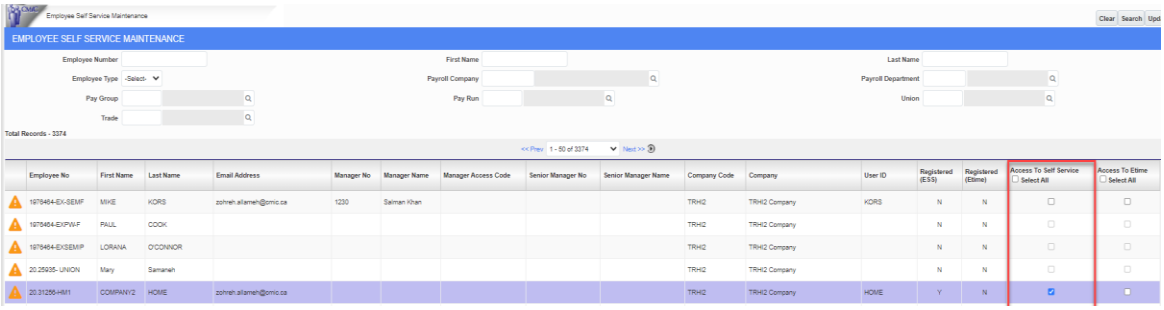
Overview

CMiC has added a new checkbox in the Self Service tab of System Options. This box, 'Azure Authentication enabled for ESS', should be checked to ensure Azure Authentication is enabled for the Employee Self Service module.



Prerequisites

1. Check the 'Access To Self Service' box for the employee in the Employee Self Service Maintenance screen. This checkbox determines the workflow when an employee is invited to ESS.



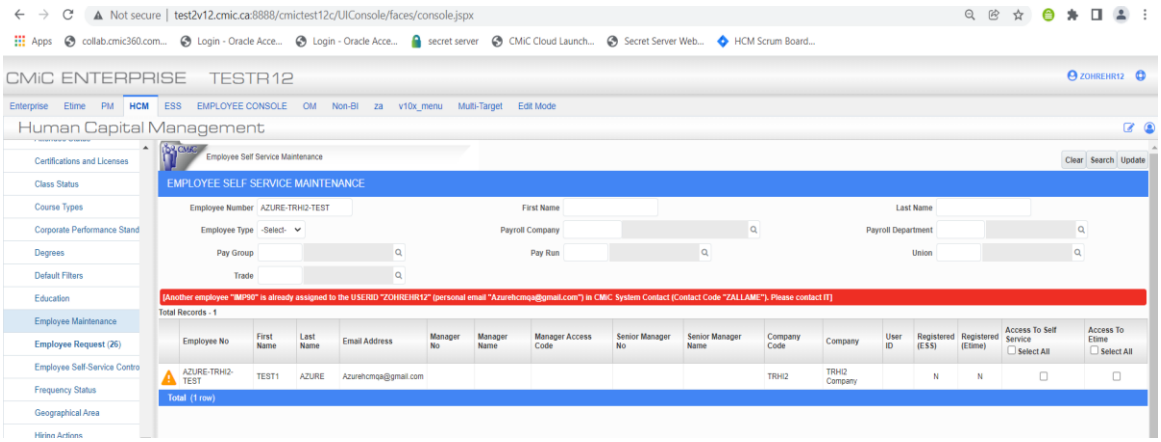
2. Set the employee email address in the Employee Profile.

Modifications

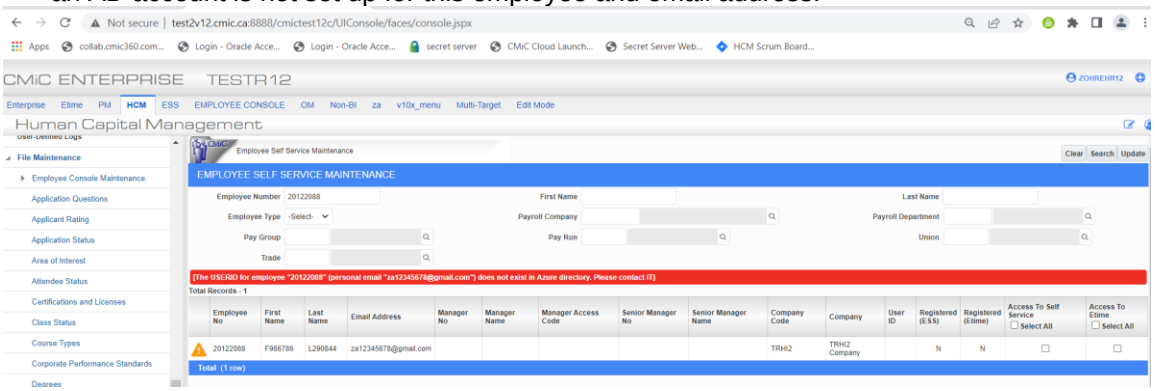
If the ‘Azure Authentication Enabled for ESS’ box is checked, the Employee Self Service Maintenance screen will validate the below information before it allows users to enable ESS registration.

1. The ESS Maintenance screen will validate if the email address is set up on the Employee Profile.

2. If found, the screen will then search for that email address in the LDAP directory to see if it corresponds to a USERID.
   If multiple USERIDs are found for the same email address the program will display an error message, shown below, prompting the user to clean up their AD account setup. Please note that if emails are set up with multiple USERIDs, then AD may fail.



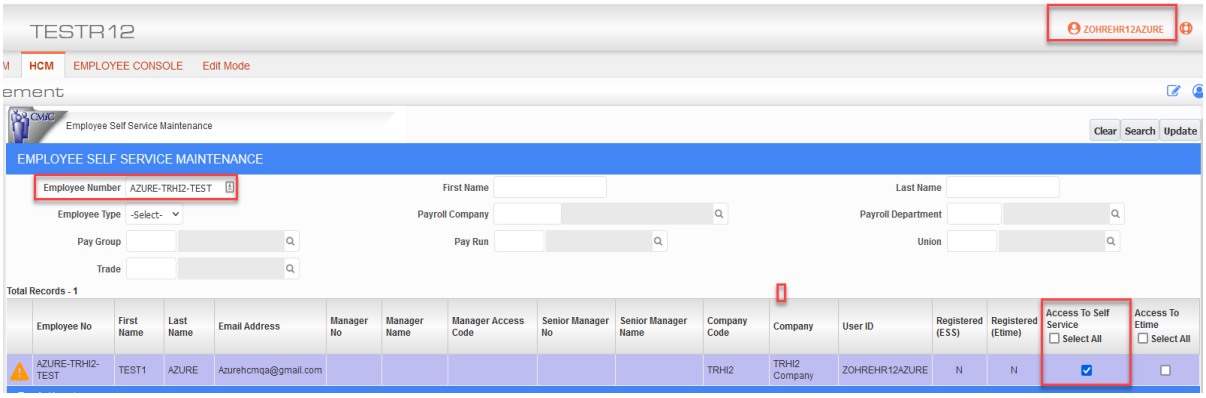
   If the email address is not found in the LDAP directory, then an error appears stating that an AD account is not set up for this employee and email address.

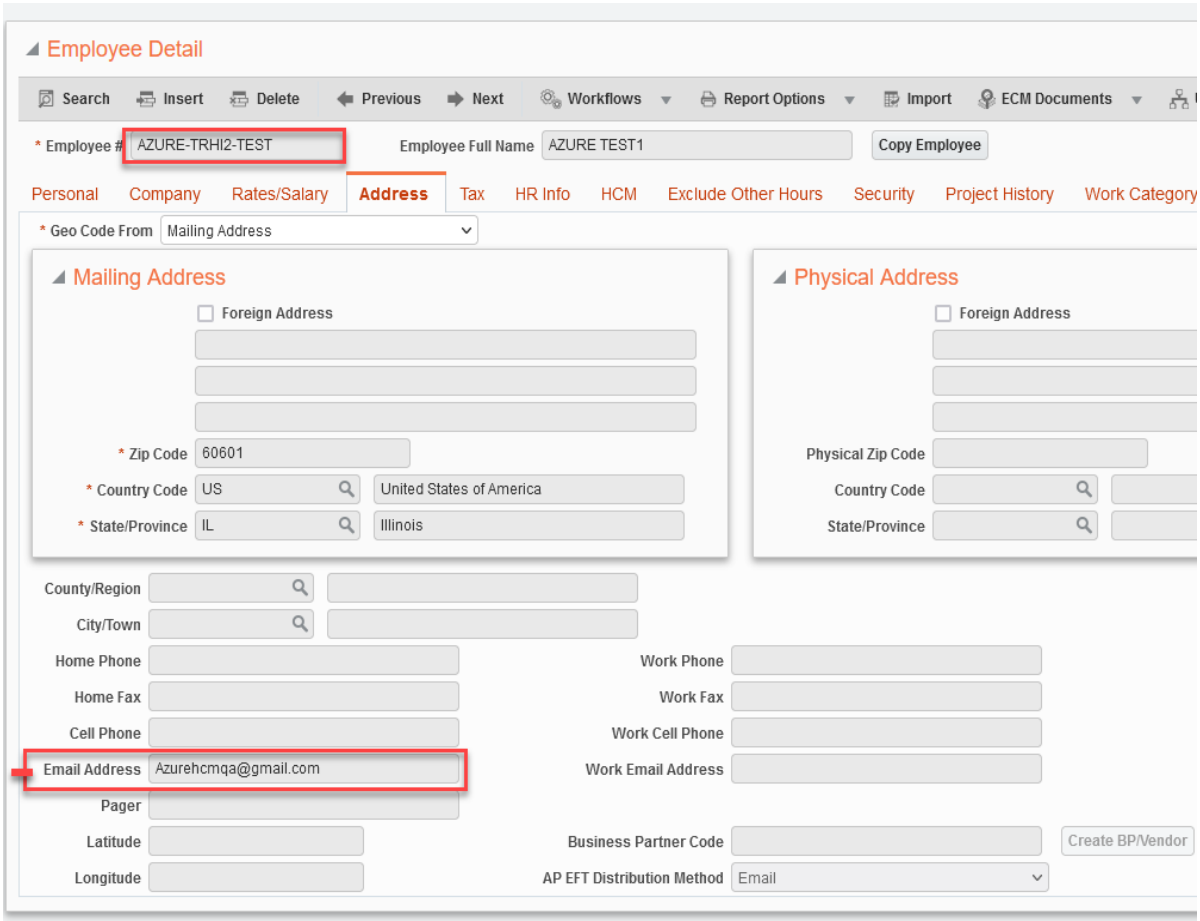


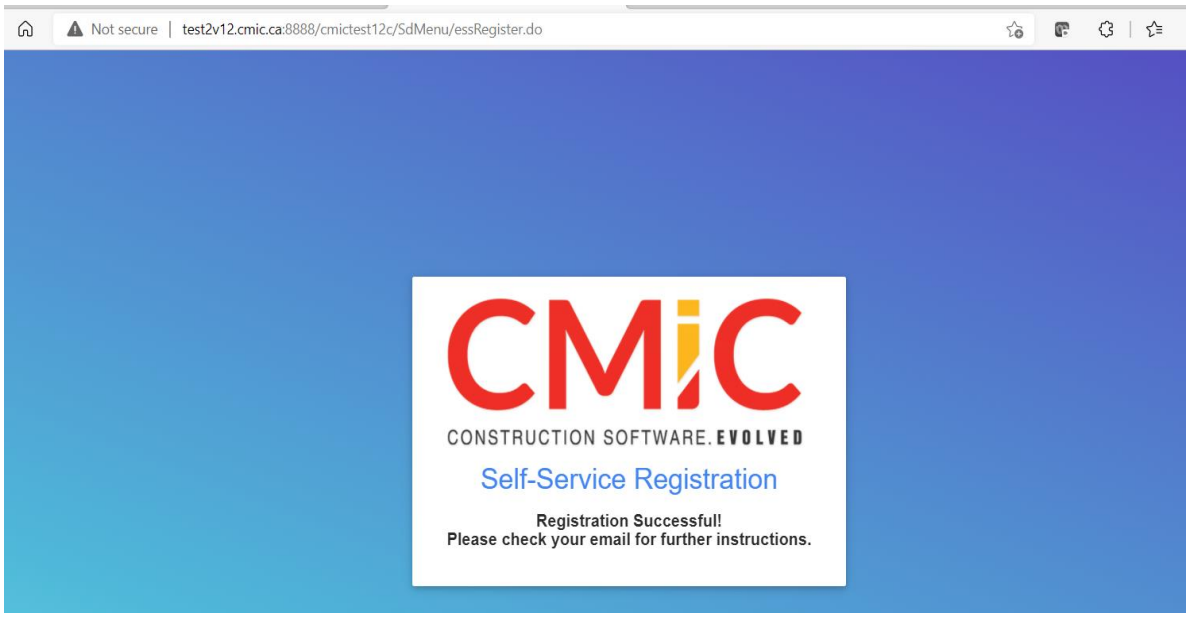
3. The program will then search the portal sec user in CMIC for the same USERID found in the LDAP directory. If the USERID already exists in the portal sec table for another employee, the program will display an error.
   If the USERID already exists in the portal sec table without an employee, then the program will sync the employee number in the SYSCONTACT table.
   If the information is not found, the program will create a portal sec user and contact for the USERID and sync with the employee number.
4. If all the above conditions are met, the program will then display the USERID on the screen and will allow the user to check the ESS box if all the above conditions are met. The registration email containing the ESS link and USERID is then sent to the employee.

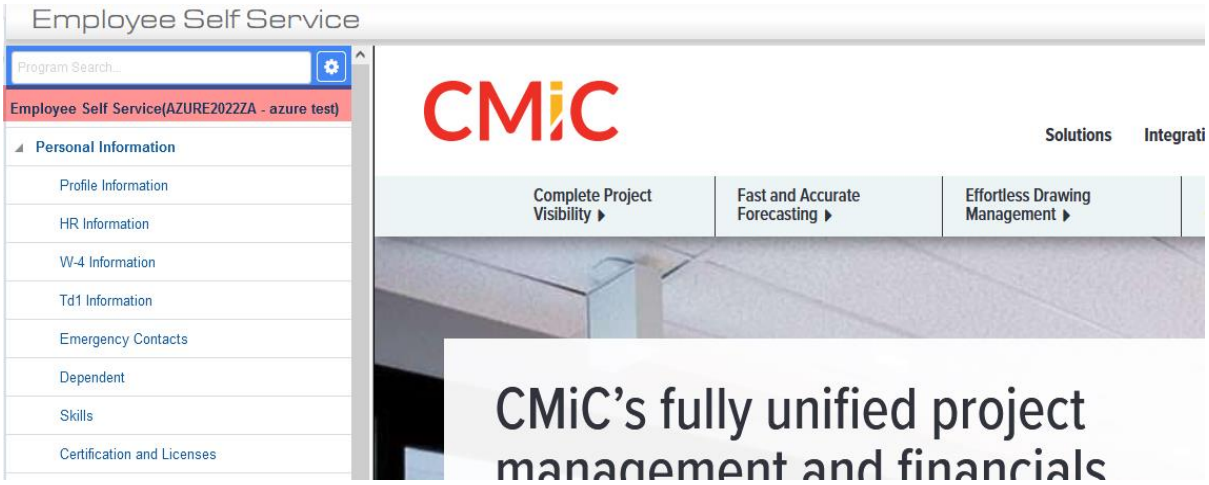
Implementation

This section provides examples of using the new functionality.









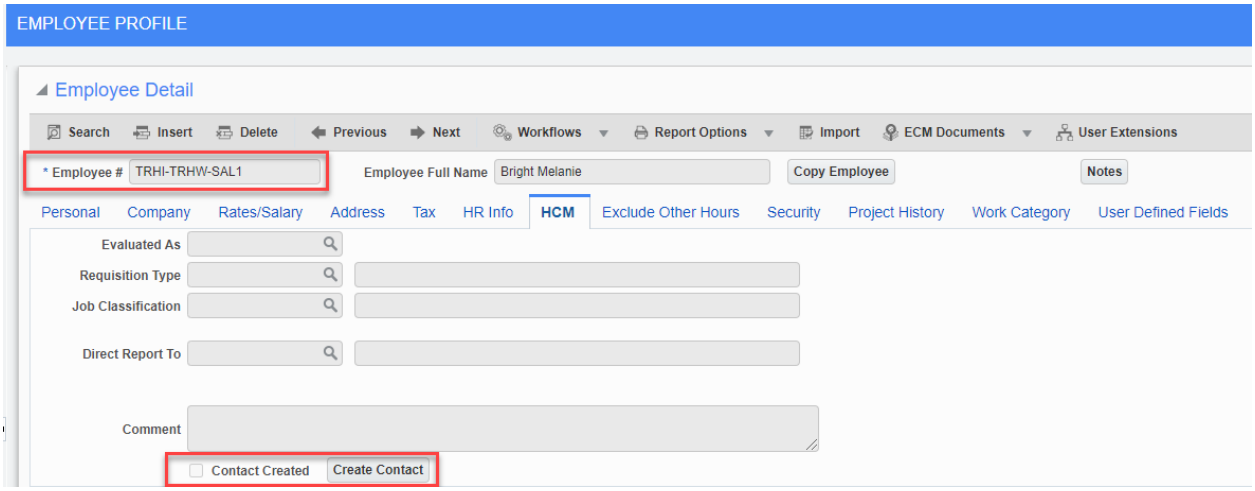
ESS & E Time New Enhancements (21.45876 – Beta Release)

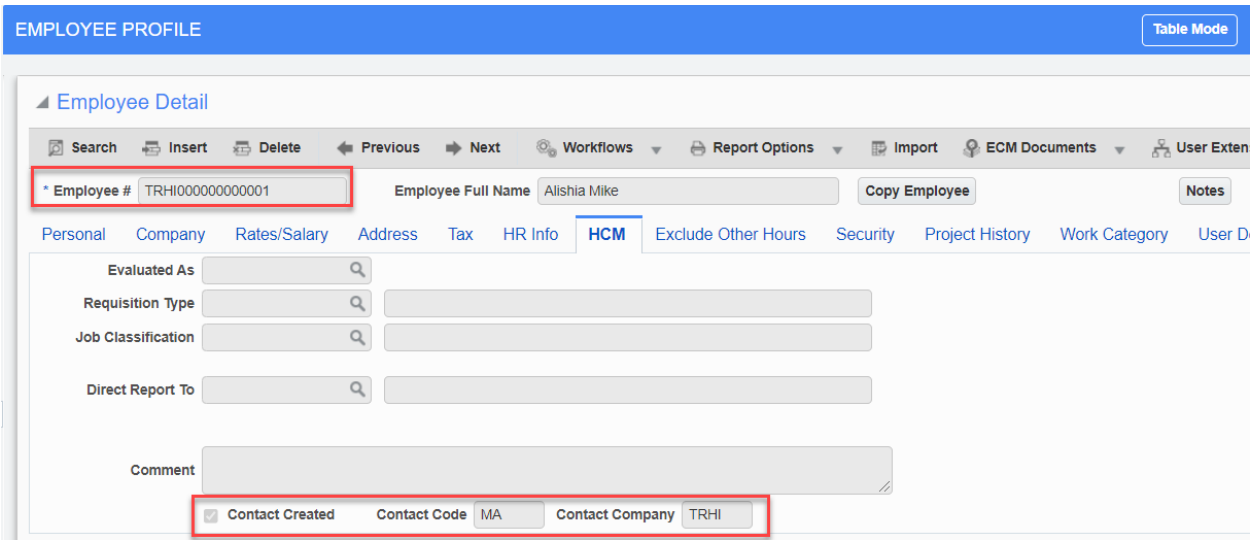
NOTE: E-time & ESS new enhancements are under development and QA testing. This is a Beta Release.

When creating new employee as a new hire, user now has the option to create a contact code on Employee profile.

E-time and ESS Changes.

Create contact code manually by pressing “Create Contact” button in Employee profile under “HCM” Tab:





When using the E-time registration

User mapped to employee validation

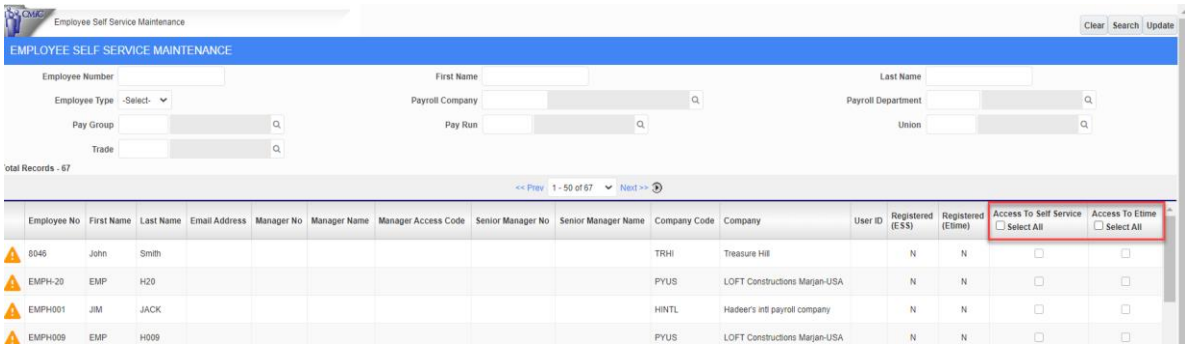
This means every user must be mapped to the employee.

Upon Failure:

User will get the error "User XXXXX is not mapped to any employee. E-Time access cannot be validated" (This only happens when there is a broken link between Contact and employee ID).

E-time Access validation.

This means very user /Employee must have the E-time Access enabled under HR>Employee Maintenance.



Upon Failure

Employee gets the error “ Employee ‘XXXXX” does not have access to e-time.

E-Time Registration

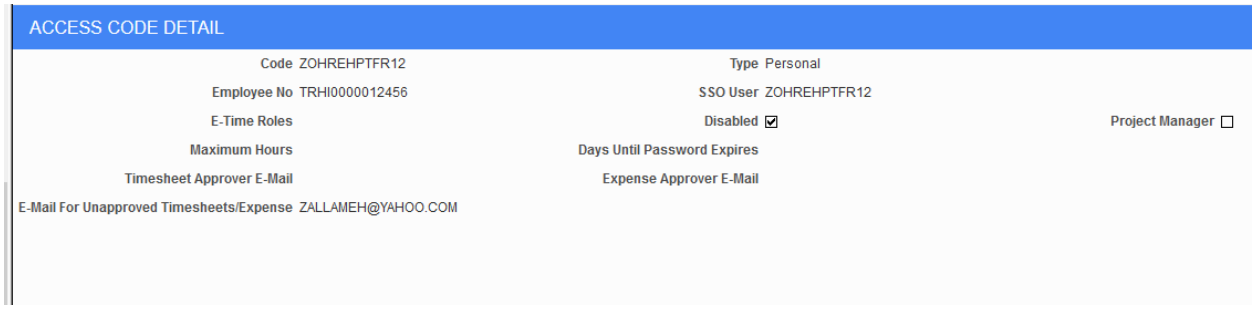
Once give the E-time Access employee must go through the E-time registration process to be able to successfully log into E-time.

Upon Failure

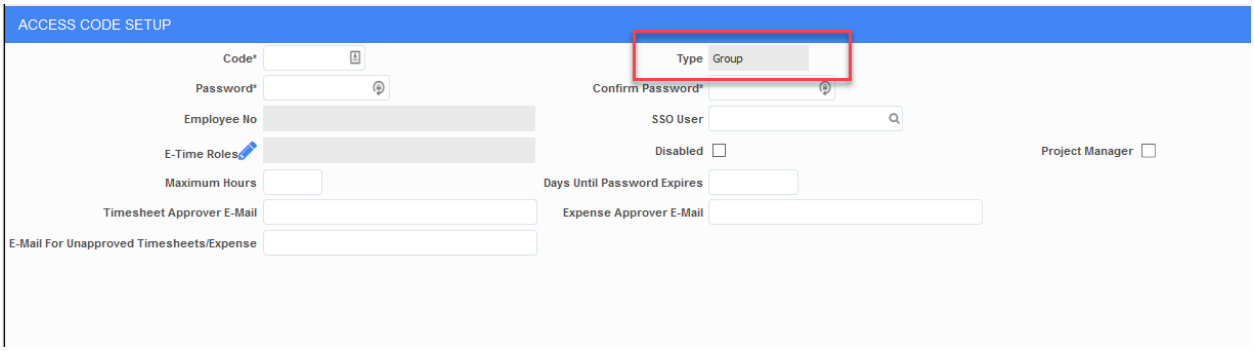
For any reason employee does not complete the registration process employee will get the error “ Employee XXXX has not completed the E-Time Registration”

Disabled Access code.

This error only appears when access code is being disabled manually for the personal access code.



With the new changes now, the system will look in the Access code to check if the employee is linked to the personal access code or to the Group access code.



The access code screen only allows creating a Group access code, the user will not be able to create any personal access codes. The personal access codes are for view and allow making limited edits such as.

Maximum Hours

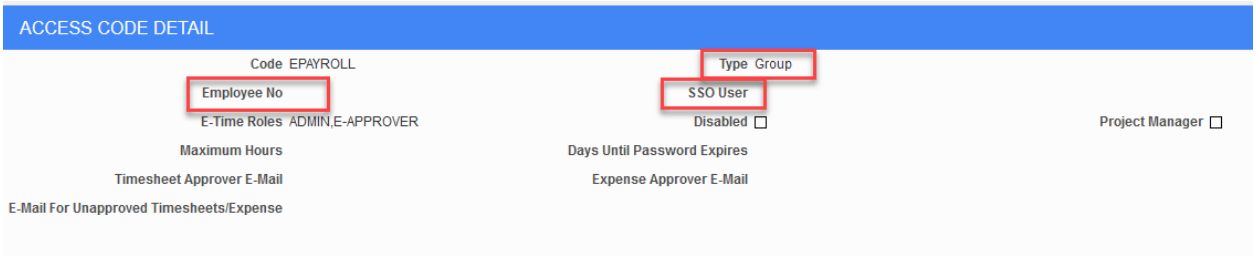
Disabled the Access code flag

Specify Days until the password expires

Change password

Project manager flag

Group Access Code.

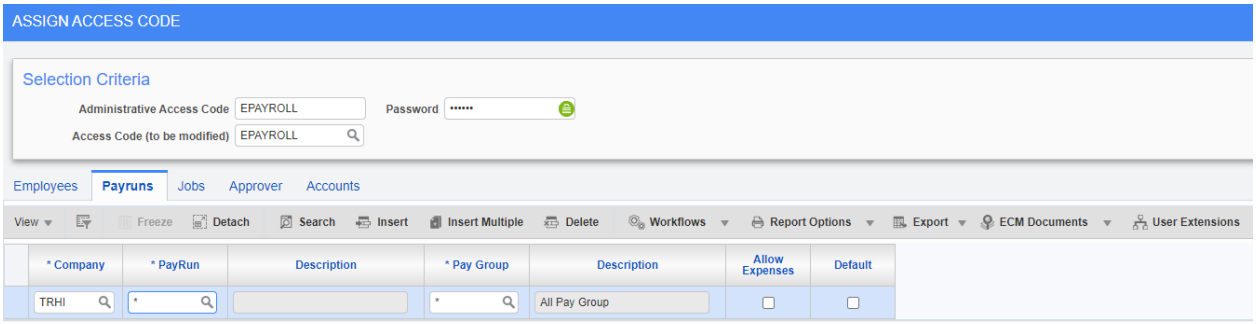


No employee number is assigned to the group access code.

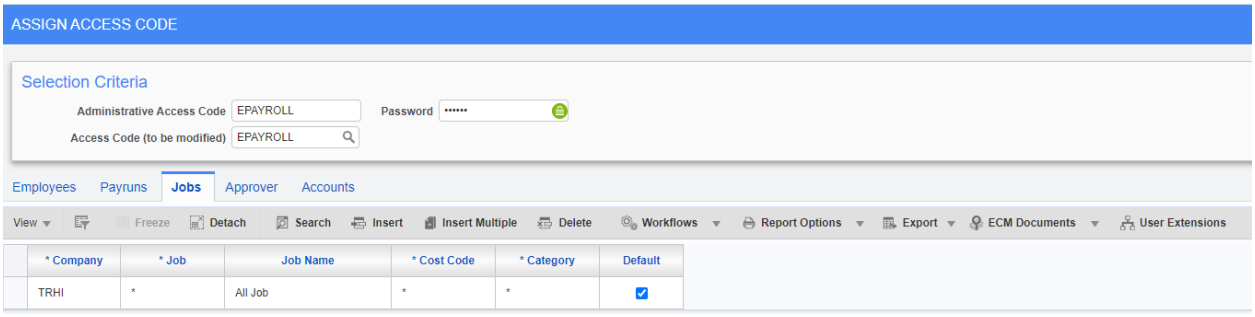
No SSO user is assigned to the group access code.

The Group access code has access to the company and pay-runs under the Access code administration screen.

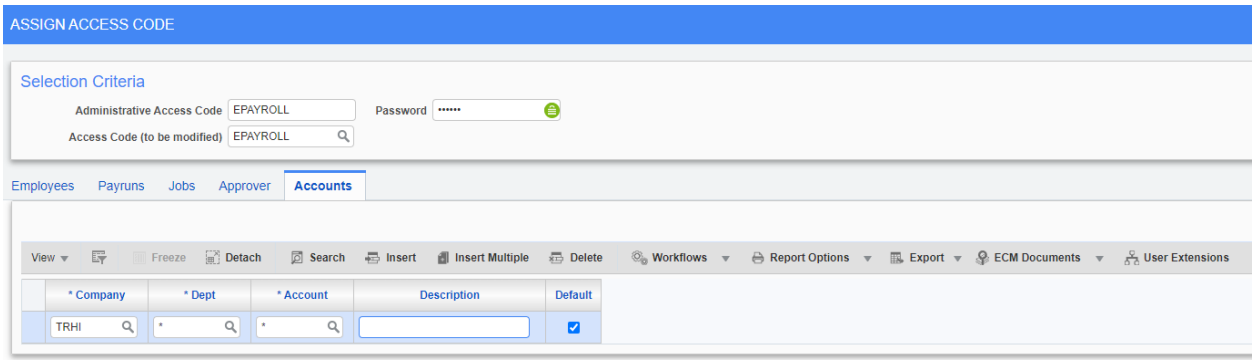
Pay Runs



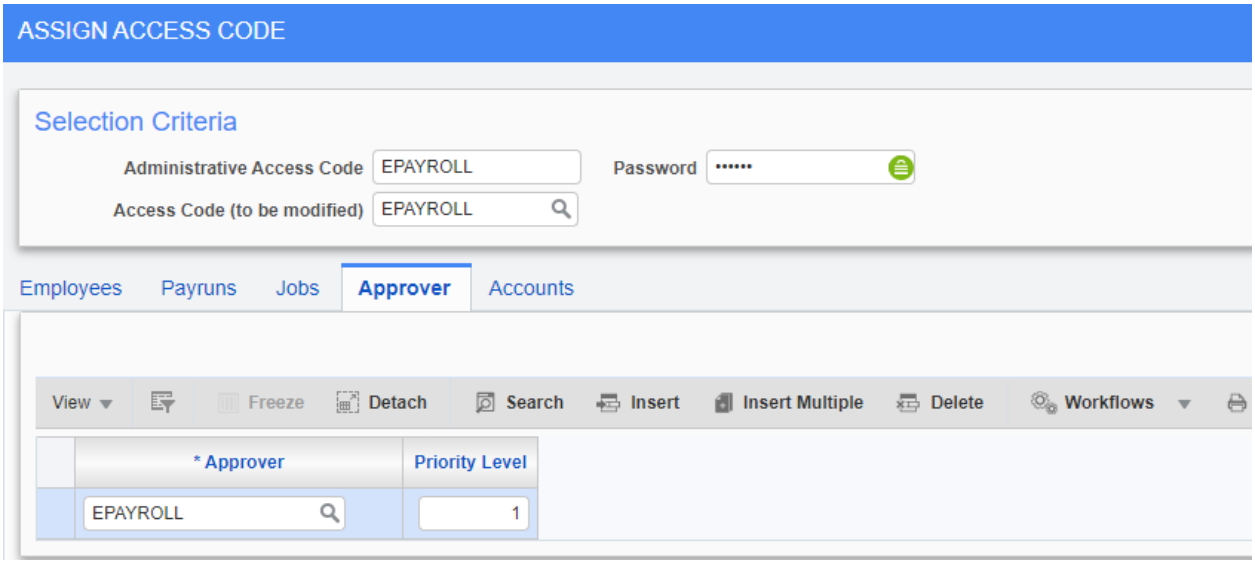
Jobs.



Accounts.



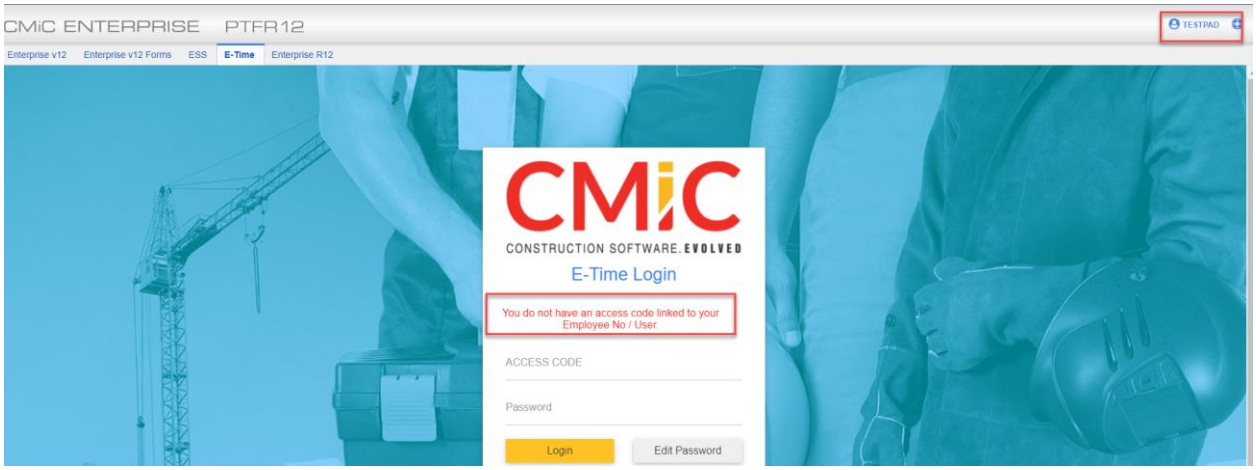
Approver.



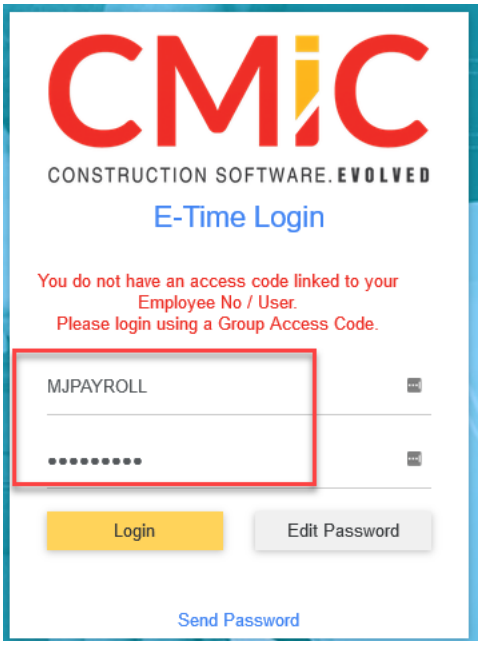
Group Access Code Logins.

Employee without E-time Access code.

When an employee/ user logs into E-time who does not have the Access code, the system will prompt for the access code and password, the user will only be able to use the Group access code to log into the E-timesheet.



Employee Login using the Group Access code and Password.



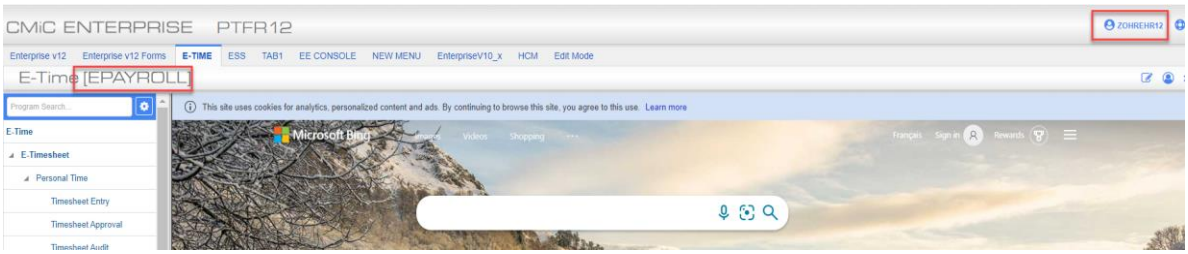
Employee With E-Time Access Code.

Switching Between Access Codes.

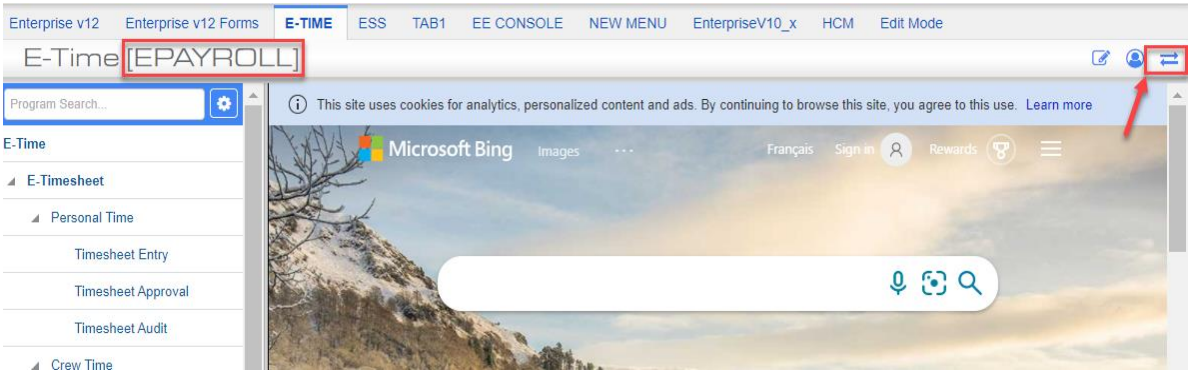
Employee / User logins with their Username and password, because their Access code is linked with the SSO system does not ask for the E-time access code and password.

As indicated below we are now showing the access code.

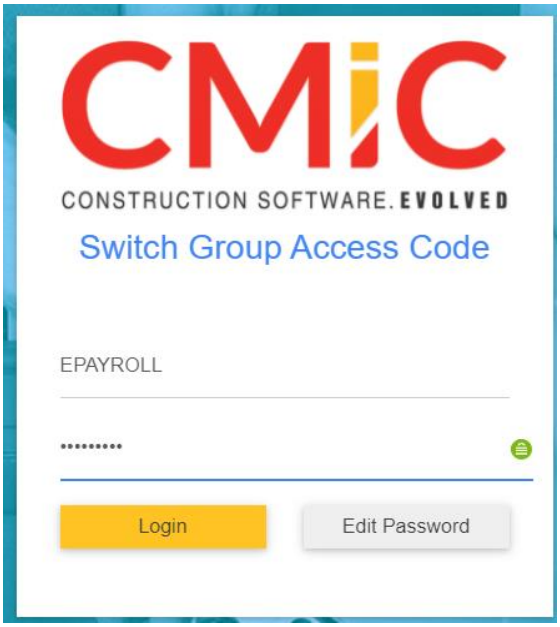
As highlighted below the Username is different from the access code.



A new icon is introduced to switch the personal access to a grpup asscee code by clicking on the doube arrow keys.



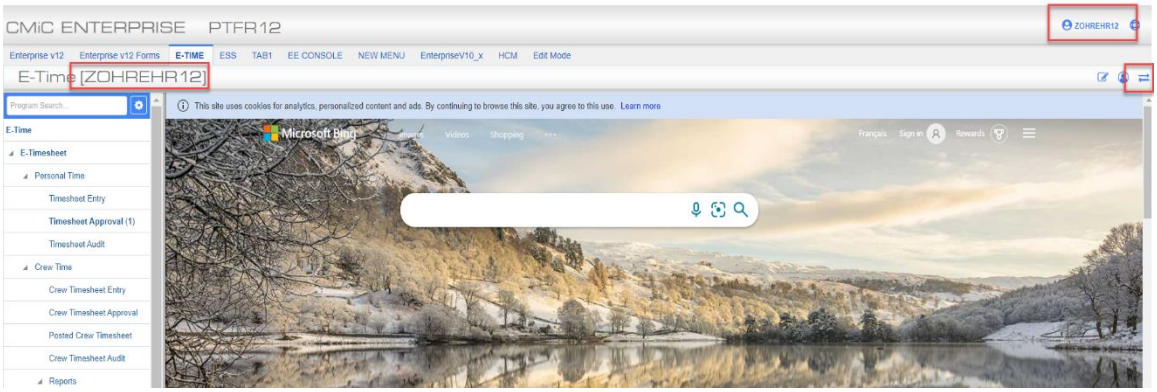
As soon this icon is clicked system will ask for the group access code and password and login.



Same User is now shown logged in as Group Access code.

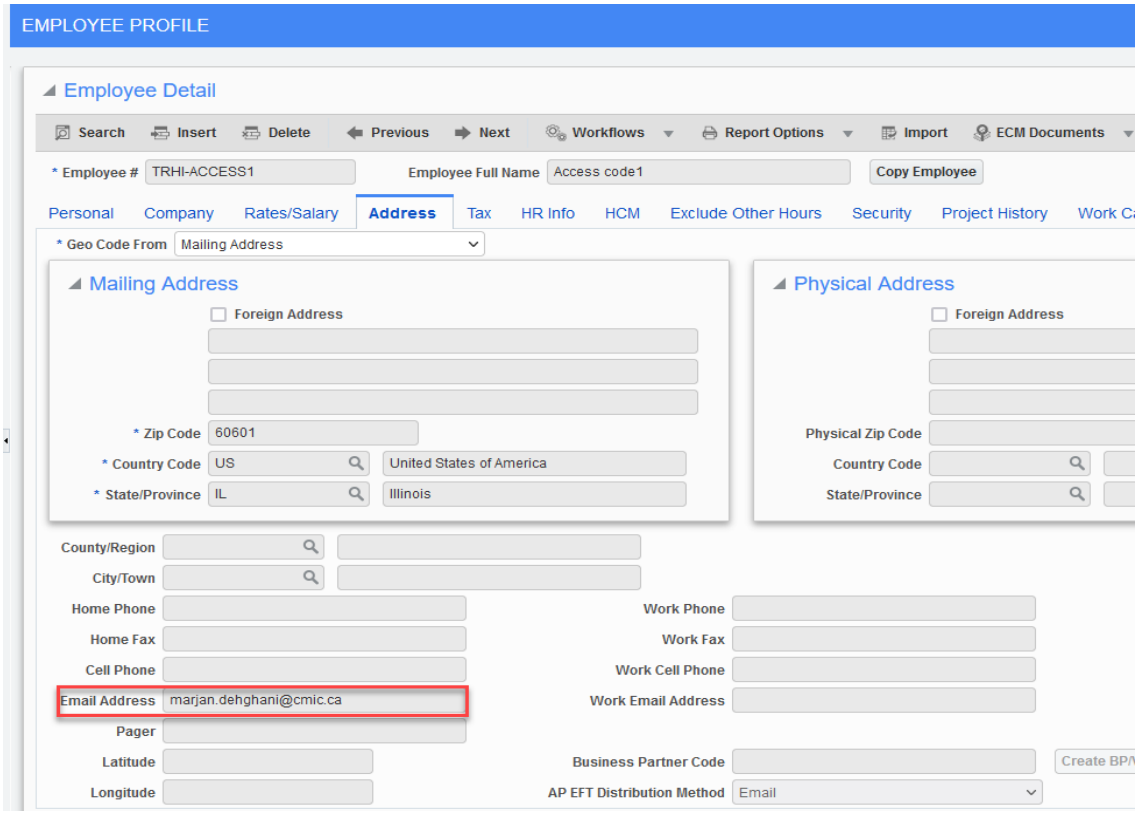
Switch Back to Personal access code.

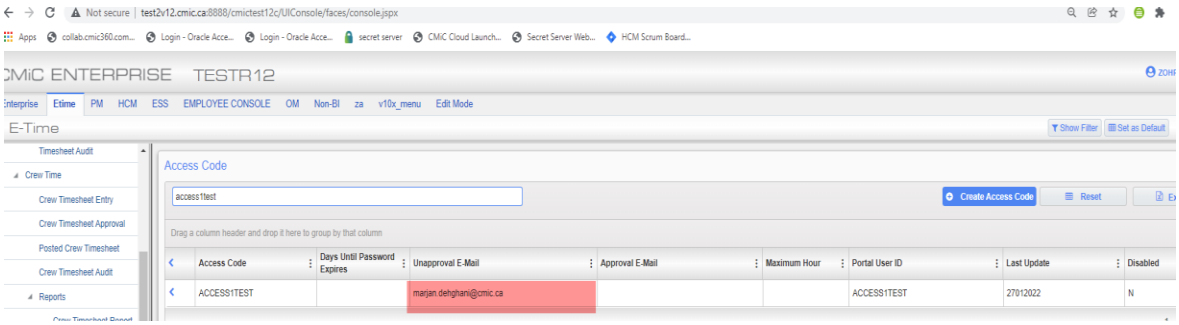
User can click on the double arrow to switch back to their personal acc code and system will automatically take user back to their personal access code.



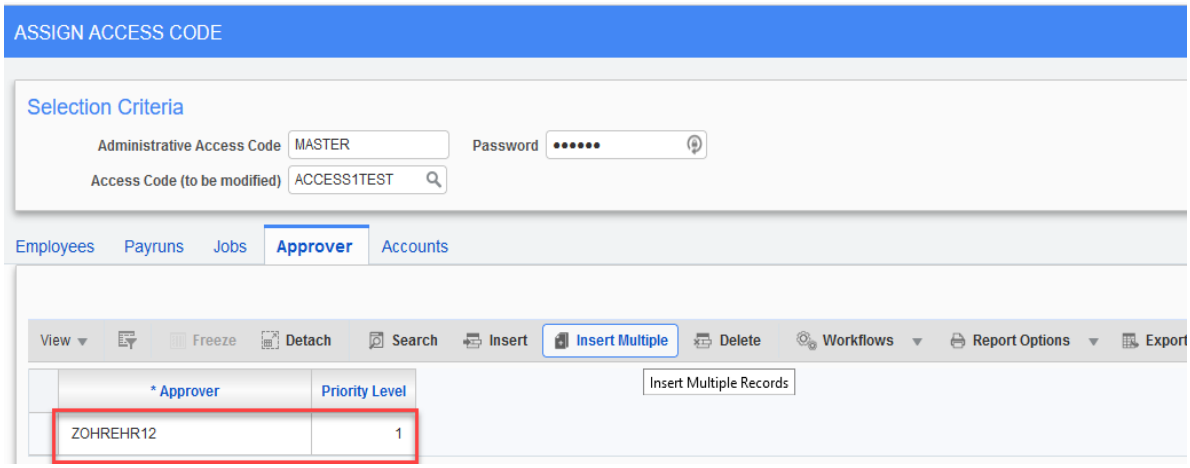
E-mail notification-Personal access code:

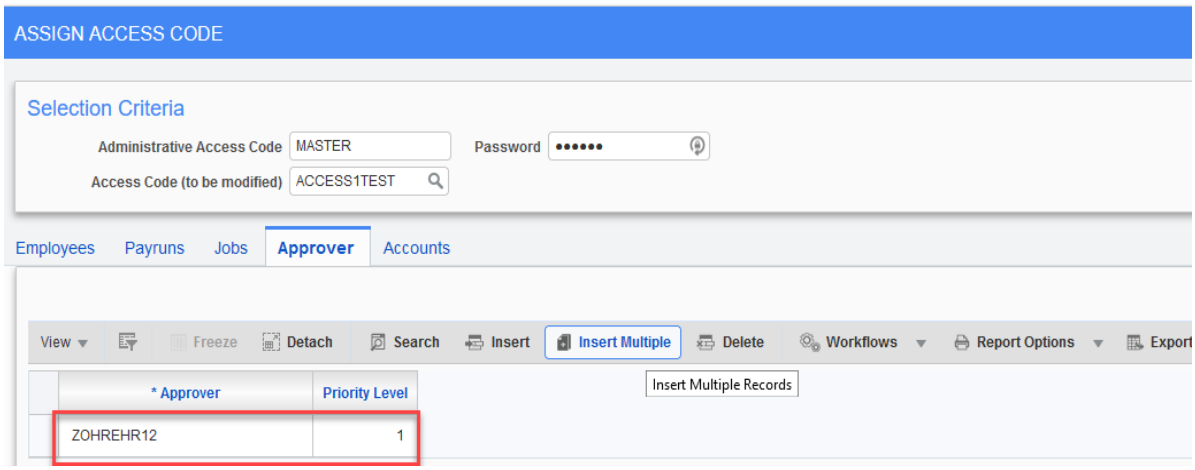
Setup unapproved Emil address from employee profile- Email in access code screen coming from Employee Profile:





As soon as you setup approver in access code administration, then Email addres will be populated in access code table mode:





When Employee submit the timesheet, Email notification will be send out to approver:

Time Sheet(s) for Company TRHI2 found, which needs to be approved.

marjan.dehghani@cmic.ca
To Zohreh Allameh

Reply Re

External Email Proceed with Caution

ZOHREHR12:

Time Sheet(s) for Company TRHI2 found, which needs to be approved.
Time Sheets Entered Date: 01/27/2022
Pay Period(s): 52

Sincerely,

(TRHI-ACCESS1) CODE1 ACCESS

Employee will get notification for unapproved timesheet:

Please consider your environmental responsibility before printing this e-mail

-----Original Message-----
From: zohreh.allameh@cmic.ca <zohreh.allameh@cmic.ca>
Sent: January-27-22 11:23 PM
To: Marjan Dehghani <Marjan.Dehghani@cmic.ca>
Subject: Time Sheet(s) for Company TRHI2 unapproved.

External Email Proceed with Caution

(TRHI-ACCESS1) code1 Access:

Time Sheet(s) for Company TRHI2 unapproved.
Time Sheets Entered Date: 01/27/2022
Pay Period(s): 52

Sincerely,

ZOHREHR12

Enterprise Content Management

Outlook Plugin (19.74990)

Notifications for ECM Outlook Plugin - creation of pull notification web services that will return the newly created documents in CMiC system after a particular timestamp.

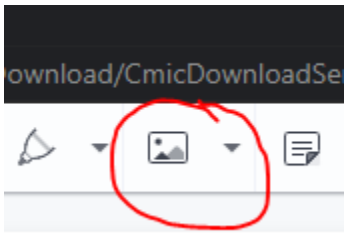
ECM (Desktop) Explorer (21.41433)

Specifications Management (Hyperlink support) - added feature to navigate to document record via Link Annotations for SPECMGMT type documents. The ECM explorer is generating the Links on PDF files for SPECMGMT document types. When these PDF files are opened in PSPDF viewer, and when user clicks on Link Annotations, we are navigating to the respective document.

PSPDF Viewer - Enabled Image Annotations; Publish Link Annotations (21.39616, DMW-59)

Drawing Management Enhancements

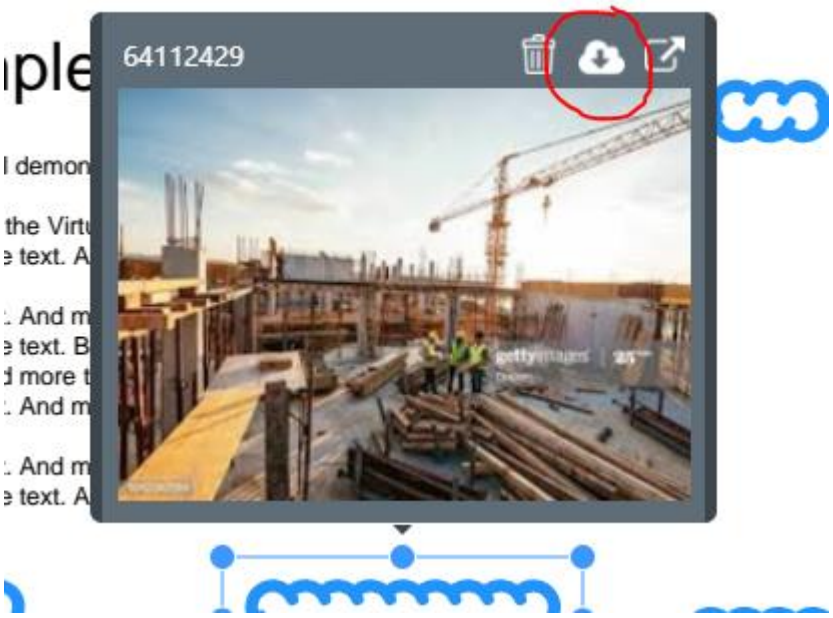
1. Enabled Image annotations on PSPDF Toolbar.



2. Allowed user to Publish/UnPublish Link annotations; buttons have been added to Thumbnail header of linked document.

Publish Button:

Un-Publish Button:



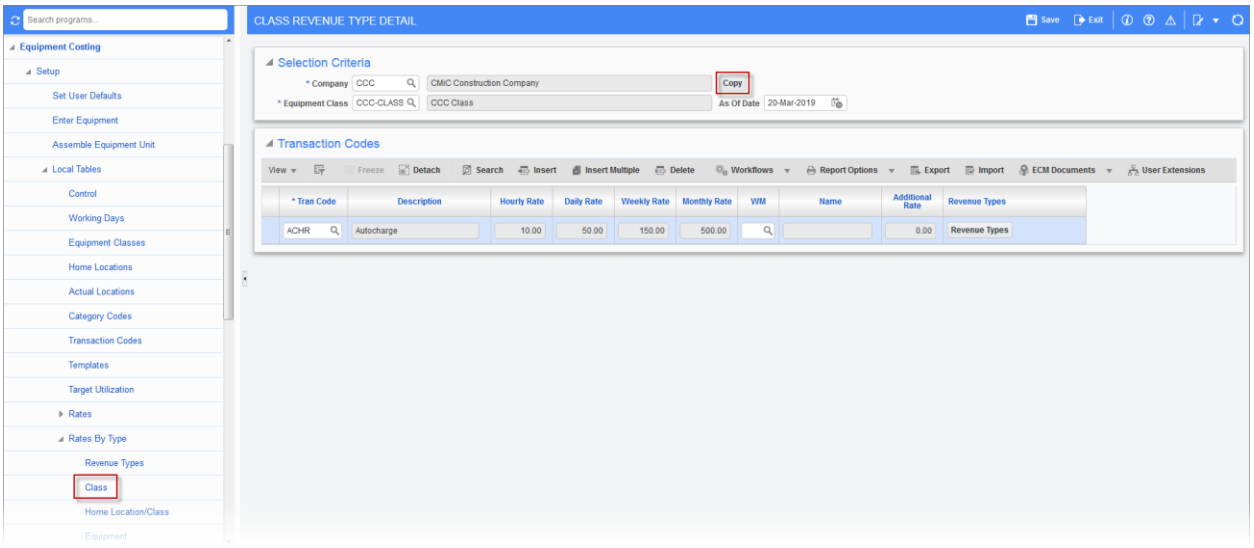
Equipment Costing

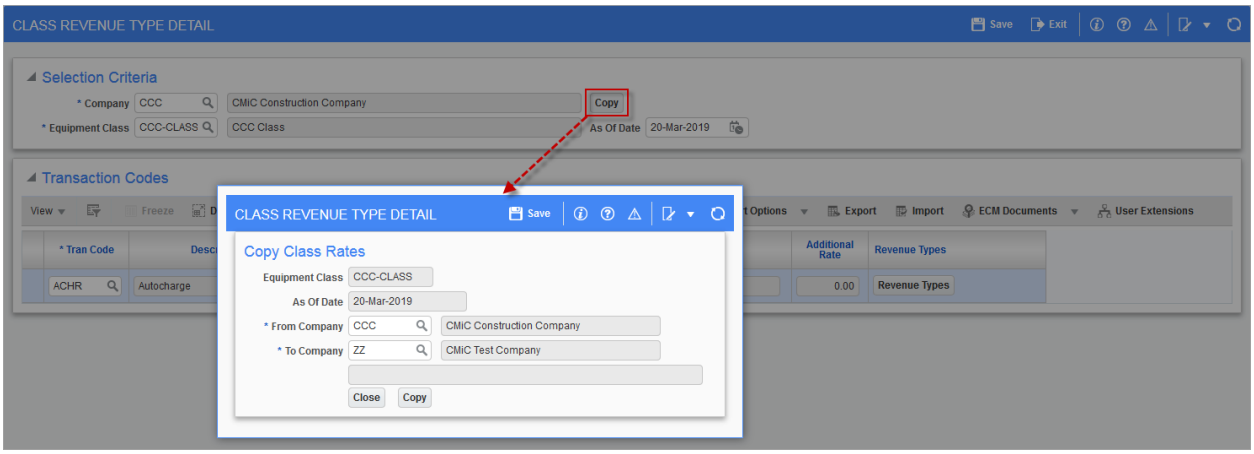
Ability to Copy Equipment Class Revenue Rates (15.01986)

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.





Ability to Copy EQ Rates at the Job/Class Level (19.84735)

Overview

Ability to copy equipment rates from one job to another job at Job/Class level.

Modifications

- Added a new button ‘Copy Job/Class Rate’ on ‘Equipment Job/Class’ rate setup screen in ‘Equipment Rate by Type’ program.
- A new pop-up program ‘Equipment Class/Job Revenue Type Detail’ is created for this purpose.

The following screen shows the modification performed.

Equipment Costing > Setup > Local Table > Rates by Type > Job/Class

Copying Process

Users must enter the selection criteria in the main screen in order to start the copy process.

Enterable Fields:

Equipment Class: The class value is defaulted from the main screen.

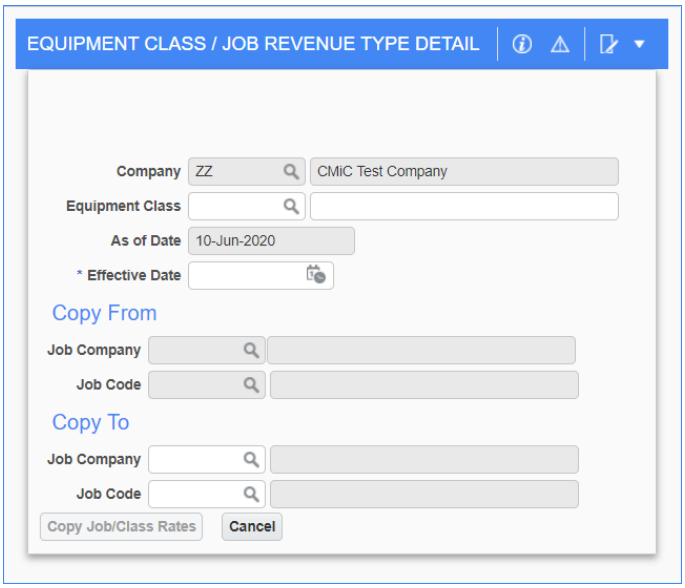
Effective Date: Users must enter a date value, from which the copied rates would be effective in the new job.

Job Company/Job Code: Enter the Company /Job Code to which the rates are to be copied.

[**Copy Job/Class Rates**]**:** Click on this button to complete the copy process.

[**Cancel**]**:** Exit without copy process.

After successful copy, an alert message is displayed as “Rates copied successfully to job”.



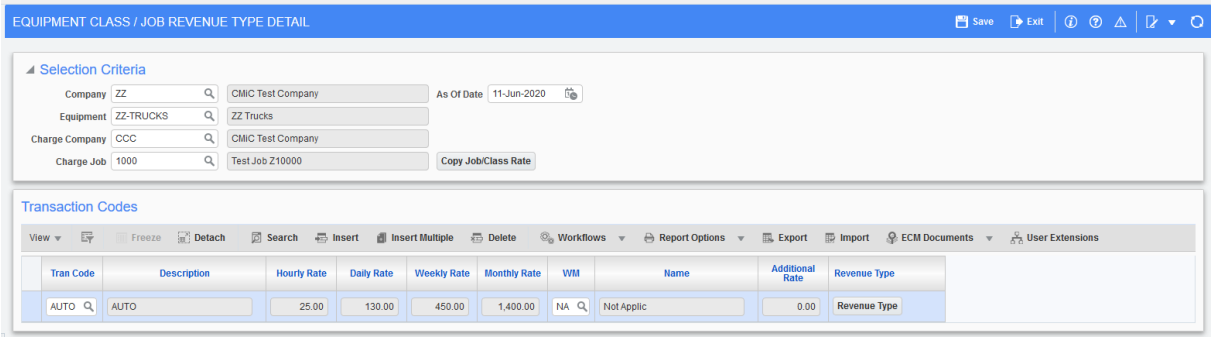
Equipment Costing > Setup > Local Table > Rates by Type > Job/Class – [Copy Job/Class Rates] pop-up

Implementation

The following example shows the copy feature at job/class level.

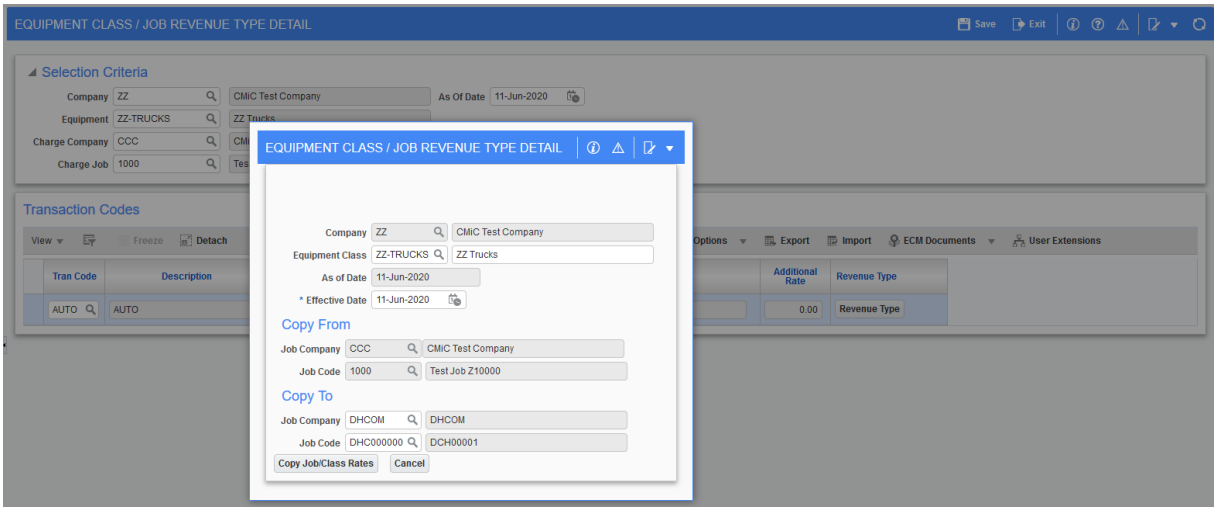
Copying rates to a job where no rates exist.

Rates at Job 1000.



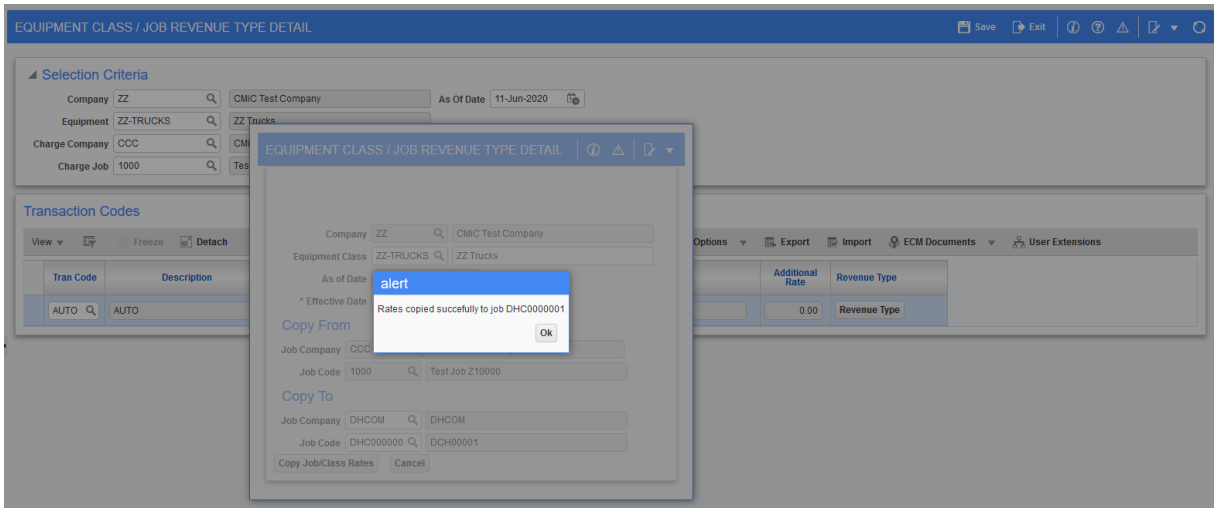
Equipment Costing > Setup > Local Table > Rates by Type > Job/Class

Copying rate from job 1000 to job DHC0000001.



Equipment Costing > Setup > Local Table > Rates by Type > Job/Class – [Copy Job/Class Rates] pop-up

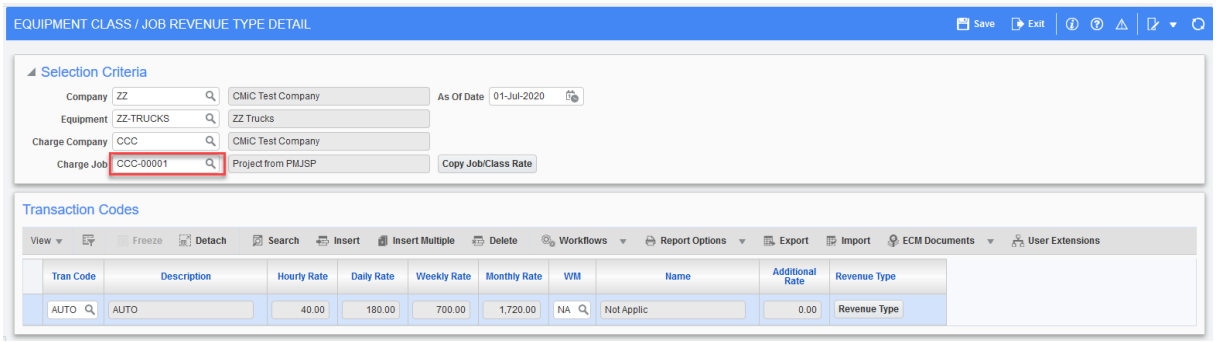
Alert message is displayed when the rates are copied successfully. Click [**OK**].



Equipment Costing > Setup > Local Table > Rates by Type > Job/Class – [Copy Job/Class Rates] pop-up

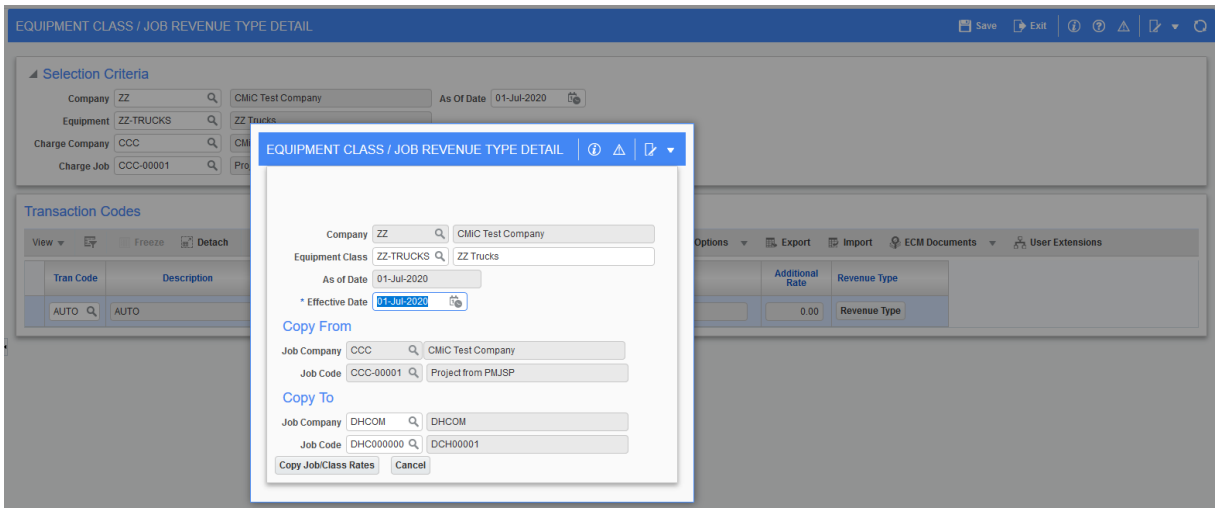
Rates copied successfully.

Rate at job CCC-00001.

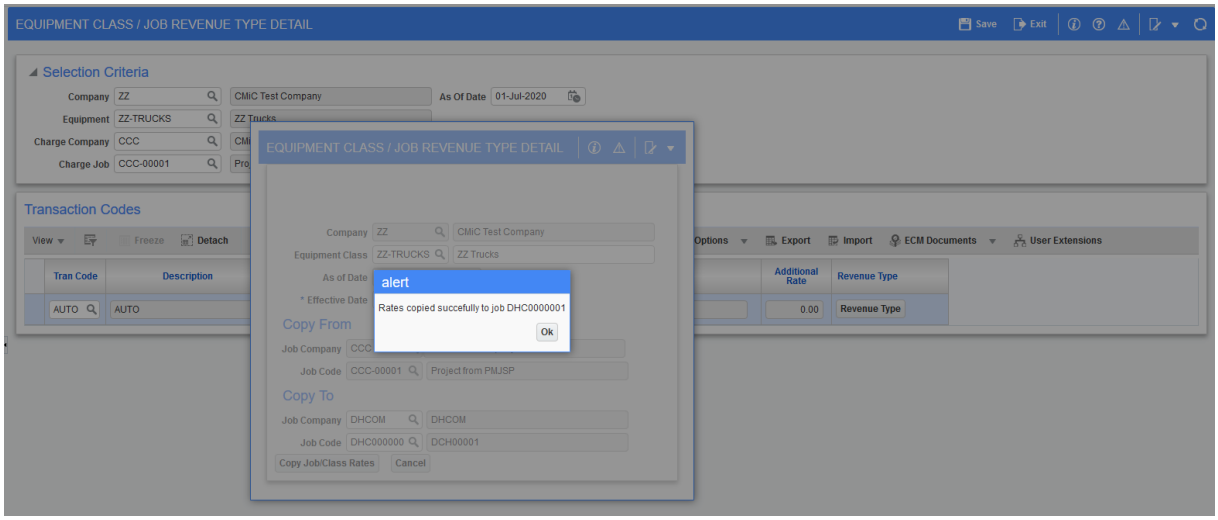


Equipment Costing > Setup > Local Table > Rates by Type > Job/Class

Copying the rates to DHC0000001, where same revenue type rate exist but the effective date is 1st July.

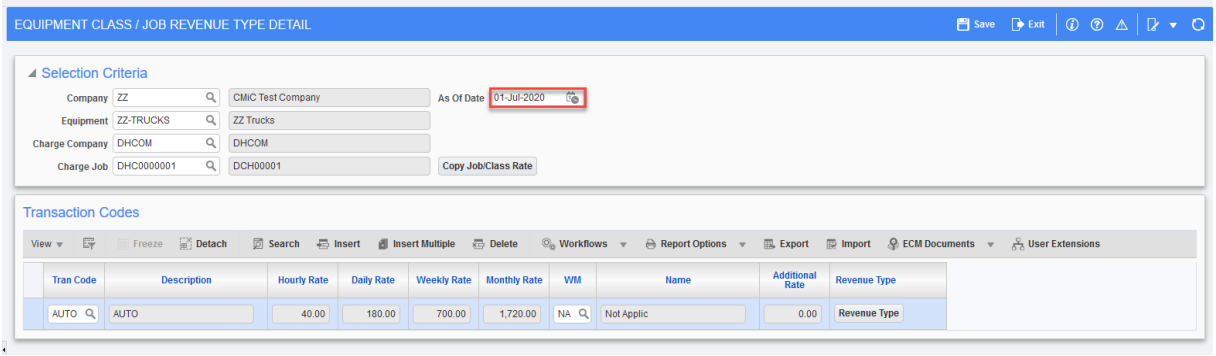


Equipment Costing > Setup > Local Table > Rates by Type > Job/Class – [Copy Job/Class Rates] pop-up

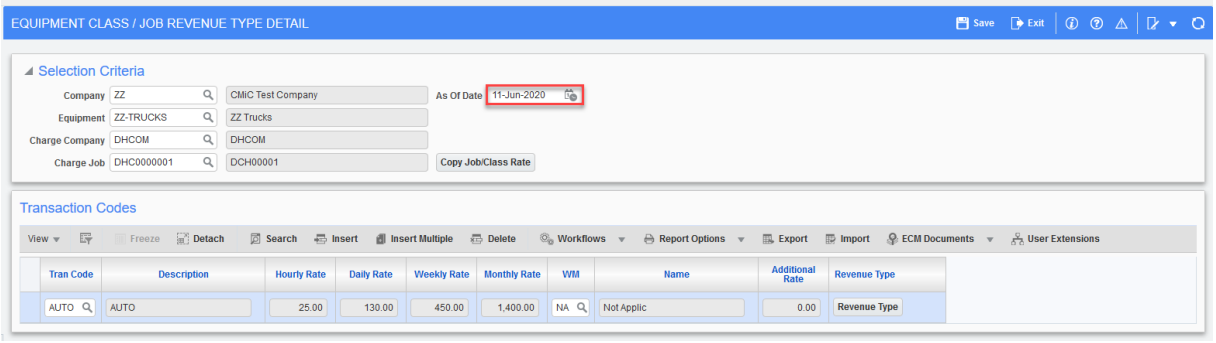


Equipment Costing > Setup > Local Table > Rates by Type > Job/Class – [Copy Job/Class Rates] pop-up

Rates copied successfully for 1st July.

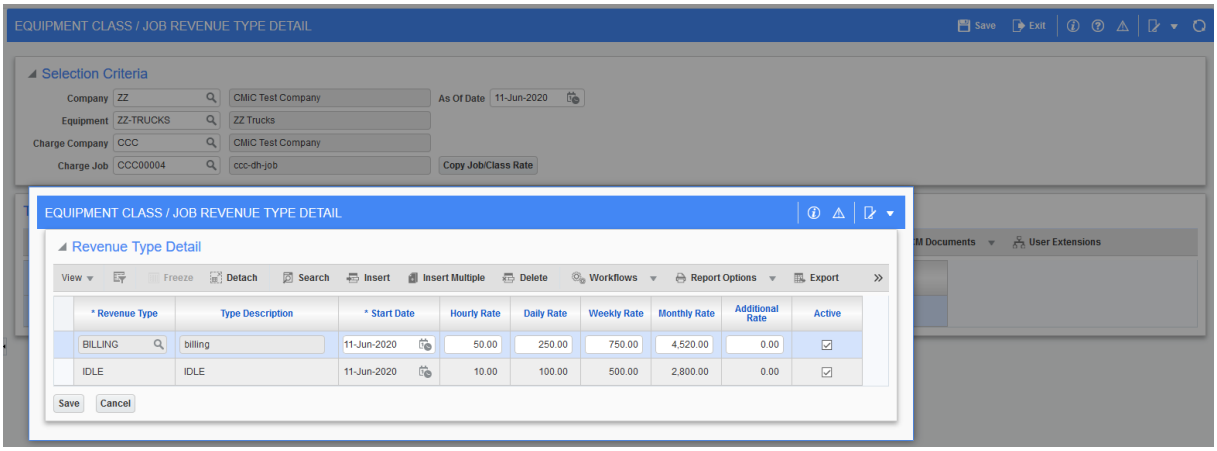


Equipment Costing > Setup > Local Table > Rates by Type > Job/Class



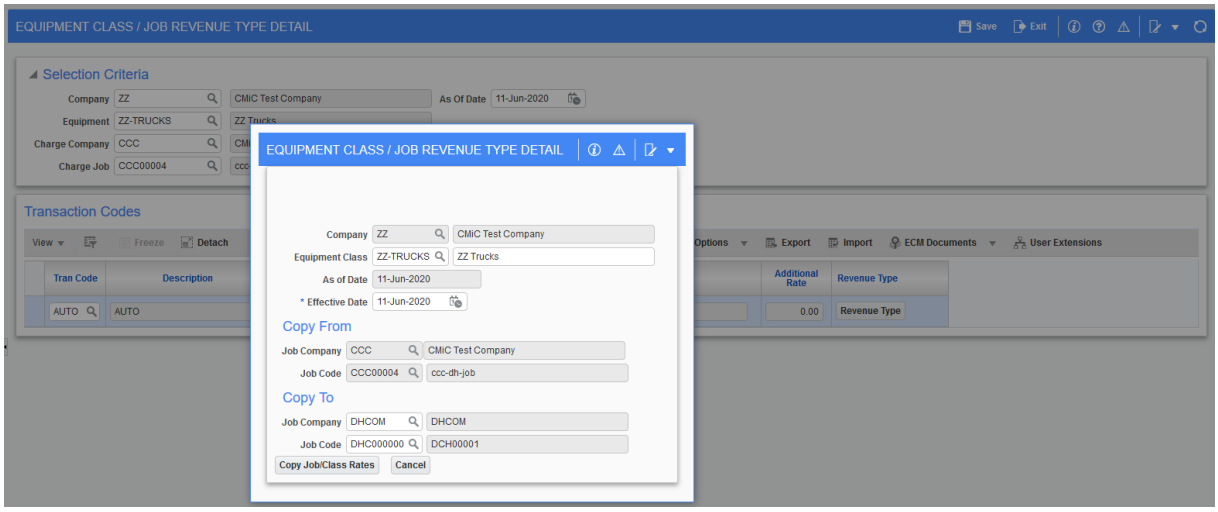
Equipment Costing > Setup > Local Table > Rates by Type > Job/Class

Revenue Type rates at job CCC00004.



Equipment Costing > Setup > Local Table > Rates by Type > Job/Class

Copying the rates to DHC0000001, where IDLE revenue type rate exists in 11th June.

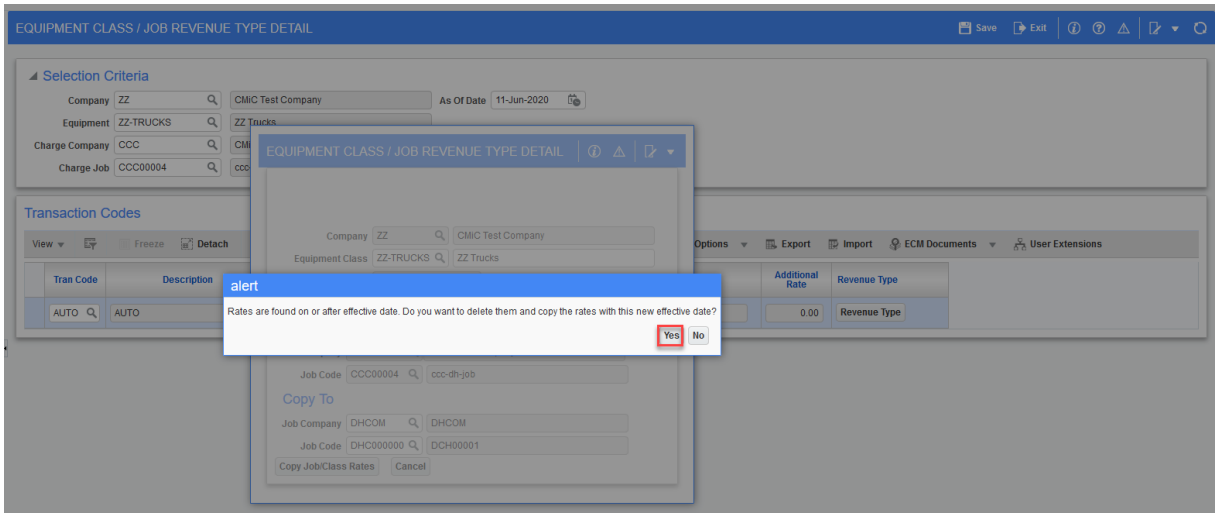


Equipment Costing > Setup > Local Table > Rates by Type > Job/Class – [Copy Job/Class Rates] pop-up

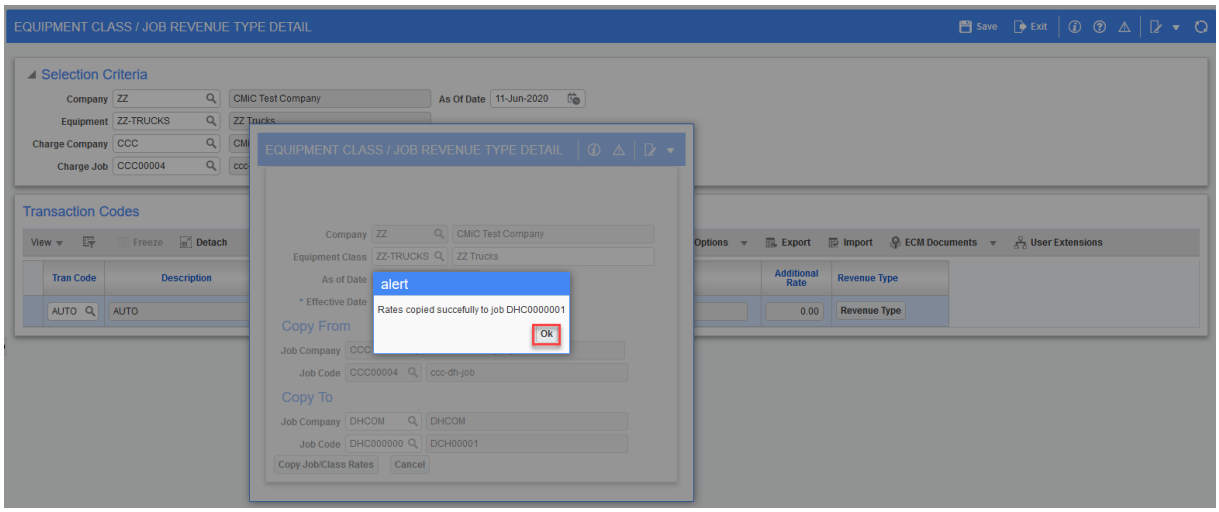
If same revenue type rate exists on the destination job, an alert message is prompted. Rates are found on or after effective date. Do you want to delete them and copy the rates with this new effective date?

Yes: It will delete the same revenue type rate on destination job and copy the new rates.

No: Copying process will be aborted.



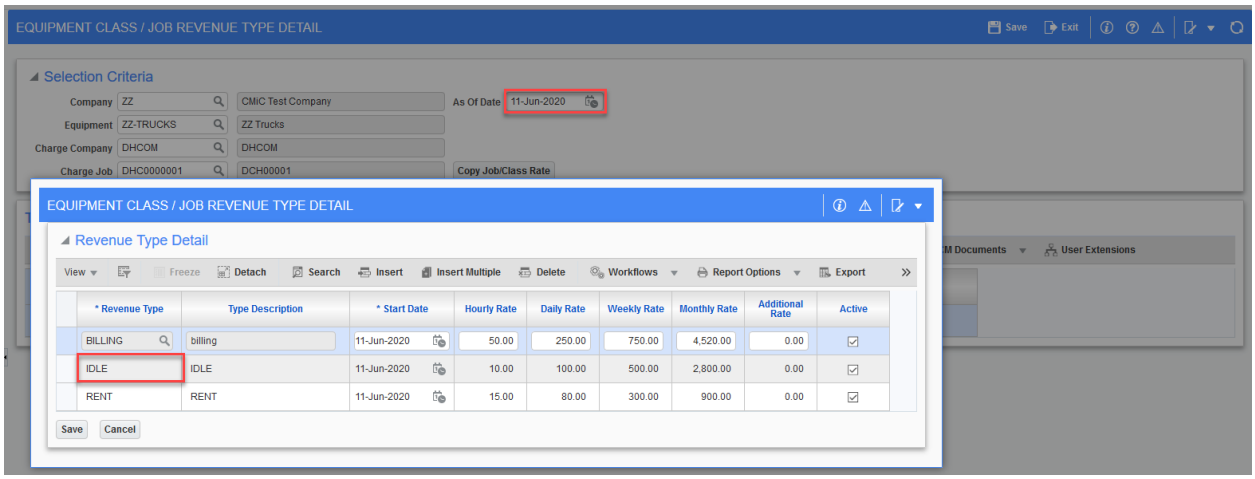
Equipment Costing > Setup > Local Table > Rates by Type > Job/Class – [Copy Job/Class Rates] pop-up



Equipment Costing > Setup > Local Table > Rates by Type > Job/Class – [Copy Job/Class Rates] pop-up

Verified the rate at Job DHC0000001.

'IDLE' revenue type is copied with new rates.



Equipment Costing > Setup > Local Table > Rates by Type > Job/Class

It will also override the rates for 1st July as the rates were copied with effective date of 11th June.

Ability to Restrict Transfer of Equipment on the Same Day (19.91100)

Added a control file flag to allow same day transfer of equipment.

Overview

This functionality restricts user to transfer the equipment on the same day.

Modifications

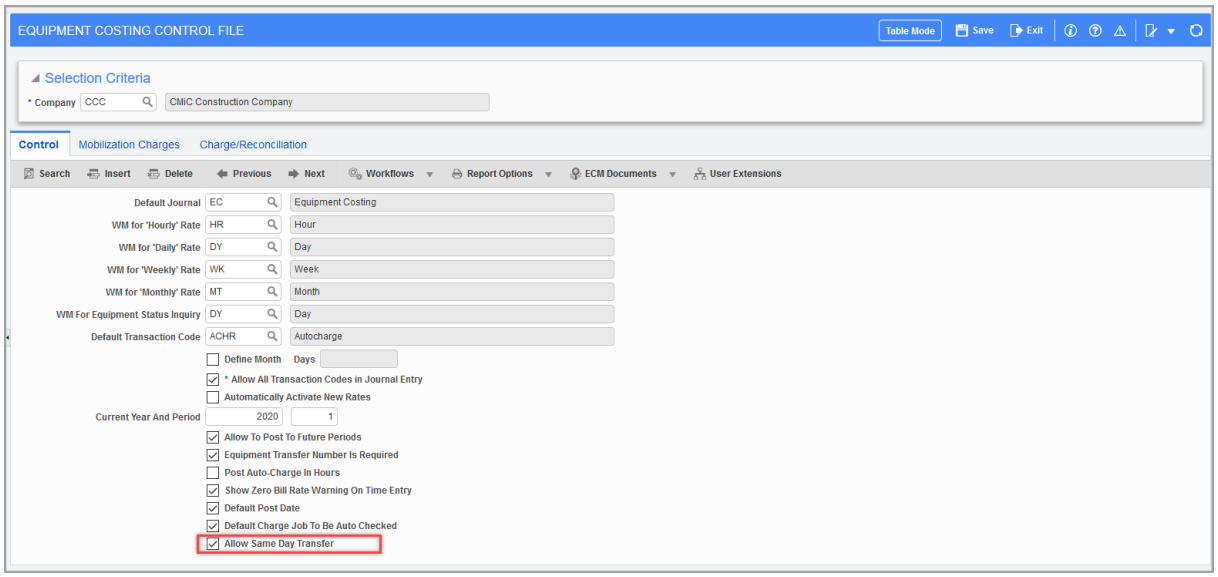
Flag 'Allow Same Day Transfer' is added to Equipment Costing Control File.

Allow Same Day Transfer – Checked (Y)

User can transfer the equipment on the same day it is commissioned.

Allow Same Day Transfer – Un-checked (N)

User will be restricted, and transfer of equipment is not allowed on the same day it is commissioned.

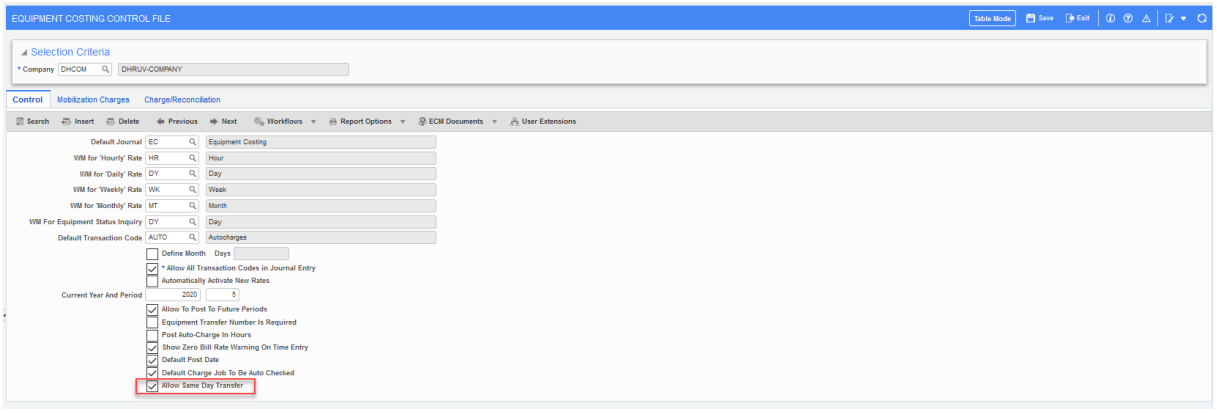


Asset Management > Equipment Costing > Setup > Local Tables > Control File

Implementation

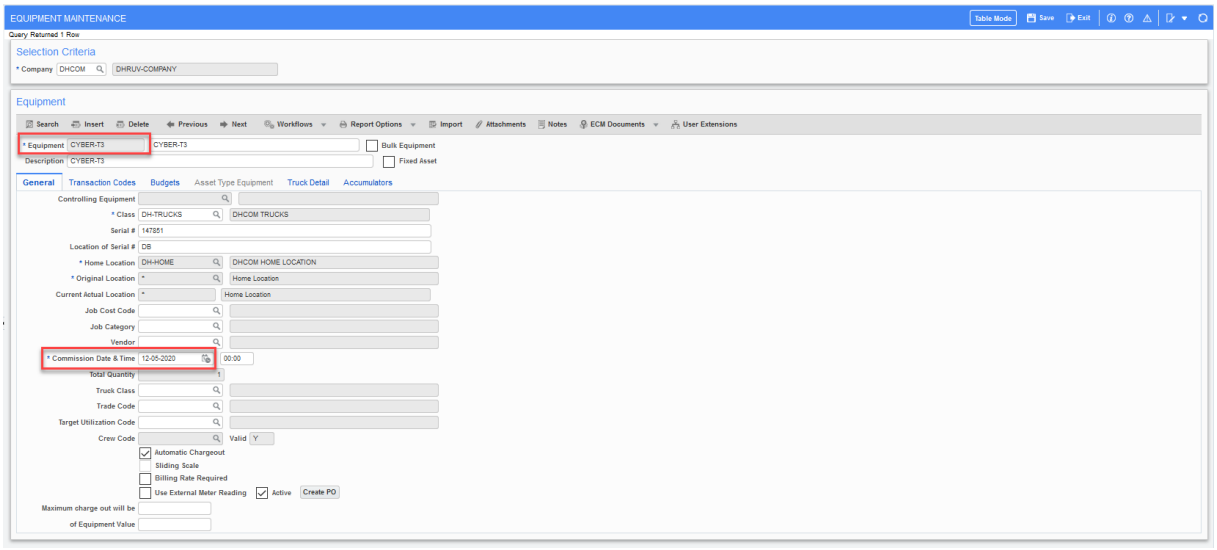
Company: DHCOM, added a new equipment CYBER-T3

Allow Same Day Transfer: Checked (Y) – Equipment can be transferred on the same day it is commissioned.



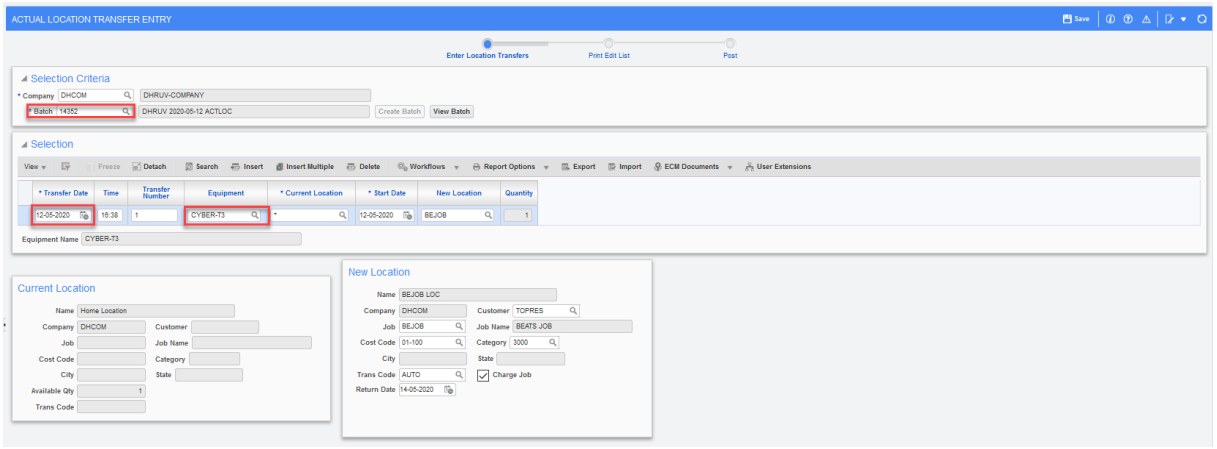
Asset Management > Equipment Costing > Setup > Local Tables > Control File

New equipment CYBER-T3 is added on 12-05-2020.



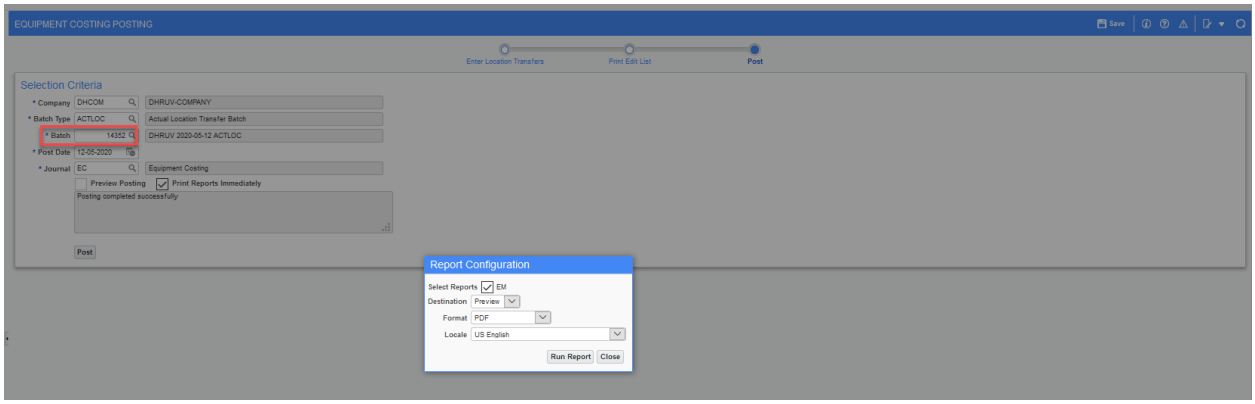
Asset Management > Equipment Costing >Setup > Enter Equipment

Transferring ‘CYBER-T3’ on 12-05-2020 to BEJOB location.



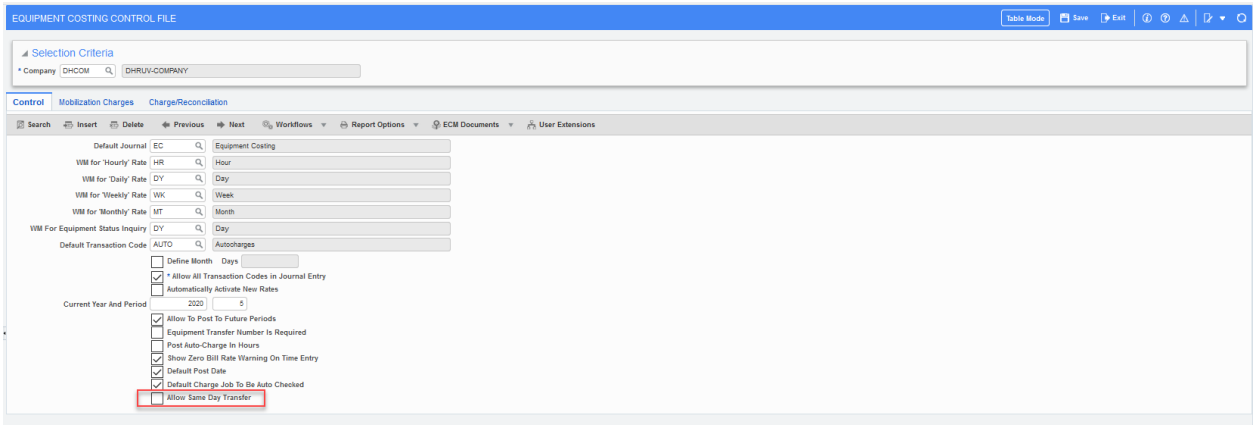
Asset Management > Equipment Costing > Transaction > Actual Location Transfer > Enter Transfer Transaction

Equipment transferred successfully.



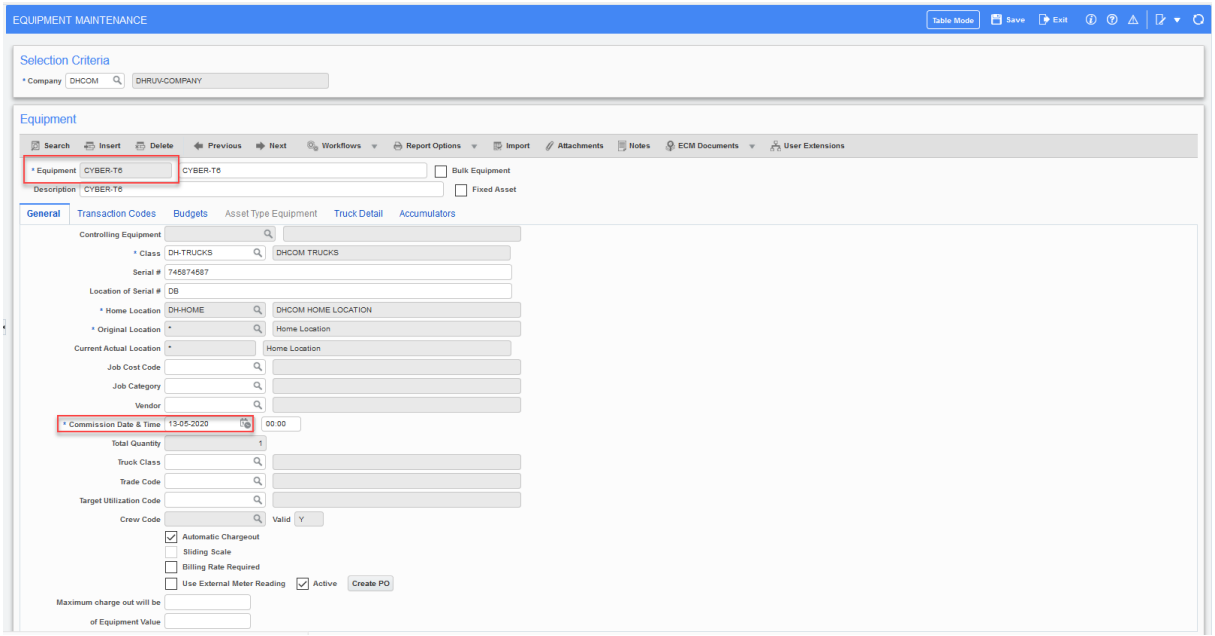
Asset Management > Equipment Costing > Transaction > Actual Location Transfer > Enter Transfer Transaction

Allow Same Day Transfer: Un-checked (N) - User will be restricted, and transfer of equipment is not allowed on the same day it is commissioned.



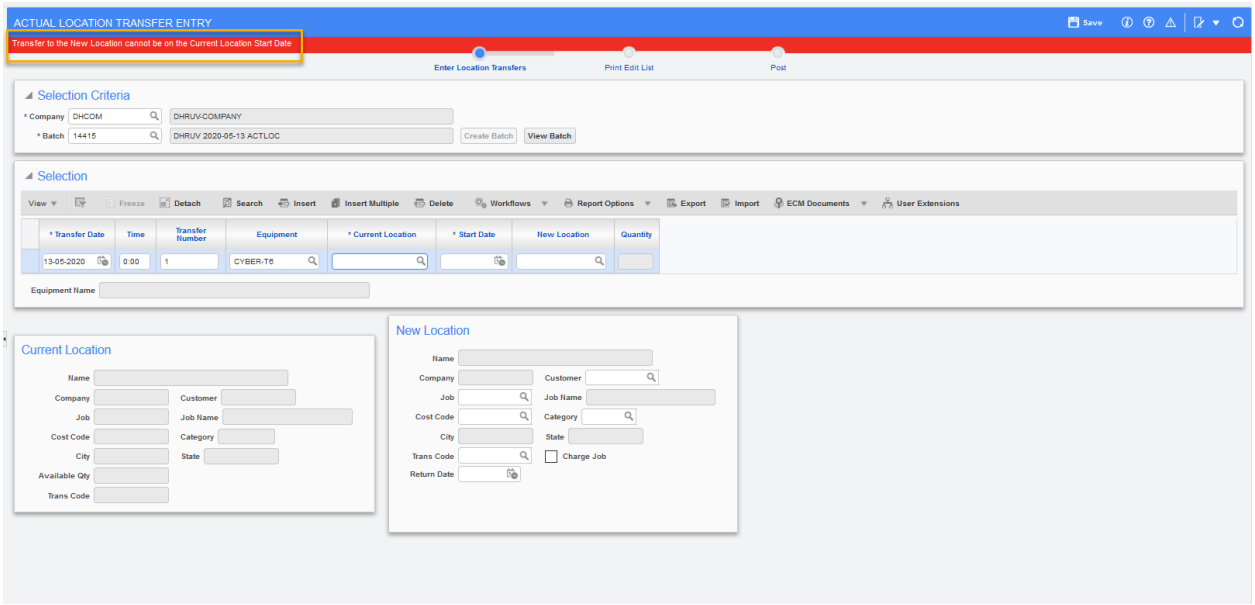
Asset Management > Equipment Costing > Setup > Local Tables > Control File

Added new equipment: CYBER-T6 with commission date 13-05-2020.



Asset Management > Equipment Costing >Setup > Enter Equipment

Transferring equipment on 13-05-2020.



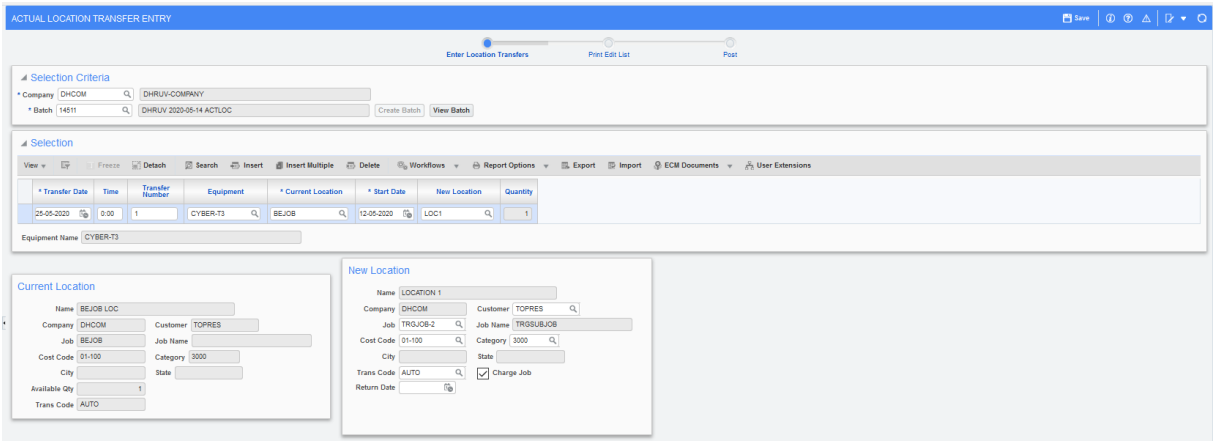
Asset Management > Equipment Costing > Transaction > Actual Location Transfer > Enter Transfer Transaction

Equipment cannot be transferred on the same day it is commissioned and the ‘Allow Same Day Transfer’ flag is un-checked.

Error is thrown ‘Transfer to the new location cannot be on the Current Location Start Date’.

If an equipment is transferred to a job and user wants to transfer the same equipment to another job, then the ‘Allow Same Day Transfer’ flag must be checked.

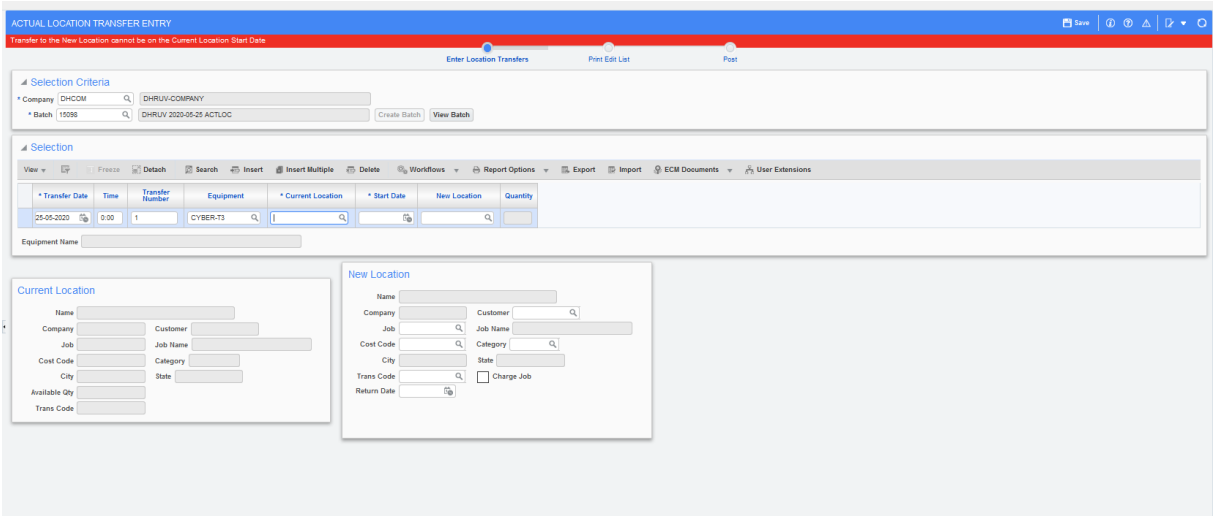
Transferring equipment ‘CYBER-T3’ from ‘BEJOB LOC’ to ‘LOC1’ on 25-05-2020.



Asset Management > Equipment Costing > Transaction > Actual Location Transfer > Enter Transfer Transaction

Unchecking the ‘Allow Same Day Transfer’ flag: N

Transferring equipment ‘CYBER-T3’ to ‘BEJOB-2’ location.

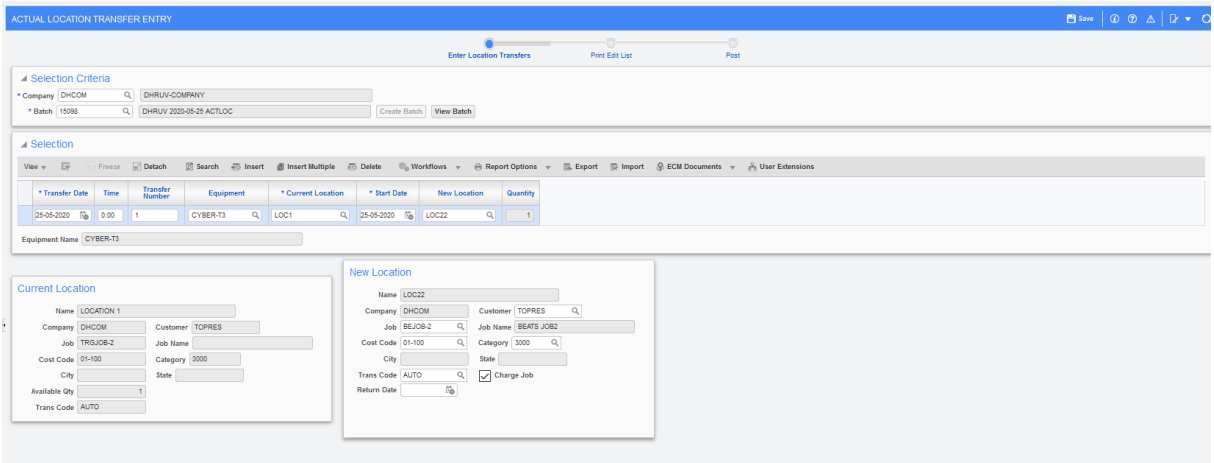


Asset Management > Equipment Costing > Transaction > Actual Location Transfer > Enter Transfer Transaction

Error is thrown ‘Transfer to the New Location cannot be on the Current Location Start Date’

‘Allow Same Day Transfer’ – Checked (Y)

Transferring equipment ‘CYBER-T3’ to ‘BEJOB-2’ location.



Asset Management > Equipment Costing > Transaction > Actual Location Transfer > Enter Transfer Transaction

DHCOM - DHRUV-COMPANY

Page: 1 of 1
Date: May 25, 2020
Time: 3:54 PM EDT

EQUIPMENT COSTING - ACTUAL LOCATION TRANSFER POSTING REPORT

Tran Num	Date	Transfer Ref.#	Equipment	Qty		Location	Company	Job	Cost Code	Category	Status	Customer
3694	25-05-2020	1	CYBER-T3	1.00	From	LOC1	DHCOM	TRGJOB-2	01-100	3000	AUTO	
					To	LOC22	DHCOM	BEJOB-2	01-100	3000	AUTO	TOPRES

Modifications to EREC Process to Account for Rented Equipment. (19.83242)

Ability to process EREC for rented equipment and modifications to EREC process.

Overview

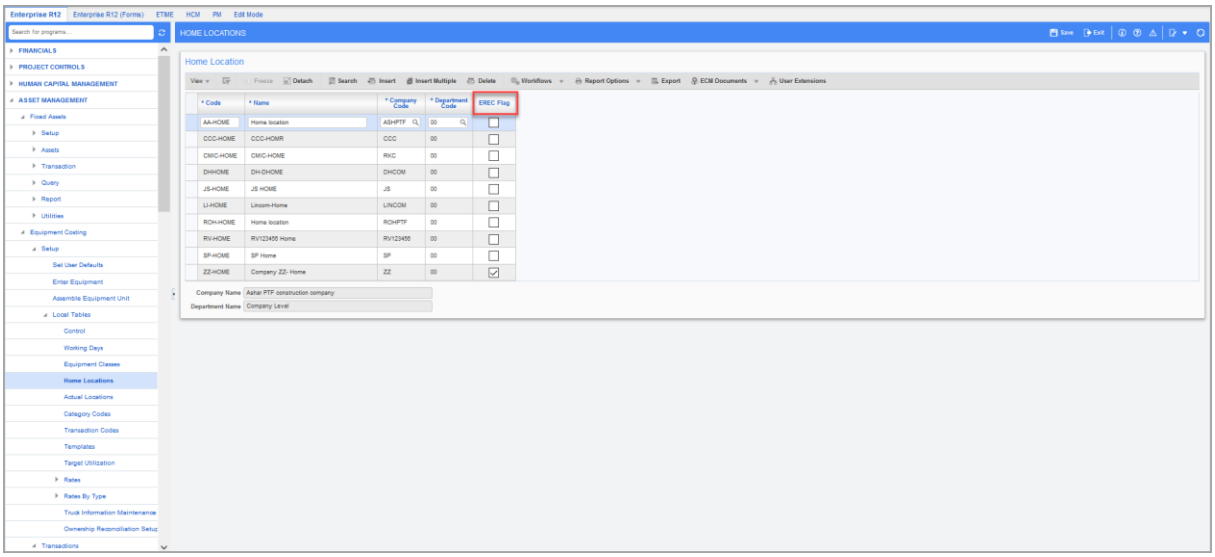
Added new field EREC flag in Equipment Home Location. Modified to read the EREC flag from home location and not to create EREC transaction if transfer of an equipment to a job with transaction code AVAL and stayed for 7 days.

Modifications

A flag ‘EREC Flag’ is added in Home Locations screen. The flag is hidden by default and user must use Lite Editor to make this flag visible.

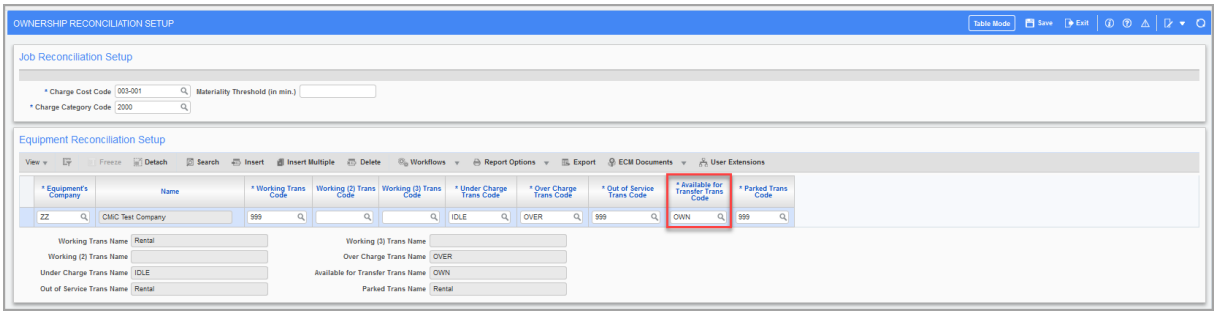
The default state of the flag unchecked (N).

User must check (Y) the EREC flag on the Home Location(s) where they want equipment to process EREC.

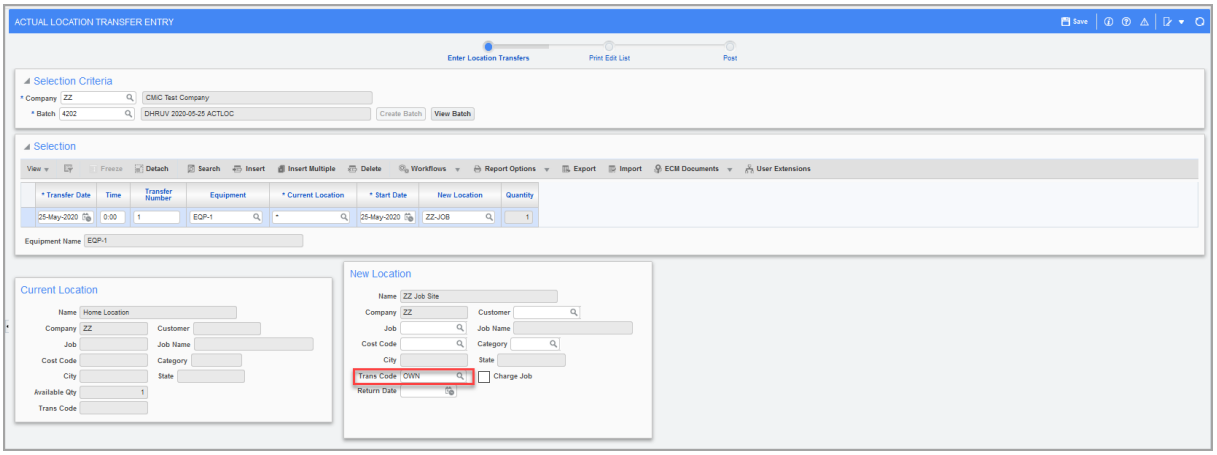


Asset Management > Equipment Costing > Setup > Local Tables > Home Locations

If the ‘Available for Transfer Trans Code‘ on ‘Ownership Reconciliation Setup’ screen matches with the Actual Location Transfer Transaction Code and equipment stayed for 7 days of a period with the same transaction code on a job, then it will be included in the EREC process.



Asset Management > Equipment Costing > Setup > Local Tables > Ownership Reconciliation Setup

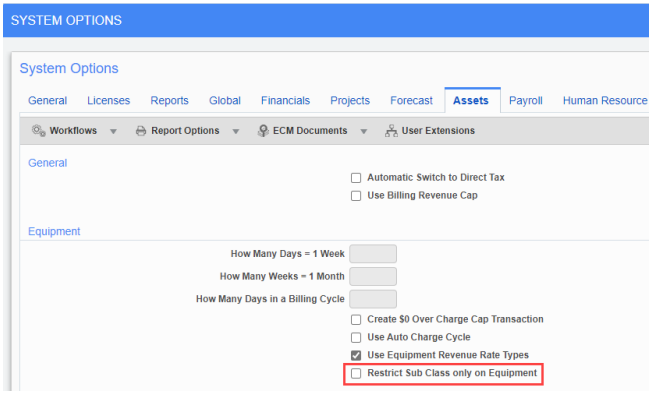


Asset Management > Equipment Costing > Transactions > Actual Location Transfer > Enter Transfer Transactions

Restrict Sub Class Only on Equipment (20.24578)

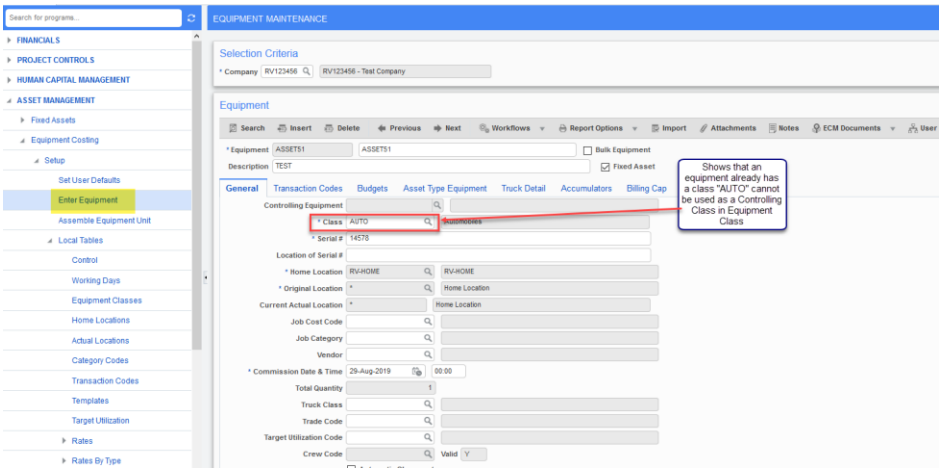
The System Options>Assets tab is modified with an addition of a new flag ‘Restrict Sub Class only on Equipment’. When checked, Equipment Class program and Equipment Maintenance will not allow any controlling class being selected. When un-checked the standard functionality applies, allowing any class in equipment. The standard Rule of only two levels of hierarchy of classes, Controlling and a sub class are allowed.

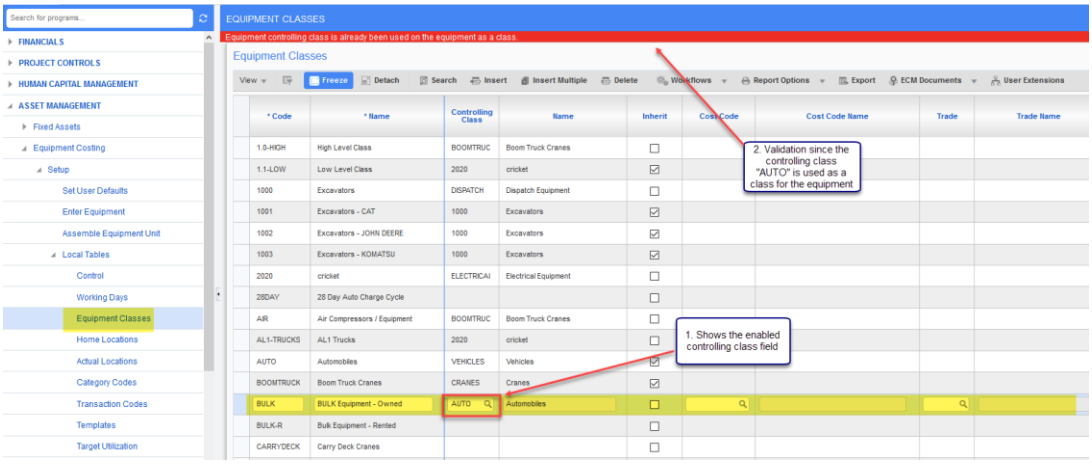
New System Options Flag under Assets tab: ‘Restrict Sub Class only on Equipment’.



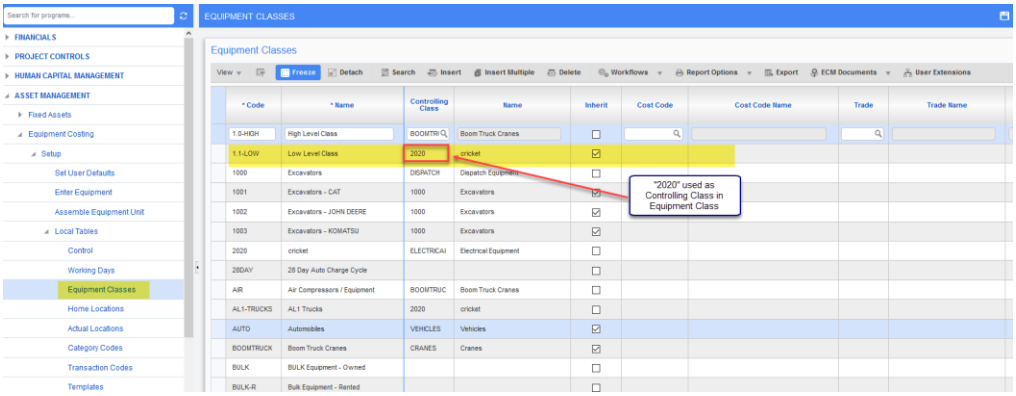
When the Flag: ‘Restrict Sub Class only on Equipment’ is checked, the following will happen:

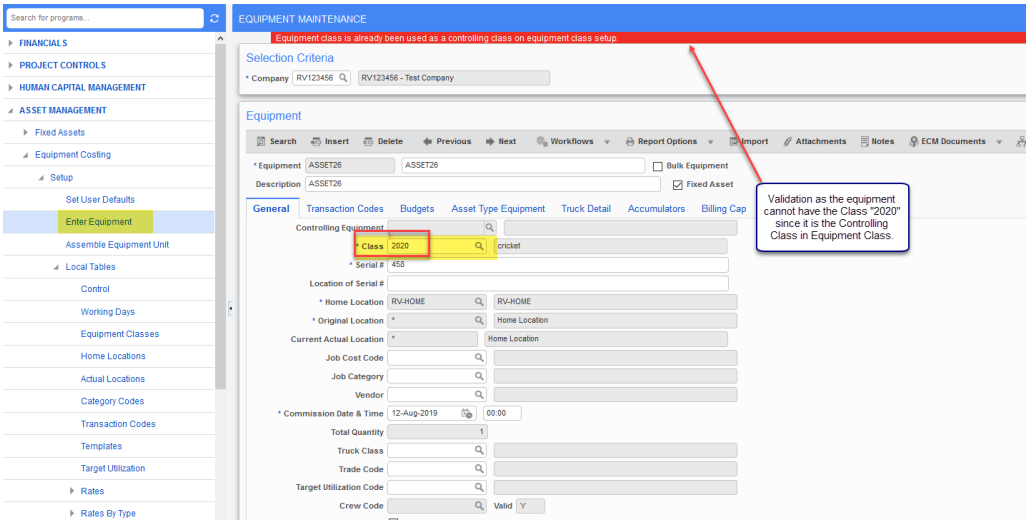
1. Enabled the Controlling Class field on Equipment Classes setup screen and added the validation, not to allow to enter controlling class if it is already been used on any of the equipment as a class.





2. Modified the Equipment Entry program, where validation was added on equipment class field, not to allow to enter equipment class if it was already used as a Controlling Class on Equipment Class setup screen.





Ability to Copy EQ Rates to Controlling Job and/or Sub Job (20.23790)

Overview

Added the feature to copy equipment class rates to controlling job and/or sub job.
User can copy billing rates and/or charge rates.

Modifications

The following fields are added.

Rate: Rate radio button is used to select the rates to be copied. By default, 'Both' is selected.

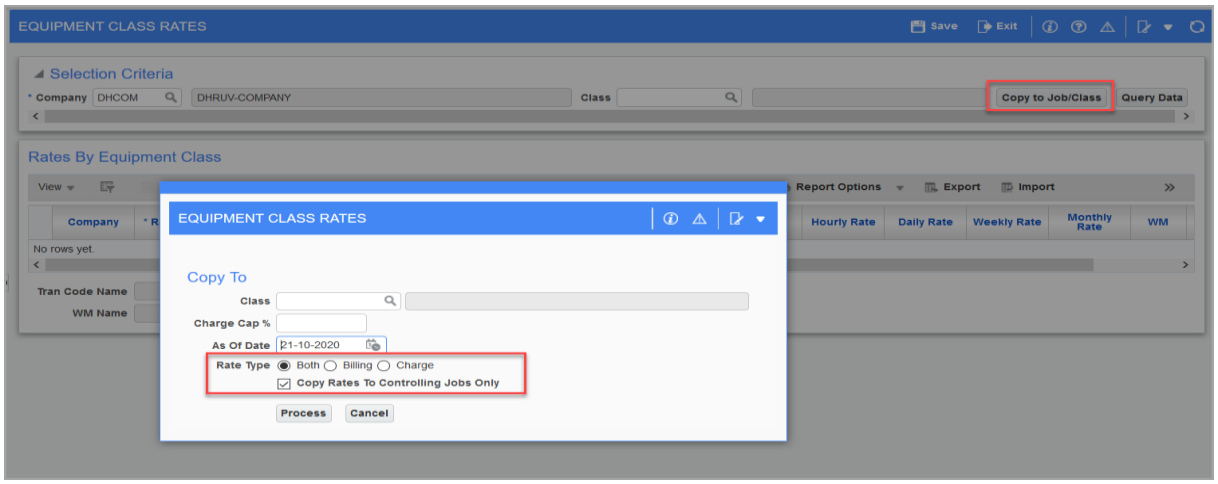
- Both: Billing Rates and Charge Rates are copied
- Billing: Only Billing Rates are copied
- Charge: Only Charge Rates are copied

Copy Rates to Controlling Jobs Only Checkbox -Default state of the flag is checked.

- Checked – Rates are only copied to 'Controlling Jobs'.
- Un-checked – Rates are copied to controlling job and sub job.

➢ Rates must exist for the selected 'As of Date'.

➢ If rates already exist for the destination class on the selected 'As of Date', the rates will not be modified/copied.



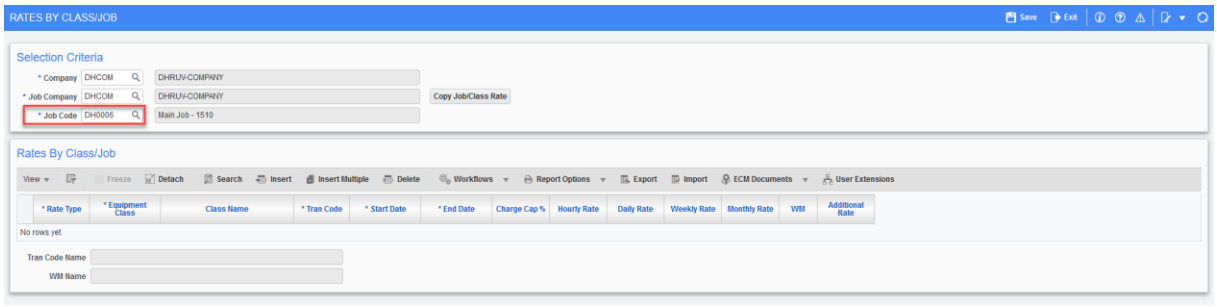
Asset Management > Equipment Costing > Local Tables > Rates > Class – EQ Class Rates: [Copy to Job/Class] pop-up

Implementation

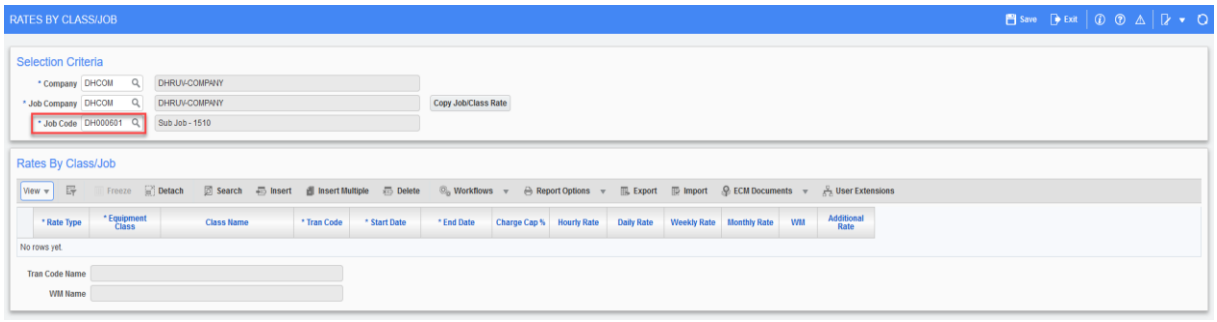
Main Job: DH0006

Sub Job: DH000601

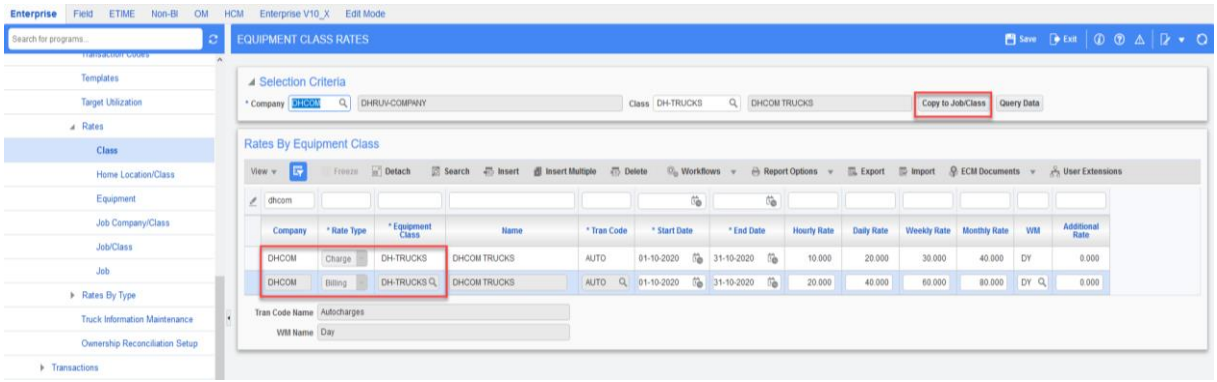
Rates does not exist in both the jobs.



Asset Management > Equipment Costing > Local Tables > Rates > Job/Class - Rates by Class/Job



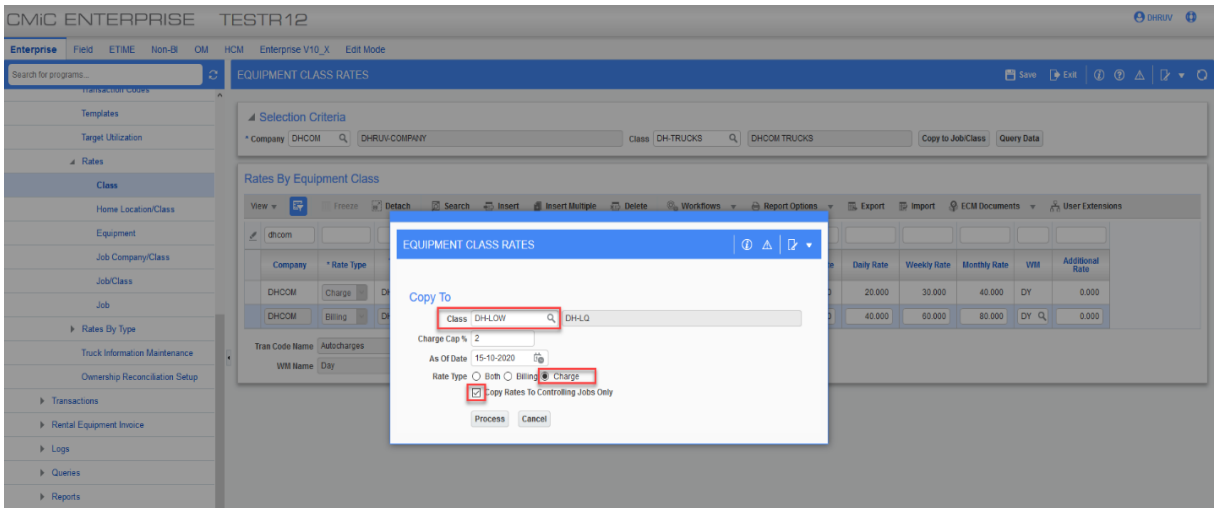
Asset Management > Equipment Costing > Local Tables > Rates > Job/Class - Rates by Class/Job 'DH-TRUCKS' Class Rates



Asset Management > Equipment Costing > Local Tables > Rates > Class – Rates by Class/Job

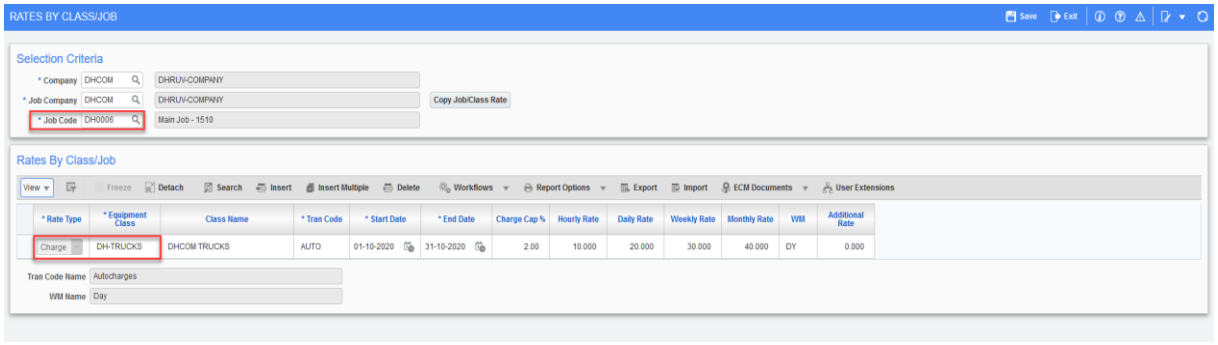
[**Copy to Job/Class**]

Copying rates to 'DH-LOW' class, only charge rates are being copied.

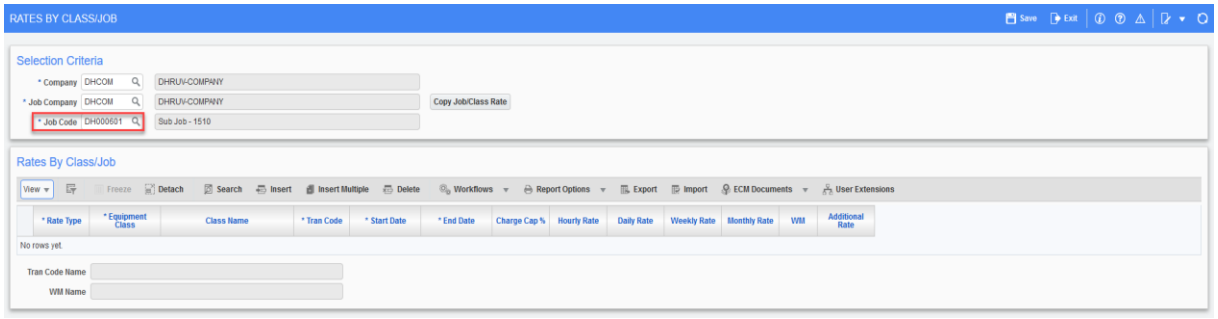


Asset Management > Equipment Costing > Local Tables > Rates > Class – Copy Job/Class Rates pop-up

Charge Rate copied to controlling job only.

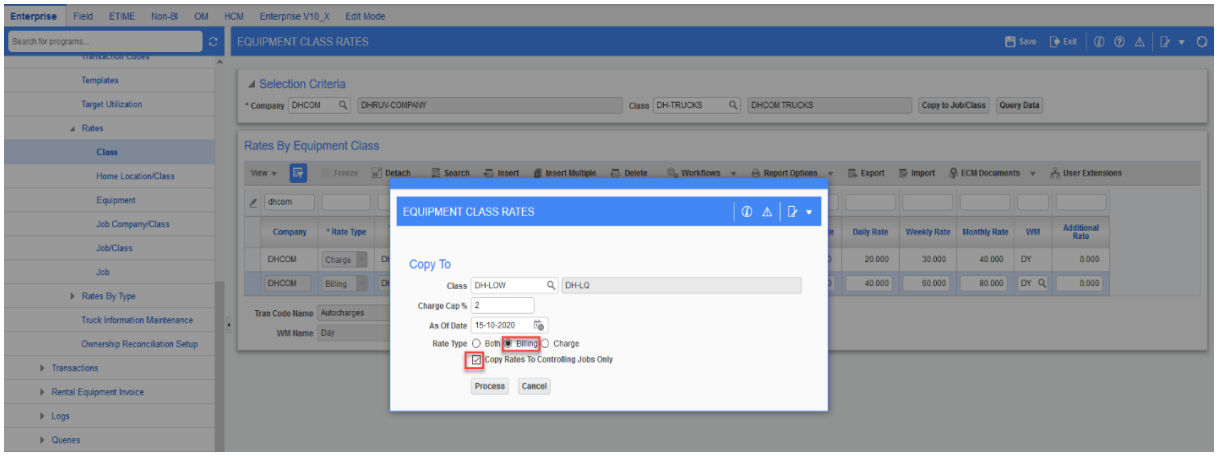


Asset Management > Equipment Costing > Local Tables > Rates > Job/Class - Rates by Class/Job



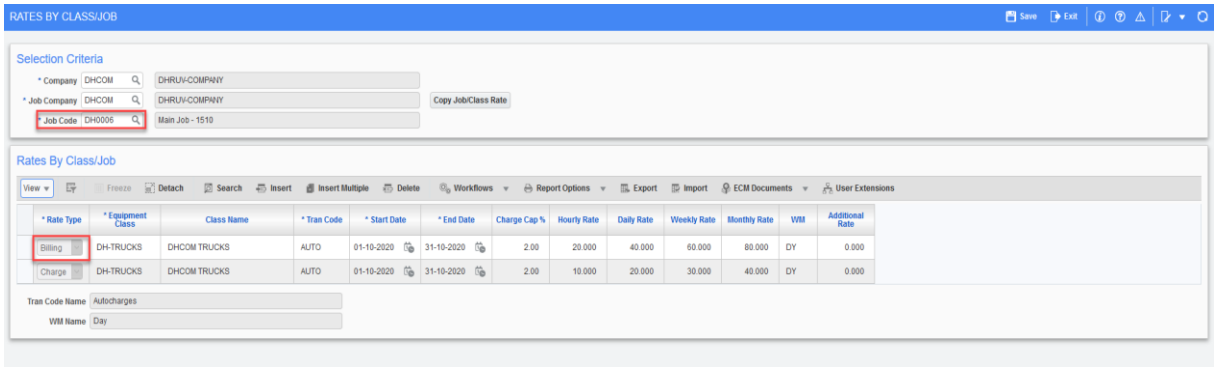
Asset Management > Equipment Costing > Local Tables > Rates > Job/Class - Rates by Class/Job

Copying Billing Rates to controlling job only.

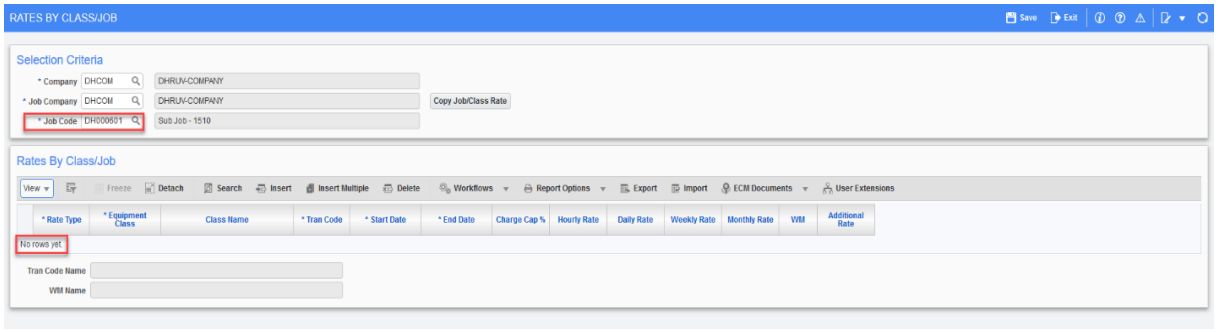


Asset Management > Equipment Costing > Local Tables > Rates > Class – Copy Job/Class Rates pop-up

Billing Rate copied successfully to controlling job.

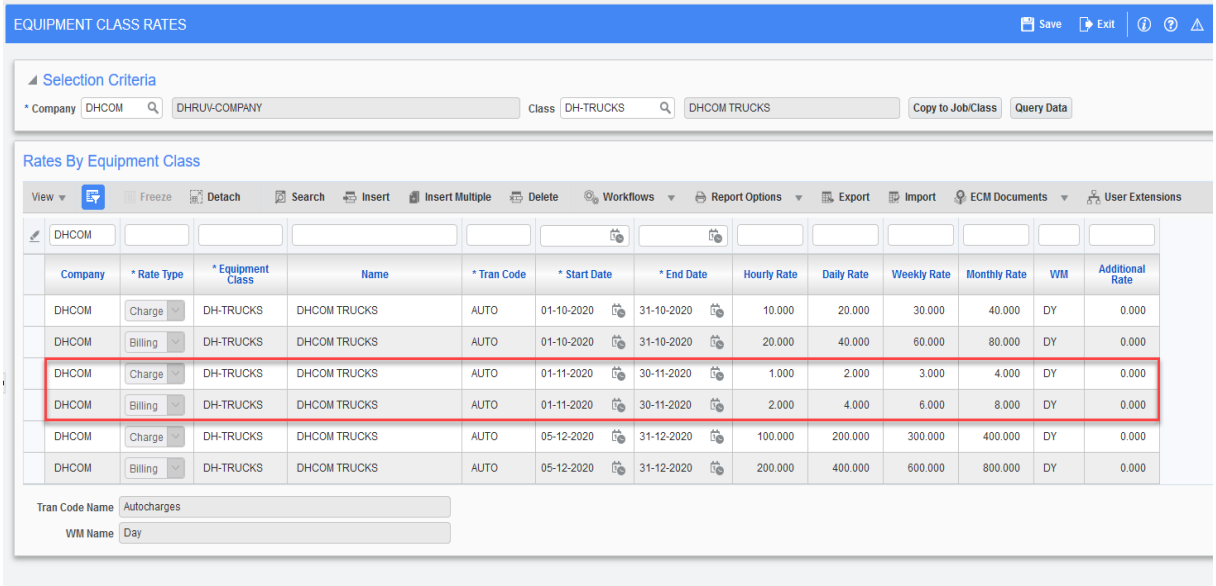


Asset Management > Equipment Costing > Local Tables > Rates > Job/Class - Rates by Class/Job



Asset Management > Equipment Costing > Local Tables > Rates > Job/Class - Rates by Class/Job

Added NEW RATES for ‘DH-TRUCKS’ with new effective date.

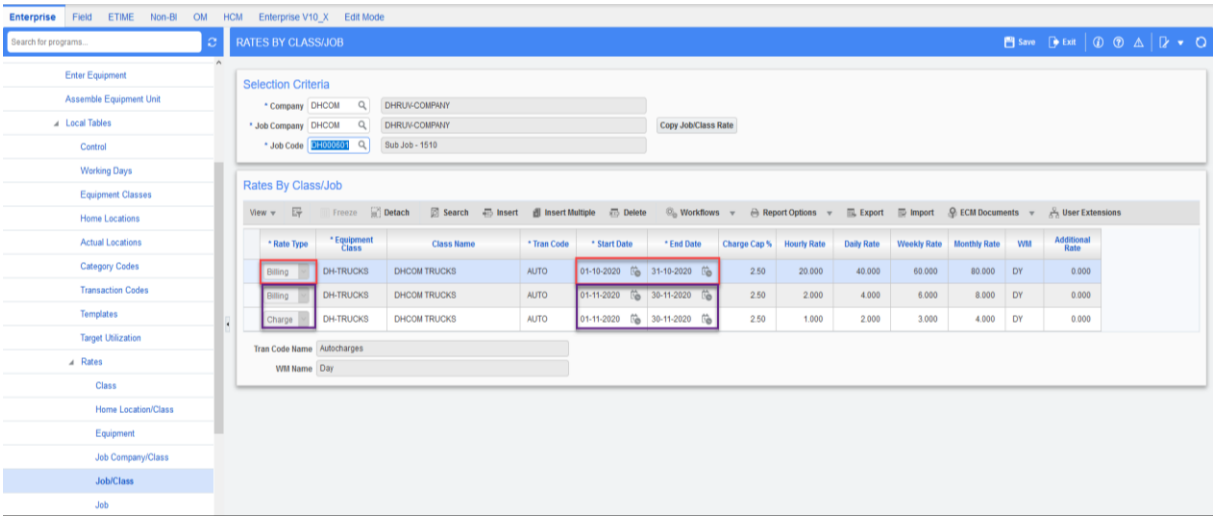


Asset Management > Equipment Costing > Local Tables > Rates > Class

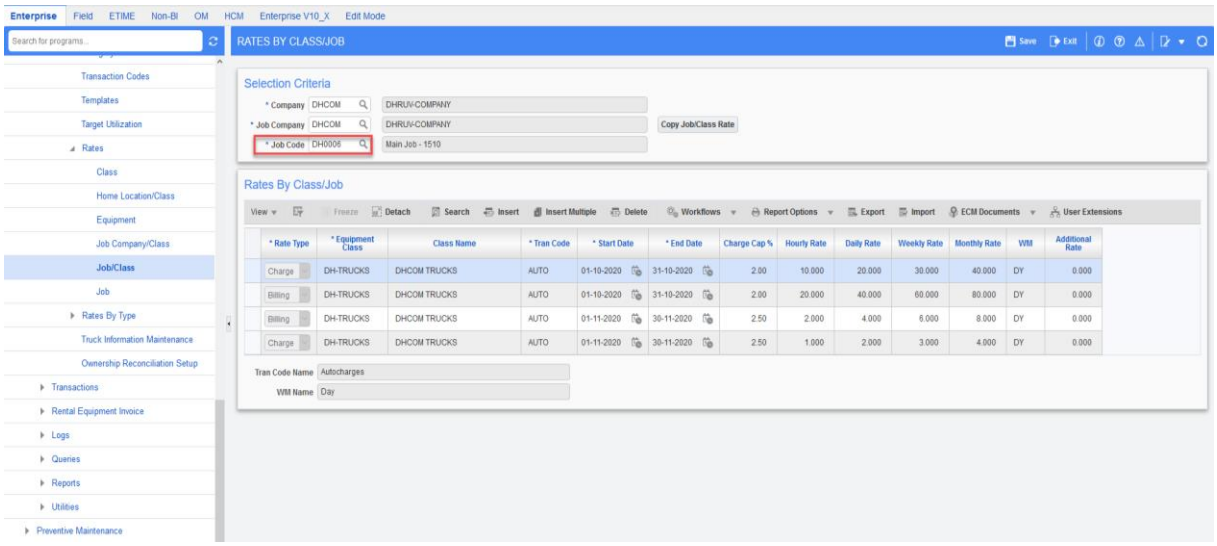
Scenario 1: Copied only Billing Rates to DH-LOW with 2.5% cap – As of Date '15-10-2020'

Scenario 2: Copied Both Rates to 'DH-LOW' with 2.5% cap – As of Date '01-11-2020'

- Billing Rate should exist for sub job as of 15/10.
- New Rates (Billing & Charge) should exist for sub job as of 01/11
- New Rates (Billing & Charge) should exist for controlling job as of 01/11



Asset Management > Equipment Costing > Local Tables > Rates > Job/Class– Rates by Class/Job



Asset Management > Equipment Costing > Local Tables > Rates > Job/Class – Rates by Class/Job

Added ‘Quantity’ in Actual Location Transfer Bulk Item Import
(21.41989)

Overview

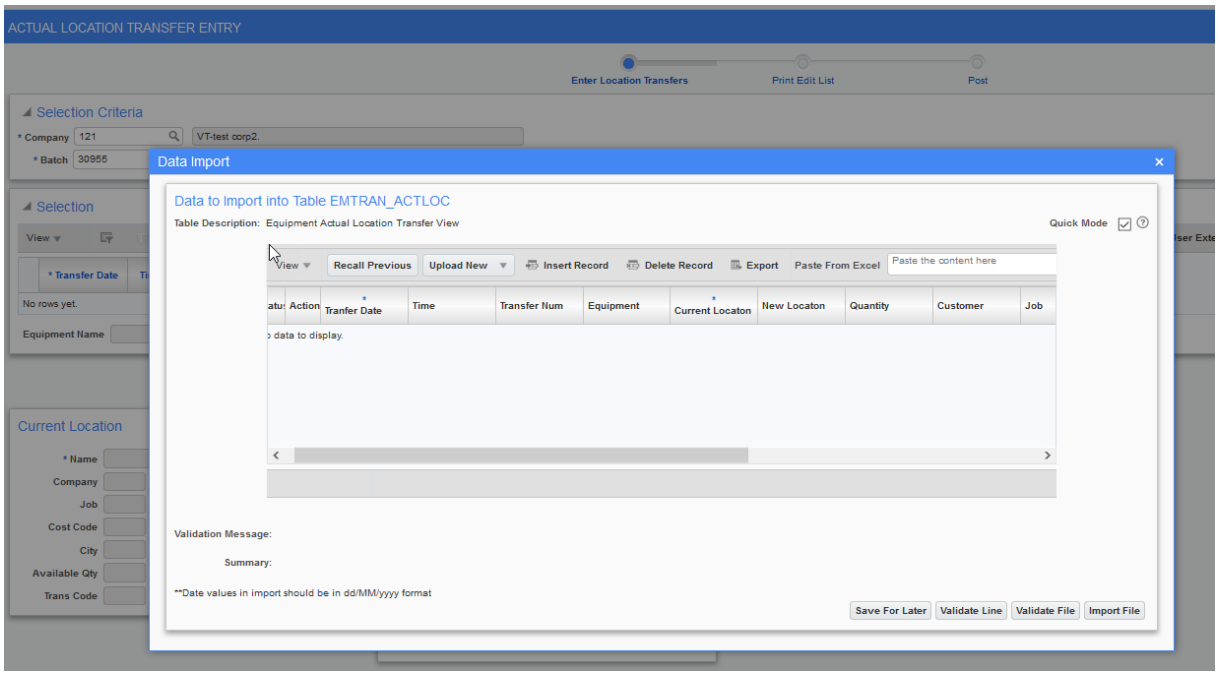
Added quantity field to Actual Location Transfer bulk item import. (Program-EMALTR)

Modifications

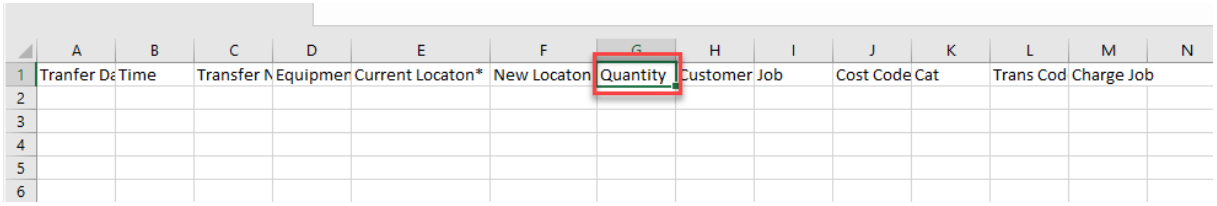
Added quantity field to Actual Location Transfer bulk item import file EMTRAN_ACTLOC.

Implementation

Quantity field is added in import table as well as import file da_emtran_actloc.



Asset Management> Equipment Costing> Transactions> Actual Location Transfer> Enter Transfer Transactions



EMTRAN_ACTLOC

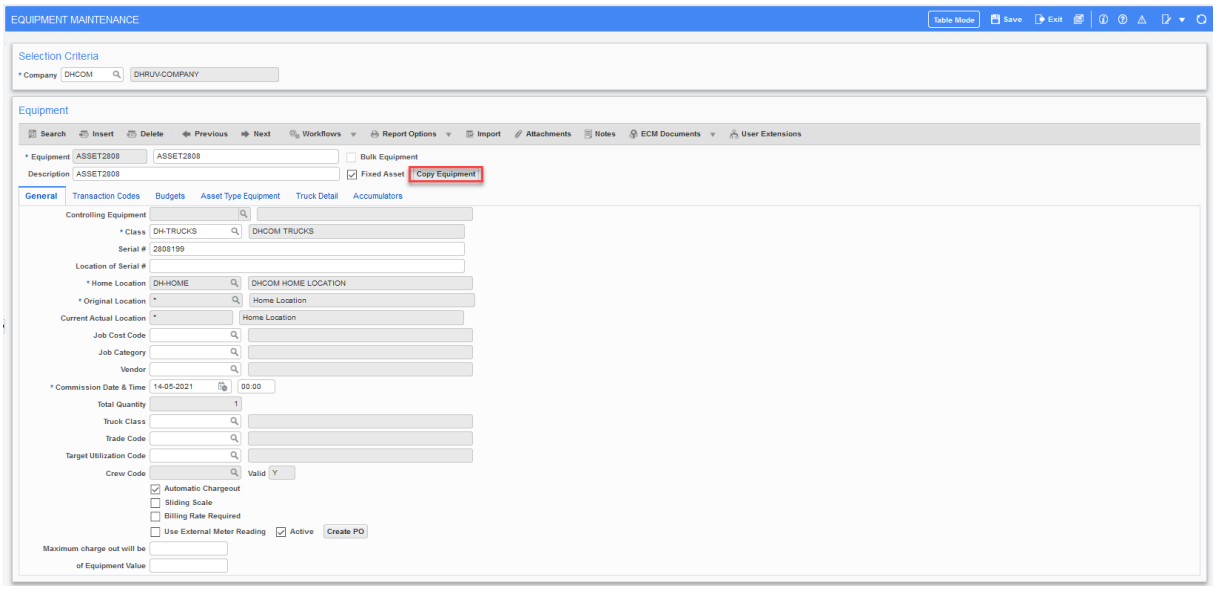
Copy Equipment (20.34147)

Overview

Added ‘Copy Equipment’ functionality in equipment maintenance program.

Modifications

‘Copy Equipment’ button is added to equipment maintenance program.



Equipment Costing > Setup > Enter Equipment

Mandatory fields in Copy Equipment pop-up:

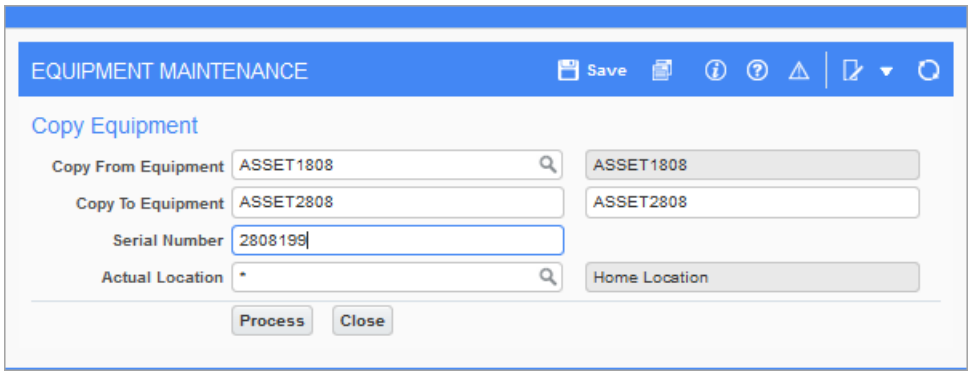
Copy From Equipment: Select the equipment code which is to be copied. The equipment from which the [Copy Equipment] button is accessed/clicked will be defaulted in this field.

Copy To Equipment: Enter the new equipment code and equipment name.

Serial Number: Enter a unique serial number.

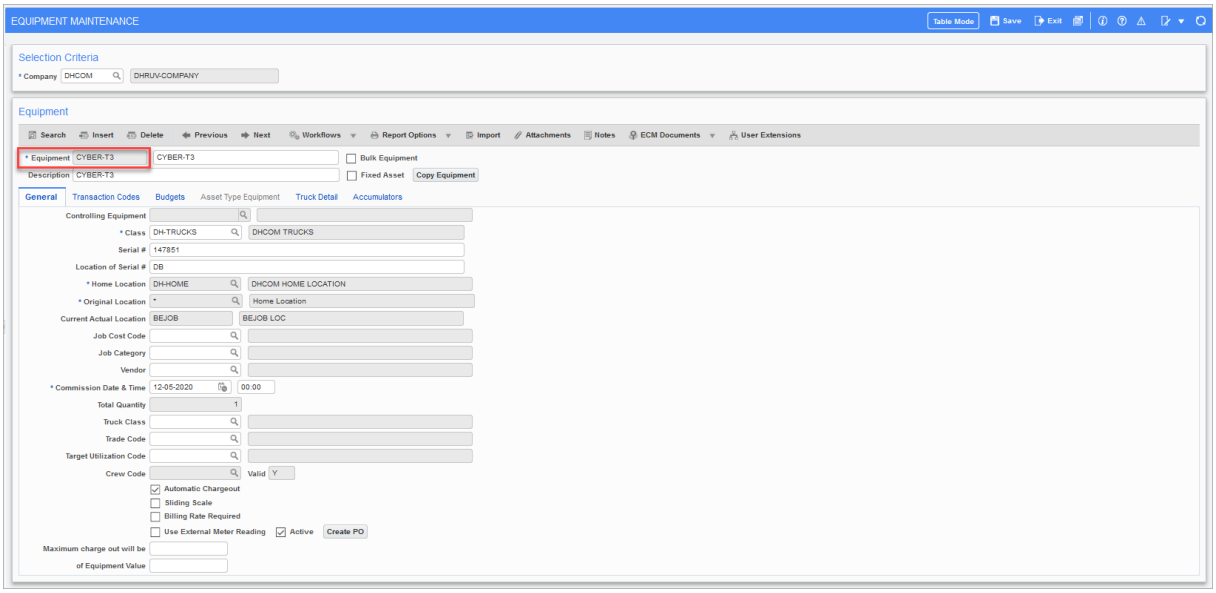
Actual Location: Select the actual location of the equipment from LOV.

NOTE: Equipment code must be entered in upper case

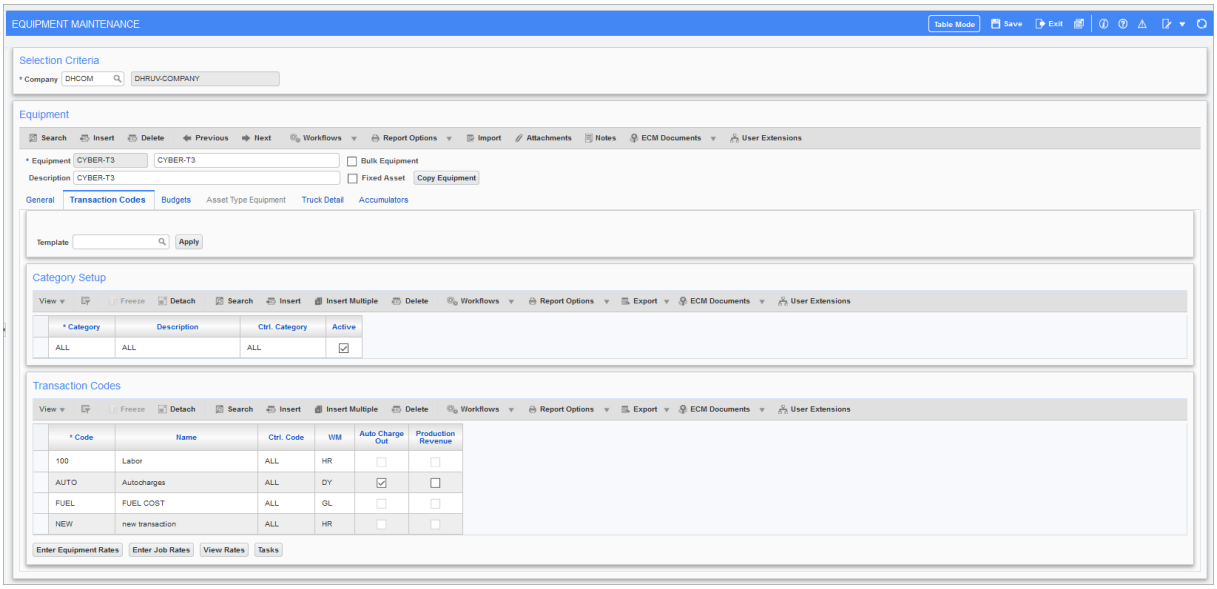


Equipment Costing > Setup > Enter Equipment > Copy Equipment pop-up

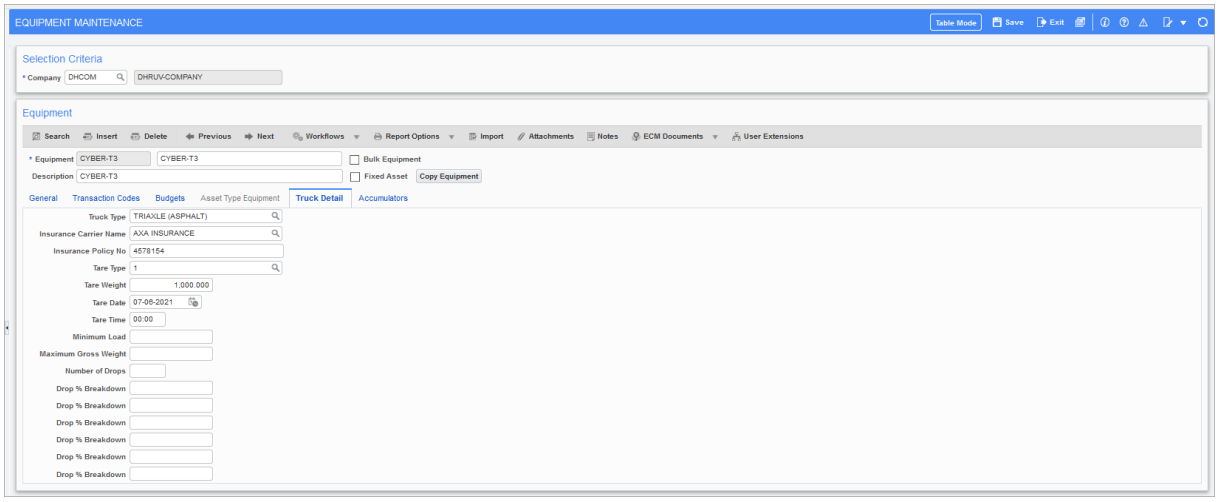
Implementation
Equipment: CYBER-T3



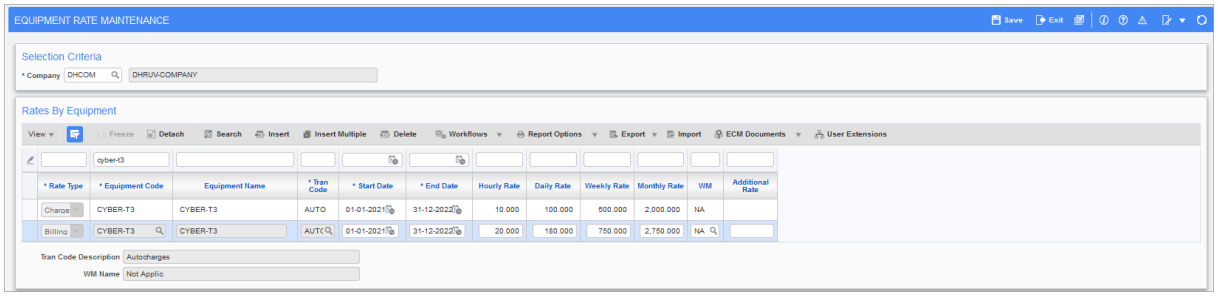
Equipment costing > Setup > Enter Equipment



Equipment costing > Setup > Enter Equipment – Transaction Codes

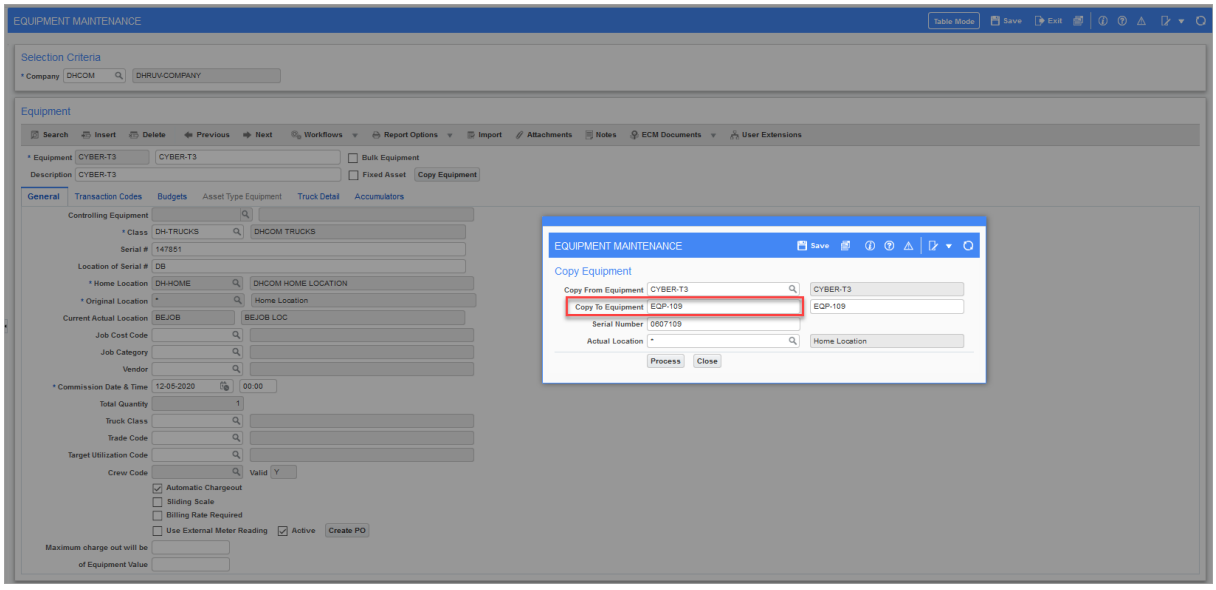


Equipment costing > Setup > Enter Equipment – Truck Detail



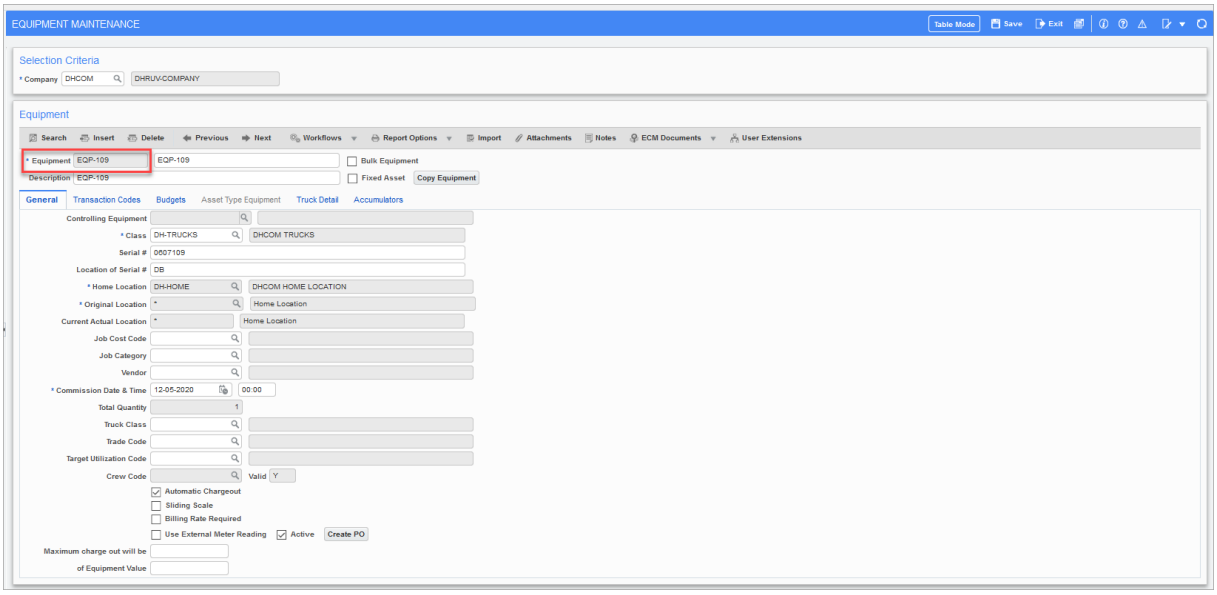
Equipment Costing > Local Tables > Rates > Equipment

[Copy Equipment]
Copy To Equipment: EQP-109
Click on [PROCESS]

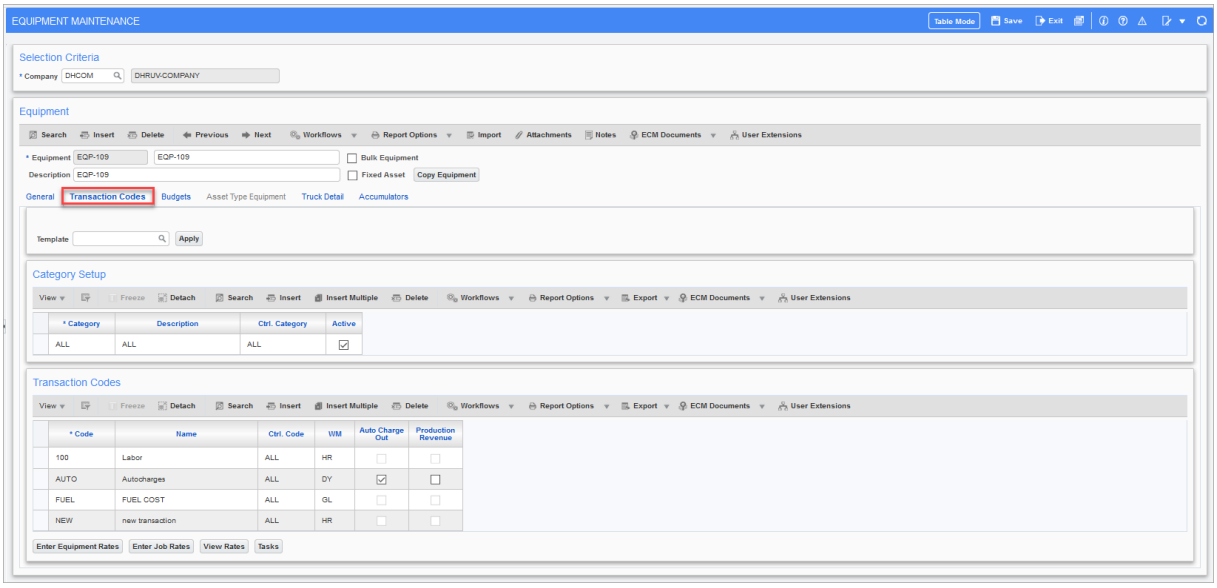


Equipment costing > Setup > Enter Equipment – Copy Equipment pop-up

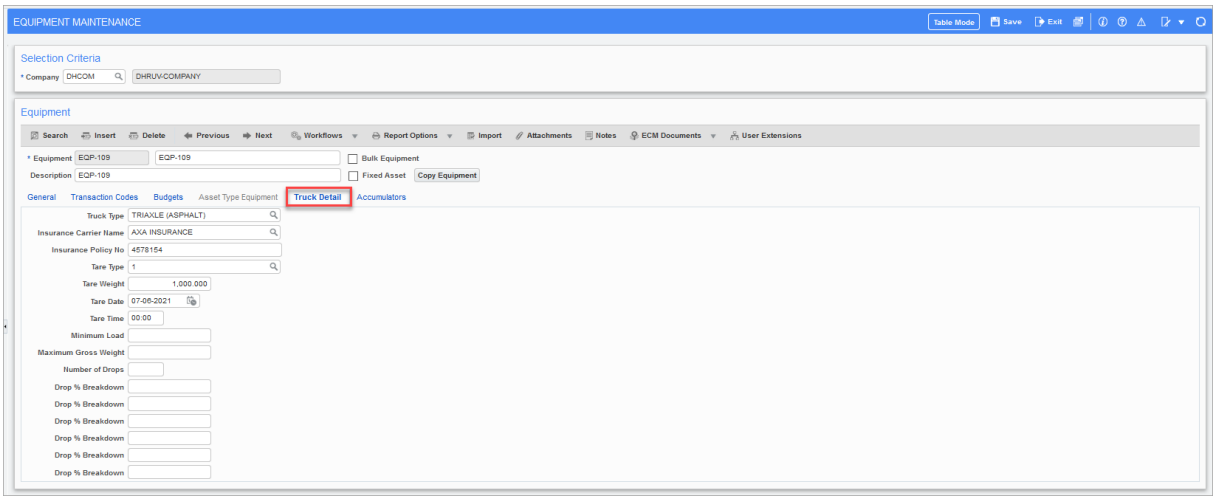
Query for the new equipment ‘EQP-109’
Equipment is copied successfully. Transaction code and Truck Detail tabs are also copied.



Equipment costing > Setup > Enter Equipment

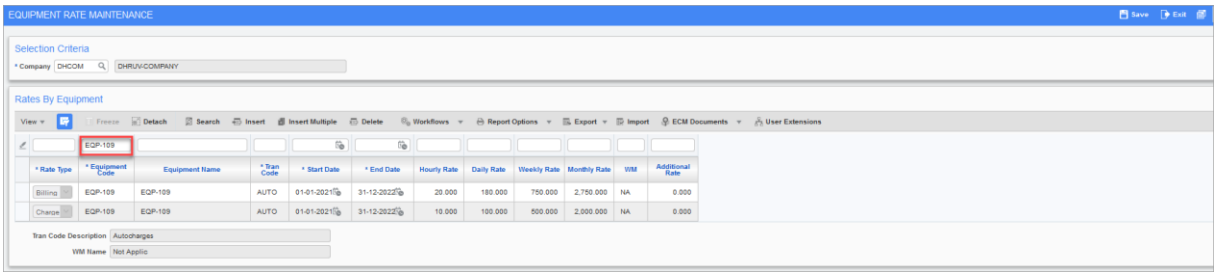


Equipment costing > Setup > Enter Equipment – Transaction codes



Equipment costing > Setup > Enter Equipment – Truck Detail

Equipment Rates for ‘EQP-109’



Equipment Costing > Local Tables > Rates > Equipment

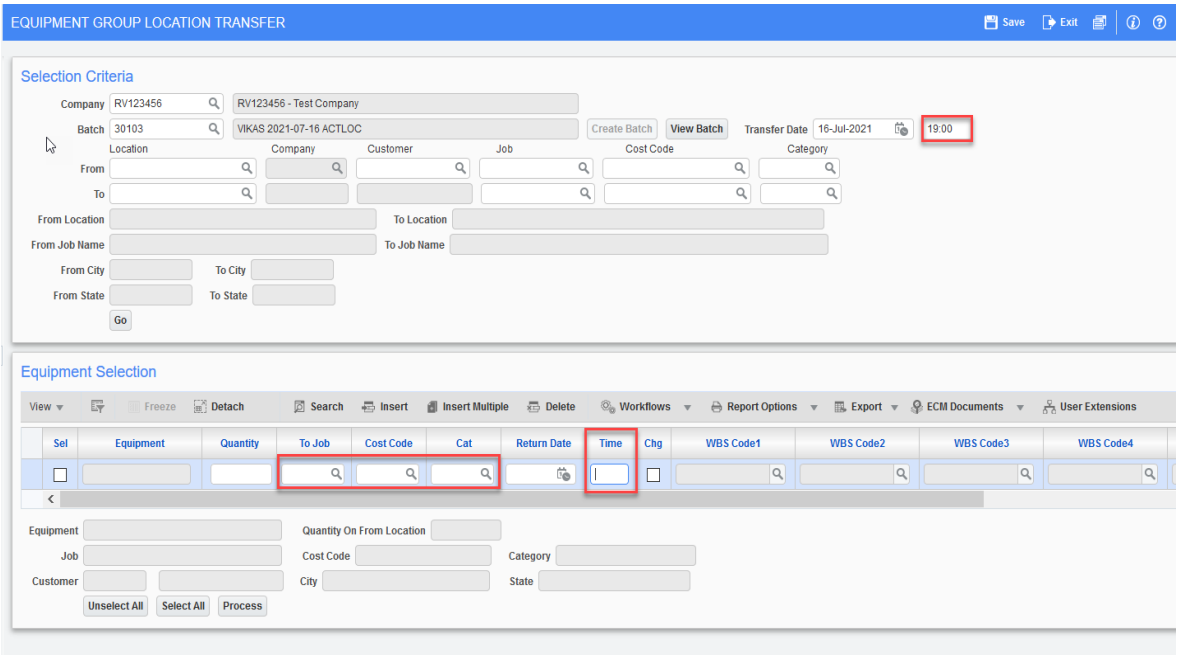
Group Location Transfer Entry- Adding Transfer time and LOVs to Job, Phase, and Category Code (21.42282)

Overview

Added Transfer time to control block and basic table block, and LOVs to job, phase and category code.

Modifications

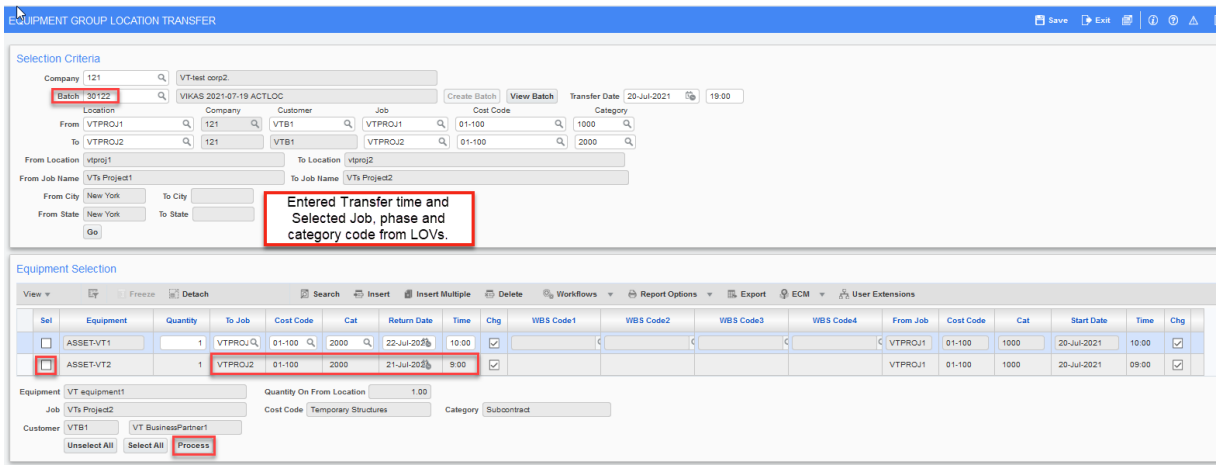
1. Transfer time field is added to Group Location Transfer entry screen.
2. Added LOVs to job, phase, and category code.



Asset Management > Equipment Costing> Transactions > Actual Location Transfer> Group Transfer Selection

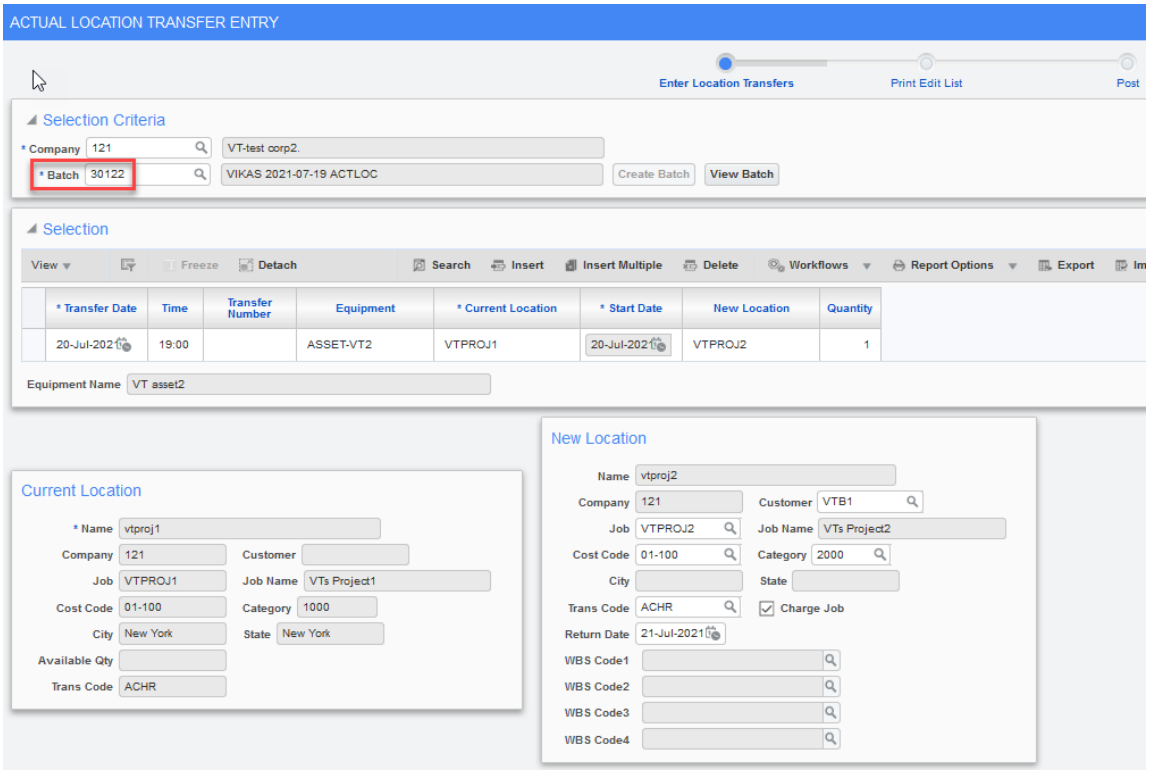
Implementation

Transfer time field is added with a default value of '19:00' in it.



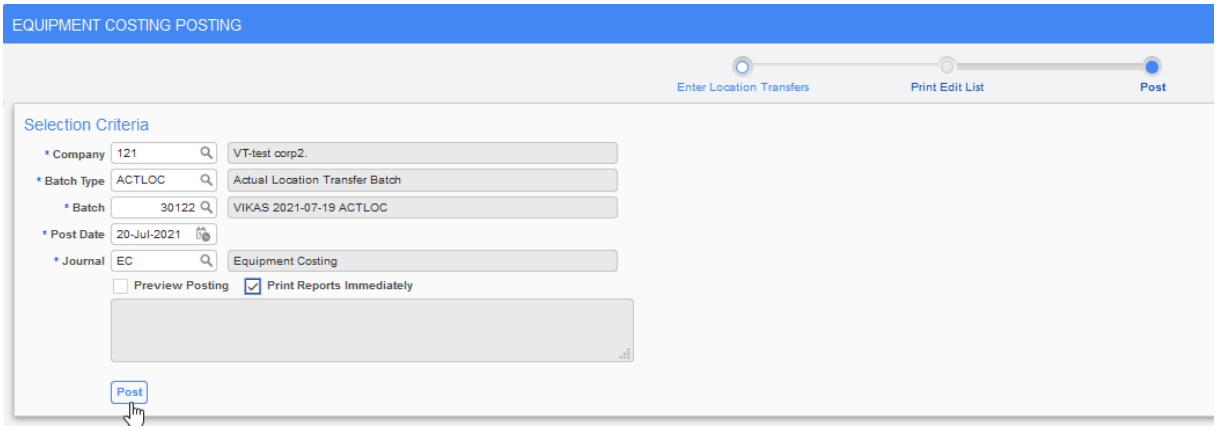
Asset Management > Equipment Costing> Transactions > Actual Location Transfer> Group Transfer Selection

Make the Equipment Selection and click on 'Process' button to post the transaction. After clicking on 'Process', go to 'Enter Transfer Transactions' and it prompts the same batch number with the selected equipment with all the records pre-filled except for 'Transfer Number'.



Asset Management > Equipment Costing> Transactions > Actual Location Transfer> Group Transfer Selection

Fill the 'Transfer Number' and check all the details and click on 'Post' button in the train.



Asset Management > Equipment Costing> Transactions > Actual Location Transfer> Group Transfer Selection

Check the 'Batch Number' and 'Post Date' and click on 'Post' button to get the batch posted.

EC Program/Manual- Sensitive Terminology Replacement (21.47732)

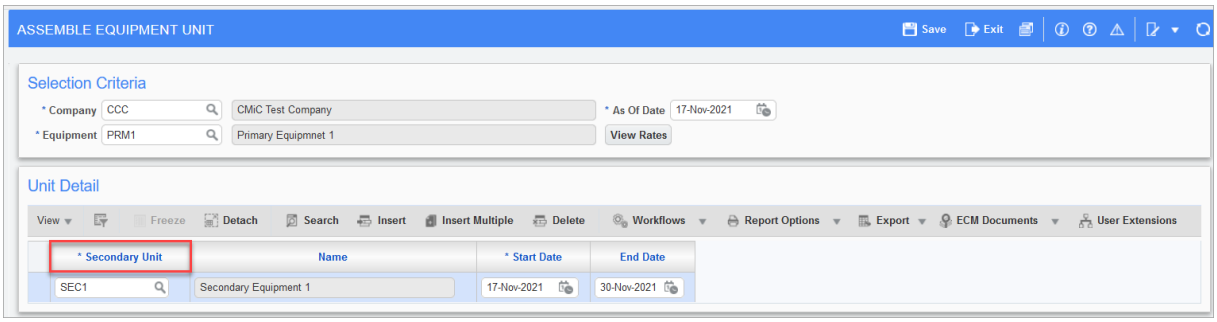
Overview

All References to the Terminology 'Master/Slave' is replaced with 'Primary/Secondary' throughout the software and the Equipment Costing Manual.

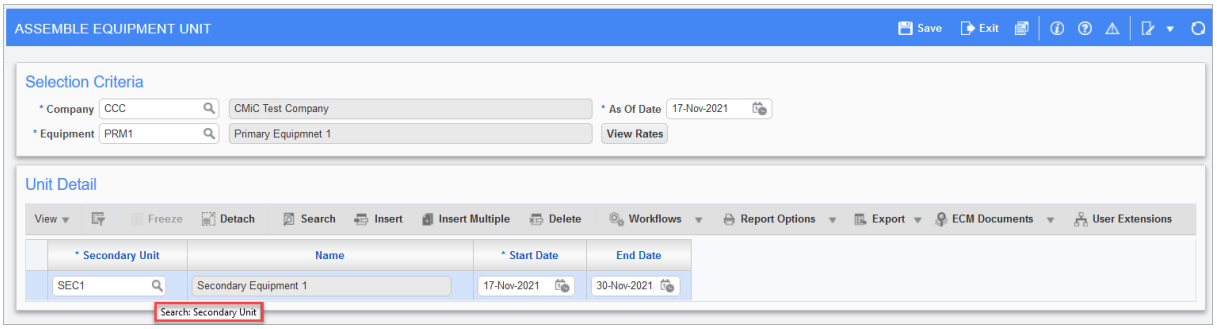
Modification

Following screen shows the updated terminology:

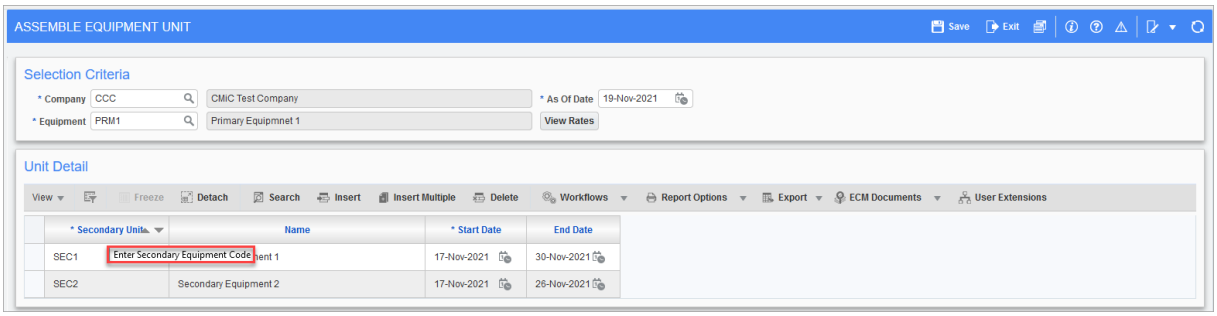
Assemble Equipment Unit:



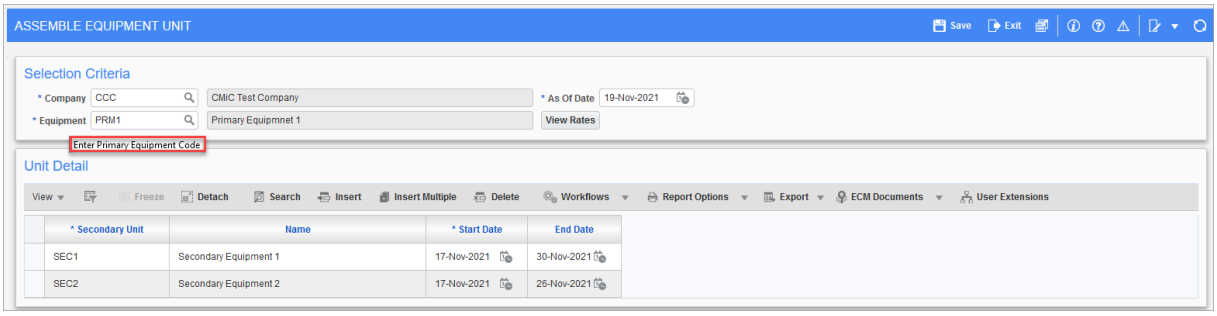
Equipment Costing > Setup > Assemble Equipment Unit



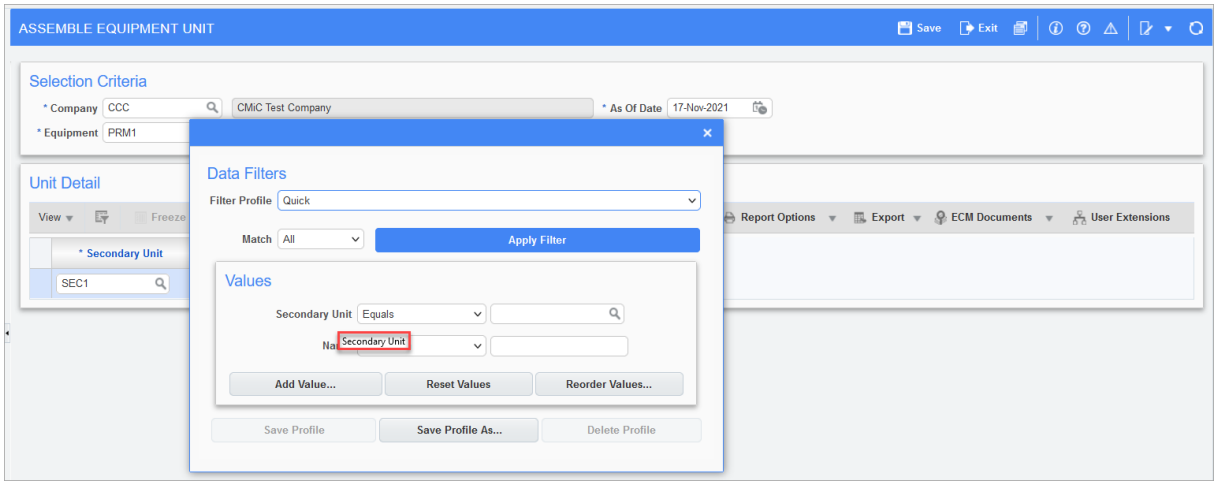
Equipment Costing > Setup > Assemble Equipment Unit – Tool tip



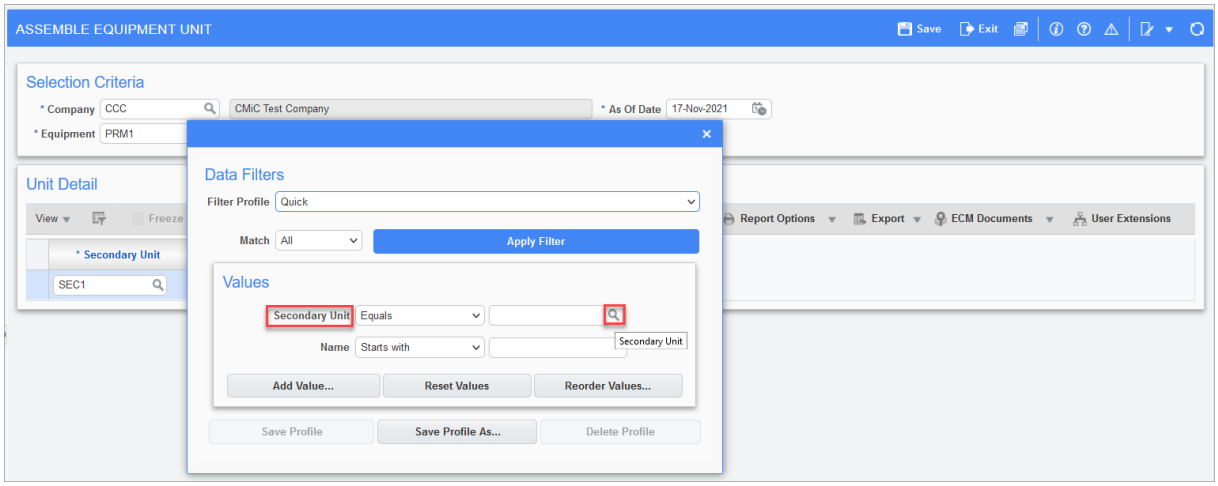
Equipment Costing > Setup > Assemble Equipment Unit – Tool tip



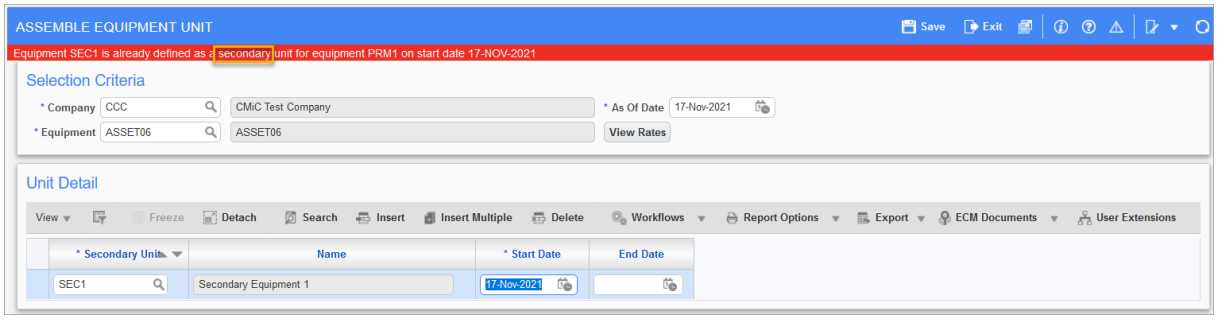
Equipment Costing > Setup > Assemble Equipment Unit – Tool tip



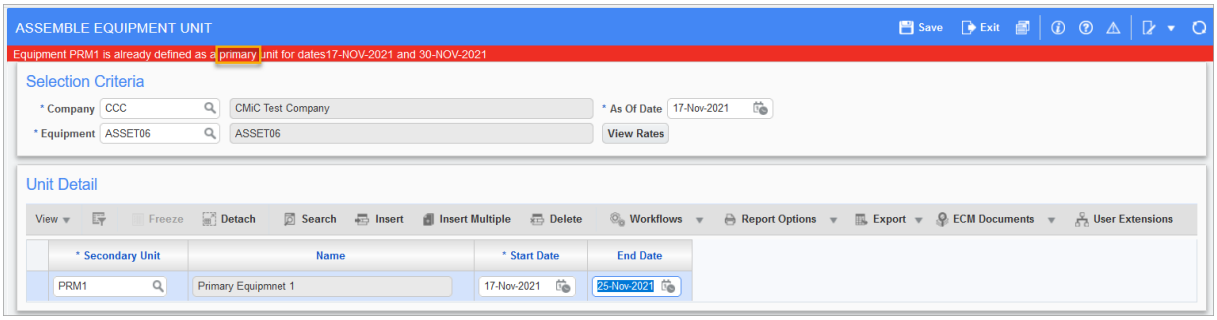
Equipment Costing > Setup > Assemble Equipment Unit – [Search]



Equipment Costing > Setup > Assemble Equipment Unit – [Search]

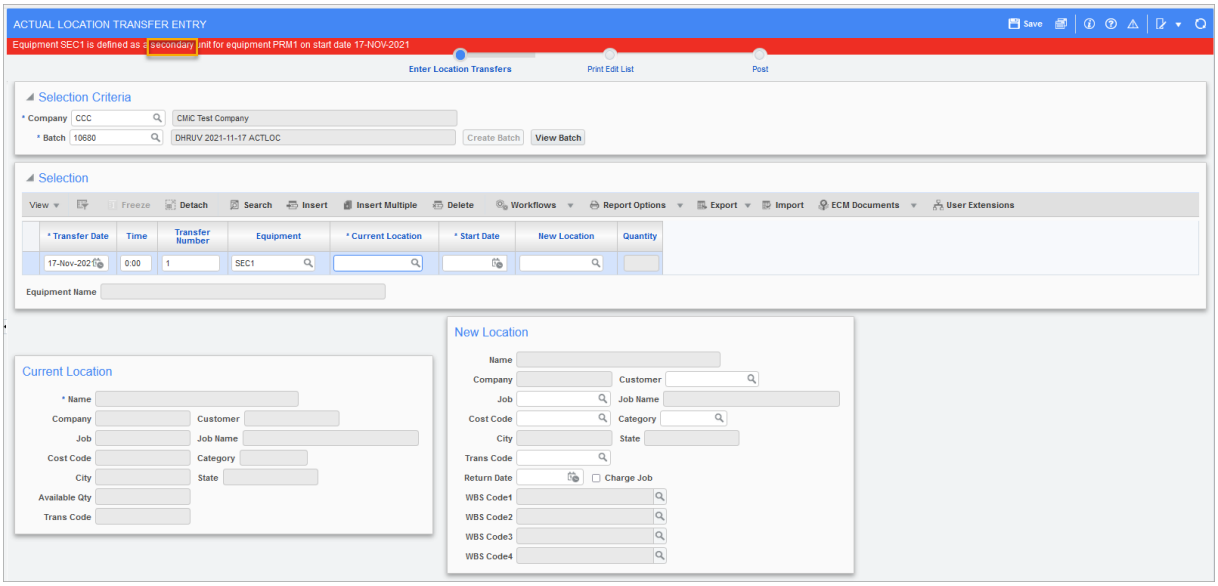


Equipment Costing > Setup > Assemble Equipment Unit – Validation

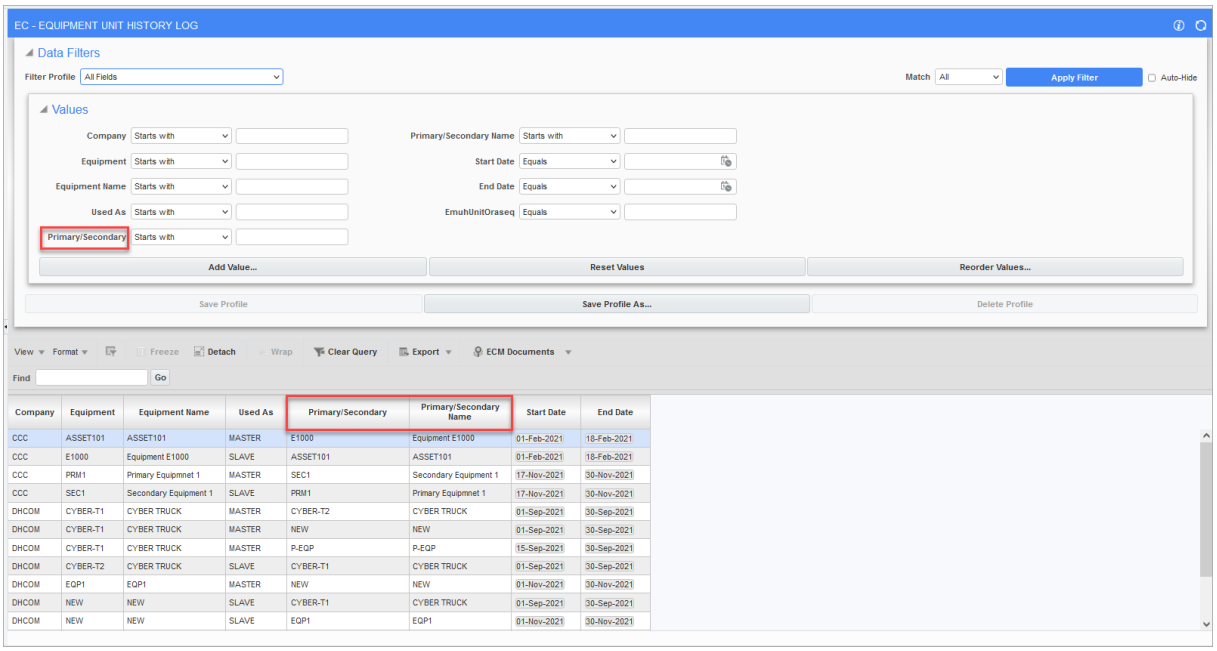


Equipment Costing > Setup > Assemble Equipment Unit – Validation

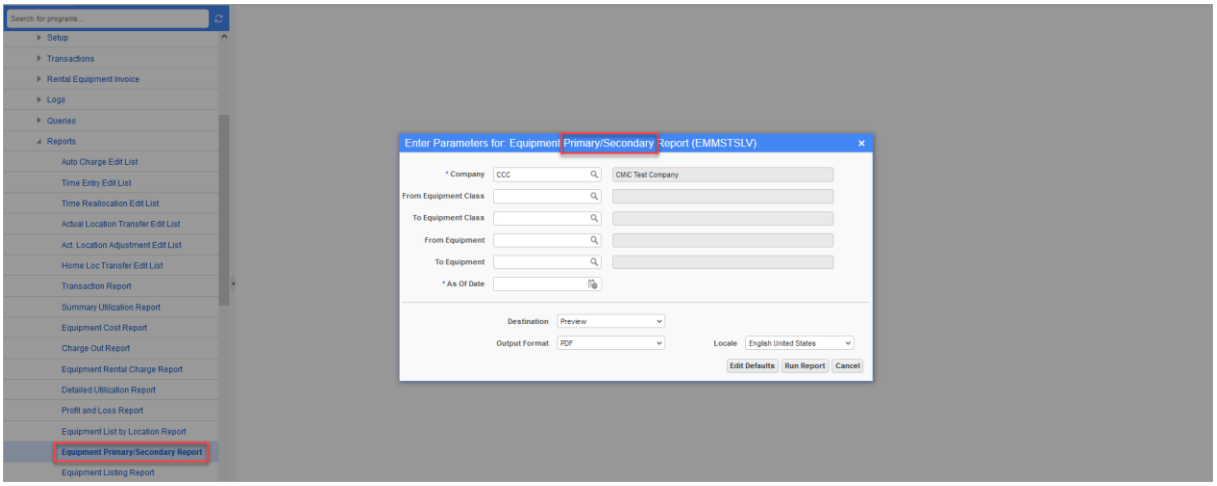
Actual Location Transfer Entry:



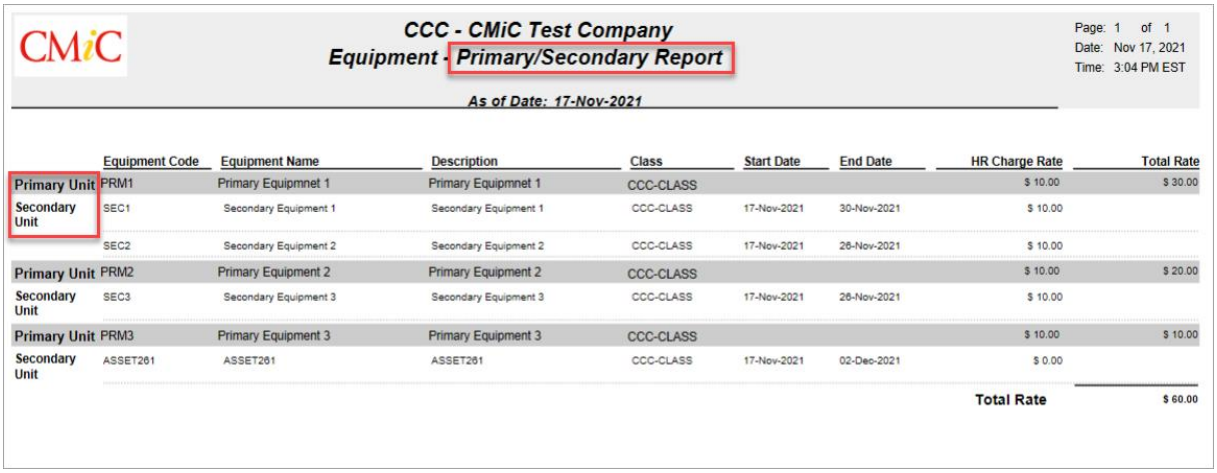
Equipment Costing > Transaction > Actual Location Transfer > Enter Transfer Transaction – Validation



Equipment Costing > Logs > Equipment Units History Log



Equipment Primary/Secondary Report



CCC - CMiC Test Company
Equipment - Primary/Secondary Report
As of Date: 17-Nov-2021

Page: 1 of 1
Date: Nov 17, 2021
Time: 3:04 PM EST

	Equipment Code	Equipment Name	Description	Class	Start Date	End Date	HR Charge Rate	Total Rate
Primary Unit	PRM1	Primary Equipmnet 1	Primary Equipmnet 1	CCC-CLASS			$ 10.00	$ 30.00
Secondary Unit	SEC1	Secondary Equipment 1	Secondary Equipment 1	CCC-CLASS	17-Nov-2021	30-Nov-2021	$ 10.00	
	SEC2	Secondary Equipment 2	Secondary Equipment 2	CCC-CLASS	17-Nov-2021	26-Nov-2021	$ 10.00	
Primary Unit	PRM2	Primary Equipment 2	Primary Equipment 2	CCC-CLASS			$ 10.00	$ 20.00
Secondary Unit	SEC3	Secondary Equipment 3	Secondary Equipment 3	CCC-CLASS	17-Nov-2021	26-Nov-2021	$ 10.00	
Primary Unit	PRM3	Primary Equipment 3	Primary Equipment 3	CCC-CLASS			$ 10.00	$ 10.00
Secondary Unit	ASSET261	ASSET261	ASSET261	CCC-CLASS	17-Nov-2021	02-Dec-2021	$ 0.00	
						Total Rate		$ 60.00

Equipment Primary/Secondary Report

Purge Non-Chargeable Auto Charge Transactions (21.43479)

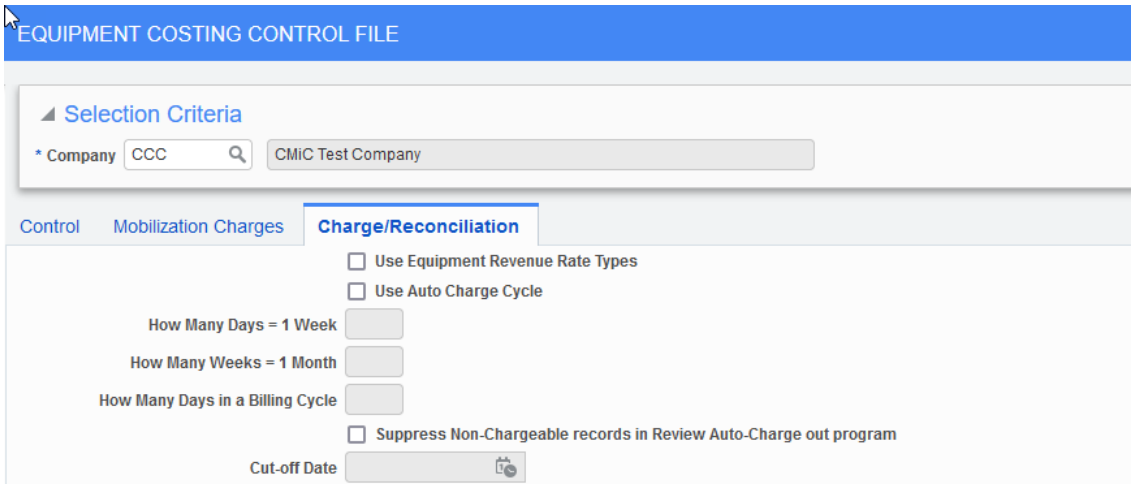
Overview

New fields have been introduced in EC control file to purge non-chargeable equipment list. They are hidden by default and user must use lite editor to make them visible.

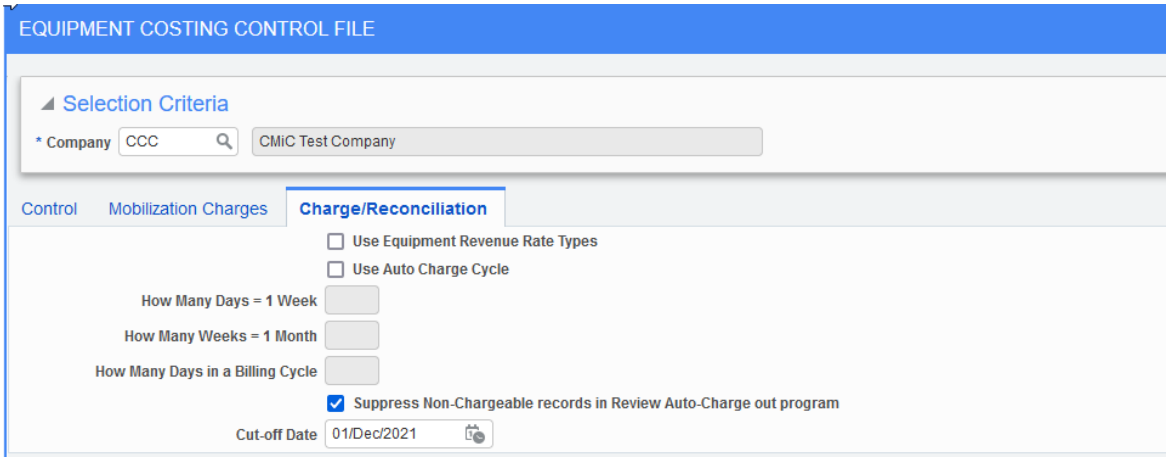
Suppress Non-Chargeable records in Review Auto-Charge out program: Flag is un-checked (N) by default. If the flag is checked, Cut-off date field will be enabled. Once checked, user must specify the cut-off date to filter the non-chargeable equipment list in auto-charge out program.

Cut-off Date: This field is only enabled when 'Suppress Non-Chargeable records in Review Auto-Charge out program' flag is checked.

While processing auto-charge out, non-chargeable equipment whose location transfer date is less than the cut-off date will not be generated and hence not displayed in the non-Chargeable section in Review auto-charge out program.



Equipment Costing > Setup > Local Tables > Control File > Charge/Reconciliation tab



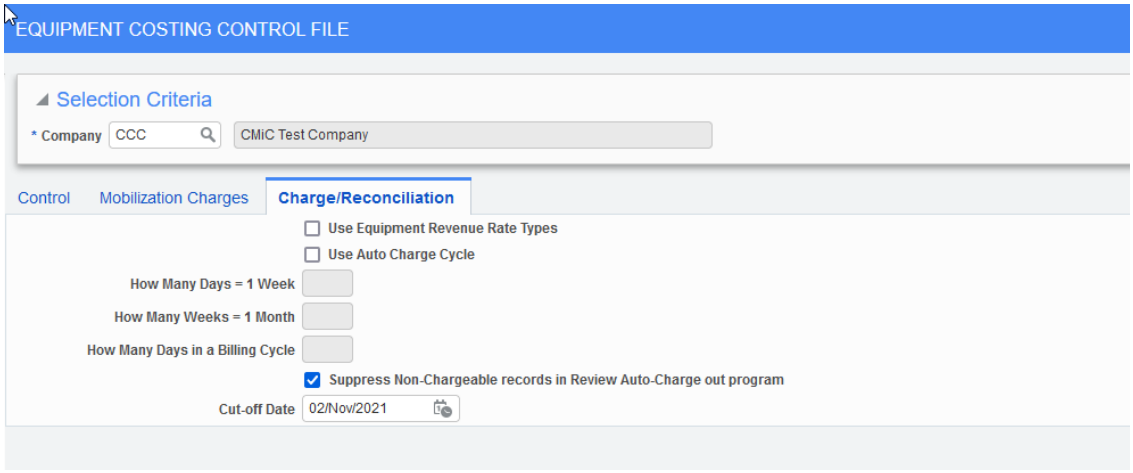
Equipment Costing > Setup > Local Tables > Control File > Charge/Reconciliation tab

Modifications

The following screen i.e EC control file is modified.

When **Suppress Non-Chargeable records in Review Auto-Charge out program** flag is checked, **cut-off date** field is enabled.

User must specify cut-off date if the field is enabled.



Equipment Costing > Setup > Local Tables > Control File > Charge/Reconciliation tab

Implementation

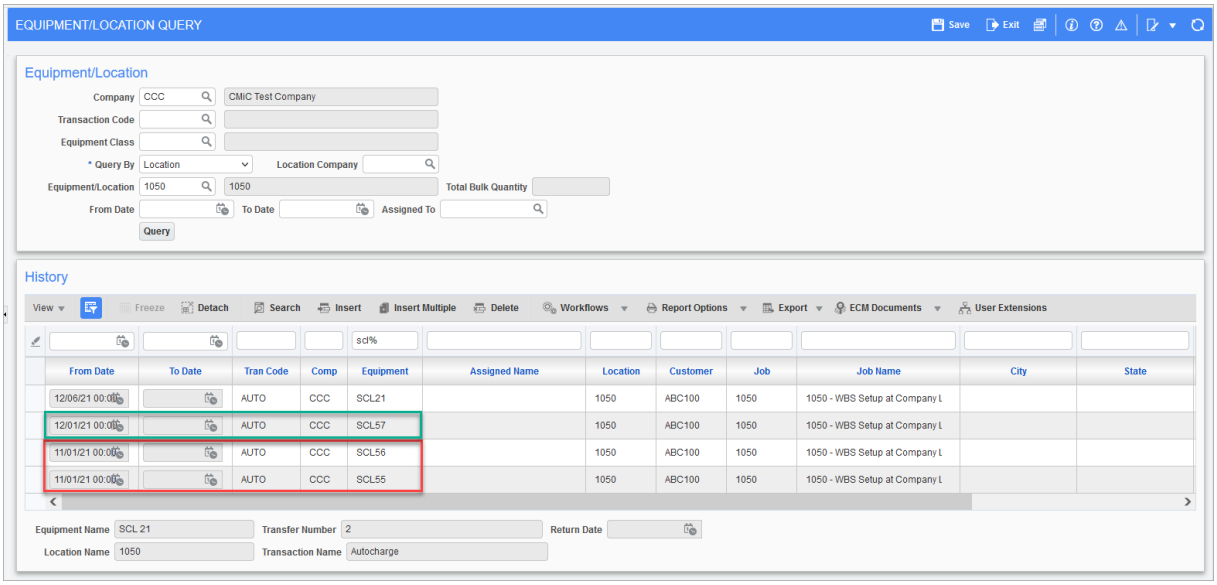
Equipment: SCL55, SCL56 & SCL57.

Transfer Date to job location 1050.

SCL55: 1st Nov 2021

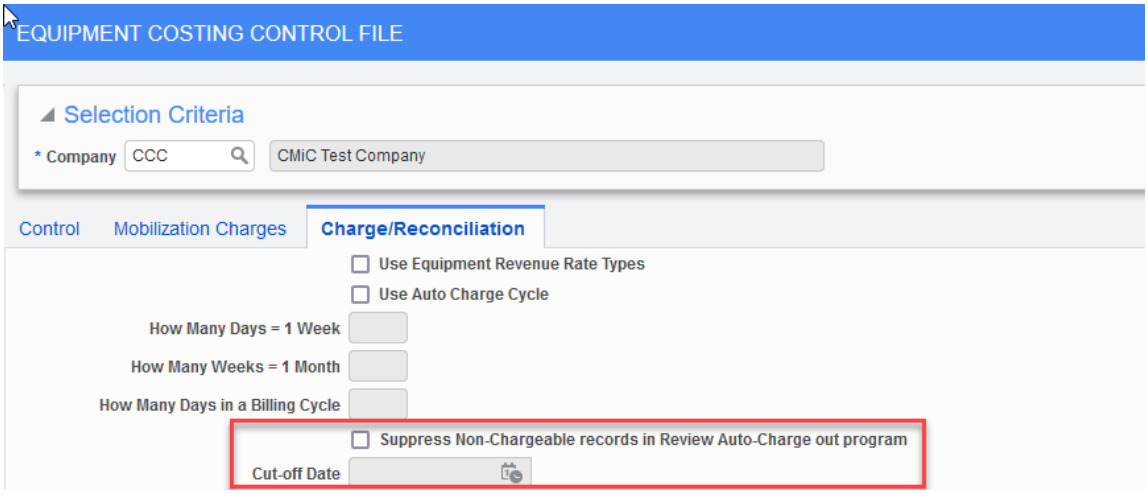
SCL56: 1st Nov 2021

SCL57: 1st Dec 2021



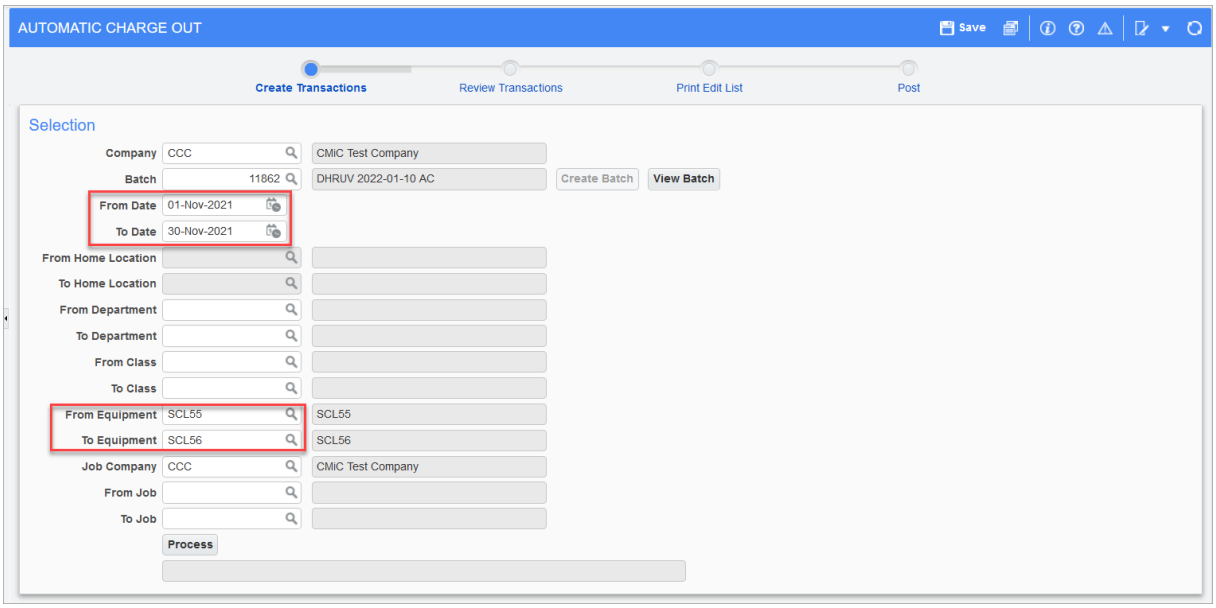
Equipment Costing > Queries > Equipment/Location Query

EC Control file: Suppress Non-Chargeable records in Review Auto-Charge out program field is not checked. Non-chargeable equipment will not be purged in this case.



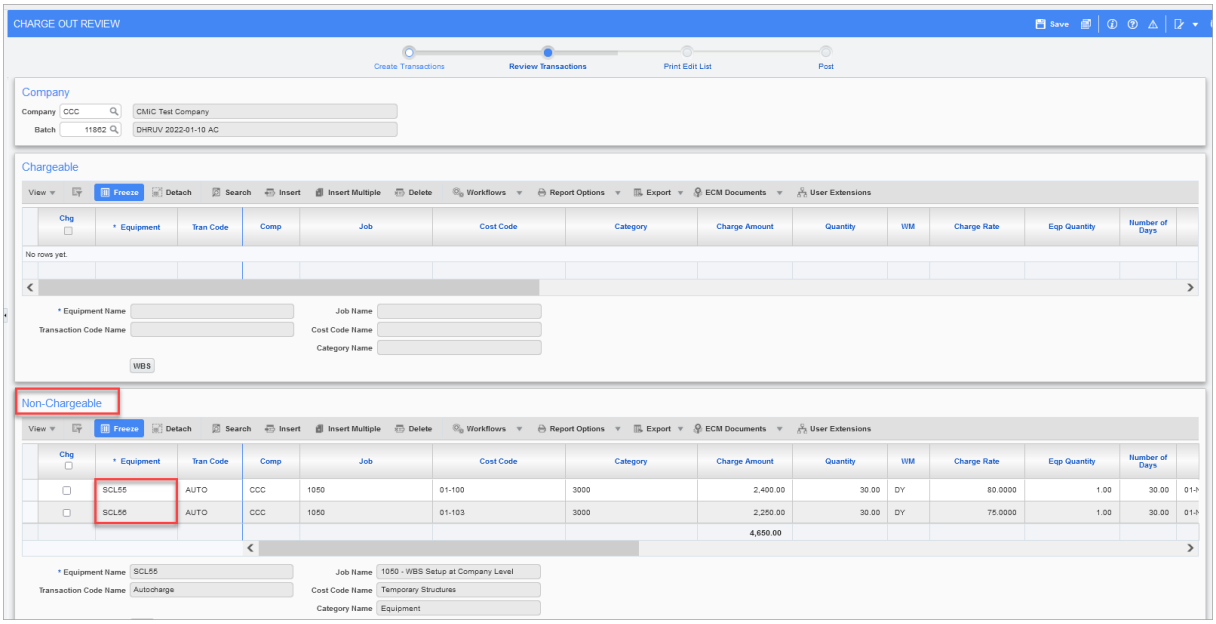
Equipment Costing > Setup > Local Tables > Control File > Charge/Reconciliation tab

Auto-charge out is carried from 1st Nov 2021 to 30th Nov 2021.



Equipment Costing > Transactions > Automatic Charge-outs

Auto-charge out is processed successfully, SCL55 and SCL56 equipment has non-chargeable transactions as shown in the screenshot below.

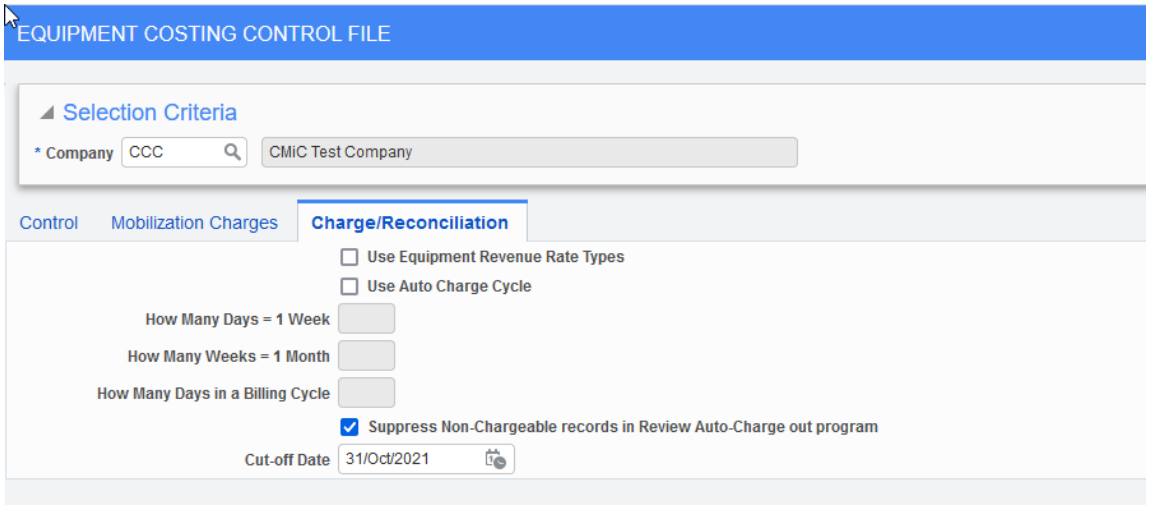


Equipment Costing > Transactions > Automatic Charge-outs – Review Transactions

Case 1:

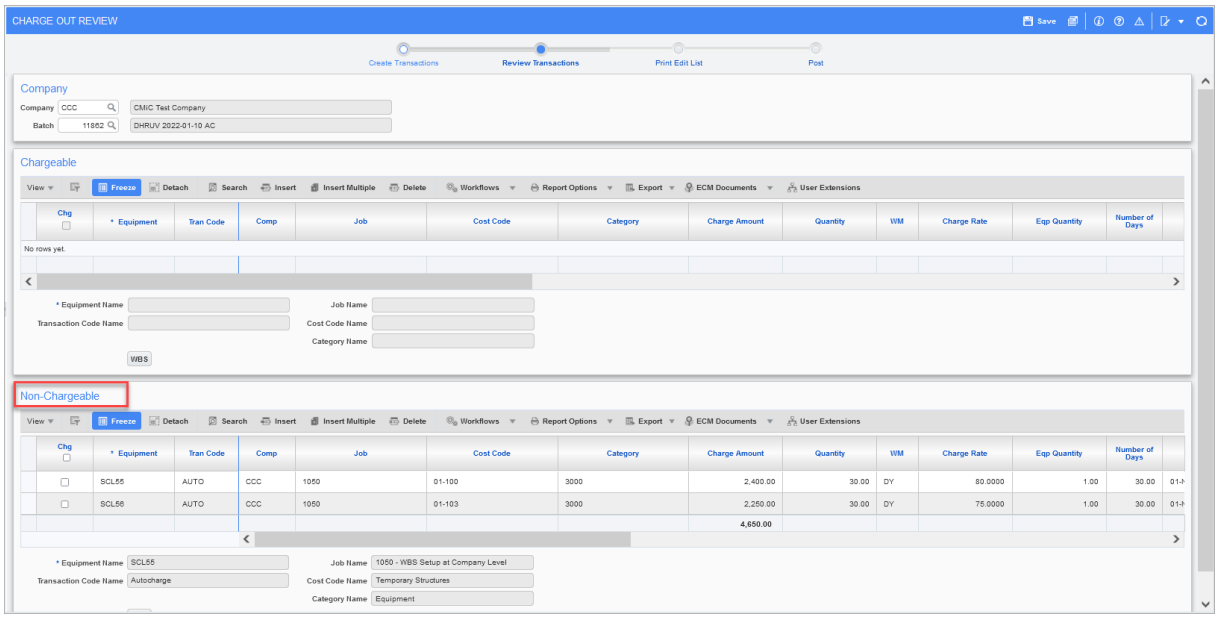
Suppress Non-Chargeable records in Review Auto-Charge out program: Checked (Y)

Cut-off Date: 31st Oct 2021



Equipment Costing > Setup > Local Tables > Control File > Charge/Reconciliation tab

Since the equipment transfer date is greater than the cut-off date, non-chargeable equipment list will be shown in auto-charge out review program.



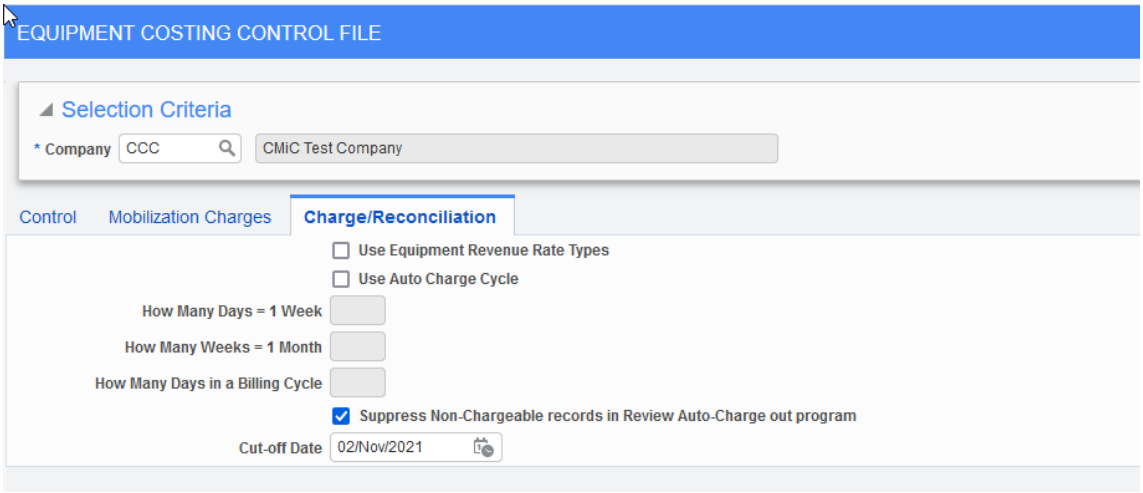
Equipment Costing > Transactions > Automatic Charge-outs – Review Transactions

Case 2:

Suppress Non-Chargeable records in Review Auto-Charge out program: Checked (Y)

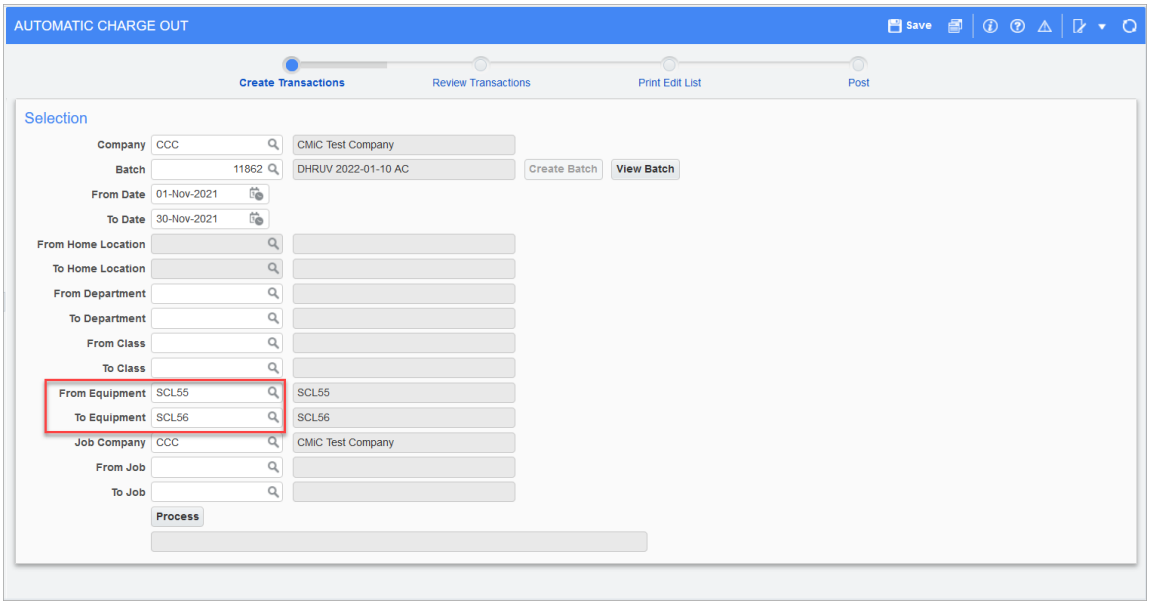
Cut-off Date: 2nd Nov 2021

The cut-off date is greater than the equipment transfer date, in this is case non-chargeable equipment list will be purged. Since the auto-charge out is processed for SCL55 and SCL56, no transactions will be created in this case.



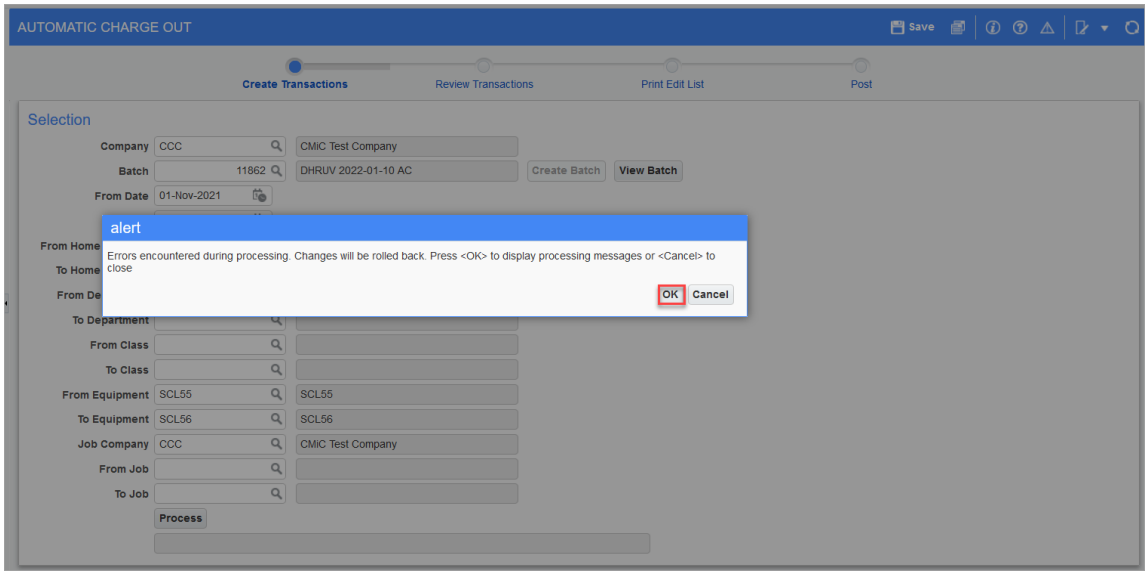
Equipment Costing > Setup > Local Tables > Control File > Charge/Reconciliation tab

SCL55 an SCL56 equipment transactions will not be created.

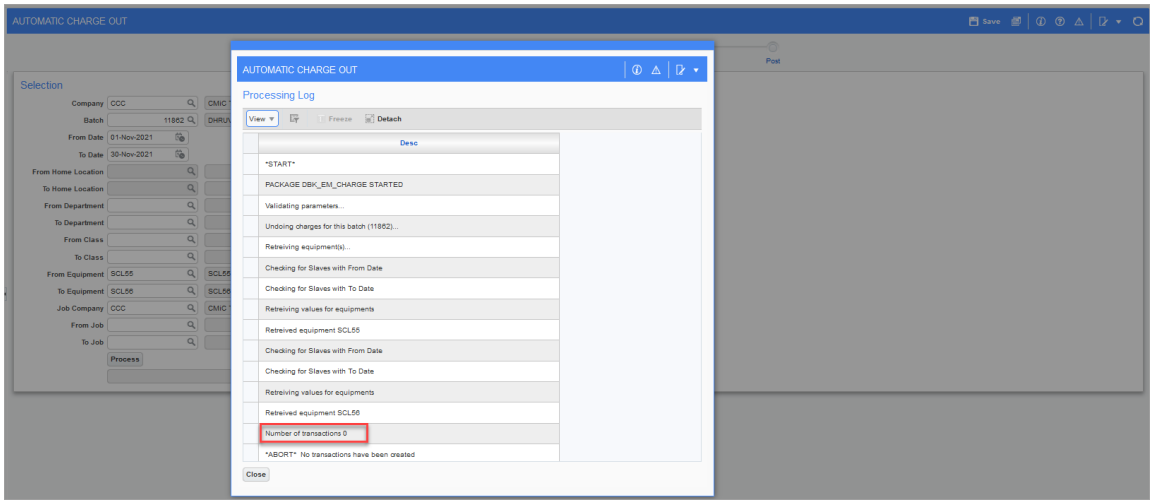


Equipment Costing > Transactions > Automatic Charge-outs

Alert message is displayed since no transaction are created in this case of auto-charge out process.



Equipment Costing > Transactions > Automatic Charge-outs – Alert message



Equipment Costing > Transactions > Automatic Charge-outs – Processing Log

Case 3:

Suppress Non-Chargeable records in Review Auto-Charge out program: Checked (Y)

Cut-off Date: 2nd Nov 2021

Equipment used in auto-charge out process:

SCL55: Transfer Date 1st Nov 2021

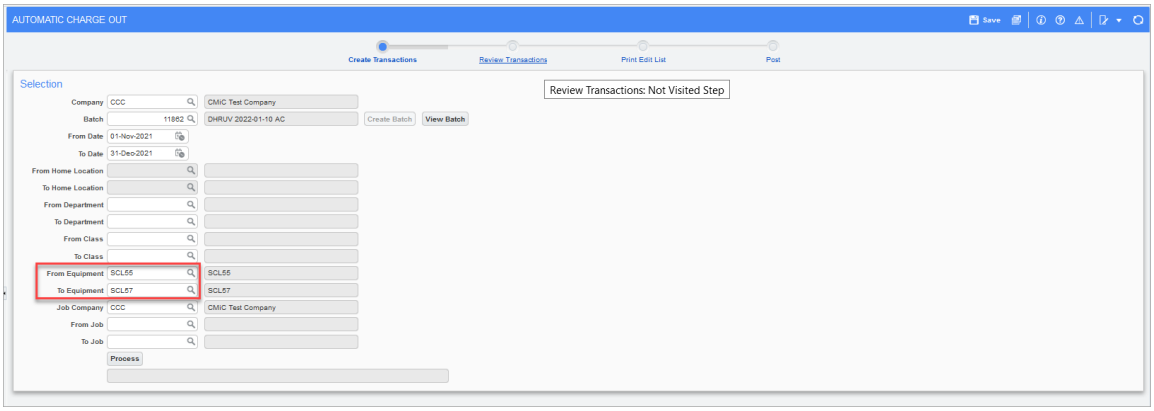
SCL56: Transfer Date 1st Nov 2021

SCL57: Transfer Date 1st Dec 2021

Here, SCL57 equipment is non-chargeable but will be processed in the auto-charge out program as its transfer date is greater than the cut-off date.

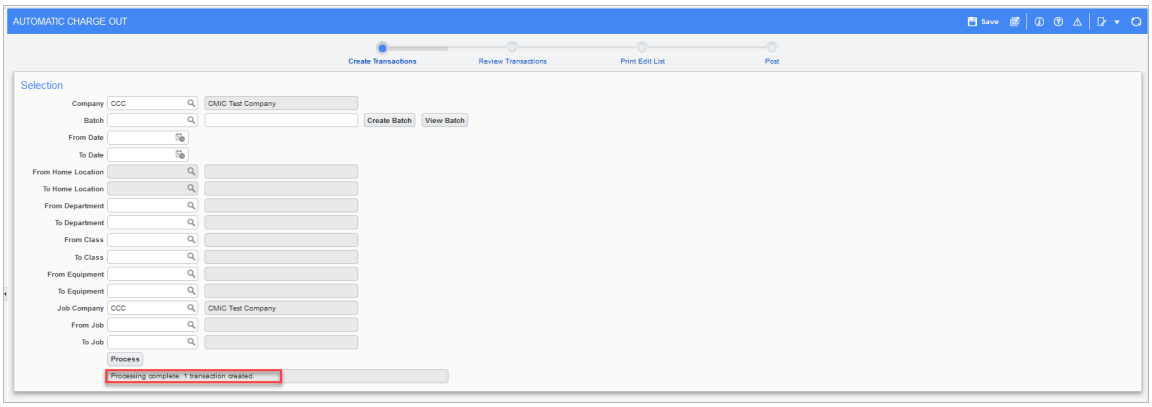
From Equipment: SCL55

To Equipment: SCL57



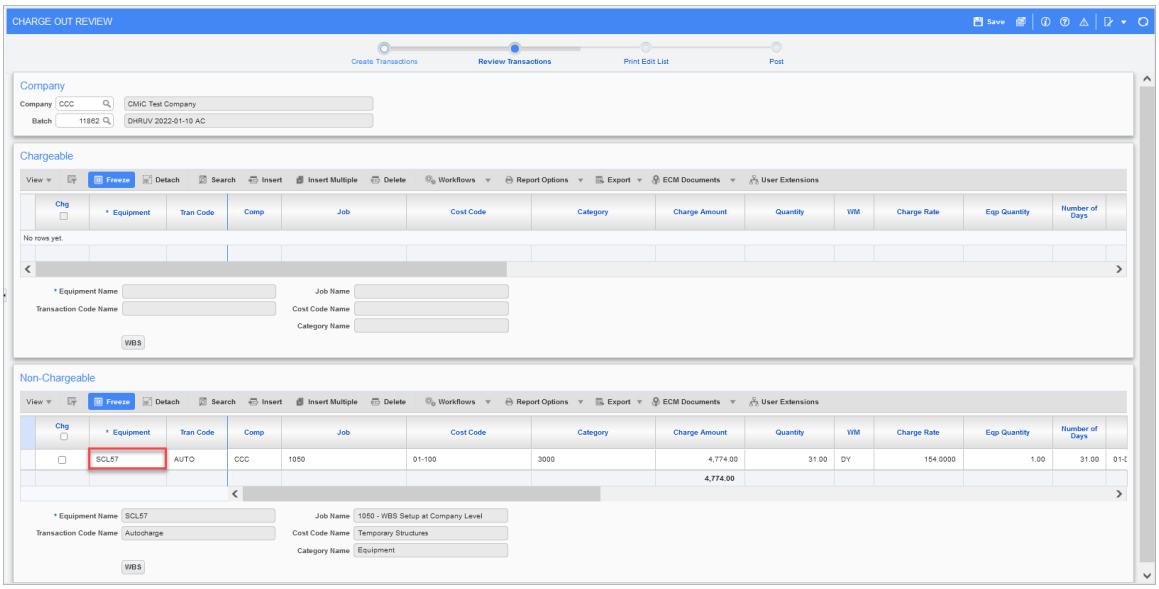
Equipment Costing > Transactions > Automatic Charge-outs

Processing completed successfully and 1 transaction is created.



Equipment Costing > Transactions > Automatic Charge-outs

SCL57 equipment is processed for auto-charge out program. SCL55 and SCL56 are non-chargeable equipment, which are purged in the review transaction program as the cut-off date is greater than the equipment transfer date.



Equipment Costing > Transactions > Automatic Charge-outs – Review Transactions

Estimate Management

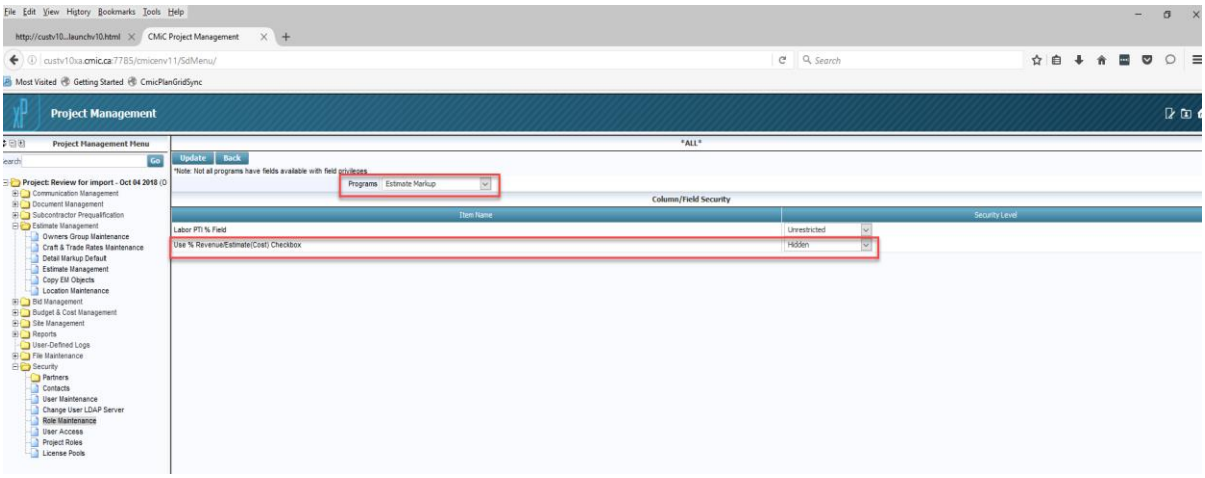
Estimating Markup Enhancements (18.56073)

The following enhancements have been made for Markups for Cost/Revenue:

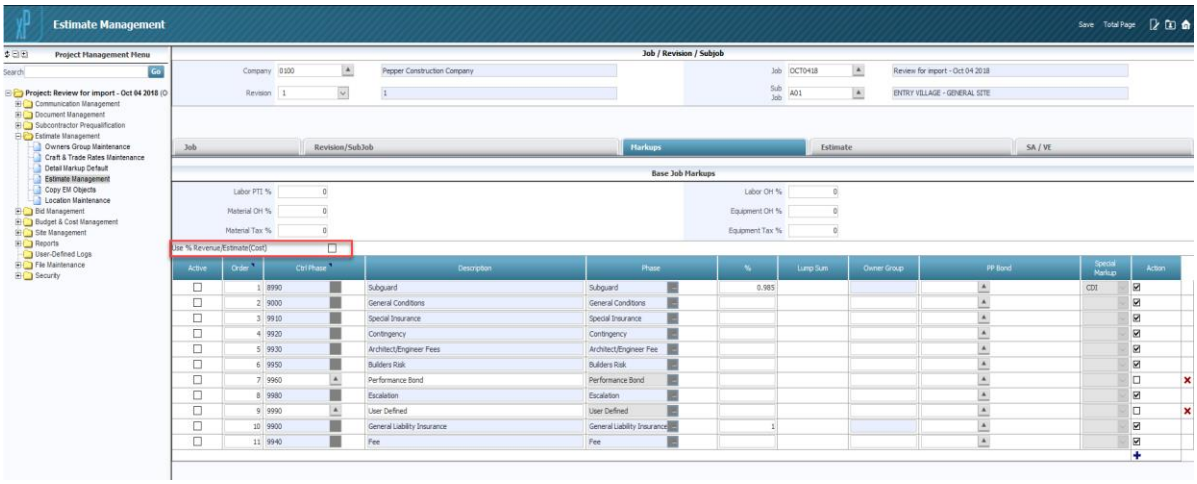
1. A new checkbox has been added in the Base Job Markups screen:

   "Use % Revenue/ Estimate (Cost)"

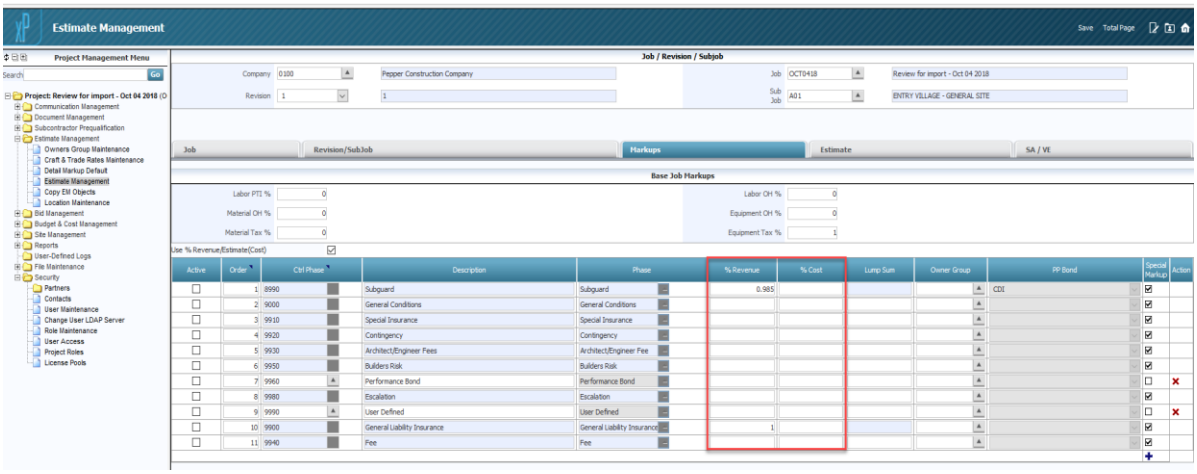
   Field security can be applied to the checkbox. The default value is set as HIDDEN on the ***ALL*** security role. Possible values are: Unrestricted, Read-only, Hidden:



2. When the field security is set as Unrestricted or Read-only, the checkbox is visible on the Markups screen:



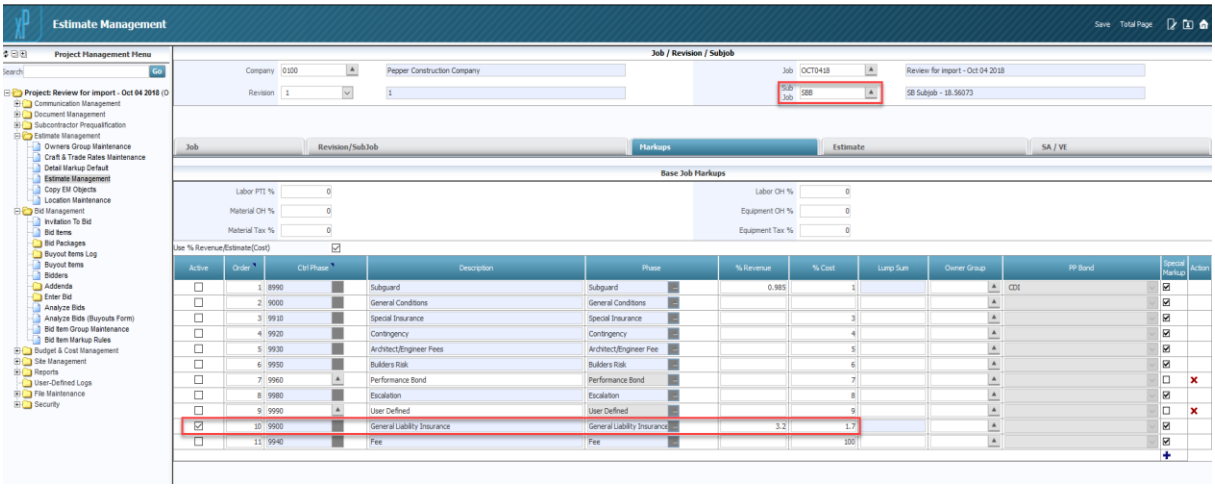
3. When the checkbox is checked the **%Cost** column is added to the Markups screen, and the original % column is further distinguished as **%Revenue**:

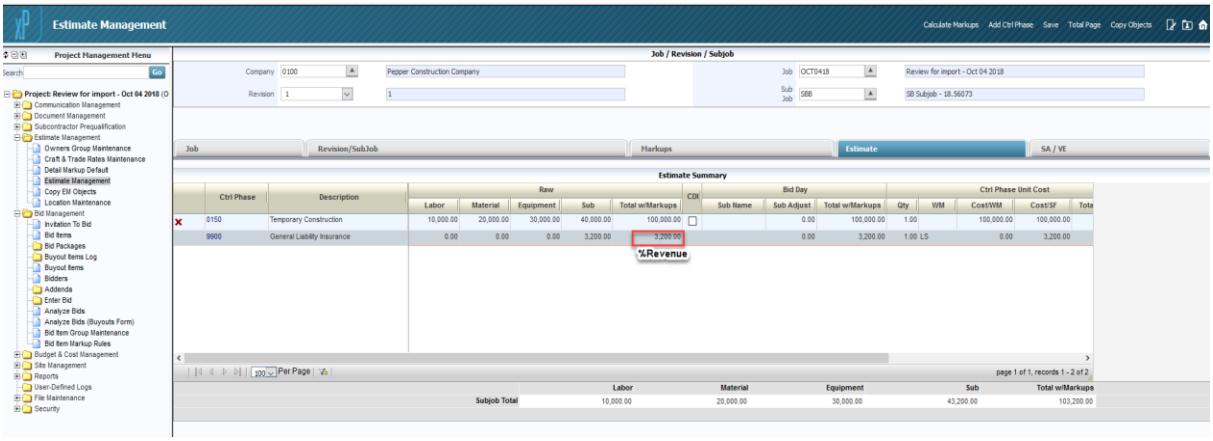


Only Markup lines which are set as 'Active' are included in the markup calculations. If a figure is included in the **%Cost** column, and the markup is active, the markup is applied to **Estimate Amount** when the sub-job is **released**, and the resulting bid item is created for the markup.

The %Revenue is calculated as before and updates the Revenue Amount column of the bid item created when the sub-job is released.

Example

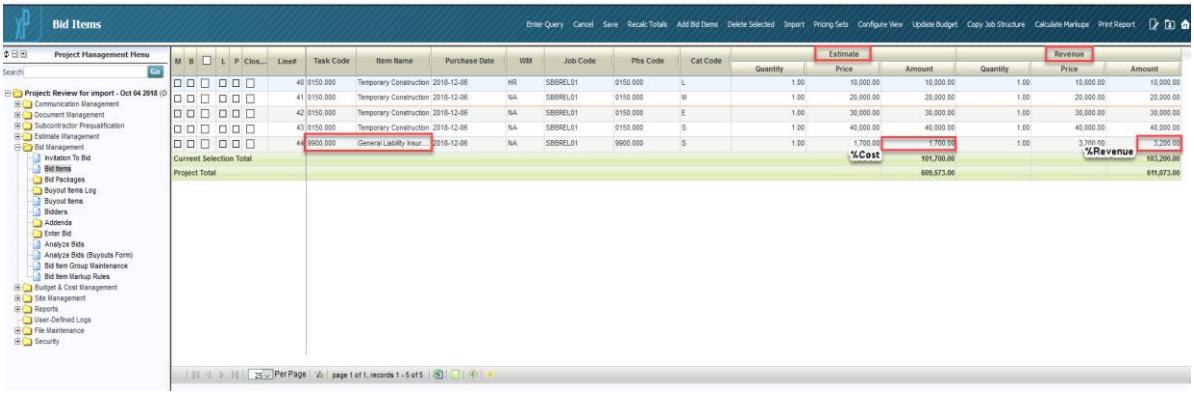




%Revenue = 3.2% X 100000 = 3200 (Revenue)

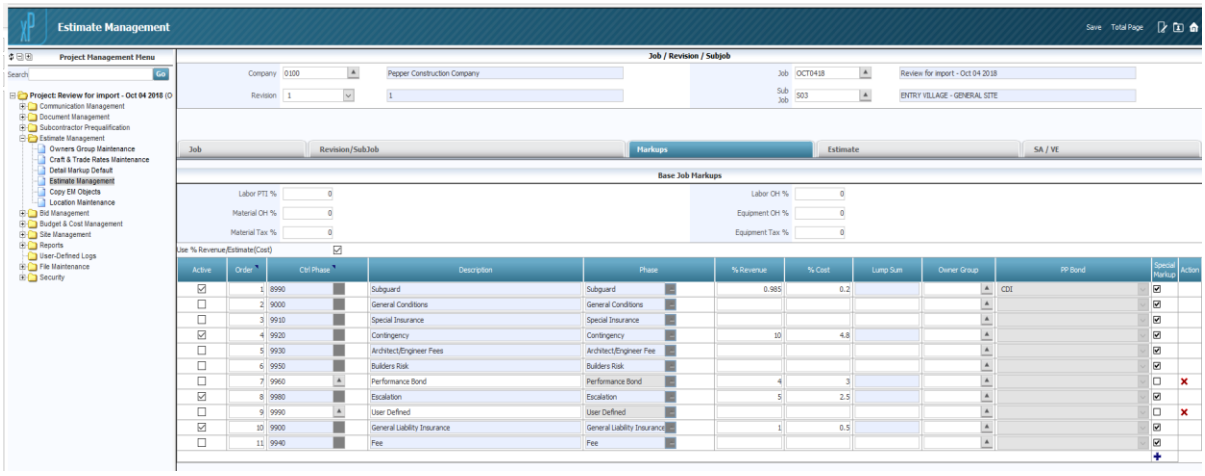
%Cost = 1.7% X 100000 = 1700 (Estimate)

When the sub-job is released, the Bid Items screen shows:

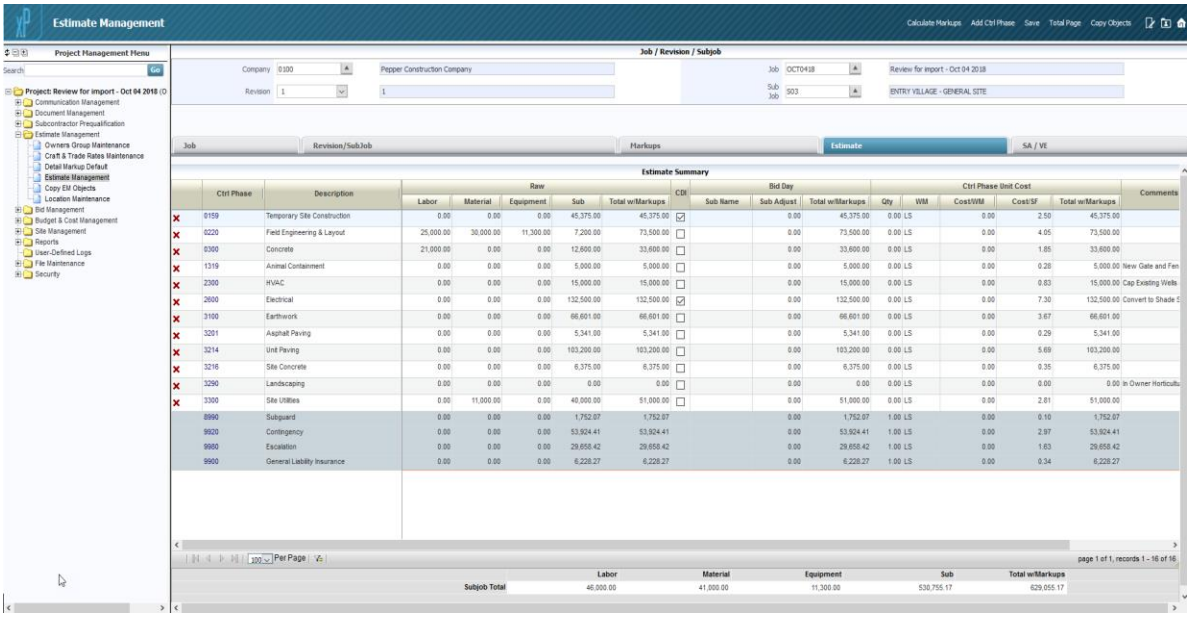


Example 2

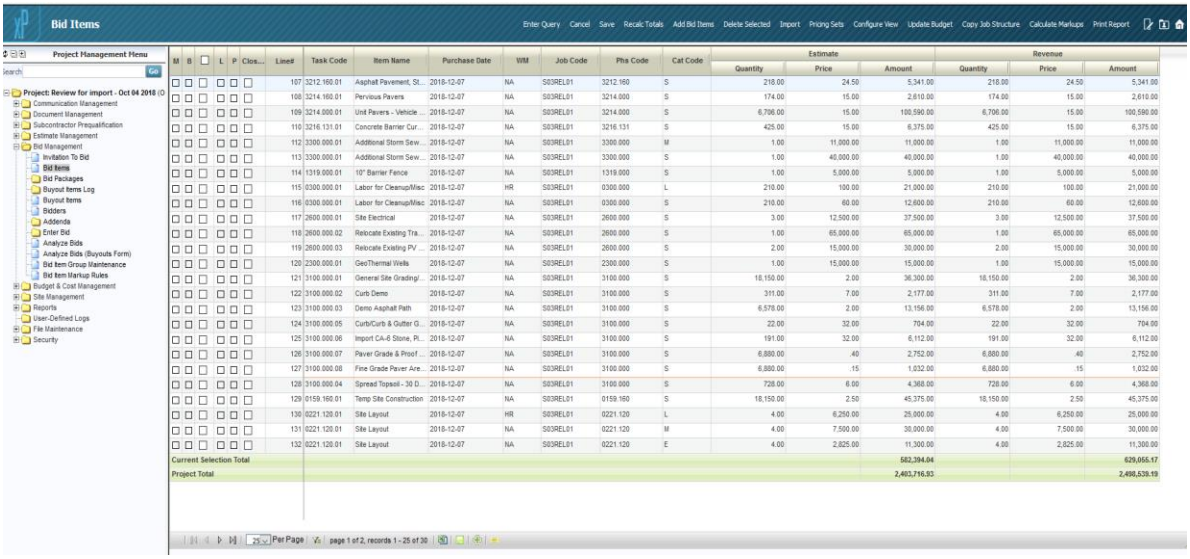
Markups



Estimate Summary



Bid Items after sub-job released



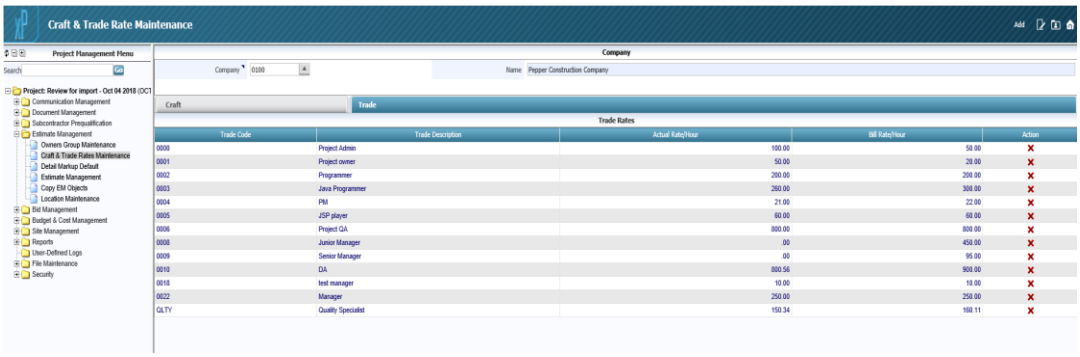
Rates by Phases for Cost and Billing (18.59602)

Added new functionality where users can define separate rates by phases for cost and for billing in Estimate Management.

The changes of the enhancements include the following:

1. Enhanced the Craft Rate Maintenance screen to be named “Craft & Trade Rates Maintenance” since it now includes a tab for “Trade”:

   Use this screen to create and maintain Trade Rates.

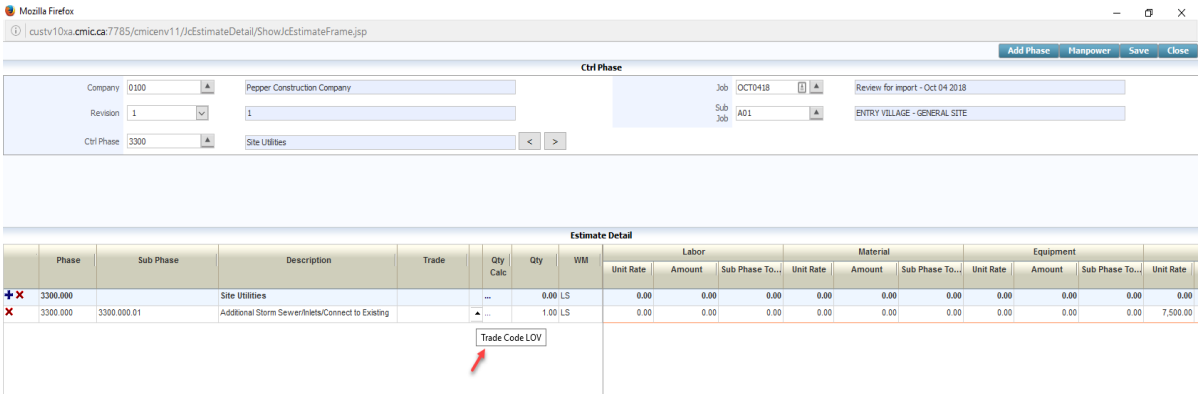


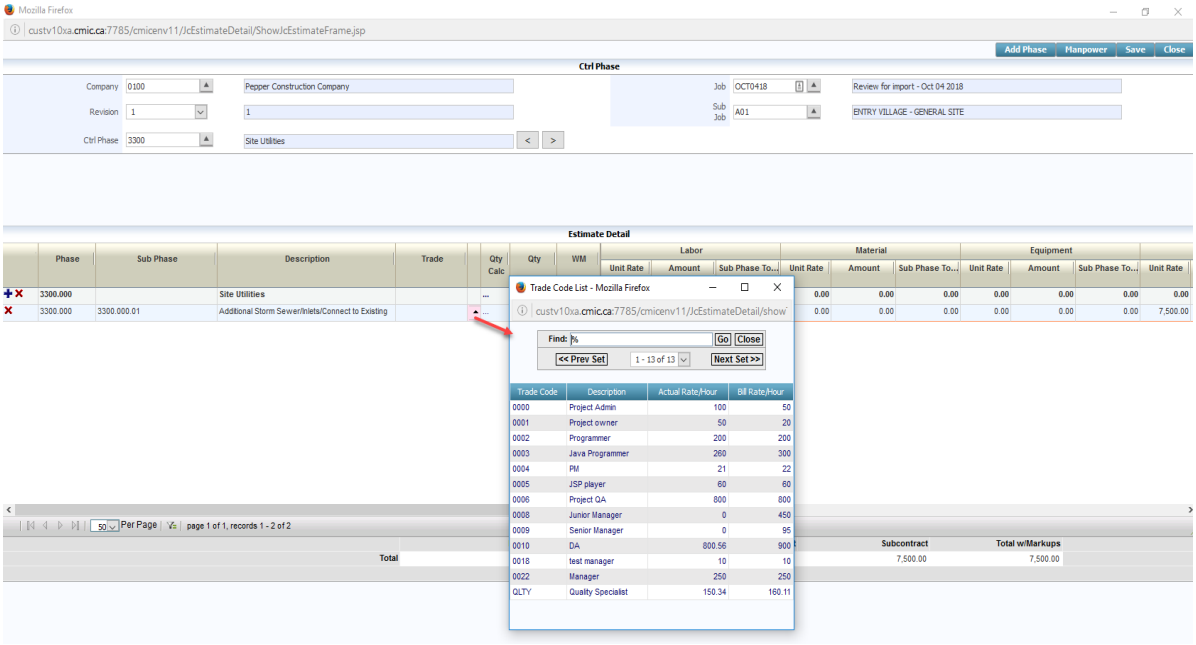
   The Trade Code, Description, Actual Rate/Hour and Bill Rate/Hour are fields to maintain. Trade Code and Trade Description are mandatory.

If the user tries to delete a Trade Code in the Trade Code Maintenance screen and it is being used in Estimate Detail, a message will be displayed (after a confirmation to delete the record):

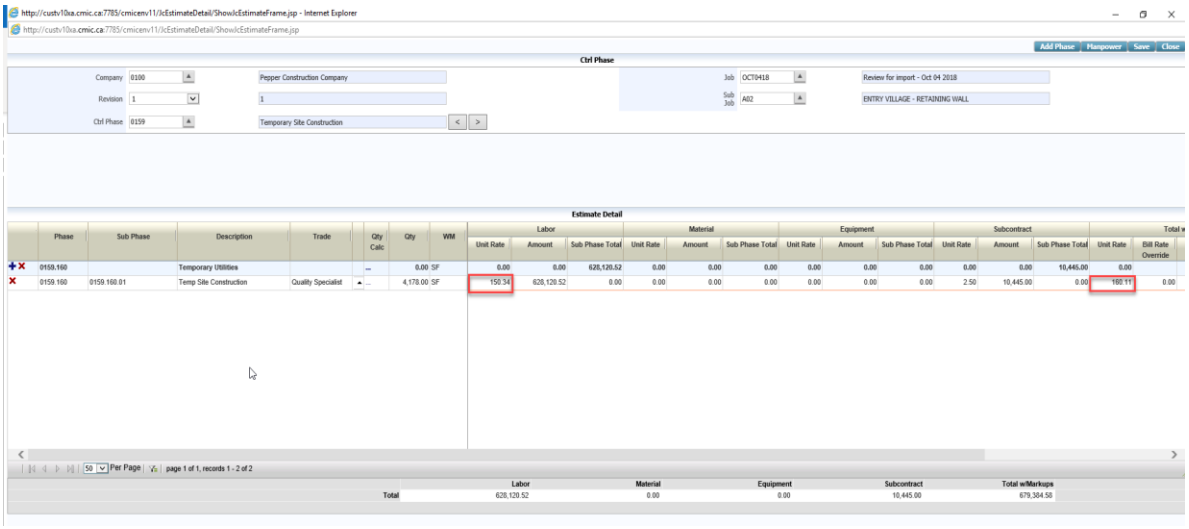
2. Estimate Detail

Addition of a Trade Code LOV displaying entries from the Trade Code Maintenance:

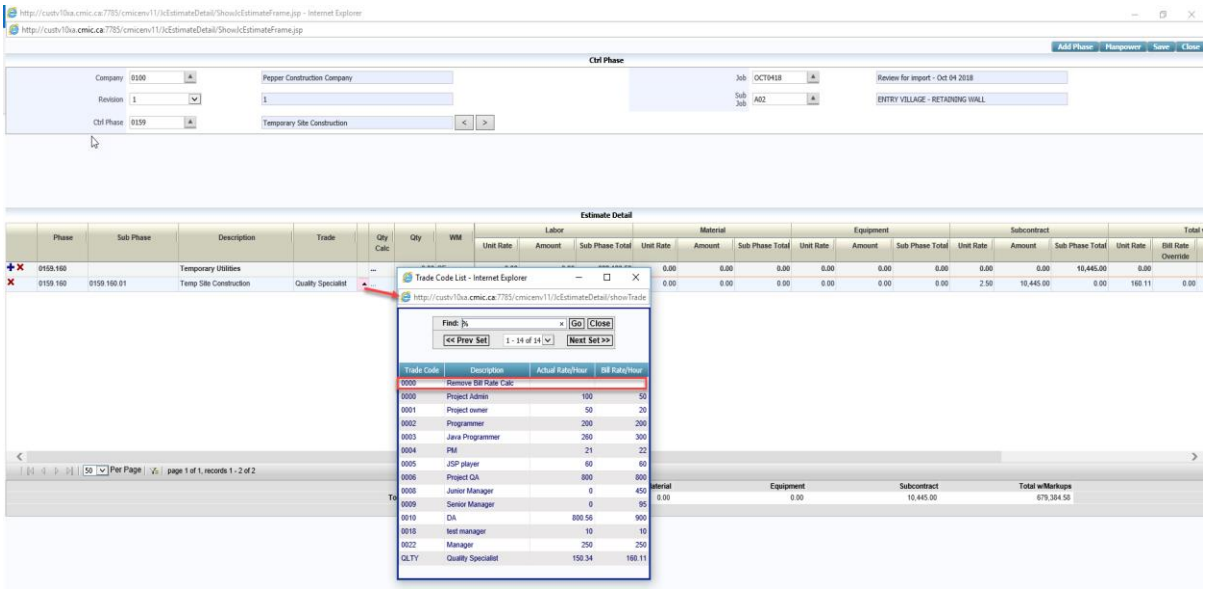




Once the Trade is selected, the rates are pulled in where appropriate, and the calculations adjusted accordingly.



To remove a Trade Code without deleting the Estimate Detail Line, select the Trade Code with Description “Remove Bill Rate Calc” :



Fixed Assets

Modification in Depreciation Calculation Using Straight Line Method Only (19.88769)

To modify the depreciation calculation, if an asset is activated on any date other than first day of the month. This modification is requested when using Straight Line method only.

Modifications:

Straight Line method will be using a proportional calculation, if an asset is activated on any date, other than the first day of the month. Proportional calculation will be based on number of days an asset was active in the initial month.

The new proportional calculation ratio is as follows:

(Number of Depreciable days / Number of days in initial month) * Monthly Depreciation amount

Ex: An asset activated on 16th day of January: (16/31) * 10,000.00 = 5,161.29

Insurance, license and interest amounts will also be using proportional calculation based on the activation days and number of days in the initial month.

Posting of the Difference of depreciation Amounts:

Since this modification potentially reduces the depreciation amount for the initial month, the difference or remaining amount will be posted in the month after the last month as per the expected life of asset ends.

Ex: The difference Amount due to reduced initial depreciation = 10,000 – 5,161.29 = 4,838.71

This will be posted after the last month as per expected life.

Example:

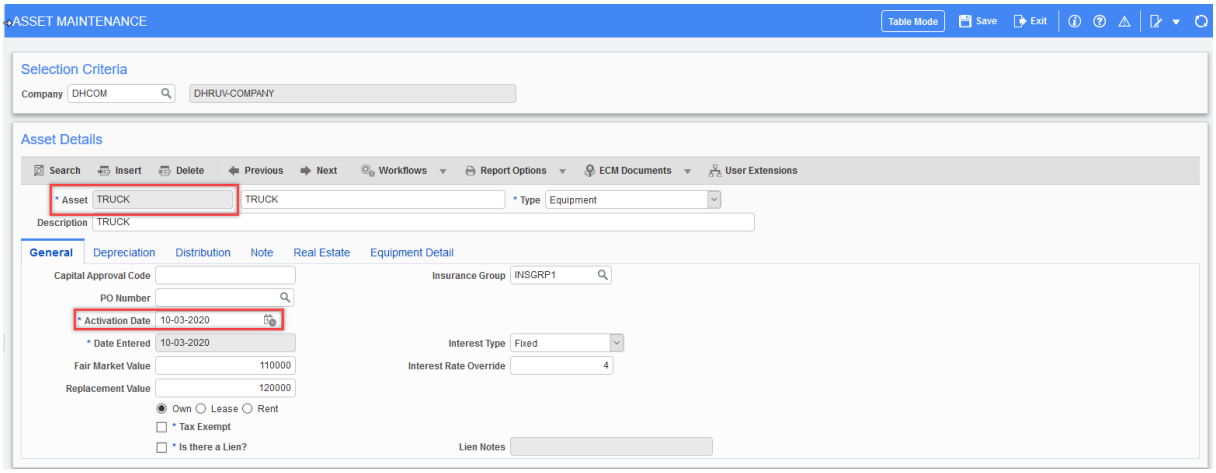
ASSET: TRUCK
Activation Date: 10th March 2020
Number of days in initial month: 31
Monthly depreciation: 7500
Depreciable days in initial month: 22

Depreciation in initial month: [(22 / 31) * 7500] = 5322.58

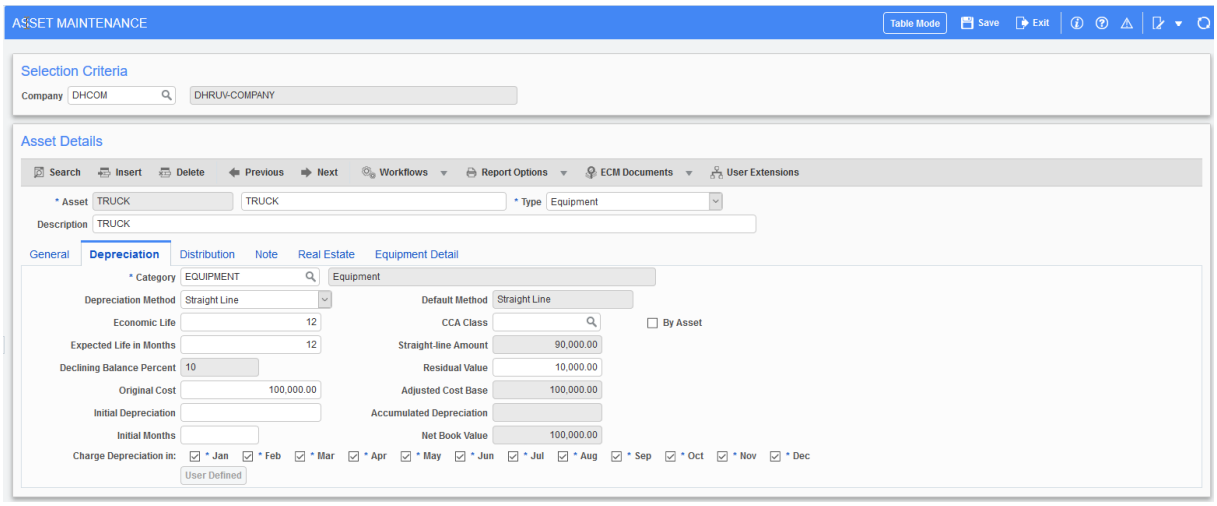
Interest monthly: 333.33
Interest in initial month: [(22/31) * 333.33] = 236.559

License monthly: 16.67
License in initial month: [(22/31) * 16.67] = 11.83

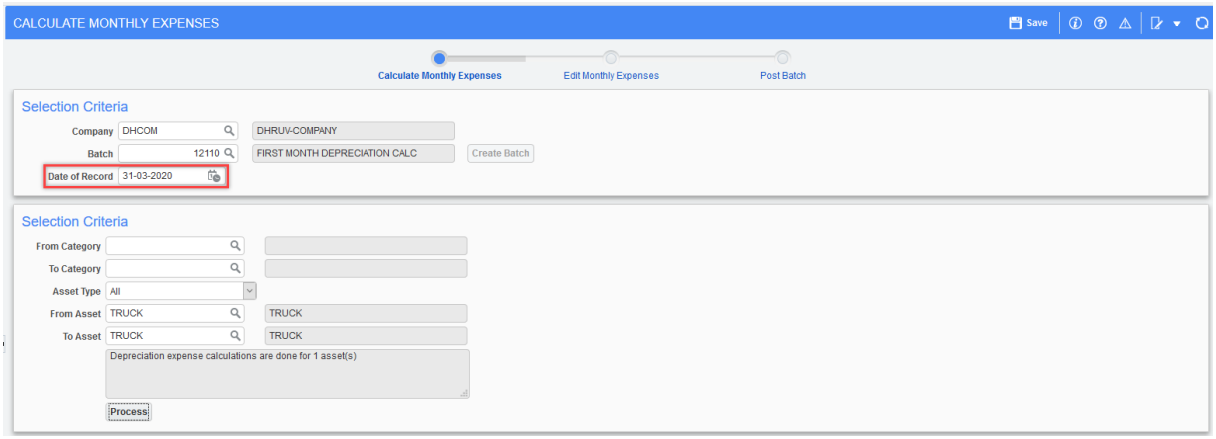
Monthly Insurance: 320.83
Insurance in initial month: [(22/31) * 320.83] = 227.69



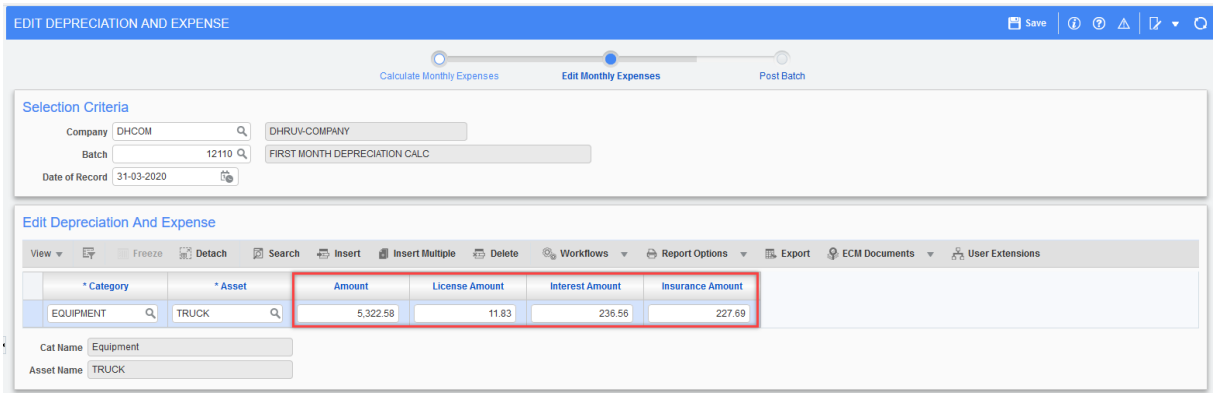
Asset Management > Fixed Assets >Enter Asset (Asset Maintenance)



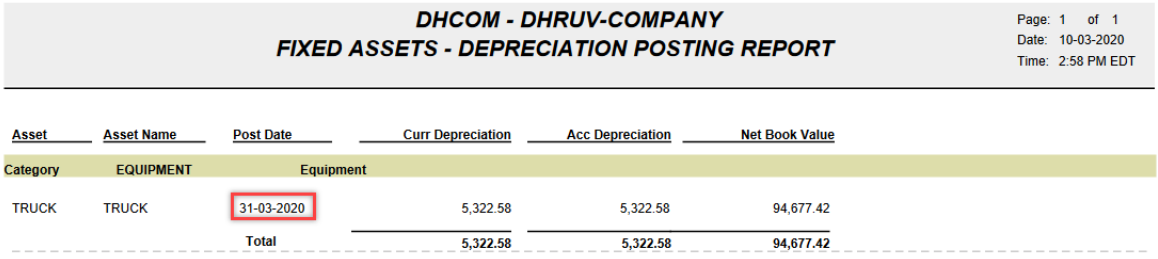
Asset Management > Fixed Assets >Enter Asset (Asset Maintenance) > Depreciation



Fixed Assets > Transaction > Calculate Monthly Expense



Fixed Assets > Transaction > Calculate Monthly Expense – Edit Monthly Expense



DHCOM - DHRUV-COMPANY
FIXED ASSETS - DEPRECIATION POSTING REPORT

Page: 1 of 1
Date: 10-03-2020
Time: 2:58 PM EDT

Asset	Asset Name	Post Date	Curr Depreciation	Acc Depreciation	Net Book Value
Category	EQUIPMENT	Equipment			
TRUCK	TRUCK	31-03-2020	5,322.58	5,322.58	94,677.42
		Total	5,322.58	5,322.58	94,677.42

Depreciation Posting Report (31-02-2020)

As the asset was not activated on 1st of the month, it will calculate proportional charges for the first month and the remaining amount will be posted in subsequent month when the expected life of asset ends.

Last posting for asset ‘TRUCK’ would be as follow:

Remaining amount: 7500 – 5322.58 = 2177.42

DHCOM - DHRUV-COMPANY
FIXED ASSETS - DEPRECIATION POSTING REPORT

Page: 1 of 1
Date: 10-03-2020
Time: 3:42 PM EDT

Asset	Asset Name	Post Date	Curr Depreciation	Acc Depreciation	Net Book Value
Category	**EQUIPMENT**	**Equipment**			
TRUCK	TRUCK	31-03-2021	2,177.42	90,000.00	10,000.00
		Total	**2,177.42**	**90,000.00**	**10,000.00**

Depreciation Posting Report (31-03-2021)

The asset was activated in March 2020, with an expected life of 12 months. The asset was fully depreciated in March 2021. The depreciation in March 2021 would be the remaining amount from the proportional calculation of 1st month.

Note: Proportional calculation will not apply to License, Interest and Insurance amount in the last month of depreciation. These amounts will be calculated fully.

ASSET TRANSACTION DETAIL QUERY — Save — Exit

Selection Criteria

* Company: DHCOM — DHRUV-COMPANY
* Asset: TRUCK — TRUCK
From: 01-03-2020 To: 01-04-2021 Query

Asset Transactions

View | Freeze | Detach | Search | Workflows | Report Options | Export | ECM Documents | User Extensions

Date Entered	Date Posted	* Batch	Depreciation	Insurance	Interest	License
10-03-2020	31-03-2021	12128	2,177.42	320.83	333.33	16.67
10-03-2020	28-02-2021	12127	7,500.00	320.83	333.33	16.67
10-03-2020	31-01-2021	12126	7,500.00	320.83	333.33	16.67
10-03-2020	31-12-2020	12125	7,500.00	320.83	333.33	16.67
10-03-2020	30-11-2020	12124	7,500.00	320.83	333.33	16.67
10-03-2020	31-10-2020	12123	7,500.00	320.83	333.33	16.67
10-03-2020	30-09-2020	12122	7,500.00	320.83	333.33	16.67
10-03-2020	31-08-2020	12121	7,500.00	320.83	333.33	16.67
10-03-2020	31-07-2020	12120	7,500.00	320.83	333.33	16.67
10-03-2020	30-06-2020	12119	7,500.00	320.83	333.33	16.67
10-03-2020	31-05-2020	12112	7,500.00	320.83	333.33	16.67
10-03-2020	30-04-2020	12111	7,500.00	320.83	333.33	16.67
10-03-2020	31-03-2020	12110	5,322.58	227.69	236.56	11.83
			90,000.00	**4,077.65**	**4,236.52**	**211.87**

Fixed Assets > Query > Asset Transaction Detail Query

Addition and Betterment

Resetting Expected Life: The expected life cycle will be renewed from the month when betterment is added, and expected life is reset.

ASSET	EXPECTED LIFE	ACTIVATION	BETTERMENT	MONTH IN WHICH ASSET IS TOTALLY DEPRECIATED
ASSET-1	12	1ST FEB 2020	N/A	JAN 2021
ASSET-2	12	15TH FEB 2020	N/A	FEB 2021
ASSET-3	12	1ST FEB 2020	MAY 2020 – RESET LIFE	APRIL 2021
ASSET-4	12	15TH FEB 2020	MAY 2020 – RESET LIFE	MAY 2021
ASSET-5	12	15TH FEB 2020	MAY 2020 – NO RESET	MAY 2020

Ability to Create Journal Entries for Activation, Addition and Betterment, and Disposal of an Asset (19.88705)

Ability to create journal entries for activation, addition and betterment, and disposal of an asset. The Journal entries created must be automatically posted to GL.

Modifications

Fixed Assets > Control File: Added the following new fields to the control. These fields will be used as default values when creating new assets.

- Default Asset Department
- Default Asset Account
- Asset Acquisition/Betterment Department
- Asset Acquisition/Betterment Account
- Asset Disposal Department
- Asset Disposal Account

Asset Maintenance > Distribution Tab: Added new fields

- Distribution Tab:
  - Asset (Department, Account, Account Name)
  - Acquisition/Betterment (Department, Account, Account Name)
  - Disposal (Department, Account, Account Name)
  - Asset Acquisition Value
  - Asset Acquisition Override Amount
  - Create and Post Transaction button

System > Security > Role Privileges

- A new privilege ‘FACHGACVAL’ is added to ‘System Privileges’.

- When checked, allows to adjust the Asset Acquisition Value.
- The ‘Asset Acquisition Override Amount’ field will be enabled, when the flag is ‘checked’ and disabled if it is ‘un-checked’.

Additions and Betterments:

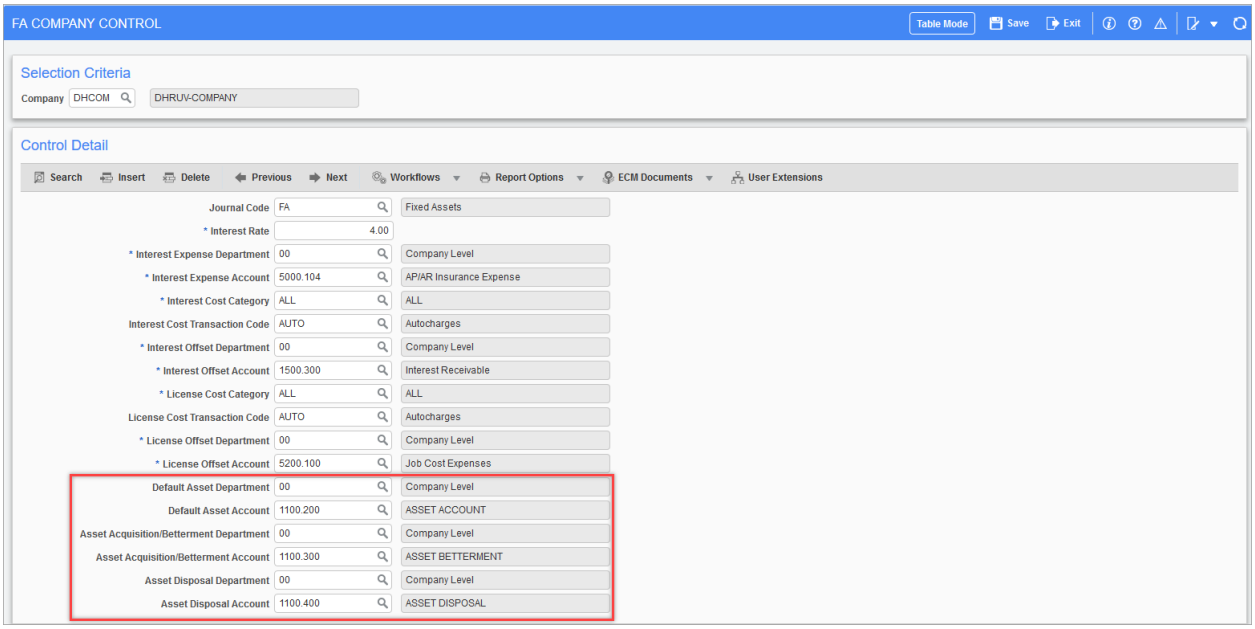
- Added [**Create and Post Transaction**] button and ‘Batch’ display column.
- Batch column will display the batch number of the posted transactions.
- Create and Post Transaction button will post the selected additions and betterment to GL.

Disposal of Fixed Assets:

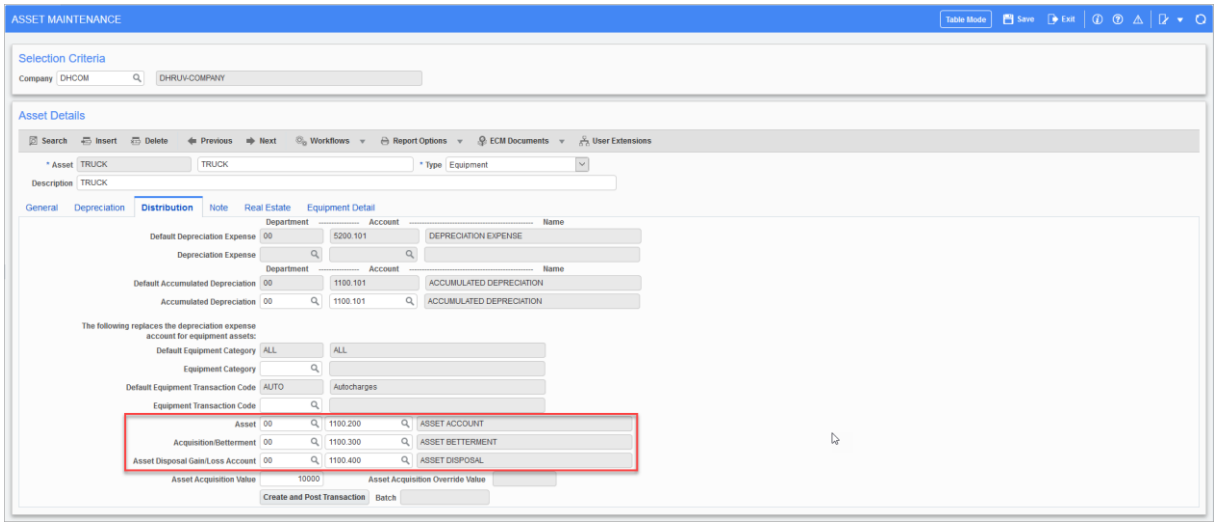
- Debit Department & Account
- Credit Department & Account
- Post Date
- Batch
- Create and Post Transaction button

NOTE: The new fields may be hidden as default for all users. When required, users may use the Lite Editor to make them available.

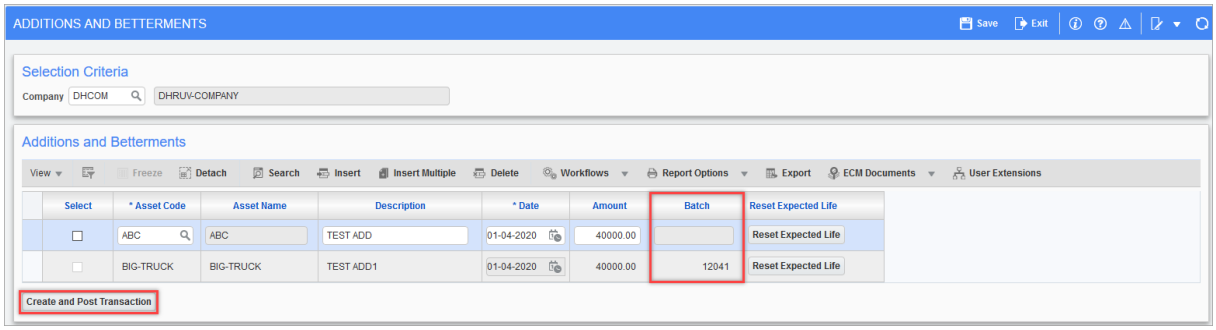
Following screens show modifications performed:



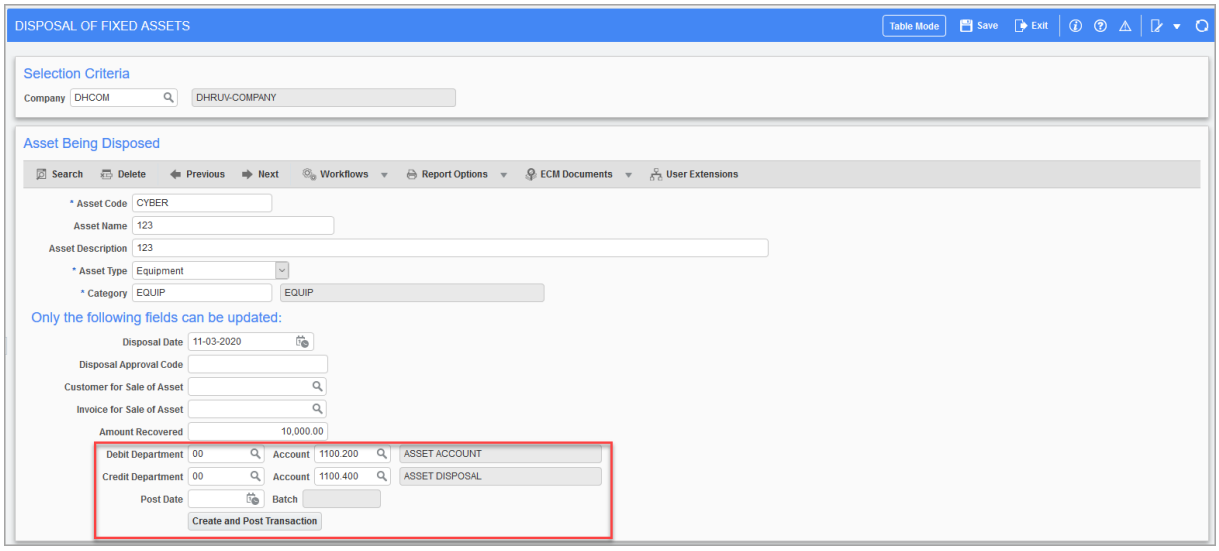
Fixed Assets >Setup> Local Tables> Control File



Fixed Asset > Enter Asset > Distribution Tab



Fixed Asset > Assets > Enter Additions and Betterments



Fixed Asset > Assets > Disposal of Assets

Processing & Posting

1. **Acquisition Value & posting:**

   When a new asset is activated, the asset is facilitated to make journal entry and automatically post transaction to GL.

   Asset Maintenance > Distribution – If the account and department fields for 'Asset', 'Acquisition/Betterment', and 'Asset Disposal' are not entered, the values will be defaulted from control file.

   If department and account fields are mentioned in the distribution tab, then this will override the values in the control file.

   The posting distribution will be as follows:

	Department	**Account**	**Account Name**
Asset	00	1100.200	Asset Account
Acquisition/Betterment	00	1100.300	Asset Acquisition Betterment Account
Asset Disposal	00	1100.400	Asset Disposal Account

Asset Acquisition Value	12500.00

Department	**Account**	**Account Name**	**Debit**	**Credit**
00	1100.200	Asset Account	125,000.00	0.00
00	1100.300	Asset Acquisition Betterment Account	0.00	125,000.00

   If the asset acquisition value is to be adjusted, enter the new value in 'Asset Acquisition Override Value' field and click on 'Create and Post Transaction'.

Asset Acquisition Value	12500.00
Asset Acquisition Override Value	150000.00

Department	Account	Account Name	Debit	Credit
00	1100.200	Asset Account	0.00	125,000.00
00	1100.300	Asset Acquisition Betterment Account	125,000.00	0.00
00	1100.200	Asset Account	150,000.00	0.00
00	1100.300	Asset Acquisition Betterment Account	0.00	150,000.00

2. Additions and Betterments

When Additions and Betterment are performed on an asset, it would create a journal entry and automatically post transaction to GL. Add the betterment to the asset:

Select	* Asset Code	Asset Name	Description	* Date	Amount	Batch
N	EXCAVATOR	EXCAVATOR	PARTS CHANGED #1278	11-03-2020	42300.00	12210.00

Select the asset and click on ‘Create and Post Transaction’ button.

The posting distribution will be as follows:

Department	Account	Account Name	Debit	Credit
00	1100.200	Asset Account	42300.00	00
00	1100.300	Asset Acquisition Betterment Account	00	42300.00

The accounts are defaulted from the control file.

3. Disposal of Assets

Select the asset to be disposed, enter the ‘Disposal Date’ and click on Save.
If an asset has ‘Amount Recovered’ it must be entered. If there is a value in ‘Amount Recovered’ field, the ‘Debit’ & ‘Credit’ department, and account field is enabled. Enter the department and account to which the recovered amount is to be posted.

NOTE: User can use the Asset Acquisition Override Value even if the asset is disposed.

There can be four cases of posting while disposing an asset, as follows:

a)

Net Book Value	AMOUNT RECOVERED
7500	0

Department	Account	Account Name	Debit	Credit
00	1000.100	Operating account	0.00	7500
00	1100.400	Asset Disposal Account	7500	0.00

b)

Recovered amount is posted to the accounts entered in the 'Disposal of Fixed Asset' screen.

	Department	Account	Account Name
Debit	00	1100.400	Asset Disposal Account
Credit	00	1100.200	Asset Account

Net Book Value	AMOUNT RECOVERED
7500	5000

Department	Account	Account Name	Debit	Credit
00	1000.100	Operating Account	0.00	7500
00	1100.200	Asset Account	0.00	5000
00	1100.400	Asset disposal Account	7500	0.00
00	1100.400	Asset disposal	5000	0.00

Department	Account	Account Name	Debit	Credit
		Account		

c)

Net Book Value	AMOUNT RECOVERED
0	0

No GL line is created for '0' line.

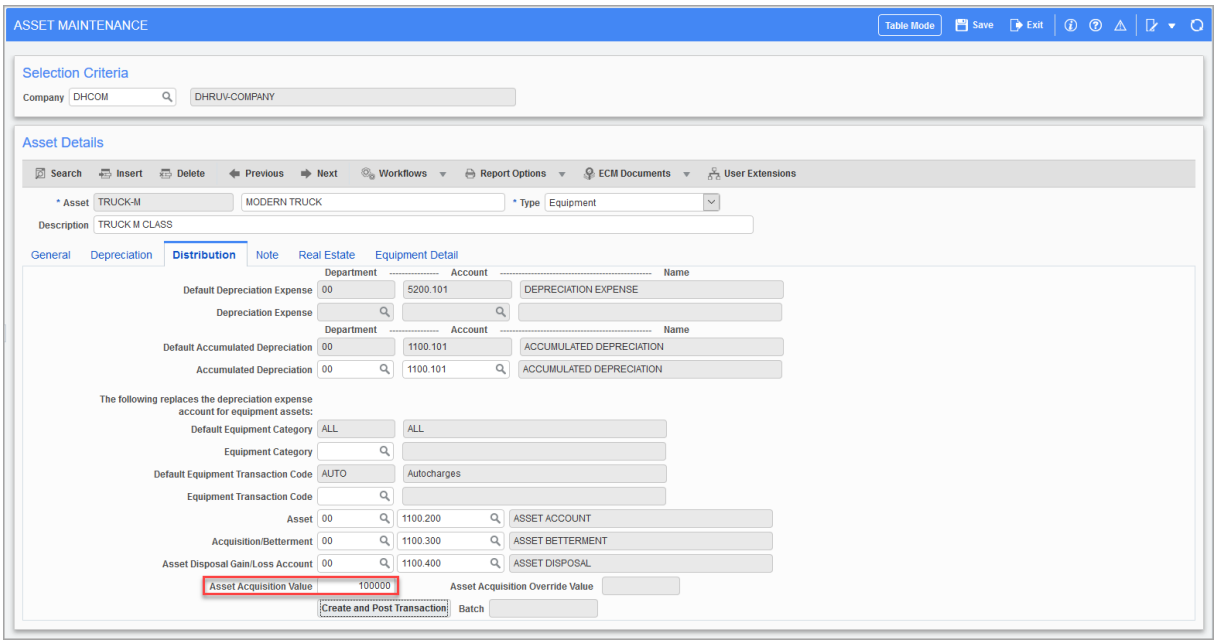
d)

Net Book Value	AMOUNT RECOVERED
0	5000

Department	Account	Account Name	Debit	Credit
00	1100.200	Asset Account	0.00	5000
00	1100.400	Asset Disposal Account	5000	0.00

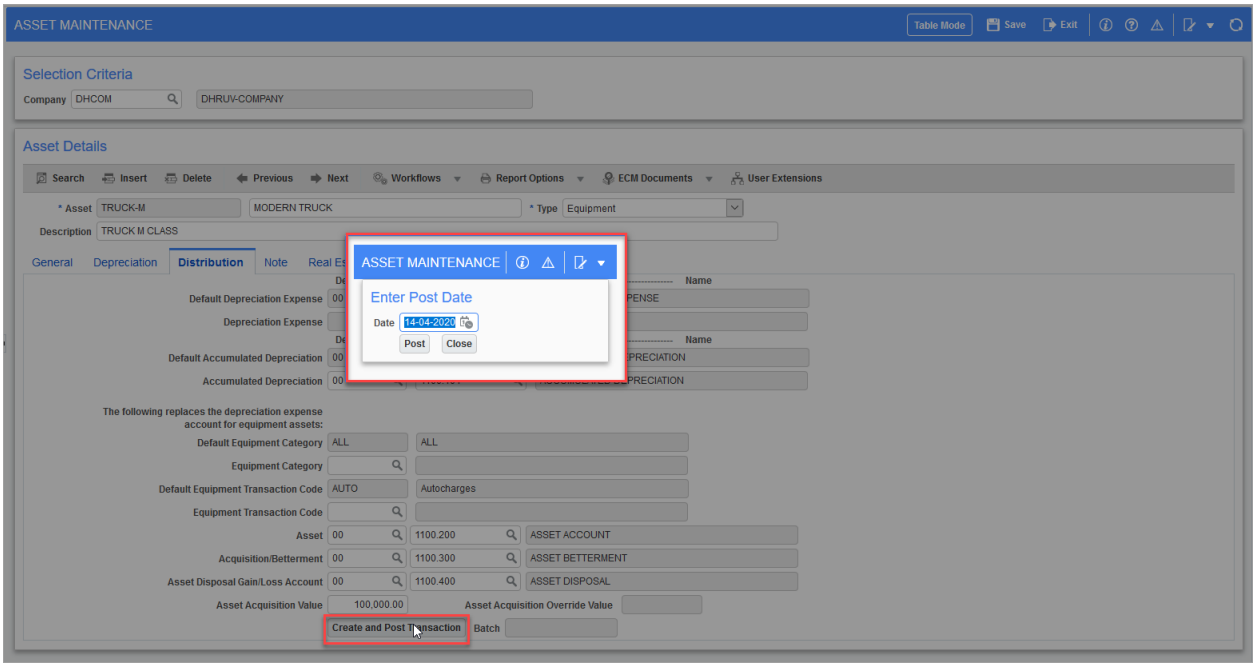
Examples:

A new asset 'TRUCK-M' is added in fixed asset. In 'Distribution' tab of fixed asset, enter the asset acquisition value and click on 'Create and Post Transaction' to make a journal entry posting to GL.

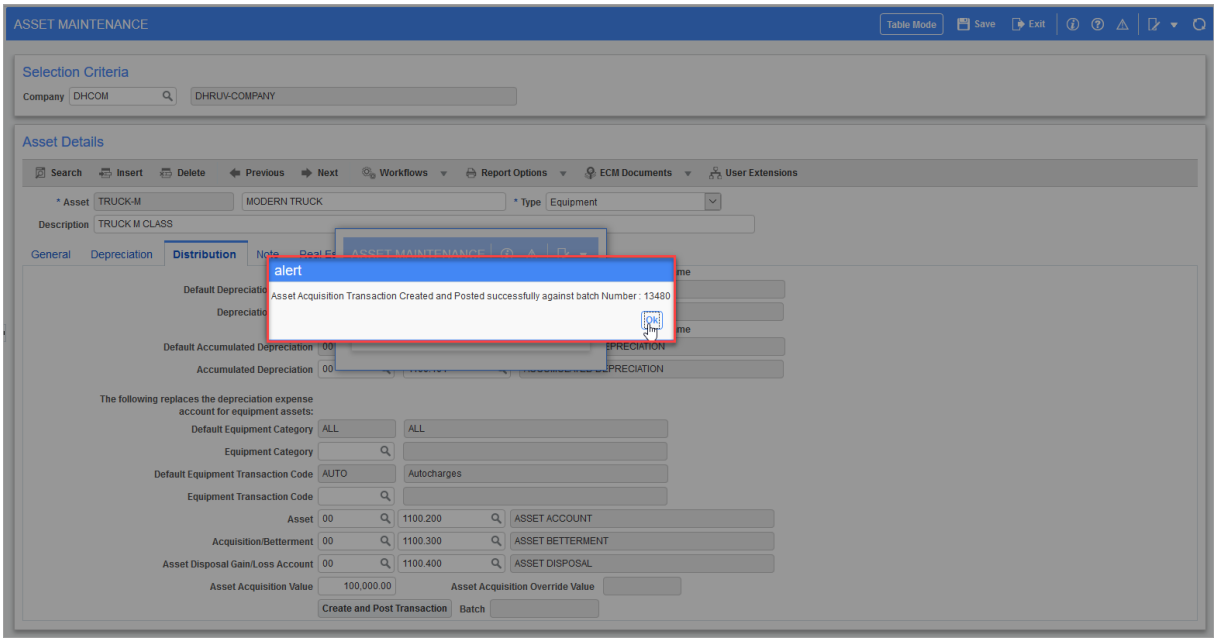


If the ‘Asset’, ‘Addition/Betterment’, and ‘Asset Disposal’ department and account are entered here, they will override the default accounts in the control file. If no department and accounts are mentioned, the control file department and accounts are defaulted here.

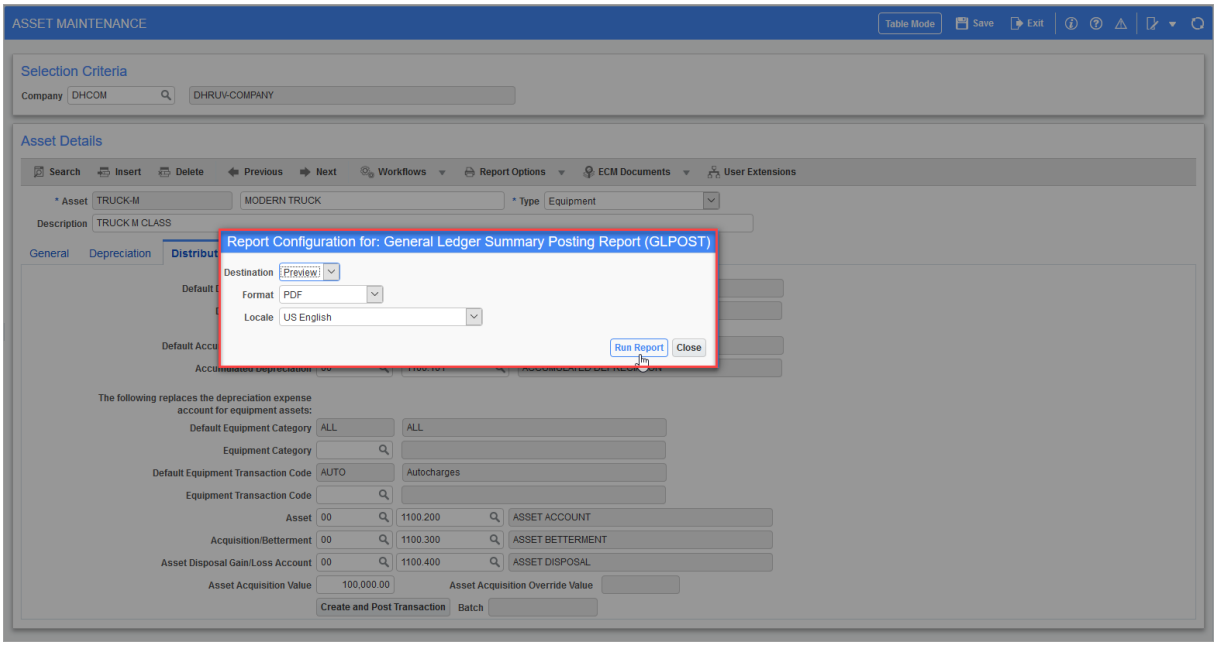
Upon clicking on ‘Create and Post Transaction’, a pop-up launches which prompts user to enter the posting date.



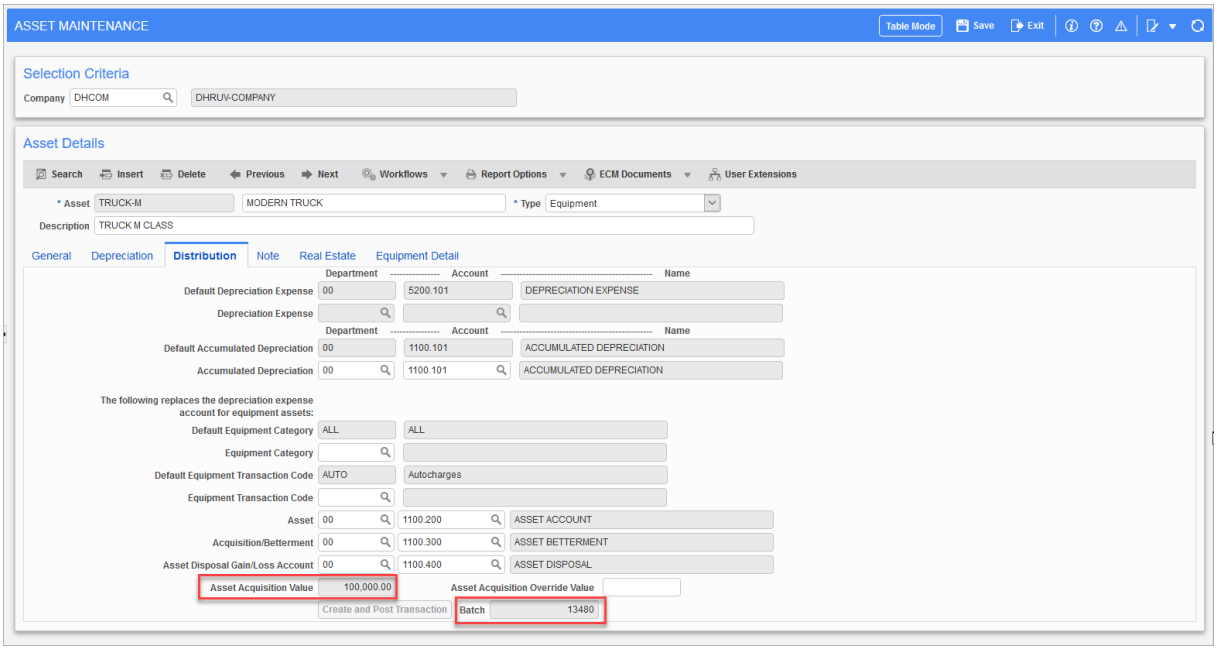
After clicking on POST, an alert message is displayed ‘Asset Acquisition Transaction Created and Posted successfully against batch number:’. Batch number is generated, and corresponding posting is done in GL.



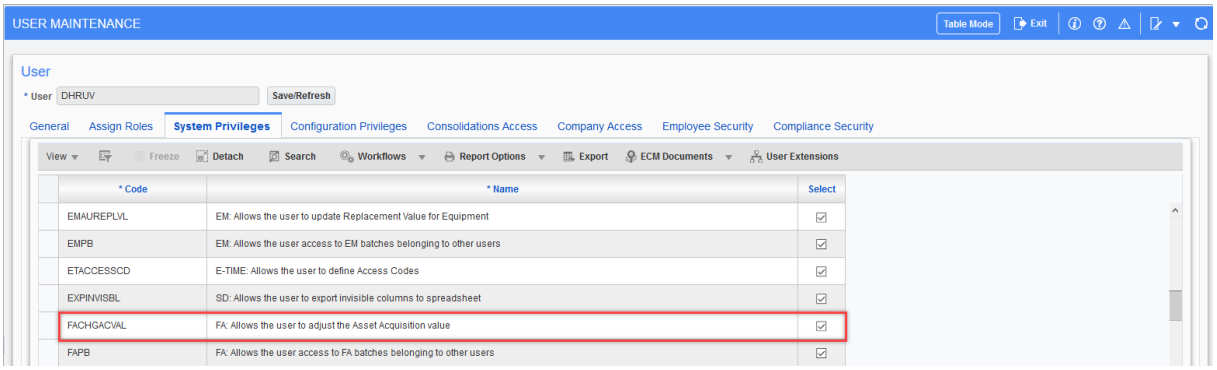
Click ‘OK’ to go to ‘Report Configuration’ pop-up.



Click ‘Run Report’ to view the report, click ‘close’ to close the pop-up. After generating the report or closing the report configuration pop-up, batch number is shown on distribution tab of the asset.



Also, the Asset Acquisition Override Values field is now enabled, as the 'FACHGACVAL' flag is checked in System Privileges.

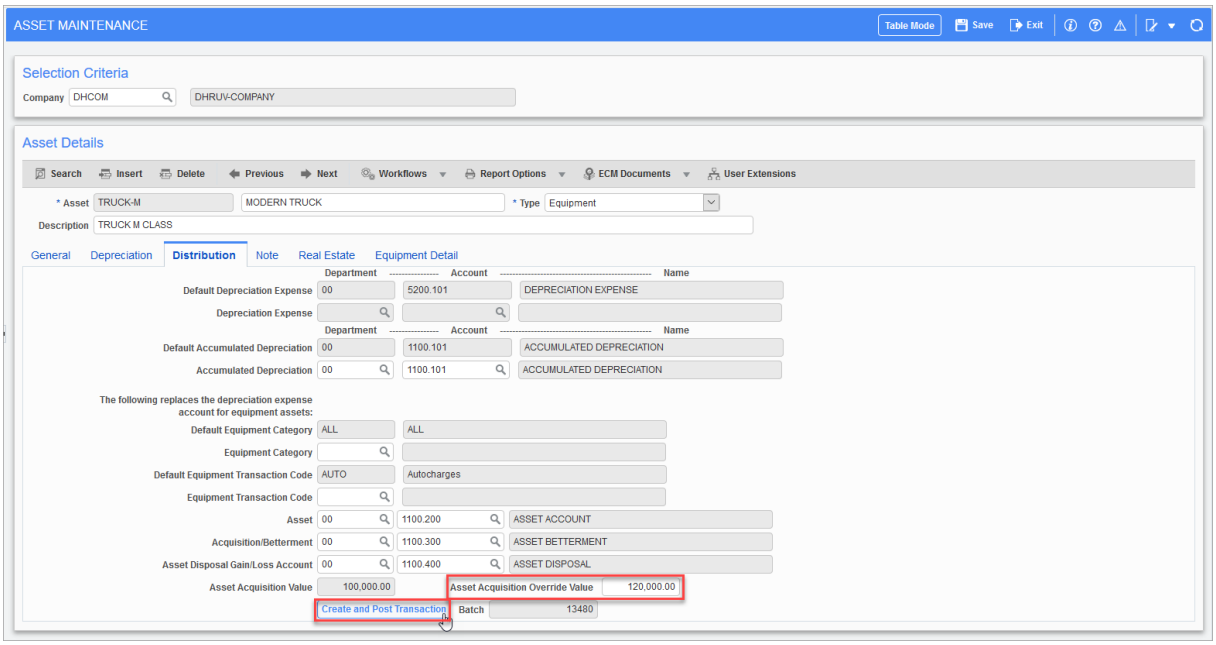


The 'Asset Acquisition Override Value' field is only enabled in the following cases:

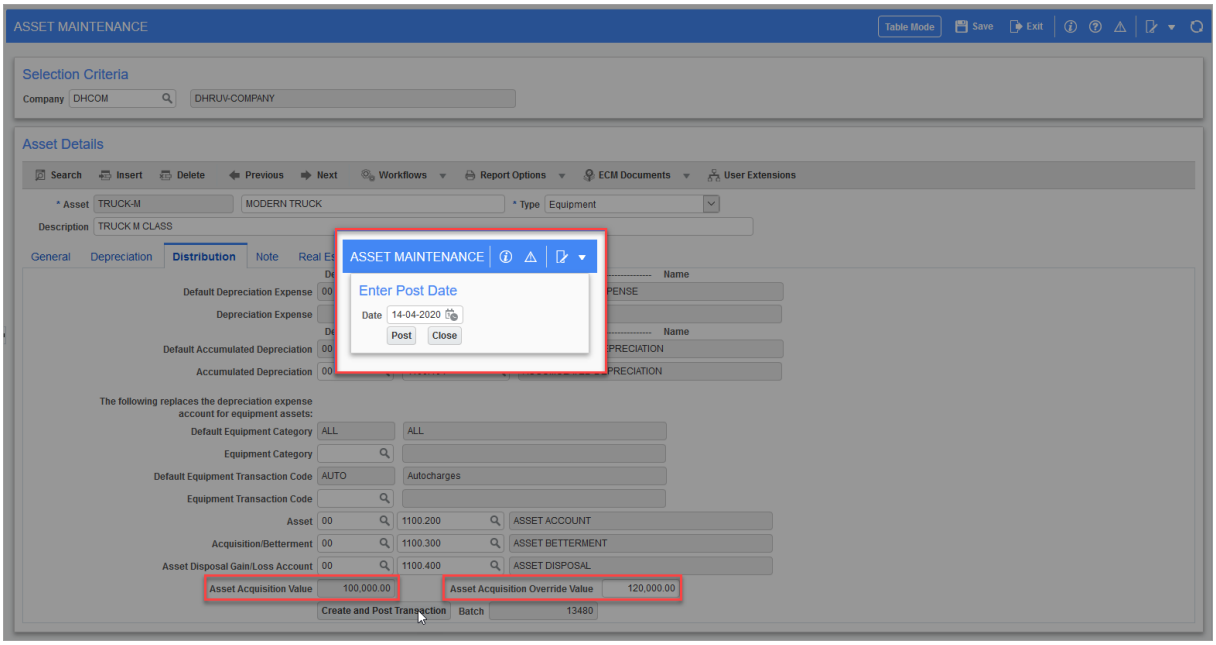
1) 'FACHGACVAL' flag is check in System Privileges
2) The asset has 'Asset Acquisition Value' and acquisition value transaction is posted in GL

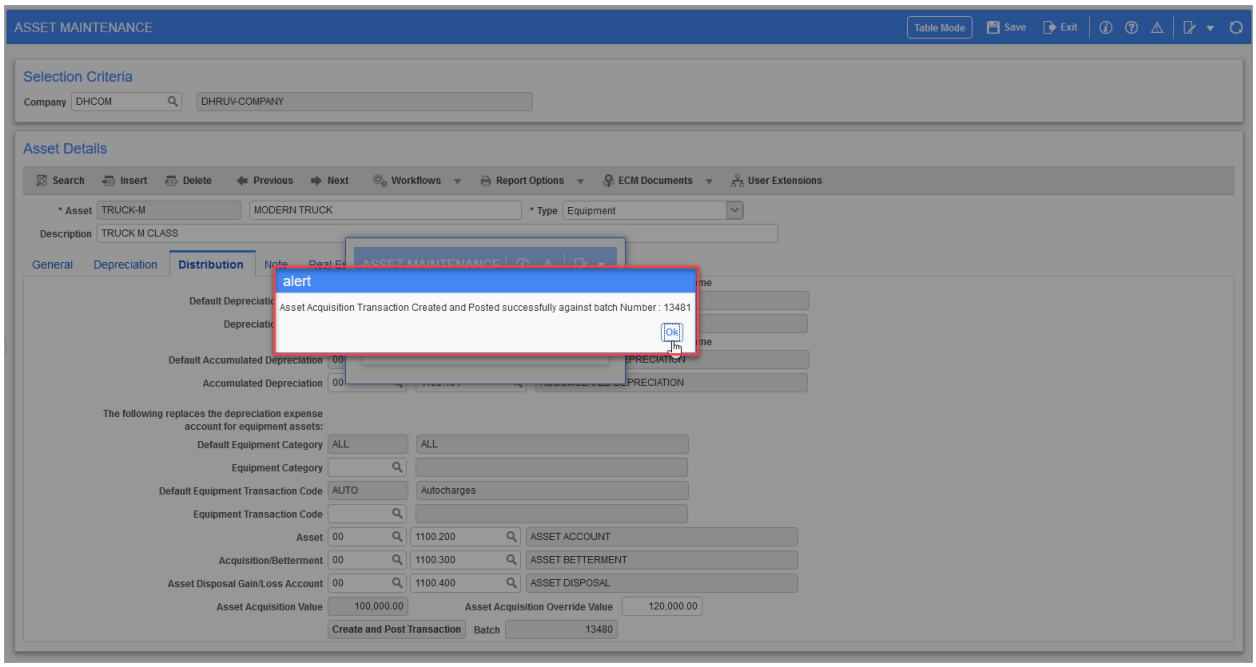
NOTE: If there is no 'Asset Acquisition Value', then there is no value to be overridden.

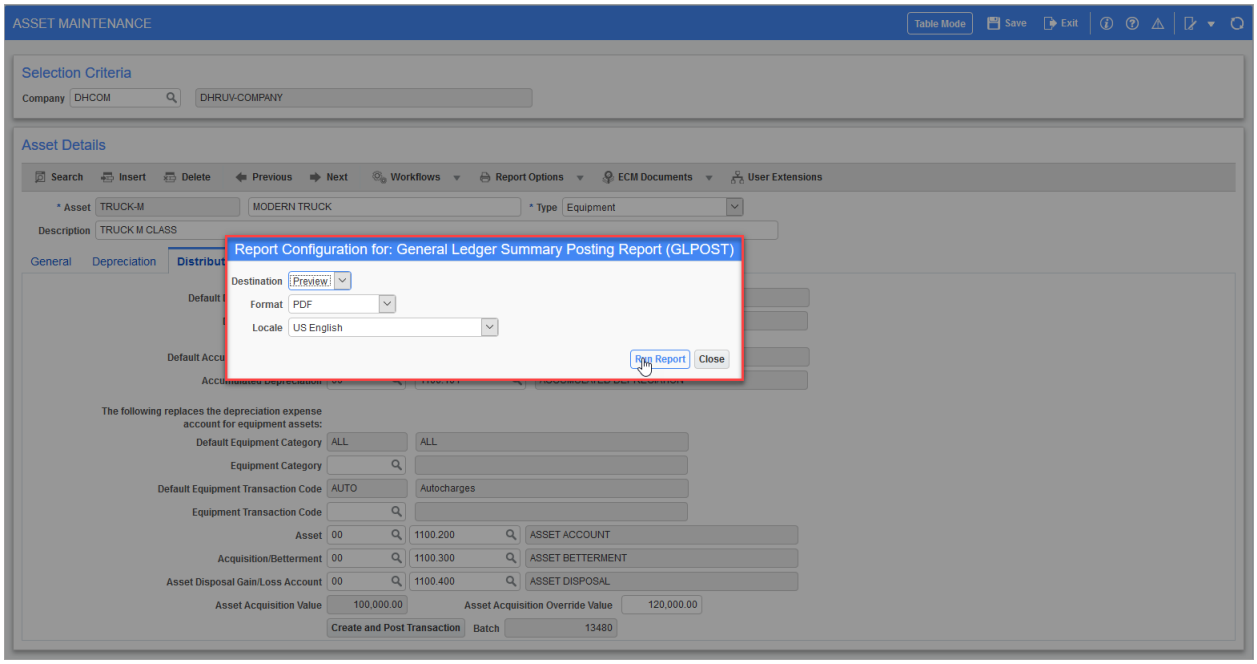
If the 'Asset Acquisition Value' needs to be adjusted, then enter the new adjusted asset acquisition value in 'Asset Acquisition Override Value' and click on 'Create and Post Transaction' to make a journal entry and post the transaction to GL. While posting system will reverse the transaction of old batch against new batch if any and create a new transaction under the new batch with new amount.



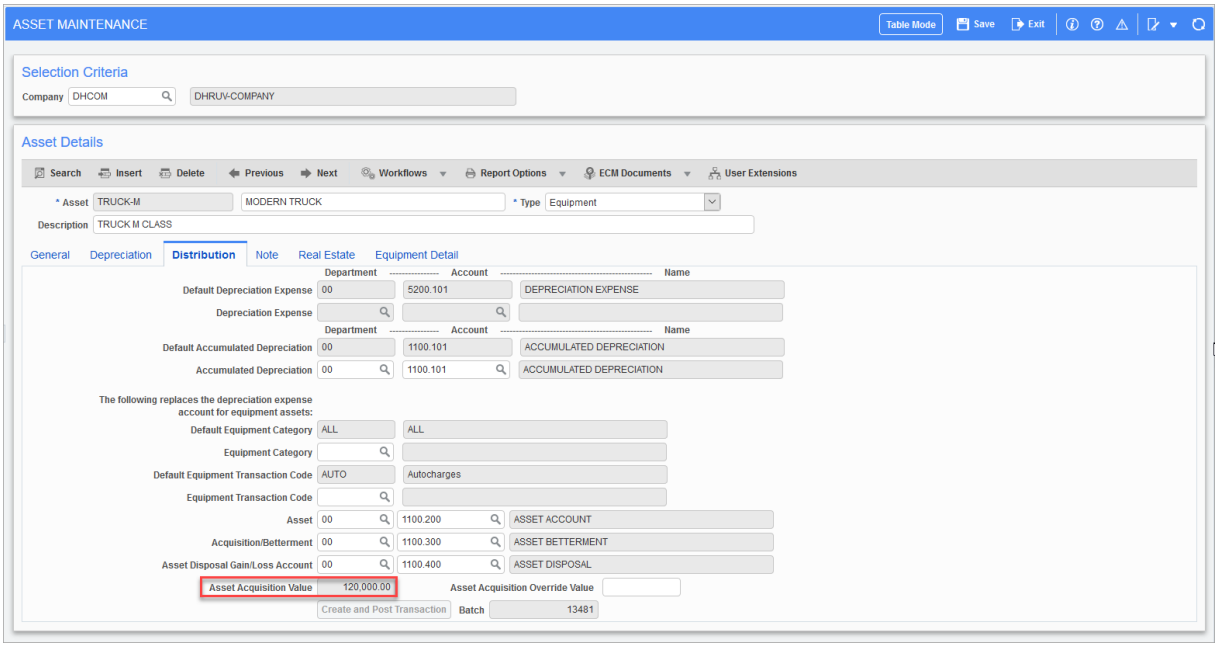
If the asset value is needed to be adjusted, enter the ‘Asset Acquisition Override Value’ and click on ‘Create and Post Transaction’.




ASSET MAINTENANCE
Table Mode
Save
Exit
Selection Criteria
Company DHCOM
DHRUV-COMPANY
Asset Details
Search
Insert
Delete
Previous
Next
Workflows
Report Options
ECM Documents
User Extensions
* Asset TRUCK-M
MODERN TRUCK
* Type Equipment
Description TRUCK M CLASS
General
Depreciation
Distribution
alert
Asset Acquisition Transaction Created and Posted successfully against batch Number : 13481
Ok
Default Accumulated Depreciation
Accumulated Depreciation
The following replaces the depreciation expense account for equipment assets:
Default Equipment Category ALL
Equipment Category
Default Equipment Transaction Code AUTO
Autocharges
Equipment Transaction Code
Asset 00 1100.200 ASSET ACCOUNT
Acquisition/Betterment 00 1100.300 ASSET BETTERMENT
Asset Disposal Gain/Loss Account 00 1100.400 ASSET DISPOSAL
Asset Acquisition Value 100,000.00
Asset Acquisition Override Value 120,000.00
Create and Post Transaction
Batch 13480

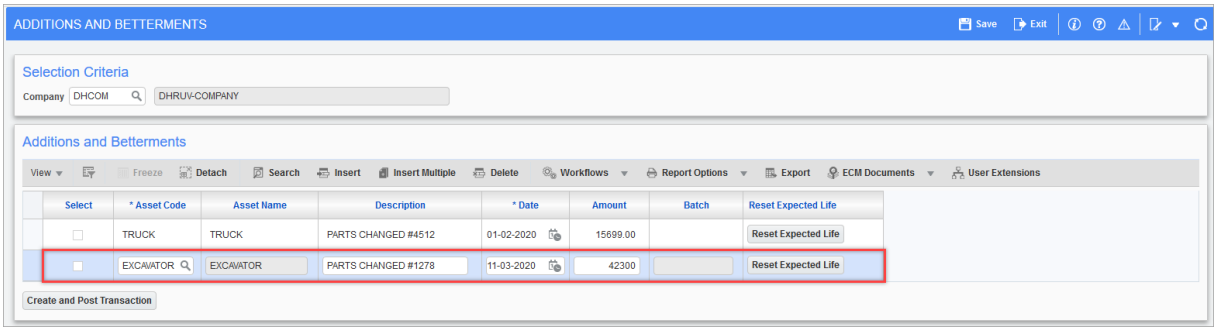

ASSET MAINTENANCE
Table Mode
Save
Exit
Selection Criteria
Company DHCOM
DHRUV-COMPANY
Asset Details
Search
Insert
Delete
Previous
Next
Workflows
Report Options
ECM Documents
User Extensions
* Asset TRUCK-M
MODERN TRUCK
* Type Equipment
Description TRUCK M CLASS
General
Depreciation
Report Configuration for: General Ledger Summary Posting Report (GLPOST)
Destination Preview
Format PDF
Locale US English
Run Report
Close
The following replaces the depreciation expense account for equipment assets:
Default Equipment Category ALL
Equipment Category
Default Equipment Transaction Code AUTO
Autocharges
Equipment Transaction Code
Asset 00 1100.200 ASSET ACCOUNT
Acquisition/Betterment 00 1100.300 ASSET BETTERMENT
Asset Disposal Gain/Loss Account 00 1100.400 ASSET DISPOSAL
Asset Acquisition Value 100,000.00
Asset Acquisition Override Value 120,000.00
Create and Post Transaction
Batch 13480

The ‘Asset Acquisition Value’ and Batch number are updated with new values.

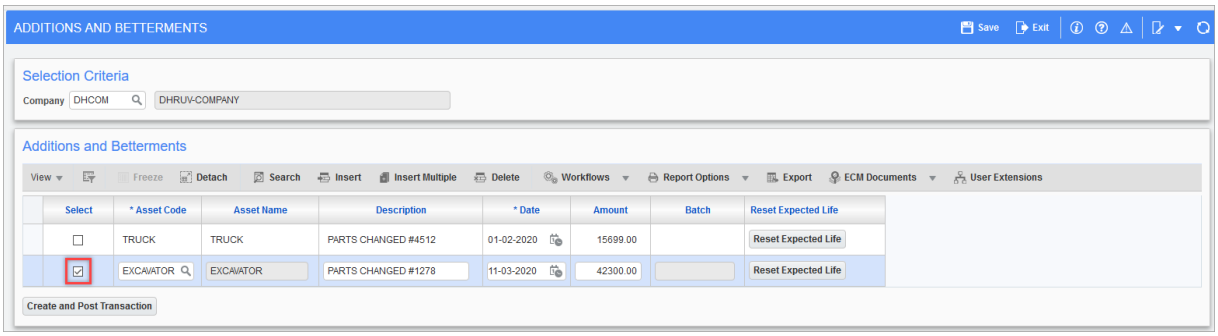


ADDITIONS AND BETTERMENTS

Add the asset to which betterments are to be added in ‘Additions and Betterments’ screen.

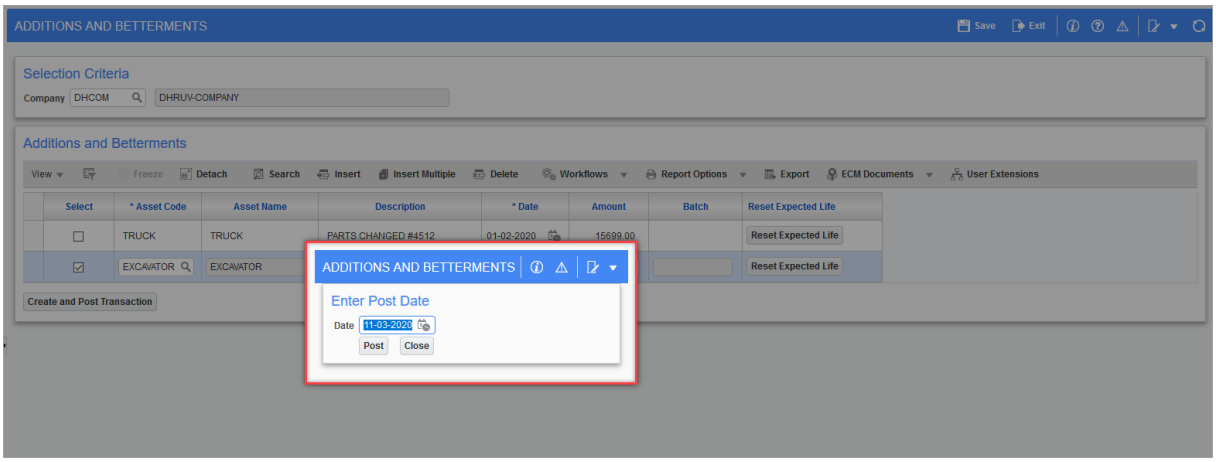


After adding betterments to the asset, click on Save. Saving the betterments would enable the ‘Select’ checkbox.

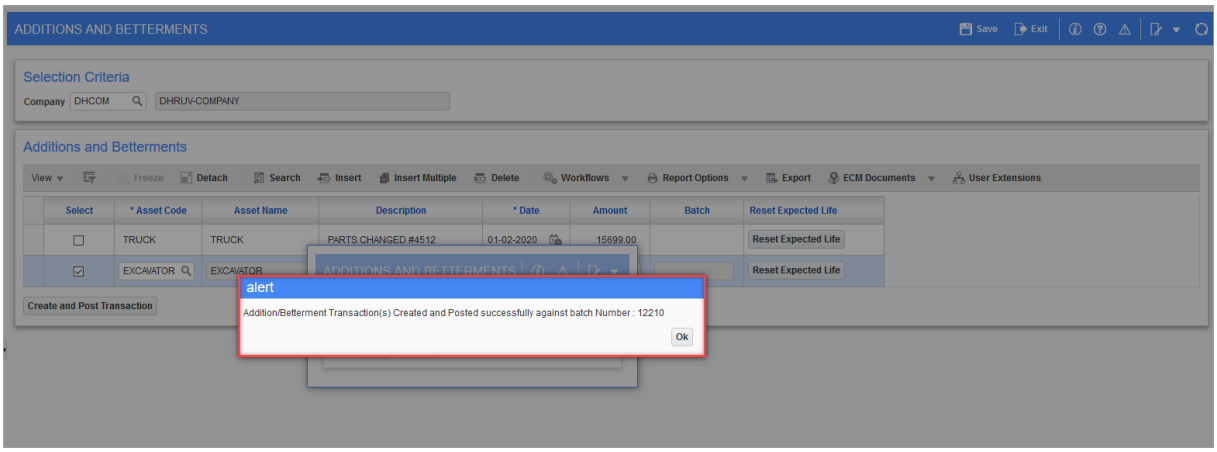


Select the asset to which additions and betterments are to be posted and click on ‘Create and Post Transactions’.

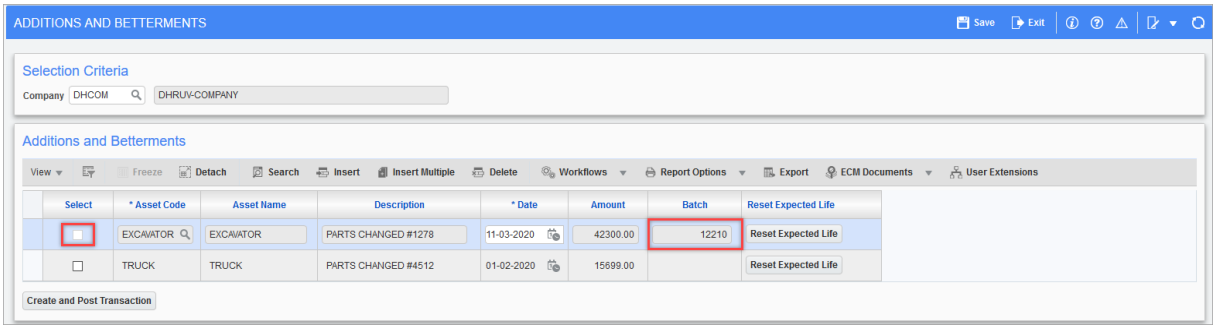
Upon clicking ‘Create and Post transaction’, a pop-up launches to select the post date.



After clicking on POST, an alert message is displayed ‘Addition/Betterment Transaction(s) Created and Posted successfully against batch number:’. Batch number is generated, and corresponding posting is done in GL.



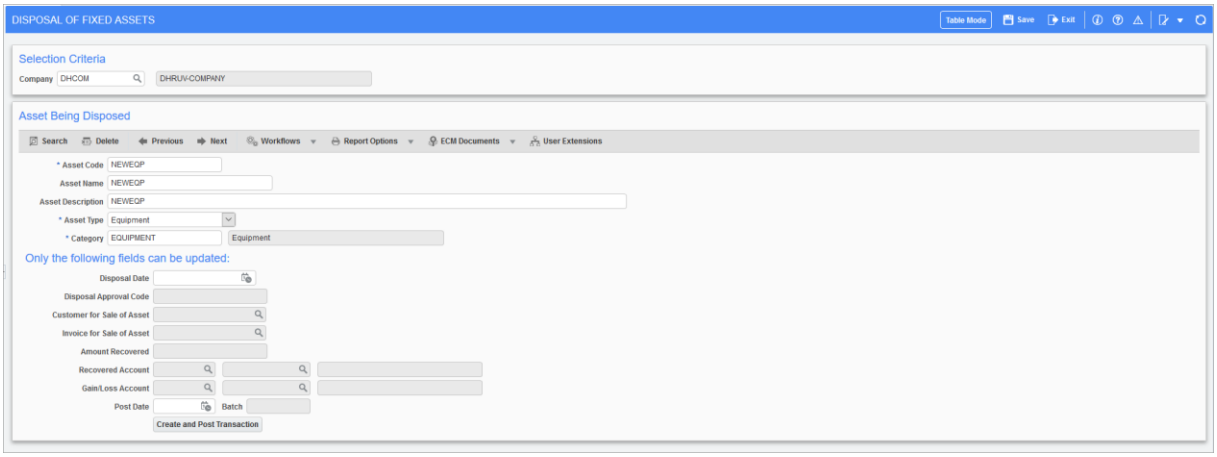
Click ‘OK’ to go to ‘Report Configuration’ pop-up. Click ‘Run Report’ to view the report, click ‘close’ to close the pop-up. After generating the report or closing the report configuration pop-up, batch number is shown in the batch column against the corresponding asset.



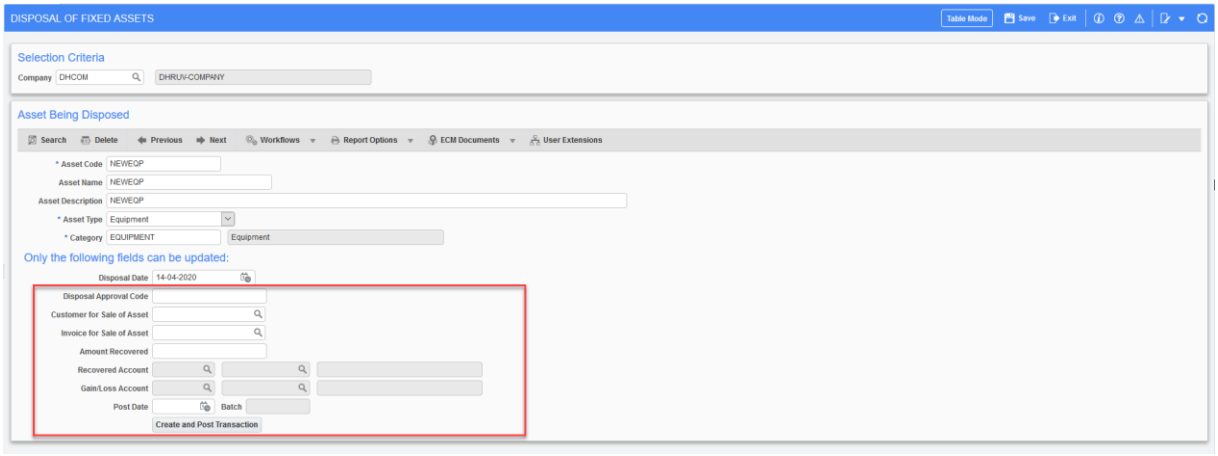
Once the transaction is posted, the selected line is locked for update.

DISPOSAL OF FIXED ASSETS

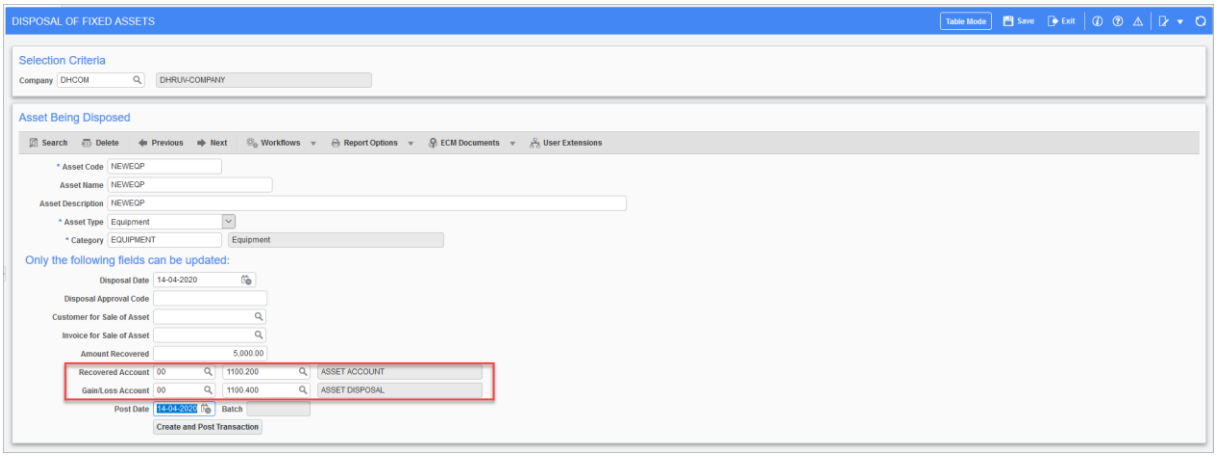
Select the asset to be disposed, enter the disposal date.



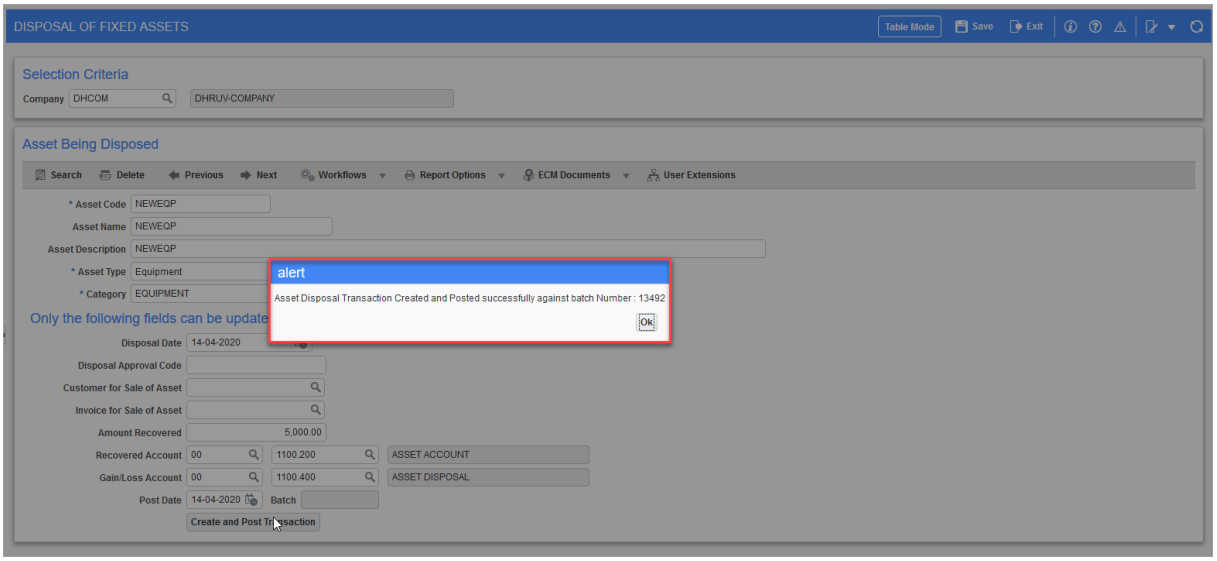
Click on Save to enable all the fields



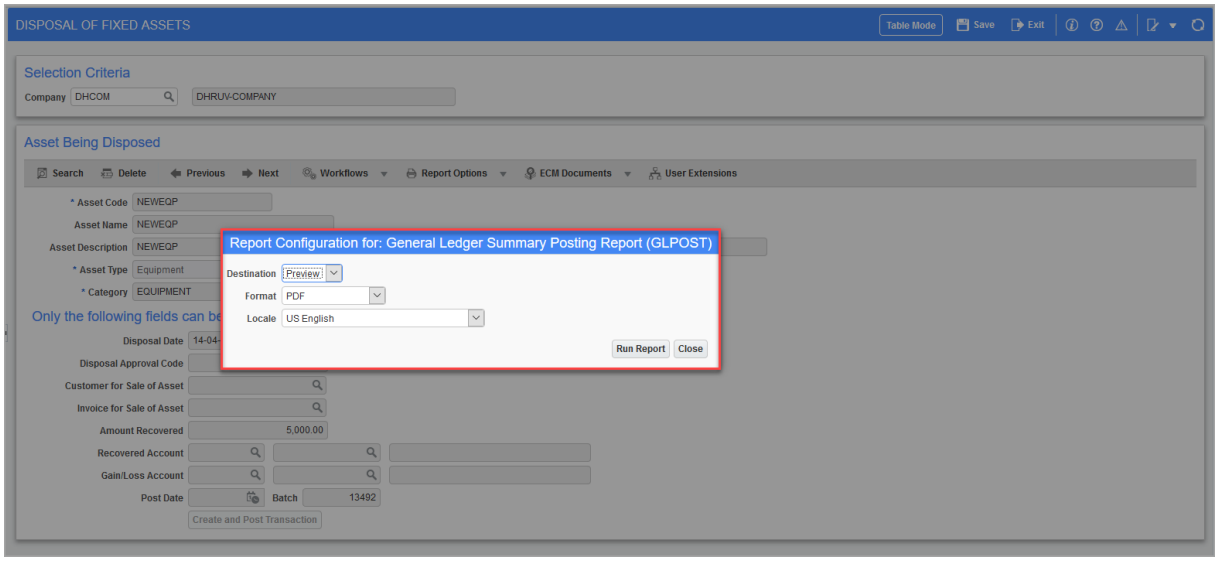
Enter the disposal approval code, customer for sale of asset and Invoice for sale of asset field. If there is any ‘Amount Recovered’ after sale of asset, it must be entered in the ‘Amount Recovered’ field. If there is no amount recovered, it should be left blank. The Debit and Credit Department and Account field will be enabled if there is a value in ‘Amount Recovered’. Enter the department and accounts to which the recovered amount is posted.

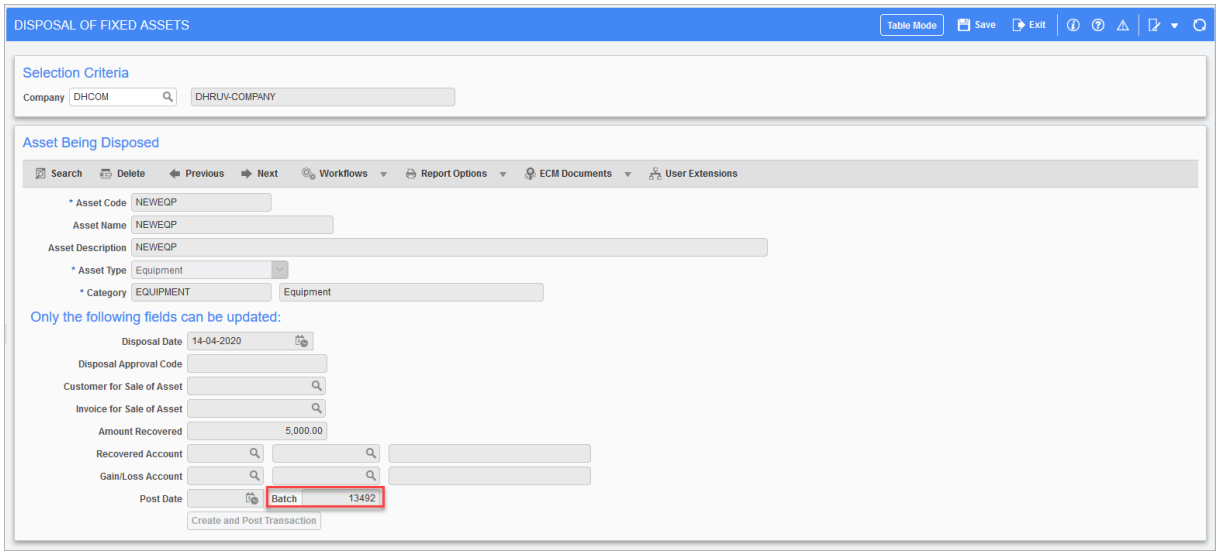


Click on ‘Create and Post Transaction’ button to make a journal entry and post to GL. Upon clicking create and post transaction, an alert message is displayed ‘Asset Disposal Transaction Created and Posted successfully against batch Number:’. Batch number is generated, and corresponding posting is done to GL.



Click ‘OK’ to go to ‘Report Configuration’ pop-up. Click ‘Run Report’ to view the report, click ‘close’ to close the pop-up. After generating the report or closing the report configuration pop-up, batch number is shown in the batch column against the corresponding asset.





Disposal of Fixed Asset:

Asset	Net Book Value	Amount Recovered	Amount Posted
Asset-1	8000	0	8000
Asset-2	8000	8000	16000
Asset-3	0	0	0

Asset	Net Book Value	Amount Recovered	Amount Posted
Asset-4	0	8000	8000

No GL transaction would be created for ‘0’ line.

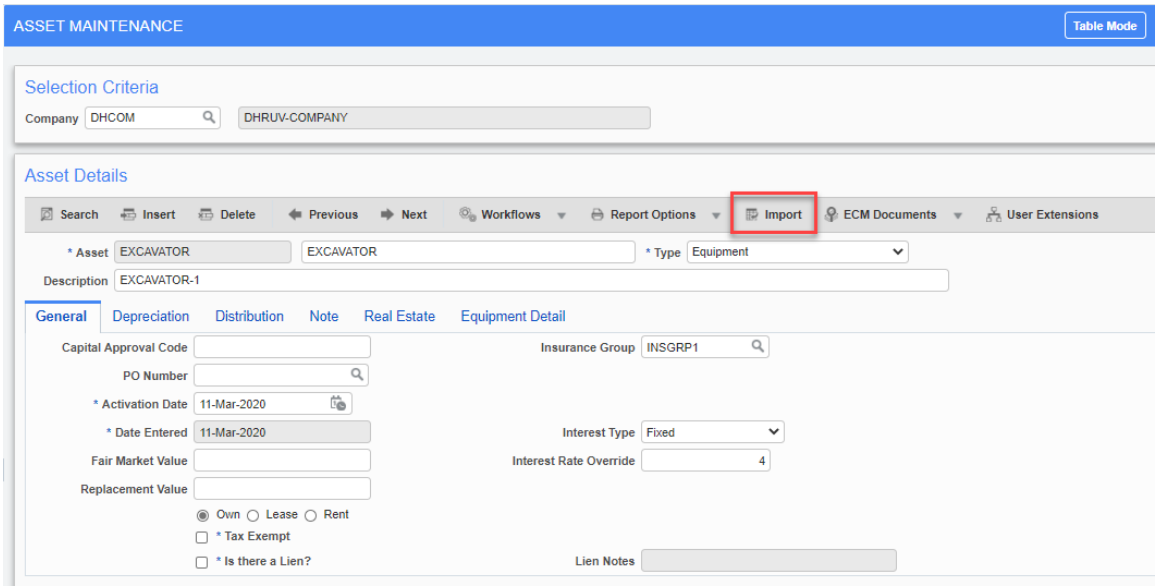
The ‘Net Book Value’ amount is posted to the default accounts in control file.

Asset Maintenance – Import Function (20.24714)

Added the ability to import records in Asset Maintenance program.

The following are the fields that can be imported for an asset.

Asset Code*, Name, Description, Type*, Capital Approval Code, Insurance Group, Activation Date*, Interest Type, Fair Market Value, Interest Rate Override, Replacement Value, Lease Type*, Tax Exempt*, Is there a Lien? *, Category*, Depreciation Method, Economic Life, CCA Class, Expected Life in Months, Residual Value, Original Cost, Initial Depreciation, Initial Months, Equipment Class, Home Location, Actual Location.



Asset Management > Fixed Assets > Assets > Enter Assets

The import function follows standard CMiC Import process, where users will be able to download a csv template, create a csv file of asset records and upload for validation and import into the Asset Maintenance screen.

Added “Include Disposed Off Assets” Checkbox in ‘Asset Query’ Program (22.54640)

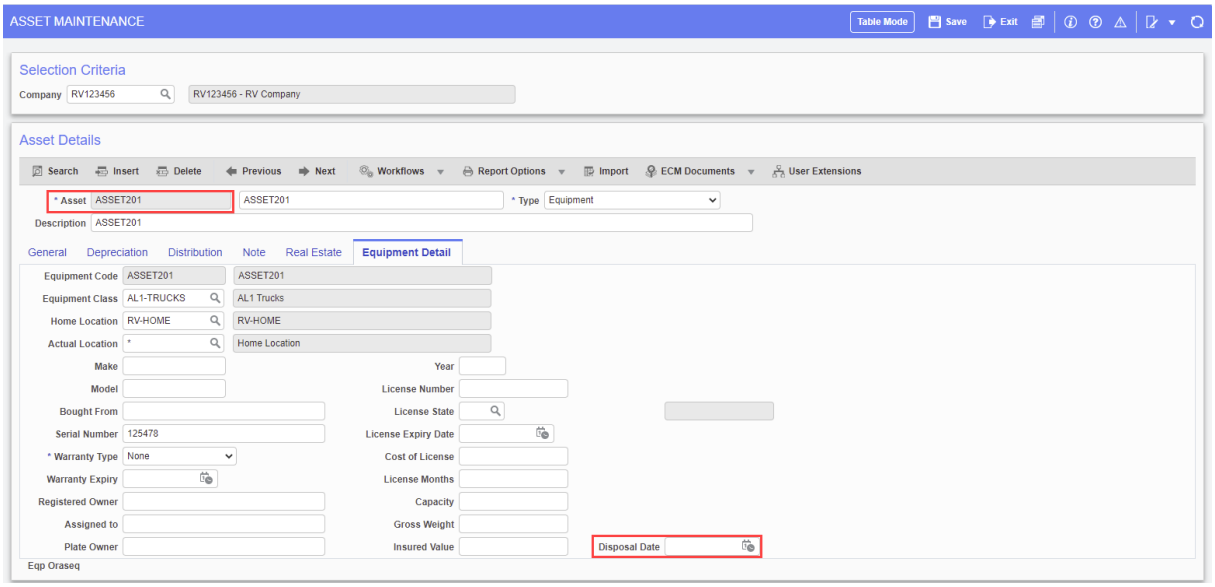
New “Include Disposed Off Assets” Checkbox is added in ‘Asset Query’ Program.

When the Checkbox: “Include Disposed Off Assets” is **checked** then the Disposed off Assets will get displayed in the Assets Query.

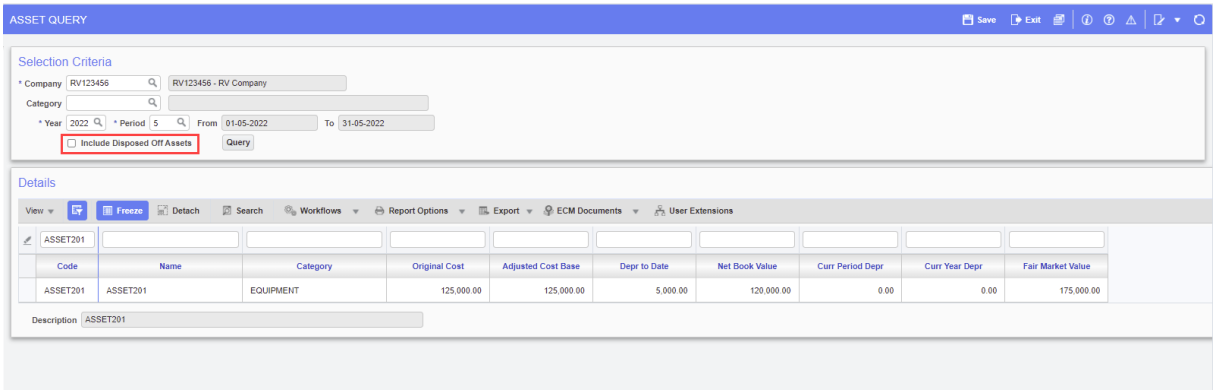
When the Checkbox: “Include Disposed Off Assets” is **Unchecked** then the Disposed off Assets will **NOT** get displayed in the Assets Query.

Modification with an example:

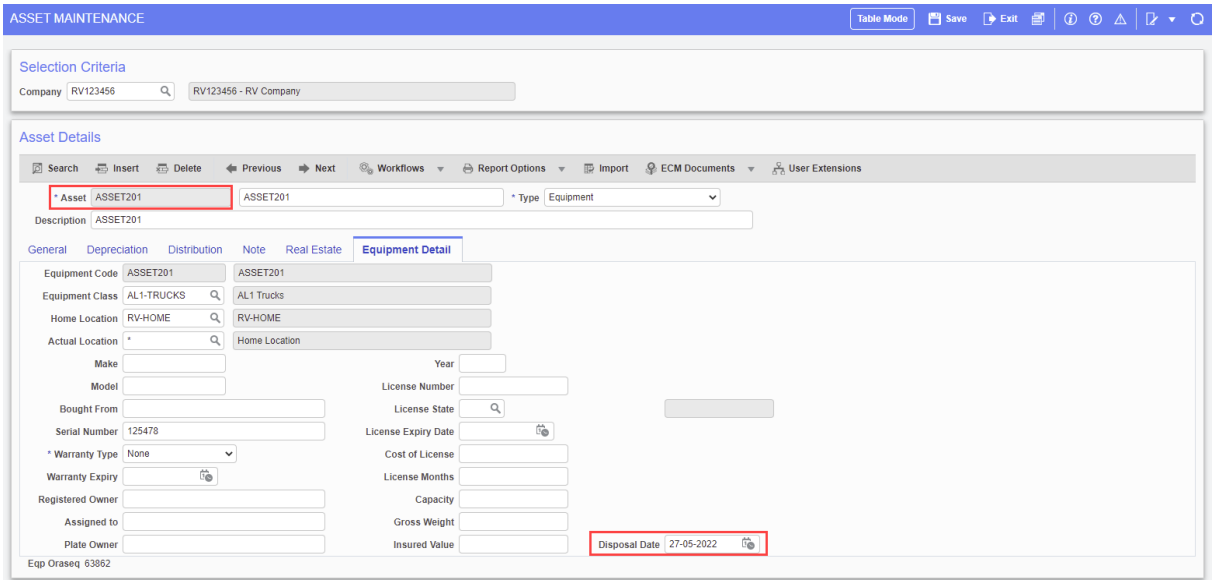
Asset: ASSET201 – Not Disposed yet. No Disposal Date.



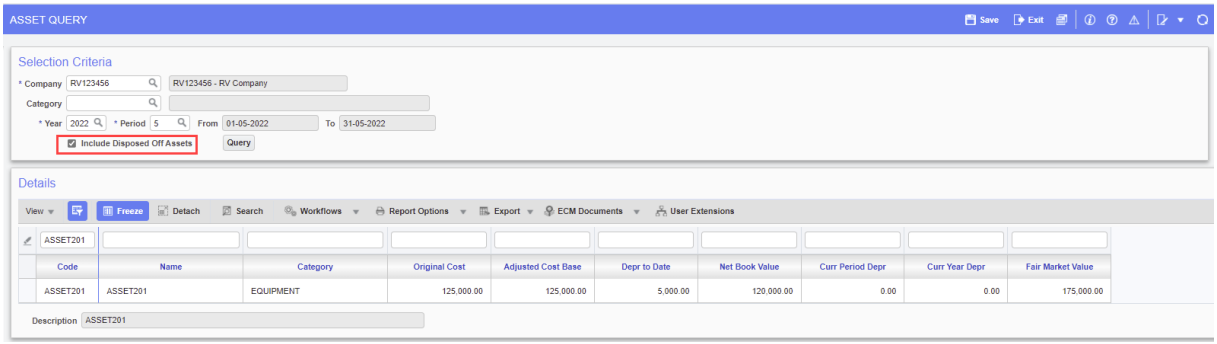
In Asset Query when User Unchecks the “Include Disposed Off Assets” Checkbox then Asset201 is displayed.



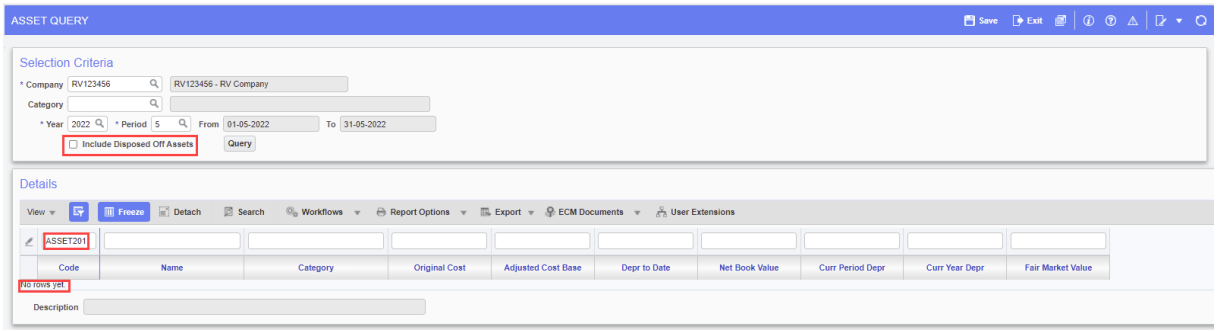
Asset: ASSET201 – Asset is Disposed successfully. Disposal Date: 27-05-2022



In Asset Query when User Checks the “Include Disposed Off Assets” Checkbox then Asset201 is displayed.



In Asset Query when User Unchecks the “Include Disposed Off Assets” Checkbox then Asset201 is NOT displayed.

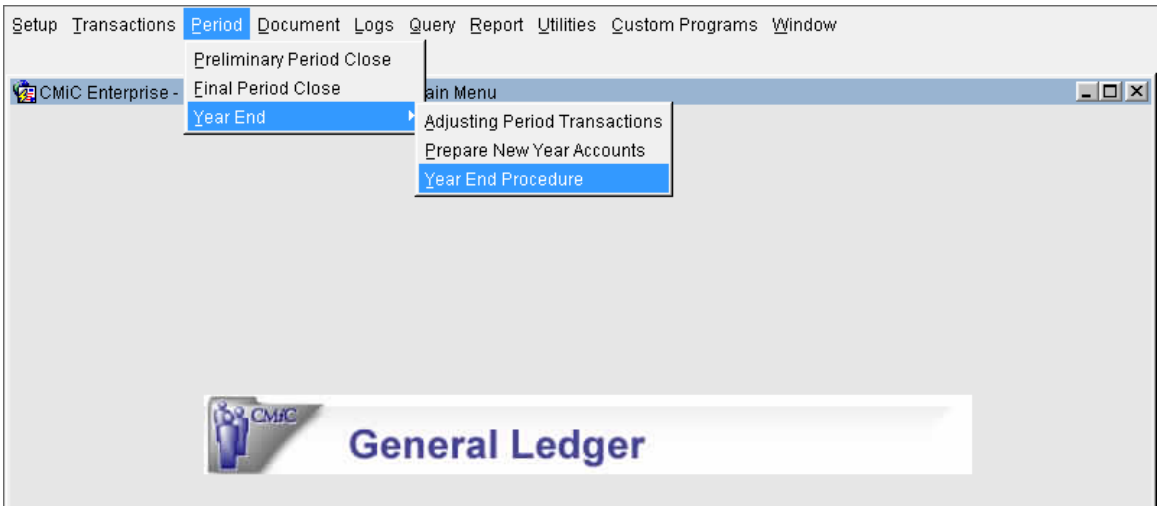


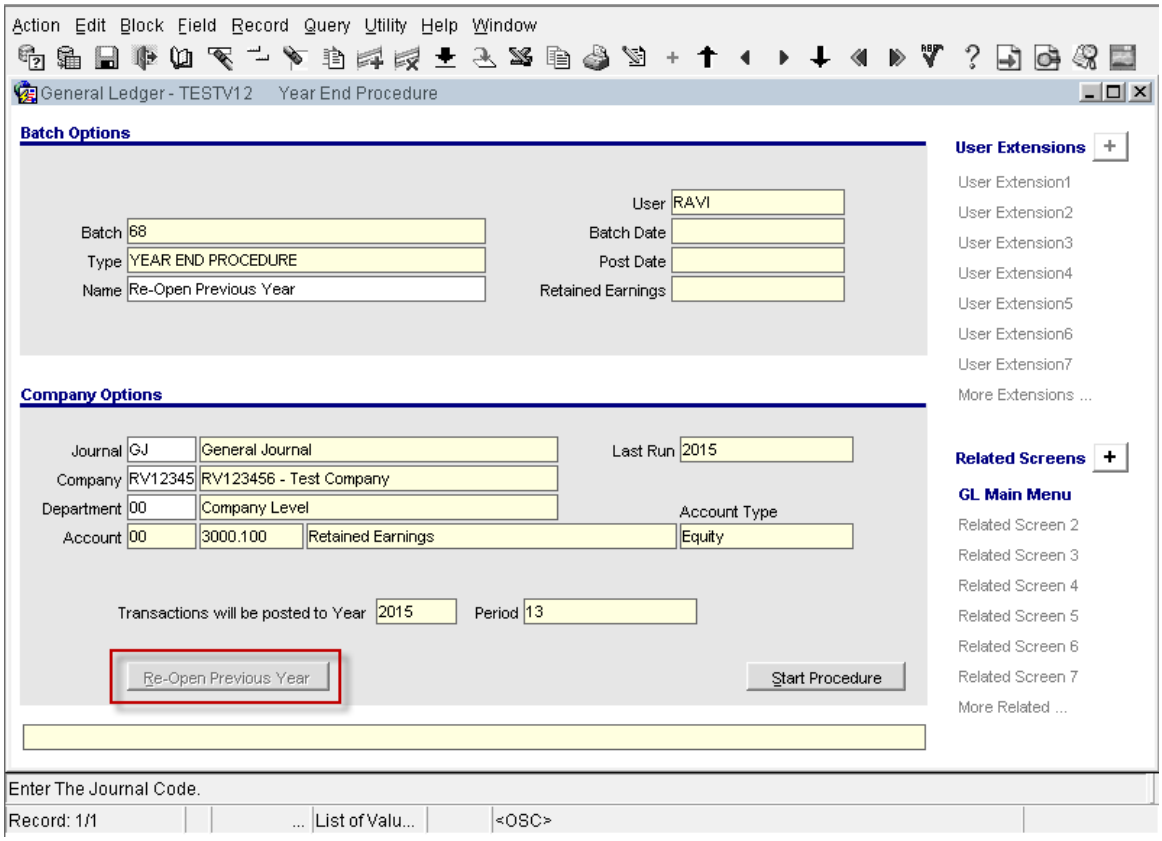
Form Letters

This section is currently under development.

General Ledger

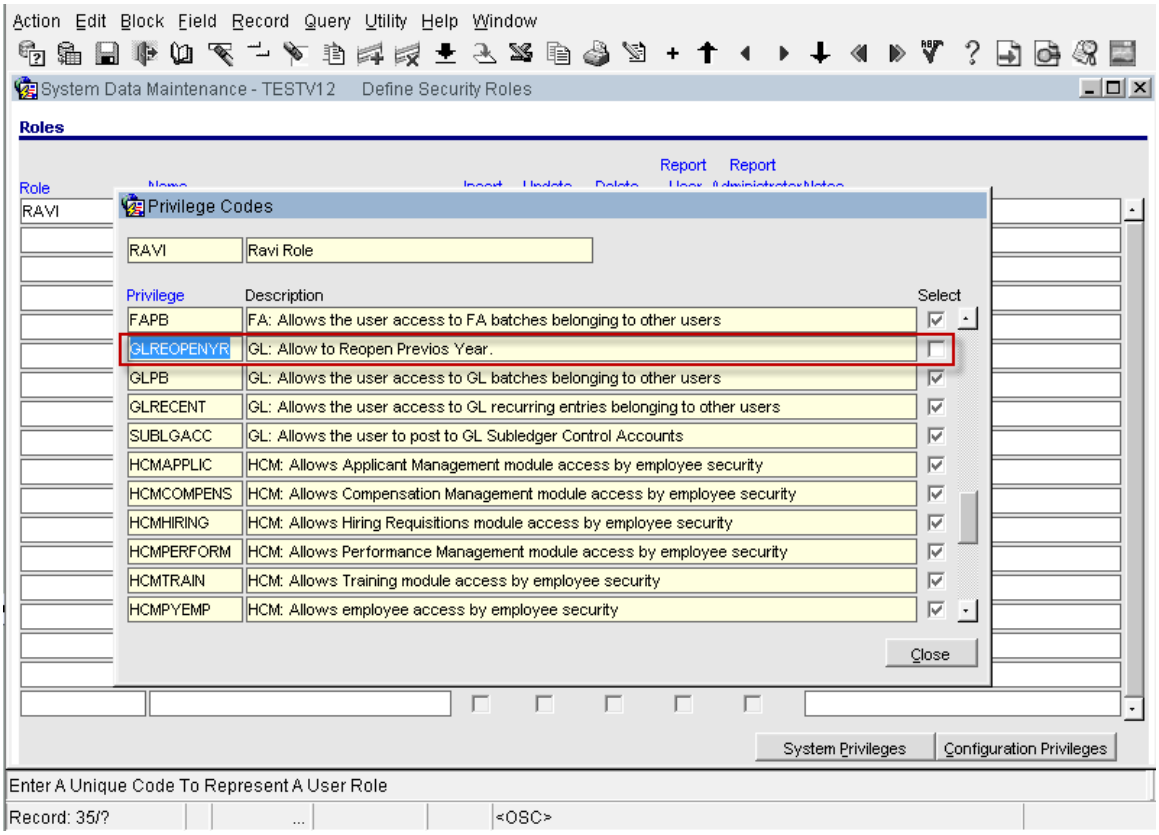
Year End Procedure – Reopen Previous Year Button (16.14184)





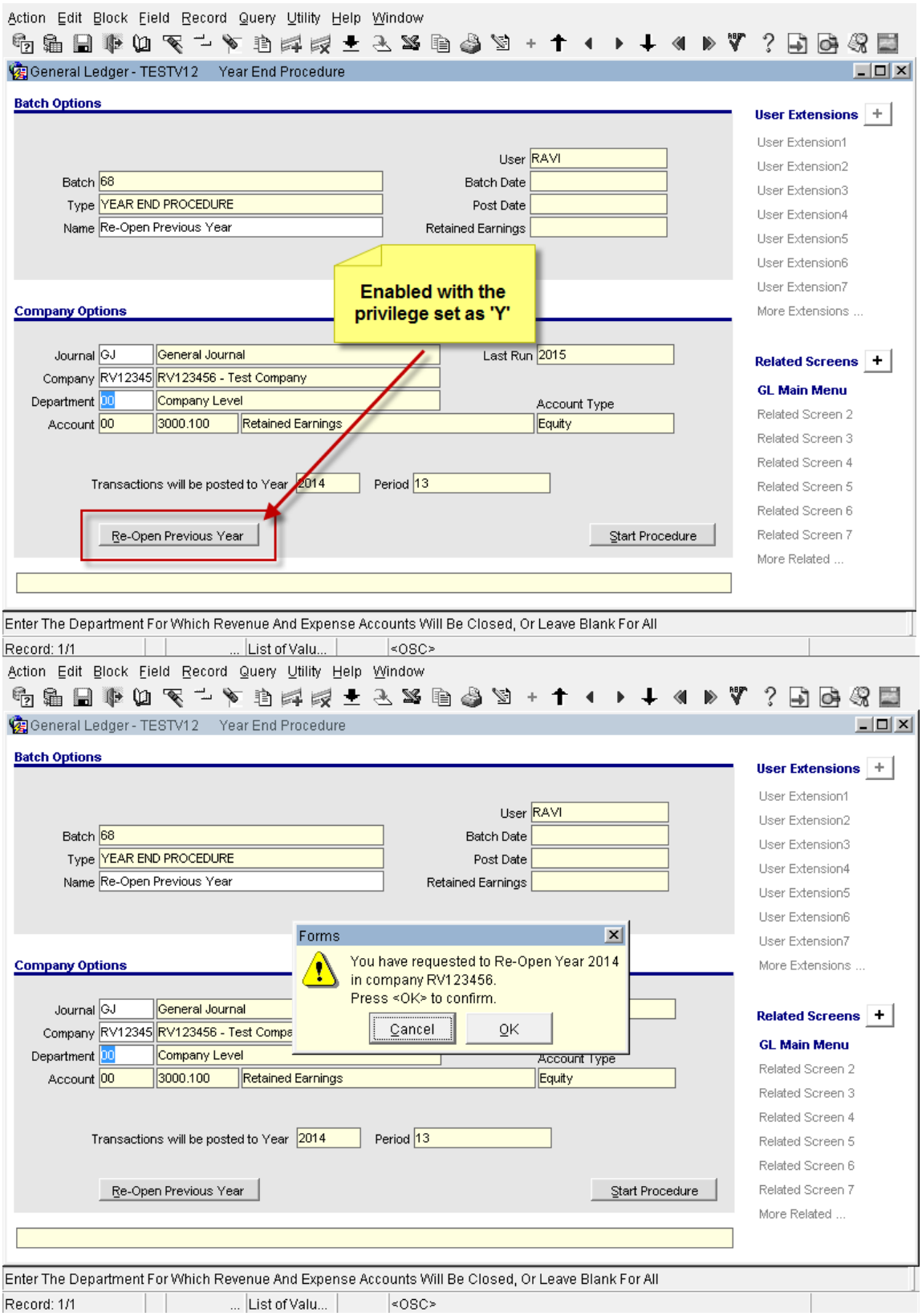
Retearn.fmx

Added a button 'Re-Open Previous Year' to the Year End Procedure form. When pressed, the company current fiscal year (comp_fiscal_yr) will be kep equal to the current, the department current year (dept_yr) to the current, and department closed year (dept_close_yr) to the one before previous.For example, if the company current year is 2016, then re-opening previous will do the following: comp_fiscal_yr = 2016, dept_yr = 2016 and dept_close_yr = 2014

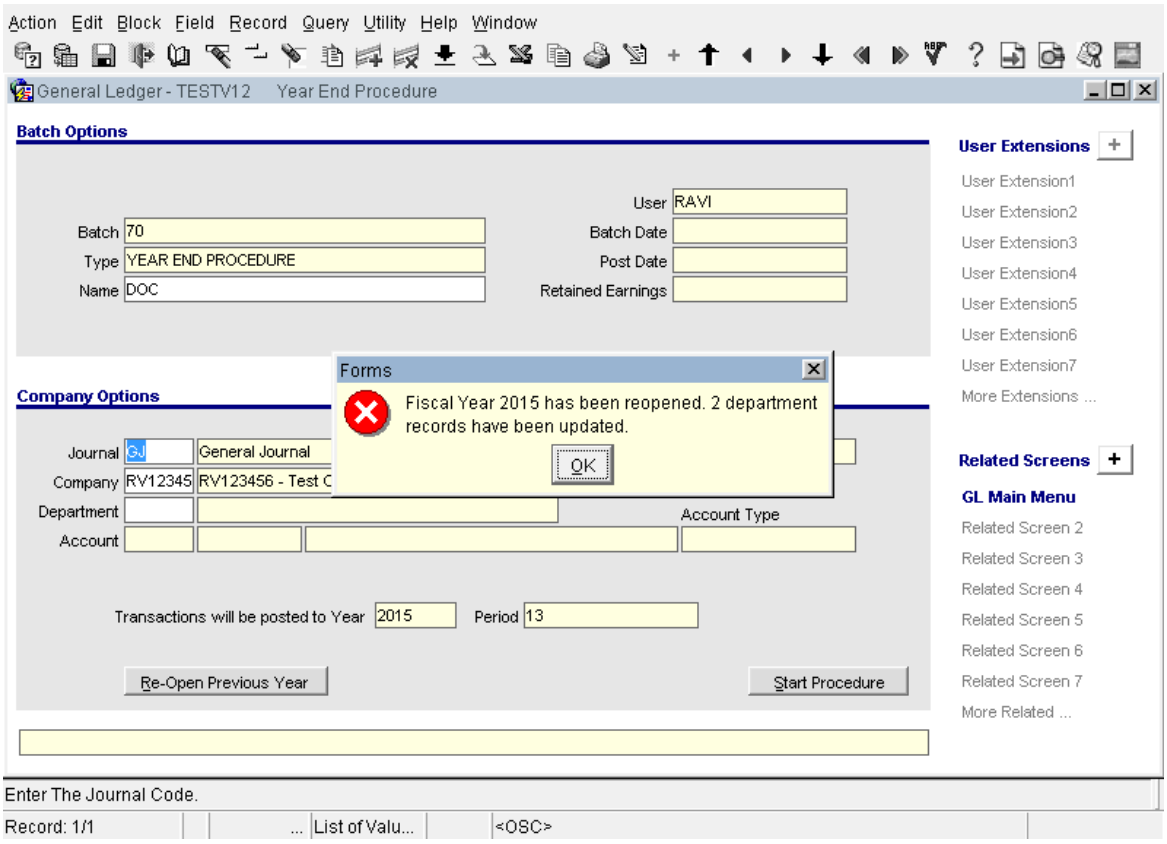


This button is secured with a privilege ‘GLREOPENYR’. The default value is un-checked for all roles. Users have to assign this previlege to roles/users as required.

When pressed, will popup a confirmation message for the users to accept or cancel the action.



If a specific department is to be re-opened, then enter the value or else leave blank for all departments.



Ability to Deactivate a Department – User Document (16.14679)

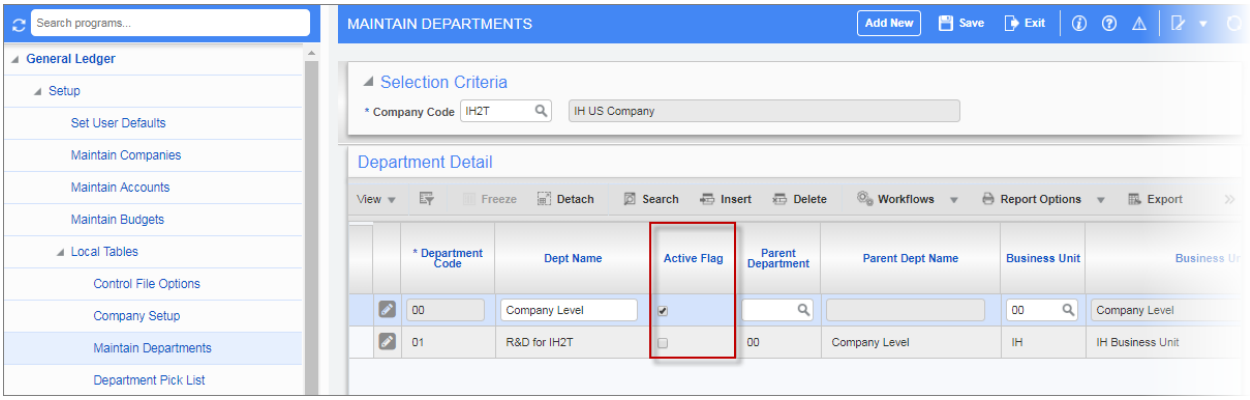
All examples and screenshots are from TESTV10_X environment.

Overview:

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):

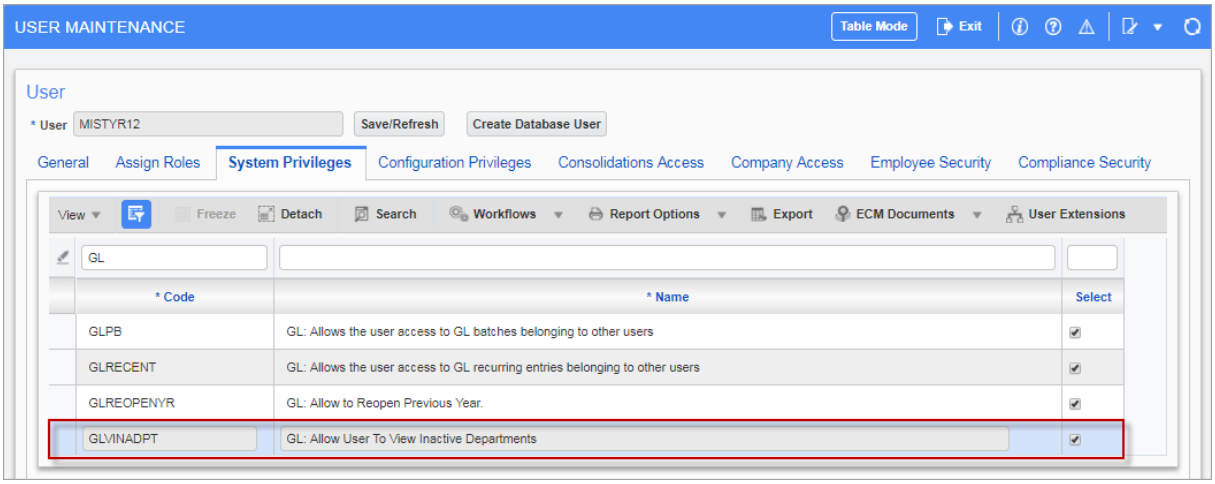


This program allows to change the status of a department by checking /unchecking the corresponding Active Flag; therefore, both active and inactive departments are visible for the users, *regardless* the user's privilege "View Inactive Department".

Settings and Examples:

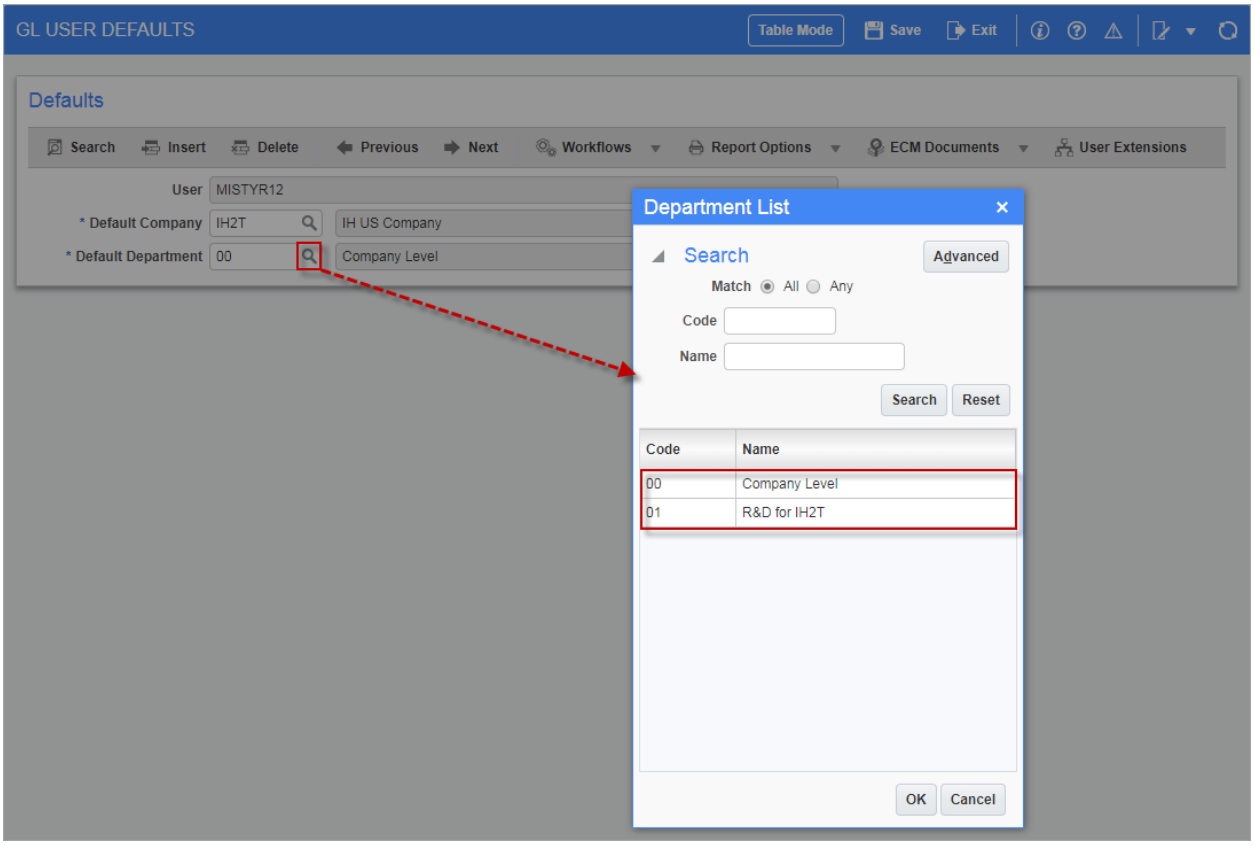
All examples below are using the settings above: there are only two department codes; the department code "00" is active and "01" is inactive.

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:

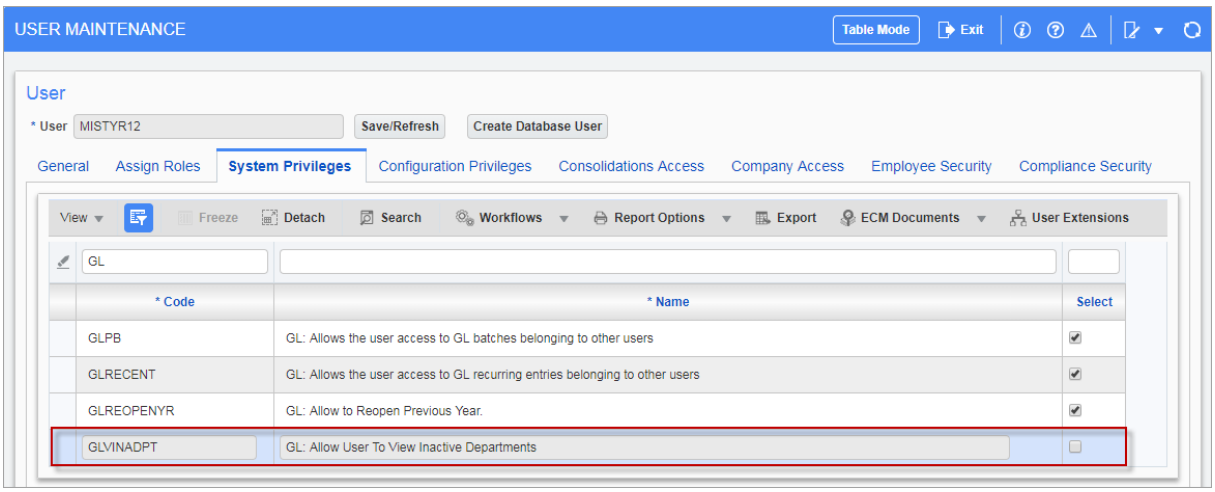
a. GL User Defaults screen (LOV for Default Department):



b. Account by Department screen (LOV for Dept Code):

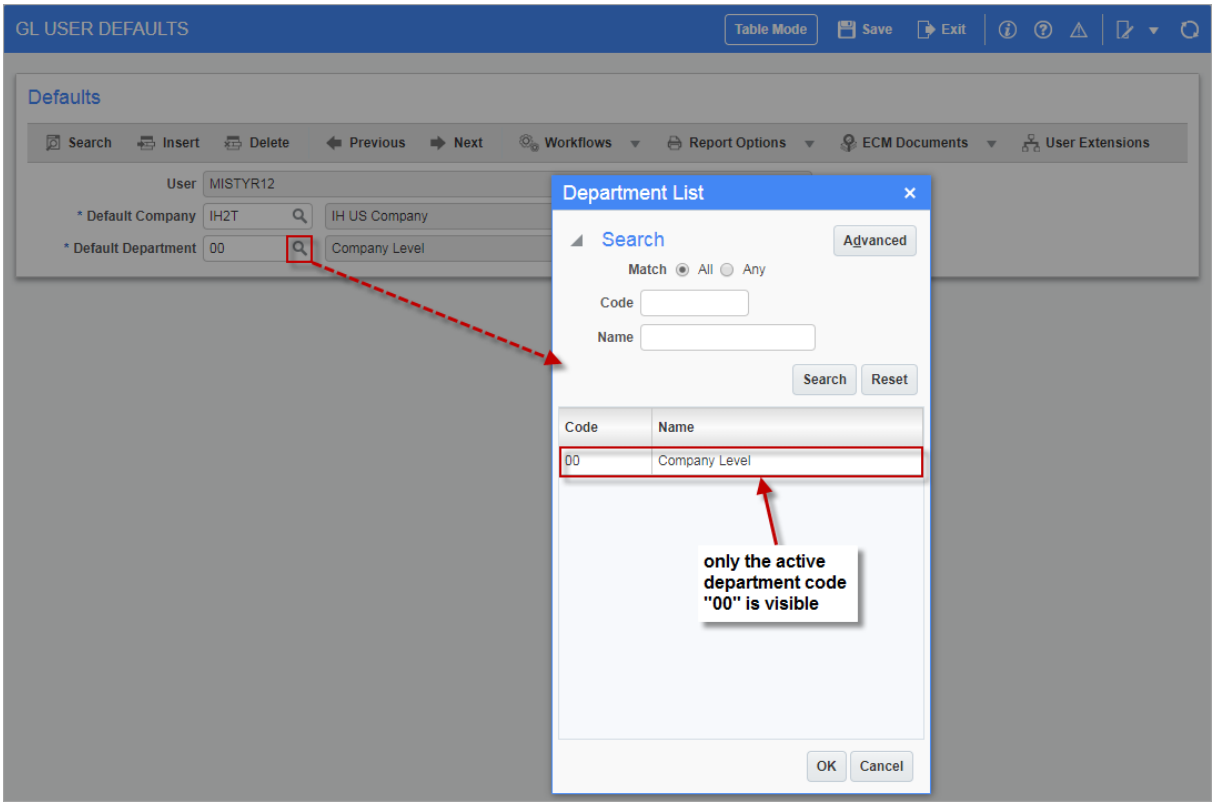
Note: The user will see the same Department List (both "00" and "01" codes) on all screens where department LOV exist.

Example 2: The user does not have the System Privilege GLVINADPT ("GL: Allow User To View Inactive Departments"):

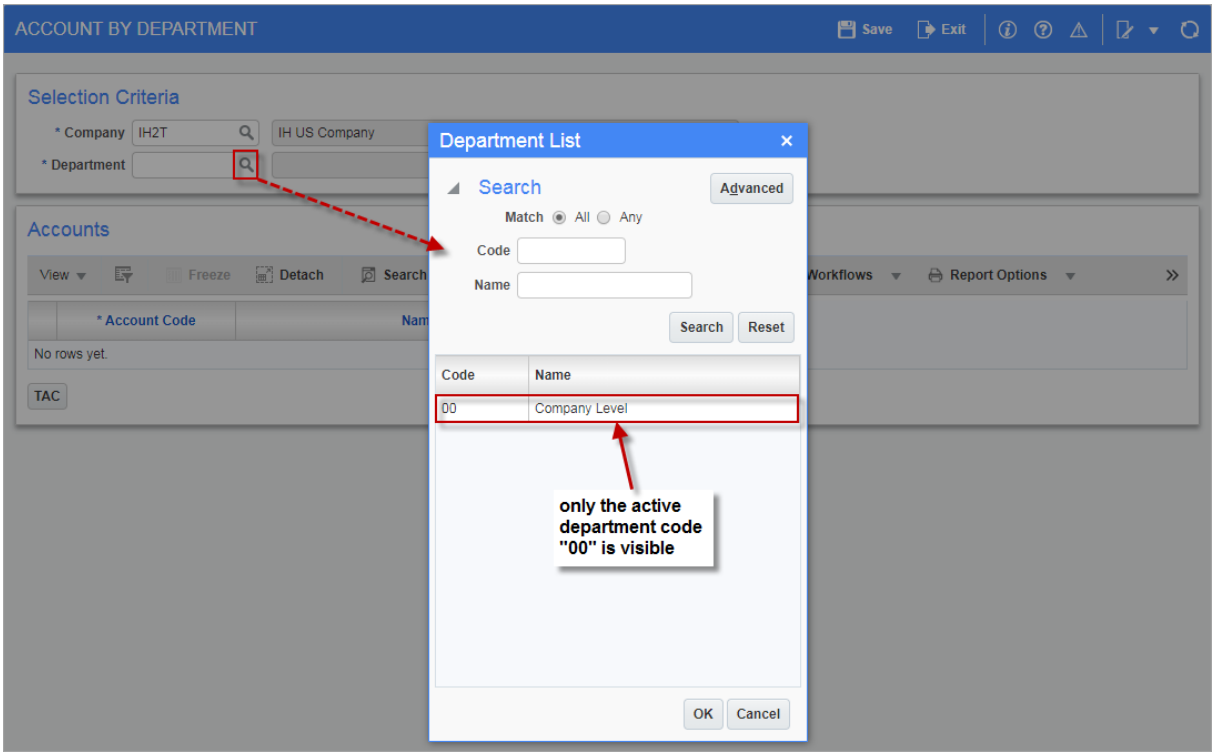


In this case the user should see only the department code "00" in the department LOVs. In order to demonstrate this, we would use the same screens as in the Example 1:

a. GL User Defaults screen (LOV for Default Department):



b. Account 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.

Ability to Allocate Different Percentage for Each Account in ‘Cost Pool Allocation’ (19.90824)

Ability to add different allocation percentage for each account in ‘Accumulate’ pop-up screen for ‘Cost Pool Allocation’.

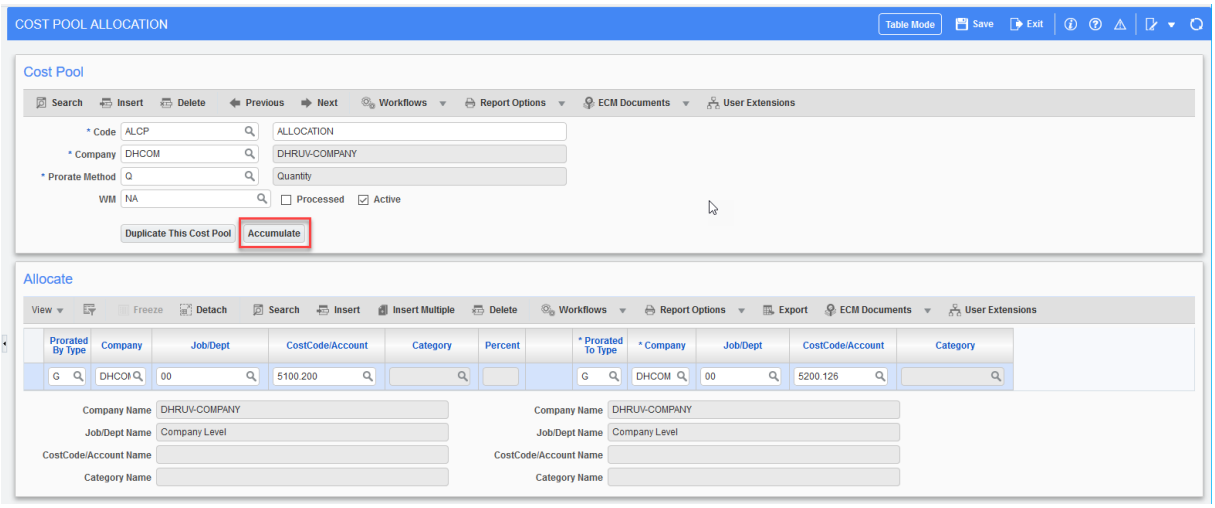
Modifications

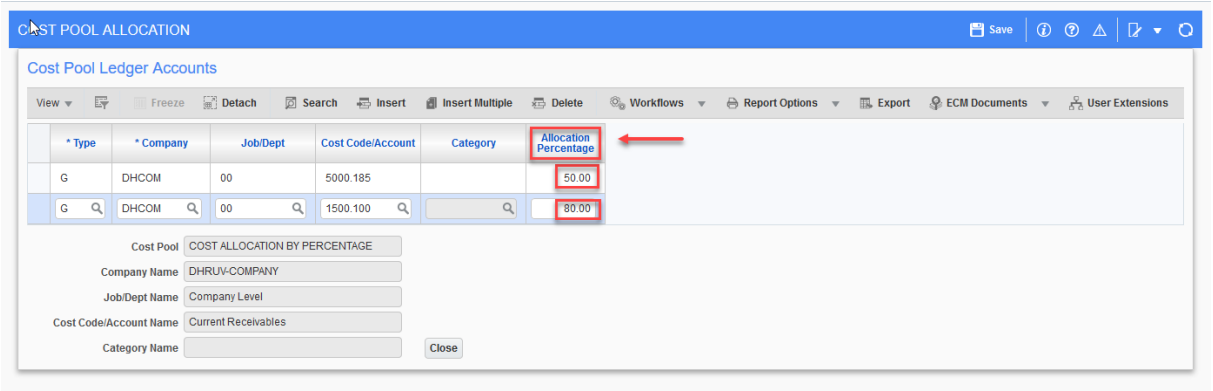
- Added a new field ‘Allocation Percentage’ in accumulated pop-up screen.
- Use Lite Editor to display the new hidden field ‘Allocation Percentage’.

- Total allocation will be calculated on the new Allocation Percentage for each account defined in the accumulated pop-up screen.

The following screen shows the modification performed

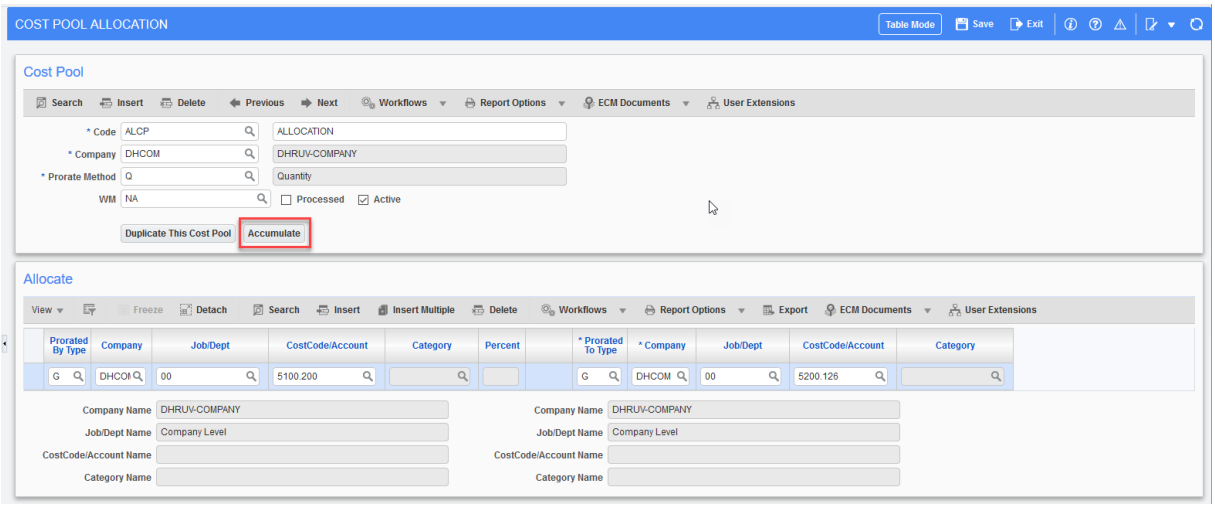
A new column added in 'Accumulated' pop-up screen. Allocation percentage can be mentioned to determine the amount to be calculated to prorate for each account. If allocation percentage is NULL, then it will be treated as 100%. 'Allocation Percentage' can be defined in the range of 0% - 100%.



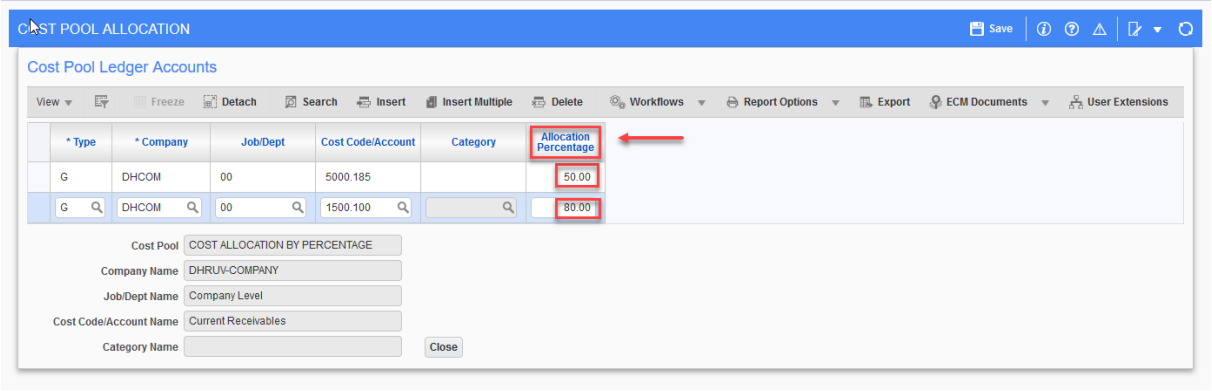


Examples:

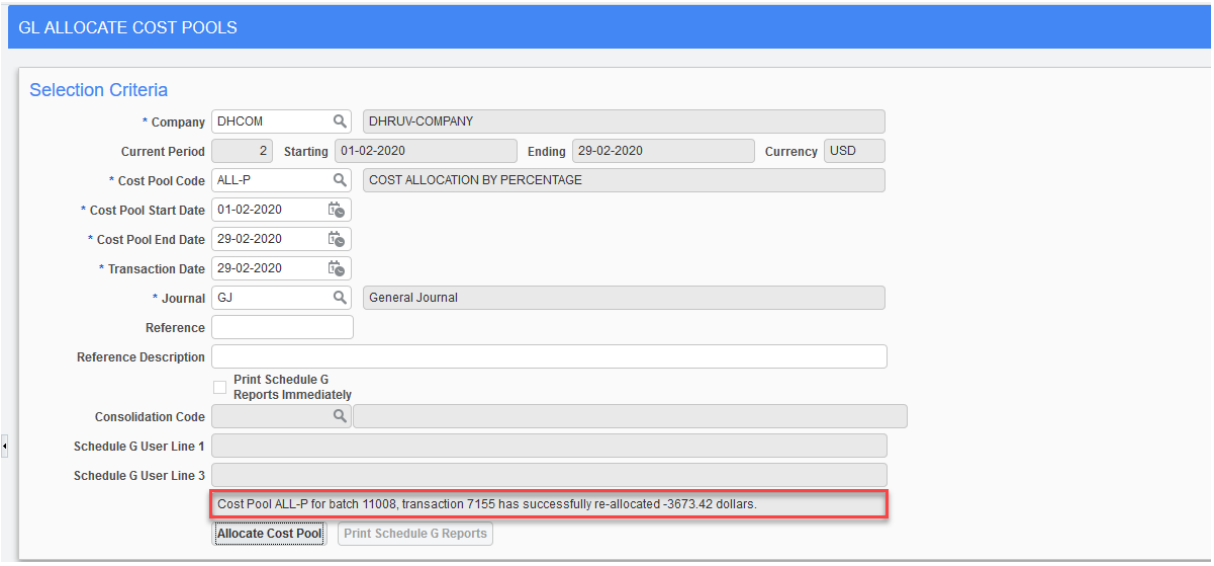
Cost Pool Allocation screen



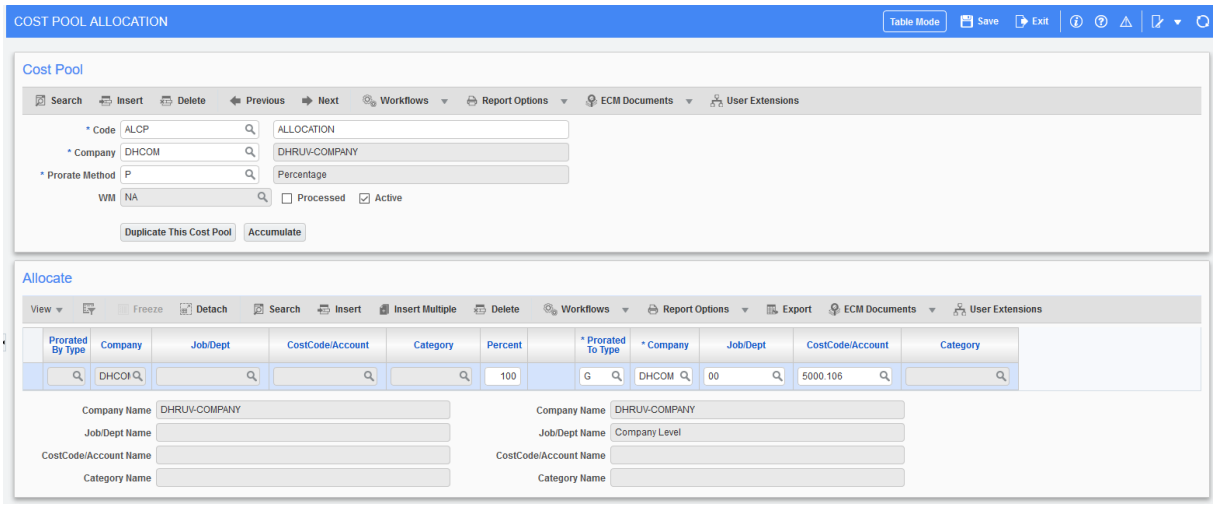
Accumulate pop-up screen

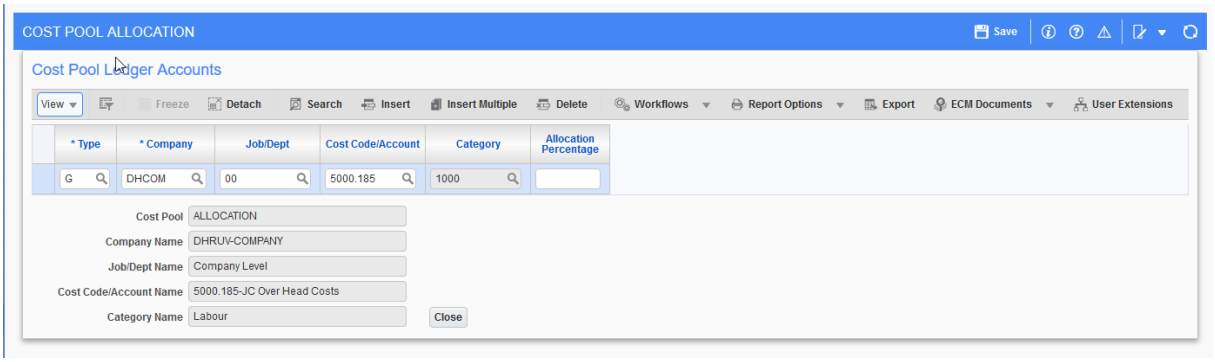


Allocating cost pool



Leaving the allocation percentage null

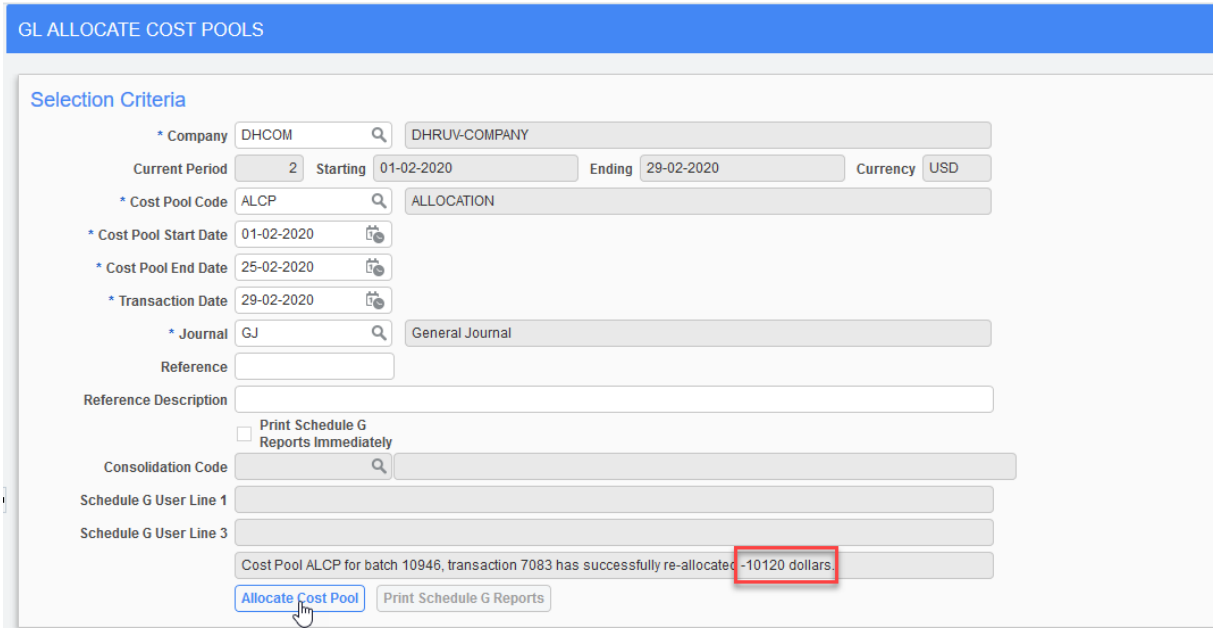




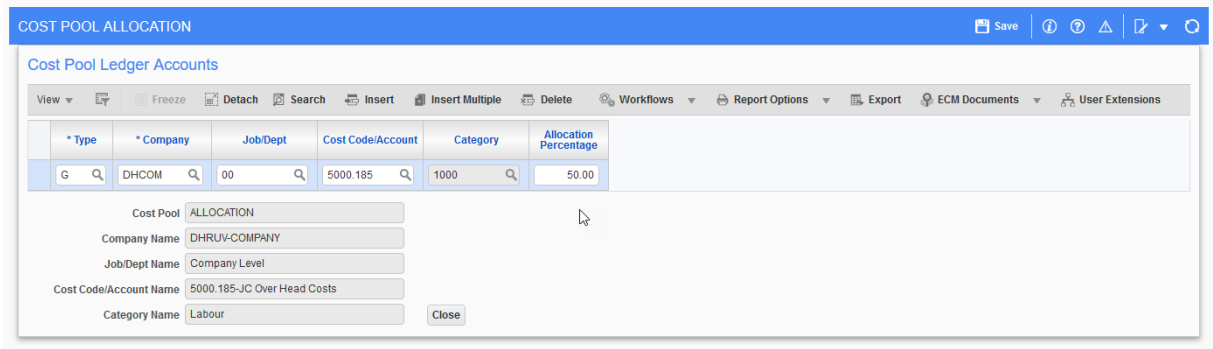
DHCOM - DHRUV-COMPANY
GENERAL LEDGER - G/L TRANSACTION DETAIL REPORT

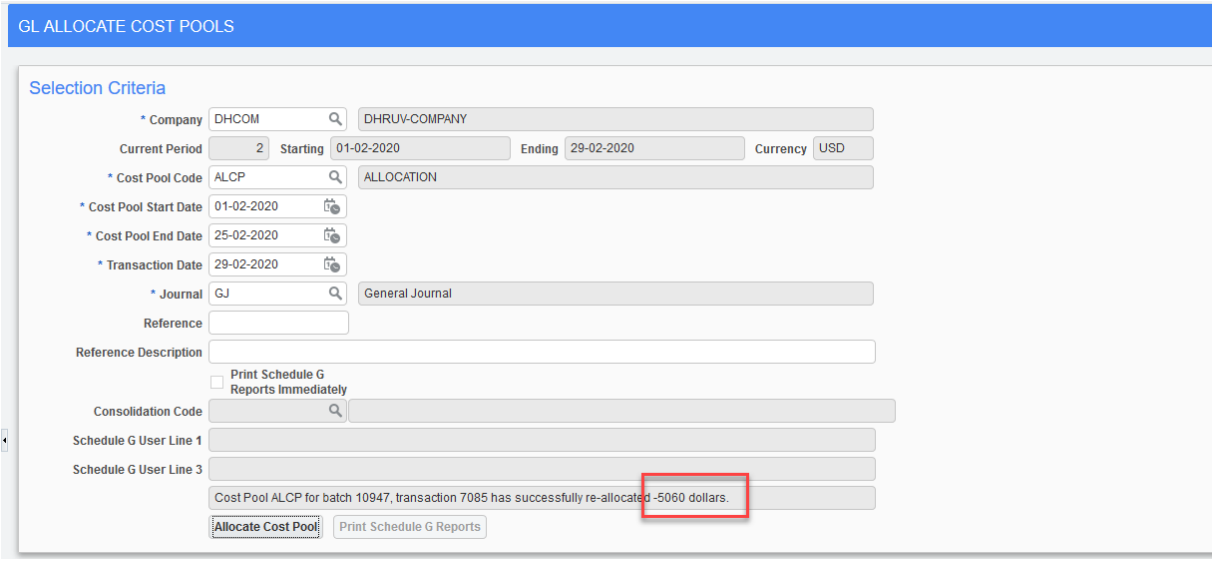
Page: 1 of 1
Date: Feb 25, 2020
Time: 1:18 PM EST

JR	Post Date	Batch	Debit	Credit	Source Code	Source Description	Ref. Code	Ref. Description	Ref. Date
Department 00 - Company Level									
5000.185		5000.185-JC Over Head Costs				Opening Balance	0.00	Closing Balance	-10,120.00
JC	18-02-2020	10493		20.00				oh 2 ADDED	18-02-2020
JC	18-02-2020	10493		10,000.00				OH cost added	18-02-2020
JC	24-02-2020	10780		100.00				OH TEST 2	24-02-2020
Total for period: 2020 - 2				10,120.00		Opening Balance	0.00	Closing Balance	-10,120.00
Total for Department: 00				10,120.00					
Grand Total:				10,120.00					



Allocation percentage 50%





Ability to Close Period for Individual Modules for Multiple Companies Simultaneously (19.86332)

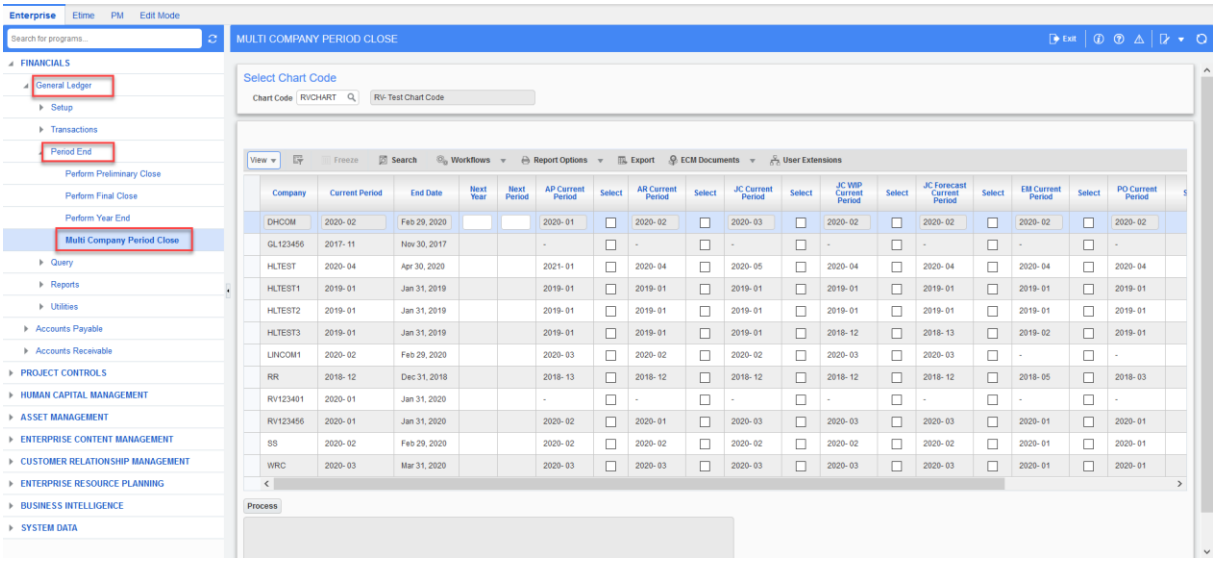
A new program 'Multi company Period Close' is added in GL which allows users to close period for individual modules for multiple companies simultaneously.

Modifications

General Ledger > Period End > Multi Company Period Close

Program added in GL > Period End > Multi Company Period Close

New program added: GL > Period End > Multi Company Period Close



Select Char Code: Enter the chart code.

This program allows user to close period of multiple companies and different module simultaneously.

Next Year: Enterable field, enter the next fiscal year for the company or module.

Next Period: Enterable field, enter the next period for the company or module. This should be a valid period in period table.

Year-end procedures are not incorporated – user must manually perform year-end using Perform Year End program.

GL period cannot be closed individually for any company. GL period (Company current period) should be in sync with period of all modules and must be closed along with all the modules.

Modules current period can revert till Company Current Period

Period cannot be changed to a GL Period which is already closed

AP, AR period cannot close if unposted batch exist in the period

GL period of a company will be closed when following requirements are met:

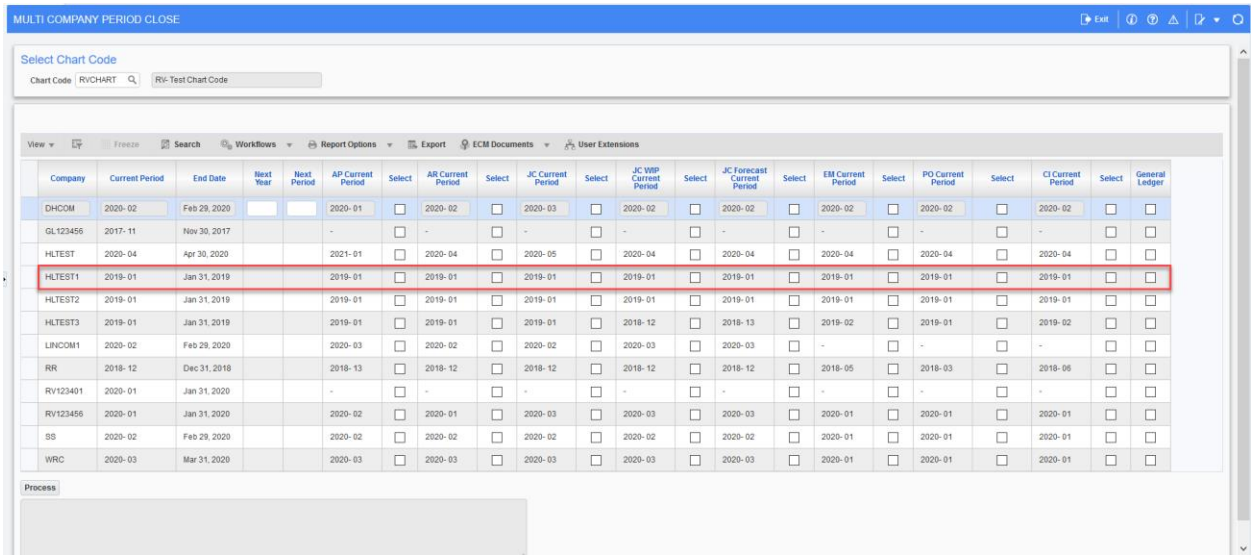
All the modules should be in same period as of company current period

All modules checkbox should be selected and processed along with the GL

Note: Only GL period of a company cannot be updated

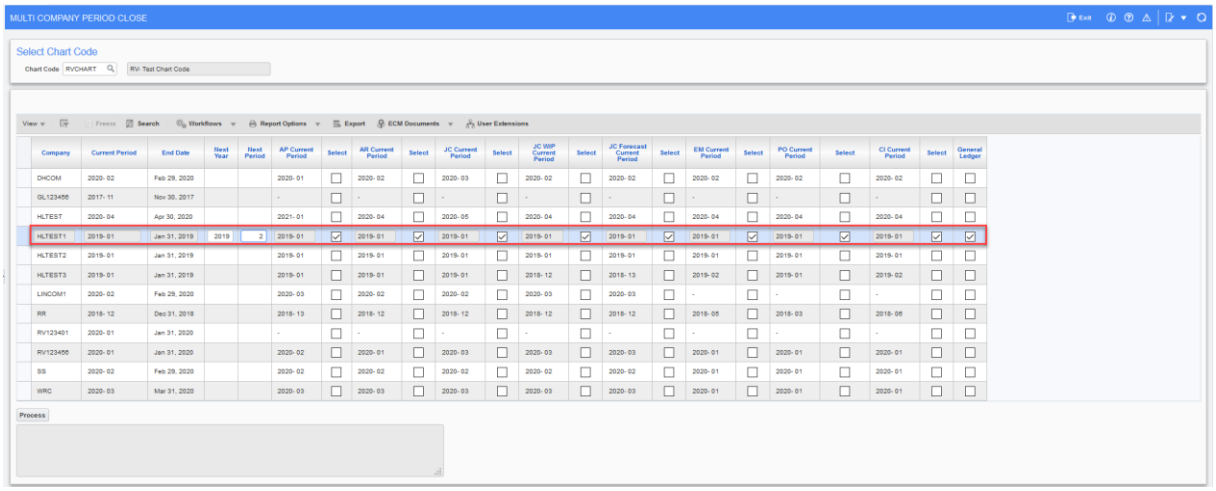
Implementation

To change the GL period of HLTEST1:



GL > Period End > Multi Company Period Close

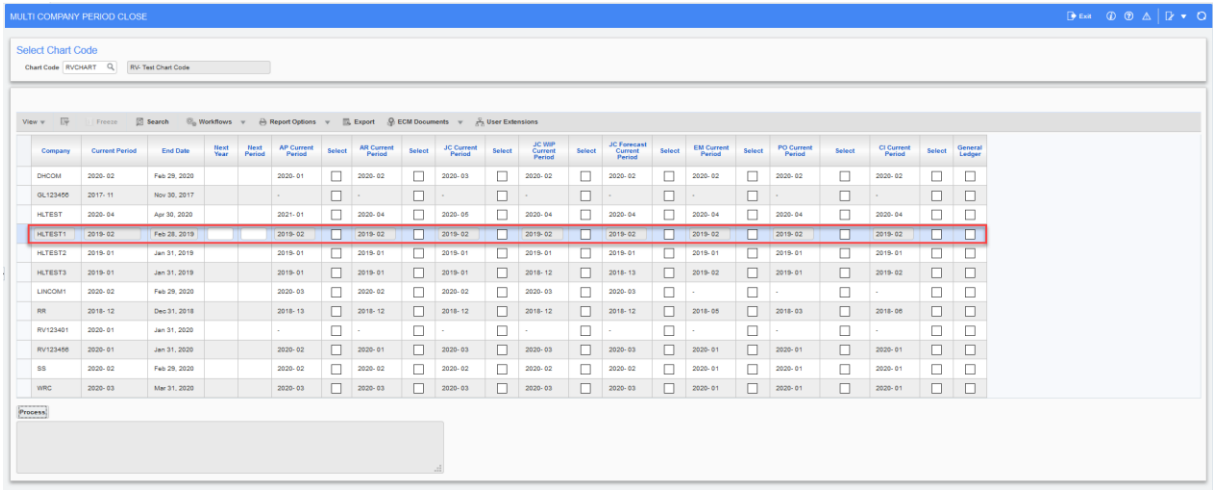
Select all the checkboxes and enter valid Next Period and Year.



GL > Period End > Multi Company Period Close

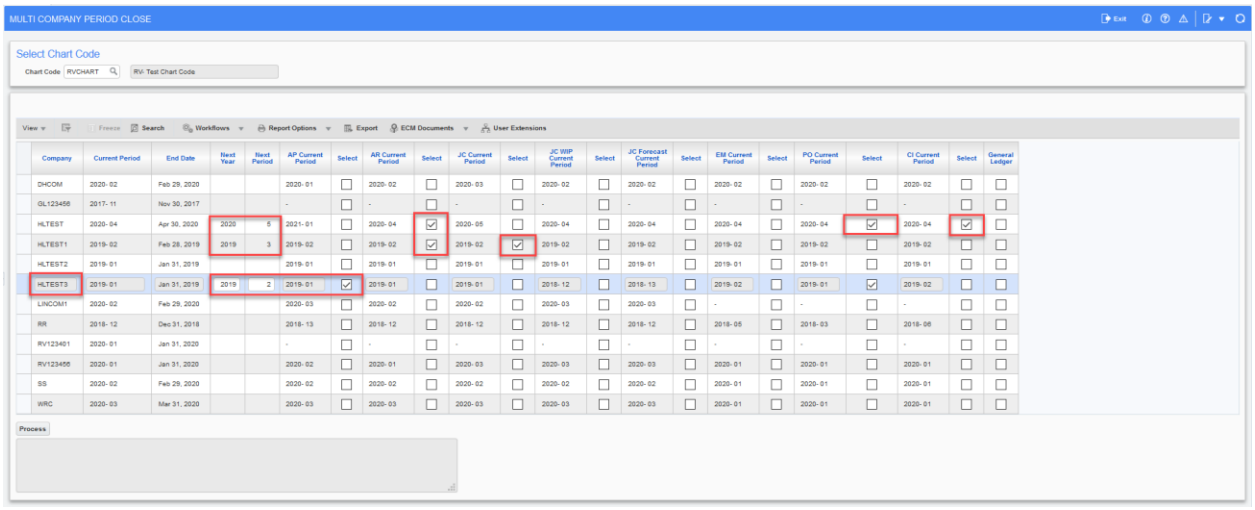
Click on Process.

Period of all the modules and company GL period changed successfully.



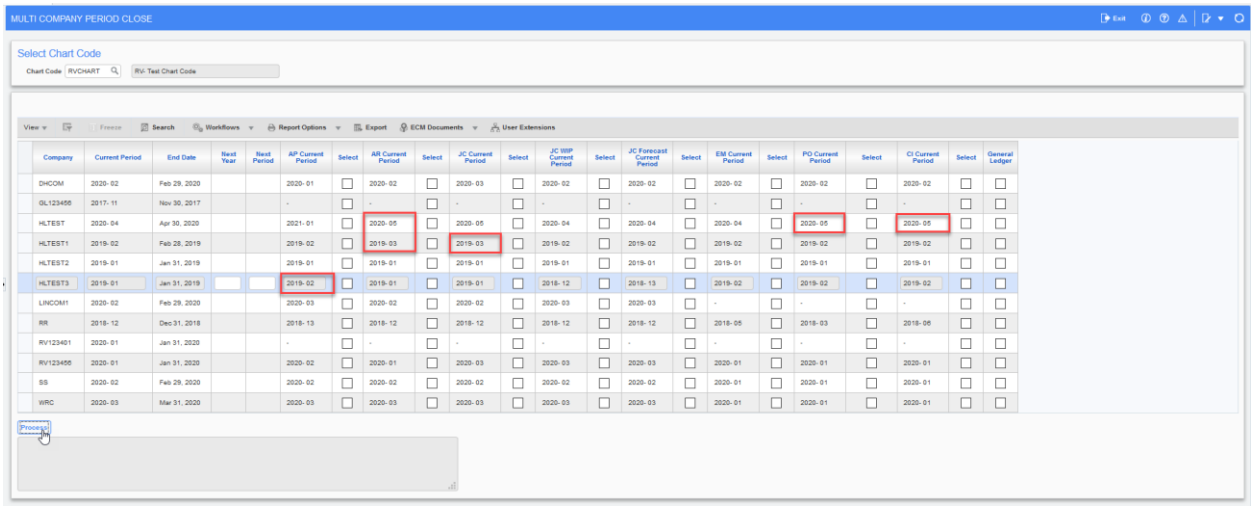
GL > Period End > Multi Company Period Close

Multiple Company period change



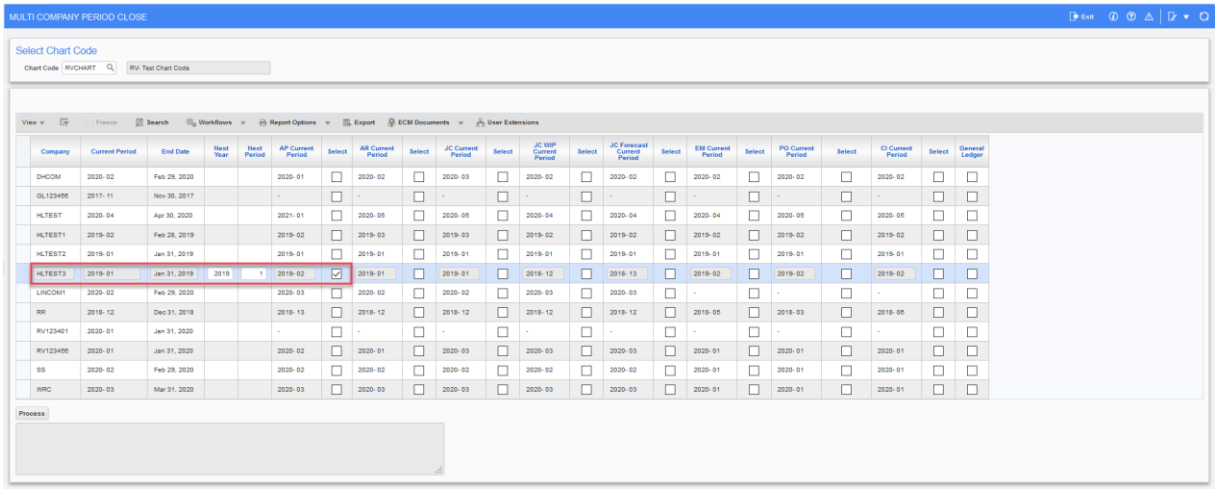
GL > Period End > Multi Company Period Close

Click on [**Process**] to change the company period.



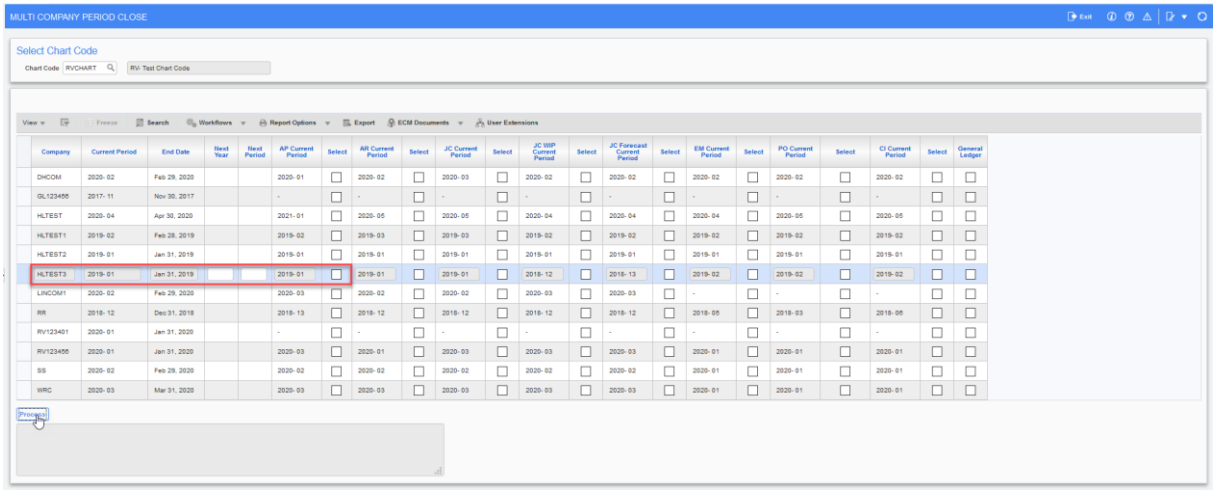
GL > Period End > Multi Company Period Close

Multiple modules period closed. Period of a module can be reopened till the current period of company.



GL > Period End > Multi Company Period Close

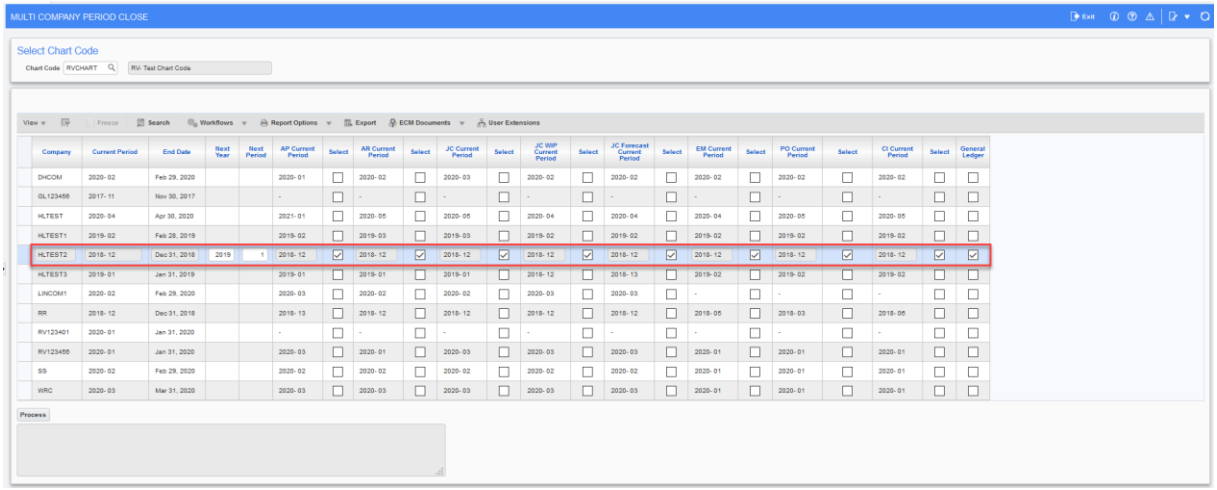
AP Period of HLTEST3 company – reverting to 2019-01 period

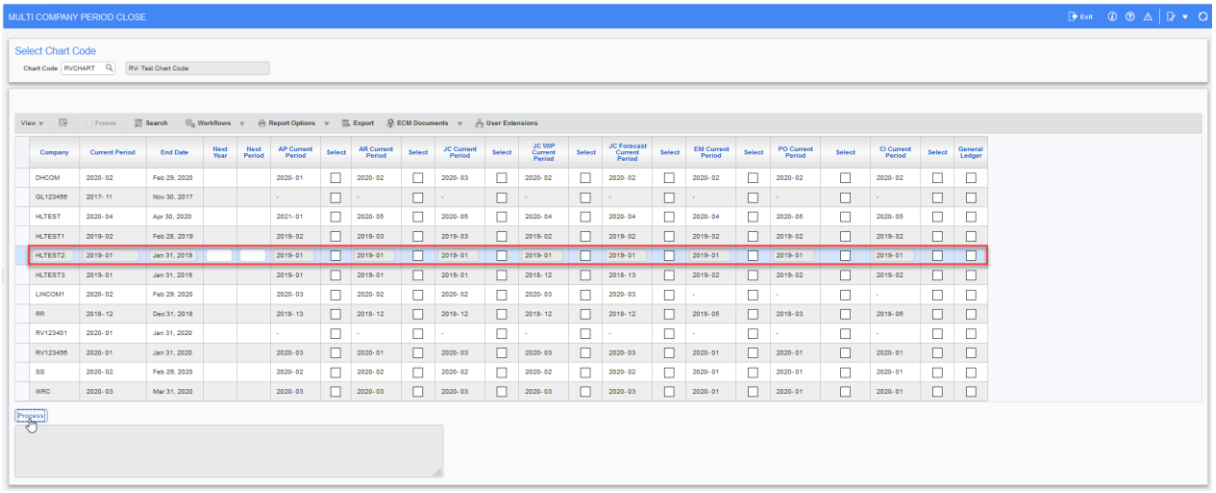


GL > Period End > Multi Company Period Close

AP Period changed to previous period successfully.

Closing period 12 for a company (year-end)



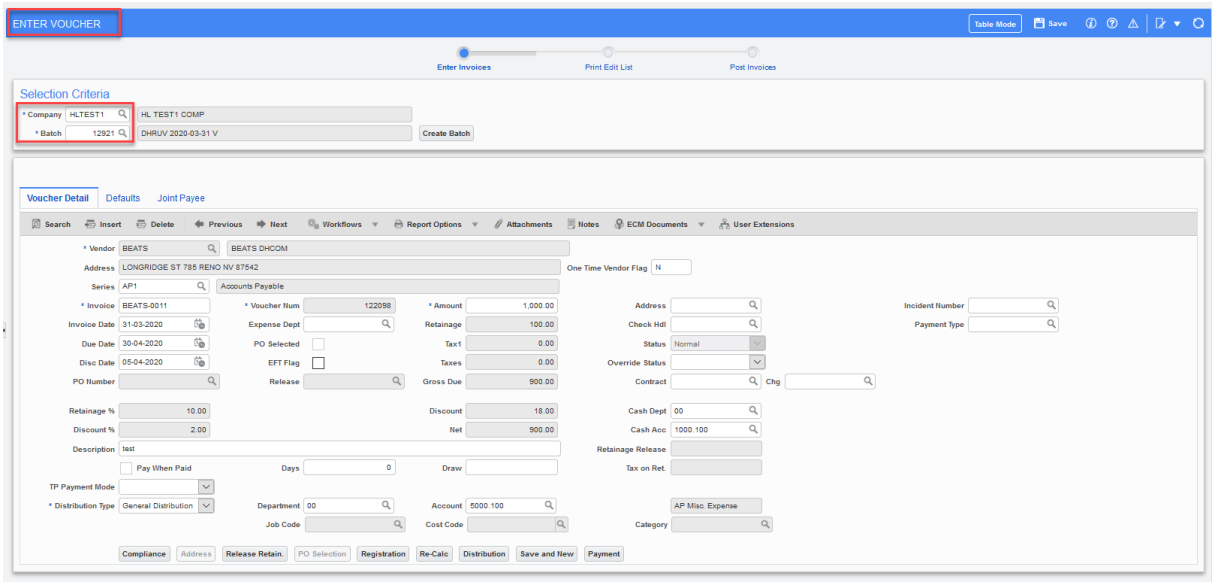


Company period and all modules period changed to next fiscal year and 1st period successfully.

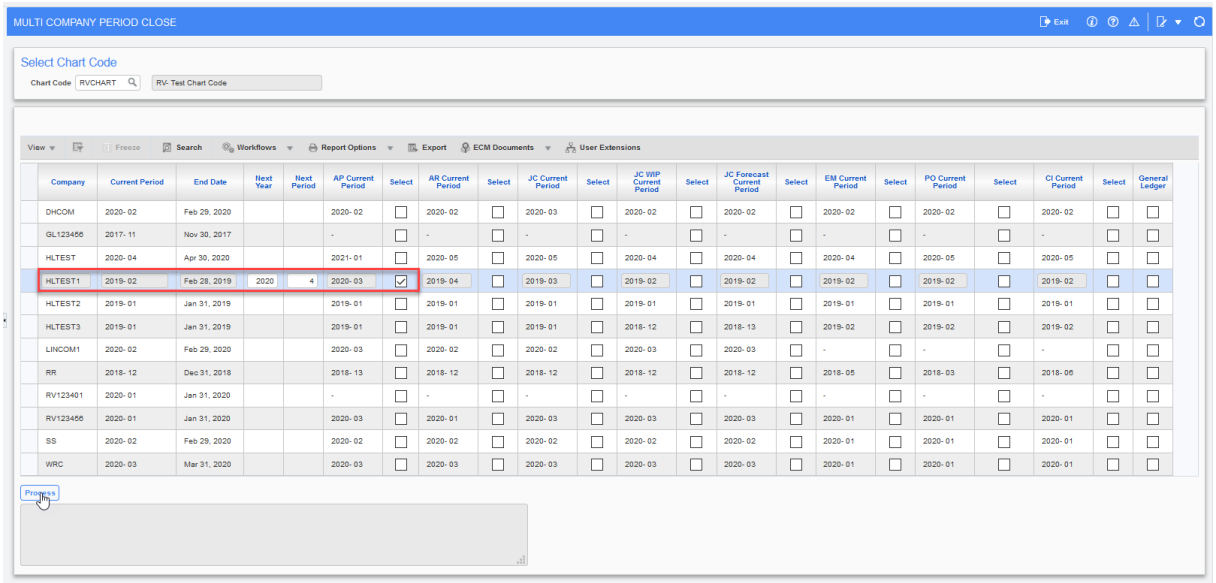
NOTE: To perform Year-end procedure, user must manually perform year-end procedure in GL > Period > Perform Year End.

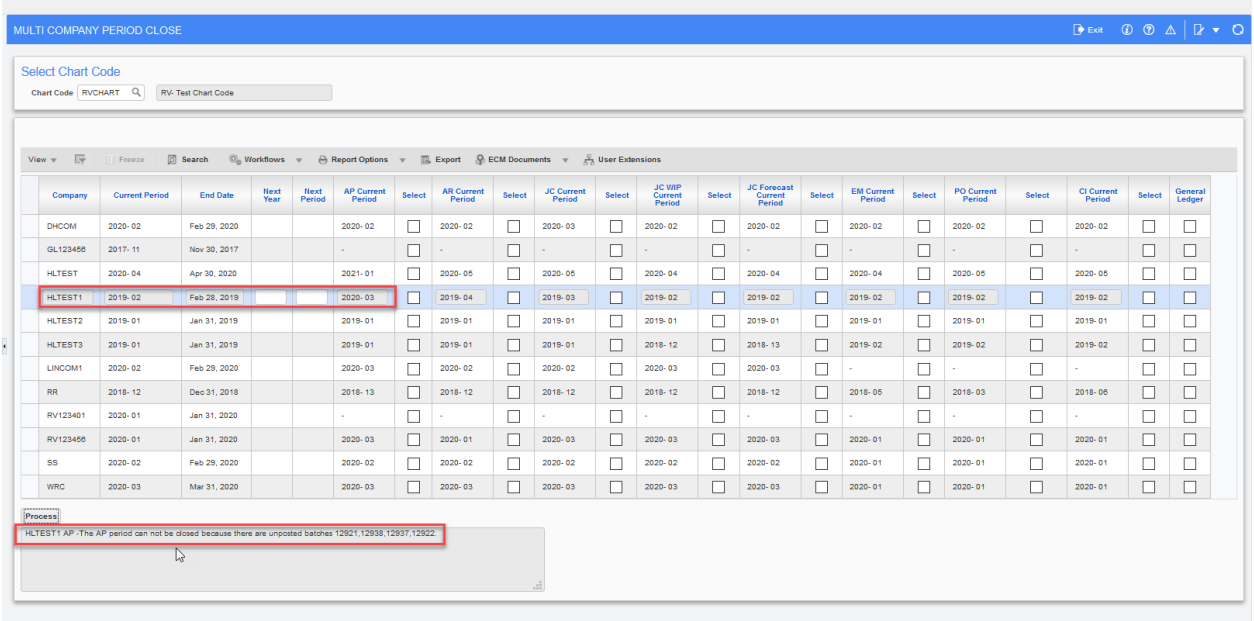
Module period cannot be closed if unposted batch exists for current period.

Unposted batch in AP for HLTEST1.



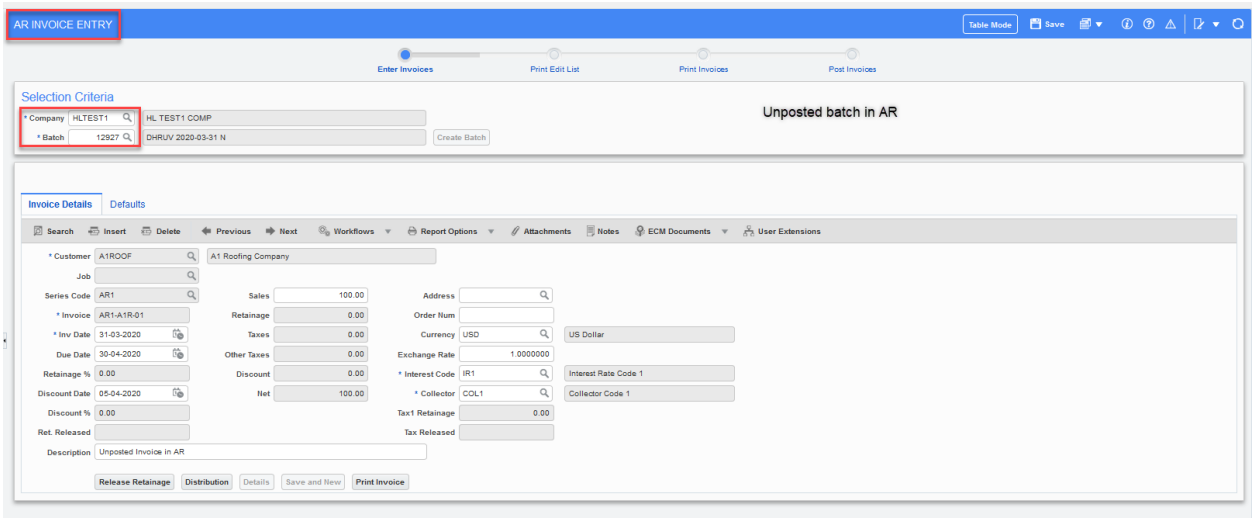
Changing period of AP in Multi Company Period Close.



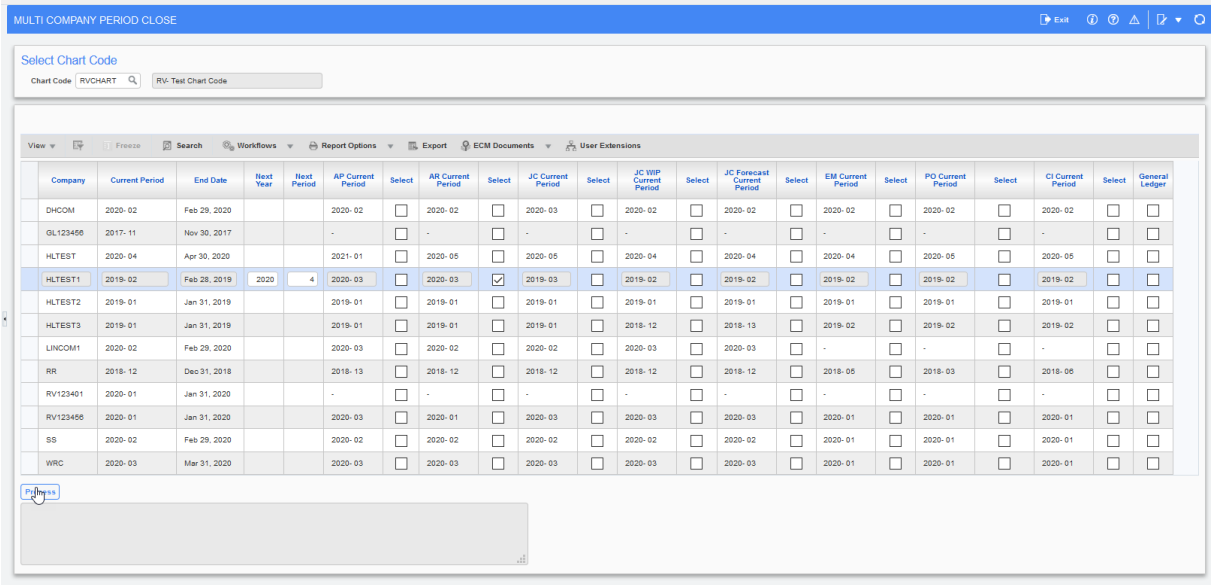


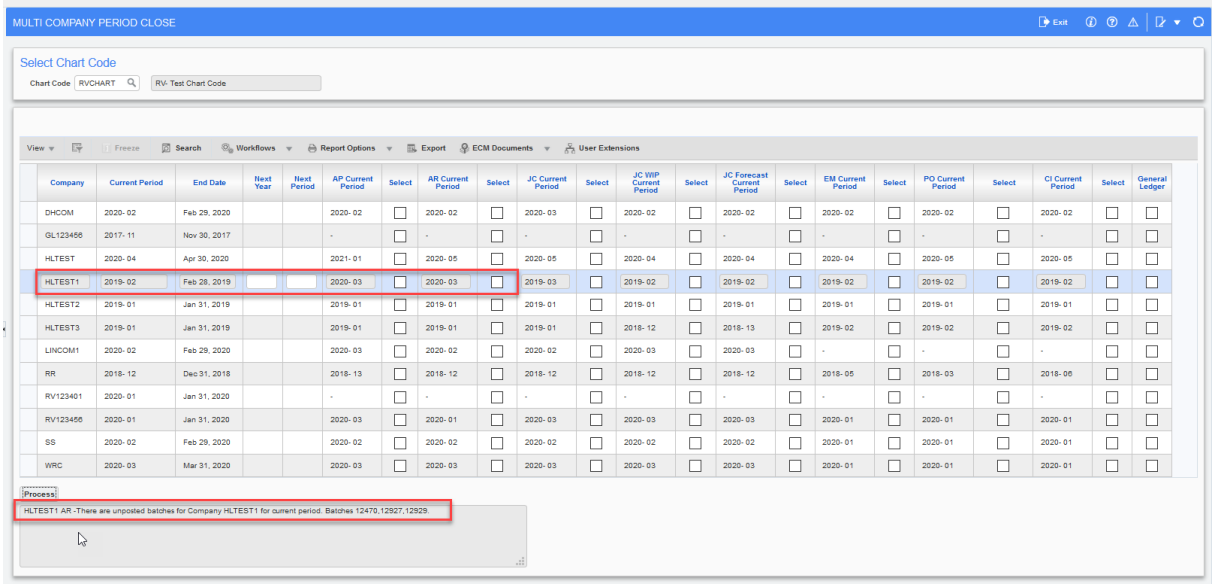
Alert message is shown if unposted batch exist in AP Current Period.

Accounts Receivable



Closing current AR period in Multi Company Period Close.





Alert message is shown if there are unposted batch in AR Current Period.

Ability to Process Multiple Cost Pool Using Pick List (19.90825)

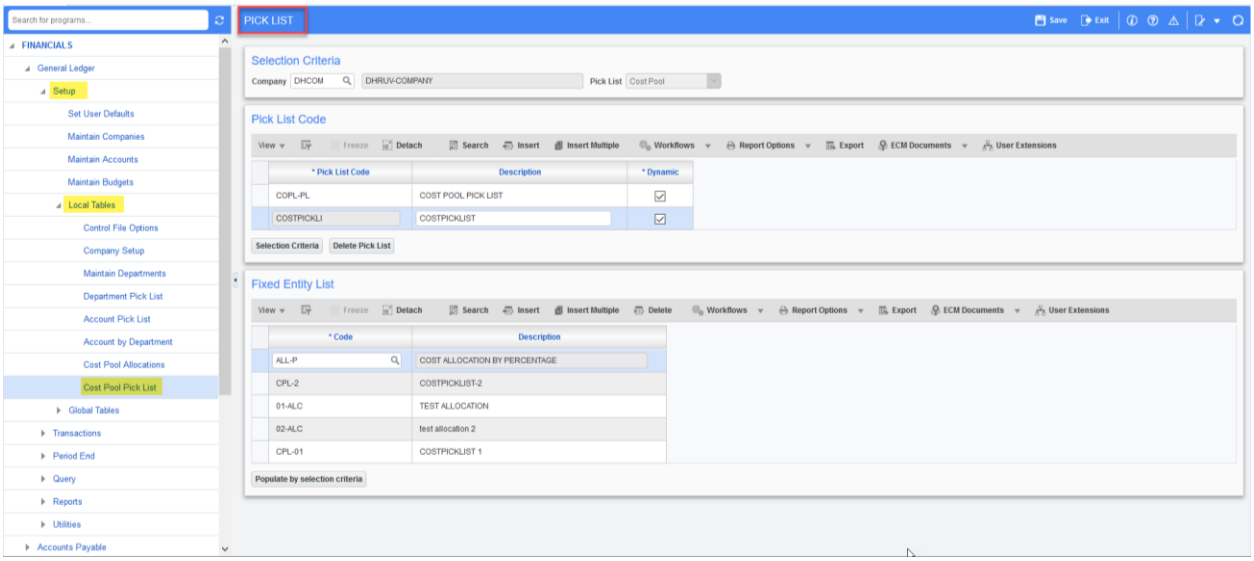
Ability to process multiple cost pool using pick list.

Modifications

Added new program in GL > Setup > Local Tables: ‘Cost Pool Pick List’.

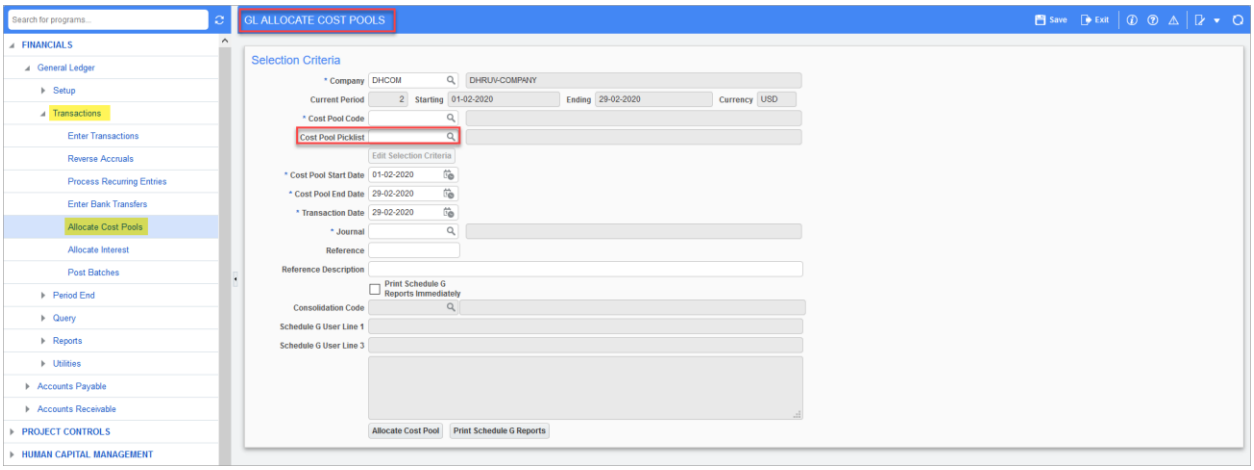
New field is added in GL > Transaction > Allocate Cost Pool: ‘Cost Pool Pick List’.

The following screen shows the modification performed.



General Ledger > Setup > Local Tables > Cost Pool Pick List

'Cost Pool Pick List' program will allow user to create a pick list for cost pool.



Pick List Code – Section

This section is used to create pick lists. Use the Pick List Code and Description fields to enter a code and description for a pick list.

If the pick list being defined is to be dynamic, meaning that cost pools are added based on the specified criteria when the pick list is used (including any new ones), then check the 'Dynamic' checkbox.

To enter the selection criteria for creating a dynamic list, use the [**Selection Criteria**] button. If the list is small and not required to be dynamic, move directly to the Fixed Entity List section to manually enter the required cost pools for the pick list being defined.

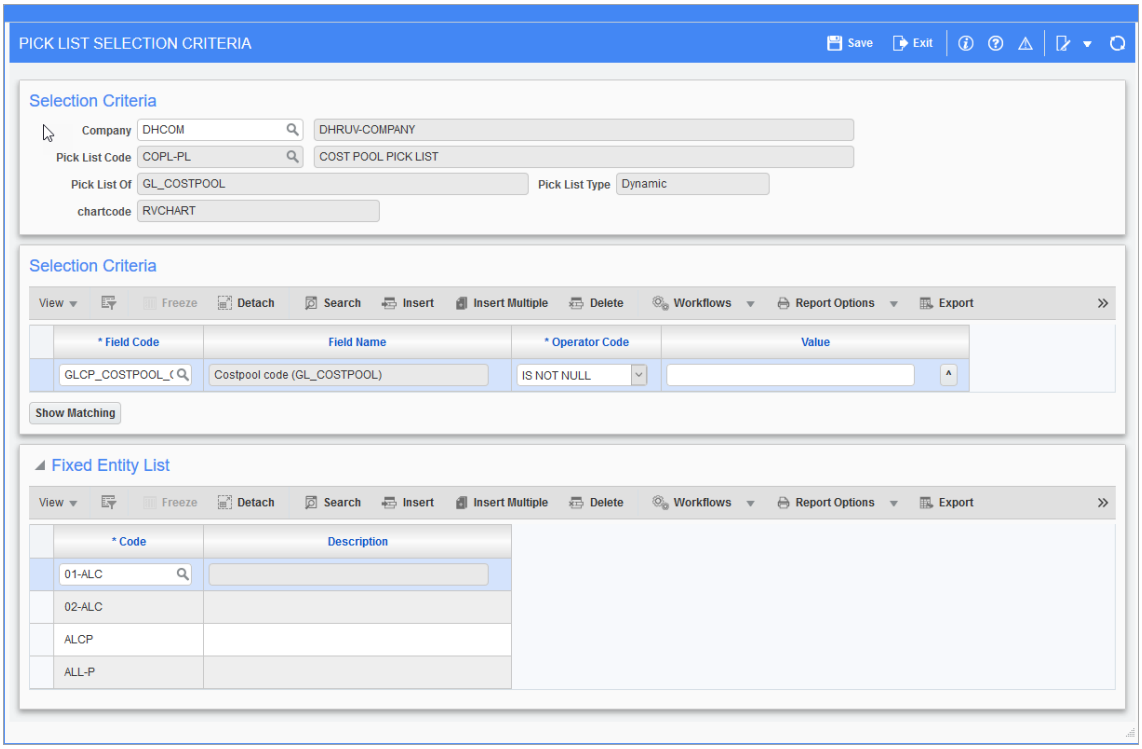
Dynamic – Checkbox

If the pick list being entered is to be dynamic, meaning that each time it is used, the module will re-create the list, ensuring that any new cost pool that match the entered criteria will be captured

in the list, check this box. If this box is unchecked, the list is to be static, meaning the module will not recreate the list each time it is used, and the cost pool in the list are manually entered in the Fixed Entry List section.

NOTE: If the list is dynamic, it is possible to still use the Fixed Entity List section to append cost pools to the cost pool selected by the selection criteria.

[Selection Criteria] – Button



Pgm: SDPICKR – Selection Criteria

This button's Pick List Selection Criteria pop-up window is used to build a pick list of cost pool based on the selection criteria lines specified in the second Selection Criteria section. All cost pools satisfying the specified criteria lines will be added to the pick list.

In the second Selection Criteria section, use the Field Code field to select a cost pool record's field to use to create a selection criteria line for finding the desired departments to add to the pick list. Only one field code is available for Cost Pool Pick List.

Use the Operator Code field to select the required comparison operator for the selection criteria line.

The Value field is used to enter the value to compare against the selected department record's field:

If the selected comparison operator is "=", the Value field's value needs to be literal.

If the "Like" operator is selected, use the % wildcard in the Value field (e.g., %23%).

If the "In" operator is selected, enter literal values in the Value field separated by commas.

To view the results of the selection, press the [**Show Matching**] button.

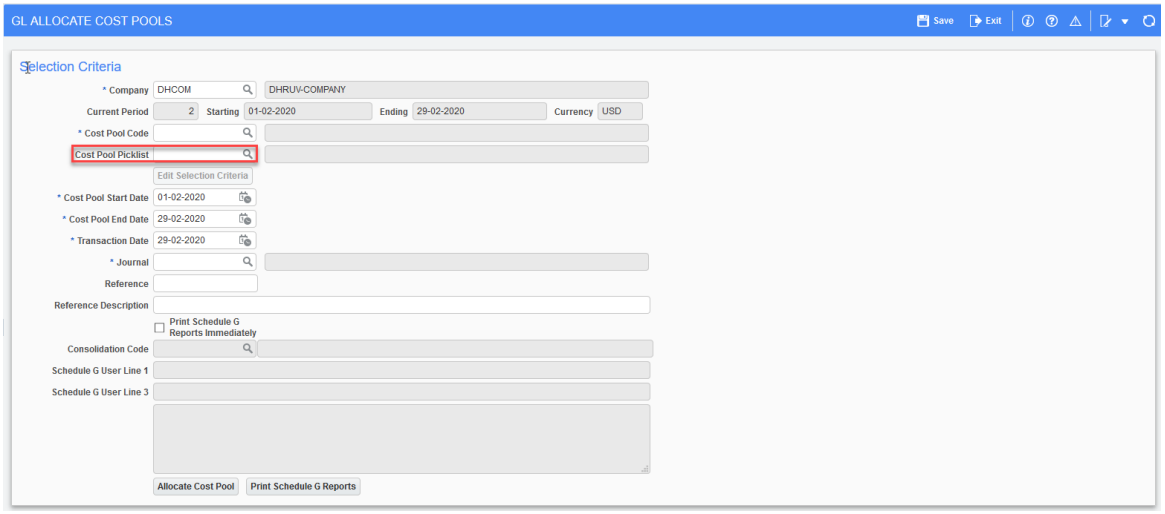
[Delete Pick List] – Button

Select a pick list using the selection area and click on the [Delete Pick List] button to delete the pick list.

Fixed Entity List – Section

This section is used to manually enter the required cost pool for a fixed pick list. It is also used to enter cost pool to append to a dynamic pick list of cost pools.

Example:



General Ledger > Transaction > Allocate Cost Pool

To process a cost pool pick list, select the new field ‘Cost Pool Pick List’ in the ‘Allocate Cost Pool’ program.

All the cost pool in the cost pool pick list are processed together and allocated.

Period End Unrealized Foreign Currency Gain/Loss Posting (19.90246) – Beta Version

A new program ‘Accrue Unrealized FX Gain/Loss’ is added to GL>Utilities menu.

This is to identify all open AP Vouchers & AR Invoices with the transaction currency being different from the Company currency, calculate the currency Gain/Loss on the outstanding amounts, and post as GL accrual transactions.

To print an edit list and posting reports of ‘Unrealized FX Gain/Loss’ transactions.

This program is added under the GL>Utilities menu in the CMIC standard tree view.

Modifications:

Created a program to generate accrual transactions for unrealized foreign exchange Gain/Loss amounts on ALL ‘open’ AP Vouchers and AR Invoices and then post.

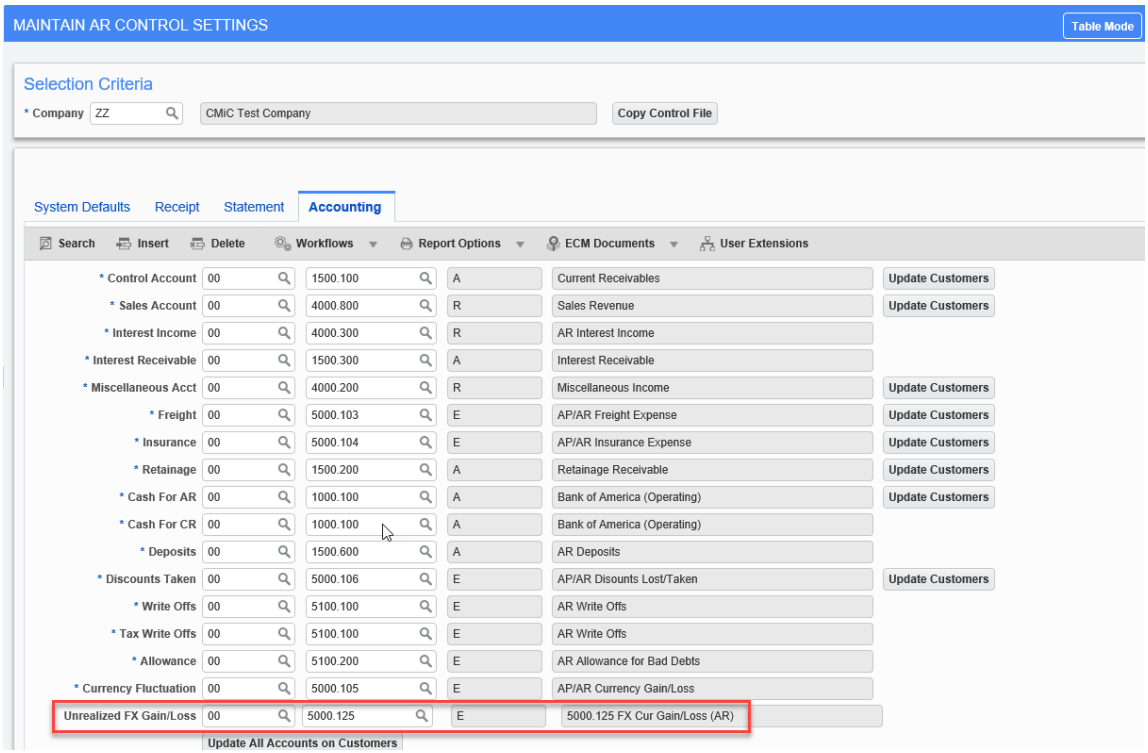
- Added AP Control > Accounting > Unrealized FX Gain/Loss Account Field.
- Added AR Control > Accounting > Unrealized FX Gain/Loss Account Field.
- Added a Program to the Menu > GL > Utilities > Accrue Unrealized FX Gain/Losses.

- Added a Program Train ‘Accrue Un-Realized FX GAIN/LOSS’, with the following programs:
  - Create Transactions
  - Print Edit List
  - Post Transactions

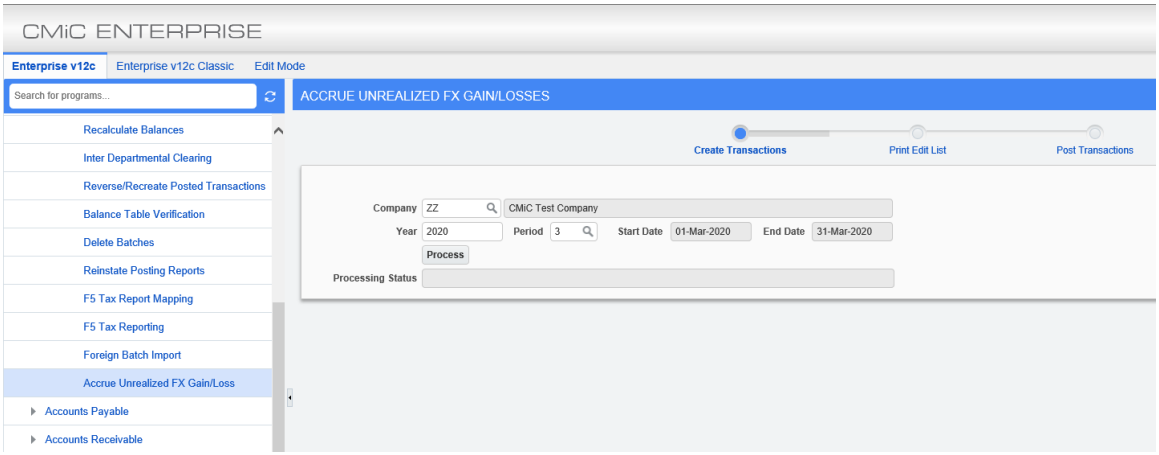
Important Notes:

- Since this is an accrual posting, users must perform this as a month end (End of GL Period) task.
- This must be performed only once at the end of each period, to avoid the risk of accruals posted multiple times.
- The Generated Transactions will be posted as ‘Accrual’ transactions. (Accrual flag set as ‘Y’).
- Accrual reversals can be performed either manually or automatically with the GL Control flag for automatic reversal checked as ‘Y’.
- The postings will be one set of GL Entries for AP Gain/Loss and another set for AR Gain/Loss for each currency with open voucher/invoices.
- The GL Transaction postings are summed up amounts per currency.
- The unrealized FX Gain/Loss accruals will be posted in GL, to the AP/AR Control Currency Gain/Loss accounts. The posting will be exactly as the actual posting of Currency Gain/Loss would take place. The newly created accrual accounts will be used as off-set accounts for these accruals.

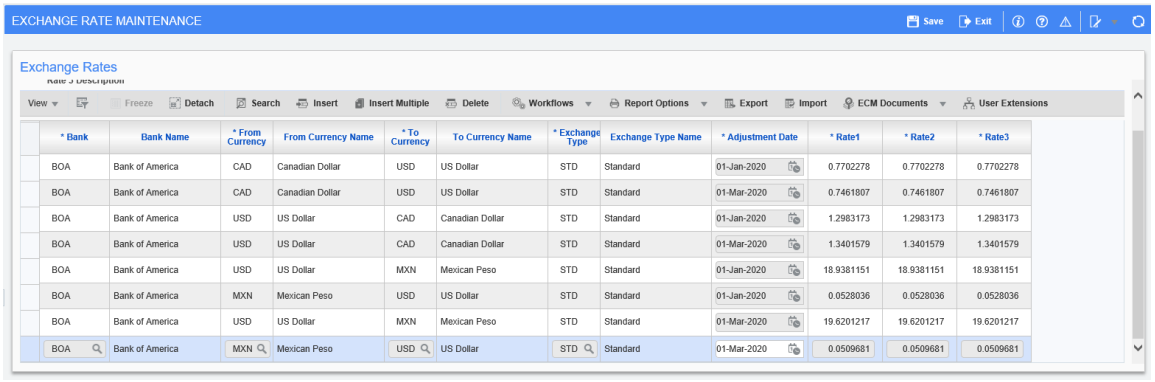
Programs and Changes:



Accrue unrealized FX Gain/Loss:



Accrual Processing Example with distribution: Exchange Rate Setup:



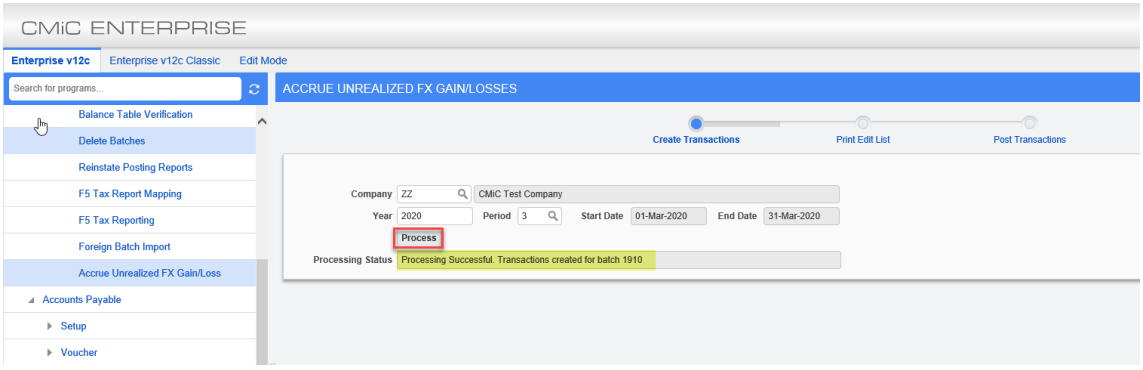
* Bank	Bank Name	* From Currency	From Currency Name	* To Currency	To Currency Name	* Exchange Type	Exchange Type Name	* Adjustment Date	* Rate1	* Rate2	* Rate3
BOA	Bank of America	CAD	Canadian Dollar	USD	US Dollar	STD	Standard	01-Jan-2020	0.7702278	0.7702278	0.7702278
BOA	Bank of America	CAD	Canadian Dollar	USD	US Dollar	STD	Standard	01-Mar-2020	0.7461807	0.7461807	0.7461807
BOA	Bank of America	USD	US Dollar	CAD	Canadian Dollar	STD	Standard	01-Jan-2020	1.2983173	1.2983173	1.2983173
BOA	Bank of America	USD	US Dollar	CAD	Canadian Dollar	STD	Standard	01-Mar-2020	1.3401579	1.3401579	1.3401579
BOA	Bank of America	USD	US Dollar	MXN	Mexican Peso	STD	Standard	01-Jan-2020	18.9381151	18.9381151	18.9381151
BOA	Bank of America	MXN	Mexican Peso	USD	US Dollar	STD	Standard	01-Jan-2020	0.0528036	0.0528036	0.0528036
BOA	Bank of America	USD	US Dollar	MXN	Mexican Peso	STD	Standard	01-Mar-2020	19.6201217	19.6201217	19.6201217
BOA	Bank of America	MXN	Mexican Peso	USD	US Dollar	STD	Standard	01-Mar-2020	0.0509681	0.0509681	0.0509681

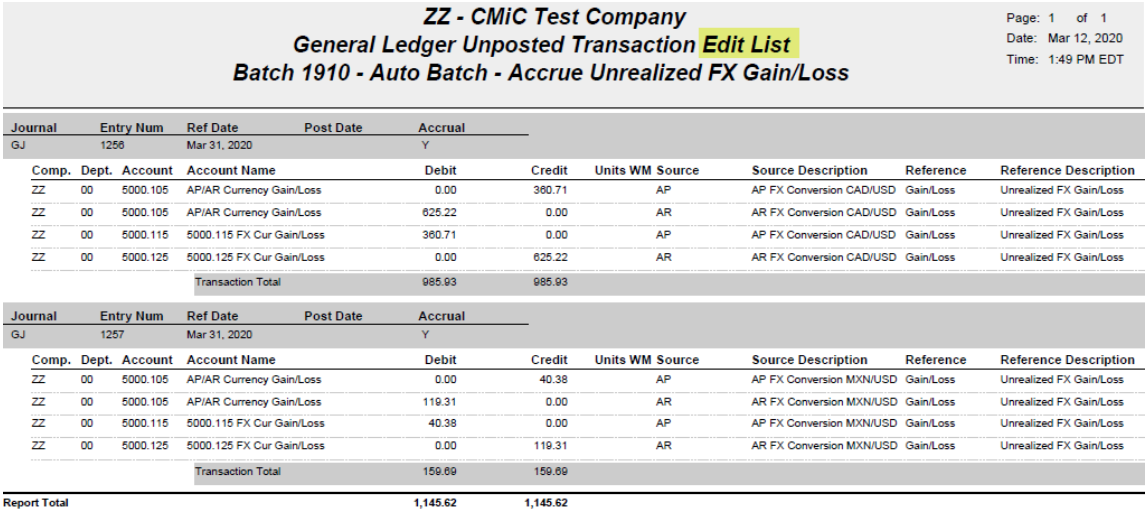
AP / AR Voucher/Invoice Posting:

Comp	Business Partner Type	BP Code	Curr	Invoice#	AP/AR Invoice Posting	Amount	Currency Conversion	Exchange Rate
ZZ	Vendor	BP7777	CAD	BP7777-11	January 1, 2020	10000.00	CAD to USD	0.7702278
ZZ	Vendor	BP7777	CAD	BP7777-12	January 1, 2020	18000.00	CAD to USD	0.7702278
ZZ	Vendor	LENOVO	MXN	LENOVO-11	January 1, 2020	25000.00	MXN to USD	0.0528036
ZZ	Vendor	LENOVO	MXN	LENOVO-12	January 1, 2020	20000.00	MXN to USD	0.0528036
ZZ	Customer	CANCOM	CAD	AR000016	January 1, 2020	45000.00	CAD to USD	0.7702278
ZZ	Customer	CANCOM	CAD	AR000017	January 1, 2020	32000.00	CAD to USD	0.7702278
ZZ	Customer	ZZ-EANDL	MXN	AR000018	January 1, 2020	70000.00	MXN to USD	0.0528036
ZZ	Customer	ZZ-EANDL	MXN	AR000019	January 1, 2020	55000.00	MXN to USD	0.0528036

Outstanding AP Vouchers /AR Invoices:

Comp	Business Partner Type	BP Code	Curr	Invoice#	AP/AR FX Gain/Loss Accrual as of	Vou/Inv Outstanding Amount	Currency Conversion	Exchange Rate
ZZ	Vendor	BP7777	CAD	BP7777-11	March 31, 2020	5000.00	CAD to USD	0.7461807
ZZ	Vendor	BP7777	CAD	BP7777-12	March 31, 2020	10000.00	CAD to USD	0.7461807
ZZ	Vendor	LENOVO	MXN	LENOVO-11	March 31, 2020	10000.00	MXN to USD	0.0509681
ZZ	Vendor	LENOVO	MXN	LENOVO-12	March 31, 2020	12000.00	MXN to USD	0.0509681
ZZ	Customer	CANCOM	CAD	CANCOM-11	March 31, 2020	10000.00	CAD to USD	0.7461807
ZZ	Customer	CANCOM	CAD	CANCOM-12	March 31, 2020	16000.00	CAD to USD	0.7461807
ZZ	Customer	ZZ-EANDL	MXN	EANDL-11	March 31, 2020	40000.00	MXN to USD	0.0509681
ZZ	Customer	ZZ-EANDL	MXN	EANDL-12	March 31, 2020	25000.00	MXN to USD	0.0509681





ZZ - CMiC Test Company
General Ledger Unposted Transaction Edit List
Batch 1910 - Auto Batch - Accrue Unrealized FX Gain/Loss

Page: 1 of 1
Date: Mar 12, 2020
Time: 1:49 PM EDT

Journal	Entry Num	Ref Date	Post Date	Accrual
GJ	1256	Mar 31, 2020		Y

Comp.	Dept.	Account	Account Name	Debit	Credit	Units WM	Source	Source Description	Reference	Reference Description
ZZ	00	5000.105	AP/AR Currency Gain/Loss	0.00	360.71		AP	AP FX Conversion CAD/USD	Gain/Loss	Unrealized FX Gain/Loss
ZZ	00	5000.105	AP/AR Currency Gain/Loss	625.22	0.00		AR	AR FX Conversion CAD/USD	Gain/Loss	Unrealized FX Gain/Loss
ZZ	00	5000.115	5000.115 FX Cur Gain/Loss	360.71	0.00		AP	AP FX Conversion CAD/USD	Gain/Loss	Unrealized FX Gain/Loss
ZZ	00	5000.125	5000.125 FX Cur Gain/Loss	0.00	625.22		AR	AR FX Conversion CAD/USD	Gain/Loss	Unrealized FX Gain/Loss
			Transaction Total	985.93	985.93					

Journal	Entry Num	Ref Date	Post Date	Accrual
GJ	1257	Mar 31, 2020		Y

Comp.	Dept.	Account	Account Name	Debit	Credit	Units WM	Source	Source Description	Reference	Reference Description
ZZ	00	5000.105	AP/AR Currency Gain/Loss	0.00	40.38		AP	AP FX Conversion MXN/USD	Gain/Loss	Unrealized FX Gain/Loss
ZZ	00	5000.105	AP/AR Currency Gain/Loss	119.31	0.00		AR	AR FX Conversion MXN/USD	Gain/Loss	Unrealized FX Gain/Loss
ZZ	00	5000.115	5000.115 FX Cur Gain/Loss	40.38	0.00		AP	AP FX Conversion MXN/USD	Gain/Loss	Unrealized FX Gain/Loss
ZZ	00	5000.125	5000.125 FX Cur Gain/Loss	0.00	119.31		AR	AR FX Conversion MXN/USD	Gain/Loss	Unrealized FX Gain/Loss
			Transaction Total	159.69	159.69					

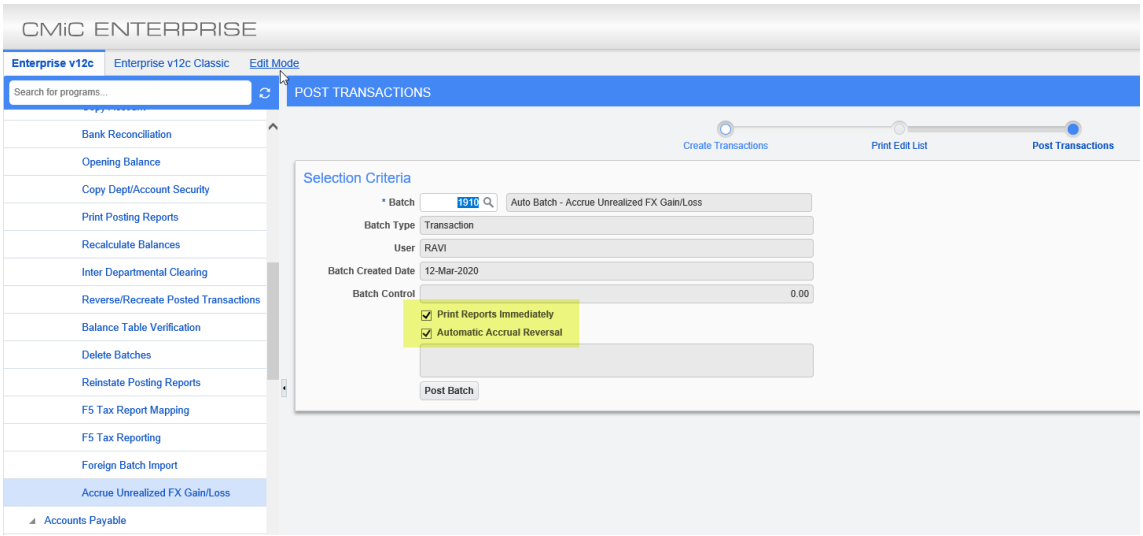
Report Total 1,145.62 1,145.62

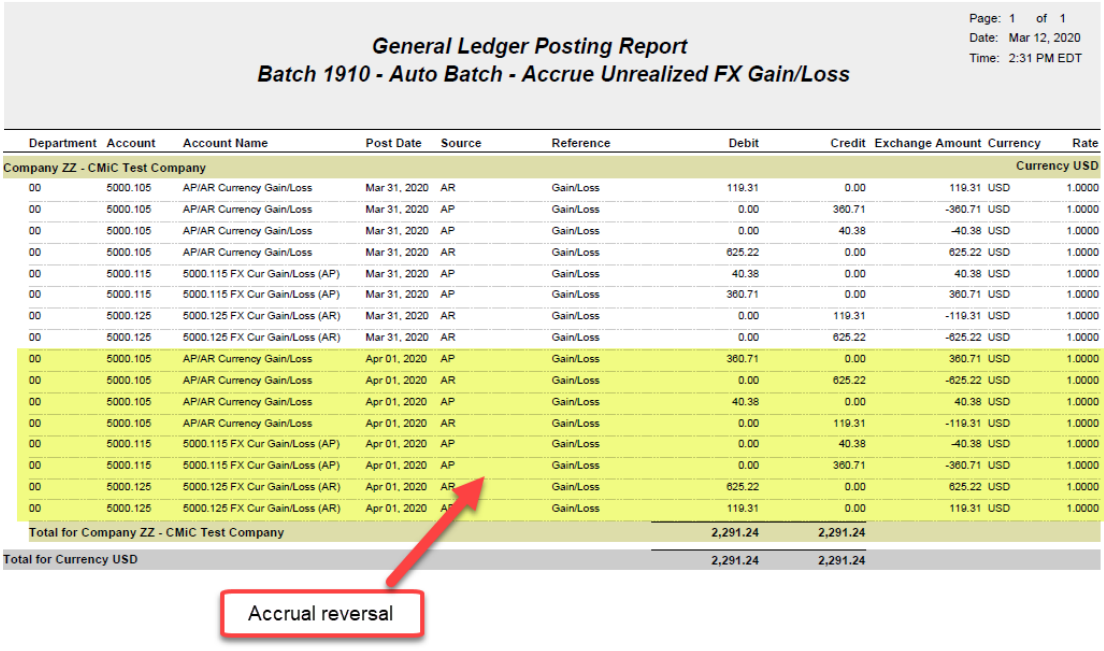
Accrual Posting Distribution:

Company	Department	Account	Account Name	Dr	Cr	Source	Currency
ZZ	00	5000.105	AP/AR Currency Gain/Loss		360.71	AP	CAD/USD
ZZ	00	5000.105	AP/AR Currency Gain/Loss	625.22		AR	CAD/USD
ZZ	00	5000.115	FX Currency Gain/Loss Accrual	360.71		AP	CAD/USD

Company	Department	Account	Account Name	Dr	Cr	Source	Currency
ZZ	00	5000.125	FX Currency Gain/Loss Accrual		625.22	AR	CAD/USD

Company	Department	Account	Account Name	Dr	Cr	Source	Currency
ZZ	00	5000.105	AP/AR Currency Gain/Loss		40.38	AP	MXN/USD
ZZ	00	5000.105	AP/AR Currency Gain/Loss	119.31		AR	MXN/USD
ZZ	00	5000.115	FX Currency Gain/Loss Accrual	40.38		AP	MXN/USD
ZZ	00	5000.125	FX Currency Gain/Loss Accrual		119.31	AR	MXN/USD

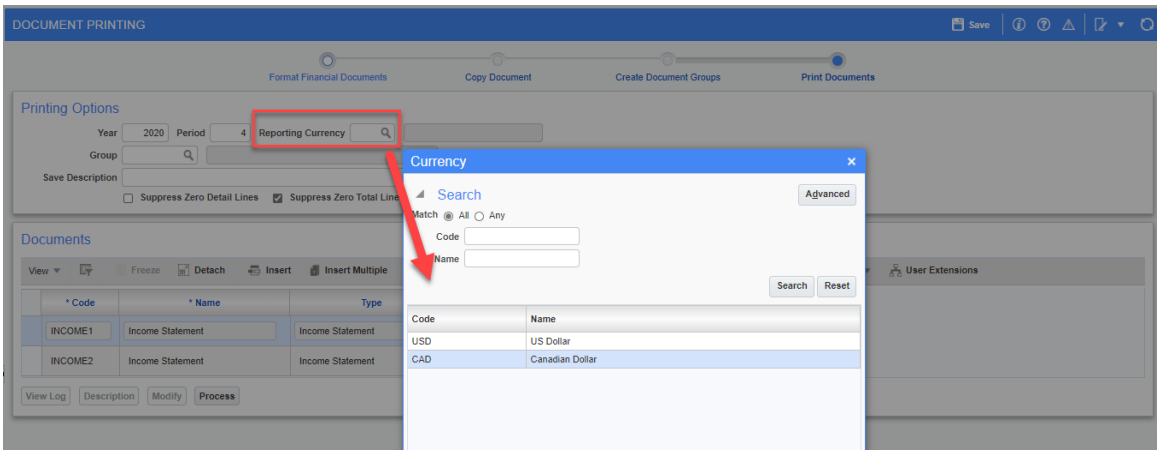




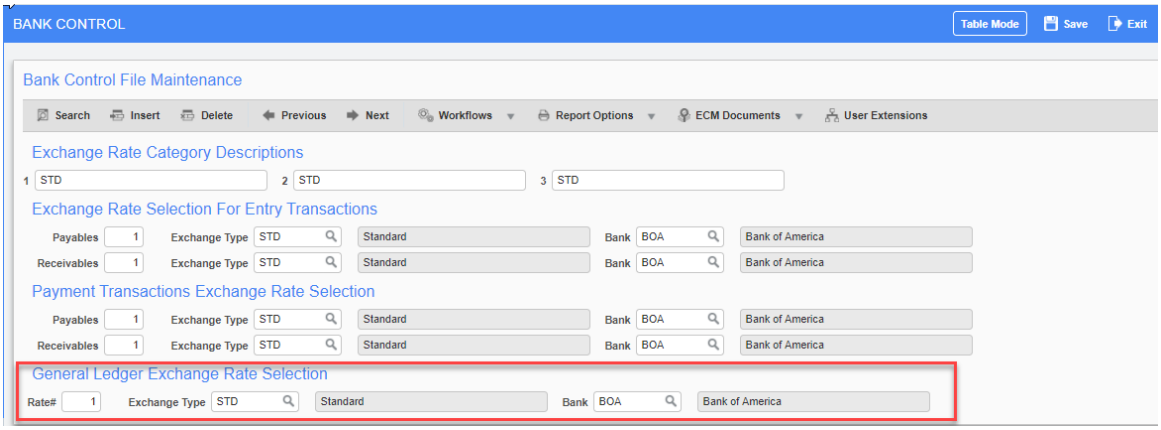
Print GL Documents in a Different Currency (20.23040)

Added the ability to present financial data in a currency different from the home currency of companies used in the consolidation code.

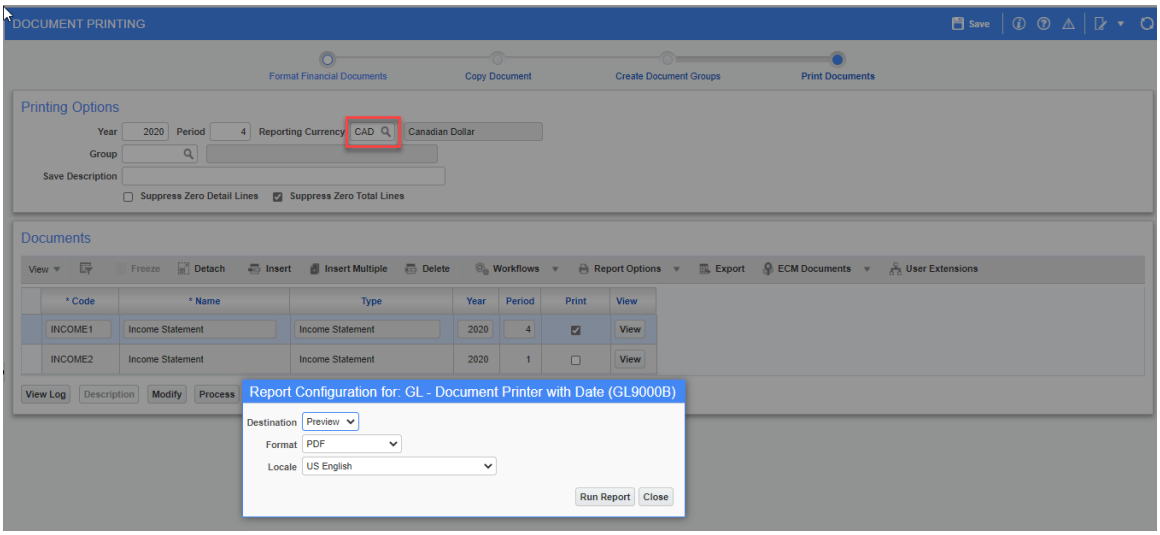
When printing a GL Document, user will be able to optionally specify in which currency all financial information should be presented on the report:

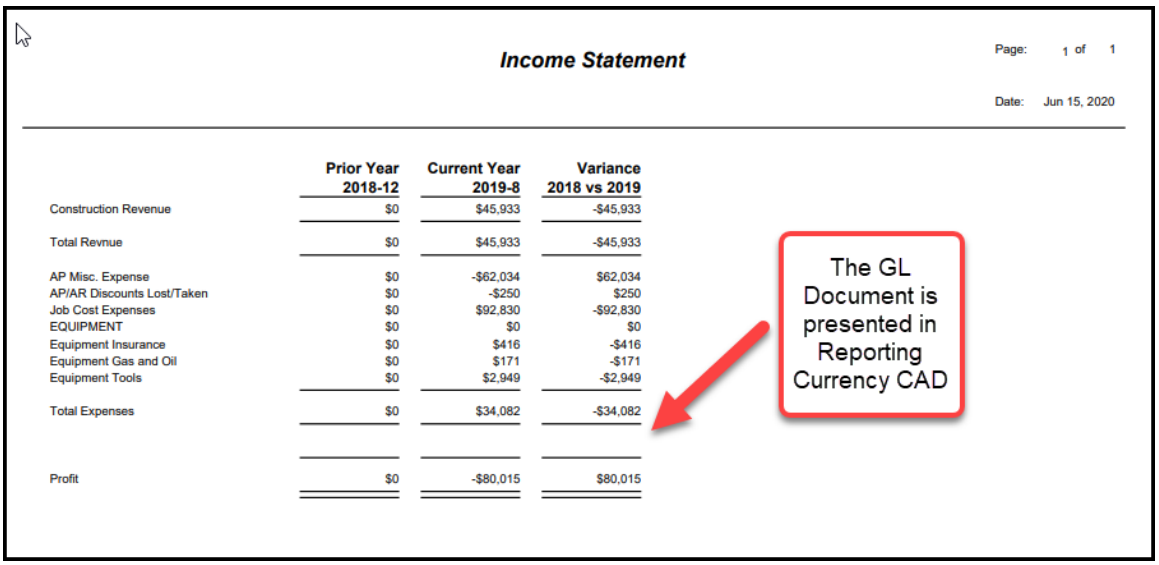


The system will determine conversion rate from home currency of the consolidation code used in the report and the report currency. This rate will be determined as GL Exchange Rate as of the last day of the report's fiscal period:



All amounts calculated in the home currency will be multiplied by this conversion rate thus converting them to the report currency. If currency is not specified, then report will calculate amounts in home currency.





Restrict Posting of own batches in AP & GL (19.88285)

Created a system options flag and two role privileges that the users can be restricted to post their own batches in AP & GL application.

To provide a new functionality for controlling transaction batch postings in Accounts Payable and General Ledger applications. This modification is aimed at segregation of duties and to stop false/incorrect transactions.

The users who create AP/GL transaction batches, must NOT be allowed to post their own batches.

A system Options flag ‘Restrict posting of current users own GL/AP batch’ is created for this purpose.

When checked, the new functionality is applicable, and the following will happen:

- In Transaction Entry Programs: Users can Edit their own Batches but should NOT be able to view or Edit Other Users Batches.
- In Print Edit List Program: All the Users Batches Must be present in Print Edit List for view, for all the Users.

- In Posting Screens: Users can post Other Users batches but will NOT be allowed to Post their own Batches.
- Users will not be allowed to print their own AP manual checks only.

Two Role privileges are programed, one each for AP and GL.

- APPOSTCUR - Allow to post current users AP batches
- GLPOSTCUR - Allow to post current users GL batches

Only those users with the new privileges will be able to View/Edit other Users Transactions and allowed to post their own and other's batches as well.

The Programs where this modification applies are:

- GL Enter Transactions (TRANENT)
- GL Posting (GLPOST)
- GL Create Recurring Transactions (RECURPST)
- AP Prepare Vouchers Program (APRGPUSH)
- AP Voucher Entry program (VOUCHENT)
- AP Enter Debit Credit Memo (VMEMOENT)
- AP Adjust Voucher (VOUADJ)
- AP Process Recurring Entries (RECVCRE)
- AP Posting (APPST)
- AP Enter Manual Check (APCHQMAN)

When this modification is in effect with the System Options Flag checked (Y), the following existing role privileges will be ignored.

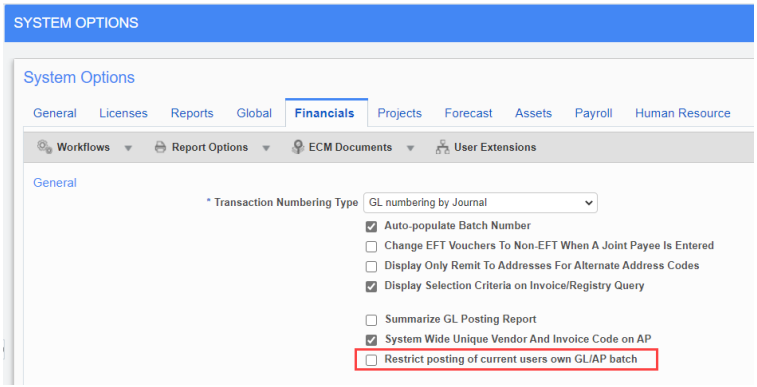
- APPB - Allows the user access to AP batches belonging to other users
- GLPB - Allows the user access to GL batches belonging to other users
- GLRECENT - Allows the user access to GL recurring entries belonging to other users

---

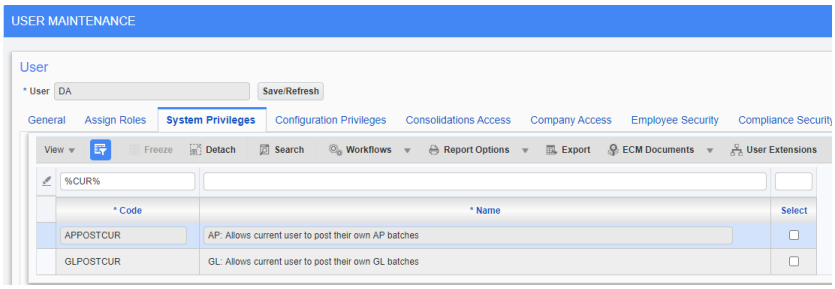
NOTE: No other programs in AP & GL are modified. This modification applies only when the System Options Flag is checked (Y).

Modification Details with Examples:

System Options: A flag 'Restrict posting of current users own GL/AP batch' option has been added to System Options > Financials Tab. The default Value is Un-Checked (N).

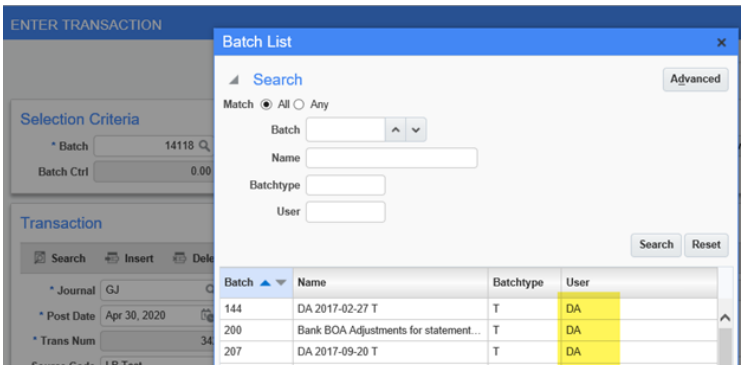


Role Privileges: Added two system privileges 'Allow to post current users GL batches' and 'Allow to post current users AP batches'. The default Value is Un-Checked (N).

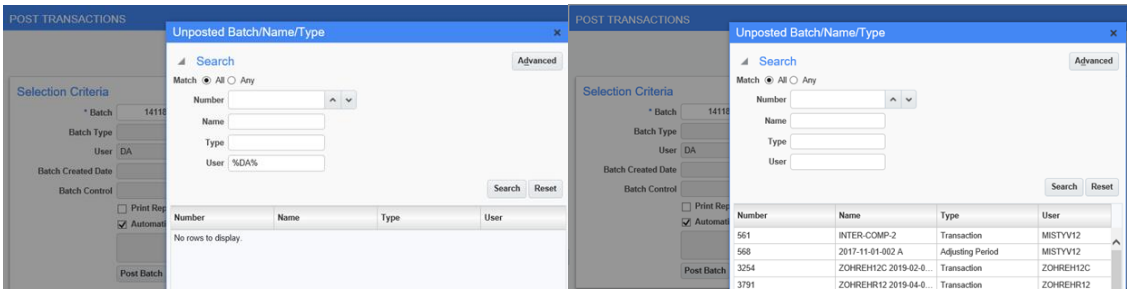


Examples:

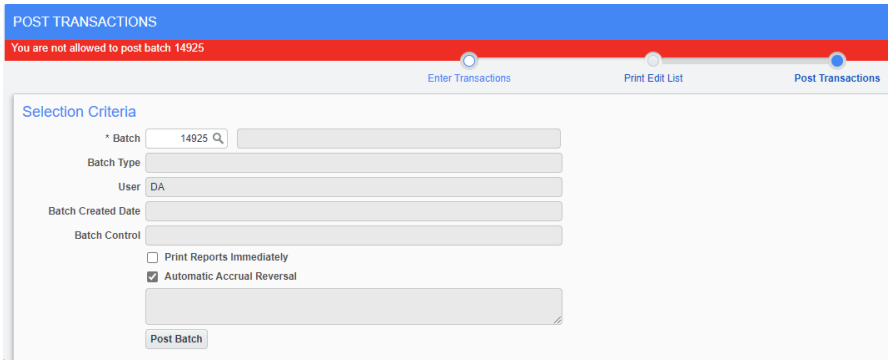
GL Enter Transactions (TRANENT): Batch LOV will show only those batches that have been created by the user



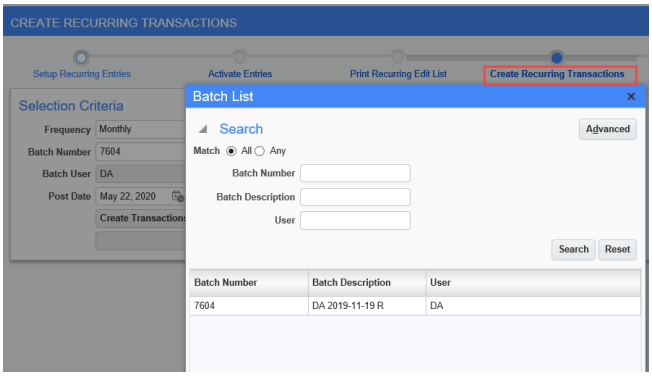
GL Posting (GLPOST): Batch LOV will not display any batches created by the user.



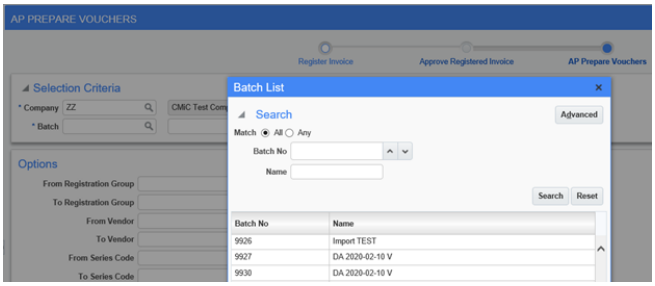
The following error is returned if users try to post any batch created by themselves:



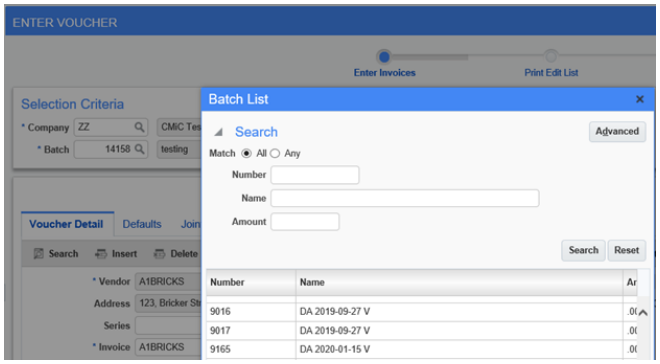
GL Create Recurring Transactions (RECURPST): Added condition on Batch Number LOV so that user cannot update transactions created by other users.



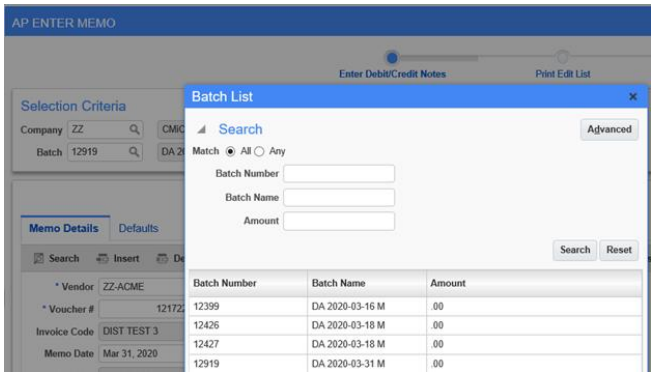
AP Prepare Vouchers Program (APRGPUSH): Added condition on Batch Number LOV. Users can only view batches created by themselves.



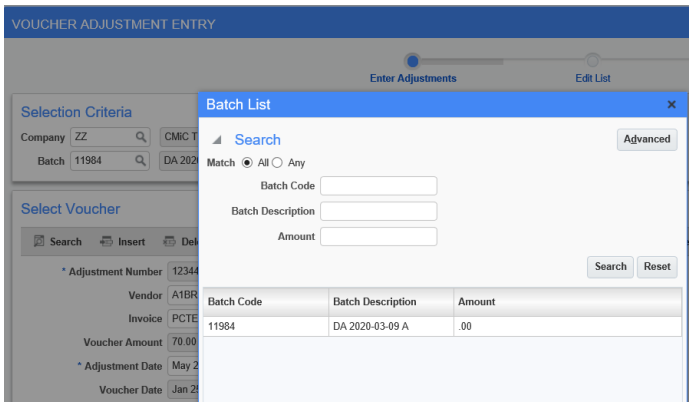
AP Voucher Entry program (VOUCHENT): Added condition on Batch Number LOV. Users can only view batches created by themselves.



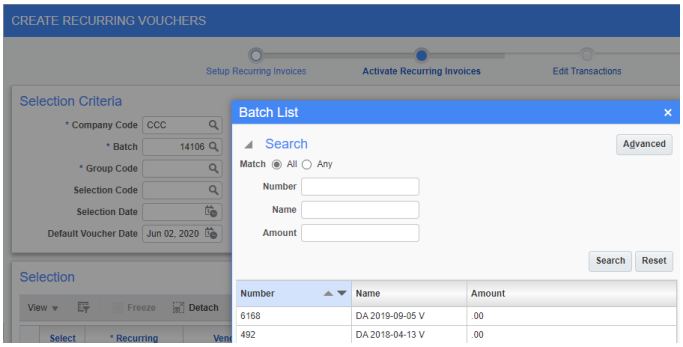
AP Enter Debit Credit Memo (VMEMOENT): Added condition on Batch LOV. Users can only view batches created by themselves.



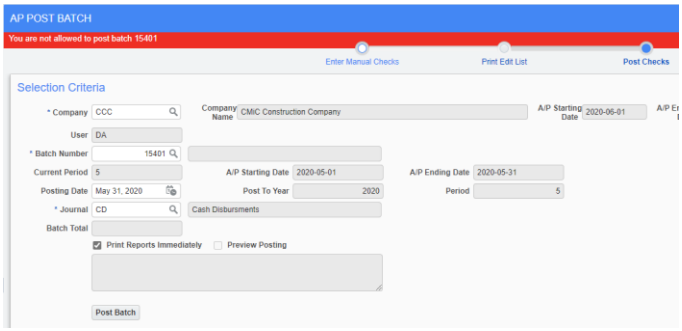
AP Adjust Voucher (VOUADJ): Added condition on Batch LOV. Users can only view batches created by themselves.



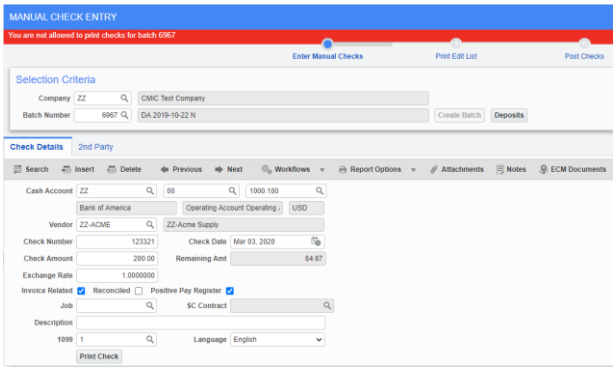
AP Process Recurring Entries (RECVCRE): Added condition on Batch LOV. Users can only view batches created by themselves.



AP Posting (APPST): Batch LOV will not display any batches created by the user. User gets below error message when manually enters batch number created by themselves and tries to post it.



AP Enter Manual Check (APCHQMAN): Users will not be allowed to print their own AP manual checks. User gets below error when Print Check button is clicked, for the batch created by the user themselves.



Month-End Foreign Currency Reporting (19.90246)

Requirements

Provide utility to recognize unrealized foreign currency exchange gain/loss (further as FX Gain/Loss). This transaction is different from already existing Accrue FX Gain/Loss transaction as follows:

- It is not an accrual transaction
- It uses FX Gain/Loss and Owner Equity accounts
- It considers currency rate used in the previous transaction

Important Notes:

1. *Existing program Accrue Unrealized FX Gain/Loss is further modified to allow for creation of non-accrual transactions that affects existing FX Gain/Loss account and an Owner Equity account (a new account).*
2. *Users can create such transaction as often as once per GL period.*
3. *Important element of recognizing unrealized FX Gain/Loss is that every time we can only recognize a gain or loss that occurred since previous recognition or invoice entry, whichever comes last.*
4. *In order to know when the previous recognition was and how gain/loss changed since then, system needs to store currency conversion rates used in previous recognition in the History Table.*

Change Request

1. "Accrue Unrealized FX Gain/Losses" program under GL Utilities menu node has been labeled as "Process Unrealized FX Gain/Loss".
2. Window name of the program has been changed to "Process Unrealize FX Gain/Loss" so that it matches the menu node label.
3. A new Checkbox "Recognize FX Gain/Loss" has been added. Value of this checkbox will determine what kind of transaction is created. If the value is N (unchecked), then the program will create accrual transactions (current functionality). If the value is checked, then a non-accrual transaction
4. Each time FX Gain/Loss transactions are created (accrual and non-accrual) its information is stored in a new DB table GLFXRECHIST_TN.
5. To keep information of Historical Rates, a new DB table GLFXRECHISTDET_TN is created.
6. Added AP Control > Accounting > FX Gain/Loss Adjustment field.
7. Added AR Control > Accounting > FX Gain/Loss Adjustment field.
8. If checkbox "Recognize FX Gain/Loss" is unchecked, then the program continues functioning as before – creating accrual transaction.
9. If checkbox "Recognize FX Gain/Loss" is checked, then the program creates a non-accrual transaction as described in the Example below.

Example

Company: CAN1; Currency: CAD										Vendor: A1Electric; Currency: USD
SL No.	**Date**	**Transaction**	**Amount**	**Currency**	**Conv Rate**	**Account**	**DR**	**CR**	**Curr**	**Calculation Rule:**
1	5-Mar-20	AP Voucher	1000.00	USD	**1.35**	Accounts Payable		**1350.00**	CAD	
						Expense Account	**1350.00**		CAD	
2	31-Mar-20	Recognize FX Gain/Loss	1000.00	USD	**1.38**	FX Gain /Loss	**30.00**		CAD	Calculated as Outstanding Amount * (Current Conv Rate - latest (Historical Conv Rate, Invoice Conv Rate))
						AP FX Adjustment		**30.00**	CAD	1000*(1.38 - 1.35) = **30.00**
		Store conversion rate 1.38 in a history table								
3	30-Apr-20	Recognize FX Gain/Loss	1000.00	USD	**1.36**	FX Gain /Loss		**20.00**	USD	Calculated as Outstanding Amount * (Current Conv Rate - latest (Historical Conv Rate, Invoice Conv Rate))
						AP FX Adjustment	**20.00**		USD	1000*(1.36 - 1.38) = **-20.00**
			Store conversion rate 1.36 in a history table							
4	11-May-20	Payment	700	USD	1.40					
	Recognize FX Gain/Loss on the fly					FX Gain /Loss	28.00		USD	Calculated as Payment Amount * (Current Conv Rate - latest (Historical Conv Rate, Invoice Conv Rate))
						AP FX Adjustment		28.00	USD	700*(1.40 - 1.36) = **28.00**
	Payment					Accounts Payable	945.00		USD	Amount is calculated as Payment Amt * Invoice Conv Rate = 700 * 1.35 = **945.00**
						Cash		980.00	USD	Amount is calculated as Payment Amt * Payment Conv Rate = 700 * 1.40 = **980.00**
						AP FX Adjustment	7.00		USD	Offset of previously posted recognition = Payment Amount * (latest (Historical Conv Rate, Invoice Conv Rate) - Invoice Conv Rate) = 700*(1.36 - 1.35) = **7.00**
						AP FX Adjustment	28.00		USD	Offset of on the fly recogntion = Payment Amount * (Payment Conv Rate - latest (Historical Conv Rate, Invoice Conv Rate)) = 700*(1.40 - 1.36) = **28.00**
5	31-May-20	Recognize FX Gain/Loss	300.00	USD	1.39	FX Gain /Loss		**9.00**	USD	Calculated as Outstanding Amount * (Current Conv Rate - latest (Historical Conv Rate, Invoice Conv Rate))
						AP FX Adjustment	**9.00**		USD	300*(1.39 - 1.36) = **9.00**
		Store conversion rate 1.39 in a history table								
6	20-Jun-20	Payment	100.00	USD	1.41					
	Recognize FX Gain/Loss on the fly					FX Gain /Loss	2.00		CAD	Calculated as Payment Amount * (Current Conv Rate -latest (Historical Conv Rate, Invoice Conv Rate))
						AP FX Adjustment		2.00	CAD	100*(1.41 - 1.39) = **2.00**
	Payment					Accounts Payable	135.00		CAD	Amount is calculated as Payment Amt * Invoice Conv Rate = 100 * 1.35 = **135.00**
						Cash		141.00		Amount is calculated as Payment Amt * Payment Conv Rate = 100.00 * 1.41 = **141.00**
						AP FX Adjustment	4.00			Offset of previously posted recognition = Payment Amount * (latest (Historical Conv Rate, Invoice Conv Rate) - Invoice Conv Rate) = 100*(1.39 -1.35) = **4.00**
						AP FX Adjustment	2.00			Offset of on the fly recogntion = Payment Amount * (Payment Conv Rate - latest (Historical Conv Rate, Invoice Conv Rate)) = 100*(1.41 - 1.39) = **2.00**

Company CAN1, Currency CAD

1 invoice weas entered in March of 2020:

Date	Item	Amount	Currency	FX Rate
5-Mar-20	AP Invoice 1	1,000.00	USD	1.35

At the end of March (Fiscal year 2020, fiscal period 3) currency conversion factor was as follows:

From Currency	To Currency	FX Rate
USD	CAD	1.38

Unrealized FX Gain/Loss was recognized at the end of March. Amount of gain or loss was determined using the following rule

FX Gain/Loss = (Outstanding Invoice Amount) * (Current Conversion Rate – Invoice Conversion Rate)

For USD AP Invoice 1 FX Gain/Loss was equal to 1,000.00*(1.38 – 1.35) = 30.00 CAD
Distribution of this transaction was recorded as:

AP FX Gain/Loss	30.00		CAD
AP Realized FX Gain/Loss		30.00	CAD

At the time of posting of these transactions, current conversion rates used in calculations were stored in **History log**:

Company	Year	Period	From Currency	To Currency	FX Rate	Rate Date
CAN1	2020	3.00	USD	CAD	1.38	31-Mar-20

Rate date is always recorded as the last date of the GL period.
By the end of April, 2020 outstanding amount in AP was:

Date	Item	Amount	Currency	FX Rate
5-Mar-20	AP Invoice 1	1,000.00	USD	1.35

At the end of April, 2020 (Fiscal year 2020, fiscal period 4) currency conversion factors were as follows:

From Currency	To Currency	FX Rate
USD	CAD	1.36

Unrealized FX Gain/Loss was recognized at the end of April. Since FX Gain/Loss was already recognized previously, we need to start using historical rates recorded at that time. If invoice date is prior to the historical rate date, then we can only recognize gain/loss relevant to that historical rate. If, however, invoice date is after the historical rate date, then we need to recognize loss relevant to the invoice rate. In our example historical rates were recorded as of March 31 2020. This rule can be formulated as follows:

FX Gain/Loss = (Outstanding Invoice Amount) * (Current Conversion Rate – Starting Rate)

Where ***Starting Rate = latest of Historical Rate and Invoice Rate***

If Historical Rate does not exist, then ***Starting Rate = Invoice Rate***

Applying the rule to each invoice, still outstanding in April, we determine the starting rate:

Date	Item	Curr	Relation to Rate Date	Starting Rate	FX Rate
5-Mar-20	AP Invoice 1	USD	Before	Historical	1.38

For USD AP Invoice 1 FX Gain/Loss is equal to 1,000.00 * (1.36 – 1.38) = -20.00 CAD
Distribution, related to USD invoices:

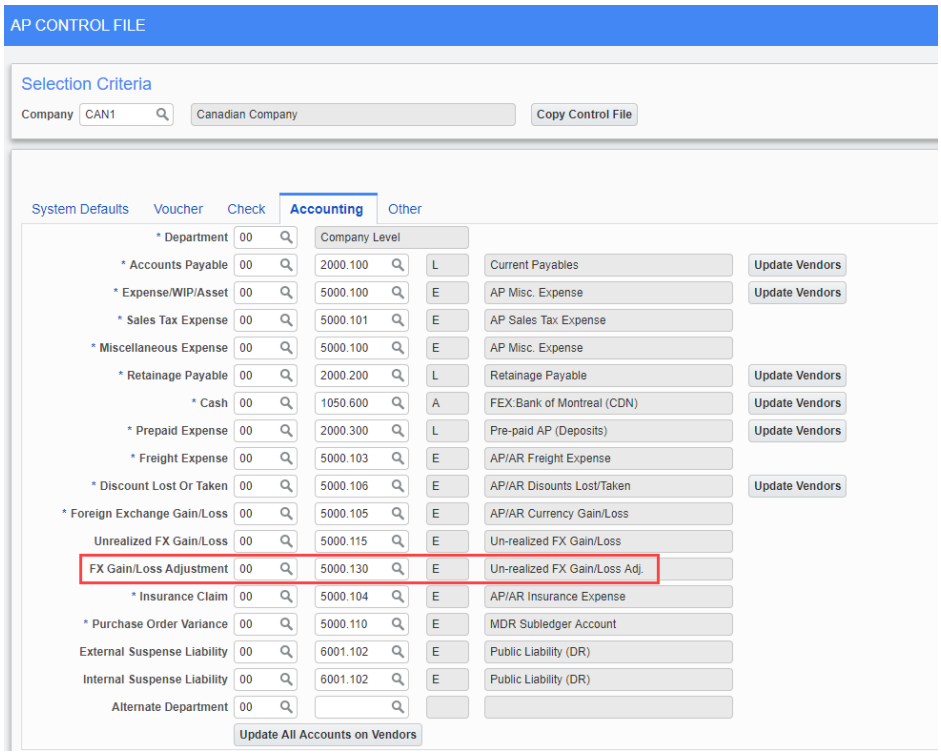
AP FX Gain/Loss		20.00	CAD
AP Realized FX Gain/Loss	20.00		CAD

Again, when these transactions are posted, currency conversion rates need to be recorded in **History Log:**

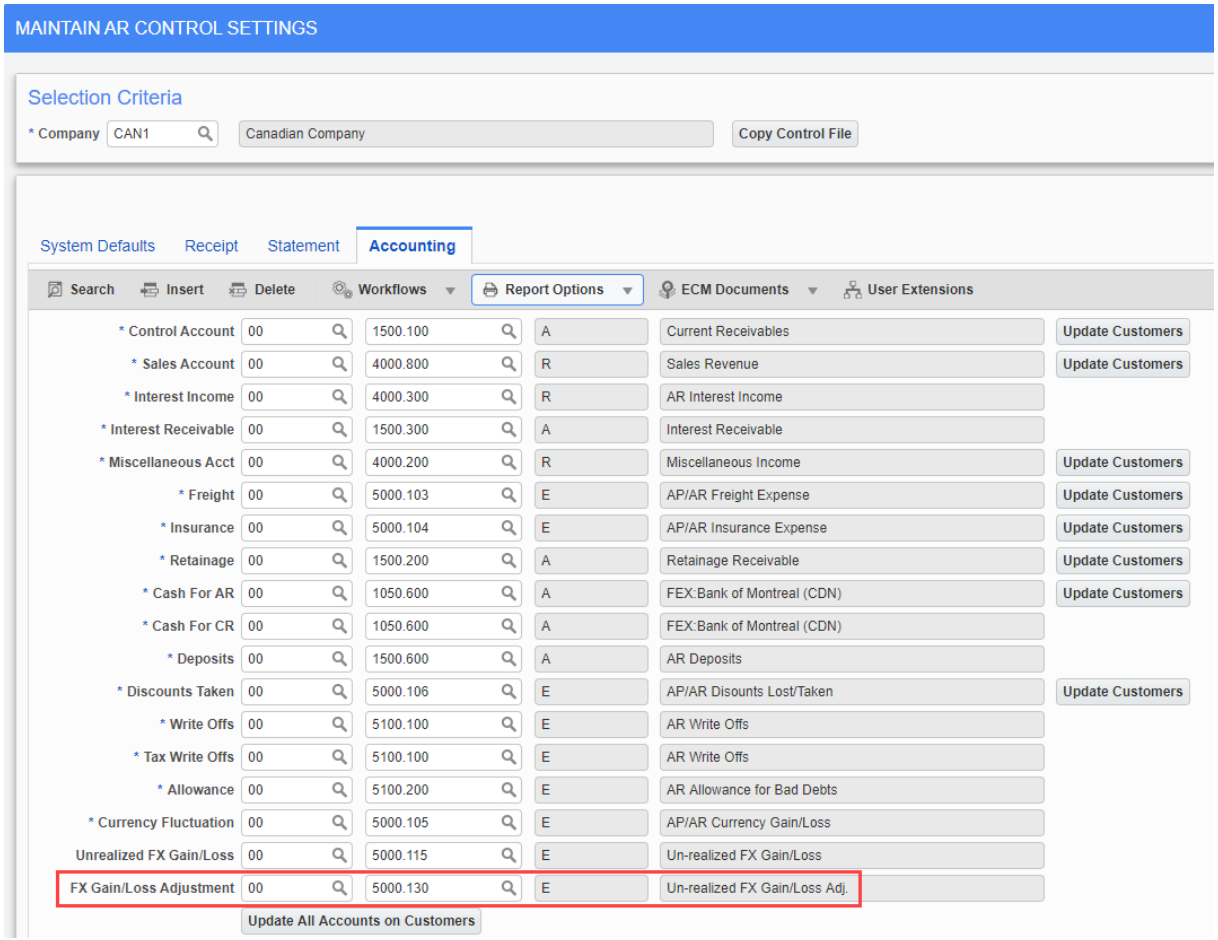
Company	Year	Period	From Currency	To Currency	FX Rate	Rate Date
CAN1	2020	4	USD	CAD	1.36	30-APR-20

Programs and Changes

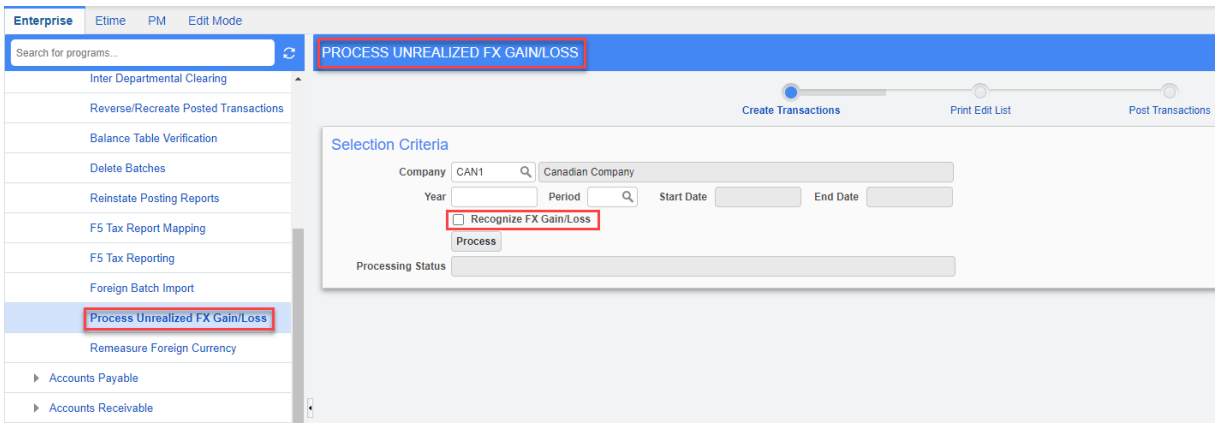
AP Control:



AR Control



“Accrue Unrealized FX Gain/Losses” program renamed as “Process Unrealized FX Gain/Loss” & New Checkbox: “Recognize FX Gain/Loss”.



Added Attachments and Notes to Toolbar of Reverse/Recreate Posted Transactions program (20.24460)

Requirement:

To retrieve documents attached to posted General Ledger Transaction, Attachments and Notes are added to Toolbar of Reverse/Recreate Posted Transactions program.

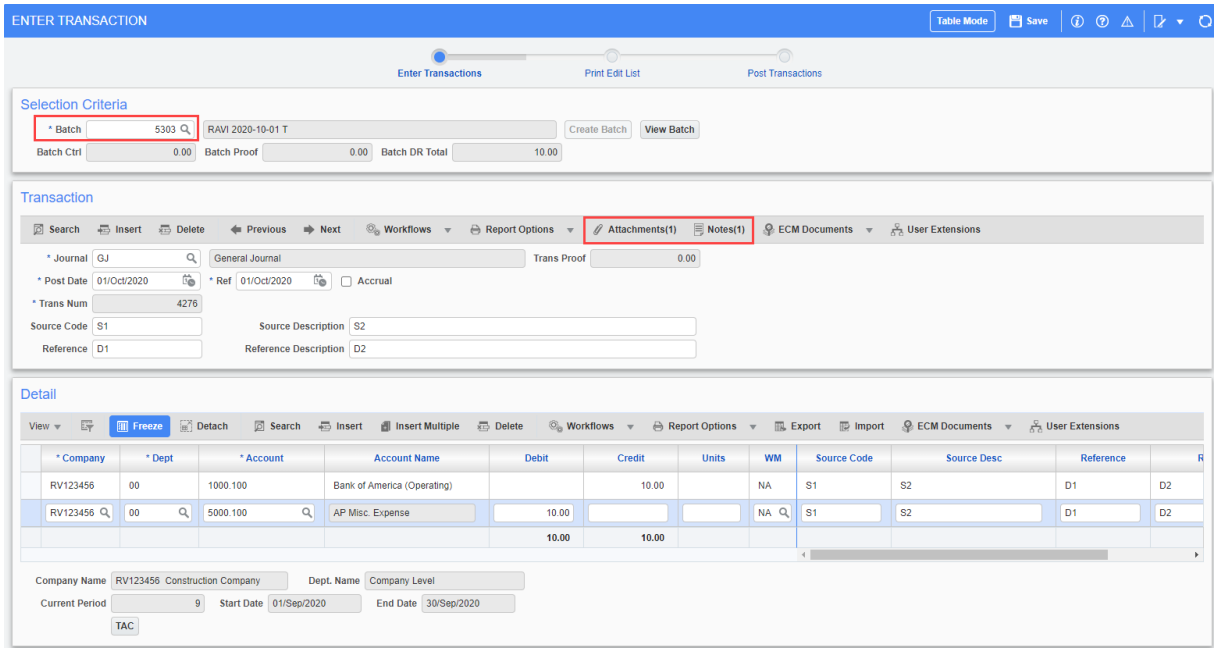
Functionality Design:

When Attachments or Notes are added in any batch of GL Enter Transactions Program, after posting the batch, the Attachments or notes can be found under GL>Utilities>Reverse/Recreate Posted Transactions program with the same batch number.

Also, User will be able to add more attachments and Notes through Reverse/Recreate Posted Transactions program for the same batch Number.

Example:

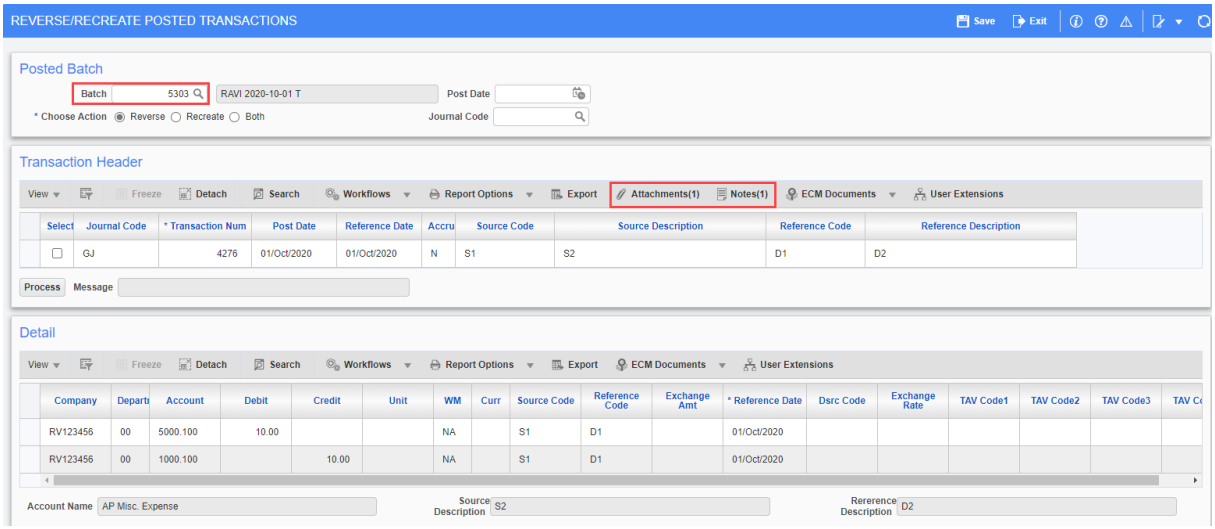
In GL Enter Transactions Program, User has added 1 Attachment and 1 Notes to Batch: 5303 and posted the batch.



After Posting the Batch, User goes to GL>Utilities>Reverse/Recreate Posted Transactions program.

Batch: 5303 contains the same Attachment and Notes as attached in GL Enter Transactions Program.

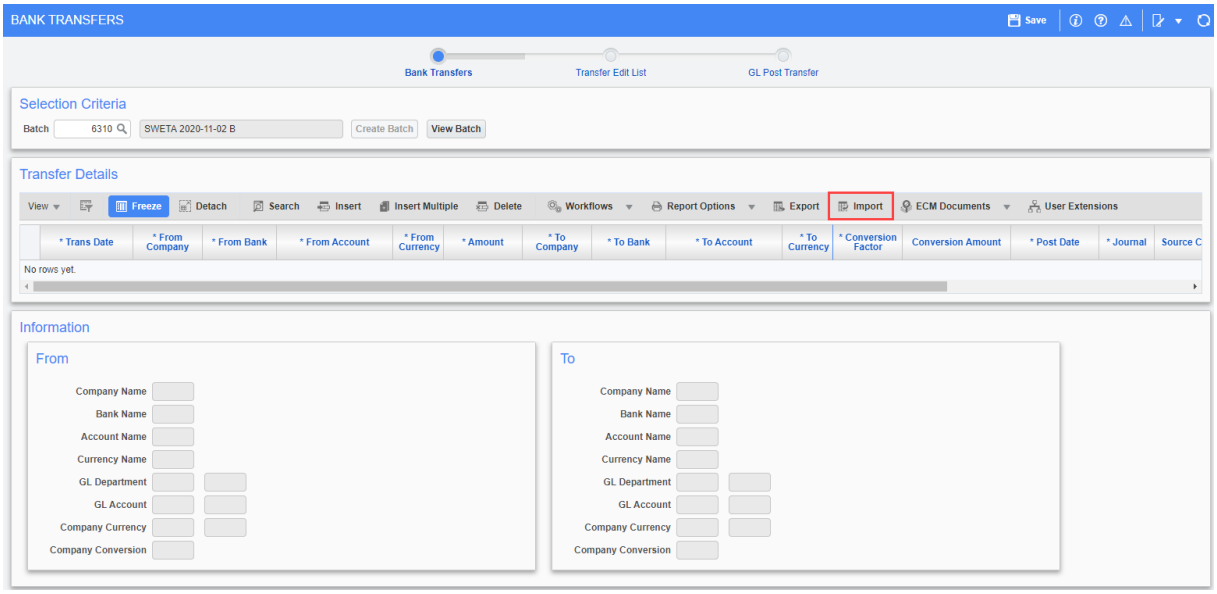
Also, User can add more Attachments and Notes to the Batch.



Import Functionality added to Enter Bank Transfers Program (20.27483)

Functionality Design:

Import Functionality has been added to Enter Bank Transfers Program.



Reports - Financial Document Formatter 2.0 (Beta Version) (21.42181)

Overview:

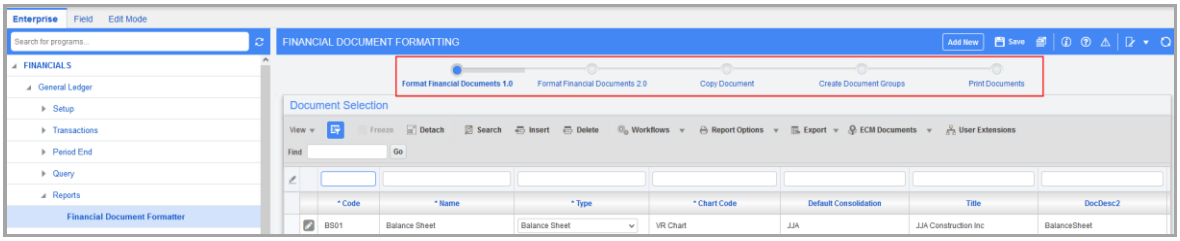
The Financial Document Formatter 2.0 will allow users to easily create financial statements to show trends and identify the business cash position. These operations are performed using the process train that runs along the top of the main page.

Version 2.0

Modifications:

Process:

A new train process has been added to include Document Formatter 1.0 and 2.0 programs.



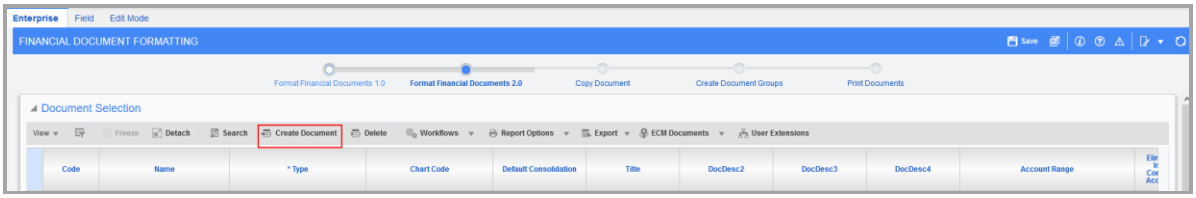
General Ledger> Reports> Financial Document Formatter

Create Document:

To add a document in Financial Document Formatter 2.0 use the create document button in the toolbar.

Newly Created FDF 2.0 Documents automatically get version number 2 stamped on them.

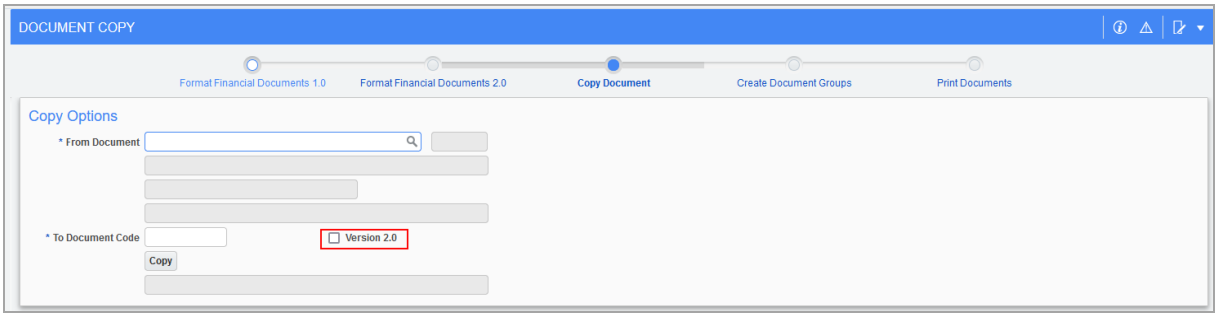
FDF 2.0 will not allow documents created in FDF 1.0 to open in FDF 2.0 directly. Those documents will have to be copied to Version 2 using Copy Document functionality.



General Ledger> Reports> Financial Document Formatter> Financial Document Formatter 2.0 window

Version 2.0 Flag:

The copy program now has the conversion process to upgrade Documents created in Financial Document Formatter 1.0 to be accessible in the Financial Document Formatter 2.0 Program.



Copy Document window from Financial Document Formatter

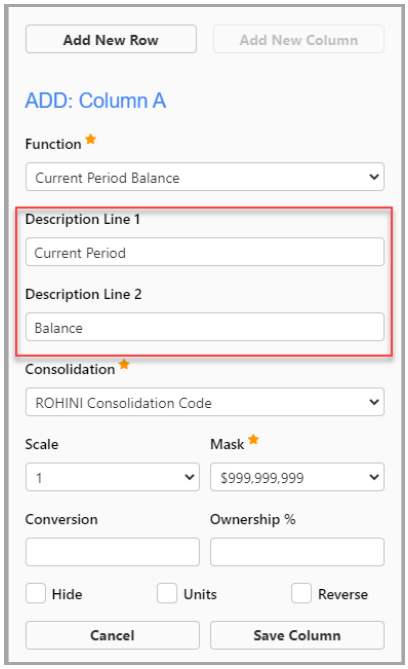
From Document Field Shows from Document version (1.0 or 2.0) while selecting the document to be copied from the LOV.

A checkbox "Version 2.0" beside the To Document field. If From Document is already of version 2.0, then this checkbox will be checked and disabled - user will not be able to downgrade 2.0 to 1.0.

Column Title Filled in:

Description Line 1 and Description Line 2 are filled in by default while creating a new document in FDF 2.0 and are limited to 15 characters long. Users have the option to maintain the default description or change it based on the need. Unless entering Description Line 1 user cannot save the column created, meaning Description Line 1 cannot be left blank.

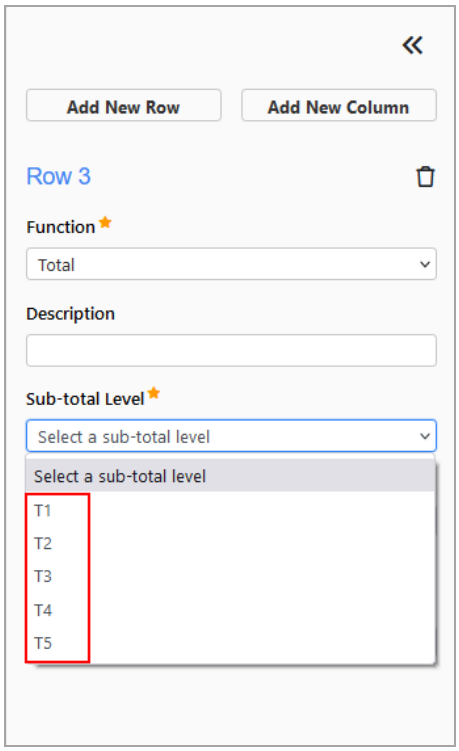
Column description is filled in FDF2.0 for those documents which previously did not have any descriptions/titles during Copy Document functionality from Version 1.0 to Version 2.0.



Add New Column window while creating a new document.

T6 Total Line:

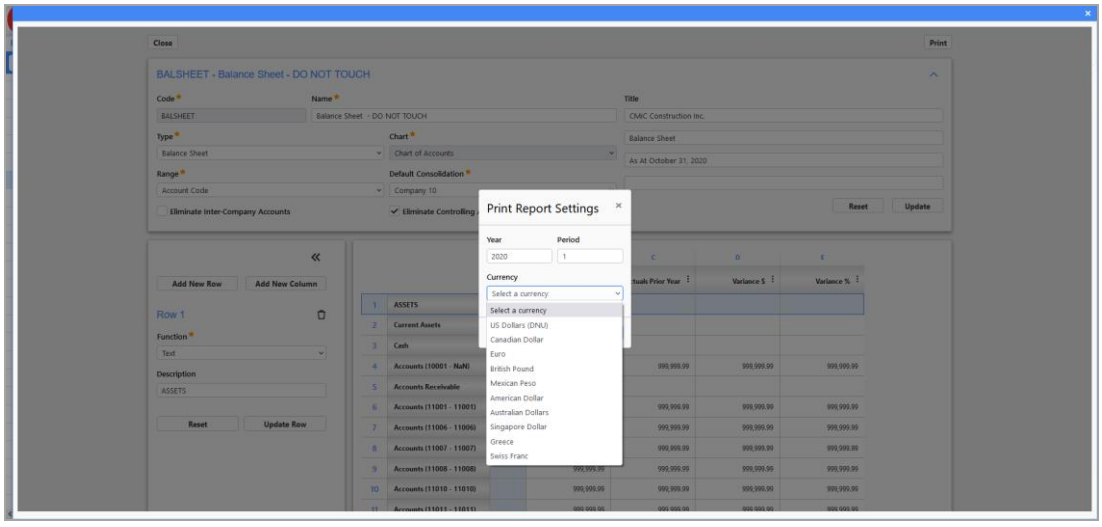
Ranges created in Financial Document Formatter 2.0 will automatically reserve T6 for Total lines. T1-T5 are available to store all other totals that are not applicable to ranges. T6 will no longer be accessible in the Total LOV.



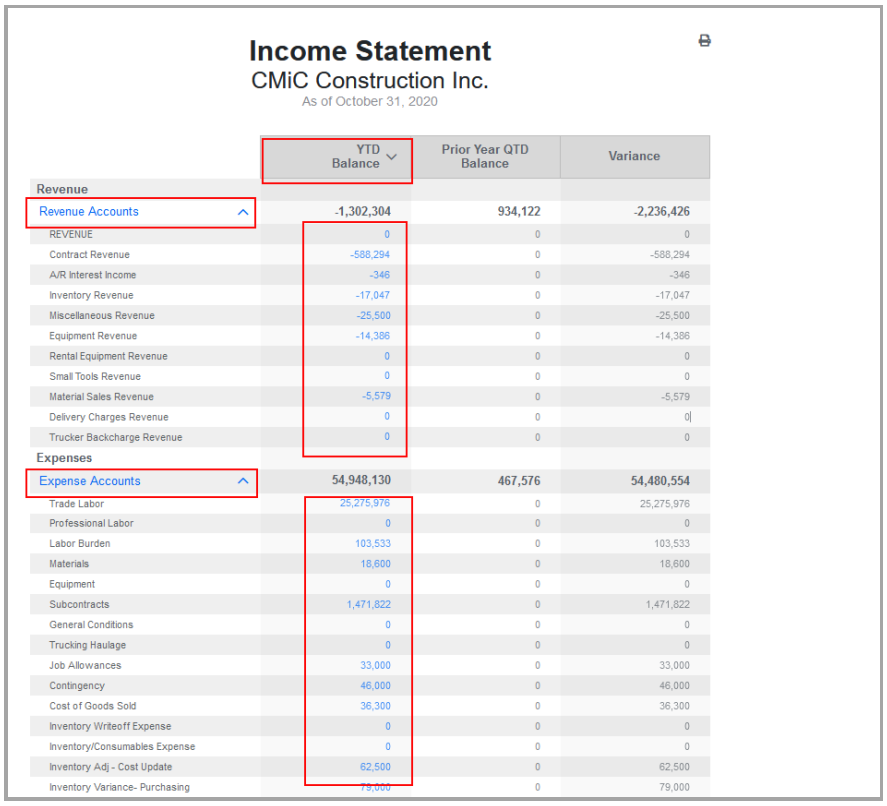
Sub-total level in New Document Creation window.

Print:

The Print report setting allows for currency selection when executing a browser print.



New Document Creation window with print report settings for print preview



Income Statement

CMiC Construction Inc.

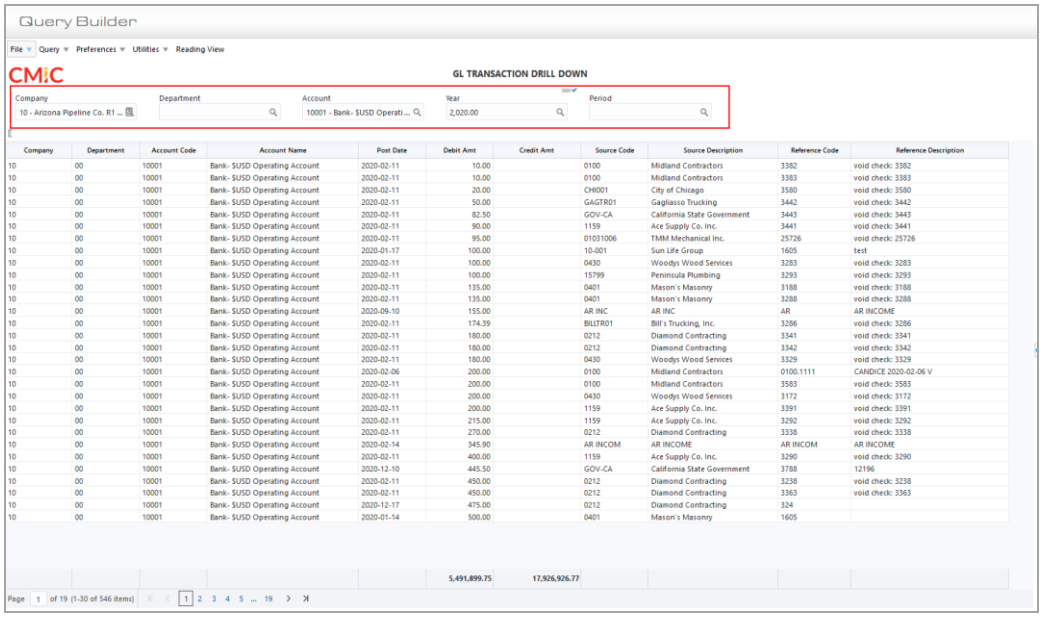
As of October 31, 2020

	YTD Balance	Prior Year QTD Balance	Variance
Revenue			
Revenue Accounts	-1,302,304	934,122	-2,236,426
REVENUE	0	0	0
Contract Revenue	-588,294	0	-588,294
A/R Interest Income	-346	0	-346
Inventory Revenue	-17,047	0	-17,047
Miscellaneous Revenue	-25,500	0	-25,500
Equipment Revenue	-14,386	0	-14,386
Rental Equipment Revenue	0	0	0
Small Tools Revenue	0	0	0
Material Sales Revenue	-5,579	0	-5,579
Delivery Charges Revenue	0	0	0
Trucker Backcharge Revenue	0	0	0
Expenses			
Expense Accounts	54,948,130	467,576	54,480,554
Trade Labor	25,275,976	0	25,275,976
Professional Labor	0	0	0
Labor Burden	103,533	0	103,533
Materials	18,600	0	18,600
Equipment	0	0	0
Subcontracts	1,471,822	0	1,471,822
General Conditions	0	0	0
Trucking Haulage	0	0	0
Job Allowances	33,000	0	33,000
Contingency	46,000	0	46,000
Cost of Goods Sold	36,300	0	36,300
Inventory Writeoff Expense	0	0	0
Inventory/Consumables Expense	0	0	0
Inventory Adj - Cost Update	62,500	0	62,500
Inventory Variance- Purchasing	79,000	0	79,000

Print Preview

BI Query:

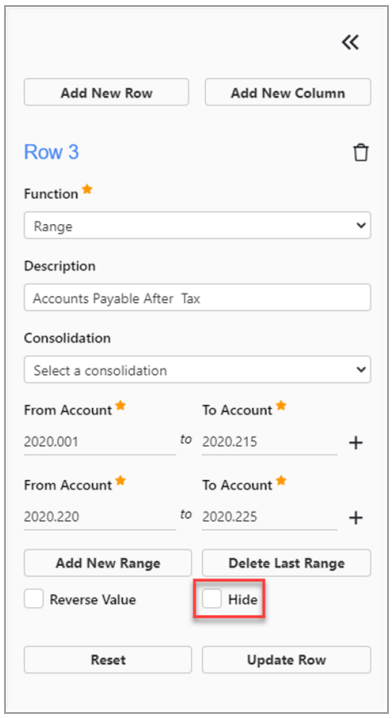
A default query has been applied for Range rows ‘GL Transaction Drill Down’. The Company, Account, and Year fields parameters are passed from Financial Document Formatter to query when the drill is applied.



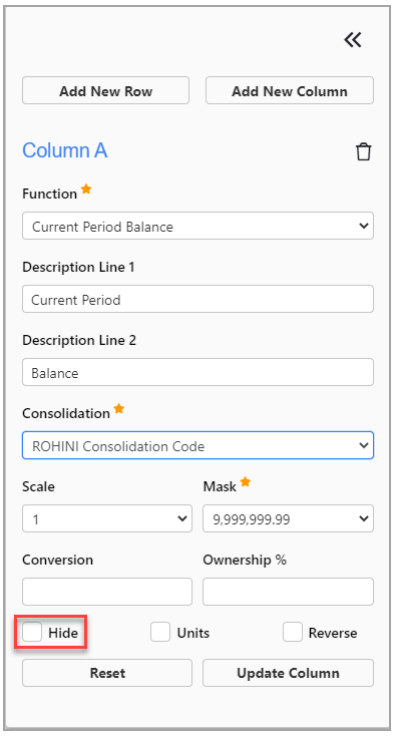
HIDE Flag:

Print flag is renamed as the HIDE flag, both in row and column definition. The functionality of HIDE checkbox in FDF 2.0 is the same as Print checkbox in FDF 1.0.

When a line item or Column item needs to be hidden while printing the document, check the HIDE flag.



HIDE Flag in Row definition in Document Creation window



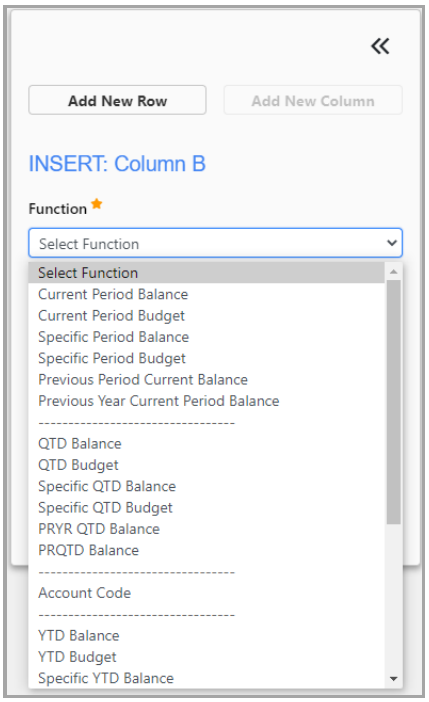
HIDE Flag in Column definition in Document Creation window

Renamed Column Functions in FDF 2.0:

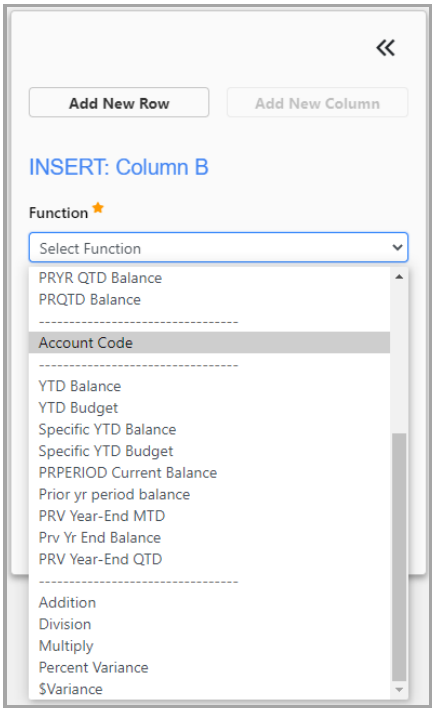
Following are the Functions and their Function Code under Column definition whose names have been renamed from that of FDF 1.0.

Function Code	Old Code	New Code
P5	Prior Period Current Balance	Previous Period Current Balance
P6	Prior Year Curr Period Balance	Previous Year Current Period Balance
Y5	PRPERIOD YTD Balance	PRPERIOD Current Balance
YA	Prior Year End MTD	PRV Year-End MTD
YB	Prior Year End Balance	Prv Yr End Balance
YQ	Prior Year End QTD	PRV Year-End QTD

The above Functions can be seen in the below screen in Column definition in FDF 2.0.



Function LOV while add a New Column



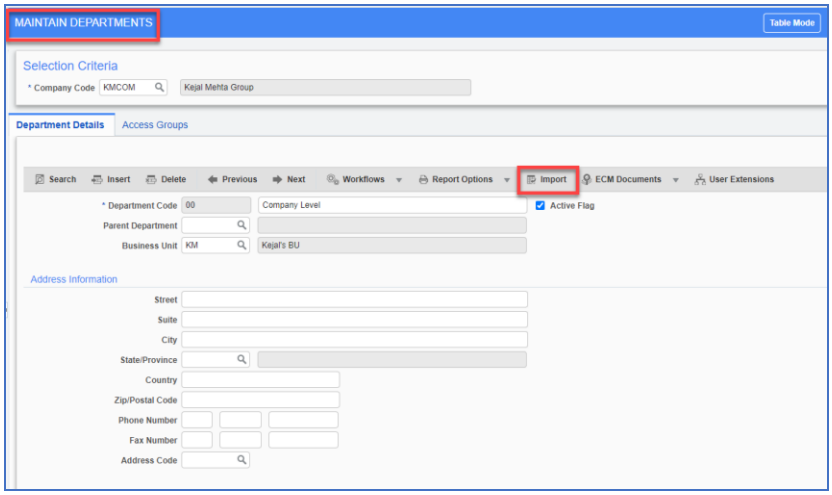
Function LOV while add a New Column

Added Import Button to Maintain Department Program (21.48741)

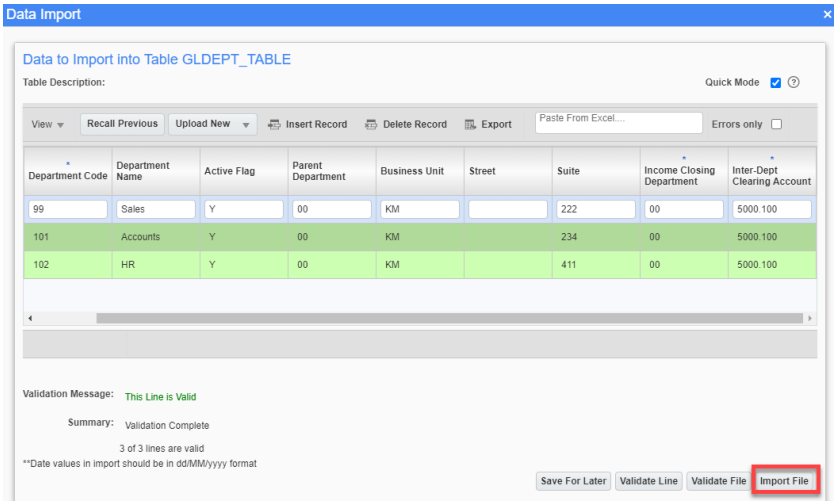
Added Import button to Maintain Departments program

Importing Data:

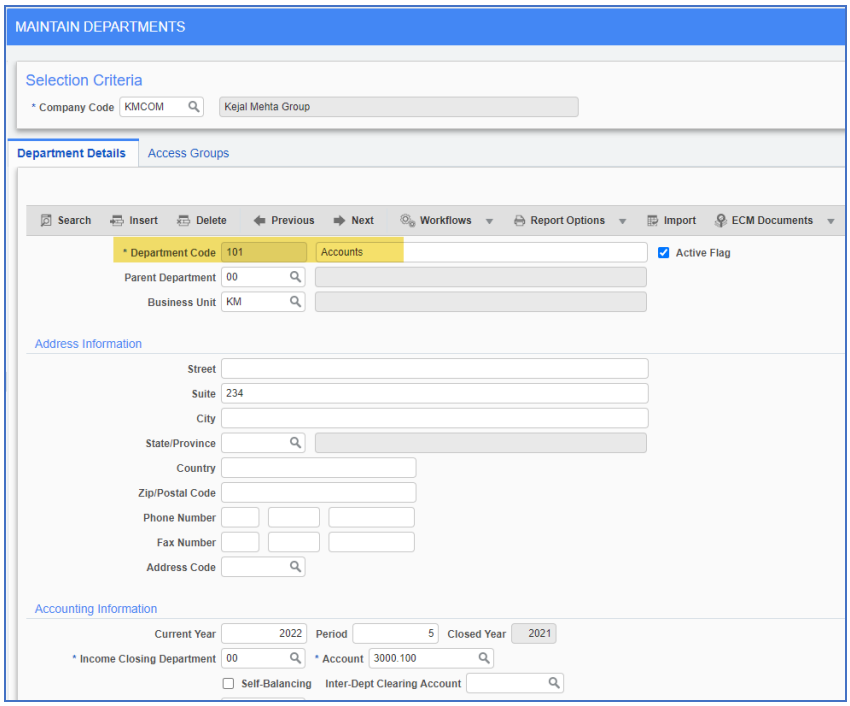
The [**Import**] button is added to the Maintain departments screen.



Import a few departments.



Data imported successfully.

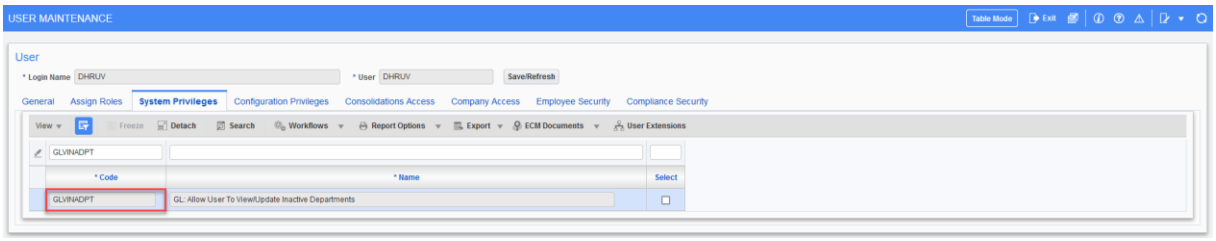


Updating Inactive Department (22.52670)

Overview

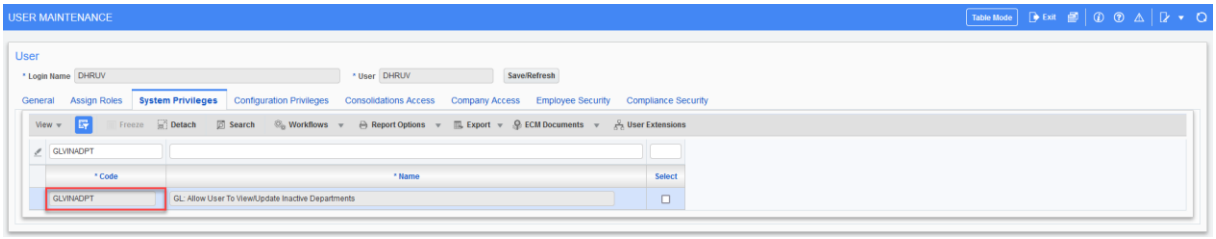
Role level system privilege is added to allow users to update inactive department.

GLINVADPT: Allow User To View/Update Inactive Department. By default, this is checked for user.

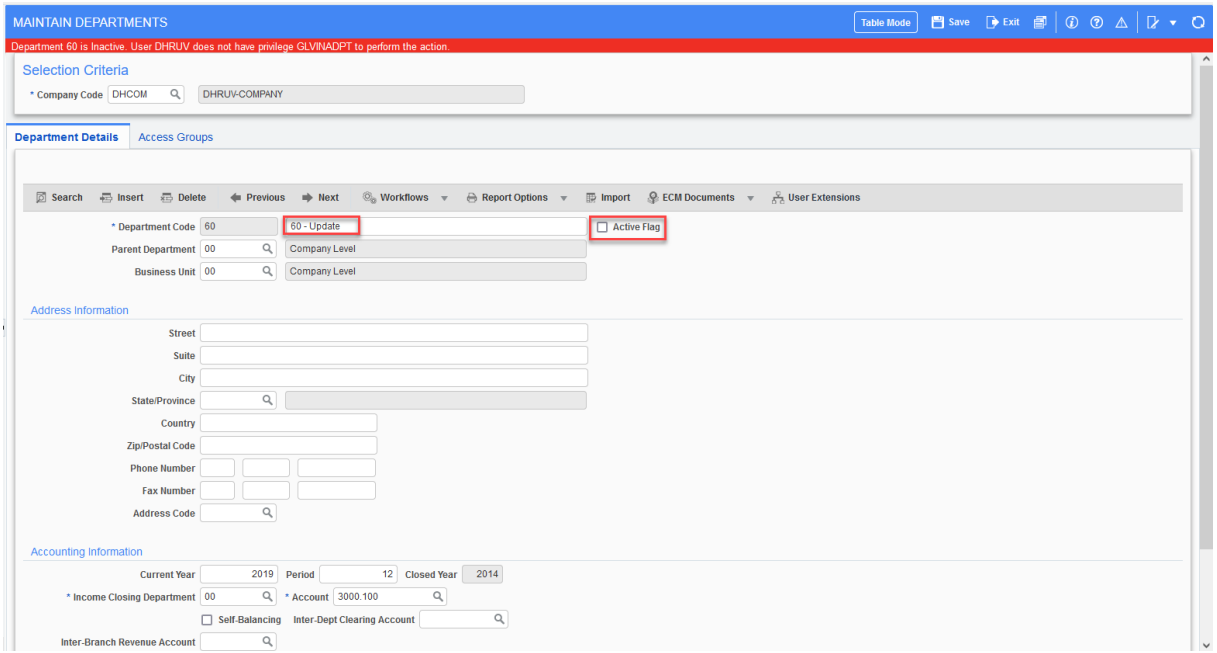


Modifications

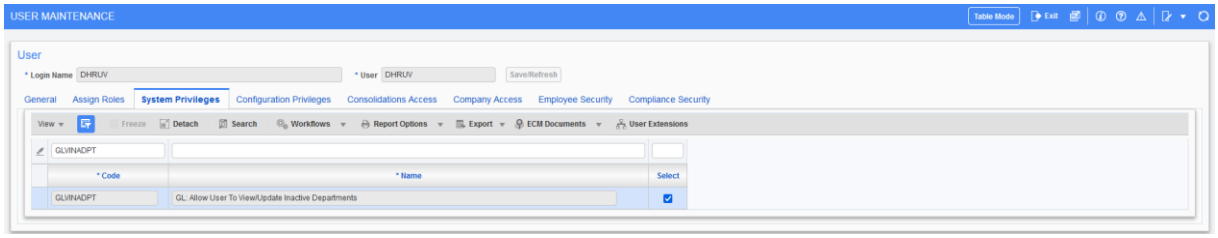
Case 1: GLINVADPT – Un-checked (N)



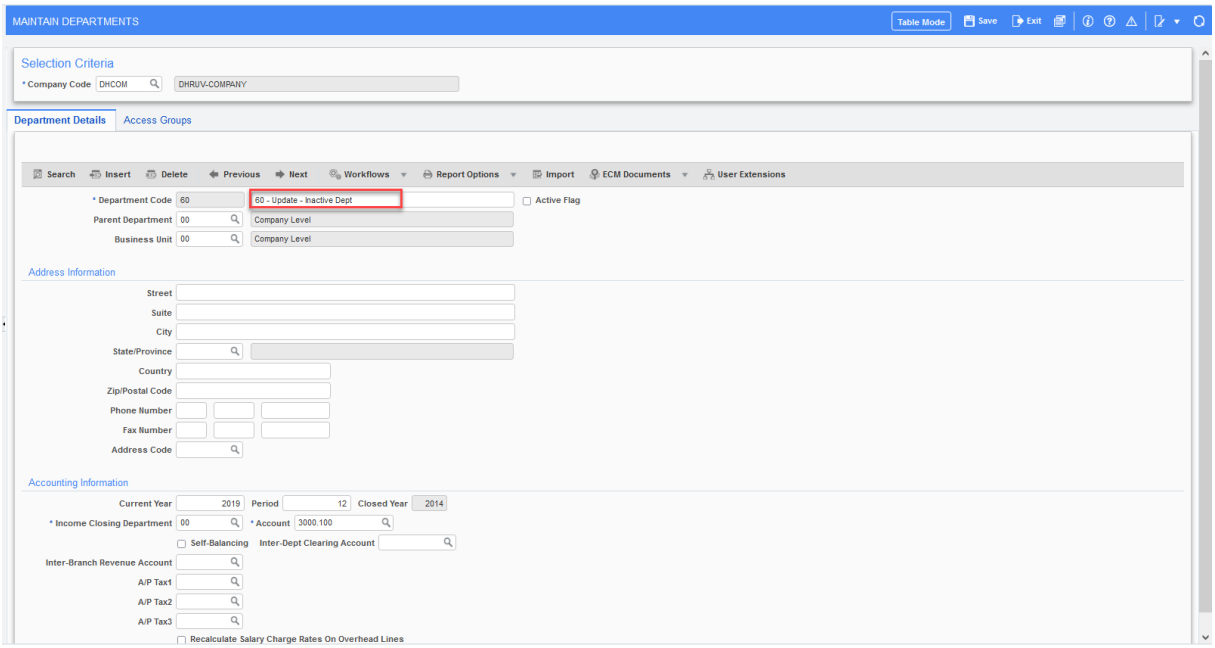
Validation is raised upon updating an inactive department



Case 2: GLINVADPT – Checked (Y)

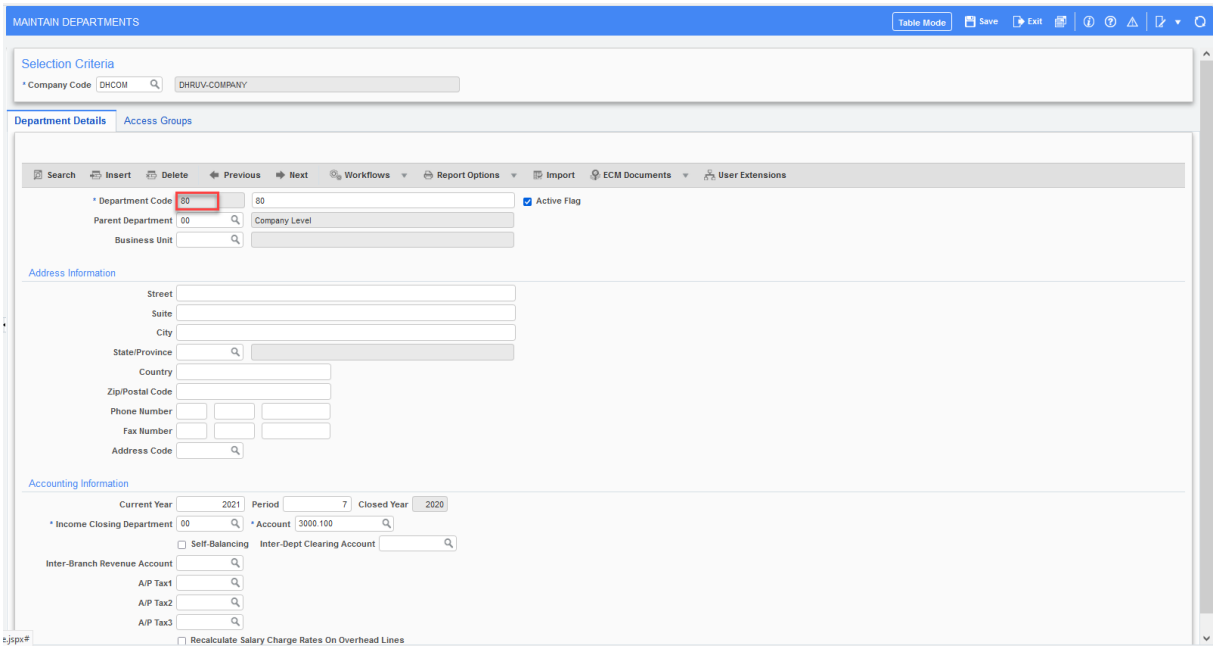


User can update inactive department successfully.

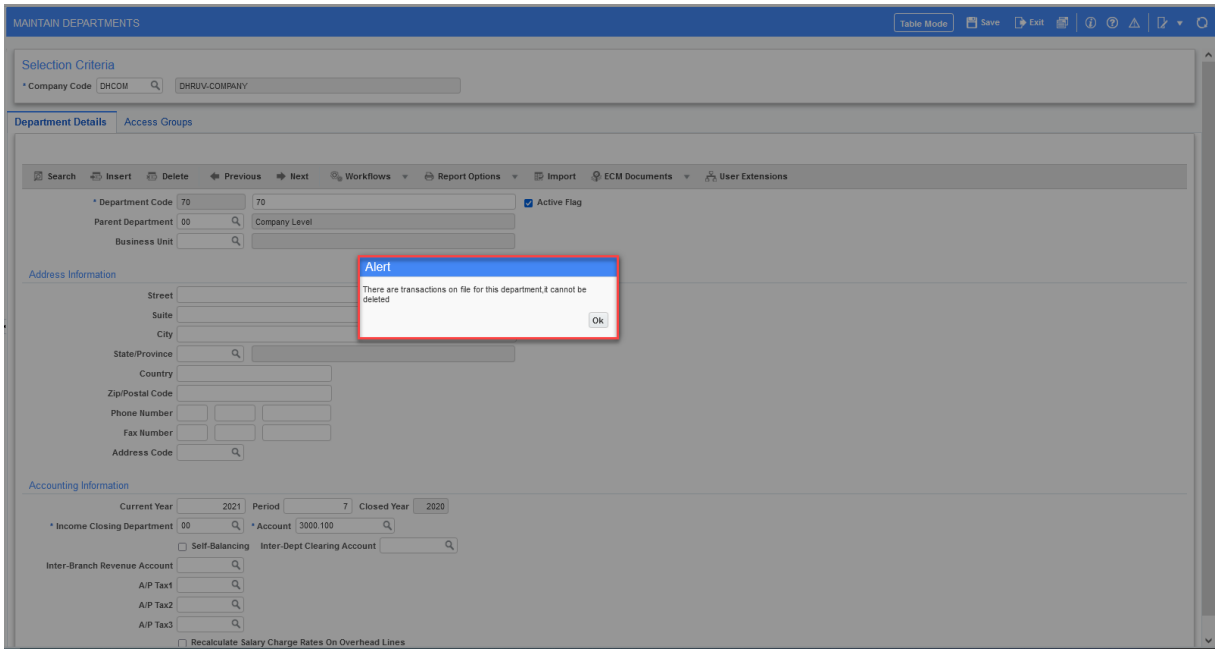


Case 3: Adding New Department

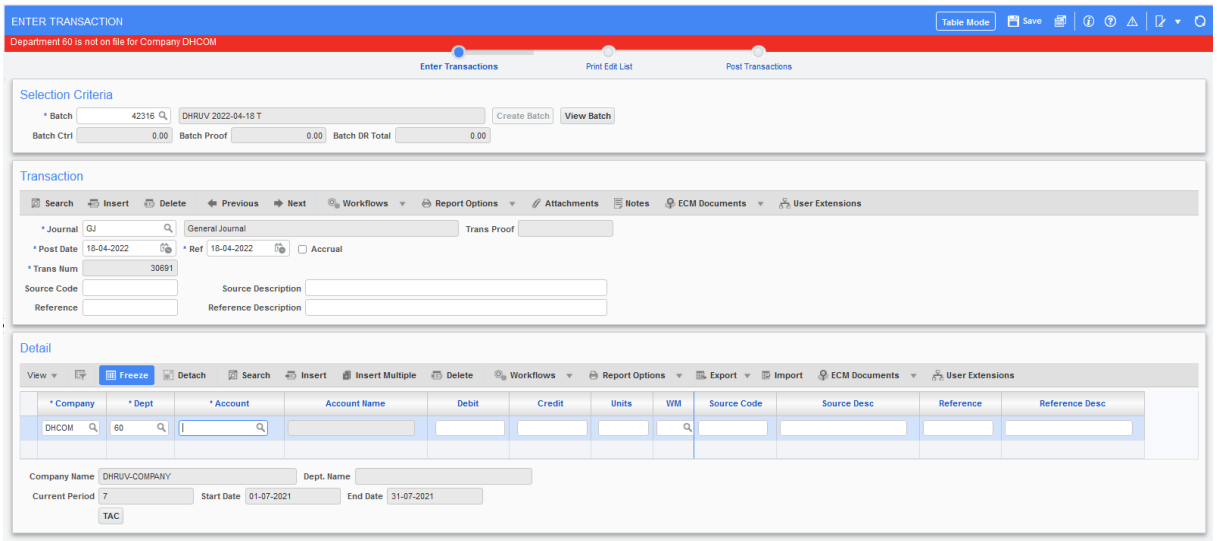
New Department added and deleted successfully.



Case 4: Deleting department with transactions



Case 5: Posting to an inactive department.



Update Transaction TAC Values (21.49642)

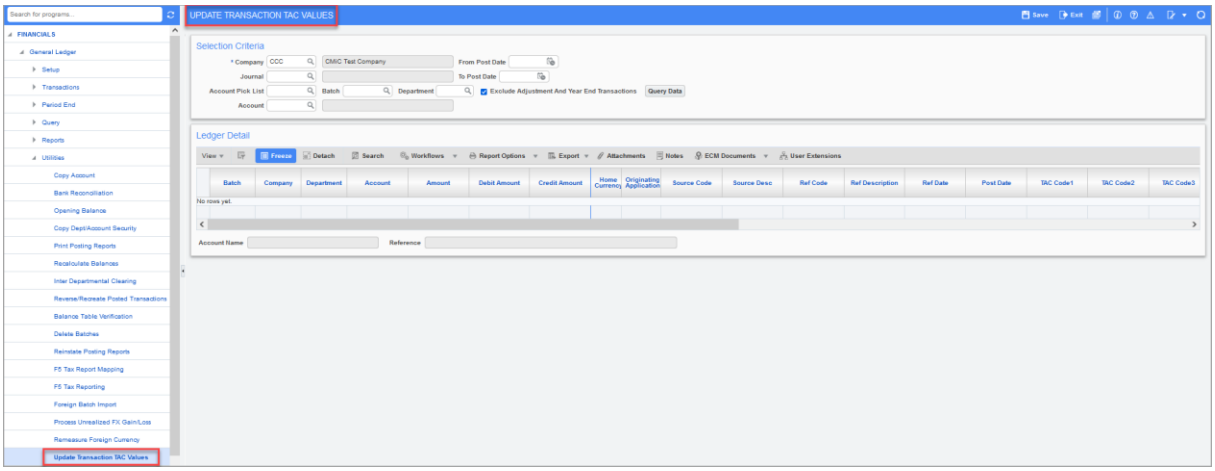
Overview

Converted Update Transaction Values in GL Utility to R12.

Modifications

‘Update Transaction TAC Values’ program is added in General Ledger utility

Path: General Ledger > Utilities > Update Transaction TAC Values



General Ledger > Utilities > Update Transaction TAC Values

This program allows the entry and/or update of any of the 4 available GL TAC code values if the TAC code has been defined for the Consolidation Chart of the company. The 4 GL TAC columns also have LOV's available.

Company: Select the company code from LOV

Journal: Select the journal code from LOV

Further data can be queried using selection criteria fields i.e., Account Pick List, Account, From Post Date, To Post Date, Batch, Department

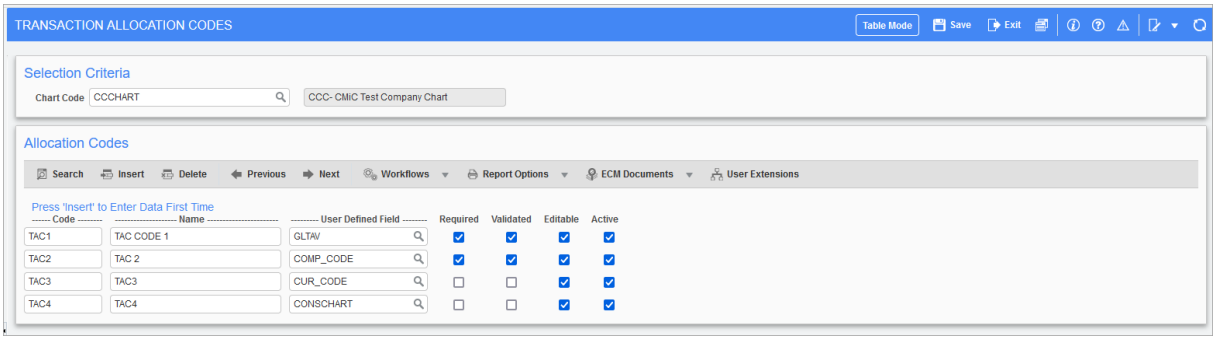
Exclude Adjustment and Year End Transactions – Check the flag to exclude Adjustment and Year End Transaction from the queried data. By default, this flag is checked.

After selecting criteria, users must click on [**Query Data**] button.

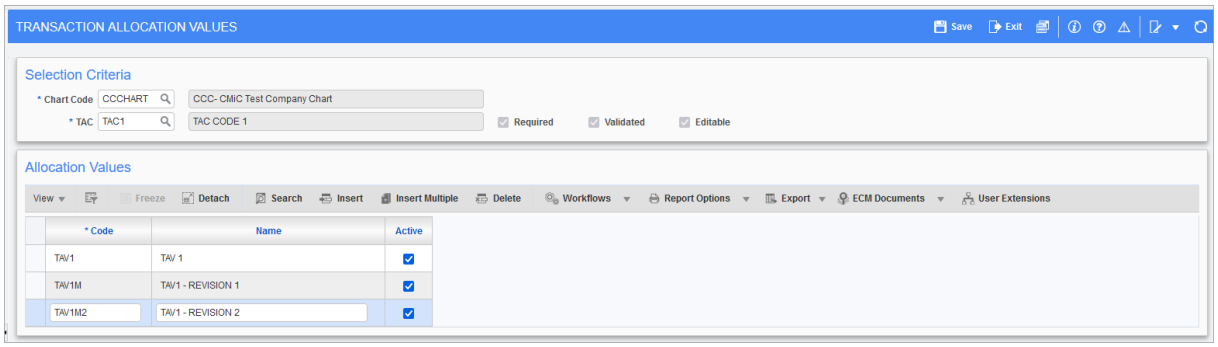
Implementation

Chart Code: CCCHART

TAC Codes are defined for CCCHART.

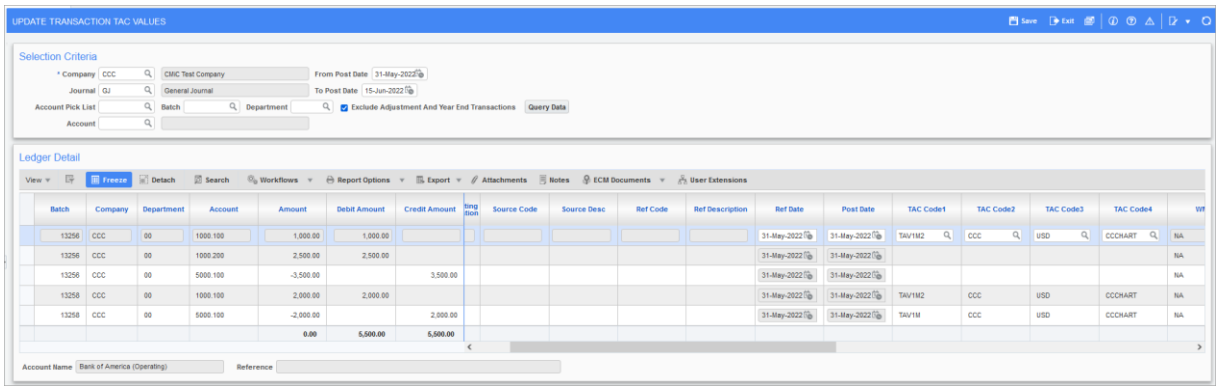


TAC values are defined for TAC1 under CCCHART



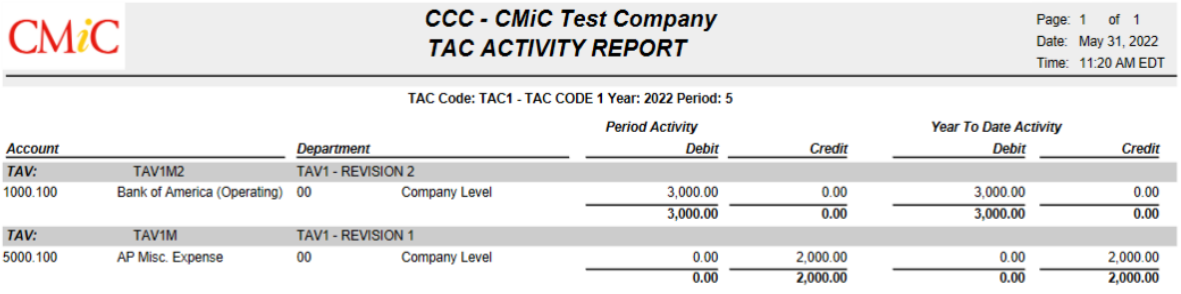
Update Transaction TAC Values

Populate selection criteria and click on [**Query Data**] button.



General Ledger > Utilities > Update Transaction TAC Values

GL TAC Activity Report (GL2500)



CMiC

CCC - CMiC Test Company
TAC ACTIVITY REPORT

Page: 1 of 1
Date: May 31, 2022
Time: 11:20 AM EDT

TAC Code: TAC1 - TAC CODE 1 Year: 2022 Period: 5

Account		Department		Period Activity Debit	Period Activity Credit	Year To Date Activity Debit	Year To Date Activity Credit
TAV:	TAV1M2	TAV1 - REVISION 2					
1000.100	Bank of America (Operating)	00	Company Level	3,000.00	0.00	3,000.00	0.00
				3,000.00	0.00	3,000.00	0.00
TAV:	TAV1M	TAV1 - REVISION 1					
5000.100	AP Misc. Expense	00	Company Level	0.00	2,000.00	0.00	2,000.00
				0.00	2,000.00	0.00	2,000.00

GL Report – TAC Activity Report (GL2500)

GL TAC Activity Report by TAV Values (GL2501)

CMiC

CCC - CMiC Test Company
TAC ACTIVITY REPORT

Page: 1 of 1
Date: May 31, 2022
Time: 11:20 AM EDT

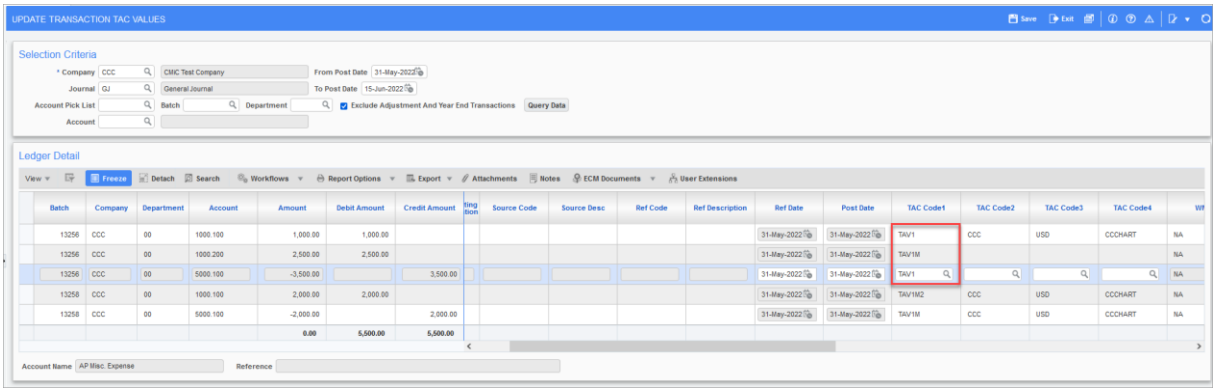
TAC Code: TAC1 - TAC CODE 1 Year: 2022 Period: 5

TAV				Period Activity Debit	Period Activity Credit	Year To Date Activity Debit	Year To Date Activity Credit
Account:	1000.100	Bank of America (Operating)	**Department:** 00	Company Level			
TAV1M2	TAV1 - REVISION 2			3,000.00	0.00	3,000.00	0.00
				3,000.00	0.00	3,000.00	0.00
Account:	5000.100	AP Misc. Expense	**Department:** 00	Company Level			
TAV1M	TAV1 - REVISION 1			0.00	2,000.00	0.00	2,000.00
				0.00	2,000.00	0.00	2,000.00

GL Report – TAC Activity Report by TAV Values (GL2501)

Update Transaction TAC Values

Updated TAC values for account 1000.100, 1000.200, and 5000.100.



General Ledger > Utilities > Update Transaction TAC Values

Update is validated in GL2500, GL2501 report and Transaction Query screen.

GL TAC Activity report (GL2500)

CMiC

CCC - CMiC Test Company
TAC ACTIVITY REPORT

Page: 1 of 1
Date: May 31, 2022
Time: 11:22 AM EDT

TAC Code: TAC1 - TAC CODE 1 Year: 2022 Period: 5

Account		Department		Period Activity Debit	Period Activity Credit	Year To Date Activity Debit	Year To Date Activity Credit
TAV:	TAV1	TAV 1					
1000.100	Bank of America (Operating)	00	Company Level	1,000.00	0.00	1,000.00	0.00
				1,000.00	0.00	1,000.00	0.00
TAV:	TAV1M2	TAV1 - REVISION 2					
1000.100	Bank of America (Operating)	00	Company Level	2,000.00	0.00	2,000.00	0.00
				2,000.00	0.00	2,000.00	0.00
TAV:	TAV1M	TAV1 - REVISION 1					
1000.200	Bank of America (Payroll)	00	Company Level	2,500.00	0.00	2,500.00	0.00
				2,500.00	0.00	2,500.00	0.00
TAV:	TAV1M	TAV1 - REVISION 1					
5000.100	AP Misc. Expense	00	Company Level	0.00	2,000.00	0.00	2,000.00
				0.00	2,000.00	0.00	2,000.00
TAV:	TAV1	TAV 1					
5000.100	AP Misc. Expense	00	Company Level	0.00	3,500.00	0.00	3,500.00
				0.00	3,500.00	0.00	3,500.00

GL Report – TAC Activity Report (GL2500)

GL TAC Activity Report by TAV Values (GL2501)

CMiC

CCC - CMiC Test Company
TAC ACTIVITY REPORT

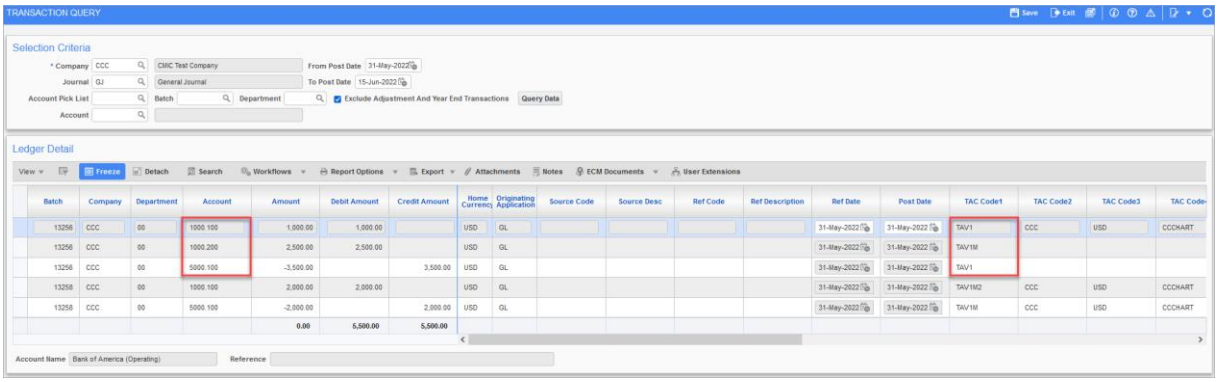
Page: 1 of 1
Date: May 31, 2022
Time: 11:23 AM EDT

TAC Code: TAC1 - TAC CODE 1 Year: 2022 Period: 5

TAV				Period Activity Debit	Period Activity Credit	Year To Date Activity Debit	Year To Date Activity Credit
Account:	1000.100	Bank of America (Operating)	Department:	00	Company Level		
TAV1	TAV 1			1,000.00	0.00	1,000.00	0.00
TAV1M2	TAV1 - REVISION 2			2,000.00	0.00	2,000.00	0.00
				3,000.00	0.00	3,000.00	0.00
Account:	1000.200	Bank of America (Payroll)	Department:	00	Company Level		
TAV1M	TAV1 - REVISION 1			2,500.00	0.00	2,500.00	0.00
				2,500.00	0.00	2,500.00	0.00
Account:	5000.100	AP Misc. Expense	Department:	00	Company Level		
TAV1M	TAV1 - REVISION 1			0.00	2,000.00	0.00	2,000.00
TAV1	TAV 1			0.00	3,500.00	0.00	3,500.00
				0.00	5,500.00	0.00	5,500.00

GL Report – TAC Activity Report by TAV Values (GL2501)

GL Transaction Query



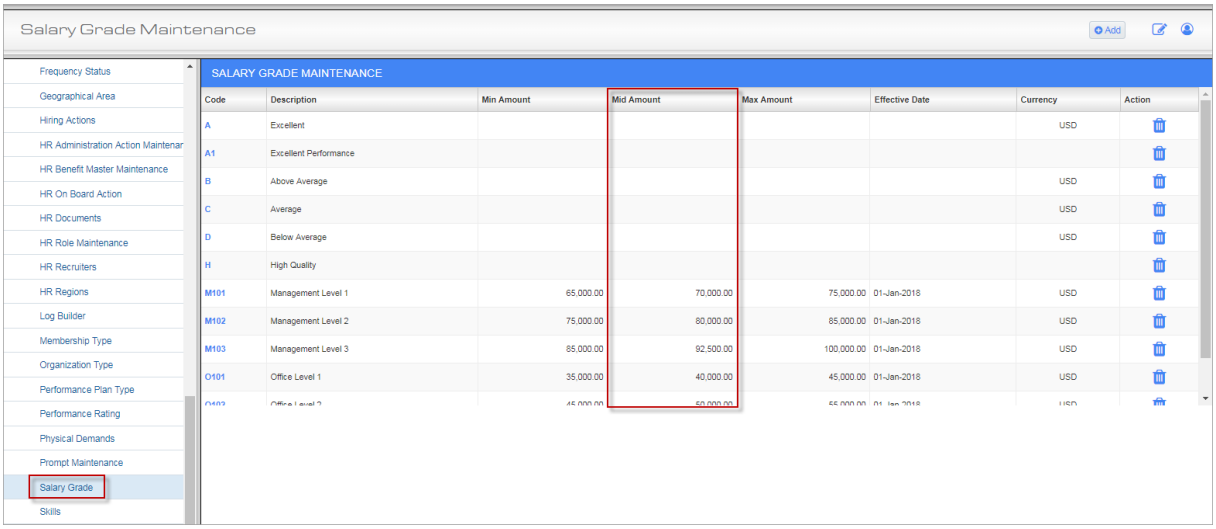
GL Transaction Query

Human Capital Management

Addition of a new field “Mid Amount” to the HCM Salary Grade Maintenance screen. (16.19956)

CMiC added a new field “Mid Amount” on Salary Grade Maintenance screen under HCM File Maintenance to allow users to enter a mid-range salary by grade.

Note: Please note that salary range information entered here is for informational purposes only. It would be a separate modification to utilize this new information on any other screens or report.

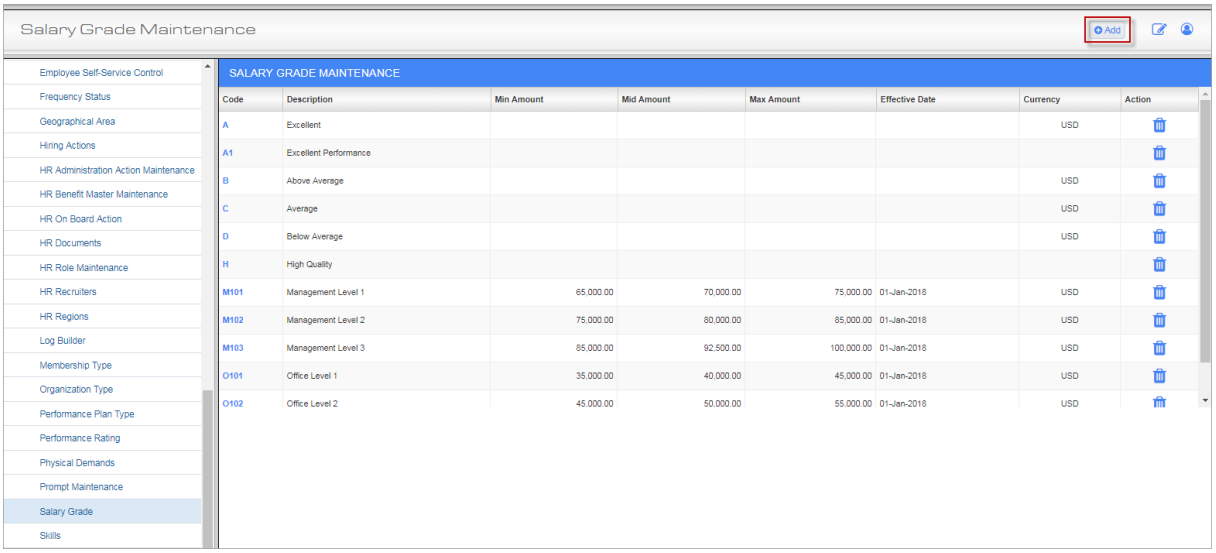


Adding Salary Grade

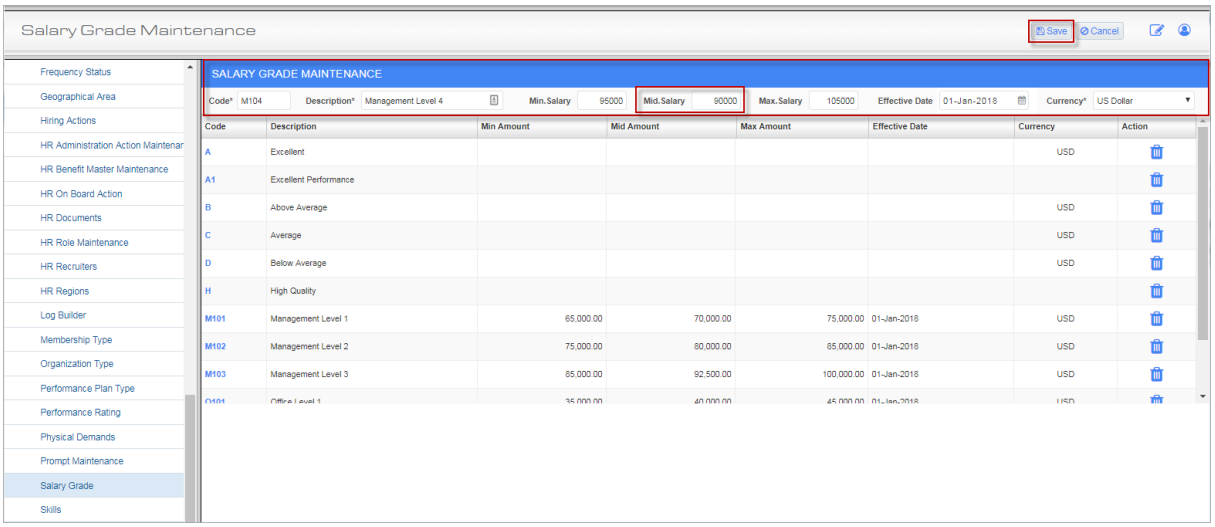
To add a Salary Grade, use the [**Add**] button at the top of the screen. This will open two new fields above the list of Salary Grades already defined. **Code** and **Description** are required fields. Enter/Select Code, Description is populated based on selected Code, enter **Min.Salary**, **Mid.Salary**, **Max.Salary** amount with effective date and applicable currency. Click on the [**Save**] button to save the record.

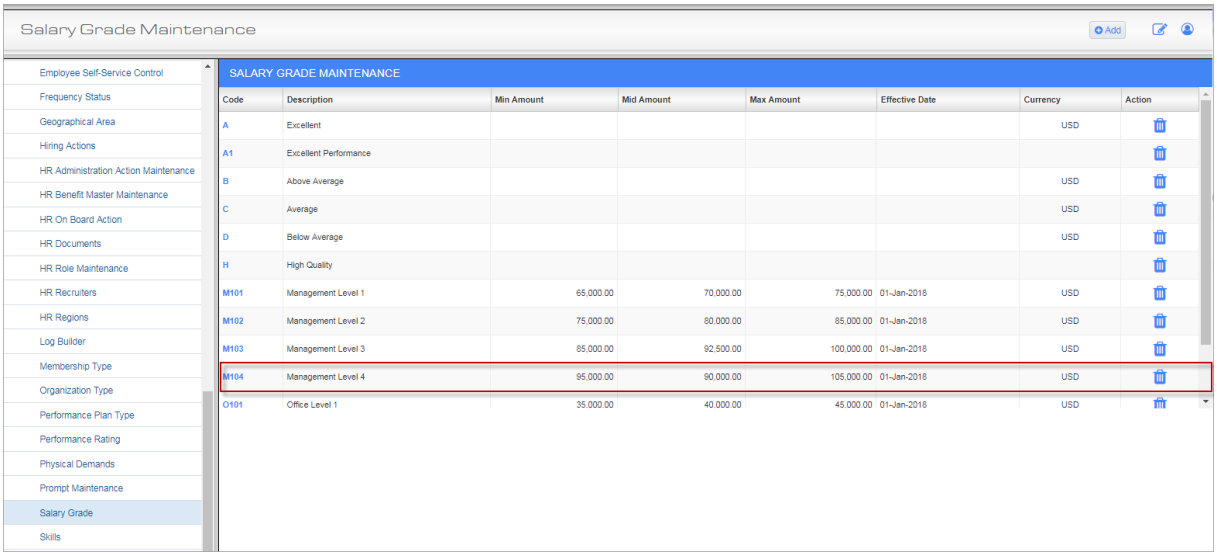
To exit Add Mode without saving any changes use the [**Cancel**] button.

Select [**Add**] Button.



Enter the required information and [**Save**] record.





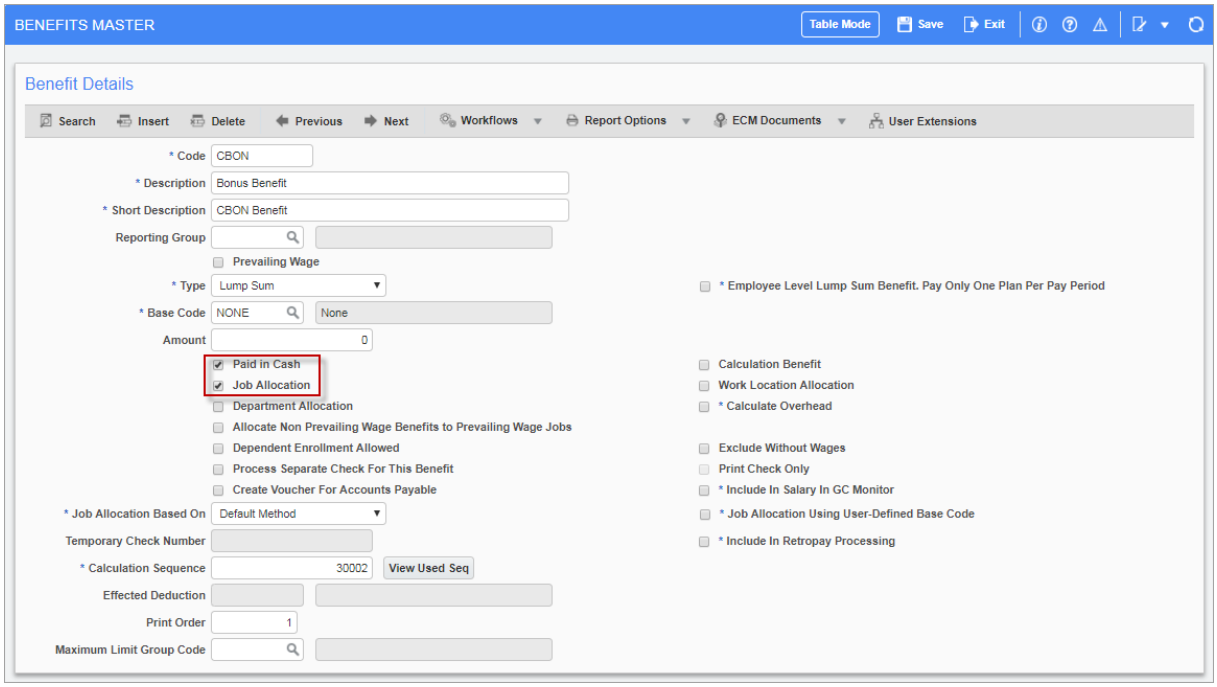
Addition of new screen ‘HR Benefit Master Maintenance’ – HCM File Maintenance (16.25454)

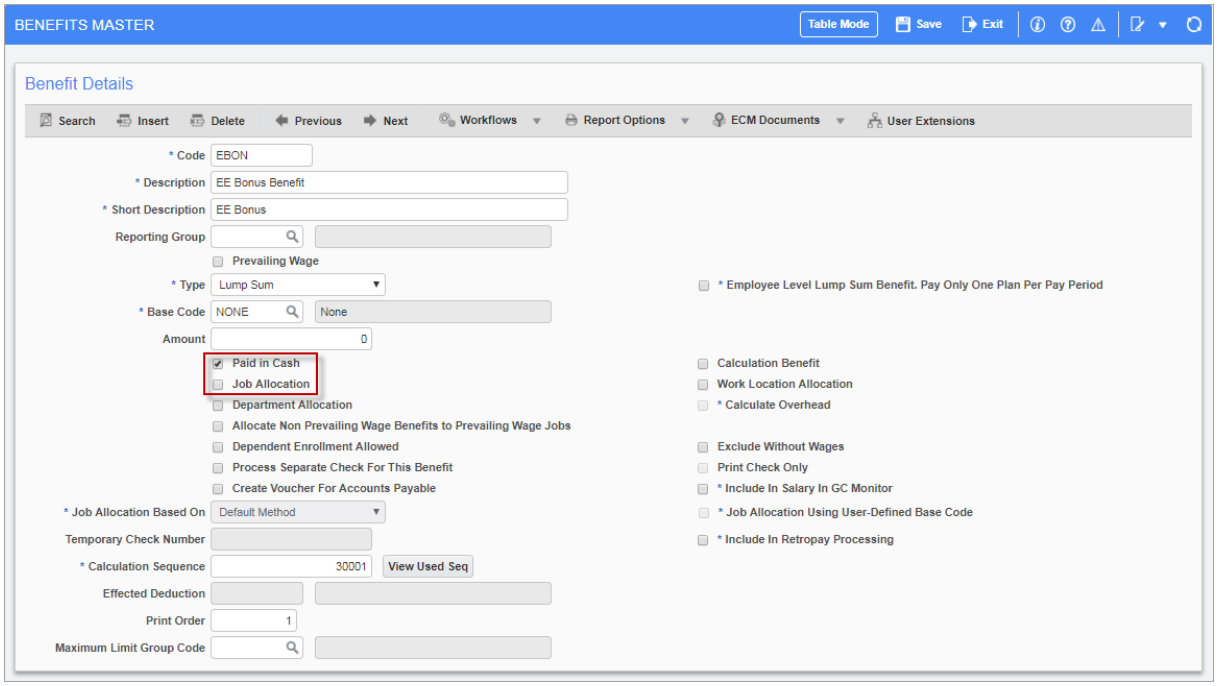
Overview: The addition of a new screen ‘**HR Benefit Master Maintenance’** works in conjunction with the modifications made to Employee Bonus History Program in Employee Console, to enhance the functionality and processing order in HCM JSP.

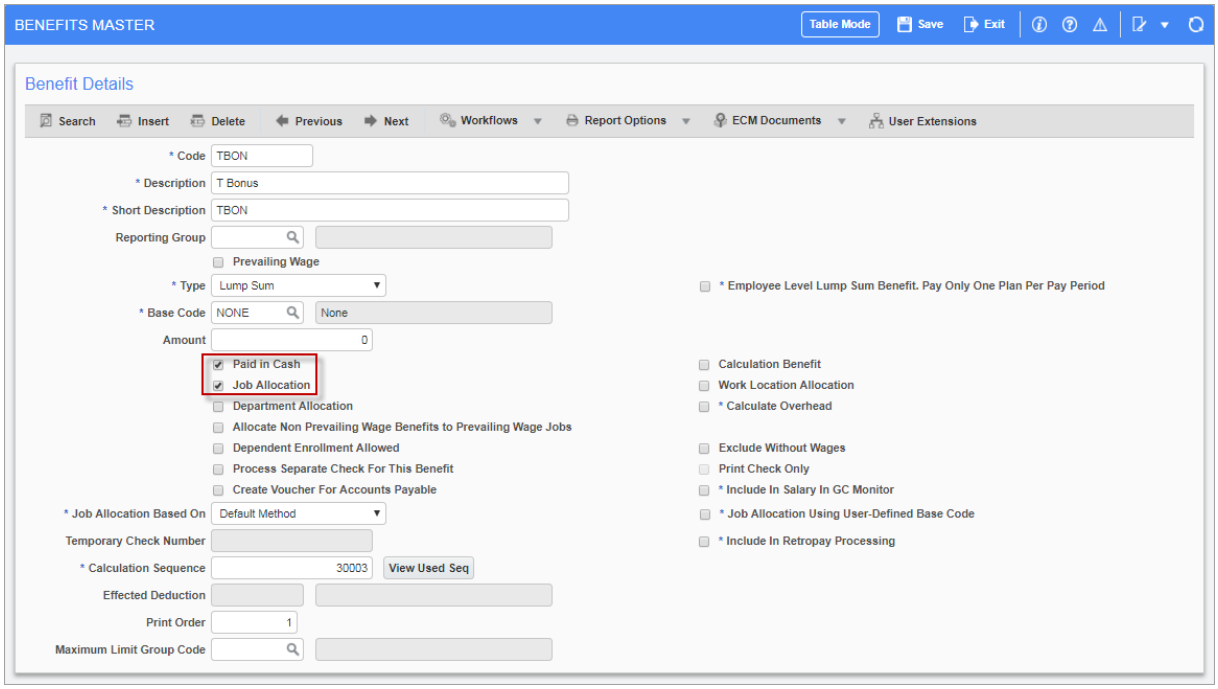
HR Benefit Master Maintenance: CMiC has created a new JSP screen named ‘**HR Benefit Master Maintenance’** under HCM File Maintenan**ce.** Addition of a New flag named ‘Bonus’ to this HR Benefit Master screen. Function of the flag is to display the benefit in HCM Employee Console, Bonus History screen. CMiC has also included the HR related flag for ‘dependent enrollment’ in this screen. The new flag ‘Bonus’ introduced is only available in HR Benefit Master screen.

Step 1: PY Master Benefit Setups

Created three new bonuses in FORMS. Bonuses with Job allocation flag enabled and disabled.


BENEFITS MASTER
Table Mode
Save
Exit
Benefit Details
Search
Insert
Delete
Previous
Next
Workflows
Report Options
ECM Documents
User Extensions
* Code
CBON
* Description
Bonus Benefit
* Short Description
CBON Benefit
Reporting Group
Prevailing Wage
* Type
Lump Sum
* Base Code
NONE
None
Amount
0
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
30002
View Used Seq
Effected Deduction
Print Order
1
Maximum Limit Group Code
* 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

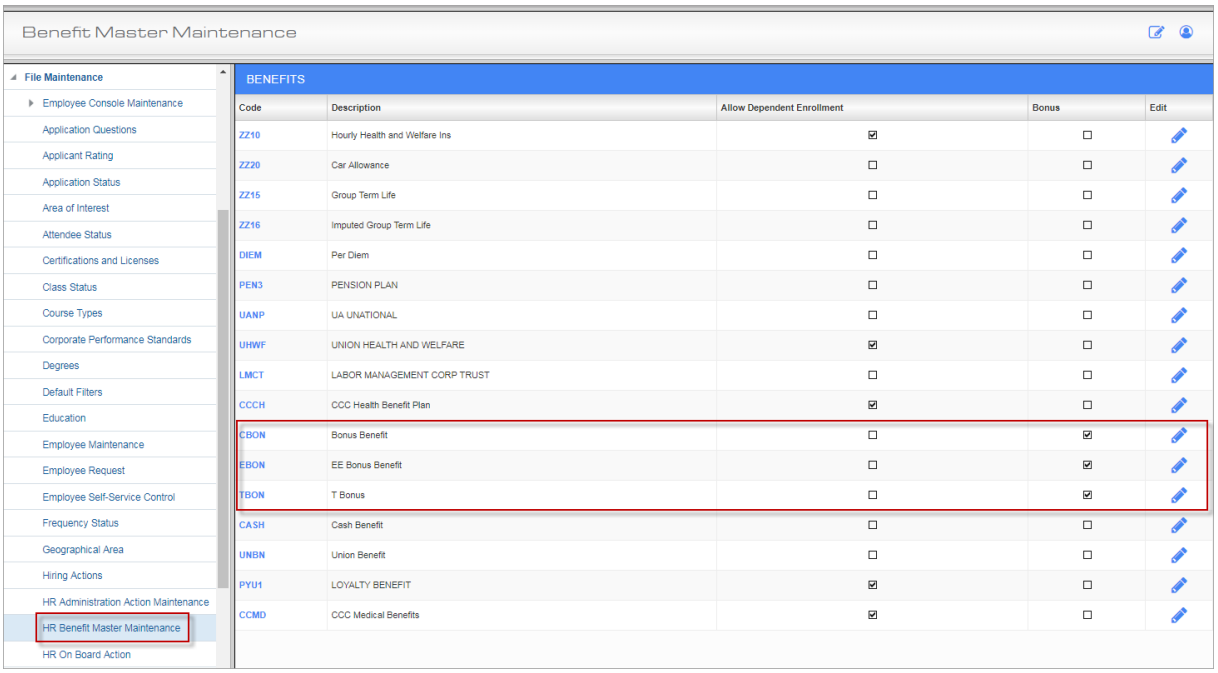

BENEFITS MASTER
Table Mode
Save
Exit
Benefit Details
Search
Insert
Delete
Previous
Next
Workflows
Report Options
ECM Documents
User Extensions
* Code
EBON
* Description
EE Bonus Benefit
* Short Description
EE Bonus
Reporting Group
Prevailing Wage
* Type
Lump Sum
* Base Code
NONE
None
Amount
0
Paid in 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
30001
View Used Seq
Effected Deduction
Print Order
1
Maximum Limit Group Code
* 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



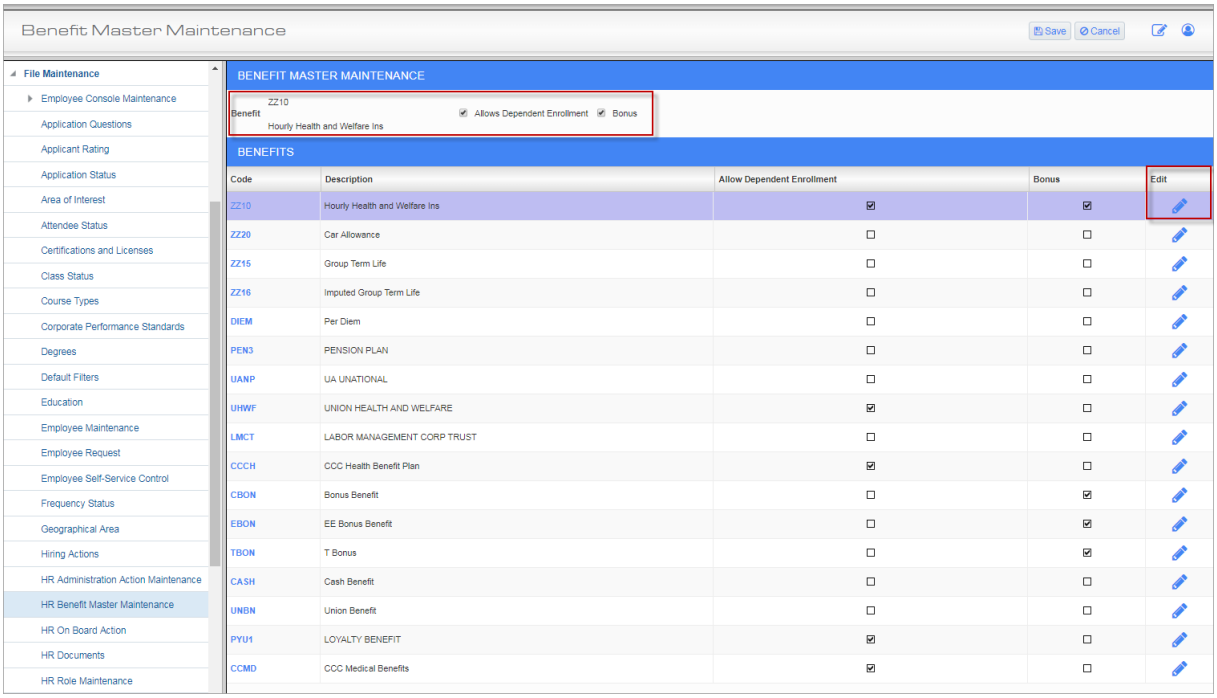
Step 2: HCM File Maintenance – HR Benefit Master Screen

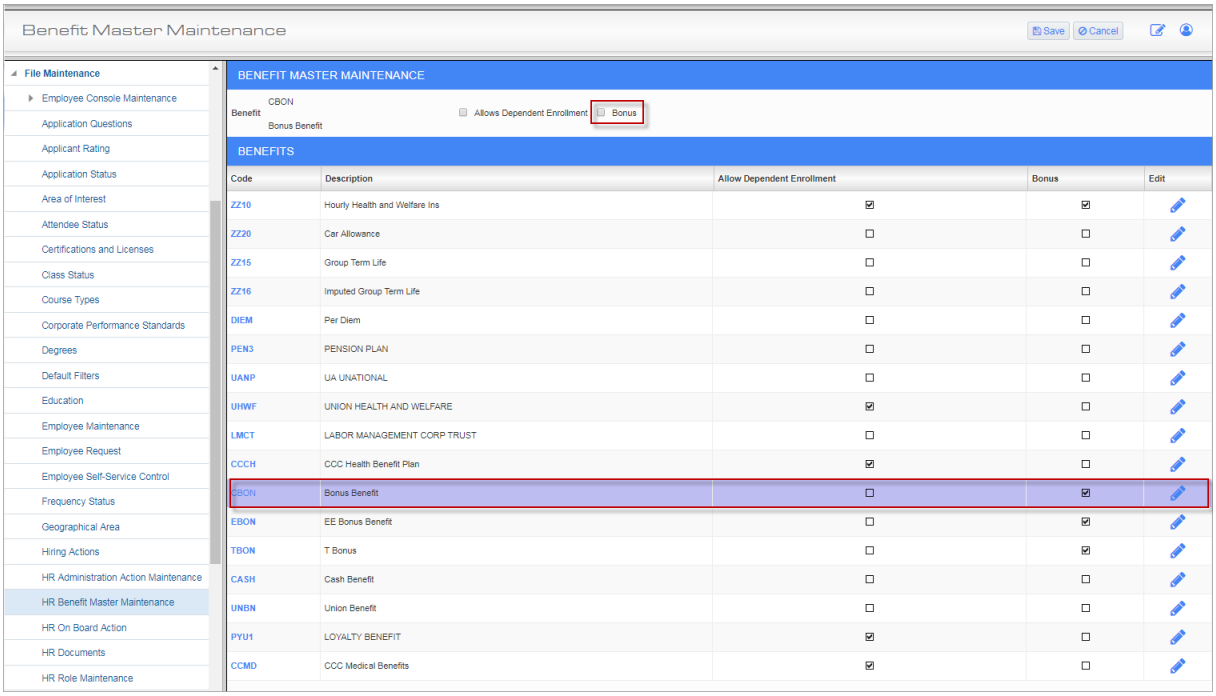
The two newly created Bonus Benefits should now display on the JSP HR Benefit Master Screen. The New Benefit Master Maintenance JSP screen will be available and maintainable via the HCM JSP under File Maintenance.

Note: Other benefits and bonuses from PY and HR Master Benefit screen in FORMS are also feeding into the new JSP HCM HR Benefit Master Screen

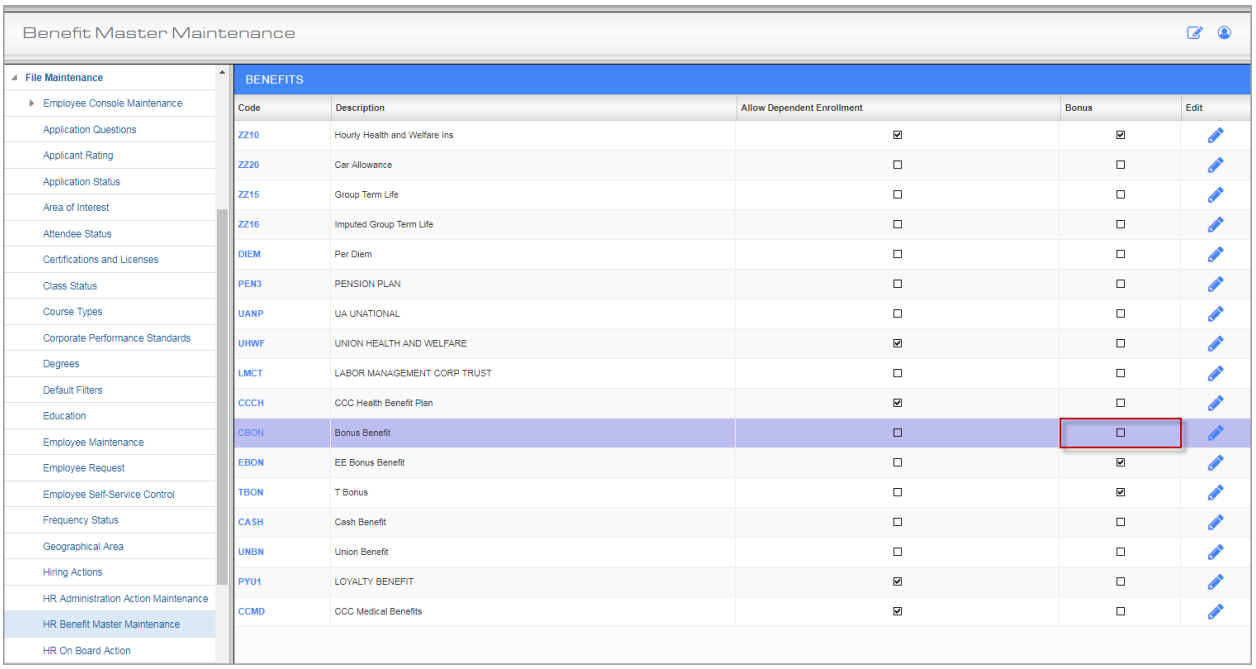


User can select the [Edit] Log Button to check and uncheck flag.

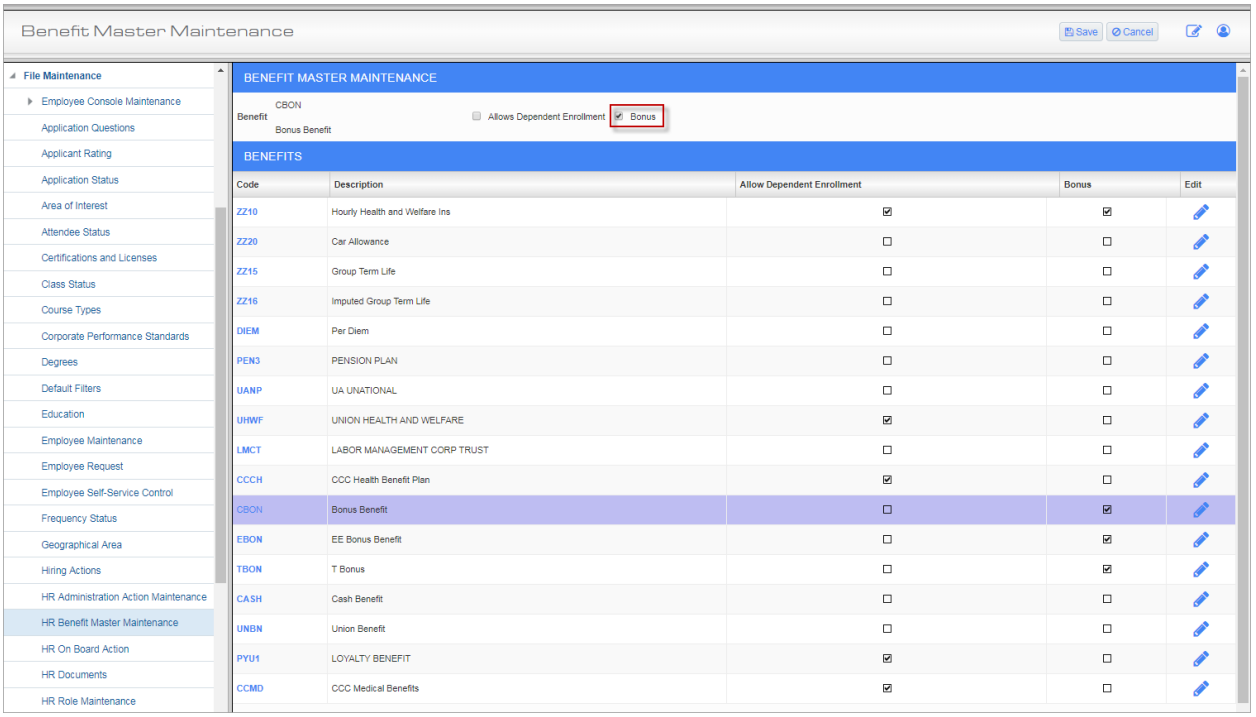




Unchecked Bonus flag and saved. CBON Bonus flag is disbaled.



Check Flag for Bonus will mark the EBON Code with description EE Bonus Benefit as Bonus.

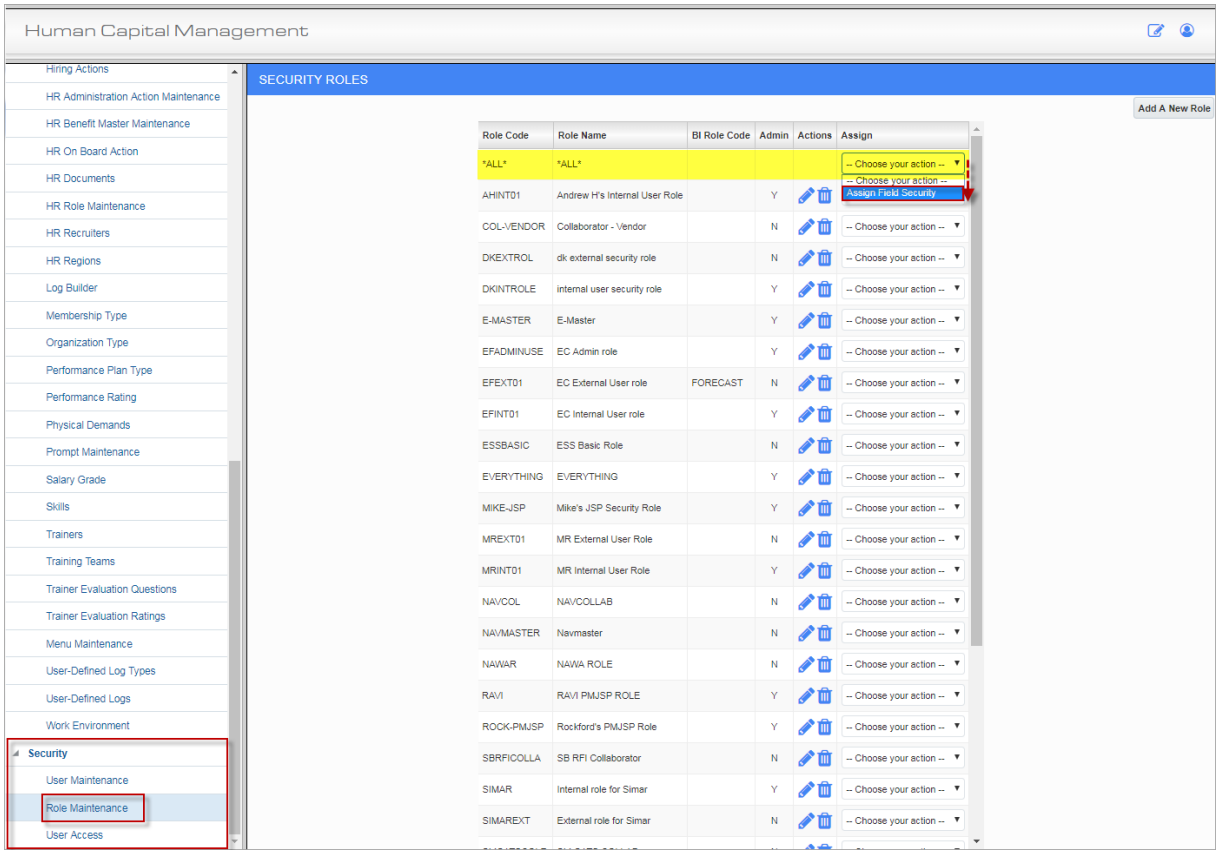


Apply Field Security to ‘HR Training Classes Program’ – HCM Security & Role Maintenance (16.28449)

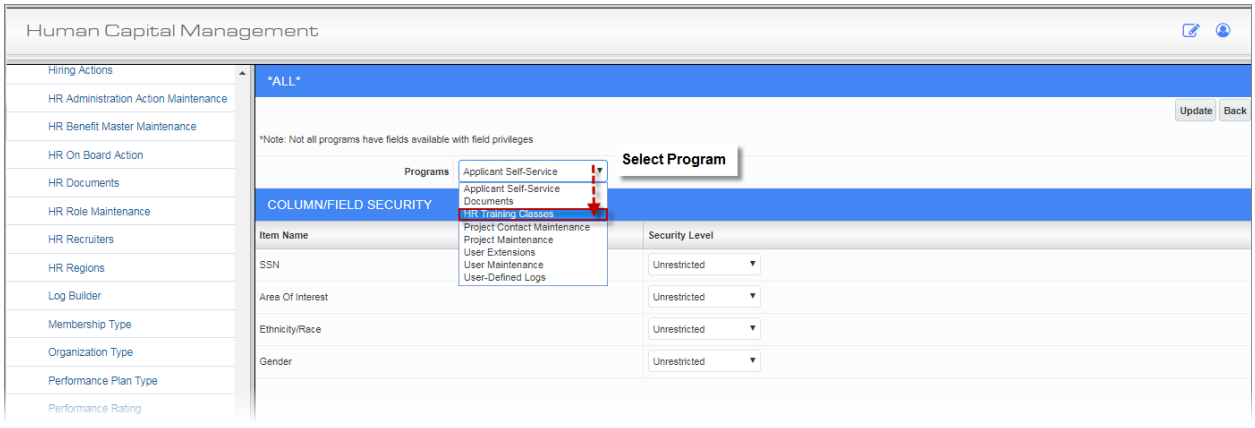
Modification made to HR Training Class Program to allow users to Unrestricted and or Hide the Items below: Add, Delete and Edit Buttons through Role Maintenance and field security.

Security and Role Maintenance

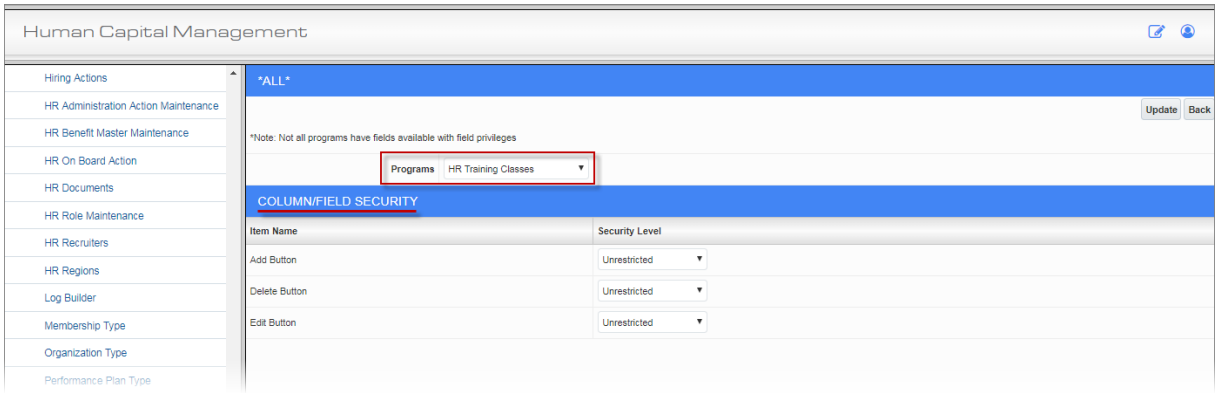
Under Security>Role Maintenance: Select Assign Field Security



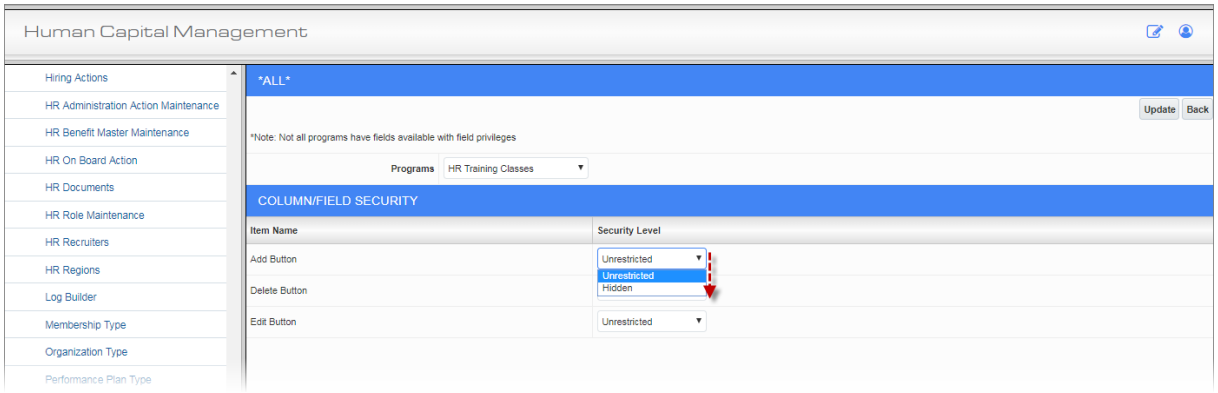
Select Program HR Training Classes to assign the field security



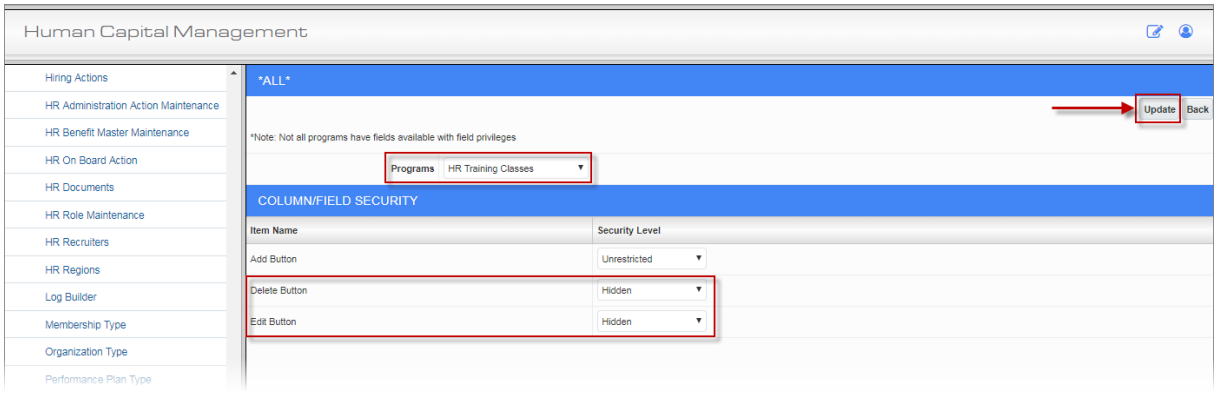
Add Button, Delete Button and Edit Button are all unrestricted.



Assign field security for each of the items, as required:



Update (save) changes

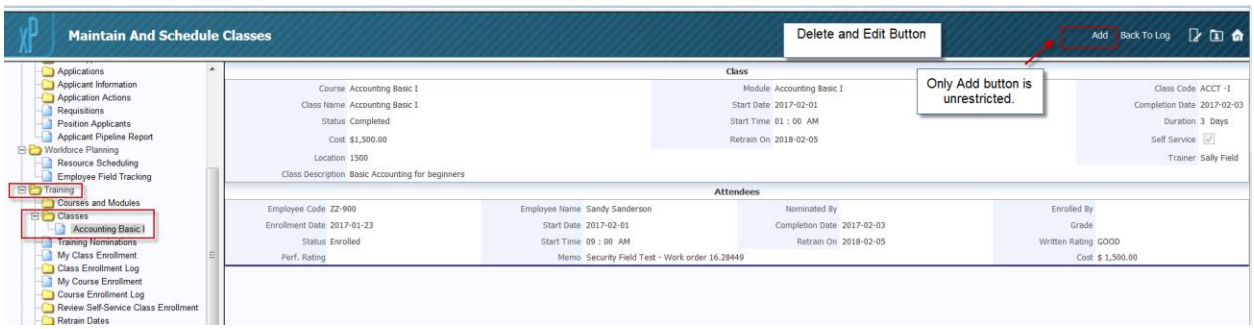


HR Training Classes – Maintain and Schedule Classes

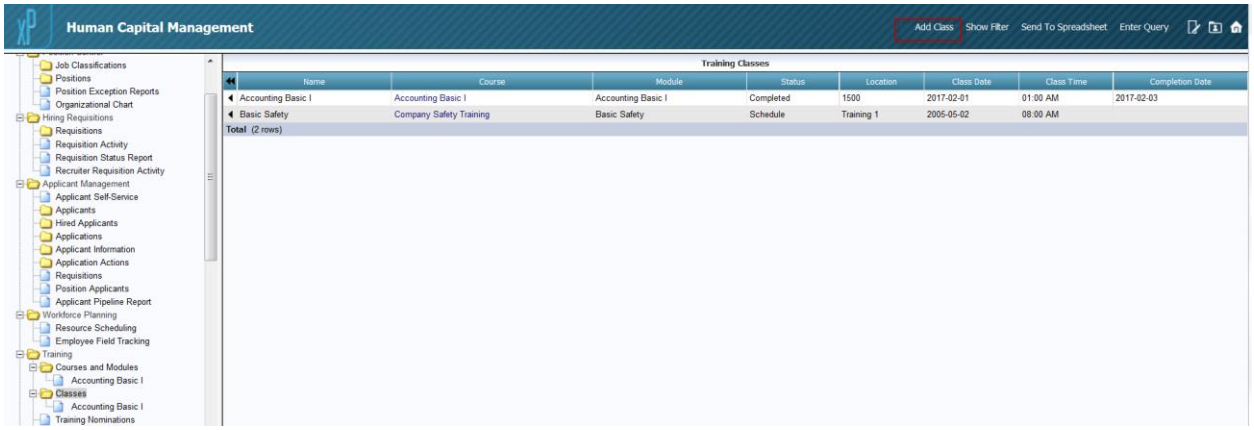
Go Back to HR Training Classes Screen: As per the field security assigned, HR Training Maintain Schedule Classes screen has Add button visible and unrestricted. The Delete and Edit buttons are hidden as per assigned field security under the HR Training Classes Program.

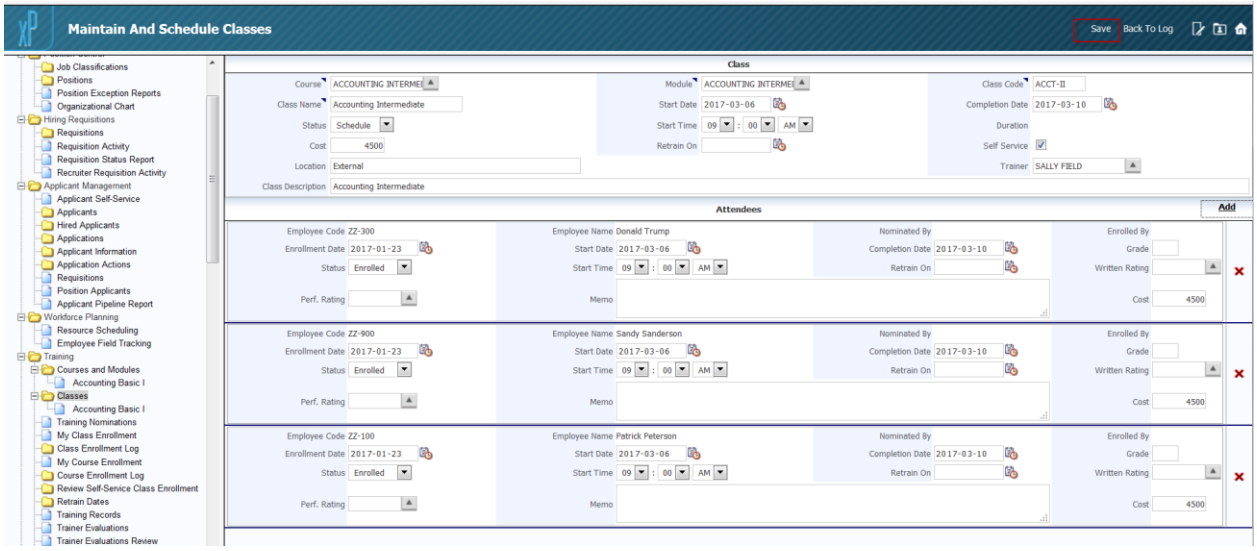
Open previous classes and verify if the field security has been applied.

Previous class – Accounting Basic I on the Maintain and Schedule Class has applied field security for items Edit and Delete buttons. These items are now hidden and not available on the screen. Only Add button is available as per defined security by the user.

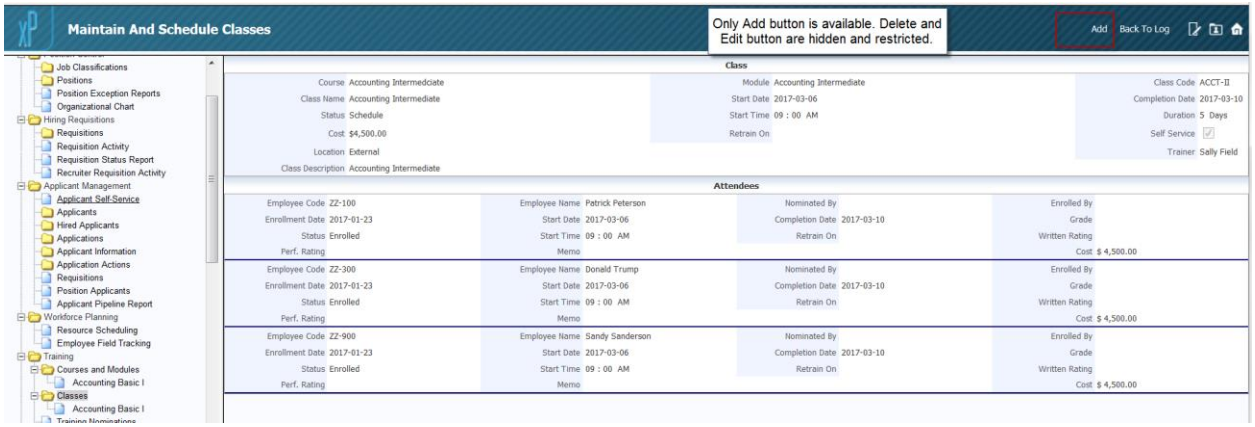


With the new field security assigned, Add and Schedule a new Class

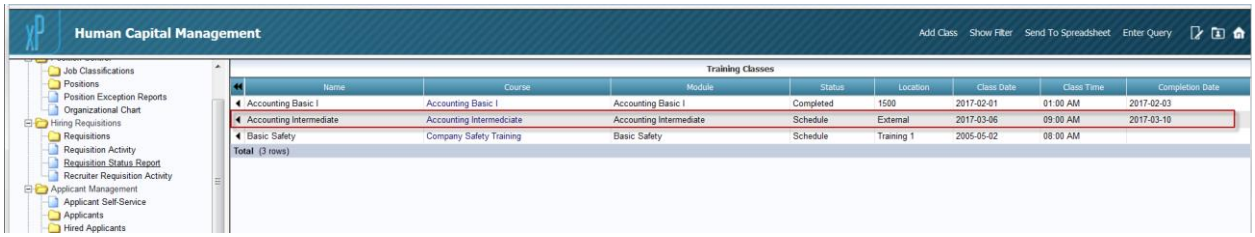


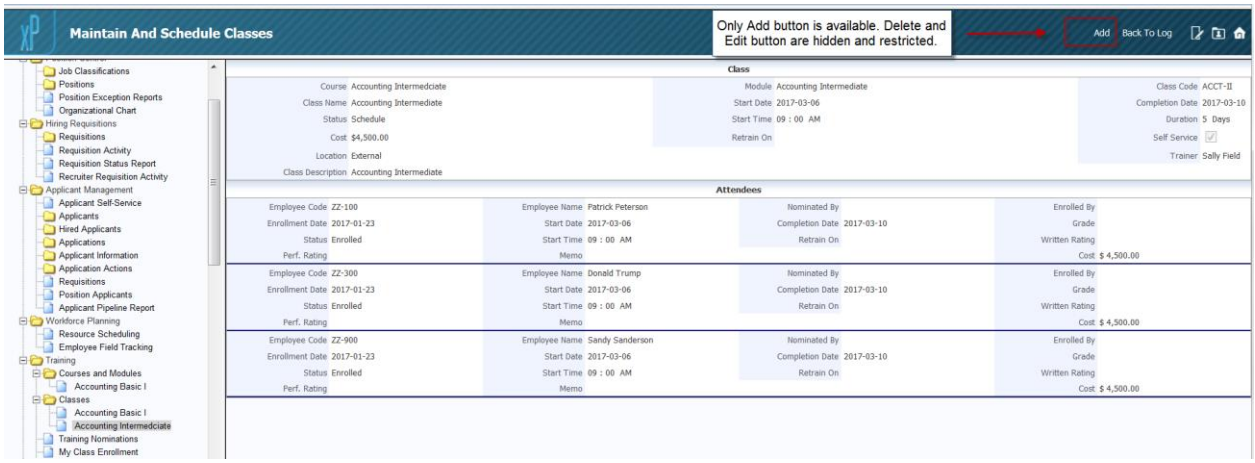


Saved Class



Back to Log, Select Class





ESS - Open Enrollment & Qualifying Event Rejected Email Notes

(17.31050)

CMiC has modified and added the feature to include Notes from a rejected ESS transaction in the '**Rejected**' email message that is send to the employee for both Qualifying Events & Open Enrollment.

The open enrollment and qualifying events email subject will now include all notes and communication when sending an email to Employee. All notes will be included in the email, by order of latest notes first.

NOTE: Approver does not receive email when employee submits.

Prompt Maintenance

Prompt Maintenance – Rejected Email Text and Properties

Go to HCM > File Maintenance, under ‘Prompt Maintenance’ screen, and select Query Mode.

Message Key for Open Enrollment is ‘ESS_Request_Reject_Email_OE’ and Qualifying Event is ‘ESS_Request_Reject_Email_QE’. Select Query mode, enter the above and execute query.

User can edit the CMiC standard email message text here, but should not remove the parameters of {0}, {1} & {2}.

HCM Field Tracking new added columns (17.40876)

CMiC has made modifications to Field Tracking program adding 4 more columns. Column names and their mapping details are as follows:

1. POSITION – is retrieved from Employee profile > HCM Tab
2. PAY RATE – is based on "Preferred Pay Rate" setup in Employee Profile.
3. JOB LAST PAID - This information is available in Human Resource > Personal > Employee Query and will be retrieved from this form and populate in field tracking HCM screen.
4. LAST PAID DATE – is retrieved Job Last Paid. This information is available in Human Resource > Personal > Employee Query and will be retrieved from this form and populate in field tracking HCM screen.

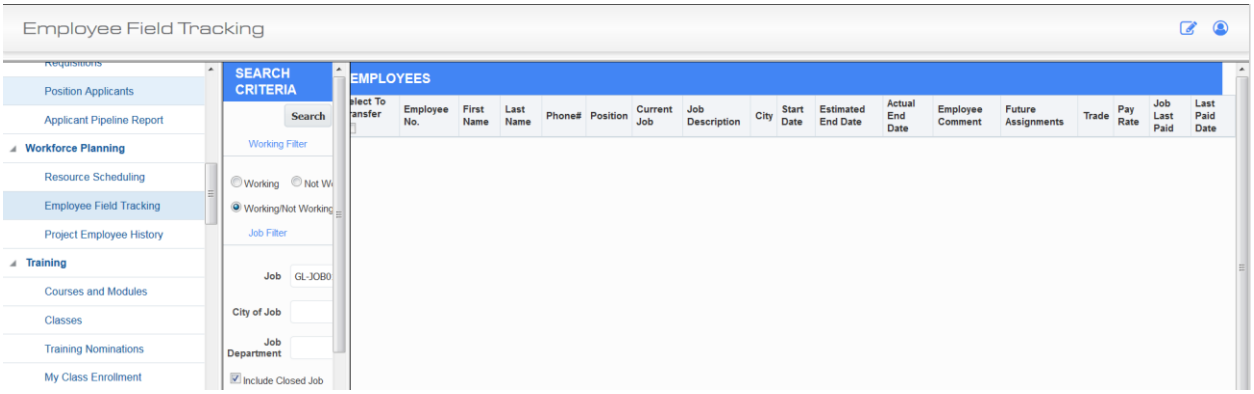
NOTE: Employee ‘Preferred Pay Rate’ setup – If employee is unionized then system will retrieve rate from Union/Trade setup. If Employee is non-unionized, then system will retrieve from trade setup. If no setup is found rate will be ‘0’.

User must have the ‘Include In Field Tracking’ flag checked on the employee profile for the employee.

User must setup Contact information for the employee in project management under contacts

HCM Manager – Employee Field Tracking Screen

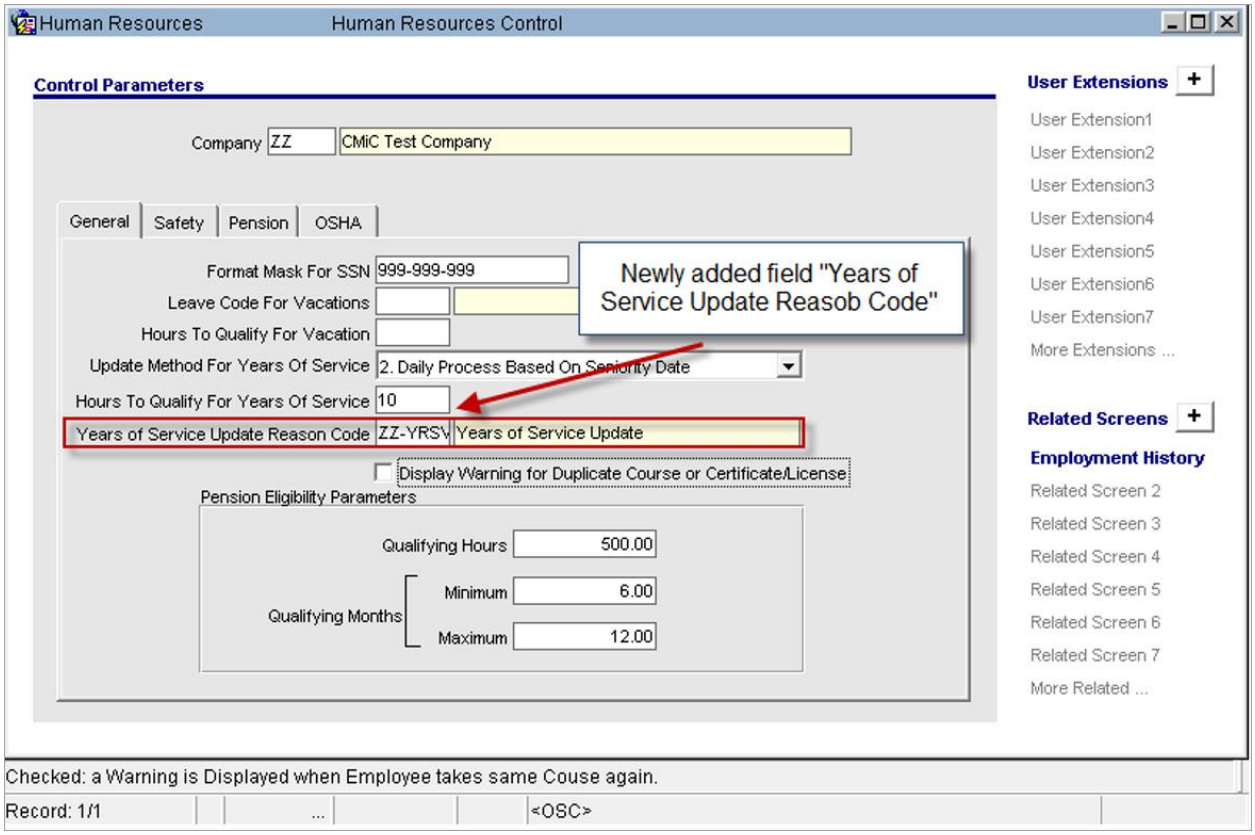
Employee Field Tracking screen has the four added columns displayed and populated.



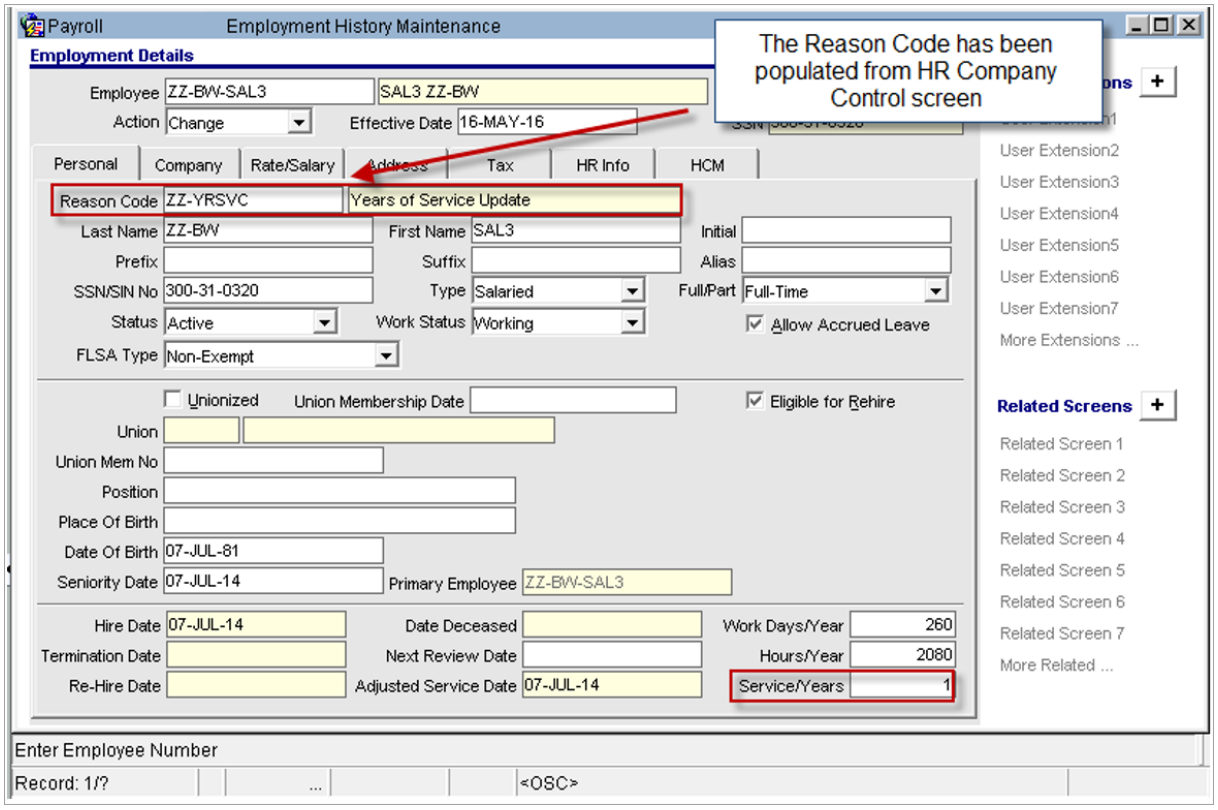
Human Resource

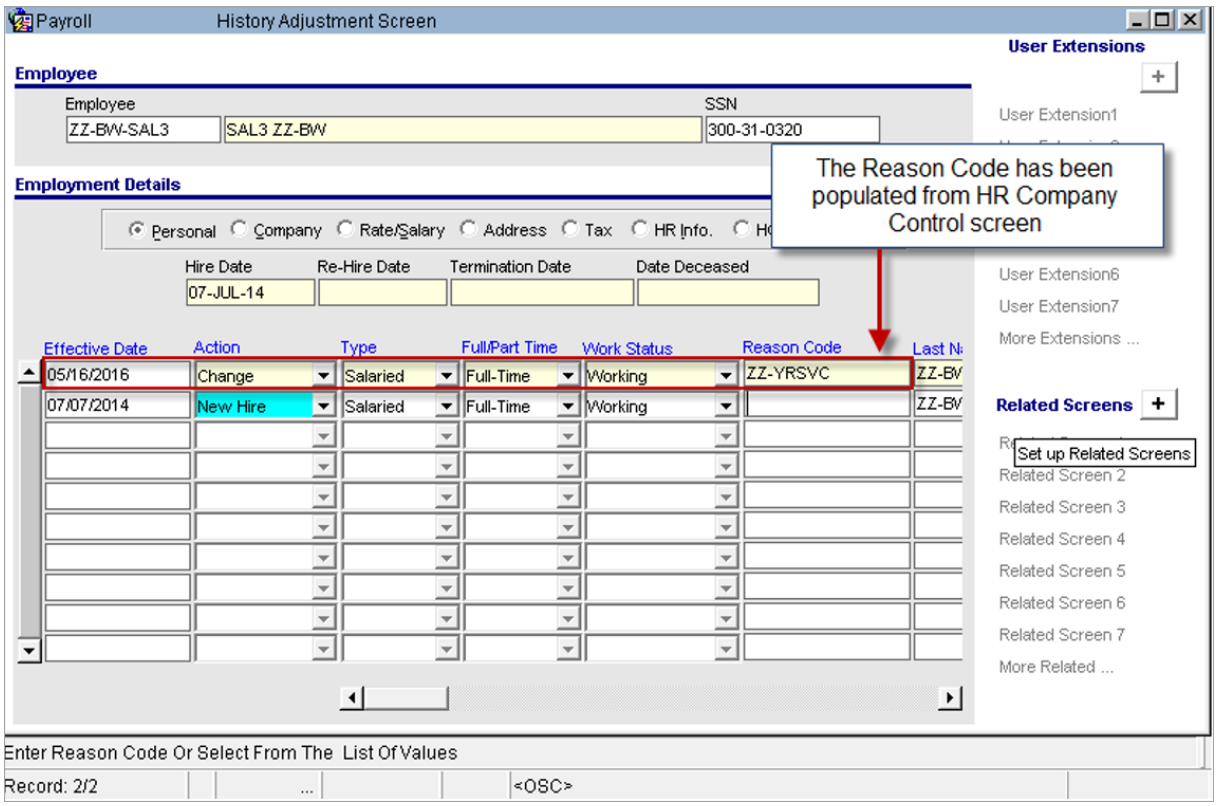
Addition of a new field “Years of Service Update Reason Code” to HR Company control screen (15.08775)

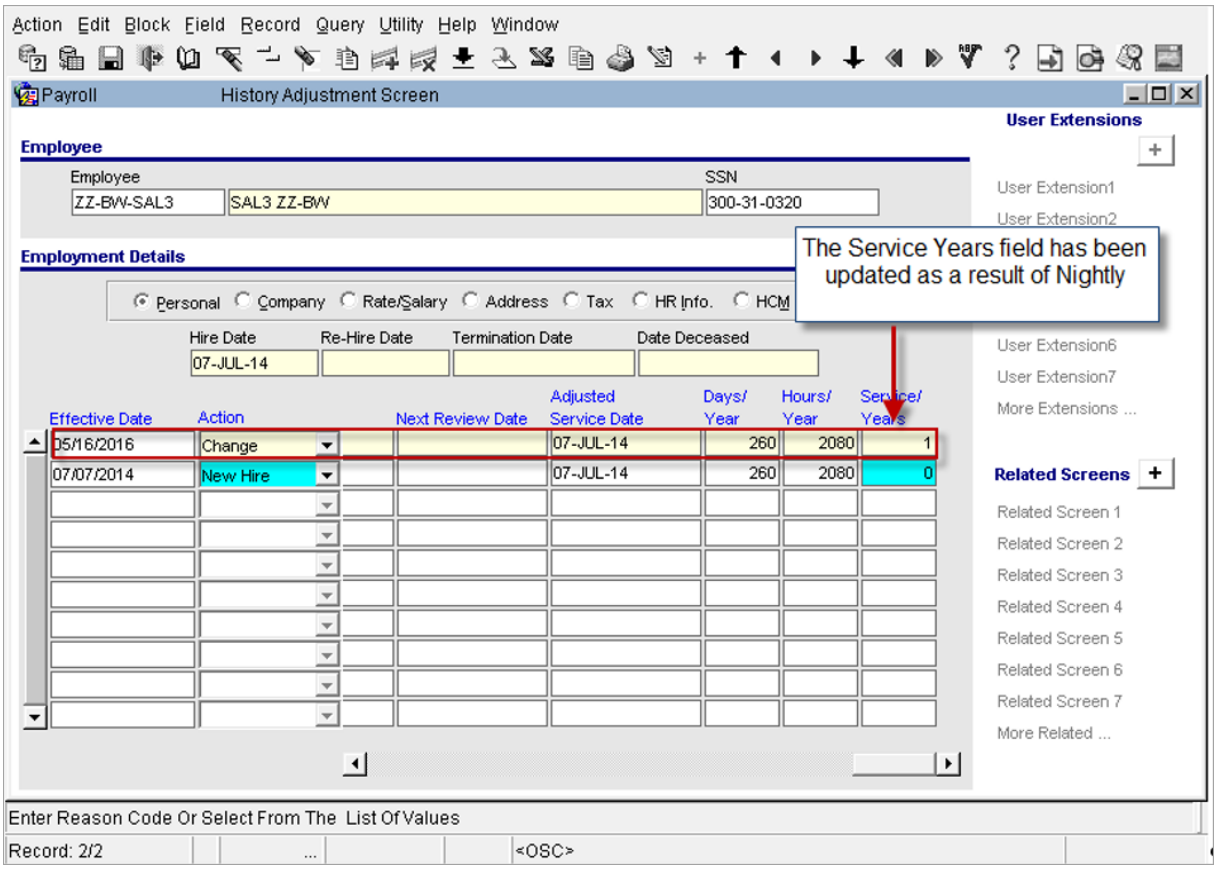
CMiC added a new field under HR - Setup - Local Tables - Control to allow users to setup a Reason Code for 'Years-of-Service History Change by Nightly Process'. The nightly utility is modified to use the newly added reason code when creating history records instead of using the current default reason code from payroll control.



When the Nightly Payroll Years of Service Update ran, the system updated the Years of Service and added a History Record with a Reason Code selected on HR Control.

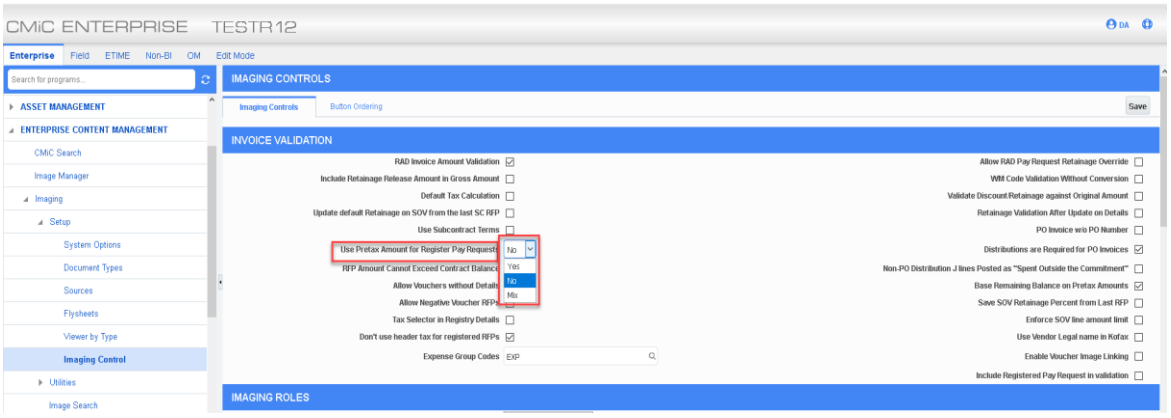

Payroll
Employment History Maintenance
The Reason Code has been populated from HR Company Control screen
Employment Details
Employee ZZ-BW-SAL3
SAL3 ZZ-BW
Action Change
Effective Date 16-MAY-16
Personal
Company
Rate/Salary
Address
Tax
HR Info
HCM
Reason Code ZZ-YRSVC
Years of Service Update
Last Name ZZ-BW
First Name SAL3
Initial
Prefix
Suffix
Alias
SSN/SIN No 300-31-0320
Type Salaried
Full/Part Full-Time
Status Active
Work Status Working
Allow Accrued Leave
FLSA Type Non-Exempt
Unionized
Union Membership Date
Eligible for Rehire
Union
Union Mem No
Position
Place Of Birth
Date Of Birth 07-JUL-81
Seniority Date 07-JUL-14
Primary Employee ZZ-BW-SAL3
Hire Date 07-JUL-14
Date Deceased
Work Days/Year 260
Termination Date
Next Review Date
Hours/Year 2080
Re-Hire Date
Adjusted Service Date 07-JUL-14
Service/Years 1
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 Employee Number
Record: 1/?
<OSC>


Payroll
History Adjustment Screen
User Extensions
Employee
Employee
SSN
ZZ-BW-SAL3
SAL3 ZZ-BW
300-31-0320
The Reason Code has been populated from HR Company Control screen
Employment Details
Personal
Company
Rate/Salary
Address
Tax
HR Info.
Hire Date
Re-Hire Date
Termination Date
Date Deceased
07-JUL-14
Effective Date
Action
Type
Full/Part Time
Work Status
Reason Code
05/16/2016
Change
Salaried
Full-Time
Working
ZZ-YRSVC
07/07/2014
New Hire
Salaried
Full-Time
Working
User Extension1
User Extension6
User Extension7
More Extensions ...
Related Screens
Set up Related Screens
Related Screen 2
Related Screen 3
Related Screen 4
Related Screen 5
Related Screen 6
Related Screen 7
More Related ...
Enter Reason Code Or Select From The List Of Values
Record: 2/2
<OSC>



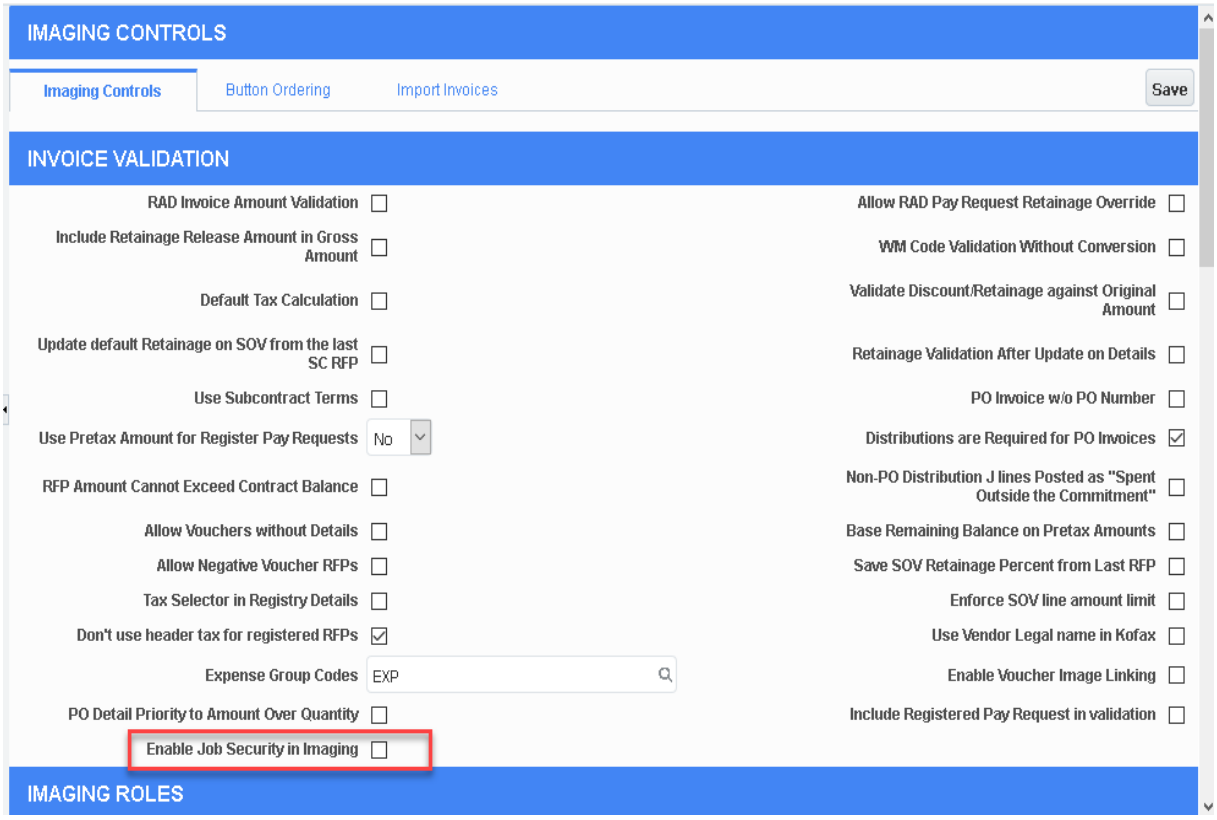
Imaging

Imaging Control – Third Option ("Mix") for Use Pretax Amount (20.25180)



Added a third option for Use Pretax Amount for Registered Pay Requests drop-down field. The New option is "Mix". In this case, the customer will enter tax included amount in debit column for indirect tax and pretax amount in pretax field for direct tax.

Job Security for Images in Imaging (20.21738)



A flag has been added to the Imaging Controls screen: “Enable Job Security in Imaging”. This flag, when checked, allows users to view

only the images tied to the Jobs they have access to, and only applies to the images in Imaging. It does not apply to Images with flysheets that are blank.

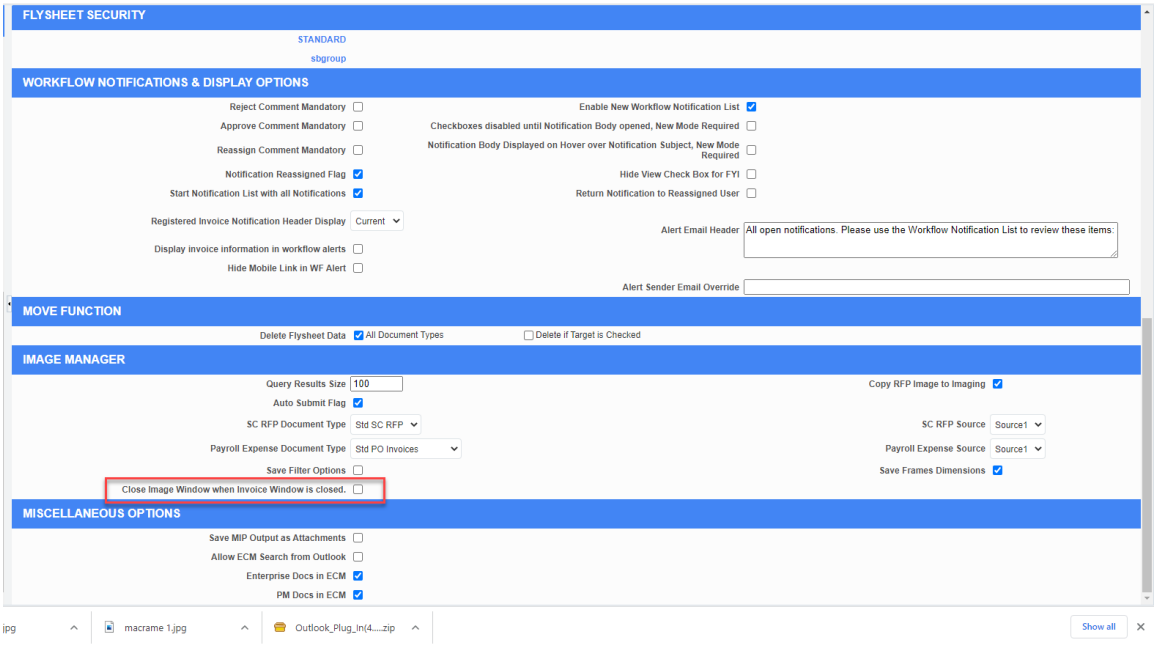
The images that appear in the tree-view on the left in the Image Manager are determined by a database view that filters them based on the security setup.

This new flag to observe job security is **in addition** to the normal Imaging security.

NOTES:

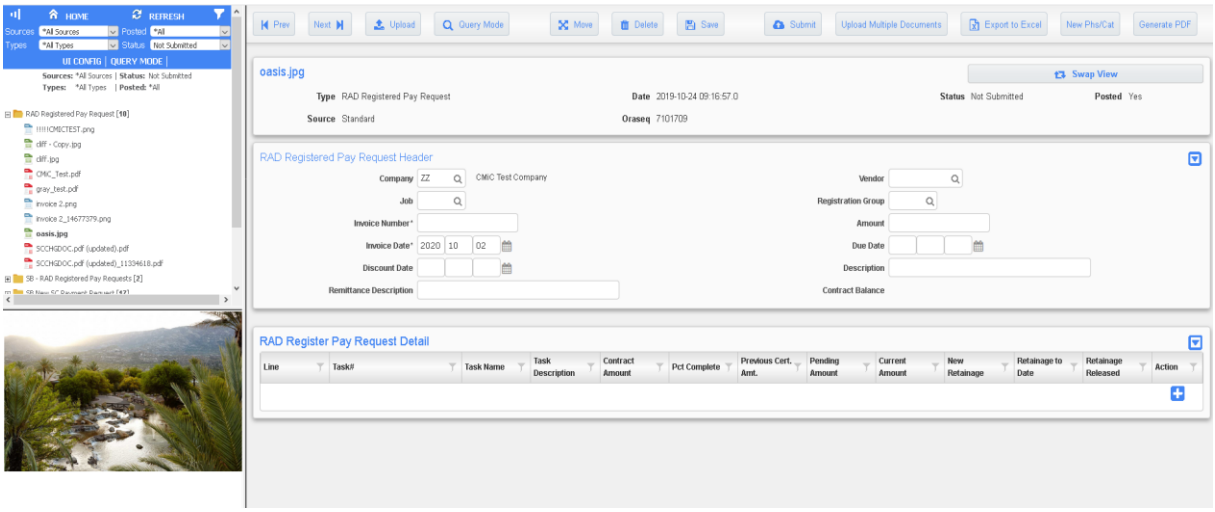
- Non-invoice document types and invoice documents with blank flysheets. Only users in the ‘Submitters’ imaging security group will see these images.
- The flysheet has been filled in for a registered invoice, and no routing job was specified. Again, only users in the ‘Submitters’ imaging security group will see these images.
- The flysheet has been filled in for a registered invoice or *registered* RFP, and the routing job is specified and found in the secured job view. The secured job view is used to filter the list.
- the flysheet has been filled in for a *voucher-based* RFP, and the routing job is specified and found in the secured job view. The secured job view is used to filter the list.

Workflow Notifications View Options (20.33953)



Another flag has been added to Imaging Controls Screen: "**Close Image Window when invoice window is Closed**", This flag when checked, allows users to close the Image as well as the Image Manager Flysheet Screen. This flag when unchecked, lets the user have the Image on screen even if the flysheet window is closed allowing for any changes to be made. This is an important feature for the UI Config with Separate Window Selection.

Image Manager (Beta) (19.77639, 20.31769)



What has changed:

- All detail flysheets now use kendo, regardless of if they are Form view or Tabular.
- Many stylistic changes.
- The Header buttons now use a spill over menu.

- LOV in the header flysheet has been changed.

Features

Header strip shows:

Document Type	Status
Source	Posted indicator (Y/N)
Date	Oraseq

[Swap View] button – to toggle the view between the document type and the image

NOTE: Clients who wish to use this beta version can add it to their JSP tree-view using Menu Maintenance:

Example url: test2v12.cmic.ca:xxxx/cmictest12c/SdMenuMaint/showTree.do

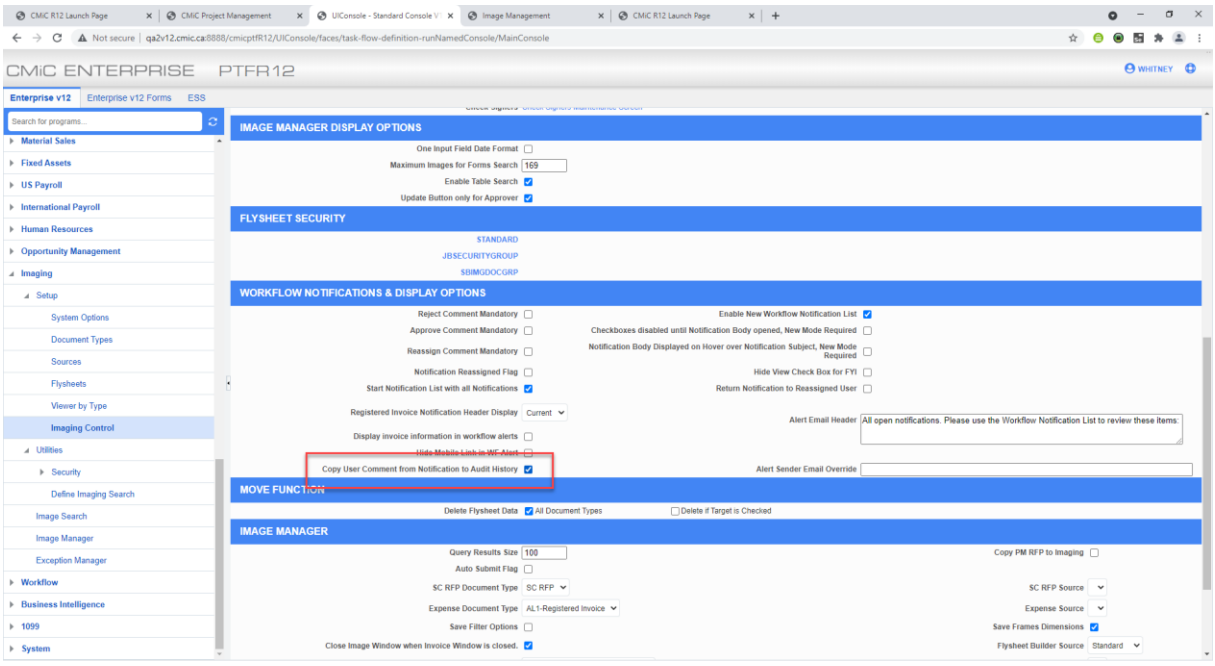
Example **Beta version url**:
http://test2v12.cmic.ca:xxxx/cmictest12c/**ImgMgrBeta**/imgMgrStart.do

Added Copy User Comment from Notification to Audit History Flag (21.37756)

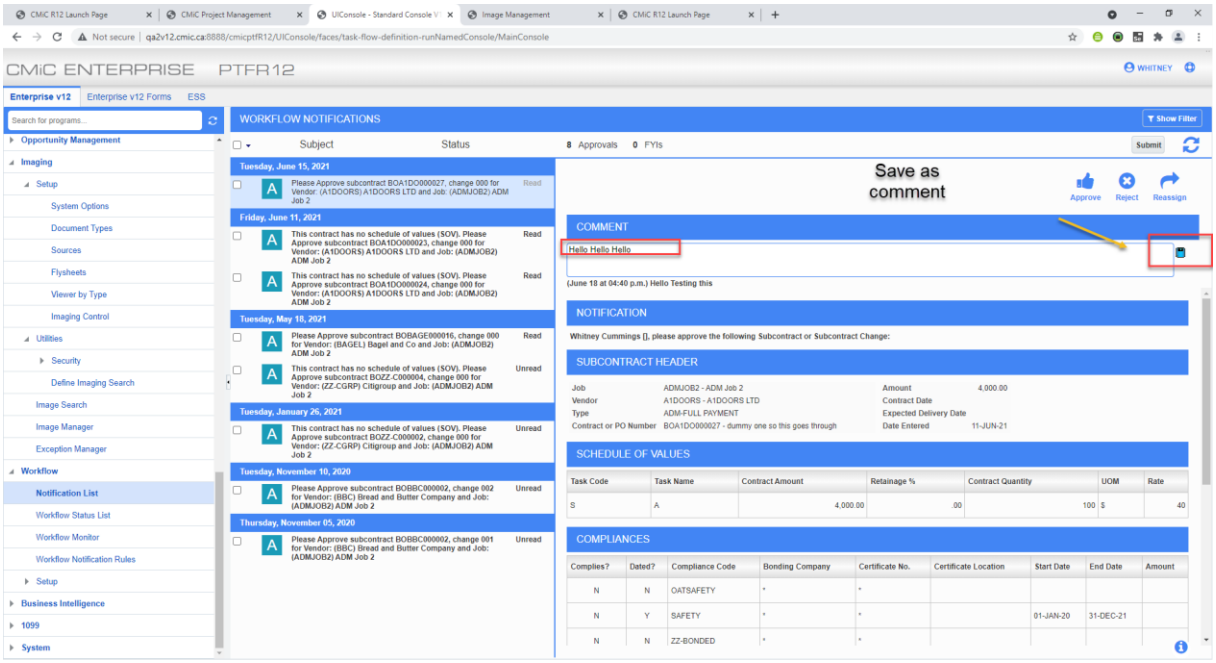
This flag is added to make it easy for users to input comments from either of the screens.

Users can add comments/notes either directly from Subcontract's screen (for SCRFP) or from Notification's screen.

To access this functionality: User can go into ADF screen >> Click on Enterprise Content Management>> Go to Imaging>> Setup >> Imaging Controls.



Once the flag is checked, the user can go to Workflow Notifications and add the comments within the comments screen as shown below:



The comment then appears within the notes screen: under Review/ Approval.

Dynamic Flysheet Builder (20.30012)

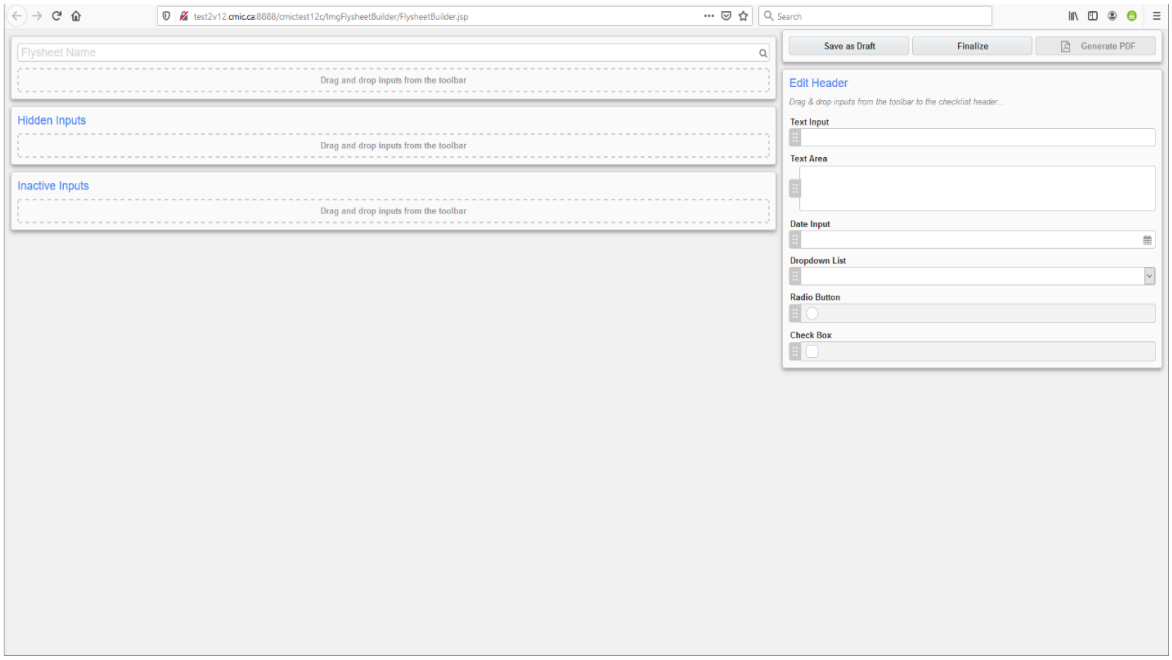
This feature encompasses a pipeline process from creation of a flysheet to generating PDFs from it. It is a helpful tool to quickly create flysheets adding the required text boxes, fields, radio buttons, checkboxes and so on.

Setup:

Flysheet Builder can be navigated as follows:

Path: ADF> Enterprise Content Management> Imaging > Setup> Flysheet Builder

Once the page opens, the pop up for the fields in a row requirement will come up on the screen.



The user can begin by selecting the number of fields: 3 or 4, depending on the Flysheet Design Requirement.

The Flysheet Name can be added, for example: SC RFP Header, Details Flysheet and so on.

This is a simple Drag and Drop Process: where the fields can be dragged from the right corner and placed in any row as follows:

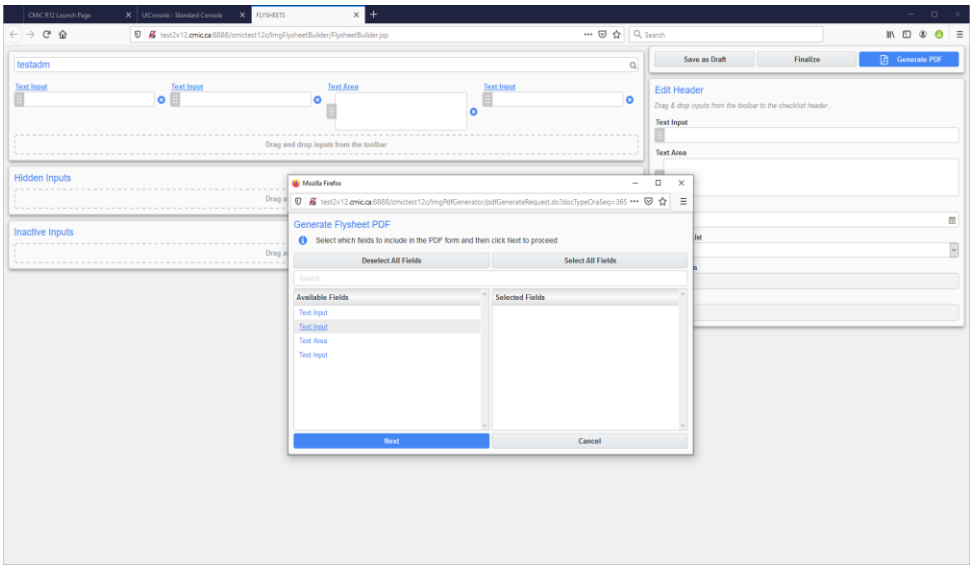
Main Flysheet

Hidden Inputs

Inactive Inputs.

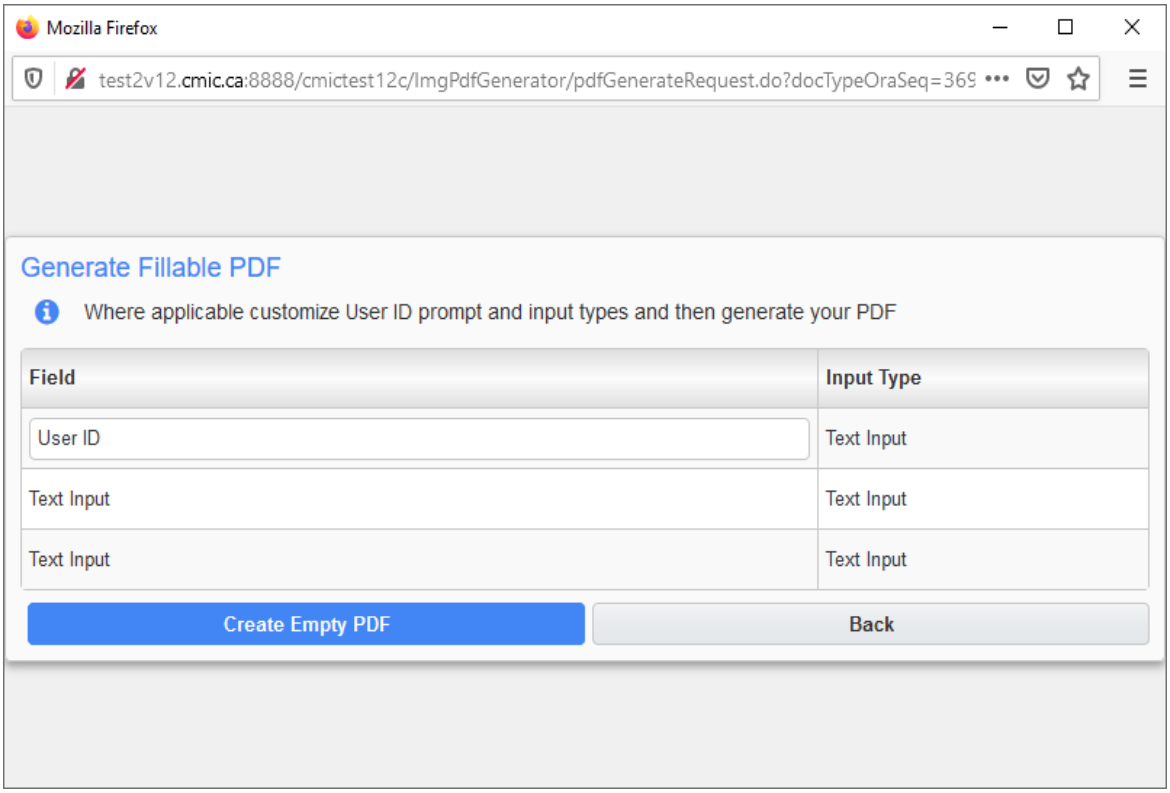
Process:

Once the fields are added into the various groups/ areas, the flysheet can be **Saved as Draft.** After saving, it can be finalized, and the flysheet structure is created successfully.



The Generate PDF button click event would open this popup where when the fields are added from the Flysheet, that would be used in the PDF that will be generated later.

This PDF would have editable fields and can be downloaded once the Create Empty PDF is clicked.



NOTE: The fields added can be designed according to the desired length, validations, dropdown texts and so on.

PDF Generator (21.39092)

The PDF Generation application can generate dynamic layout PDFs as defined on the Flysheet Builder. Also, it allows radio buttons, checkboxes and dropdown lists as defined in the Flysheet Builder.

It generates the old-style pdf if the flysheet is not dynamic, so if any flysheet is generated from Image Manager and not dynamic then it will generate the old-style pdf.

Source Selection Option (21.38804)

Once the Flysheet is added and finalized, the Source is created for the Document Type. The Document Type can be added in the Source of the user's choice. The Flysheet Builder once finalized creates the Flysheet Structure. Once it gives the popup that the Flysheet Builder structure is created, the Source automatically gets added in the backend.

The Checkbox in Imaging Controls is shown as below.

The field for source for Collaborate Pay Request group is added as shown in fig 2.

Fig 1:

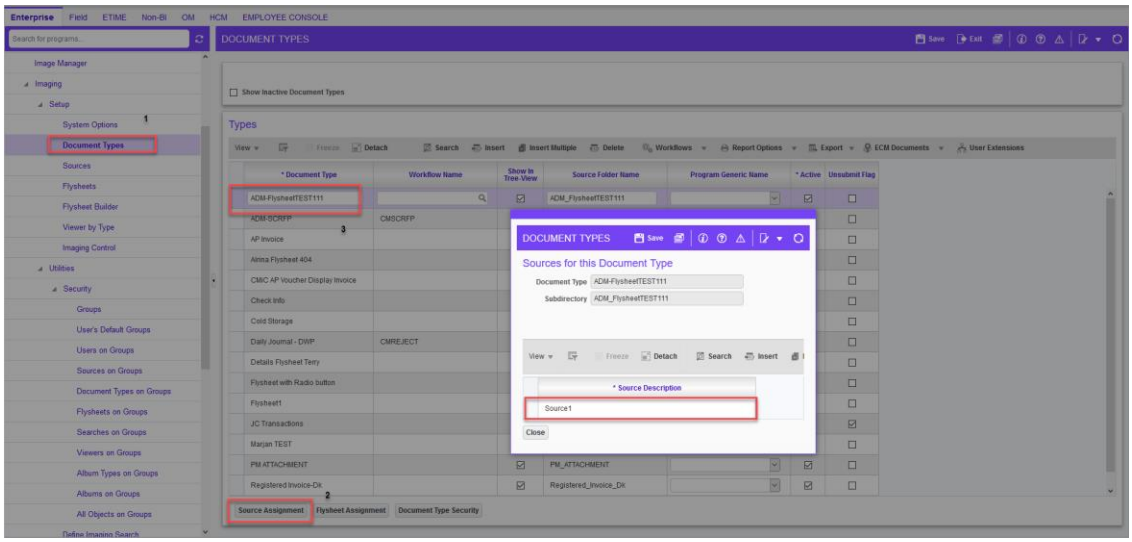
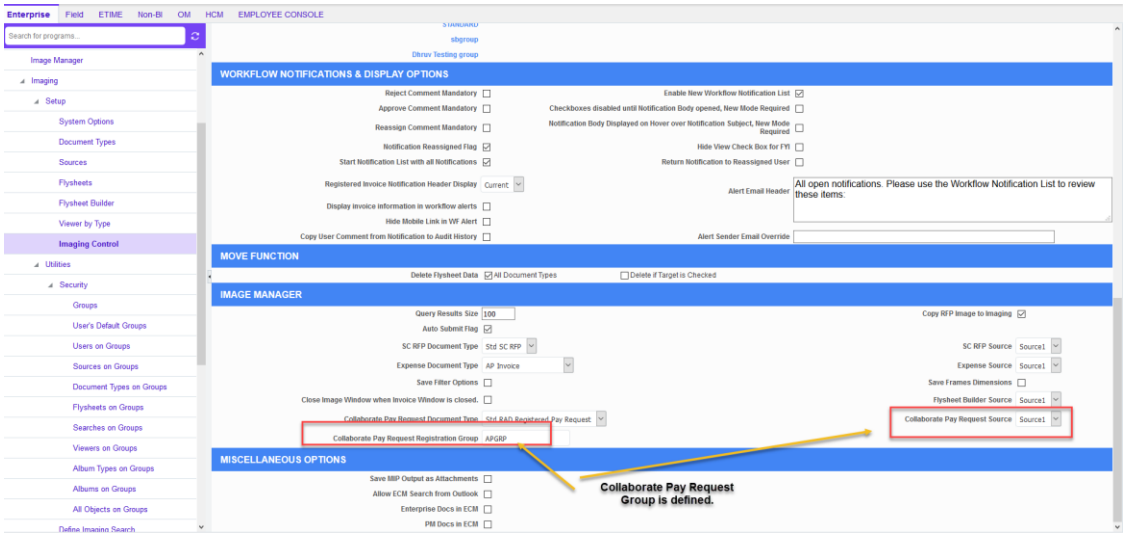


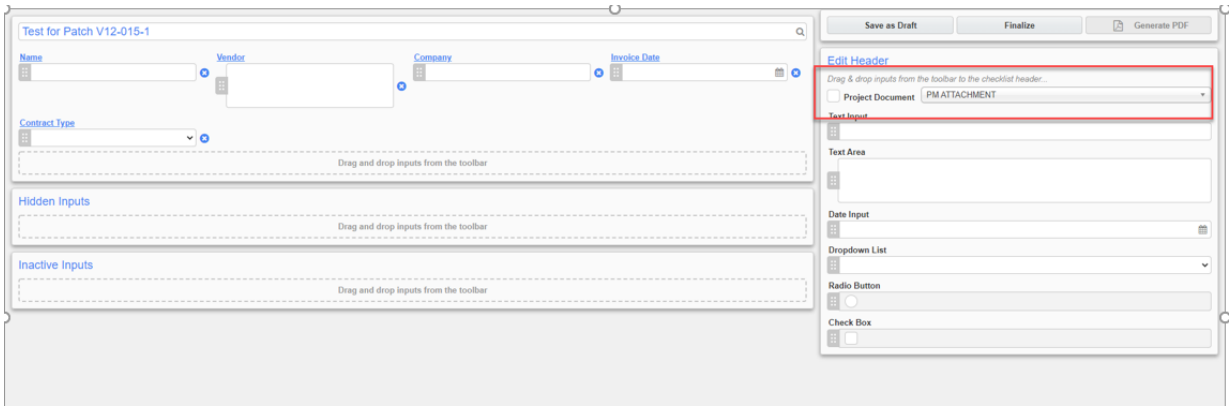
Fig 2:



Flysheet Builder – More Enhancements (21.44996)

Enhancements:

PM Attachment dropdown- Allows user to select if the Flysheet should go into PM Attachment.



Adding the fields from the Panel to the left side (Flysheet Header) will let user create the header Flysheet and corresponding Document Type. The fields can be added in the first part of the Flysheet.

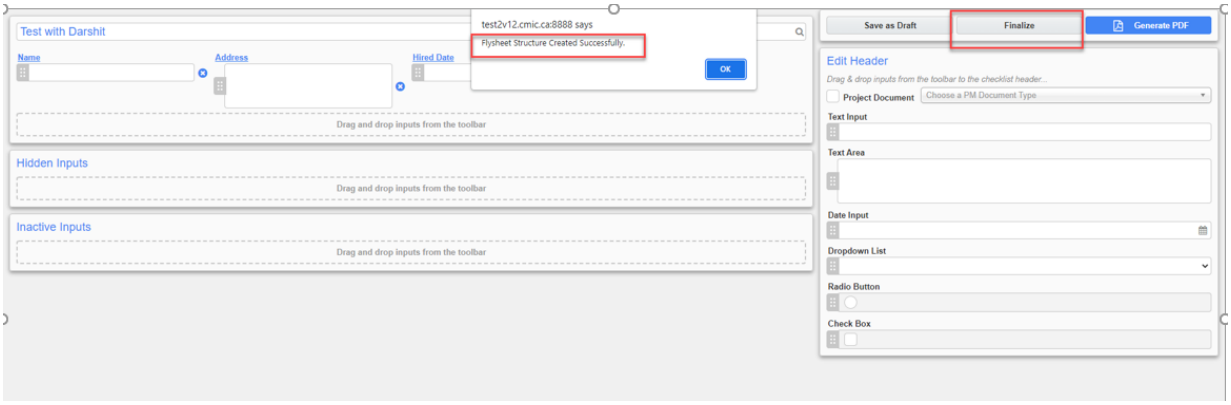
Save as Draft- Saves the flysheet and creates a background Document Type- that can be opened within Image Manager.

NOTE: Fields cannot be added directly to Inactive inputs- They can be dragged from the Inputs in the first section.

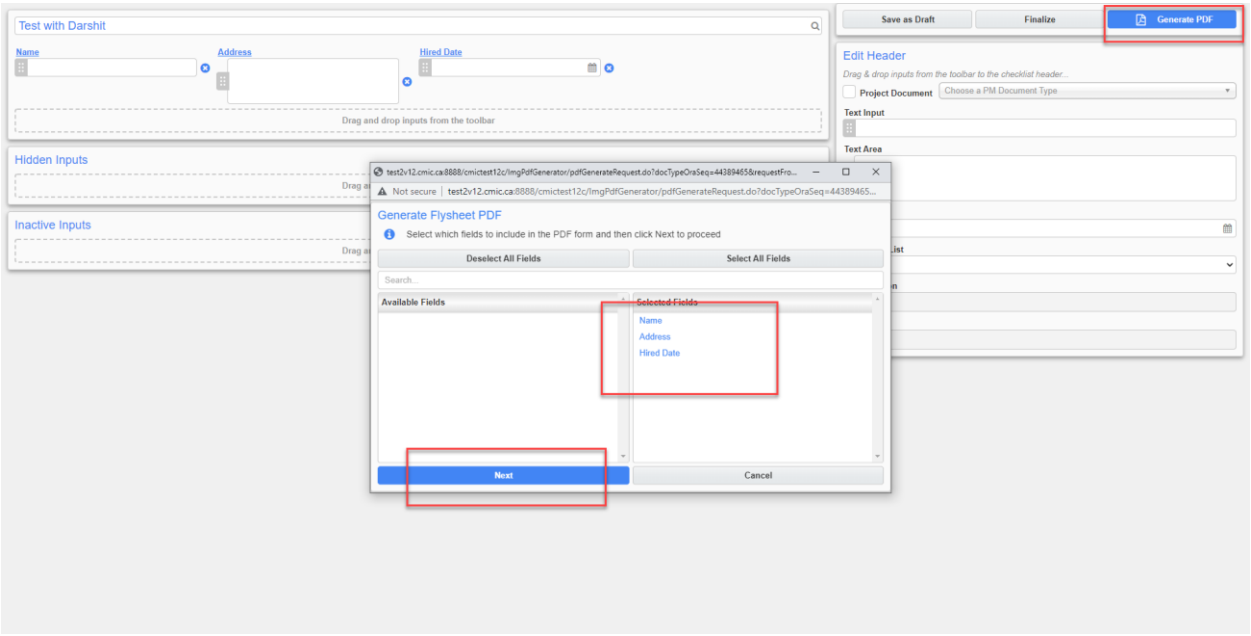
Features:

Fields can be modified – adding character length, Field name, Radio button options, Checkbox options, Dropdown lists, etc.

Finalize- Creates a Flysheet Structure successfully as shown in screenshot below.



Generate PDF screen will allow user to add fields to the PDF so that user can download PDF to the local machine.



Key Points:

1. Flysheet Builder basically helps to create only the Header Flysheets for any Document Type.
2. When we create a Header Flysheet from Flysheet Builder- we can add Flysheets to that Flysheet from ADF Screen.
3. Once we create a Flysheet from Flysheet Builder- and if I edit it from ADF program- it can no longer be seen in the LOV within Flysheet Builder.
4. Any fields from panel cannot be moved directly into Inactive Input. First, it can be moved to Inputs and then from there, user can drag and drop to Inactive input (Else error message popup occurs)
5. When you type a flysheet name within Flysheet Builder – the background processor creates a same name – Document Type- which can later be edited from ADF screen. Only fields cannot be edited- If you do- you won't be able to see it in the LOV again.
6. Character length, Mandatory/non-Mandatory fields can be adjusted from the Flysheet Builder.

Document Types – Added Show in Tree-view Flag (22.54645)

Added new flag “Show in Tree-view” in Document types screen.

Only the document types for which the flag “Show in Tree-view” is checked will be visible in Image Manager Document types drop-down.

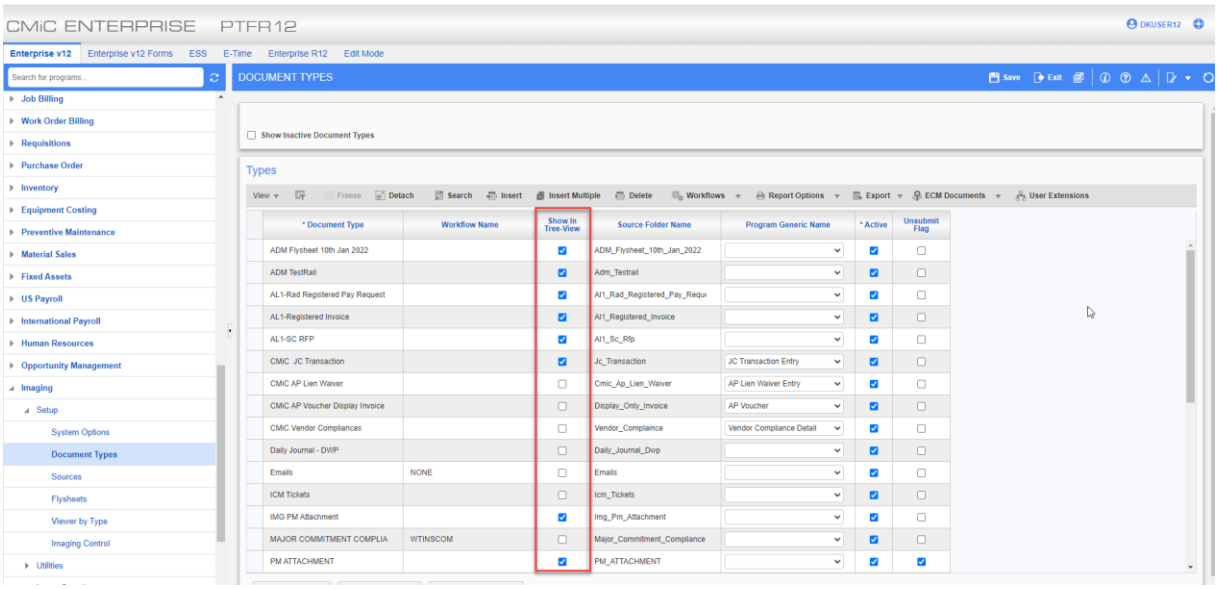
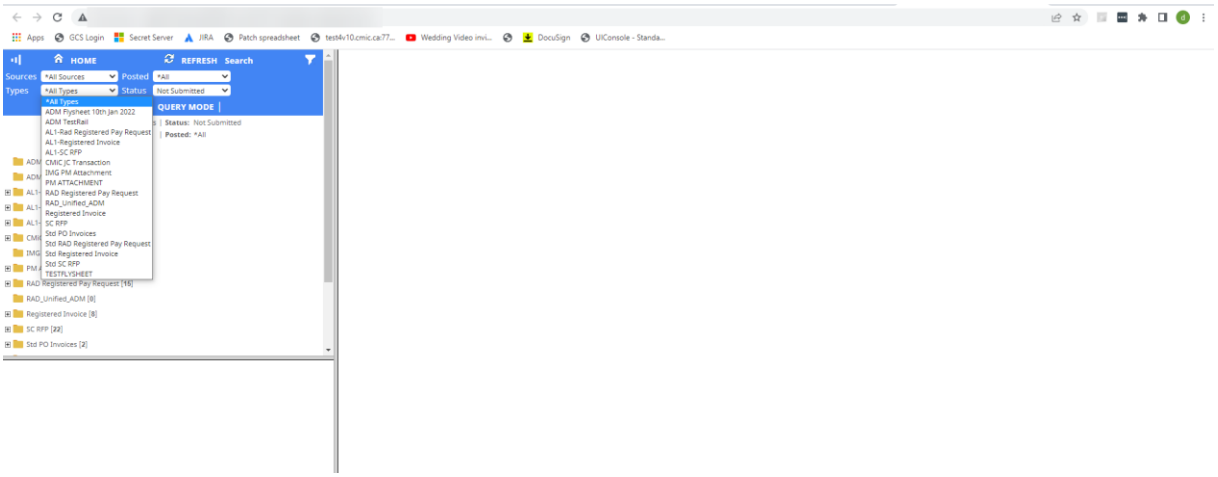


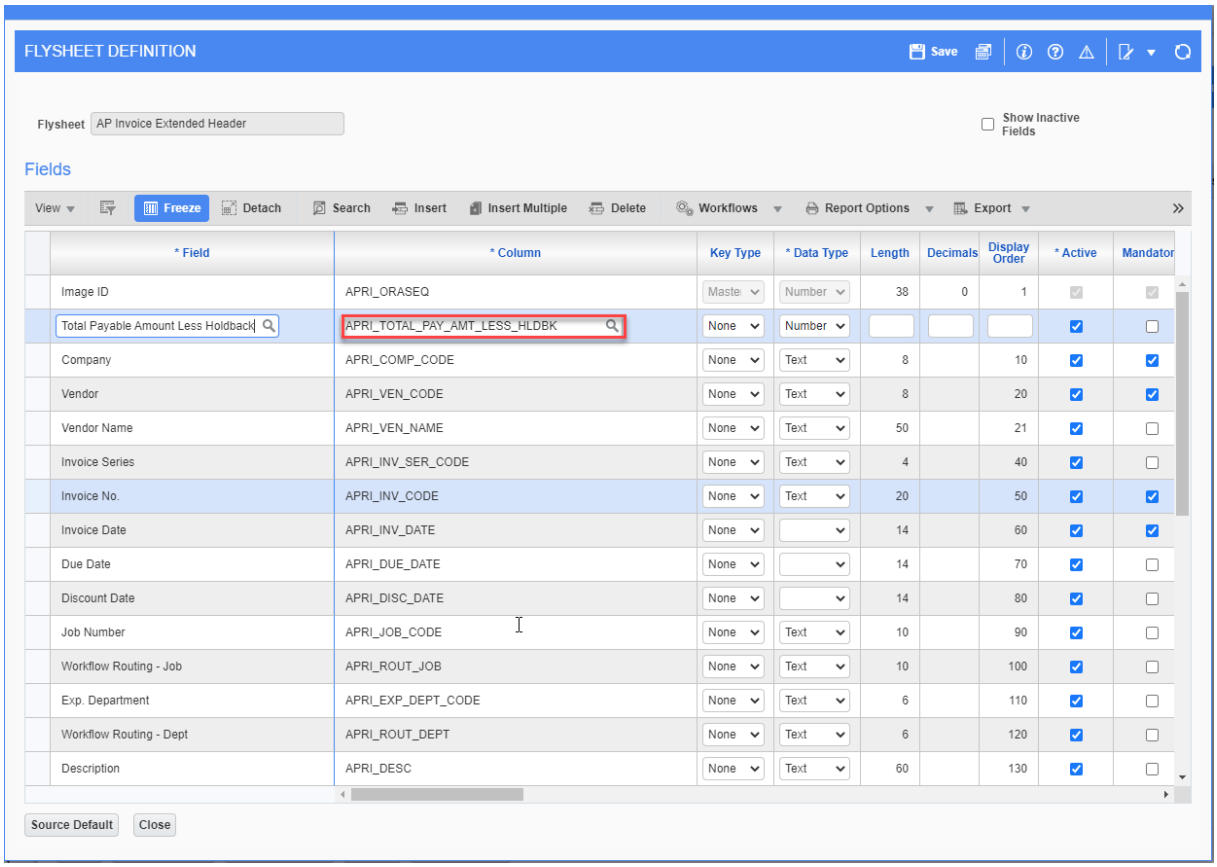
Image Manager



Flysheet Definition – Added New Field APRI_TOTAL_PAY_AMT_LESS_HLDBK To RAD_APREGINV_V table (22.53352)

New field APRI_TOTAL_PAY_AMT_LESS_HLDBK is added to RAD_APREGINV_V table.

This field can be added to flysheet from flysheet definition.



Changed the Name for Image Manager and Image Manager Beta (22.56020)

Image Manager is changed to Image Manger Old.

URL: <server>:<port>/<environment>/ImgMgrOld/imgMgrStart.do

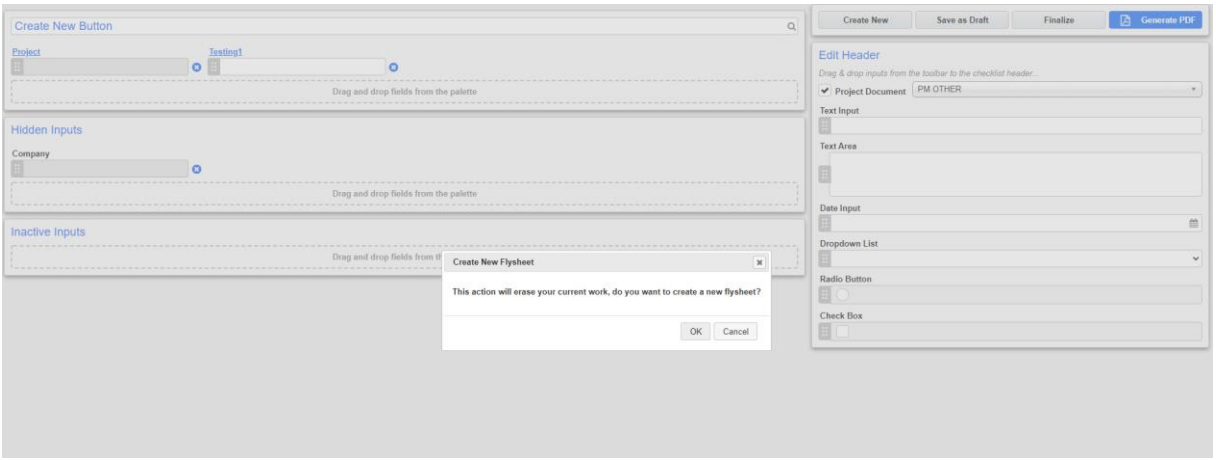
Image Manger Beta is now change to Image Manager (standard).

URL: <server>:<port>/<environment>/ImgMgr/imgMgrStart.do

Flysheet Builder – Added Create New Feature (21.50592)

Added [**Create New**] button to flysheet builder application.

User will receive a pop-up “This action will erase your current work, do you want to create a new flysheet?” when [**Create New**] button is clicked from the existing flysheet page.



Added Two Flags to populate Original Amount and Routing Job/Dept for Comdata Invoice Import (22.58858)

To populate Original Amount and Routing Job/Dept when Comdata Imaging Invoices are imported in Imaging.

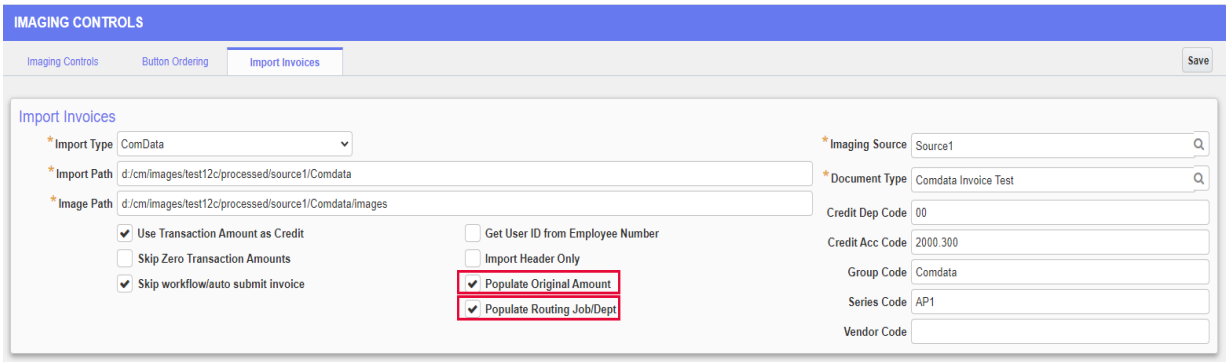
Modification:

These two flags are added to Imaging Control > Import Invoices Screen.

1. Populate Original Amount
2. Populate Routing Job/Dept

By default, the flags will be unchecked.

When these two flags are checked, it will populate the Original Amount and Routing Job/Dept when Comdata Imaging Invoices are imported.



Imaging < Setup < Imaging Control – Import Invoices

Infrastructure

Password Requirements For Cloud (20.34663)

The layout of the "Change your Password" page" for Cloud has been updated to include the following text indicating the Password requirements:

1. Minimum of 10 characters
2. Minimum of 1 upper case character
3. Minimum of 1 lower case character
4. Minimum of 1 numerical value
5. Minimum of 1 special character
6. Maximum of 2 repeated characters

Example:

I/O Email

This section is currently under development.

Inventory

Added Import Feature to Inventory Locations (21.52227)

Added Import feature in Inventory Location.

Modifications:

CMiC has enabled the import for CILOCATION table with the following fields:

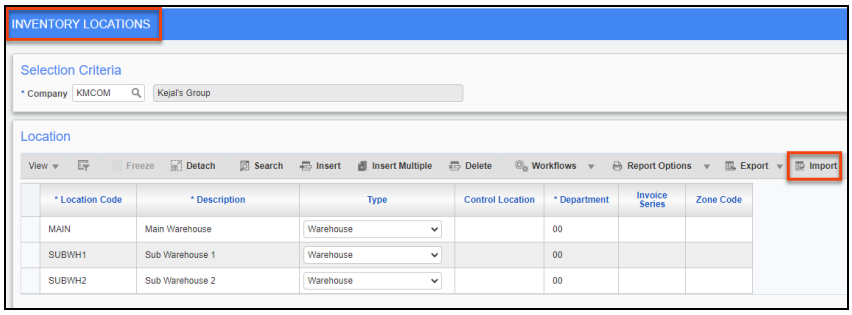
- Location Code
- Description
- Type
- Control Location

- Department
- Invoice Series
- Zone Code

NOTE: The location Type must be W (Warehouse) or B (Bin Location). Control Locations must be imported first in a separate file. The system validates if the Control Location exists before allowing the user to create that record, so the user will need to import all the control locations first, save them, and after that import all the child locations that use those records.

Setup and Import:

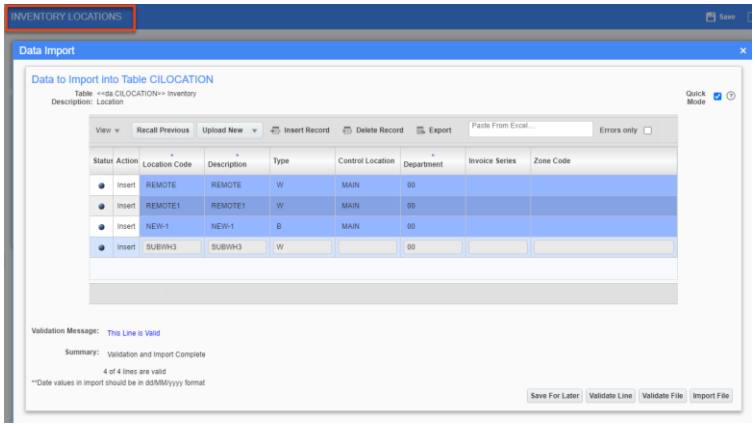
The [**Import**] button is added to the toolbar

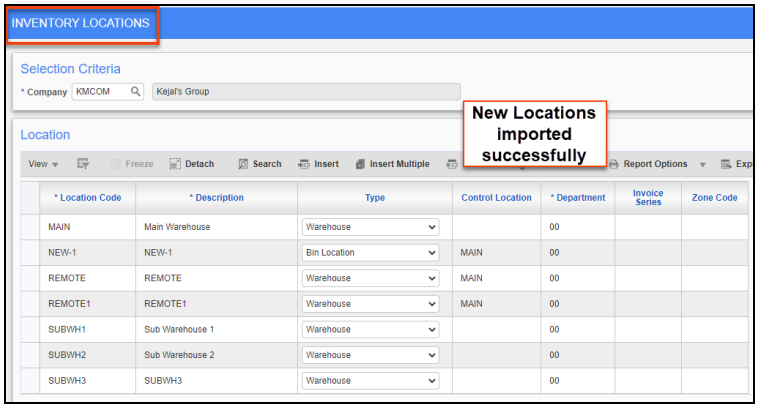


Sample Import file:

	A	B	C	D	E	F	G
1	Location Code*	Description*	Type	Control Location	Department*	Invoice Series	Zone Code
2	REMOTE	REMOTE	W	MAIN	00		
3	REMOTE1	REMOTE-1	W	MAIN	00		
4	NEW1	NEW-1	B	MAIN	00		
5	SUBWH3	SUBWH3	W		00		
6							
7							
8							

Import the file created above:





Jasper Server

This section is currently under development.

Job Billing

G/C Prepare Billing – OCO column in Change Orders pop-up (15.08702)

The G/C Prepare Billing is modified with the following changes:

1. Terminology of ‘Change Orders’ as PCI
2. Owner Change Order Column in the ‘PCI’ popup screen
3. Option to NOT to Re-Calculate ‘Current Complete’ column when ‘Clear Overrides’ is performed

Modifications:

G/C Prepare Billing:

1. Main Screen – ‘Change Orders’ button label is modified to read as ‘PCI’
2. Billcode Details popup - ‘Change Orders’ button label is modified to read as ‘PCI’

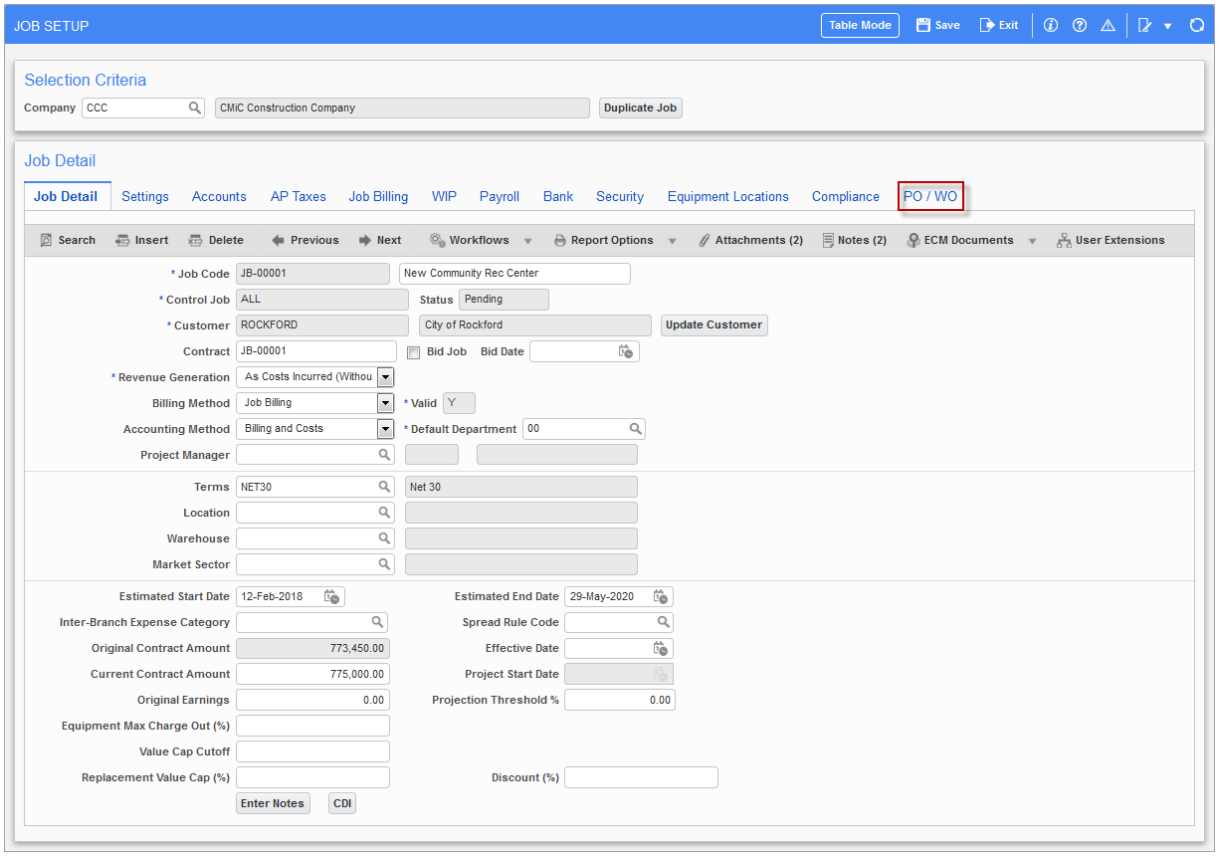
Job PO/WO# assignment and Free Form Invoice Printing (16.23419)

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.

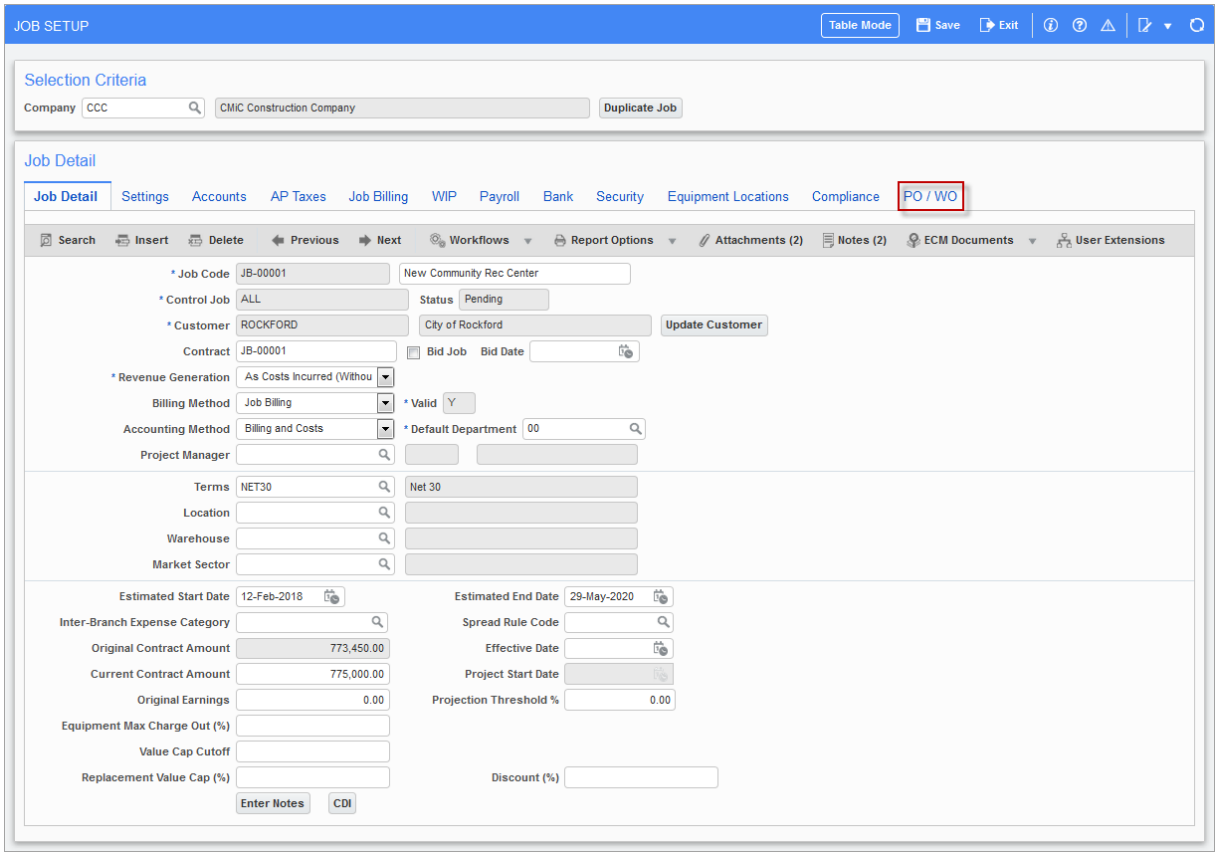
Modifications:

Job Entry Program:

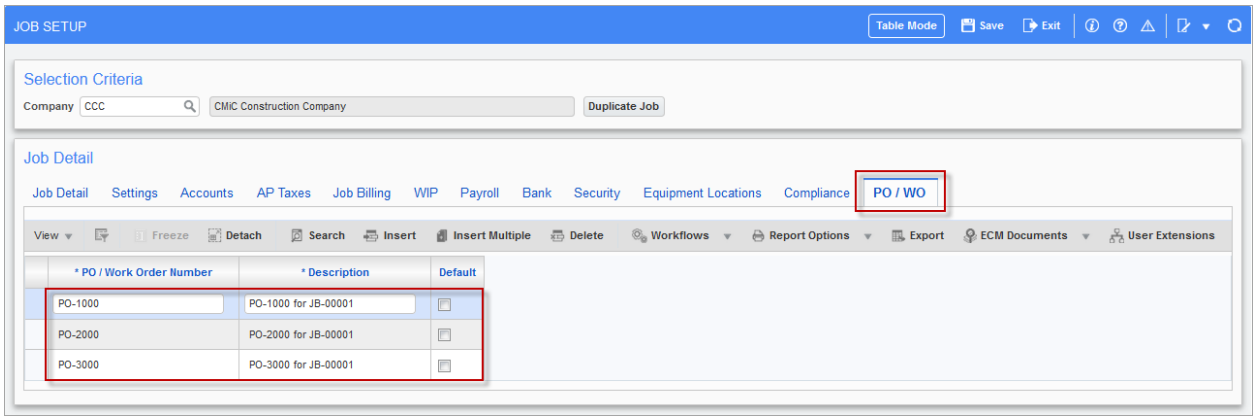
A new tab PO/WO number is added to the job entry screen. This tab allows users to add PO/WO code and description. There is no validation on the PO/WO code, however, no duplicate entries will be allowed.



JC > Job Setup Program



JC > Job Setup Program > PO/WO tab



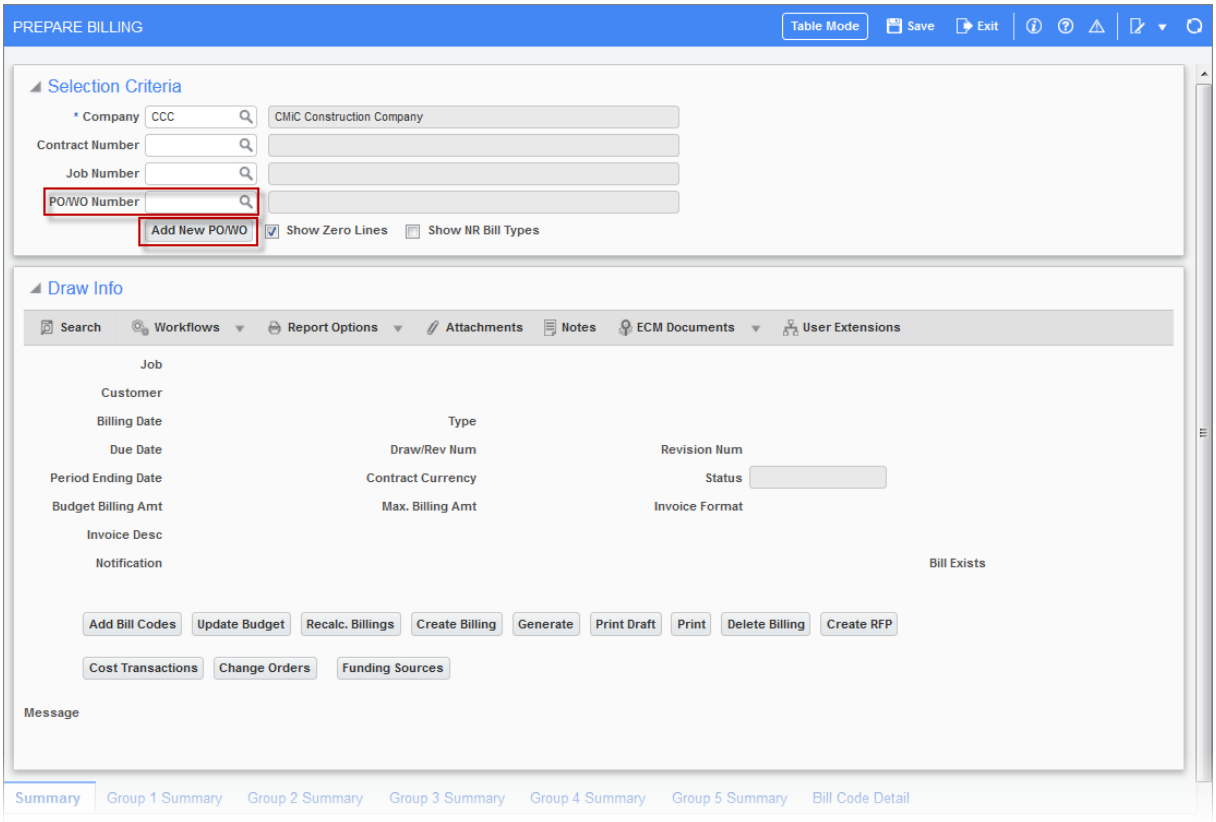
JC > Job Setup > PO/WO tab

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:

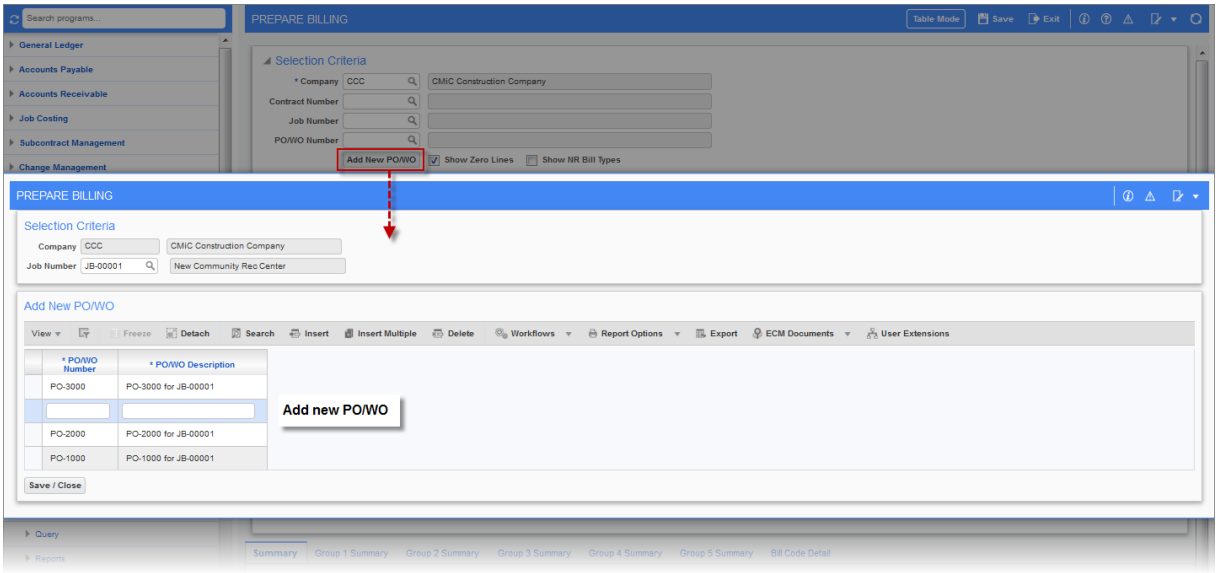
The G/C Prepare Billing Screen is also modified with an additional PO/WO Number parameter selection. This is optional only. When NOT used, users will still be able to select a Job or Contract Code and proceed with Billing preparation.

When selecting a PO/WO Number as a parameter, it will be validated against the job Setup table.



JB > G/C Prepare Billing Program

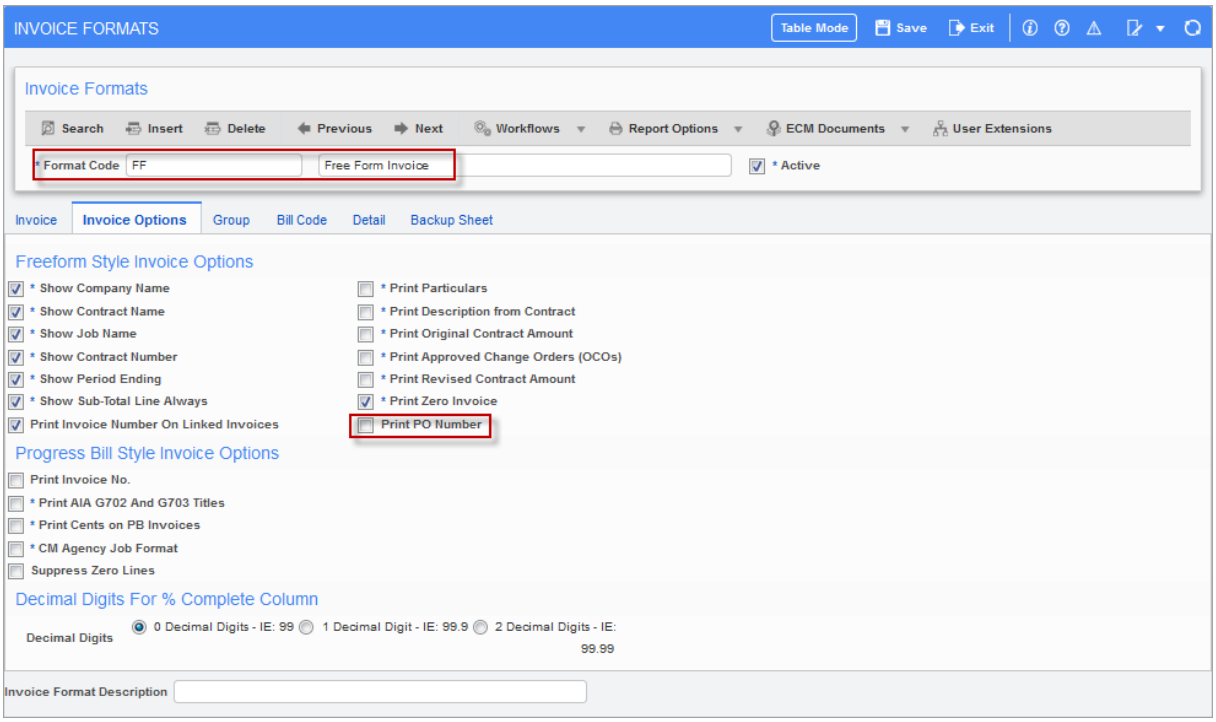
Also, provided the ability to add new PO Numbers on the fly as well. Users can press the button 'Add New PO/WO' and invoke the setup screen.



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.

Auto Add Bill Code to Contract (17.32445)

Added A control flag in JB Setup to **Auto Add Bill Code to Contract**.

CMiC has provided an option on the Job Billing Control File to always add the bill code to the contract whenever a phase/category combination is added to the job. If the option is switched on, a new phase/category being added to the job will have its associated bill code automatically added to the billing contract.

NOTE: The contract must already exist for the bill code(s) to be added. The user will be required to set bill code budgets or manually enter budgets on the contract for these newly added bill codes. This is similar to the case when the bill code is automatically added to the contract when phase/category is added ‘on the fly’.

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.

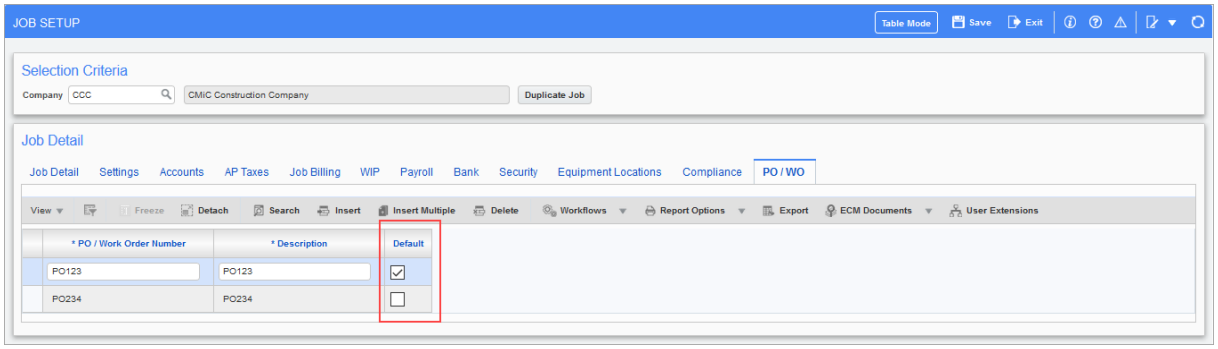
NOTES:

There can only be one default at a time.

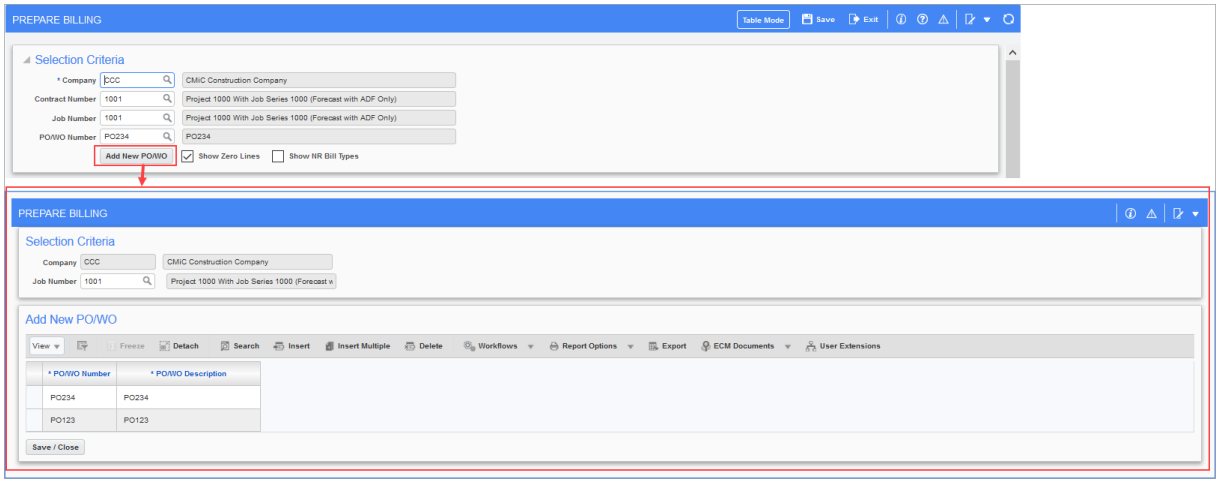
If it is a revision then the program will retrieve the previous PO/WO code from the previous draw.

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



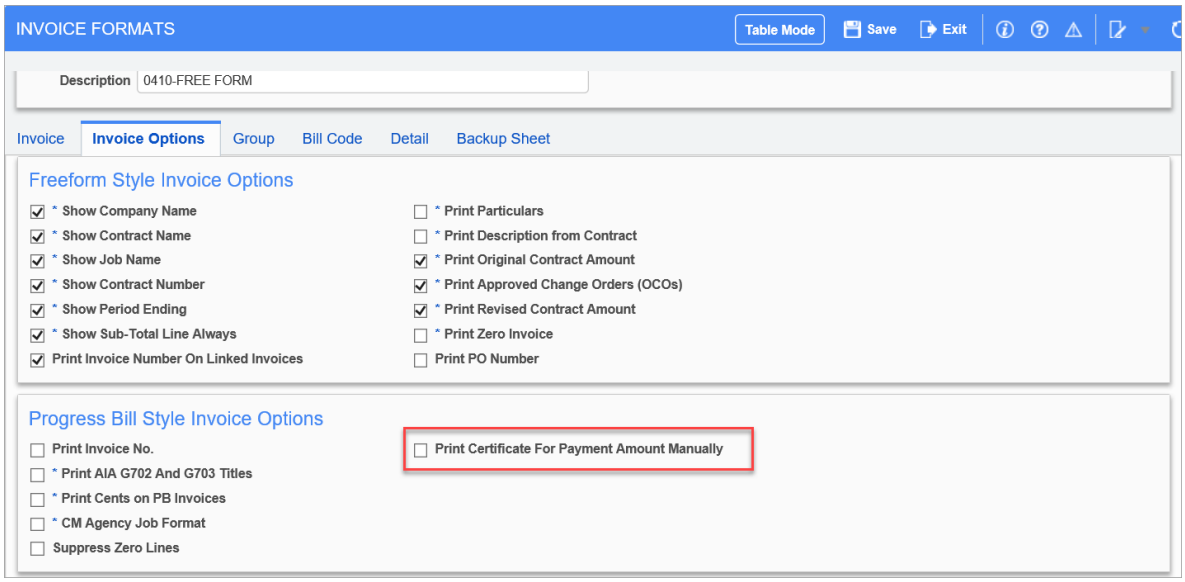
Added a new popup for creating new PO/WO on the G/C Prepare Billing Screen



Add Amount Certified to Standard JBPB Invoice Formats (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.

This will be enabled by a new invoice format option that will be added to the Job Billing invoice Format setup screen.



Modifications are made to all JBPB standard formats. (Including JBPB_U10, JBPB_U11, and JBPB_U14)

E.g.

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.

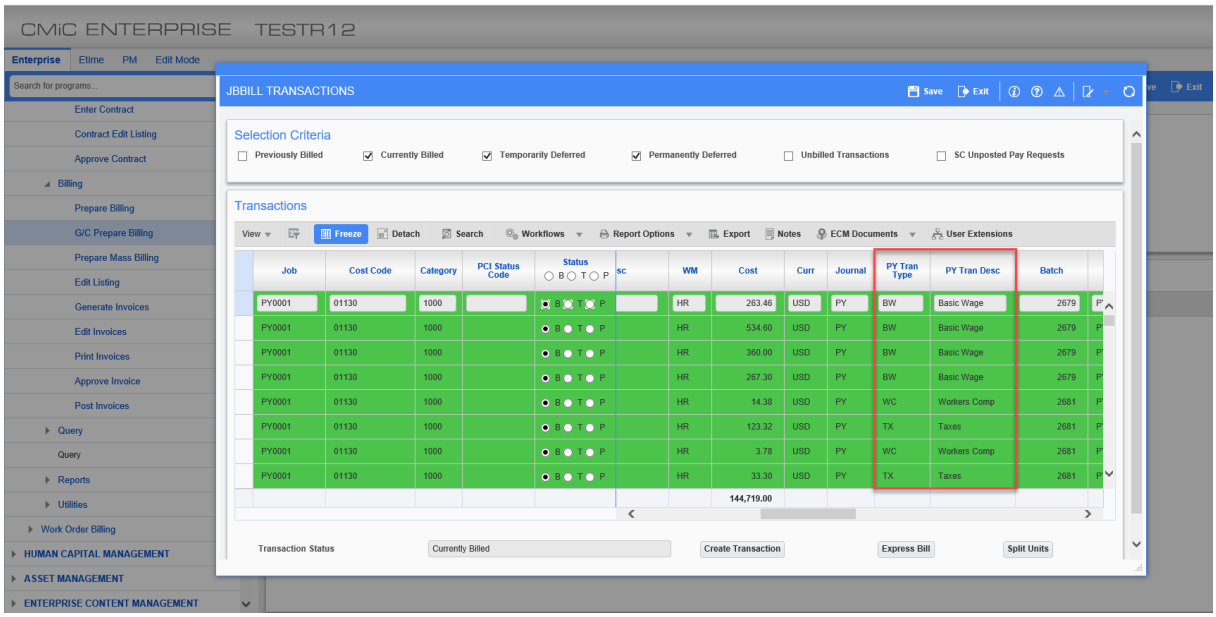
Added Column in Cost Transactions Pop-up (19.87635)

Added the following column to the ‘Cost Transactions’ pop-up in ‘Job Billing preparation’ program.

PY Tran Desc – Payroll Transaction Description

This column shows the value posted to the “PY Transaction Description” column in “JCDETAIL” table from Payroll application.

This column is hidden by default and users may unhide and use it next to the already available PY Transaction Type field, using the lite editor.



G/C Prepare Billing > Cost Transactions

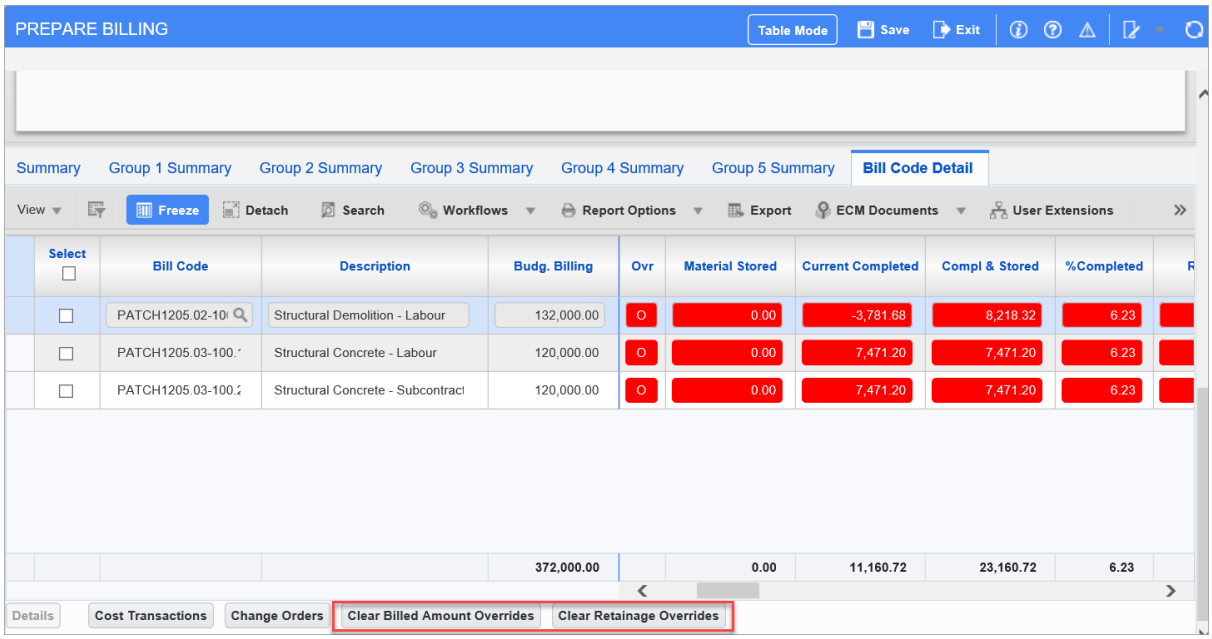
Added Clear Overrides Buttons by Bill Code Line (19.75671)

Modified the G/C Prepare billing screen (ADF JBBILL2) to add 2 new buttons to each tab Group 1 Summary, Group 2 Summary, Group 3 Summary, Group 4 Summary, Group 5 Summary and Bill Code Detail.

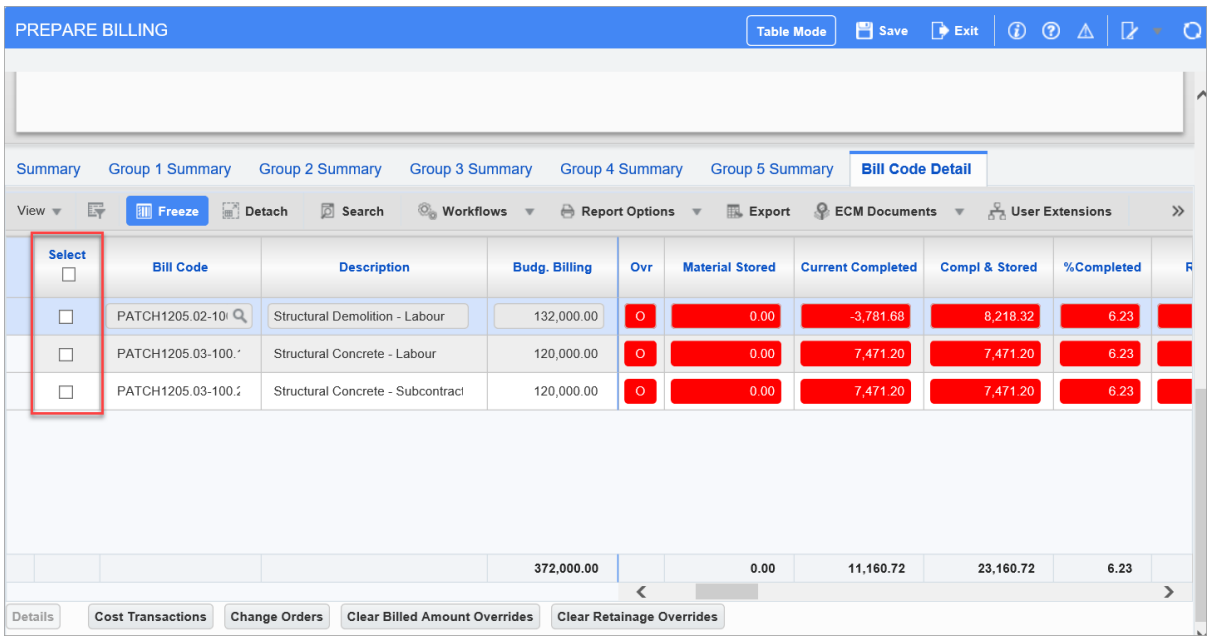
These new buttons will be:

"Clear Billed Amount Overrides" that will show a pop-up to prompt the user, giving them an option whether to clear billed overrides of all records or current record of a particular tab.

"Clear Retainage Overrides" that will show a pop-up to prompt the user, giving them an option whether to clear retainage overrides of all records or current record of a tab.



Also provided a checkbox on the group codes / bill codes details. If the user selects group or bill code lines and then presses the "Clear Override" button on the group / bill code tabs, the overrides will be cleared only from the selected records. In this case there will be no option given to the user to choose which lines they want to clear the overrides from.



The user must recalculate the bill once overrides are cleared at the group code / bill code level.

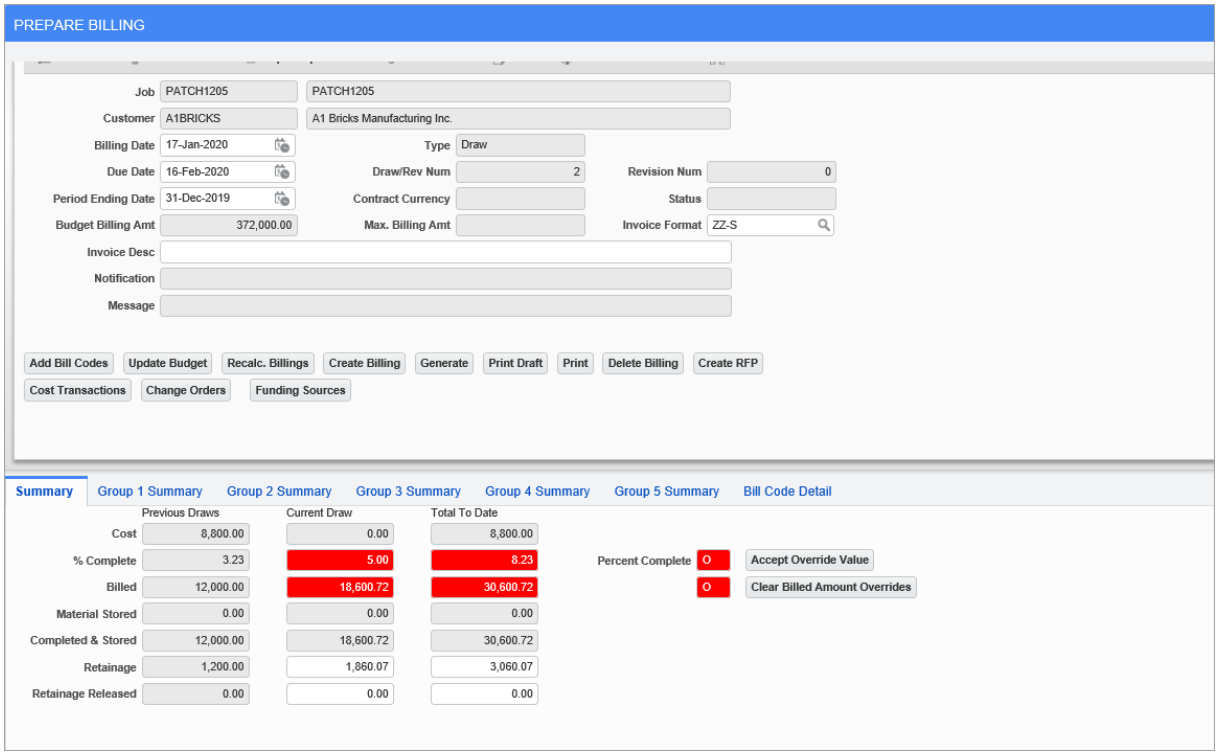
The PCI detail billing related options (combined, original, changes) will be respected when clearing overrides at these levels.

This will only be done in ADF version.

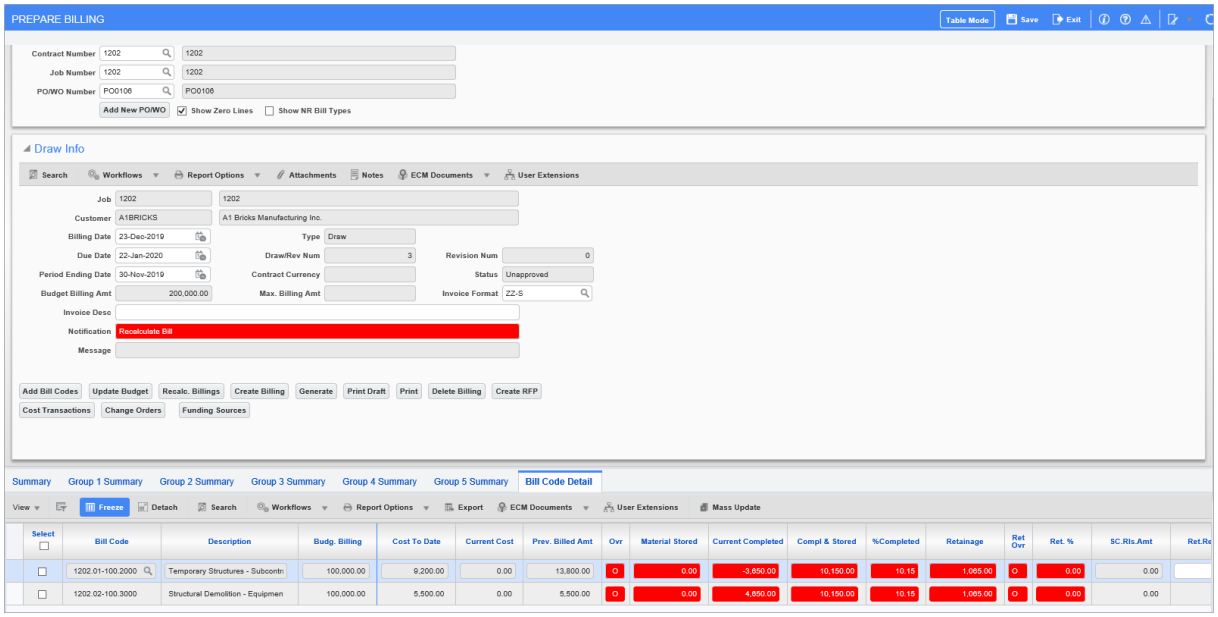
Added Colors to the Override Lines like in Forms Version (19.78425)

Added logic to color the override lines in G/C Preparing Billing (JBBILL2). This change is implemented in all tabs Summary, Group 1 to 5 Summary and Bill Code Detail. It is also applied to the Notification field in the Draw Info section when the message is “Recalculate Bill”.

TAB: Summary

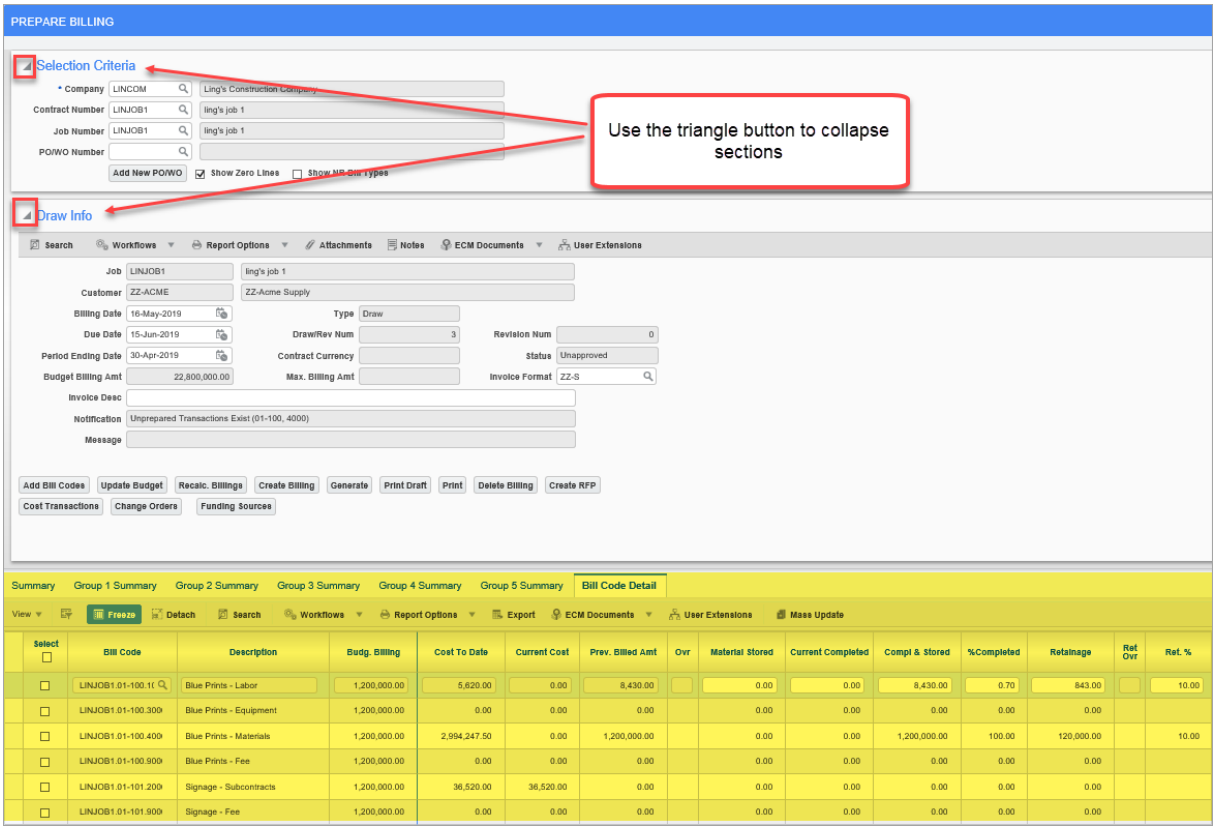


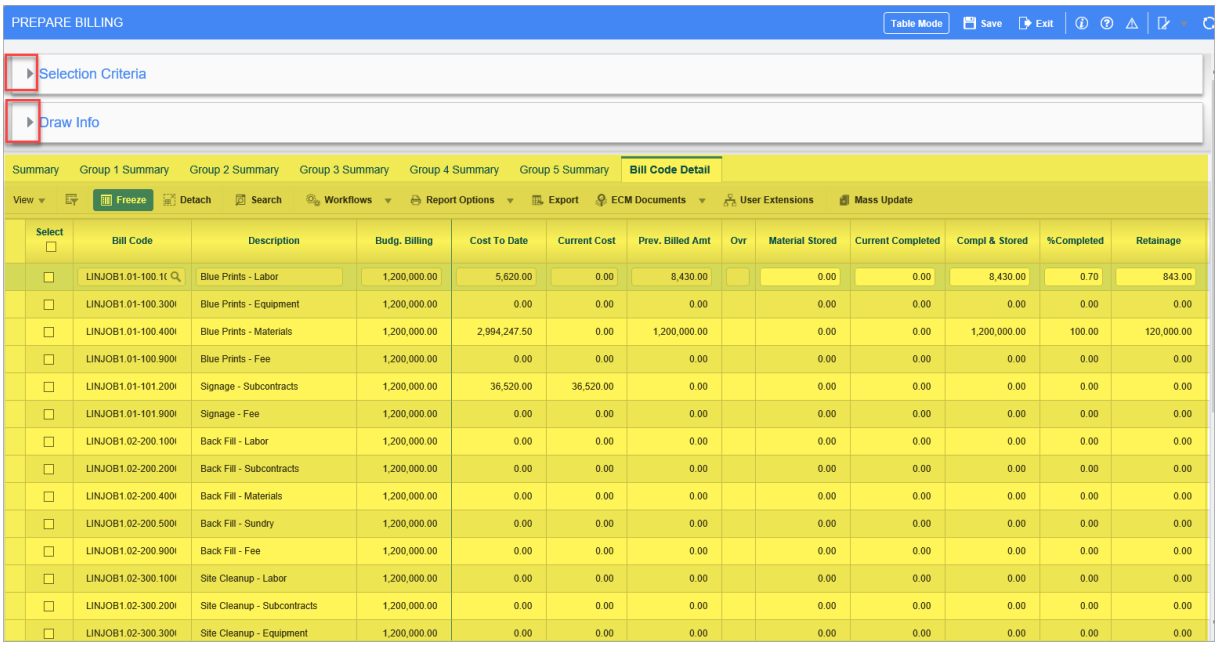
TAB: Bill Code Detail



Added Panel Stretch Layout Components in JBBILL2 (17.44215)

Added Panel Stretch Layout components to JBBILL2. The components will stretch the tab and the table of Bill Code Detail section to occupy all the available space gained by collapsing the top sections of the program.





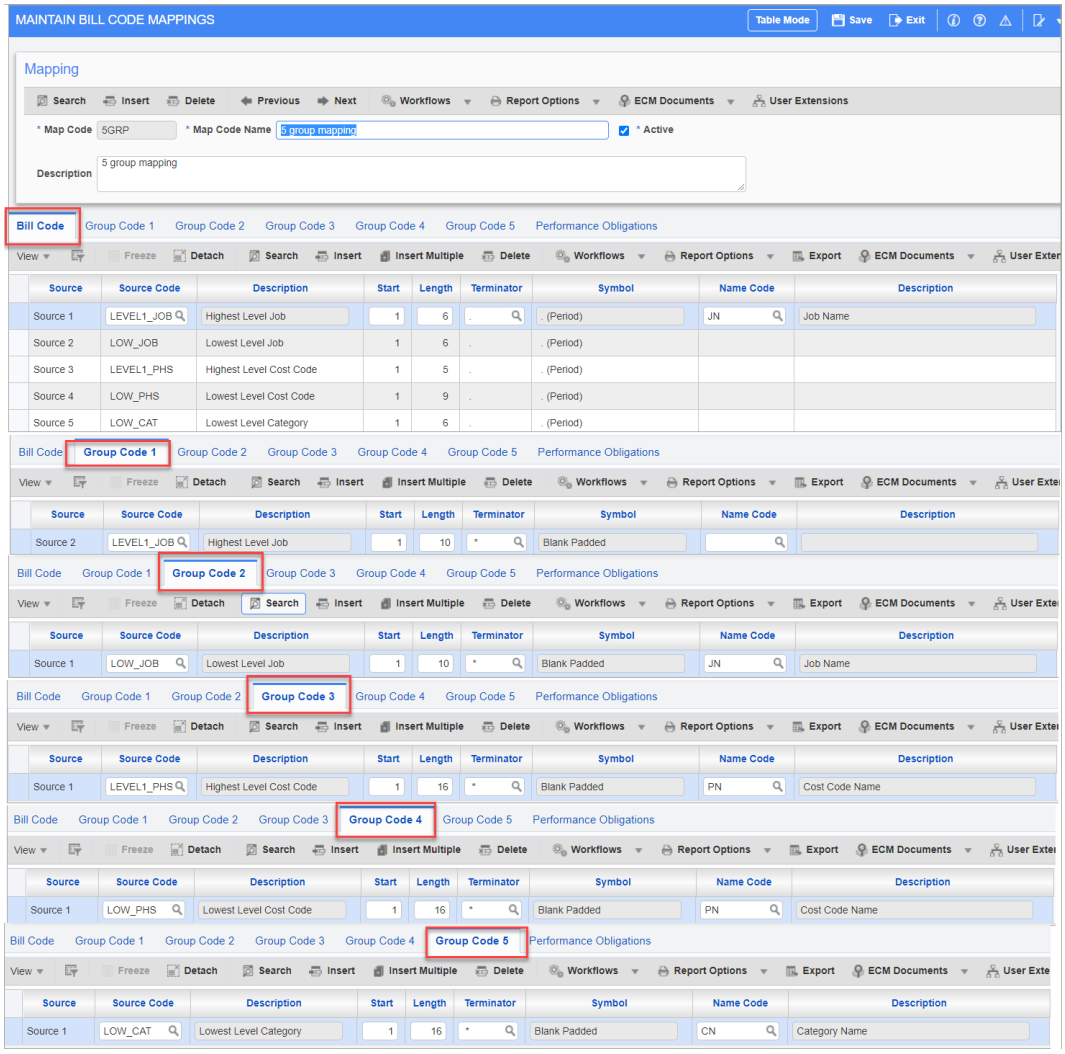
Custom Modification: 5 Levels of Grouping in Job Billing (19.86729)

Provides support for up to 5 separate levels of grouping in the below invoice formats:

- JBPB_U10
- JBPB_U10_OWNER
- JBPB_U10OC
- JBPB_U10Q
- JBPB_U10Q2
- JBPB_U10SC
- JBPB_U11
- JBPB_U11CM
- JBPB_U11PA
- JBPB_U11VN
- JBPB_U12
- JBPB_U13
- JBPB_U14
- JBPB_U15
- JBPB_U15PB
- JBPB_U16
- JBPB_U17
- JBPB_U20
- JBPB_U21

Test Case:

1. Set up 5 levels of group mapping code.



2. Set up Group Summary in Invoice Formats program.

Print JB invoice (e.g. JBPB_U21)

ling's company Ltd.

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: 052920
PERIOD TO: 043020

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	PER- %(G/C)	H BALANCE TO FINISH	I RETAINAGE
5G	5G											
01	General Conditions											
01-100	Temporary Structures											
1000	Labour											
5G.5G.01.01-100.1000.	LINCOM1 5G	120,000	0	0	120,000	0	0	0	0	0	120,000	0
	Labour Total:	120,000	0	0	120,000	0	0	0	0	0	120,000	0
2000	Subcontract											
5G.5G.01.01-100.2000.	LINCOM1 5G	120,000	0	0	120,000	0	0	0	0	0	120,000	0
	Subcontract Total:	120,000	0	0	120,000	0	0	0	0	0	120,000	0
3000	Equipment											
5G.5G.01.01-100.3000.	LINCOM1 5G	120,000	0	0	120,000	0	0	0	0	0	120,000	0
	Equipment Total:	120,000	0	0	120,000	0	0	0	0	0	120,000	0
4000	Material											
5G.5G.01.01-100.4000.	LINCOM1 5G	120,000	0	0	120,000	0	630	0	630	1	119,370	63
	Material Total:	120,000	0	0	120,000	0	630	0	630	1	119,370	63
5000	Sundry											
5G.5G.01.01-100.5000.	LINCOM1 5G	120,000	0	0	120,000	0	0	0	0	0	120,000	0
	Sundry Total:	120,000	0	0	120,000	0	0	0	0	0	120,000	0
	Temporary Structures Total:	600,000	0	0	600,000	0	630	0	630	0	599,370	63
01-103	Site Office											
1000	Labour											
5G.5G.01.01-103.1000.	LINCOM1 5G	120,000	0	0	120,000	0	0	0	0	0	120,000	0
	Labour Total:	120,000	0	0	120,000	0	0	0	0	0	120,000	0
2000	Subcontract											
5G.5G.01.01-103.2000.	LINCOM1 5G	120,000	0	0	120,000	0	640	0	640	1	119,360	64
	Subcontract Total:	120,000	0	0	120,000	0	640	0	640	1	119,360	64
3000	Equipment											
5G.5G.01.01-103.3000.	LINCOM1 5G	120,000	0	0	120,000	0	0	0	0	0	120,000	0
	Equipment Total:	120,000	0	0	120,000	0	0	0	0	0	120,000	0
	Site Office Total:	360,000	0	0	360,000	0	640	0	640	0	359,360	64
	General Conditions Total:	960,000	0	0	960,000	0	1,270	0	1,270	0	958,730	127

ling's company Ltd.

CONTINUATION SHEET

Page: 6

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: 052920
PERIOD TO: 043020

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	PER- %(G/C)	H BALANCE TO FINISH	I RETAINAGE
5G.5G-2.02.02-100.5000.	LINCOM1 5G	120,000	0	0	120,000	0	0	0	0	0	120,000	0
	Sundry Total:	120,000	0	0	120,000	0	0	0	0	0	120,000	0
	Structural Demolition Total:	600,000	0	0	600,000	0	1,470	0	1,470	0	598,530	147
02-200	Building Demolition											
3000	Equipment											
5G.5G-2.02.02-200.3000.	LINCOM1 5G	120,000	0	0	120,000	0	0	0	0	0	120,000	0
	Equipment Total:	120,000	0	0	120,000	0	0	0	0	0	120,000	0
4000	Material											
5G.5G-2.02.02-200.4000.	LINCOM1 5G	120,000	0	0	120,000	0	0	0	0	0	120,000	0
	Material Total:	120,000	0	0	120,000	0	0	0	0	0	120,000	0
5000	Sundry											
5G.5G-2.02.02-200.5000.	LINCOM1 5G	120,000	0	0	120,000	0	1,190	0	1,190	1	118,810	119
	Sundry Total:	120,000	0	0	120,000	0	1,190	0	1,190	1	118,810	119
	Building Demolition Total:	360,000	0	0	360,000	0	1,190	0	1,190	0	358,810	119
	Existing Conditions Total:	960,000	0	0	960,000	0	2,660	0	2,660	0	957,340	266
03	Concrete											
03-100	Structural Concrete											
3000	Equipment											
5G.5G-2.03.03-100.3000.	LINCOM1 5G	120,000	0	0	120,000	0	1,210	0	1,210	1	118,790	121
	Equipment Total:	120,000	0	0	120,000	0	1,210	0	1,210	1	118,790	121
4000	Material											
5G.5G-2.03.03-100.4000.	LINCOM1 5G	120,000	0	0	120,000	0	0	0	0	0	120,000	0
	Material Total:	120,000	0	0	120,000	0	0	0	0	0	120,000	0
	Structural Concrete Total:	240,000	0	0	240,000	0	1,210	0	1,210	1	238,790	121
	Concrete Total:	240,000	0	0	240,000	0	1,210	0	1,210	1	238,790	121
	5G-2 Total:	1,200,000	0	0	1,200,000	0	3,870	0	3,870	0	1,196,130	387
	I Total:	4,440,000	0	0	4,440,000	0	10,520	0	10,520	0	4,429,480	1,052
	Project Total:	4,440,000	0	0	4,440,000	0	10,520	0	10,520	0	4,429,480	1,052

5 levels of grouping works correctly

Print VAT Tax Number in Free Form Invoice (20.20290)

Ability to print VAT tax in Free Form Invoice Format.

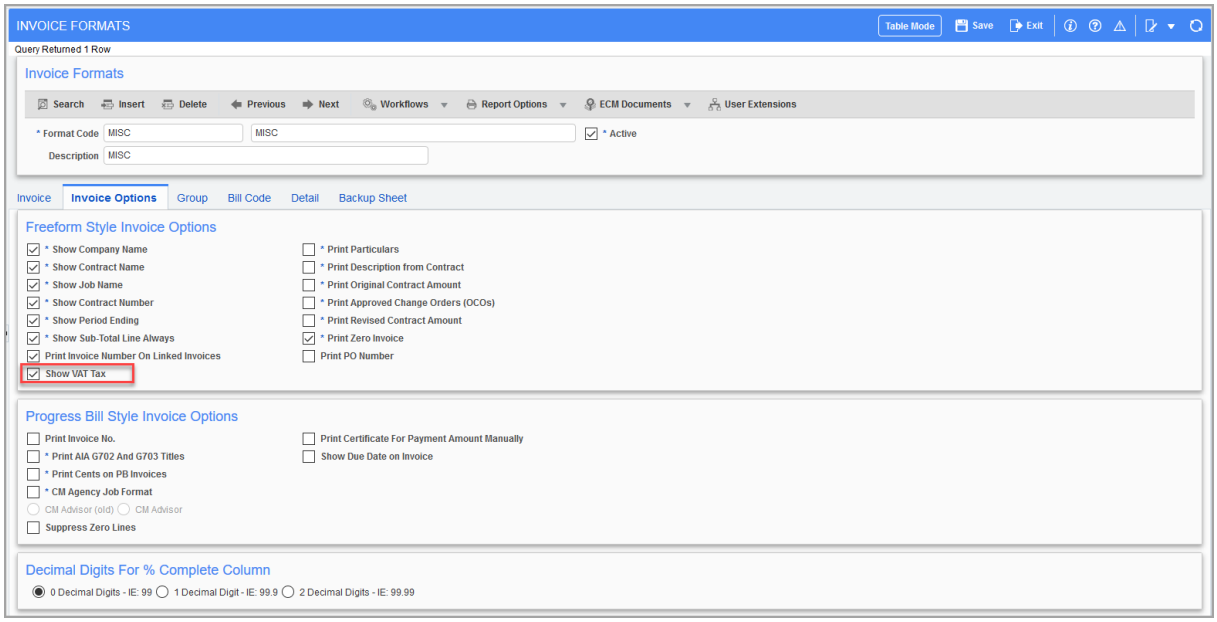
Overview

Added a new flag to show VAT tax in Free Form Invoice Format (JBINVPRT).

Modifications

This modification is only applicable to JBINVPRT format. A flag is added in Invoice Format program.

'Show VAT Tax' flag is added to JB > Setup > Local Tables > Invoice Formats – Invoice Option Tab. Flag is unchecked by default; user has to check the flag to show VAT tax on JBINVPRT free form invoice format.

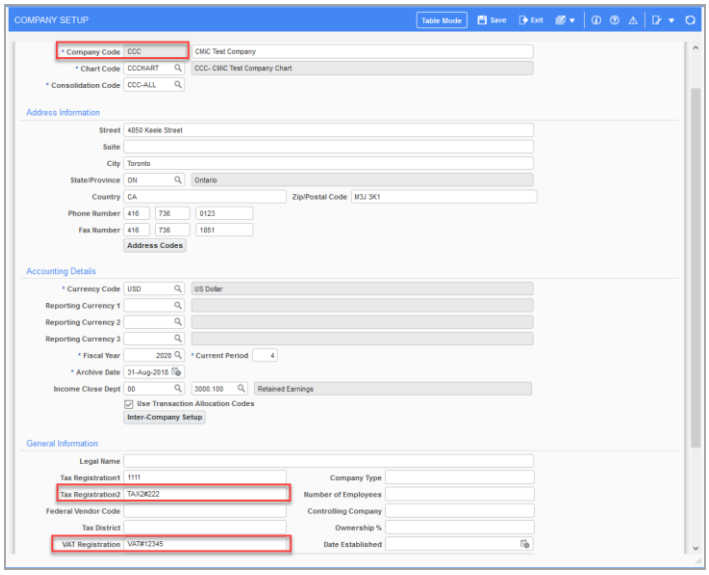


JB > Setup > Local Tables > Invoice Formats – Invoice Option Tab

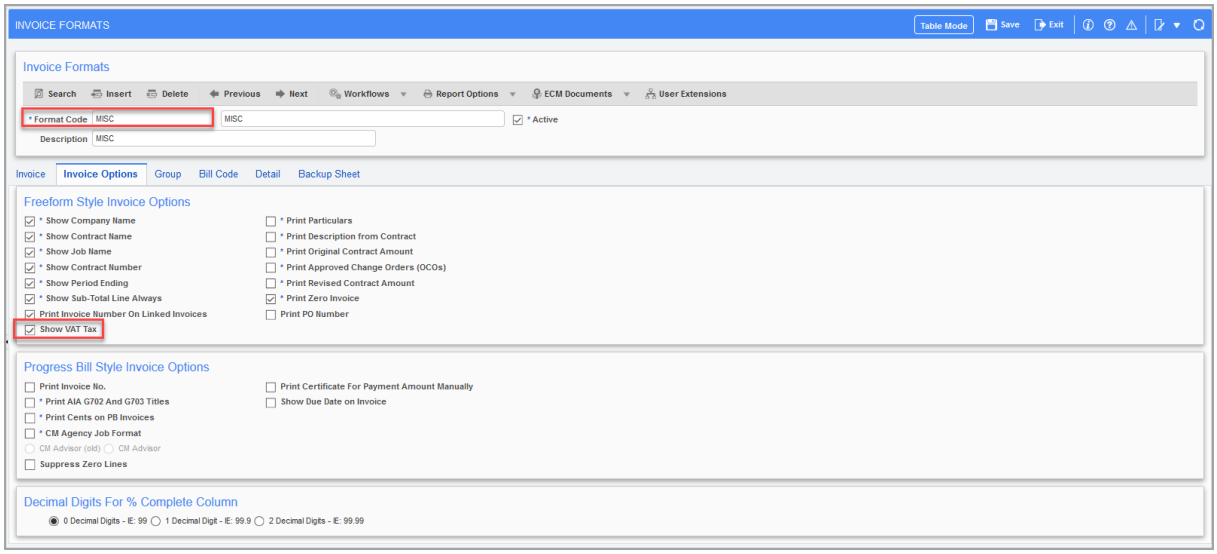
Implementation

Company: CCC
Vat: VAT#12345
Tax Registration 2: TAX#222

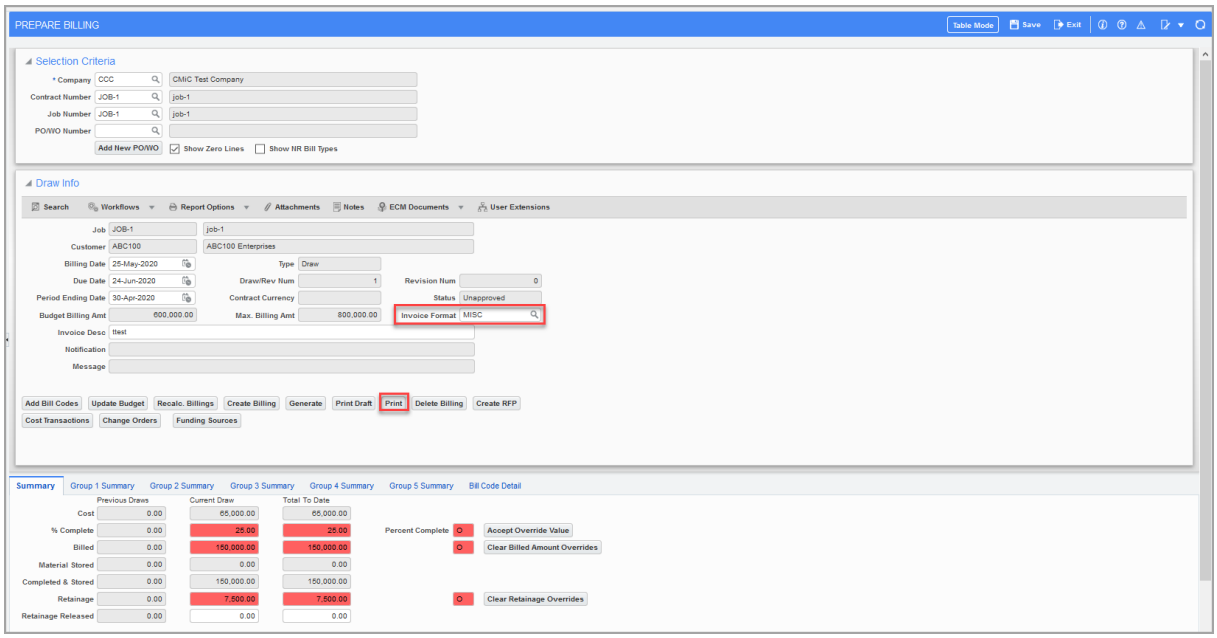
Case 1:



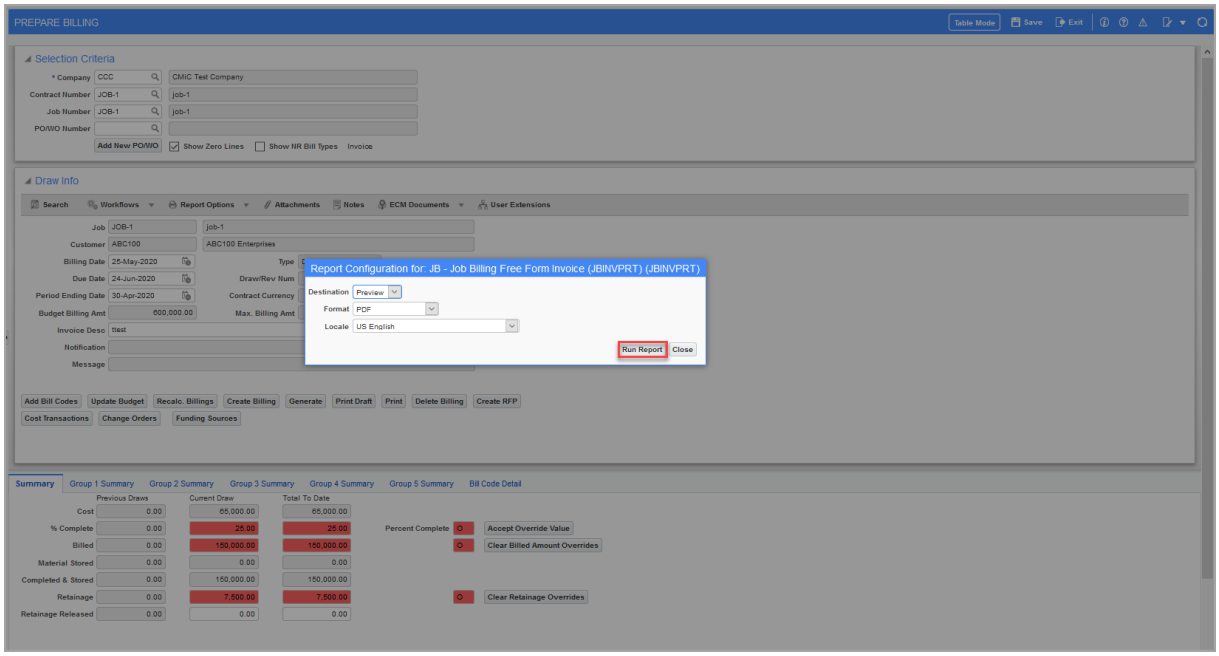
GL > Setup > Maintain Companies



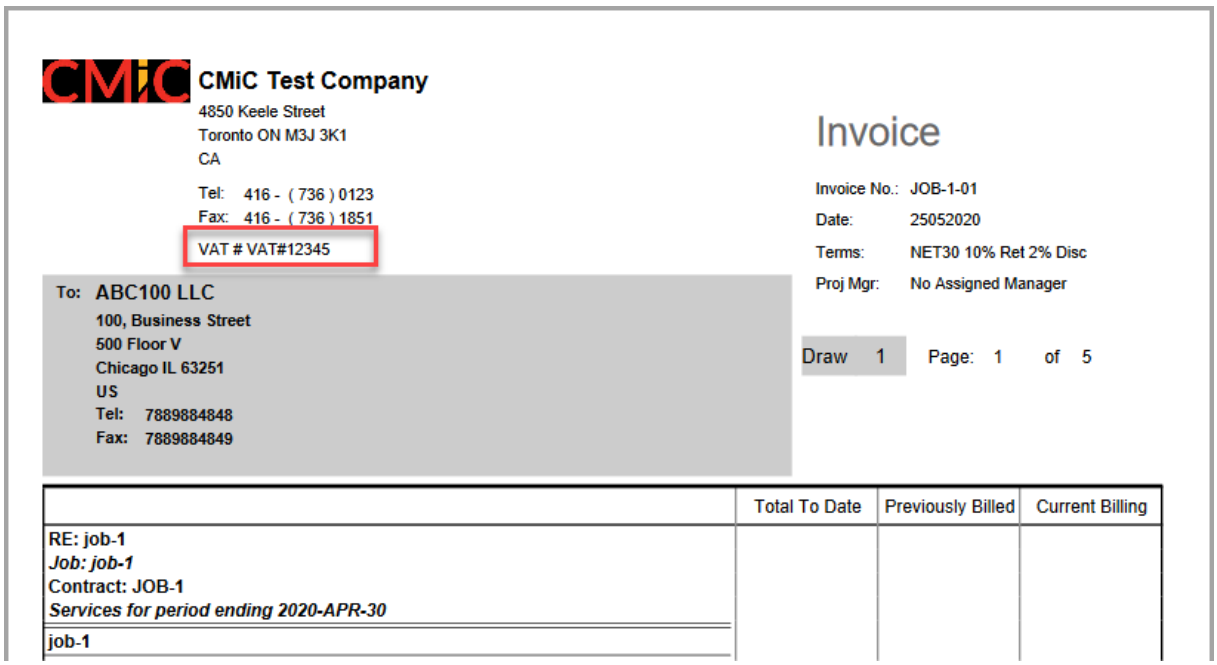
JB > Setup > Local Tables > Invoice Formats – Invoice Option Tab



Job Billing > Billing > G/C Prepare Billing



Job Billing > Billing > G/C Prepare Billing



CMiC Test Company
4850 Keele Street
Toronto ON M3J 3K1
CA

Tel: 416 - (736) 0123
Fax: 416 - (736) 1851
VAT # VAT#12345

Invoice

Invoice No.: JOB-1-01
Date: 25052020
Terms: NET30 10% Ret 2% Disc
Proj Mgr: No Assigned Manager

To: ABC100 LLC
100, Business Street
500 Floor V
Chicago IL 63251
US
Tel: 7889884848
Fax: 7889884849

Draw 1 Page: 1 of 5

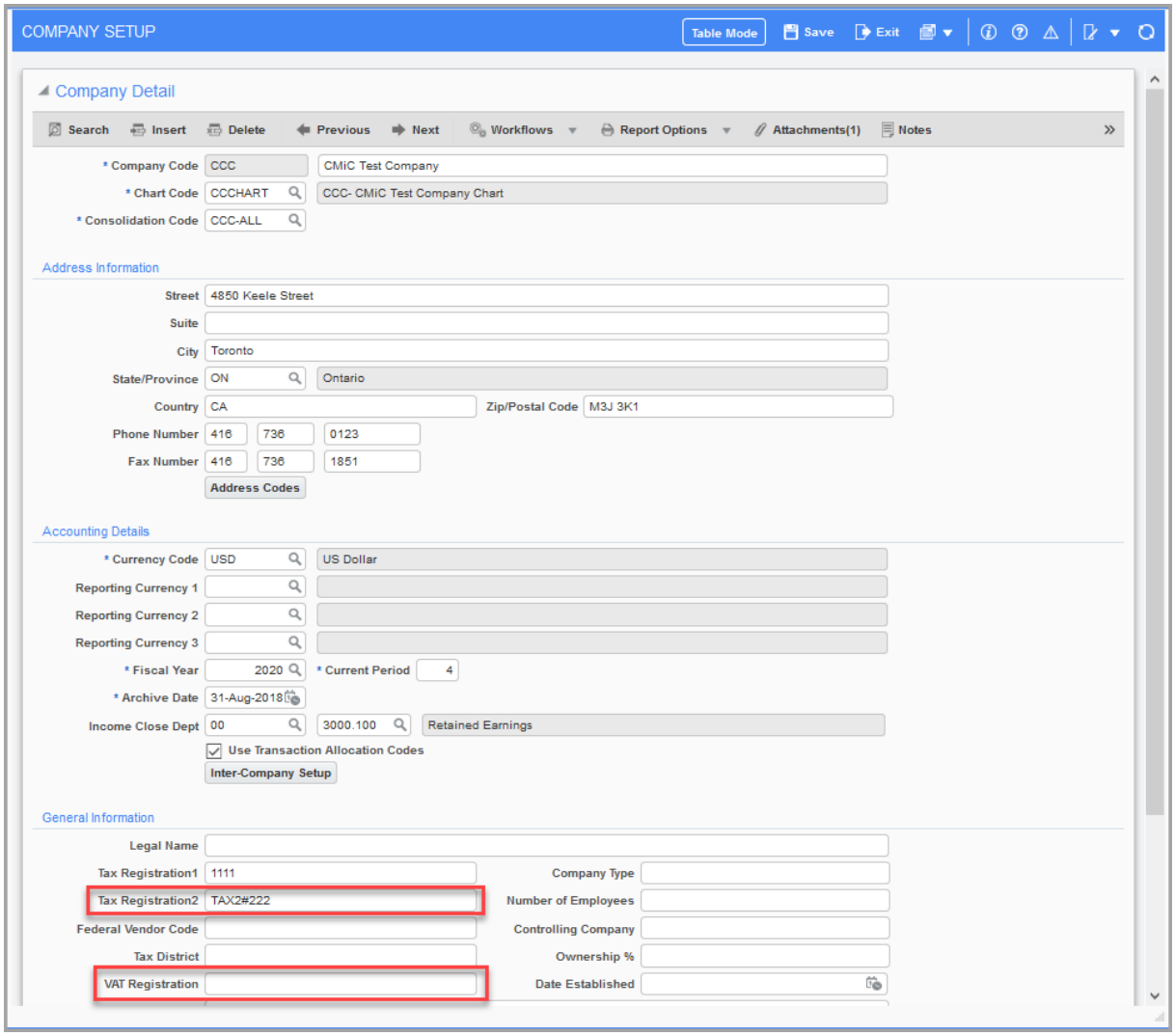
	Total To Date	Previously Billed	Current Billing
RE: job-1 *Job: job-1* Contract: JOB-1 *Services for period ending 2020-APR-30*			
job-1			

The above report shows the VAT Tax on invoice, as the Show Vat Tax flag is checked.

Case 2:

VAT# - NULL
Tax Registration 2: TAX2#222

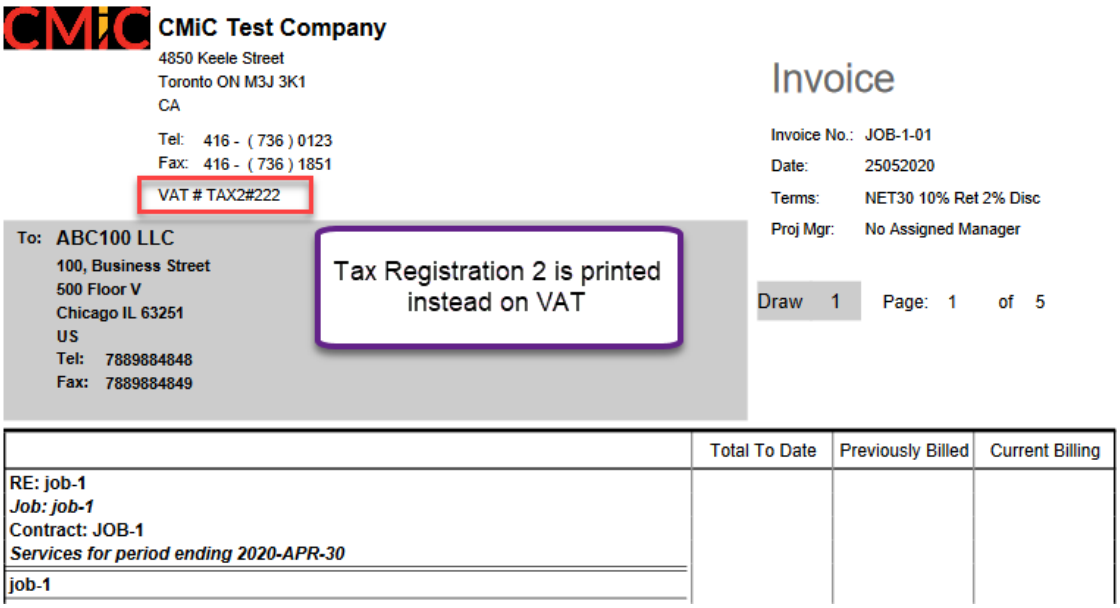
The values of VAT tax are removed, only Tax Registration 2 value is available.



GL > Setup > Maintain Companies

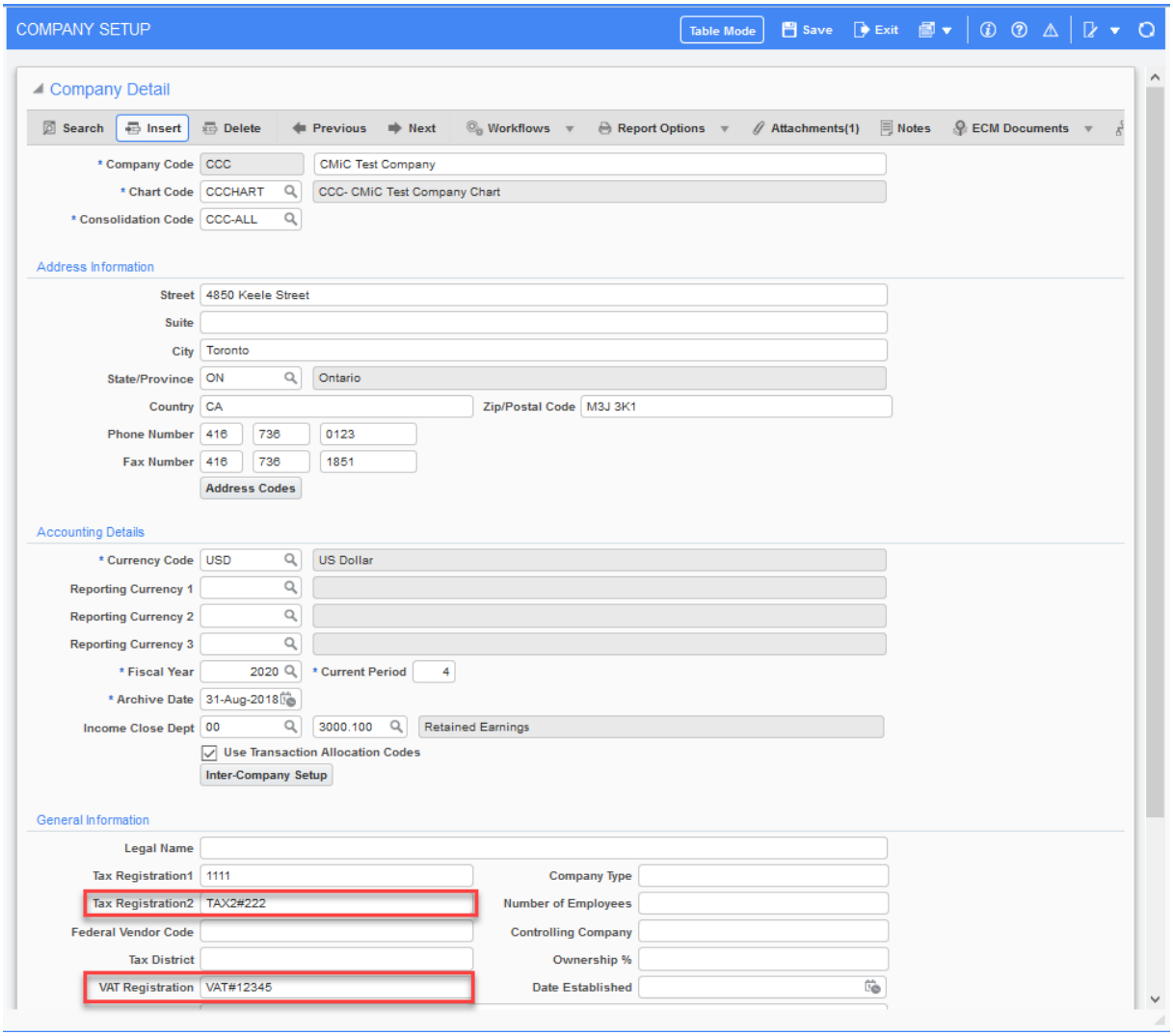
Show VAT Tax flag - Checked

If VAT tax is NULL and Tax Registration 2 value is available, Tax Registration 2 value is printed on invoice.

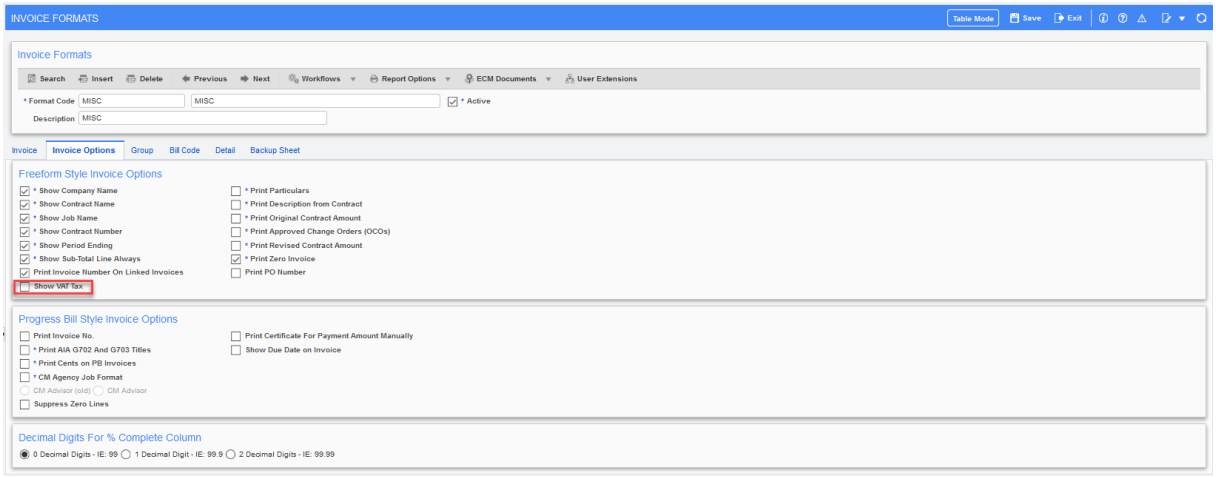

CMiC Test Company
4850 Keele Street
Toronto ON M3J 3K1
CA
Tel: 416 - (736) 0123
Fax: 416 - (736) 1851
VAT # TAX2#222
Invoice
Invoice No.: JOB-1-01
Date: 25052020
Terms: NET30 10% Ret 2% Disc
Proj Mgr: No Assigned Manager
To: ABC100 LLC
100, Business Street
500 Floor V
Chicago IL 63251
US
Tel: 7889884848
Fax: 7889884849
Tax Registration 2 is printed instead on VAT
Draw 1
Page: 1 of 5
Total To Date
Previously Billed
Current Billing
RE: job-1
Job: job-1
Contract: JOB-1
Services for period ending 2020-APR-30
job-1

Case 3:
Company: CCC
Vat: VAT#12345
Tax Registration 2: TAX#222

Show VAT Tax flag: Un-checked

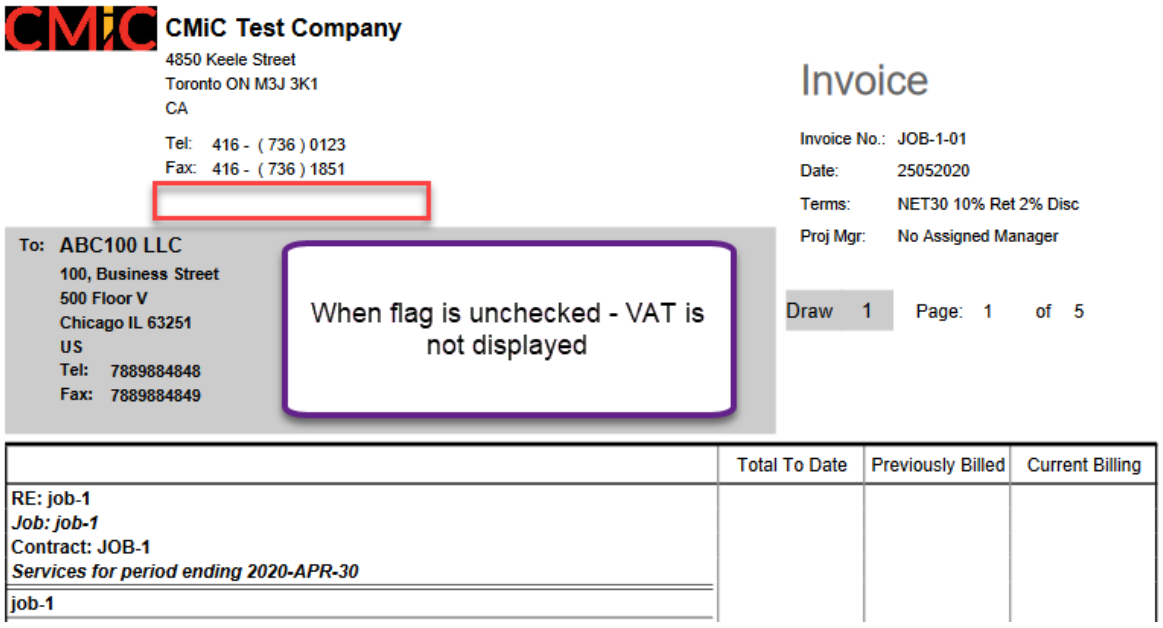


GL > Setup > Maintain Companies



JB > Setup > Local Tables > Invoice Formats – Invoice Option Tab

When flag is un-checked, VAT tax is not printed on the invoice.

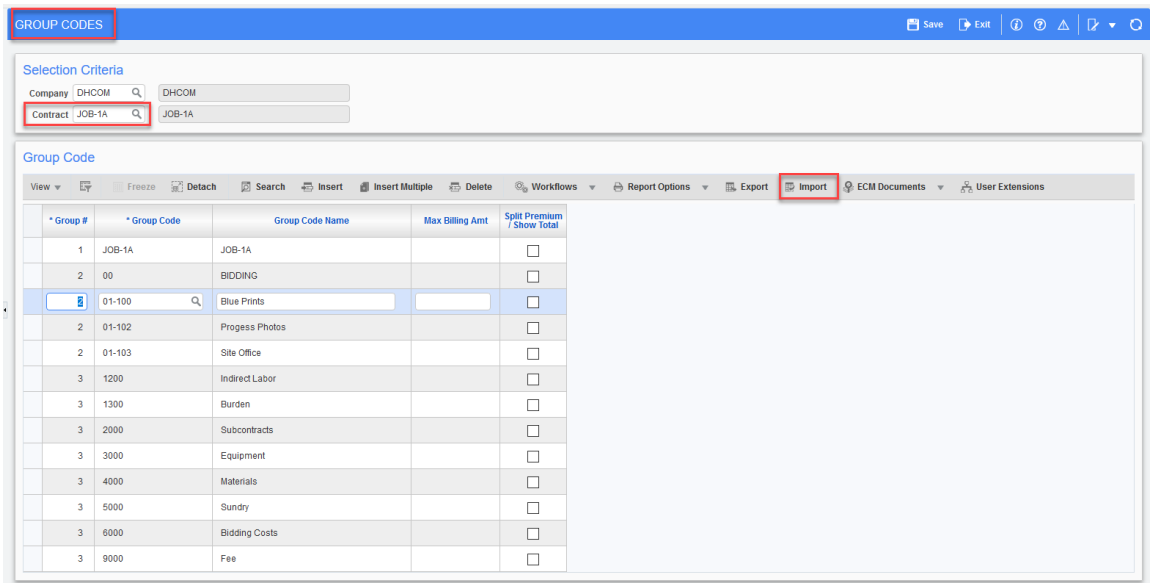


Show New Notary Section in Invoice Formats (20.23956)

Added option in invoice format to show new ‘Notary Section Details’ in JBPB_U11 & JBPBU15.

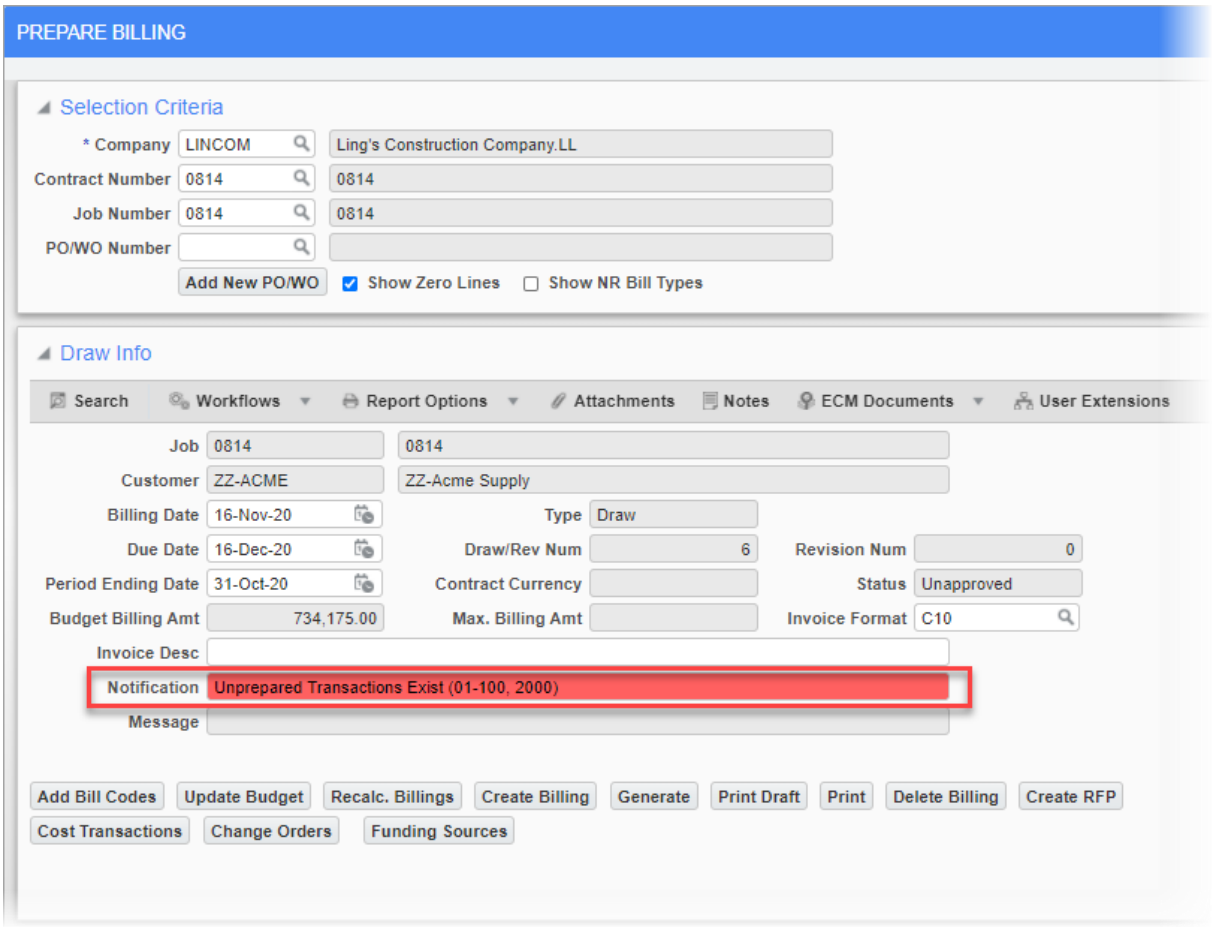
Billing Group Codes – Import Function (20.21523)

Added [**Import**] function button to Job Billing Group Codes Maintenance Program.



Job Billing > Setup > Local Tables > Group Codes

Notifications in G/C Prepare Billing (JBBILL2) (20.28279)



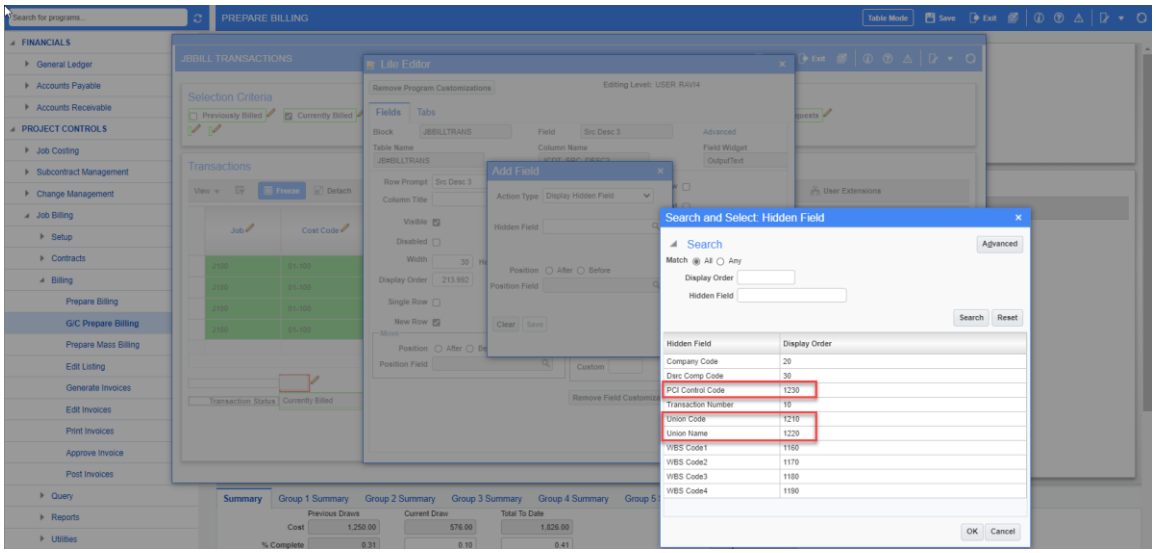
The notification text for all notifications are changed with red background for easy identification by users. Previously only the 'Recalculate Billing' was having the red background.

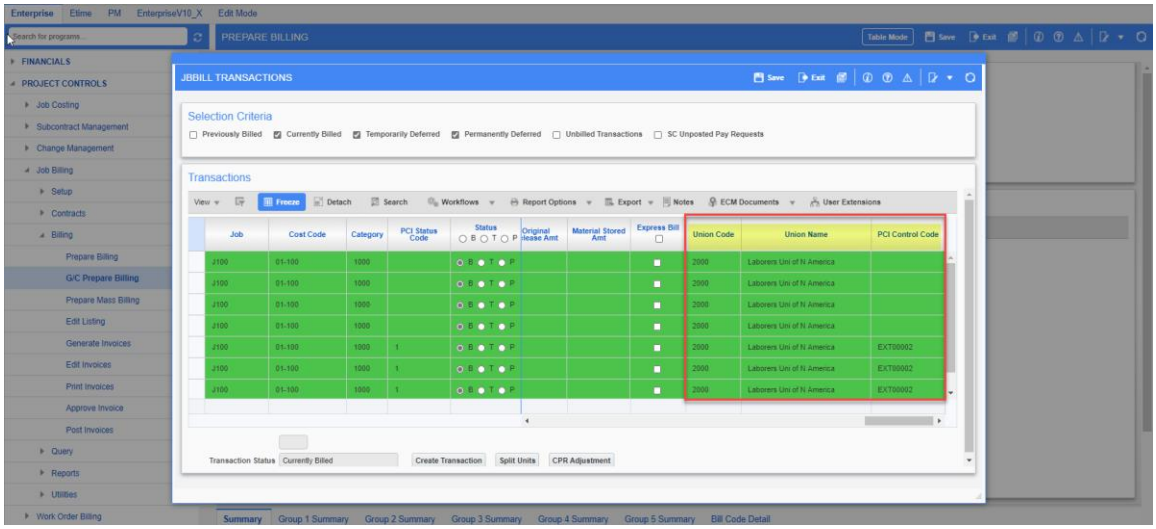
JBBILL2 -Added new fields to Cost Transactions pop-up (19.83338)

Added the following columns to the Job Billing > G/C Prepare Billing >Cost Transactions pop-up screen.

- Union Code
- Union Name
- PCI Control Code

The new fields are hidden by default. Users must add them as required using the Lite Editor.

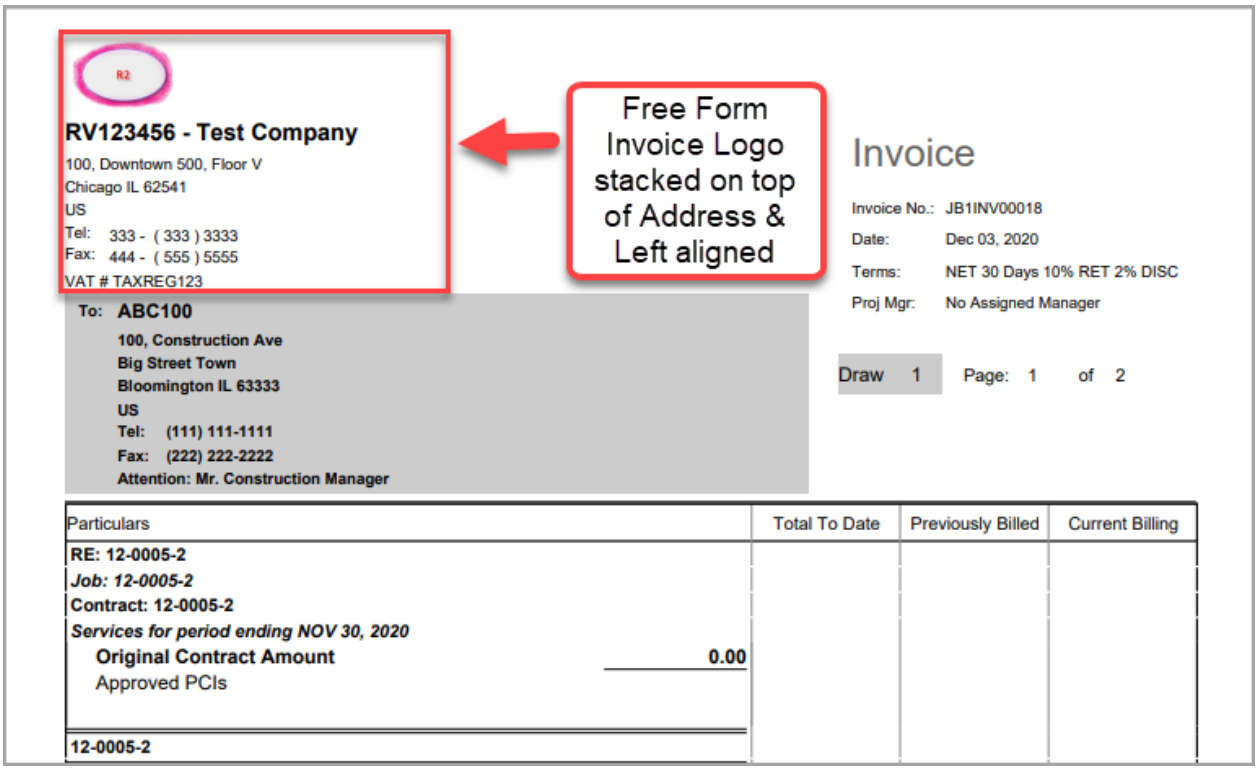




Free Form Invoice Format changes (20.29696)

Free Form Invoice Format (JBINVPRT) is modified as follows:

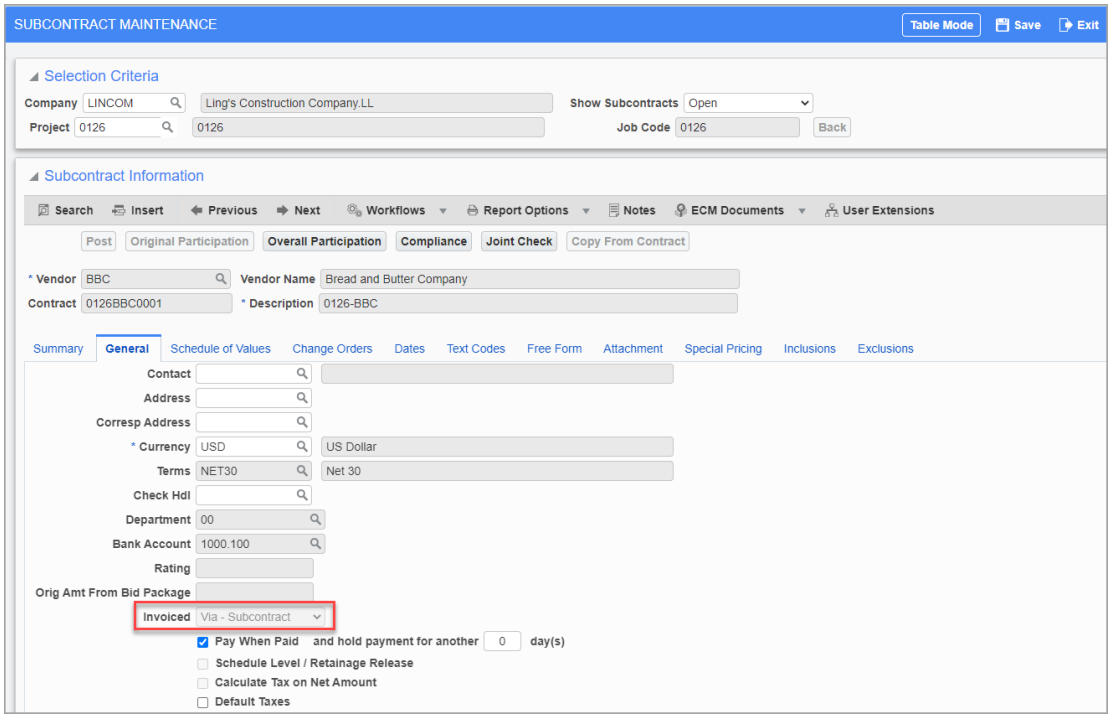
- Logo stacked on top of the Company Address
- Logo and Address are left aligned



Creation of Stored Materials in RFP Screen (19.86625)

The feature is to incorporate and process Stored Material information when entering Request for Payments. Stored Materials allows subcontractor to bill for an amount of material that is not yet used on the project.

1. Material Stored Is Only Applicable to Subcontracts Invoiced via SC.



2. The following new flags have been added to 'Subcontract Maintenance', 'Edit CO' and 'Modify Original Contract' screens:

   - Material Stored included in the Completed Amount:

     When checked, material stored override in Request for Payment programs will be considered as included in the calculated billing amount. The amount in Store Materials is just a reference.

   - Previous Completed Amount includes Material Stored:

     When checked, during invoice printing, the Previous Completed Amount column includes and prints material stored amount as well.

     This flag is enabled only when the 'Material Stored Includes in Calculated Current Amount' is enabled.

Important Note:

Although these two flags have been added to the mentioned screens, they will NOT be available for user to see or change. The Columns are hidden and not visible for all users.

The standard setup has been considered, (the two flags are set to Y by default), which means 'Material Stored always Included in the Completed Amount'.

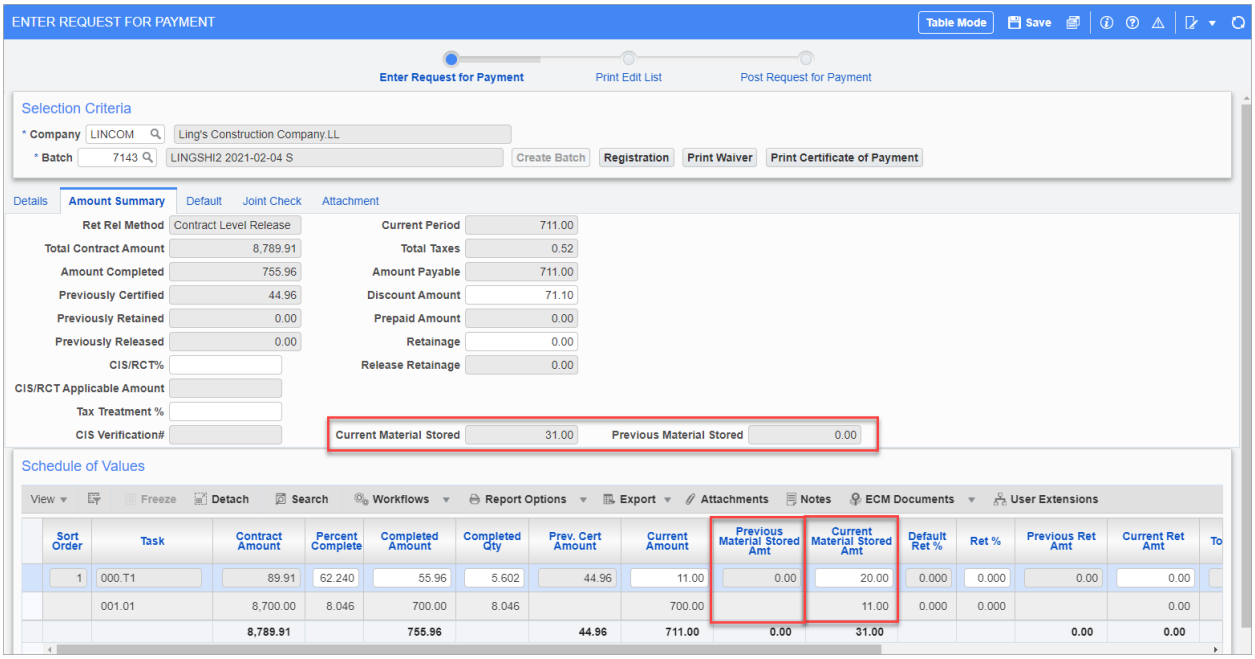
Modifications

1. Enter Request for Payments (SCPAYREQ):

The following new columns have been added to 'Request for Payments' screen in SOV detail and Amount Summary Tab:

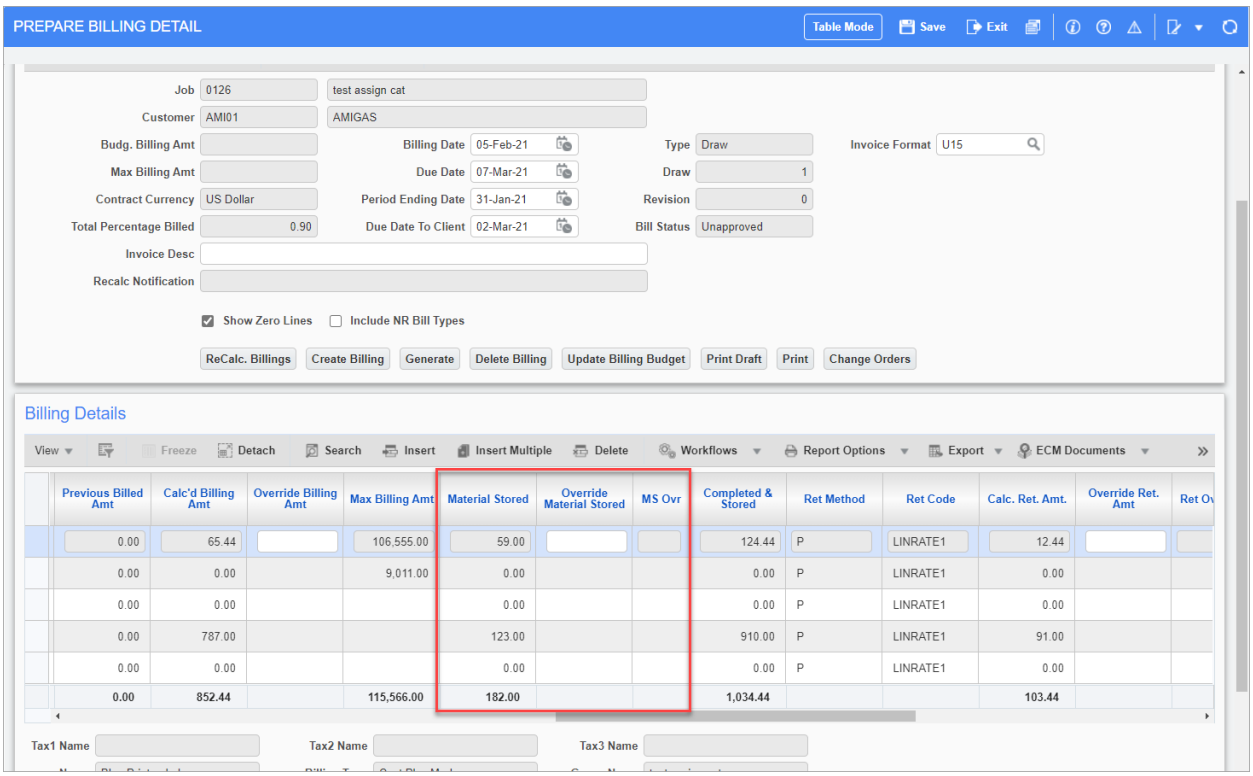
- Current Material Stored Amt: Identifies Material Stored on the current RFP
- Previous Material Stored Amt: The total of previously posted Material Stored amounts.

Corresponding fields have been added to the screen under ‘Amount Summary’ tab that indicates total amounts of the above columns at the Subcontract level.

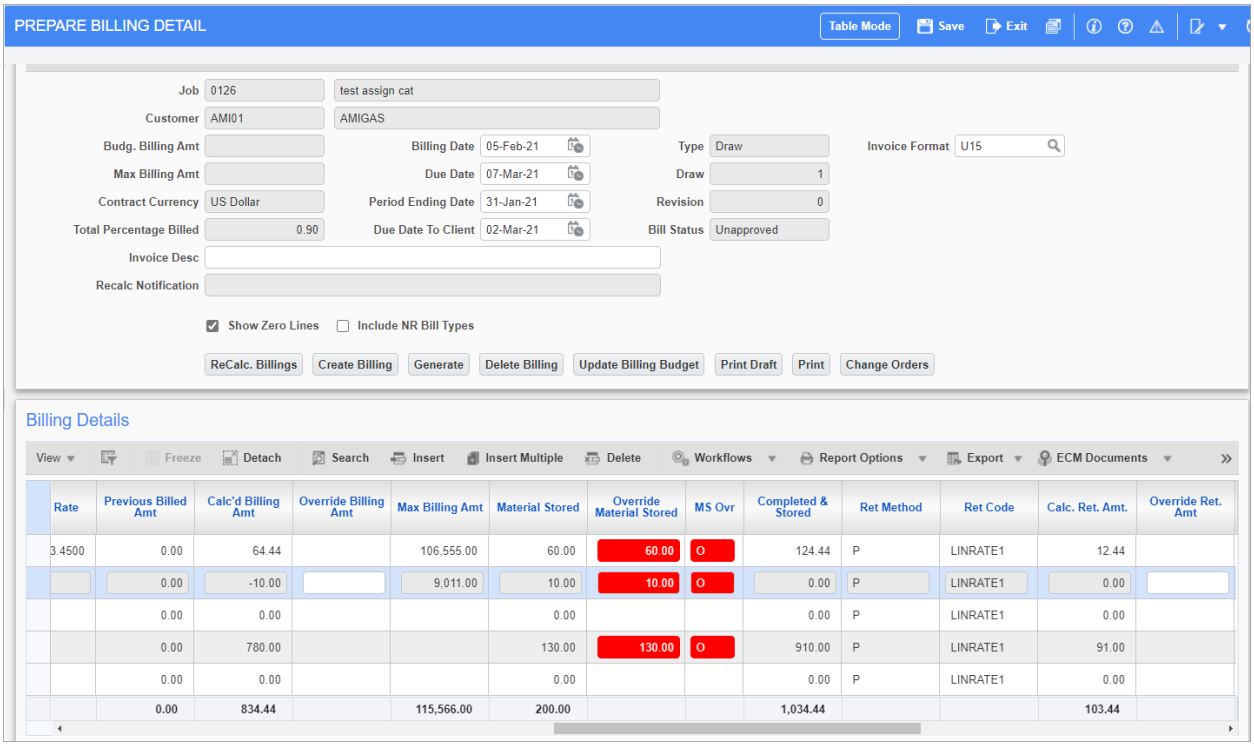


2. Prepare Billing (JBBILL):

New columns ‘Override Material Stored’ and ‘MS Ovr’ have been added to Billing Details section. Existing ‘Material Stored’ column has been disabled to be consistent with other overrides columns and holds the same functionality.

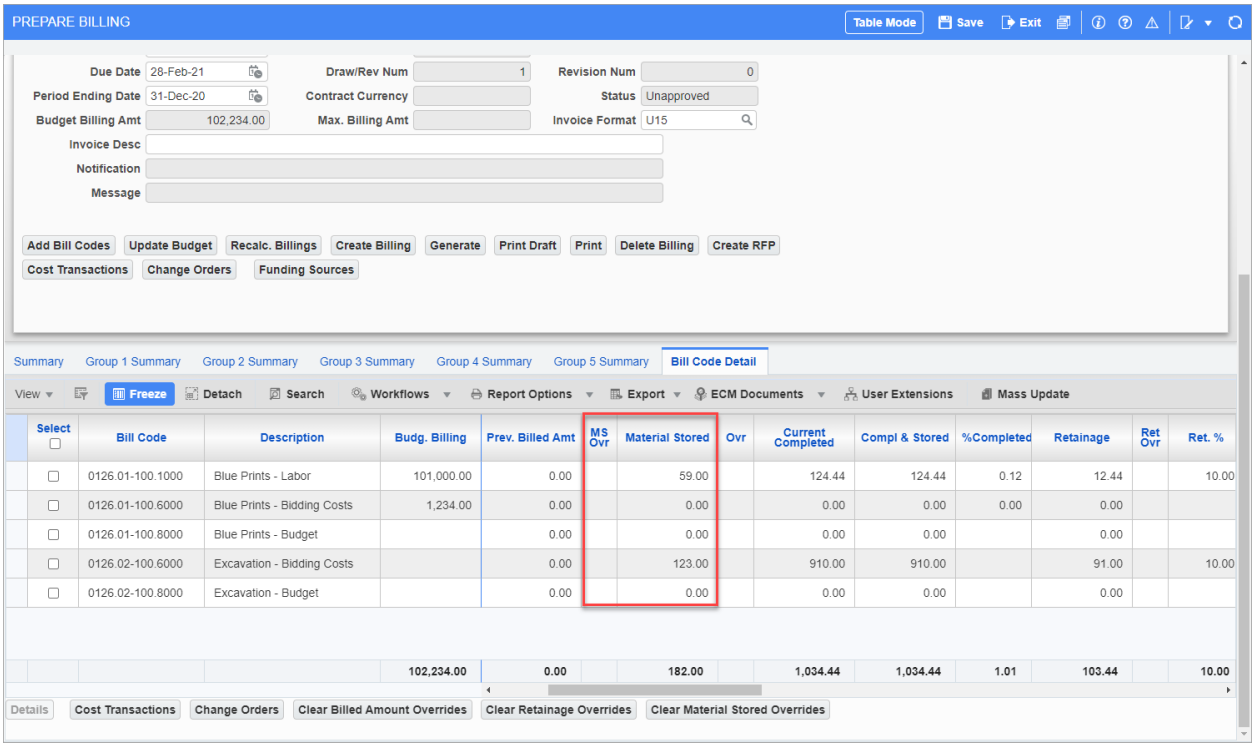


When user overrides Material Stored, followed by ‘Recalc Notification’ message and ‘ReCalc Billings’, the colored columns ‘Override Material Stored’ and ‘MS Ovr’ with letter ‘O’ indicate that the Material Stored Amount has been overridden.

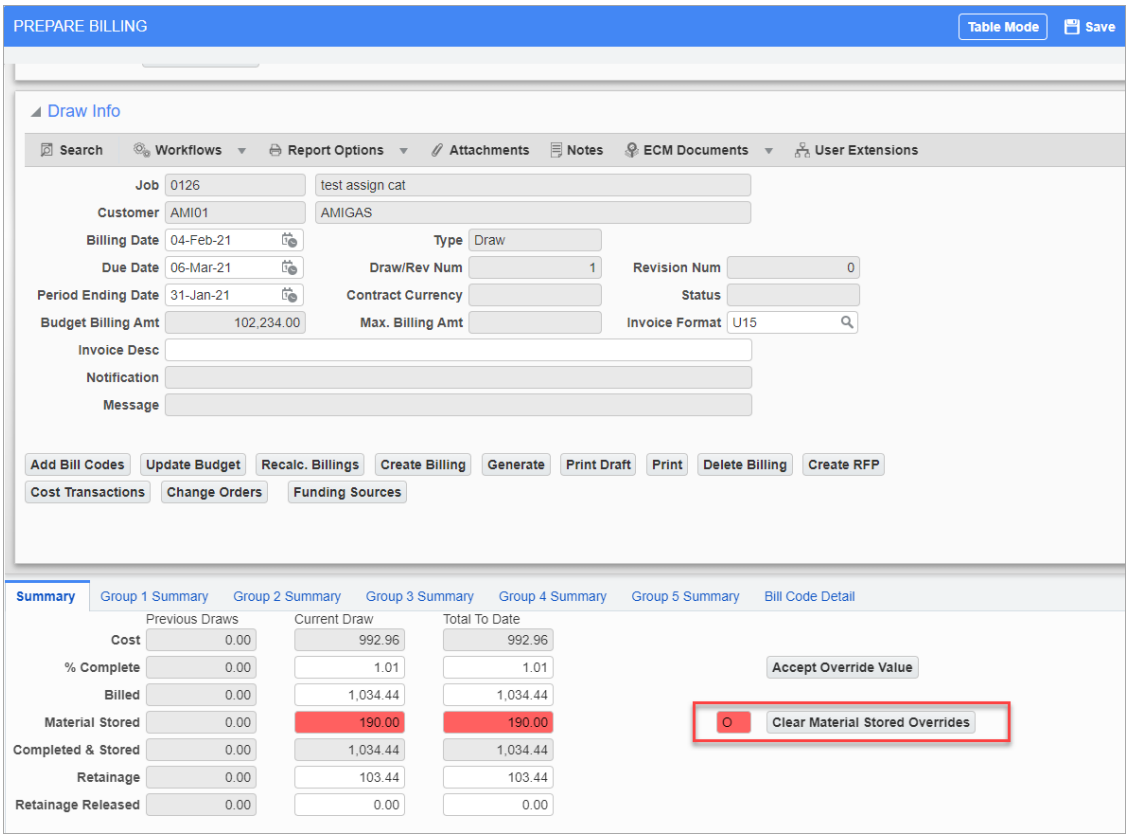


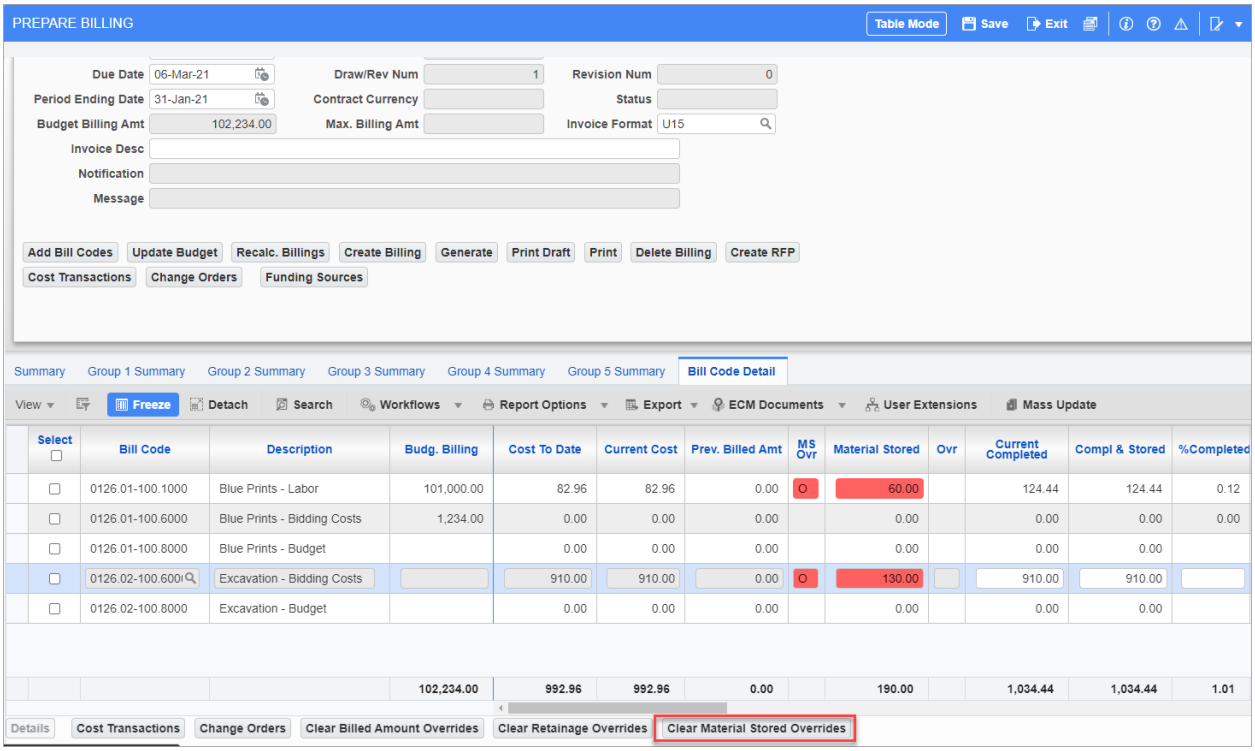
3. G/C Prepare Billing (JBBILL2):

New columns ‘Override Material Stored’ and ‘MS Ovr’ have been added to ‘Group 1 Summary’ to ‘Group 5 Summary’ and ‘Bill Code Detail’ Tabs. ‘Override Material Stored’ column is hidden in all tabs to be consistent with other overrides columns and holds the same functionality.



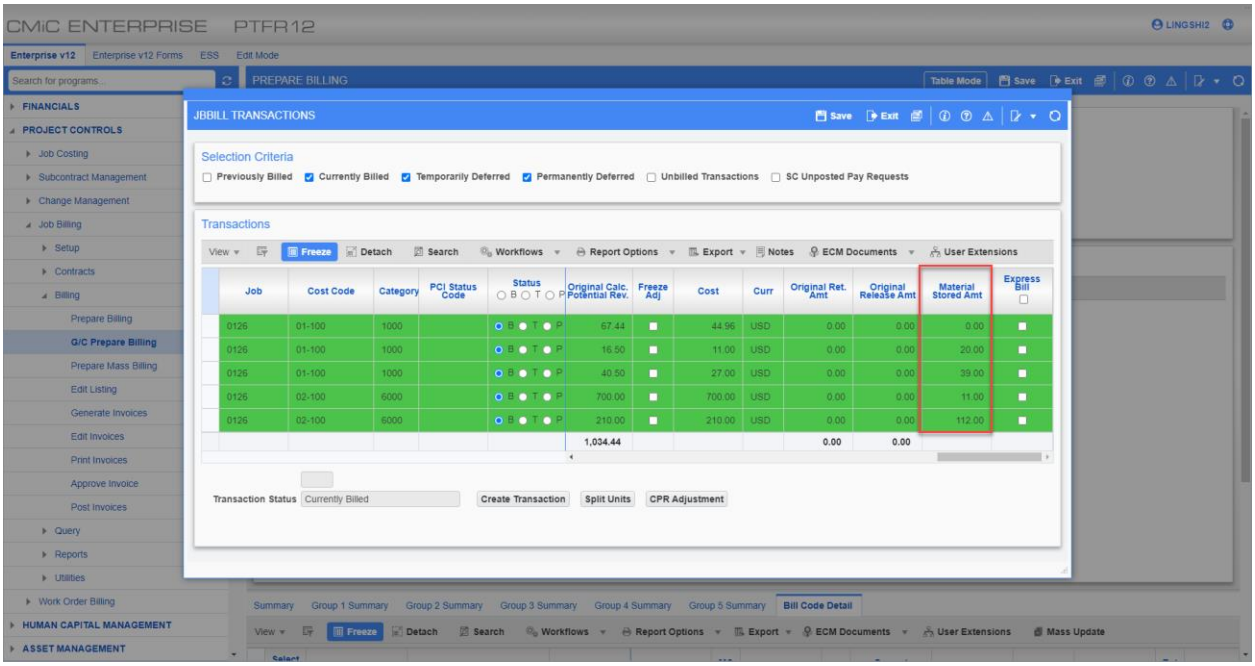
A new button called ‘Clear Material Stored Override’ has been added to Summary and ‘Bill Code Detail’ Tabs to clear MS Override Amounts and restore the calculated ones.





4. Cost Transaction pop-up (JBBILLTRANS):

A new column has been added to Cost Transaction pop-up screen that indicates Material Stored Amt on the Cost level of the associated Billing Detail line. The column is display only and cannot be updated.



Invoice Format JBPB_U10TR (20.34285)

Overview:

To create a Progress Billing Invoice Format JBPB_U10TR based on JBPB_U10OC.

Modifications:

The following two columns are added to the report for JBPB_U10TR Invoice Format

1. Transfer Budget Amounts column:
    a. Transfer Budget Amounts column will list the sum of all posted Transfer PCI amounts associated with a bill code line.
    b. Subtotal will be shown.
2. Revised Schedule Value/Revised Budget column:
    a. This column will show the sum of Original Budget (Scheduled value) +Transfer Budget Amounts
    b. Subtotal will be shown.

The columns are added after the column ‘C ‘(Scheduled value/Original Budget column)

Screen Prints:

RV123456 / 1200M / Draw 3 /Rev:0

JBPB_U10OC Invoice Format:

RV123456 - Test Company

CONTINUATION SHEET AIA DOCUMENT G703 Page: 3

AIA DOCUMENT G702, APPLICATION AND CERTIFICATE FOR PAYMENT, containing Contractor's signed Certification is attached.
In tabulation below, amounts are stated to the nearest cent.
Use Column I on Contracts where variable retainage for line items may apply.

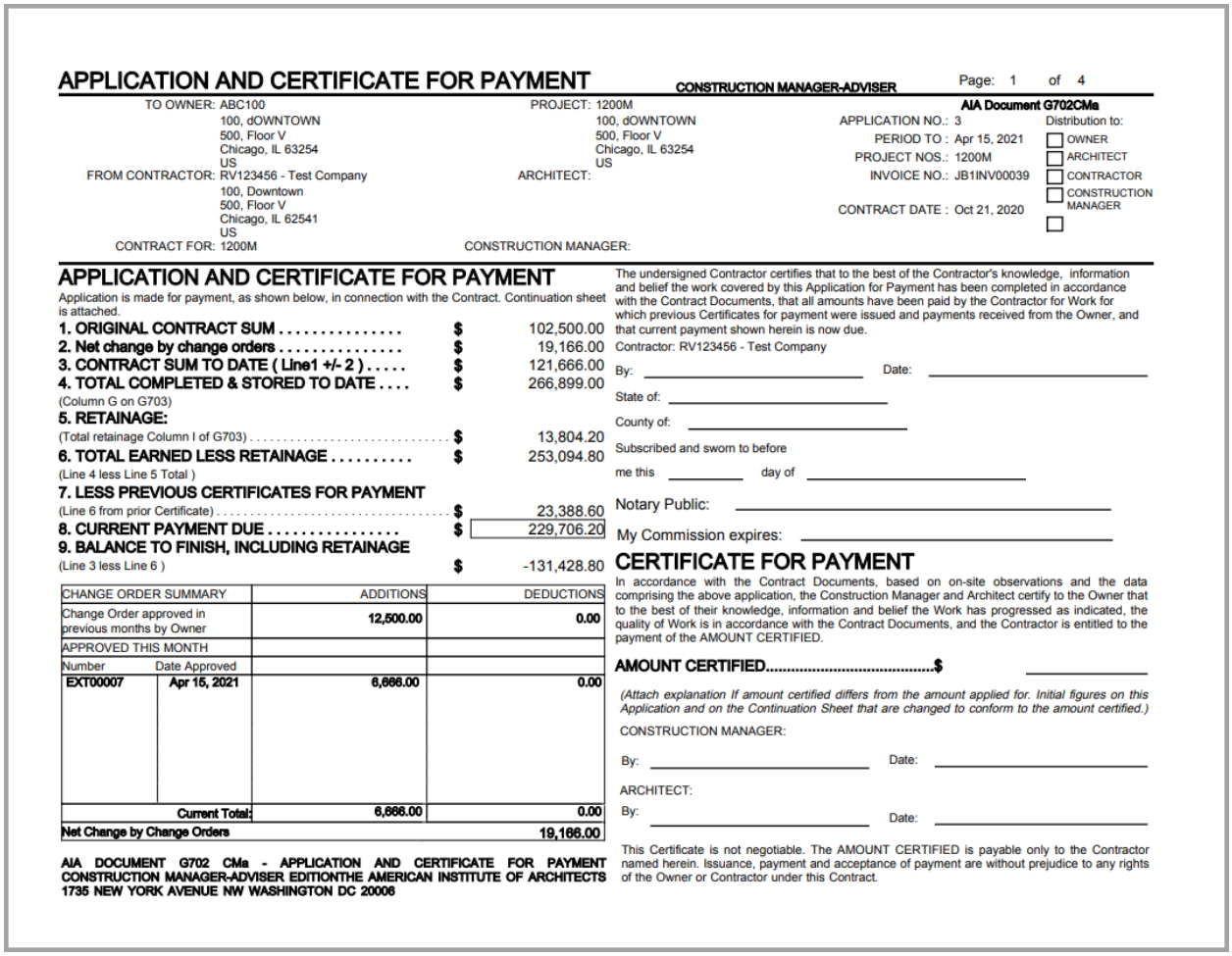
APPLICATION NUMBER: 3
APPLICATION DATE: Apr 15, 2021 INVOICE NO.:
PERIOD TO: Apr 15, 2021 JB1INV00039
PROJECT NO: 1200M

Original Budget is only shown

Subtotals shown

A	B	C	D	E	F	G		H	I
ITEM NO.	DESCRIPTION OF WORK	ORIGINAL BUDGET	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
03	Structural Concrete								
1200M	1200M								
1200M.03-100.1000	Structural Concrete - Labour	15,000.00	0.00	1,640.00	0.00	1,640.00	8	20,026.00	164.00
	1200M Total:	*15,000.00*	*0.00*	*1,640.00*	*0.00*	*1,640.00*	*8*	*20,026.00*	*164.00*
	Structural Concrete Total:	*15,000.00*	*0.00*	*1,640.00*	*0.00*	*1,640.00*	*8*	*20,026.00*	*164.00*
	Structural Concrete Total:	*15,000.00*	*0.00*	*1,640.00*	*0.00*	*1,640.00*	*8*	*20,026.00*	*164.00*
	Labour Total:	*90,000.00*	*5,032.00*	*245,755.00*	*0.00*	*250,787.00*	*238*	*-145,233.00*	*6,164.00*
2000	Subcontract								
02-100	Structual Demolition								
02	Existing Conditions								
1200M	1200M								
1200M.02-100.2000	Structual Demolition - Subcontract	-2,500.00	25,000.00	-8,888.00	0.00	16,112.00	1,449	-15,000.00	7,640.20
	1200M Total:	*-2,500.00*	*25,000.00*	*-8,888.00*	*0.00*	*16,112.00*	*1,449*	*-15,000.00*	*7,640.20*
	Existing Conditions Total:	*-2,500.00*	*25,000.00*	*-8,888.00*	*0.00*	*16,112.00*	*1,449*	*-15,000.00*	*7,640.20*
	Structual Demolition Total:	*-2,500.00*	*25,000.00*	*-8,888.00*	*0.00*	*16,112.00*	*1,449*	*-15,000.00*	*7,640.20*
02-200	Architectual Demolition								
02	Existing Conditions								
1200M	1200M								
1200M.02-200.2000	Architectual Demolition - Subcontract	15,000.00	0.00	0.00	0.00	0.00	0	15,000.00	0.00
	1200M Total:	*15,000.00*	*0.00*	*0.00*	*0.00*	*0.00*	*0*	*15,000.00*	*0.00*
	Existing Conditions Total:	*15,000.00*	*0.00*	*0.00*	*0.00*	*0.00*	*0*	*15,000.00*	*0.00*
	Architectual Demolition Total:	*15,000.00*	*0.00*	*0.00*	*0.00*	*0.00*	*0*	*15,000.00*	*0.00*
	Subcontract Total:	*12,500.00*	*25,000.00*	*-8,888.00*	*0.00*	*16,112.00*	*100*	*0.00*	*7,640.20*
PENDING_PCI	Pending PCI	0.00	0.00	0.00	0.00	0.00	100	0.00	0.00
	Total:	*0.00*	*0.00*	*0.00*	*0.00*	*0.00*	*0*	*0.00*	*0.00*
	Total:	*0.00*	*0.00*	*0.00*	*0.00*	*0.00*	*0*	*0.00*	*0.00*
	Total:	*0.00*	*0.00*	*0.00*	*0.00*	*0.00*	*0*	*0.00*	*0.00*
	Total:	*0.00*	*0.00*	*0.00*	*0.00*	*0.00*	*0*	*0.00*	*0.00*
	Total:	**102,500.00**	**30,032.00**	**236,867.00**	**0.00**	**266,899.00**	**219**	**-145,233.00**	**13,804.20**
	Contract Total:	***102,500.00***	***30,032.00***	***236,867.00***	***0.00***	***266,899.00***	***260***	***-145,233.00***	***13,804.20***
No OCO	**No OCO**								
EXT00001	EXT	12,500.00	12,500.00						
EXT00007	null	6,666.00		6,666.00					

JBPB_U10TR Invoice Format with modifications made (with added TRN Budget Columns):



APPLICATION AND CERTIFICATE FOR PAYMENT

CONSTRUCTION MANAGER-ADVISER

Page: 1 of 4

AIA Document G702CMa

TO OWNER: ABC100
100, dOWNTOWN
500, Floor V
Chicago, IL 63254
US

PROJECT: 1200M
100, dOWNTOWN
500, Floor V
Chicago, IL 63254
US

APPLICATION NO.: 3
PERIOD TO : Apr 15, 2021
PROJECT NOS.: 1200M
INVOICE NO.: JB1INV00039
CONTRACT DATE : Oct 21, 2020

Distribution to:
☐ OWNER
☐ ARCHITECT
☐ CONTRACTOR
☐ CONSTRUCTION MANAGER
☐

FROM CONTRACTOR: RV123456 - Test Company
100, Downtown
500, Floor V
Chicago, IL 62541
US

ARCHITECT:

CONTRACT FOR: 1200M

CONSTRUCTION MANAGER:

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	$	102,500.00
2. Net change by change orders	$	19,166.00
3. CONTRACT SUM TO DATE (Line1 +/- 2)	$	121,666.00
4. TOTAL COMPLETED & STORED TO DATE (Column G on G703)	$	266,899.00
5. RETAINAGE: (Total retainage Column I of G703)	$	13,804.20
6. TOTAL EARNED LESS RETAINAGE (Line 4 less Line 5 Total)	$	253,094.80
7. LESS PREVIOUS CERTIFICATES FOR PAYMENT (Line 6 from prior Certificate)	$	23,388.60
8. CURRENT PAYMENT DUE	$	229,706.20
9. BALANCE TO FINISH, INCLUDING RETAINAGE (Line 3 less Line 6)	$	-131,428.80

CHANGE ORDER SUMMARY		ADDITIONS	DEDUCTIONS
Change Order approved in previous months by Owner		12,500.00	0.00
APPROVED THIS MONTH			
Number	Date Approved		
EXT00007	Apr 15, 2021	6,666.00	0.00
	Current Total:	6,666.00	0.00
Net Change by Change Orders			19,166.00

AIA DOCUMENT G702 CMa - APPLICATION AND CERTIFICATE FOR PAYMENT CONSTRUCTION MANAGER-ADVISER EDITIONTHE AMERICAN INSTITUTE OF ARCHITECTS 1735 NEW YORK AVENUE NW WASHINGTON DC 20006

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: RV123456 - Test Company

By: _____ Date: _____

State of: _____

County of: _____

Subscribed and sworn to before me this _____ day of _____

Notary Public: _____

My Commission expires: _____

CERTIFICATE FOR PAYMENT

In accordance with the Contract Documents, based on on-site observations and the data comprising the above application, the Construction Manager and Architect certify to the Owner that to the best of their 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.)

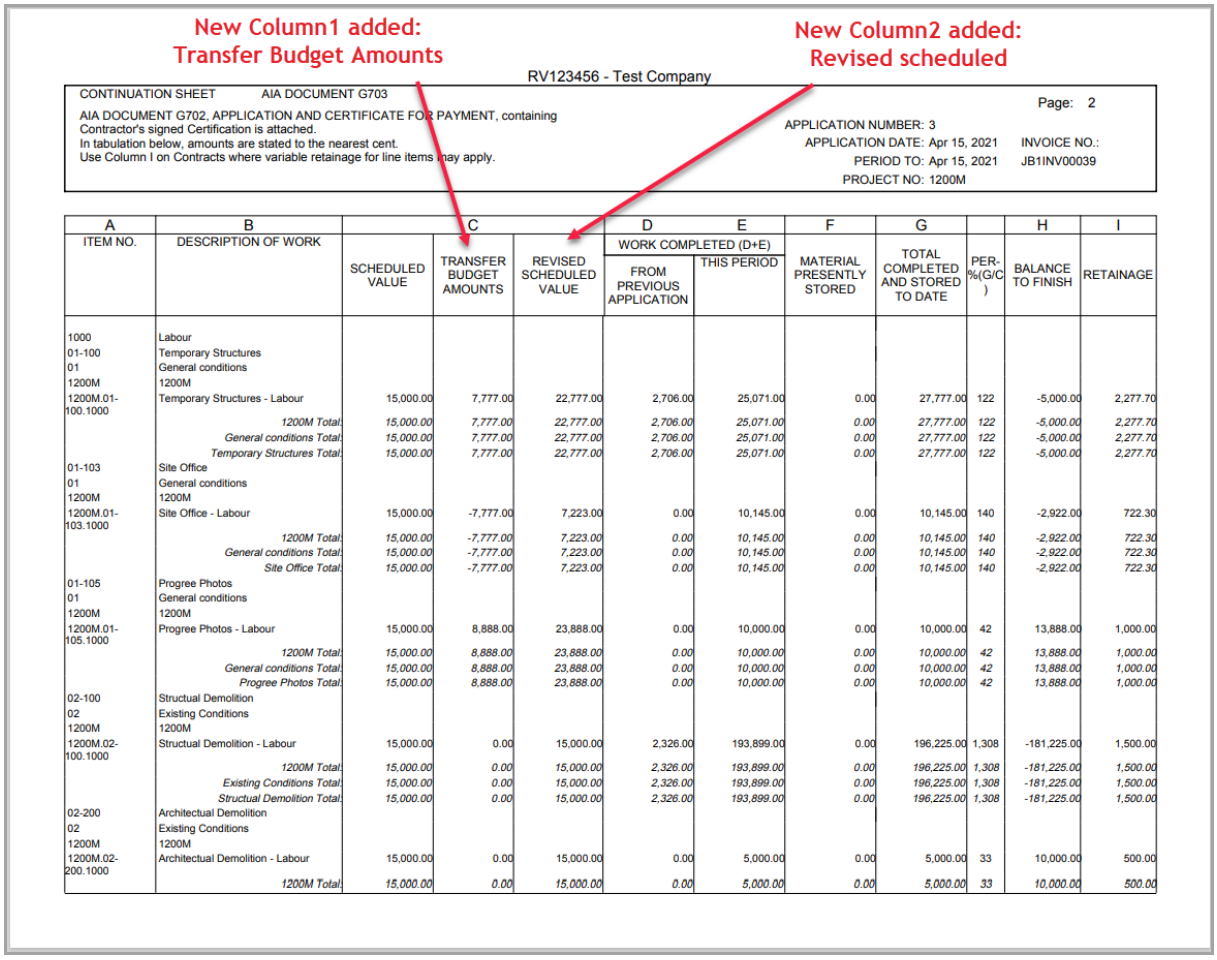
CONSTRUCTION MANAGER:

By: _____ Date: _____

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.



RV123456 - Test Company

CONTINUATION SHEET AIA DOCUMENT G703

Page: 2

AIA DOCUMENT G702, APPLICATION AND CERTIFICATE FOR PAYMENT, containing Contractor's signed Certification is attached.
In tabulation below, amounts are stated to the nearest cent.
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APPLICATION NUMBER: 3
APPLICATION DATE: Apr 15, 2021 INVOICE NO.:
PERIOD TO: Apr 15, 2021 JB1INV00039
PROJECT NO: 1200M

A	B	C			D	E	F	G		H	I
ITEM NO.	DESCRIPTION OF WORK	SCHEDULED VALUE	TRANSFER BUDGET AMOUNTS	REVISED 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
1000	Labour										
01-100	Temporary Structures										
01	General conditions										
1200M	1200M										
1200M.01-100.1000	Temporary Structures - Labour	15,000.00	7,777.00	22,777.00	2,706.00	25,071.00	0.00	27,777.00	122	-5,000.00	2,277.70
	1200M Total:	*15,000.00*	*7,777.00*	*22,777.00*	*2,706.00*	*25,071.00*	*0.00*	*27,777.00*	*122*	*-5,000.00*	*2,277.70*
	General conditions Total:	*15,000.00*	*7,777.00*	*22,777.00*	*2,706.00*	*25,071.00*	*0.00*	*27,777.00*	*122*	*-5,000.00*	*2,277.70*
	Temporary Structures Total:	*15,000.00*	*7,777.00*	*22,777.00*	*2,706.00*	*25,071.00*	*0.00*	*27,777.00*	*122*	*-5,000.00*	*2,277.70*
01-103	Site Office										
01	General conditions										
1200M	1200M										
1200M.01-103.1000	Site Office - Labour	15,000.00	-7,777.00	7,223.00	0.00	10,145.00	0.00	10,145.00	140	-2,922.00	722.30
	1200M Total:	*15,000.00*	*-7,777.00*	*7,223.00*	*0.00*	*10,145.00*	*0.00*	*10,145.00*	*140*	*-2,922.00*	*722.30*
	General conditions Total:	*15,000.00*	*-7,777.00*	*7,223.00*	*0.00*	*10,145.00*	*0.00*	*10,145.00*	*140*	*-2,922.00*	*722.30*
	Site Office Total:	*15,000.00*	*-7,777.00*	*7,223.00*	*0.00*	*10,145.00*	*0.00*	*10,145.00*	*140*	*-2,922.00*	*722.30*
01-105	Progree Photos										
01	General conditions										
1200M	1200M										
1200M.01-105.1000	Progree Photos - Labour	15,000.00	8,888.00	23,888.00	0.00	10,000.00	0.00	10,000.00	42	13,888.00	1,000.00
	1200M Total:	*15,000.00*	*8,888.00*	*23,888.00*	*0.00*	*10,000.00*	*0.00*	*10,000.00*	*42*	*13,888.00*	*1,000.00*
	General conditions Total:	*15,000.00*	*8,888.00*	*23,888.00*	*0.00*	*10,000.00*	*0.00*	*10,000.00*	*42*	*13,888.00*	*1,000.00*
	Progree Photos Total:	*15,000.00*	*8,888.00*	*23,888.00*	*0.00*	*10,000.00*	*0.00*	*10,000.00*	*42*	*13,888.00*	*1,000.00*
02-100	Structual Demolition										
02	Existing Conditions										
1200M	1200M										
1200M.02-100.1000	Structual Demolition - Labour	15,000.00	0.00	15,000.00	2,326.00	193,899.00	0.00	196,225.00	1,308	-181,225.00	1,500.00
	1200M Total:	*15,000.00*	*0.00*	*15,000.00*	*2,326.00*	*193,899.00*	*0.00*	*196,225.00*	*1,308*	*-181,225.00*	*1,500.00*
	Existing Conditions Total:	*15,000.00*	*0.00*	*15,000.00*	*2,326.00*	*193,899.00*	*0.00*	*196,225.00*	*1,308*	*-181,225.00*	*1,500.00*
	Structual Demolition Total:	*15,000.00*	*0.00*	*15,000.00*	*2,326.00*	*193,899.00*	*0.00*	*196,225.00*	*1,308*	*-181,225.00*	*1,500.00*
02-200	Architectual Demolition										
02	Existing Conditions										
1200M	1200M										
1200M.02-200.1000	Architectual Demolition - Labour	15,000.00	0.00	15,000.00	0.00	5,000.00	0.00	5,000.00	33	10,000.00	500.00
	1200M Total:	*15,000.00*	*0.00*	*15,000.00*	*0.00*	*5,000.00*	*0.00*	*5,000.00*	*33*	*10,000.00*	*500.00*

RV123456 - Test Company

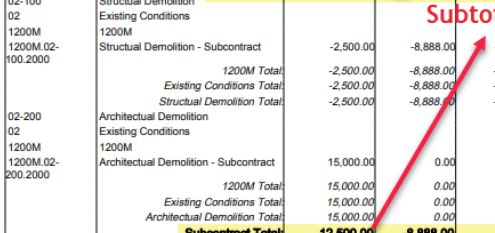
CONTINUATION SHEET AIA DOCUMENT G703

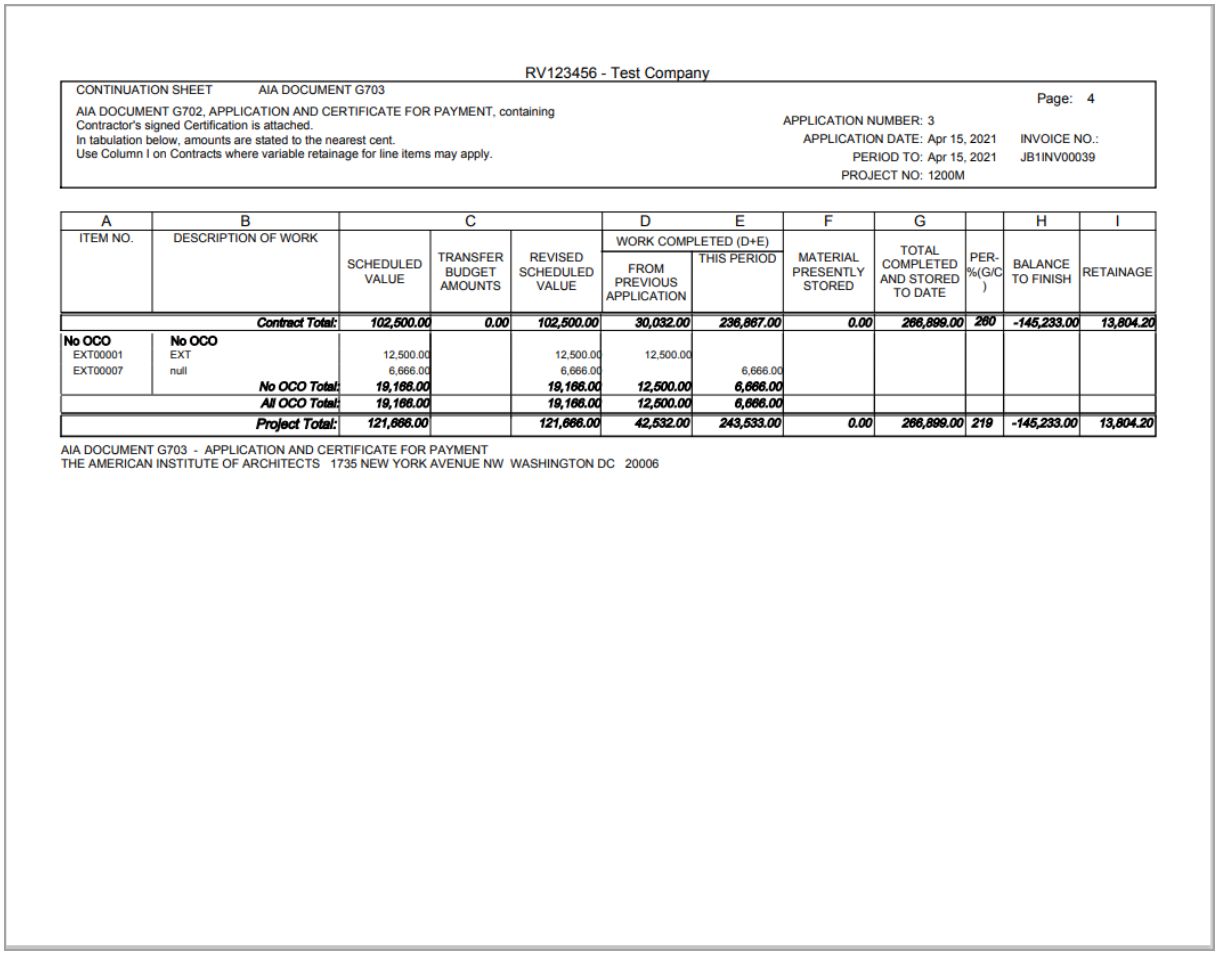
Page: 3

AIA DOCUMENT G702, APPLICATION AND CERTIFICATE FOR PAYMENT, containing Contractor's signed Certification is attached.
In tabulation below, amounts are stated to the nearest cent.
Use Column I on Contracts where variable retainage for line items may apply.

APPLICATION NUMBER: 3
APPLICATION DATE: Apr 15, 2021 INVOICE NO.:
PERIOD TO: Apr 15, 2021 JB1INV00039
PROJECT NO: 1200M

A	B	C			D	E	F	G		H	I
ITEM NO.	DESCRIPTION OF WORK	SCHEDULED VALUE	TRANSFER BUDGET AMOUNTS	REVISED 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
	Existing Conditions Total:	*15,000.00*	*0.00*	*15,000.00*	*0.00*	*5,000.00*	*0.00*	*5,000.00*	*33*	*10,000.00*	*500.00*
	Architectual Demolition Total:	*15,000.00*	*0.00*	*15,000.00*	*0.00*	*5,000.00*	*0.00*	*5,000.00*	*33*	*10,000.00*	*500.00*
03-100	Structural Concrete										
03	Structural Concrete										
1200M	1200M										
1200M.03-100.1000	Structural Concrete - Labour	15,000.00	0.00	15,000.00	0.00	1,640.00	0.00	1,640.00	8	20,026.00	164.00
	1200M Total:	*15,000.00*	*0.00*	*15,000.00*	*0.00*	*1,640.00*	*0.00*	*1,640.00*	*8*	*20,026.00*	*164.00*
	Structural Concrete Total:	*15,000.00*	*0.00*	*15,000.00*	*0.00*	*1,640.00*	*0.00*	*1,640.00*	*8*	*20,026.00*	*164.00*
	Structural Concrete Total:	*15,000.00*	*0.00*	*15,000.00*	*0.00*	*1,640.00*	*0.00*	*1,640.00*	*8*	*20,026.00*	*164.00*
	Labour Total:	**90,000.00**	**8,888.00**	**98,888.00**	**5,032.00**	**245,755.00**	**0.00**	**250,787.00**	**238**	**-145,233.00**	**6,164.00**
2000	Subcontract										
02-100	Structual Demolition										
02	Existing Conditions										
1200M	1200M										
1200M.02-100.2000	Structual Demolition - Subcontract	-2,500.00	-8,888.00	-11,388.00	25,000.00	-8,888.00	0.00	16,112.00	1,449	-15,000.00	7,640.20
	1200M Total:	*-2,500.00*	*-8,888.00*	*-11,388.00*	*25,000.00*	*-8,888.00*	*0.00*	*16,112.00*	*1,449*	*-15,000.00*	*7,640.20*
	Existing Conditions Total:	*-2,500.00*	*-8,888.00*	*-11,388.00*	*25,000.00*	*-8,888.00*	*0.00*	*16,112.00*	*1,449*	*-15,000.00*	*7,640.20*
	Structual Demolition Total:	*-2,500.00*	*-8,888.00*	*-11,388.00*	*25,000.00*	*-8,888.00*	*0.00*	*16,112.00*	*1,449*	*-15,000.00*	*7,640.20*
02-200	Architectual Demolition										
02	Existing Conditions										
1200M	1200M										
1200M.02-200.2000	Architectual Demolition - Subcontract	15,000.00	0.00	15,000.00	0.00	0.00	0.00	0.00	0	15,000.00	0.00
	1200M Total:	*15,000.00*	*0.00*	*15,000.00*	*0.00*	*0.00*	*0.00*	*0.00*	*0*	*15,000.00*	*0.00*
	Existing Conditions Total:	*15,000.00*	*0.00*	*15,000.00*	*0.00*	*0.00*	*0.00*	*0.00*	*0*	*15,000.00*	*0.00*
	Architectual Demolition Total:	*15,000.00*	*0.00*	*15,000.00*	*0.00*	*0.00*	*0.00*	*0.00*	*0*	*15,000.00*	*0.00*
	Subcontract Total:	**12,500.00**	**-8,888.00**	**3,612.00**	**25,000.00**	**-8,888.00**	**0.00**	**16,112.00**	**100**	**0.00**	**7,640.20**
PENDING_PCI	Pending PCI	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100	0.00	0.00
	Total:	*0.00*	*0.00*	*0.00*	*0.00*	*0.00*	*0.00*	*0.00*	*0*	*0.00*	*0.00*
	Total:	*0.00*	*0.00*	*0.00*	*0.00*	*0.00*	*0.00*	*0.00*	*0*	*0.00*	*0.00*
	Total:	*0.00*	*0.00*	*0.00*	*0.00*	*0.00*	*0.00*	*0.00*	*0*	*0.00*	*0.00*
	Total:	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0**	**0.00**	**0.00**
	Total:	**102,500.00**	**0.00**	**102,500.00**	**30,032.00**	**236,867.00**	**0.00**	**266,899.00**	**219**	**-145,233.00**	**13,804.20**





RV123456 - Test 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 cent.
Use Column I on Contracts where variable retainage for line items may apply.

APPLICATION NUMBER: 3
APPLICATION DATE: Apr 15, 2021 INVOICE NO.:
PERIOD TO: Apr 15, 2021 JB1INV00039
PROJECT NO: 1200M

A	B	C			D	E	F	G		H	I
ITEM NO.	DESCRIPTION OF WORK	SCHEDULED VALUE	TRANSFER BUDGET AMOUNTS	REVISED 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
	Contract Total:	***102,500.00***	***0.00***	***102,500.00***	***30,032.00***	***236,867.00***	***0.00***	***266,899.00***	***260***	***-145,233.00***	***13,804.20***
No OCO	**No OCO**										
EXT00001	EXT	12,500.00		12,500.00	12,500.00						
EXT00007	null	6,666.00		6,666.00		6,666.00					
	No OCO Total:	***19,166.00***		***19,166.00***	***12,500.00***	***6,666.00***					
	All OCO Total:	***19,166.00***		***19,166.00***	***12,500.00***	***6,666.00***					
	Project Total:	***121,666.00***		***121,666.00***	***42,532.00***	***243,533.00***	***0.00***	***266,899.00***	***219***	***-145,233.00***	***13,804.20***

AIA DOCUMENT G703 - APPLICATION AND CERTIFICATE FOR PAYMENT
THE AMERICAN INSTITUTE OF ARCHITECTS 1735 NEW YORK AVENUE NW WASHINGTON DC 20006

Modification to Invoice Format JBPB_U10 (20.33992)

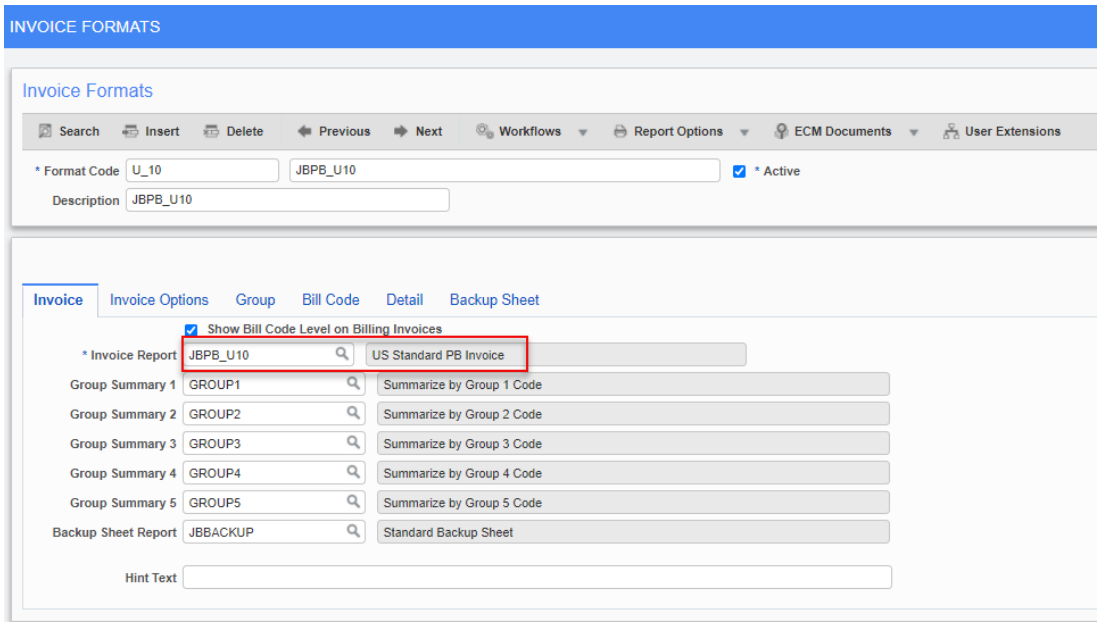
Overview:

Changed the Application and Certification for Payment.

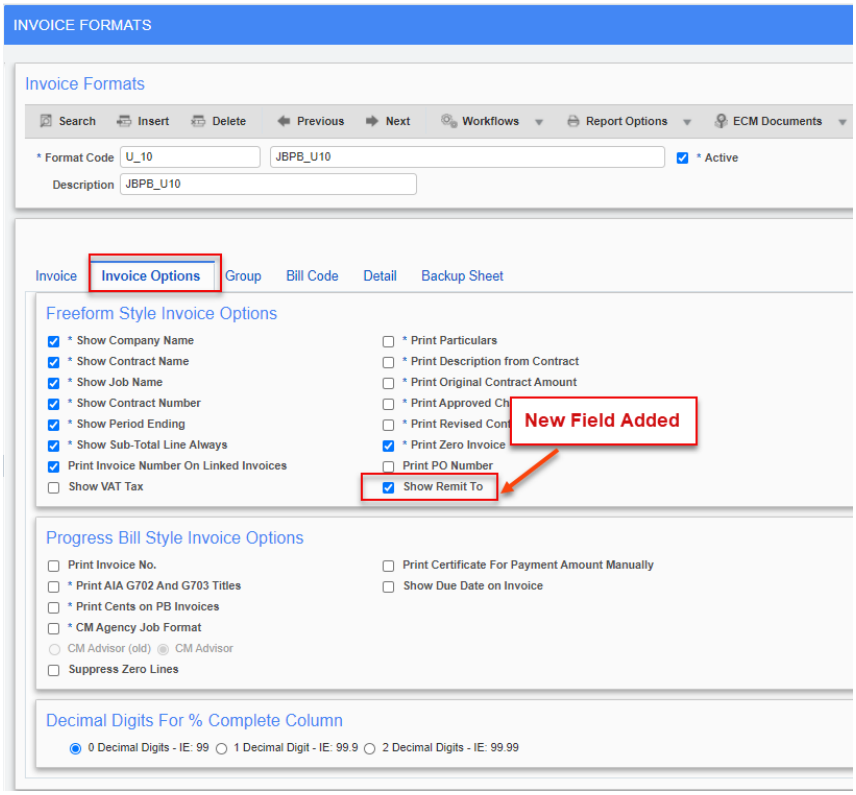
Modifications:

Added a new field (checkbox) ‘Show Remit To’ to the invoice format program to either display the word Architect (Default) or ‘Remit to’ when checked for the standard formats.

Setting and printing the JBPB_U10 Report:

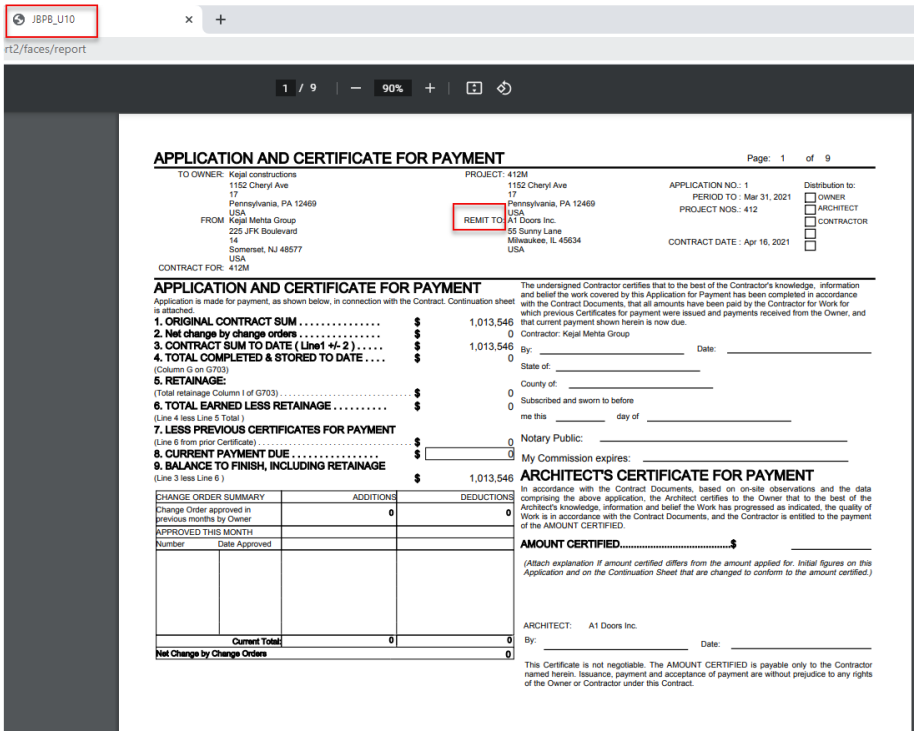


Job Billing> Setup>Local Tables > Invoice Formats



Job Billing> Setup>Local Tables > Invoice Formats

The Application and Certificate for Payment report is modified to show the “Remit to” field.



Ability to Mass Update values to ‘NULL’ (21.37725)

Overview:

Added a ‘Blank’ checkbox to use during Mass update.

Modifications:

Users may now specify ‘Blank’ as a value to use during Mass Update. This can be done by checking a checkbox. Using ‘Blank’ has the effect of erasing values for a field.

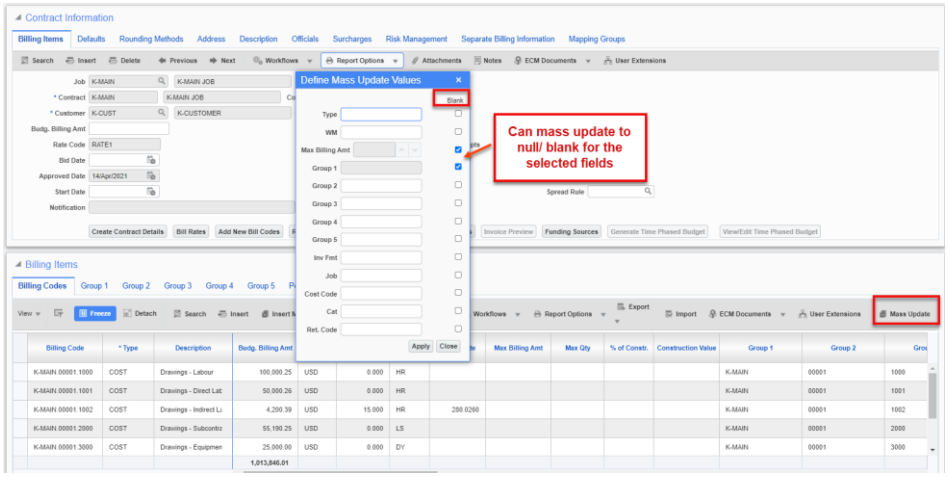
Although the ‘Blank’ checkbox is provided for many fields, only the following fields can be mass updated to ‘NULL’:

- Max Billing Amt
- Group 1
- Group 2
- Group 3
- Group 4
- Group 5

The following mandatory fields cannot be updated to ‘NULL’:

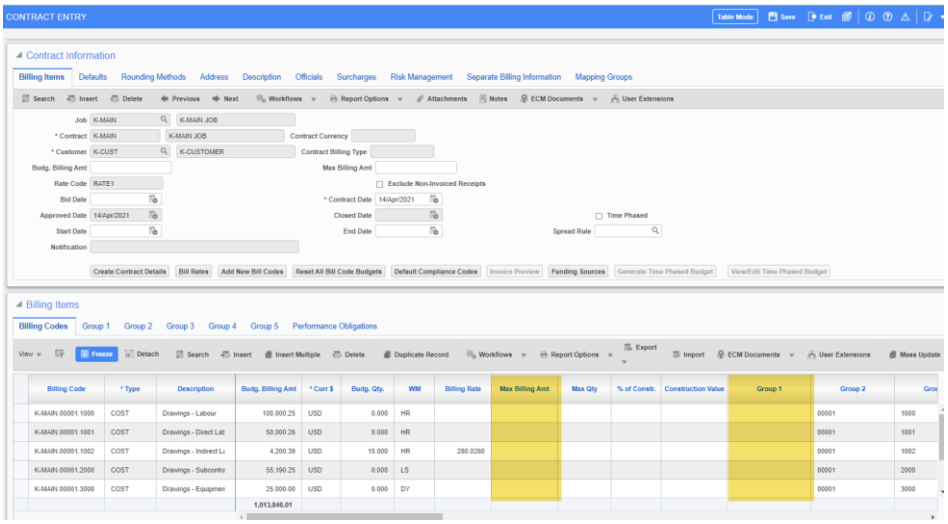
- Type
- Weight Measure code
- Invoice format
- Job

- Cost Code
- Category
- Retainage Code

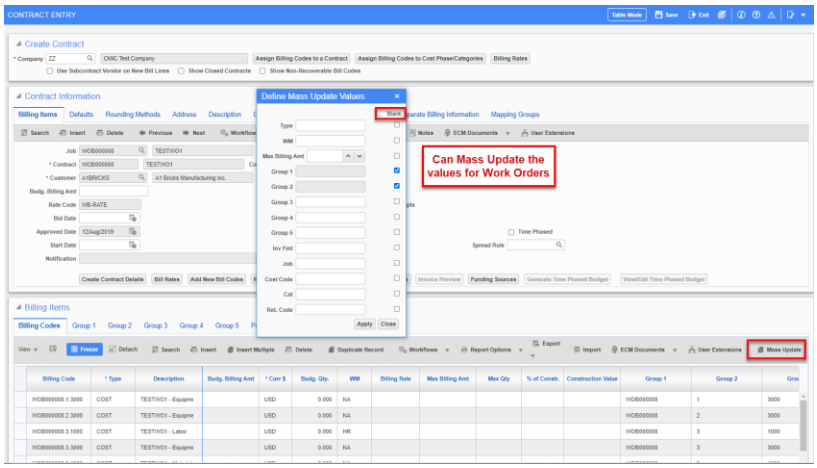


JB>Contract>Enter Contract

Click on Apply. The selected fields are mass updated to null/ blank.

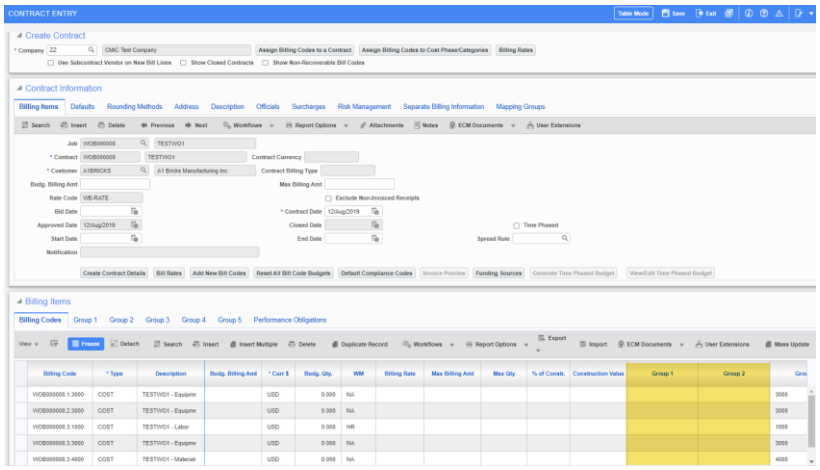


The same functionality holds true for WO contracts.



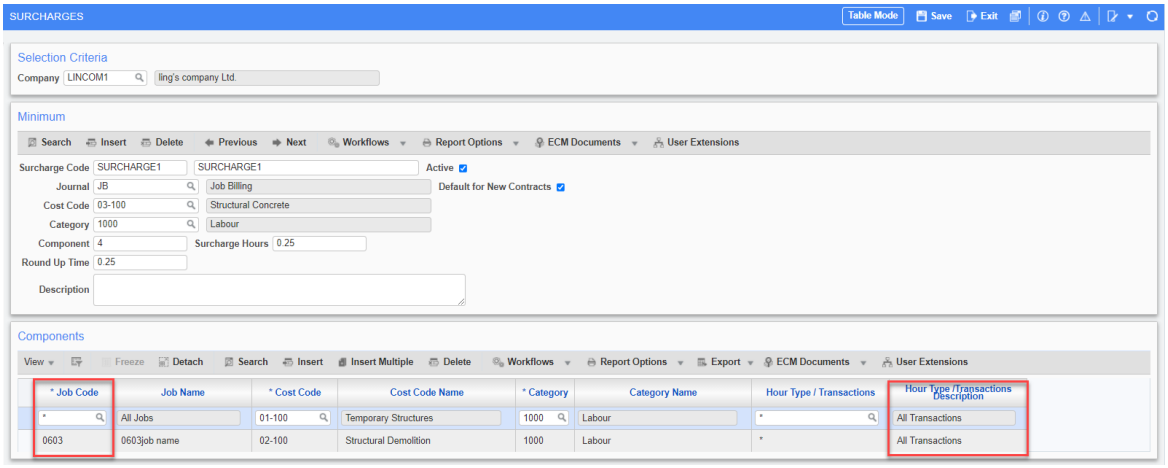
JB>Contract>Enter Contract

Click on Apply. The selected fields are mass updated to null/ blank.



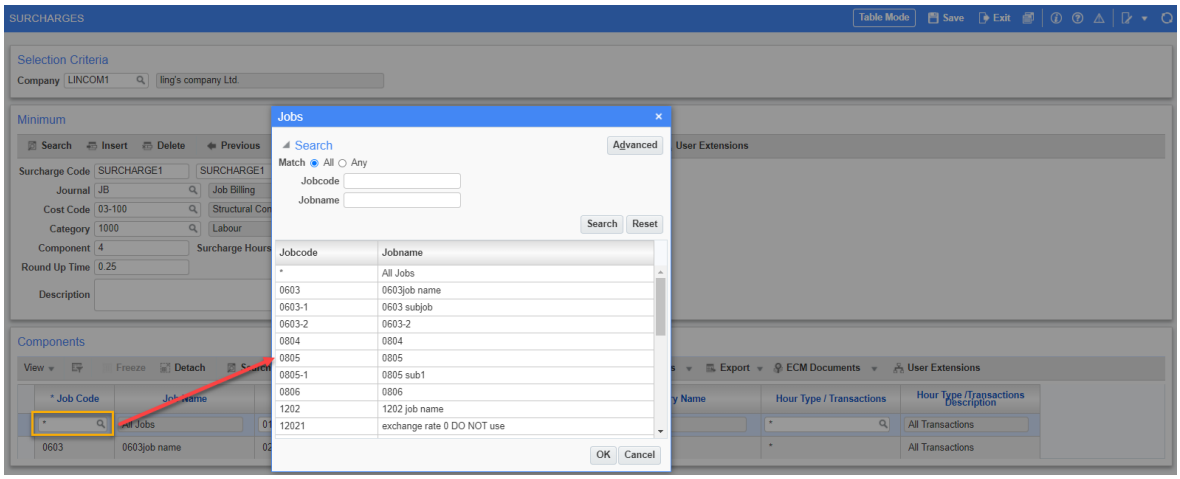
Modify Surcharge program to include “Job” field and “Hour Type” field. (20.18406)

Modify the existing Surcharge program to include “Job” field and “Hour Type” field. This will allow users to calculate add-ons/surcharges for specific jobs and hour types and then specify which bill code the add-on/surcharge will be applied to.



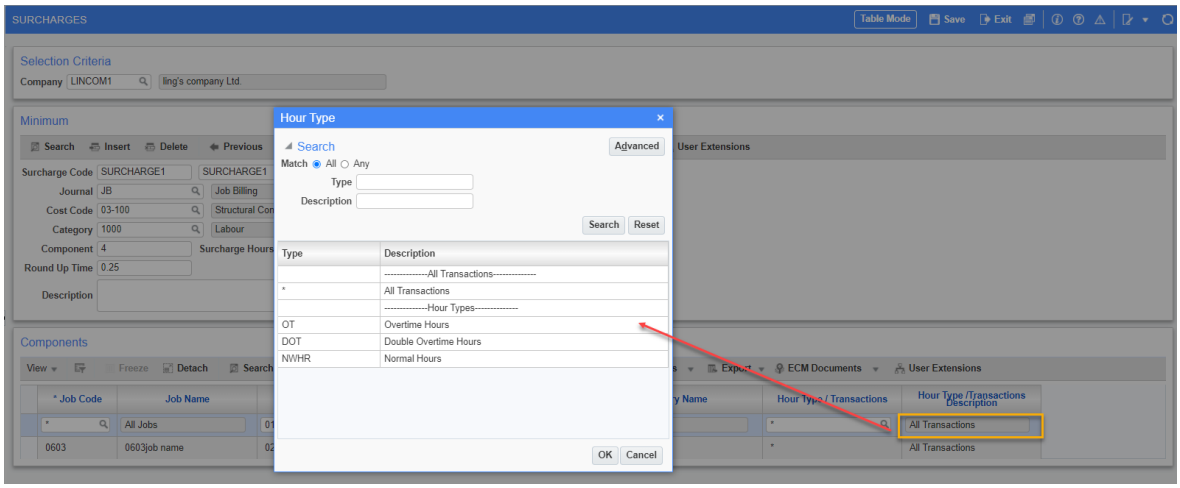
1. Job field

   The Job LOVs show all jobs for the company, including '*' for all jobs.



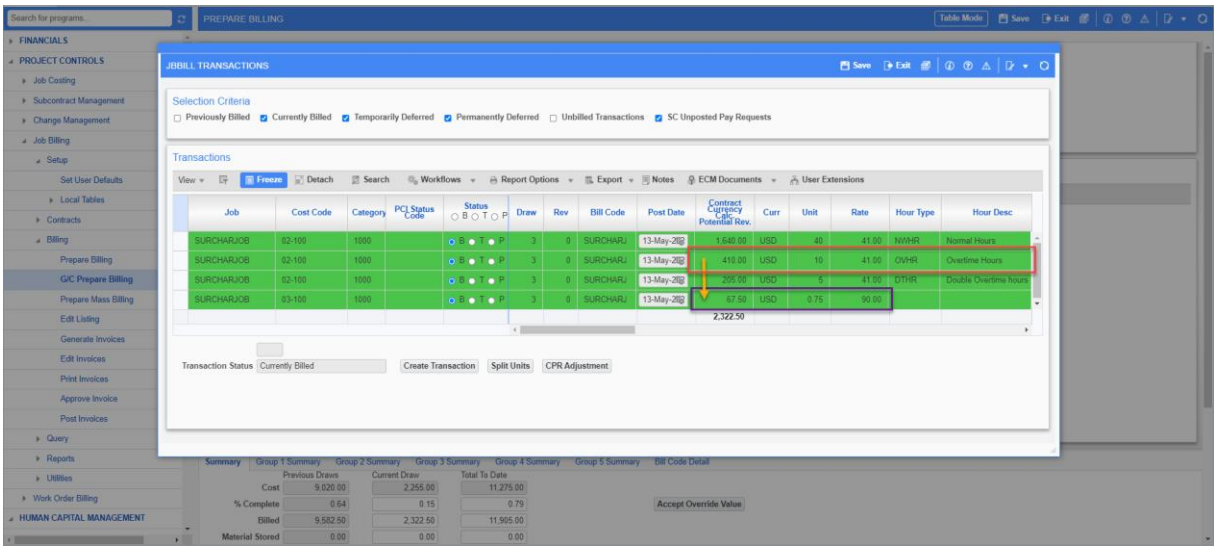
2. Hour Type field:

   The Hour Type LOVs show hour types for the company, including '*' for all hour types.

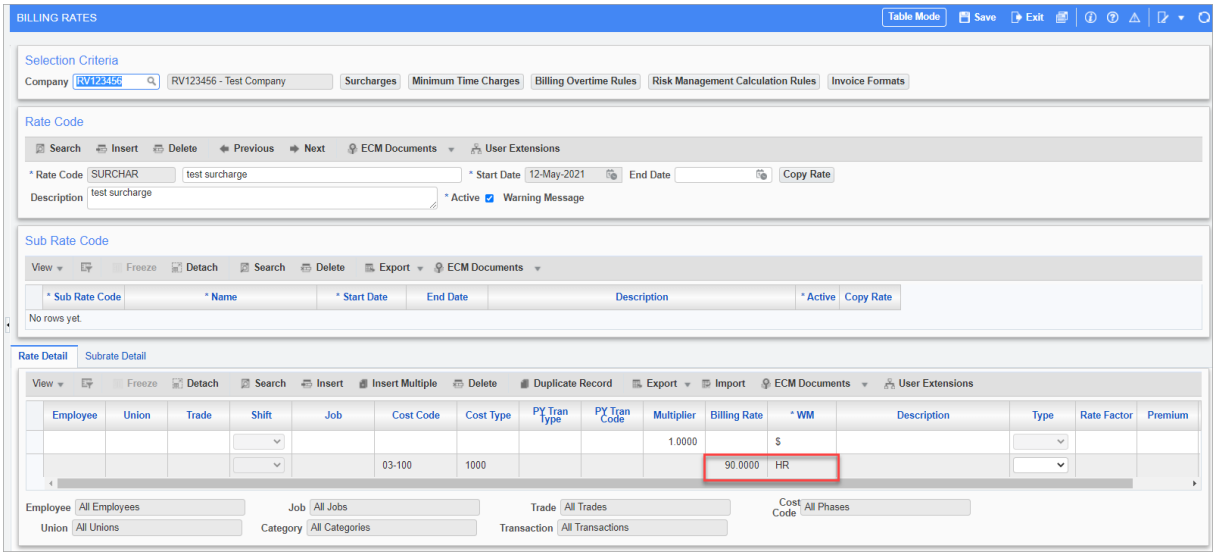


Job, phase, and category are required fields. For hour type, a null value will be considered as ‘All hour types’ while calculating surcharge.

Modified the surcharge calculation to consider the new fields.

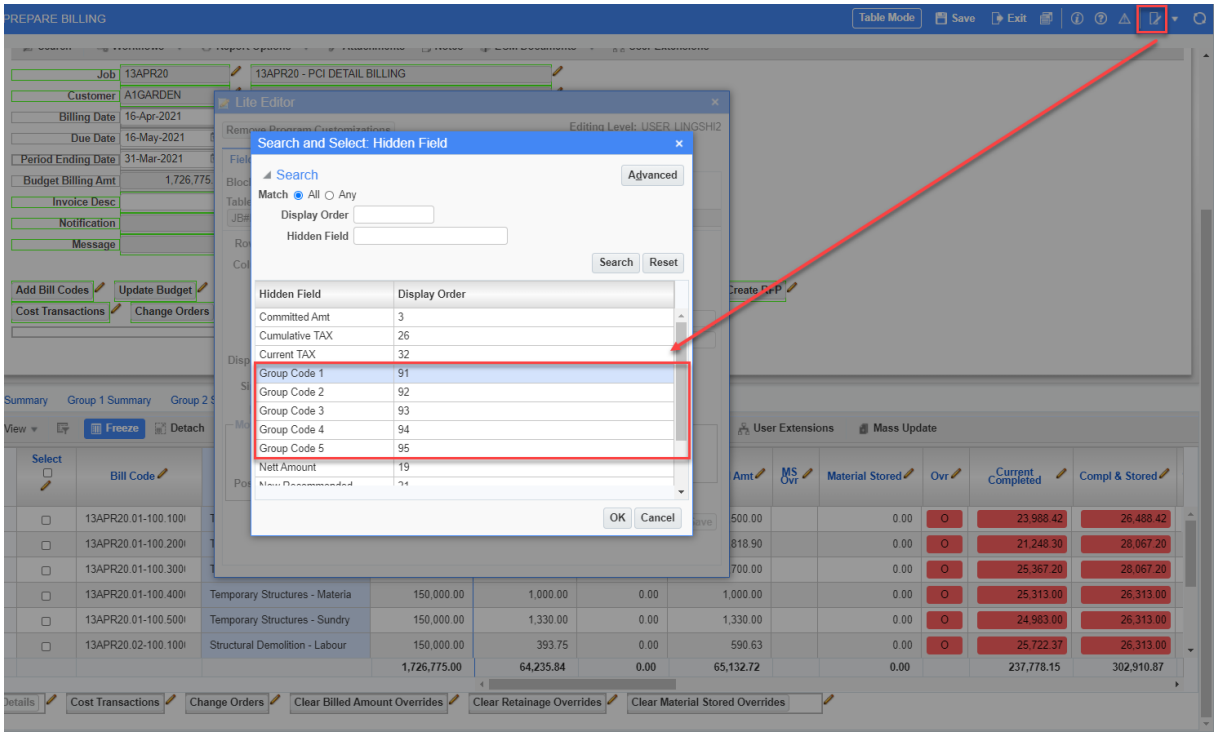


NOTE: Surcharges use the billing rate column of the Billing Rate table only. WM of the surcharge billing rate must be HR.

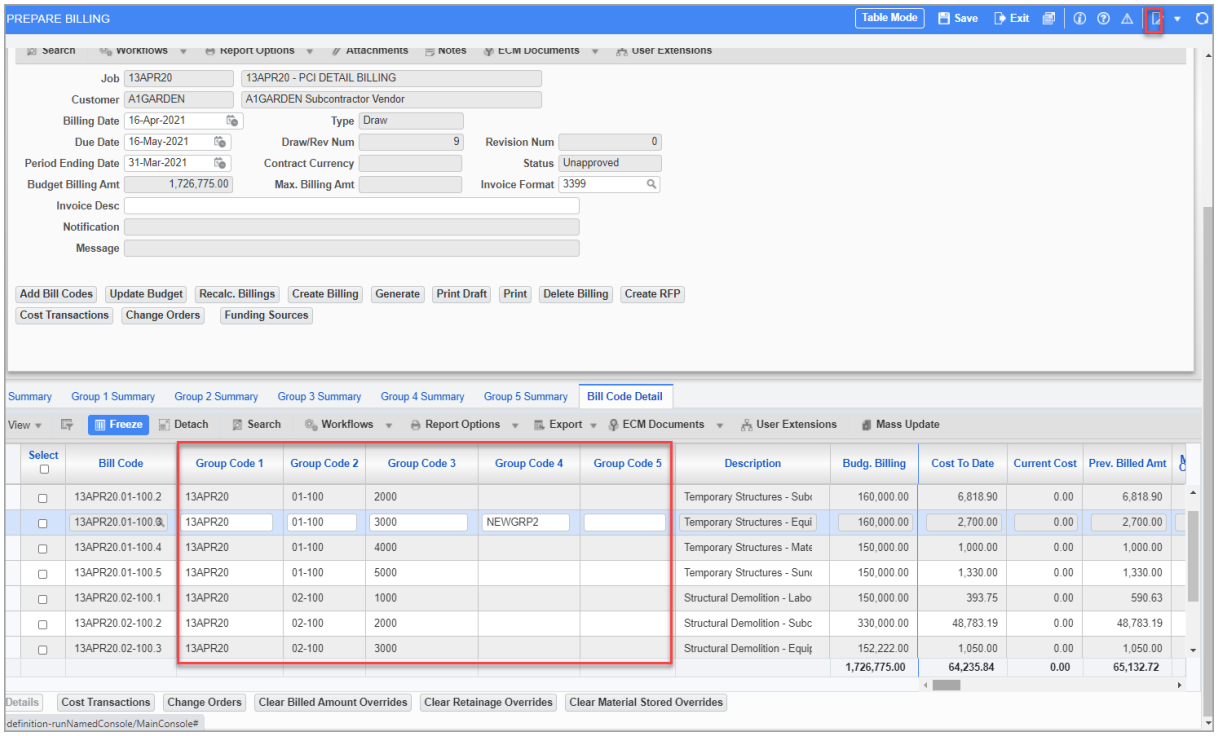


Add the Group codes 1 to 5 to the Detail tab in G/C Prepare Billing screen (20.33779)

Modify the G/C Prepare Billing (JBBILL2) screen to add the Group Codes 1 to 5 to the CMiC catalog. The fields will be available to be added manually by the user to the screen via Lite Editor. Columns are hidden by default.



Fields will be available to be added to the Bill Code Details tab.



Modified the Report - JBPB_C11 to Add Two Fields ‘NEQ’ and ‘RBQ’ (21.40962)

Modified the Report - JBPB_C11 to add two fields ‘NEQ’ and ‘RBQ’

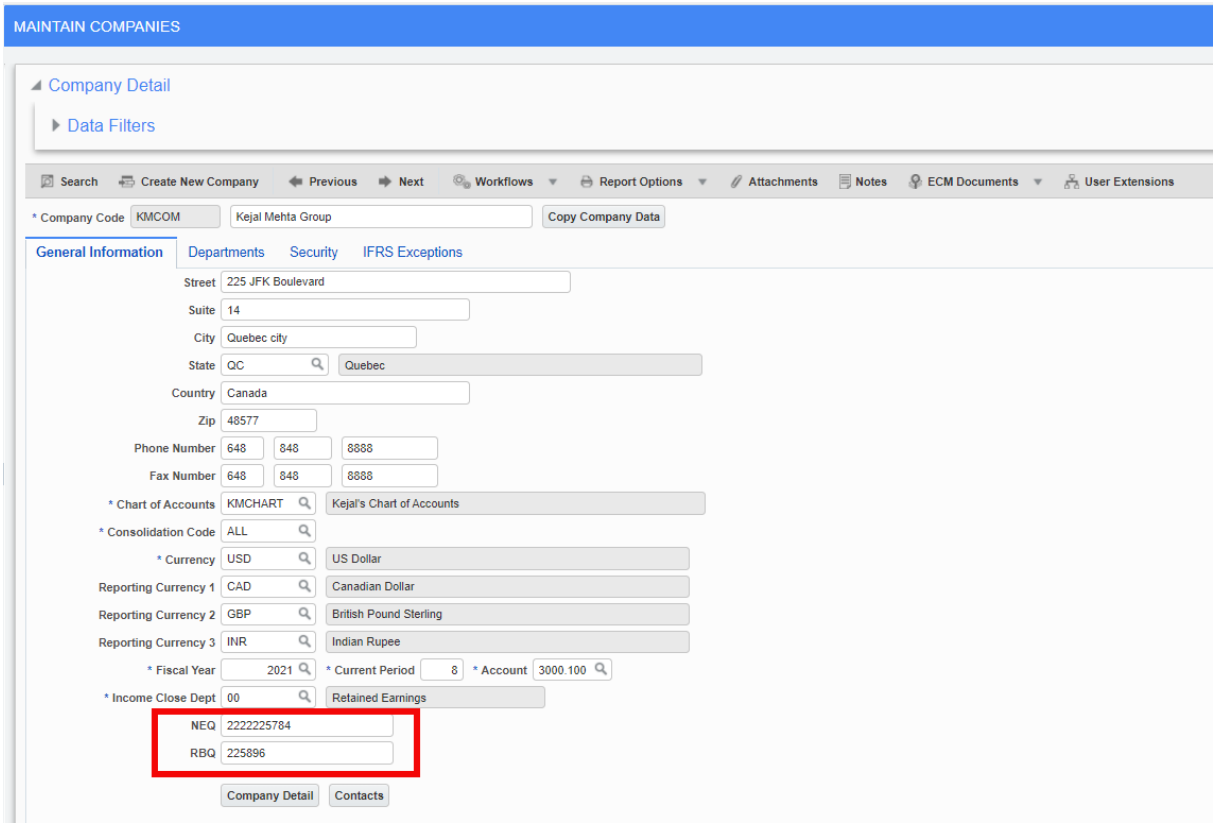
Modifications:

A new view will be used in BI with the following columns:
- Two new free form text fields ("NEQ","RBQ") is added to GL Company setup. By default, its hidden, user will have to make these fields visible through light editor.
- Added the new codes to the invoice format program to display/hide on the Report.
- Modified the Report to add the two new fields accordingly.

These fields are used when the business in operating in Quebec.

Setup and Printing reports:

Two new text fields added to the GL Company Setup.

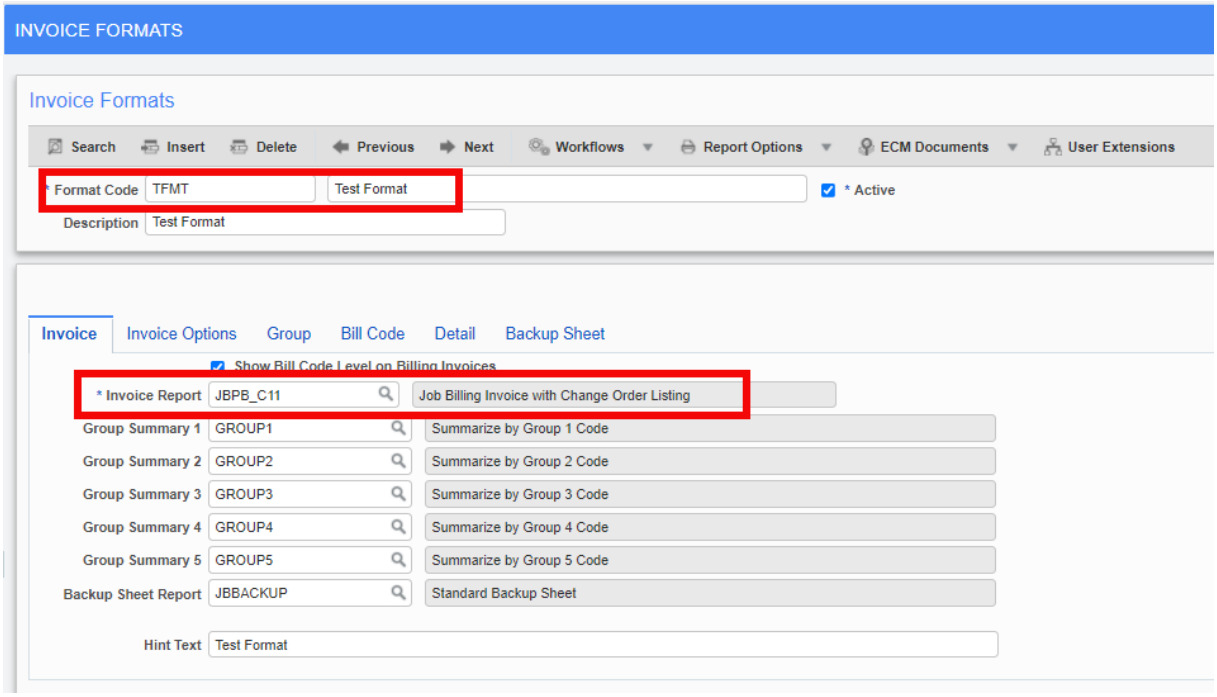


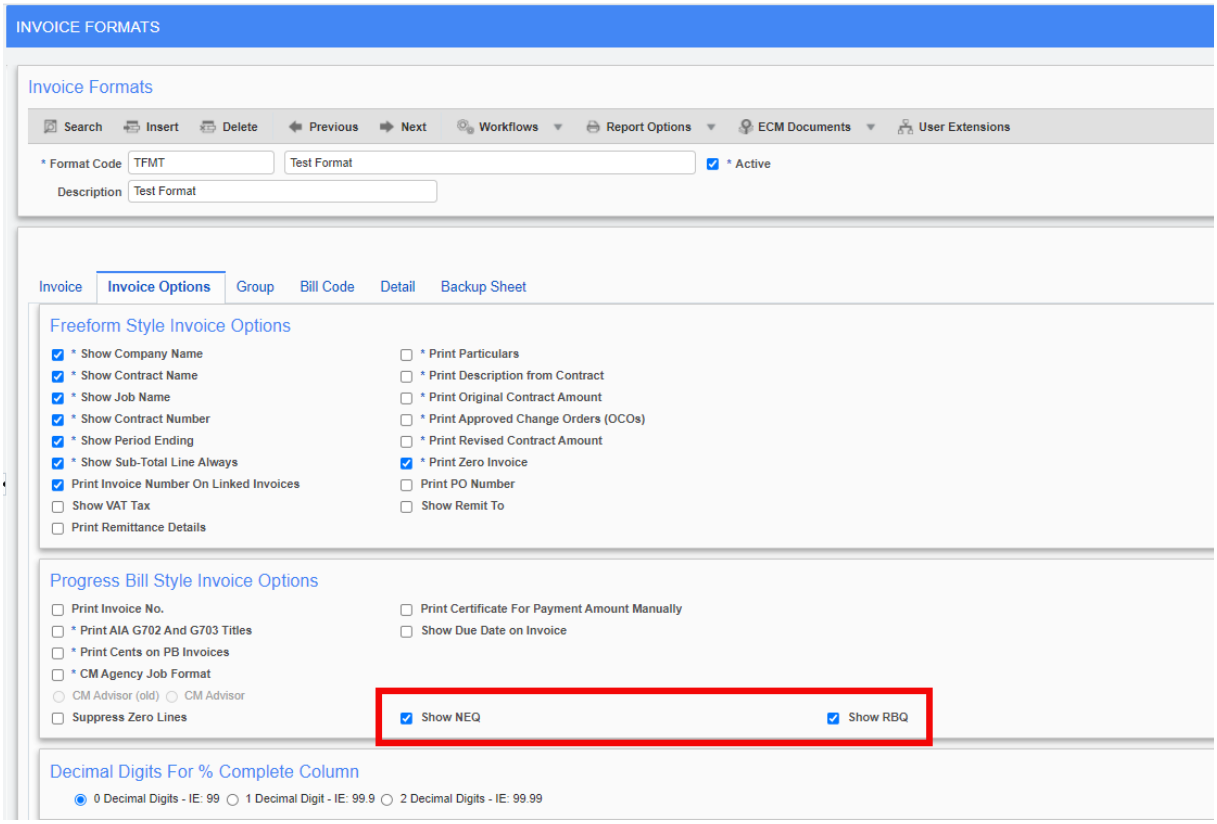
GL>Setup>Maintain Companies

Added flags `Show NEQ’ and `Show RBQ’ in the Invoice Options tab, on Progress Billing Style Invoice Options section on ADF program Invoice Formats.

-These flags will not be visible by default. User would be able to make them visible using Lite Editor

- By default, the flags will be assigned `N’.

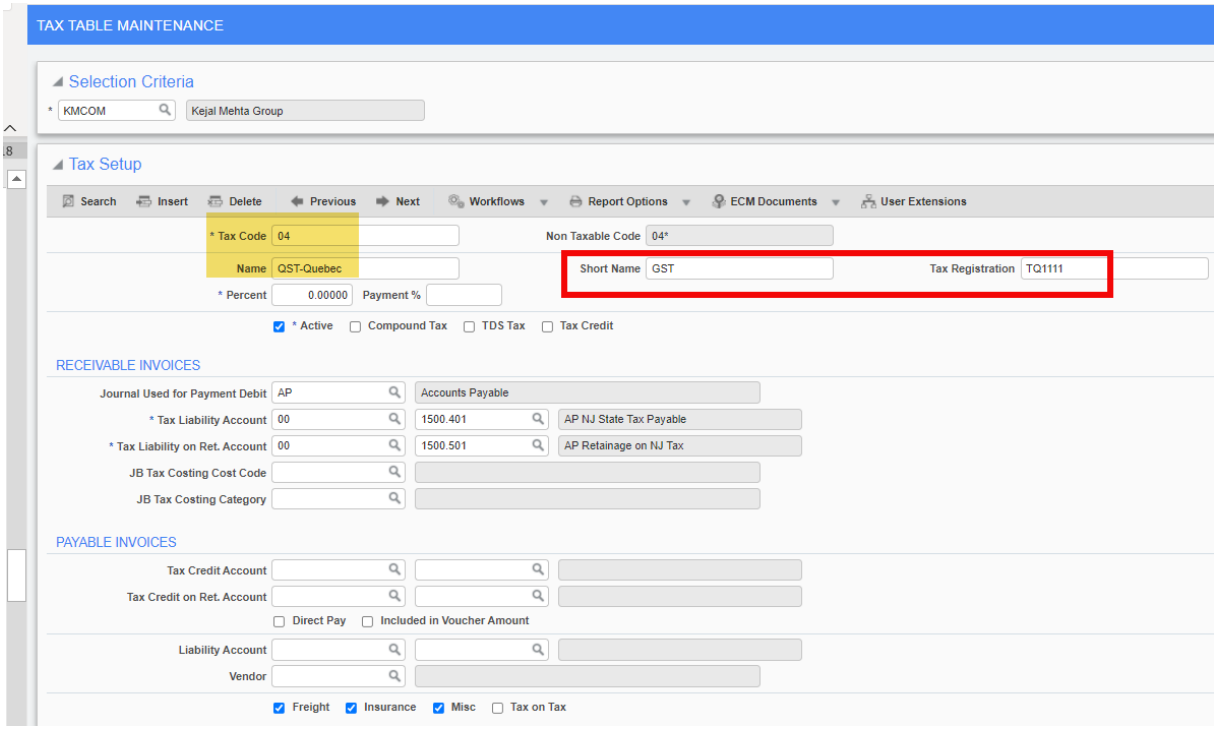




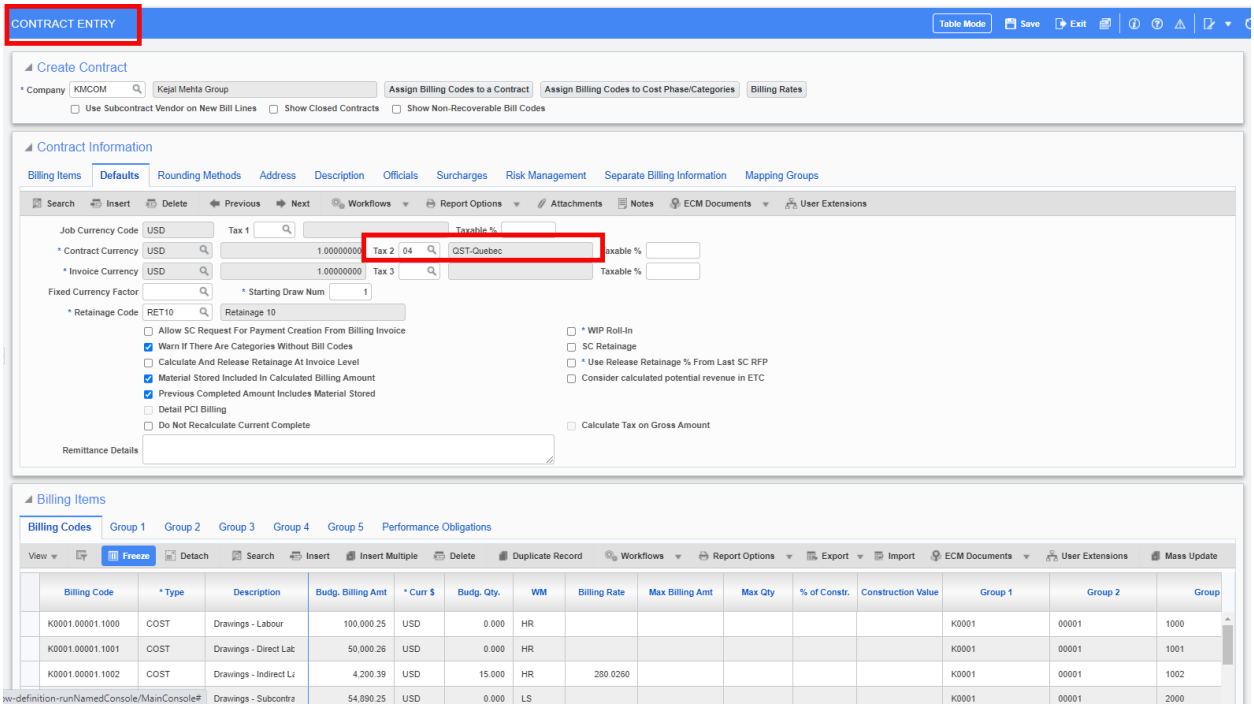
JB>Setup>Local Tables>Invoice Formats

QST is the tax code that should added on the contract and bill code level.

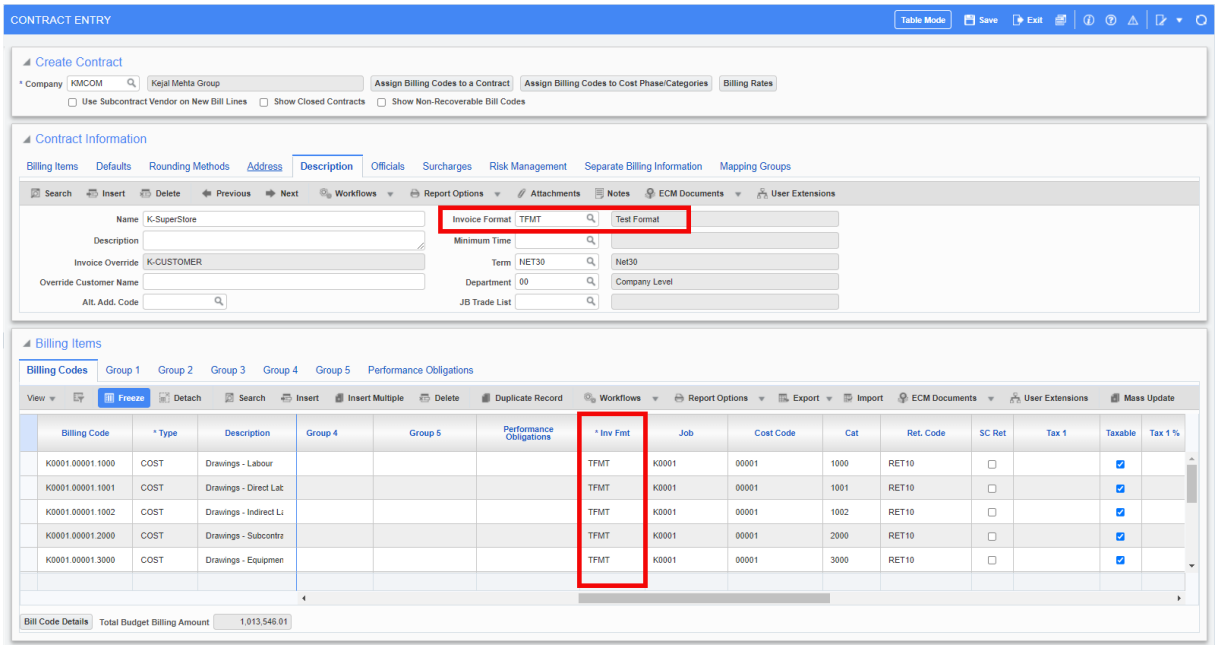
The short name and tax registration number of the tax 2 identified in the contract screen can be found under the corresponding company in Enterprise > System > Global Table > Tax code.



Enterprise > System > Global Table > Tax code



JB Contract>Enter Contract



Print the JBPB_C11 report

INVOICE

Page: 1 of 10

To: K-CUSTOMER
12 Brickstone Mews
45
New York, NY 14528
USA

Attn: K-CUSTOMER
Contract For: K-SuperStore
PO No.:

Project: K-SuperStore

Payment To: Kejal Mehta Group
Attn:
225 JFK Boulevard, 14
Somerset, NJ
48577 USA
Phone/Fax: 648- (848) 8888

Draw No.: 2
Rev No.: 0

Period Ending: Jun 30, 2021
Job No.: K0001
Contract Date: Apr 12, 2021

GST No.: TQ1111
RBQ No.: 225896
NEQ No.: 2222225784

Invoice is made for payment, as shown below, in connection with the contract. Continuation sheet is attached.

1. ORIGINAL CONTRACT AMOUNT	$	1,013,546
2. AUTHORIZED CHANGES TO DATE	$	0
3. CURRENT CONTRACT AMOUNT	$	1,013,546
4. TOTAL PROGRESS TO DATE	$	33,131
5. HOLDBACK	$	2,332
6. HOLDBACK RELEASE	$	0
7. CURRENT HOLDBACK	$	2,332
8. TOTAL PROGRESS LESS CURRENT HOLDBACK (Line 4 - 7)	$	30,799
9. LESS PREVIOUS INVOICE (Line 8 from prior Invoice)	$	-10,388
10. PAYMENT DUE THIS INVOICE	$	41,187
11. BALANCE UNPAID (Line 3 - 8)	$	982,747
13. TOTAL AMOUNT PAYABLE THIS INVOICE (Line 10 + 12)	$	41,187

New JB Billing Format-JBPB_U10CR (21.40891)

Created a new JB Billing format (JBPB_U10CR) Invoice with currency.

Modifications:

Created a new Job Billing invoice JBPB_U10CR as follows:

1- Page 1 will be Tax Invoice as specified from Billing Contract and AR. Both the contract currency name and symbol will be shown on the Report.

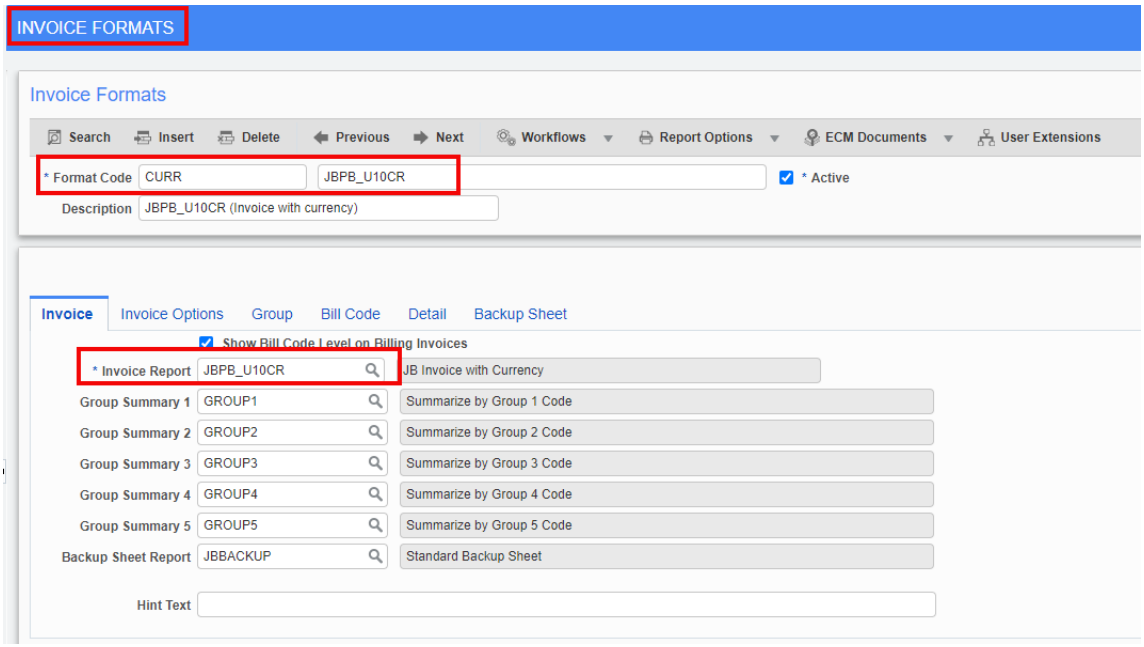
2- Page 2 will be G703 with total amount of change orders and currency symbol displayed along with the amounts.

3- Section 3 (CONTINUATION SHEET) displays the details section like JBPB_U10 existing invoice

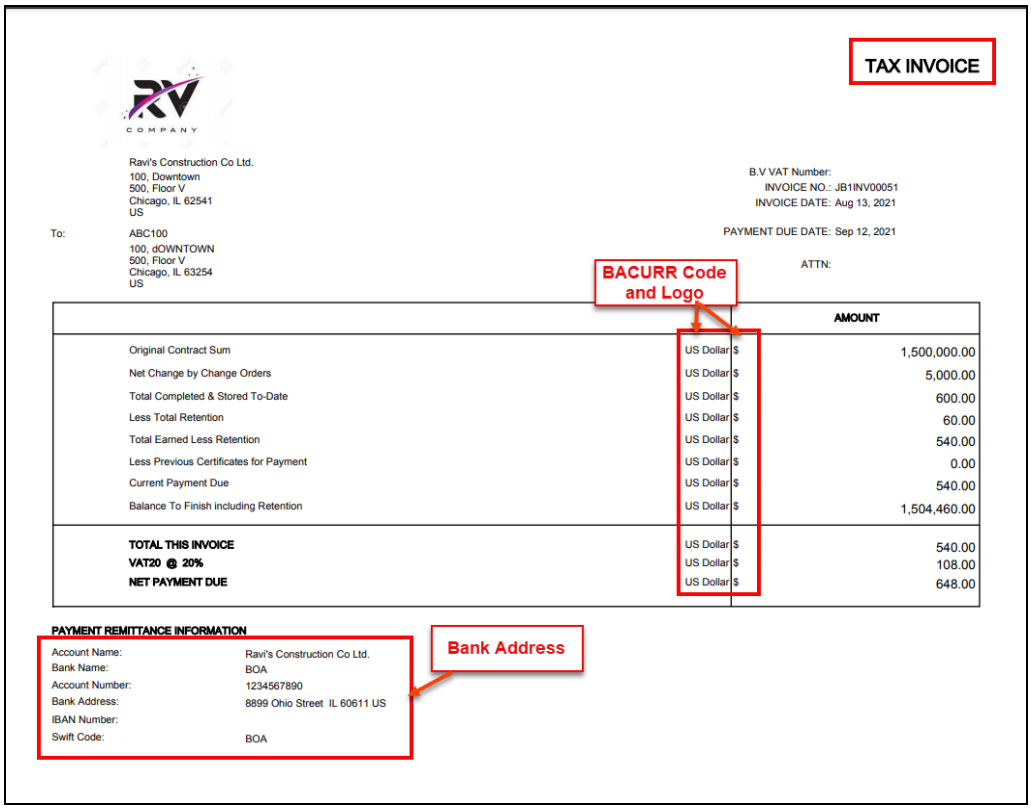
4- Section 4 Change Orders, displays the change orders details from Detail PCI Billing grouped by owner change orders.

Setup and Invoice Printing:

Created a new JB Bill invoice format CURR (JBPB_U10CR).



JBPB_U10CR report printed as follows:



TAX INVOICE

Ravi's Construction Co Ltd.
100, Downtown
500, Floor V
Chicago, IL 62541
US

B.V VAT Number:
INVOICE NO.: JB1INV00051
INVOICE DATE: Aug 13, 2021

To: ABC100
100, dOWNTOWN
500, Floor V
Chicago, IL 63254
US

PAYMENT DUE DATE: Sep 12, 2021

ATTN:

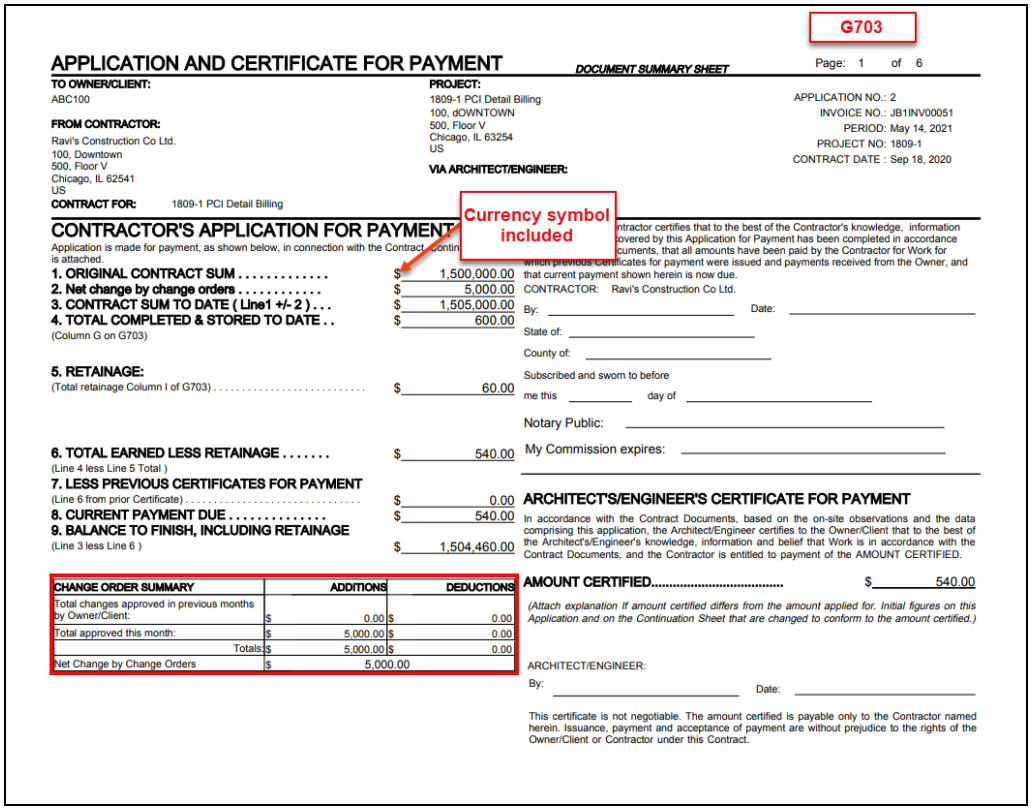
BACURR Code and Logo

		AMOUNT
Original Contract Sum	US Dollar $	1,500,000.00
Net Change by Change Orders	US Dollar $	5,000.00
Total Completed & Stored To-Date	US Dollar $	600.00
Less Total Retention	US Dollar $	60.00
Total Earned Less Retention	US Dollar $	540.00
Less Previous Certificates for Payment	US Dollar $	0.00
Current Payment Due	US Dollar $	540.00
Balance To Finish including Retention	US Dollar $	1,504,460.00
TOTAL THIS INVOICE	US Dollar $	540.00
VAT20 @ 20%	US Dollar $	108.00
NET PAYMENT DUE	US Dollar $	648.00

PAYMENT REMITTANCE INFORMATION

Bank Address

Account Name:	Ravi's Construction Co Ltd.
Bank Name:	BOA
Account Number:	1234567890
Bank Address:	8899 Ohio Street IL 60611 US
IBAN Number:	
Swift Code:	BOA



G703

APPLICATION AND CERTIFICATE FOR PAYMENT

DOCUMENT SUMMARY SHEET

Page: 1 of 6

TO OWNER/CLIENT:
ABC100

FROM CONTRACTOR:
Ravi's Construction Co Ltd.
100, Downtown
500, Floor V
Chicago, IL 62541
US

CONTRACT FOR: 1809-1 PCI Detail Billing

PROJECT:
1809-1 PCI Detail Billing
100, dOWNTOWN
500, Floor V
Chicago, IL 63254
US

VIA ARCHITECT/ENGINEER:

APPLICATION NO.: 2
INVOICE NO.: JB1INV00051
PERIOD: May 14, 2021
PROJECT NO: 1809-1
CONTRACT DATE : Sep 18, 2020

Currency symbol included

CONTRACTOR'S APPLICATION FOR PAYMENT

Application is made for payment, as shown below, in connection with the Contract. Contin
is attached.

1. ORIGINAL CONTRACT SUM	$	1,500,000.00
2. Net change by change orders	$	5,000.00
3. CONTRACT SUM TO DATE (Line1 +/- 2) . . .	$	1,505,000.00
4. TOTAL COMPLETED & STORED TO DATE . . (Column G on G703)	$	600.00
5. RETAINAGE: (Total retainage Column I of G703)	$	60.00
6. TOTAL EARNED LESS RETAINAGE . . . . . . (Line 4 less Line 5 Total)	$	540.00
7. LESS PREVIOUS CERTIFICATES FOR PAYMENT (Line 6 from prior Certificate)	$	0.00
8. CURRENT PAYMENT DUE	$	540.00
9. BALANCE TO FINISH, INCLUDING RETAINAGE (Line 3 less Line 6)	$	1,504,460.00

CHANGE ORDER SUMMARY	ADDITIONS	DEDUCTIONS
Total changes approved in previous months by Owner/Client:	$ 0.00	$ 0.00
Total approved this month:	$ 5,000.00	$ 0.00
Totals	$ 5,000.00	$ 0.00
Net Change by Change Orders	$ 5,000.00	

ntractor certifies that to the best of the Contractor's knowledge, information
covered by this Application for Payment has been completed in accordance
cuments, 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: Ravi's Construction Co Ltd.

By: _____ Date: _____

State of: _____

County of: _____

Subscribed and sworn to before
me this _____ day of _____

Notary Public: _____

My Commission expires: _____

ARCHITECT'S/ENGINEER'S CERTIFICATE FOR PAYMENT

In accordance with the Contract Documents, based on the on-site observations and the data comprising this application, the Architect/Engineer certifies to the Owner/Client that to the best of the Architect's/Engineer's knowledge, information and belief that Work is in accordance with the Contract Documents, and the Contractor is entitled to payment of the AMOUNT CERTIFIED.

AMOUNT CERTIFIED..... $ 540.00

(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/ENGINEER:

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 the rights of the Owner/Client or Contractor under this Contract.

G703

CONTINUATION SHEET DOCUMENT DETAIL SHEET

Page: 3

Document SUMMARY SHEET, APPLICATION AND CERTIFICATE FOR PAYMENT, containing
Contractor's signed Certification is attached.
Use Column I on Contracts where variable retainage for line items apply.

APPLICATION NUMBER: 2
APPLICATION DATE: Aug 13, 2021
PERIOD TO: May 14, 2021

A	B	C	D	E	F	G		H	I
ITEM NO.	DESCRIPTION OF WORK	SCHEDULED VALUE	WORK COMPLETED (D+E) FROM PREVIOUS APPLICATION (D+E)	WORK COMPLETED (D+E) THIS PERIOD	MATERIAL PRESENTLY STORED (NOT IN D OR E)	TOTAL COMPLETED AND STORED TO DATE	PER-%(G/C)	BALANCE TO FINISH (C-G)	RETAINAGE
1000	**Labour**								
01-100	**Temporary Structures**								
01	**General conditions**								
1809-1	1809-1 PCI Detail Billing								
1809-1.01-100.1000	Temporary Structures - Labour	150,000.00	0.00	0.00	0.00	0.00	0	150,000.00	0.00
	1809-1 PCI Detail Billing Total:	*150,000.00*	*0.00*	*0.00*	*0.00*	*0.00*	*0*	*150,000.00*	*0.00*
	General conditions Total:	*150,000.00*	*0.00*	*0.00*	*0.00*	*0.00*	*0*	*150,000.00*	*0.00*
	Temporary Structures Total:	150,000.00	0.00	0.00	0.00	0.00	0	150,000.00	0.00
02-100	**Structual Demolition**								
02	**Existing Conditions**								
1809-1	1809-1 PCI Detail Billing								
1809-1.02-100.1000	Structual Demolition - Labour	150,000.00	0.00	0.00	0.00	0.00	0	150,000.00	0.00
	1809-1 PCI Detail Billing Total:	*150,000.00*	*0.00*	*0.00*	*0.00*	*0.00*	*0*	*150,000.00*	*0.00*
	Existing Conditions Total:	*150,000.00*	*0.00*	*0.00*	*0.00*	*0.00*	*0*	*150,000.00*	*0.00*
	Structual Demolition Total:	*150,000.00*	*0.00*	*0.00*	*0.00*	*0.00*	*0*	*150,000.00*	*0.00*
	Labour Total:	300,000.00	0.00	0.00	0.00	0.00	0	300,000.00	0.00
2000	**Subcontract**								
01-100	**Temporary Structures**								
01	**General conditions**								
1809-1	1809-1 PCI Detail Billing								
1809-1.01-100.2000	Temporary Structures - Subcontract	150,000.00	0.00	0.00	0.00	0.00	0	150,000.00	0.00
	1809-1 PCI Detail Billing Total:	*150,000.00*	*0.00*	*0.00*	*0.00*	*0.00*	*0*	*150,000.00*	*0.00*
	General conditions Total:	*150,000.00*	*0.00*	*0.00*	*0.00*	*0.00*	*0*	*150,000.00*	*0.00*
	Temporary Structures Total:	150,000.00	0.00	0.00	0.00	0.00	0	150,000.00	0.00
02-100	**Structual Demolition**								
02	**Existing Conditions**								
1809-1	1809-1 PCI Detail Billing								
1809-1.02-100.2000	Structual Demolition - Subcontract	150,000.00	0.00	0.00	0.00	0.00	0	150,000.00	0.00
	1809-1 PCI Detail Billing Total:	*150,000.00*	*0.00*	*0.00*	*0.00*	*0.00*	*0*	*150,000.00*	*0.00*
	Existing Conditions Total:	*150,000.00*	*0.00*	*0.00*	*0.00*	*0.00*	*0*	*150,000.00*	*0.00*
	Structual Demolition Total:	*150,000.00*	*0.00*	*0.00*	*0.00*	*0.00*	*0*	*150,000.00*	*0.00*
	Subcontract Total:	300,000.00	0.00	0.00	0.00	0.00	0	300,000.00	0.00
3000	**Equipment**								
01-100	**Temporary Structures**								
01	**General conditions**								
1809-1	1809-1 PCI Detail Billing								
1809-1.01-100.3000	Temporary Structures - Equipment	150,000.00	0.00	0.00	0.00	0.00	0	150,000.00	0.00

G703

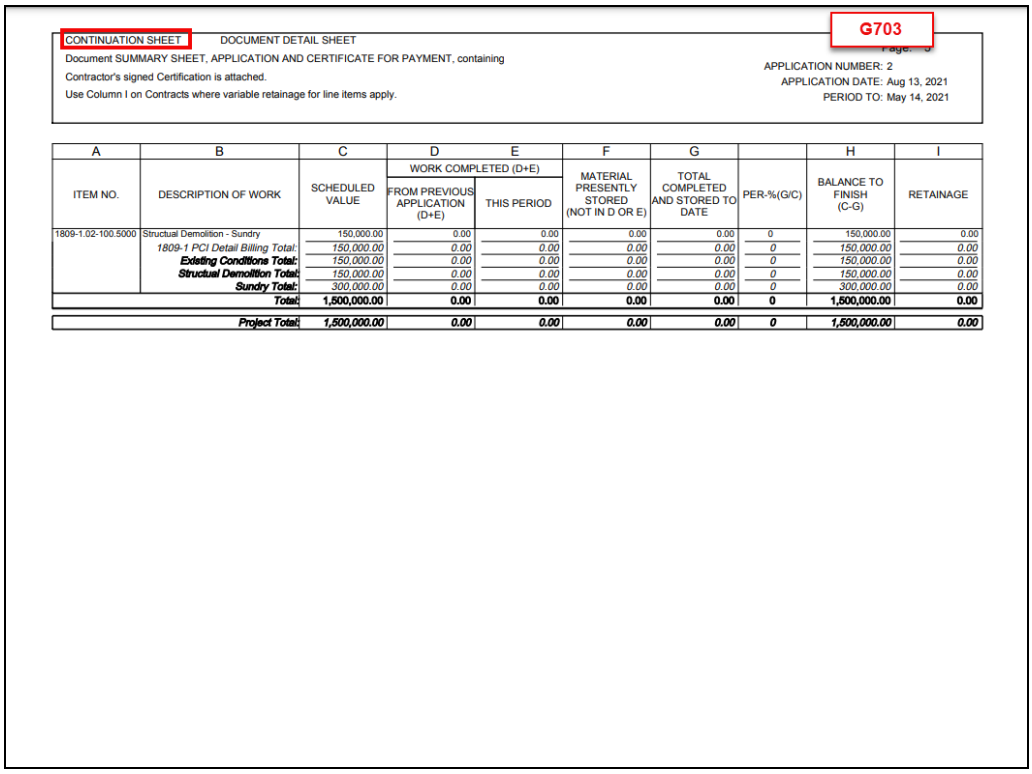
CONTINUATION SHEET DOCUMENT DETAIL SHEET

Page: 4

Document SUMMARY SHEET, APPLICATION AND CERTIFICATE FOR PAYMENT, containing
Contractor's signed Certification is attached.
Use Column I on Contracts where variable retainage for line items apply.

APPLICATION NUMBER: 2
APPLICATION DATE: Aug 13, 2021
PERIOD TO: May 14, 2021

A	B	C	D	E	F	G		H	I
ITEM NO.	DESCRIPTION OF WORK	SCHEDULED VALUE	WORK COMPLETED (D+E) FROM PREVIOUS APPLICATION (D+E)	WORK COMPLETED (D+E) THIS PERIOD	MATERIAL PRESENTLY STORED (NOT IN D OR E)	TOTAL COMPLETED AND STORED TO DATE	PER-%(G/C)	BALANCE TO FINISH (C-G)	RETAINAGE
	1809-1 PCI Detail Billing Total:	*150,000.00*	*0.00*	*0.00*	*0.00*	*0.00*	*0*	*150,000.00*	*0.00*
	General conditions Total:	*150,000.00*	*0.00*	*0.00*	*0.00*	*0.00*	*0*	*150,000.00*	*0.00*
	Temporary Structures Total:	150,000.00	0.00	0.00	0.00	0.00	0	150,000.00	0.00
02-100	**Structual Demolition**								
02	**Existing Conditions**								
1809-1	1809-1 PCI Detail Billing								
1809-1.02-100.3000	Structual Demolition - Equipment	150,000.00	0.00	0.00	0.00	0.00	0	150,000.00	0.00
	1809-1 PCI Detail Billing Total:	*150,000.00*	*0.00*	*0.00*	*0.00*	*0.00*	*0*	*150,000.00*	*0.00*
	Existing Conditions Total:	*150,000.00*	*0.00*	*0.00*	*0.00*	*0.00*	*0*	*150,000.00*	*0.00*
	Structual Demolition Total:	*150,000.00*	*0.00*	*0.00*	*0.00*	*0.00*	*0*	*150,000.00*	*0.00*
	Equipment Total:	300,000.00	0.00	0.00	0.00	0.00	0	300,000.00	0.00
4000	**Material**								
01-100	**Temporary Structures**								
01	**General conditions**								
1809-1	1809-1 PCI Detail Billing								
1809-1.01-100.4000	Temporary Structures - Material	150,000.00	0.00	0.00	0.00	0.00	0	150,000.00	0.00
	1809-1 PCI Detail Billing Total:	*150,000.00*	*0.00*	*0.00*	*0.00*	*0.00*	*0*	*150,000.00*	*0.00*
	General conditions Total:	*150,000.00*	*0.00*	*0.00*	*0.00*	*0.00*	*0*	*150,000.00*	*0.00*
	Temporary Structures Total:	150,000.00	0.00	0.00	0.00	0.00	0	150,000.00	0.00
02-100	**Structual Demolition**								
02	**Existing Conditions**								
1809-1	1809-1 PCI Detail Billing								
1809-1.02-100.4000	Structual Demolition - Material	150,000.00	0.00	0.00	0.00	0.00	0	150,000.00	0.00
	1809-1 PCI Detail Billing Total:	*150,000.00*	*0.00*	*0.00*	*0.00*	*0.00*	*0*	*150,000.00*	*0.00*
	Existing Conditions Total:	*150,000.00*	*0.00*	*0.00*	*0.00*	*0.00*	*0*	*150,000.00*	*0.00*
	Structual Demolition Total:	*150,000.00*	*0.00*	*0.00*	*0.00*	*0.00*	*0*	*150,000.00*	*0.00*
	Material Total:	300,000.00	0.00	0.00	0.00	0.00	0	300,000.00	0.00
5000	**Sundry**								
01-100	**Temporary Structures**								
01	**General conditions**								
1809-1	1809-1 PCI Detail Billing								
1809-1.01-100.5000	Temporary Structures - Sundry	150,000.00	0.00	0.00	0.00	0.00	0	150,000.00	0.00
	1809-1 PCI Detail Billing Total:	*150,000.00*	*0.00*	*0.00*	*0.00*	*0.00*	*0*	*150,000.00*	*0.00*
	General conditions Total:	*150,000.00*	*0.00*	*0.00*	*0.00*	*0.00*	*0*	*150,000.00*	*0.00*
	Temporary Structures Total:	150,000.00	0.00	0.00	0.00	0.00	0	150,000.00	0.00
02-100	**Structual Demolition**								
02	**Existing Conditions**								
1809-1	1809-1 PCI Detail Billing								



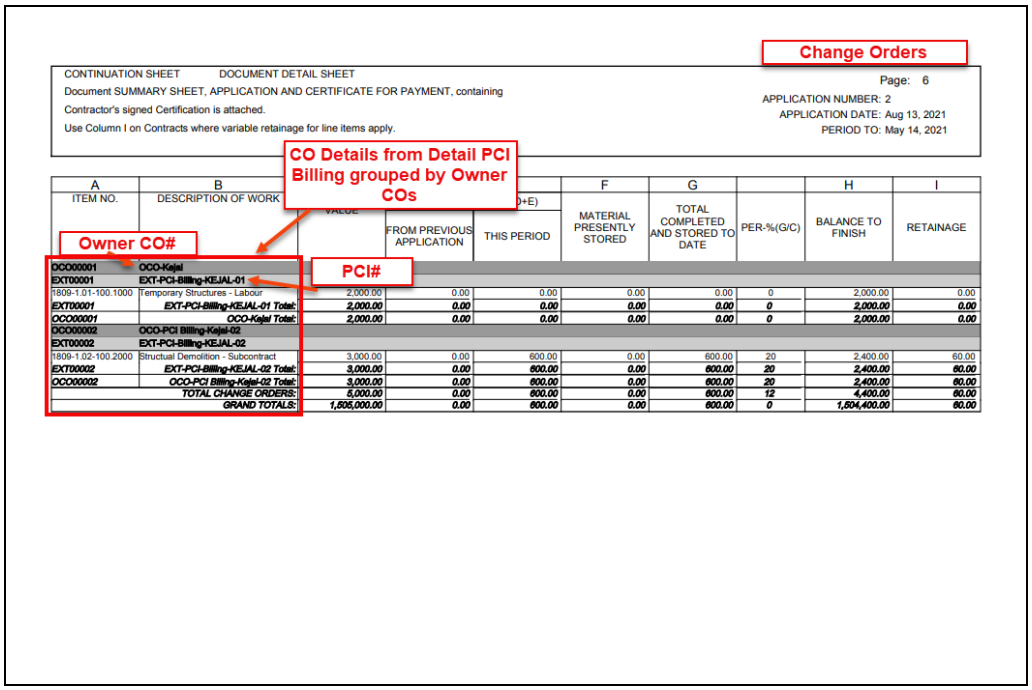
CONTINUATION SHEET DOCUMENT DETAIL SHEET

G703

Document SUMMARY SHEET, APPLICATION AND CERTIFICATE FOR PAYMENT, containing
Contractor's signed Certification is attached.
Use Column I on Contracts where variable retainage for line items apply.

APPLICATION NUMBER: 2
APPLICATION DATE: Aug 13, 2021
PERIOD TO: May 14, 2021

A	B	C	D	E	F	G		H	I
ITEM NO.	DESCRIPTION OF WORK	SCHEDULED VALUE	WORK COMPLETED (D+E) FROM PREVIOUS APPLICATION (D+E)	WORK COMPLETED (D+E) THIS PERIOD	MATERIAL PRESENTLY STORED (NOT IN D OR E)	TOTAL COMPLETED AND STORED TO DATE	PER-%(G/C)	BALANCE TO FINISH (C-G)	RETAINAGE
1809-1.02-100.5000	Structual Demolition - Sundry	150,000.00	0.00	0.00	0.00	0.00	0	150,000.00	0.00
	1809-1 PCI Detail Billing Total:	*150,000.00*	*0.00*	*0.00*	*0.00*	*0.00*	*0*	*150,000.00*	*0.00*
	Existing Conditions Total:	*150,000.00*	*0.00*	*0.00*	*0.00*	*0.00*	*0*	*150,000.00*	*0.00*
	Structual Demolition Total:	*150,000.00*	*0.00*	*0.00*	*0.00*	*0.00*	*0*	*150,000.00*	*0.00*
	Sundry Total:	*300,000.00*	*0.00*	*0.00*	*0.00*	*0.00*	*0*	*300,000.00*	*0.00*
	Total:	**1,500,000.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0**	**1,500,000.00**	**0.00**
	Project Total:	***1,500,000.00***	***0.00***	***0.00***	***0.00***	***0.00***	***0***	***1,500,000.00***	***0.00***



Change Orders

CONTINUATION SHEET DOCUMENT DETAIL SHEET

Page: 6

Document SUMMARY SHEET, APPLICATION AND CERTIFICATE FOR PAYMENT, containing
Contractor's signed Certification is attached.
Use Column I on Contracts where variable retainage for line items apply.

APPLICATION NUMBER: 2
APPLICATION DATE: Aug 13, 2021
PERIOD TO: May 14, 2021

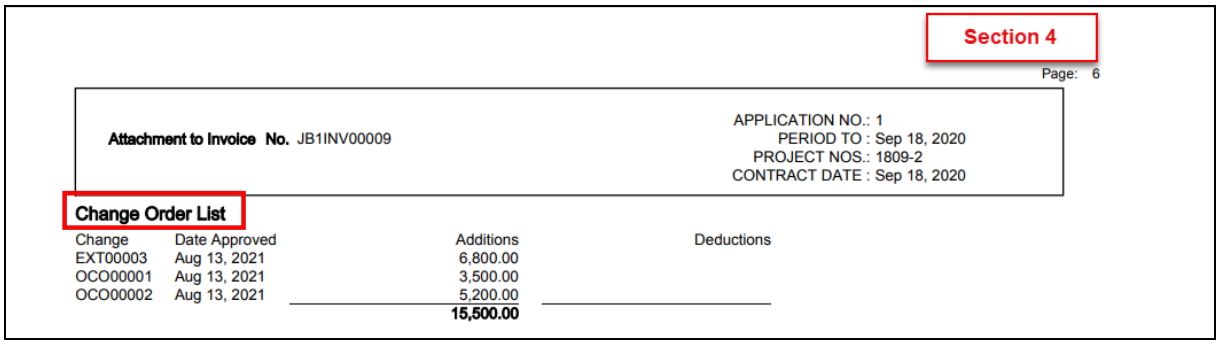
CO Details from Detail PCI Billing grouped by Owner COs

Owner CO#

PCI#

A	B	C	D	E	F	G		H	I
ITEM NO.	DESCRIPTION OF WORK		FROM PREVIOUS APPLICATION	THIS PERIOD	MATERIAL PRESENTLY STORED	TOTAL COMPLETED AND STORED TO DATE	PER-%(G/C)	BALANCE TO FINISH	RETAINAGE
OCO00001	***OCO-Kajal***								
EXT00001	***EXT-PCI-Billing-KEJAL-01***								
1809-1.01-100.1000	Temporary Structures - Labour	2,000.00	0.00	0.00	0.00	0.00	0	2,000.00	0.00
EXT00001	***EXT-PCI-Billing-KEJAL-01 Total:***	***2,000.00***	***0.00***	***0.00***	***0.00***	***0.00***	***0***	***2,000.00***	***0.00***
OCO00001	***OCO-Kajal Total:***	***2,000.00***	***0.00***	***0.00***	***0.00***	***0.00***	***0***	***2,000.00***	***0.00***
OCO00002	***OCO-PCI Billing-Kajal-02***								
EXT00002	***EXT-PCI-Billing-KEJAL-02***								
1809-1.02-100.2000	Structual Demolition - Subcontract	3,000.00	0.00	600.00	0.00	600.00	20	2,400.00	60.00
EXT00002	***EXT-PCI-Billing-KEJAL-02 Total:***	***3,000.00***	***0.00***	***600.00***	***0.00***	***600.00***	***20***	***2,400.00***	***60.00***
OCO00002	***OCO-PCI Billing-Kajal-02 Total:***	***3,000.00***	***0.00***	***600.00***	***0.00***	***600.00***	***20***	***2,400.00***	***60.00***
	TOTAL CHANGE ORDERS:	***5,000.00***	***0.00***	***600.00***	***0.00***	***600.00***	***12***	***4,400.00***	***60.00***
	GRAND TOTALS:	***1,505,000.00***	***0.00***	***600.00***	***0.00***	***600.00***	***0***	***1,504,400.00***	***60.00***

NOTE: In Section 4, for Non-PCI Billing items, the Change Order list is printed as follows grouped by owner change orders.



Section 4

Page: 6

Attachment to Invoice No. JB1INV00009

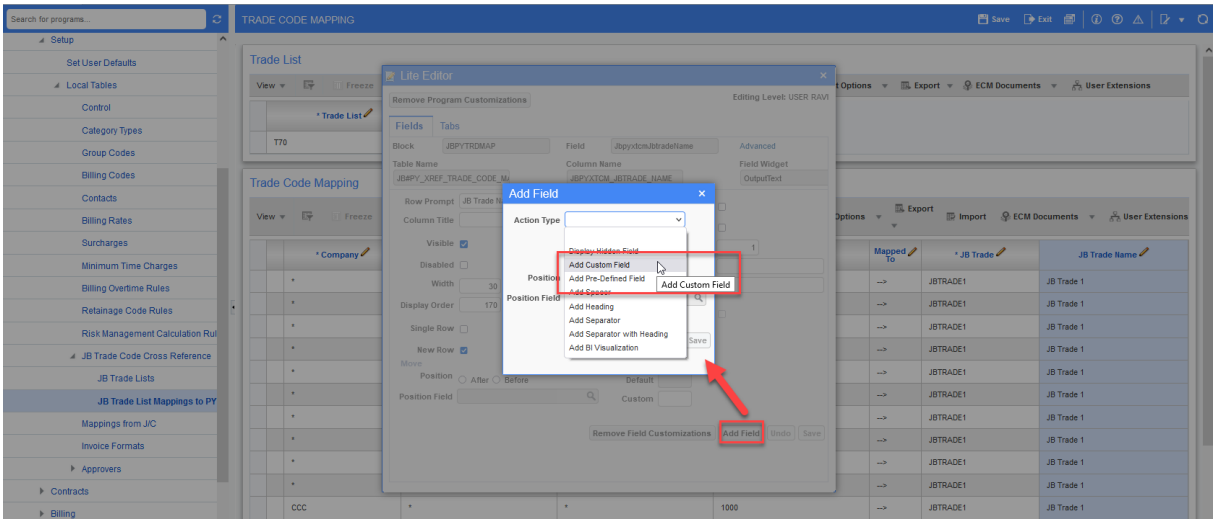
APPLICATION NO.: 1
PERIOD TO : Sep 18, 2020
PROJECT NOS.: 1809-2
CONTRACT DATE : Sep 18, 2020

Change Order List

Change	Date Approved	Additions	Deductions
EXT00003	Aug 13, 2021	6,800.00	
OCO00001	Aug 13, 2021	3,500.00	
OCO00002	Aug 13, 2021	5,200.00	
		15,500.00	

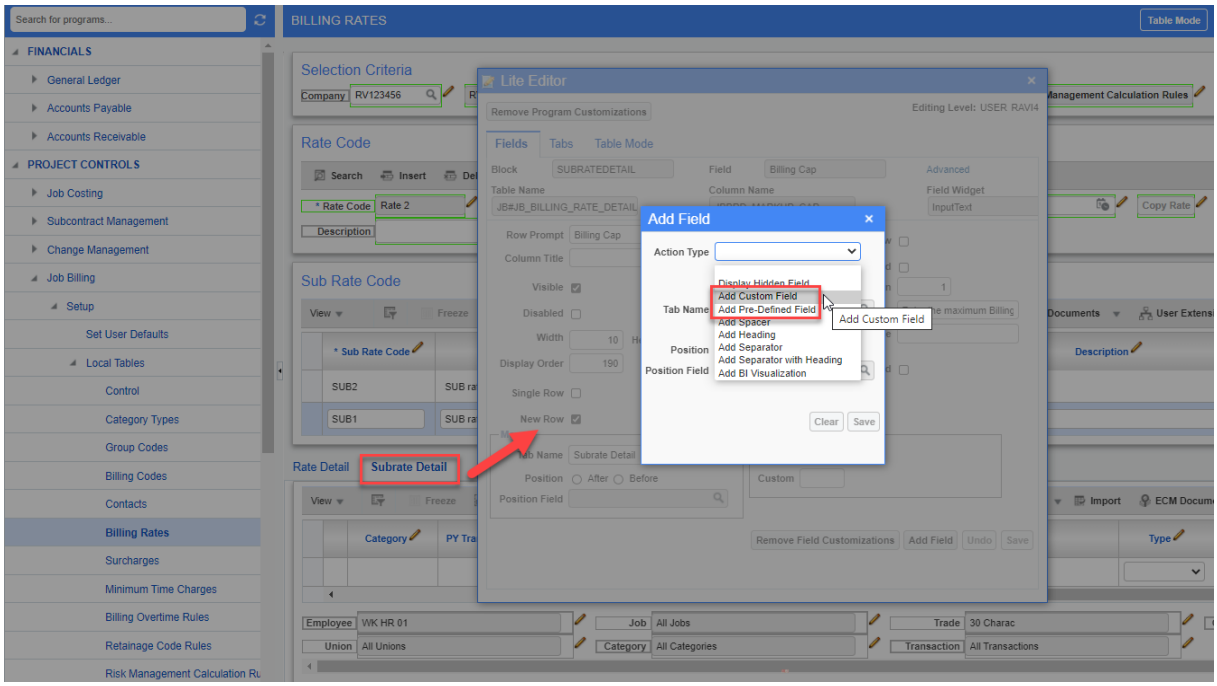
JB Trade list Mappings – Ability to add Custom Fields (21.45828)

Added the ability to add Custom / User Defined Fields in JB Trade List Mappings to PY Program in the 'Trade Code Mapping' block.



JB Rate Maintenance - Sub Rate Custom Fields (21.45472)

Added the ability to add Custom / User Defined Fields in 'Billing Rate Maintenance > Sub Rate Details Section' using the lite editor.



Added Remittance Details on Owner Bill (21.42020)

Changed Remit on Owner Bill.

Modifications:

a. Provided a field (optional) to enter remittance details on the company control in JB.

b. Provided a field (optional) to enter remittance details against the contract.

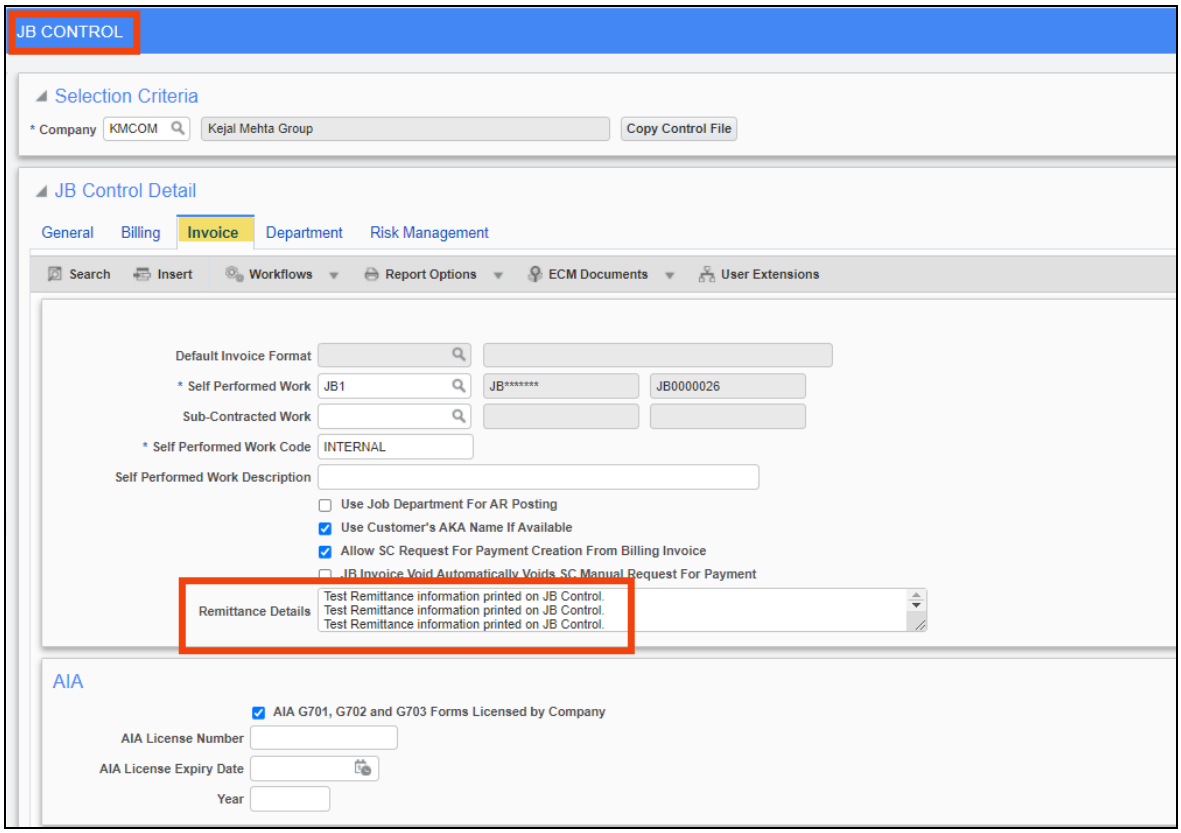
c. Provided an option on the invoice format to print the remittance details.

If the option on the invoice format is switched on, the system will check to see if there are remittance details against the contract. It will print them. If there are no details against the contract, it will print the one from the company control.

Printing of remittance details will remove the printing of the address (as it does currently with your custom format).

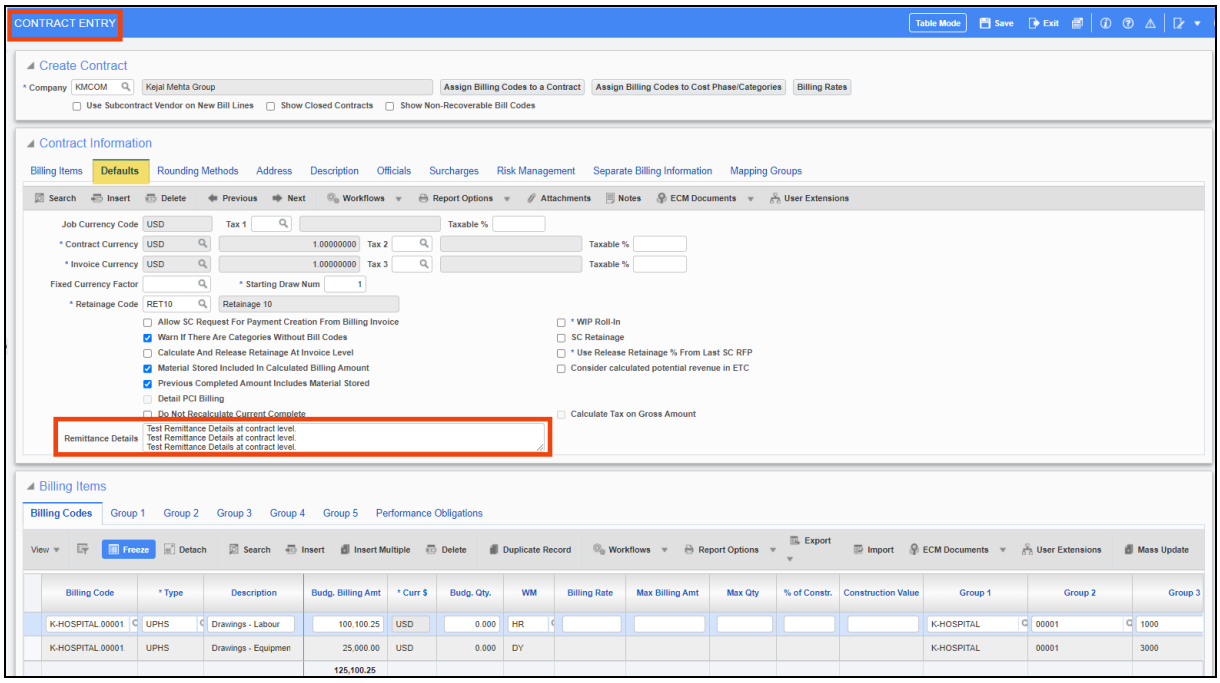
Setup and Printing the Invoice:

Added a field (optional) to enter remittance details on the company control in JB.



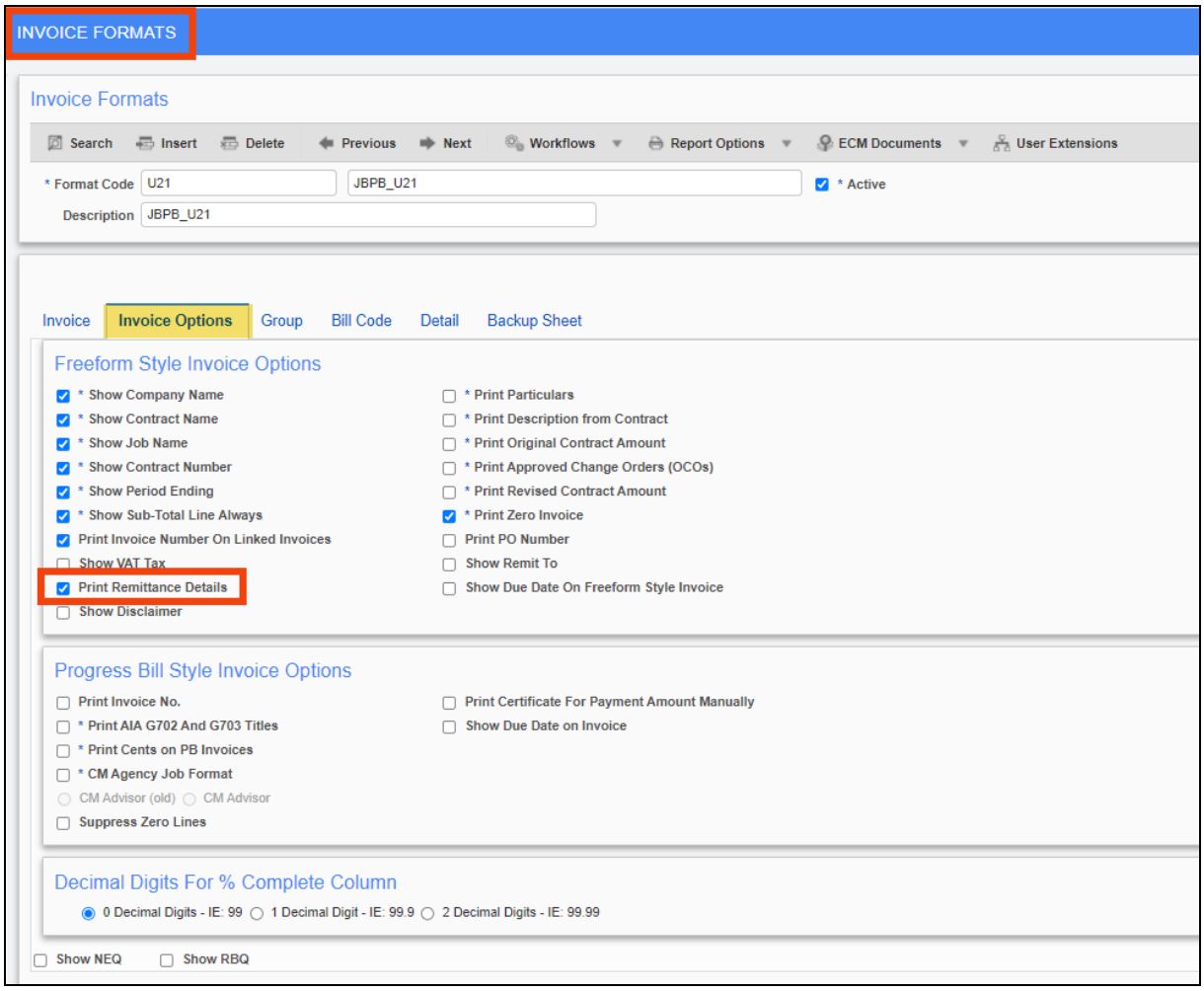
JB>Local Tables>Control

Added a field (optional) to enter remittance details against the contract.



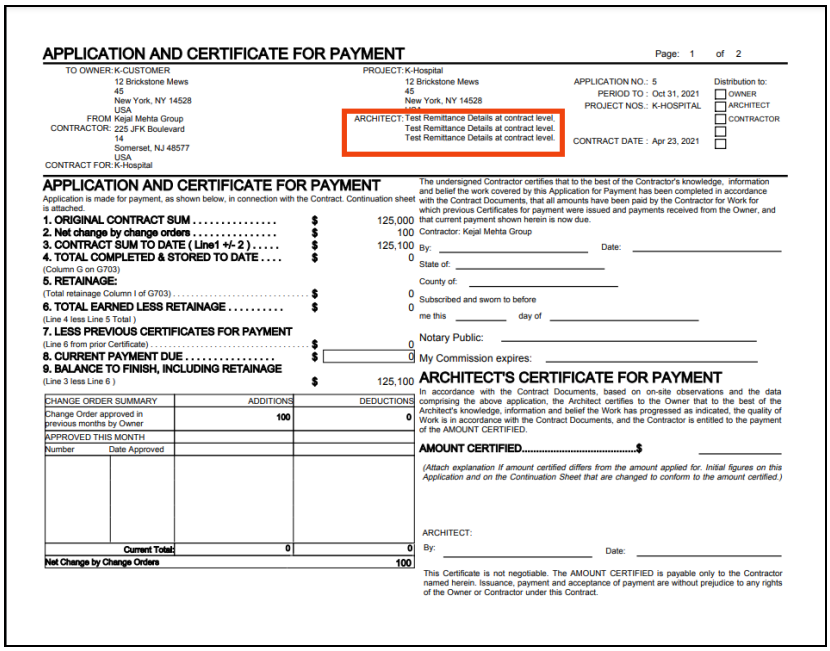
JB>Contracts>Enter Contract

Added an option on the invoice format to print the remittance details.



JB>Local Tables>Invoice Formats

Print the invoice when the contract has remittance details maintained against it. The invoice prints the remittance details maintained at the contract level.



APPLICATION AND CERTIFICATE FOR PAYMENT

Page: 1 of 2

TO OWNER: K-CUSTOMER
12 Brickstone Mews
45
New York, NY 14528
USA

FROM CONTRACTOR: Kejal Mehta Group
225 JFK Boulevard
14
Somerset, NJ 48577
USA

CONTRACT FOR: K-Hospital

PROJECT: K-Hospital
12 Brickstone Mews
45
New York, NY 14528
USA

ARCHITECT: Test Remittance Details at contract level.
Test Remittance Details at contract level.
Test Remittance Details at contract level.

APPLICATION NO.: 5
PERIOD TO : Oct 31, 2021
PROJECT NOS.: K-HOSPITAL

CONTRACT DATE : Apr 23, 2021

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	$	125,000
2. Net change by change orders	$	100
3. CONTRACT SUM TO DATE (Line1 +/- 2)	$	125,100
4. TOTAL COMPLETED & STORED TO DATE (Column G on G703)	$	0
5. RETAINAGE: (Total retainage Column I of G703)	$	0
6. TOTAL EARNED LESS RETAINAGE (Line 4 less Line 5 Total)	$	0
7. LESS PREVIOUS CERTIFICATES FOR PAYMENT (Line 6 from prior Certificate)	$	0
8. CURRENT PAYMENT DUE	$	0
9. BALANCE TO FINISH, INCLUDING RETAINAGE (Line 3 less Line 6)	$	125,100

CHANGE ORDER SUMMARY	ADDITIONS	DEDUCTIONS
Change Order approved in previous months by Owner	100	0
APPROVED THIS MONTH		
Number / Date Approved		
Current Total:	0	0
Net Change by Change Orders		100

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: Kejal Mehta Group

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.)

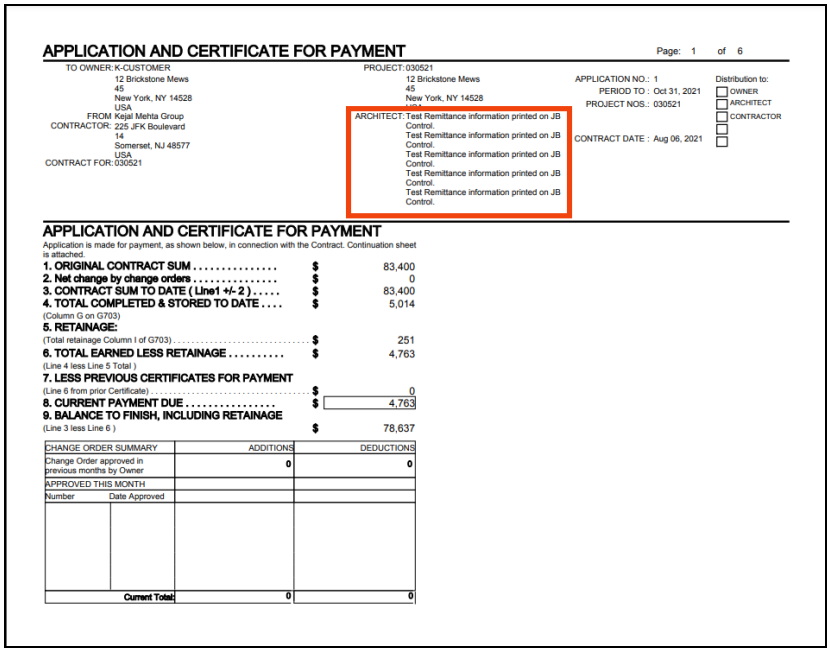
ARCHITECT:

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.

JB> Billing > Print Invoices

Print the invoice when the contract has no remittance details against it. The invoice prints the remittance details maintained at JB Control level.



APPLICATION AND CERTIFICATE FOR PAYMENT

Page: 1 of 6

TO OWNER: K-CUSTOMER
12 Brickstone Mews
45
New York, NY 14528
USA

FROM CONTRACTOR: Kejal Mehta Group
225 JFK Boulevard
14
Somerset, NJ 48577
USA

CONTRACT FOR: 030521

PROJECT: 030521
12 Brickstone Mews
45
New York, NY 14528
USA

ARCHITECT: Test Remittance information printed on JB Control.
Test Remittance information printed on JB Control.
Test Remittance information printed on JB Control.
Test Remittance information printed on JB Control.
Test Remittance information printed on JB Control.

APPLICATION NO.: 1
PERIOD TO : Oct 31, 2021
PROJECT NOS.: 030521

CONTRACT DATE : Aug 06, 2021

Distribution to:
☐ OWNER
☐ ARCHITECT
☐ CONTRACTOR
☐
☐

APPLICATION AND CERTIFICATE FOR PAYMENT

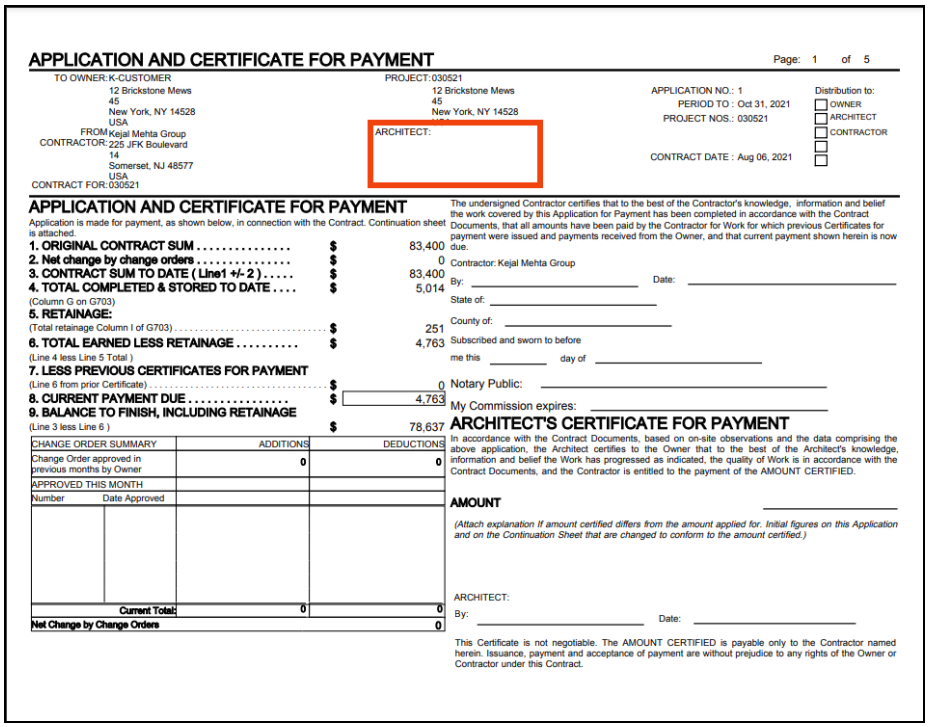
Application is made for payment, as shown below, in connection with the Contract. Continuation sheet is attached.

1. ORIGINAL CONTRACT SUM	$	83,400
2. Net change by change orders	$	0
3. CONTRACT SUM TO DATE (Line1 +/- 2)	$	83,400
4. TOTAL COMPLETED & STORED TO DATE (Column G on G703)	$	5,014
5. RETAINAGE: (Total retainage Column I of G703)	$	251
6. TOTAL EARNED LESS RETAINAGE (Line 4 less Line 5 Total)	$	4,763
7. LESS PREVIOUS CERTIFICATES FOR PAYMENT (Line 6 from prior Certificate)	$	0
8. CURRENT PAYMENT DUE	$	4,763
9. BALANCE TO FINISH, INCLUDING RETAINAGE (Line 3 less Line 6)	$	78,637

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

JB> Billing > Print Invoices

Print the invoice when the option on the invoice format is switched off so that it doesn't print the remittance details.



APPLICATION AND CERTIFICATE FOR PAYMENT

Page: 1 of 5

TO OWNER: K-CUSTOMER
12 Brickstone Mews
45
New York, NY 14528
USA

FROM CONTRACTOR: Kejal Mehta Group
225 JFK Boulevard
14
Somerset, NJ 48577
USA

CONTRACT FOR: 030521

PROJECT: 030521
12 Brickstone Mews
45
New York, NY 14528

ARCHITECT:

APPLICATION NO.: 1
PERIOD TO : Oct 31, 2021
PROJECT NOS.: 030521

CONTRACT DATE : Aug 06, 2021

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	$	83,400
2. Net change by change orders	$	0
3. CONTRACT SUM TO DATE (Line1 +/- 2)	$	83,400
4. TOTAL COMPLETED & STORED TO DATE (Column G on G703)	$	5,014
5. RETAINAGE: (Total retainage Column I of G703)	$	251
6. TOTAL EARNED LESS RETAINAGE (Line 4 less Line 5 Total)	$	4,763
7. LESS PREVIOUS CERTIFICATES FOR PAYMENT (Line 6 from prior Certificate)	$	0
8. CURRENT PAYMENT DUE	$	4,763
9. BALANCE TO FINISH, INCLUDING RETAINAGE (Line 3 less Line 6)	$	78,637

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: Kejal Mehta Group

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 _____

(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.

JB>Contracts>Enter Contract

Added New Invoice Format Option-California Notary (21.46227)

New invoice format option (California Notary)

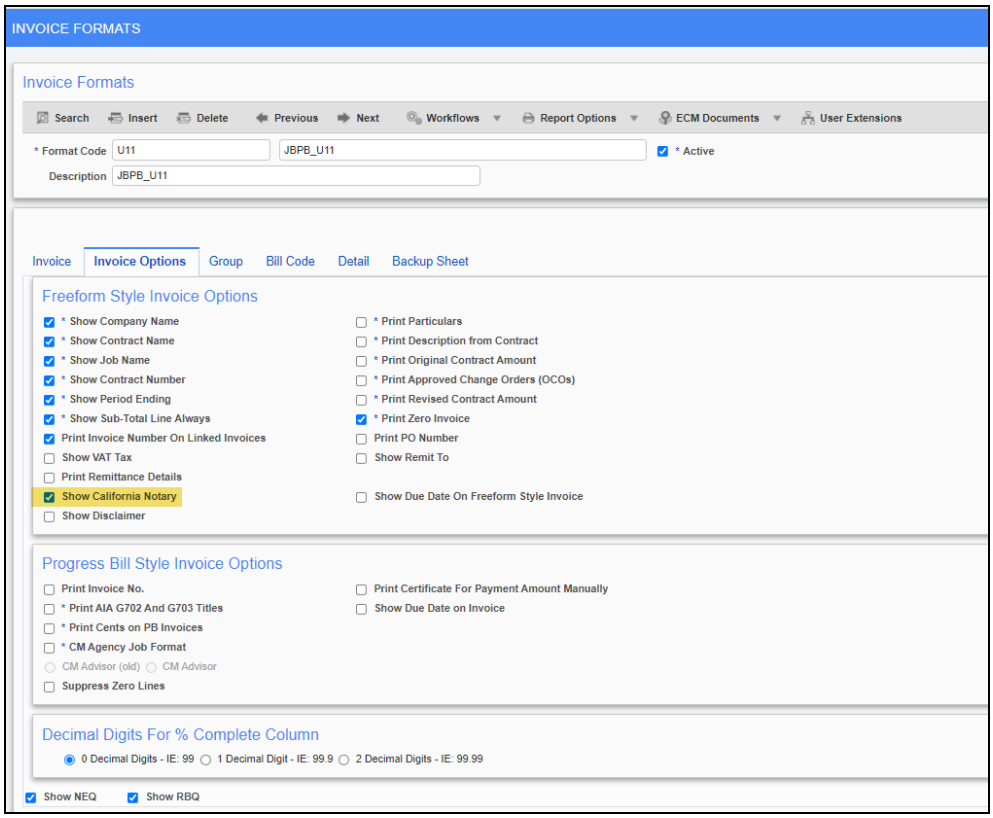
Modifications:

Added a new invoice format option (California Notary), when checked it will print the California G702 Notary format. The 'Show California Notary' flag will be hidden, and user will need to add it using the Lite Editor.

All the standard reports will be modified to print the new notary format.

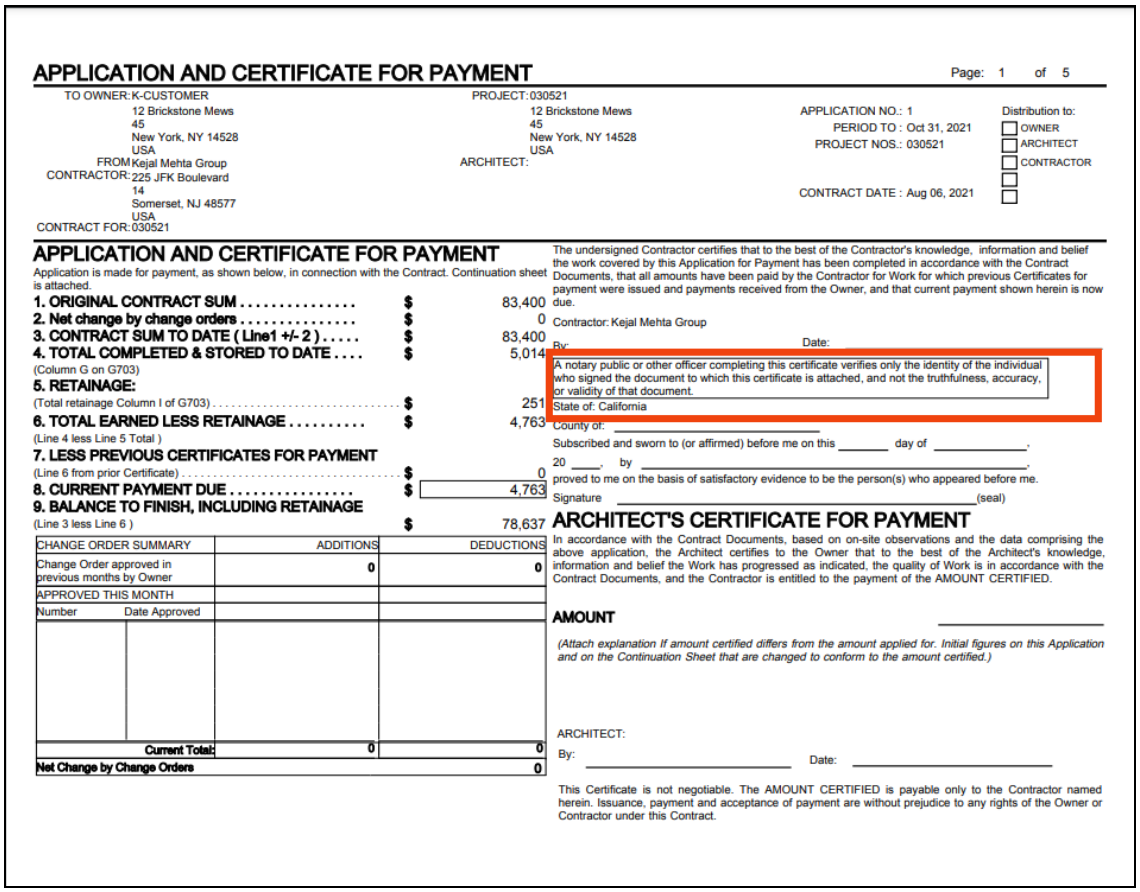
Setup and Printing:

Check the 'Show California Notary' flag.



JB>Local Tables>Invoice Formats

Print the invoice. The invoices print the California G702 Notary format.



APPLICATION AND CERTIFICATE FOR PAYMENT

Page: 1 of 5

TO OWNER: K-CUSTOMER
12 Brickstone Mews
45
New York, NY 14528
USA

FROM CONTRACTOR: Kejal Mehta Group
225 JFK Boulevard
14
Somerset, NJ 48577
USA

CONTRACT FOR: 030521

PROJECT: 030521
12 Brickstone Mews
45
New York, NY 14528
USA

ARCHITECT:

APPLICATION NO.: 1
PERIOD TO : Oct 31, 2021
PROJECT NOS.: 030521

CONTRACT DATE : Aug 06, 2021

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	$	83,400
2. Net change by change orders	$	0
3. CONTRACT SUM TO DATE (Line1 +/- 2)	$	83,400
4. TOTAL COMPLETED & STORED TO DATE (Column G on G703)	$	5,014
5. RETAINAGE: (Total retainage Column I of G703)	$	251
6. TOTAL EARNED LESS RETAINAGE (Line 4 less Line 5 Total)	$	4,763
7. LESS PREVIOUS CERTIFICATES FOR PAYMENT (Line 6 from prior Certificate)	$	0
8. CURRENT PAYMENT DUE	$	4,763
9. BALANCE TO FINISH, INCLUDING RETAINAGE (Line 3 less Line 6)	$	78,637

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: Kejal Mehta Group

By: Date:

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of: California

County of:

Subscribed and sworn to (or affirmed) before me on this _____ day of _____,

20 ____. by _____,

proved to me on the basis of satisfactory evidence to be the person(s) who appeared before me.

Signature _____ (seal)

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 _____

(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:

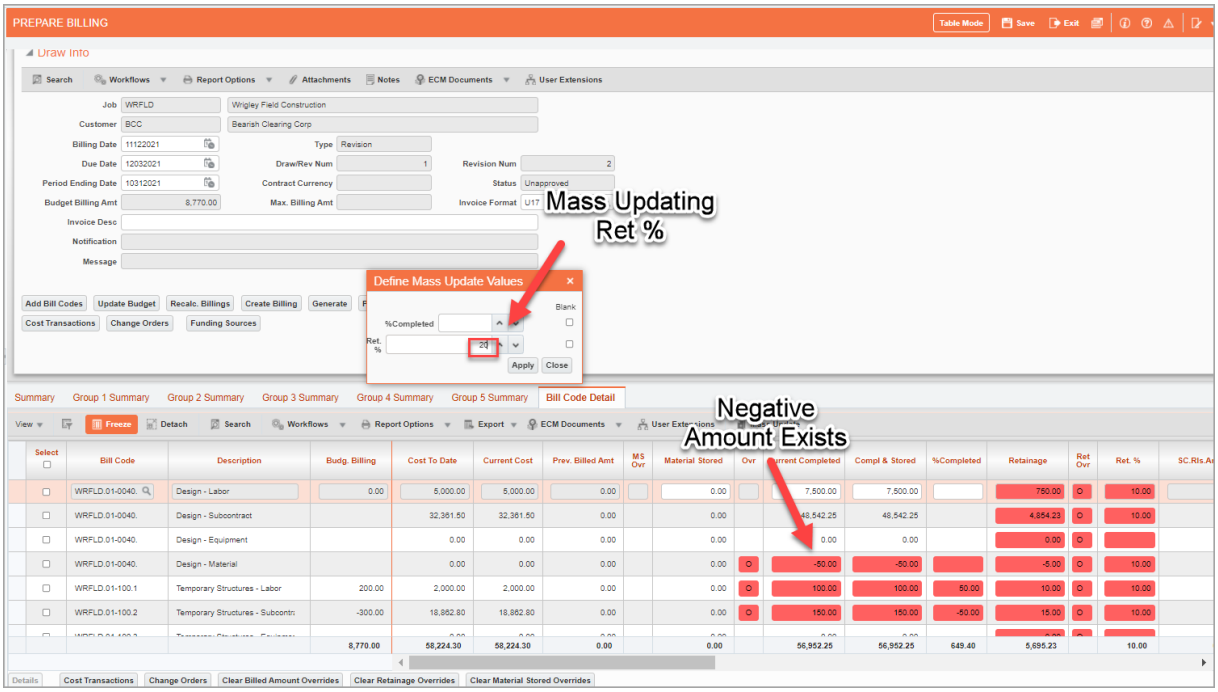
By: _____ Date: _____

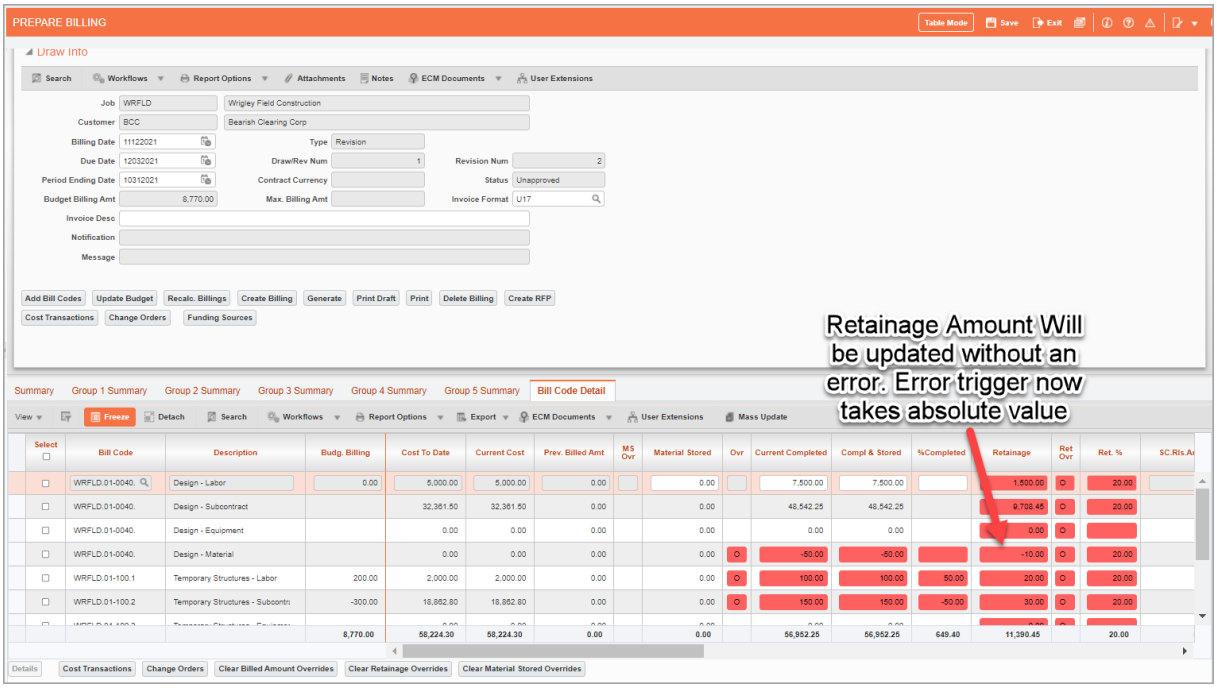
This Certificate is not negotiable. The AMOUNT CERTIFIED is payable only to the Contractor named herein. Issuance, payment and acceptance of payment are without prejudice to any rights of the Owner or Contractor under this Contract.

JB> Billing > Print Invoices

G/C Prepare Billing: Mass Update Taking Absolute Value (21.49233)

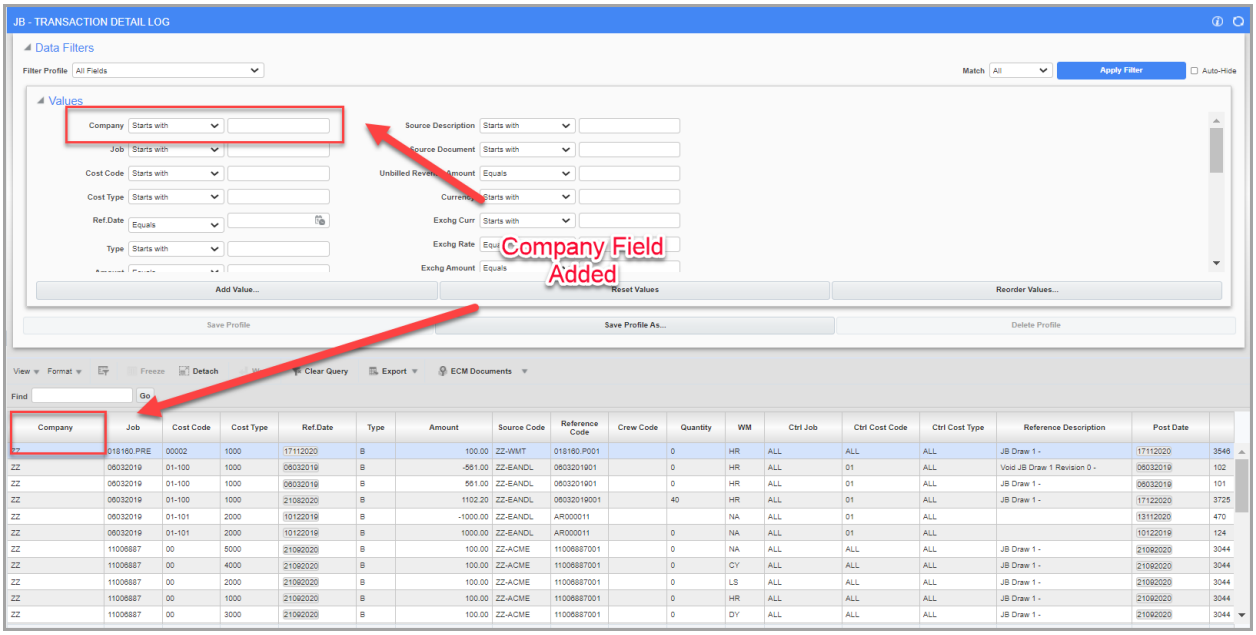
CMiC have modified GC prepare Billing to allow the users to mass updating the ‘ret %’ and ‘% completed’ of group 1~5 and bill code tab if there is a negative amount on budget.





JB Transaction Detail Log: Added “Company” Field in Search as Well as Column in the Table (21.48508)

Added "company" field in search as well as column in the table.



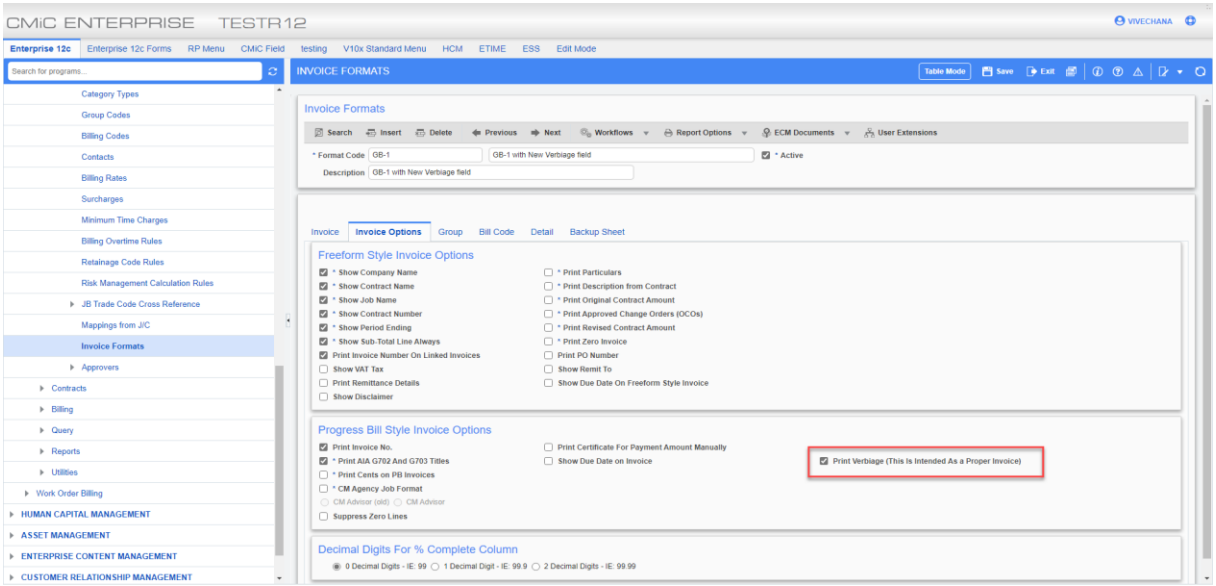
Added Print Verbiage Flag to Invoice Format Program (22.60211)

A verbiage has been added to the cover page of Invoice Report (JBPB_C10). This is not applicable to Draft Invoice printing.

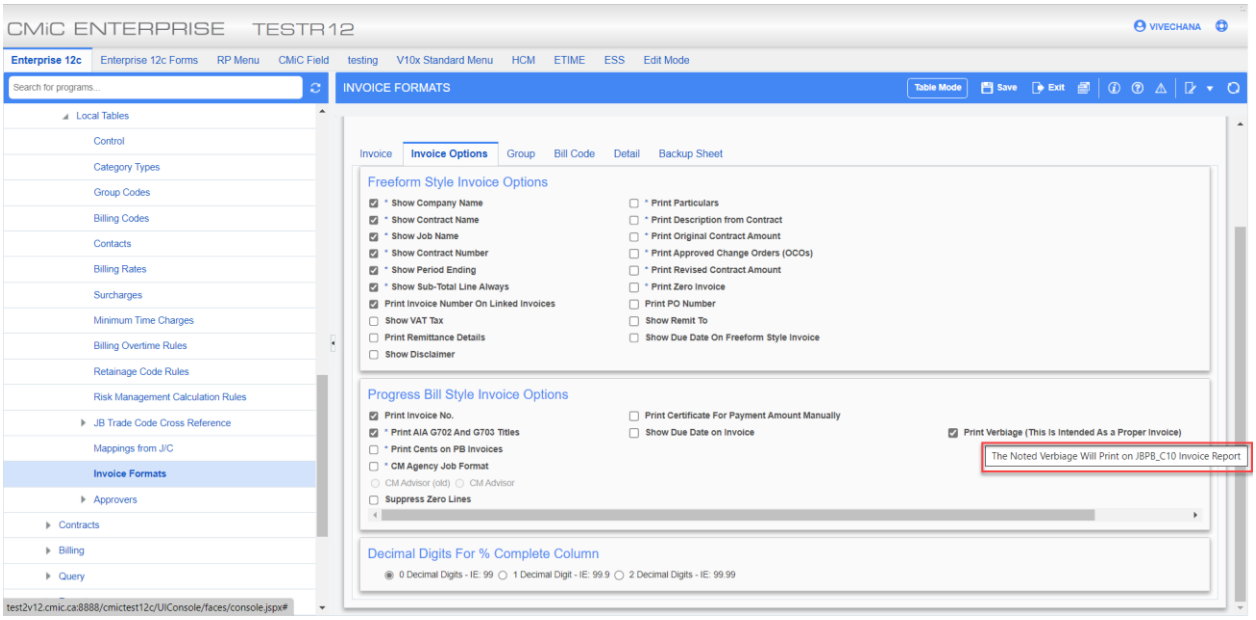
Modification:

A flag has been added to Invoice Format Program. By default, this is hidden and unchecked and can be added through Lite Editor.

When mouse pointer is hovered over the new flag, the note will read: “The noted Verbiage will print on JBPB_C10 Invoice Report”.

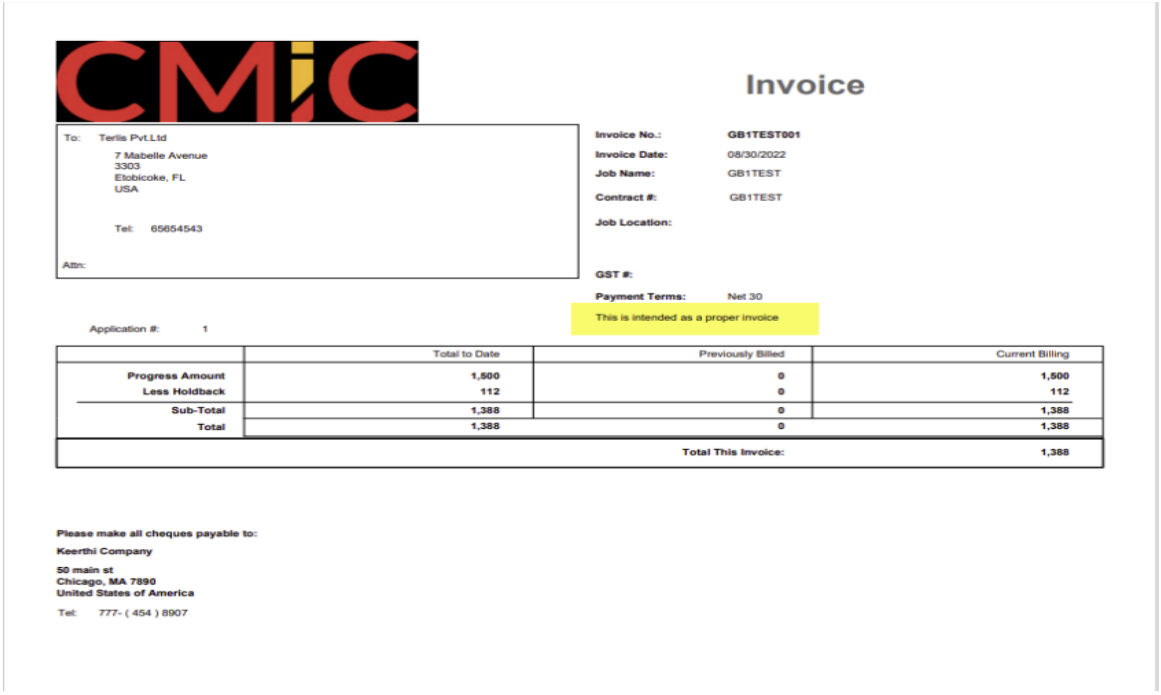


Job Billing>Setup >local tables>Invoice formats- Under Invoice Options-progress Bill Style Invoice Options



Job Billing>Setup >local tables>Invoice formats- Under Invoice Options-progress Bill Style Invoice Options

When the flag is checked on the Invoice Format screen for Report: JBPB_C10, the verbiage “This is intended as a proper invoice” will be printed on Invoice.



Invoice

To: Terlis Pvt.Ltd
7 Mabelle Avenue
3303
Etobicoke, FL
USA

Tel: 65654543

Attn:

Invoice No.: GB1TEST001
Invoice Date: 08/30/2022
Job Name: GB1TEST
Contract #: GB1TEST
Job Location:

GST #:
Payment Terms: Net 30

This is intended as a proper invoice

Application #: 1

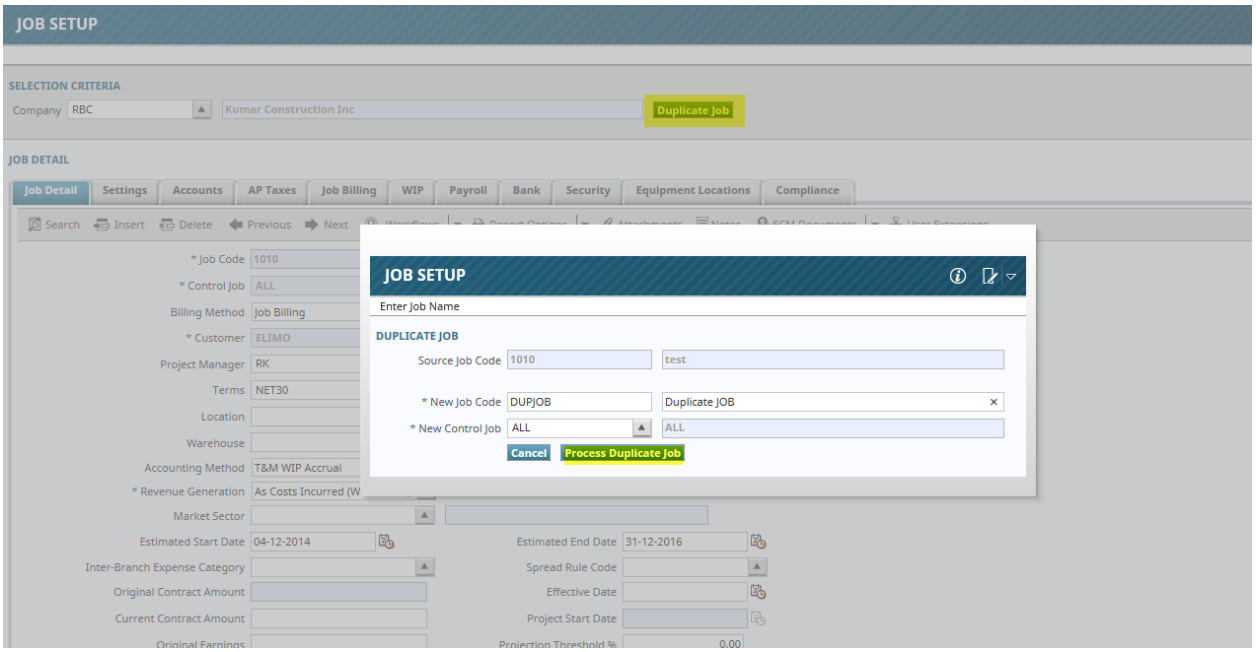
	Total to Date	Previously Billed	Current Billing
Progress Amount	1,500	0	1,500
Less Holdback	112	0	112
Sub-Total	1,388	0	1,388
Total	1,388	0	1,388
		Total This Invoice:	1,388

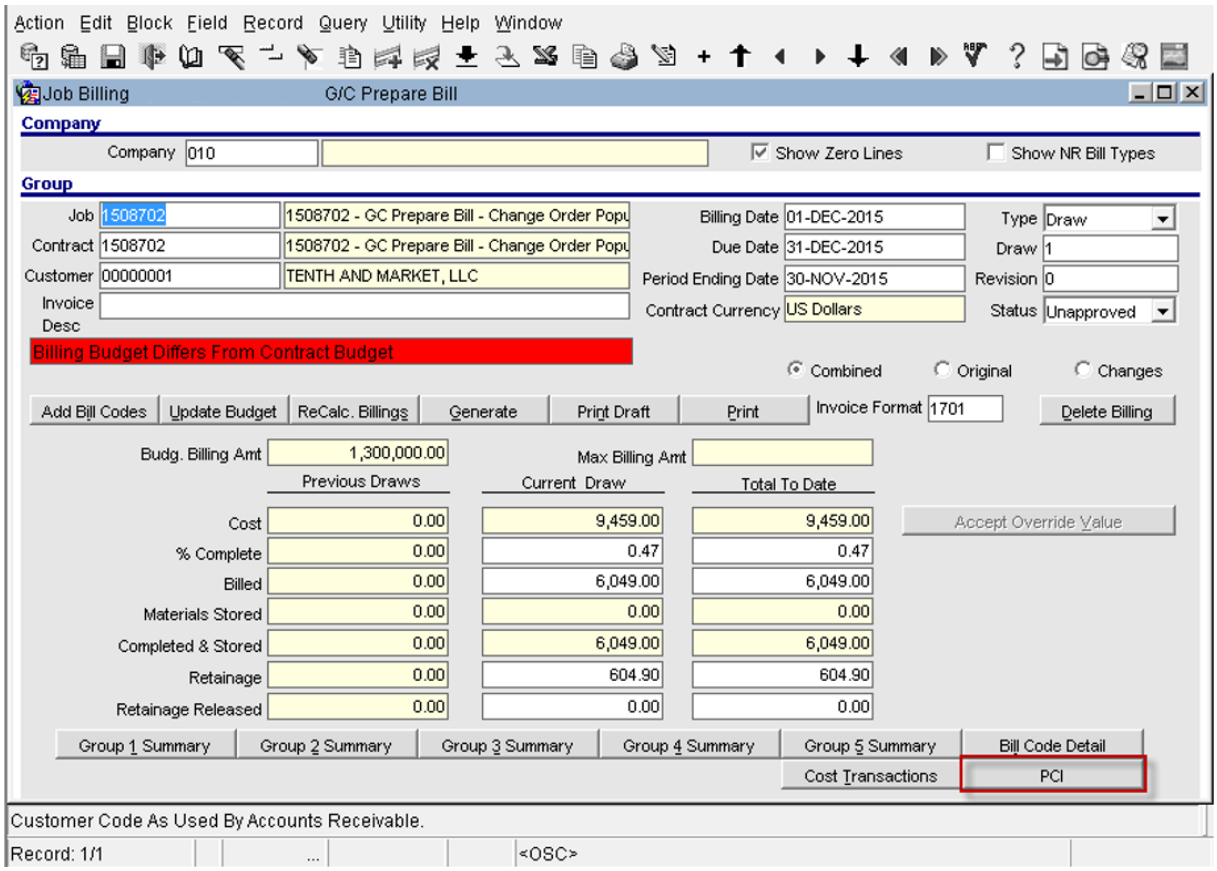
Please make all cheques payable to:
Keerthi Company
50 main st
Chicago, MA 7890
United States of America
Tel: 777- (454) 8907

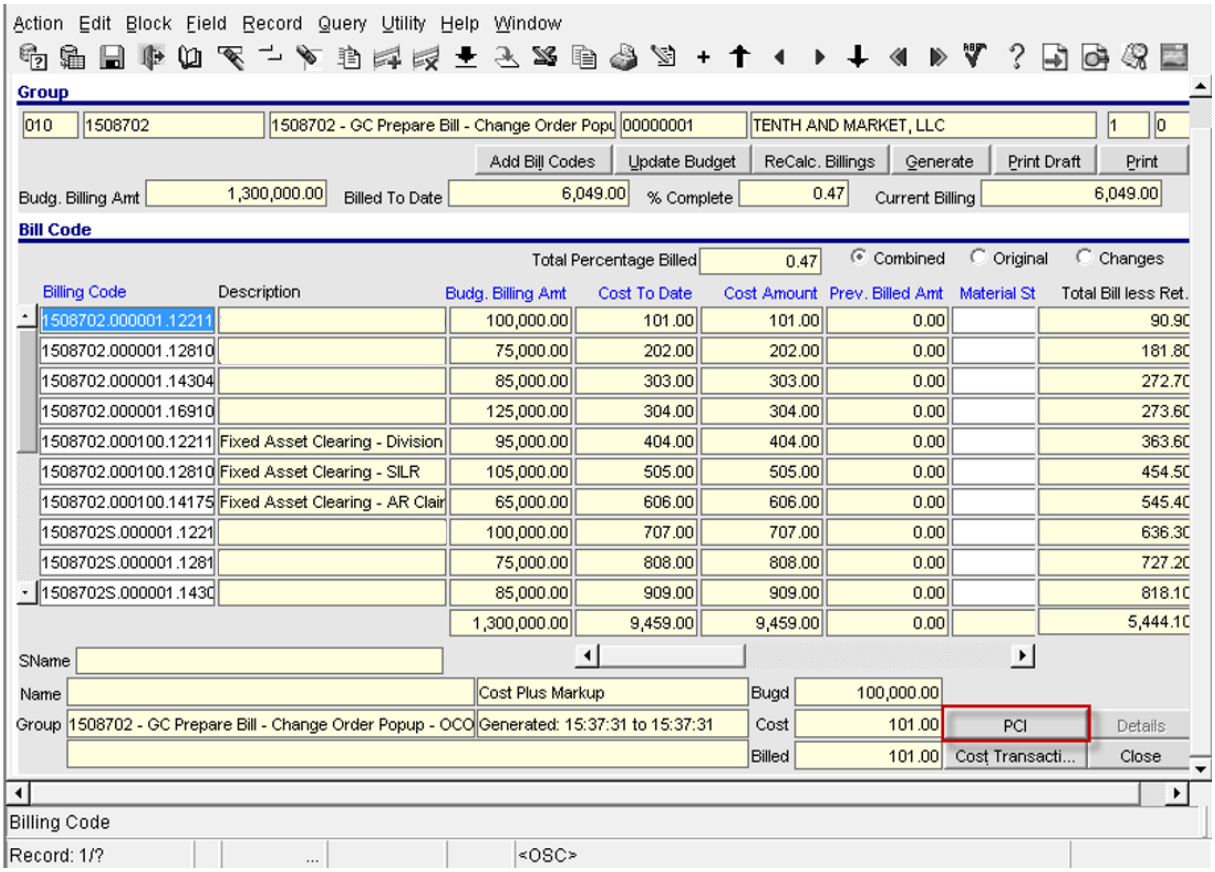
Job Costing

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.

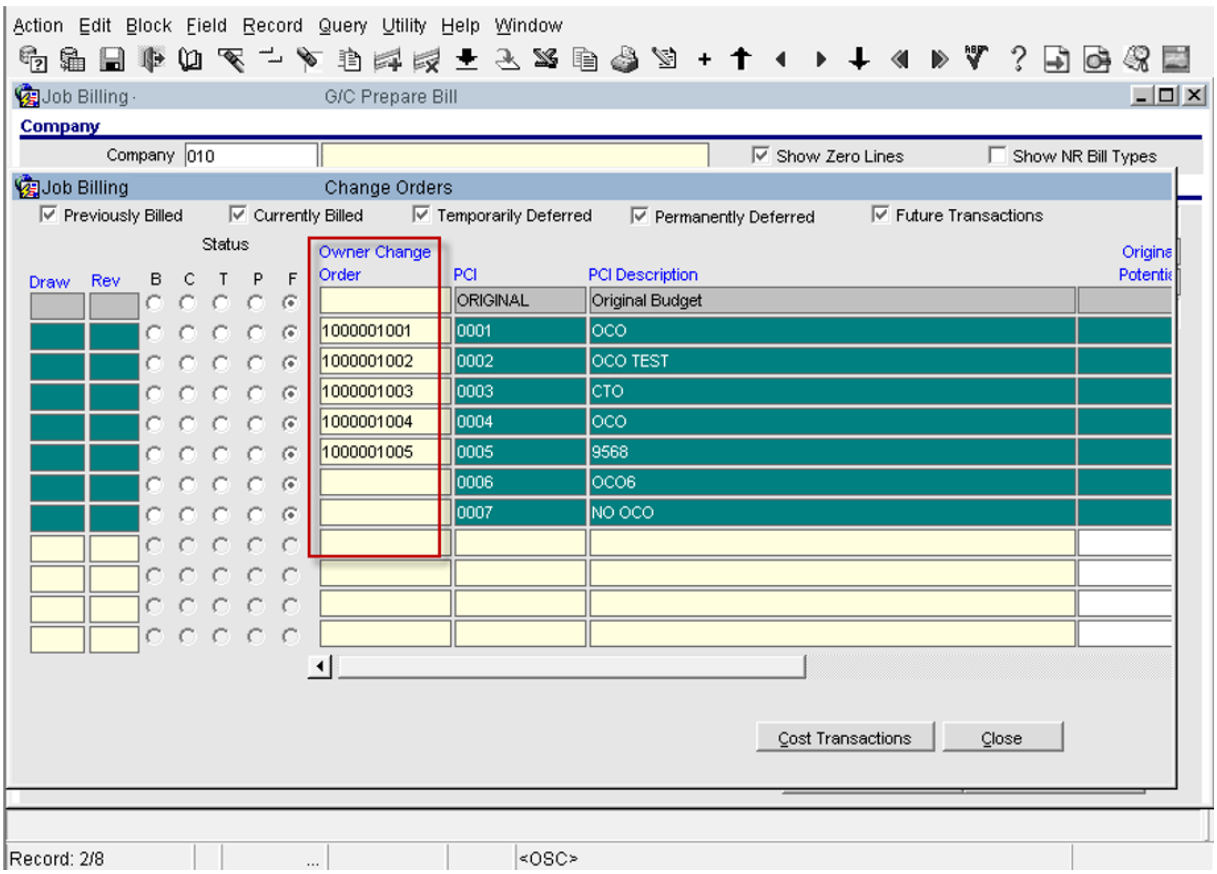


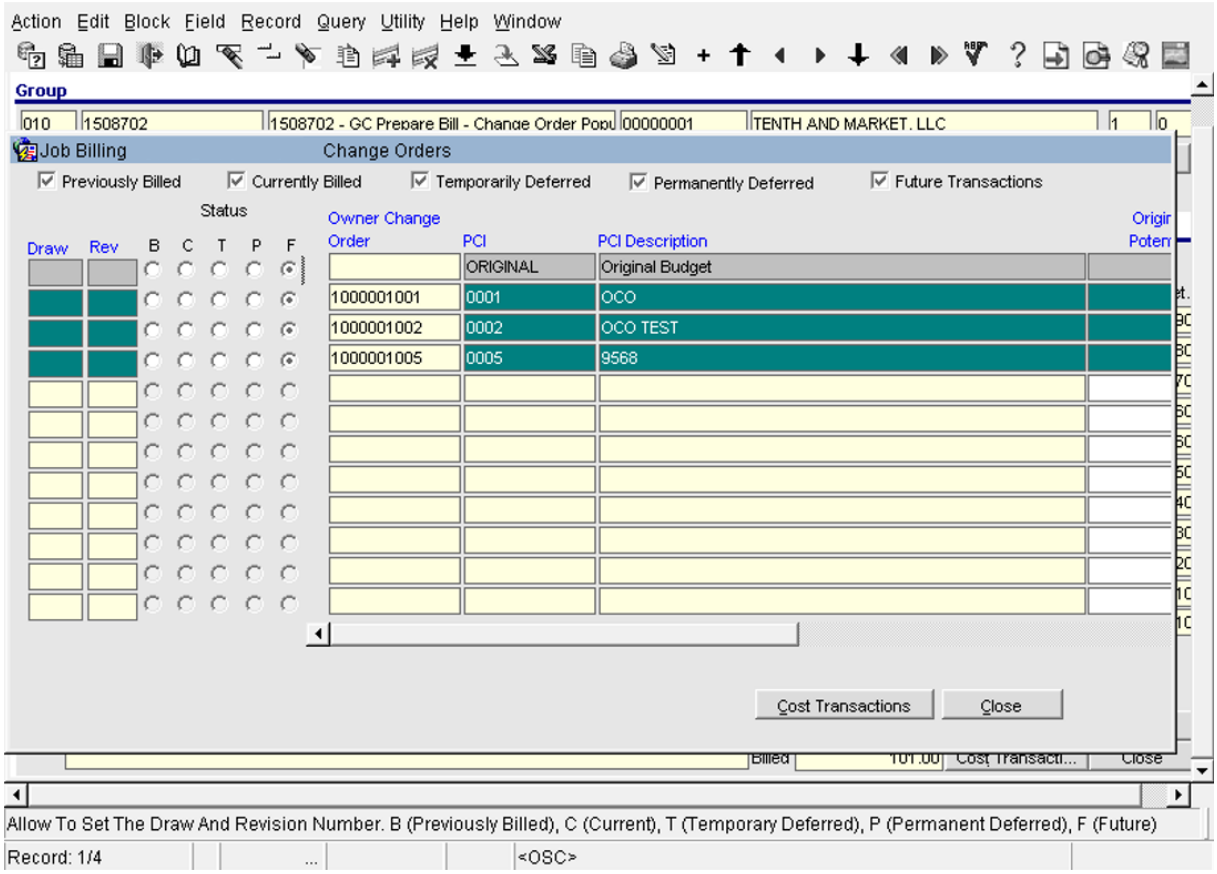

Action Edit Block Field Record Query Utility Help Window
Job Billing
G/C Prepare Bill
Company
Company 010
Show Zero Lines
Show NR Bill Types
Group
Job 1508702
1508702 - GC Prepare Bill - Change Order Popu
Billing Date 01-DEC-2015
Type Draw
Contract 1508702
1508702 - GC Prepare Bill - Change Order Popu
Due Date 31-DEC-2015
Draw 1
Customer 00000001
TENTH AND MARKET, LLC
Period Ending Date 30-NOV-2015
Revision 0
Invoice Desc
Contract Currency US Dollars
Status Unapproved
Billing Budget Differs From Contract Budget
Combined
Original
Changes
Add Bill Codes
Update Budget
ReCalc. Billings
Generate
Print Draft
Print
Invoice Format 1701
Delete Billing
Budg. Billing Amt 1,300,000.00
Max Billing Amt
Previous Draws
Current Draw
Total To Date
Cost 0.00 9,459.00 9,459.00
% Complete 0.00 0.47 0.47
Billed 0.00 6,049.00 6,049.00
Materials Stored 0.00 0.00 0.00
Completed & Stored 0.00 6,049.00 6,049.00
Retainage 0.00 604.90 604.90
Retainage Released 0.00 0.00 0.00
Accept Override Value
Group 1 Summary
Group 2 Summary
Group 3 Summary
Group 4 Summary
Group 5 Summary
Bill Code Detail
Cost Transactions
PCI
Customer Code As Used By Accounts Receivable.
Record: 1/1
<OSC>



G/C Prepare Billing > PCI pop-up screens

Added ‘Owner Change Order’ column to display the OCO# associated with the PCI detail.


Action Edit Block Field Record Query Utility Help Window
Job Billing · G/C Prepare Bill
Company
Company 010
Show Zero Lines
Show NR Bill Types
Job Billing
Change Orders
Previously Billed
Currently Billed
Temporarily Deferred
Permanently Deferred
Future Transactions
Status
Draw
Rev
B
C
T
P
F
Owner Change Order
PCI
PCI Description
ORIGINAL
Original Budget
1000001001
0001
OCO
1000001002
0002
OCO TEST
1000001003
0003
CTO
1000001004
0004
OCO
1000001005
0005
9568
0006
OCO6
0007
NO OCO
Cost Transactions
Close
Record: 2/8
<OSC>



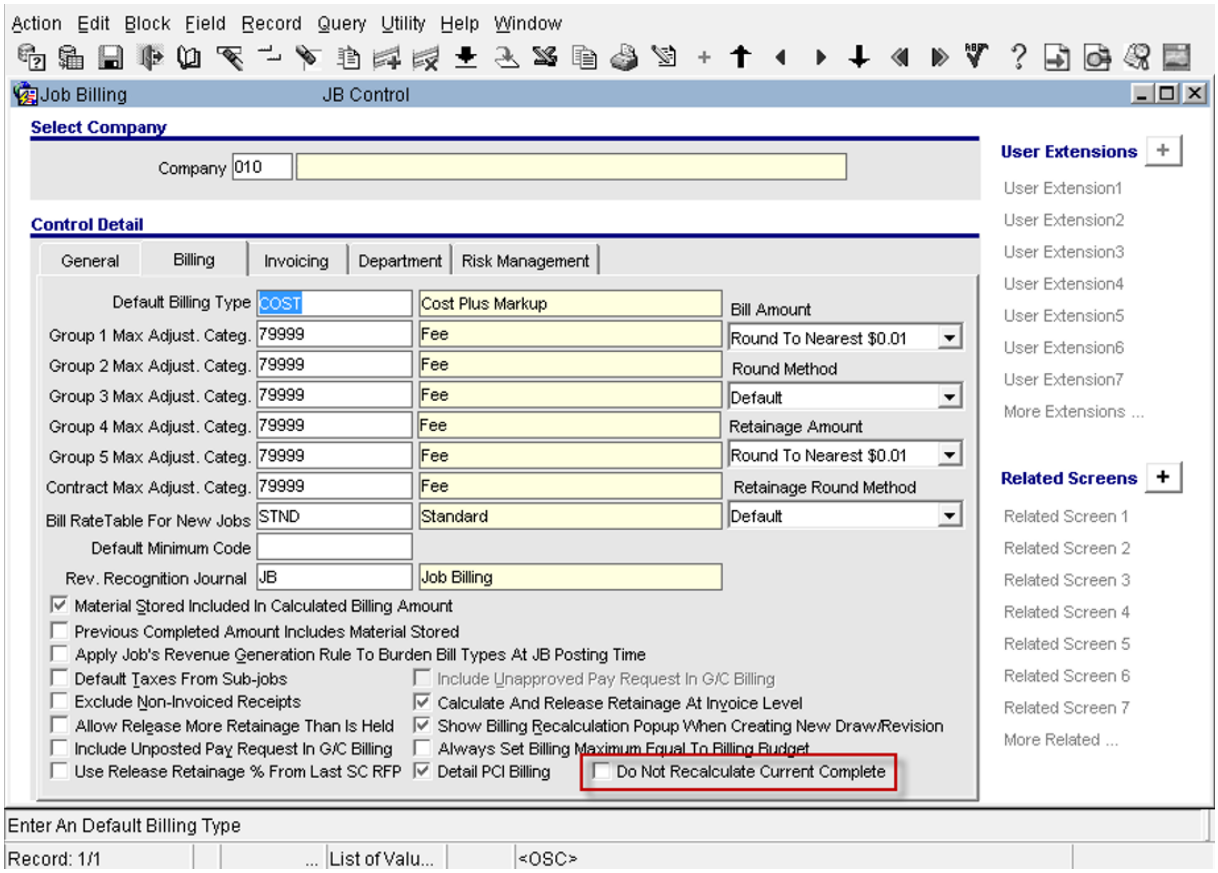
Added a flag ‘Do NOT Recalculate Current Complete’ to

JB Control > Billing Tab. This serves as default to Billing Contract Entry screen

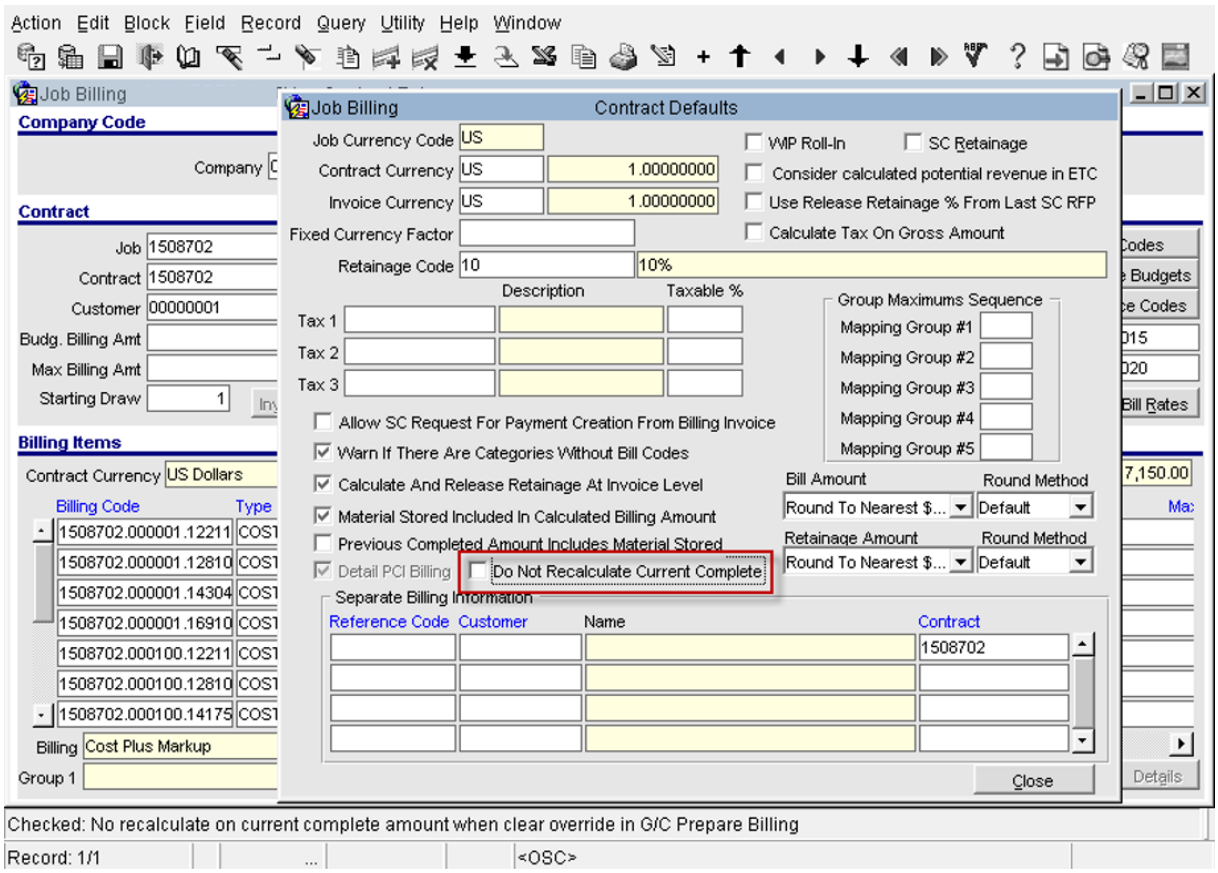
JB Contract Entry > Defaults Tab. This flag defaulted from the control file may be overridden as needed.

The default value is set as ‘N’ (un-checked). The existing functionality applies in this state.

When checked, the ‘Clear Overrides’ function when performed, the Current Complete column values will NOT be recalculated, but set to same as the ‘Cost Column’ values. Also, this is applicable only to ‘COST’ type billcodes.

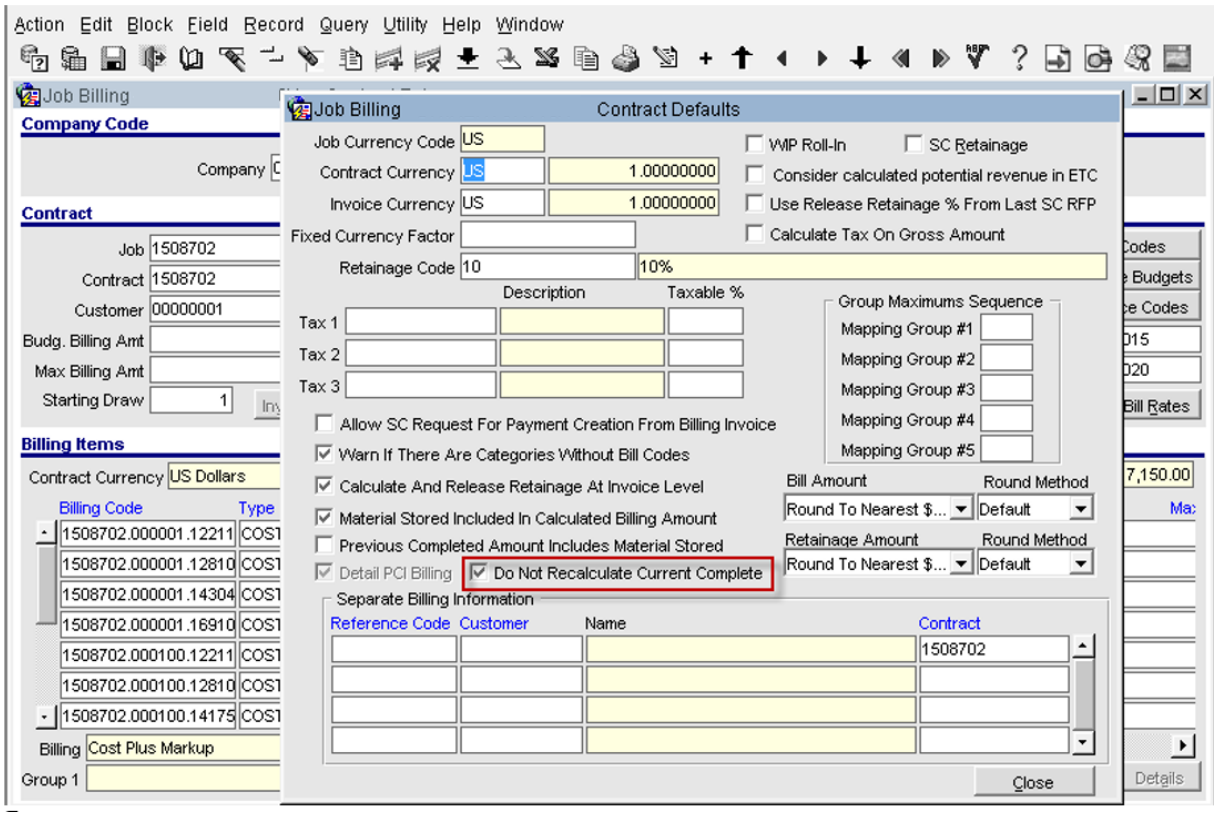


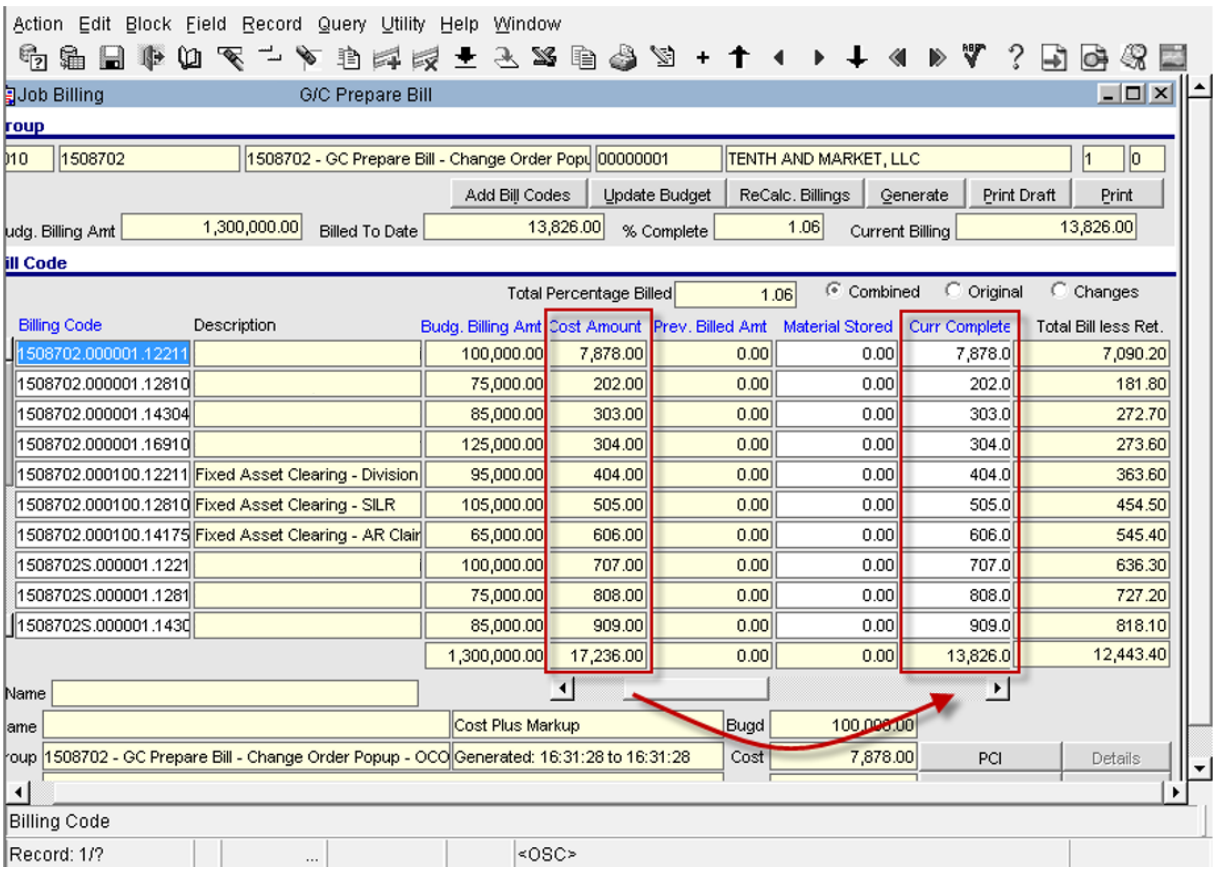
JB Control > Billing Tab



JB Contract Entry > Defaults Tab

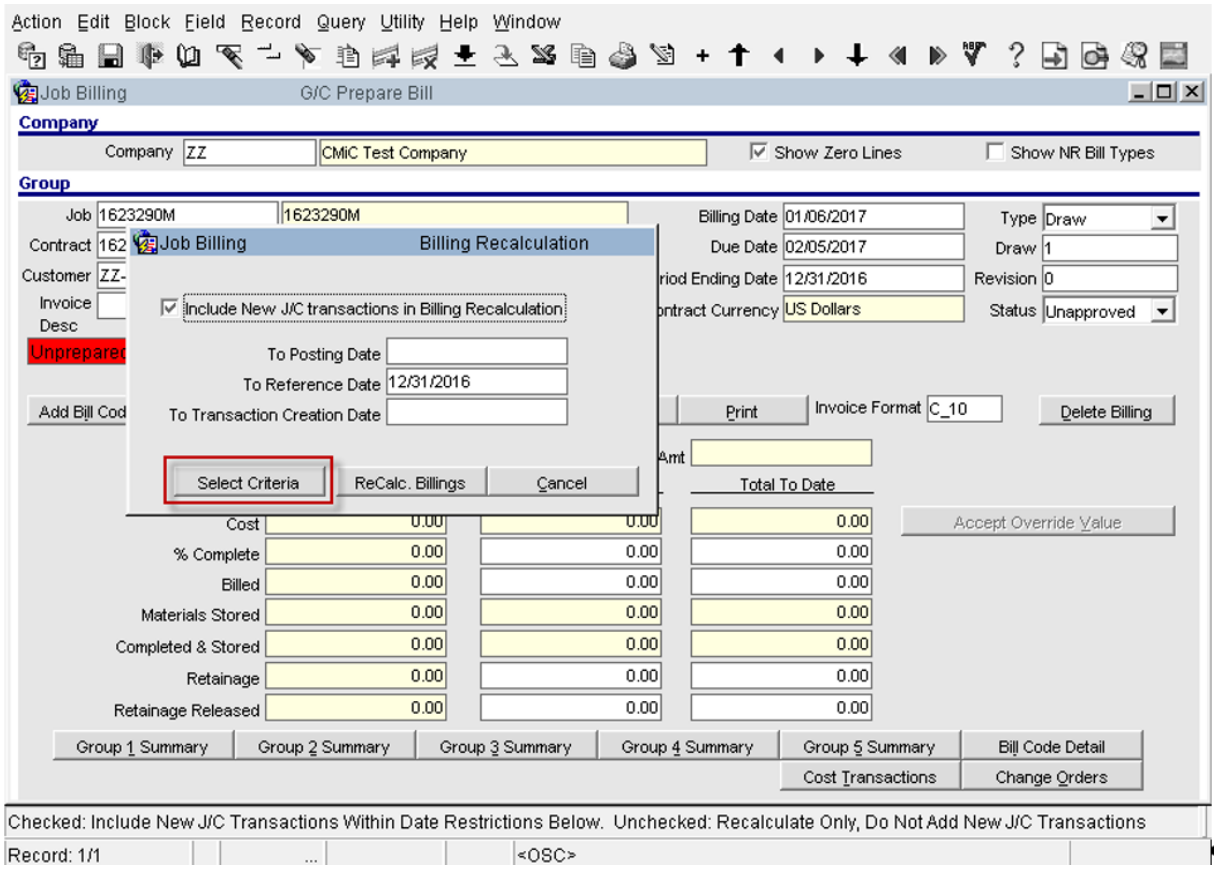
When the flag is checked, when ‘clear overrides’ is performed, the ‘Cost Amount’ column will be copied to the ‘Current Completed’ column for all ‘COST type lines only.


Action Edit Block Field Record Query Utility Help Window
Job Billing
Company Code
Company
Contract
Job 1508702
Contract 1508702
Customer 00000001
Budg. Billing Amt
Max Billing Amt
Starting Draw 1
Billing Items
Contract Currency US Dollars
Billing Code
Type
1508702.000001.12211 COST
1508702.000001.12810 COST
1508702.000001.14304 COST
1508702.000001.16910 COST
1508702.000100.12211 COST
1508702.000100.12810 COST
1508702.000100.14175 COST
Billing Cost Plus Markup
Group 1
Job Billing
Contract Defaults
Job Currency Code US
Contract Currency US 1.00000000
Invoice Currency US 1.00000000
Fixed Currency Factor
Retainage Code 10 10%
WIP Roll-In
SC Retainage
Consider calculated potential revenue in ETC
Use Release Retainage % From Last SC RFP
Calculate Tax On Gross Amount
Description
Taxable %
Tax 1
Tax 2
Tax 3
Group Maximums Sequence
Mapping Group #1
Mapping Group #2
Mapping Group #3
Mapping Group #4
Mapping Group #5
Allow SC Request For Payment Creation From Billing Invoice
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
Do Not Recalculate Current Complete
Bill Amount
Round To Nearest $...
Round Method
Default
Retainage Amount
Round To Nearest $...
Round Method
Default
Separate Billing Information
Reference Code
Customer
Name
Contract
1508702
Close
Codes
Budgets
Codes
015
020
Bill Rates
7,150.00
Details


Action Edit Block Field Record Query Utility Help Window
Job Billing G/C Prepare Bill
roup
010 1508702 1508702 - GC Prepare Bill - Change Order Popu 00000001 TENTH AND MARKET, LLC 1 0
Add Bill Codes Update Budget ReCalc. Billings Generate Print Draft Print
udg. Billing Amt 1,300,000.00 Billed To Date 13,826.00 % Complete 1.06 Current Billing 13,826.00
ill Code
Total Percentage Billed 1.06 Combined Original Changes
Billing Code Description Budg. Billing Amt Cost Amount Prev. Billed Amt Material Stored Curr Complete Total Bill less Ret.
1508702.000001.12211 100,000.00 7,878.00 0.00 0.00 7,878.0 7,090.20
1508702.000001.12810 75,000.00 202.00 0.00 0.00 202.0 181.80
1508702.000001.14304 85,000.00 303.00 0.00 0.00 303.0 272.70
1508702.000001.16910 125,000.00 304.00 0.00 0.00 304.0 273.60
1508702.000100.12211 Fixed Asset Clearing - Division 95,000.00 404.00 0.00 0.00 404.0 363.60
1508702.000100.12810 Fixed Asset Clearing - SILR 105,000.00 505.00 0.00 0.00 505.0 454.50
1508702.000100.14175 Fixed Asset Clearing - AR Clair 65,000.00 606.00 0.00 0.00 606.0 545.40
1508702S.000001.1221 100,000.00 707.00 0.00 0.00 707.0 636.30
1508702S.000001.1281 75,000.00 808.00 0.00 0.00 808.0 727.20
1508702S.000001.1430 85,000.00 909.00 0.00 0.00 909.0 818.10
1,300,000.00 17,236.00 0.00 0.00 13,826.0 12,443.40
Name
ame Cost Plus Markup Bugd 100,000.00
roup 1508702 - GC Prepare Bill - Change Order Popup - OCO Generated: 16:31:28 to 16:31:28 Cost 7,878.00 PCI Details
Billing Code
Record: 1/? ... <OSC>

Calculate Billing for selected Job/Phase/Category (16.23290)

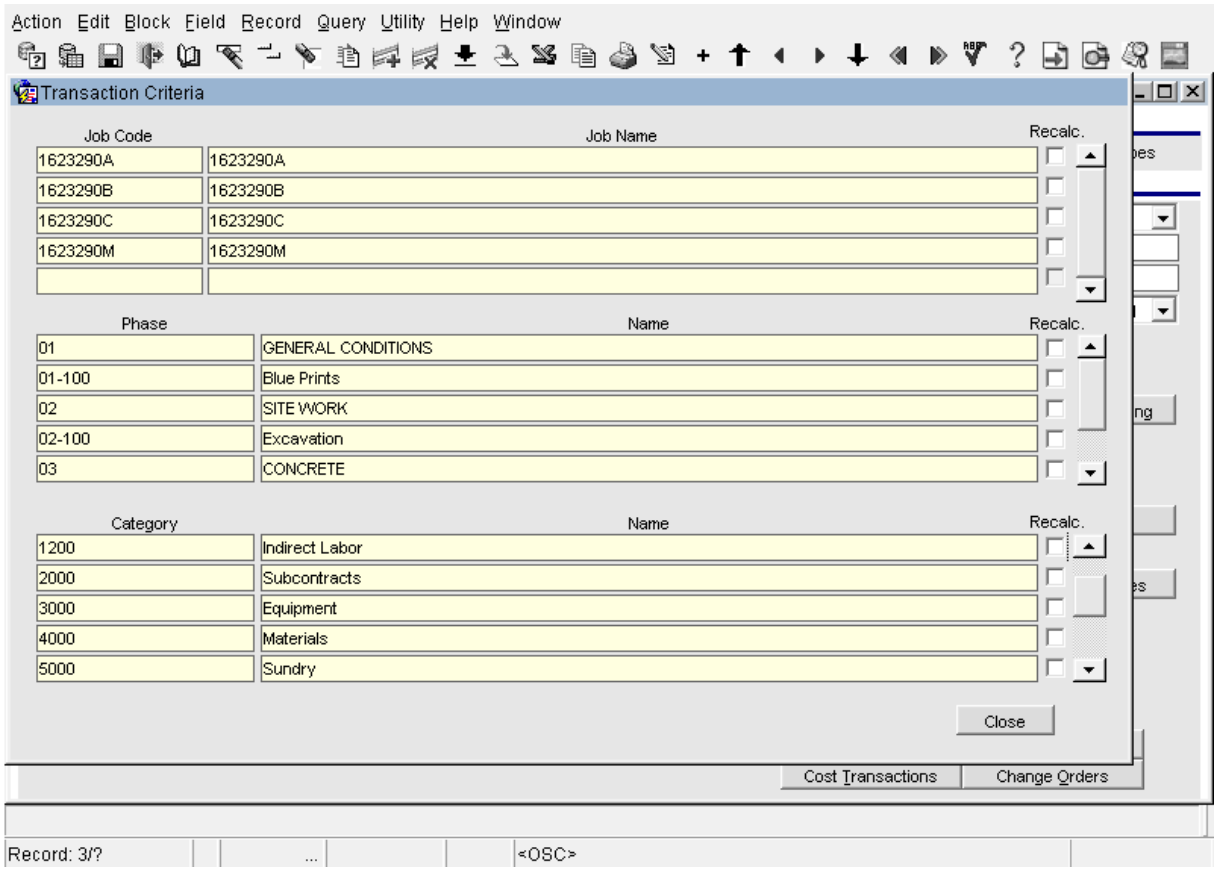
Modifications:



G/C Prepare Billing

The Billing Recalculation pop-up is modified with a button **[Select Criteria].**

When this button is pressed, the system opens a 'Transaction Criteria' pop-up screen as shown below.



G/C Prepare Billing > Recalculate Billings > Select Criteria

There are three blocks of display records with a checkbox for user's selection against each record. The default value for the selection check boxes is Un-Checked (N).

Job Code

The Job Code block displays all the jobs that share the same contract code. Users may select (checked) one or more jobs, or leave as unselected (Un-Checked) for recalculation.

Phases

The Phase block displays all the phases including controlling phases codes that are assigned to any or all the jobs under this contract. Users must understand that the explicit selection of the phase records is required to include a billcode for recalculation.

Selecting a controlling phase alone does NOT mean that all the sub-phases are automatically included in recalculation. For example, selecting the phase 01 will do nothing, as there are no categories directly assigned to that phase in any of the jobs. Users must select the phase 01-100 to include the billcodes with this phase for recalculation.

Categories

The Category block displays all categories including any controlling categories that are assigned to any or all the jobs. Here again users must explicitly select any category that needs to be included in recalculation.

How to use the 'Select Criteria' pop-up screen?

Users must have through understanding on the Billing Recalculation popup functionality.

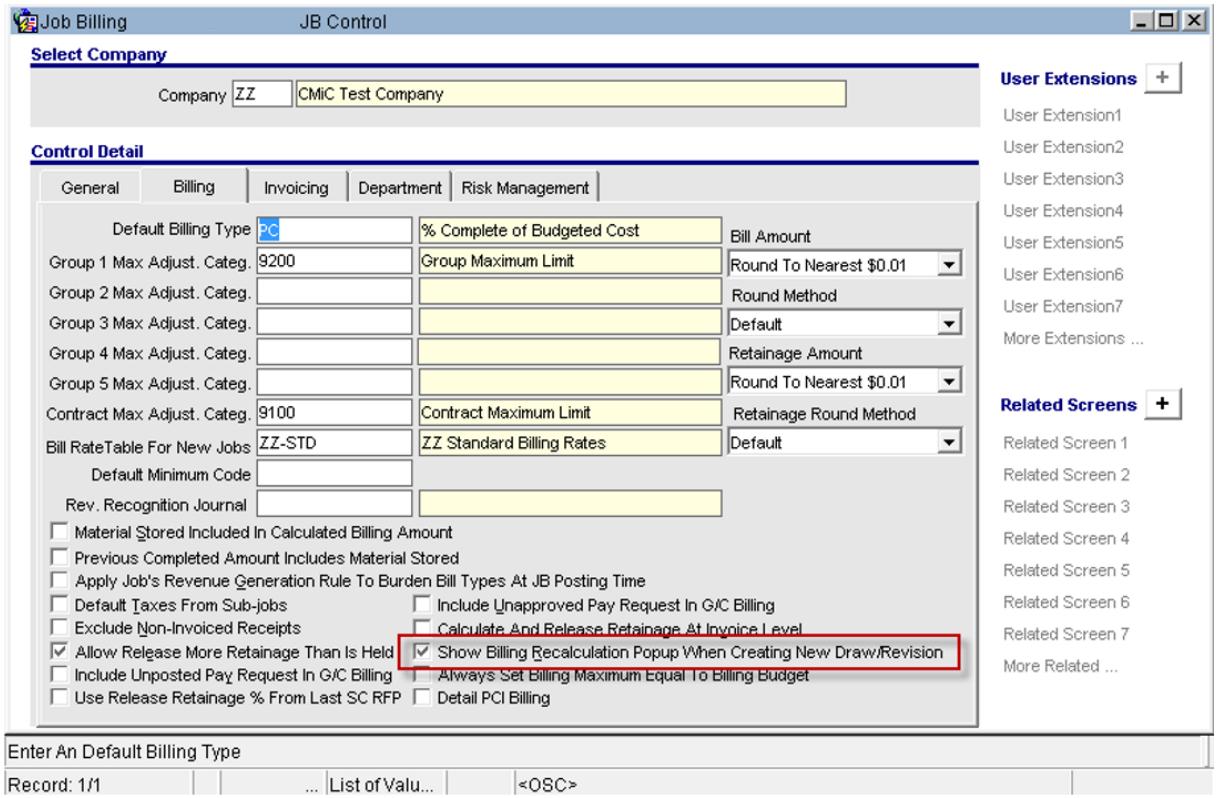
There is a JB Control File flag **'Show Billing Recalculation Popup When Creating New Draw/Revision'.**

Un-Checked: When creating a New draw, system will NOT show the recalculation popup and hence all the billcodes will be considered as per the 'Period Ending' date parameter and users will NOT be able to control using the new 'Select Criteria' popup

If required to recalculate only on a specific job/phase/cat, then users have to delete the draw and then recreate with the Billing Recalculation popup and then open the criteria pop-up for selection.

Checked:

When creating a new Draw, the Billing Re-calculation popup will show, where users may specify the 'Selection Criteria' to include only those required job/phase/cat.

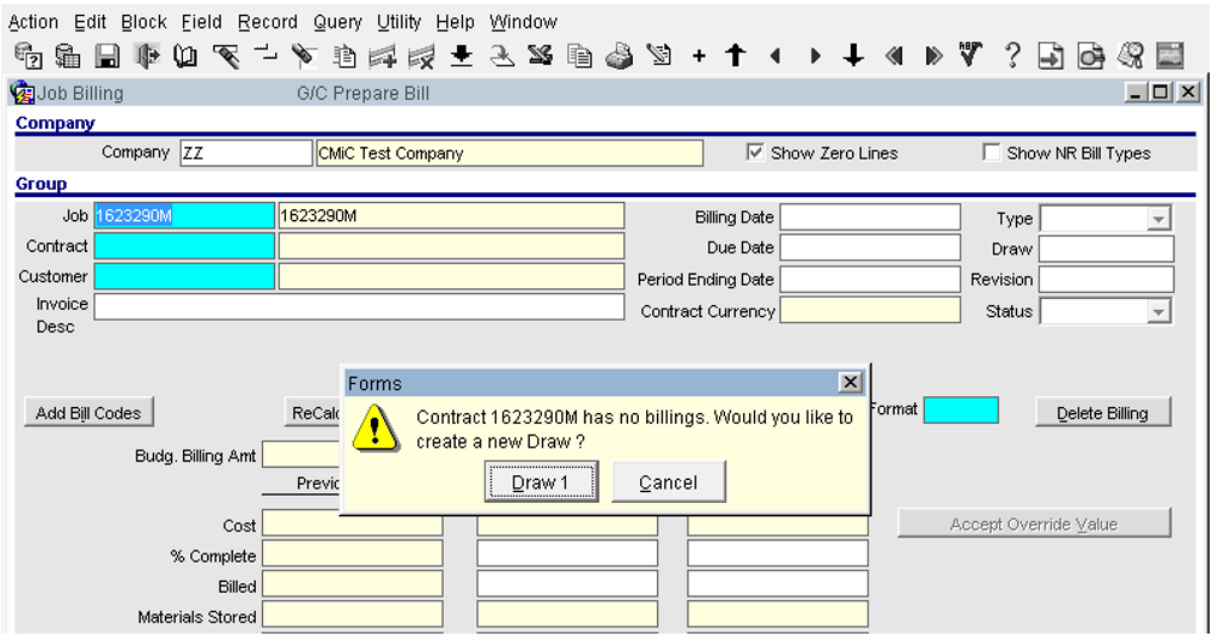


JB Control > Billing

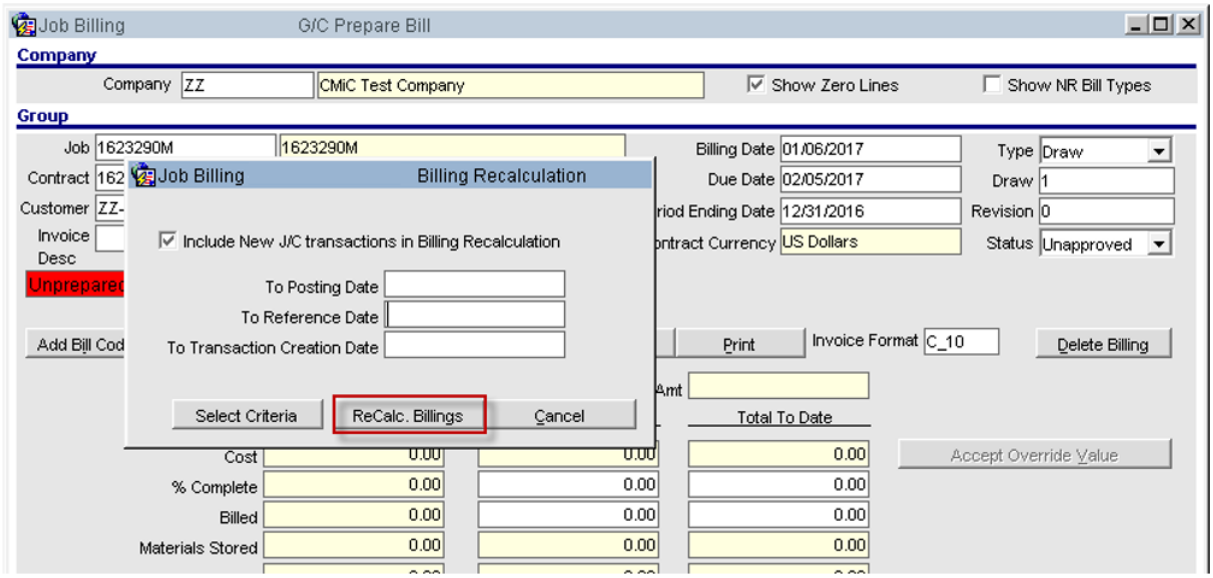
Implementation Details

When users do NOT open the 'Select Criteria' pop-up, then the existing standard functionality applies. The recalculation is performed for all jobs/phases/categories.

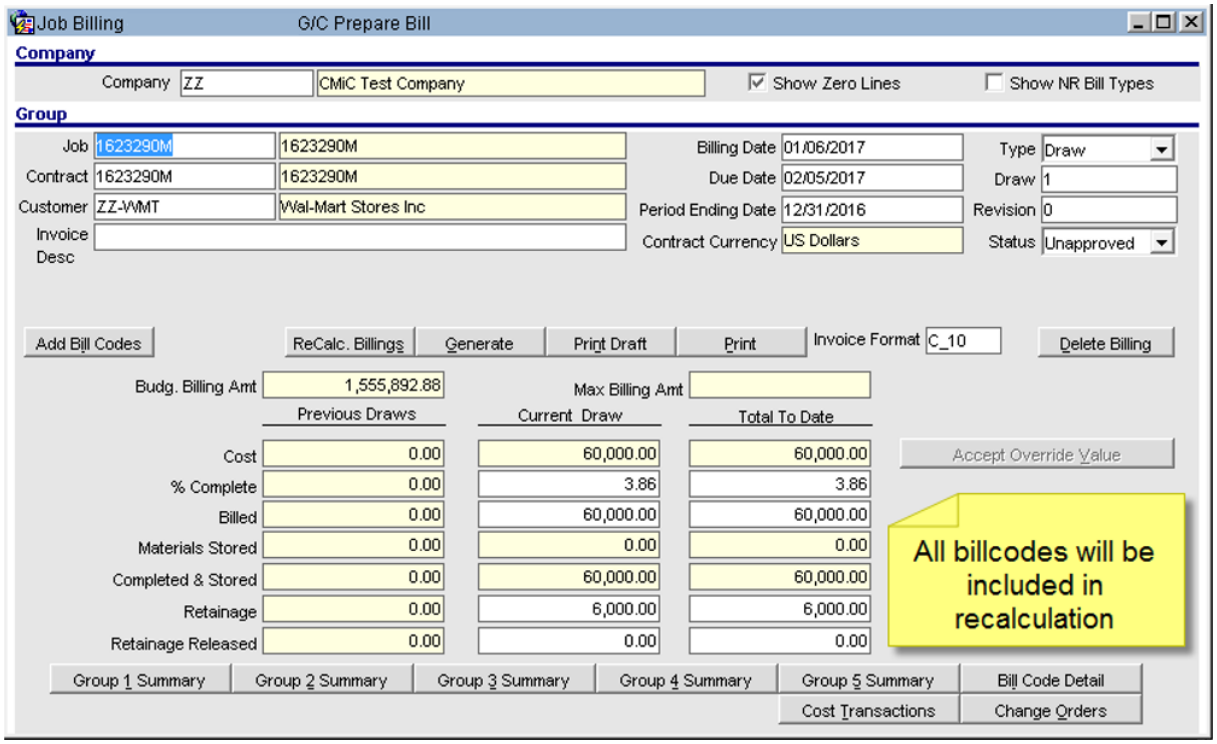
Example:



Create a New Draw



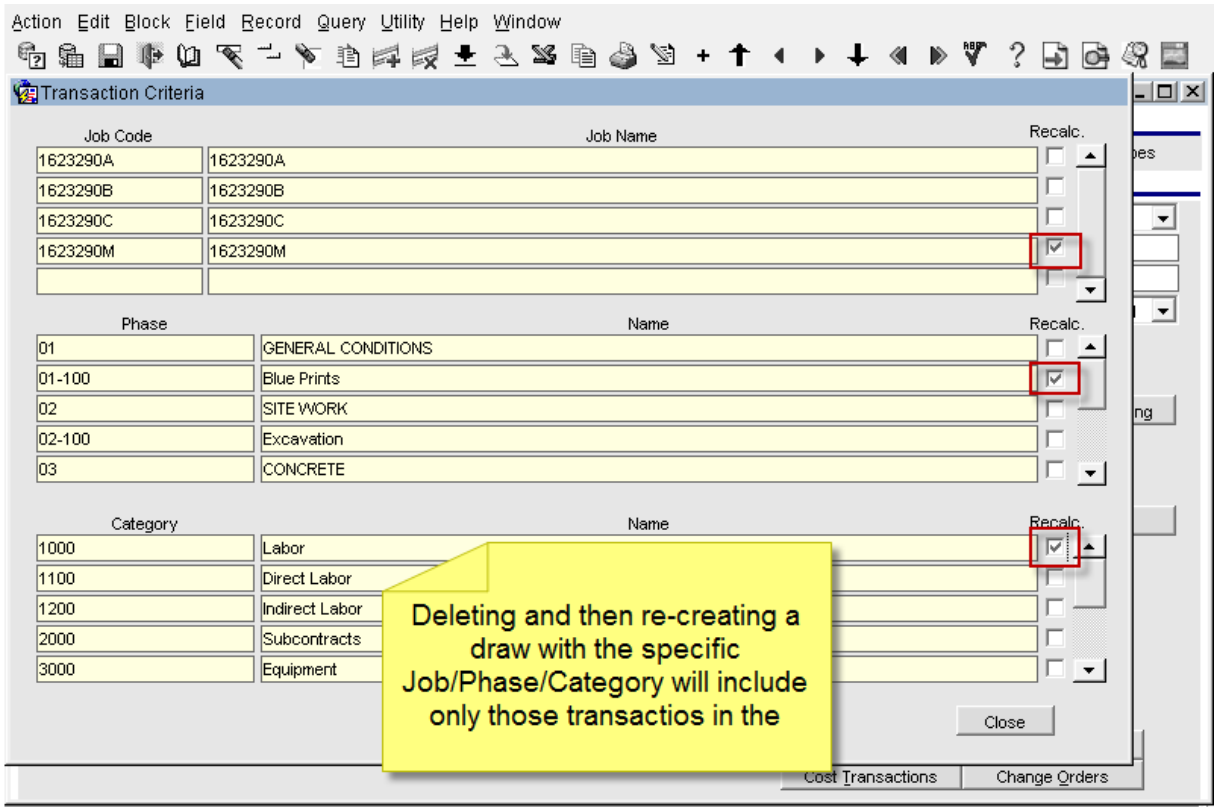
Recalculate Billings

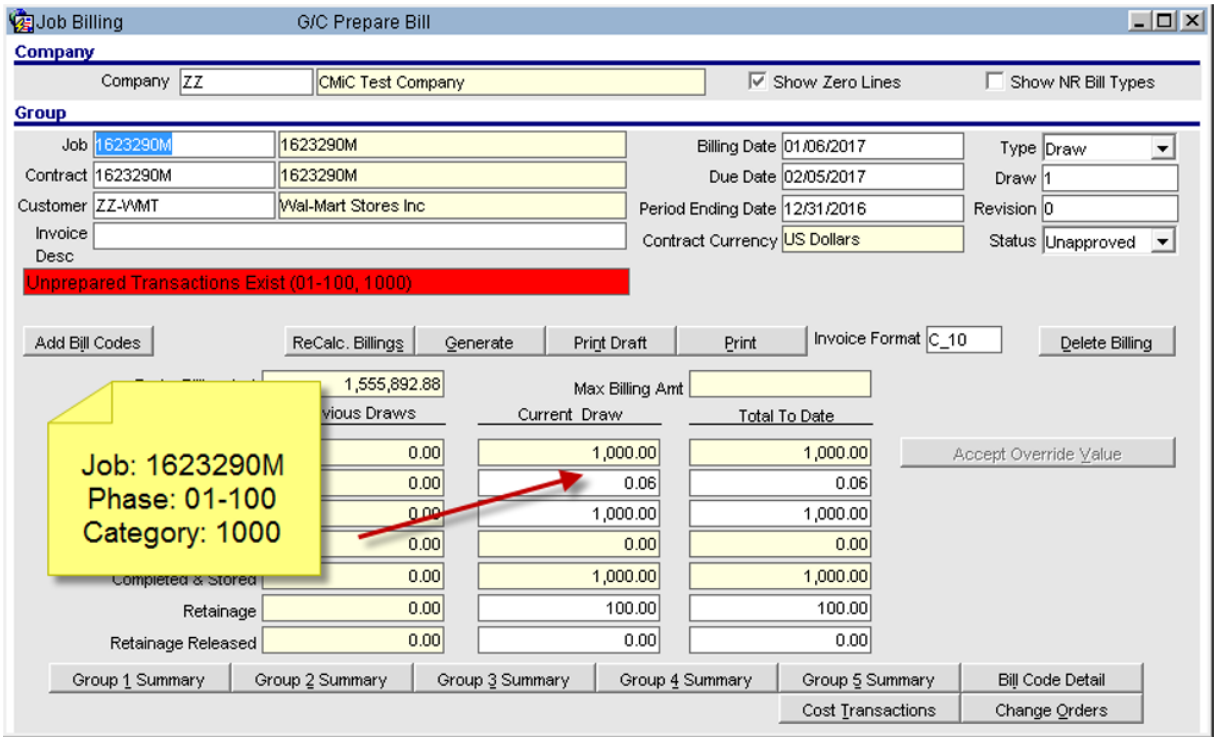


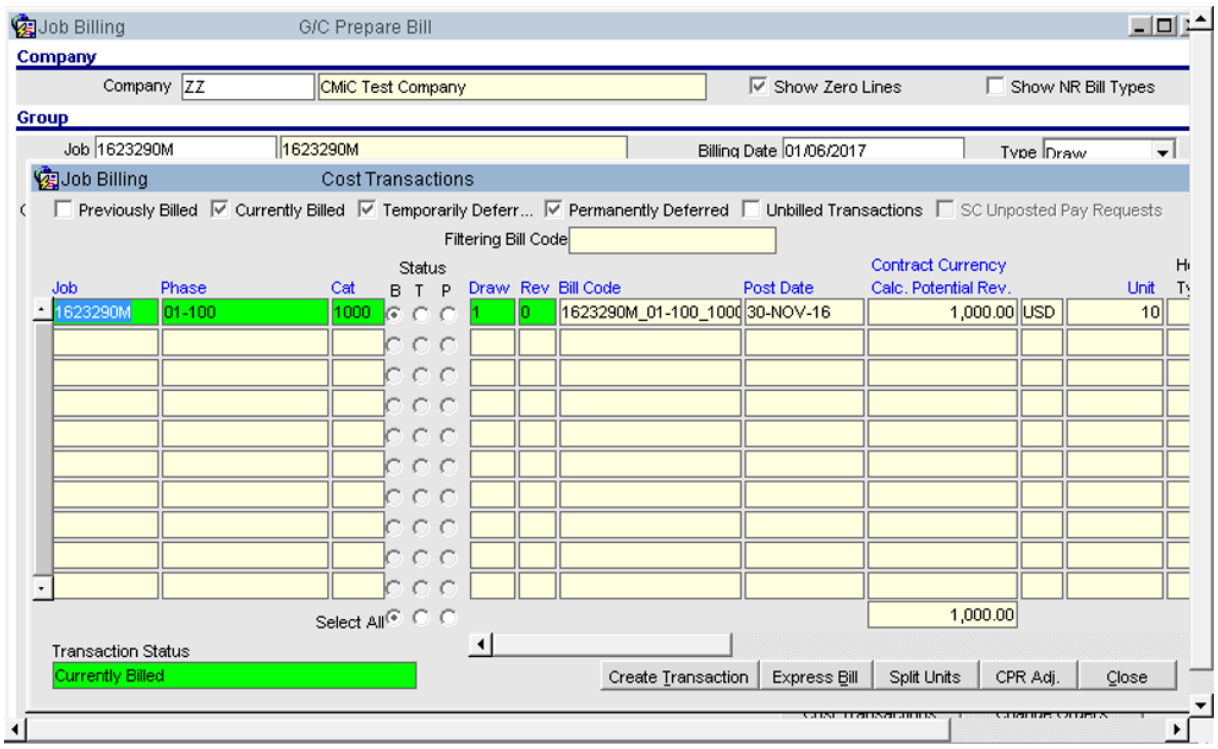
After Recalculation

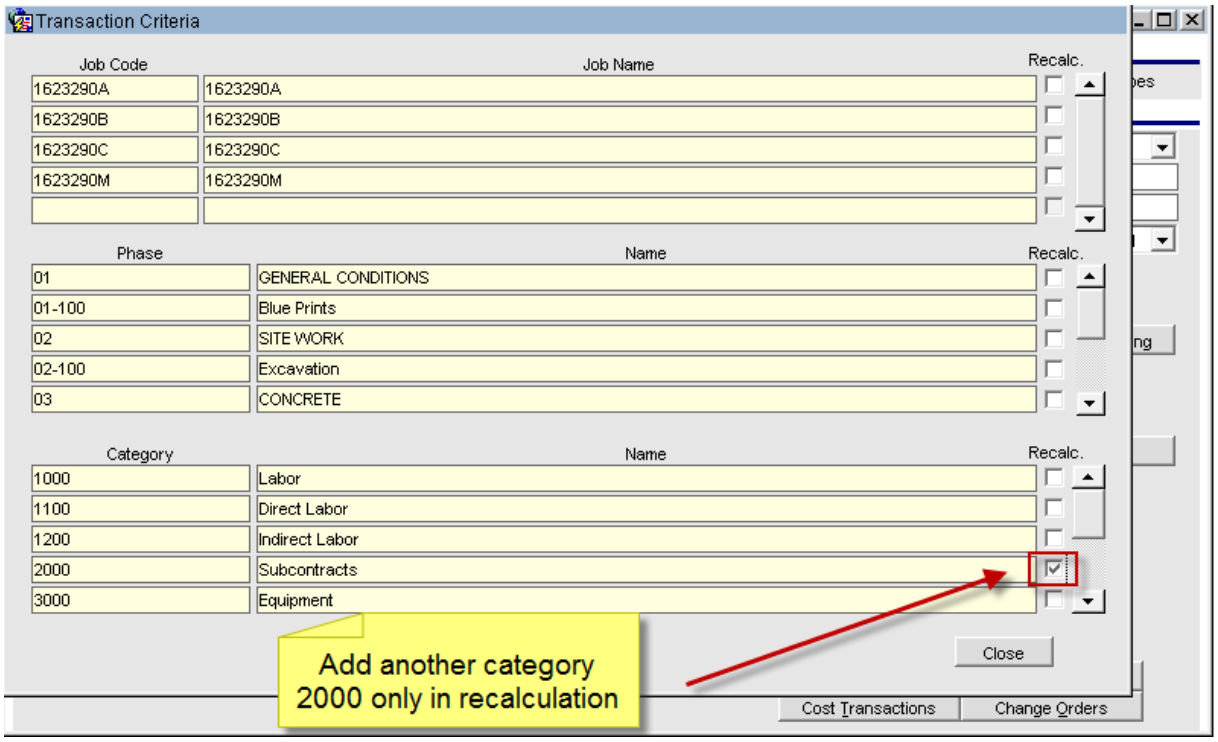
After this stage, any further ‘Recalculation’ with the ‘Selection Criteria’ of jobs/phases/categories controls specific billcodes for recalculation in addition to the already created draw.

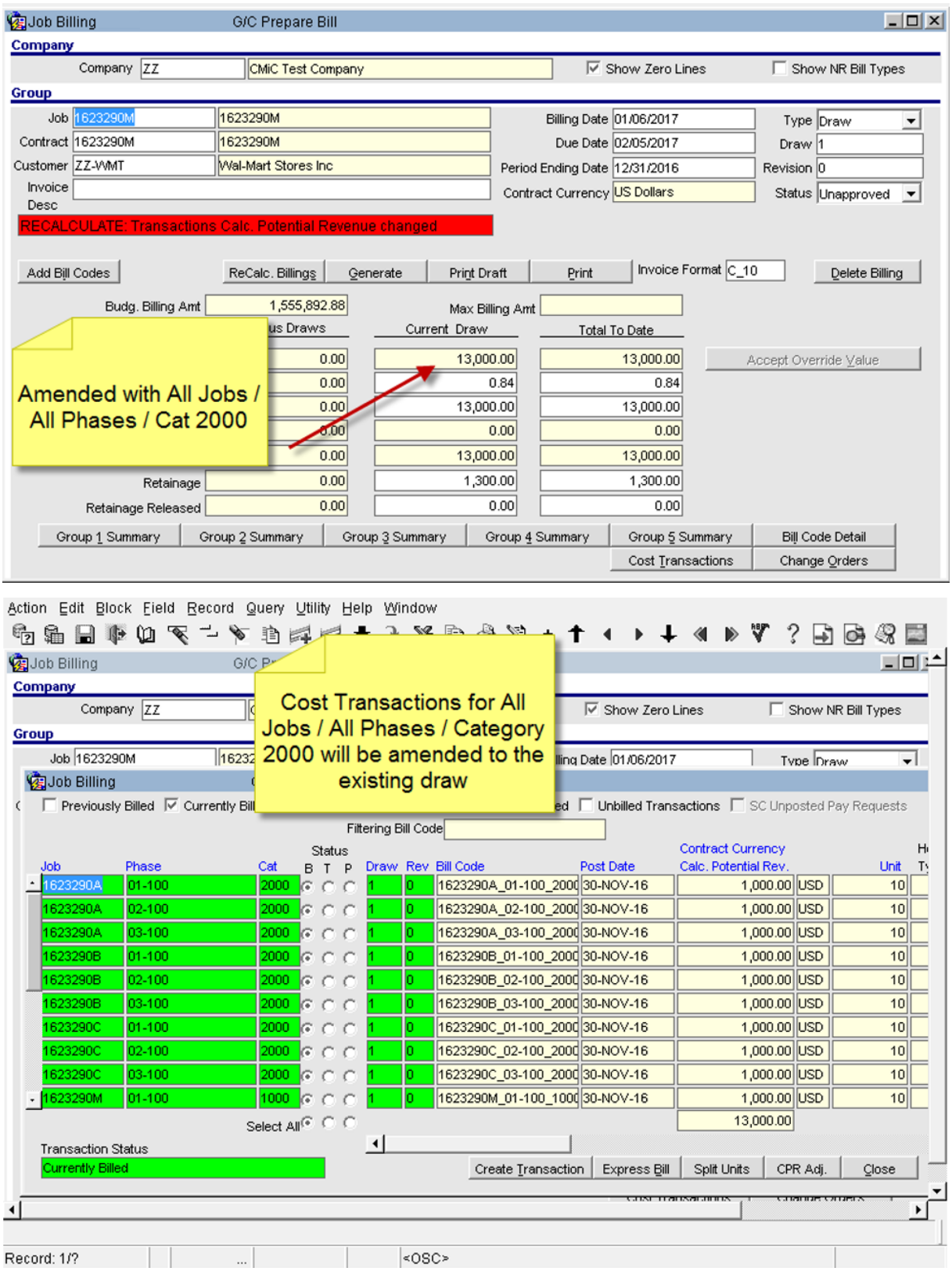
In order to remove an already included cost transaction from the billing draw, users have to either manually ‘Defer’ as per the standard functionality or delete the entire draw and recreate with specific filters applied.


Action Edit Block Field Record Query Utility Help Window
Transaction Criteria
Job Code
Job Name
Recalc.
1623290A
1623290B
1623290C
1623290M
Phase
Name
01
GENERAL CONDITIONS
01-100
Blue Prints
02
SITE WORK
02-100
Excavation
03
CONCRETE
Category
1000
Labor
1100
Direct Labor
1200
Indirect Labor
2000
Subcontracts
3000
Equipment
Deleting and then re-creating a draw with the specific Job/Phase/Category will include only those transactios in the
Close
Cost Transactions
Change Orders


Job Billing
G/C Prepare Bill
Company
Company ZZ
CMiC Test Company
Show Zero Lines
Show NR Bill Types
Group
Job 1623290M
1623290M
Contract 1623290M
1623290M
Customer ZZ-WMT
Wal-Mart Stores Inc
Invoice Desc
Billing Date 01/06/2017
Due Date 02/05/2017
Period Ending Date 12/31/2016
Contract Currency US Dollars
Type Draw
Draw 1
Revision 0
Status Unapproved
Unprepared Transactions Exist (01-100, 1000)
Add Bill Codes
ReCalc. Billings
Generate
Print Draft
Print
Invoice Format C_10
Delete Billing
1,555,892.88
Max Billing Amt
Current Draw
Total To Date
0.00
1,000.00
1,000.00
0.00
0.06
0.06
0.00
1,000.00
1,000.00
0.00
0.00
0.00
0.00
1,000.00
1,000.00
Retainage
0.00
100.00
100.00
Retainage Released
0.00
0.00
0.00
Accept Override Value
Job: 1623290M
Phase: 01-100
Category: 1000
Group 1 Summary
Group 2 Summary
Group 3 Summary
Group 4 Summary
Group 5 Summary
Bill Code Detail
Cost Transactions
Change Orders


Job Billing
G/C Prepare Bill
Company
Company ZZ
CMiC Test Company
Show Zero Lines
Show NR Bill Types
Group
Job 1623290M
1623290M
Billing Date 01/06/2017
Type Draw
Job Billing
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
1623290M
01-100
1000
1
0
1623290M_01-100_1000
30-NOV-16
1,000.00
USD
10
Select All
1,000.00
Transaction Status
Currently Billed
Create Transaction
Express Bill
Split Units
CPR Adj.
Close


Transaction Criteria
Job Code
Job Name
Recalc.
1623290A
1623290A
1623290B
1623290B
1623290C
1623290C
1623290M
1623290M
Phase
Name
Recalc.
01
GENERAL CONDITIONS
01-100
Blue Prints
02
SITE WORK
02-100
Excavation
03
CONCRETE
Category
Name
Recalc.
1000
Labor
1100
Direct Labor
1200
Indirect Labor
2000
Subcontracts
3000
Equipment
Add another category
2000 only in recalculation
Close
Cost Transactions
Change Orders



G/C Prepare Billing – Selection Criteria amendments as of 01-Mar-2017

Changes as per discussions in issue notes:

Add an ‘Accept’ button to the left of the Close button. ‘Accept’ saves the selection and ‘Close’ closes the window. There will also be a message if users do not ‘Accept’ before pressing the ‘Close’ button that essentially says... "Are you sure you want to close without saving your changes?"

The Phase/Categories must NOT list controlling phases/categories as they may confuse the users. But they must be available, if transactional level details exist

Implementation:

Pressing the ‘Selection Criteria’ button opens the ‘Transaction Criteria’ pop-up screen.

Three blocks of data records are displayed with a ‘Recalc’ check box against each row. Default value is un-checked.

3. Job Code
4. Phase
5. Category

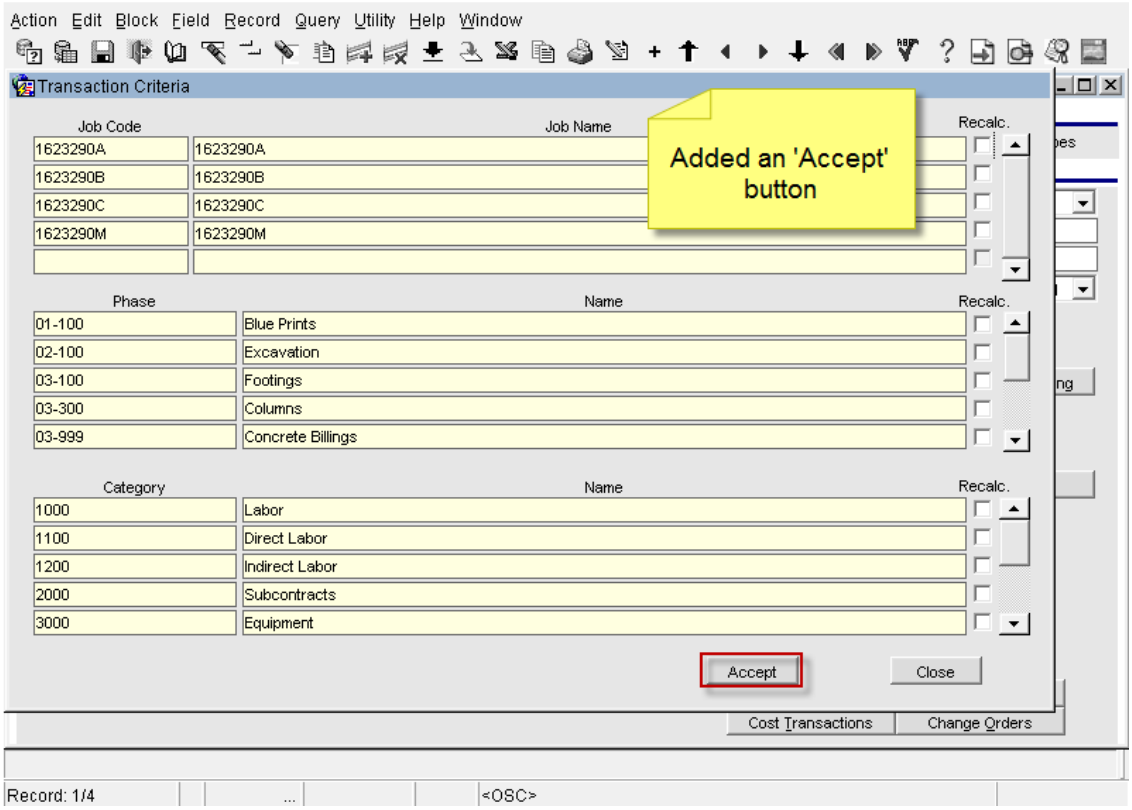
The phases & categories blocks will show all distinct records from all the jobs.

Users may select any number of rows from any of the blocks, or leave one or many or ALL records un-checked.

When NO record is selected in a block, the system assumes as ‘ALL’ and all rows will be considered in transaction selection.

When one or more records from a block is selected, then the selected rows will only be included in the selection.

The program will logically select all the transactional data, as per the Job/Phase/Category selections.

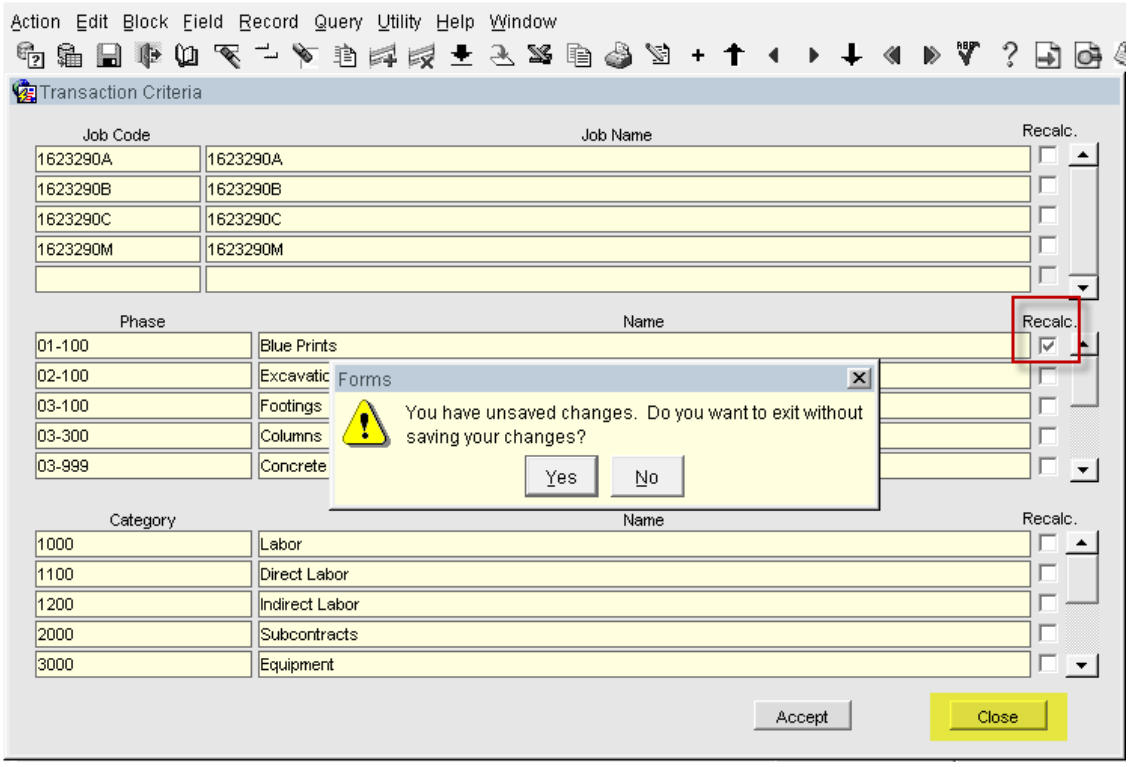


'Accept / Close' buttons functionality:

No records Selected – Accept / Close buttons will simply close the pop-up and get back to the Recalculation pop-up. This is because when nothing selected, system assumes 'ALL' included in the selection criteria and hence no explicit confirmation required.

When one or many records selected:

- 'Accept' button will close the popup and goes back to recalculation popup. The selected records will be used in the selection criteria for transactions.
- 'Close' button will pop-up a confirmation message for closure.
- 'Yes' will close the popup without saving any changes and recalculation will simply recalculate 'All'
- 'No' will allow the user to review the selections criteria and update as required.



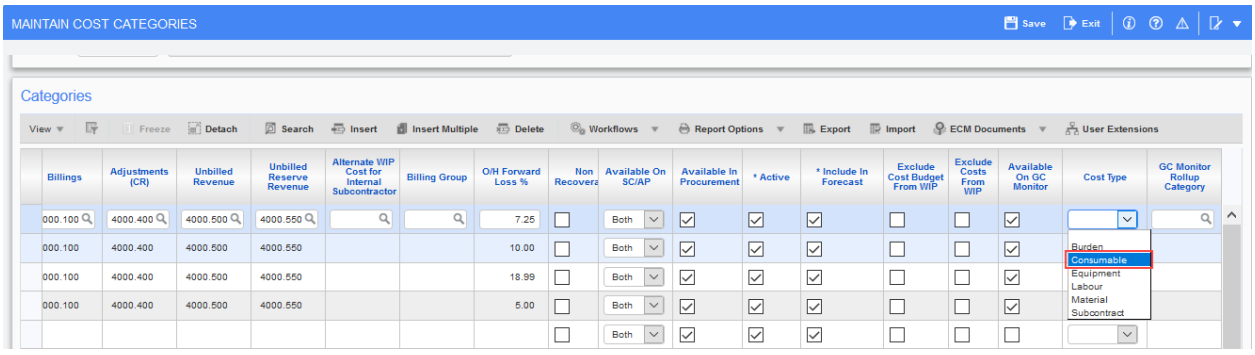
Phase / Category List:

The Phase Category list excludes the Controlling Phases & Categories to avoid any confusion to users. The above screen shows say for example the phase 01-100. The controlling phase '01' is not listed. Whereas, the initial screen prints in the beginning of this document shows 'controlling' phase & categories as well.

The controlling phases / categories may be available only when transactional data exists against the same.

Requested Cost Type - Consumables (18.66427)

Added a new Cost Type 'Consumables' to the Maintain Categories screen.

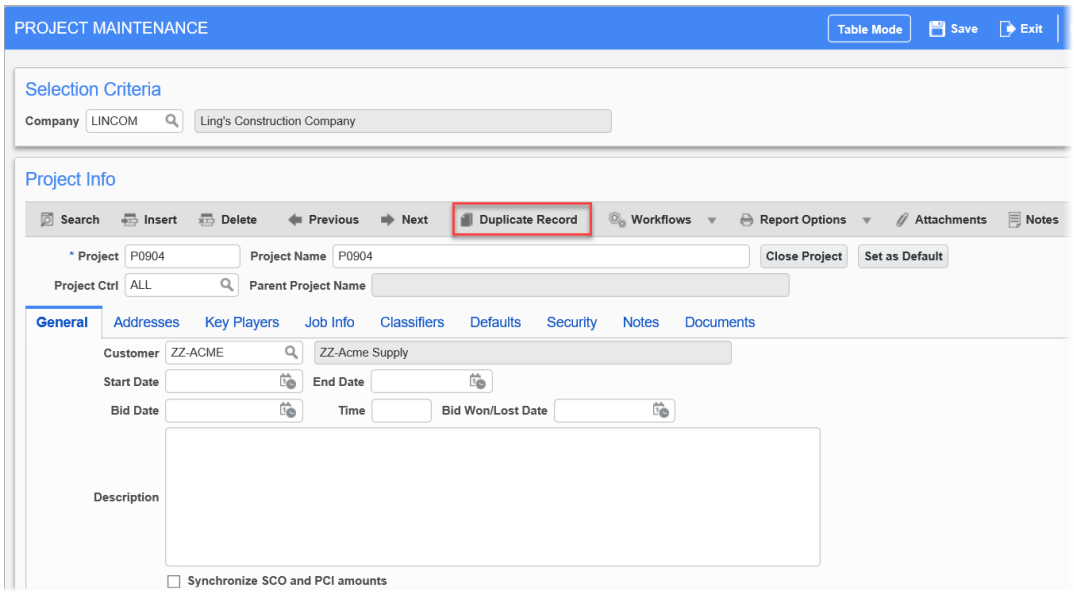


JC Inter Branch Report (JC3000) Jasper conversion (19.81557)

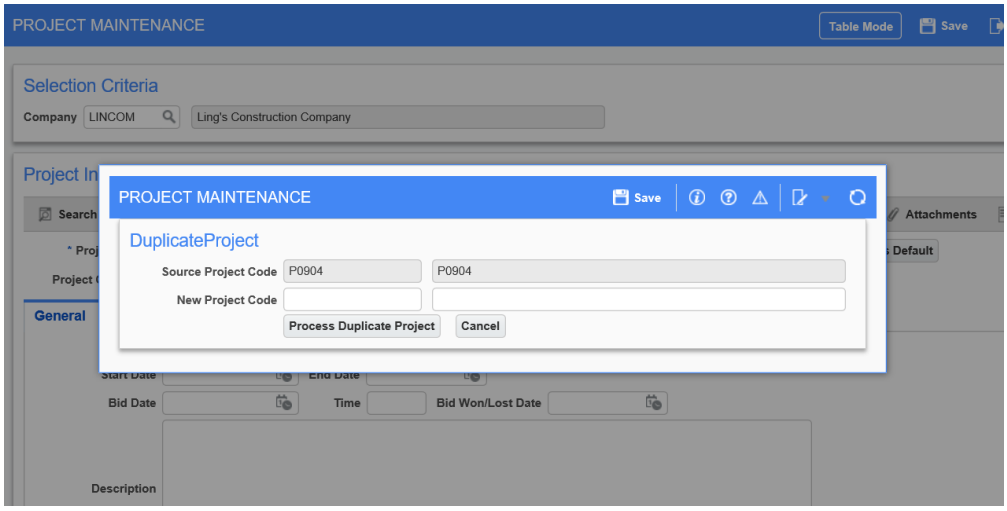
JC Inter Branch Report (JC3000) is now converted into Jasper Reports.

Add “Duplicate Record” button to Project Maintenance Tool Bar in ADF (18.48366)

Project maintenance provided with “Duplicate Record” button in tool bar to duplicate existing project.

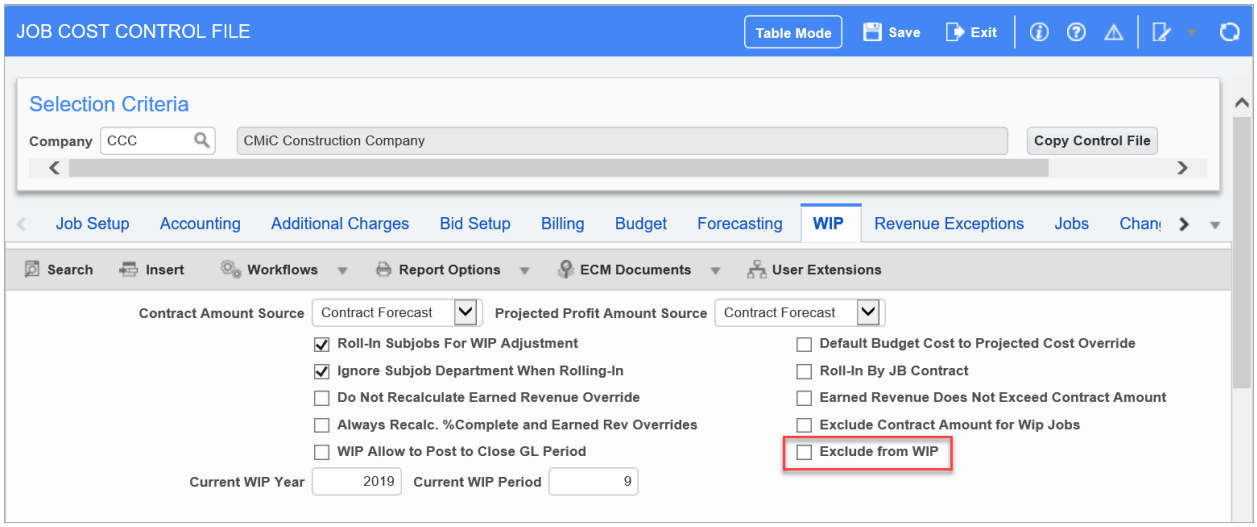


Upon clicking “Duplicate Record” button, a pop-up window shows. User can enter new project code and name, and process with duplication.

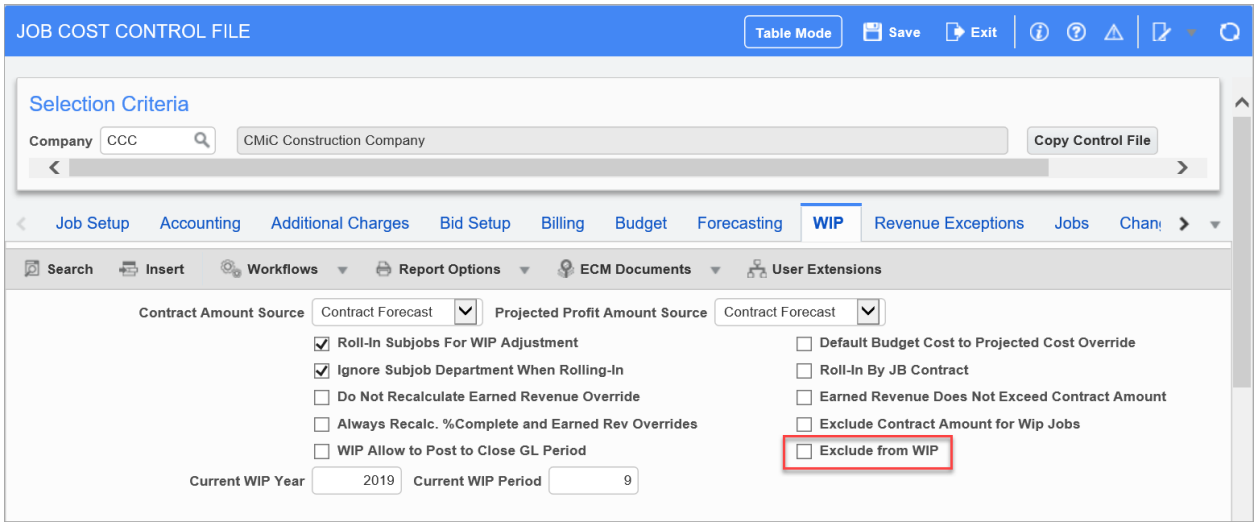


JC Control Exclude from WIP flag (19.80194)

Add a new flag "Exclude from WIP" to JC Control File. It will be hidden in ADF and the user will be able to add it manually. The default value of the flag will be 'N' to maintain existing functionality.



Modify a trigger of table JCJOB_TABLE to default the value of the new flag 'Exclude From WIP' from JC Control File. It will be done regardless of the source of creation.



This new functionality will work only for new Jobs, existing jobs will not be updated.

This change will be made only in ADF program R12.

Ability to Define Overhead Cost Code (19.91112)

Added the ability to define ‘Overhead Cost Code’ along with the existing Overhead Category for the purpose of posting Overhead Charges to a job.

Modifications

- Added a field, ‘Default Overhead Cost code” in ‘Additional Charges’ tab in JC control file.
- Also added a column ‘Overhead Cost Code’ in ‘Assign Overhead Cost Rates’ screen.

Existing Functionality for posting JC Overhead Cost

The Overhead Cost will be posted to the transaction cost code/overhead category defined in the ‘Assign Overhead Cost Rate’ Maintenance program. When the category is NULL, then the JC Control > default Overhead Category will be used.

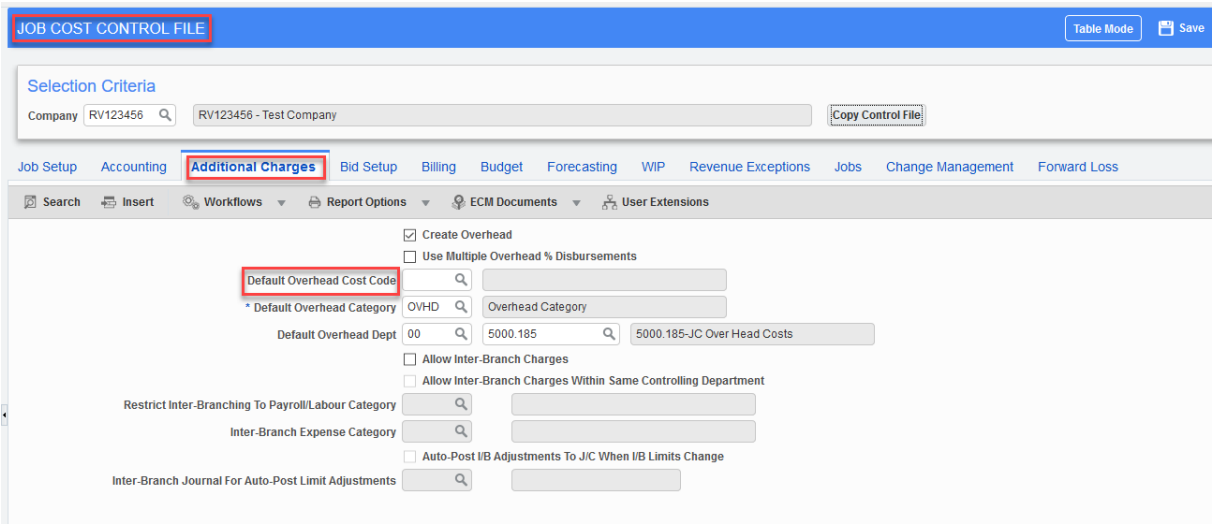
Users do NOT have the ability to choose a specific cost code to post the overhead charges.

Modified Functionality for Posting JC Overhead Cost

- If Overhead Cost Code is defined in 'Assign Overhead Cost Rate' maintenance program, then JC Transaction posting will post overhead cost to the specified cost code.
- When left as NULL, then the default 'Overhead Cost Code' defined in JC Control file will be used.
- If the default 'Overhead Cost Code' both in JC Control and in 'Assign Overhead Cost Rate' maintenance programs are left NULL, then the overhead cost will be posted to the transaction cost code. This is the existing functionality prior to the modification.

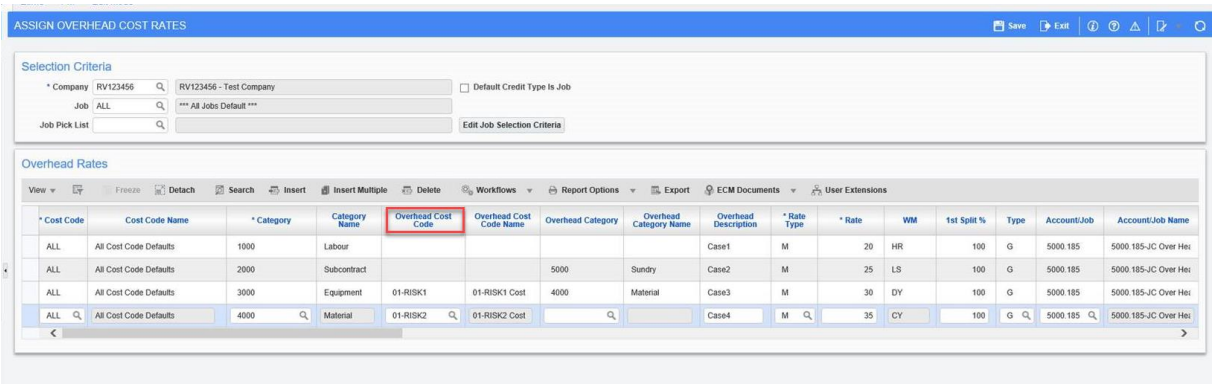
The following screen shows the modifications performed.

The 'Default Overhead cost code' is the new field defined in the additional charges tab in JC control file. The default value is NULL and is NOT mandatory to maintain the existing functionality.



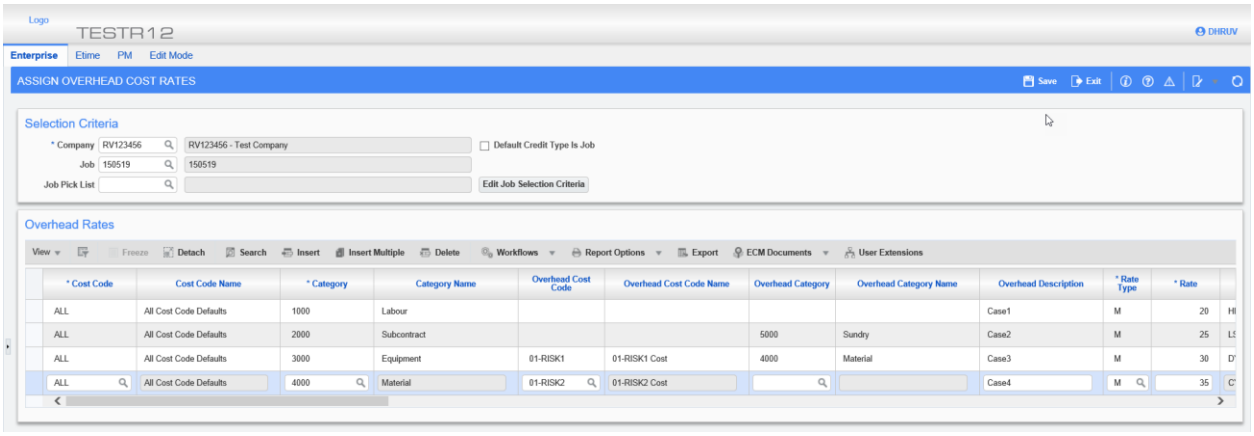
JC Control File

Added the column 'Overhead cost code column' in Assign overhead cost rates screen. Cost code added here will override the default overhead cost code in JC control file. If 'Overhead cost code' and 'Default Overhead cost code' both are null, then the overhead cost will be posted to the same cost code that the actual job cost was posted to.

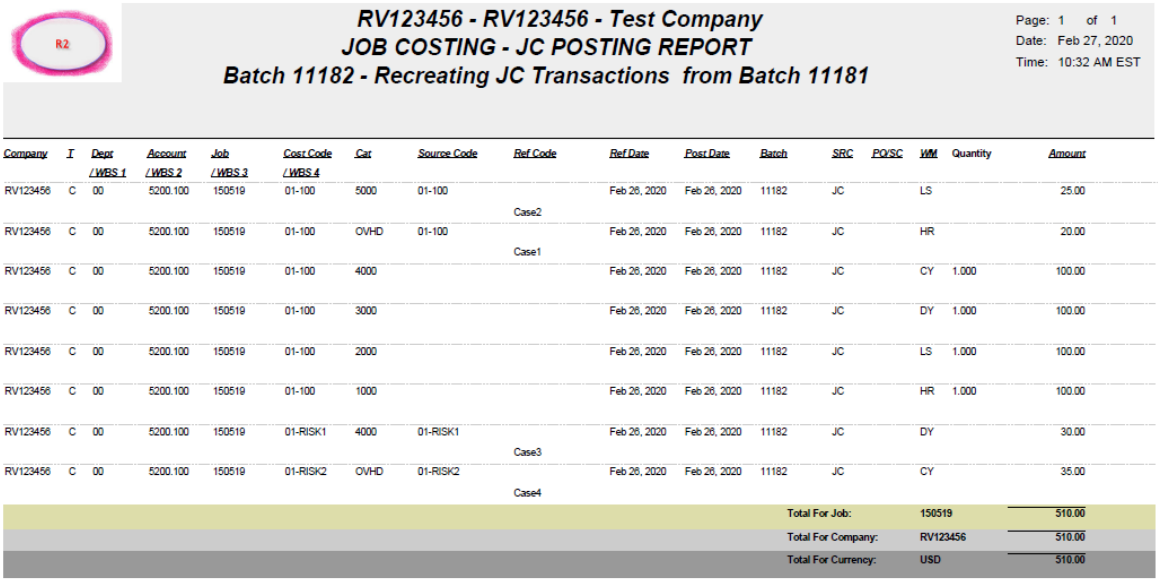


JC Assign Overhead cost rates

Setup & Posting Example:



JC Cost Transaction report:

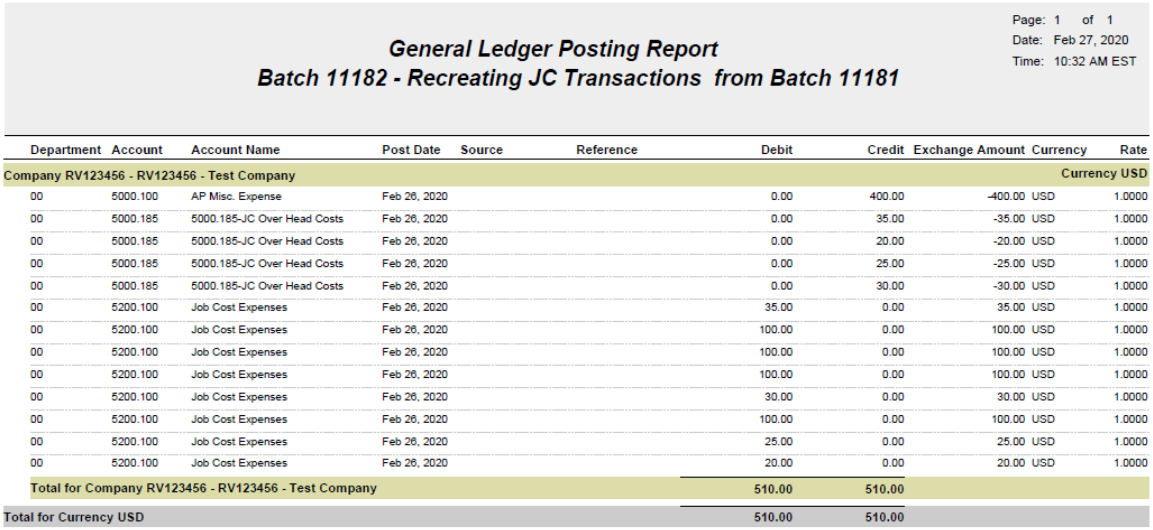


RV123456 - RV123456 - Test Company
JOB COSTING - JC POSTING REPORT
Batch 11182 - Recreating JC Transactions from Batch 11181

Page: 1 of 1
Date: Feb 27, 2020
Time: 10:32 AM EST

Company	T	Dept / WBS 1	Account / WBS 2	Job / WBS 3	Cost Code / WBS 4	Cat	Source Code	Ref Code	Ref Date	Post Date	Batch	SRC	PO/SC	WM	Quantity	Amount
RV123456	C	00	5200.100	150519	01-100	5000	01-100	Case2	Feb 26, 2020	Feb 26, 2020	11182	JC		LS		25.00
RV123456	C	00	5200.100	150519	01-100	OVHD	01-100	Case1	Feb 26, 2020	Feb 26, 2020	11182	JC		HR		20.00
RV123456	C	00	5200.100	150519	01-100	4000			Feb 26, 2020	Feb 26, 2020	11182	JC		CY	1.000	100.00
RV123456	C	00	5200.100	150519	01-100	3000			Feb 26, 2020	Feb 26, 2020	11182	JC		DY	1.000	100.00
RV123456	C	00	5200.100	150519	01-100	2000			Feb 26, 2020	Feb 26, 2020	11182	JC		LS	1.000	100.00
RV123456	C	00	5200.100	150519	01-100	1000			Feb 26, 2020	Feb 26, 2020	11182	JC		HR	1.000	100.00
RV123456	C	00	5200.100	150519	01-RISK1	4000	01-RISK1	Case3	Feb 26, 2020	Feb 26, 2020	11182	JC		DY		30.00
RV123456	C	00	5200.100	150519	01-RISK2	OVHD	01-RISK2	Case4	Feb 26, 2020	Feb 26, 2020	11182	JC		CY		35.00
												Total For Job:		150519		510.00
												Total For Company:		RV123456		510.00
												Total For Currency:		USD		510.00

GL transaction Posting Report:



General Ledger Posting Report
Batch 11182 - Recreating JC Transactions from Batch 11181

Page: 1 of 1
Date: Feb 27, 2020
Time: 10:32 AM EST

Department	Account	Account Name	Post Date	Source	Reference	Debit	Credit	Exchange Amount	Currency	Rate
Company RV123456 - RV123456 - Test Company										Currency USD
00	5000.100	AP Misc. Expense	Feb 26, 2020			0.00	400.00	-400.00	USD	1.0000
00	5000.185	5000.185-JC Over Head Costs	Feb 26, 2020			0.00	35.00	-35.00	USD	1.0000
00	5000.185	5000.185-JC Over Head Costs	Feb 26, 2020			0.00	20.00	-20.00	USD	1.0000
00	5000.185	5000.185-JC Over Head Costs	Feb 26, 2020			0.00	25.00	-25.00	USD	1.0000
00	5000.185	5000.185-JC Over Head Costs	Feb 26, 2020			0.00	30.00	-30.00	USD	1.0000
00	5200.100	Job Cost Expenses	Feb 26, 2020			35.00	0.00	35.00	USD	1.0000
00	5200.100	Job Cost Expenses	Feb 26, 2020			100.00	0.00	100.00	USD	1.0000
00	5200.100	Job Cost Expenses	Feb 26, 2020			100.00	0.00	100.00	USD	1.0000
00	5200.100	Job Cost Expenses	Feb 26, 2020			100.00	0.00	100.00	USD	1.0000
00	5200.100	Job Cost Expenses	Feb 26, 2020			30.00	0.00	30.00	USD	1.0000
00	5200.100	Job Cost Expenses	Feb 26, 2020			100.00	0.00	100.00	USD	1.0000
00	5200.100	Job Cost Expenses	Feb 26, 2020			25.00	0.00	25.00	USD	1.0000
00	5200.100	Job Cost Expenses	Feb 26, 2020			20.00	0.00	20.00	USD	1.0000
Total for Company RV123456 - RV123456 - Test Company						510.00	510.00			
Total for Currency USD						510.00	510.00			

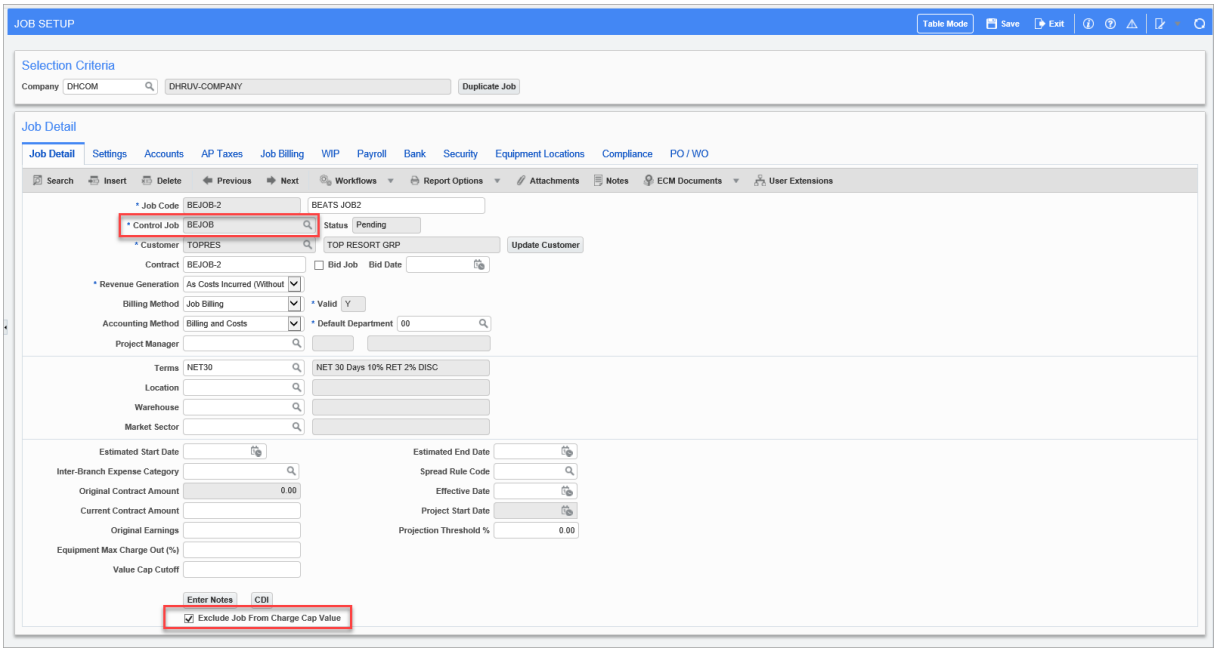
Ability to Exclude Sub Job from Charge Cap Value (19.87458)

Ability to exclude a sub job from charge cap value.

Modifications

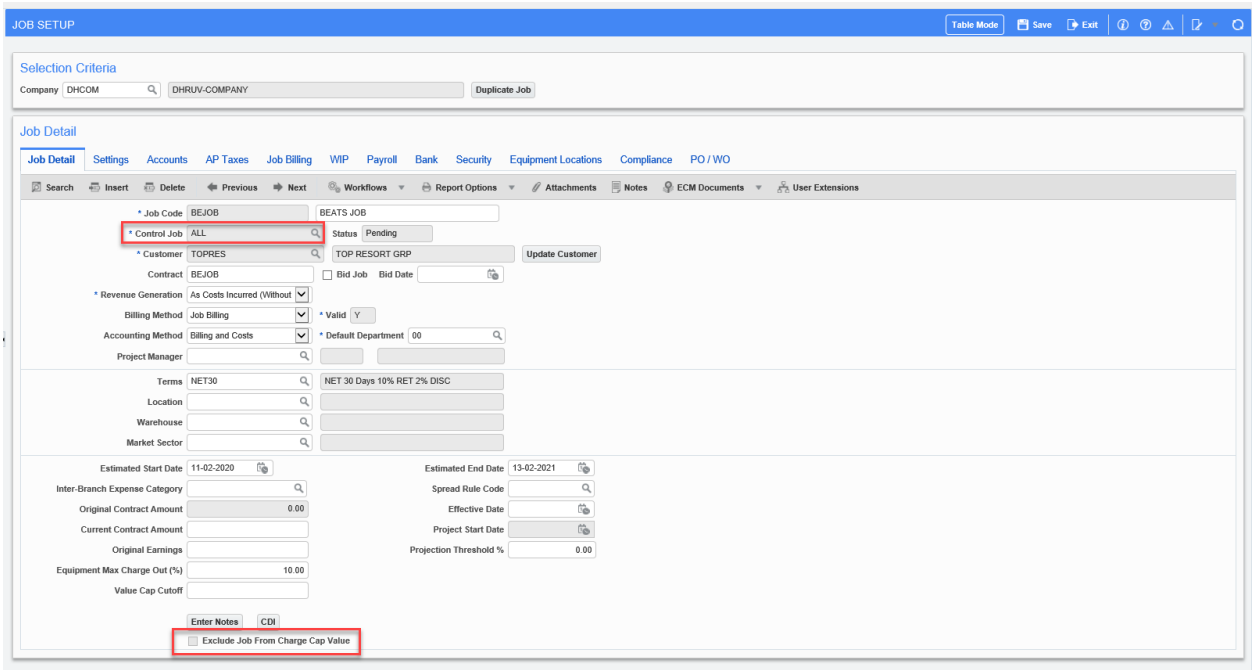
- Flag ‘Exclude Job from Charge Cap Value’ is added in Job Costing > Job > Enter Job.
- By default, the flag is hidden. User must use Lite Editor to display the flag.
- ‘Exclude Job from Charge Cap Value’ will be enabled depending upon the value in ‘Control Job’ field.
    - Control Job: ALL – The ‘Exclude Job from Charge Cap Value’ flag is disabled.
    - Flag is disabled for Controlling Job, it is exclusively for a sub job.

Following screens shows the modifications performed:



Job Costing > Job > Enter Job

Control Job – Flag is disabled for a Control Job



Job Costing > Job > Enter Job

'Exclude Job from Charge Cap Value' if the flag is checked, charges continues to hit the sub job without capping the charge value.

Calculations:

Control Job	Charge Cap %	Sub Job 1	Exclude from Charge Cap	Charge Cap %	Sub Job 2	Exclude from Charge Cap	Charge Cap %	Equipment	Equipment Value
BEJOB	10	BEJOB-1	N	2	BEJOB-2	Y	0	CAP-EQP	10000

Equipment Rates	Auto charge without charge cap
100 (daily)	1200
100 (daily)	1400
150 (daily)	4650

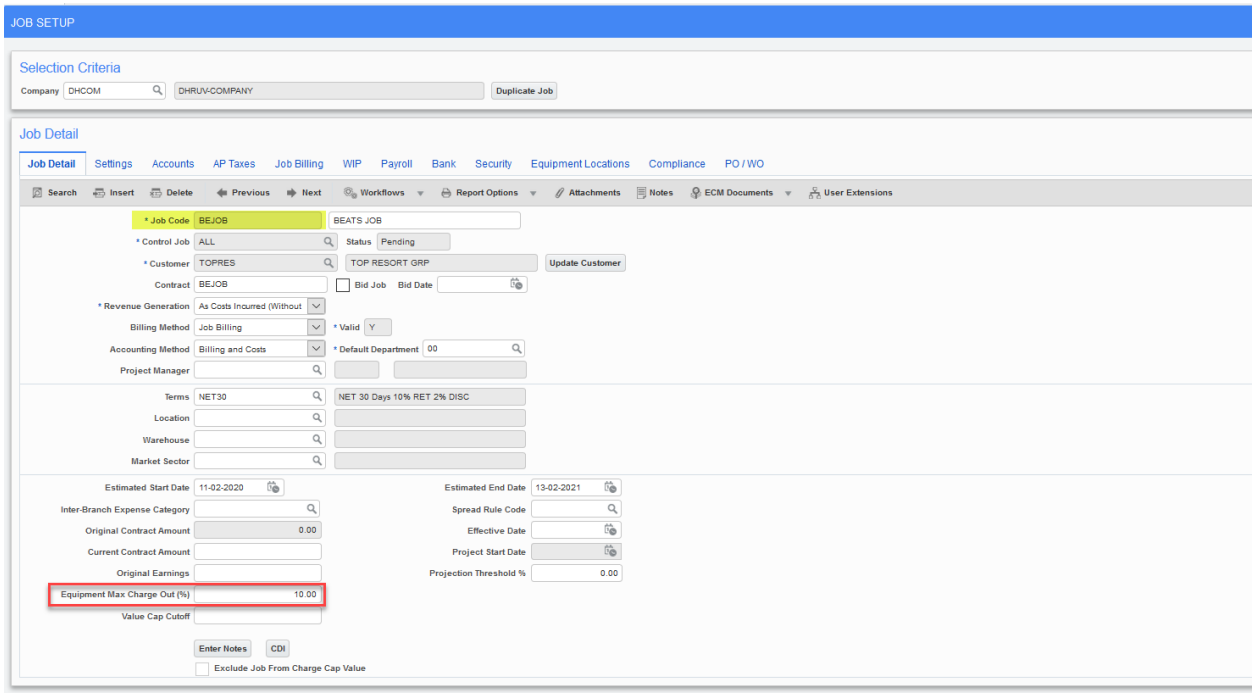
Note: Sliding Scale is OFF

	No. of days for equipment at location
BEJOB	12
BEJOB-1	14
BEJOB-2	31

Auto Charge Out	Charge Amount	
BEJOB	1000	Capped due to 10% charge cap of main job
BEJOB-1	0	Capped due to total charge cap of 1000. BEJOB already charged for 1000
BEJOB-2	4650	No charge cap - Excluded from Charge Cap Value

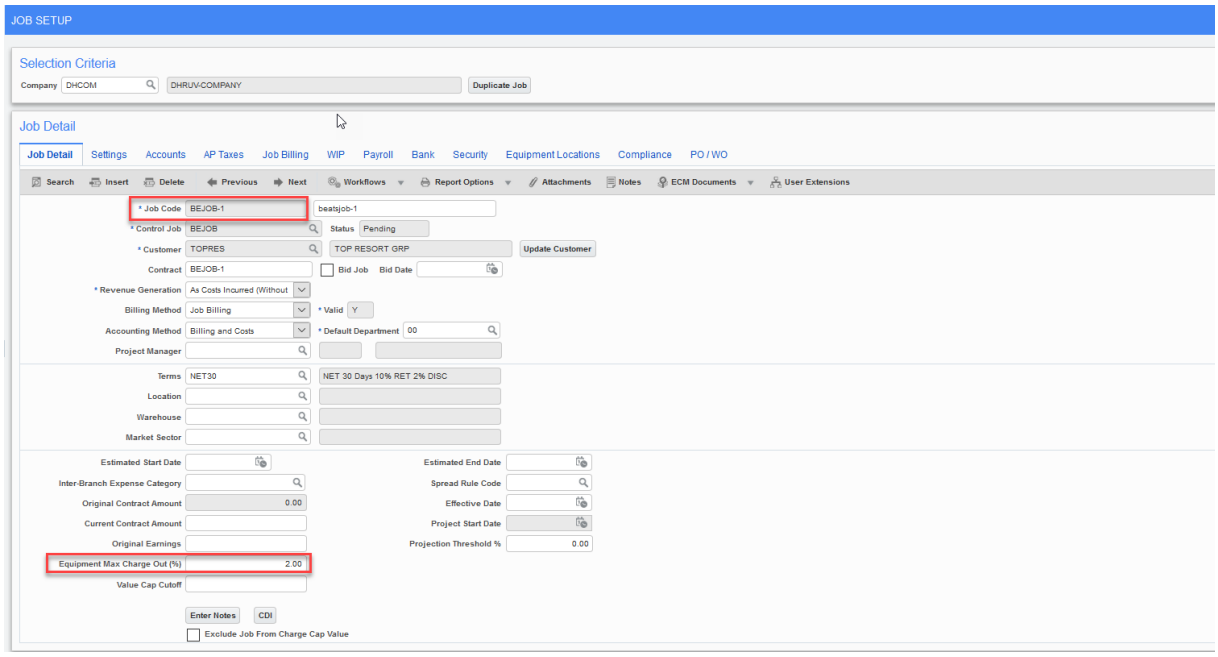
Example:

Controlling Job



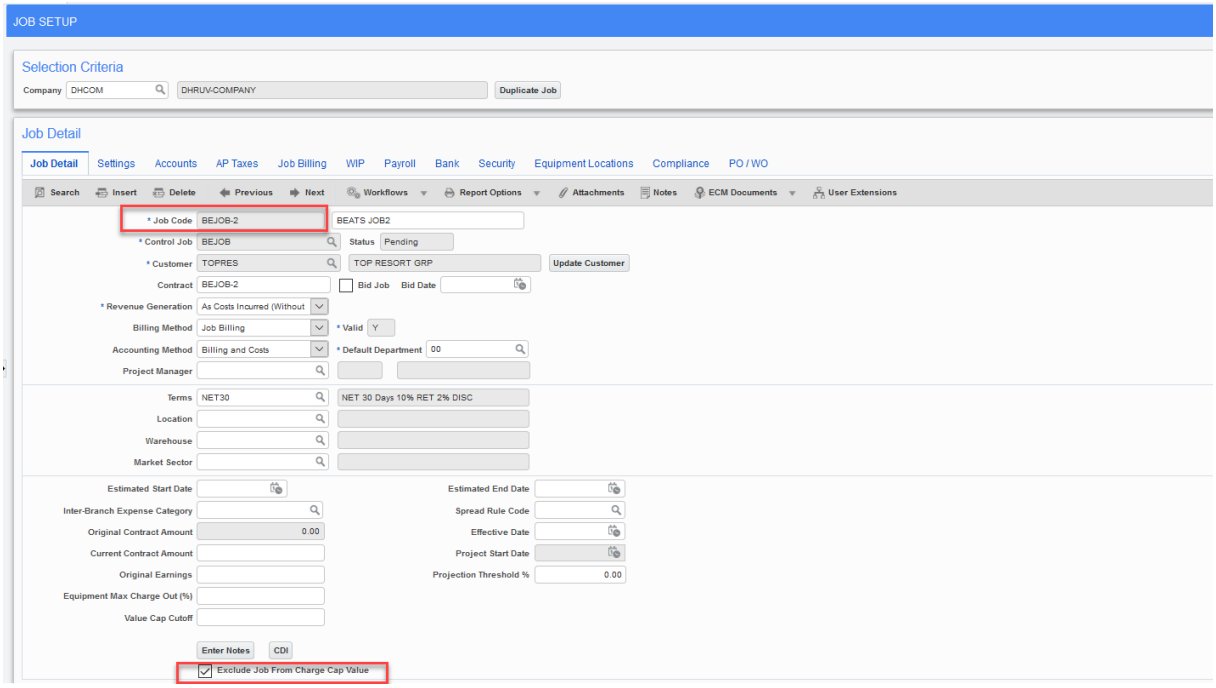
Job Costing > Job > Enter Job

Sub Job – 1: BEJOB-1



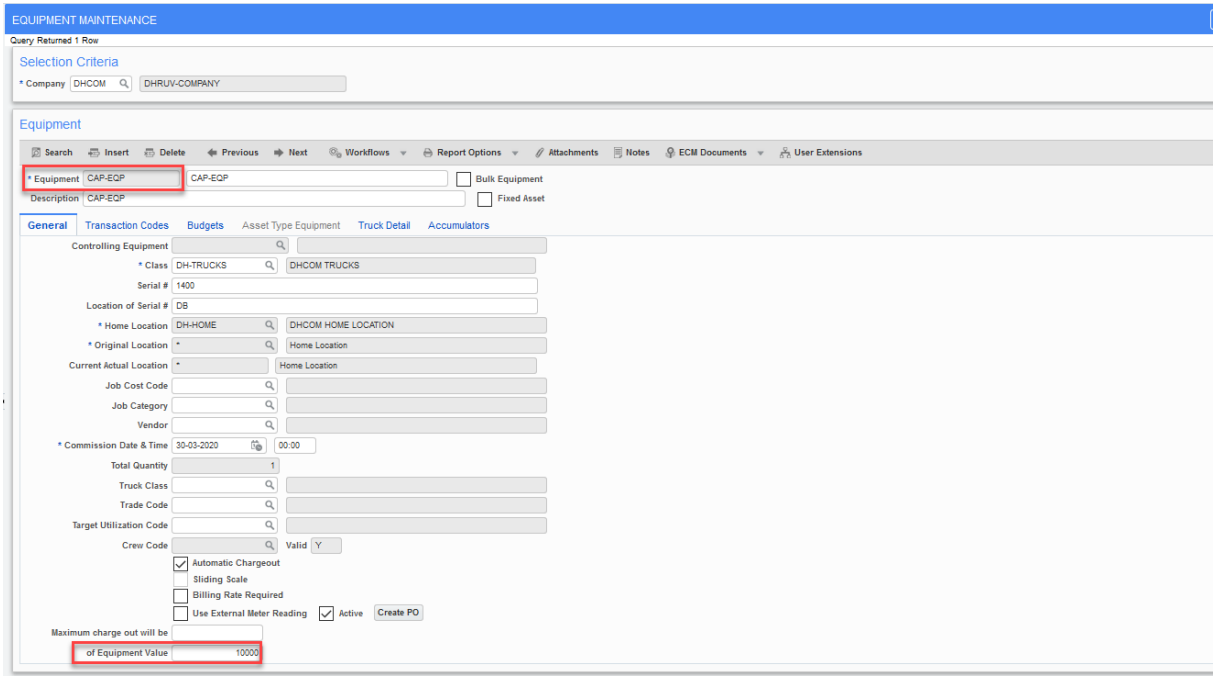
Job Costing > Job > Enter Job

Sub Job – 2: BEJOB-2



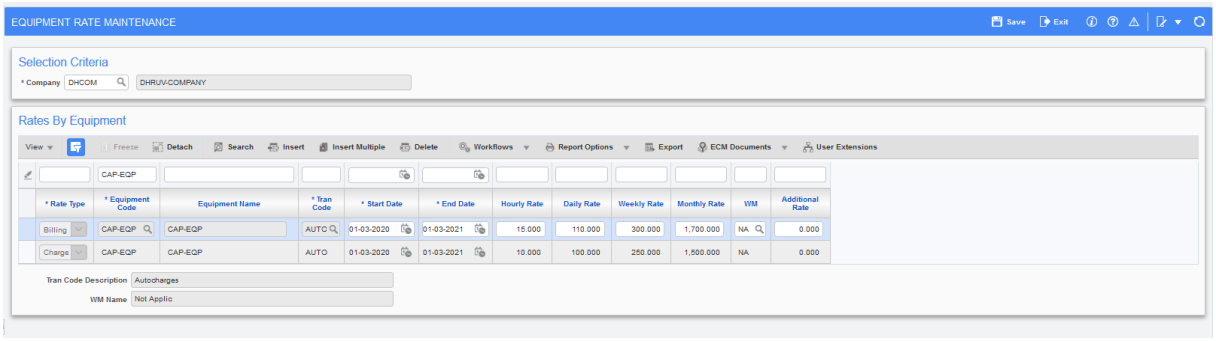
Job Costing > Job > Enter Job

Equipment



Equipment Costing > Setup > Enter Equipment

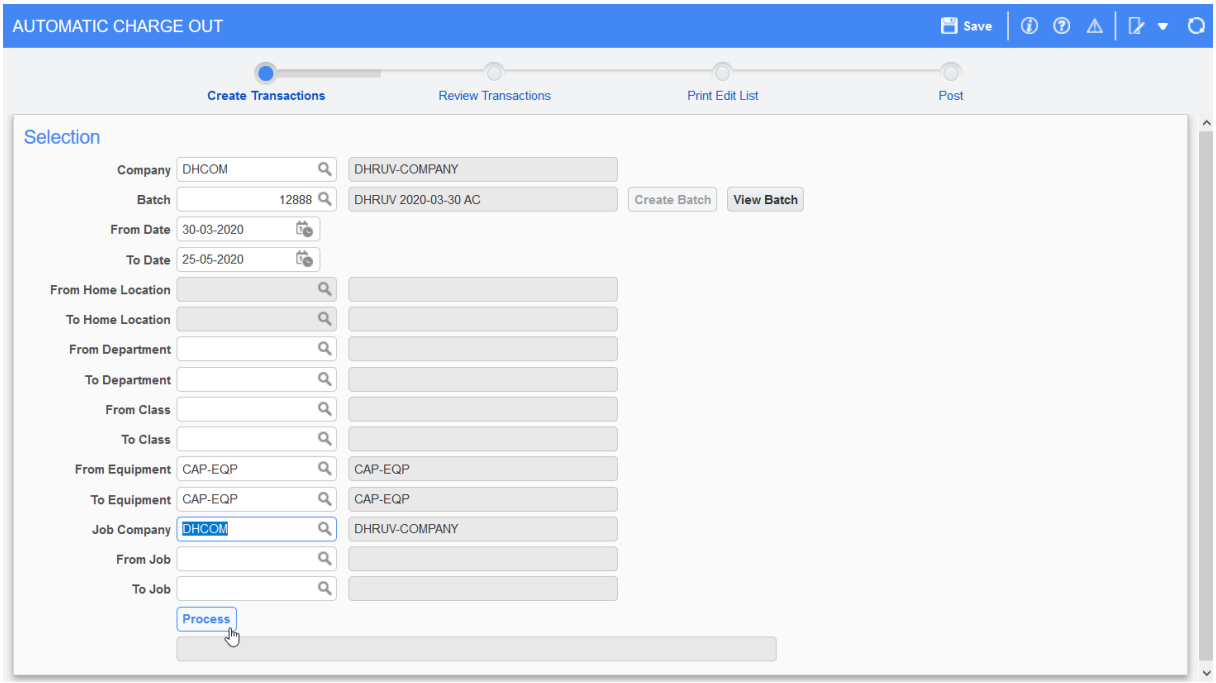
Equipment Rates



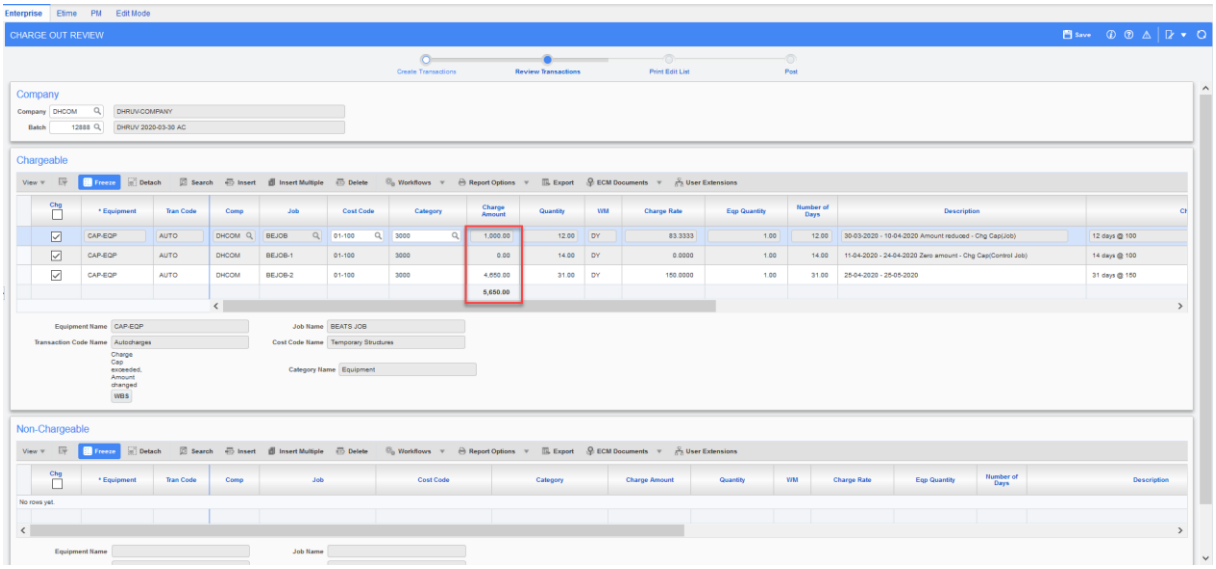
Equipment Costing > Setup > Local Tables Rates > Equipment

- Transferred equipment to BEJOB, BEJOB-1, BEJOB-2

Creating Auto charge



Equipment > Transactions > Automatic Charge-Outs



Equipment > Transactions > Automatic Charge-Outs

Report:

DHCOM - DHRUV-COMPANY
JOB COSTING - JC POSTING REPORT
Batch 12888 - DHRUV 2020-03-30 AC

Page: 1 of 1
Date: Mar 30, 2020
Time: 4:41 PM EDT

Company	T	Dept / WBS 1	Account / WBS 2	Job / WBS 3	Cost Code / WBS 4	Cat	Source Code	Ref Code	Ref Date	Post Date	Batch	SRC	PO/SC	WM	Quantity	Amount
DHCOM	C	00	5200.100	BEJOB	01-100	3000	CAP-EQP	AUTO Autocharges	30-03-2020	30-03-2020	12888	EM		DY	12.000	1,000.00
												Total For Job:		BEJOB		1,000.00
DHCOM	C	00	5200.100	BEJOB-1	01-100	3000	CAP-EQP	AUTO Autocharges	30-03-2020	30-03-2020	12888	EM		DY	14.000	0.00
												Total For Job:		BEJOB-1		0.00
DHCOM	C	00	5200.100	BEJOB-2	01-100	3000	CAP-EQP	AUTO Autocharges	30-03-2020	30-03-2020	12888	EM		DY	31.000	4,650.00
												Total For Job:		BEJOB-2		4,650.00
												Total For Company:		DHCOM		5,650.00
												Total For Currency:		USD		5,650.00

DHCOM - DHRUV-COMPANY

EQUIPMENT COSTING - POSTING REPORT

Page: 1 of 1
Date: Mar 30, 2020
Time: 4:41 PM EDT

Category	TranCode	Rev Type	Post Date	Ref Date	SRC	Source Code	Ref Code	UnitWM	Eqp Qty	Cost Amount	Revenue Amount
Equipment	CAP-EQP	CAP-EQP									
ALL	AUTO		30-03-2020	30-03-2020	EM	DHCOM BEJOB	01-100	12.00DY	1.00	0.00	1,000.00
ALL	AUTO		30-03-2020	30-03-2020	EM	DHCOM BEJOB-2	01-100	31.00DY	1.00	0.00	4,650.00
ALL	AUTO		30-03-2020	30-03-2020	EM	DHCOM BEJOB-1	01-100	14.00DY	1.00	0.00	0.00
							Total for Equipment		3.00	0.00	5,650.00
							Report Total			0.00	5,650.00

Page: 1 of 1
Date: Mar 30, 2020
Time: 4:41 PM EDT

General Ledger Posting Report
Batch 12888 - DHRUV 2020-03-30 AC

Department	Account	Account Name	Post Date	Source	Reference	Debit	Credit	Exchange Amount	Currency	Rate
Company DHCOM - DHRUV-COMPANY										Currency USD
00	4000.600	Equipment Rental Revenue	30-03-2020	CAP-EQP	BEJOB	0.00	1,000.00	-1,000.00	USD	1.0000
00	4000.600	Equipment Rental Revenue	30-03-2020	CAP-EQP	BEJOB-2	0.00	4,650.00	-4,650.00	USD	1.0000
00	5200.100	Job Cost Expenses	30-03-2020	CAP-EQP	BEJOB-2	4,650.00	0.00	4,650.00	USD	1.0000
00	5200.100	Job Cost Expenses	30-03-2020	CAP-EQP	BEJOB	1,000.00	0.00	1,000.00	USD	1.0000
Total for Company DHCOM - DHRUV-COMPANY						5,650.00	5,650.00			
Total for Currency USD						5,650.00	5,650.00			

Creating further auto charge – equipment is at Sub job 2 (exclude charge cap flag is checked).

Moving to Main Job (BEJOB).

Page: 1 of 1
Date: Mar 30, 2020
Time: 4:52 PM EDT

DHCOM - DHRUV-COMPANY

EQUIPMENT COSTING - ACTUAL LOCATION TRANSFER POSTING REPORT

Tran Num	Date	Transfer Ref.#	Equipment	Qty		Location	Company	Job	Cost Code	Category	Status	Customer
3479	01-06-2020	t12	CAP-EQP	1.00	From	LOC22	DHCOM	BEJOB-2	01-100	3000	AUTO	
					To	BEJOB	DHCOM	BEJOB	01-100	3000	AUTO	TOPRES

Moving to BEJOB-2 (sub job 2)

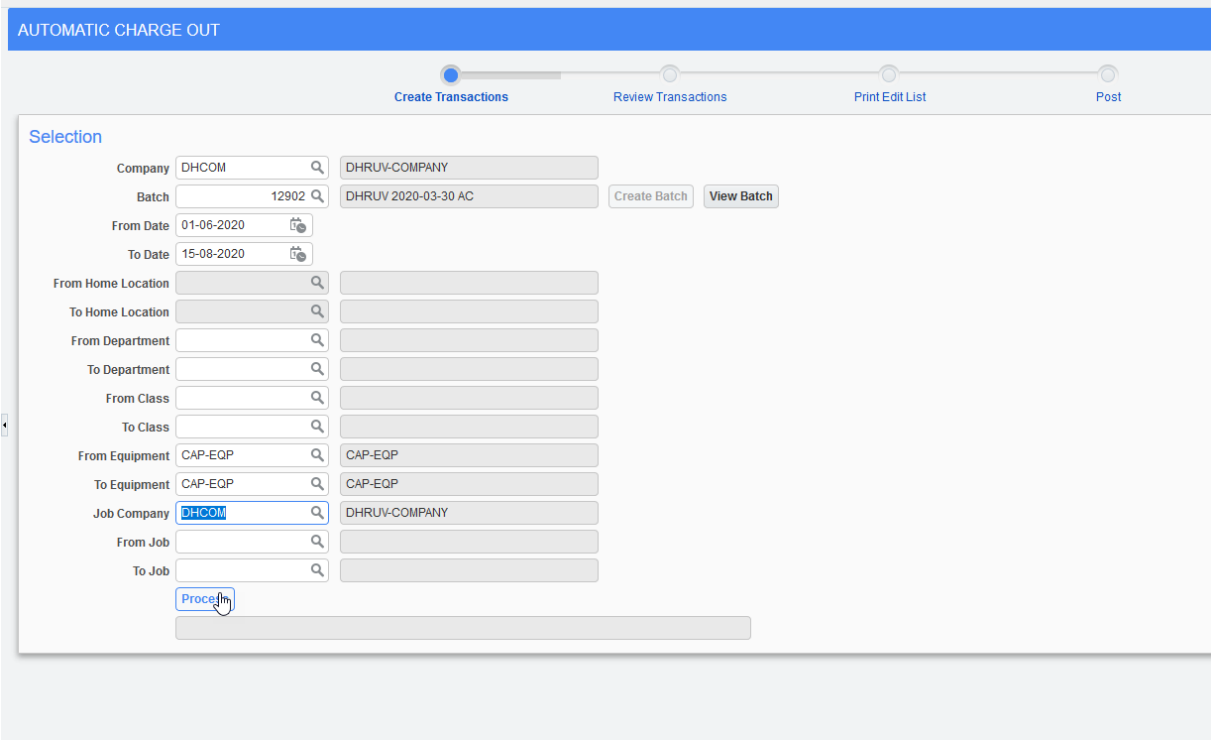
Page: 1 of 1
Date: Mar 30, 2020
Time: 4:53 PM EDT

DHCOM - DHRUV-COMPANY

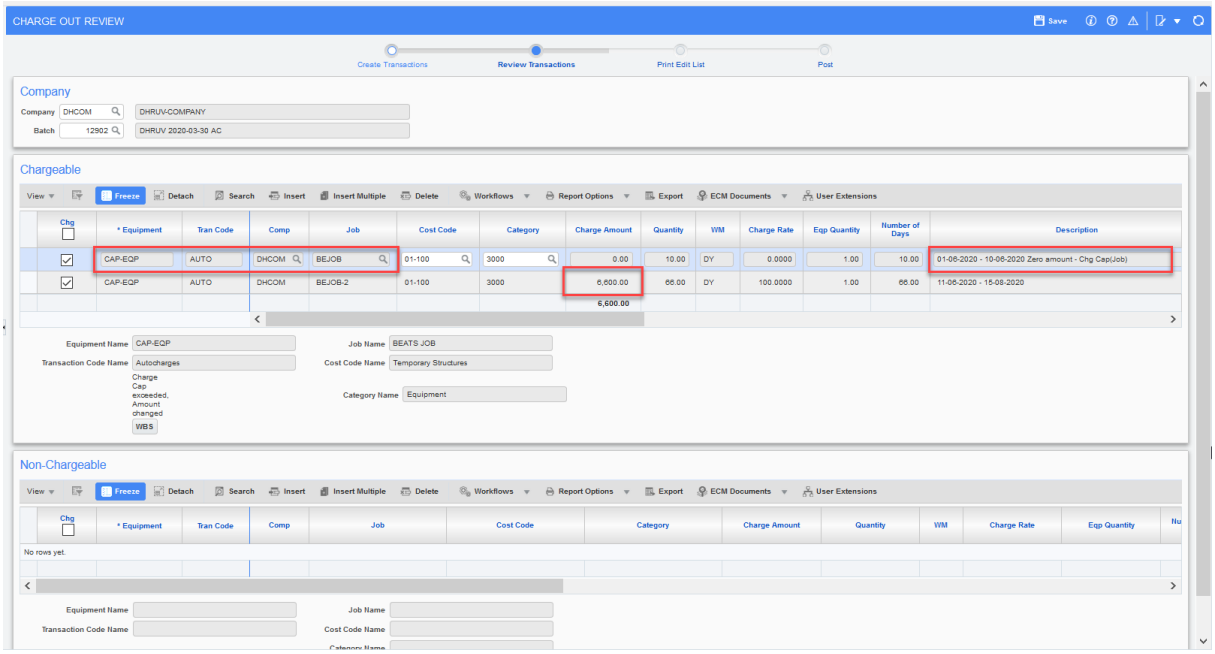
EQUIPMENT COSTING - ACTUAL LOCATION TRANSFER POSTING REPORT

Tran Num	Date	Transfer Ref.#	Equipment	Qty		Location	Company	Job	Cost Code	Category	Status	Customer
3480	11-06-2020	t14	CAP-EQP	1.00	From	BEJOB	DHCOM	BEJOB	01-100	3000	AUTO	
					To	LOC22	DHCOM	BEJOB-2	01-100	3000	AUTO	TOPRES

Automatic charge-out:



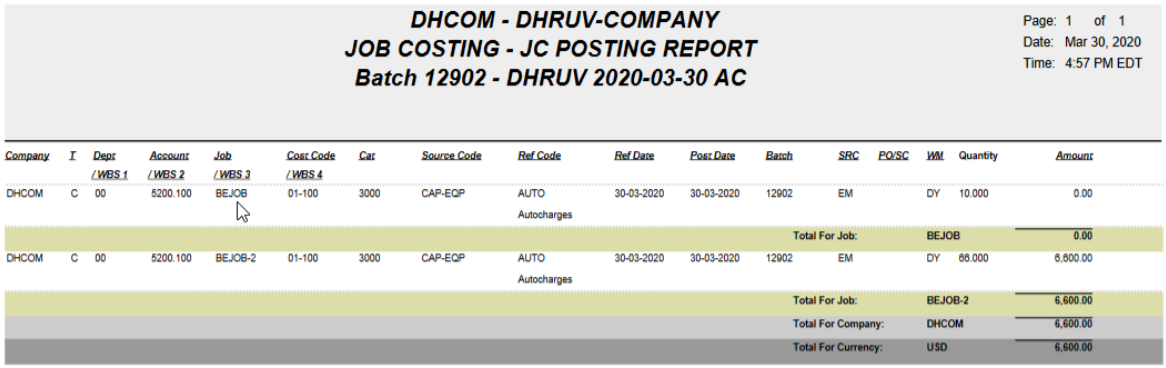
Equipment > Transactions > Automatic Charge-Outs



Equipment > Transactions > Automatic Charge-Outs

Posted successfully

Report:



DHCOM - DHRUV-COMPANY
JOB COSTING - JC POSTING REPORT
Batch 12902 - DHRUV 2020-03-30 AC

Page: 1 of 1
Date: Mar 30, 2020
Time: 4:57 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
DHCOM	C	00	5200.100	BEJOB	01-100	3000	CAP-EQP	AUTO Autocharges	30-03-2020	30-03-2020	12902	EM		DY	10.000	0.00
												Total For Job:		BEJOB		0.00
DHCOM	C	00	5200.100	BEJOB-2	01-100	3000	CAP-EQP	AUTO Autocharges	30-03-2020	30-03-2020	12902	EM		DY	66.000	6,600.00
												Total For Job:		BEJOB-2		6,600.00
												Total For Company:		DHCOM		6,600.00
												Total For Currency:		USD		6,600.00

Ability to Enter PCI when Job is Set NOT to Allow Transactions (19.80740)

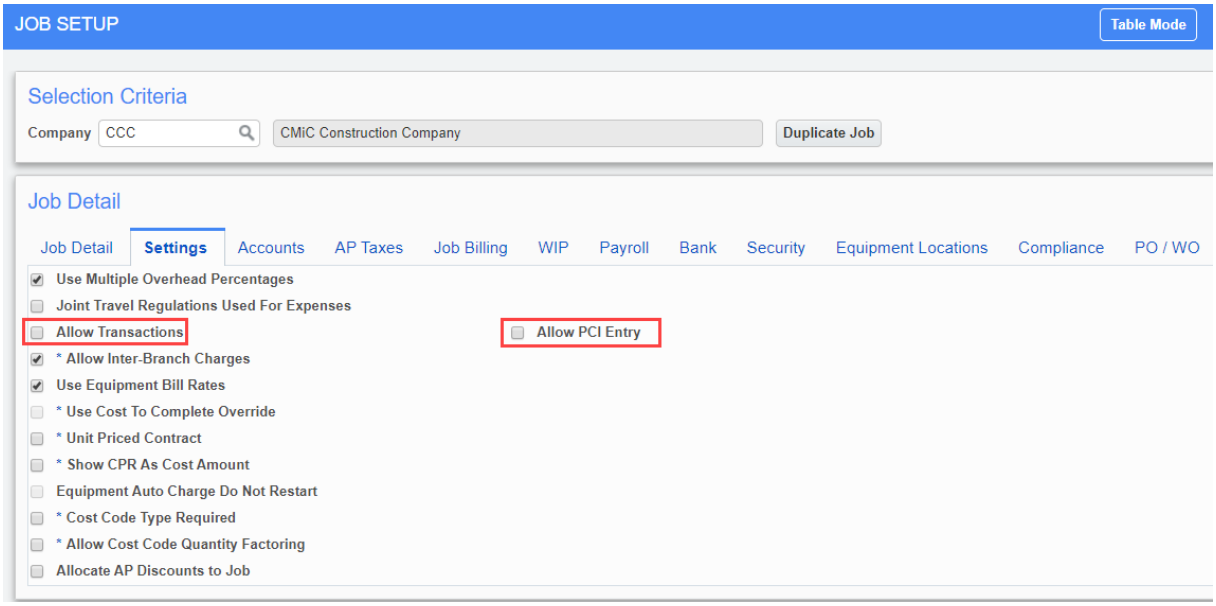
New flag ‘Allow PCI entry’ is added to Job Maintenance program which, when checked, allows to create PCI’s for the purpose of adjusting the budgets, when the job itself is set NOT to allow transactions.

Modifications:

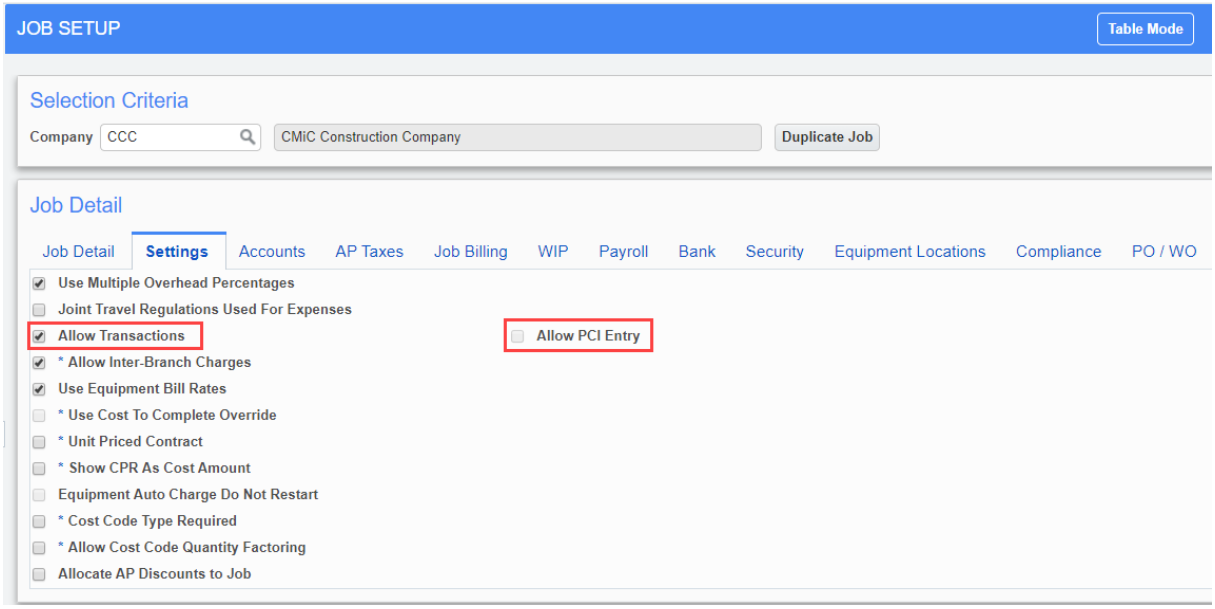
1. **Job Setup:** New flag ‘Allow PCI Entry’ is added.
    a. It is sub flag for ‘Allow Transactions’ and available only when the ‘Allow Transactions’ is un-checked.
    b. The default is unchecked, to preserve the existing functionality.
2. **PCI entry screen:** When Transactions are NOT allowed on a job, then the PCI entry program checks the status of the ‘Allow PCI Entry’ flag on the job.
    a. Checked (Y): PCI Entry is allowed.
    b. Un-Checked (N): PCI creation is NOT allowed.
3. CMiC Field Application (PMJSP) will also follow the same.

Following shows the modifications performed:

JC > Enter Job – Settings tab ‘Allow PCI Entry’ flag is available only when ‘Allow Transaction’ is not checked:

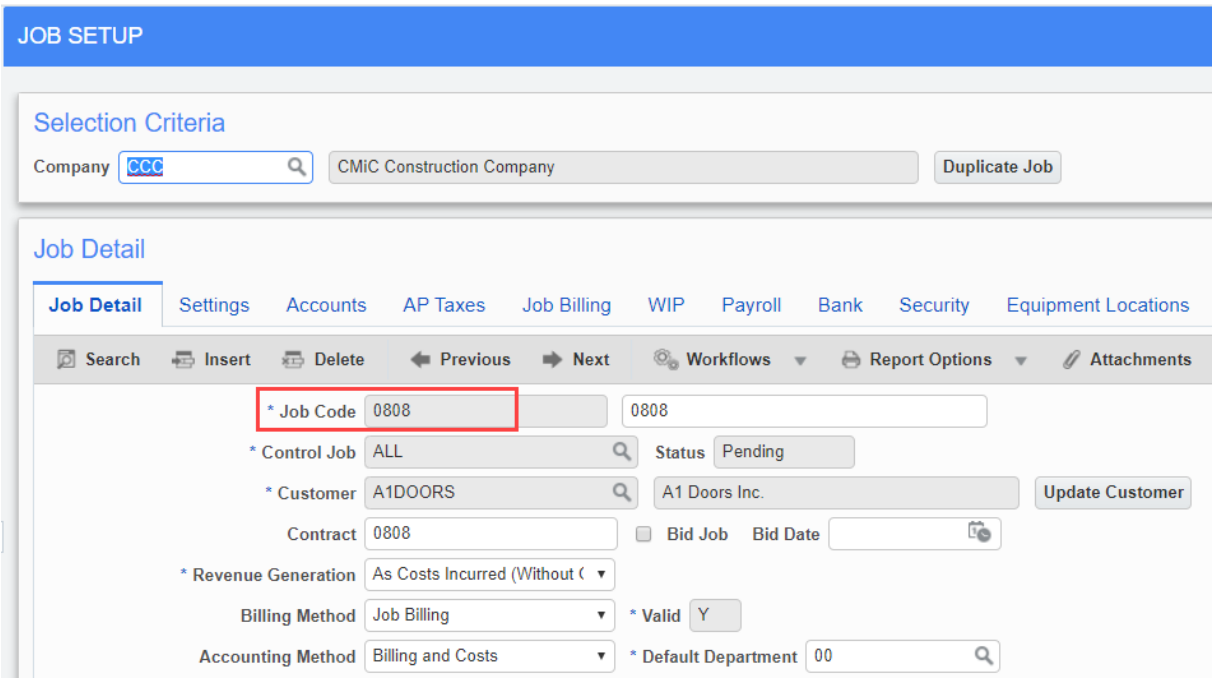


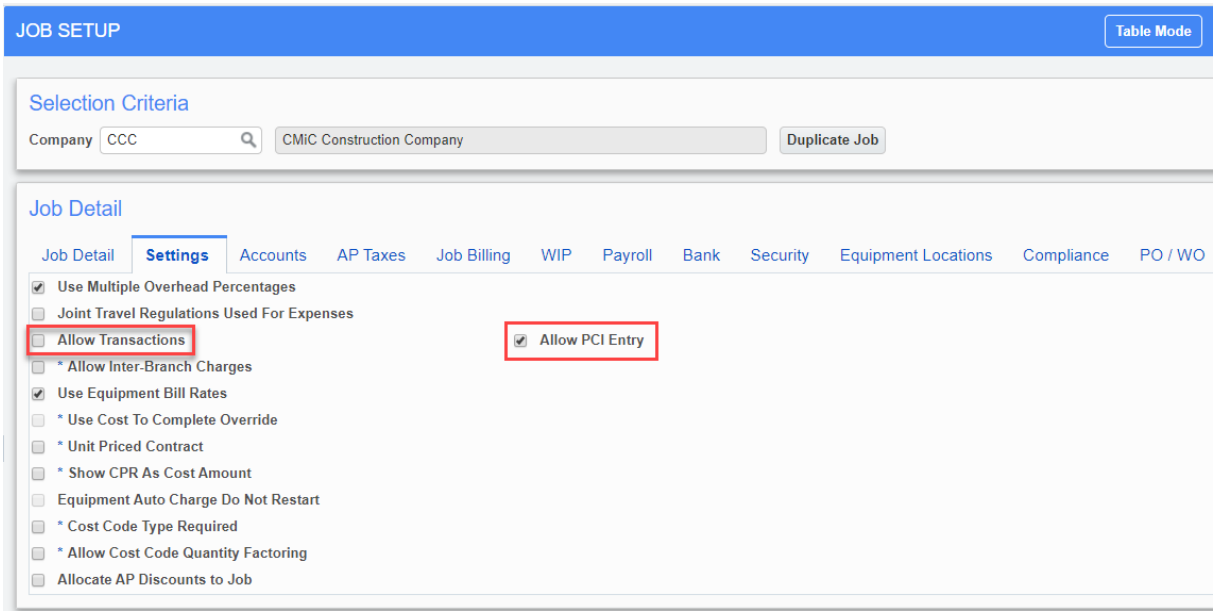
Not available when 'Allow Transaction' is checked:



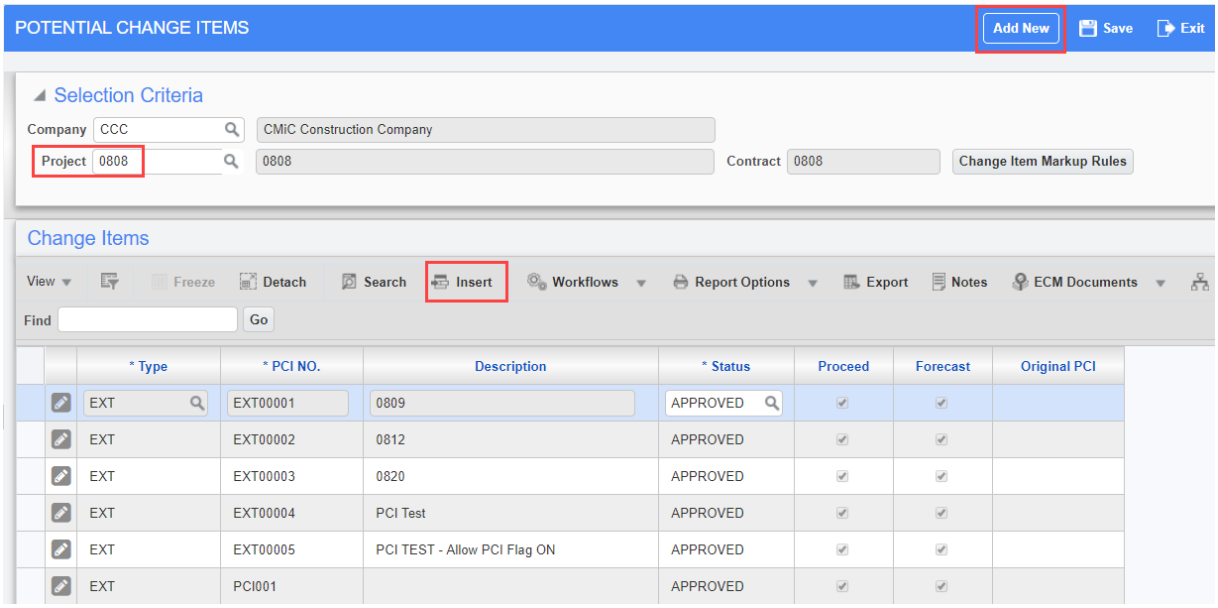
PCI entry screen: When Transactions are NOT allowed on a job, then the PCI entry program checks the status of the 'Allow PCI Entry' flag on the job.

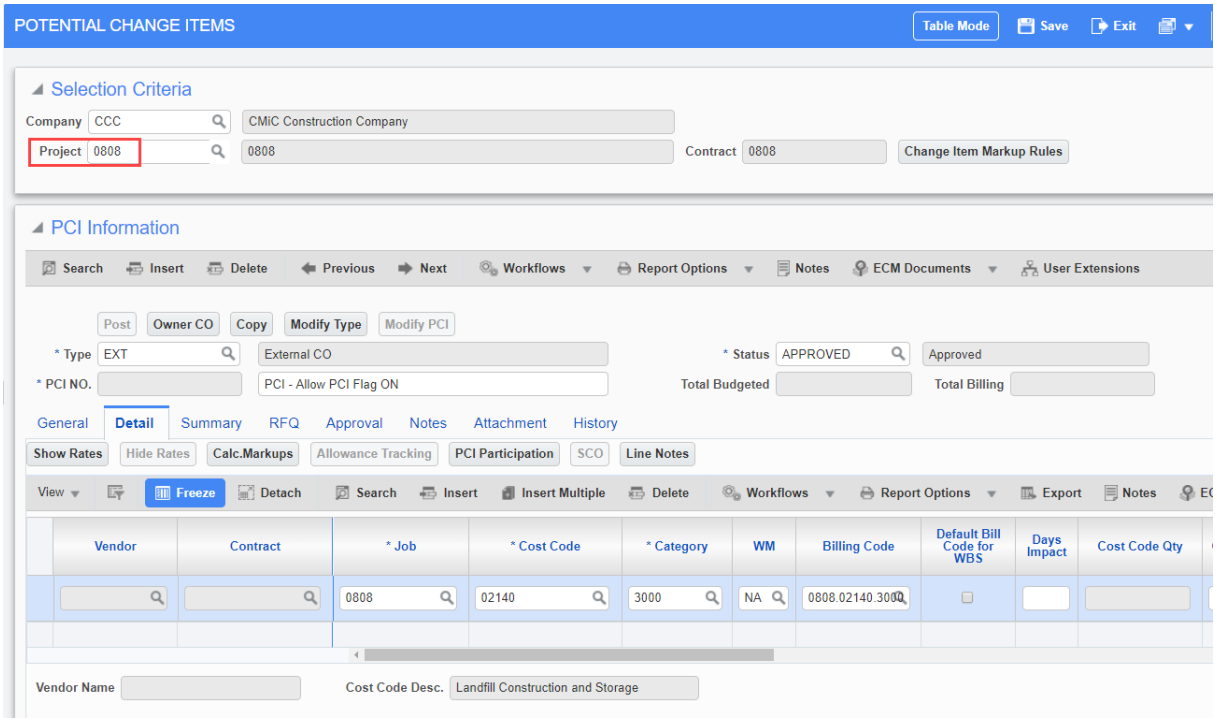
Checked (Y): PCI Entry is allowed.


JOB SETUP
Selection Criteria
Company CCC
CMiC Construction Company
Duplicate Job
Job Detail
Job Detail
Settings
Accounts
AP Taxes
Job Billing
WIP
Payroll
Bank
Security
Equipment Locations
Search
Insert
Delete
Previous
Next
Workflows
Report Options
Attachments
* Job Code 0808
0808
* Control Job ALL
Status Pending
* Customer A1DOORS
A1 Doors Inc.
Update Customer
Contract 0808
Bid Job
Bid Date
* Revenue Generation As Costs Incurred (Without (
Billing Method Job Billing
* Valid Y
Accounting Method Billing and Costs
* Default Department 00

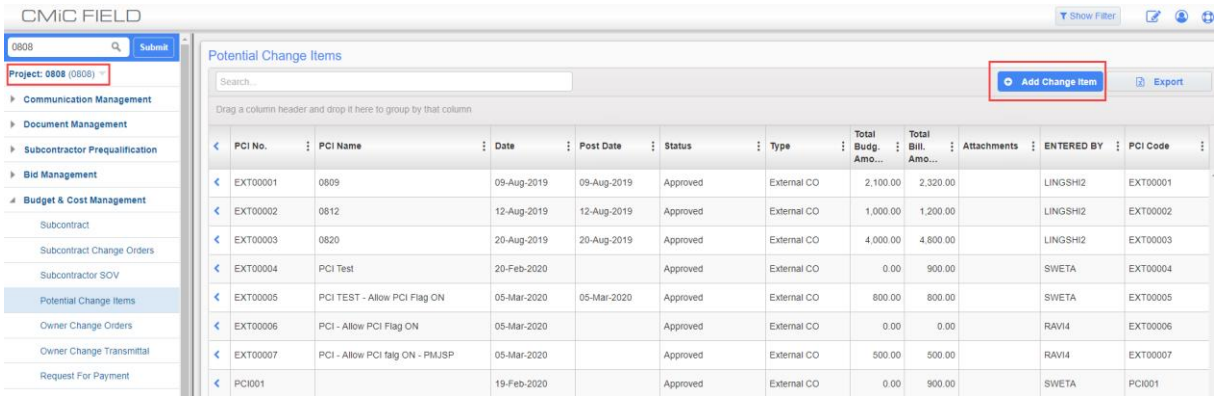

JOB SETUP
Table Mode
Selection Criteria
Company CCC
CMiC Construction Company
Duplicate Job
Job Detail
Job Detail
Settings
Accounts
AP Taxes
Job Billing
WIP
Payroll
Bank
Security
Equipment Locations
Compliance
PO / WO
Use Multiple Overhead Percentages
Joint Travel Regulations Used For Expenses
Allow Transactions
Allow PCI Entry
* Allow Inter-Branch Charges
Use Equipment Bill Rates
* Use Cost To Complete Override
* Unit Priced Contract
* Show CPR As Cost Amount
Equipment Auto Charge Do Not Restart
* Cost Code Type Required
* Allow Cost Code Quantity Factoring
Allocate AP Discounts to Job

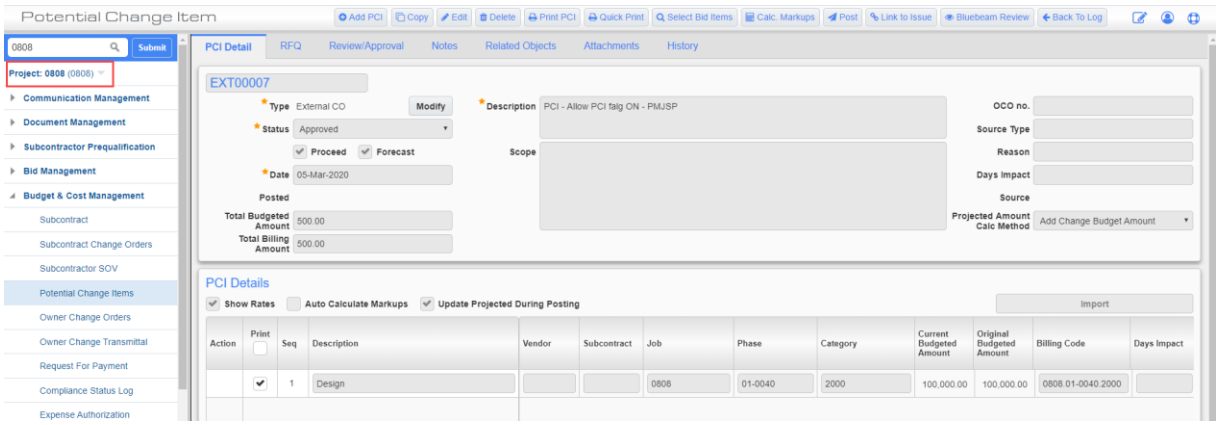
CMiC Enterprise (ADF): User is able to enter PCI





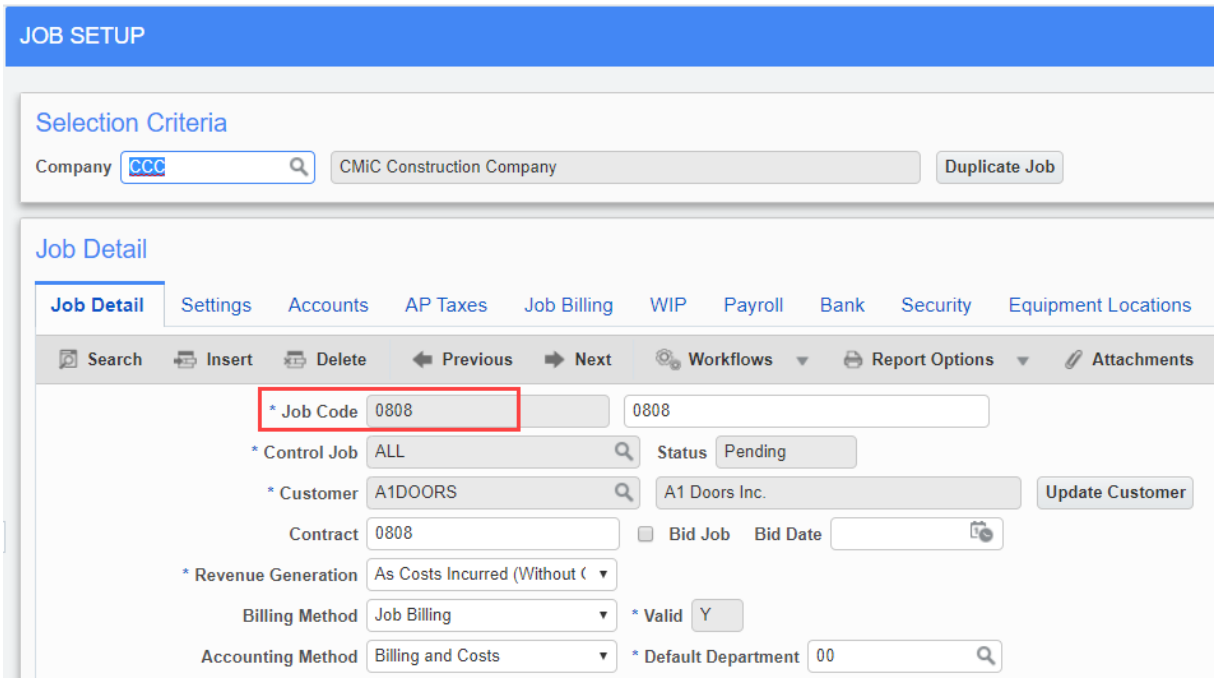
CMiC Field (PMJSP): User is able to Enter PCI

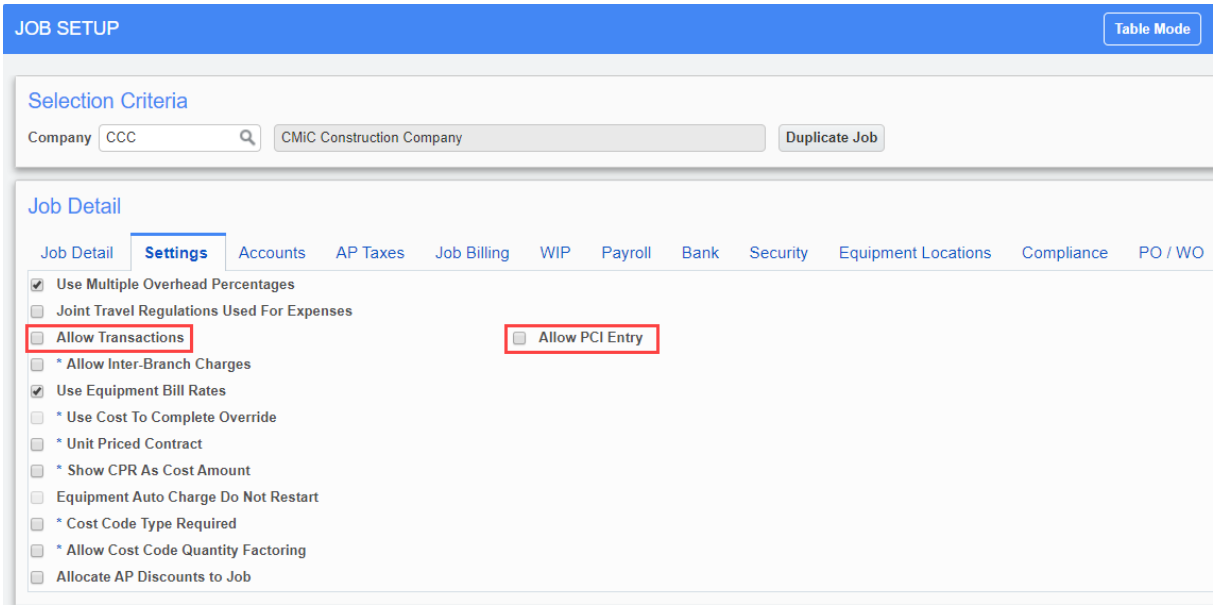




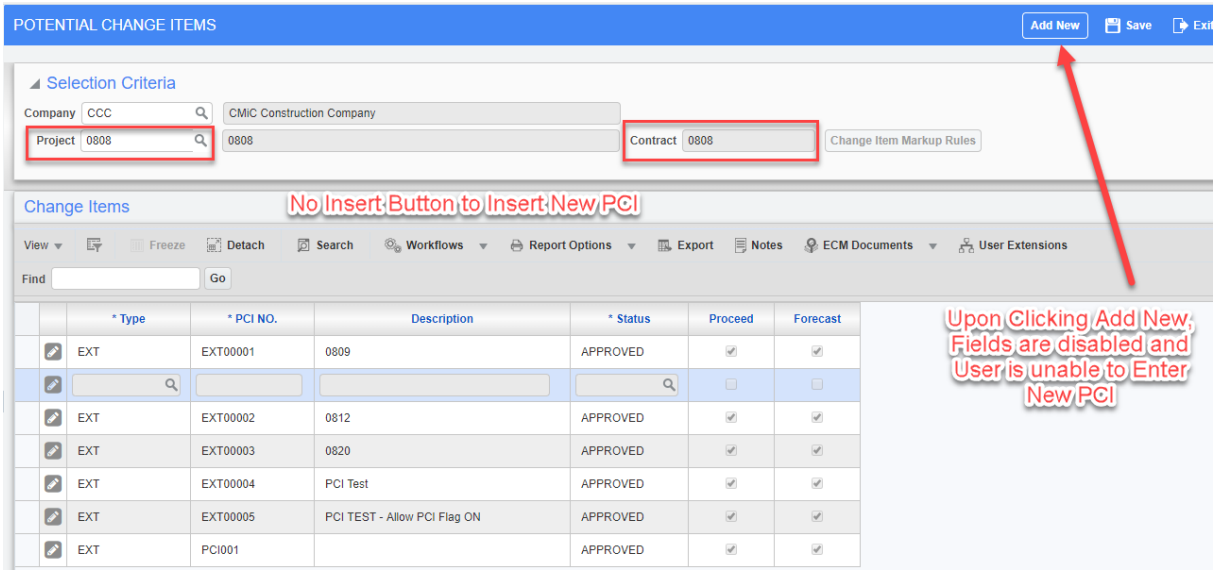
PCI entry screen: When Transactions are NOT allowed on a job, then the PCI entry program checks the status of the 'Allow PCI Entry' flag on the job.

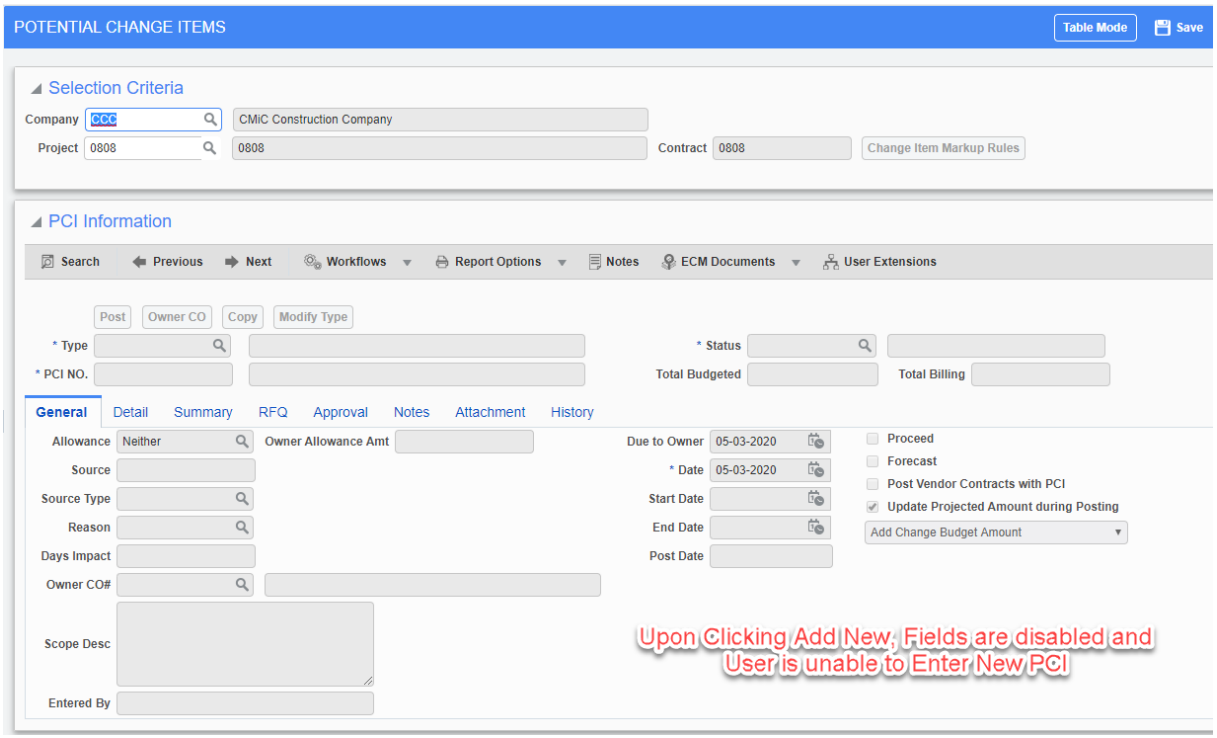
Un-Checked (N): PCI creation is NOT allowed.


JOB SETUP
Selection Criteria
Company CCC
CMiC Construction Company
Duplicate Job
Job Detail
Job Detail
Settings
Accounts
AP Taxes
Job Billing
WIP
Payroll
Bank
Security
Equipment Locations
Search
Insert
Delete
Previous
Next
Workflows
Report Options
Attachments
* Job Code 0808
0808
* Control Job ALL
Status Pending
* Customer A1DOORS
A1 Doors Inc.
Update Customer
Contract 0808
Bid Job
Bid Date
* Revenue Generation As Costs Incurred (Without (
Billing Method Job Billing
* Valid Y
Accounting Method Billing and Costs
* Default Department 00

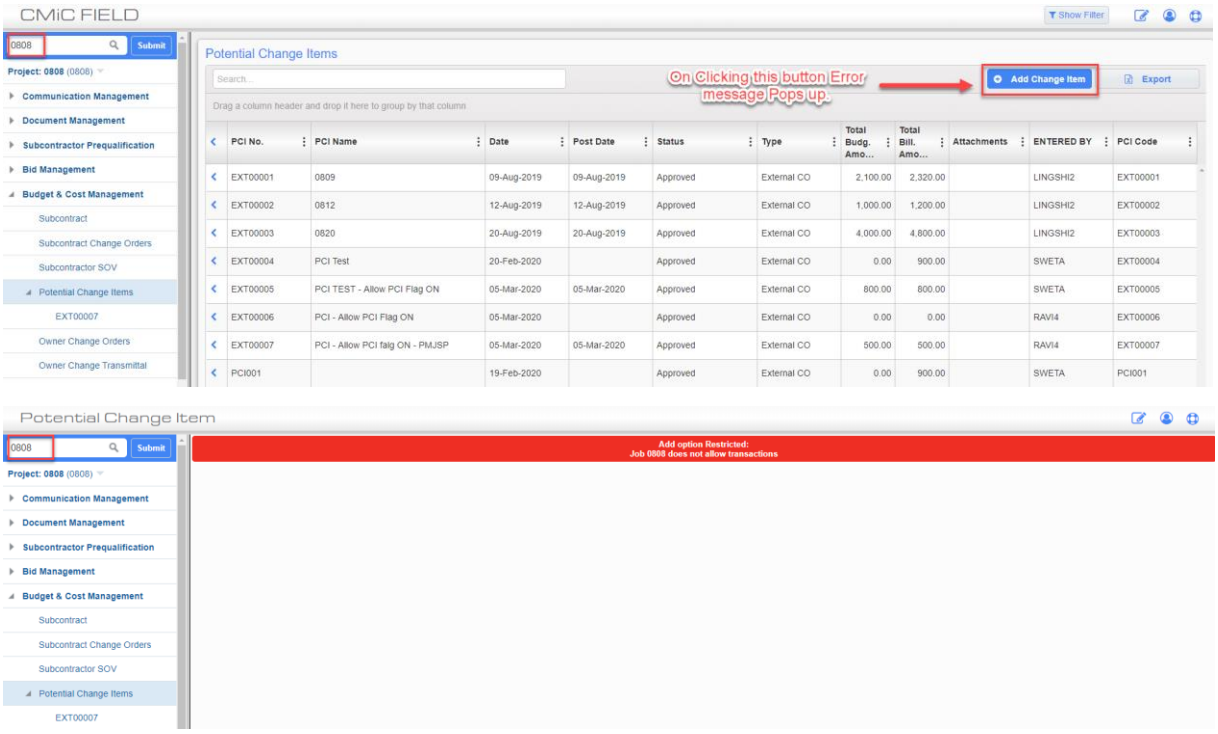

JOB SETUP
Table Mode
Selection Criteria
Company CCC
CMiC Construction Company
Duplicate Job
Job Detail
Job Detail
Settings
Accounts
AP Taxes
Job Billing
WIP
Payroll
Bank
Security
Equipment Locations
Compliance
PO / WO
Use Multiple Overhead Percentages
Joint Travel Regulations Used For Expenses
Allow Transactions
Allow PCI Entry
* Allow Inter-Branch Charges
Use Equipment Bill Rates
* Use Cost To Complete Override
* Unit Priced Contract
* Show CPR As Cost Amount
Equipment Auto Charge Do Not Restart
* Cost Code Type Required
* Allow Cost Code Quantity Factoring
Allocate AP Discounts to Job

CMiC Enterprise (ADF): User is not allowed to enter PCI





CMiC Field (PMJSP): User is not allowed to Enter PCI



Include Pending PCI in Current Cost To Complete (15.07959)

Added a JC Control flag 'Include Pending PCIs in Current Cost to Complete' to address the Internal PCIs totaling up in the Projected Cost Forecast column (Custom Forecasting only). The Default Value is 'Y' and this must be set as ‘Y’ (checked) for all other clients.

Automatically Create Project When a Job is Created (19.84714)

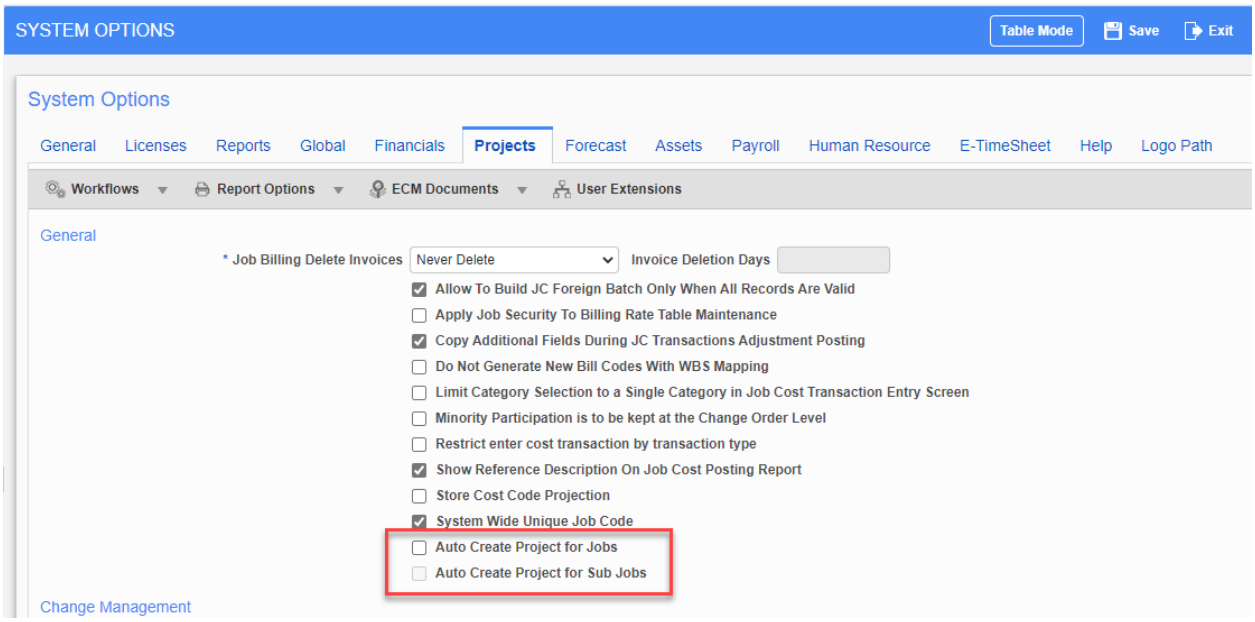
Added the ability to automatically create a Project when a Job is created.

This is to facilitate clients that do not use PM application, but need to use Change Management and Subcontract applications to create PCIs and Subcontracts, where a project code is required.

Modifications:

Added two flags in the System Options>Projects Tab

1. Auto Create Project for Jobs
2. Auto Create Project for Sub Jobs – Enabled only when the first flag is checked (Y)



System Options > Projects Tab

These two flags are hidden by default. Clients that need to use this functionality may make it visible using the 'Lite Editor'.

The default values for both flags are Un-Checked (N).

Un-Checked (N): Existing functionality applies. Job Creation will NOT auto create projects.

Checked (Y): New Functionality takes effect. Job creation will automatically create projects.

Implementation:

When the System Options flags are checked, the following programs will automatically create projects.

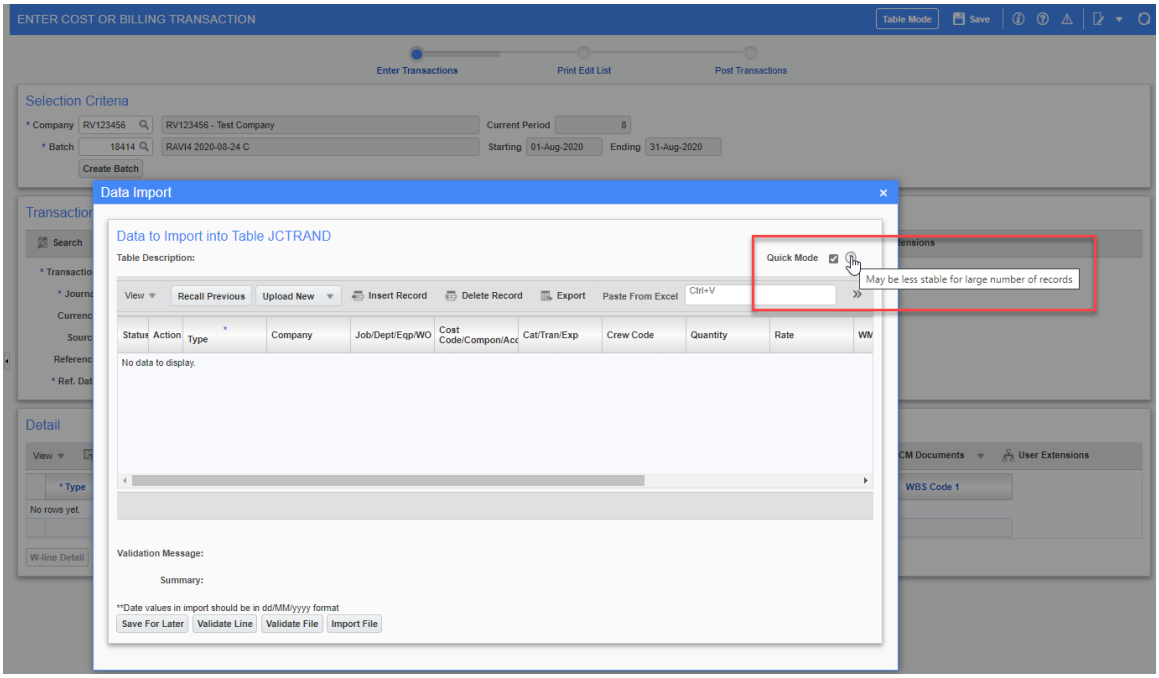
1. Job Entry upon save, will create a project for the job.
2. Win/Lose Bid Program upon winning a job, will create a project for the job.
3. Job Import utility, upon import of jobs, will create as many projects for the imported jobs.

NOTE: Since this is a system level option, this functionality is applicable to all the companies.

Transaction Entry – Import Function Quick Mode (20.26353)

Added a checkbox 'Quick Mode' to the import popup in Cost Transaction Entry, that will allow the user to switch between the V10x Import mode that can expire due to large dataset and the R12 import mode that may be taking a long time but not expiring.

The default value is checked for quick mode import of smaller data files.



Calculate Value Functionality in Enter Budget Screen (20.31776)

Overview

Ability to use calculate value functionality in Enter Budget screen. Calculate Value button is removed from Enter Budget screen and three new columns are added.

Pre-requisites

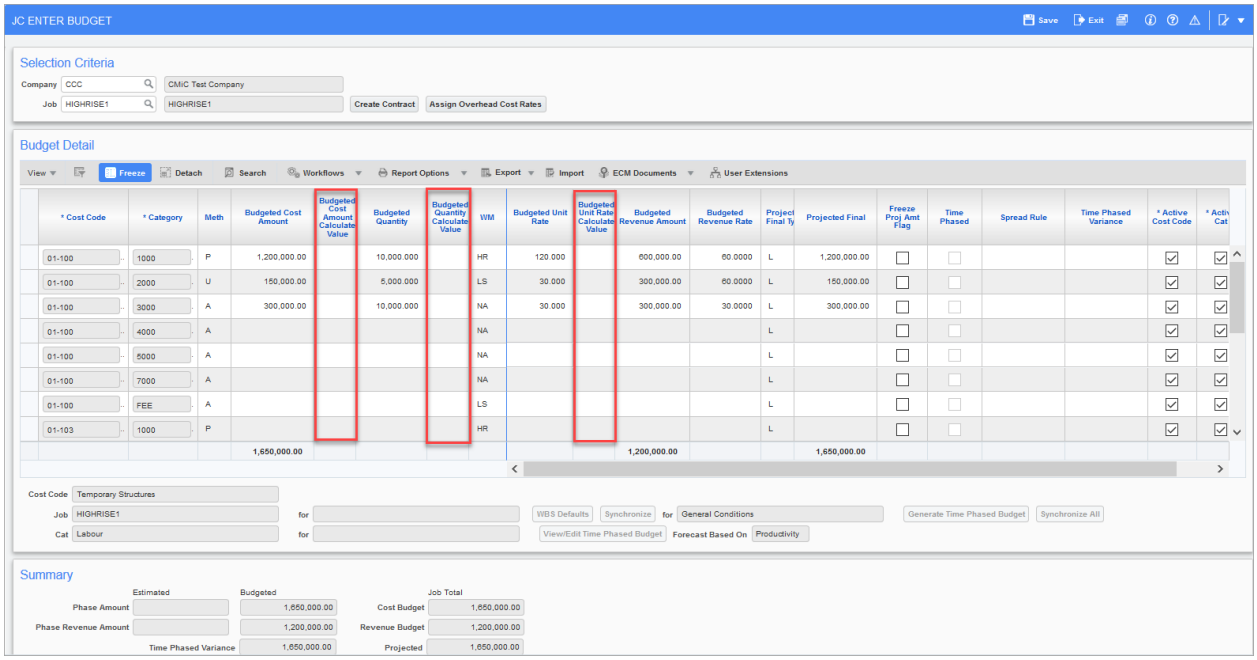
Three new columns added to Enter Budget screen

- Budgeted Cost Amount Calculate Value
- Budgeted Quantity Calculate Value
- Budgeted Unit Rate Calculate Value

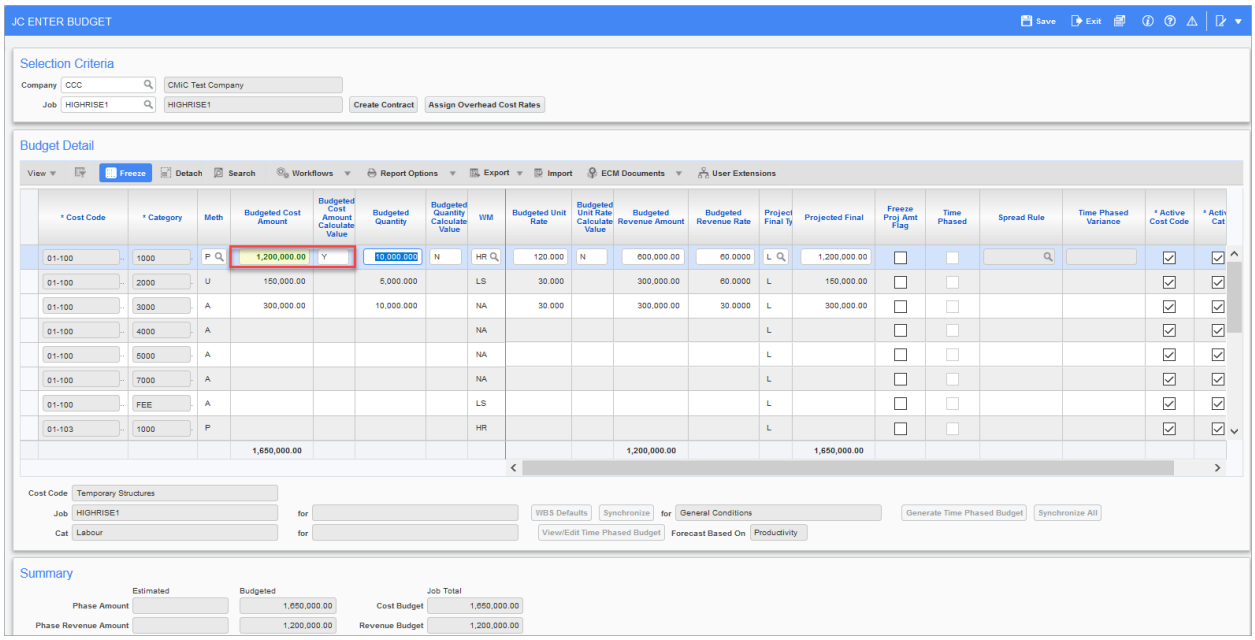
Values allowed in these three fields are Y, N or NULL. If user enters any other value, the program will change it to N. When one column is set to Y, the other two fields will be set as N. The column which is set to Y will be highlighted in yellow and text displayed in bold green color.

Modifications

The highlighted field shows 3 new columns



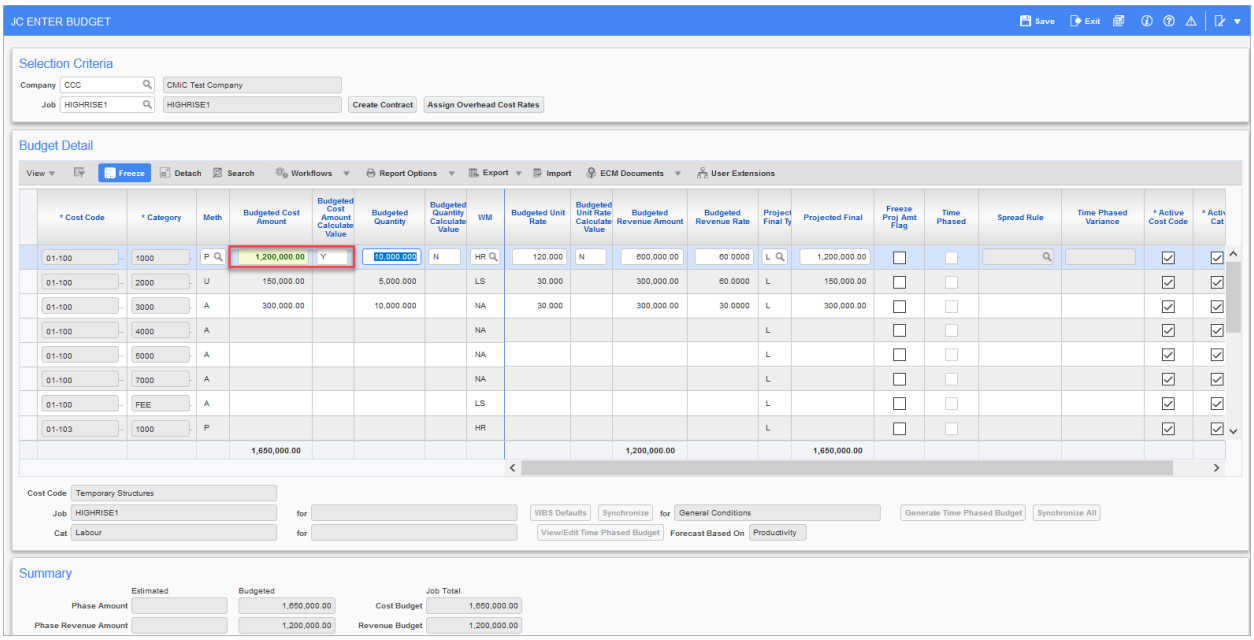
Job Costing > Job > Enter Budget



Job Costing > Job > Enter Budget

Implementation

The following screen shows calculated values for the selected job.



Job Costing > Job > Enter Budget

Following matrix shows the values updated and calculated upon using the Calculate Value function.

METHOD	BUDGETED COST AMOUNT	Budgeted Cost Amount Calculate Value	BUDGETED QTY	Budgeted Quantity Calculate Value	BUDGETED UNIT RATE	Budgeted Unit Rate Calculate Value	BUDGETED REV. RATE	BUDGETED REV. AMOUNT	PROJECTED FINAl
P	100000	Y	10000		10		10	100000	100000
	50000	Y	5000		10		10	100000	50000
	300000	Y	5000		60		60	300000	300000
	300000		5000	Y	60		60	300000	300000
	500000		5000	Y	100		100	500000	500000
	100000		5000	Y	20		20	100000	100000
	100000		5000		20	Y	20	100000	100000
	600000		5000		120	Y	120	600000	600000
	1200000		10000		120	Y	120	600000	1200000
U	200000	Y	20000		10		10	200000	200000
	100000	Y	10000		10		10	200000	100000
	400000	Y	10000		40		40	400000	400000
	400000		10000	Y	40		40	400000	400000
	500000		10000	Y	50		50	500000	500000
	600000		10000	Y	60		60	600000	600000
	600000		10000		60	Y	60	600000	600000
	300000		10000		30	Y	30	300000	300000
	150000		5000		30	Y	30	300000	150000
A	100000	Y	5000		20		20	100000	100000
	200000	Y	10000		20		20	100000	200000
	400000	Y	10000		40		40	400000	400000
	400000		10000	Y	40		40	400000	400000
	200000		10000	Y	20		20	200000	200000
	300000		10000	Y	30		30	300000	300000
	300000		10000		30	Y	30	300000	300000
	500000		10000		50	Y	50	500000	500000
	250000		5000		50	Y	50	500000	250000
		OVERRIDE							
		NO CHANGE							
		UPDATED							
	Y	SET AS Y TO CALCULATE VALUE							

Calculated Values from Enter Budget Screen

Ability to Store Forecast for Selected Records (20.30063)

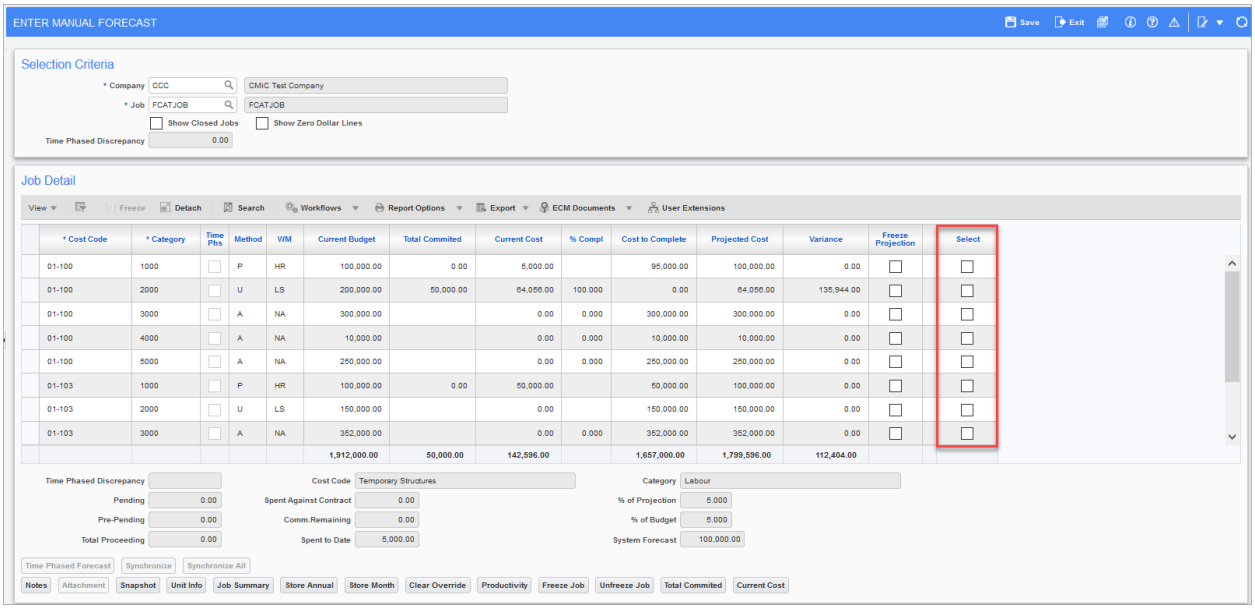
Overview

Checkbox is added in 'Enter Manual Forecast' program to store forecast for selected records.

- User must select detail line for which forecast needs to be stored
- Alert message is displayed prompting user to select ALL or SELECTED records to store forecast
  - ALL: All the records will be stored in the forecast
  - SELECTED: Only selected records will be stored
- If no record is selected, forecast is stored for all the records and alert message will not be displayed

Modifications

'Select' column containing checkbox is included in 'Enter Manual Forecast' program.



Job Costing > Forecasting > Enter Cost Forecast

Implementation

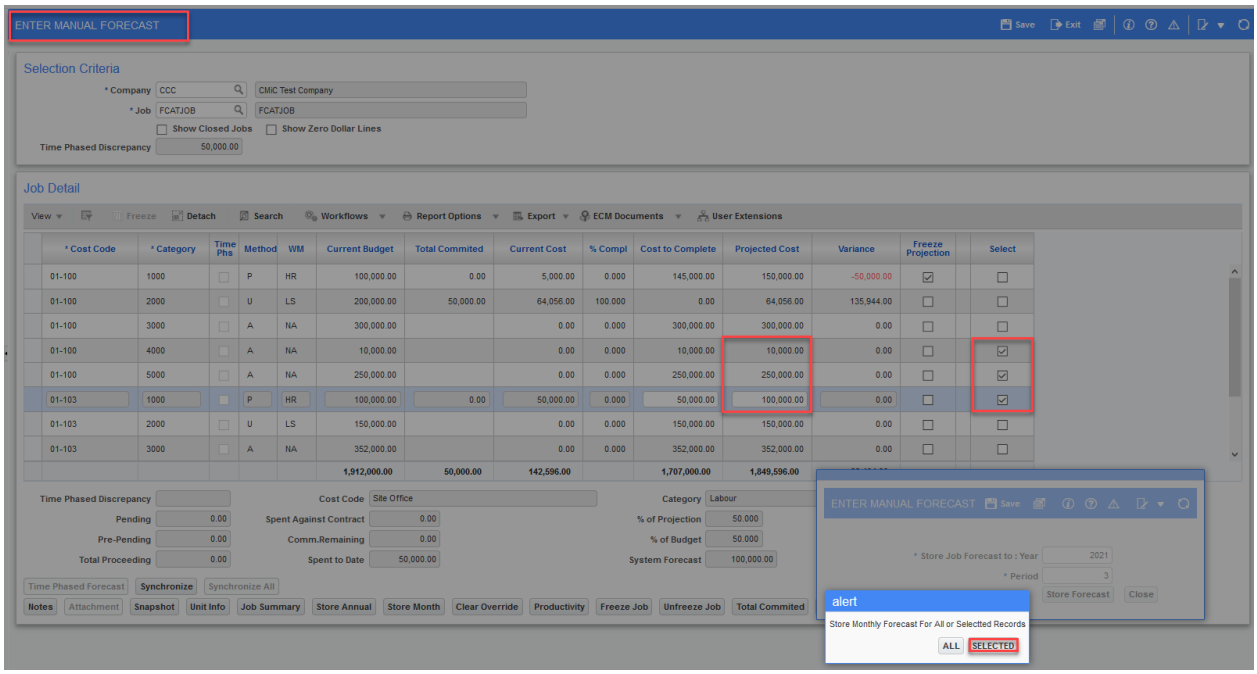
Comp: CCC

Job: FCATJOB

Selected few records as highlighted and click on [Store Month]

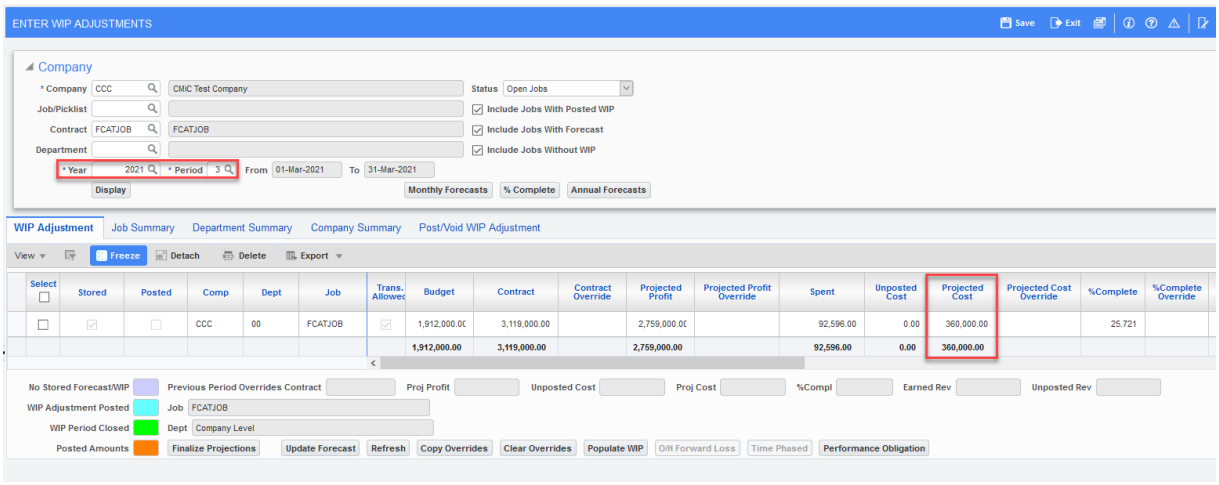
In alert prompt, click on [SELECTED]

Forecast stored to 2021-3



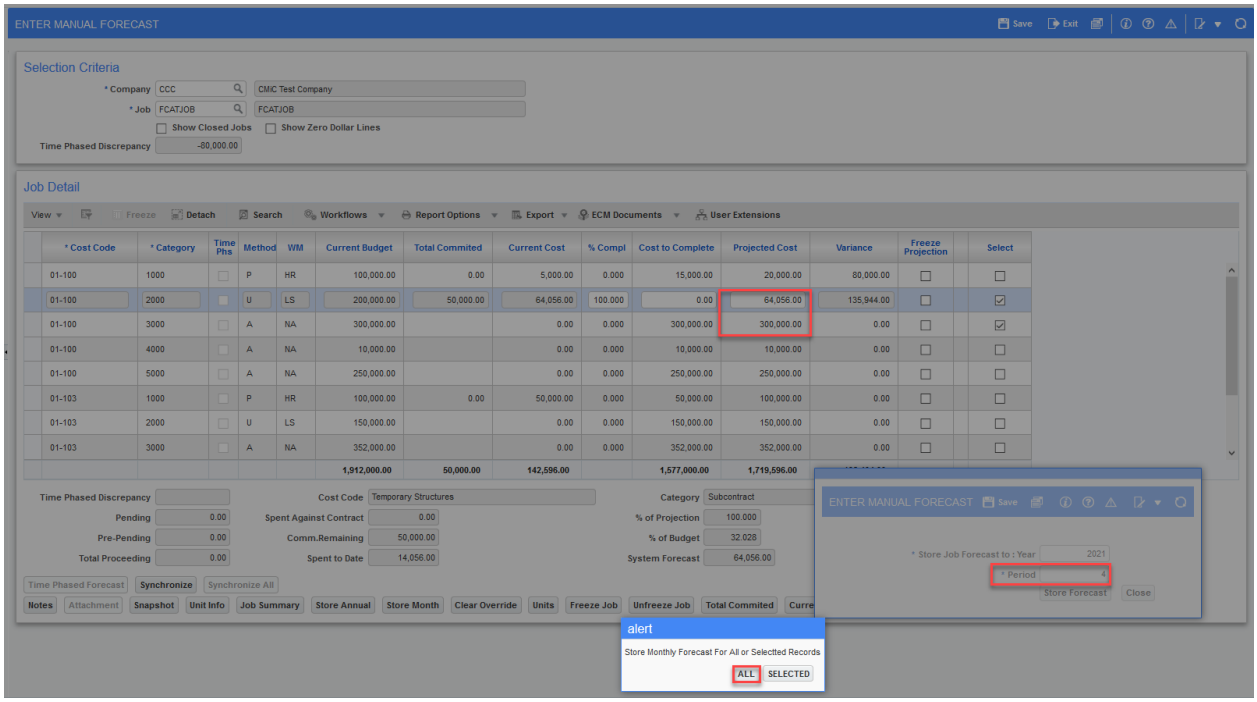
Job Costing > Forecasting > Enter Cost Forecast

Forecast stored only for selected records.



Job Costing > Work-In-Process Adjustments > Enter and Post Adjustments

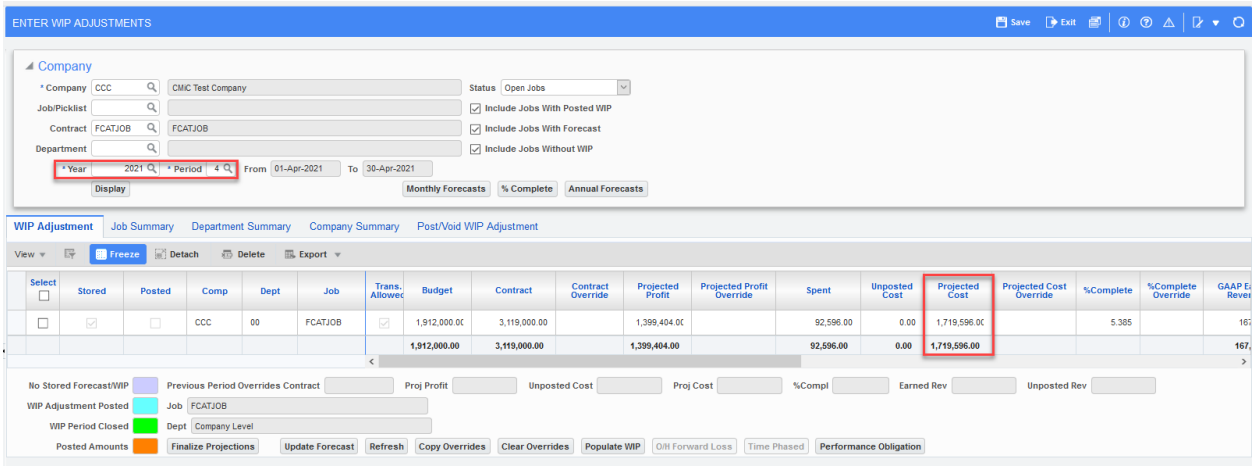
Select record as highlighted below and click on [**Store Month**].



Job Costing > Forecasting > Enter Cost Forecast – [Store Month] - Alert

Click on [**ALL**] to store all the records in forecast for 2021-4.

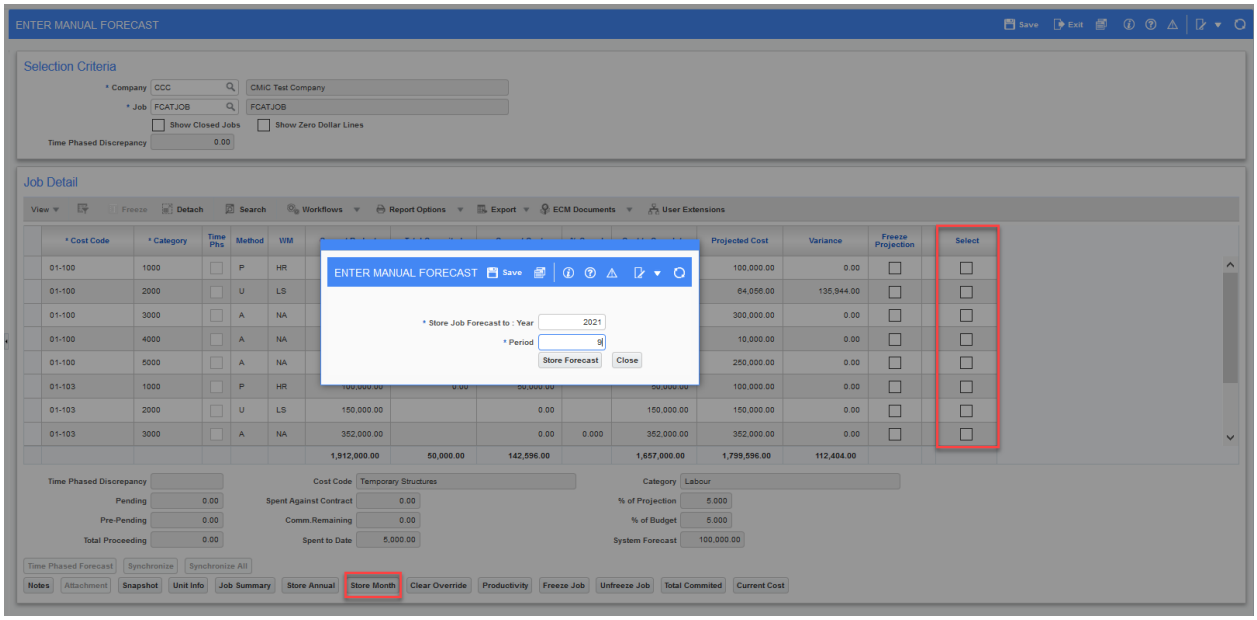
All records are stored in forecast when user clicks on [**ALL**] button.



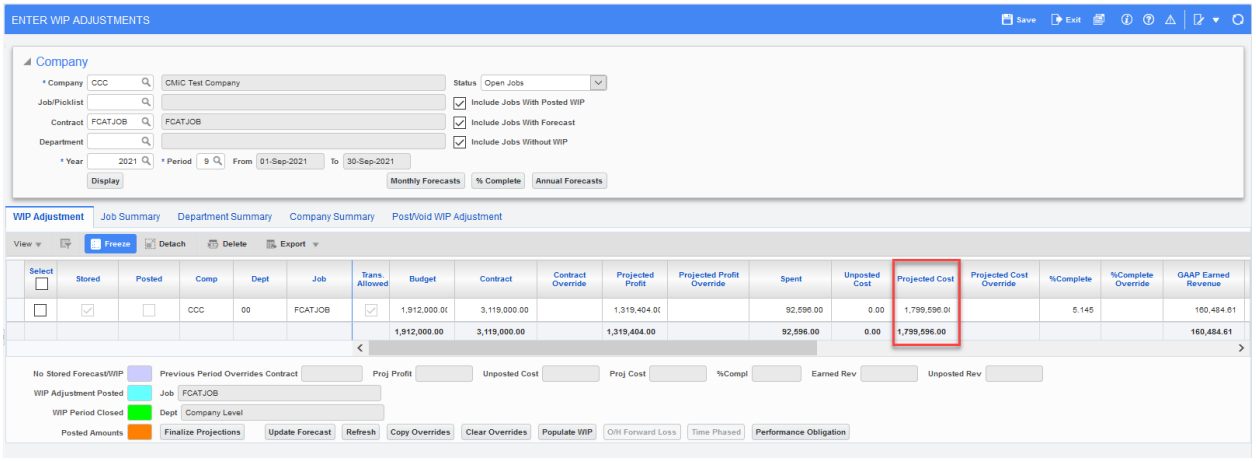
Job Costing > Work-In-Process Adjustments > Enter and Post Adjustments

No Record selected

If no record is selected, upon clicking [**Store Month**] alert message is not displayed.



Job Costing > Forecasting > Enter Cost Forecast – [Store Month] pop-up



Job Costing > Work-In-Process Adjustments > Enter and Post Adjustments

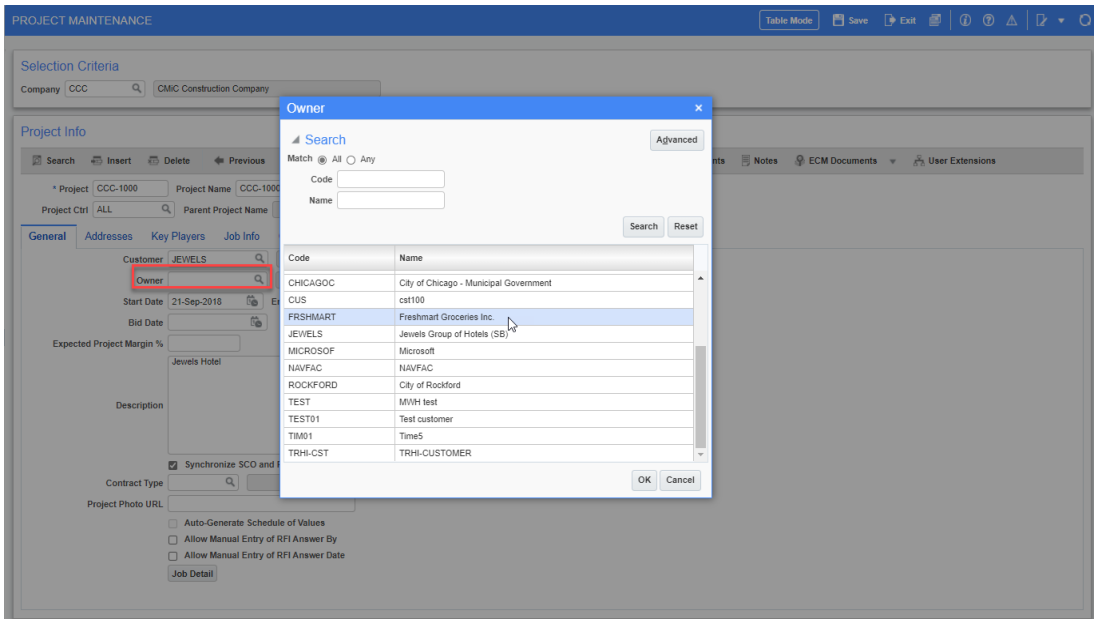
Project Entry – Added Owner Field (19.83413)

Overview:

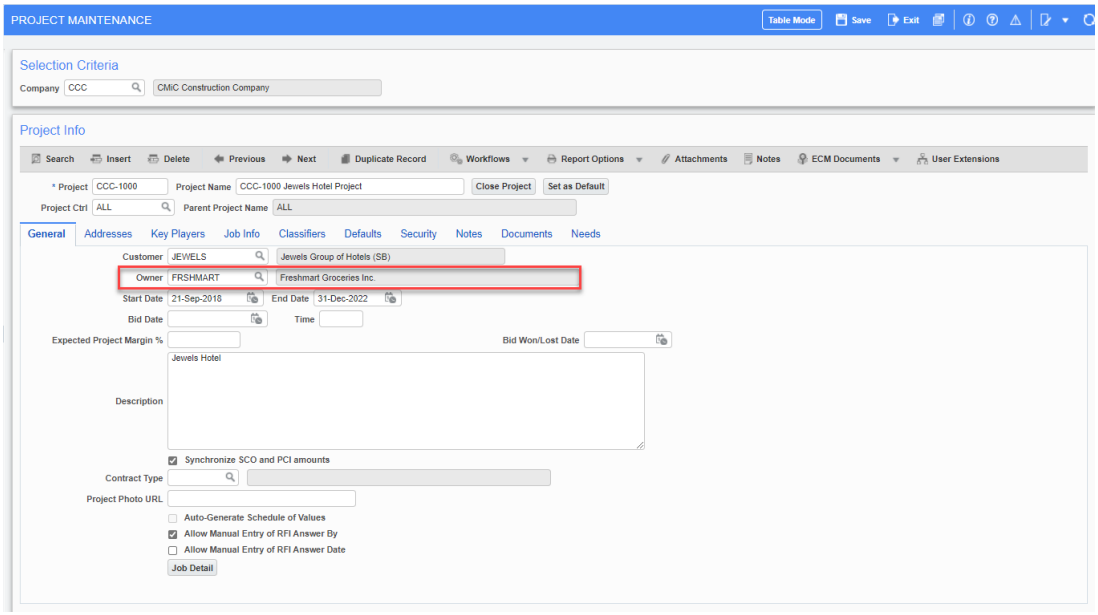
Added ‘Owner’ and ‘Owner Name’ field to Project Entry Program.

Modifications:

The Owner field LOV shows list of ‘Active’ customers. Users may select a customer value and save to be the owner of the project.



Project Controls> Job Costing> Job> Enter Project



Project Controls> Job Costing> Job> Enter Project

Cash Flow Report-Modified to add Suppress Zero Flag (21.40574)

Overview:

To add suppress zero flag to the Report JC7001-Job Cash Flow Report

Modifications:

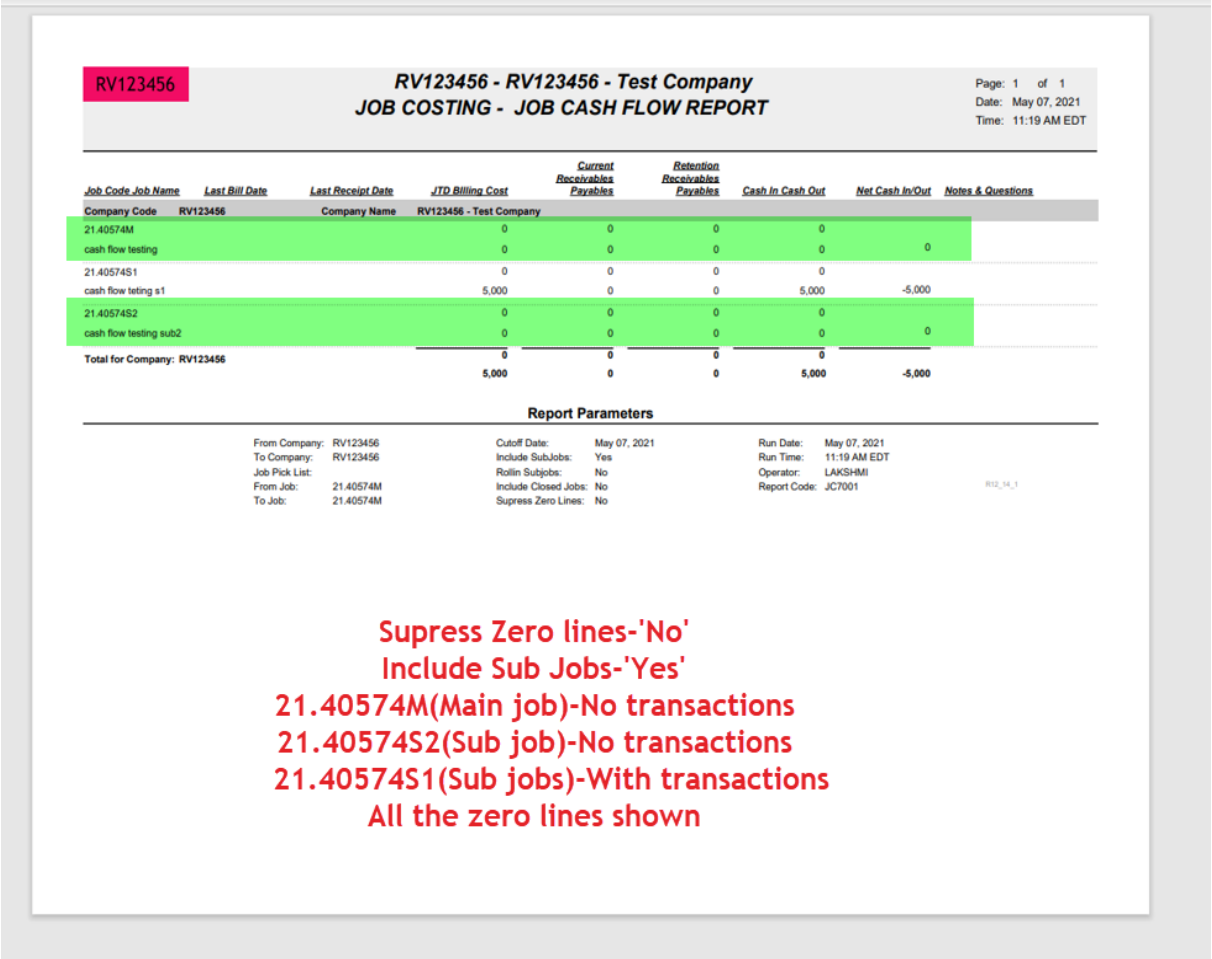
The suppress zero flag was added to the report JC7001 and the JSR views were modified to handle the new suppress zero flag.

a. When Suppress Zero flag is set to **'No' (Show Zero lines):** All the jobs in the range will appear in the report including the Zero lines.

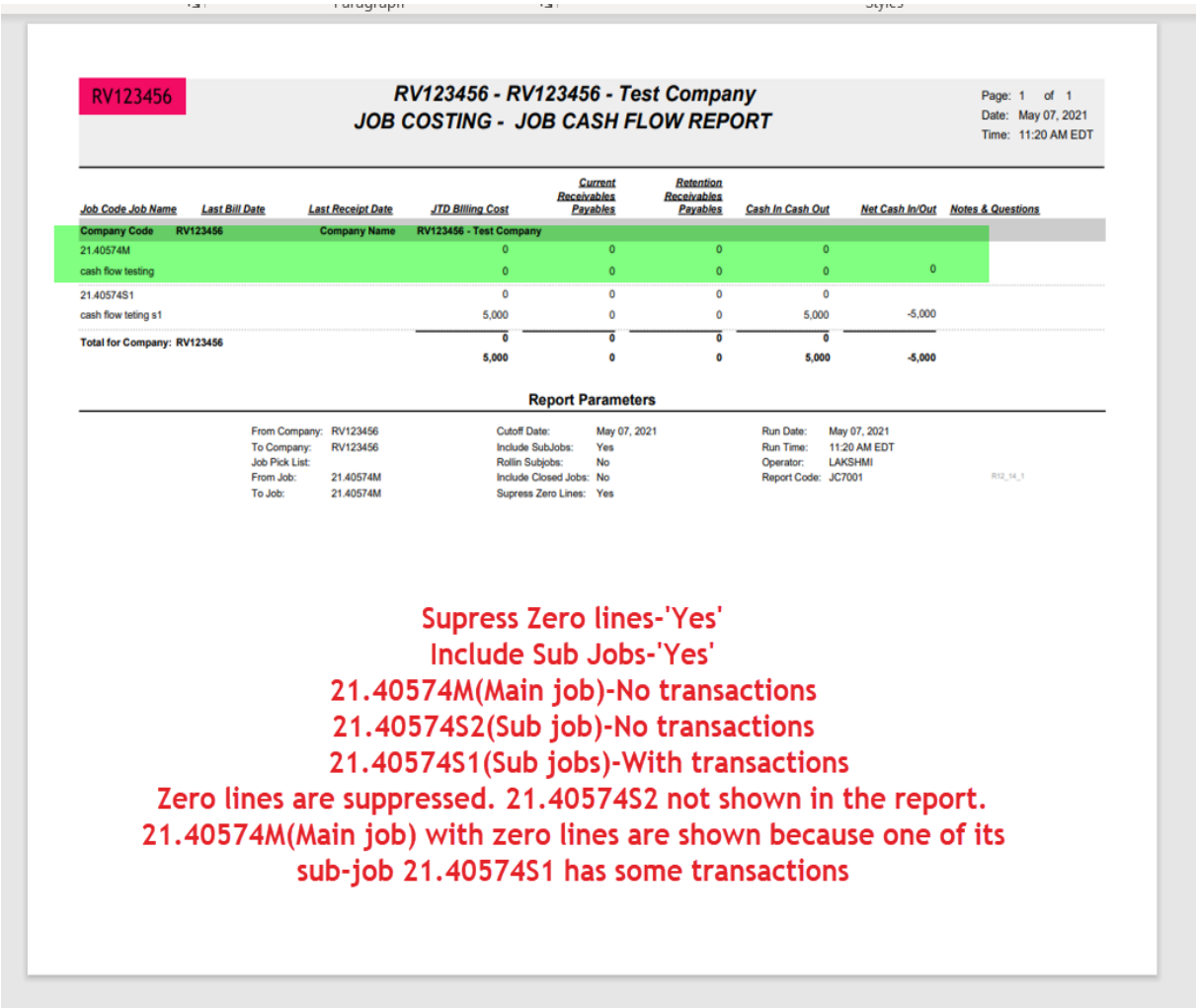
b. When the Suppress Zero Flag is set to **'Yes' (Suppress Zero lines):** All Zero Jobs will not be shown on the Report except in the following case:
When the include sub-jobs, flag is **'Yes'** and the sum of the transactions of the sub-jobs is greater than zero then the Zero lines for the control job will also be shown.

RV123456
Main job:21.40574M
Sub job:21.40574S1 and 21.40574S2

1.Show Zero lines: Suppress Zero flag set to 'No'



2.Suppress Zero lines: Suppress Zero flag set to 'Yes'



RV123456

RV123456 - RV123456 - Test Company
JOB COSTING - JOB CASH FLOW REPORT

Page: 1 of 1
Date: May 07, 2021
Time: 11:20 AM EDT

Job Code Job Name	Last Bill Date	Last Receipt Date	JTD Billing Cost	Current Receivables Payables	Retention Receivables Payables	Cash In Cash Out	Net Cash In/Out	Notes & Questions
Company Code	**RV123456**	**Company Name**	**RV123456 - Test Company**					
21.40574M			0	0	0	0		
cash flow testing			0	0	0	0	0	
21.40574S1			0	0	0	0		
cash flow teting s1			5,000	0	0	5,000	-5,000	
Total for Company: RV123456			**0**	**0**	**0**	**0**		
			5,000	**0**	**0**	**5,000**	**-5,000**	

Report Parameters

From Company:	RV123456	Cutoff Date:	May 07, 2021	Run Date:	May 07, 2021
To Company:	RV123456	Include SubJobs:	Yes	Run Time:	11:20 AM EDT
Job Pick List:		Rollin Subjobs:	No	Operator:	LAKSHMI
From Job:	21.40574M	Include Closed Jobs:	No	Report Code:	JC7001
To Job:	21.40574M	Supress Zero Lines:	Yes		

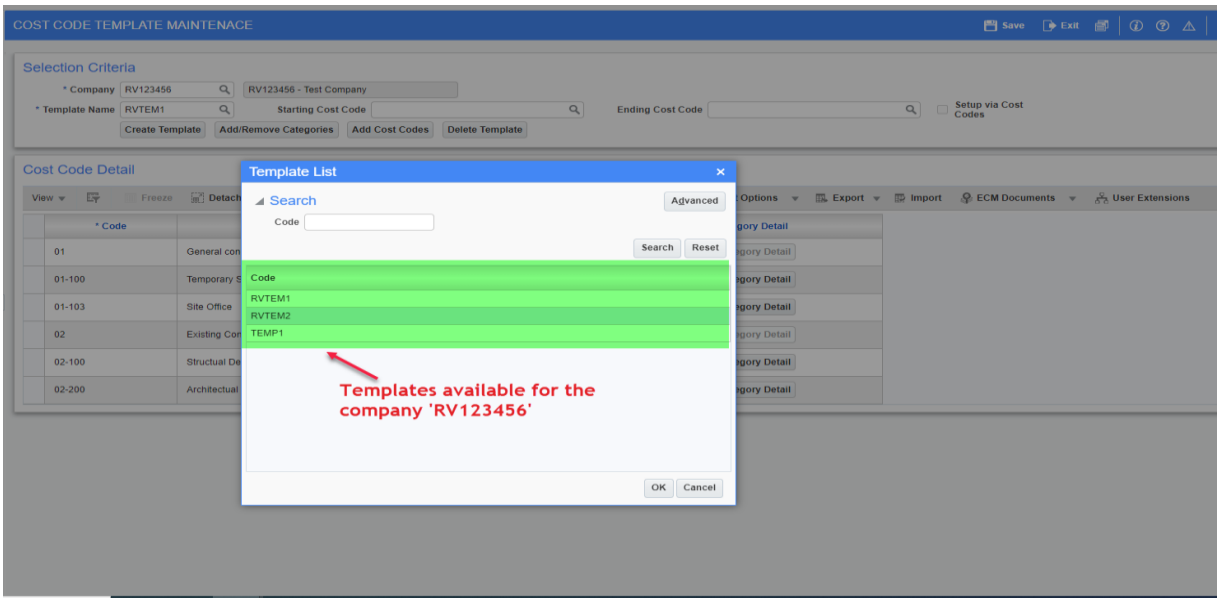
R12_14_1

Supress Zero lines-'Yes'
Include Sub Jobs-'Yes'
21.40574M(Main job)-No transactions
21.40574S2(Sub job)-No transactions
21.40574S1(Sub jobs)-With transactions
Zero lines are suppressed. 21.40574S2 not shown in the report.
21.40574M(Main job) with zero lines are shown because one of its sub-job 21.40574S1 has some transactions

Cost Code Template Deletion in R12 (21.36618)

Overview:

To provide the ability for the user to delete a Cost Code Template in R12.

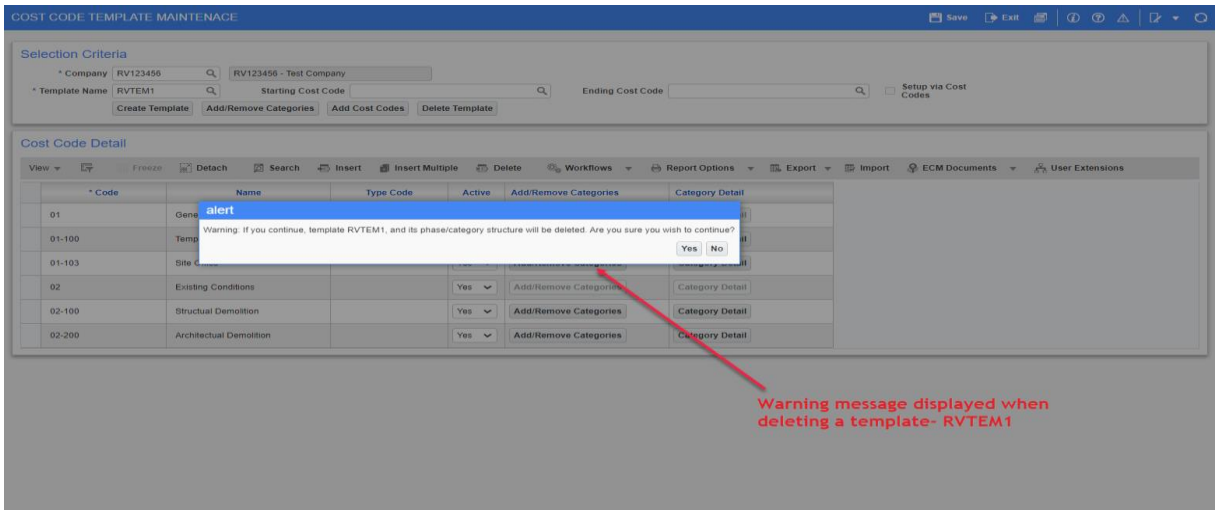


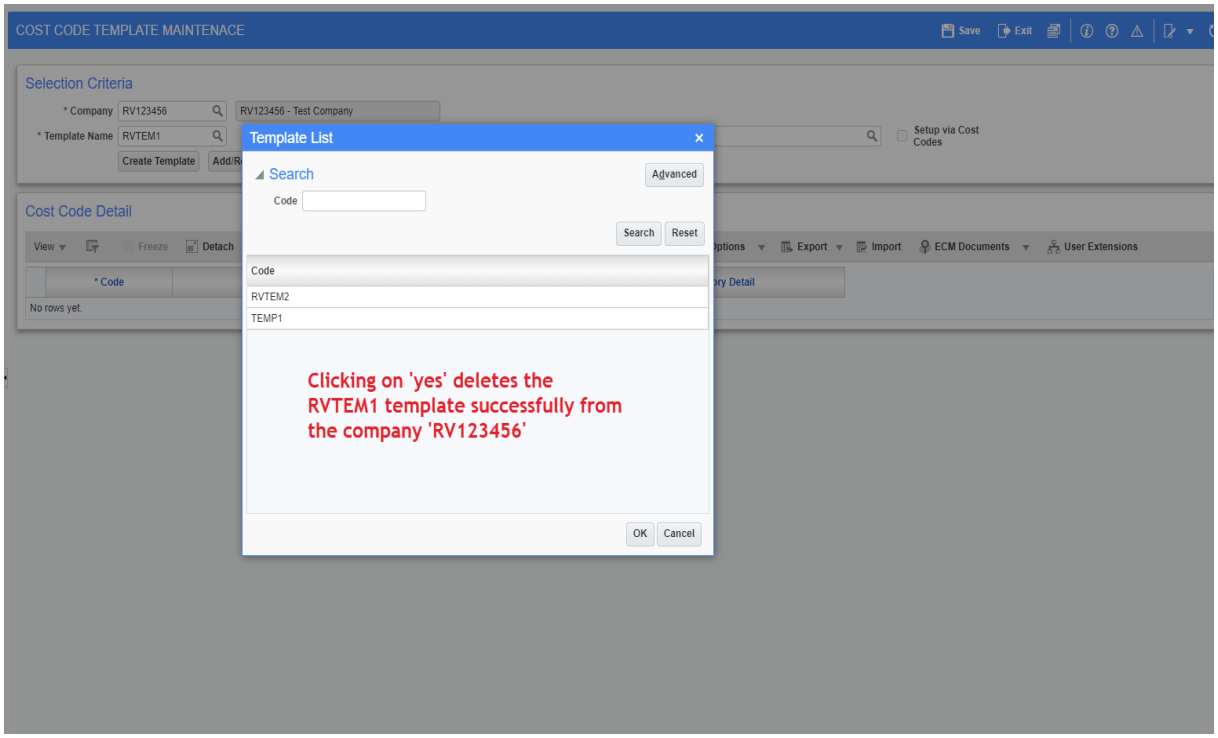
Modification:

A ‘Delete Template’ button is added on the template header in the ‘Cost Code Template Maintenance’ screen.

Screen Prints:

When a template is deleted using this ‘Delete Template’ button, user will be prompted with a warning message to confirm whether to proceed with the deletion or not.





Assign Job Cost Code Screen-Notes button enabled in the toolbar (20.35204)

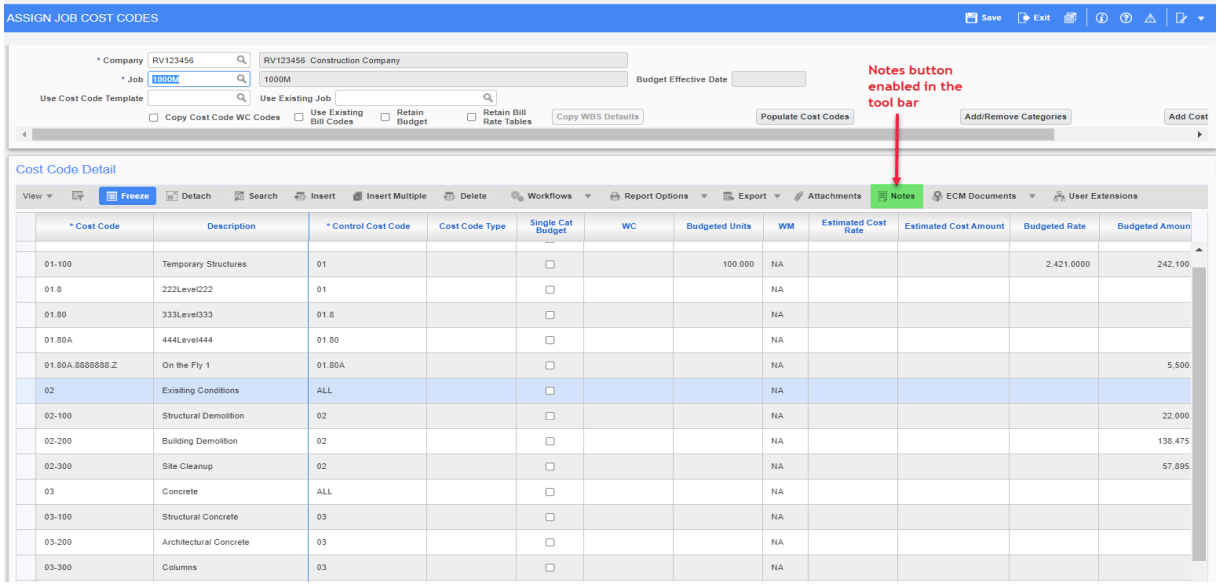
Overview:

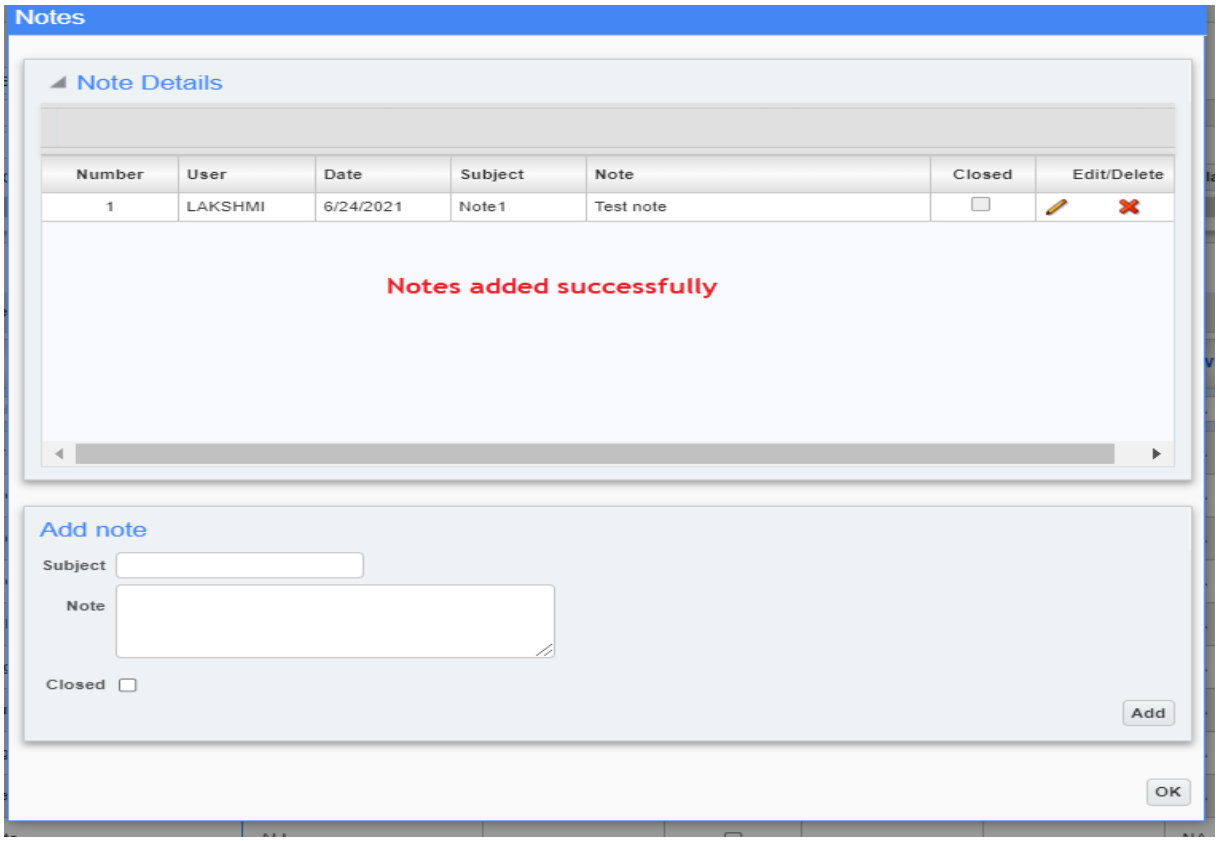
To enable Notes button in the tool bar for the ADF version of Assign Job Cost Codes program.

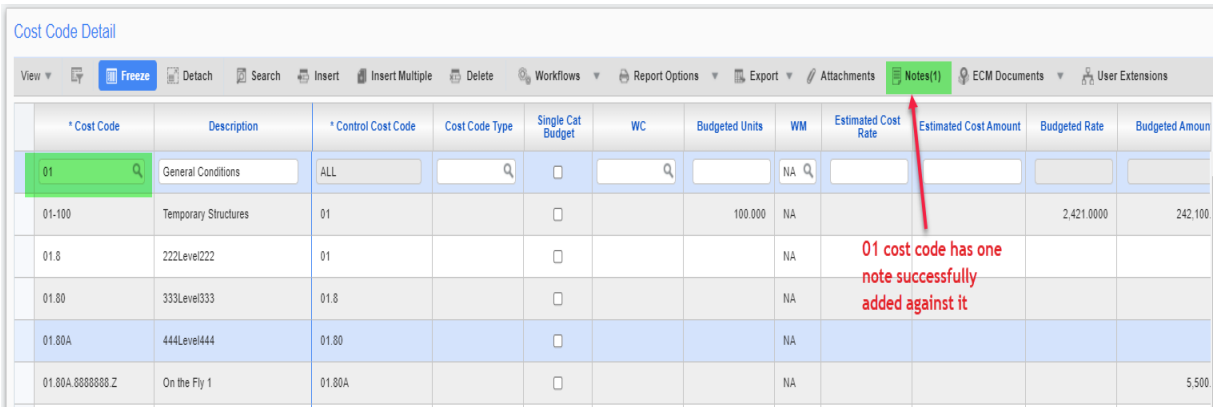
Modifications:

The Assign Job Cost Codes screen will now have the ‘Notes' button enabled in the tool bar where the user can enter notes against a particular cost code entry.

Screen Prints:







New Enhancement: Security in Customer Mapping (21.41775)

The ability to restrict user access to the Timesheet Import Template and Customer Mapping Code that is assigned to the job that the user has access to via job security. In other words, users should only have access to specific Import Templates and Customer Mapping Code.

Reason: In the existing modification if a user has access to the Timesheet Import Template program, then they could modify the details for any template. There is no way to restrict access to specific import templates.

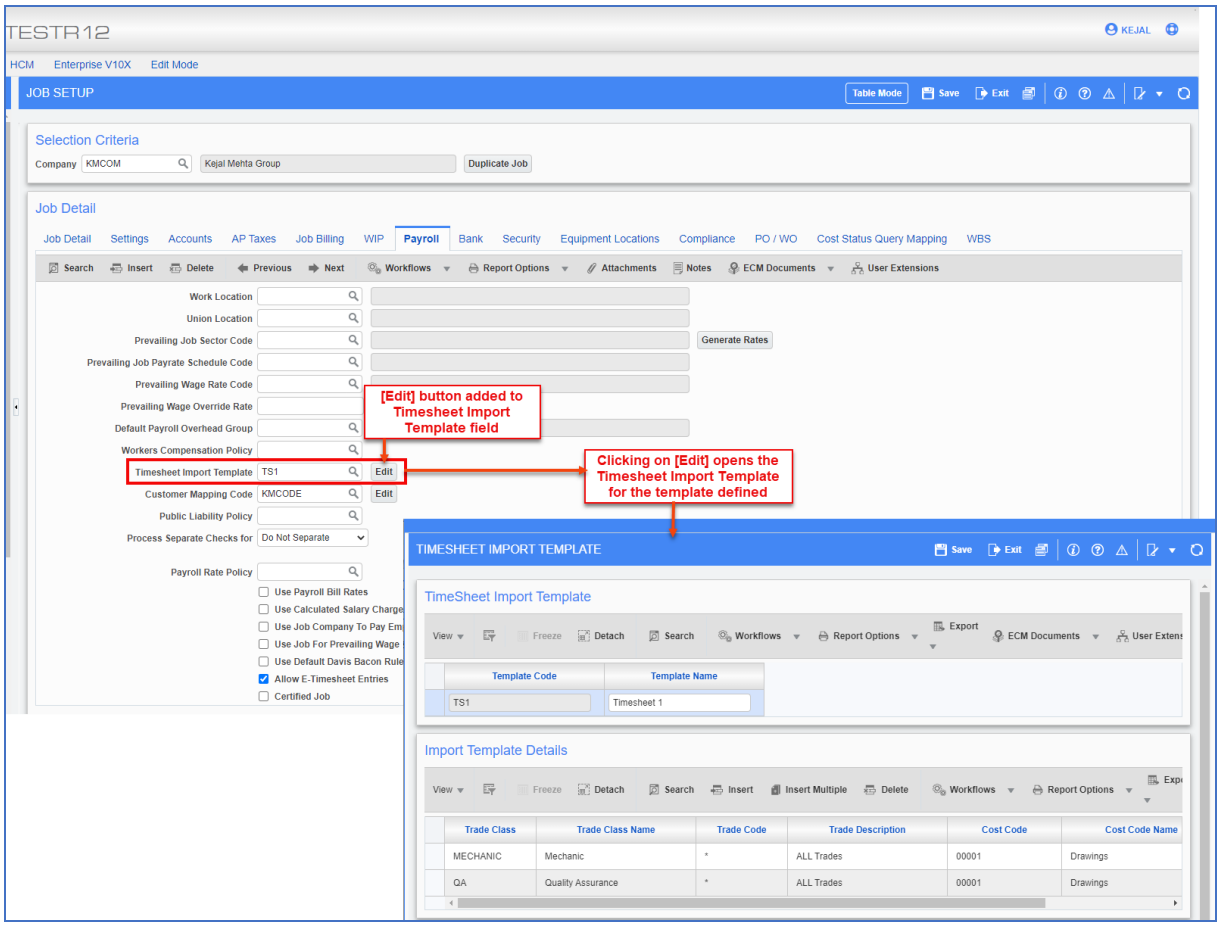
Modifications:

1. The Job Entry screen is modified to have an [Edit] button added next to Timesheet Import Template field. Clicking on Edit displays the template details for the queried template code. No other template is displayed, and user cannot navigate to a different template within the pop-up.

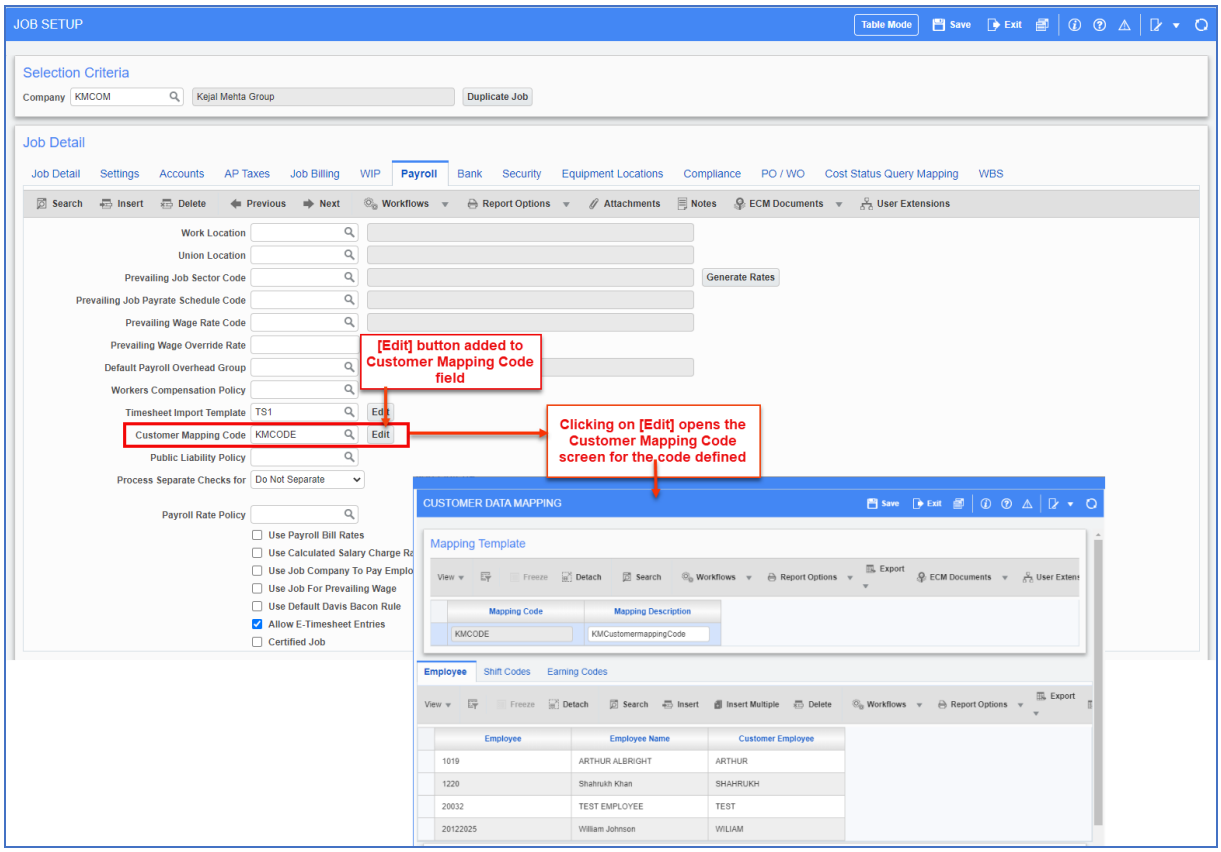
2. [Edit] button added next to Customer Mapping Code field. User can only modify the details for 'MAPPINGCODE' and cannot modify the details for any other mapping code within the pop-up.

Testing the setup:

2. Add an 'Edit' button next to the Timesheet Import Template field in Enter Job screen.
    a. Clicking Edit button will open the Timesheet Import Template in a pop-up window and display the template details for the template that is defined on that job.
    b. Within the pop-up window, users can only modify the template that is defined on that job. In the Edit pop-up window users cannot navigate between templates.
    c. Users cannot Insert, Update or Delete the Timesheet Import Code in the header block. However, the user can modify the description in the header and also the detail records of the queried record.

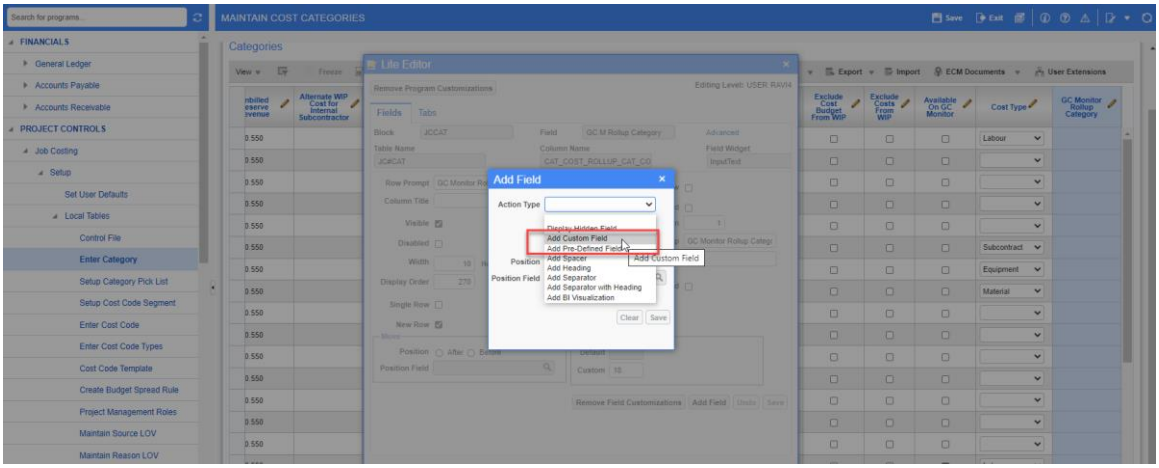


3. Add an ‘Edit’ button next to the Customer Mapping Code field in Enter Job screen
    a. Clicking on Edit button will open the Customer Mapping Code setup screen in a pop-up window and display the mapping details for the code that is assigned to that job.
    b. Within the pop-up window, users can only modify the Mapping Code details that is assigned to that job. In the Edit pop-up window users cannot navigate between Mapping Codes.
    c. Users cannot Insert, Update or Delete the Customer Mapping code in the header block. However, the user can modify detail records of the queried record. However, the user can modify the description in the header and the detail records of the queried record.



Category Maintenance – Ability to add Custom Fields (21.45471)

Added the ability to add custom/user defined fields in category maintenance program.



New Enhancement: Phase Code Structure by Department/Job
(20.21125)

Overview:

The cost code template is a mechanism that allows collection of cost codes and be applied to a job as opposed to setting each cost code individually on a job(s). If the mechanism of templates was not available, a user would have to set all cost codes on each job individually.

a. To setup templates, each cost code (regardless of its level) currently is required to be setup at the master level. The request being made against this enhancement is to remove the condition of the cost code being setup at the master level to setup the template.
b. The other request is to allow the use of templates in various screens, including setup of cost code on the fly.

Modifications:

The following modifications has been made to allow the user to setup templates and add cost codes that are not in the Master Cost Code list:

1.The following new flags has been added:

Job Cost Control File->Job Setup->Validate Cost Code Master- Not visible in the screen

System Options->Projects->Validate Cost Code Master (Added via Lite Editor)

The default value for this flag is 'Y'. If 'Y' (when the flag is checked), the cost codes added via 'Template Cost Codes' or 'Assign Cost Codes to Job' will be validated against the Master Cost Codes list and the Cost Codes must exist in the master list.

If value is set to 'N' (when the flag is unchecked), then the user can add cost codes that does not exist in the Master Cost Codes list.

2**. Cost Code Template Maintenance:** The templates can now be created without the cost codes being setup at the master level. For this the flag Validate Cost Code Master under System Options should be unchecked.

3**. Job Setup Screen:** A change is made to the job setup screen so that the user can specify a default template code.

A new optional field **'Cost Code Template'** is added

A new flag '**Automatically Apply Template to Job'** is added.

If a template is specified and the flag is checked this template will default on the Assign Cost Codes screen for the job. The user will be able to change it and use a different template if needed.

4.**Assign Job Cost Codes screen:**

-This screen has been modified so that it defaults the cost code template if it is specified in the job setup.

-It allows the user to add cost codes on fly.

If the flag 'Validate Cost Code Master' is set to 'Y' and the cost code added is not in the master error message will be shown on saving.

If the flag 'Validate Cost Code Master' is set to 'N', then the cost code added will be assigned to the job even if the cost code is not in the master list

-If a template is specified in the ‘Use Cost Code Template’ then when using ‘Add Cost Codes’, it will show only the template cost codes that were not already been assigned to the job

-If a template is not specified in the ‘Use Cost Code Template’ then when using ‘Add Cost Codes’, it will show only the cost codes from the Master Cost Codes list that were not already been assigned to the job

5.**Quick Cost Code/Category Insert:** The user now will be able to specify a template when assigning cost codes on the fly. For this the flag Validate Cost Code Master under System Options should be unchecked.

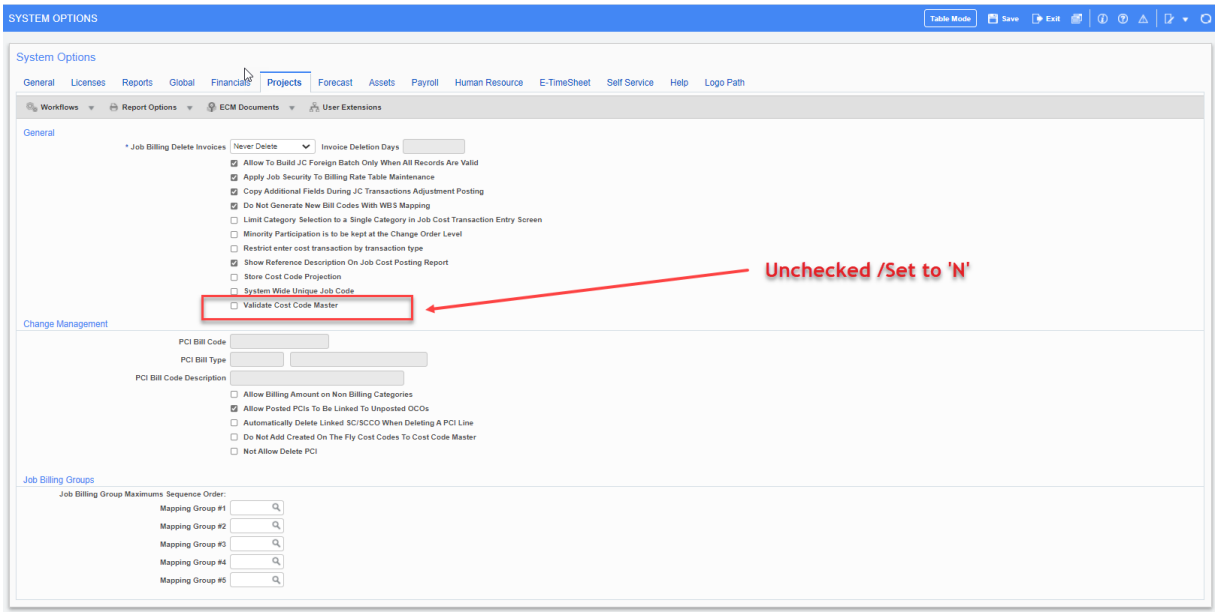
-A new field **‘Cost Code Template’** has been added in the Quick Cost Code/Category Insert

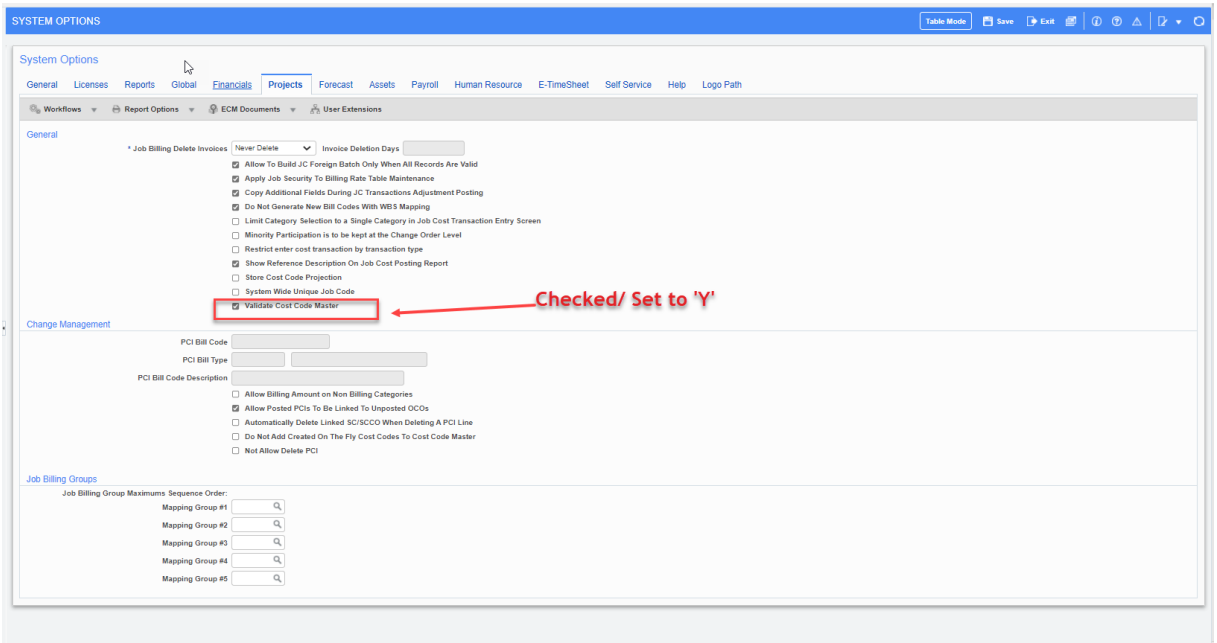
-The Cost Code LOV has been modified in such a way that if a template is specified in the Cost Code Template field, then the LOV will retrieve all cost codes of the template. If a template is not specified, then the LOV will show all the cost codes from the Master Cost Codes list.

-If segmentation is enabled, and the template is specified then the field Segments LOV will retrieve all cost codes of the template. If the template is not specified, then the field Segments LOV will retrieve all the cost codes present in the Master Cost Codes list.

Screenshots:

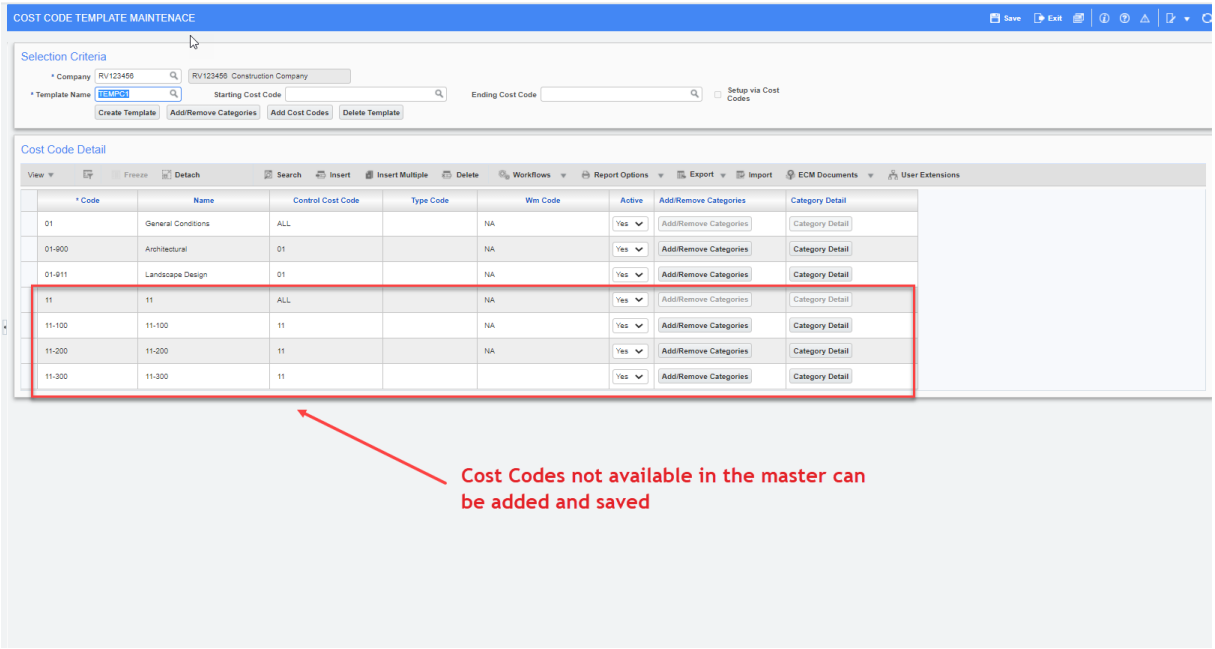
System Options->Projects->Validate Cost Code Master (Added via Lite Editor)



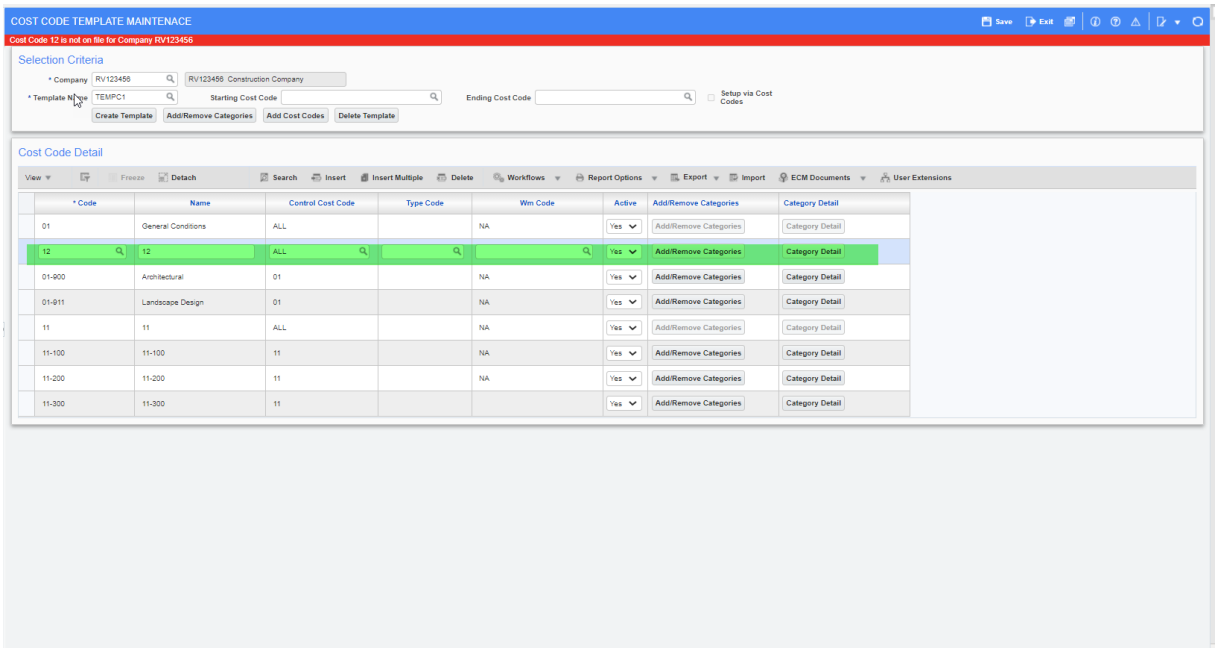


Cost Code Template Maintenance:

If the flag 'Validate Cost Code Master' under System options is unchecked (set to 'N') the new cost codes added is not validated against the master list. The new cost codes can be added and saved successfully.

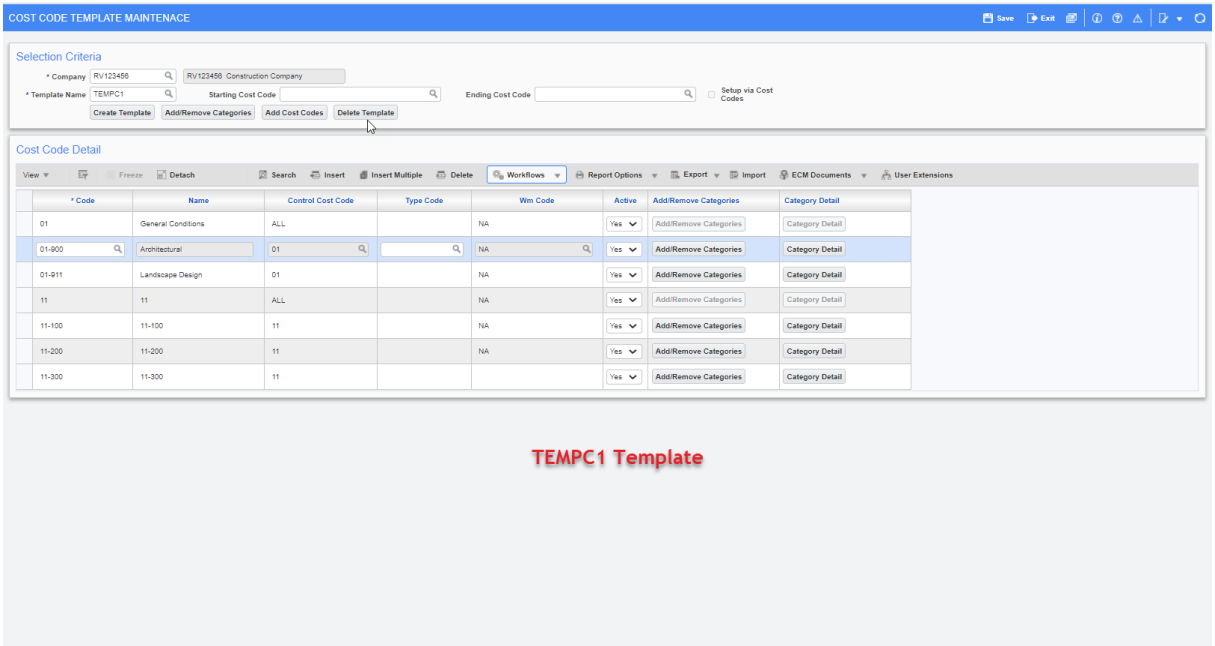


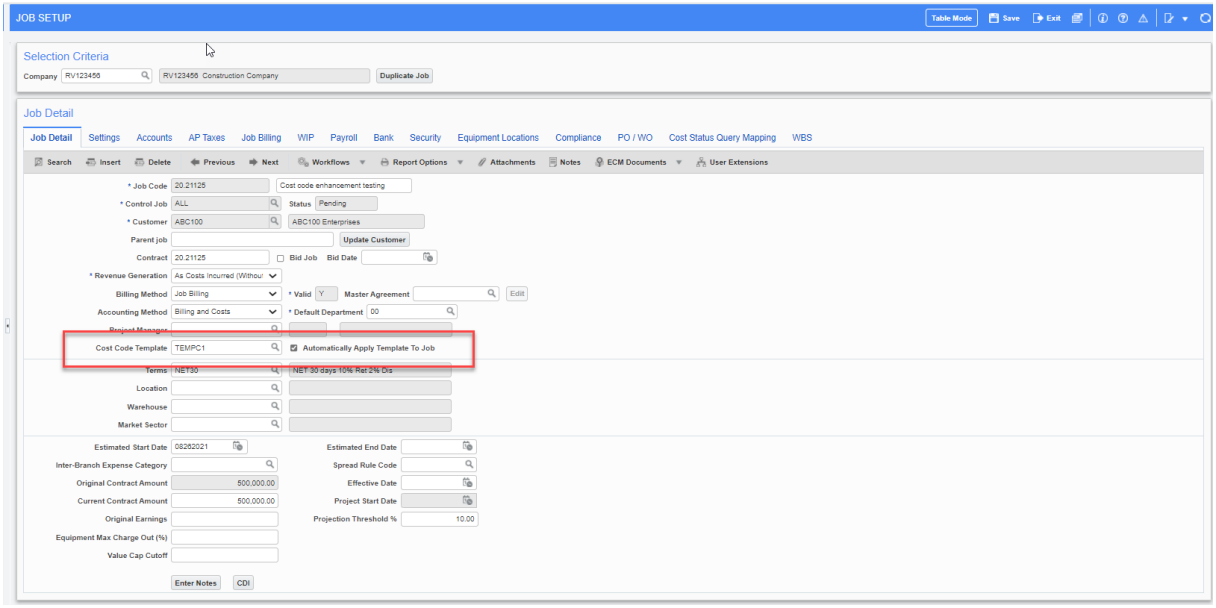
If the flag 'Validate Cost Code Master' under System options is checked (set to 'Y') the new cost codes added is validated against the master list. If the new cost codes are not in the master list, then it will show an error when saving.



Job Setup Screen:

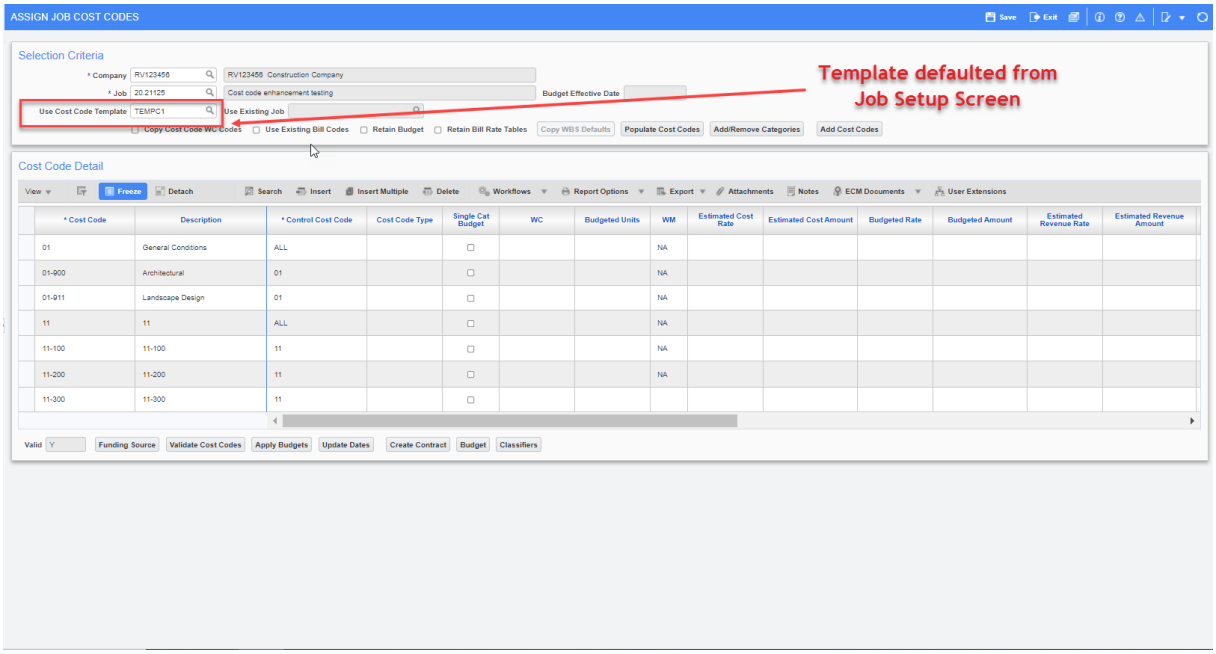
TEMPC1 is the template assigned to the job 20.21125 and the flag ‘Automatically Apply to Job’ is checked.



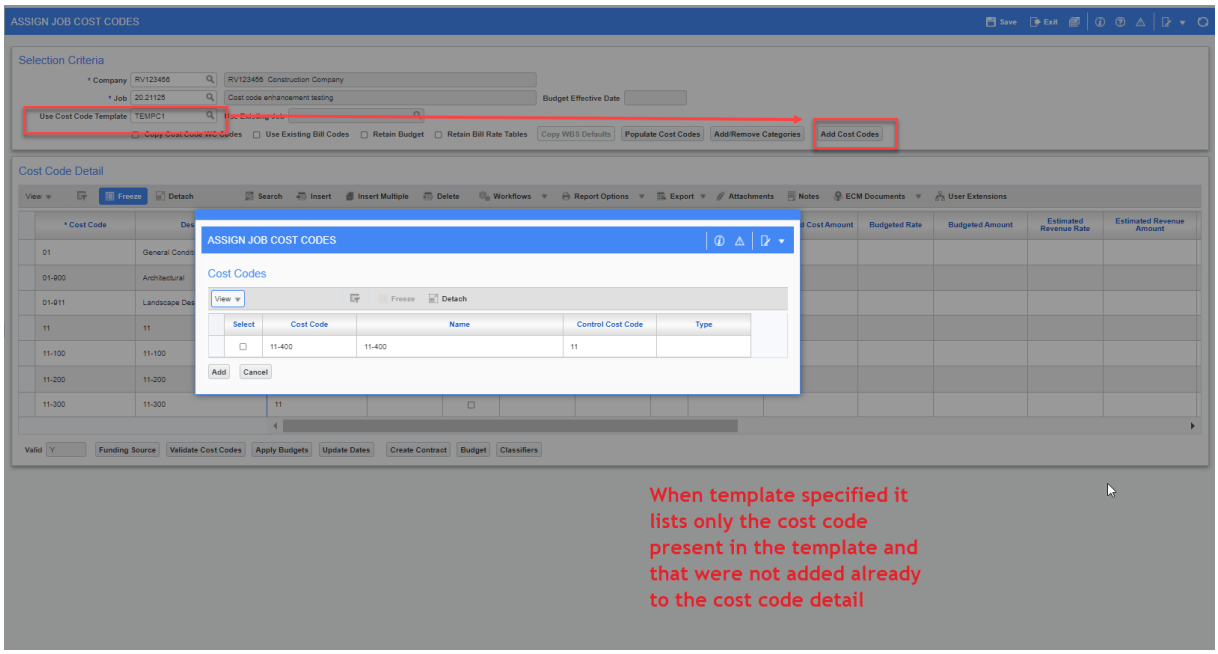


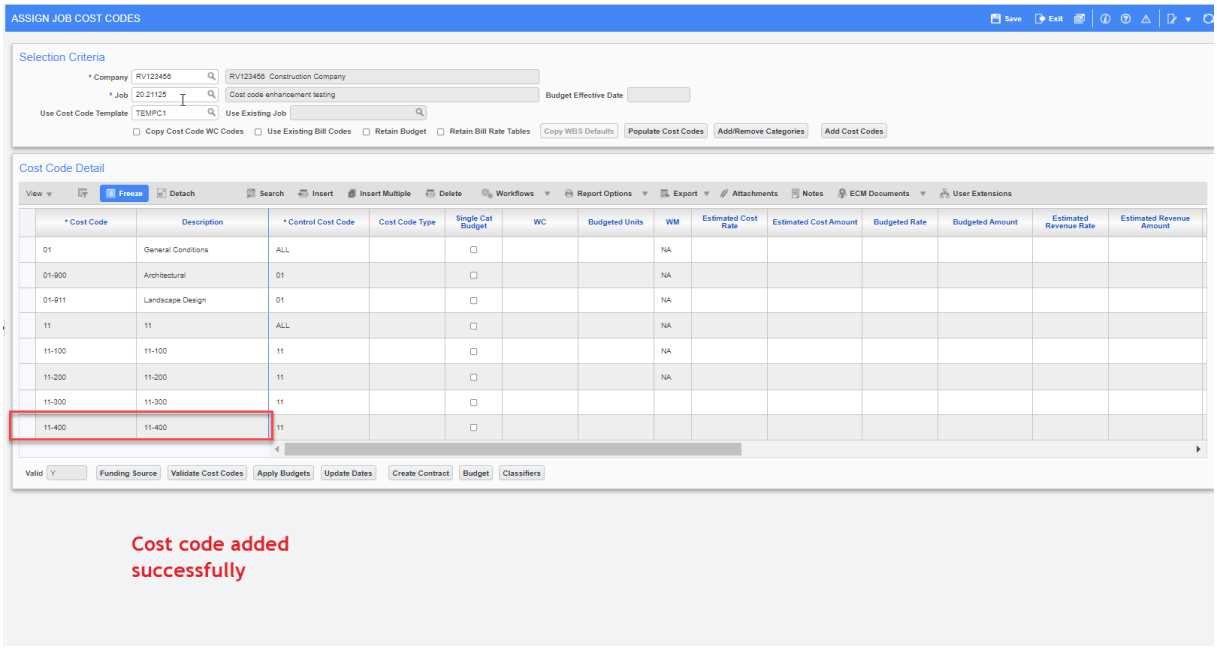
Assign Job Cost Codes Screen:

The template defaults from the Job set up screen. The cost codes from TEMPC1 template are assigned to the job on ‘Assign Cost Codes’ screen

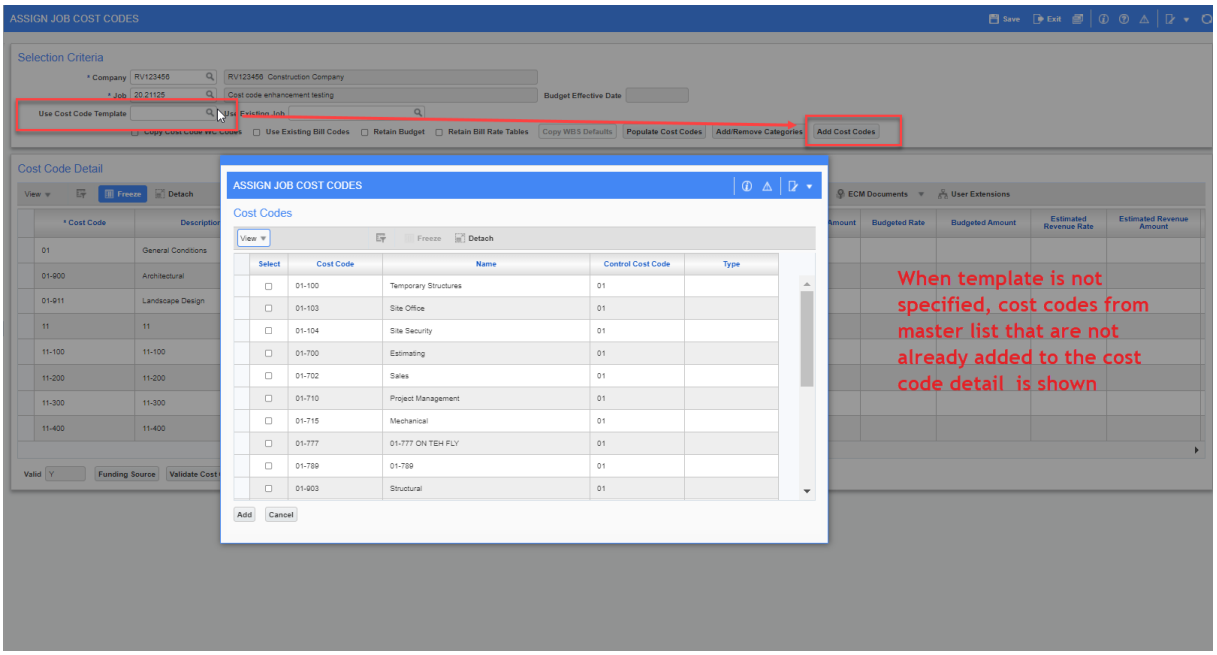


Template specified in the Use Cost Code Template and adding Cost Codes via Add Cost Codes button



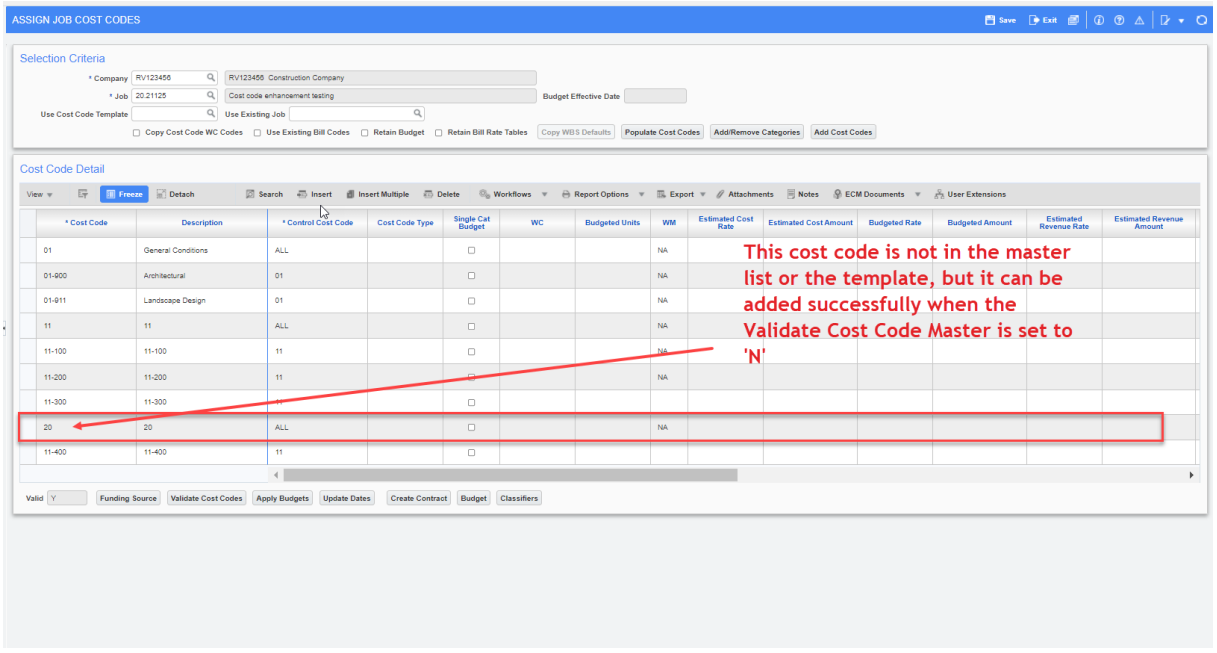


Template not specified in the Use Cost Code Template and adding Cost Codes via Add Cost Codes button

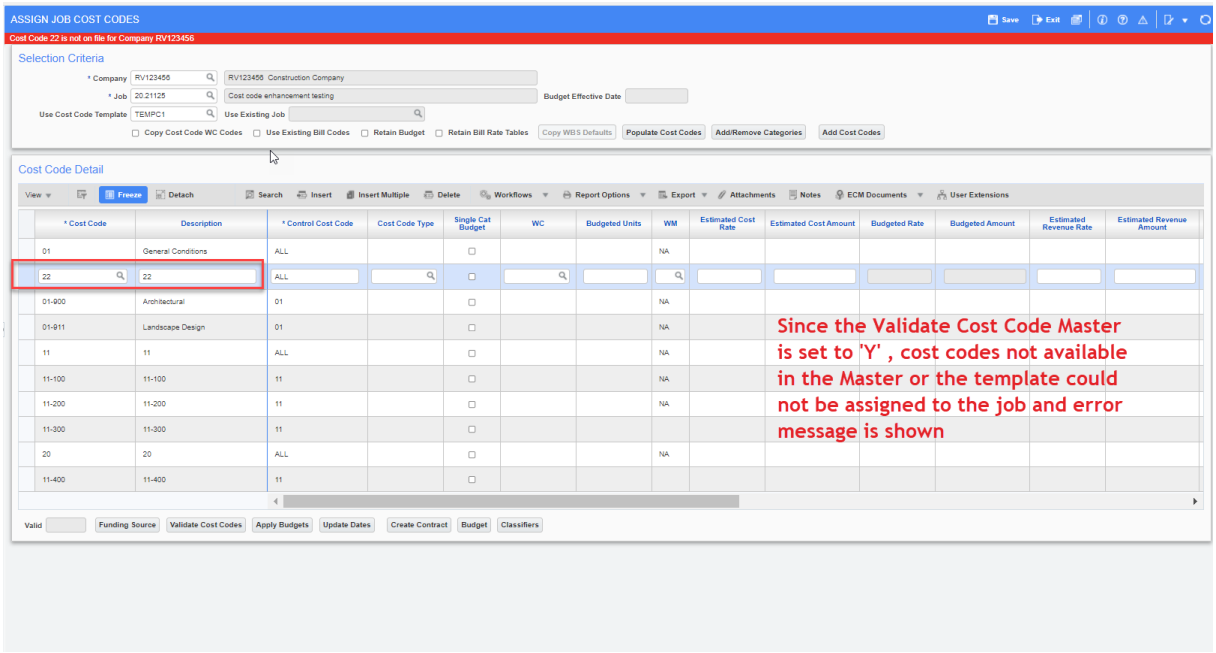


Assigning Cost Codes to the job that are not in the Master Cost Code List or the template (Cost Codes on fly):

Validate Cost Code Master is set to 'N', cost codes assigned to the job successfully.

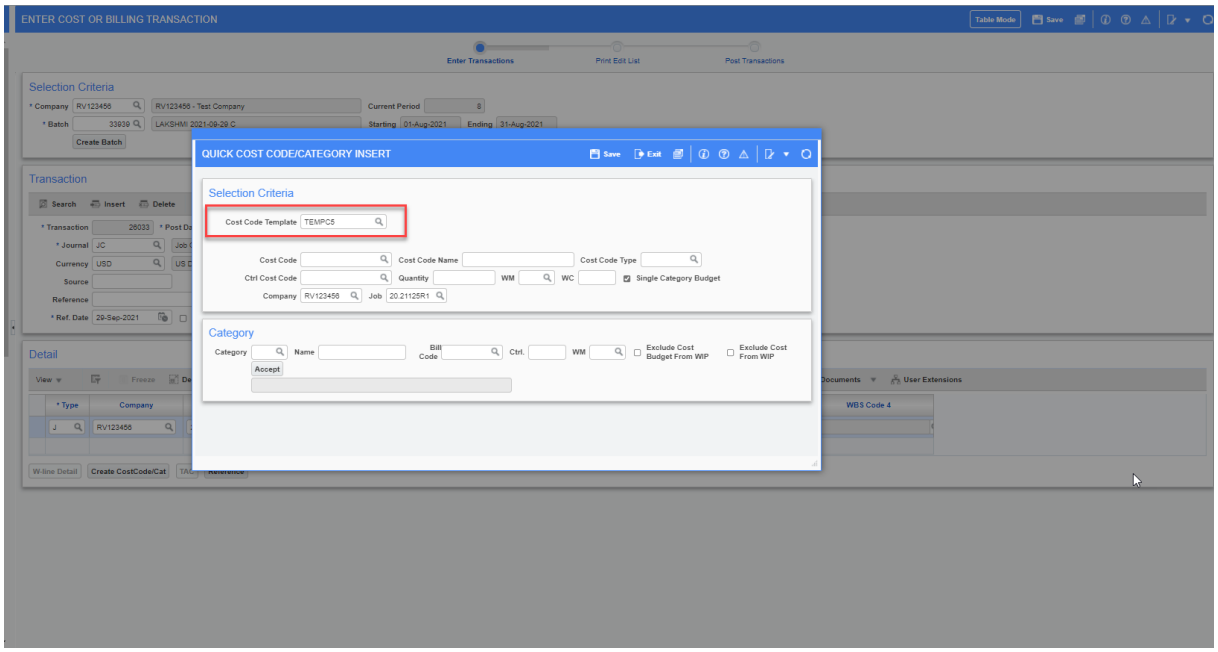


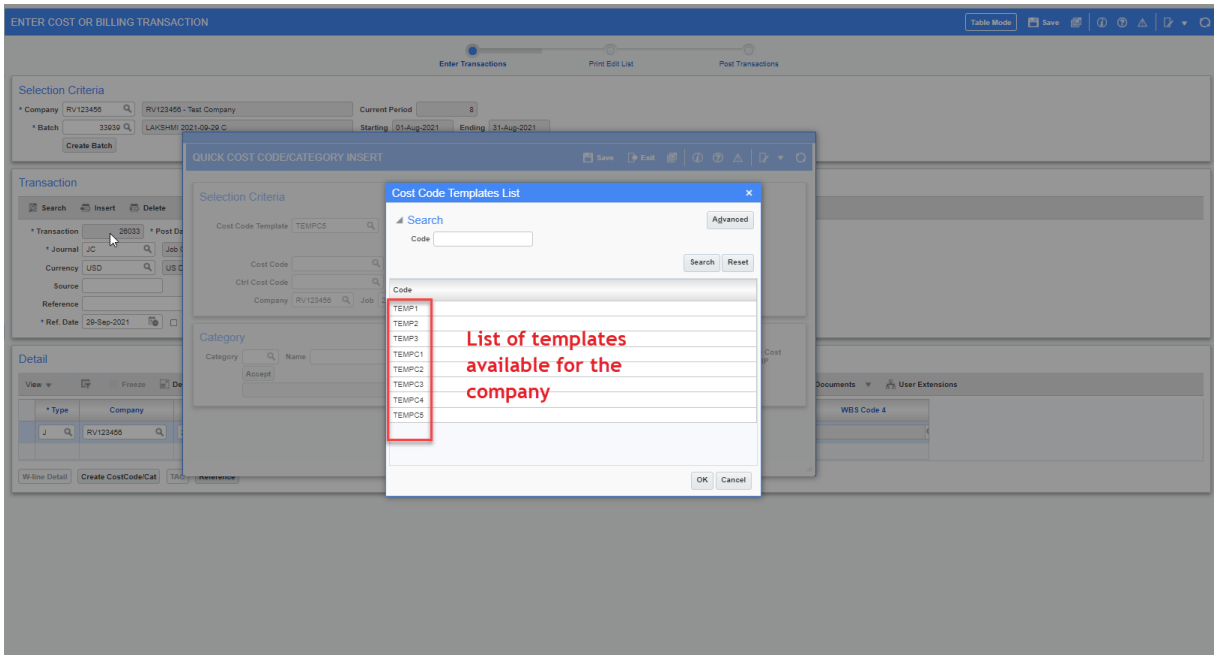
Validate Cost Code Master is set to 'Y', and if the cost codes are not in the master list, then it will show an error when saving.



Quick Cost Code/Category Insert:

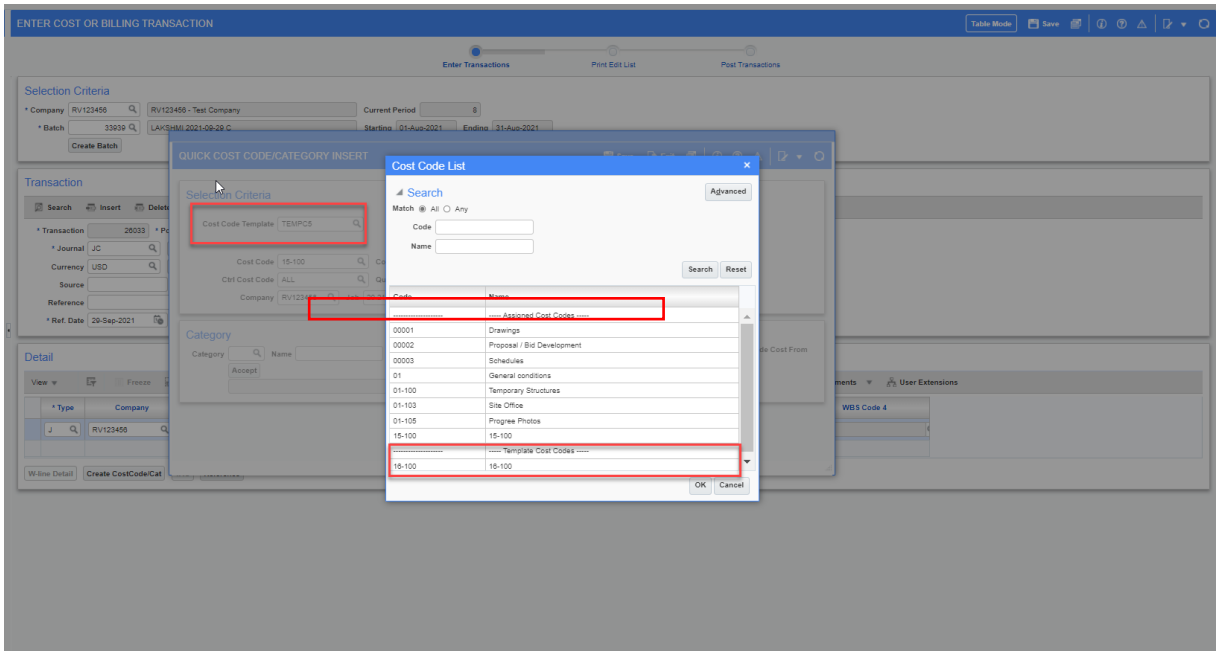
A new field ‘Cost Code Template’ has been added in the Quick Cost Code/Category Insert that will list all templates available for the given company.





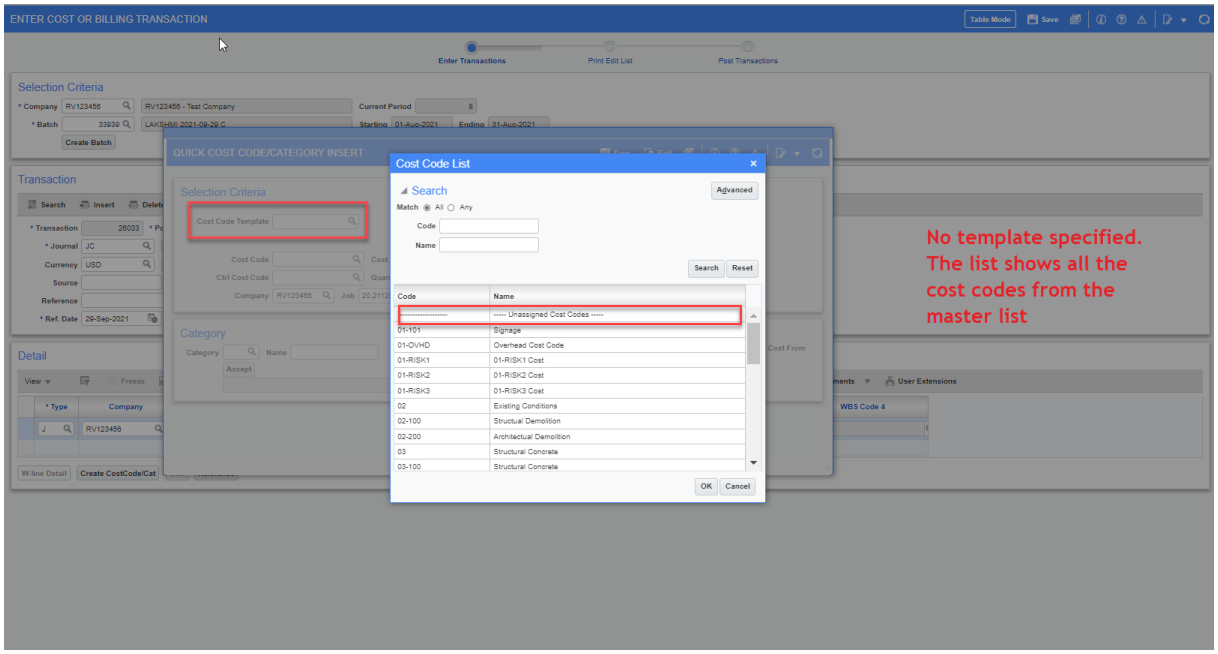
If a template is specified in the Cost Code Template field, then the Cost Code LOV will retrieve all cost codes of the template and show the cost codes in the following two sections:

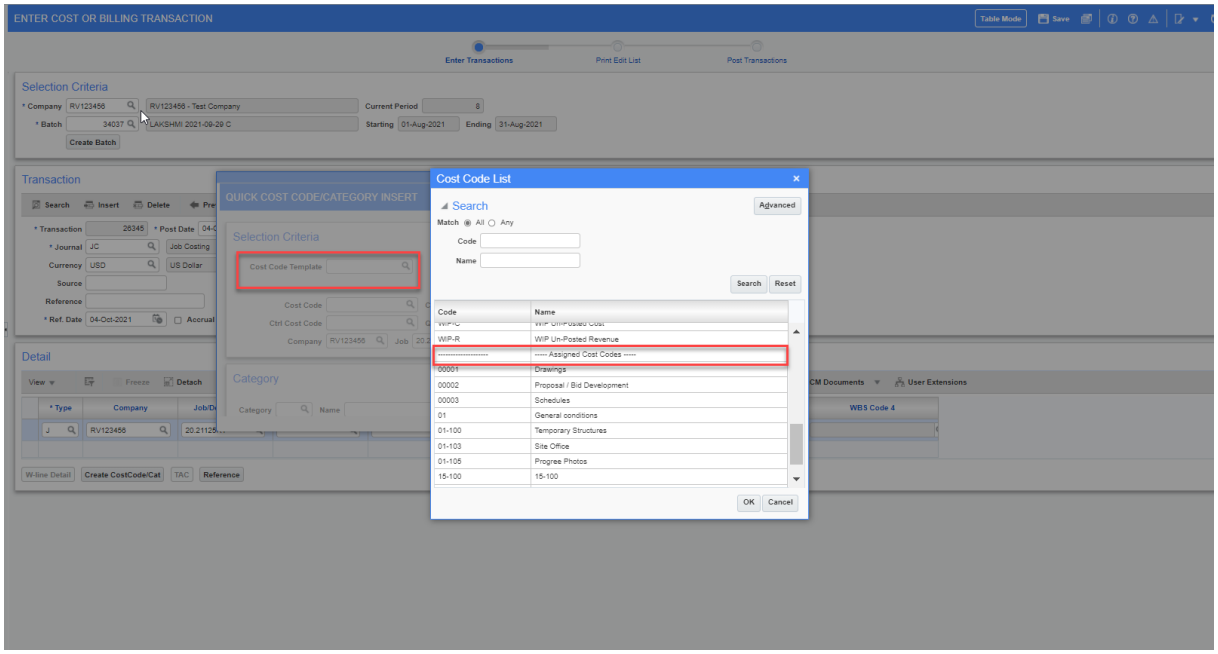
- Assigned Cost Codes
- Template Cost Codes



If a template is not specified, then the Cost Code LOV will show all the cost codes from the Master Cost Codes list and displays the cost codes under the following two sections:

- Assigned Cost Codes
- Unassigned Cost Codes

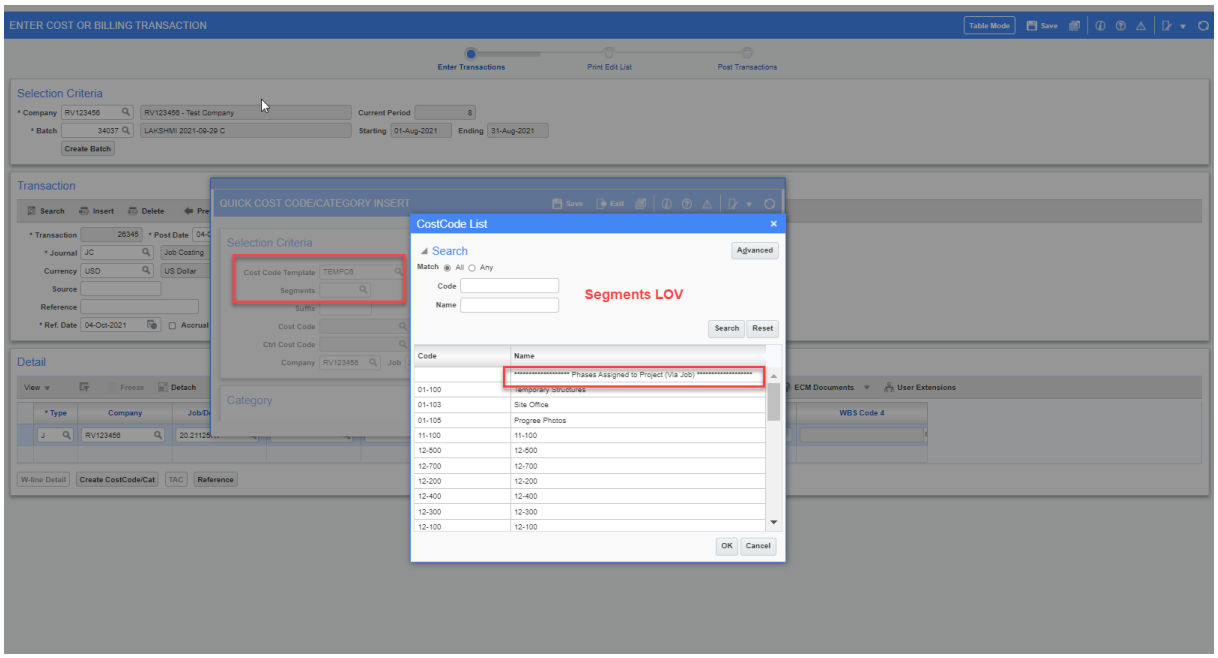


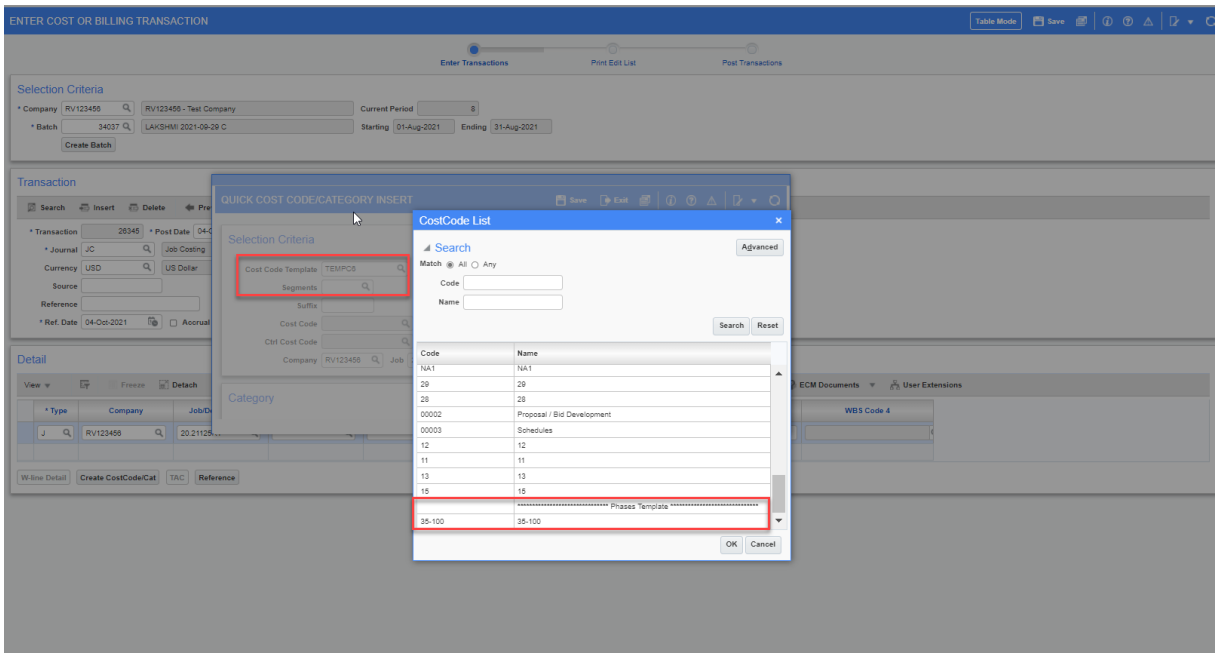


Phase segmentation:

If the segmentation is enabled, and if a template is specified in the Cost Code Template field, then the Segments LOV will retrieve all cost codes of the template and show the cost codes in two sections:

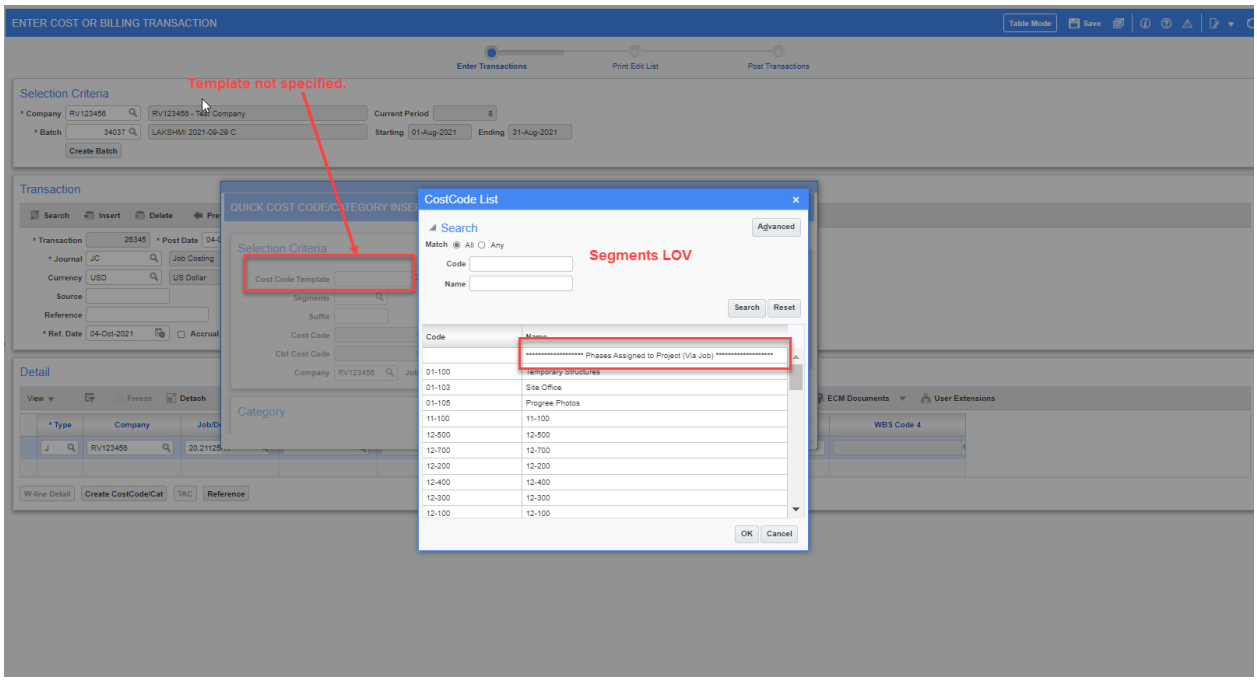
- Phase Assigned to the Project via Job
- Phases Template

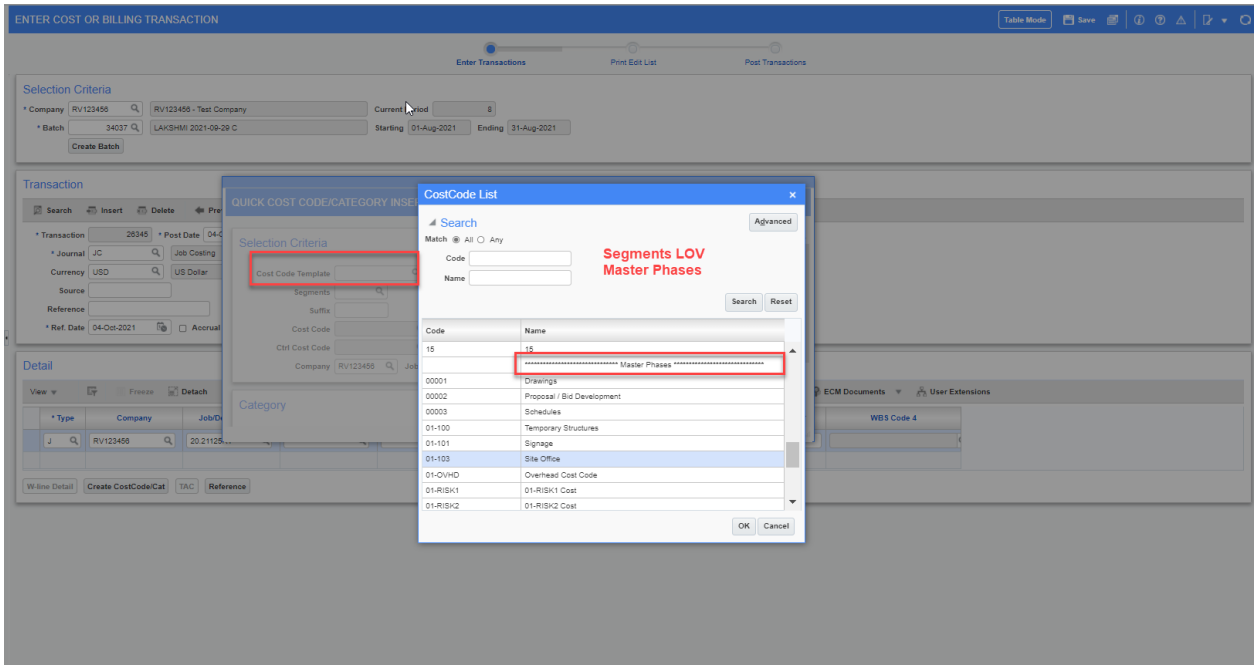




If the segmentation is enabled and if a template is not specified, then the Segments LOV will show all the cost codes from the Master Cost Codes list and displays the cost codes under the following sections:

- Phase Assigned to the Project via Job
- Master Phases





New Enhancement: Self Perform View (20.21126)-Beta Release

Overview:

A new tab Cost Status Query Mapping has been added to the Job Setup Screen. This tab allows the user to link one or more Main controlling jobs either from the same company or from a different company. Once the jobs are linked, the user can see all the linked jobs and its sub-jobs under Cost Status Query/Cost Status Query (Category) or other similar reports so that the user can get an accurate view of a project along with Cost/Budget details.

Modifications:

The Job Setup Screen has been modified to include the Cost Status Query Mapping tab which is added to the screen via lite editor.

This Cost Status Query Mapping tab is enabled only for the Main Controlling Jobs. For sub jobs, this tab is disabled.

The Cost Status Query Mapping has the following blocks.

Category block: This block shows all the Categories belonging to the Parent job. If a category is assigned to more than one cost code on the Assign Cost Code screen, then only distinct categories will be displayed. This block includes the following flags:

Exclude Cost Budget flag- When this flag is checked the following columns in the Cost Status Query (PMJSP) /Cost Status Query (Category) will display the value as 0 only for the checked/selected categories. Categories for which the flag is not selected/checked, these columns will display the actual values.

PMOJSQ_ORIG_BUDG_AMT
P**MOJSQ_CURR_BUDG_AMT**
PMOJSQ_PROJ_AMT

Exclude Costs- When this flag is checked the following columns in the Cost Status Query (PMJSP)/Cost Status Query (Category) will display the value as 0 only for the checked/selected categories. Categories for which the flag is not selected/checked, these columns will display the actual values.

PMOJSQ_SPENT AMT
PMOJSQ_EXT_CO_AMT

Exclude Cost Forecast -When this flag is checked the following columns in the Cost Status Query (PMJSP)/ Cost Status Query (Category) will display the value as 0 only for the checked/selected categories. Categories for which the flag is not selected/checked, these columns will display the actual values.

PMOJSQ_CALC_PROJ_AMT

Related Jobs Block:

Under this block the user can link jobs from the same company or from a different company. The Related Company LOV/Related Job LOV displays only the companies/jobs to which the user has security access to.

1.When the Parent job is linked to some other job either from the same company or a different company then the linked job will now become the child. The Parent job can have multiple child records. Note that only main controlling jobs can be linked together, and sub jobs are not available for linking

2.Once the jobs are linked in a Parent-Child relationship the following rules apply:

-The Child jobs will not be available for linkage to any other Parent. The linked job (Child Job) will not be available in the Related Job LOV for linking to some other Parent.

-Once linked to a Parent, the Child job cannot have other main controlling jobs linked to it. In other words, the Child job cannot become a parent for other jobs. The category block of the Child job will be disabled. The Insert, Insert Multiple, Delete option in the tool bar under the Related Jobs Block will no longer be available for Child Job once it is linked to a parent

-The Parent job cannot be linked to any other main controlling jobs as a child. In other words, if a parent has a child, then the Parent job cannot become a child for other main controlling jobs. If the parent job has already available linked jobs under the Related Jobs block, then the Parent job will not be shown in the Related Job LOV and will not be available for linking to other main controlling jobs

3.The Related Jobs Block has the following flags. These flags will apply for all related jobs assigned/linked to the Main Parent job

Exclude Revenue Flag: When this flag is checked then the following columns in Cost Status Query (PMJSP) will display the value as 0 for the selected/checked related job.

PMOJSQ_ORIG_BUDG_REV_AMT
PMOJSQ_CURR_BUDG_REV_AMT
PMOJSQ_IDEAL_REV_AMT
PMOJSQ_EXT_CO_REV_AMT
PMOJSQ_PENDING_CO_REV_AMT
PMOJSQ_PREPENDING_CO_REV_AMT
PMOJSQ_PROJ_REV_AMT
PMOJSQ_PROCEED_CO_REV_AMT
PMOJSQ_NON_PROCEED_CO_REV_AMT
PMOJSQ_CALCULATED_REV_AMT
PMOJSQ_ETC_PROJ_REV_AMT

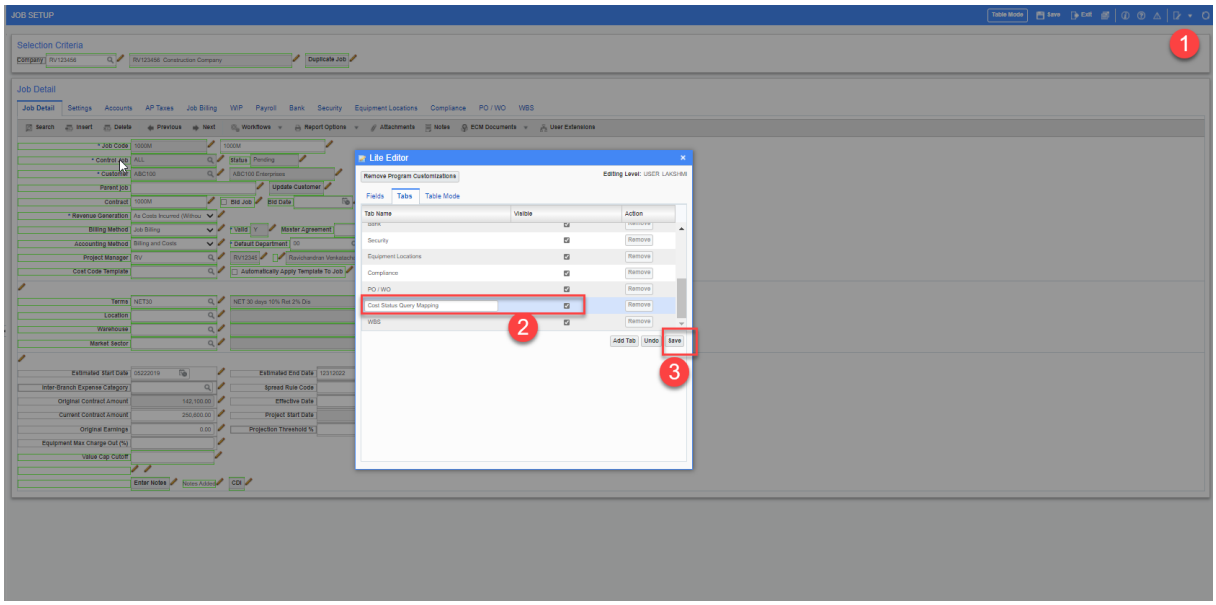
Exclude Billing Flag/Exclude Contract Flag: When these two flags are checked then the following columns will display the value as 0 for the selected/checked related job

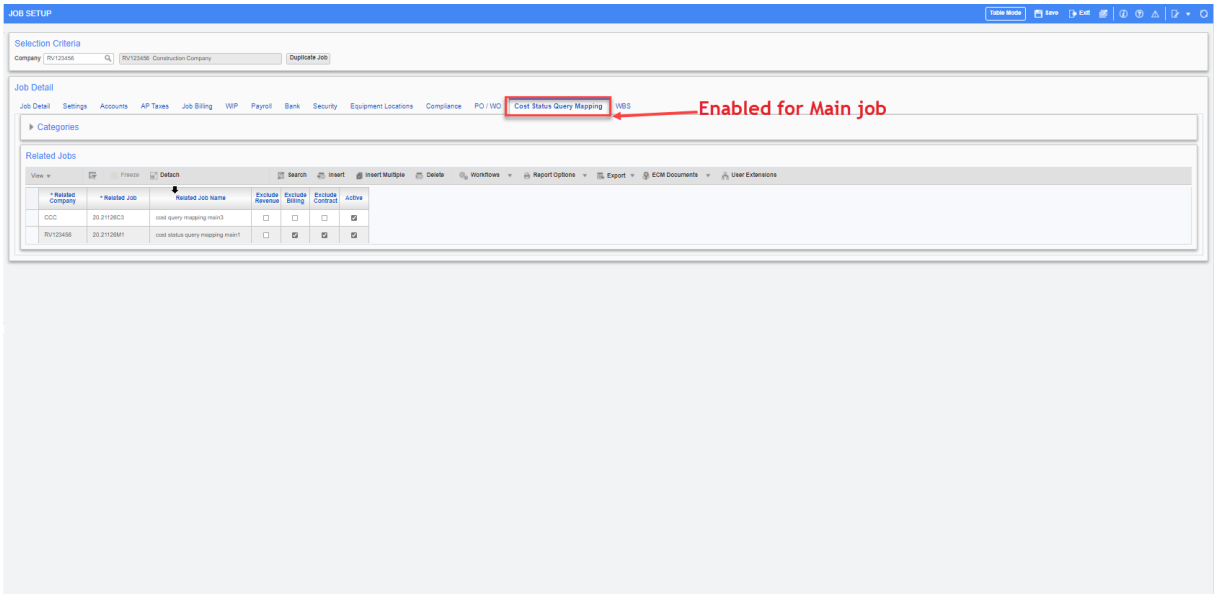
PMOJSQ_BILL_AMT
PMOJSQ_BILLED_COMMITTED_AMT
PMOJSQ_UNBILLED_JOB_AMT

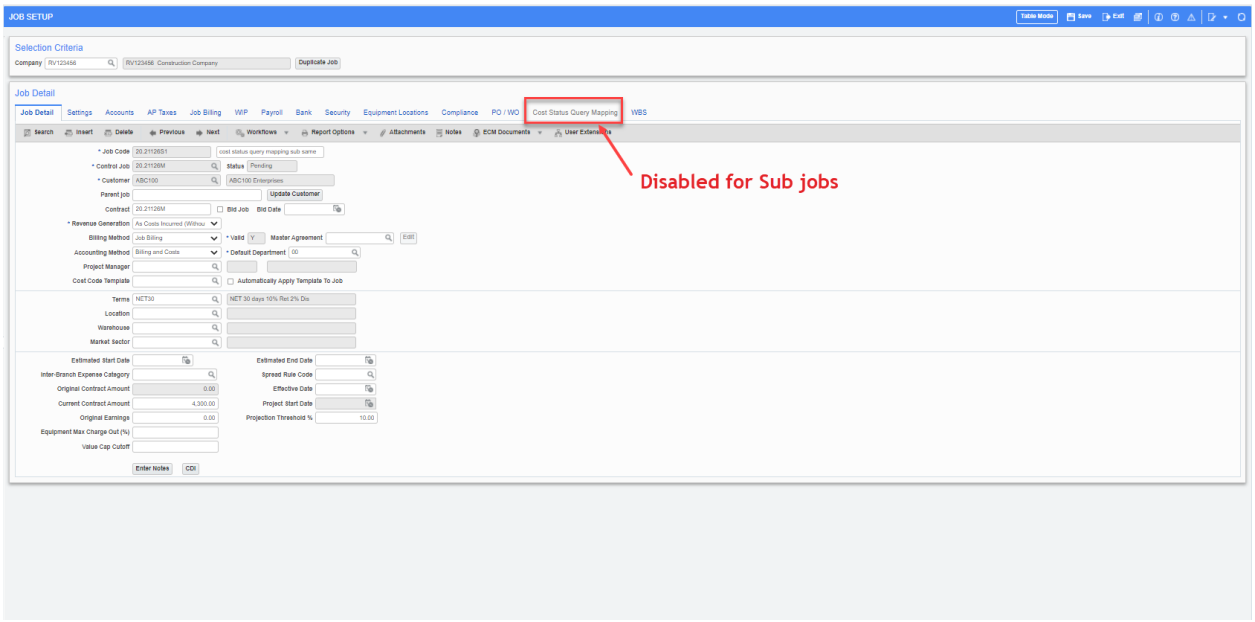
Active Flag: When this flag is unchecked, the related job will be excluded from the Cost Status Query or other reports. The job will be no longer displayed in these reports when active flag is unchecked. To make the job visible again in the Cost Status Query or other reports this active flag should be checked for the job.

Screenshots:

Adding Cost Status Query Tab via Lite Editor:

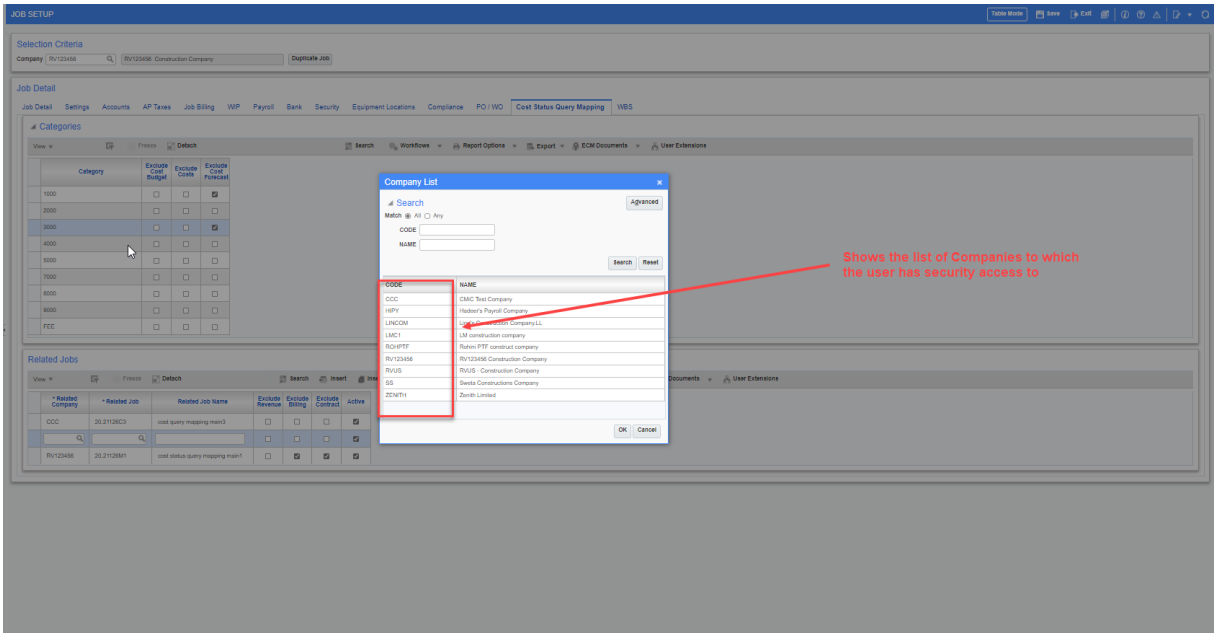




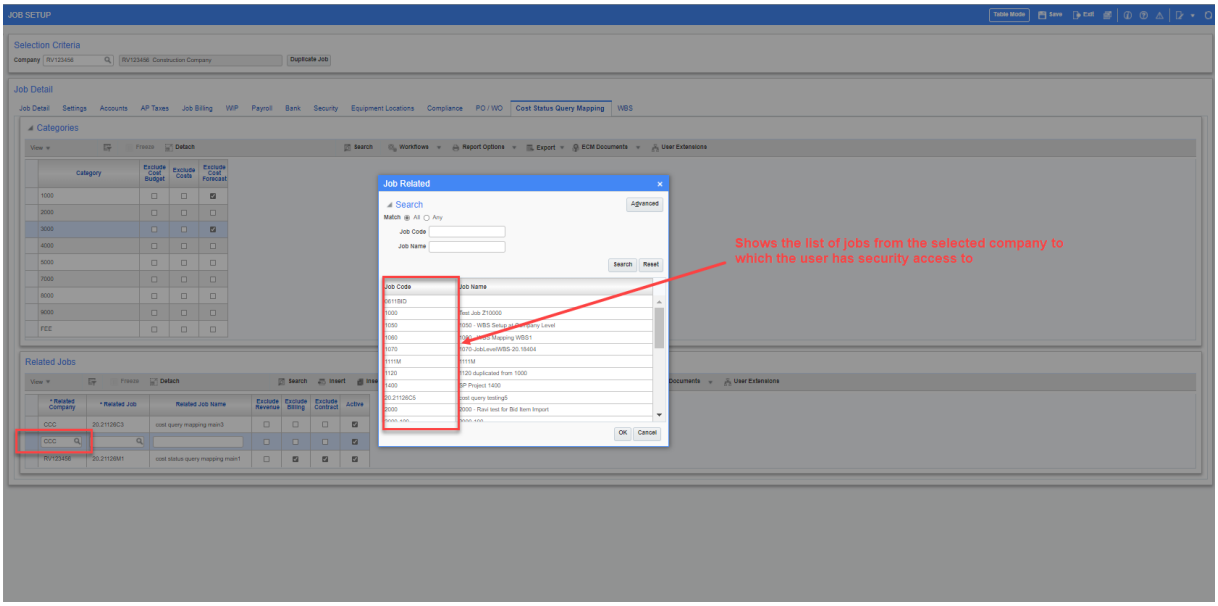


Linking Parent and Child jobs:

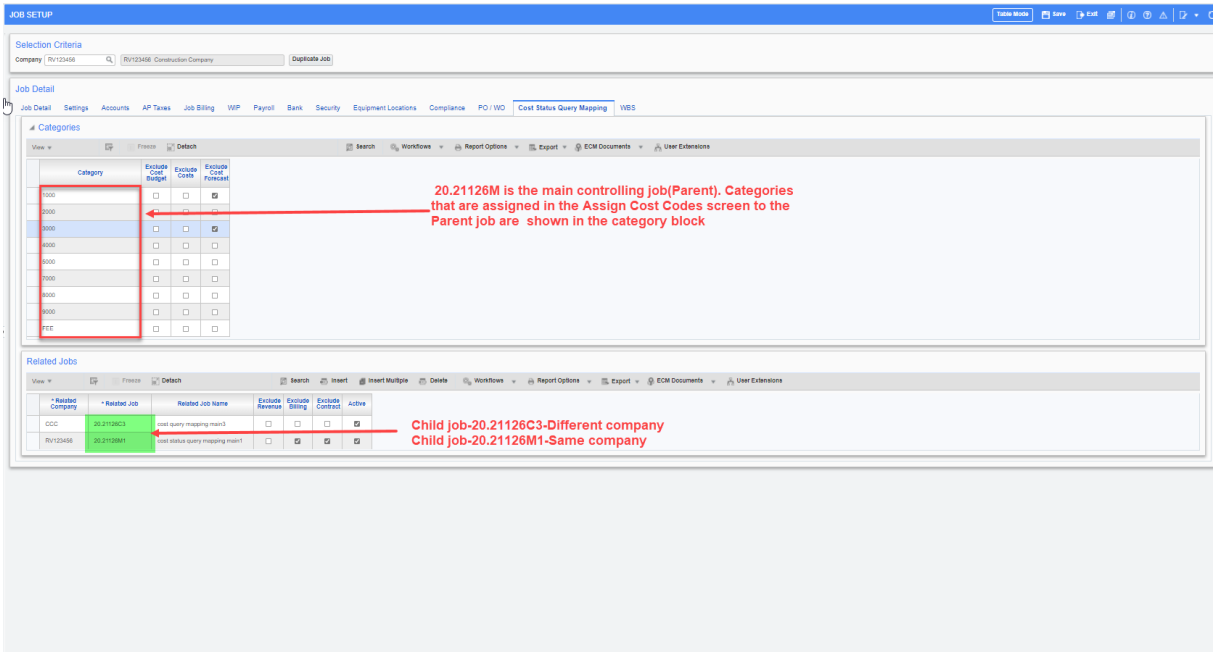
Company LOV: Shows the list of companies to which the user has security access to.



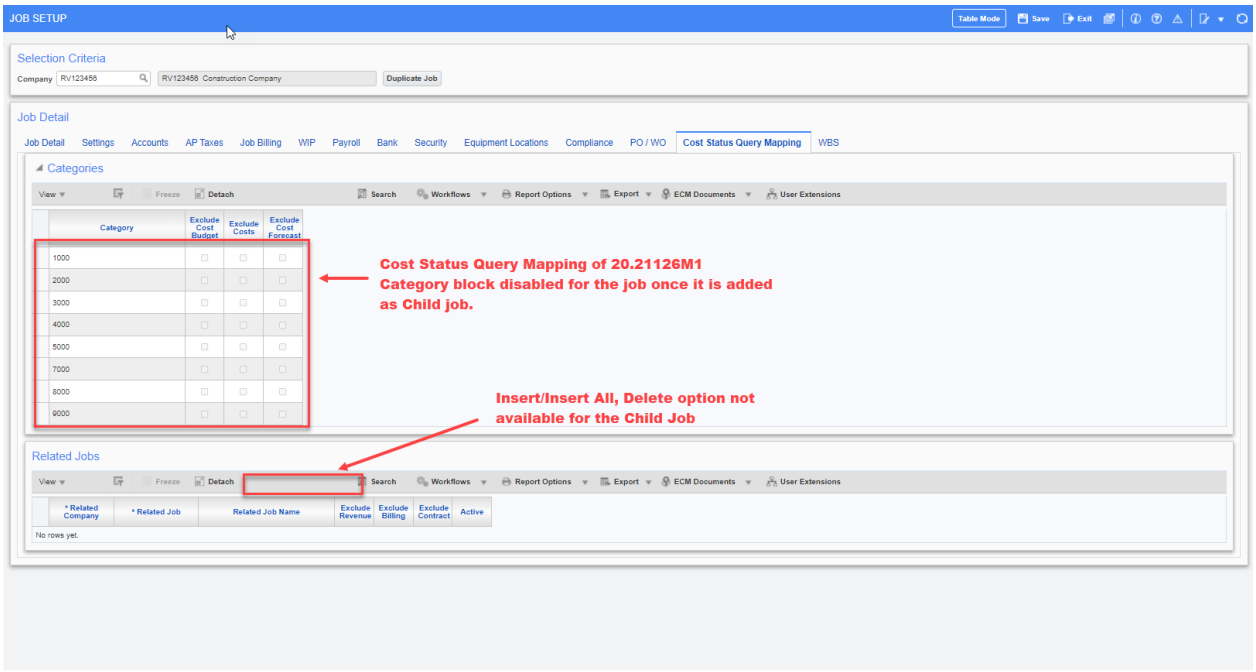
Job LOV: Shows the list of jobs of the selected company to which the user has security access to.



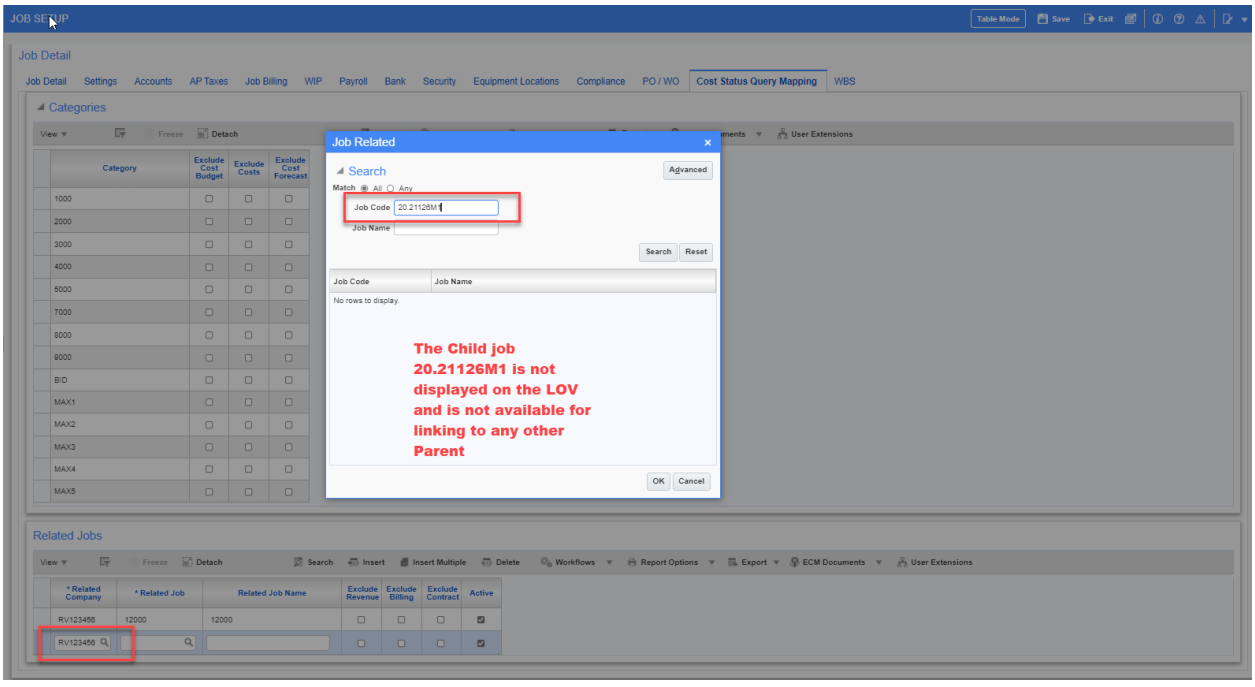
Main controlling jobs from the same/different company is linked as child jobs to the Parent job.



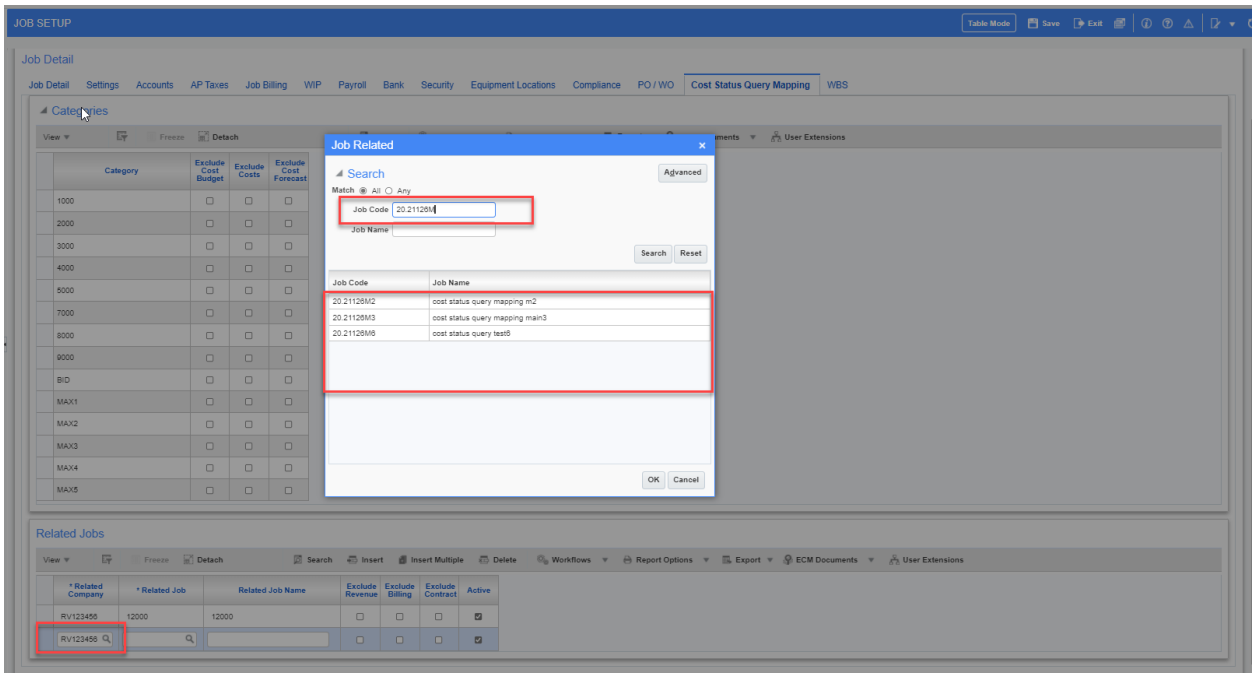
Once linked the category block for the Child job will be disabled and Insert/Insert Multiple/ Delete option will no longer be available for the Child job:



Now, trying to link the Child job 20.21126M1 to some other Parent and as per the rule it is not displayed in the LOV and not available for linking.



Now, trying to link the Parent Job 20.21126M to some other Main Controlling job and as per the rule it is not displayed in the LOV and not available for linking.

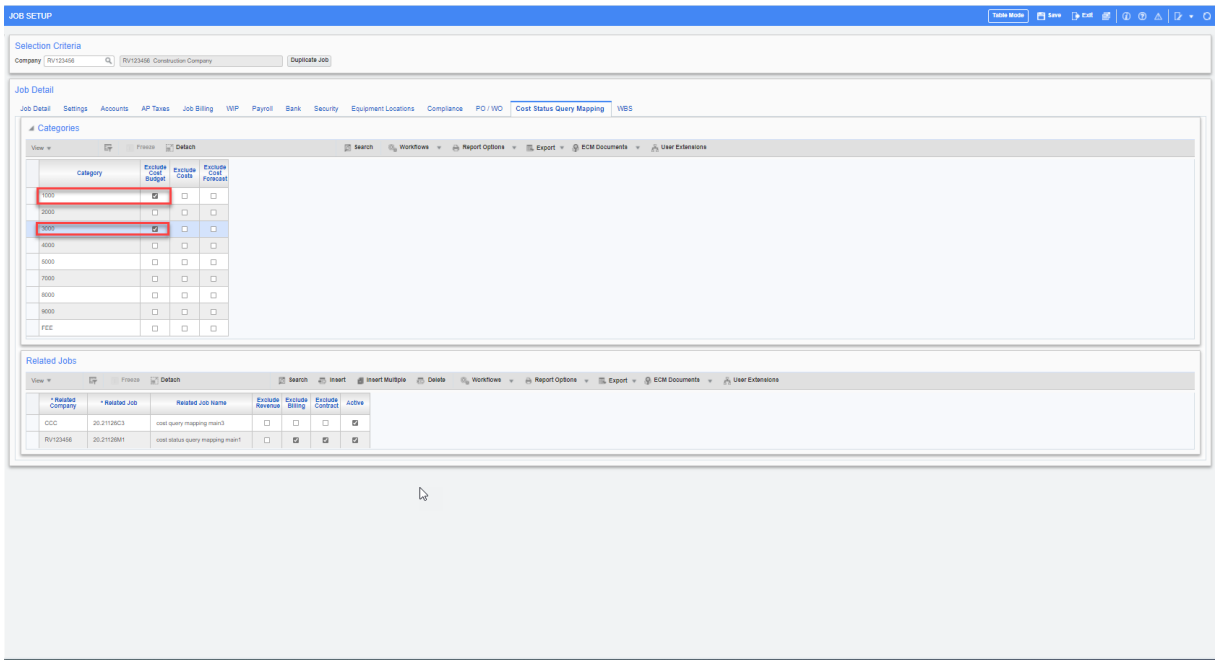


Category Block Flags:

Exclude Cost Budget flag:

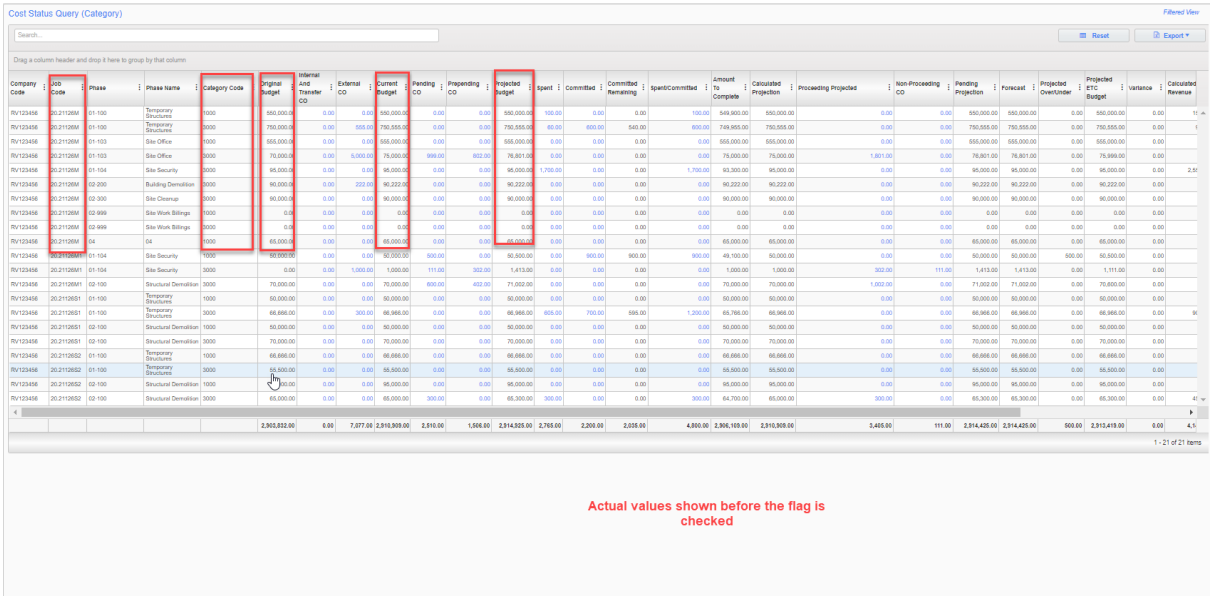
This flag is checked for the following categories of the Parent Job:

1000,3000



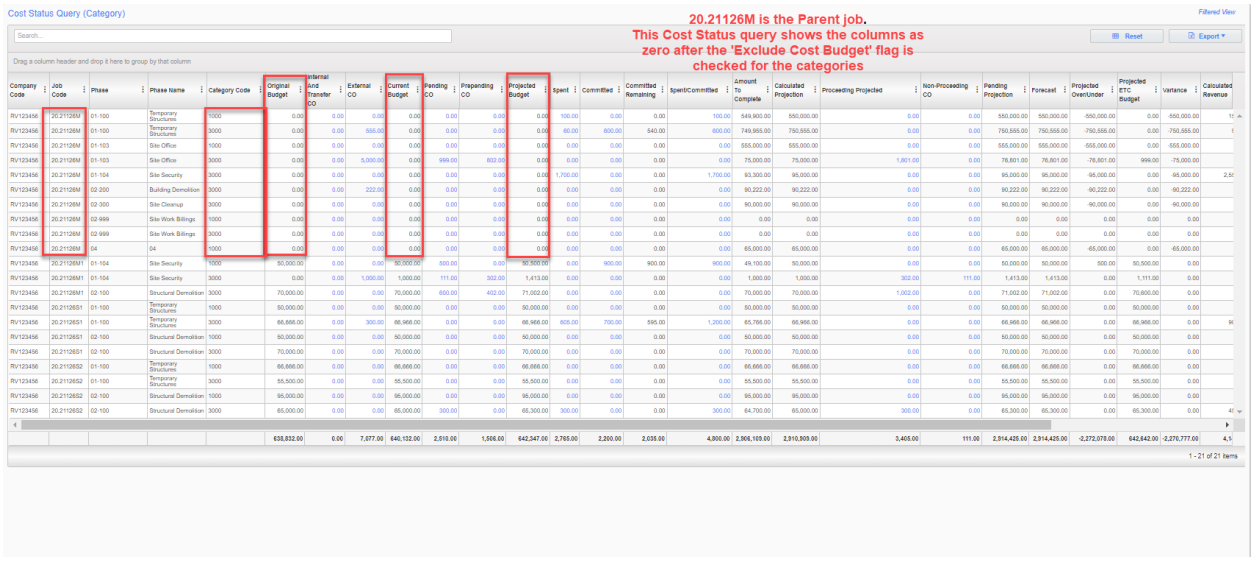
Before the flag is checked:

Columns displays the actual values before the flag is checked:



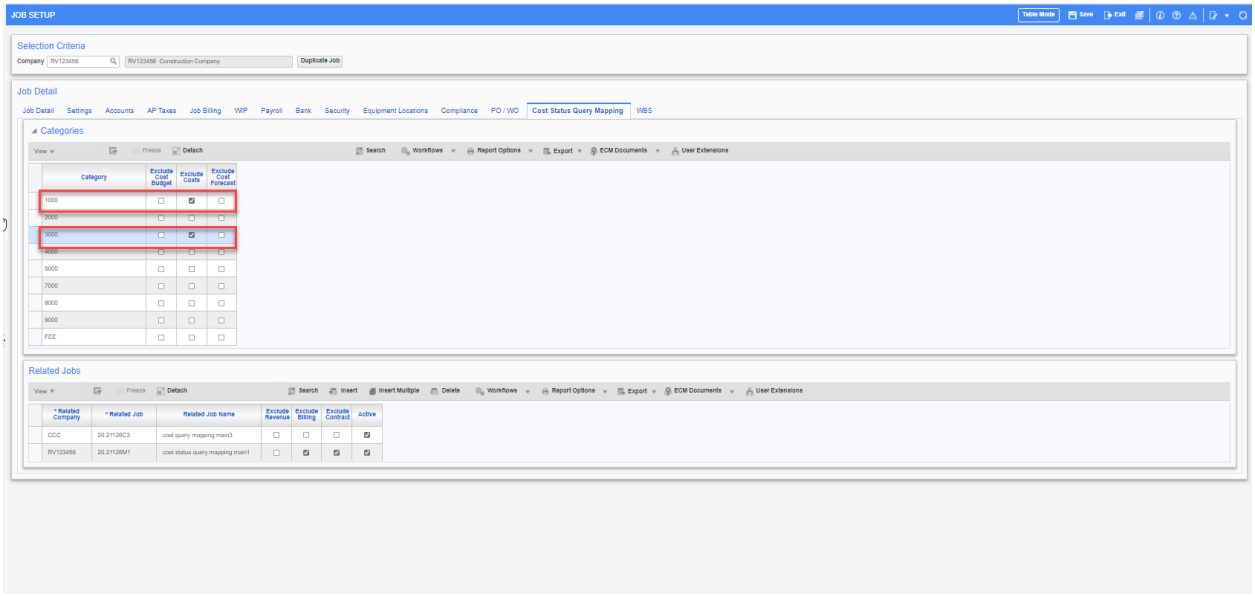
After the flag is checked:

The columns PMOJSQ_ORIG_BUDG_AMT, PMOJSQ_CURR_BUDG_AMT, PMOJSQ_PROJ_AMT in the Cost Status Query(PMJSP) for the checked categories is shown as 0.



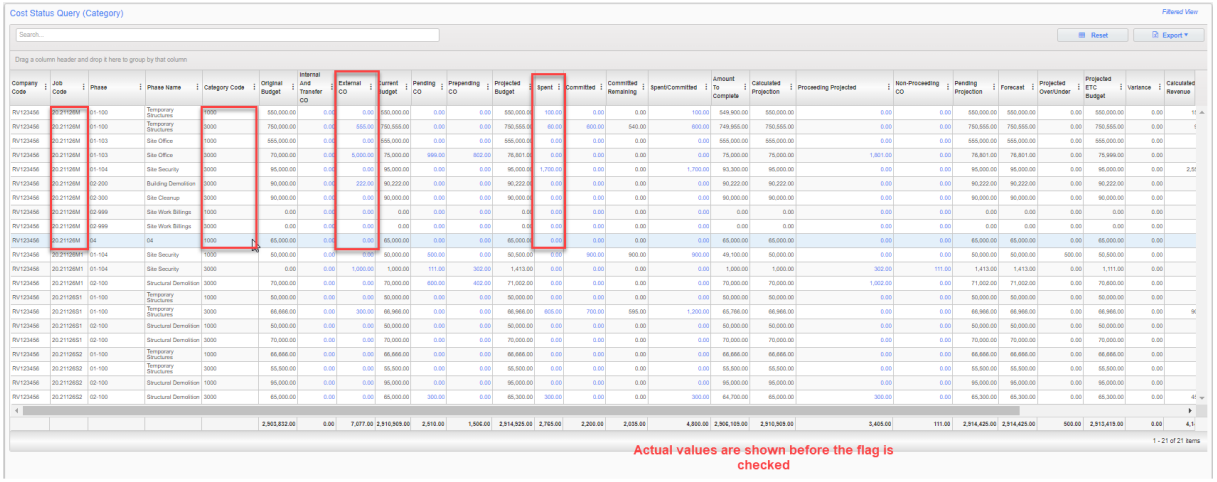
Exclude Costs flag:

This flag is checked for the following categories of the Parent Job: 1000,3000.



Before the flag is checked:

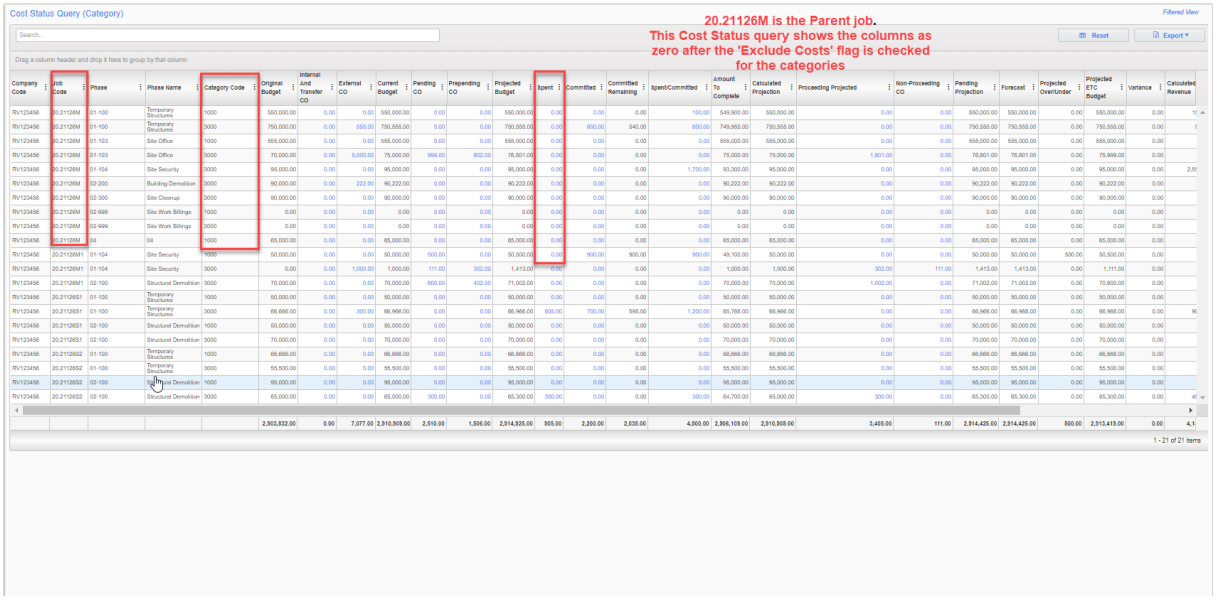
Columns displays the actual values before the flag is checked.



After the flag is checked:

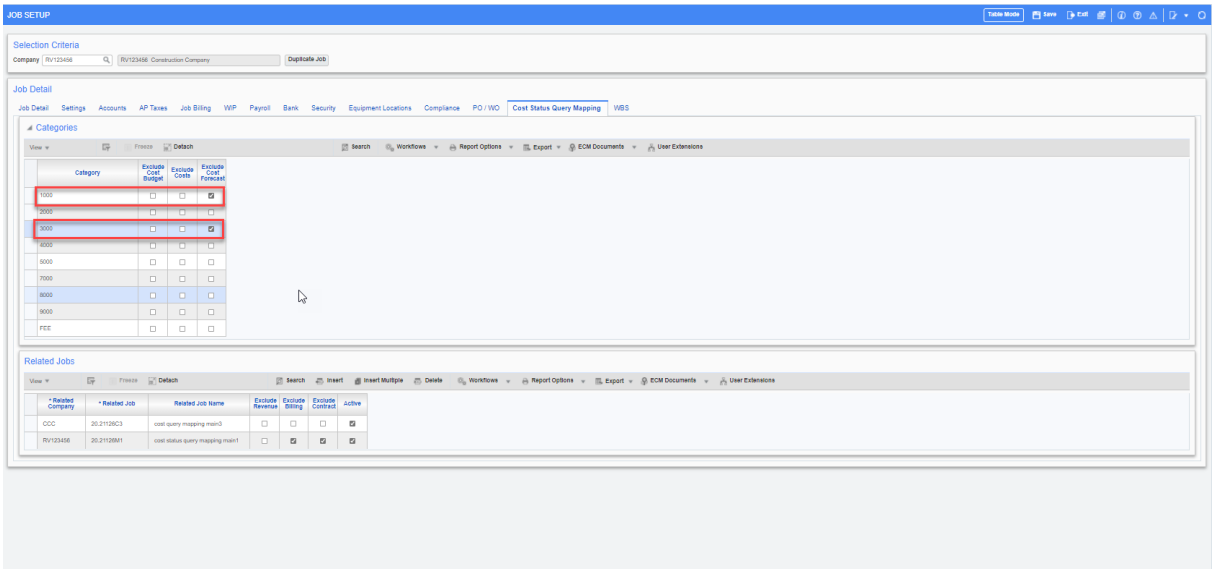
The columns PMOJSQ_SPENT AMT and PMOJSQ_EXT_CO_AMT is shown as zero.

Note that some of the features for this flag is still under development and only beta version is released for this patch.



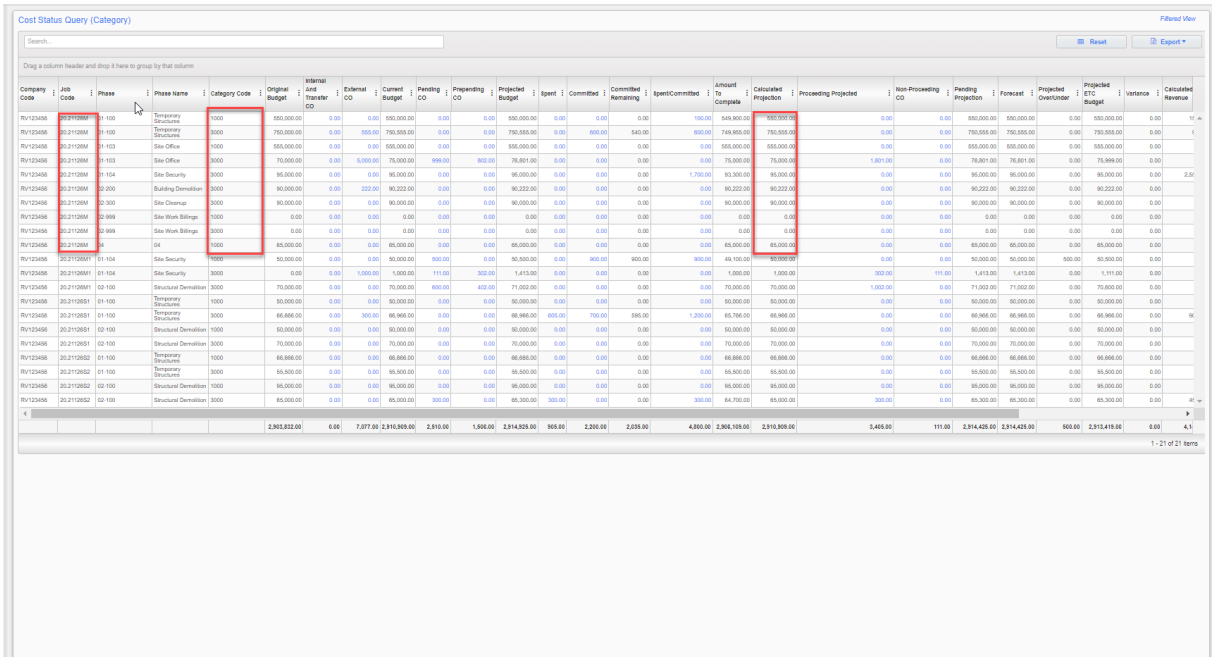
Exclude Cost Forecast Flag:

This flag is checked for the following categories of the Parent Job: 1000,3000



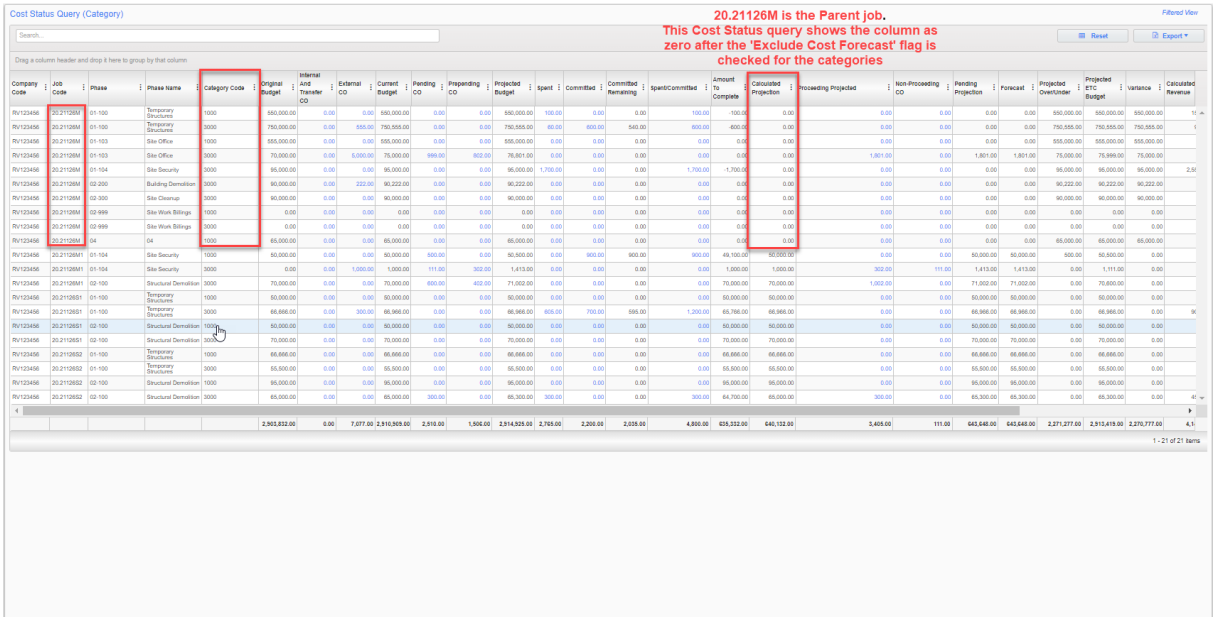
Before the flag is checked:

Columns displays the actual values before the flag is checked



After the flag is checked:

The column PMOJSQ_CALC_PROJ_AMT is shown as zero.



Related Jobs Block:

NOTE: Note that only Beta version has been released for this patch. Some of the features are still under development.

New Fields Added to the Document Options (21.44750)

Overview:

To add additional fields to the Document Options->Document Tab Program

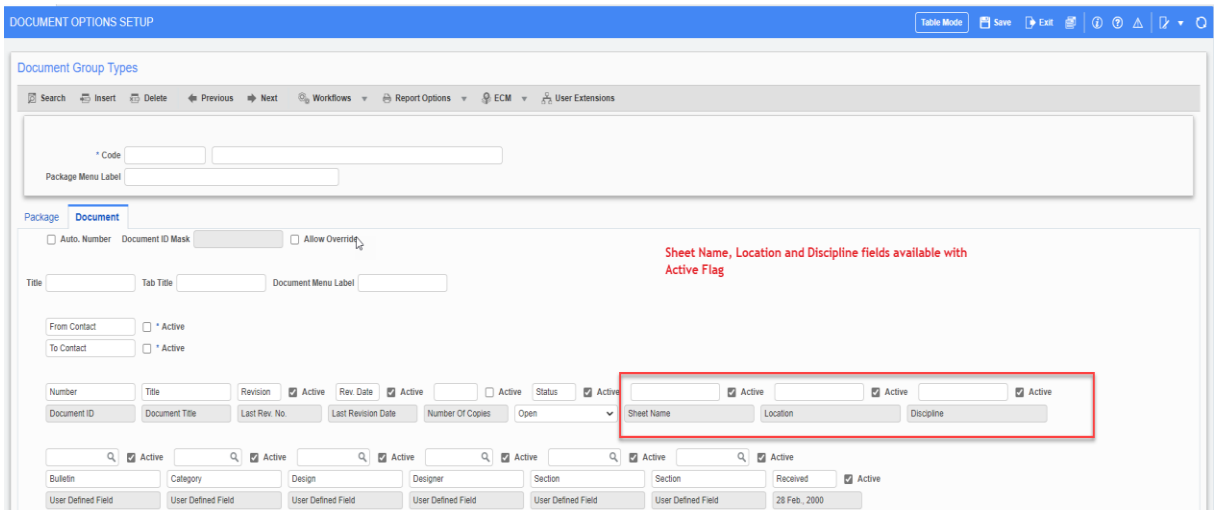
Modifications:

The following three fields has been added to the Document Options->Document Tab program.

- Sheet Name
- Location
- Discipline

These fields are available for every document type. The field accepts alphanumeric values, and each field has an active flag where the user can turn these fields off for document types (like Attachments) that do not require those fields. Fields are turned off by unchecking the 'Active' flag.

SCREENSHOTS:

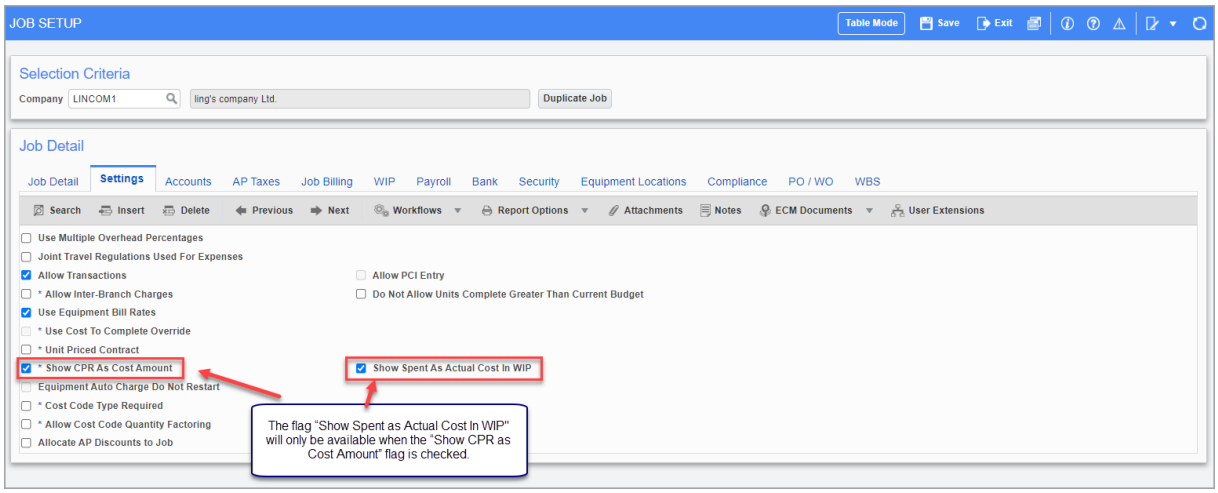


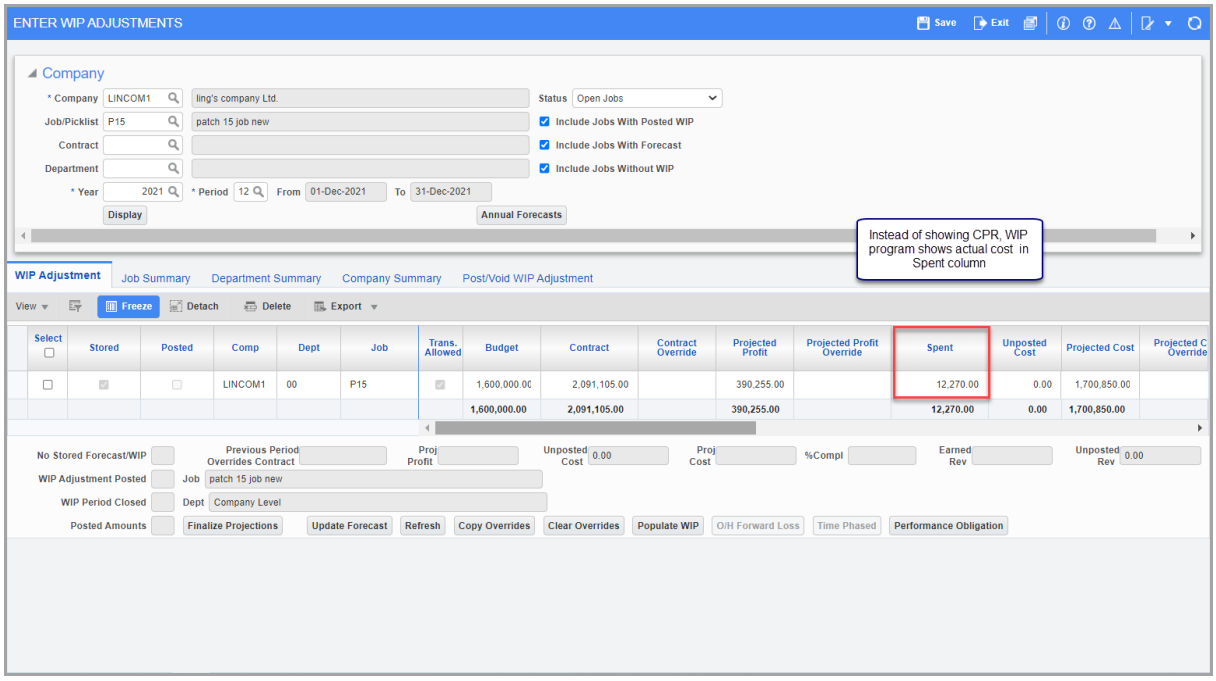
Added flag “Show Spent as Actual Cost In WIP” to Job Setup

(21.46567)

A new flag is added to Job Setup > Settings tab, called “Show Spent as Actual Cost In WIP”. The flag will only be available when the “Show CPR as Cost Amount” flag at job level is checked.

When “Show Spent as Actual Cost In WIP” is checked, the “Spent” column in the WIP program will show actual cost instead of the CPR Amount.

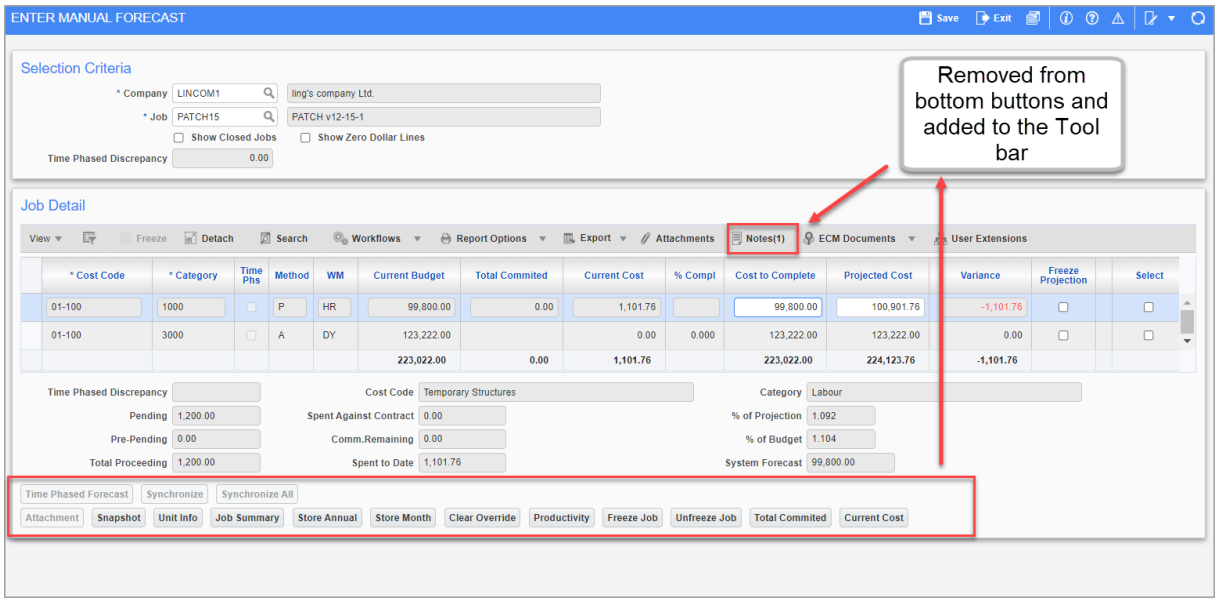


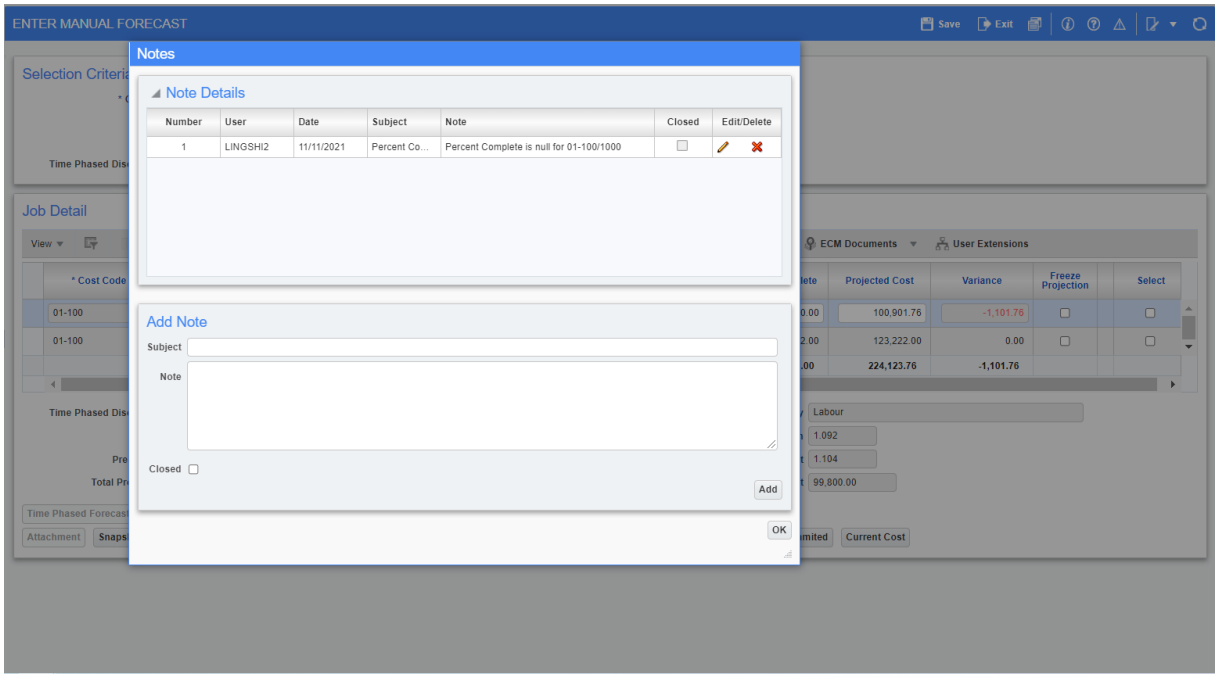


Added 'Notes' Button into the Tool bar for Enter Manual Forecast Screen (21.48682)

Modified Enter Manual Forecast program (JCREVCAF) to change the Notes function from button to toolbar. User can add new, delete, edit, and close notes in the Notes popup window.

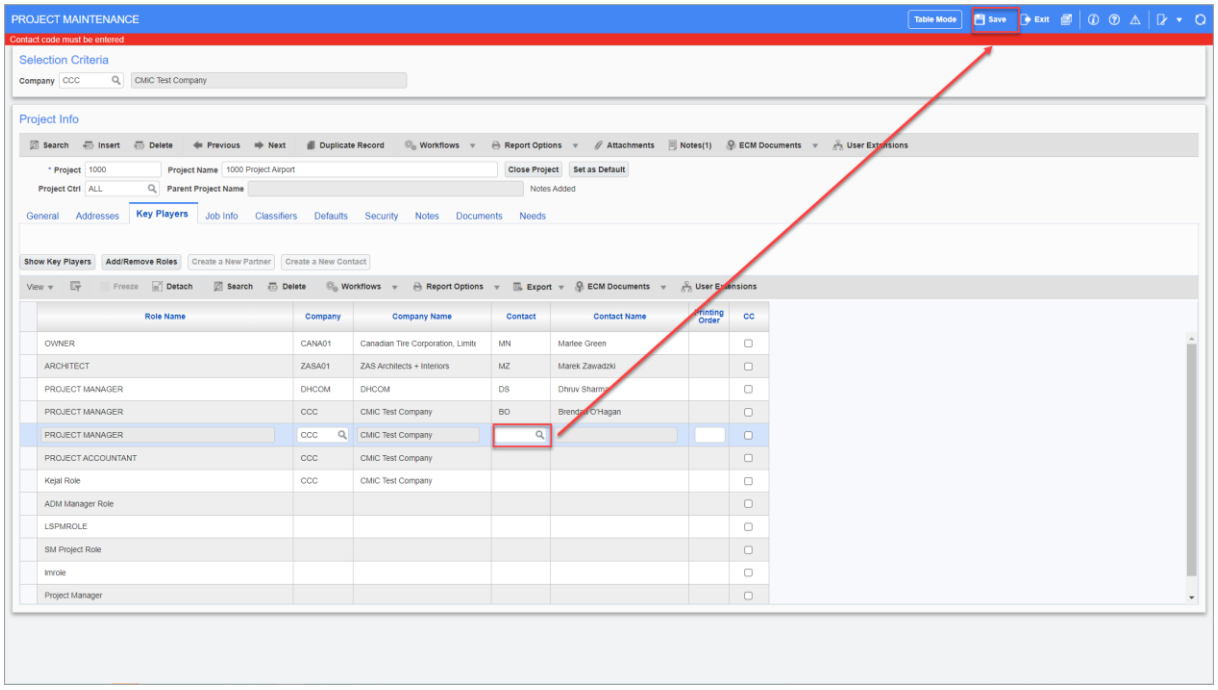
Please note, Notes added to one record will be shown for all records with the same Cost Code.





Contact Code Made Mandatory for Saving Key Player in Project Maintenance Screen (20.36293)

Modified ADF Project Maintenance screen to require Contact if Partner (Company code) is entered on Key Player tab to be in sync with PMJSP.



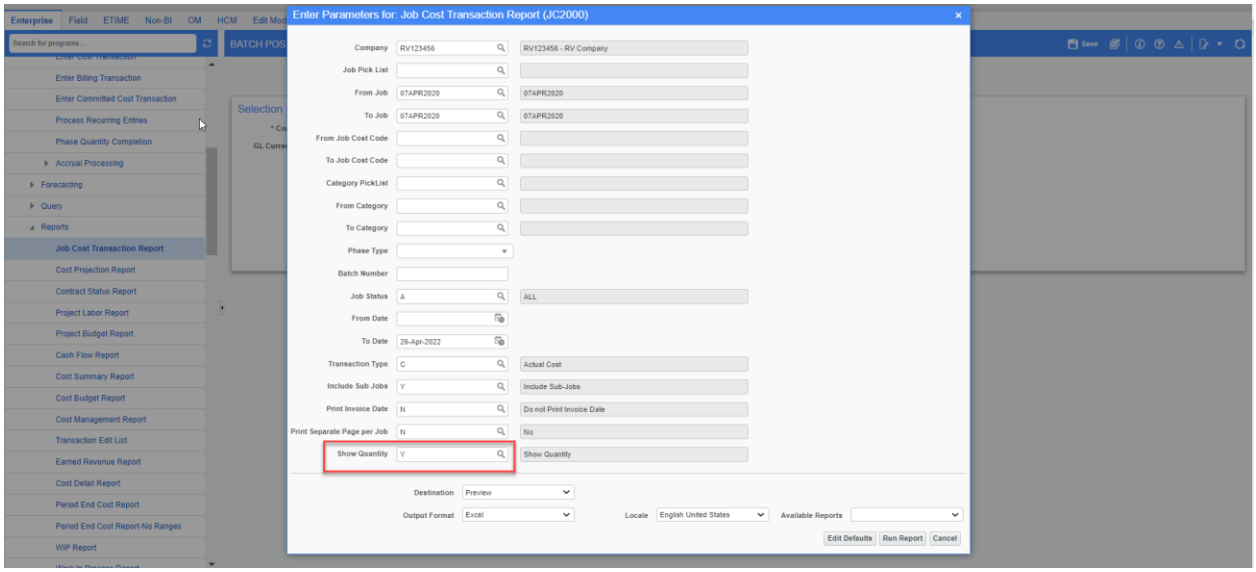
New Report Parameter 'Show Quantity' Added for JC Cost Transaction JC2000 Report (21.48963)

A new parameter added to the existing **JC Cost Transaction Report (JC2000)** to show/hide the quantity column in the report.

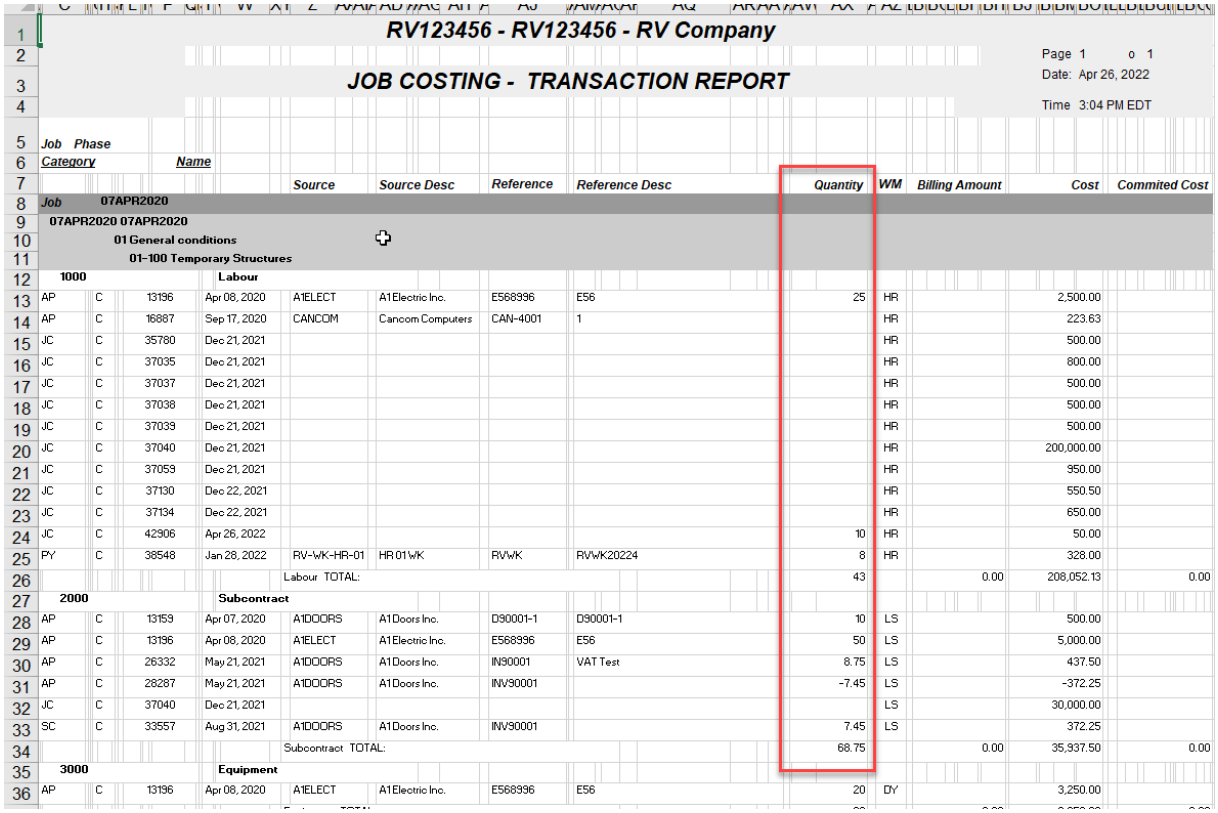
When Show Quantity is set to **'Y'** the quantity column will be displayed in the report. While exporting to excel the quantity column will be visible.

When Show Quantity is set to '**N'** the quantity column will not be displayed in the report. While exporting to excel the quantity column will not be visible.

Show Quantity set to **'Y'.**



The Quantity column is shown in the Excel.



RV123456 - RV123456 - RV Company

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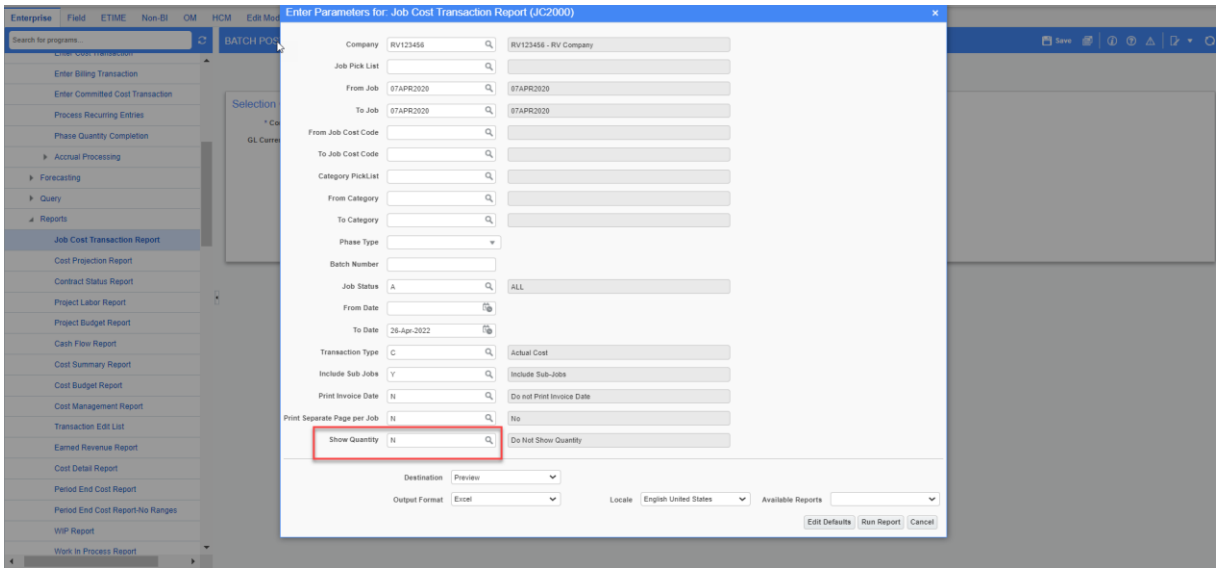
Date: Apr 26, 2022
Time 3:04 PM EDT

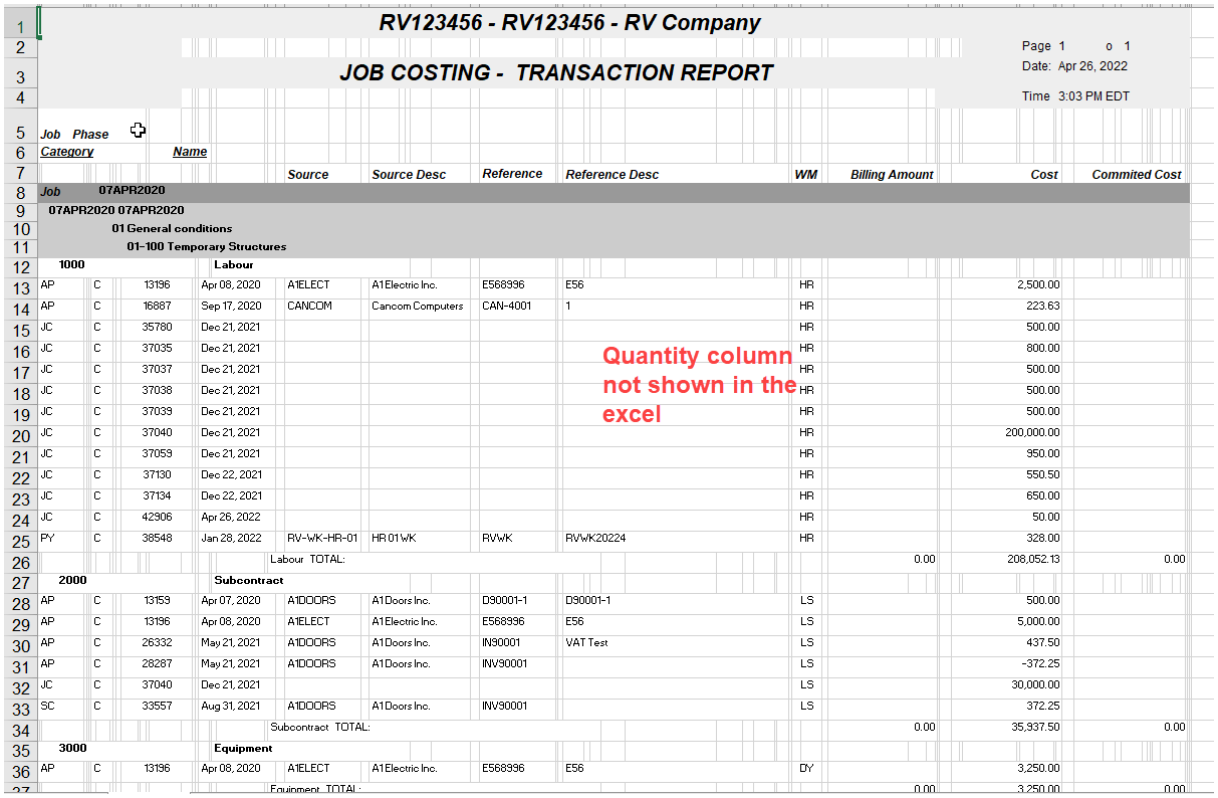
JOB COSTING - TRANSACTION REPORT

Job Phase
Category Name

				Source	Source Desc	Reference	Reference Desc	Quantity	WM	Billing Amount	Cost	Commited Cost
Job	**07APR2020**											
07APR2020 07APR2020												
01 General conditions												
01-100 Temporary Structures												
1000			**Labour**									
AP	C	13196	Apr 08, 2020	A1ELECT	A1 Electric Inc.	E568996	E56	25	HR		2,500.00	
AP	C	16887	Sep 17, 2020	CANCOM	Cancom Computers	CAN-4001	1		HR		223.63	
JC	C	35780	Dec 21, 2021						HR		500.00	
JC	C	37035	Dec 21, 2021						HR		800.00	
JC	C	37037	Dec 21, 2021						HR		500.00	
JC	C	37038	Dec 21, 2021						HR		500.00	
JC	C	37039	Dec 21, 2021						HR		500.00	
JC	C	37040	Dec 21, 2021						HR		200,000.00	
JC	C	37059	Dec 21, 2021						HR		950.00	
JC	C	37130	Dec 22, 2021						HR		550.50	
JC	C	37134	Dec 22, 2021						HR		650.00	
JC	C	42906	Apr 26, 2022					10	HR		50.00	
PY	C	38548	Jan 28, 2022	RV-WK-HR-01	HR 01 WK	RVWK	RVWK20224	8	HR		328.00	
				Labour TOTAL:				43		0.00	208,052.13	0.00
2000			**Subcontract**									
AP	C	13159	Apr 07, 2020	A1DOORS	A1 Doors Inc.	D90001-1	D90001-1	10	LS		500.00	
AP	C	13196	Apr 08, 2020	A1ELECT	A1 Electric Inc.	E568996	E56	50	LS		5,000.00	
AP	C	26332	May 21, 2021	A1DOORS	A1 Doors Inc.	IN90001	VAT Test	8.75	LS		437.50	
AP	C	28287	May 21, 2021	A1DOORS	A1 Doors Inc.	INV90001		-7.45	LS		-372.25	
JC	C	37040	Dec 21, 2021						LS		30,000.00	
SC	C	33557	Aug 31, 2021	A1DOORS	A1 Doors Inc.	INV90001		7.45	LS		372.25	
				Subcontract TOTAL:				68.75		0.00	35,937.50	0.00
3000			**Equipment**									
AP	C	13196	Apr 08, 2020	A1ELECT	A1 Electric Inc.	E568996	E56	20	DY		3,250.00	

Show Quantity set to **'N'**





RV123456 - RV123456 - RV Company

JOB COSTING - TRANSACTION REPORT

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Date: Apr 26, 2022
Time 3:03 PM EDT

Job Phase
Category Name

				Source	Source Desc	Reference	Reference Desc	WM	Billing Amount	Cost	Commited Cost
Job 07APR2020											
07APR2020 07APR2020											
01 General conditions											
01-100 Temporary Structures											
1000			Labour								
AP	C	13196	Apr 08, 2020	A1ELECT	A1 Electric Inc.	E568996	E56	HR		2,500.00	
AP	C	16887	Sep 17, 2020	CANCOM	Cancom Computers	CAN-4001	1	HR		223.63	
JC	C	35780	Dec 21, 2021					HR		500.00	
JC	C	37035	Dec 21, 2021					HR		800.00	
JC	C	37037	Dec 21, 2021					HR		500.00	
JC	C	37038	Dec 21, 2021					HR		500.00	
JC	C	37039	Dec 21, 2021					HR		500.00	
JC	C	37040	Dec 21, 2021					HR		200,000.00	
JC	C	37059	Dec 21, 2021					HR		950.00	
JC	C	37130	Dec 22, 2021					HR		550.50	
JC	C	37134	Dec 22, 2021					HR		650.00	
JC	C	42906	Apr 26, 2022					HR		50.00	
PY	C	38548	Jan 28, 2022	RV-WK-HR-01	HR 01 WK	RVWK	RVWK20224	HR		328.00	
			Labour TOTAL:						0.00	208,052.13	0.00
2000			Subcontract								
AP	C	13159	Apr 07, 2020	A1DOORS	A1 Doors Inc.	D90001-1	D90001-1	LS		500.00	
AP	C	13196	Apr 08, 2020	A1ELECT	A1 Electric Inc.	E568996	E56	LS		5,000.00	
AP	C	26332	May 21, 2021	A1DOORS	A1 Doors Inc.	IN90001	VAT Test	LS		437.50	
AP	C	28287	May 21, 2021	A1DOORS	A1 Doors Inc.	INV90001		LS		-372.25	
JC	C	37040	Dec 21, 2021					LS		30,000.00	
SC	C	33557	Aug 31, 2021	A1DOORS	A1 Doors Inc.	INV90001		LS		372.25	
			Subcontract TOTAL:						0.00	35,937.50	0.00
3000			Equipment								
AP	C	13196	Apr 08, 2020	A1ELECT	A1 Electric Inc.	E568996	E56	DY		3,250.00	
			Equipment TOTAL:						0.00	3,250.00	0.00

Quantity column not shown in the excel

Enhancement-Locking Cost Codes from Deletion/Deactivation Beta Version (21.42643)

Implementation is in progress and Beta version is available for this patch

Overview:

The enhancement will allow the user to lock cost codes in the template and once the template is assigned to the job, the locked cost codes cannot be deactivated or removed from the job. This enhancement will only be available for R12 Enterprise version. No changes will be made to any reports or non-ADF programs

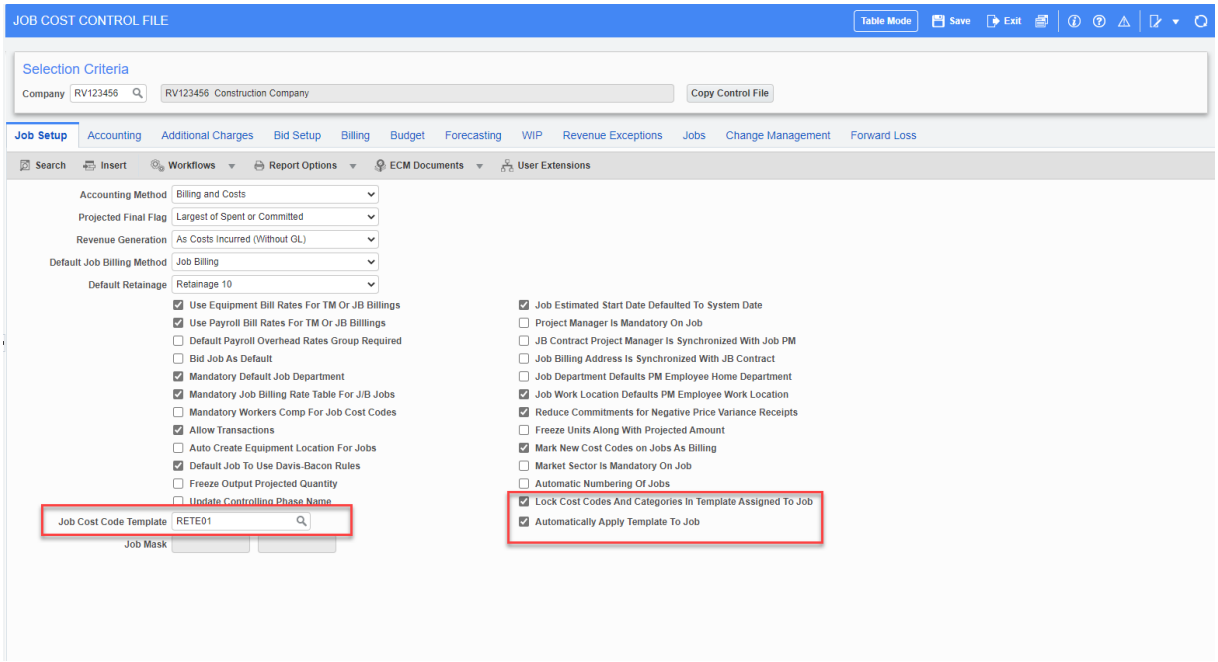
Modifications:

The modifications are made to the following programs.

Job Cost Control File- JCCTRLFM:

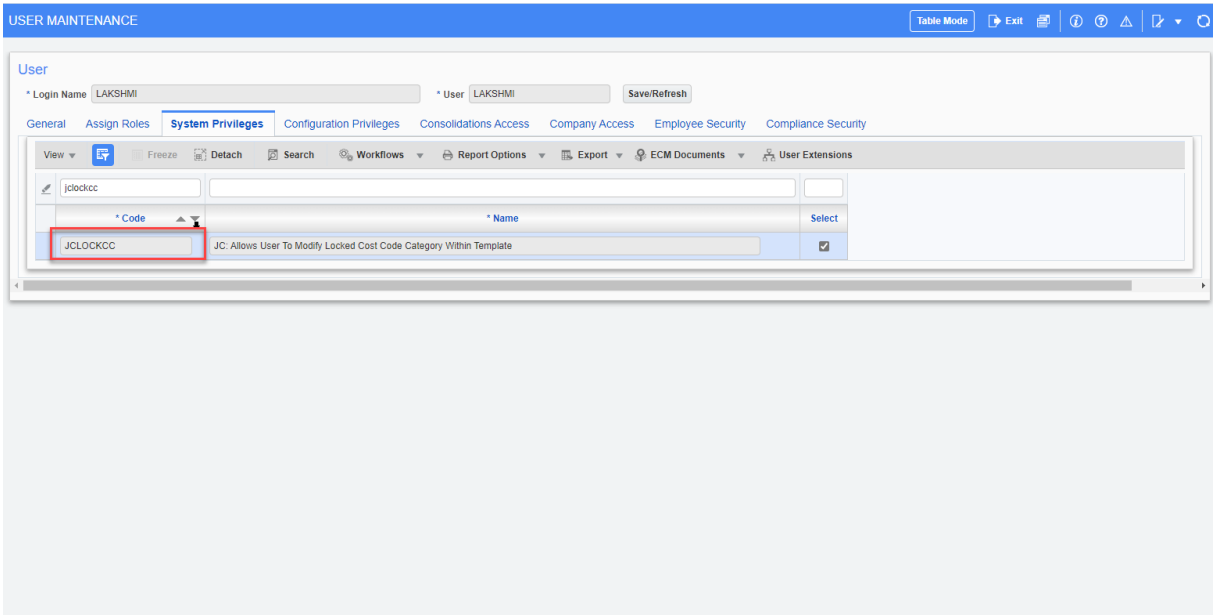
The following fields are added to the Job Cost Control File:

1. **Lock Cost Codes And Categories In Template Assigned To Job:** When this flag is enabled, the Locked column will be visible on the Cost Code Template Maintenance screen.
2. **Job Cost Code Template:** If a template is defined, then all the new jobs created will have that template defaulted on the job.
3. **Automatically Apply Template To Job**: If enabled, the flag is automatically enabled on the job.



System Privilege

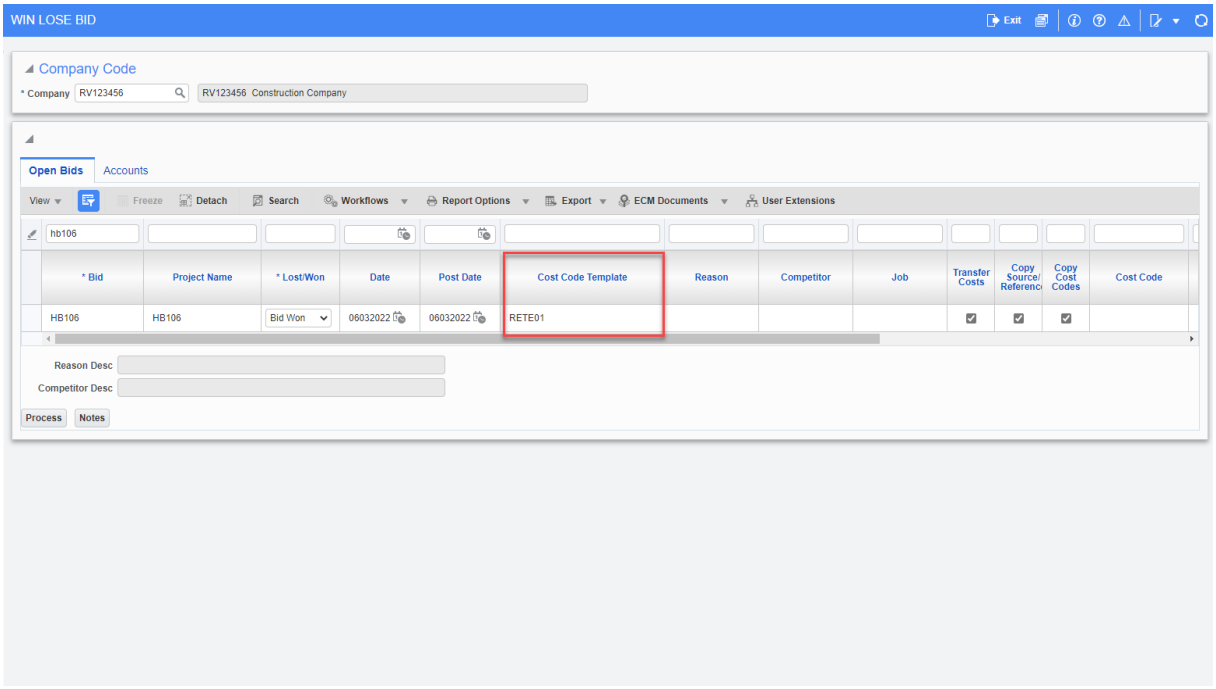
New System privilege **JCLOCKCC** is added. When enabled it will allow users to lock/unlock the Cost Codes from the Cost Code Template screen.



Win Lose Bid (JCBIDPRO)

The column Cost Code Template is added. The template will default from Job Cost Control. Users can change from one template to another.

If Copy Cost Codes is enabled and a template is defined, then both Bid Job Cost Codes and Template Cost Codes will be assigned to the job.

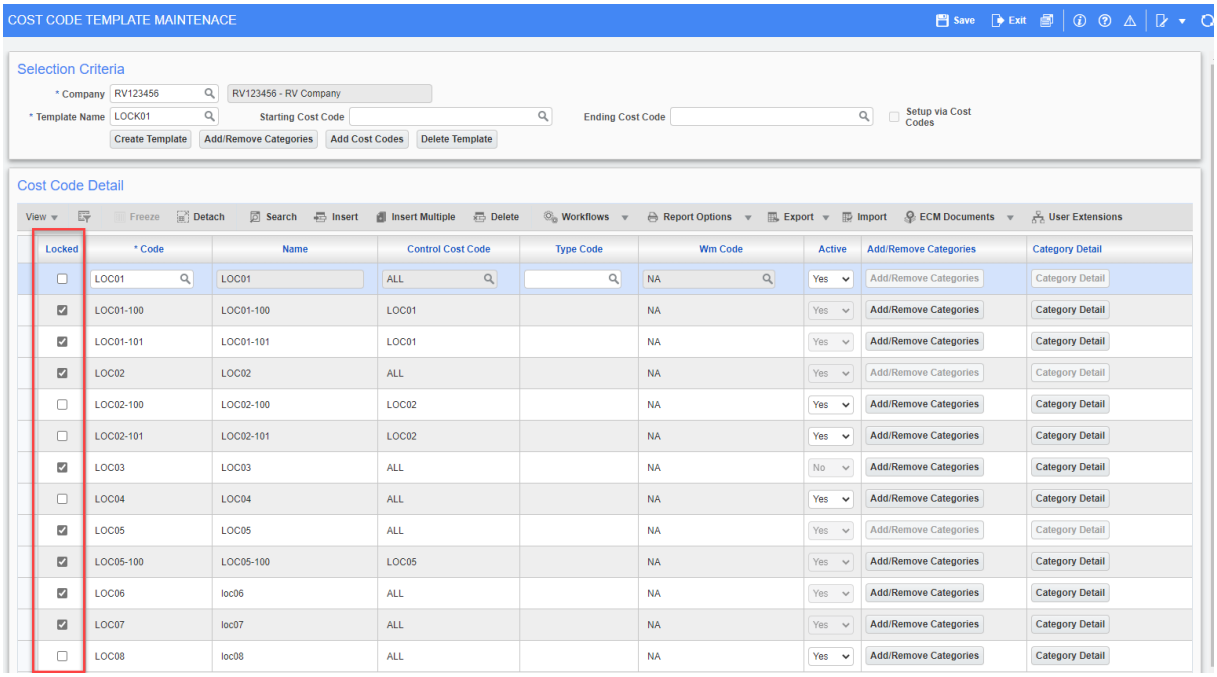


Cost Code Template Maintenance (JCPHSFM)

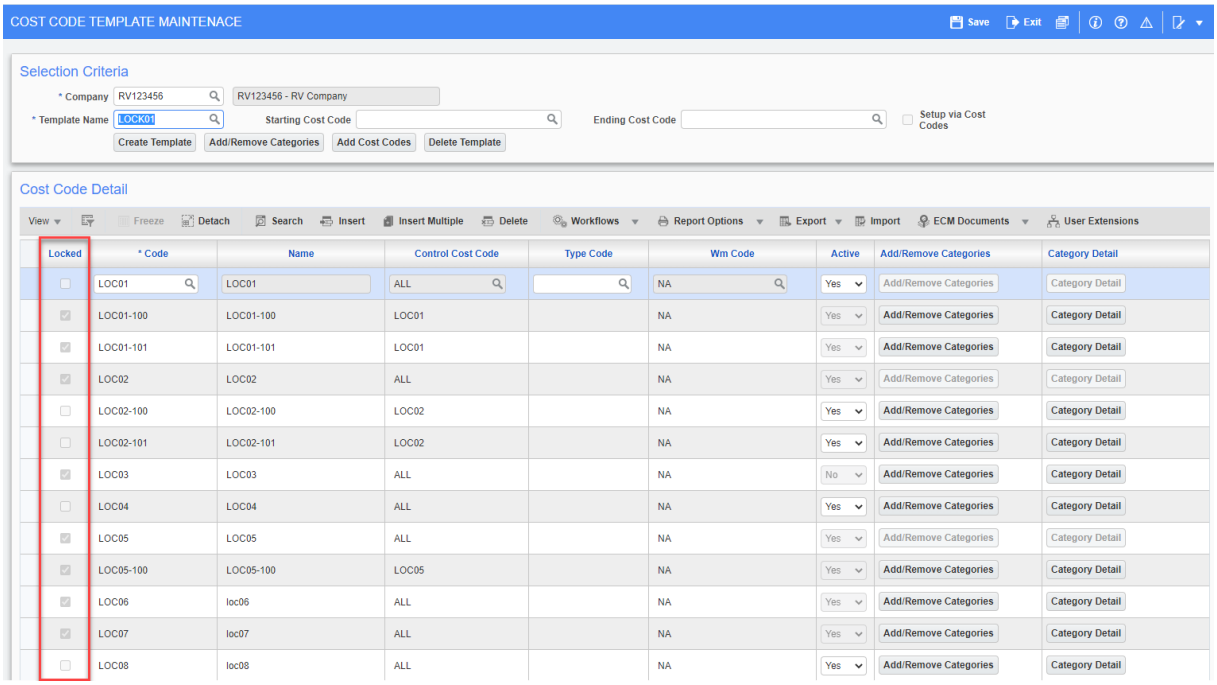
The following modifications are made to the Cost Code Template Maintenance screen.

1. A new column **'Locked'** is added to the Cost Code Template screen. When the locked flag is enabled the template cost codes assigned to a job cannot be removed, and if the template cost codes are in the Master list, then it cannot be removed from the master. This new flag will appear in the screen only when **"Lock Cost Codes And Categories In Template Assigned To Job"** is enabled in Job Control screen.

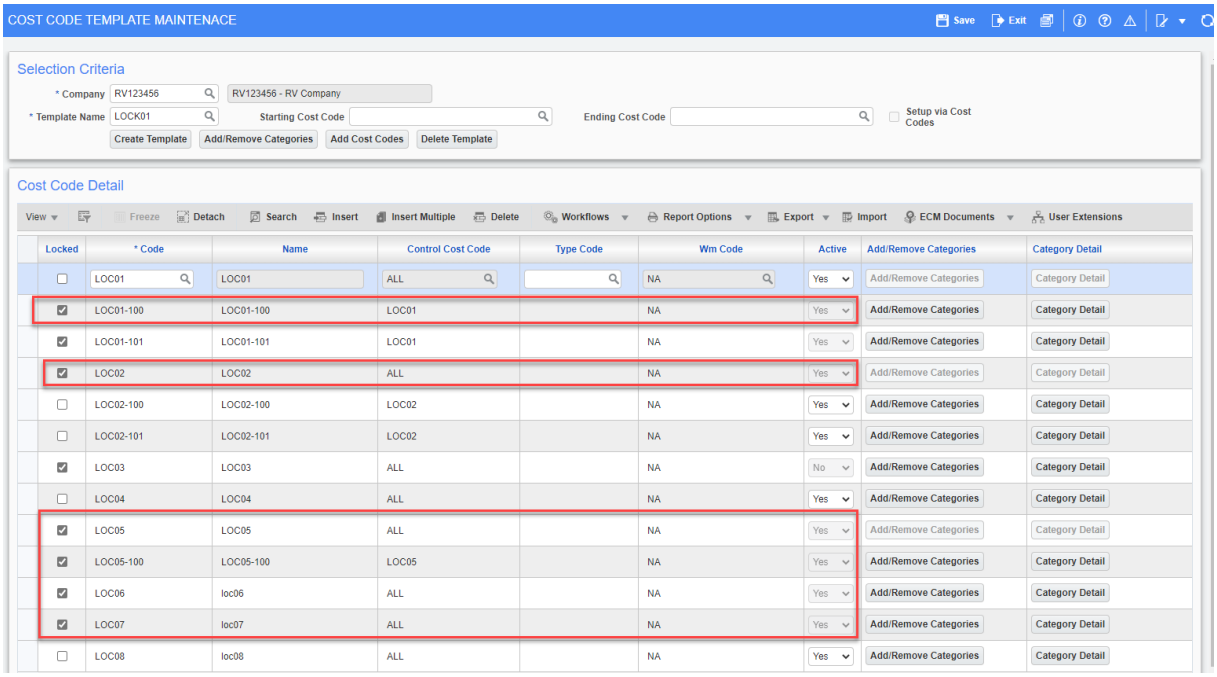
Only users or roles that have the privilege **JCLOCKCC** enabled will be able to lock/ unlock the cost codes.



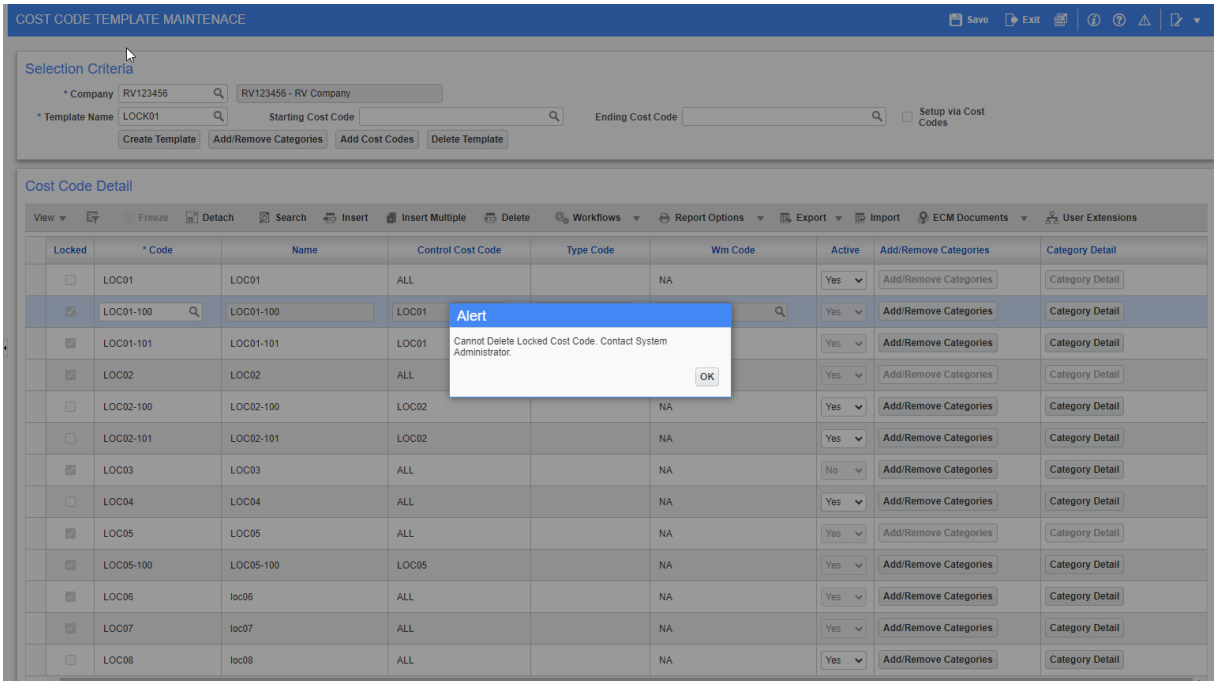
Users or roles without the privilege **JCLOCKCC** will not be able to lock or unlock the cost codes.



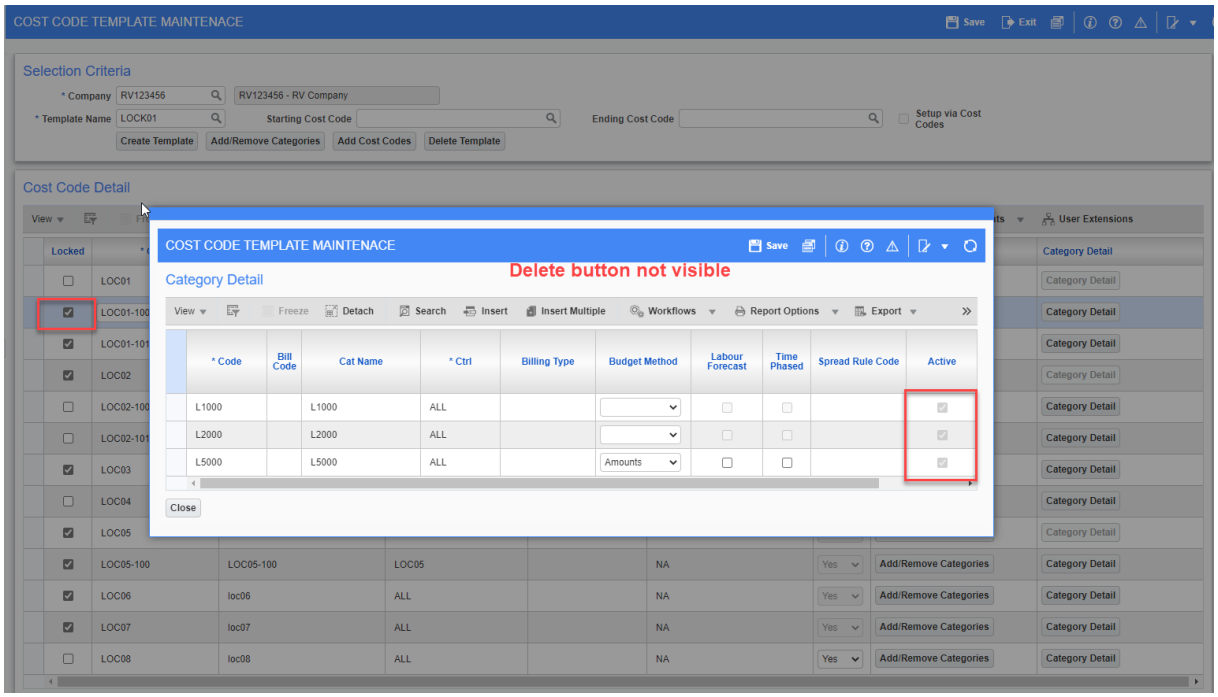
2. When the Cost Code is Locked, then the “Active” flag is disabled.



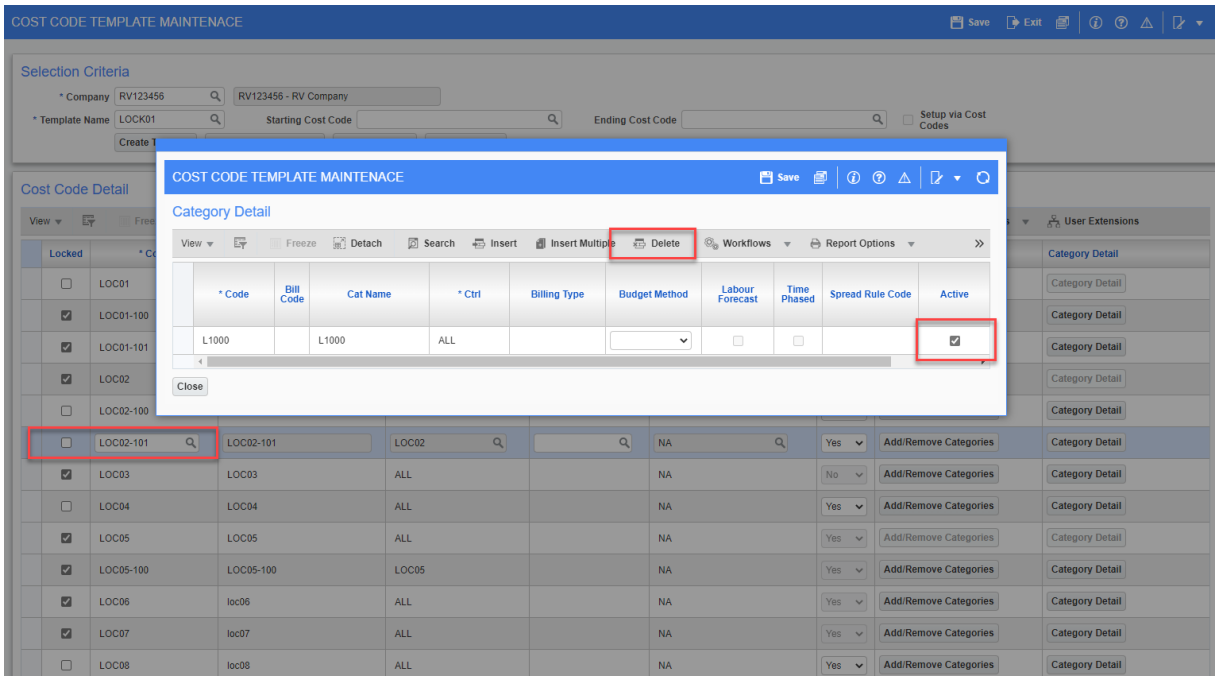
Cost Codes that are Locked cannot be deleted. But if the user has the privilege **JCLOCKCC** then cost codes can be unlocked and deleted. Users without the privilege should contact the system administrator.



3. Similarly, when the Cost Code is Locked then the Active flag for its categories will be disabled and delete button will not be visible.



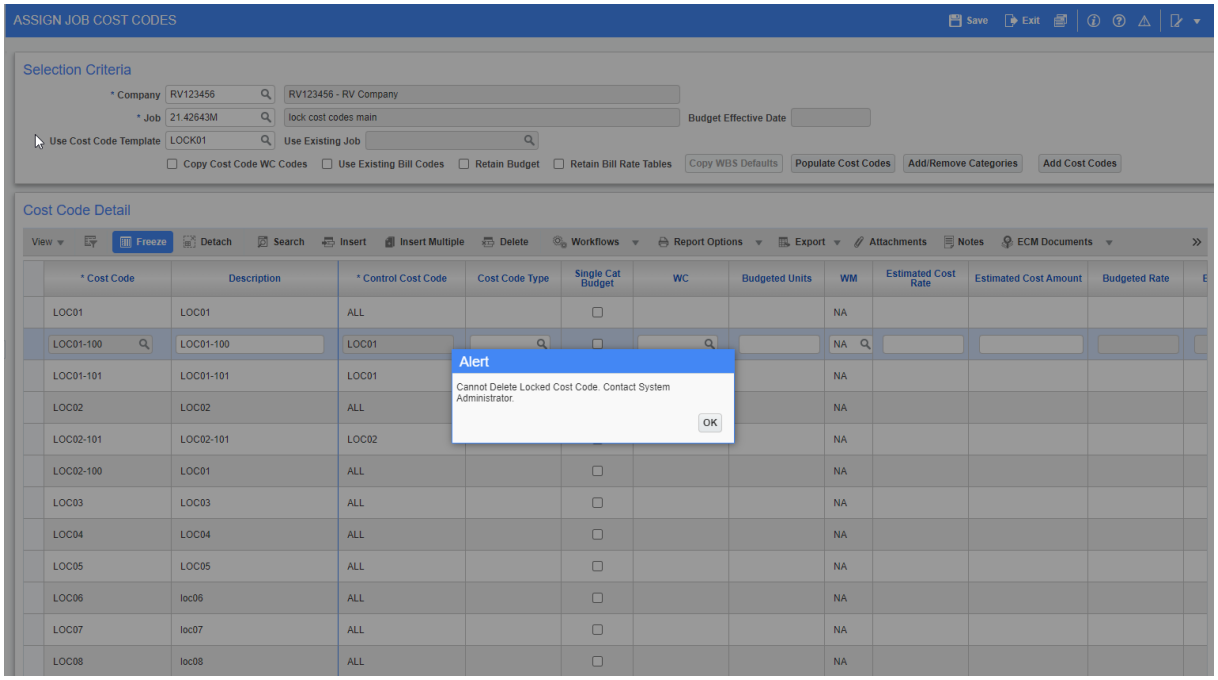
Active button is enabled for the categories for which cost codes are not locked and delete button is also available.



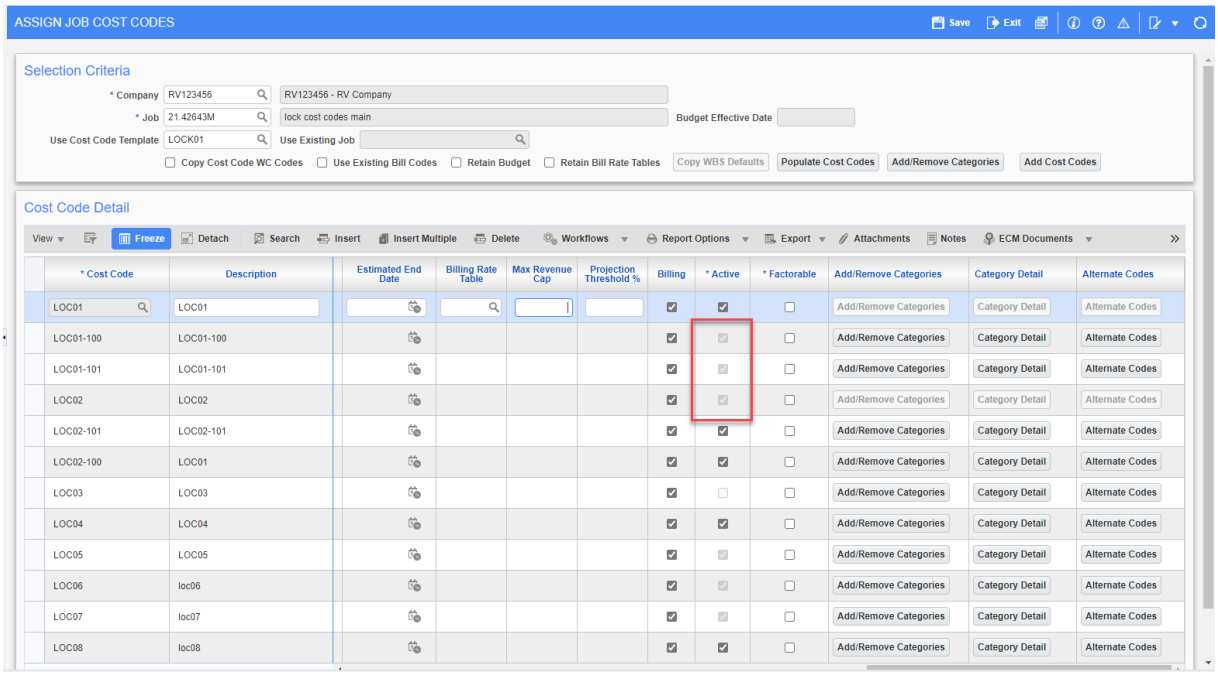
Assign Job Cost Codes (JCPRODSU)

The following modifications are made to the Assign Job Cost Codes screen

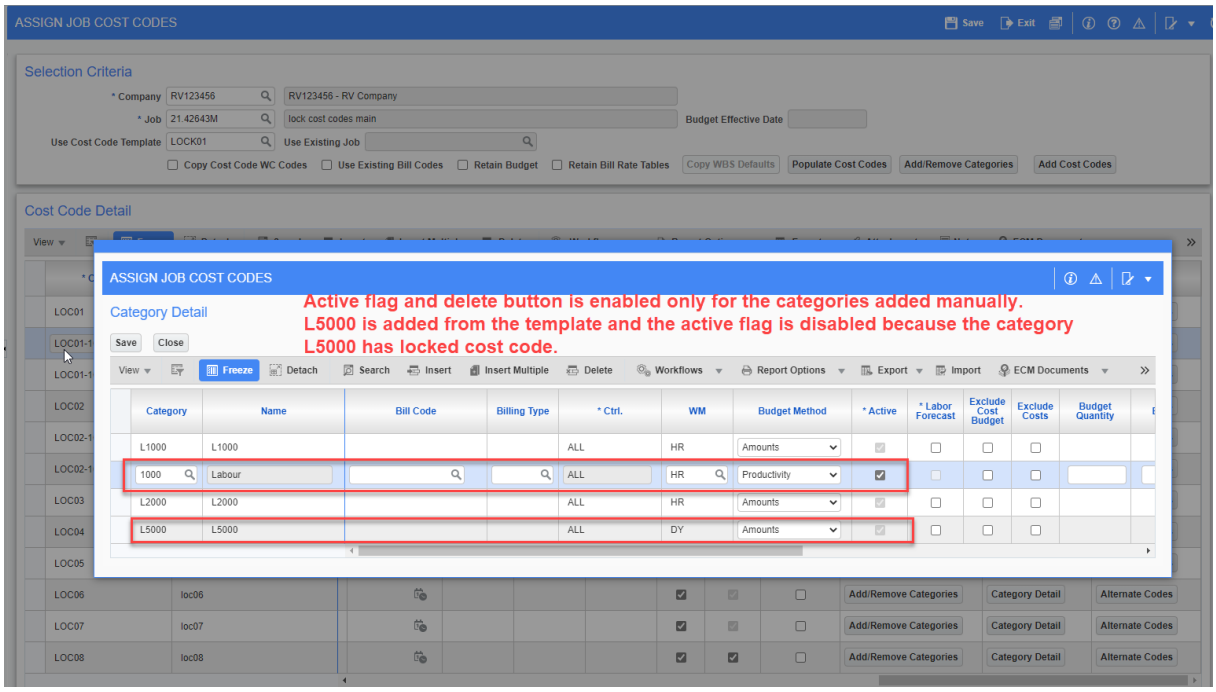
1. When a template is assigned to the job and if the cost codes from the template are locked, then those cost codes cannot be deleted from the job. Alert message is displayed when a user tries to delete the locked cost codes from the job.



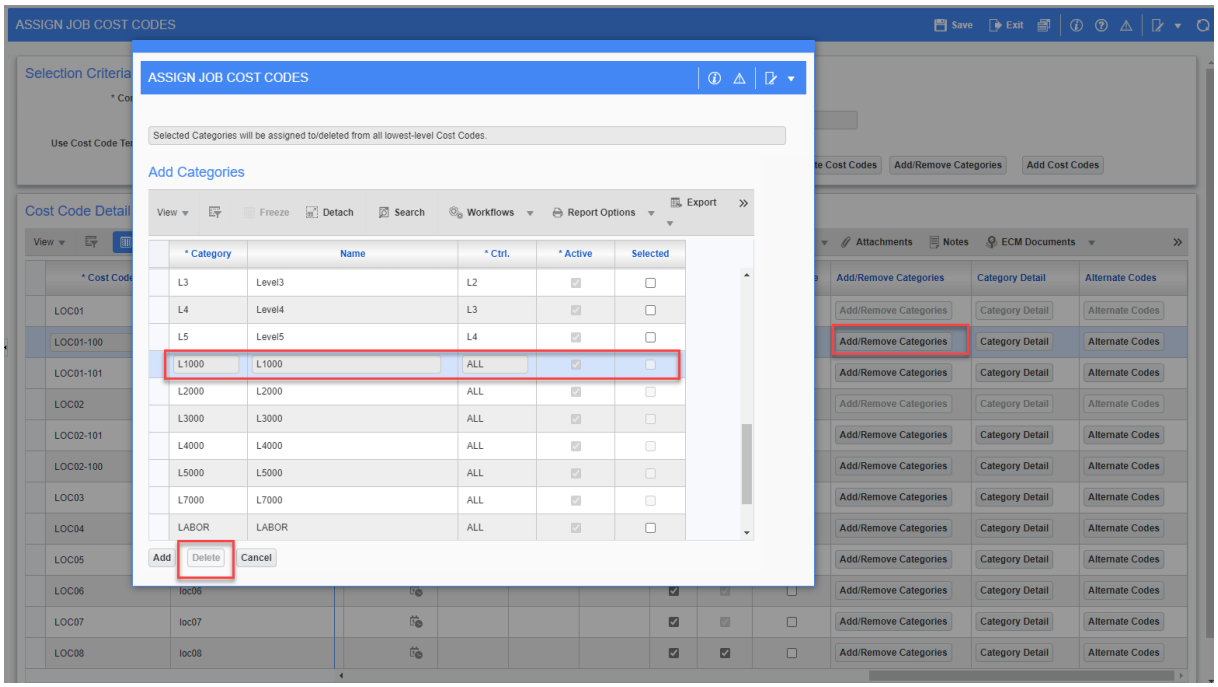
2. For Cost Codes that are Locked in a Template, the Active flag will be disabled.



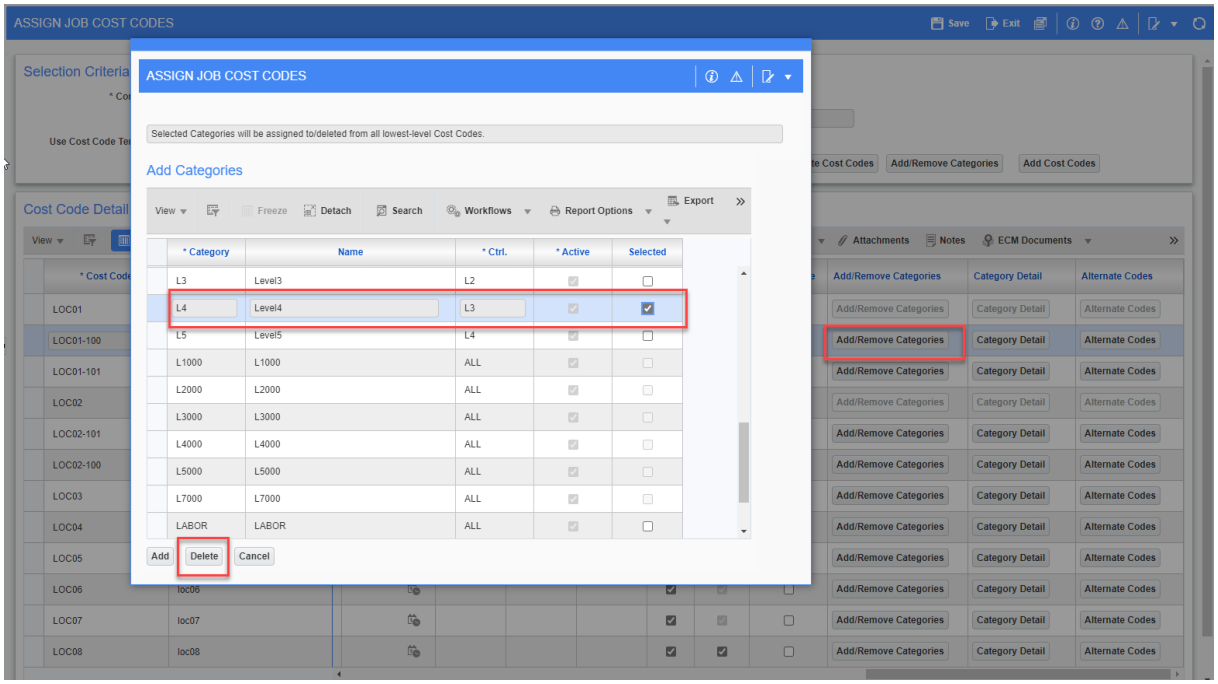
3. When the template is assigned to the job and if the template has cost codes that are locked, then the active flag for the categories of the locked cost codes will be disabled. Delete button will also be not available for those categories.



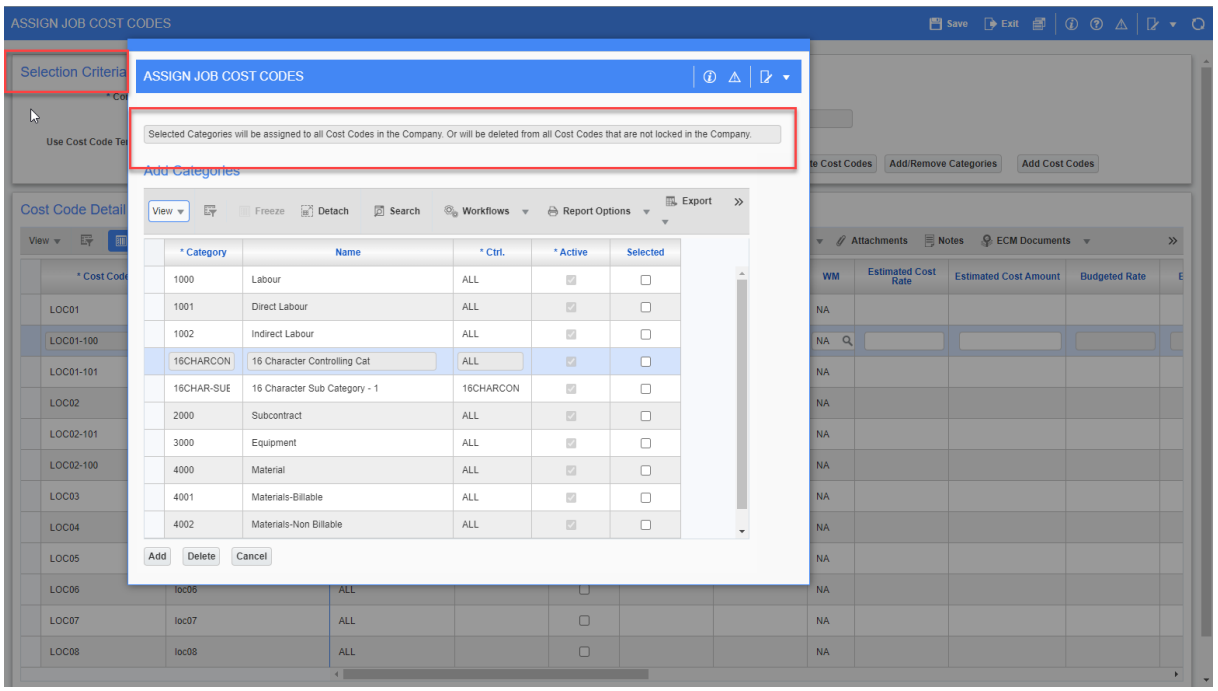
4. When using Add/Remove Categories button, Categories that are included in a Locked Cost Code will not be allowed to delete and the Selected flag will be disabled.



5. If the Categories are added manually (not available in the template) to a locked cost codes on Assign Cost Code screen, then the Selected flag and delete button will be enabled for those categories.

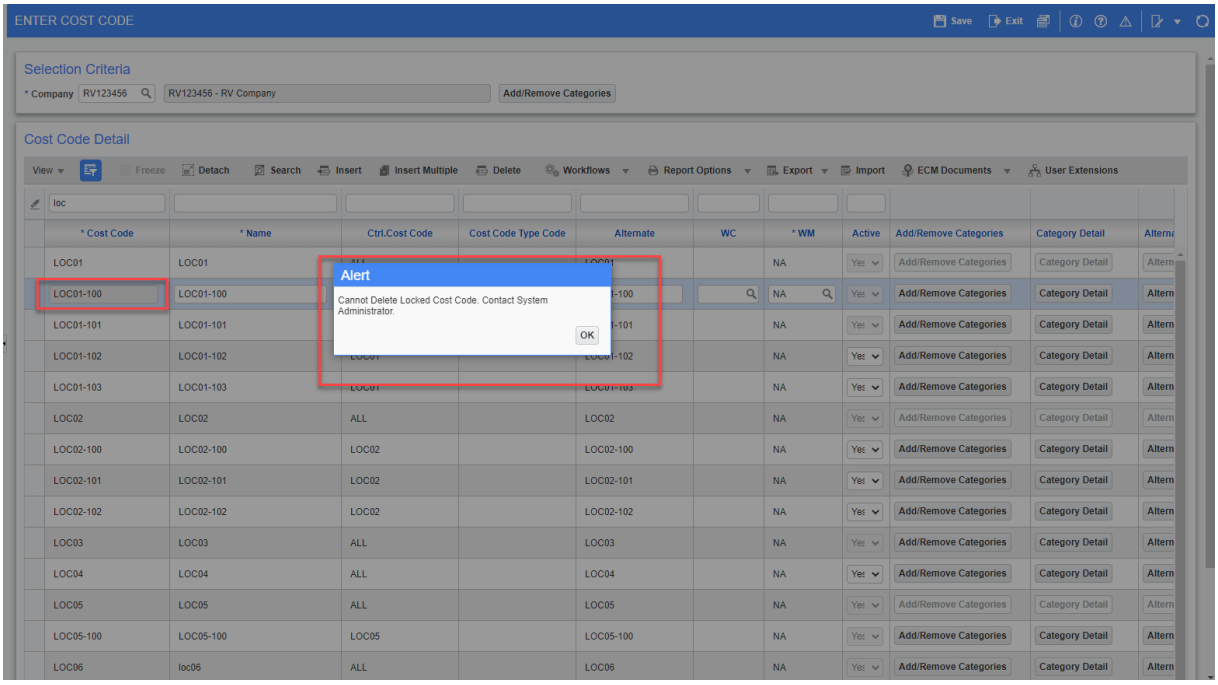


6. When Lock functionality is enabled, then a different message will appear when using Add/Remove Categories from the Selection Criteria block. Only Categories that are not included in a Locked Cost Code will be removed from the Cost Codes.

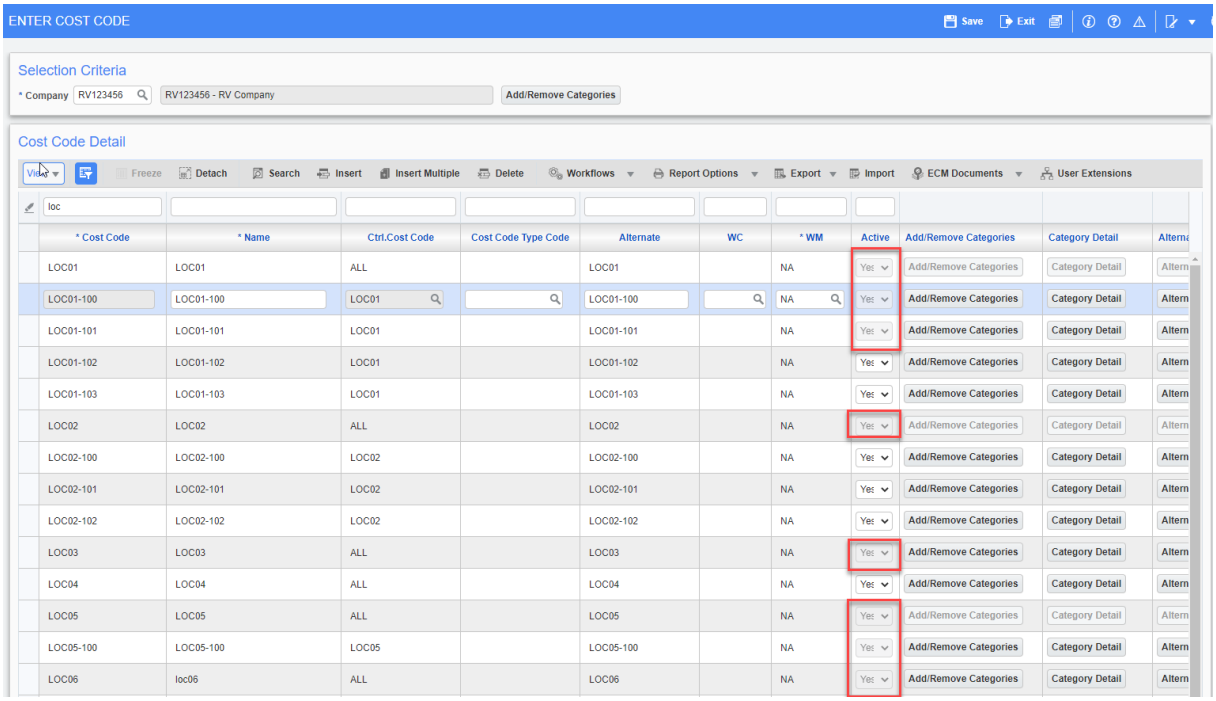


Enter Cost Code (JCPHSMST)

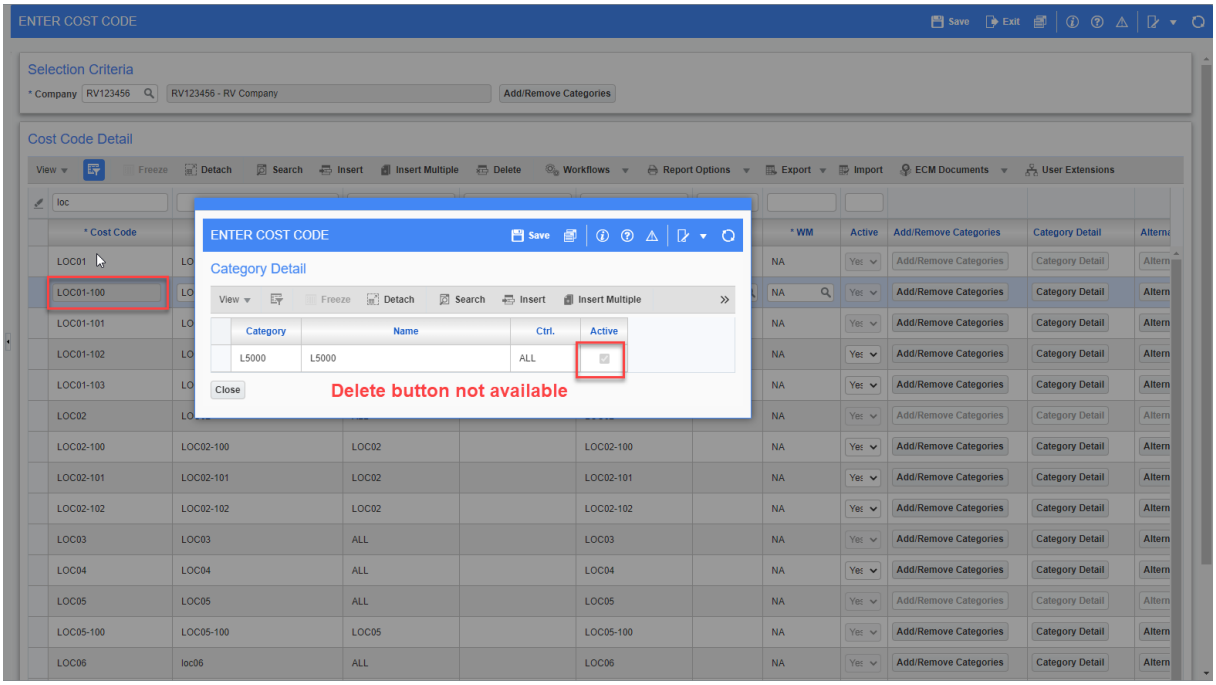
1. If the cost codes added in the template are locked then those locked cost codes cannot be deleted from the Master list. If user tries to delete the locked cost codes from the Master list then an alert message will be displayed.



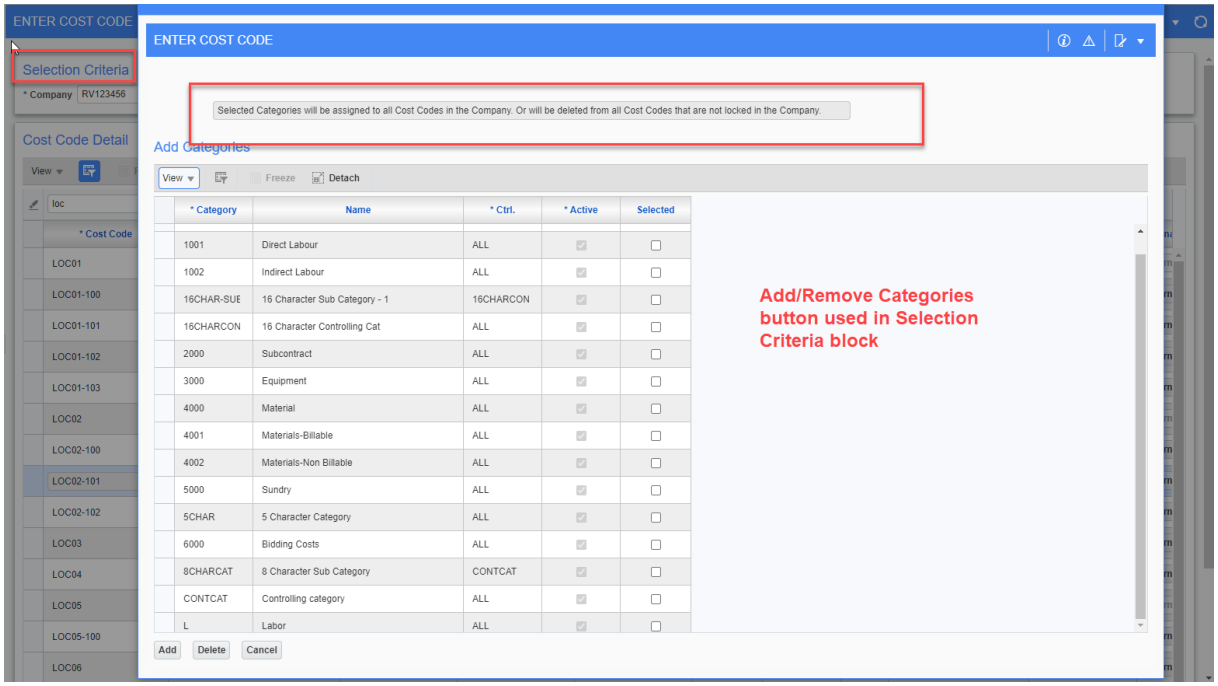
2. For Cost Codes that are Locked in a Template the Active flag will be disabled.



3. If a Cost Code is Locked in a Template, then the delete button will not be visible for the categories that are included in the locked Cost Code and the Active flag will be disabled.

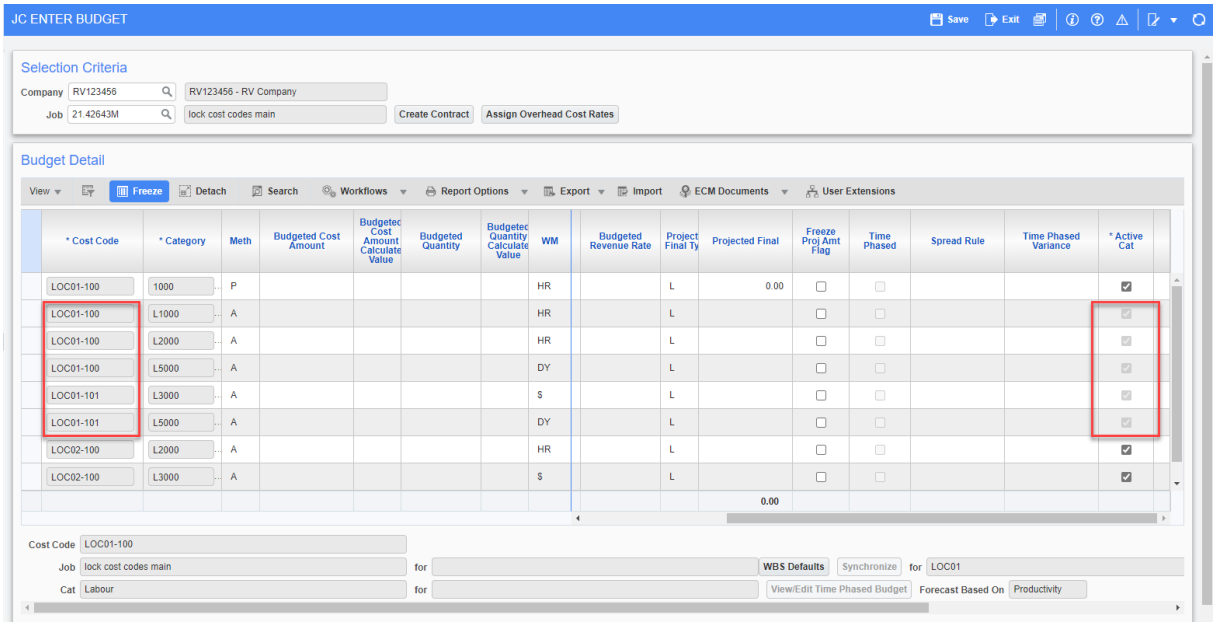


4. When Lock functionality is enabled then a different message will appear when using Add/Remove Categories from the Selection Criteria block. Only Categories that are not included in a Locked Cost Code will be removed from the Cost Codes.



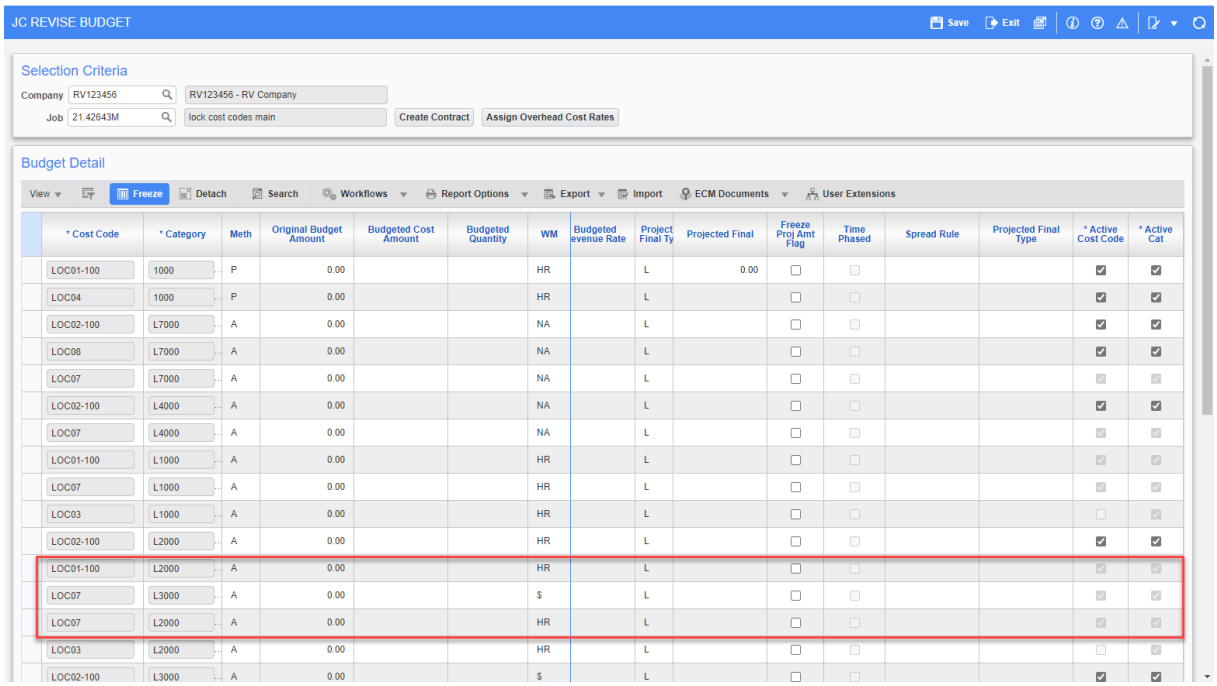
Enter Budget (JCBUDGET)

Active Category flag will be disabled if the Category is included in a Locked Cost Code.



Revise Budget (JCBUDGUP)

Active Cost Code and Active Category flags will be disabled when the Cost Codes are locked, and the Category is included in a Locked Cost Code.



Material Sales

‘Print Address’ Option in Billing Invoices (15.11148)

To provide the ability to print or suppress the Company Address Information in MS Billing Invoices.

There may be a case where the company logo itself may have the address information hence printing of address details again may NOT be necessary.

Modifications:

The MS Control form > Invoices Tab is modified with a new checkbox ‘Print Company Address On Invoice’.

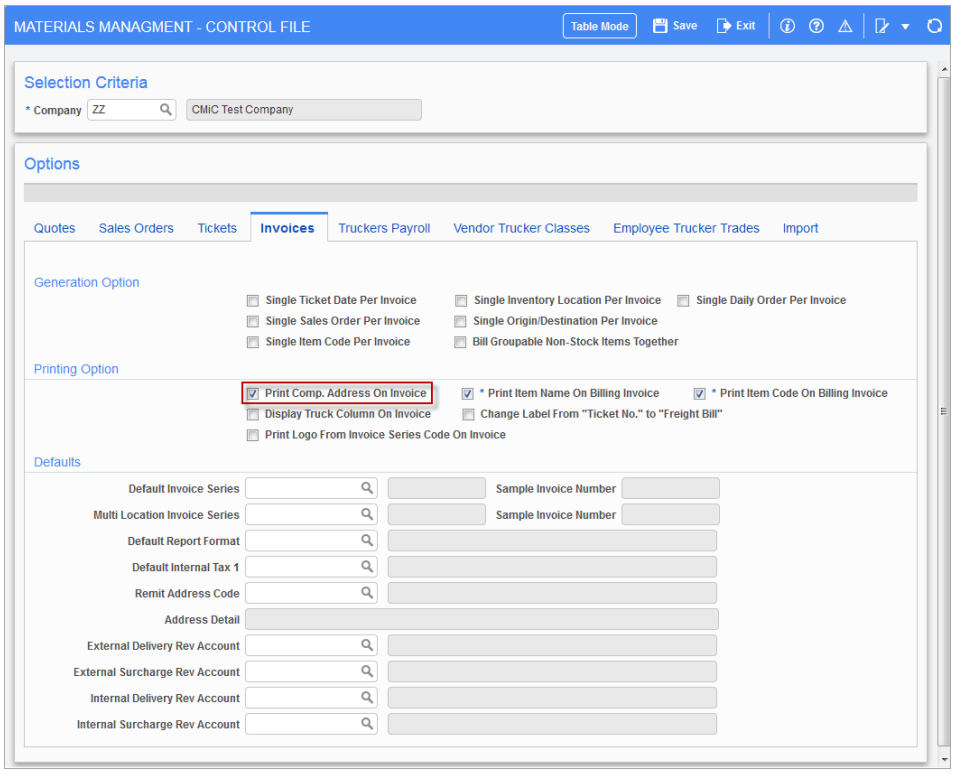
The default value is ‘Checked’. The address information will always be printed, which is the existing functionality.

When ‘un-checked’, then the address information will NOT be printed.

Examples:

The following examples show, that the new flag controls the printing of the address on the MS Billing invoices.

Existing Functionality: When Checked:



CMiC Computer Methods international Corp.

INVOICE

ZZ-ACME01

CMiC Test Company FL Name Test
123 Lakeshore Drive Suitt-3 Chicago IL 1234KK USA

Page 1 Of 1

SOLD TO :

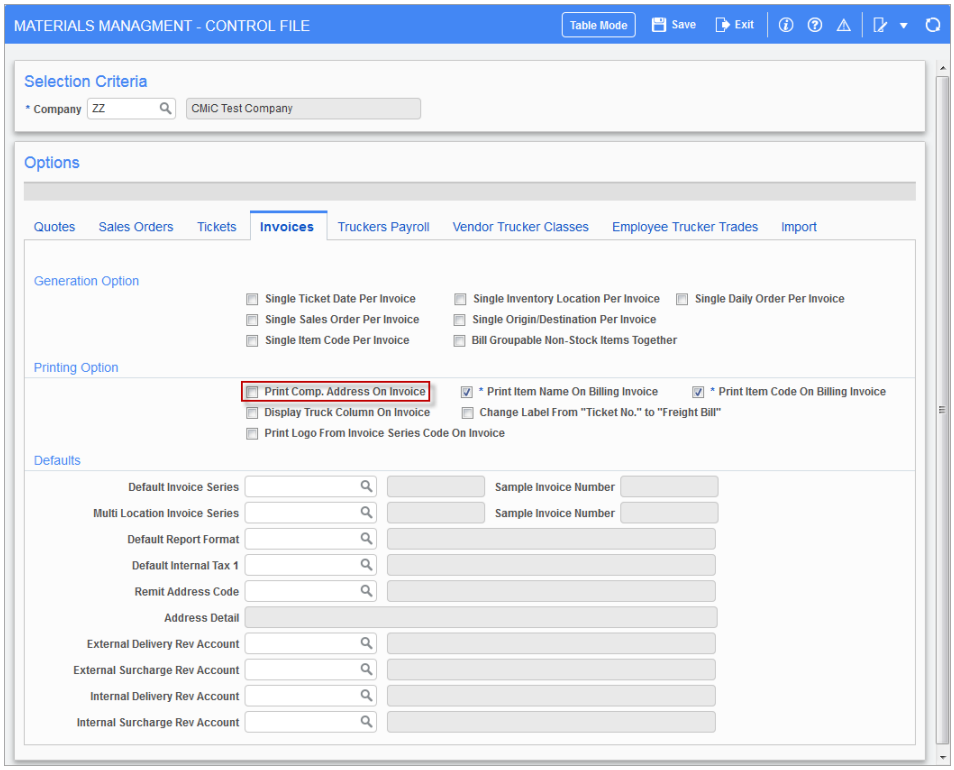
ZZ-Acme Supply
123 Greenbriar Lane Unit 75
Chicago
US

Job Location:
Origin: Toronto
Destination: Ottawa
City: Toronto

Contact: Mr. Green
Tel: (847) 555-1212
Fax: (847) 555-1313

New Functionality:

When Un-Checked: Address Information Will NOT be Printed.



CMiC Computer Methods international Corp.

INVOICE

ZZ-ACME01

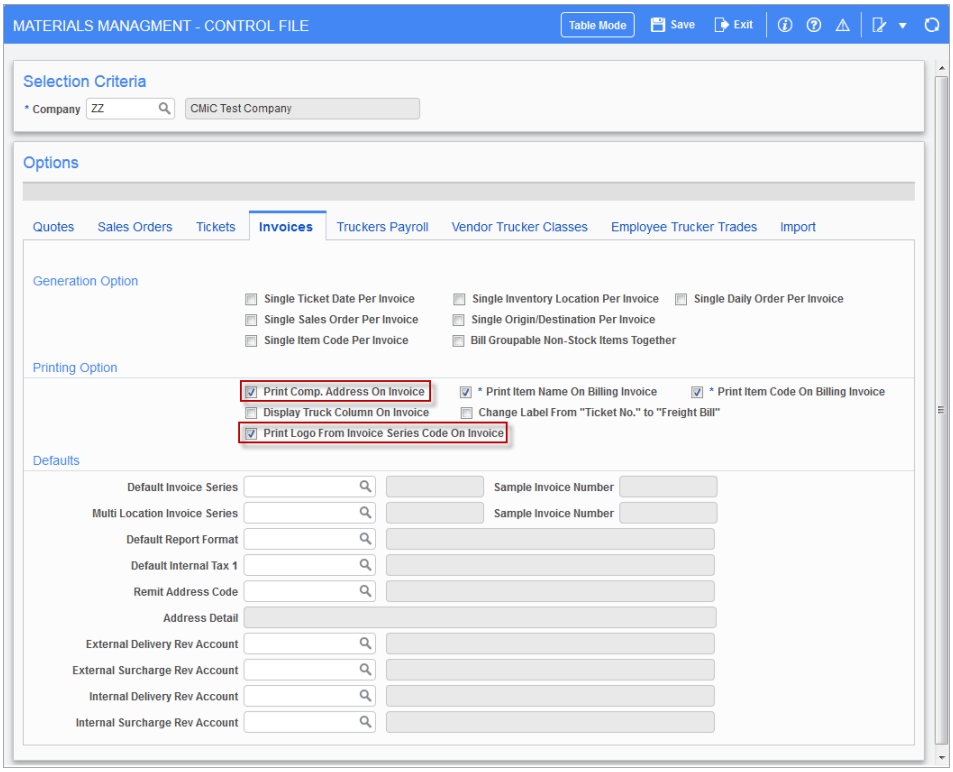
Page 1 Of 1

SOLD TO :

ZZ-Acme Supply
123 Greenbriar Lane Unit 75
Chicago
US

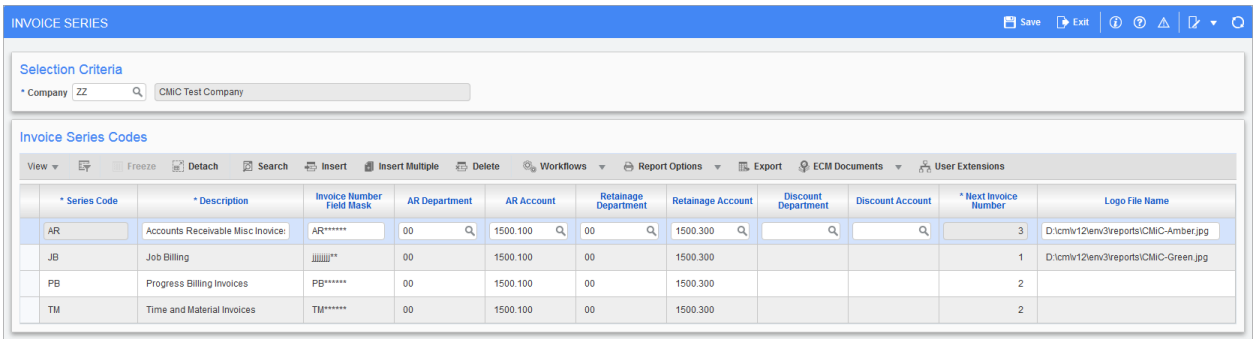
Contact: Mr. Green
Tel: (847) 555-1212
Fax: (847) 555-1313

Job Location:
Origin: Toronto
Destination: Ottawa
City: Toronto



The following screens show how the logo file is determined for printing.

When the Default Invoice Series Code has logo file path defined, then the specific logo will be printed. When no logo file path defined, then Company logo will be printed. This is an existing functionality and the following screens show an example of the same.



CMiC

CMiC Test Company FL Name Test
123 Lakeshore Drive Suitt-3 Chicago IL 1234KK USA

INVOICE

ZZ-ACME01

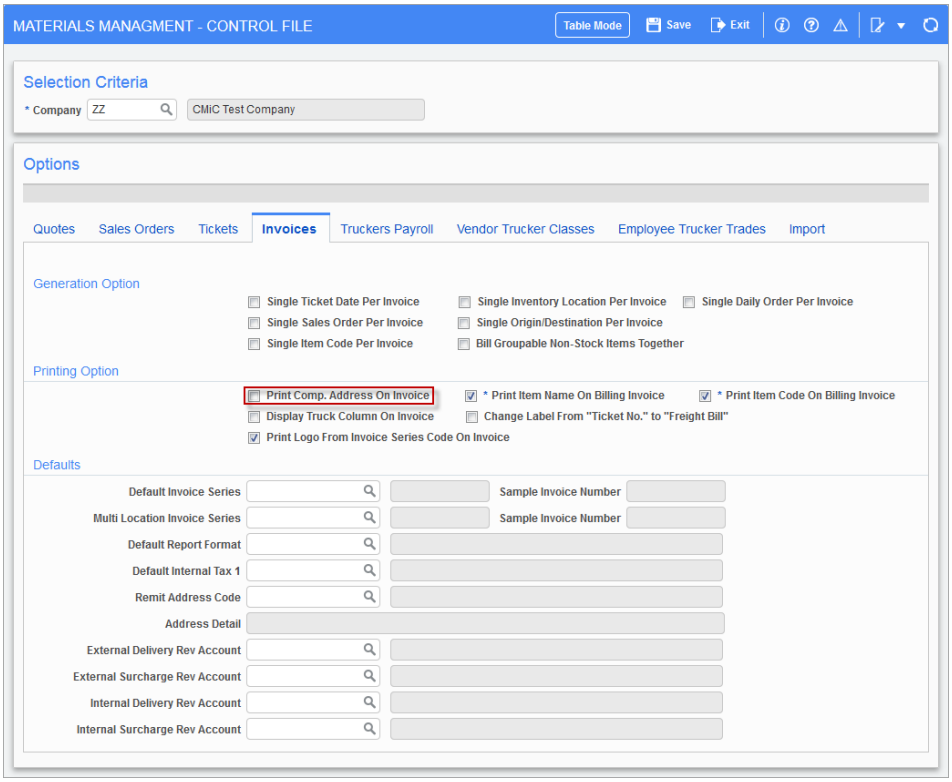
Page 1 Of 1

SOLD TO :

ZZ-Acme Supply
123 Greenbriar Lane Unit 75
Chicago
US

Job Location:
Origin: Toronto
Destination: Ottawa
City: Toronto

Contact: Mr. Green
Tel: (847) 555-1212
Fax: (847) 555-1313



CMiC

INVOICE

ZZ-ACME01

Page 1 Of 1

SOLD TO :

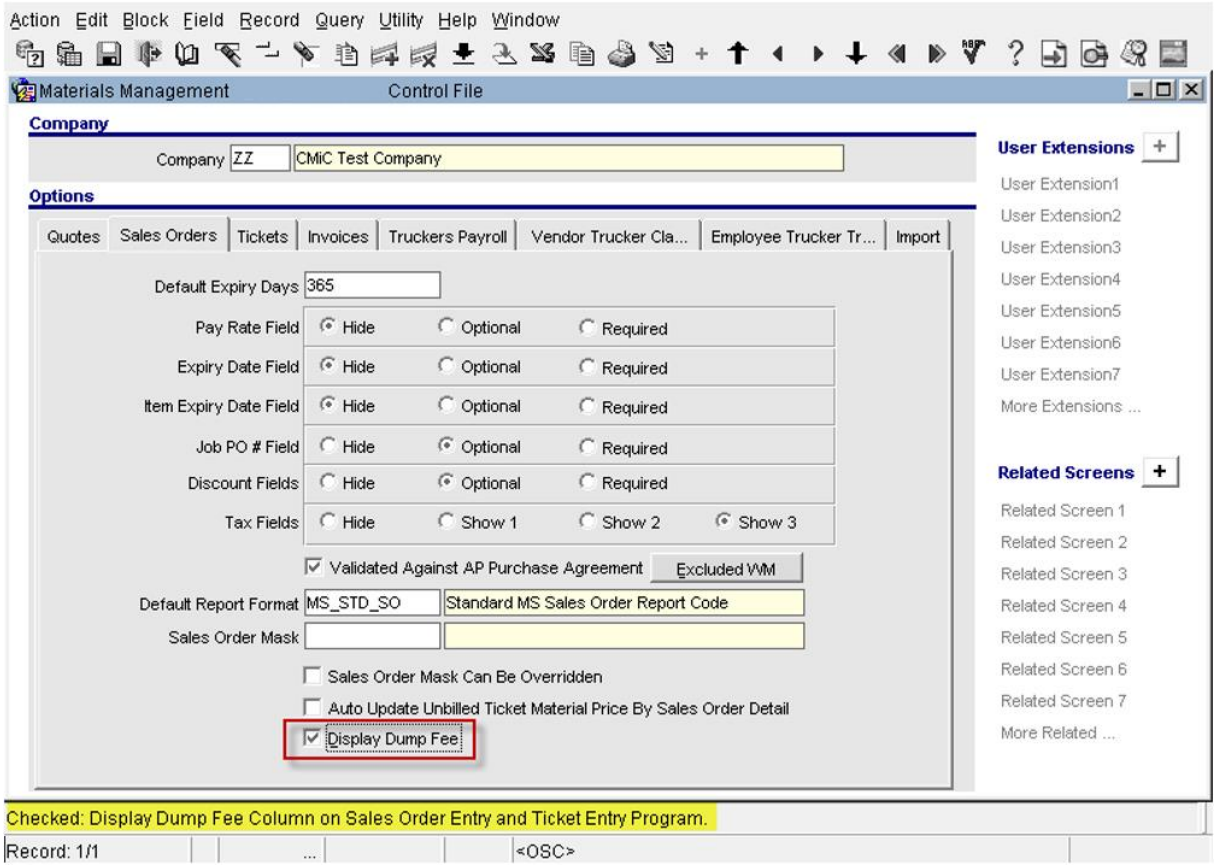
ZZ-Acme Supply
123 Greenbriar Lane Unit 75
Chicago
US

Job Location:
Origin: Toronto
Destination: Ottawa
City: Toronto

Contact: Mr. Green
Tel: (847) 555-1212
Fax: (847) 555-1313

MS Ticket Entry > Column for 'Dump Fee' Amount (15.12164)

The MS Company Control File is modified with a check box 'Display Dump Fee' under Sales Order Tab. The default value is 'N'.



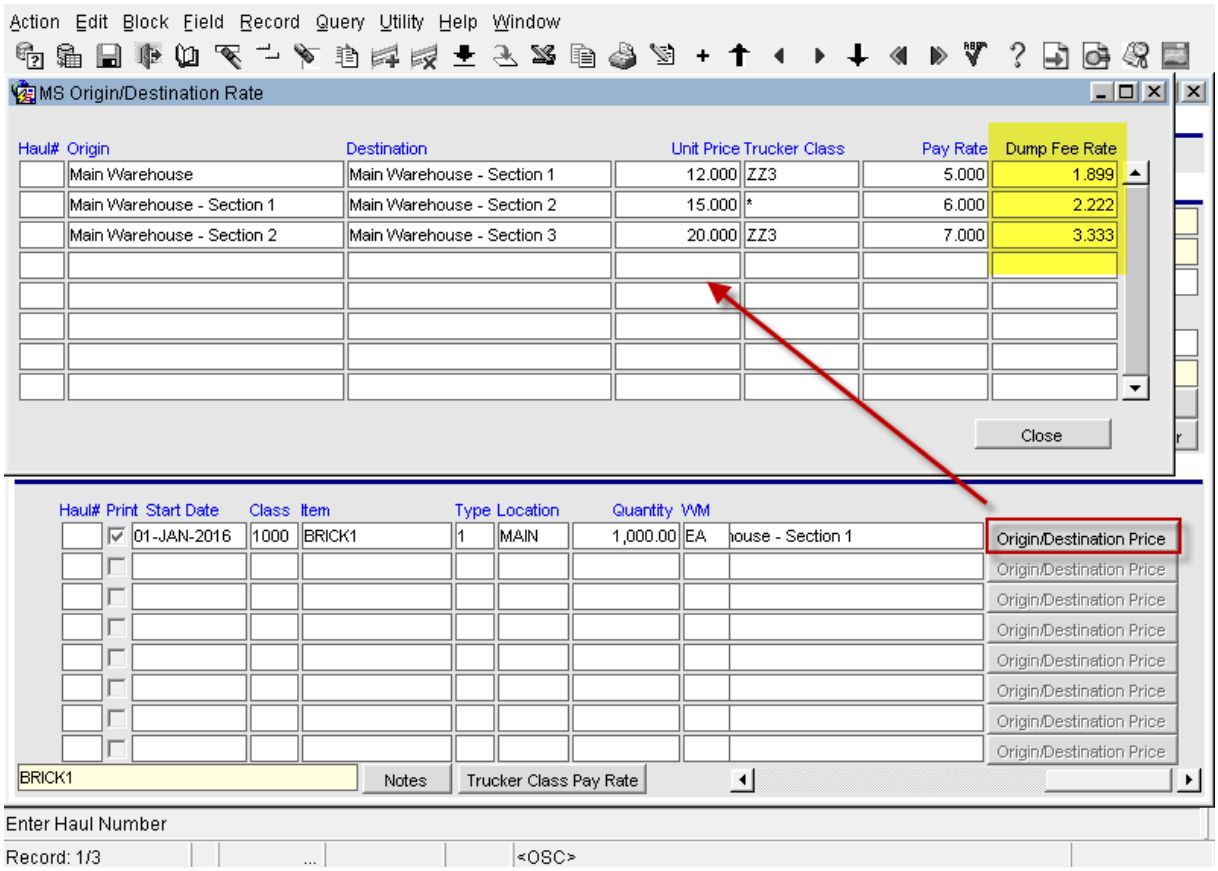
Also added the 'Dump Fee' Column in the following screens:

Sales Order Entry > 'Origin/Destination' popup screen > Next to Pay Rate column

Ticket Entry program > Next to the Trucker Pay Column

When the flag in control file is checked, then the system will display the ‘Dump Fee’ column in both programs specified above.

Sales Order Entry:



The Sales Order Entry allows users maintain a ‘Dump Fee Rate’ against an Origin/Destination combination record.

Ticket Entry:

The Ticket Entry program, when users specify the Origin/Destination values and enter the item quantity, the dump fee will be calculated and populated as

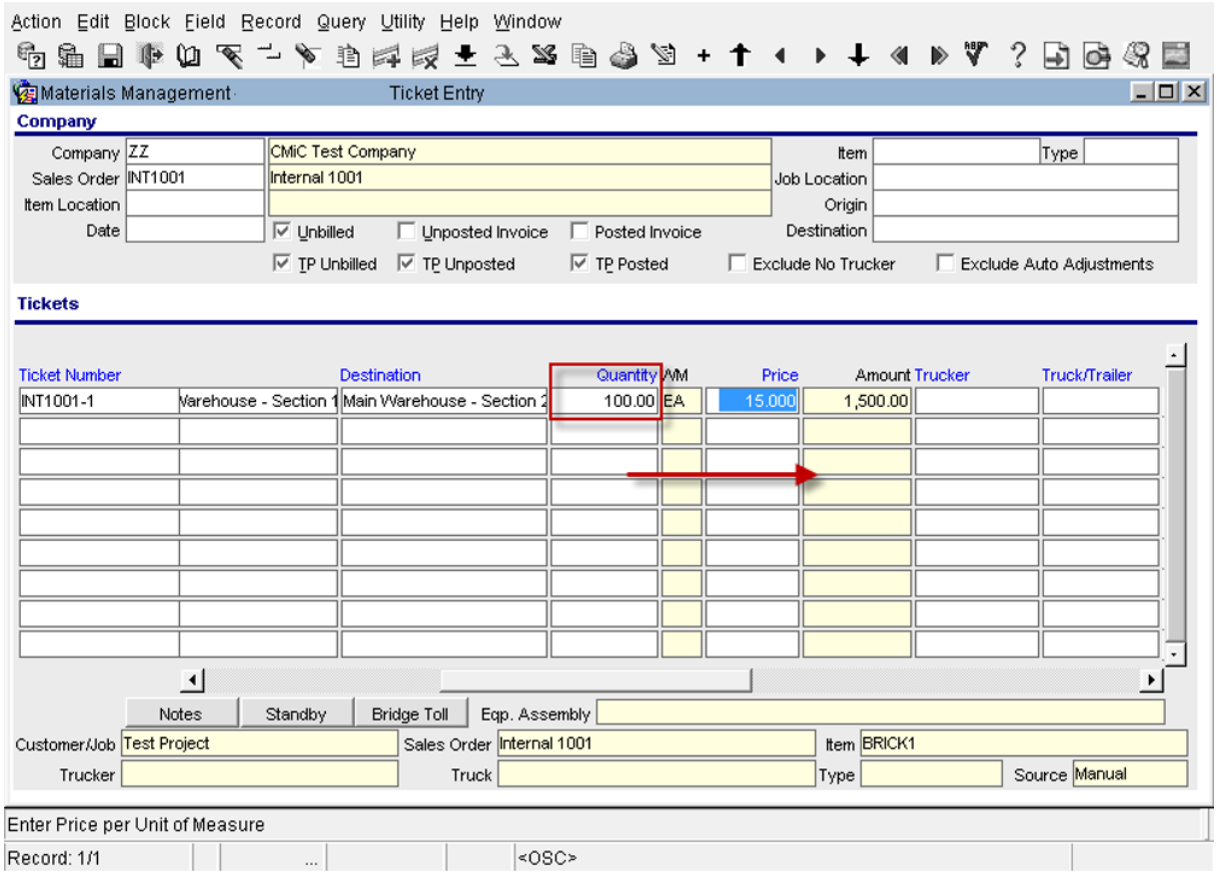
Dump Fee = Quantity * Dump Fee Rate

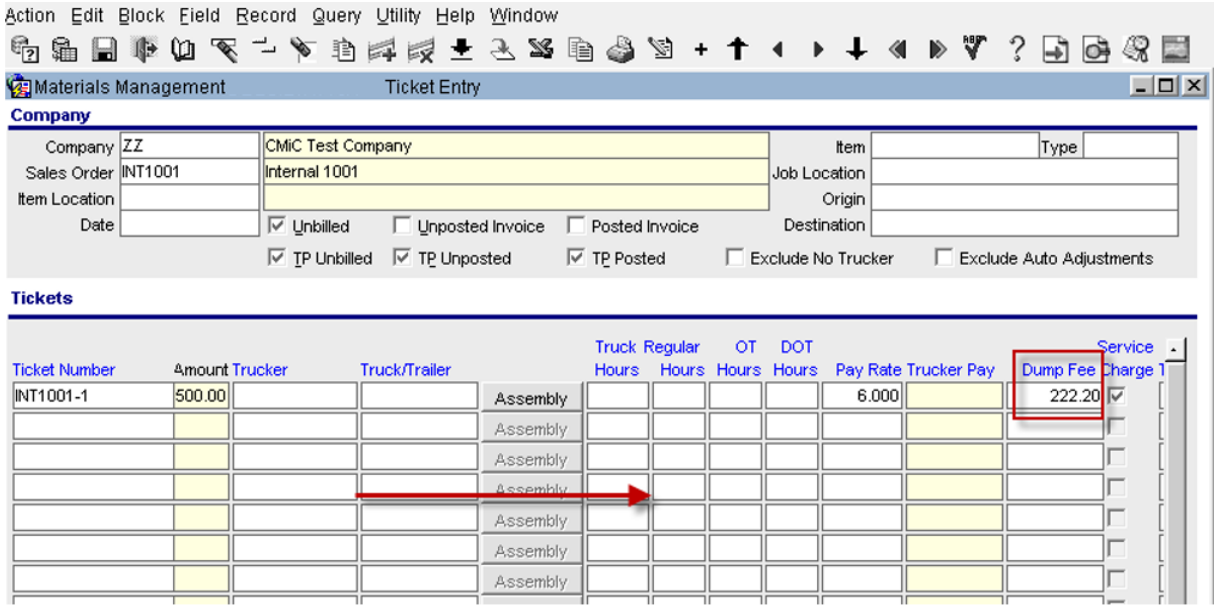
This field is updateable and users may override the amount as required.

Also, regardless of whether the trucker’s payroll or Billing Invoice are posted or not, this field is always updateable.

This value is only for reference and may be used for any custom queries or reports.

No other standard programs, queries or reports will be impacted with this change.


Action Edit Block Field Record Query Utility Help Window
Materials Management Ticket Entry
Company
Company ZZ CMiC Test Company
Sales Order INT1001 Internal 1001
Item Location
Date
Item Type
Job Location
Origin
Destination
Unbilled Unposted Invoice Posted Invoice
TP Unbilled TP Unposted TP Posted Exclude No Trucker Exclude Auto Adjustments
Tickets
Ticket Number Destination Quantity UM Price Amount Trucker Truck/Trailer
INT1001-1 Warehouse - Section 1 Main Warehouse - Section 2 100.00 EA 15.000 1,500.00
Notes Standby Bridge Toll Eqp. Assembly
Customer/Job Test Project Sales Order Internal 1001 Item BRICK1
Trucker Truck Type Source Manual
Enter Price per Unit of Measure
Record: 1/1
<OSC>


Action Edit Block Field Record Query Utility Help Window
Materials Management Ticket Entry
Company
Company ZZ CMiC Test Company
Sales Order INT1001 Internal 1001
Item Location
Date
Item Type
Job Location
Origin
Destination
Unbilled Unposted Invoice Posted Invoice
TP Unbilled TP Unposted TP Posted Exclude No Trucker Exclude Auto Adjustments
Tickets
Ticket Number Amount Trucker Truck/Trailer Truck Hours Regular Hours OT Hours DOT Hours Pay Rate Trucker Pay Dump Fee Service Charge
INT1001-1 500.00 Assembly 6.000 222.20
Assembly

Note:

When users want a different set of origin/destination, they have to delete the line and then reenter to have the dump fee recalculated. Otherwise the previously populated or overridden value will be retained.

Sales Order Entry > Service Charge Override Changes (15.11193)

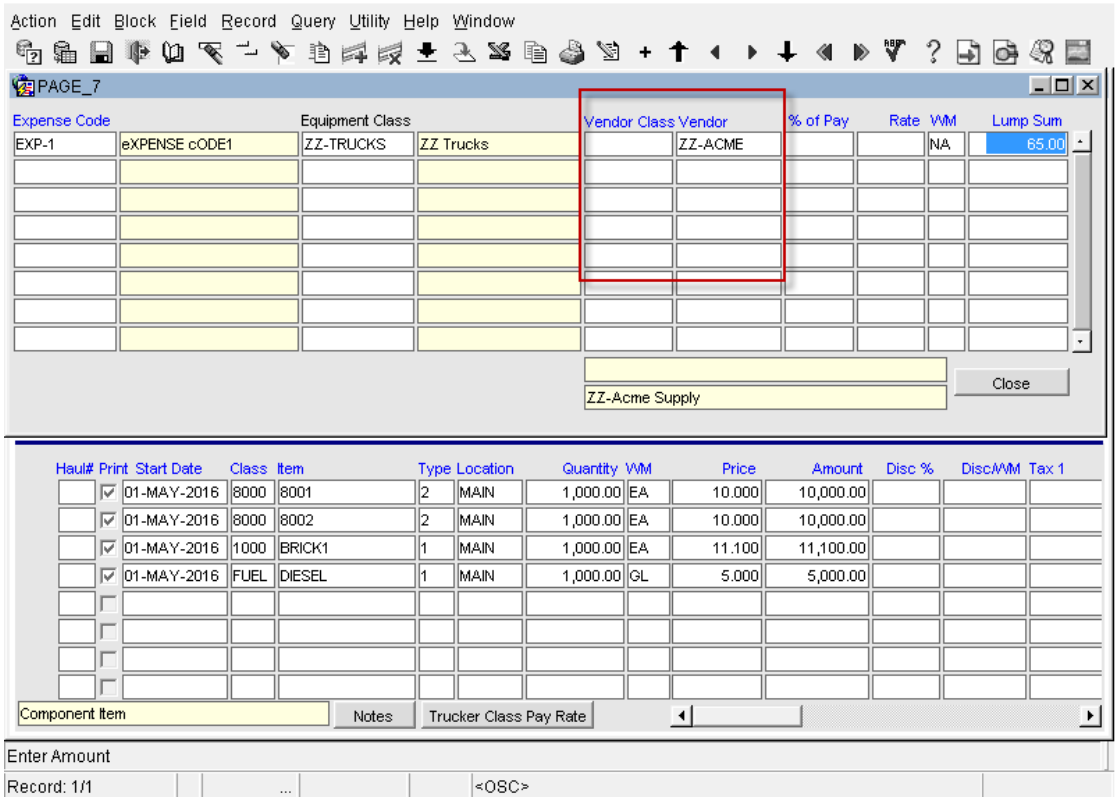
Added two columns in Service Charge Override popup in Sales Order Entry header.

Vendor class Varchar2(4)

Vendor Code Varchar2(8)

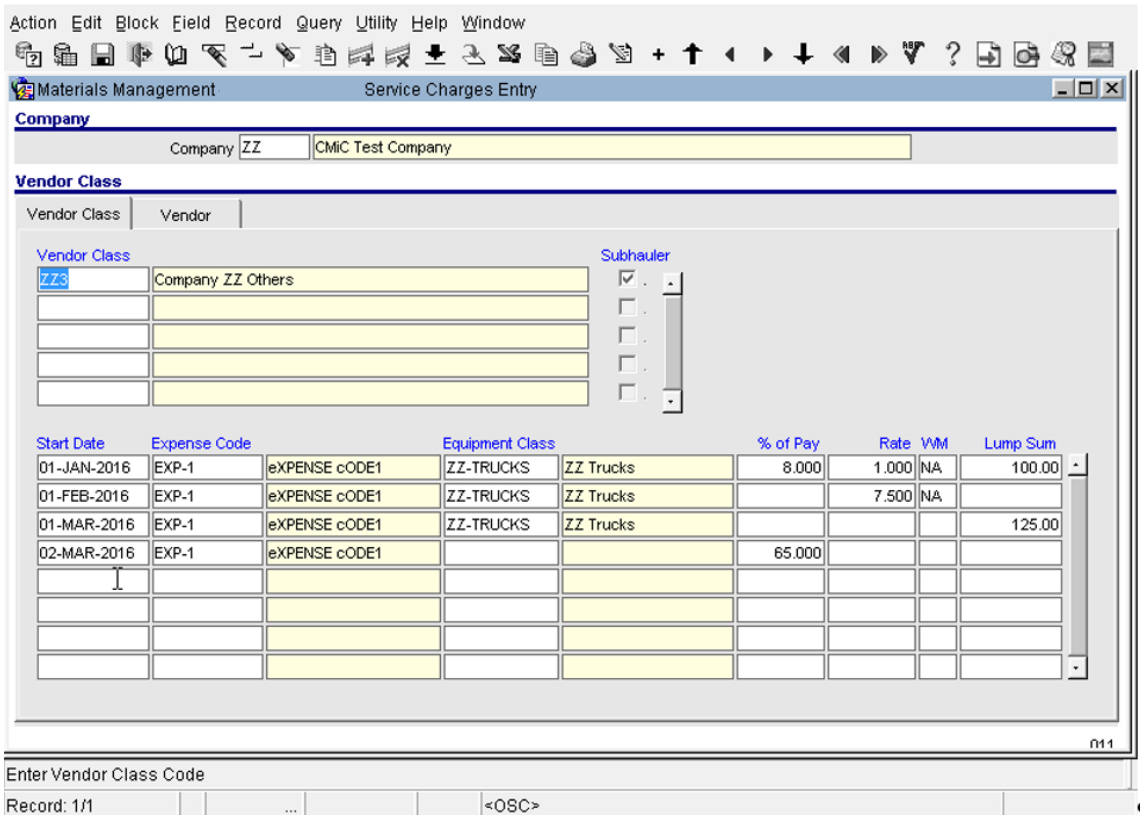
Users may enter or select valid values from the LOV. Users are allowed to select either one of the column values and not both. When users select any one column value, the other column will be cleared.

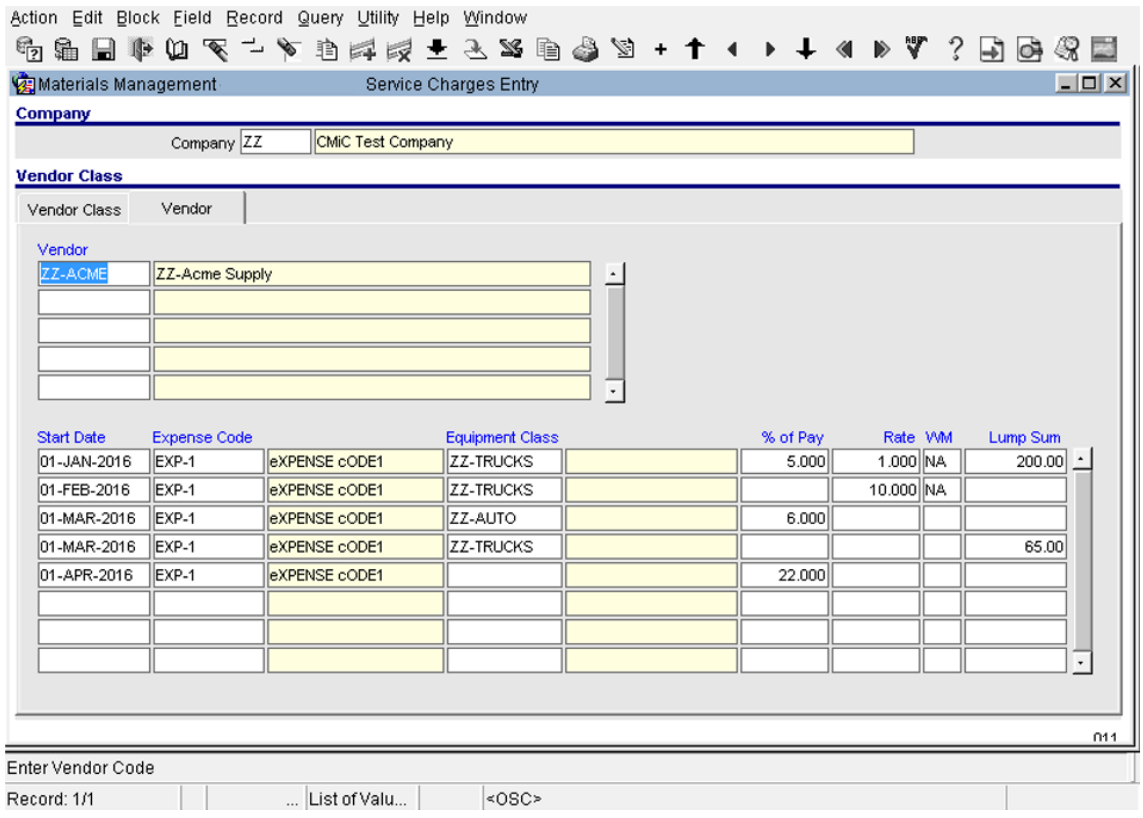
The system will auto-populate the Service Charge values as per the Service Charge Maintenance, if available. These values may be overridden as required by the users.



MS > Sales Order Entry > Service Charges popup

The following two screens show the Service Charge Maintenance where the charges are maintained at Vendor or Vendor Class Level. These values will be defaulted accordingly, when users selection of Equipment Class, Vendor Class or Vendor accordingly.


Action Edit Block Field Record Query Utility Help Window
Materials Management
Service Charges Entry
Company
Company ZZ
CMiC Test Company
Vendor Class
Vendor Class
Vendor
Vendor Class
Subhauler
ZZ3
Company ZZ Others
Start Date
Expense Code
Equipment Class
% of Pay
Rate
WM
Lump Sum
01-JAN-2016 EXP-1 eXPENSE cODE1 ZZ-TRUCKS ZZ Trucks 8.000 1.000 NA 100.00
01-FEB-2016 EXP-1 eXPENSE cODE1 ZZ-TRUCKS ZZ Trucks 7.500 NA
01-MAR-2016 EXP-1 eXPENSE cODE1 ZZ-TRUCKS ZZ Trucks 125.00
02-MAR-2016 EXP-1 eXPENSE cODE1 65.000
011
Enter Vendor Class Code
Record: 1/1
<OSC>


Action Edit Block Field Record Query Utility Help Window
Materials Management
Service Charges Entry
Company
Company ZZ
CMiC Test Company
Vendor Class
Vendor Class
Vendor
Vendor
ZZ-ACME
ZZ-Acme Supply
Start Date
Expense Code
Equipment Class
% of Pay
Rate
WM
Lump Sum
01-JAN-2016 EXP-1 eXPENSE cODE1 ZZ-TRUCKS 5.000 1.000 NA 200.00
01-FEB-2016 EXP-1 eXPENSE cODE1 ZZ-TRUCKS 10.000 NA
01-MAR-2016 EXP-1 eXPENSE cODE1 ZZ-AUTO 6.000
01-MAR-2016 EXP-1 eXPENSE cODE1 ZZ-TRUCKS 65.00
01-APR-2016 EXP-1 eXPENSE cODE1 22.000
011
Enter Vendor Code
Record: 1/1
List of Valu...
<OSC>

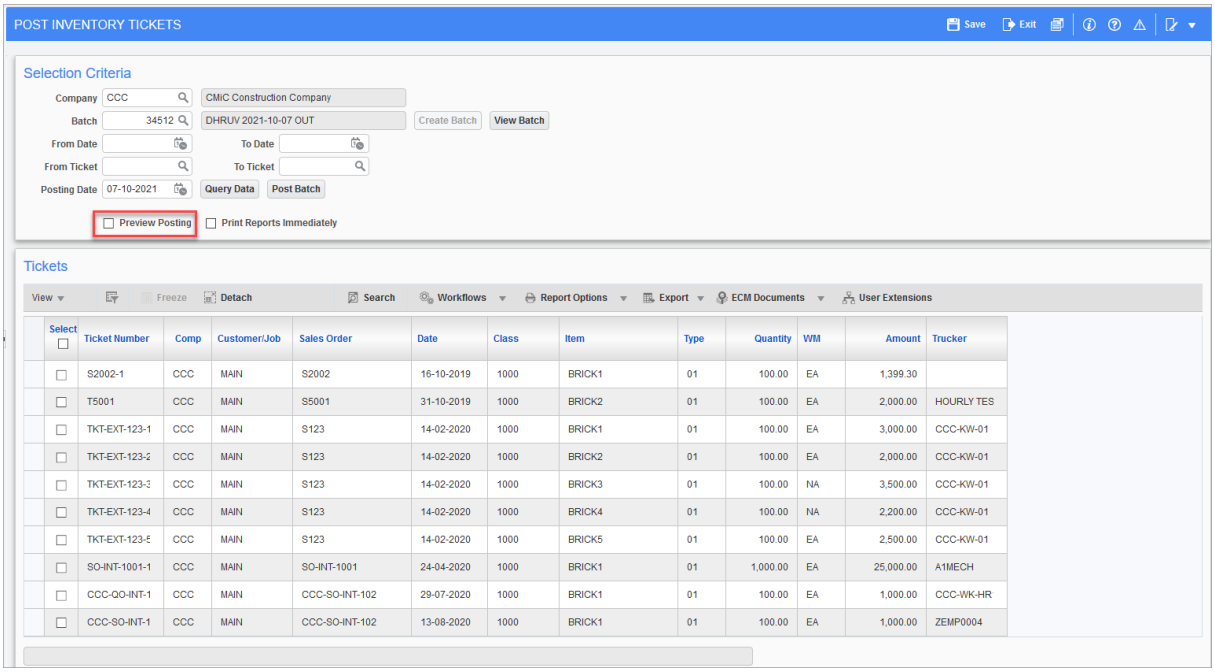
Added Preview Posting option to Post Inventory Ticket Program (21.37851)

Overview

- ‘Print Preview’ flag is added to ‘Post Inventory Ticket’ program
- Program: MS_POST_TICKETS

Modification

Highlighted flag shows the new ‘Preview Posting’ flag.



Material Sales > Ticket > Post Inventory Tickets

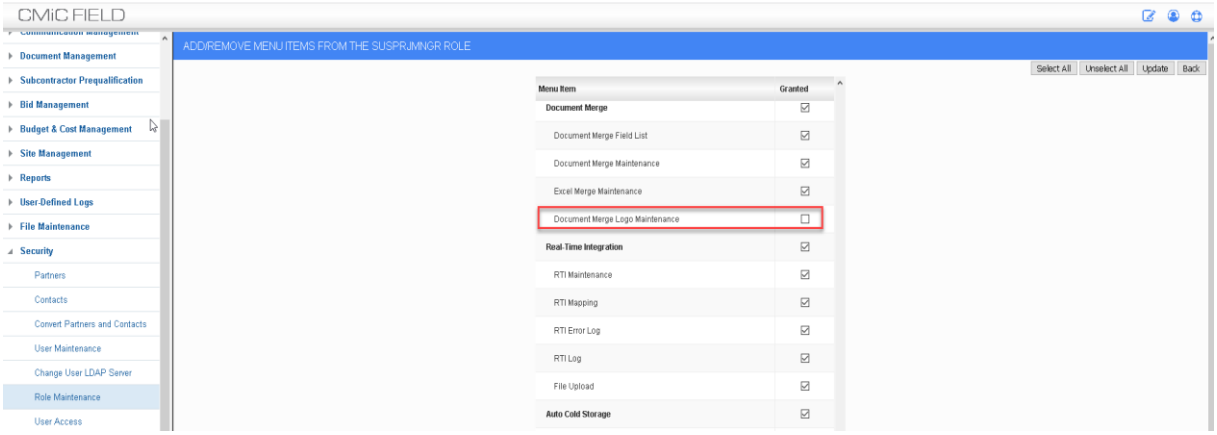
Microsoft Integration Package

MIP - Adding Logos Based on Company (19.79674)

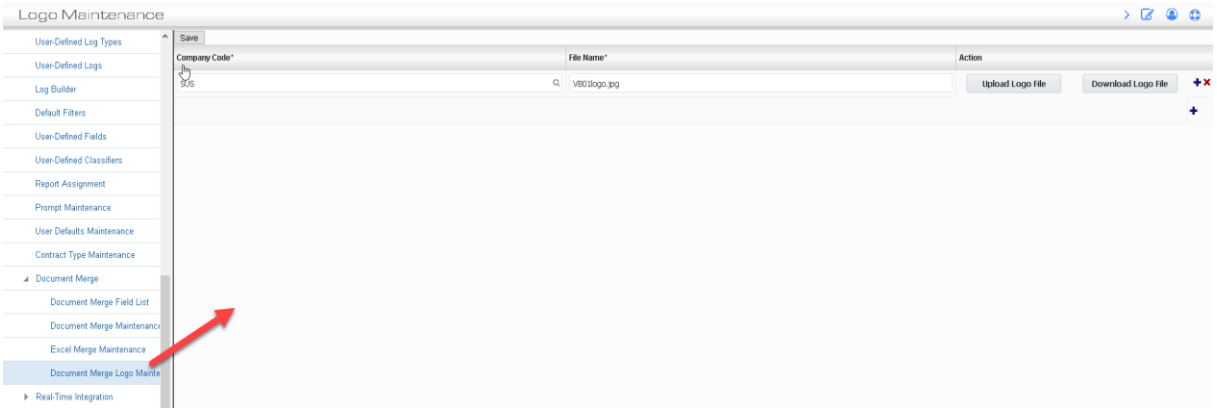
Changes have been made to allow Microsoft Integration Programs (MIPs) to use the same template for all companies but be able to change the logo as needed, replicating Forms behavior.

These changes include allowing merge documents to use .png and .jpg in the template for the logo.

To maintain these logos, a new menu item has been created “Document Merge Logo Maintenance”:



Security access will be required and any custom tree-view will need to be adjusted to make this menu item available to users.

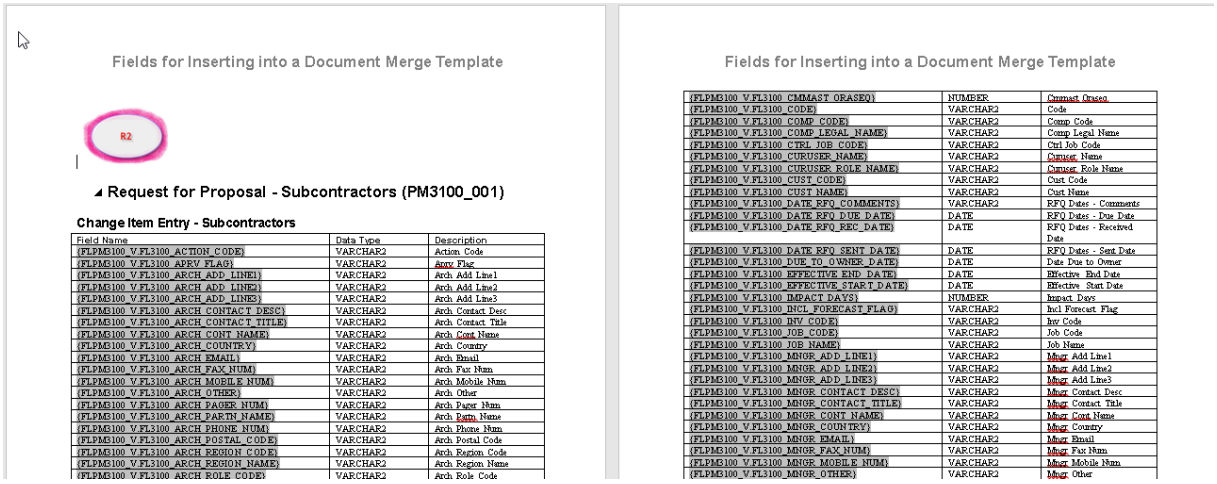


Any logo maintained in this screen for a Company (1 per company) will replace the default logo in MIP templates.

If no logo was uploaded for the current company the default logo will not be replaced.
If no logo was included in the template the merge will still proceed correctly.

Example:

Template with default logo:



Fields for Inserting into a Document Merge Template

Request for Proposal - Subcontractors (PM3100_001)

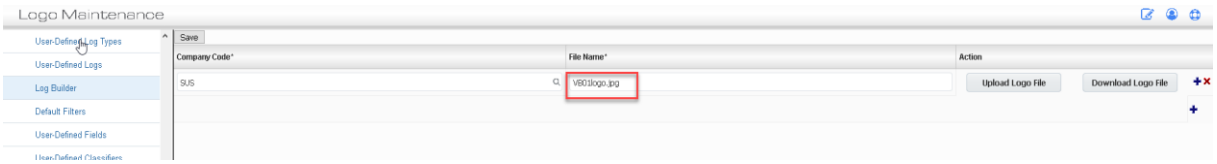
Change Item Entry - Subcontractors

Field Name	Data Type	Description
{FLPM3100_V.FL3100_ACTION_CODE}	VARCHAR2	Action Code
{FLPM3100_V.FL3100_APRV_FLAG}	VARCHAR2	Aprv Flag
{FLPM3100_V.FL3100_ARCH_ADD_LINE1}	VARCHAR2	Arch Add Line1
{FLPM3100_V.FL3100_ARCH_ADD_LINE2}	VARCHAR2	Arch Add Line2
{FLPM3100_V.FL3100_ARCH_ADD_LINE3}	VARCHAR2	Arch Add Line3
{FLPM3100_V.FL3100_ARCH_CONTACT_DESC}	VARCHAR2	Arch Contact Desc
{FLPM3100_V.FL3100_ARCH_CONTACT_TITLE}	VARCHAR2	Arch Contact Title
{FLPM3100_V.FL3100_ARCH_CONT_NAME}	VARCHAR2	Arch Cont Name
{FLPM3100_V.FL3100_ARCH_COUNTRY}	VARCHAR2	Arch Country
{FLPM3100_V.FL3100_ARCH_EMAIL}	VARCHAR2	Arch Email
{FLPM3100_V.FL3100_ARCH_FAX_NUM}	VARCHAR2	Arch Fax Num
{FLPM3100_V.FL3100_ARCH_MOBILE_NUM}	VARCHAR2	Arch Mobile Num
{FLPM3100_V.FL3100_ARCH_OTHER}	VARCHAR2	Arch Other
{FLPM3100_V.FL3100_ARCH_PAGER_NUM}	VARCHAR2	Arch Pager Num
{FLPM3100_V.FL3100_ARCH_PARTN_NAME}	VARCHAR2	Arch Partn Name
{FLPM3100_V.FL3100_ARCH_PHONE_NUM}	VARCHAR2	Arch Phone Num
{FLPM3100_V.FL3100_ARCH_POSTAL_CODE}	VARCHAR2	Arch Postal Code
{FLPM3100_V.FL3100_ARCH_REGION_CODE}	VARCHAR2	Arch Region Code
{FLPM3100_V.FL3100_ARCH_REGION_NAME}	VARCHAR2	Arch Region Name
{FLPM3100_V.FL3100_ARCH_ROLE_CODE}	VARCHAR2	Arch Role Code

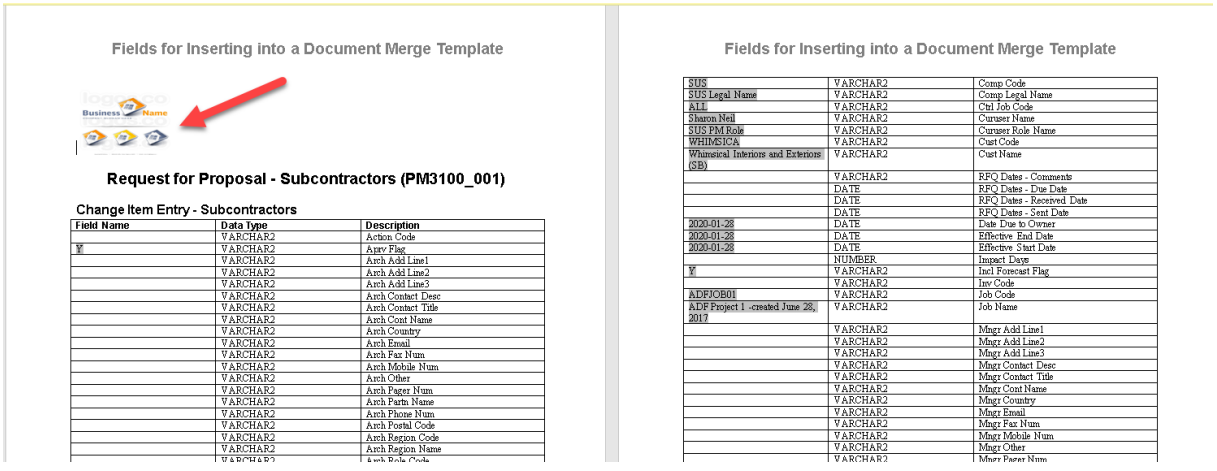
Fields for Inserting into a Document Merge Template

{FLPM3100_V.FL3100_CMMAST_ORASEQ}	NUMBER	Commast Oraseq
{FLPM3100_V.FL3100_CODE}	VARCHAR2	Code
{FLPM3100_V.FL3100_COMP_CODE}	VARCHAR2	Comp Code
{FLPM3100_V.FL3100_COMP_LEGAL_NAME}	VARCHAR2	Comp Legal Name
{FLPM3100_V.FL3100_CTRL_JOB_CODE}	VARCHAR2	Ctrl Job Code
{FLPM3100_V.FL3100_CURUSER_NAME}	VARCHAR2	Curuser Name
{FLPM3100_V.FL3100_CURUSER_ROLE_NAME}	VARCHAR2	Curuser Role Name
{FLPM3100_V.FL3100_CUST_CODE}	VARCHAR2	Cust Code
{FLPM3100_V.FL3100_CUST_NAME}	VARCHAR2	Cust Name
{FLPM3100_V.FL3100_DATE_RFQ_COMMENTS}	VARCHAR2	RFQ Dates - Comments
{FLPM3100_V.FL3100_DATE_RFQ_DUE_DATE}	DATE	RFQ Dates - Due Date
{FLPM3100_V.FL3100_DATE_RFQ_REC_DATE}	DATE	RFQ Dates - Received Date
{FLPM3100_V.FL3100_DATE_RFQ_SENT_DATE}	DATE	RFQ Dates - Sent Date
{FLPM3100_V.FL3100_DUE_TO_OWNER_DATE}	DATE	Date Due to Owner
{FLPM3100_V.FL3100_EFFECTIVE_END_DATE}	DATE	Effective End Date
{FLPM3100_V.FL3100_EFFECTIVE_START_DATE}	DATE	Effective Start Date
{FLPM3100_V.FL3100_IMPACT_DAYS}	NUMBER	Impact Days
{FLPM3100_V.FL3100_INCL_FORECAST_FLAG}	VARCHAR2	Incl Forecast Flag
{FLPM3100_V.FL3100_INV_CODE}	VARCHAR2	Inv Code
{FLPM3100_V.FL3100_JOB_CODE}	VARCHAR2	Job Code
{FLPM3100_V.FL3100_JOB_NAME}	VARCHAR2	Job Name
{FLPM3100_V.FL3100_MNGR_ADD_LINE1}	VARCHAR2	Mngr Add Line1
{FLPM3100_V.FL3100_MNGR_ADD_LINE2}	VARCHAR2	Mngr Add Line2
{FLPM3100_V.FL3100_MNGR_ADD_LINE3}	VARCHAR2	Mngr Add Line3
{FLPM3100_V.FL3100_MNGR_CONTACT_DESC}	VARCHAR2	Mngr Contact Desc
{FLPM3100_V.FL3100_MNGR_CONTACT_TITLE}	VARCHAR2	Mngr Contact Title
{FLPM3100_V.FL3100_MNGR_CONT_NAME}	VARCHAR2	Mngr Cont Name
{FLPM3100_V.FL3100_MNGR_COUNTRY}	VARCHAR2	Mngr Country
{FLPM3100_V.FL3100_MNGR_EMAIL}	VARCHAR2	Mngr Email
{FLPM3100_V.FL3100_MNGR_FAX_NUM}	VARCHAR2	Mngr Fax Num
{FLPM3100_V.FL3100_MNGR_MOBILE_NUM}	VARCHAR2	Mngr Mobile Num
{FLPM3100_V.FL3100_MNGR_OTHER}	VARCHAR2	Mngr Other

Log Maintenance screen with Company Logo to use:



When a MIP document is printed using the template above, the logo in the maintenance screen is used:



Fields for Inserting into a Document Merge Template

Request for Proposal - Subcontractors (PM3100_001)

Change Item Entry - Subcontractors

Field Name	Data Type	Description
	VARCHAR2	Action Code
Y	VARCHAR2	Aprv Flag
	VARCHAR2	Arch Add Line1
	VARCHAR2	Arch Add Line2
	VARCHAR2	Arch Add Line3
	VARCHAR2	Arch Contact Desc
	VARCHAR2	Arch Contact Title
	VARCHAR2	Arch Cont Name
	VARCHAR2	Arch Country
	VARCHAR2	Arch Email
	VARCHAR2	Arch Fax Num
	VARCHAR2	Arch Mobile Num
	VARCHAR2	Arch Other
	VARCHAR2	Arch Pager Num
	VARCHAR2	Arch Partn Name
	VARCHAR2	Arch Phone Num
	VARCHAR2	Arch Postal Code
	VARCHAR2	Arch Region Code
	VARCHAR2	Arch Region Name
	VARCHAR2	Arch Role Code

Fields for Inserting into a Document Merge Template

SUS	VARCHAR2	Comp Code
SUS Legal Name	VARCHAR2	Comp Legal Name
ALL	VARCHAR2	Ctrl Job Code
Sharon Neil	VARCHAR2	Curuser Name
SUS PM Role	VARCHAR2	Curuser Role Name
WHIMSICA	VARCHAR2	Cust Code
Whimsical Interiors and Exteriors (SB)	VARCHAR2	Cust Name
	VARCHAR2	RFQ Dates - Comments
	DATE	RFQ Dates - Due Date
	DATE	RFQ Dates - Received Date
	DATE	RFQ Dates - Sent Date
2020-01-28	DATE	Date Due to Owner
2020-01-28	DATE	Effective End Date
2020-01-28	DATE	Effective Start Date
	NUMBER	Impact Days
Y	VARCHAR2	Incl Forecast Flag
	VARCHAR2	Inv Code
ADFJOB01	VARCHAR2	Job Code
ADF Project 1 -created June 28, 2017	VARCHAR2	Job Name
	VARCHAR2	Mngr Add Line1
	VARCHAR2	Mngr Add Line2
	VARCHAR2	Mngr Add Line3
	VARCHAR2	Mngr Contact Desc
	VARCHAR2	Mngr Contact Title
	VARCHAR2	Mngr Cont Name
	VARCHAR2	Mngr Country
	VARCHAR2	Mngr Email
	VARCHAR2	Mngr Fax Num
	VARCHAR2	Mngr Mobile Num
	VARCHAR2	Mngr Other

Mobile

MCT

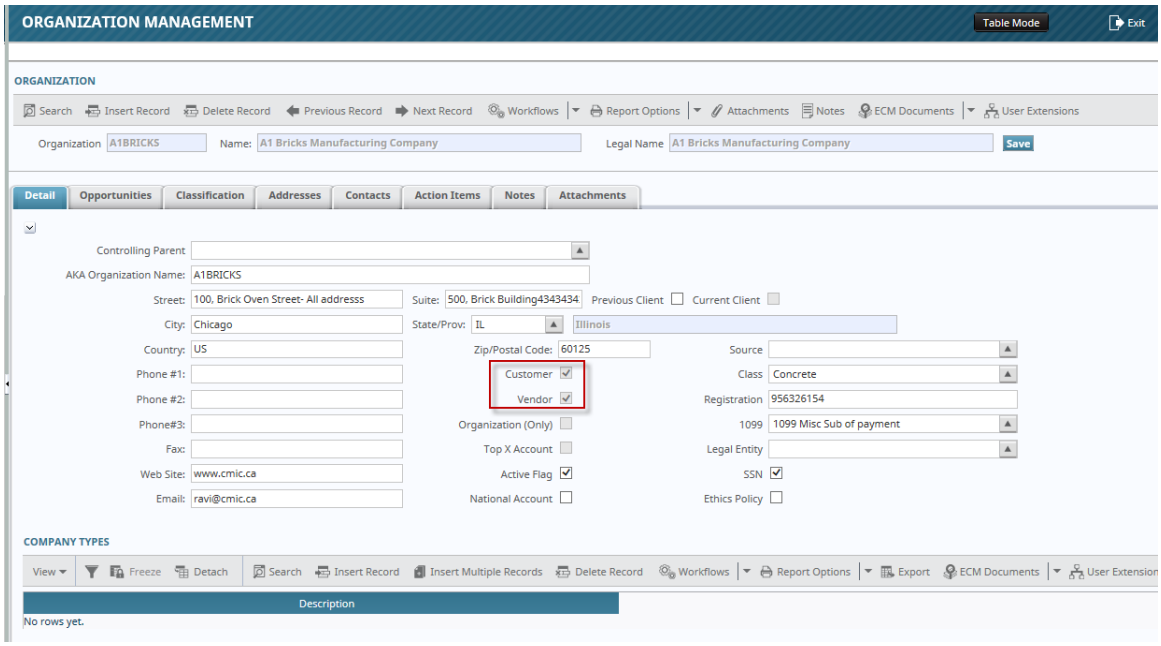
The mobile web service build **B44** is included in this patch set. This build contains web services needed for future releases of our mobile applications. Please see the change log below:

FIXED	Web-service optimized to significantly increased performance of the application (saving, submitting, data retrieving, etc. operations)
FIXED	Web-service to avoid unnecessary 0 hours in each cell in timesheets
ENHANCED	Web-Service to handle timesheets properly when being modified using multiple sources (synchronization issue)
FIXED	Web-service to modified to allow creating activities with the same name
FIXED	MCT shift is now fully supported
FIXED	MCT timesheet shift is now defaulted based on system settings
NEW	Web-service to improve error handing mechanism. Added button "Share logs" for unhandled exceptions and sent email to centralized email address monitor by development and support.
ENHANCED	login errors now show proper error messages
ENHANCED	Cost code" and "Category" activity fields are now mandatory and it's not possible to save timesheet when they are empty. It’s possible, however, to have them stored locally with no values.
FIXED	Web-service to support available hour types for each crew member based on access administration and setup
FIXED	each crew member now has proper other hours' values

Opportunity Management

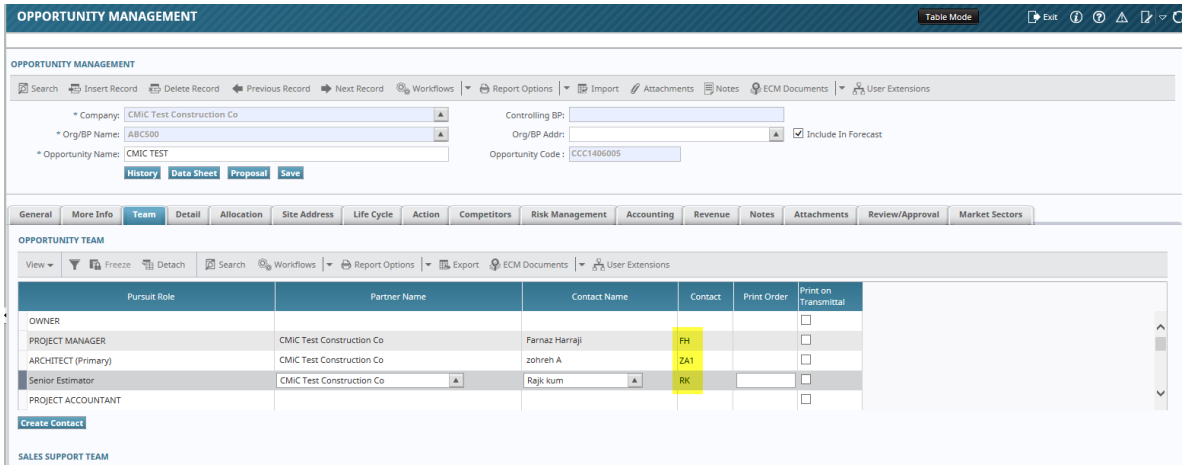
Customer/Vendor Indicators in Organization program (15.11857)

The Organization program is modified with display only checkboxes to indicate whether the business partner is already a customer/vendor in one or more companies.

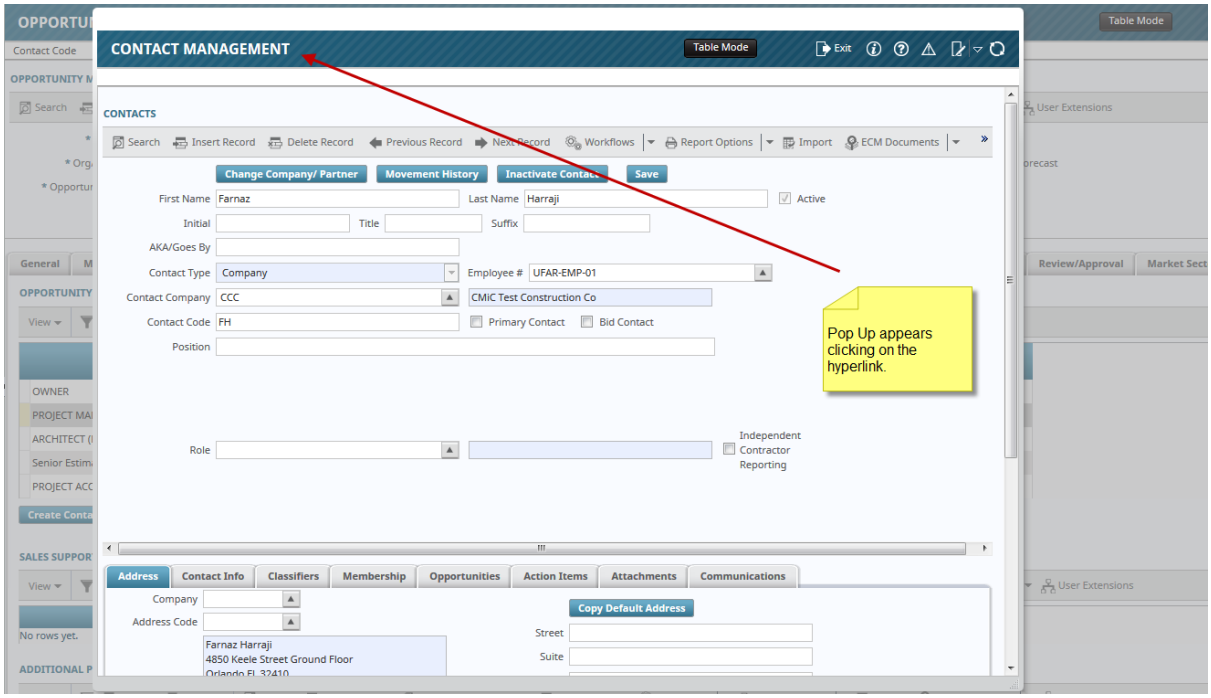


OM JSP Contact Hyperlink in ADF (15.10771)

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.



BP Address Code Security based on Remit-To Flag (15.11856)

Overview:

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.

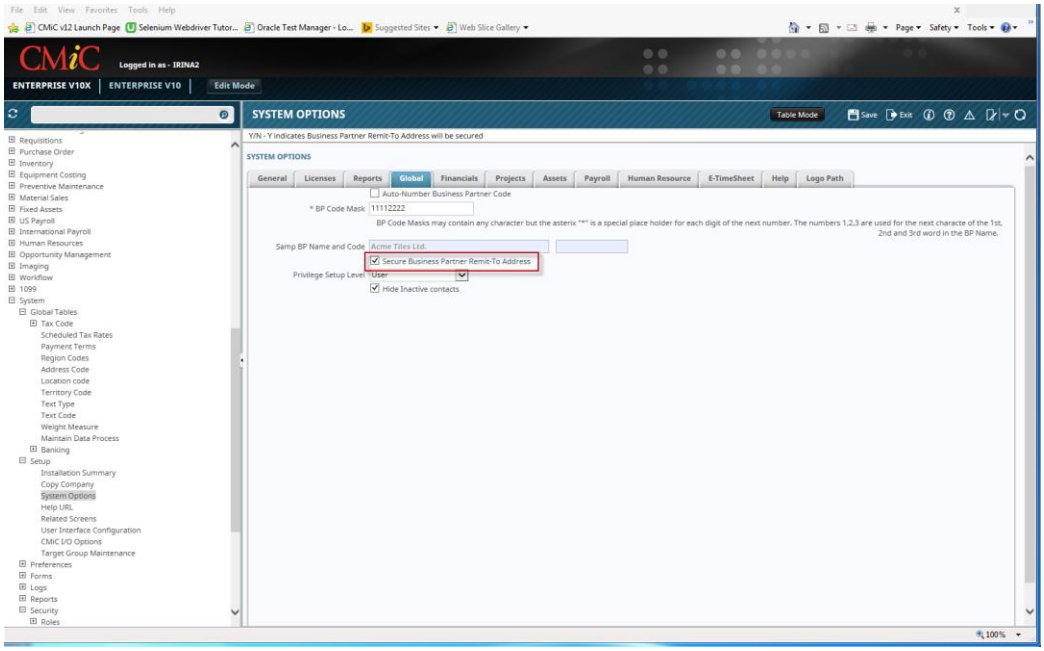
Also the users without this privilege can create new business partner alternate addresses (where they did not exist). In this case the flag Remit-To (either checked or unchecked during the address creation) will become protected (disabled) immediately upon saving the record.

This new business logic affects Maintain Business Partner, Maintain Vendor, Maintain Customer, and Organization ADF programs.

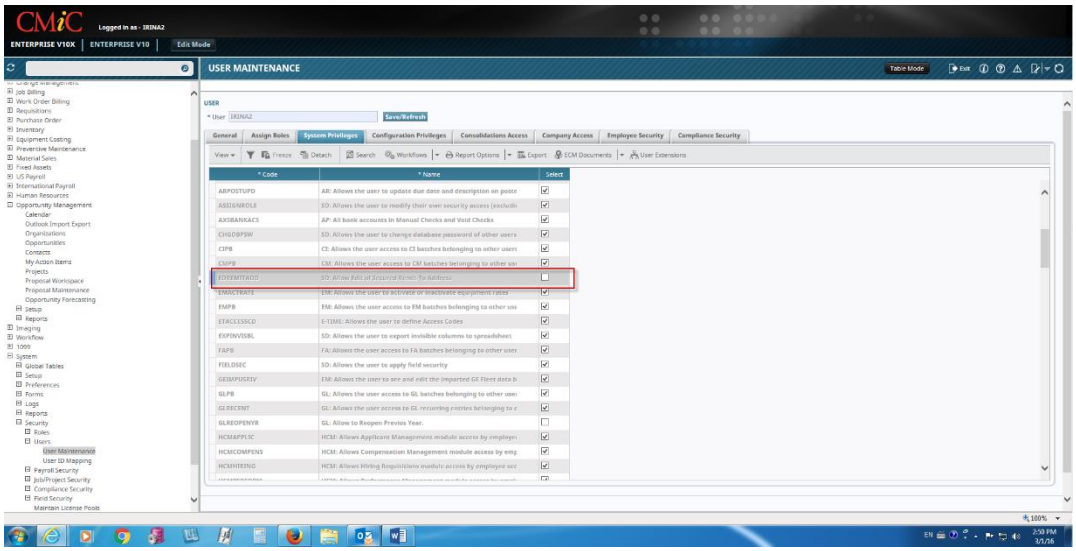
Settings and Examples:

To check on/off the system option flag “Secure Remit-To Address” go to:

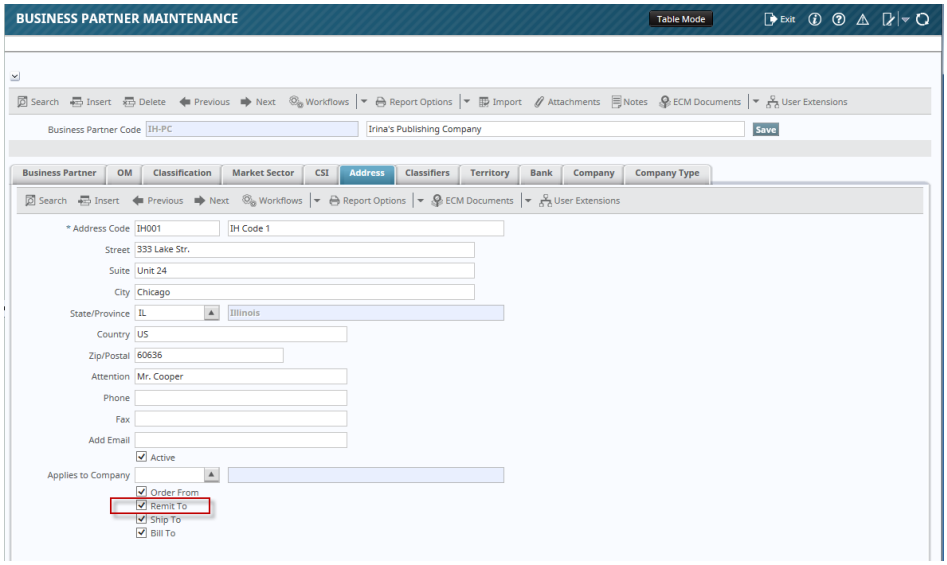
System -> Setup -> System Options -> Global tab:



1. 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:



2. The Remit-To flag locates on Address Tab of the Business Partner Maintenance screen:



3. The business partner alternate address screen could be accessed via different programs:

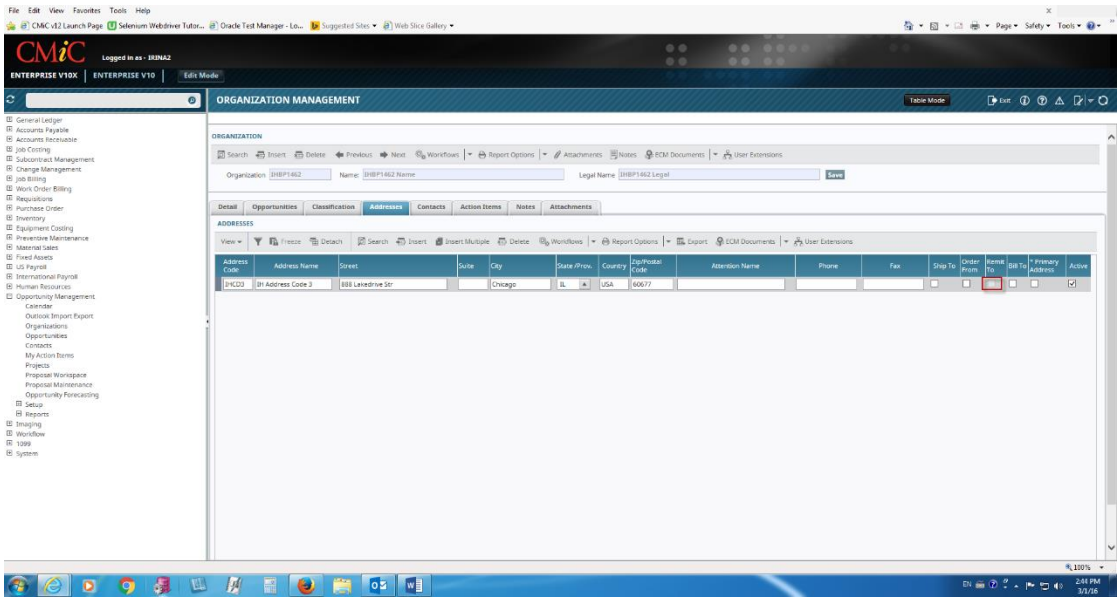
   a/ Account Payable -> Setup -> Maintain Business Partners program -> Click Edit Icon next to the Business Partner Code -> Address tab

   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.

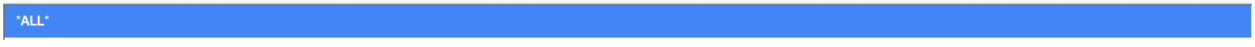
Opportunity Revenue Tab – Closing Revenue and Send To Spreadsheet (17.34710)

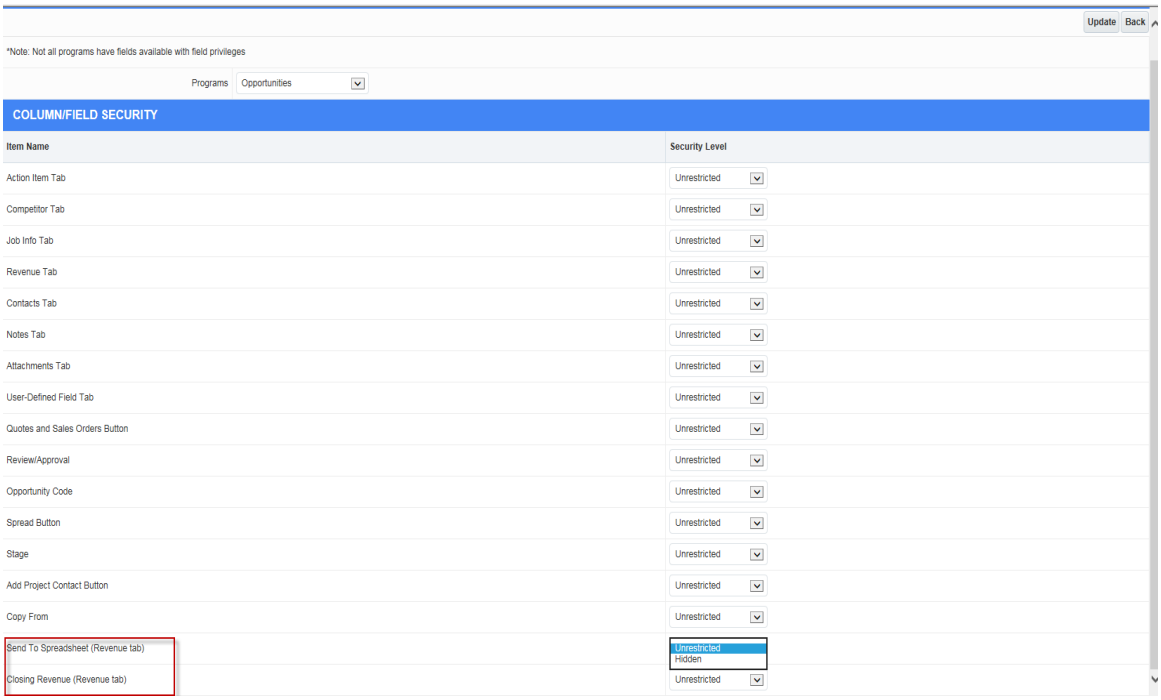
NOTE: OM JSP has been deprecated.

Added a **Closing Revenue** column and the **[Send to Spreadsheet]** button to the Revenue tab of the OM Opportunity screen in PM JSP.

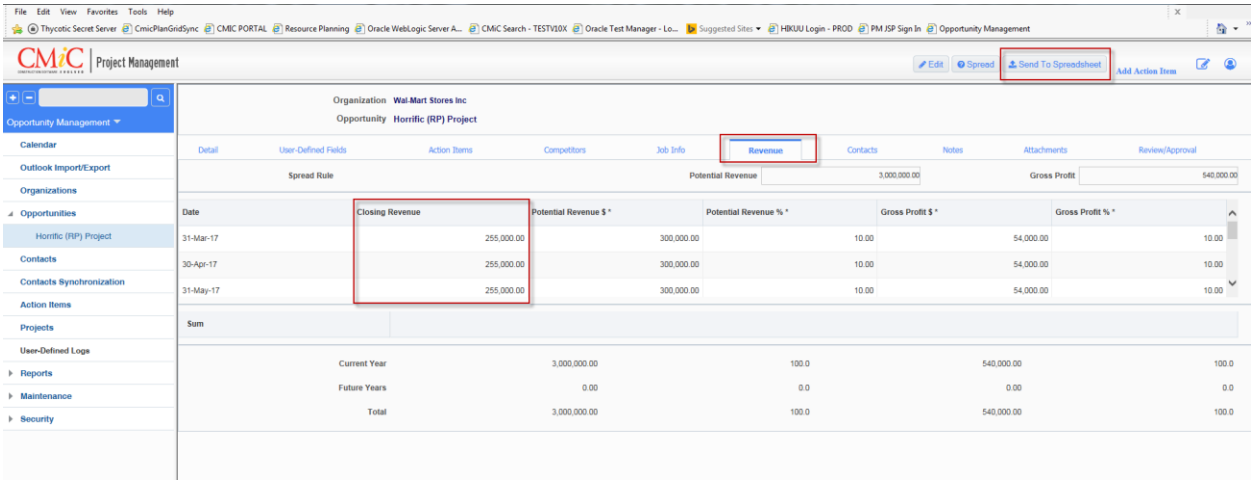
The prompt for Closing Revenue can be changed to a more suitable name if desired, using Prompt Maintenance.

Field security is available to be set for the two new objects. The default setting is ‘Hidden on the *__ALL__* role:



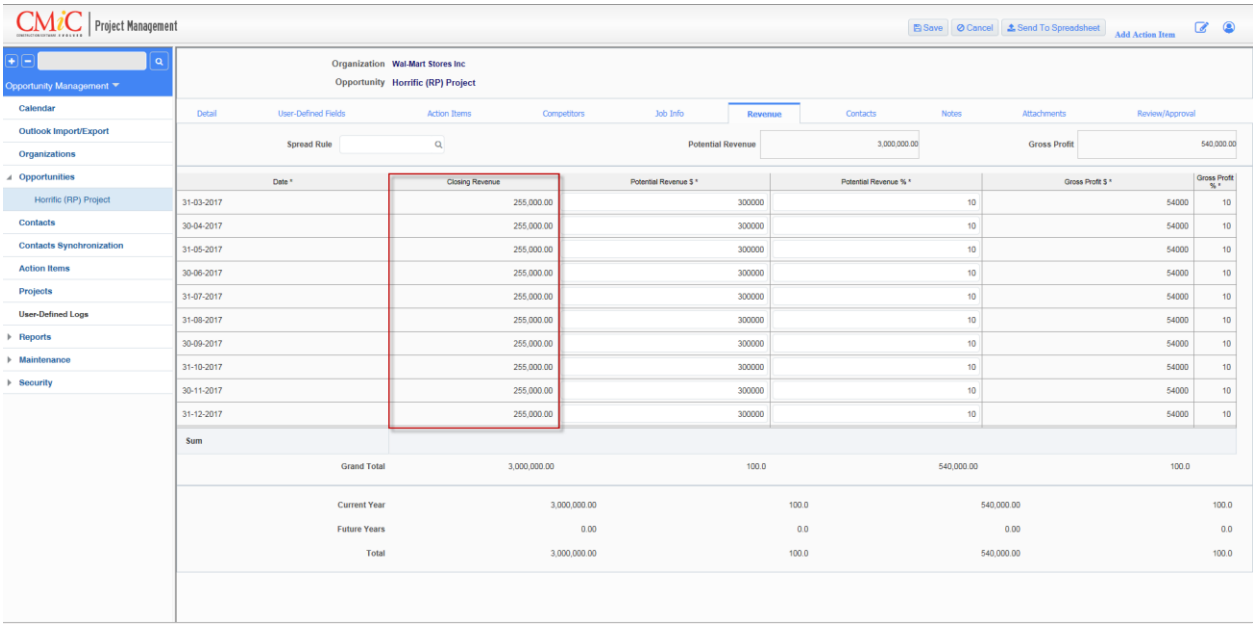


When the field security is set to '**Unrestricted**', the objects can be seen on the Revenue Tab of the Opportunity screen:

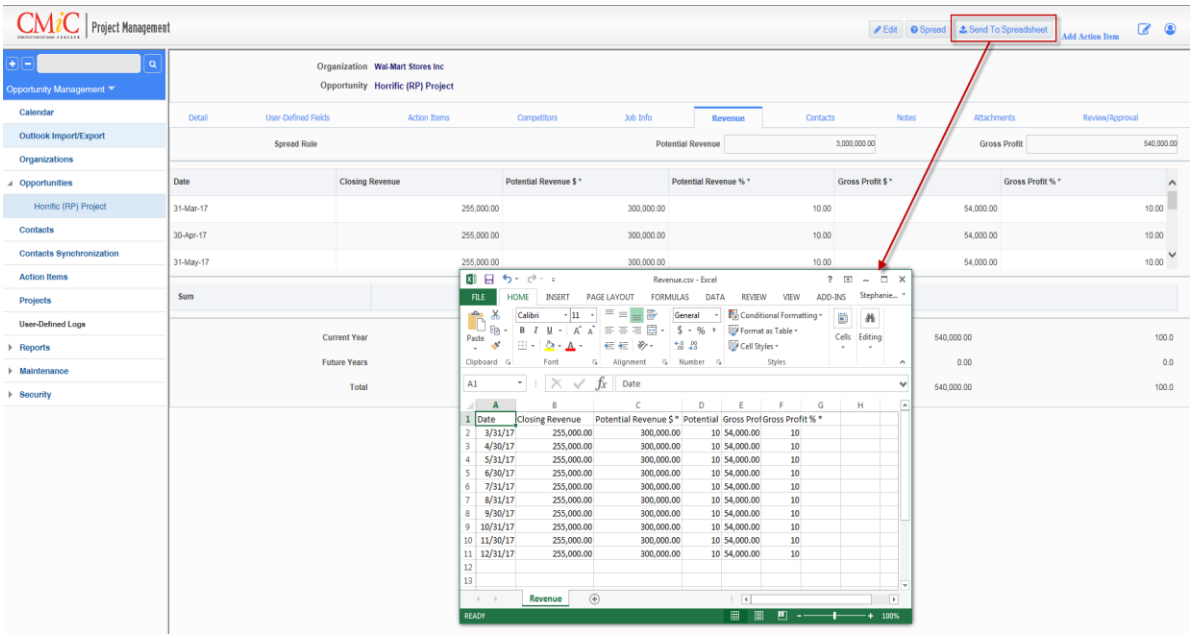


The **Closing Revenue** is calculated:

Potential Revenue X % chance of closing, and is spread over the number of months:

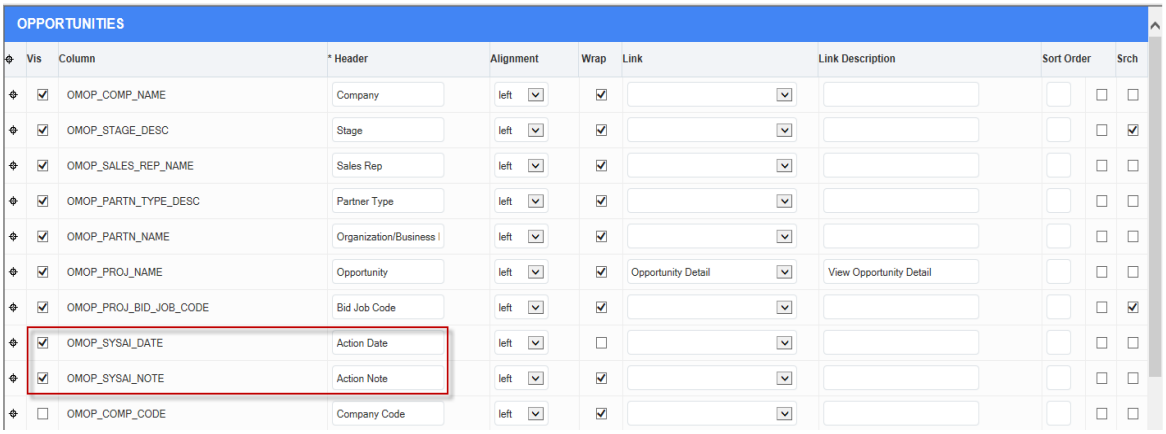


The **[Send to Spreadsheet]** button will generate a spreadsheet of the data:



Opportunities Log – Action Item Date and Note columns added (17.34445)

NOTE: OM JSP has been deprecated.



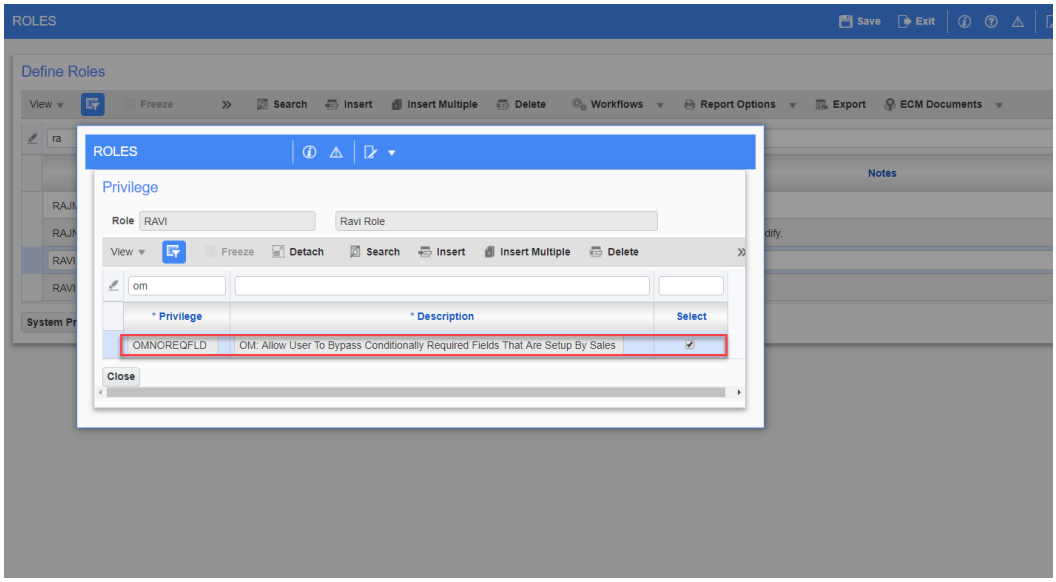
Added two columns to the opportunities log in OMJSP based on the most recent action item that is listed on the opportunity under the Action Items tab.

a) One column is the **Date** field from the action item.

b) The other column pulls data from the **Note** attached to the action item.

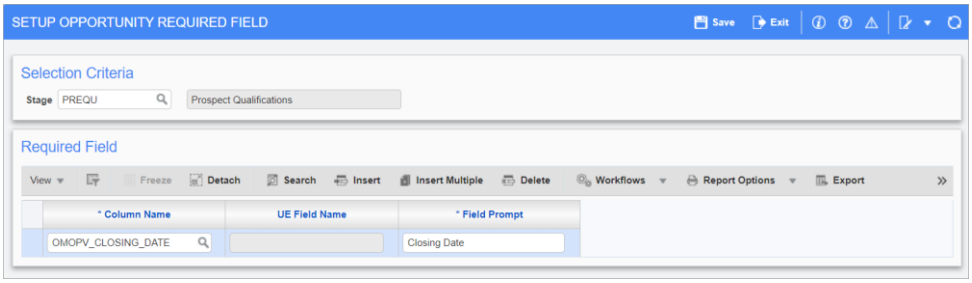
Addition to Conditional Required Fields Based on Sales Stage (19.85683)

Added a new system privilege "OM: Allows user to bypass conditionally required fields that are setup by sales stage".

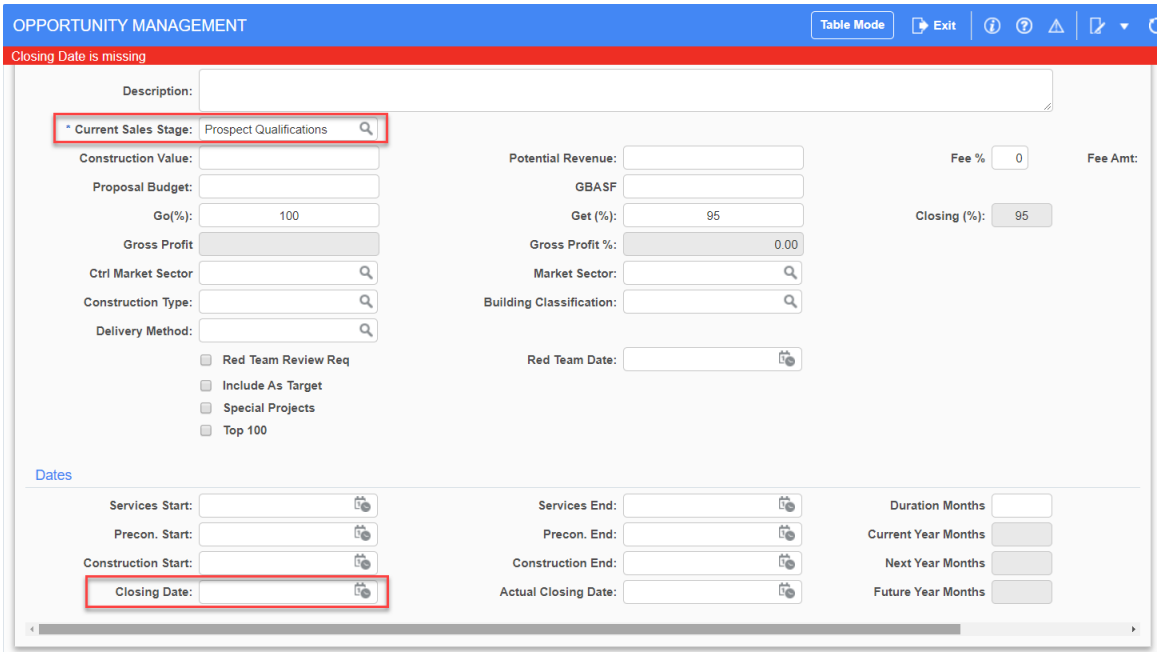


Modify database routine which checks for conditionally required fields by sales stage, to determine if the validation should be triggered based on the new user privilege.

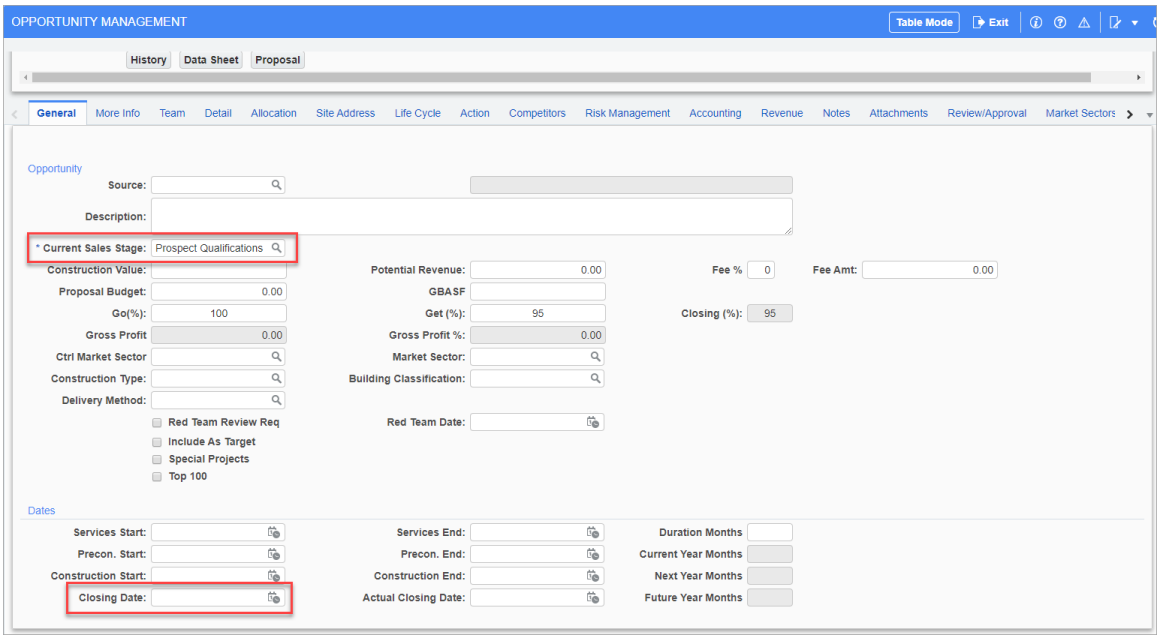
Setup opportunity required fields as follows:



If the privilege flag is off, system will check for required fields.



If the privilege flag is on, system will bypass the conditionally required fields. Validation will not be triggered.



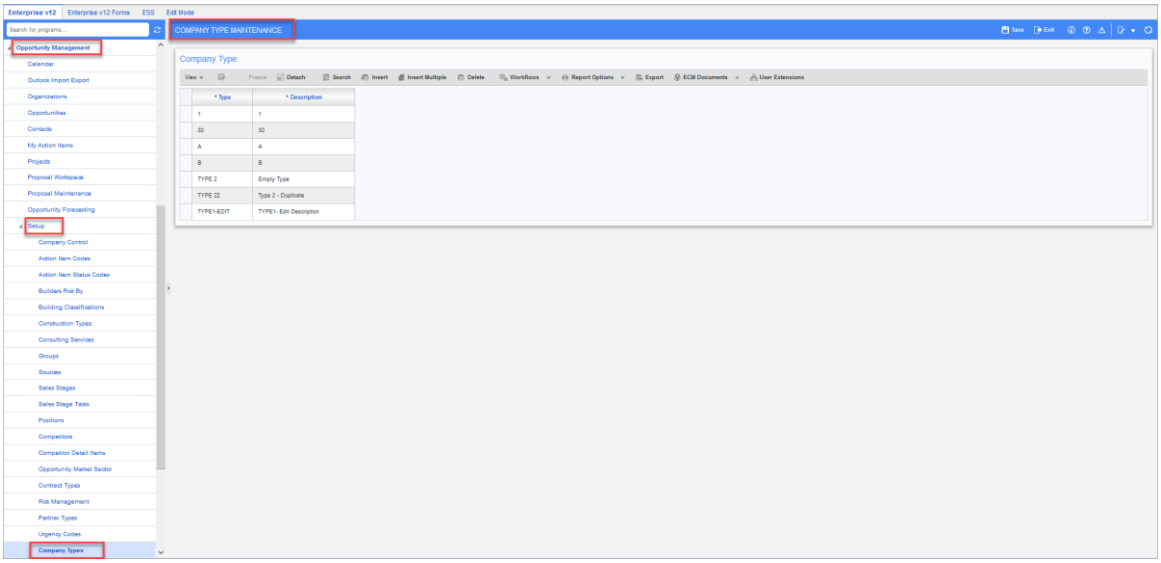
Conversion of Company Types Program from FORMS to ADF
(20.29860)

Overview

Converted Company Types program to ADF.

Modifications

Company Type menu added to Customer Relationship Management > Opportunity Management > Setup > Company Types.



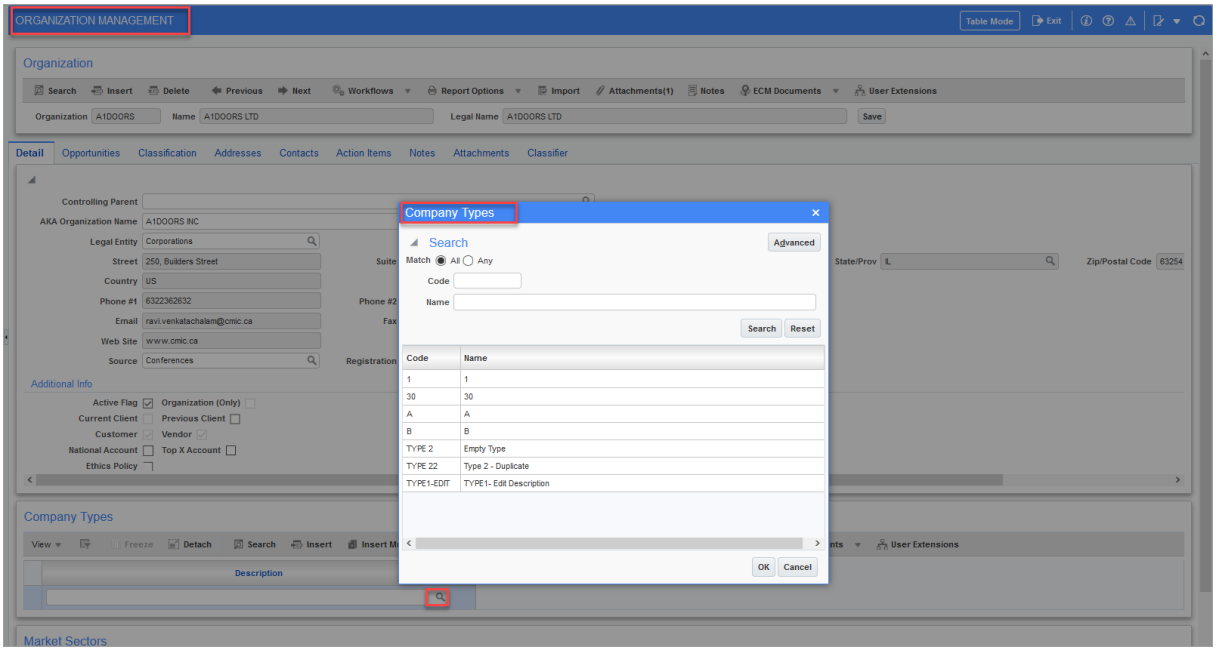
Customer Relationship Management > Opportunity Management > Setup > Company Types

Implementation

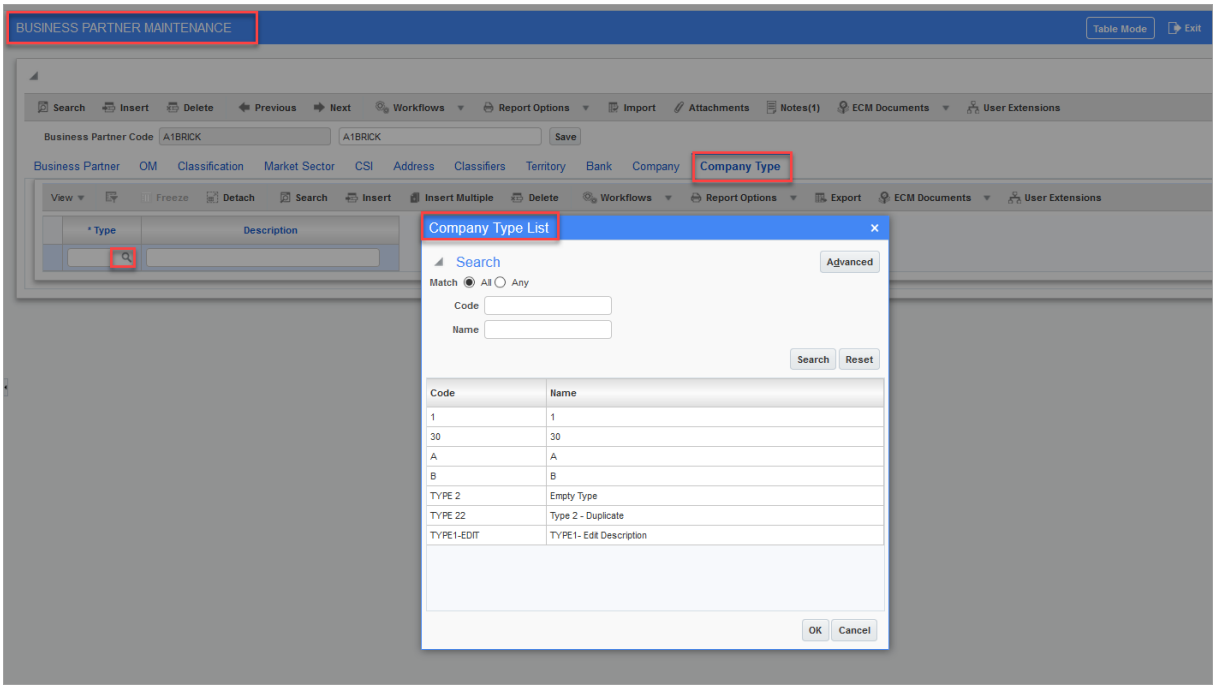
Company Types LOV is available for user in the following programs:

1) Organization Management

2) Business Partner Maintenance



Customer Relationship Management > Opportunity Management > Organizations



Financial > Accounts Payable > Setup > Maintain Business Partner – Company Type tab

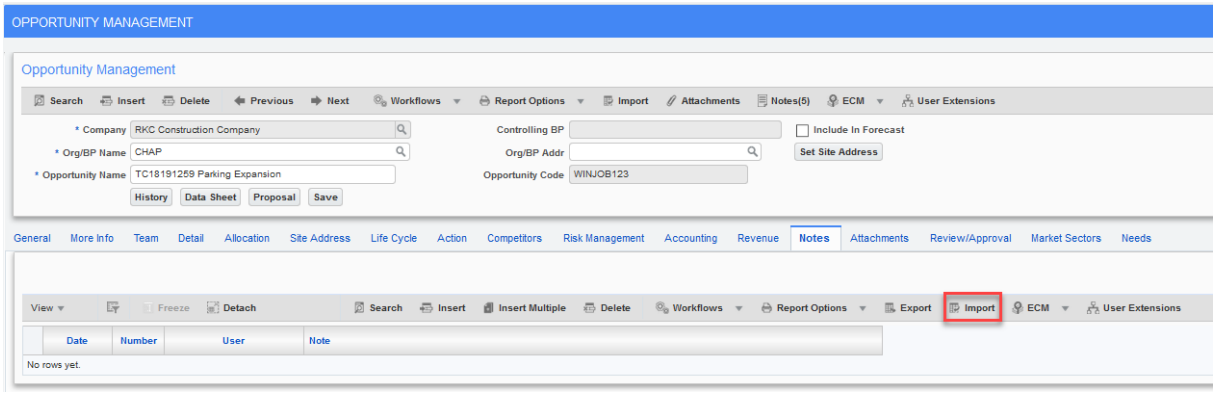
Added Ability to Import Notes (21.40230)

Overview

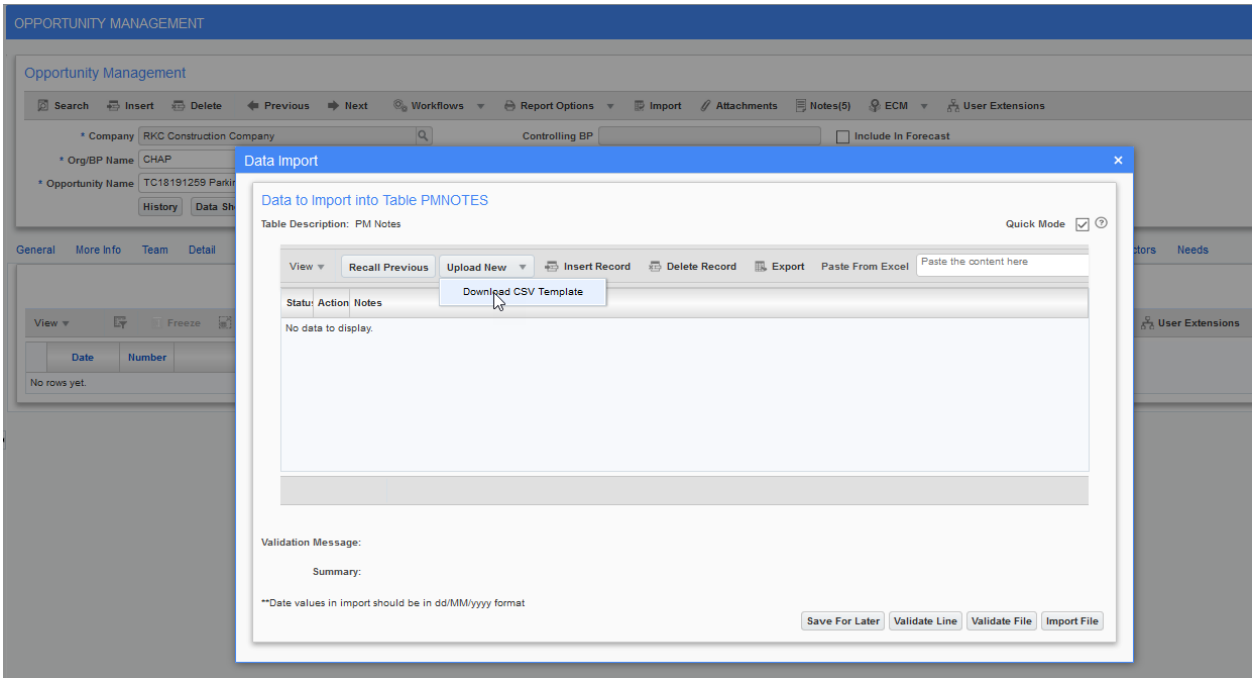
Added Import button to import notes in Opportunities.

Modifications

Added ‘Import’ button under ‘Notes’ tab in Opportunities.

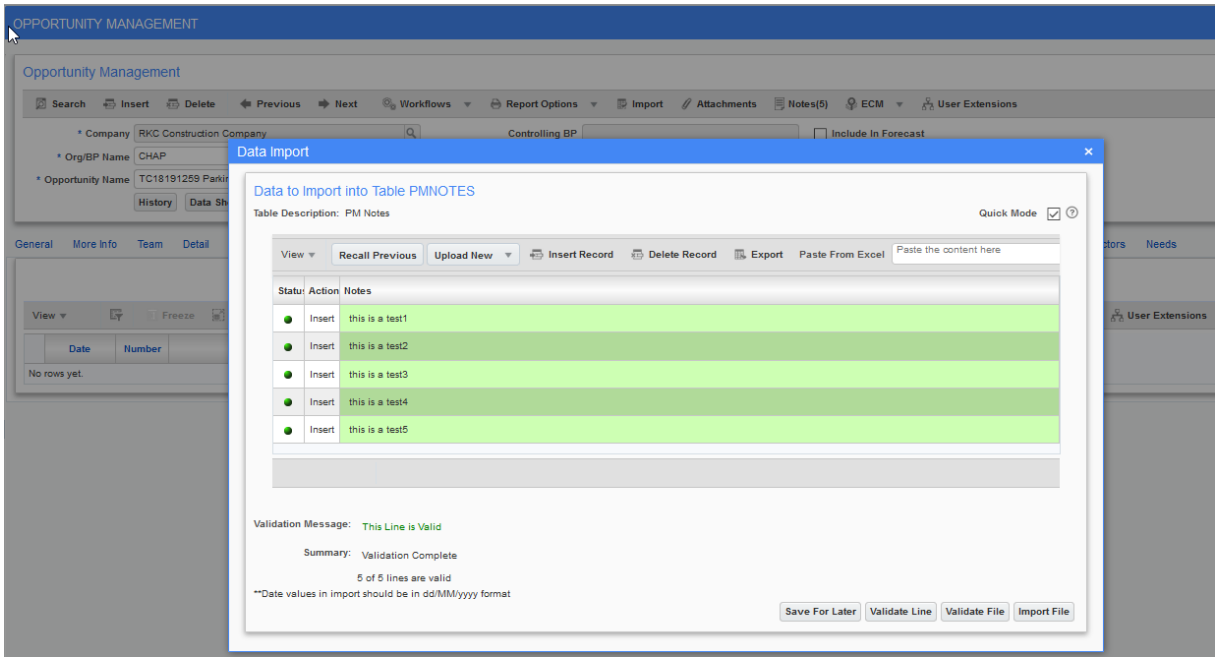


Customer Relationship Management> Opportunity Management> Opportunities Implementation



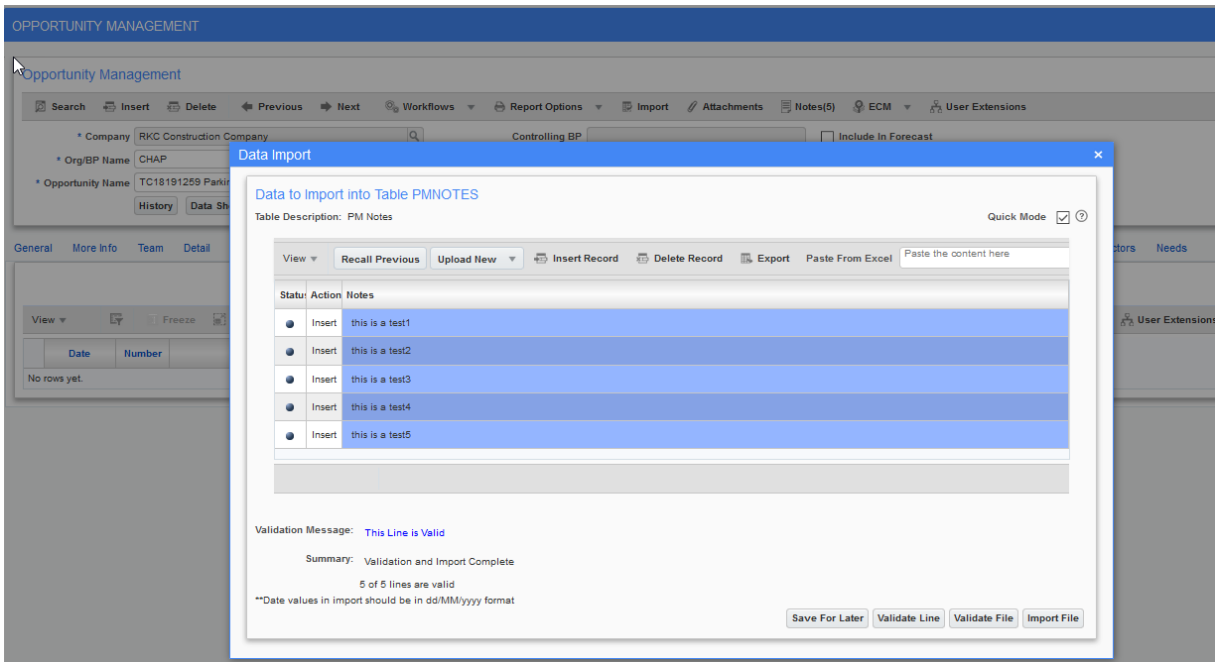
Customer Relationship Management> Opportunity Management> Opportunities

Download the CSV template and input and save you input your Notes in it. Upload the saved notes and click on ‘Validate File’ button.

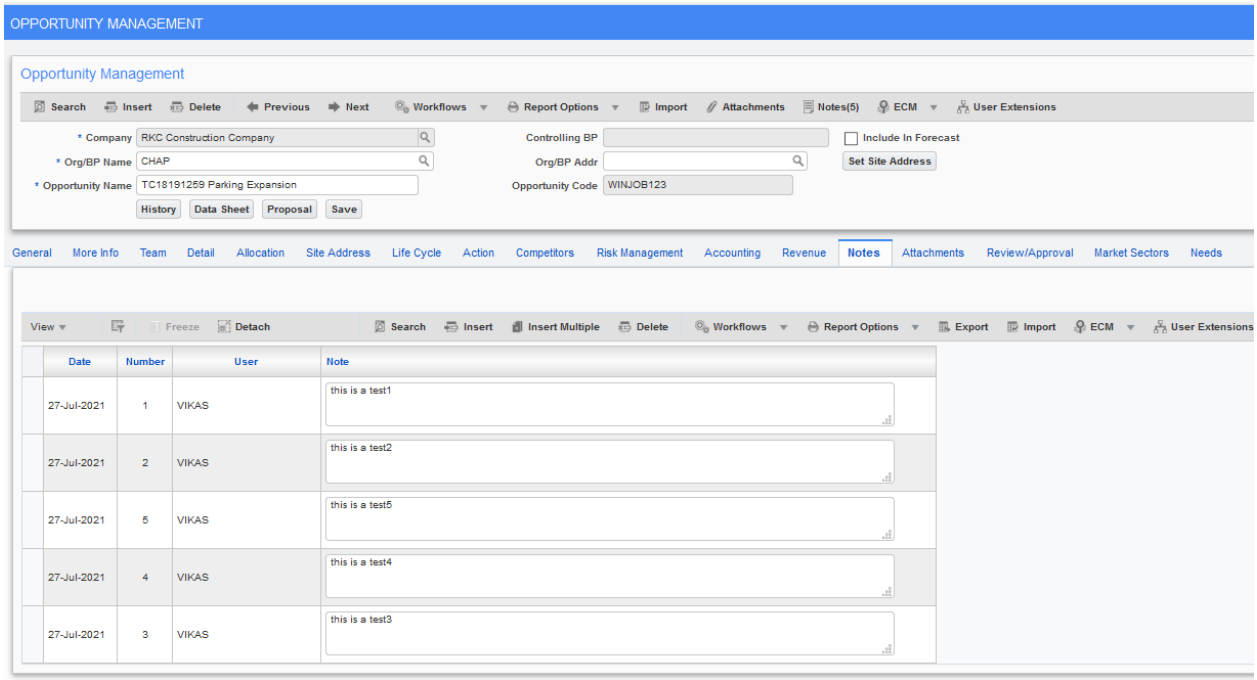


Customer Relationship Management> Opportunity Management> Opportunities

Once notes are validated, click on ‘Import File’ button to import notes.



Customer Relationship Management> Opportunity Management> Opportunities



Customer Relationship Management> Opportunity Management> Opportunities

Payroll

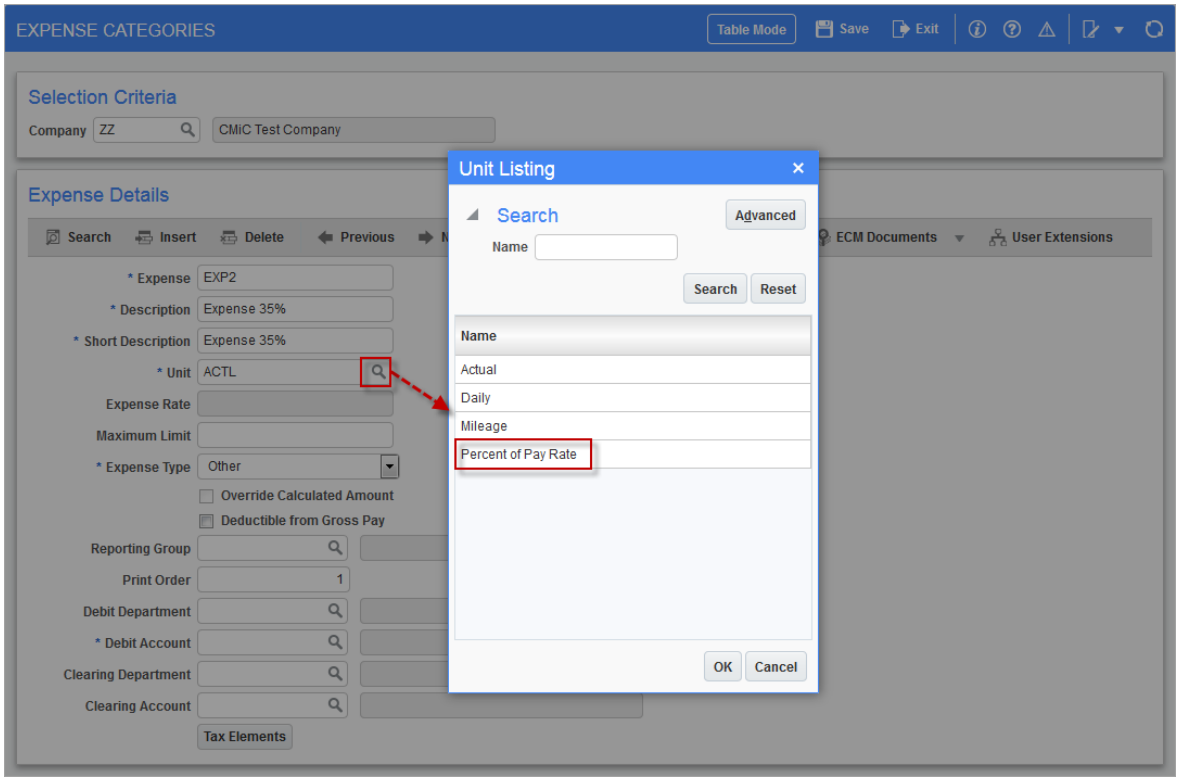
Modifications to Expense Functionality (15.10038)

CMiC expanded the expense functionality to allow users to setup expense codes with a calculation method based on a percentage of base rate. The master setup was changed to add a new drop down for Expense Type called "Percent of Base Pay Rate". Upon selection of the type, the system will allow users to setup a percentage of the expense. All current timesheets programs have functionality to retrieve the rates based on employee preference. The same functionality will be utilized to retrieve the rate in order to calculate the percentage of expense base on employee pay rate. Applicable timesheet programs will display the calculated rate based on employee pay rate and percentage setup on expense category screen for the specified expense code on the timesheet. The user MUST enter the quantity in order to calculate the amount for the expense.

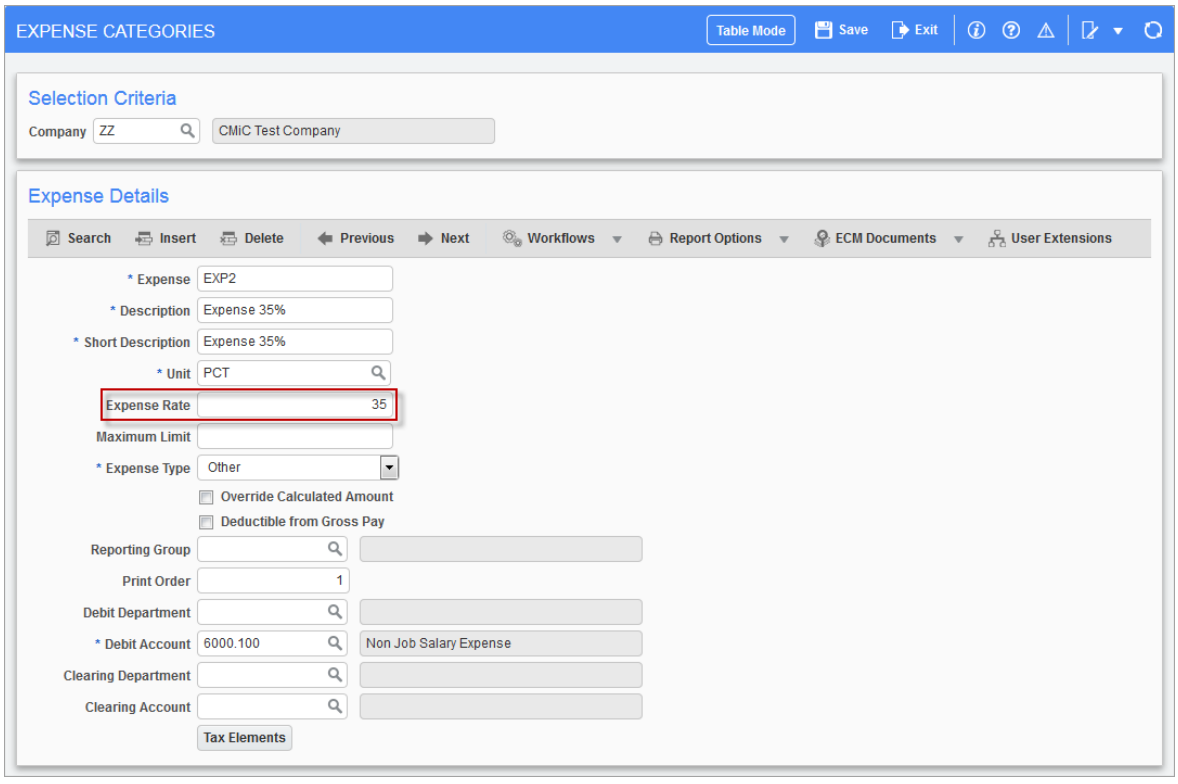
All timesheets including regular and mechanics timesheets are modified to allow users to enter expense code along with the described functionality above. The expense claim entry screen will also be modified to allow users to enter the new expense category.

Base Rate: The base pay rate is the employee pay rate setup in CMiC payroll. The pay rate can be setup by employee, Job, Union or trade. The profile allows users to set the preference hierarchy for pay rate in order to get the pay rate when entering timesheets.

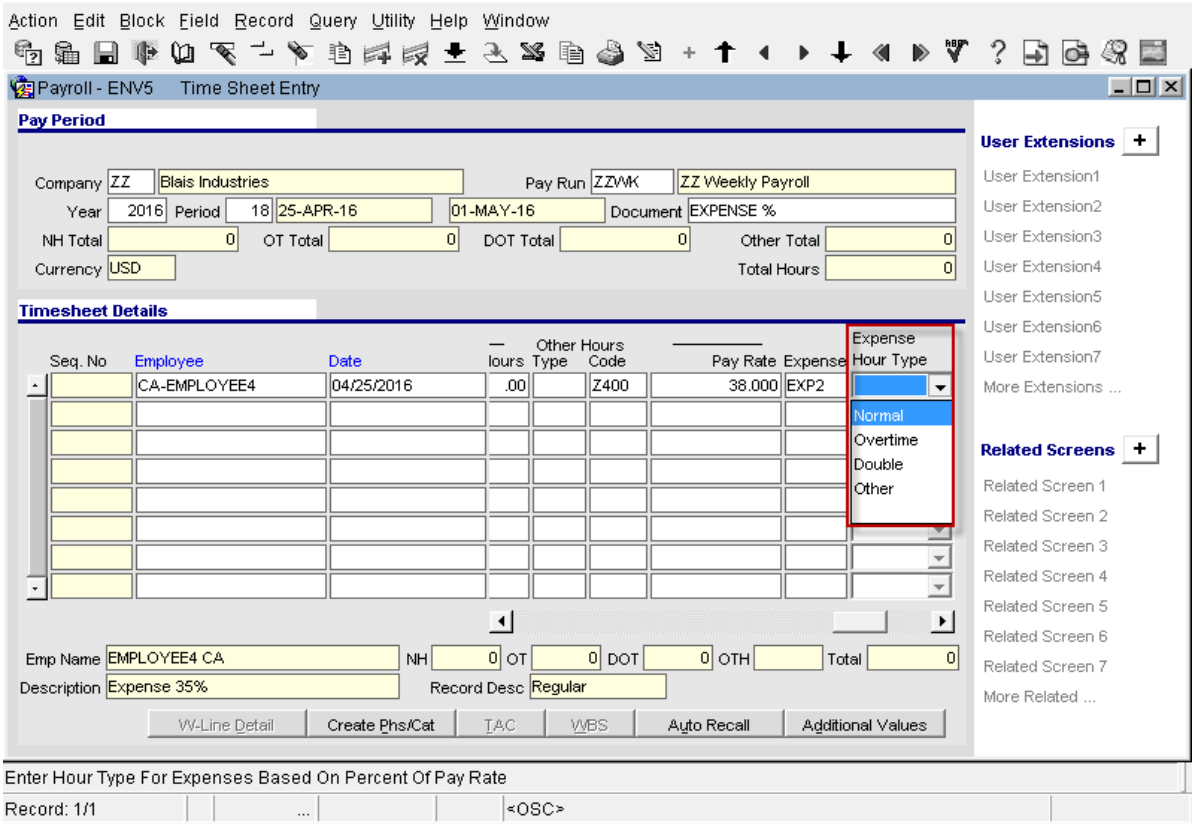
1. On the Expense Maintenance screen added a selection for “Percent of Base Pay Rate” to the “Unit” field.



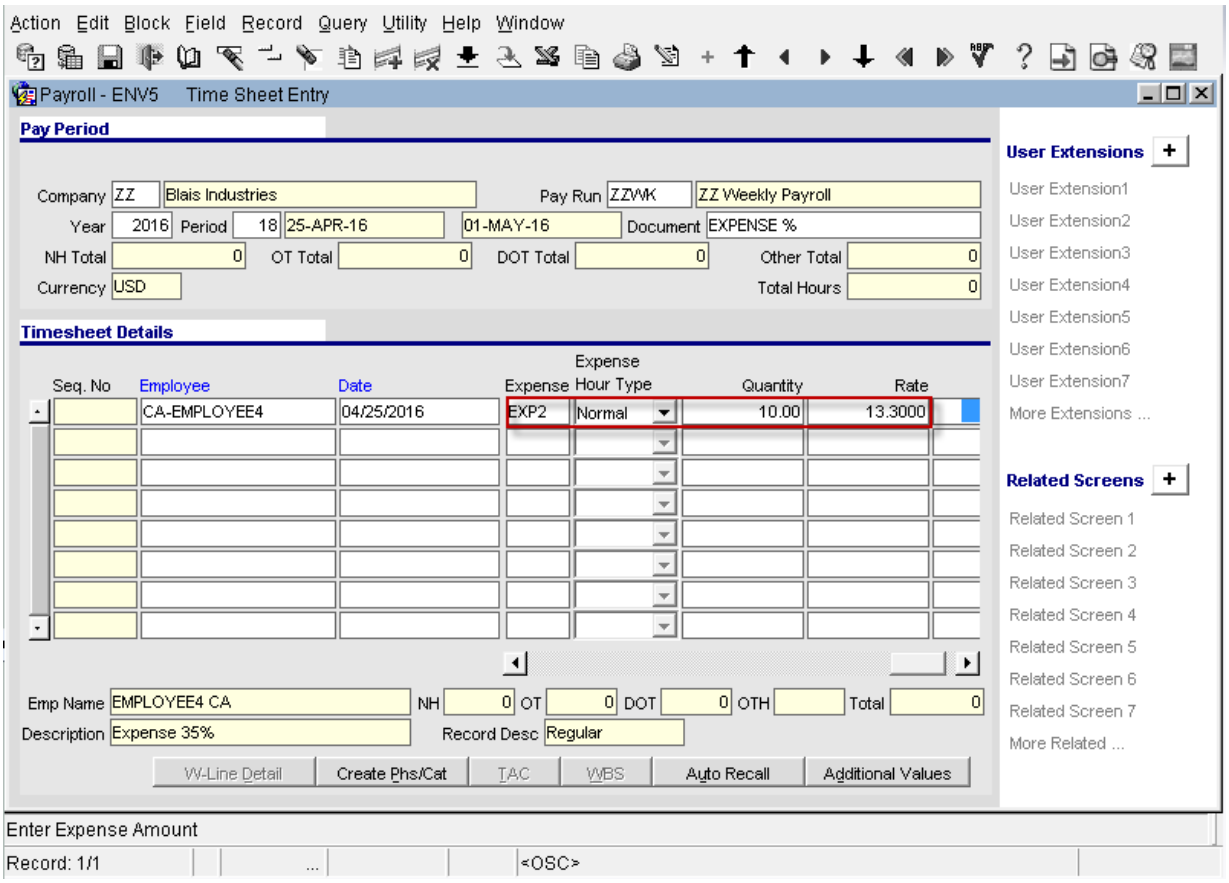
2. Existing "Expense Rate" field will be used to enter the "Percentage". Entering 35 means 35% of base pay rate. The "Expense Rate" field is on the expense maintenance screen when Unit is "Percent of Base Pay Rate".



3. There is a new field was added to Regular Timesheet Entry “Expense Hour Type” with a 4 options in drop down menu: Normal, Overtime, Double, Other.



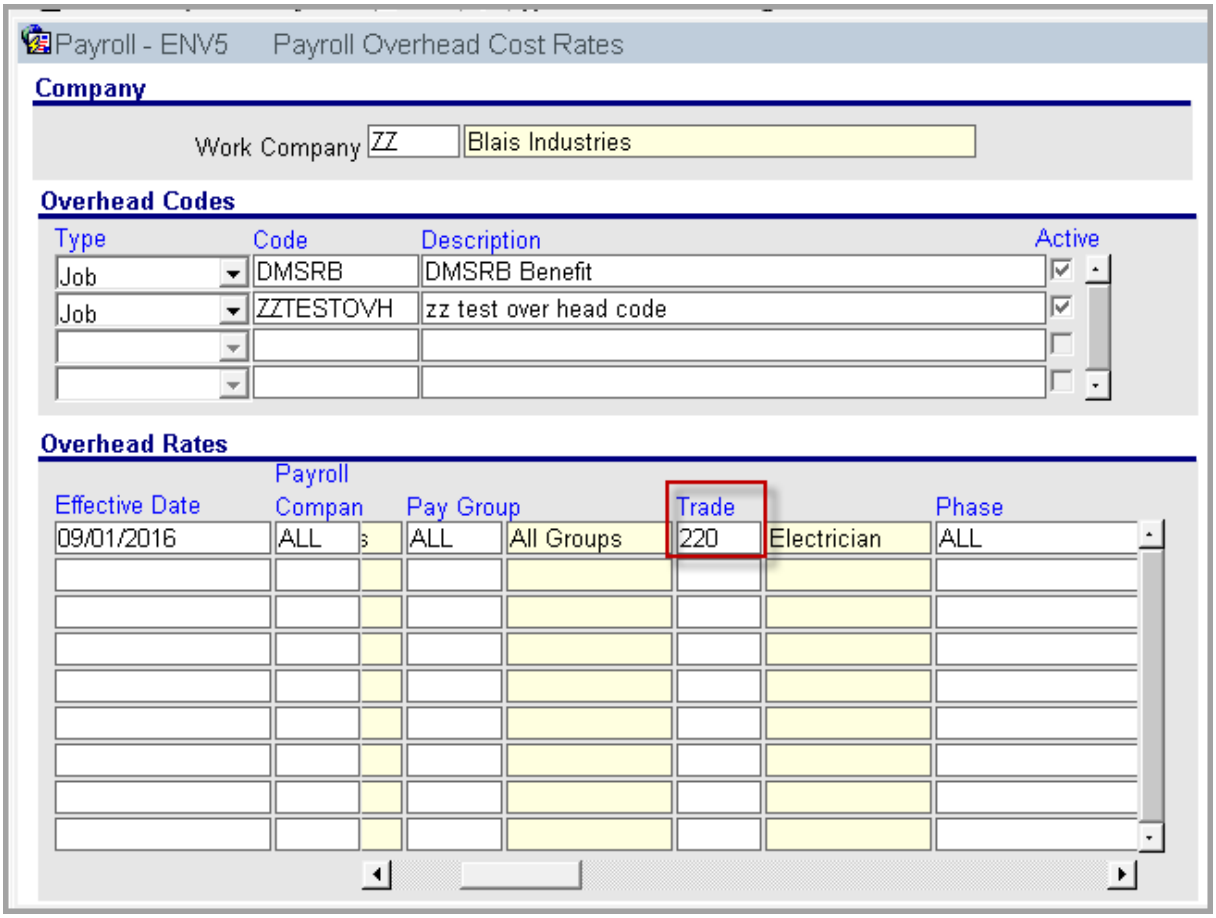
4. When a "Percent of Base Pay Rate" Expense is entered, the program calculates the default expense "Rate" by taking the expense master "percentage" value and multiply by timesheet normal pay rate (exp.pct x payrate/100). This calculated expense "Rate" id displayed on the timesheet screen and cannot be overridden by the user. Total expense amount will be calculated as usual by taking (expense quantity X expense rate) rounded to 4 decimal places.



In the above example, the program calculated the Expense rate by taking 35% from Regular pay rate: Regular Pay Rate $38 * 35% = $ 13.30. User needs to enter the quantity and the program will calculate the Expense Amount automatically.

Addition of 'Trade' field to PY Overhead Cost Rates Form (16.18438)

Addition of 'Trade' Column/Field: CMiC has modified and added a '**Trade Code**' option to PY Overhead Rate Setup under PY> Setup> Jobs-Overhead Code> Overhead Rates Screen. The TRADE field/column is added after the Pay Group column and field. The new TRADE column/field will allow users to setup overhead rates by Trade. The default value for the TRADE would be 'ALL'. The overhead calculation program is modified to consider this new field and option. If an overhead rate is setup by specifying the 'Trade', then the Trade Code would take precedence, otherwise system will use the 'ALL' value.



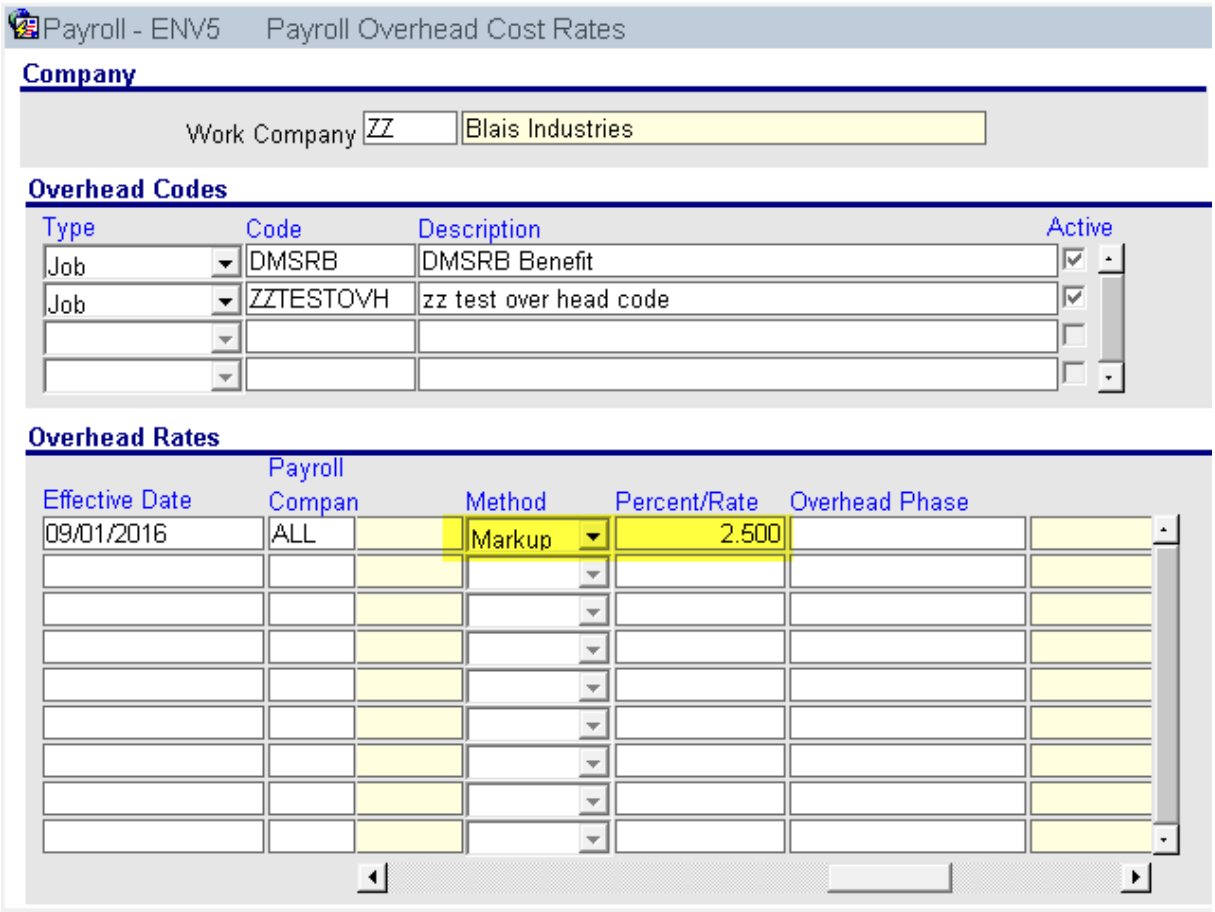
Pgm: PYOVHEAD – Payroll Overhead Cost Rates

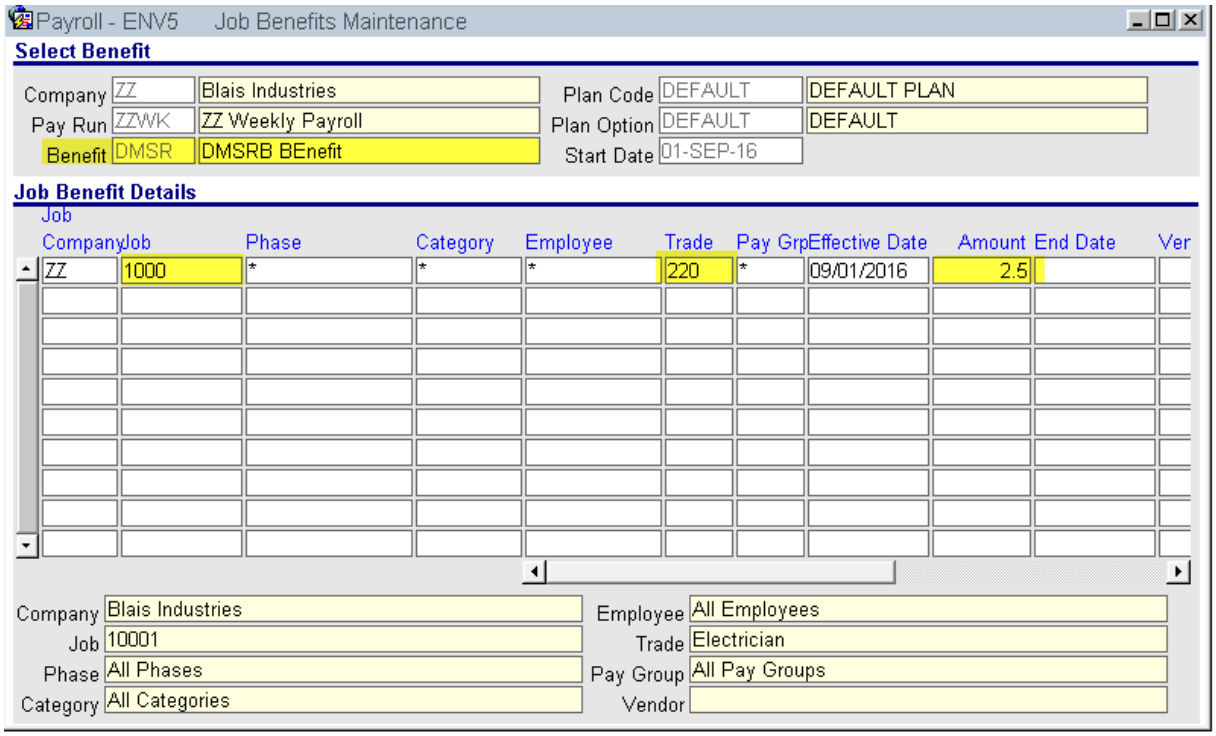
The Payroll Overhead Cost Rates form is for creating and maintaining Overhead Codes for application of overheads to Jobs and Departments. These overheads can be either Rate or Amount based, and may be general, or very specific in their determination of amounts to be charged to a job or a department. Multiple Overhead Codes may also be assigned to any job through the Assign Overhead Rates to Job form.

NOTE: Overheads will only be applied at the Timesheet Posting, and only when the flag for 'Calculate Overhead' is checked on the Timesheet Posting form.

NOTE: Final Posting will calculate Overhead Markup (%) on benefit Tran Types (transaction lines), provided the benefit has the 'Calculate Overhead' flag checked and is Job Allocated to that Job/Phase/Category.

Use Case Scenario: Entered timesheet for an hourly employee Trade Code 220 with a job allocated to DMSR benefit. Entered another timesheet with a different job that is not allocated to DMSR benefit for an hourly employee with a different Trade Code ZZ10. In this example, the DMSRB benefit is job allocated with a 2.5% markup. The benefit should calculate 2.5% overhead on employee's basic wage, expense and a 2.5% overhead cost against Union and Non-Benefits against Trade Code 220 as specified on the Payroll Overhead Cost Rate Setup Form.


Payroll - ENV5 Payroll Overhead Cost Rates
Company
Work Company ZZ Blais Industries
Overhead Codes
Type Code Description Active
Job DMSRB DMSRB Benefit
Job ZZTESTOVH zz test over head code
Overhead Rates
Effective Date Payroll Compan Method Percent/Rate Overhead Phase
09/01/2016 ALL Markup 2.500



Entered and posted Timesheets for the two hourly employees with 2 different Trade Codes.

EE: CA-EMPLOYEE11 with Trade Code 220 has calculated 2.5% Overhead on Wages (NWHR, OVHR, DTHR) (1200 + 60 + 90 = 1350) 2.5% of 1350 = 33.75. 2 Expenses (31.50 + 9 = 40.50) 2.5% of 40.50 = 1.02. Total DMSR = 34.77

EE: ZZ-100 with Trade Code ZZ10 did not calculate 2.5% DMSR Benefit on Wages and Expenses.

Timesheet Job Costing Report

ZZ - Blais Industries

JOB COSTING - JC POSTING REPORT

Page: 1 of 2
Date: 09/30/2016
Time: 11:54 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	1000	01-100	1300	CA-EMPLOYEE11 ZZWK201642	ZZWK	10/16/2016	10/16/2016	210	PY		$	1.000	60.00
ZZ	C	00	5200.100	1000	01-100	3000	CA-EMPLOYEE11 ZZWK201642	ZZWK	10/16/2016	10/16/2016	210	PY		NA	2.000	90.00
ZZ	C	00	5200.100	1000	01-100	3000	CA-EMPLOYEE11 ZZWK201642	ZZWK	10/16/2016	10/16/2016	210	PY		NA	3.000	9.00
ZZ	C	00	5200.100	1000	01-100	1300	CA-EMPLOYEE11 ZZWK201642	ZZWK	10/16/2016	10/16/2016	210	PY		$	3.000	31.50
ZZ	C	00	5200.100	1000	01-100	3000	CA-EMPLOYEE11 ZZWK201642	ZZWK	10/16/2016	10/16/2016	210	PY		NA	8.000	240.00
ZZ	C	00	5200.100	1000	01-100	1300	CA-EMPLOYEE11 ZZWK201642	ZZWK	10/16/2016	10/16/2016	210	PY		$	32.000	960.00
ZZ	C	00	5200.100	1000	01-100	1300	CA-EMPLOYEE11 ZZWK201642 DMSRB Benefit	ZZWK	10/16/2016	10/16/2016	210	PY		$		1.50
ZZ	C	00	5200.100	1000	01-100	1300	CA-EMPLOYEE11 ZZWK201642 DMSRB Benefit	ZZWK	10/16/2016	10/16/2016	210	PY		$		0.23
ZZ	C	00	5200.100	1000	01-100	1300	CA-EMPLOYEE11 ZZWK201642 DMSRB Benefit	ZZWK	10/16/2016	10/16/2016	210	PY		$		0.79

ZZ - Blais Industries

JOB COSTING - JC POSTING REPORT

Page: 2 of 2
Date: 09/30/2016
Time: 11:54 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	1000	01-100	1300	CA-EMPLOYEE11 ZZWK201642 DMSRB Benefit	ZZWK	10/16/2016	10/16/2016	210	PY		$		30.00
ZZ	C	00	5200.100	1000	01-100	1300	CA-EMPLOYEE11 ZZWK201642 DMSRB Benefit	ZZWK	10/16/2016	10/16/2016	210	PY		$		2.25
															Total for Job	**1000**	**1,425.27**
ZZ	C	30	5200.100	ZZ-WMT	01-100	1100	ZZ-100 ZZWK201642	ZZWK	10/16/2016	10/16/2016	210	PY		HR	2.000	75.00
ZZ	C	30	5200.100	ZZ-WMT	01-100	1100	ZZ-100 ZZWK201642	ZZWK	10/16/2016	10/16/2016	210	PY		HR	2.000	4.00
ZZ	C	30	5200.100	ZZ-WMT	01-100	1100	ZZ-100 ZZWK201642	ZZWK	10/16/2016	10/16/2016	210	PY		HR	40.000	1,000.00
															Total for Job	**ZZ-WMT**	**1,079.00**
															Total for Company	**ZZ**	**2,504.27**
															Total for Currency	**USD**	**2,504.27**

DMSR Benefit of 2.5% Overhead calculation has not been applied to EE ZZ-100 with Trade Code of ZZ10 during JC Timesheet Posting.
EE ZZ-100 Wages (NWHR + OVHR) and Expenses have been allocated to Job Costing as per setup.

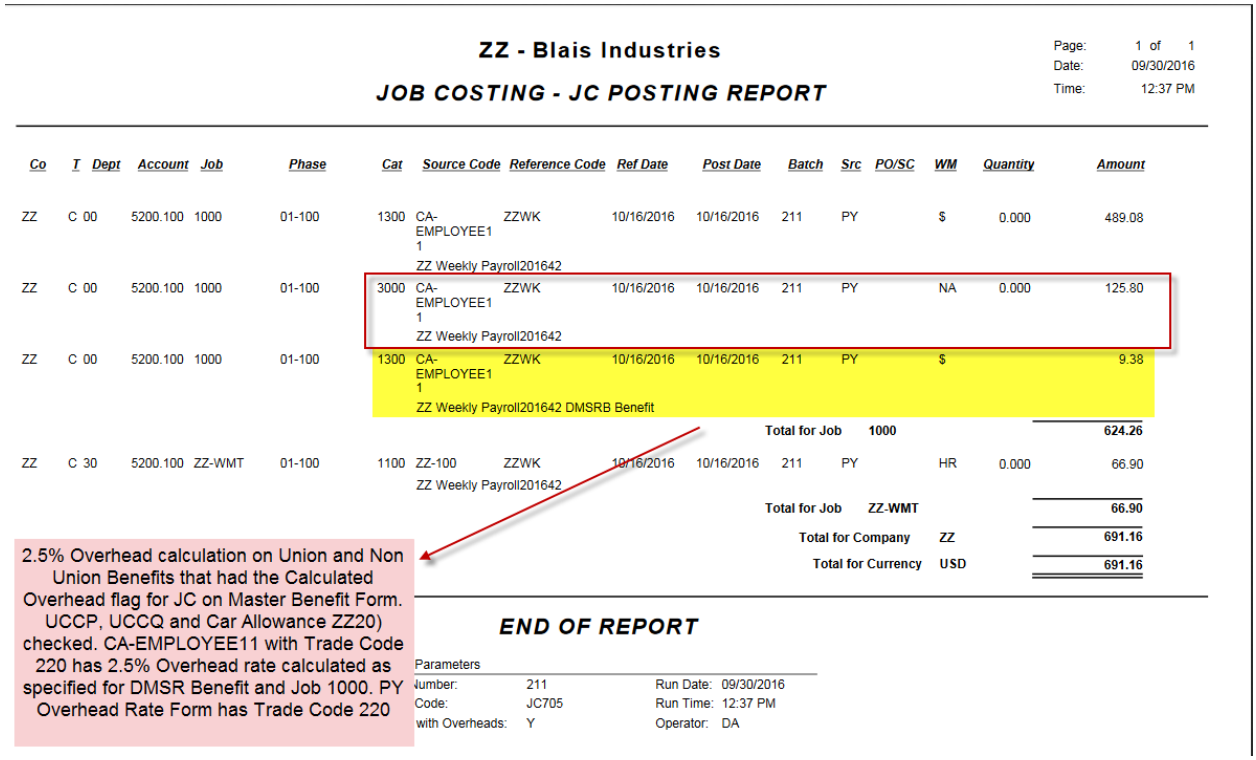
END OF REPORT

Report Parameters

Batch Number:	210	Run Date:	09/30/2016
Report Code:	JC705	Run Time:	11:54 AM
Posted with Overheads:	Y	Operator:	DA

Processed Payroll, Printed Checks and completed Final Payroll Posting.

Job Costing Final Posting Report



ZZ - Blais Industries

JOB COSTING - JC POSTING REPORT

Page: 1 of 1
Date: 09/30/2016
Time: 12:37 PM

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	1000	01-100	1300	CA-EMPLOYEE11	ZZWK	10/16/2016	10/16/2016	211	PY		$	0.000	489.08
							ZZ Weekly Payroll201642									
ZZ	C	00	5200.100	1000	01-100	3000	CA-EMPLOYEE11	ZZWK	10/16/2016	10/16/2016	211	PY		NA	0.000	125.80
							ZZ Weekly Payroll201642									
ZZ	C	00	5200.100	1000	01-100	1300	CA-EMPLOYEE11	ZZWK	10/16/2016	10/16/2016	211	PY		$		9.38
							ZZ Weekly Payroll201642 DMSRB Benefit									
											Total for Job		1000			624.26
ZZ	C	30	5200.100	ZZ-WMT	01-100	1100	ZZ-100	ZZWK	10/16/2016	10/16/2016	211	PY		HR	0.000	66.90
							ZZ Weekly Payroll201642									
											Total for Job		ZZ-WMT			66.90
											Total for Company		ZZ			691.16
											Total for Currency		USD			691.16

2.5% Overhead calculation on Union and Non Union Benefits that had the Calculated Overhead flag for JC on Master Benefit Form. UCCP, UCCQ and Car Allowance ZZ20) checked. CA-EMPLOYEE11 with Trade Code 220 has 2.5% Overhead rate calculated as specified for DMSR Benefit and Job 1000. PY Overhead Rate Form has Trade Code 220

END OF REPORT

Parameters

Number:	211	Run Date:	09/30/2016
Code:	JC705	Run Time:	12:37 PM
with Overheads:	Y	Operator:	DA

Addition of the ACH Date Format option on the Bank Setup screen. (16.20718)

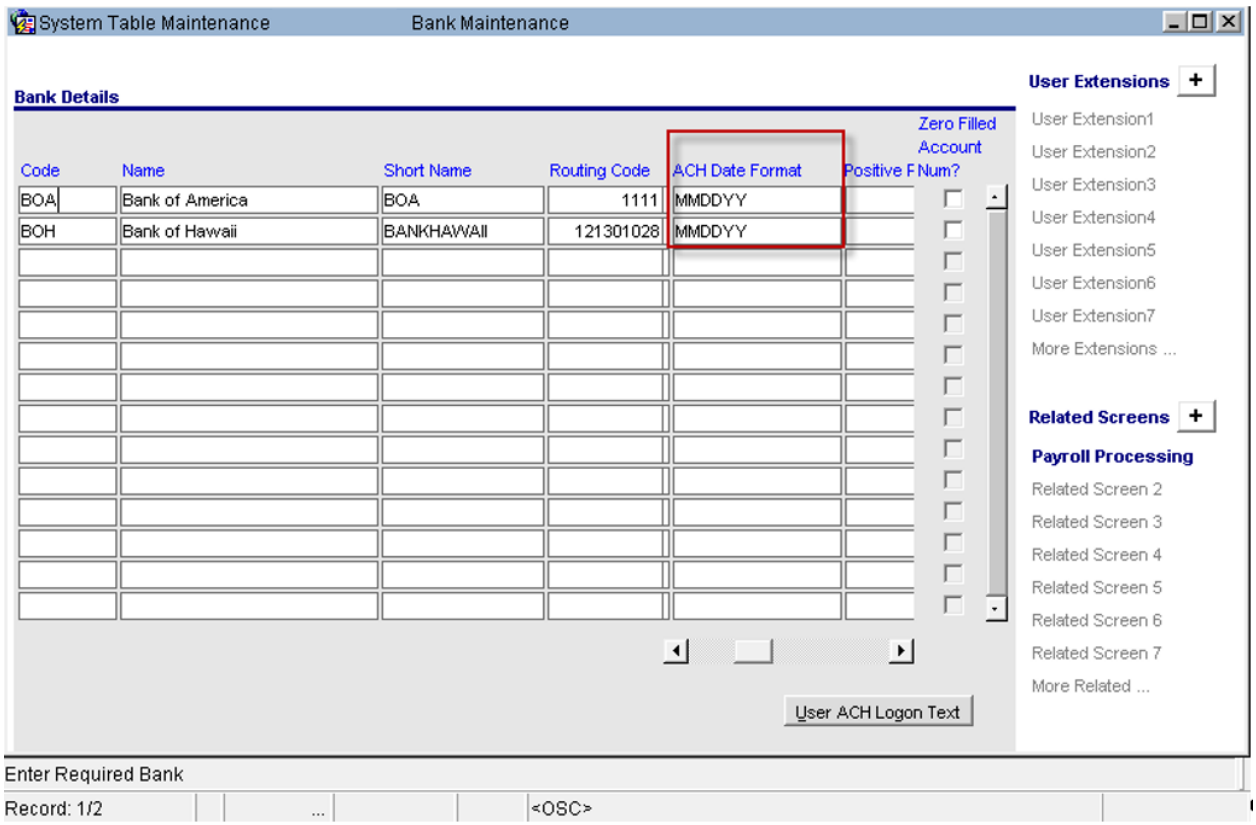
Overview

CMiC added an ACH Date Format option on the Bank Setup screen.

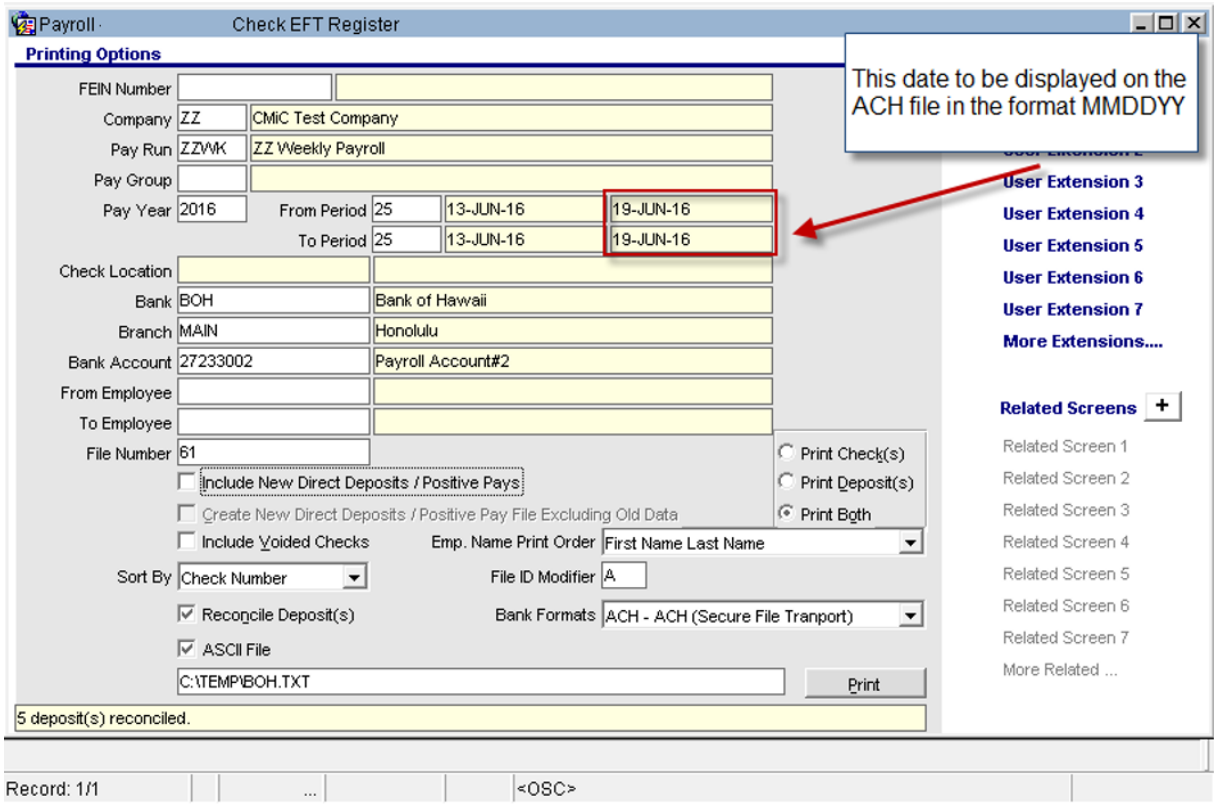
The default date format will remain "YYMMDD" if the new date format field is NULL.

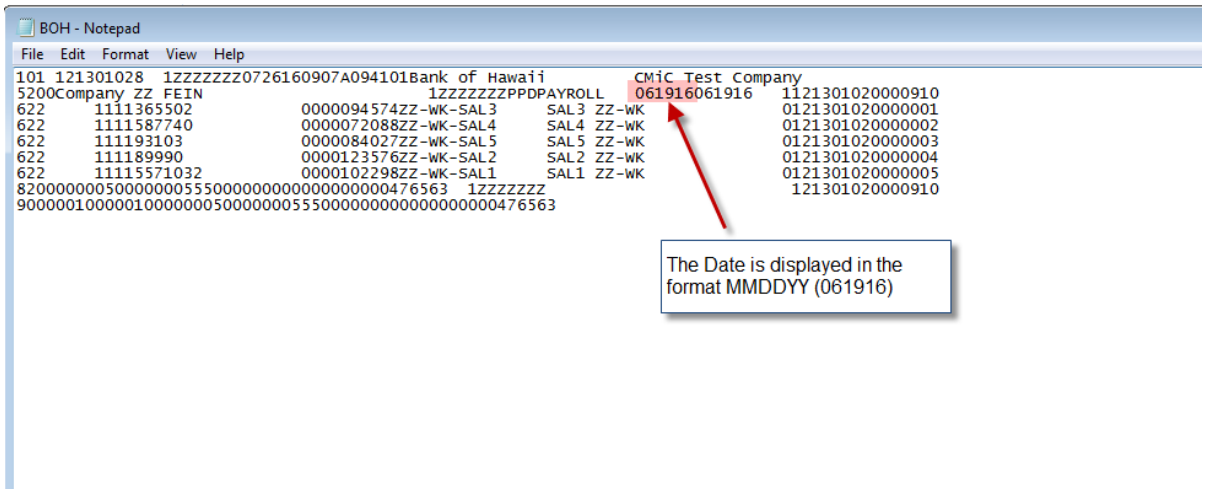
Modification:

1. A new field “ACH Date Format” has been added on the Bank Maintenance screen to allow user to set the desired date format of the ACH Check/Register Reports.

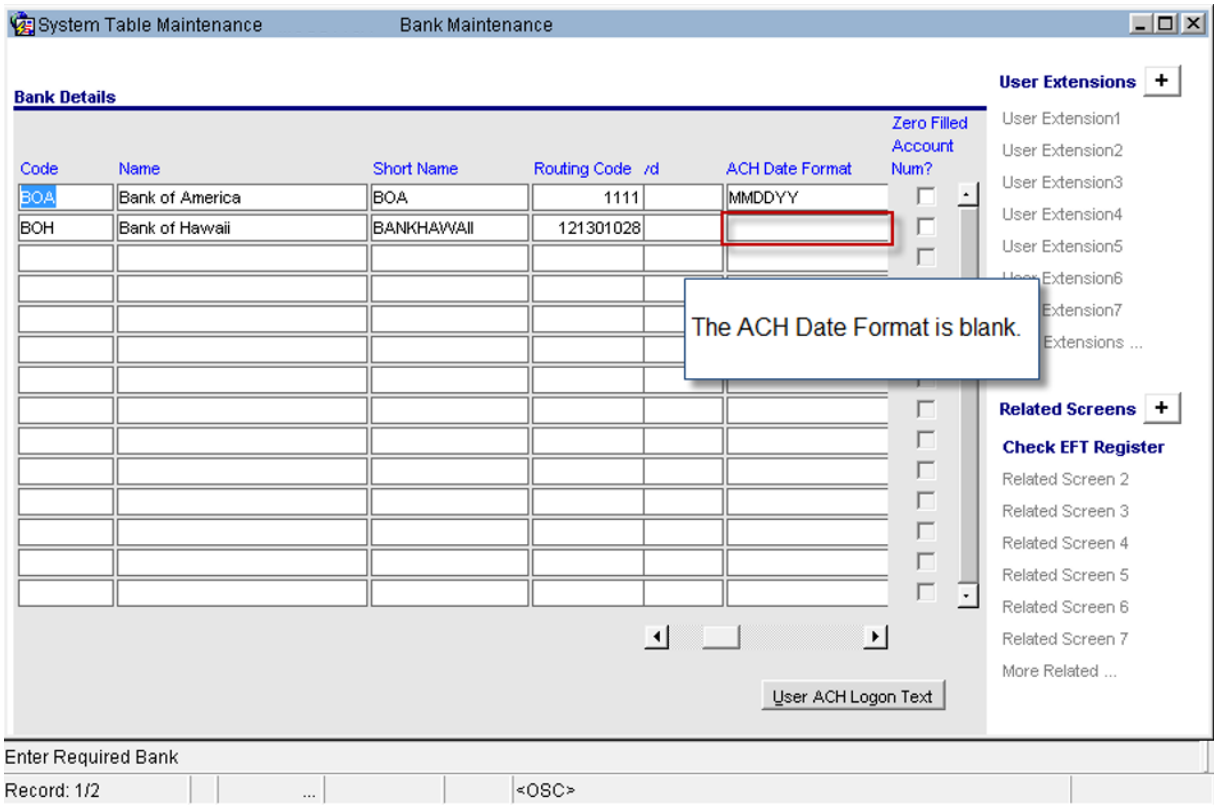


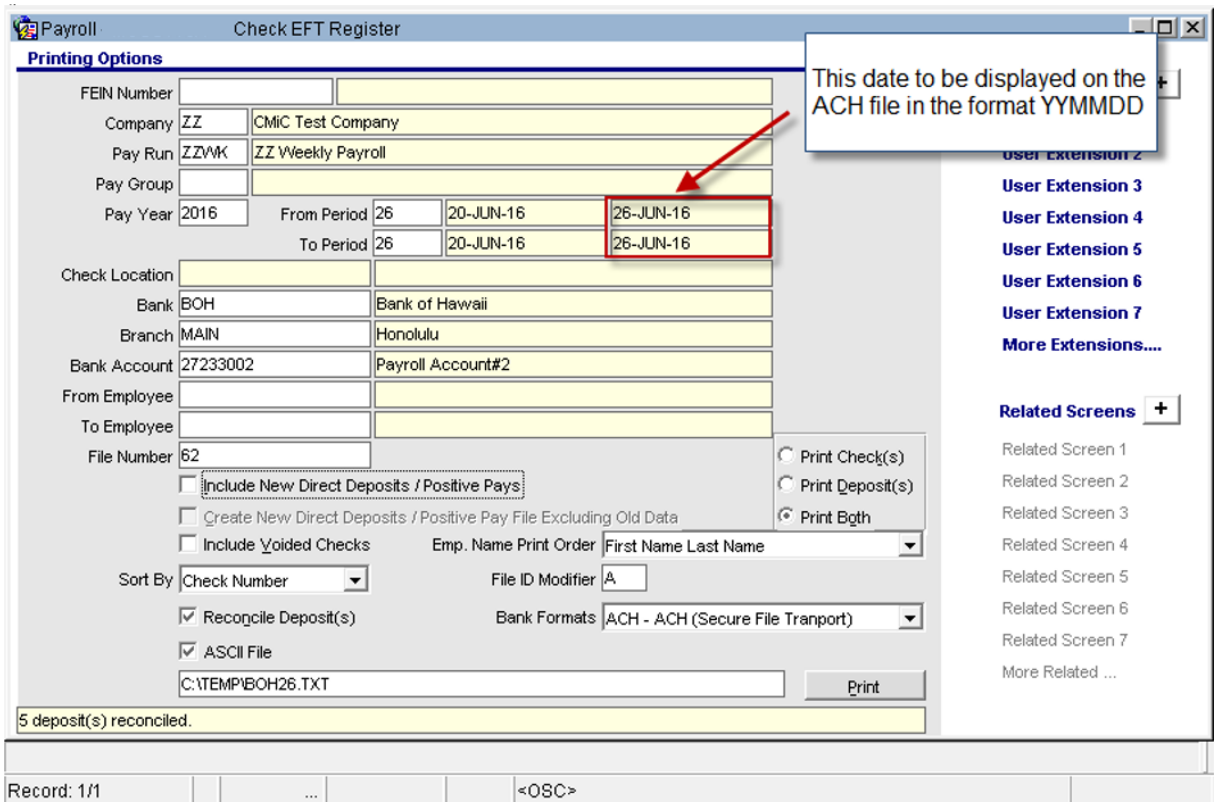
2. When the ACH Date format is setup on the Bank Maintenance screen, the ACH file uses this format on the EFT report.

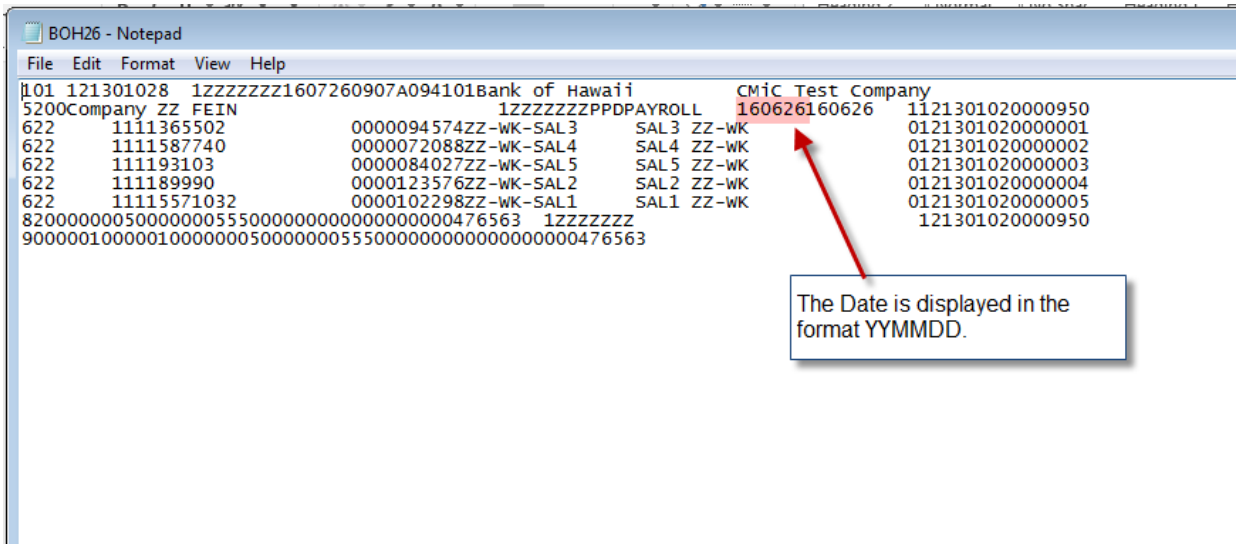




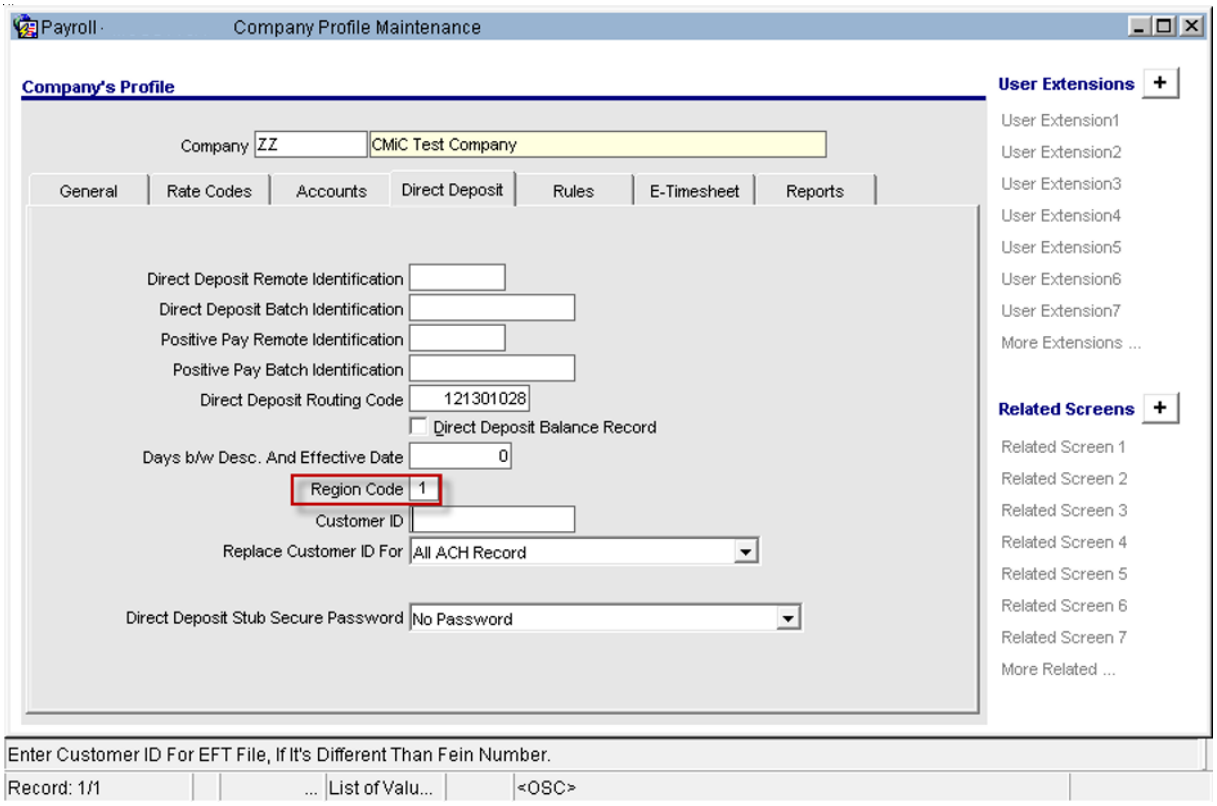
3. When the ACH Date format is setup as NULL/blank on the Bank Maintenance screen, the ACH file uses a default format “YYMMDD”.

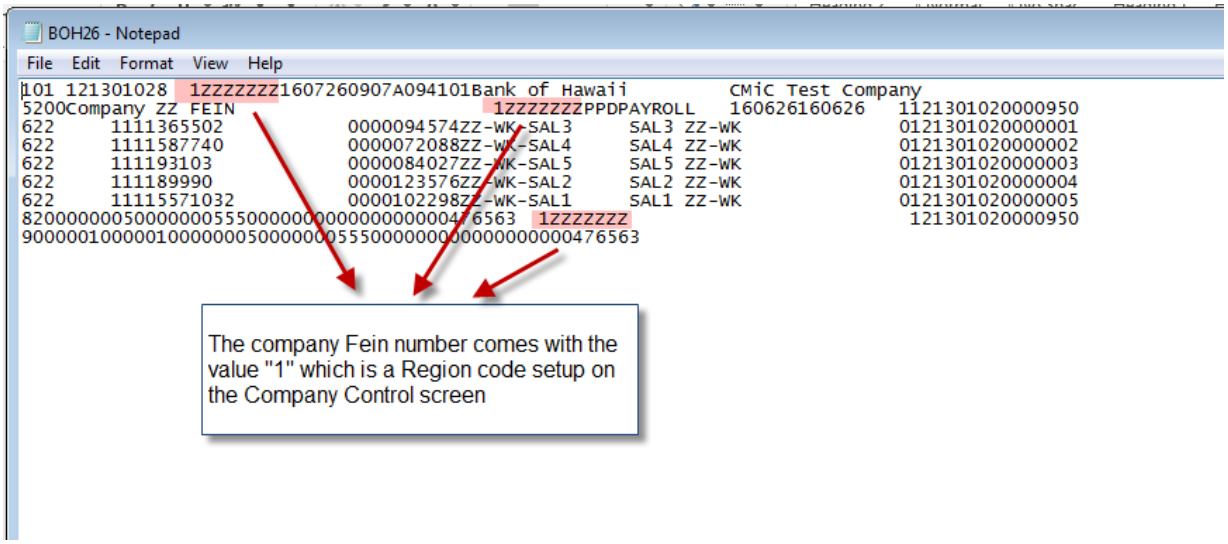

System Table Maintenance
Bank Maintenance
Bank Details
Code
Name
Short Name
Routing Code
/d
ACH Date Format
Zero Filled Account Num?
BOA
Bank of America
BOA
1111
MMDDYY
BOH
Bank of Hawaii
BANKHAWAII
121301028
The ACH Date Format is blank.
User Extensions
User Extension1
User Extension2
User Extension3
User Extension4
User Extension5
Related Screens
Check EFT Register
Related Screen 2
Related Screen 3
Related Screen 4
Related Screen 5
Related Screen 6
Related Screen 7
More Related ...
User ACH Logon Text
Enter Required Bank
Record: 1/2
<OSC>


Payroll
Check EFT Register
Printing Options
This date to be displayed on the ACH file in the format YYMMDD
FEIN Number
Company
ZZ
CMiC Test Company
Pay Run
ZZWK
ZZ Weekly Payroll
Pay Group
Pay Year
2016
From Period
26
20-JUN-16
26-JUN-16
To Period
26
20-JUN-16
26-JUN-16
Check Location
Bank
BOH
Bank of Hawaii
Branch
MAIN
Honolulu
Bank Account
27233002
Payroll Account#2
From Employee
To Employee
File Number
62
Include New Direct Deposits / Positive Pays
Create New Direct Deposits / Positive Pay File Excluding Old Data
Include Voided Checks
Print Check(s)
Print Deposit(s)
Print Both
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:\TEMP\BOH26.TXT
Print
5 deposit(s) reconciled.
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 ...
Record: 1/1
<OSC>



4. The Company Number on the ACH file is preceded by the Region Code which is setup on the Company Control screen->Direct Deposit tab.





Modifications to '401K Filing Parameter' Form (16.24454)

Overview:– Added Report options by Tran Date and Post Date on the 401K Filing Parameter screen. Program has been modified to look at posting date instead of transaction dates for Multiple Company option. CMiC has made the following modifications to '**401K Filing Parameter**' screen**:**

Addition of two new drop down options for 401K file creation when Multiple company plan code is selected. The new "REPORT DATE BY" option will be availabe with two drop down selections:

1- Transaction Date: (This will be the actual transaction Date between the Date From and To)

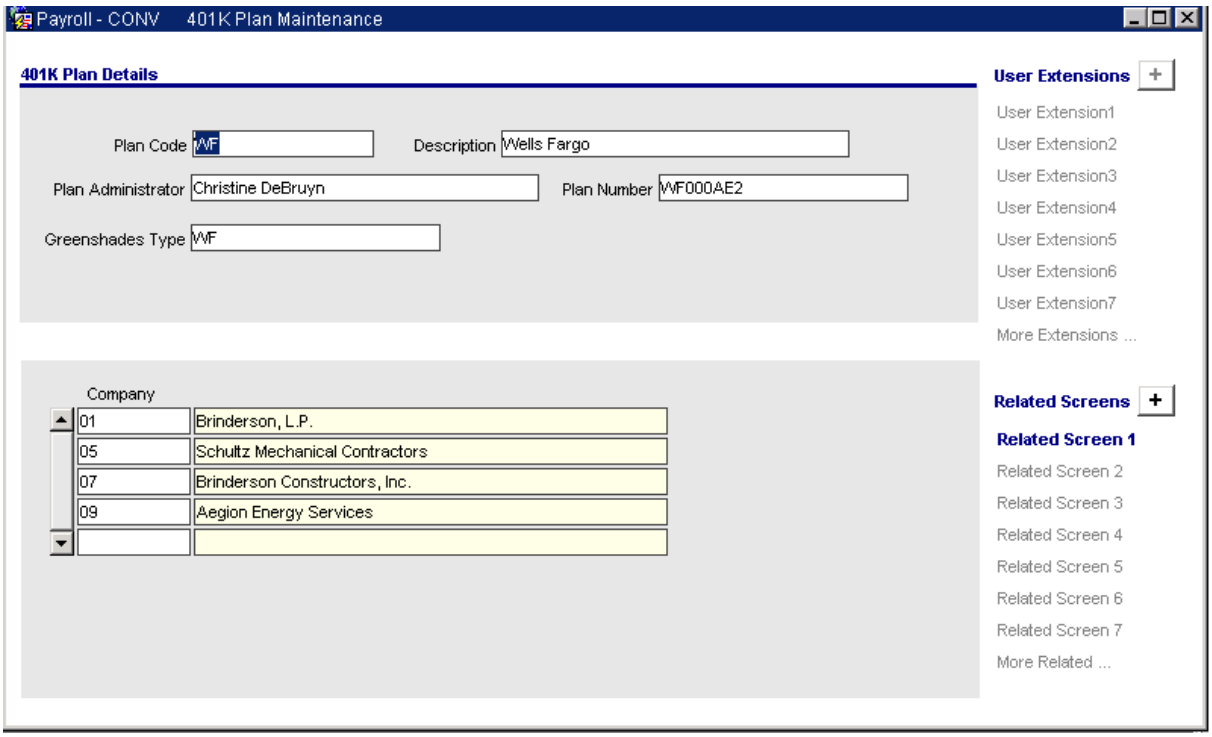
2-Posting Date: (This will be the actual posting date between the Date From and To))

There will be no change in programing when the Multiple Company option is not selected by user.

Note: If the plan code has multiple companies then the user is not allow to select Pay run and Pay period because multiple companies may have different pay frequency and/or period start and end dates. The user is allowed to enter only a start date and end date for timesheet transaction date. The system will pick all the timesheet transactions between the start date Brinderson requires and end date.

Step 1: PY Setups

Govt Forms: 401K Plan Maintenance – Multiple Company Plan Code



Step 2: PY Govt Forms – 401K Parameter Screen Processing

Generating the 401K XML File with Report Date by Option: Posting Date Vs Transaction Date

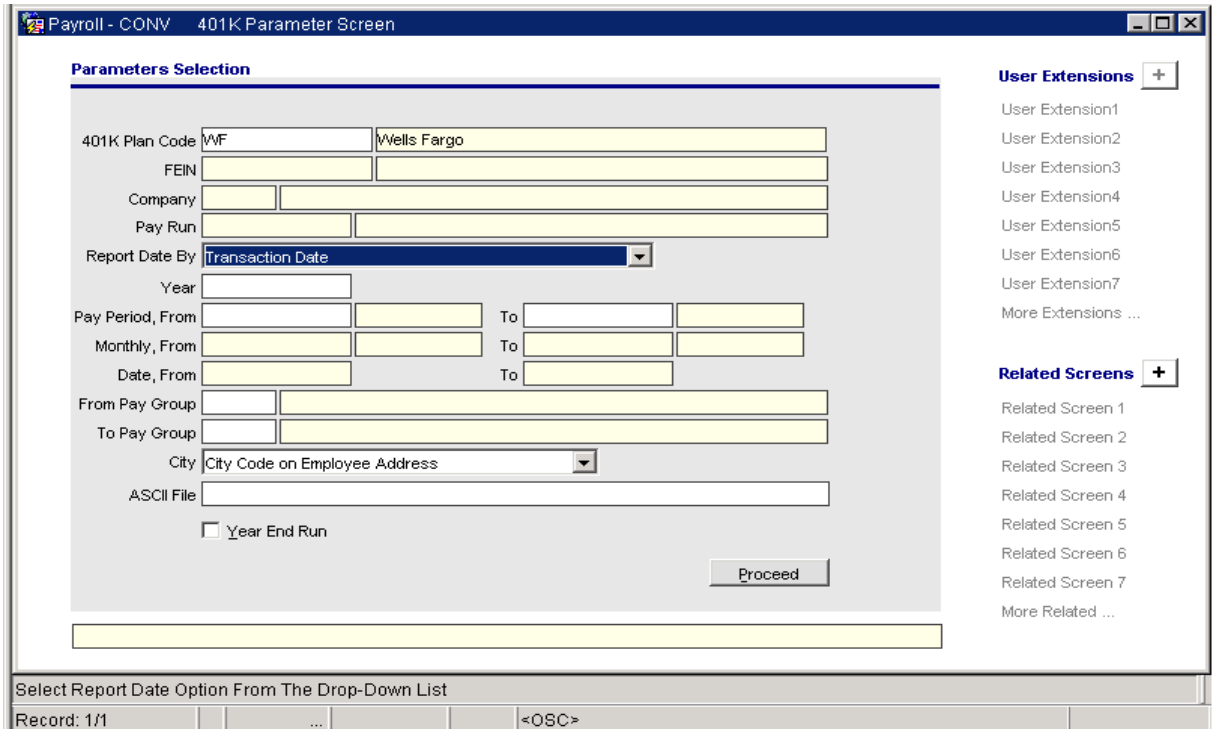
REPORT DATE BY" option will be available with two drop down selections:

1- Transaction Date: This will be the actual transaction Date between the Date From and To

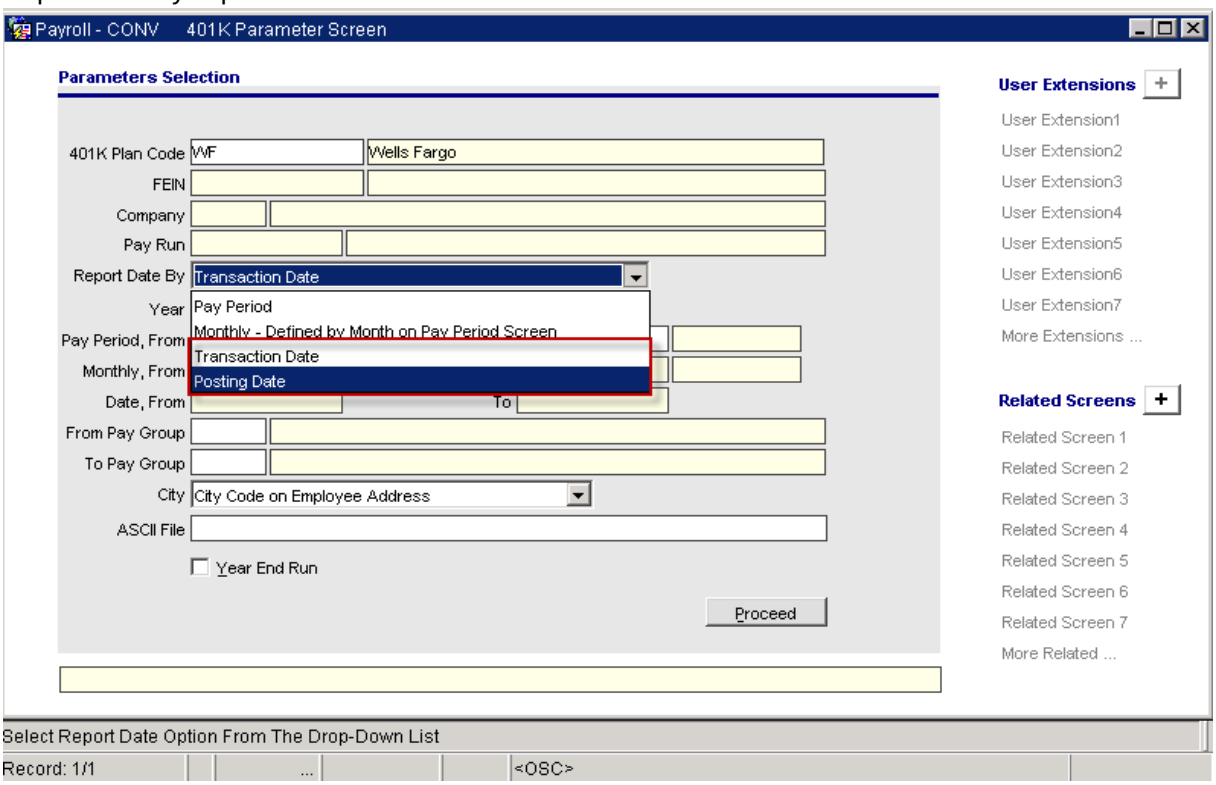
2-Posting Date: This will be the actual posting date between the Date From and To

There will be no change in programing when the Multiple Company option is not selected by user.

Note: If the plan code has multiple companies then the user is not allowed to select Pay run and Pay period because multiple companies may have different pay frequency and/or period start and end dates. The user can enter only a start date and end date for timesheet transaction date. The system will pick all the timesheet transactions between the start date and end date.

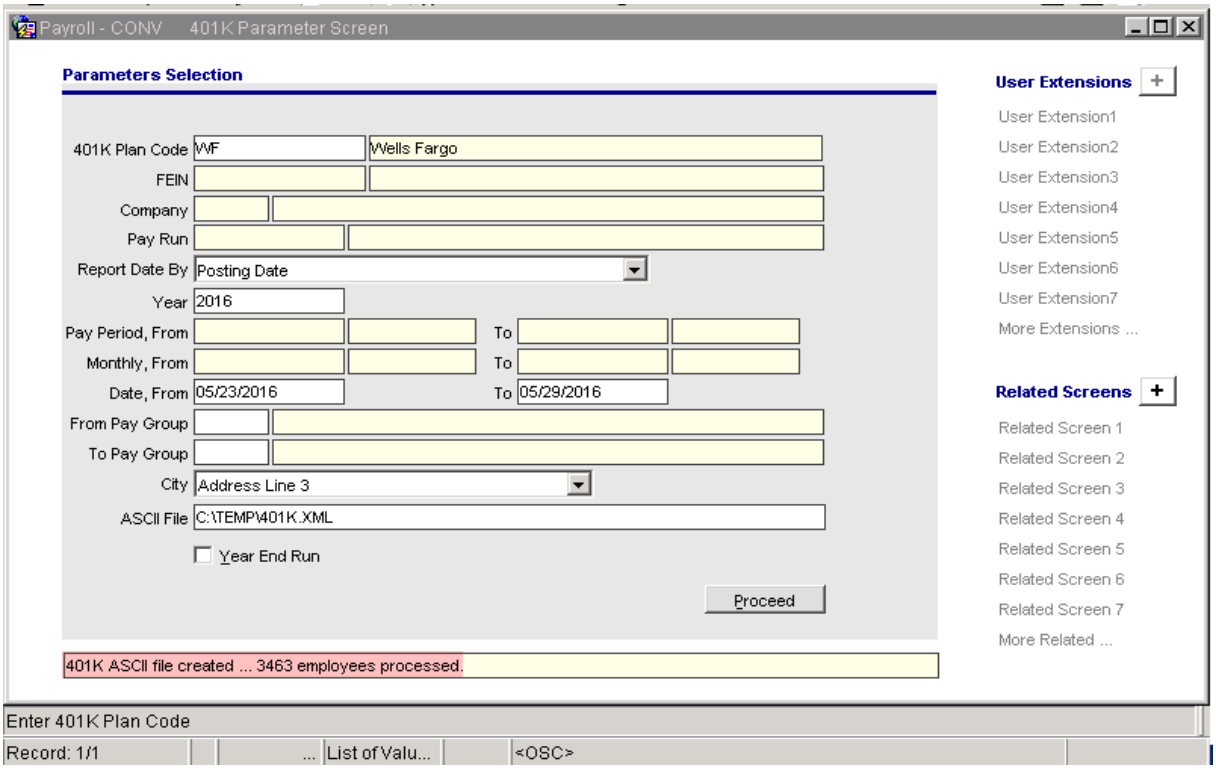


Report Date By: Options added



Generating 401K. XML File: 401K Parameter Screen with Report Date by: Posting Date

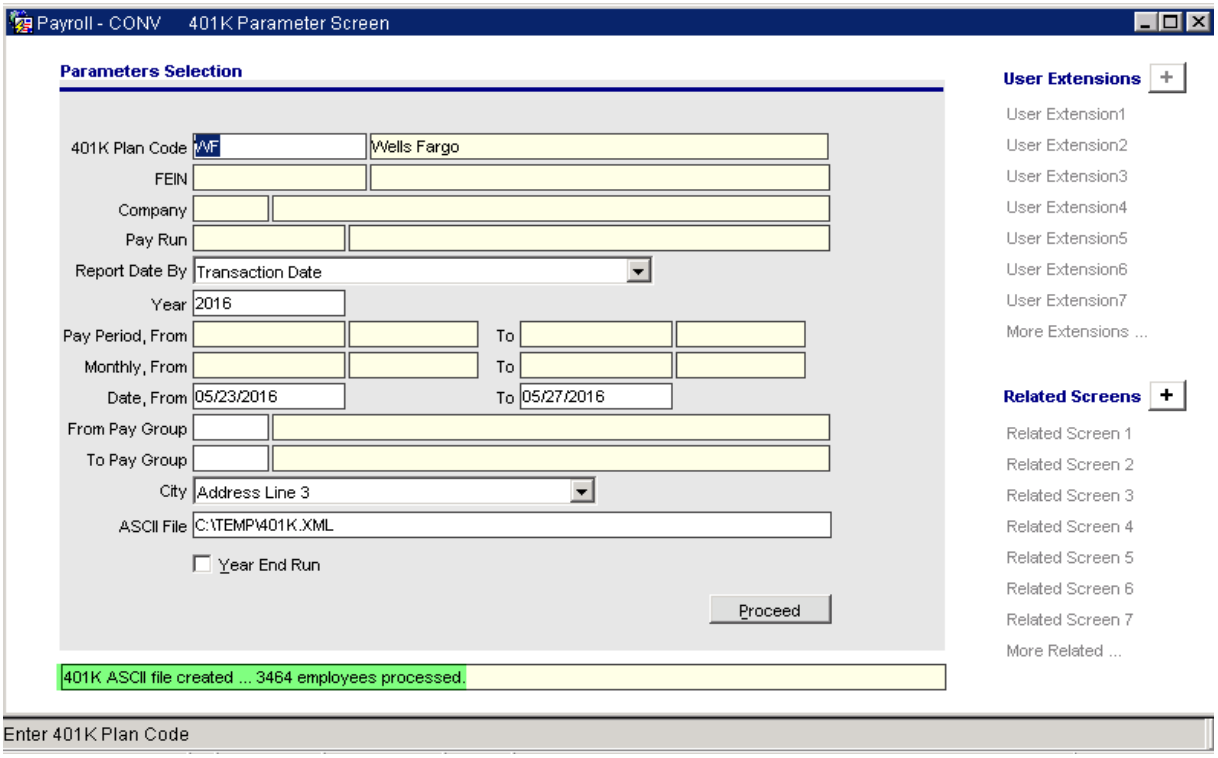
Note: This will be the actual posting date between the Date From and To



With Posting Date option, the 401K ASCII file created and processed with 3463 employees.

Generating 401K. XML File: 401K Parameter Screen with Report Date by: Transaction Date

Note: This will be the actual transaction Date between the Date From and To



With Transaction Date option the 401K ASCII file created and processed with 3464 employees. When compared to Posting Date, file generated with option of Transaction Date has 1 extra employee picked from pay period 23. Generated 401K XML File successfully with option Transaction Date.

Posted Crew Timesheet Screen (16.24261)

CMiC has made the following modifications in Crew Timesheet Program.

A new feature/screen has been added on the tree view called **'Posted Crew timesheets**'. It has the same appearance as the Crew Timesheet Approval option, except that, it will display a log for all posted timesheets. The log will display Job Company, Job Code, Date, Shift and Crew code with a radio button for the user to select the timesheet to display. Once the crew timesheet is selected, the program will open the timesheet in a popup window with LOCKING MODE.

The log will display the '**Originator**' or **'Crew timesheet Owner**' by pulling the name of the person who generated this timesheet.

A new screen has been added to the PYE Application Tree View called '**Posted Crew Timesheets**'.

[**Copy Timesheet**] button has been added to copy timesheet from previous day.

Enter Job, Date and Crew Code. User can type a new crew code or the same crew code. Select [**Refresh**] button to load a blank Crew Timesheet.

[**Copy Timesheet**] buttons is only enabled and appears if the Crew Timesheet is empty.

Select [**Copy Timesheet**] to copy previous existing timesheets. A popup opens for the user to select and copy previous crew timesheets. User is able to search by Crew Code.

Posted Timesheet from previous period is available to be copied over to current.

[**Copy Timesheet**] feature to copy an Unposted Timesheet.

Unposted (submitted) Timsheets are also available to be copied via [**Copy Timehsset**] button.

[**Recall Previous Header**] button is enabled as soon user submits the crew timesheet.

Timesheet is available to be submitted and approved in Crew Timesheet Approval screen. Crew Timesheet is avilable for Timesheet Posting.

Posted Crew Timesheet Screen & Log:

Posted Crew Timsheet Screen only display the logs for Posted Timsheets. User can review the Posted Crew Timsheet and log under the new added 'Posted Crew Timesheet' Screen.

User can select the Posted Timesheet to review. The posted timesheet is in Locked Mode.

User can search Posted Crew Timesheet from Created By:

The log will also display the 'Originator' or 'Crew timesheet Owner' by pulling the name of the person who generated this timesheet.

Crew Timesheet: Addition of Comment & Notes Field (16.24242)

CMiC has made the following modifications in **Crew Timesheet Entry** and **Approval** screens:

1- Addition of Comment field per employee row. The Comment Field is added to Employee Section on the Crew Timesheet Entry and Approval Screen only.

2- A ‘New Table’ is created for the Crew Time Comment field to store data per line. Comments and notes are available to the user and displayed on Crew Timesheet and Approval screens. Comments & Notes entered buy the user, is applied per line.

NOTE: Printing Crew Timesheet Comments and Notes on report is not in scope. CMiC has not modified any Crew Timesheet and Edit Listing Reports, other than Crew Time Entry and Crew Time Approval Screens for addition of Comments Field.

The Comment & Notes field is on Employee Entry Screen after the Union Code field. The Comment & Notes is a Static field. User can enter notes and text wrap with the length of the note. User can double click on the Comment Field, to open a small popup window and enter and/or edit the value. The Comment filed also has a Spell Check feature. Special Charcaters are also allowed and will be saved with no errors.

The user entered comments and notes are saved in the crew timesheet entry screen and submitted for Approval. Crew Timsheet is posted via the Approval Screen with the inserted comments and notes.

Timesheets entered notes in the comment field will be deleted when user deletes the Timsheet. Delete Multiple Rows with comments and notes is also available.

Crew Timesheet: ‘Copy Previous Record’ button to copy Equipment hours (17.3377)

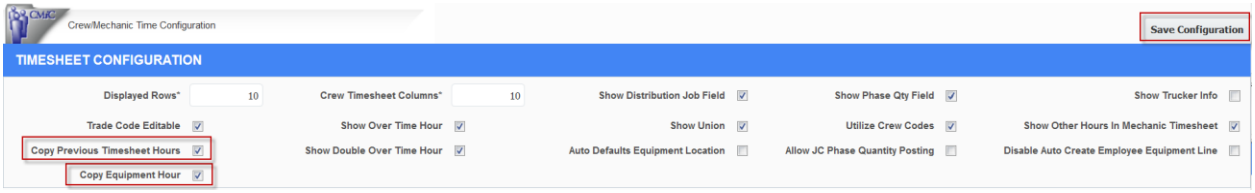
CMIC has modified ‘Copy Previous Record’ program with the functionality to copy the Equipment information along with Employee information.

‘Copy Previous Record’ button is available to copy both employee and equipment information from the previous day.

Pre-Requisites: Under Crew Timesheet Configuration and Setup check the flags for the following to enable this functionality:

Copy Previous Timesheet hours
Copy Equipment Hour

Enter timesheet and select ‘Copy Previous Record’ button to copy both employee and equipment information and hours from the previous day (Crew Timesheet) to the current Crew Timesheet entry and date.



E-Time Job Security per Enterprise (17.31773)

Overview of the modification: To limit an employee’s job access in E-Time to only those Jobs/Projects that, the employee has access to in Enterprise when there is an asterisk (*) assigned to the Job field in E-Time Access Code Administration. If there is no (*) asterisks specified, then security should work as is.

CMiC has modified E-Time Job Security by adding three new flags on the system to allow users to filter Job LOV. The new added flags are as under:

Added 'Allow E-Timesheet Entries' flag on the Payroll Tab of Job Maintenance Module. To Allow Transactions against the Job in E-Time Entry Screen, if it is 'Y'

Added ‘Allow All Allocations When Access Code Allows None’ Flag on 'E-Timesheet' Tab of System Option module. If 'Checked' then Allow All Allocations When Access Code has no setup on Job/Account Tab and Override PY Company Control Level Setup

Added ‘Restrict To Enterprise Job Security’ flag on the ‘E-timesheet Role Maintenance’ module to allow users to restrict by job security (My Jobs). When the flag is ‘Checked’ then user is only allowed to enter secure jobs. All Jobs, radio button will not be available to user in the Job LOV. This function will only be available if, feature ‘Allow Access to all jobs where access is null’ has been enabled.

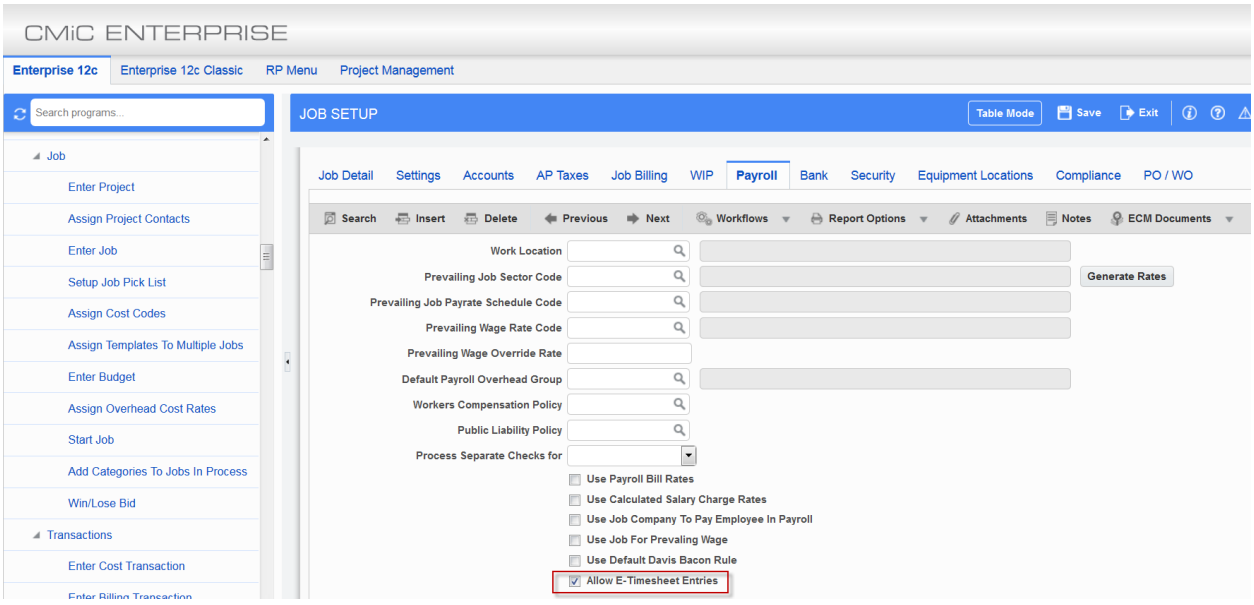
Job Costing - Job Setup Screen: A New flag is added on the Job Setup screen in addition to ‘Allow Transaction’. The new flag is called ‘Allow E Timesheet Entries’. The default value for the flag will be CHECKED. The new flag will allow users to Un-Check the flag to remove the job from timesheet entry screen including E-Time, Crew Time and Mechanics time entry screens. E-Time users will not be able to enter time once the flag is Un-Checked. The existing ‘Allow Transactions’ flag functionality will remain the same. The ‘Allow Transactions’ flag will supersede the new ‘Allow E-Timesheet Entries’ flag. Once the ‘Allow Transactions’ flag is un-checked, the job setup will automatically un-check the new ‘Allow E-Timesheet Entries’ flag. The ‘Allow E-Timesheet Entries flag is disabled when ‘Allow Transactions’ flag is un-checked.

Hour Type Job Mapping Screen in E-Time: Additional modification is made for Hour Type Job Mapping in E Time. The Job LOV is modified to consider hour type mapping when ‘Restrict To Enterprise Job Security’ flag is checked. Job LOV will now apply and consider E Time Hour Type Job mapping in Secure Job mode.

NOTE: Enterprise Job Security will only apply, if the Job field under User Access Code Administration is null and empty. If there are (*) Asterisks and or values, then the job security will be applied as per the user access code and defined in the Job field.

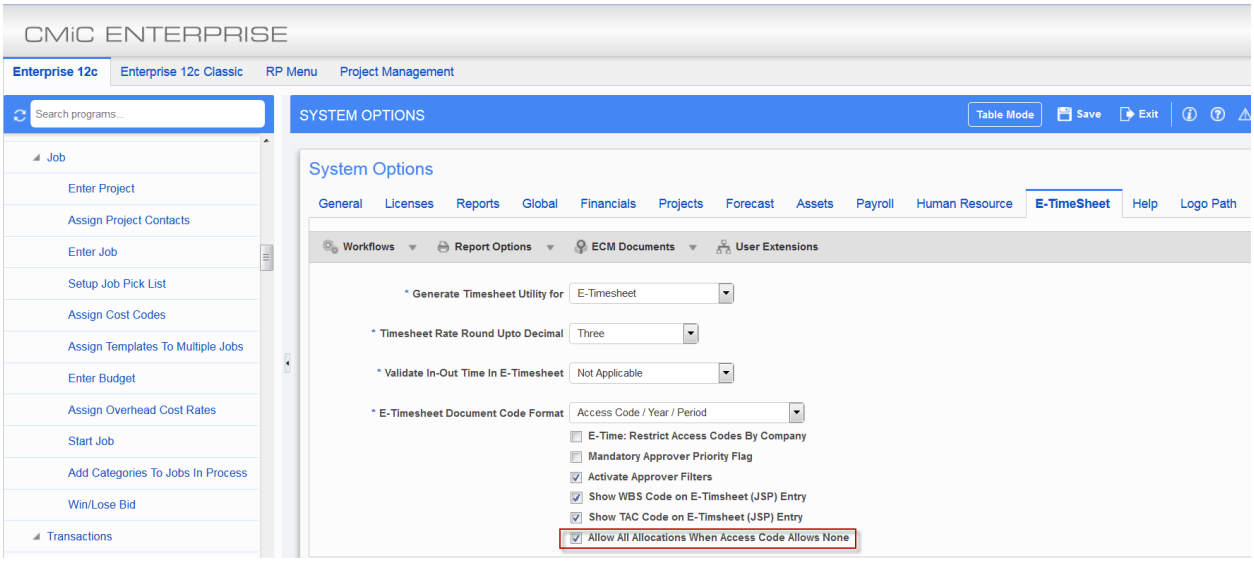
Job Costing – Job Setup screen

In Job Costing module > Job > Enter Jobs > Query the Job > Go to Payroll tab and check the flag “**Allow E-Timesheet Entries**”. When this flag is checked, the program allows user to create transactions against this Job in E-Time, Crew Time and Mechanic Time

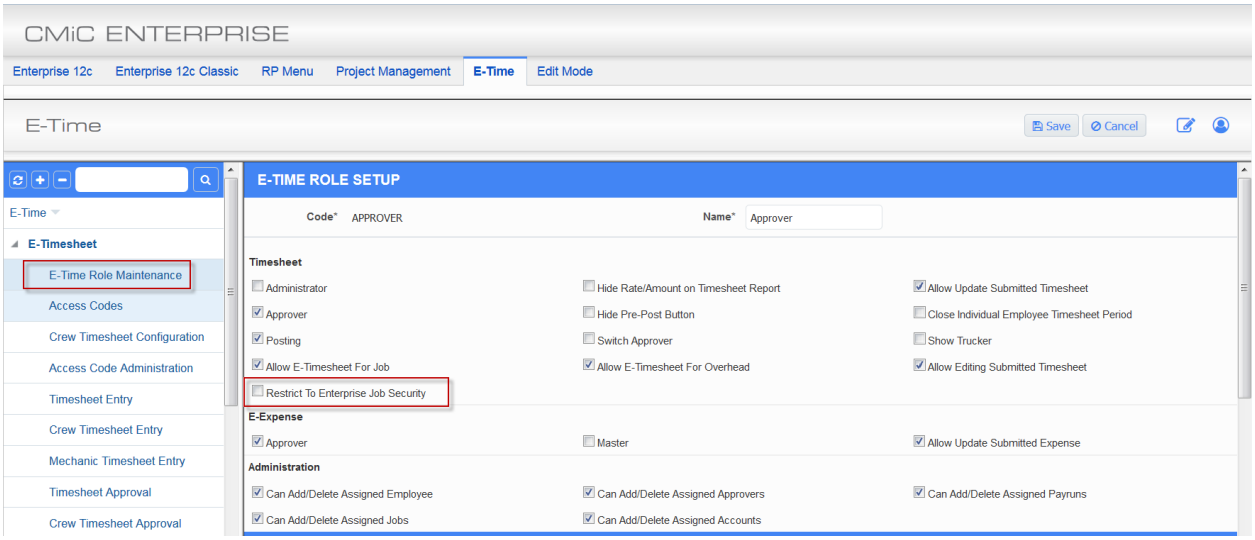


System Options – E Timesheet Tab

On the Main Menu > System > Setup > System Options > E-Timesheet tab > check the flag "**Allow All Allocations When Access Code Allows None**". When this flag is checked and the Job is not setup on the Access Code Administration screen, then the program will display all Jobs in the Job LOV on the E-time Entry screen and, also Override PY Company Control Level Setup.



On the E-time tree view > Select E-time Role Maintenance > 'Restrict To Enterprise Job Security' flag feature is added on the 'E-timesheet Role' Setup screen. When this flag is 'Checked' then user is only allowed to enter jobs which are setup under the Enterprise user Job Security group, when unchecked user can enter any job.



Enterprise User

The Job LOV restricts and displays the jobs for the user based on the Enterprise Job Security.

NOTE: The Access Code Setup (Master) in this condition has no Job assigned under the Access Code Administration, Job Tab. The Job Tab is empty and has no values.

Scenario 1:

When the flag ‘Restrict To Enterprise Job Security’ is unchecked under E-Time Role Maintenance, the Jobs LOV displays 2 radio buttons: My Jobs and All Jobs. This is under a condition where there is no Job setup under Job field in the Access Code Administration screen.

My Jobs radio button displays Jobs based on user’s enterprise job security.

All jobs radio button displays all jobs based on the access code security.

When the flag ‘Allow All Allocations when Access Code Allows None’ is unchecked, then ALL Jobs radio button will not display ALL jobs and retrieve any records for the user.

Scenario 2:

In E-Time Role Maitenance: ‘Restrict To Enterprise Job Security’ flag is checked.

Access Code Administration Setup: User Access Code has a Job assigned under Job tab. Access Code has a Job defined under Job tab. The Job LOV, will display as per the Access Code setup.

Hour Type Job Mapping – Restrict to Enterprise Job Security Mode

The job lov is modified to consider hours type mapping in security job mode.

In E-Time Role Maitenance: ‘Restrict To Enterprise Job Security’ flag is checked.

Access Code Administration Setup: User Access Code has no Job assigned under Job tab.

Under Company Profile, E-Time tab, ‘Filter Phases for Default or E-Time’ flag is checked.

When entering **Vacation Hour Type** as per defined Hour Type Job Mapping in ETime, with ‘Restrict To Enterprise Job Security’ flag checked. The Job LOV will consider the hour type job mapping setup and displays the jobs that the user has security access in Enterprise.

Restrict Phase Codes in E-Time (17.31775)

To restrict phase codes in E-time based on Category. The E-Time category flag should drive phase codes availability in E-Time. When a specific phase code does not contain a category that is selected for E-Time use, then it should not be available in E-Time Application.

NOTE: This functionality is in conjunction with 17.31773 (E Time Job Security and Restriction flag)

CMiC has made the following functionality modifications to accommodate Restrict Phase Codes in E-Time functionality.

In Payroll Company Control > E-Timesheet Tab the following changes are made:

Default Category field is not a required field anymore, when the ‘Filter Phases Category’ flag is checked. User, can enter and or leave the field blank.

Hint on ‘Filter Phases for Default Category is changed accordingly.

Program changes is applied for both FORMS and ADF.

The label for ‘Filter Phases of Default Category’ is changed to ‘Filter Phase for Default Or E-Time Category’.

E-Time JSP program is changed to apply the new logic below:

When **Default Category** field/column in the PY Company Profile is Null, then program should retrieve ALL the Phases for ALL the Categories that have E-Time flag checked under the E-Time Categories setup screen. This is the logic condition and program should validate this against E Time Categories screen in Payroll.

Payroll Company Profile Maintenance screen

Payroll Company Profile Maintenance screen: Filter Phases for Default Or E-Time Category. Hint is also changed as per the functionality and logic. When flag is Checked: Phases will be filtered on the basis of default category in E-Timesheet.

Setup Conditions & Implementation

User can check the Filter Phase for default or E-Time Category, without entering the 'Default Category' field.

Scenario 1: E Time Categories are all checked and available for E Time.

Scenario 2: Filter Phases for Default Or E Time Category is checked with Default Category field null.

Removed Categories 1300 and 4000 from E-Time under Payroll E-Time Categories screen. UserAccess Code in E Time has defined Job in the Job field tab under Access Code Administration. Job is specific, Phase and Category is (*). Testing in conjunction with Restrict To Enterprise Job Security flag and Allow All Allocations When Access Code Allows None functionality and logic.

Filter Phases for Default or E-Time Category has only made Category 1100 available in the Category LOV on E Timesheet entry screen, when user is entering time. Categories 1300 and 4000 are not avilable in E-Time since the flag is unchecked in Payroll E-Time Categories screen. E Time JSP logic applied to filter the categories against E Time Categories screen and filter the categories, even though the user access has an (*) asterisks for Category field.

E-Time JSP Logic

E-Time JSP Program is modified to apply the new logic, that if the 'Default Category' column is the Company Profile is null, then, it should retrieve and pull ALL the Phases for ALL the Categories that have the E-Time flag checked under the E-Time Categories setup screen in payroll module. This logic is now fixed and applies to both, a) when the user Access Code has Job setup with (*) asterisk and/or b) Job Setup as 'Null' without any (*) asterisk.

Setup Condition 1: If user access code job tab setup is null with no Job/Phase/Category, and Filter Phases for Default Category flag is checked with '**Default Category'** field as **null**, then E Time JSP Logic will filter the category through E Time Category setup screen to verify if the E Time flag is checked or un-checked.

The Job LOV will also retrive based on Job Security Access and Restriction to enterprise job security flag (if enabled).

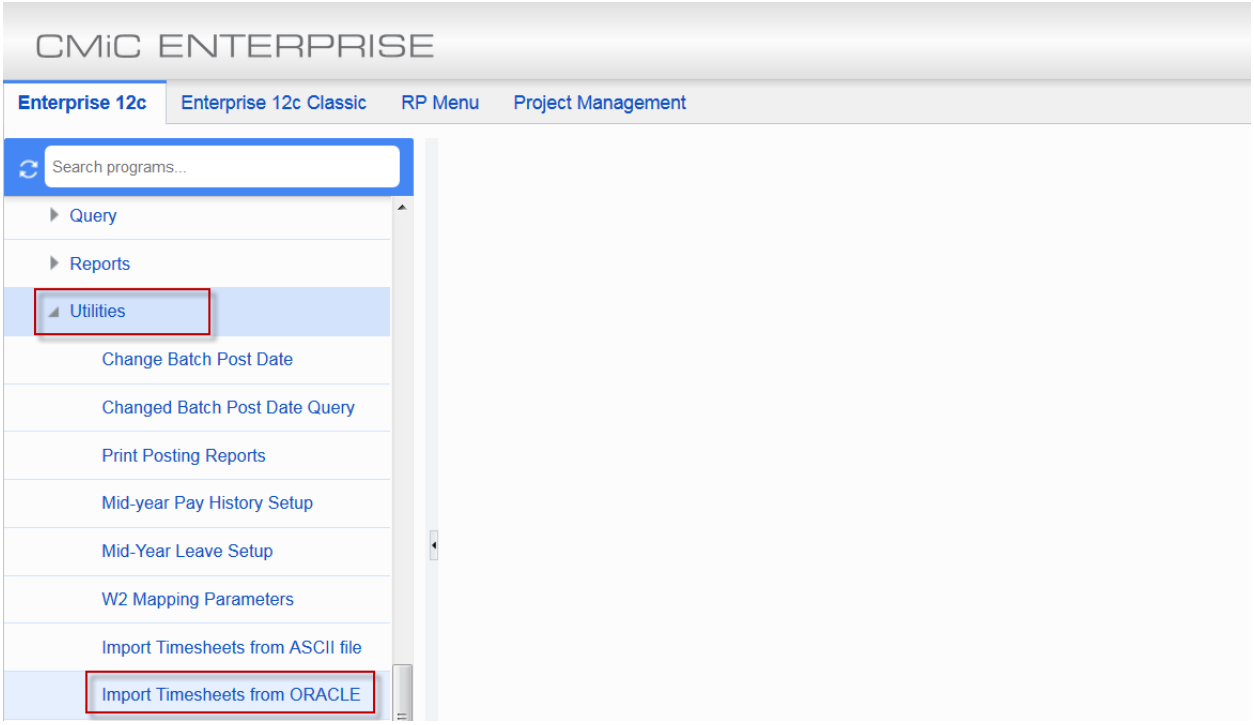
Setup Condition 2: If user access code job tab setup is null with no Job/Phase/Category, and Filter Phases for Default Category flag is checked with '**Default Category**' field entered (Category 1300) to restrict to a sepcific Category, then E Time JSP Logic will filter the category through E Time Category setup screen to verify if the E Time flag is checked or un-checked.

E Time Category restriction and filtering: E Time JSP Logic will now filter the category through E Time Category setup screen to verify if the E Time flag is checked or un-checked.

Import Timesheets from Oracle – Utility (17.35950 &17.37335)

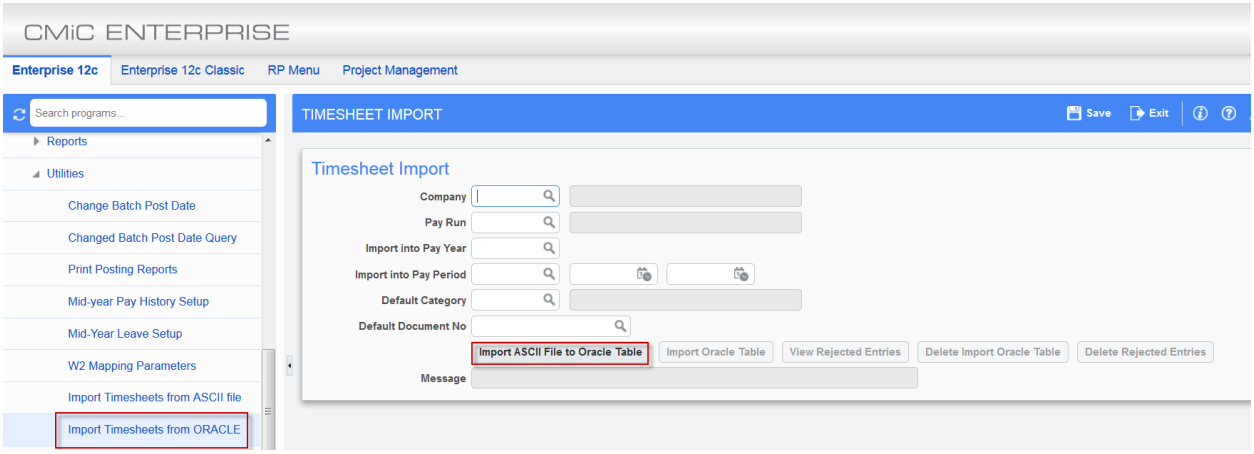
CMiC has made modifications to the Import Timesheet from Oracle Program, adding the WBS and PCI along with other additional columns in the utility. The import program is modified to add all WBS columns along with their validations. The import will ONLY consider WBS values provided in ASCII file when JOB information is available on the same line. If the WBS is not enabled on the JOB, the import routine will ignore all WBS data provided in the ASCII File. The CSV file format is also modified adding the new WBS columns at the end of the file. The Oracle Control File layout (**CTL File Template)** is also modified to reflect this change.

The rate is derived from the employee profile and these fields are now optional within the import. PCI value will be validated only, if entered. The import program will validate WBS entries.



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 new added fields below along with validations:

IMP_TSH_EXP_CODE ,

IMP_TSH_EXP_QUANTITY ,

IMP_TSH_EXP_RATE ,

IMP_TSH_EXP_AMOUNT ,

IMP_TSH_WBSV_CODE1,

IMP_TSH_WBSV_CODE2,

IMP_TSH_WBSV_CODE3,

IMP_TSH_WBSV_CODE4,

IMP_TSH_WBSV_PCI_LINE_ORASEQ,

IMP_TSH_OVERRIDE_REF_CODE,

IMP_TSH_OVERRIDE_REF_DES ,

IMP_TSH_PRIOR_PERIOD_FLAG,

IMP_TSH_ACTUAL_WORK_DATE),

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 ‘Actual’ type, on the expense master setup, then the import program will consider the EXP_QTY and EXP_AMT, and the EXP_RATE, specially for the Expense that is not setup as Actual. 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 ASCII file imported must be comma delimited and match the order below.

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_SECTOR_CODE		
27	IMP_TSH_SCHEDULE_CODE		
28	IMP_TSH_EXP_CODE	VARCHAR2(4)	
29	IMP_TSH_EXP_QUANTITY	NUMBER (16,8)	
30	IMP_TSH_EXP_RATE		
31	IMP_TSH_EXP_AMOUNT		
32	IMP_TSH_WBSV_CODE1	VARCHAR2 (10)	Required, if enabled on Job
33	IMP_TSH_WBSV_CODE2	VARCHAR2 (10)	Required, if enabled on Job
34	IMP_TSH_WBSV_CODE3	VARCHAR2 (10)	Required, if enabled on Job

35	IMP_TSH_WBSV_CODE4	VARCHAR2 (10)	Required, if enabled on Job
36	IMP_TSH_WBSV_PCI_LINE_ORASEQ	NUMBER (16,8)	Required, if enabled on Job
37	IMP_TSH_OVERRIDE_REF_CODE		
38	IMP_TSH_OVERRIDE_REF_DESC		
39	IMP_TSH_PRIOR_PERIOD_FLAG		
40	IMP_TSH_ACTUAL_WORK_DATE DATE 'DD-MON-YYYY'		

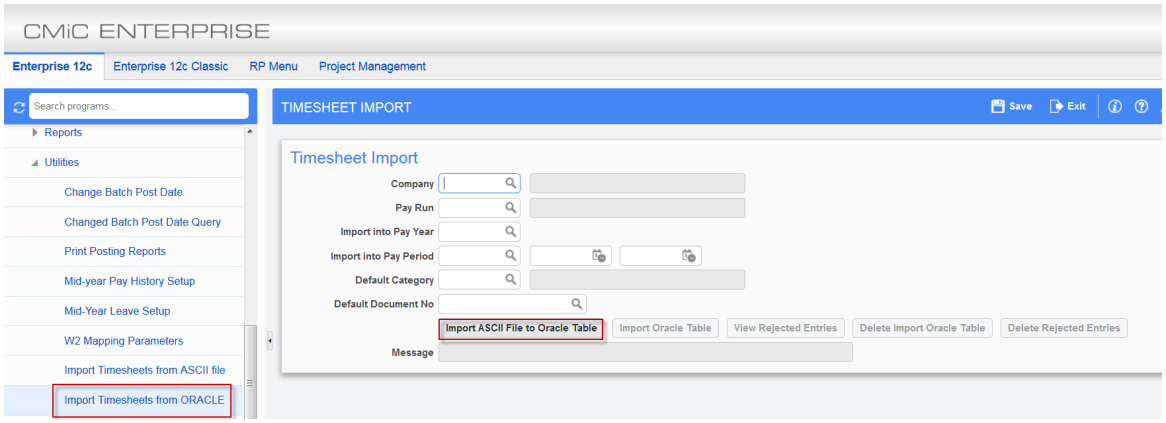
[**Import Oracle Table**] – Button

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 new added field/columns for WBS and PCI. The Import Timesheets from Oracle program is modified to validate these 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.

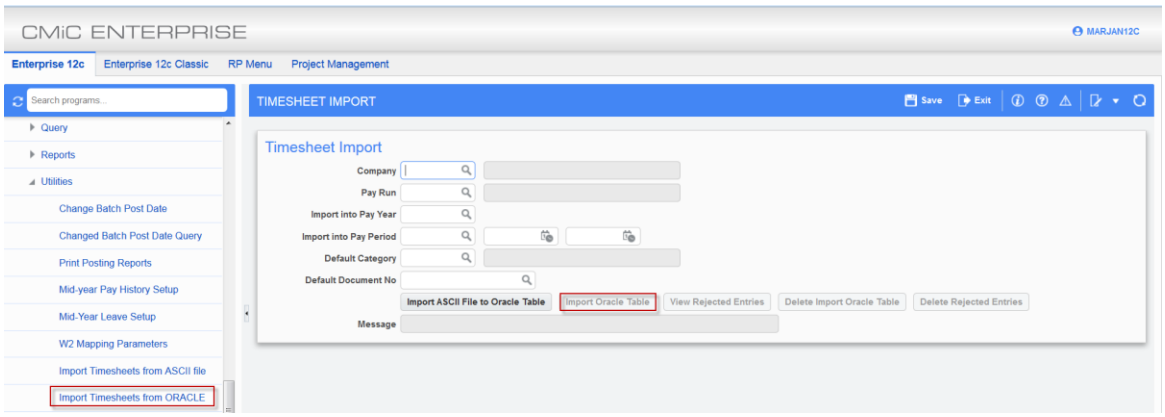


Step 2

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.



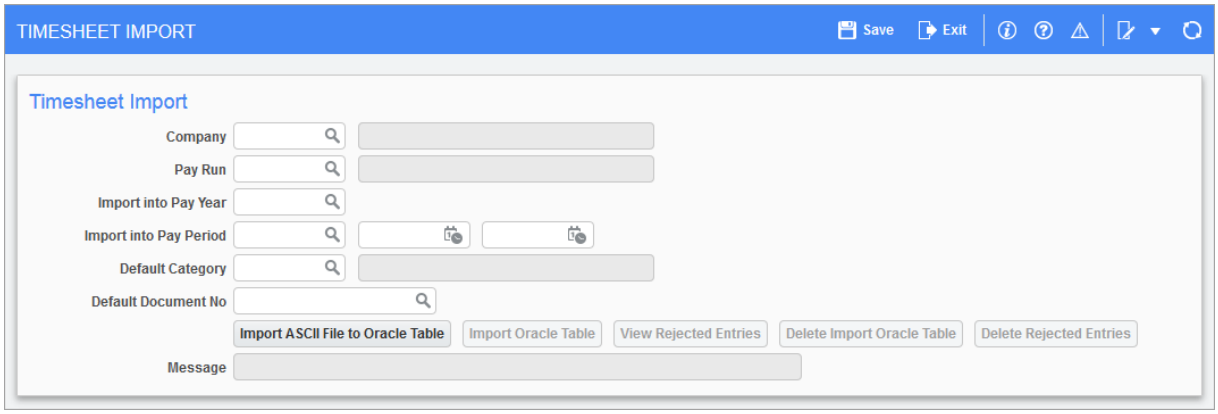
Step 3

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 with the Error reason.

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

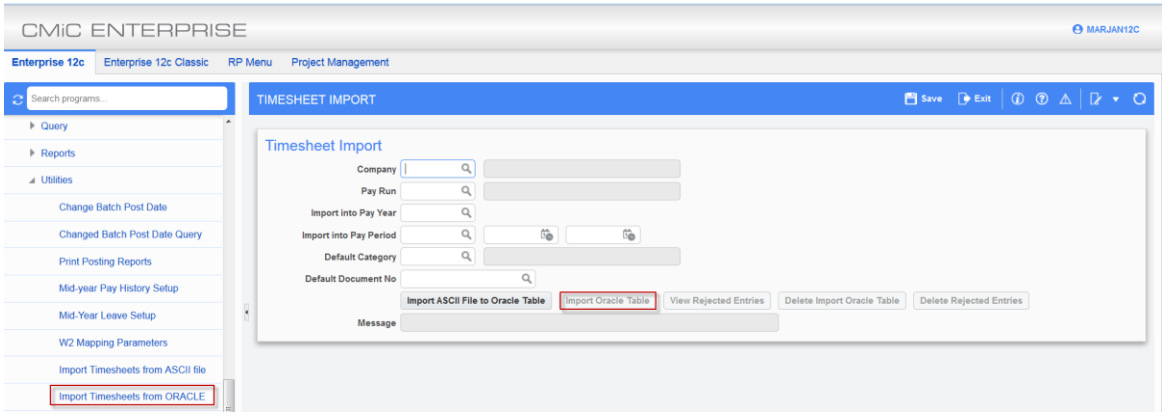
Default Category

Enter default Category to be used with Job and Phase, if Category is NOT imported with timesheets.

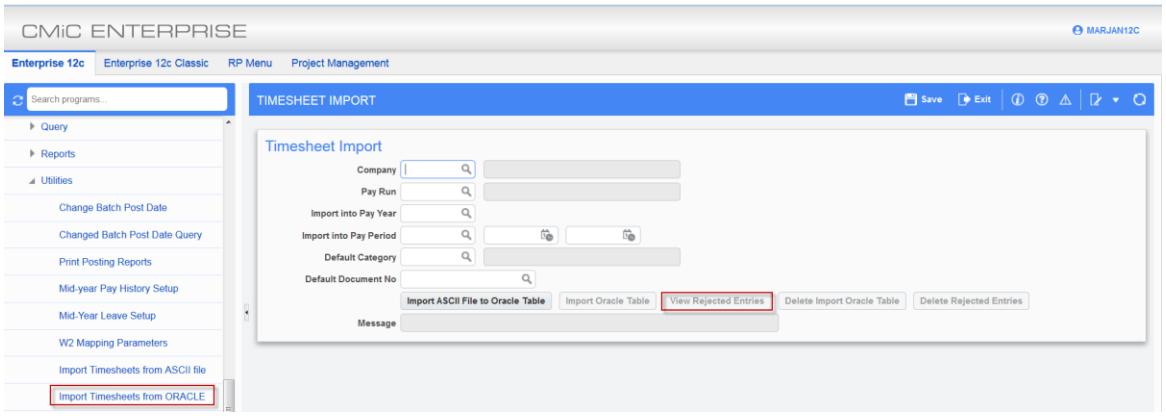
Default Document No

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.

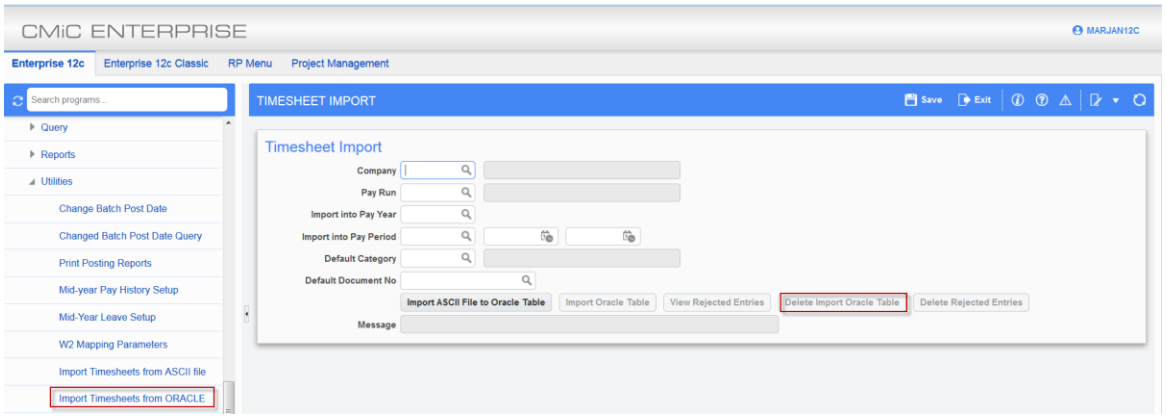


The rejected entries can be corrected via the [**View Rejected Entries**] button's popup, and once corrected, the import process can be retried for these entries via the popup's [**Import**] button.

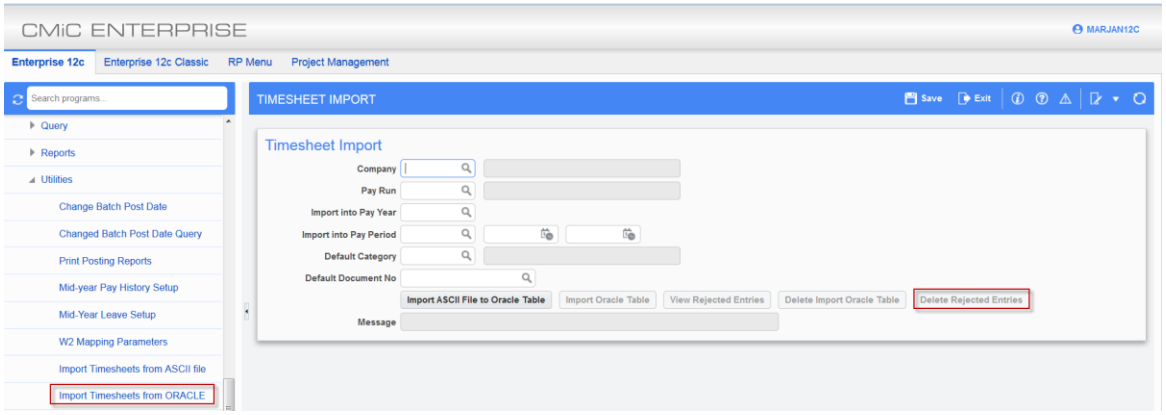
The [**View Rejected Entries**] button opens a screen with rejected entries where user can edit the data until all record(s) are valid. When the record(s) are rectified and valid, select the Import button on the Rejected Timesheet(s) Entries screen to import the corrected entry record and insert into the timesheet.

Once, the record is corrected, user saves and selects the Import Button to import the corrected record.

[Delete Import Oracle Table] – Button



The [**Delete Import Oracle Table**] button deletes imported timesheet data from the Import table PYEMPTIMSHT_IMP.



The [**Delete Rejected Entries**] button deletes the rejected entries from the import.

Import Scenario – Prior Period Flag and Actual Work Date

Scenario with importing values for IMP_TSH_PRIOR_PERIOD_FLAG and IMP_TSH_ACTUAL_WORK_DATE DATE 'DD-MON-YYYY'. This is used when making a correction to a date in a prior period. If the value for this Prior Period flag field is inserted as Y then, it will allow user to put in the prior period date and the time posts to that prior period reference date instead of the date in the current period.

IMP_TSH_PRIOR_PERIOD_FLAG,

IMP_TSH_ACTUAL_WORK_DATE),

NOTE: For IMP_TSH_PRIOR_PERIOD_FLAG: User should enter a value of Y or N. If a value of Y is entered on the ASCII file, the import program will recognize it as Checked for Prior Period Flag in the timesheet. For IMP_TSH_ACTUAL WORK_DATE field : The Actual Work Date for prior period must be before current period start date.

Import File Fields – CTL File Template Changes

The Ascii to Oracle Import program template now has the following new added fields:

The WBS fields and PCI field may be left blank if not applicable for the timesheet line, but the comma after each should be there.

IMP_TSH_EXP_CODE ,

IMP_TSH_EXP_QUANTITY ,

IMP_TSH_EXP_RATE ,

IMP_TSH_EXP_AMOUNT ,

IMP_TSH_WBSV_CODE1,

IMP_TSH_WBSV_CODE2,

IMP_TSH_WBSV_CODE3,

IMP_TSH_WBSV_CODE4,

IMP_TSH_WBSV_PCI_LINE_ORASEQ,

IMP_TSH_OVERRIDE_REF_CODE,

IMP_TSH_OVERRIDE_REF_DES ,

IMP_TSH_PRIOR_PERIOD_FLAG,

IMP_TSH_ACTUAL_WORK_DATE),

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

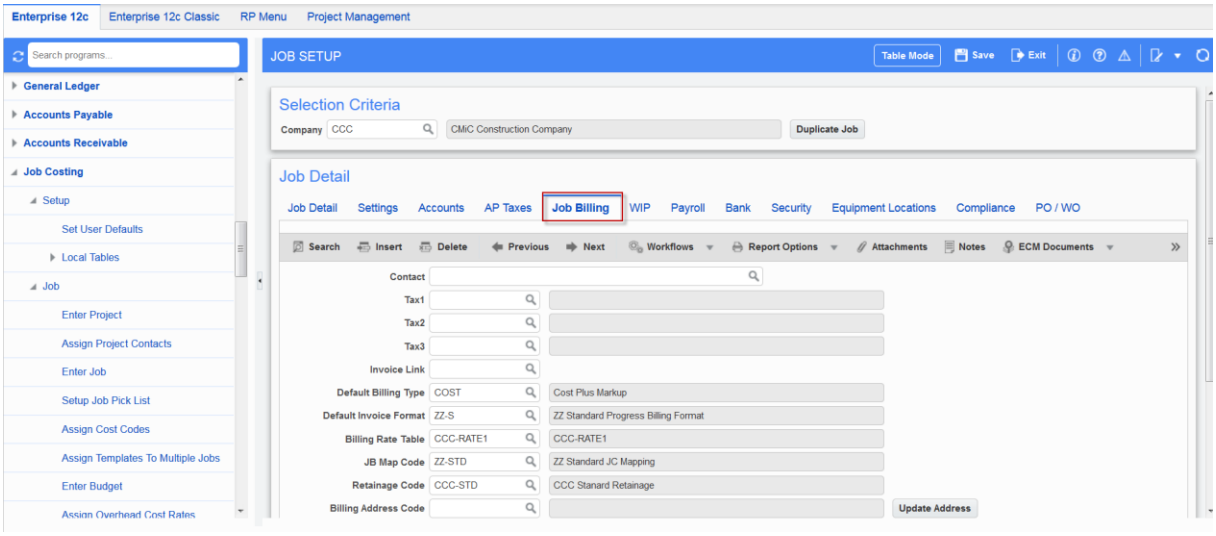
Other Hours	Number of Other Hours for timesheet – leave blank if not applicable	See NOTE 1	Number	16,8
Other Hours Type	The type of Other Hours - must be a valid Other Hour Code in CMiC	Yes, if Other Hours are entered	Varchar2	4
Company	Company handling Job	Yes	Varchar2	8
Department	This is the Dept 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

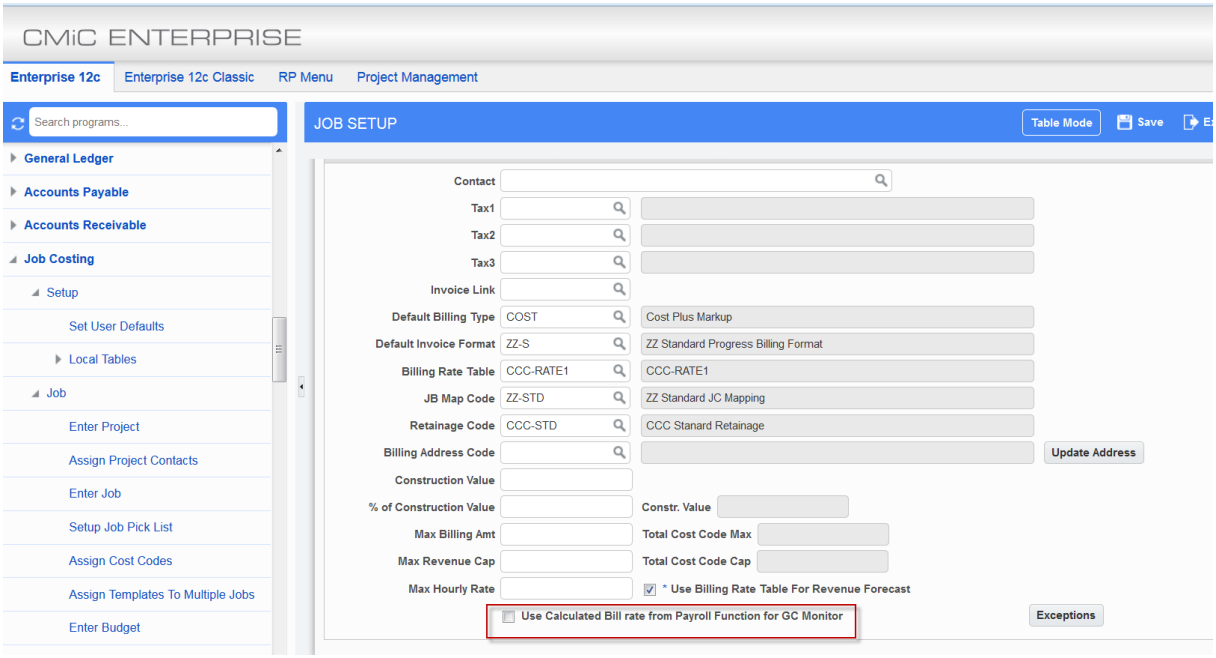
Normal Hours Rate	Normal Hours Rate	No	Number	16,8
Over Time Rate	Over Time Rate	No	Number	16,8
Double Time Rate	Double Time Rate	No	Number	16,8
Other Hour Rate	Other Hour Rate	No	Number	16,8
Sector Code	Sector Code			
Schedule Code	Schedule Code			
Expense Code	Expense Code	No	Varchar2	4
Expense QTY	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
Expense Rate	Expense Rate			
Expense Amount	Expense Amount			
WBSV Code 1	WBS Code 1	Yes, if enabled on Job.	Varchar2	10
WBSV Code 2	WBS Code 2	Yes, if enabled on Job.	Varchar2	10
WBSV Code 3	WBS Code 3	Yes, if enabled on Job.	Varchar2	10
WBSV Code 4	WBS Code 4	Yes, if enabled on Job.	Varchar2	10
WBSV PCI ORASEQ	PCI	Yes, if enabled on Job.	Number	16,8
Override Reference Code	Override Reference Code			
Override Reference Description	Override Reference Description			
Prior Period Flag	Prior Period Flag			
Actual Work Date 'DD-MON-YYYY'	Actual Work Date 'DD-MON-YYYY'			

Revenue Billing Rate Calculation – GC Monitor Template (17.38407)

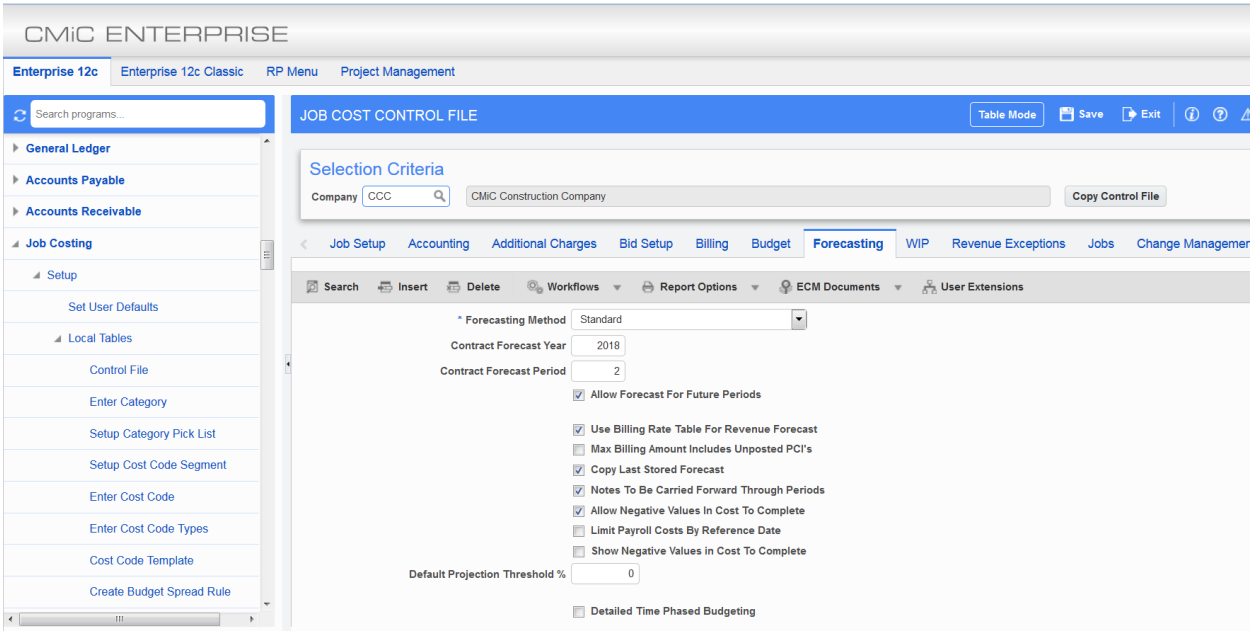
To obtain the calculated bill rate by the payroll function instead of getting from Job Billing Rate Table setup.

CMiC has modified and added a new flag on the JCJOB table for 'Use Calculated Bill rate from Payroll Function for GC Monitor'. When GC monitor requests bill rate with Job information, the system will look at the New flag and determine to use the calculated bill rate from the payroll forecasting function or use the bill rate from Job Billing rate table.



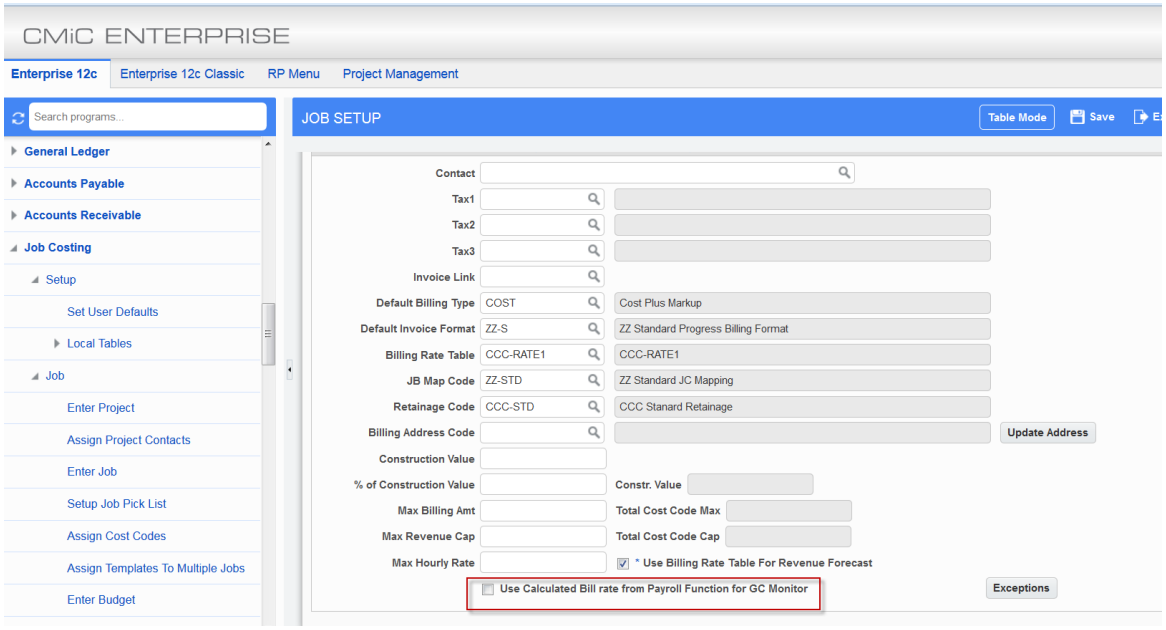


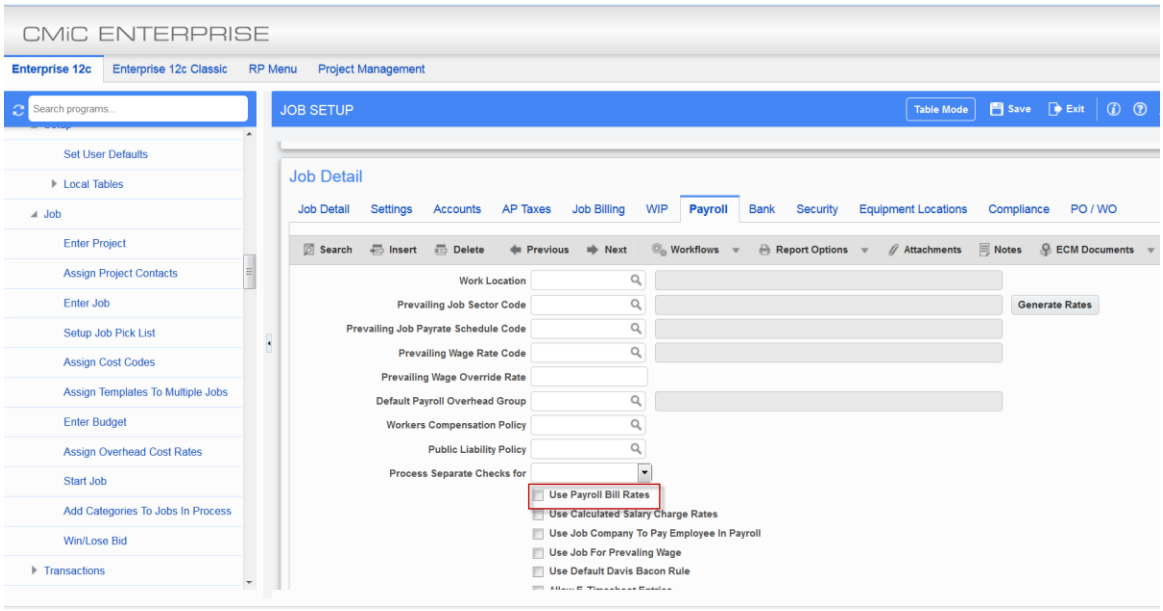
Functionality



Scenario A:

Existing functionality using Job Billing Rate. If user does not check Use Payroll Bill Rate, and does not check/enable the new flag 'Use Calculated Bill Rate From Payroll Function For GC Monitor' under the Job Billing Tab, then GC Monitor will determine to use the calculated bill rate from Job Billing rate Table instead of the payroll forecasting function.

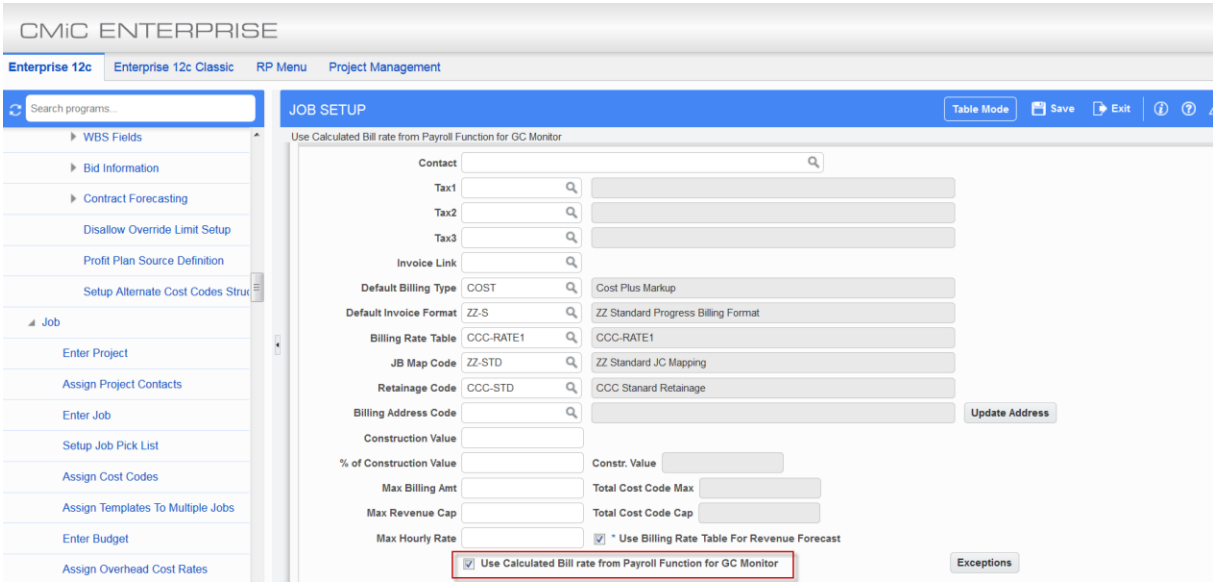


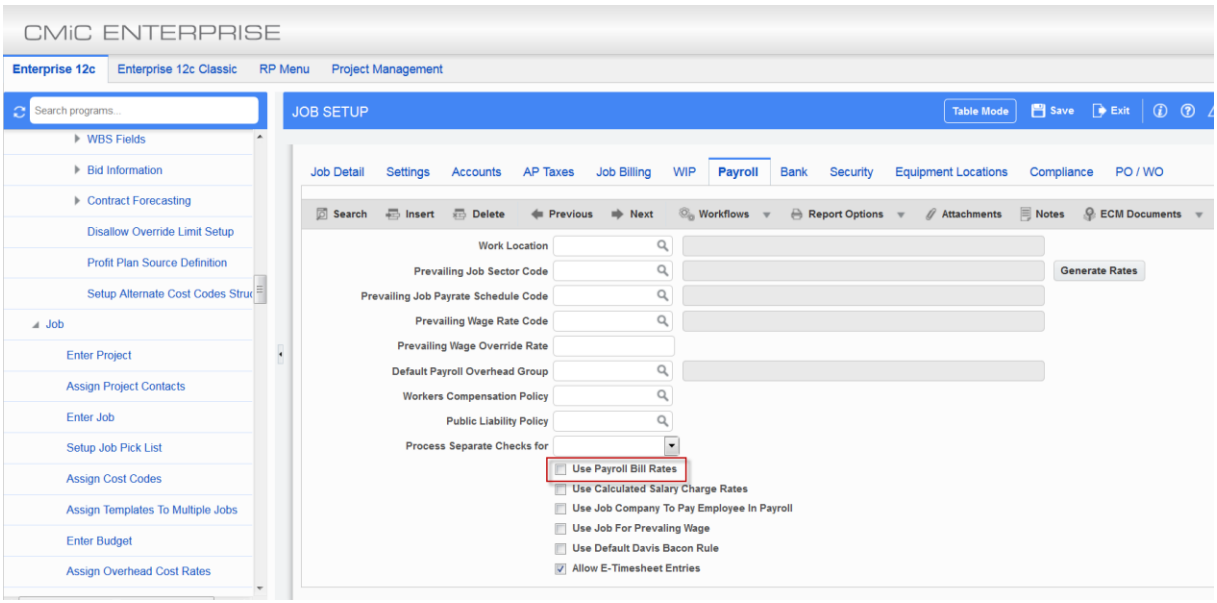


GC Monitor will use Job Bill Rates Table to multiply and get the Billing Rate

Scenario B:

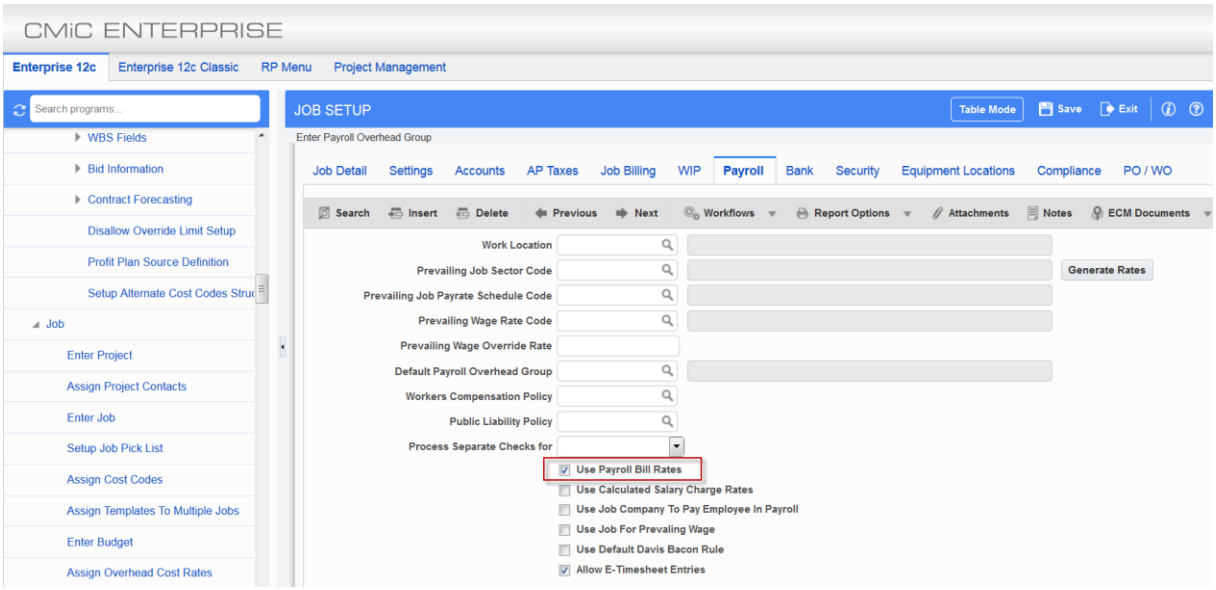
Modification and the new functionality - When the new flag ‘Use Calculated Bill Rate From Payroll Function For GC Monitor’ is Checked and enabled on the Job Setup under Job Billing Tab, then GC Monitor will determine to use the calculated bill rate from the payroll forecasting function and ignore using the Job Bill Rate from Job Billing rate table.

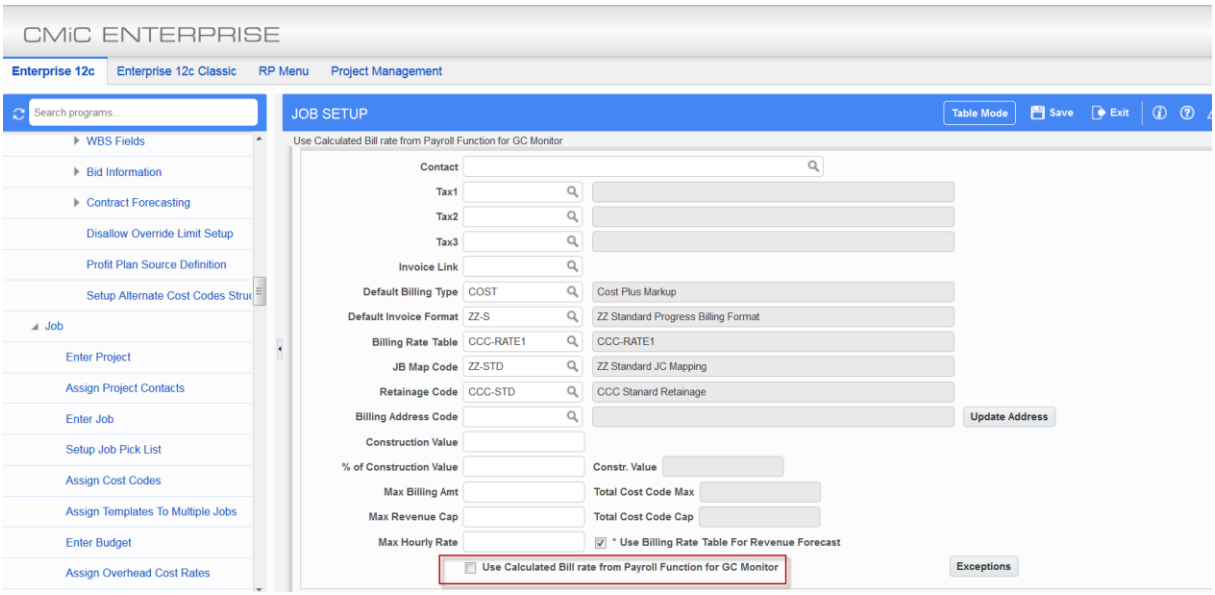




Scenario C:

If user chooses to only check the flag for Use Payroll Bill Rates, without checking the new flag for Use Calculated Bill Rate from Payroll Function' under Job Billing Tab, then GC Monitor will calculate the Bill Rates using the Payroll Bill Rates as per specified setup for the employee.





In this case GC Monitor should calculate the Bill Rates for employee as per employee profile preferred rate setup.

E-Time Audit Flag Trigger (17.45331)

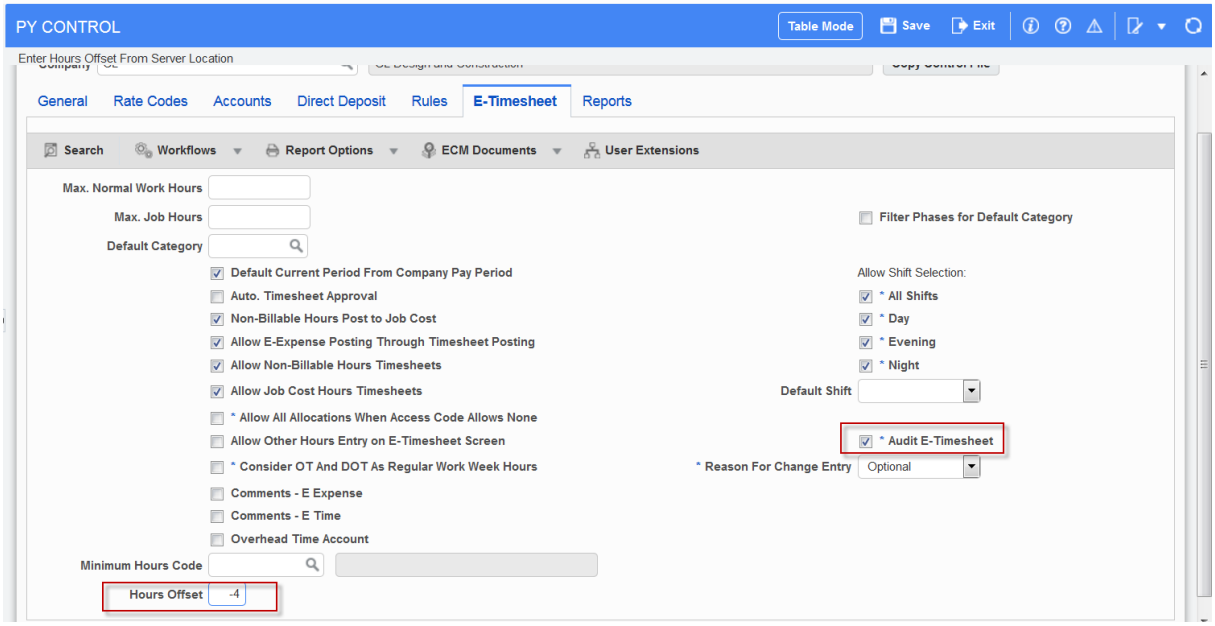
CMiC has modified Company Control Screen to add this flexible time functionality. A new column will be added in E-Timesheet Tab to give an option to set a 'Time' to allow users to enter E-Timesheet Entry.

Furthermore, existing trigger/functionality will also be modified to allow users to enter E-timesheet data as per new setup.

A new field is added in PY Control named 'Hours Offset from Server Location'. System will utilize this field to check E -Timesheet in JSP program to control time of E-Timesheet Entry.

User needs to enter the number of hour offset from the server in this field on the Company Control. E-Timesheet JSP program is also modified to allow users to enter timesheet based on offset hour settings on the Company Control.

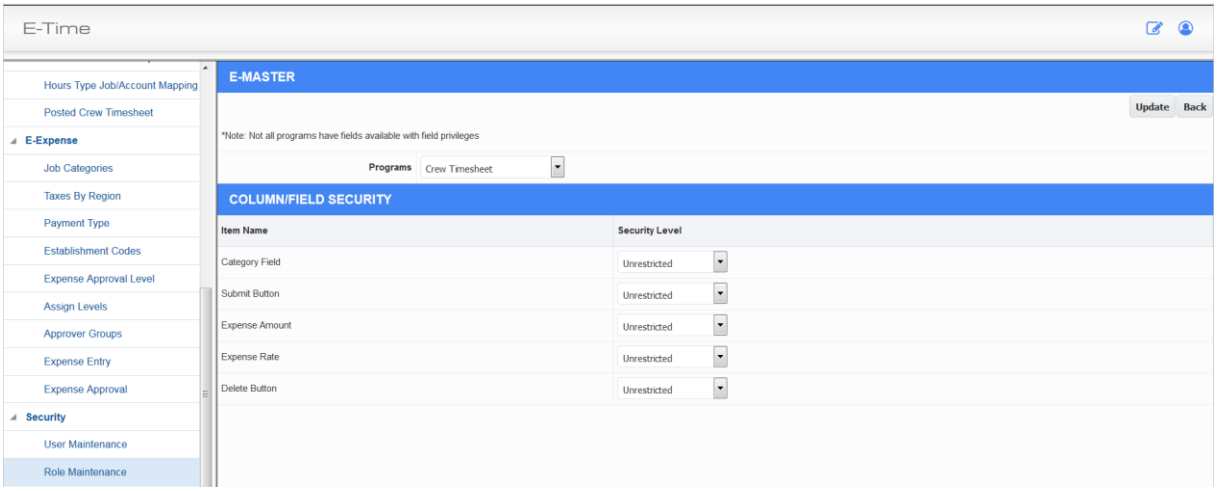
Example: If your E-Timesheets become available at midnight 12:00 AM, and you would like to change time to 8:00 PM (which is 4 hours earlier), then user should enter -4 (negative 4) to apply the 4 hour early timing.



Expense Rate & Amount Field Security (17.45308)

Modification to hide expense rate and amount fields on Crew Timesheet.

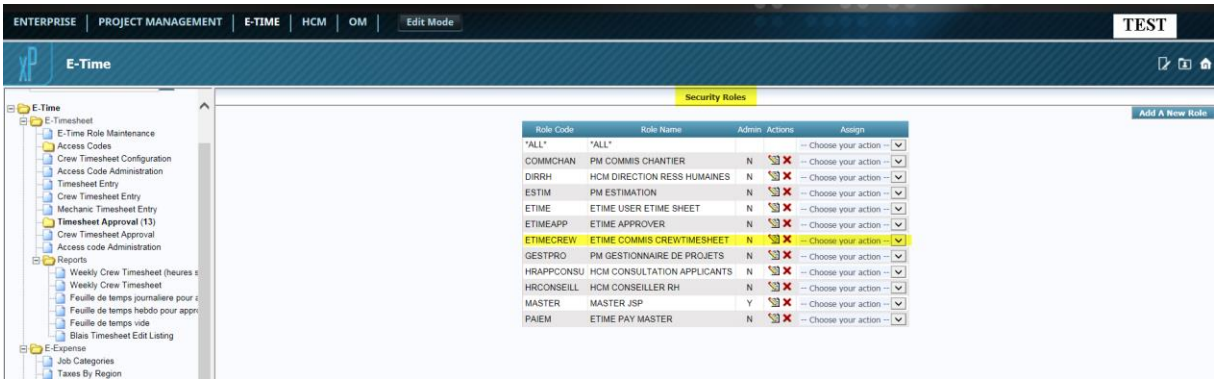
CMiC has implemented field security on expense rate and amount columns. User can then apply field security based on roles.

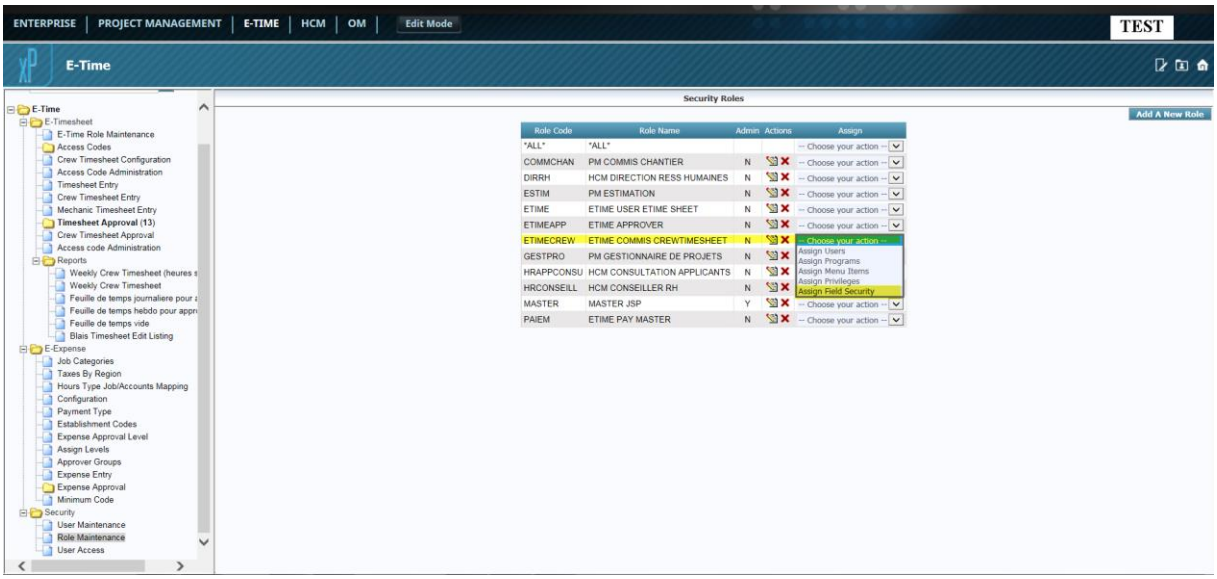


Crew Timesheet without expense rate and amount field prior to assigning Field Security under Security and Role Maintenance. The Expense Rate and Amount fields are visible and displayed on the crew timesheet entry screen for E Crew Time Paymaster.

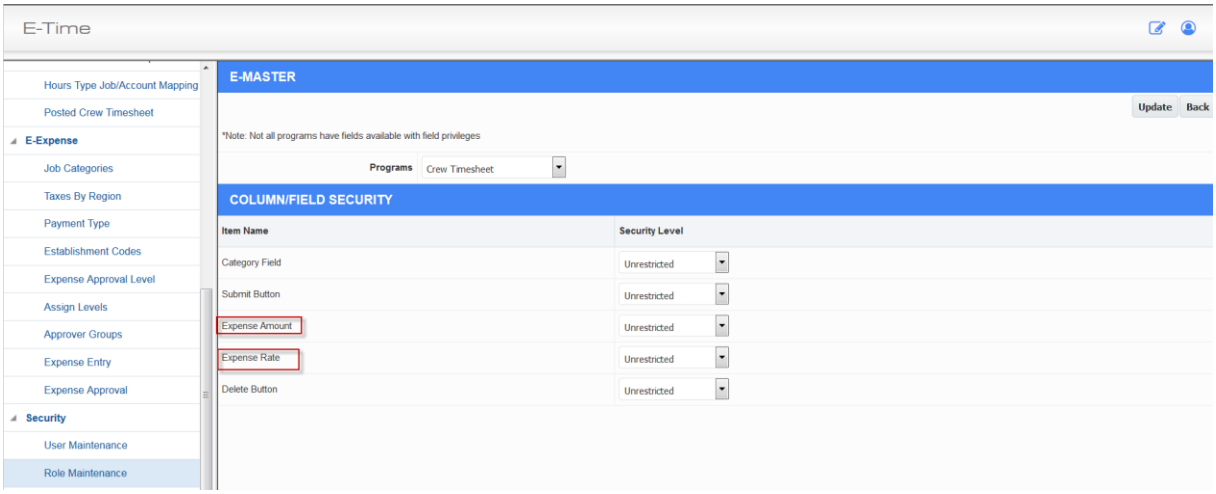
Assiging Field Security to Roles. Select Role Maintenance under Security. Select the Role that requires field security for Crew Timesheet Expense Rate and Amount.

Role Maintenance





Select Program ‘Crew Timesheet’ and change Field Security for Expense Amount and Expense Rate field from Unrestricted to Hidden.



Once you have assigned the field security to the Role, the user with Role is unable to see the fields for Expense Rate and Amount. These two fields will be hidden and not displayed on the Crew Timesheet Entry Screen.

Employee Re-Numbering & associated Benefits/Deductions (17.44747)

Modifications made for using the Employee Re-Numbering utility. System will also renumber associated records for employee level benefits and deductions and loans and advances.

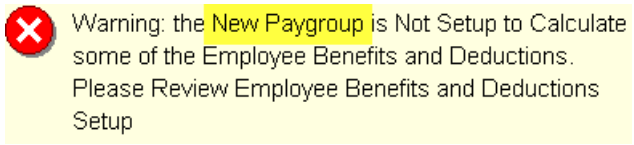
CMiC has made the following modifications:

Employee History screen to show a new popup if the user changes Employee's Pay Group or Pay Run values. This new popup will ask if user also want to transfer Benefit/Deduction from the old Pay Group/Pay Run to the NEW Pay Group or Pay Run.

The program will ONLY transfer all benefit/deduction assigned at the employee level. If user selects 'OK', then the Employee's Benefit and Deduction setup will transfer on employee level with the new Pay Group/Pay Run.

Programming Logic: It will transverse and go thru every Benefit Setup for this Employee.
PAY GROUP Change Conditions: If the Benefit/Deduction is Setup exists at the Company level with this New Pay Group or ALL or NONE, Then, OK, No Action is Needed, since the Employee Benefit Setup has no Pay Group Attribute. The Benefit/Deduction records will be transferred to the new Pay Group assigned at Employee level.

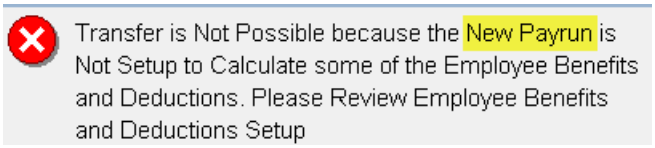
If the Benet/Deduction does not exist at the Company Level with this New Pay Group or ALL or NONE, then, display the following Warning Message in a Pop-Up.
If OK is selected, Employee Pay Group is changed; but Employee will not be paid the Benefit in next Payroll, unless the Benefit is setup in the New Pay Group before next Payroll processing.



PAY RUN Change Conditions**:** If the Benefit/Deduction is Setup exists at the Company level with this New Pay (Go thru every Benefit/Deduction Setup for this Employee Where Pay Run = Old Pay Run). Then, OK, Update this Employee Benefit/Deduction Setup from Old Pay Run to New Pay Run. The Benefit/Deduction records will be transferred to the new Pay Run assigned at Employee level.

If the Benefit/Deduction does not exist at the Company Level with this New Pay Run, then, display the following Warning Message in a Pop-Up.

If OK is selected, Employee Pay Run is changed; but PYEMPBEN is not changed, and Employee will not be paid the Benefit/Deduction in next Payroll, unless the Benefit/Deduction is setup in the New Pay Run before next Payroll processing.



PY Positive Pay Format for CIBC Bank (19.71751)

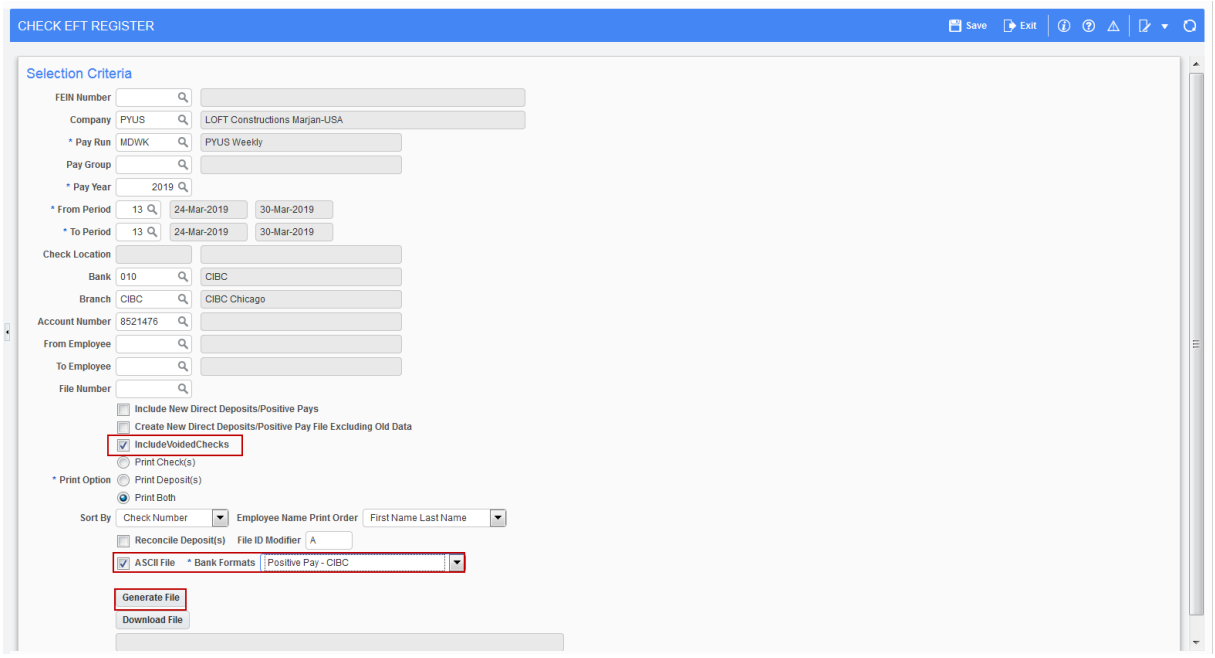
CMiC has added a new Positive Pay format for CIBC Bank in PY Check/EFT program. The ASCII File (CSV) is created as per CIBC Bank Positive Pay Specifications. The format is as per Standard Fixed Length File Format.

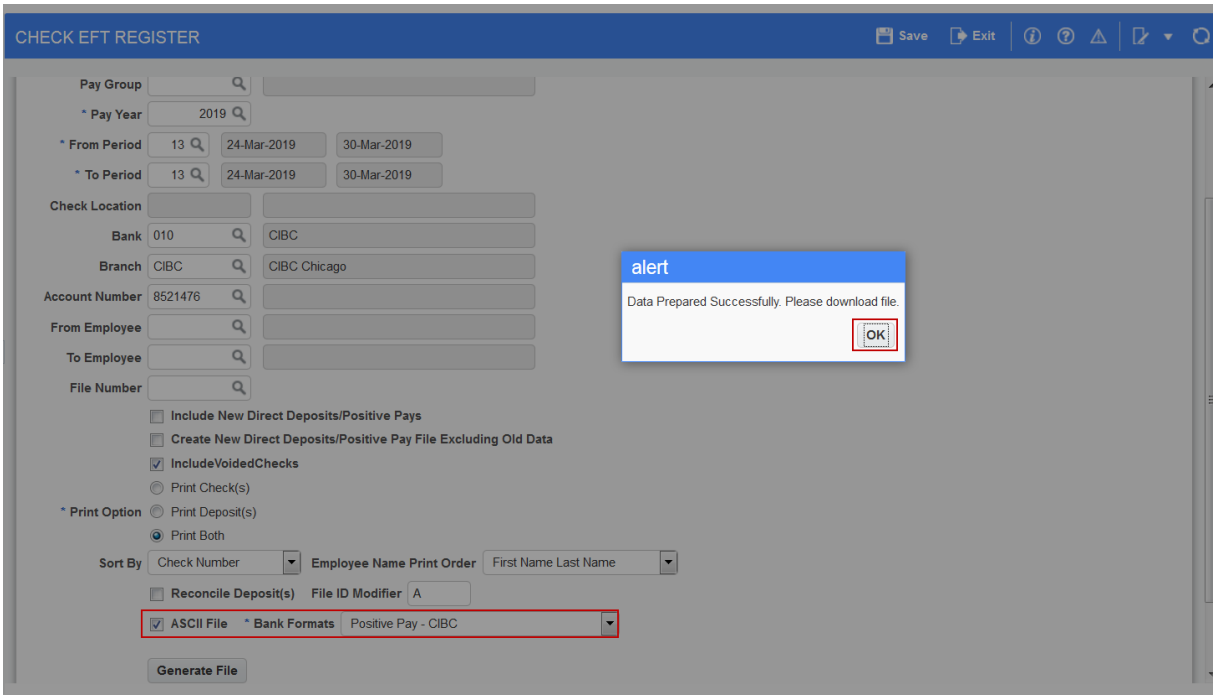
Pre-Requisites:

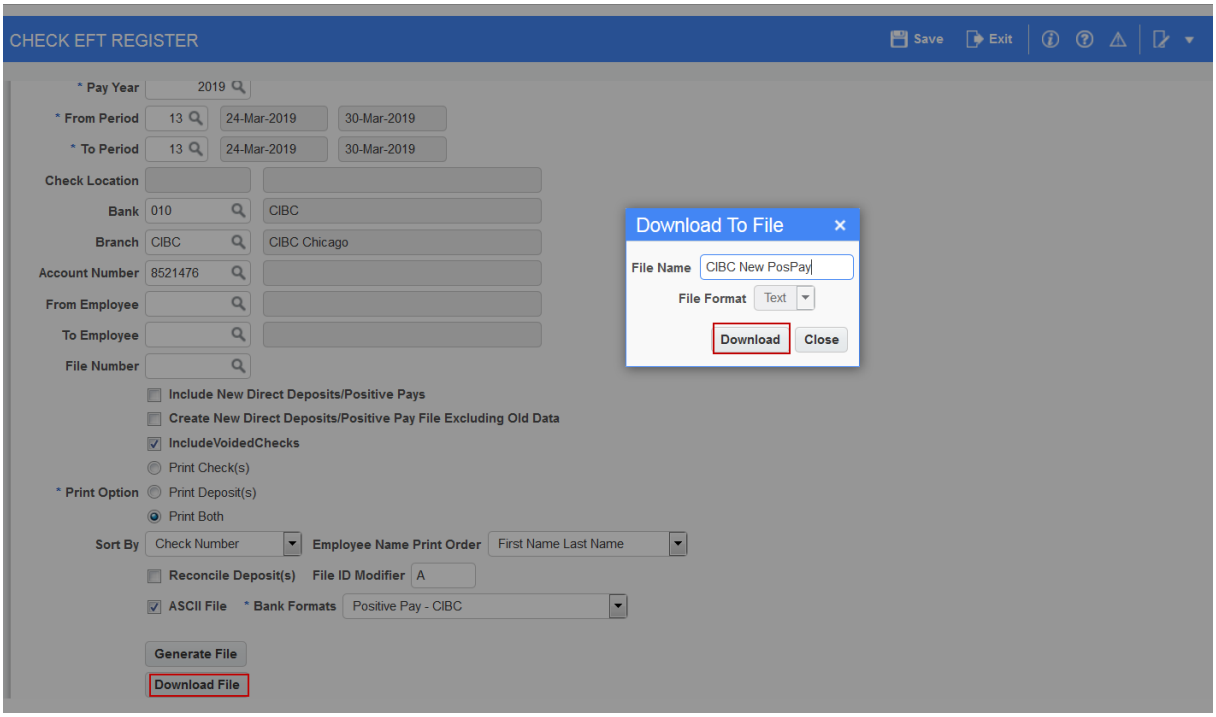
Customer should ensure to have their Banking Information and setup completed in CMiC System under Global Tables→ Banking Maintenance.

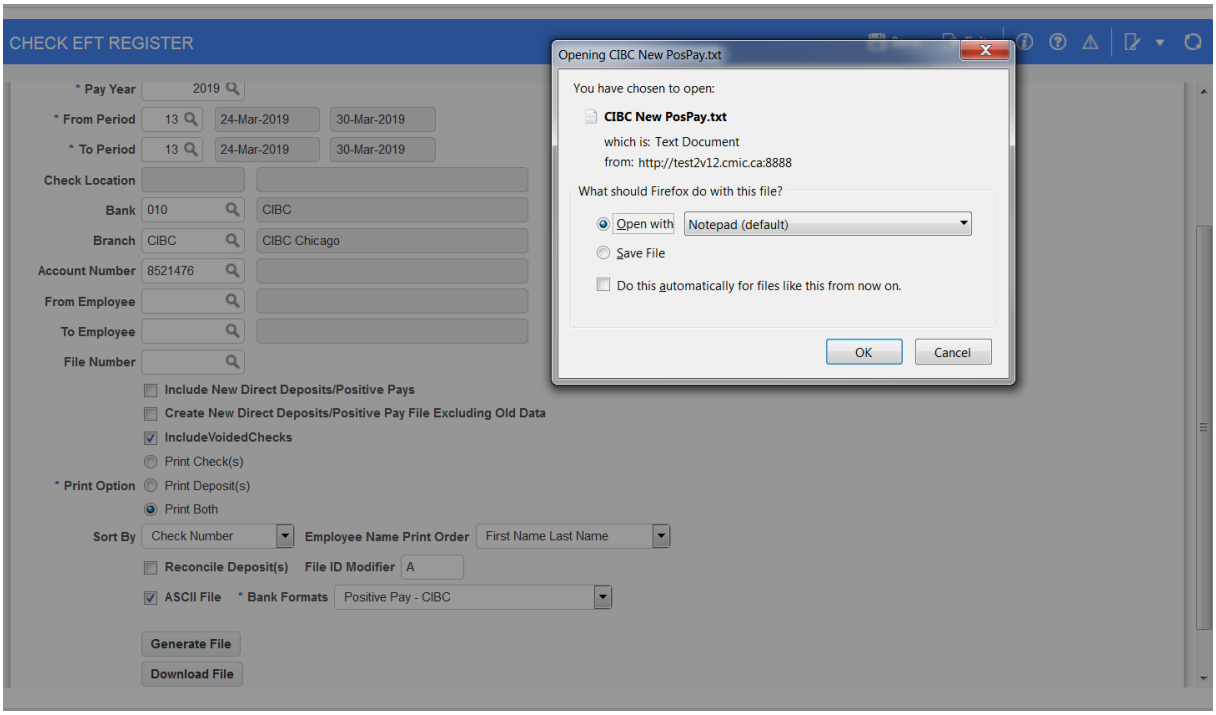
CMiC has added a new option/format in Check EFT Register (PY1081) Program to generate Positive Pay _CIBC Bank (CSV) file.

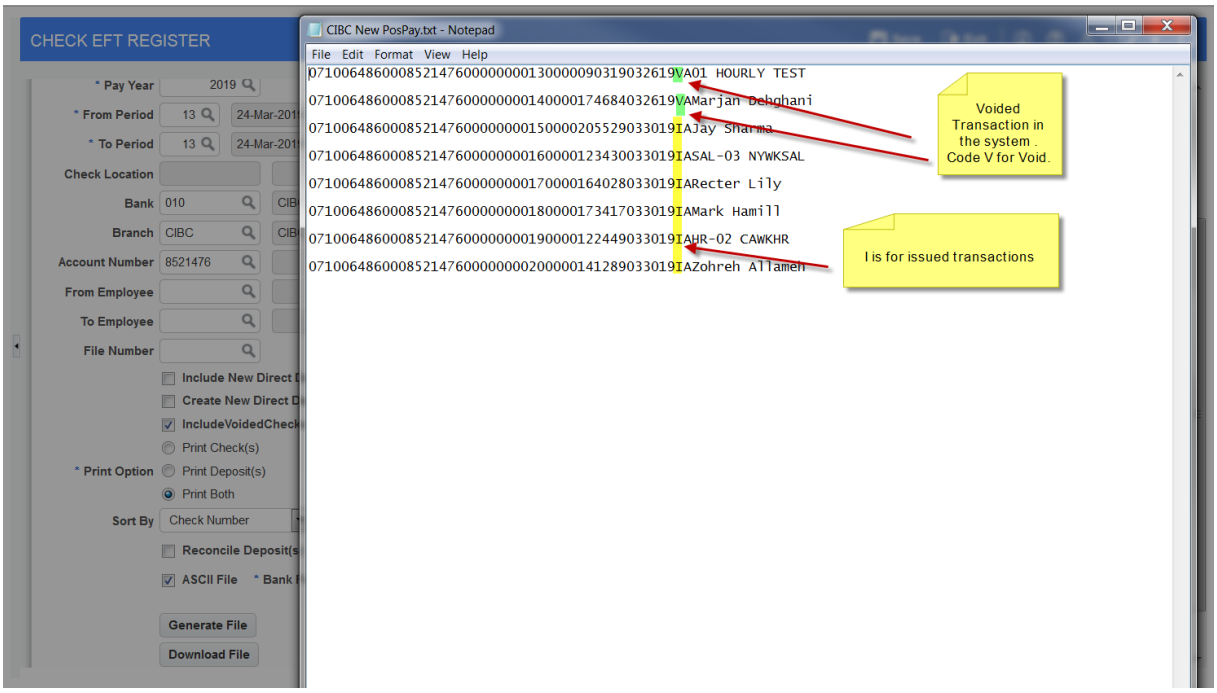
Process payroll and print checks. Under Processing > Reports > Check/EFT Register, select bank format: Positive Pay – CIBC (CSV) to prepare the data and download the file in Notepad.




CHECK EFT REGISTER
Save
Exit
Pay Group
* Pay Year 2019
* From Period 13 24-Mar-2019 30-Mar-2019
* To Period 13 24-Mar-2019 30-Mar-2019
Check Location
Bank 010 CIBC
Branch CIBC CIBC Chicago
Account Number 8521476
From Employee
To Employee
File Number
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 Positive Pay - CIBC
Generate File
alert
Data Prepared Successfully. Please download file.
OK

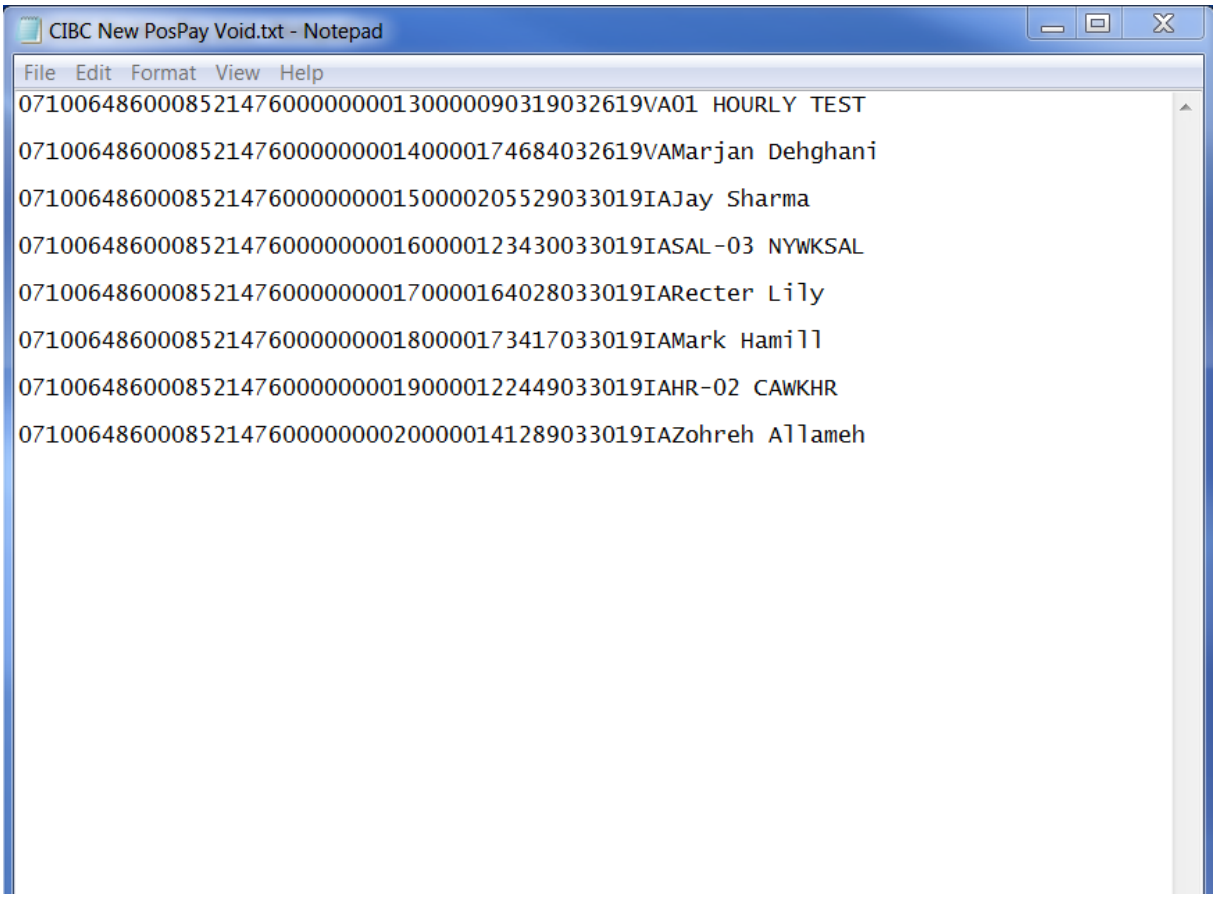

CHECK EFT REGISTER
Save
Exit
* Pay Year 2019
* From Period 13 24-Mar-2019 30-Mar-2019
* To Period 13 24-Mar-2019 30-Mar-2019
Check Location
Bank 010 CIBC
Branch CIBC CIBC Chicago
Account Number 8521476
From Employee
To Employee
File Number
Include New Direct Deposits/Positive Pays
Create New Direct Deposits/Positive 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 Positive Pay - CIBC
Generate File
Download File
Download To File
File Name CIBC New PosPay
File Format Text
Download
Close

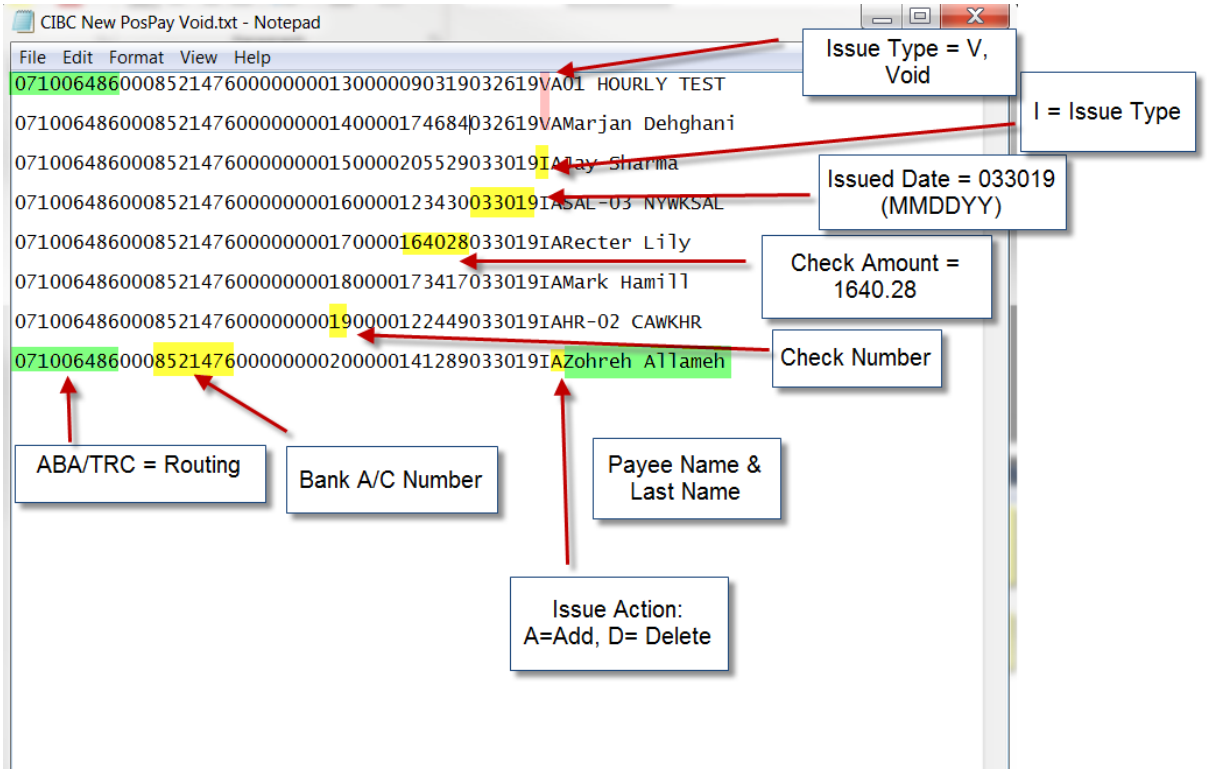


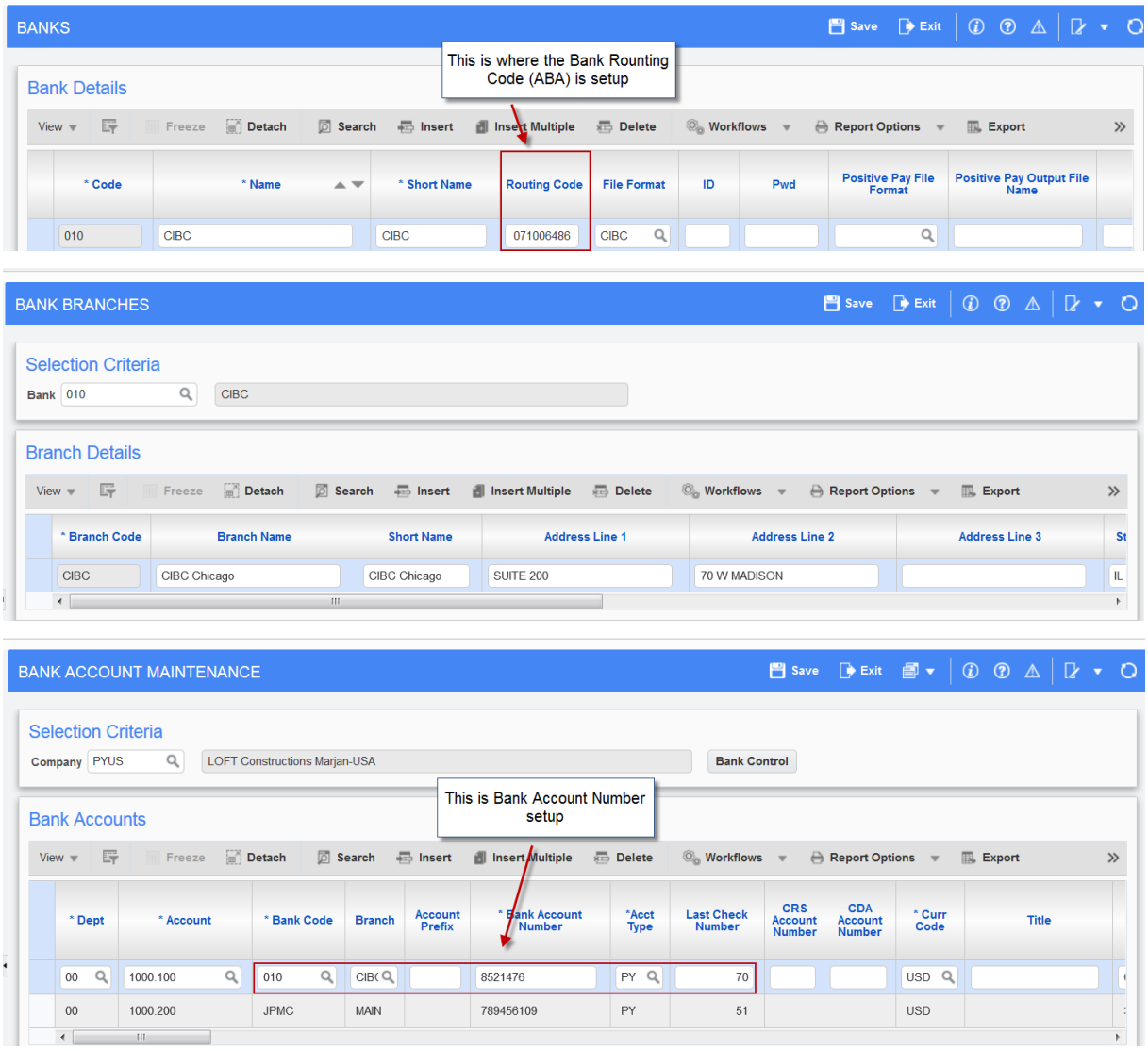


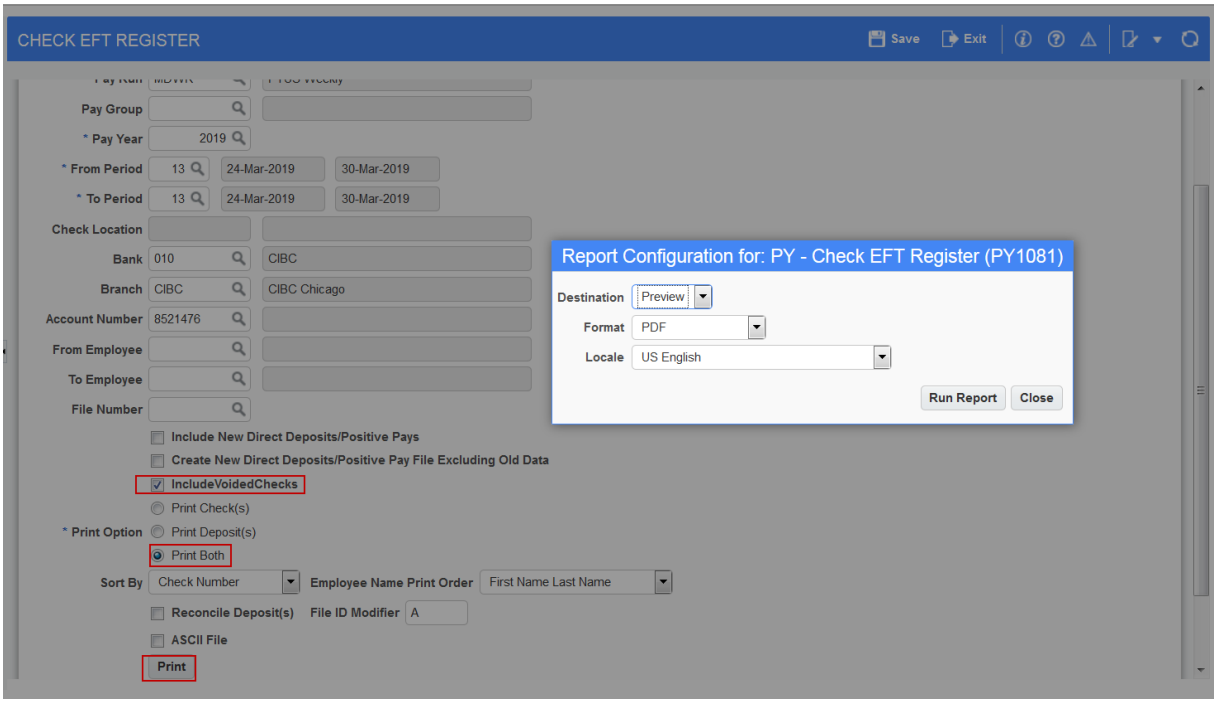
Check/EFT Register Program – PY1081

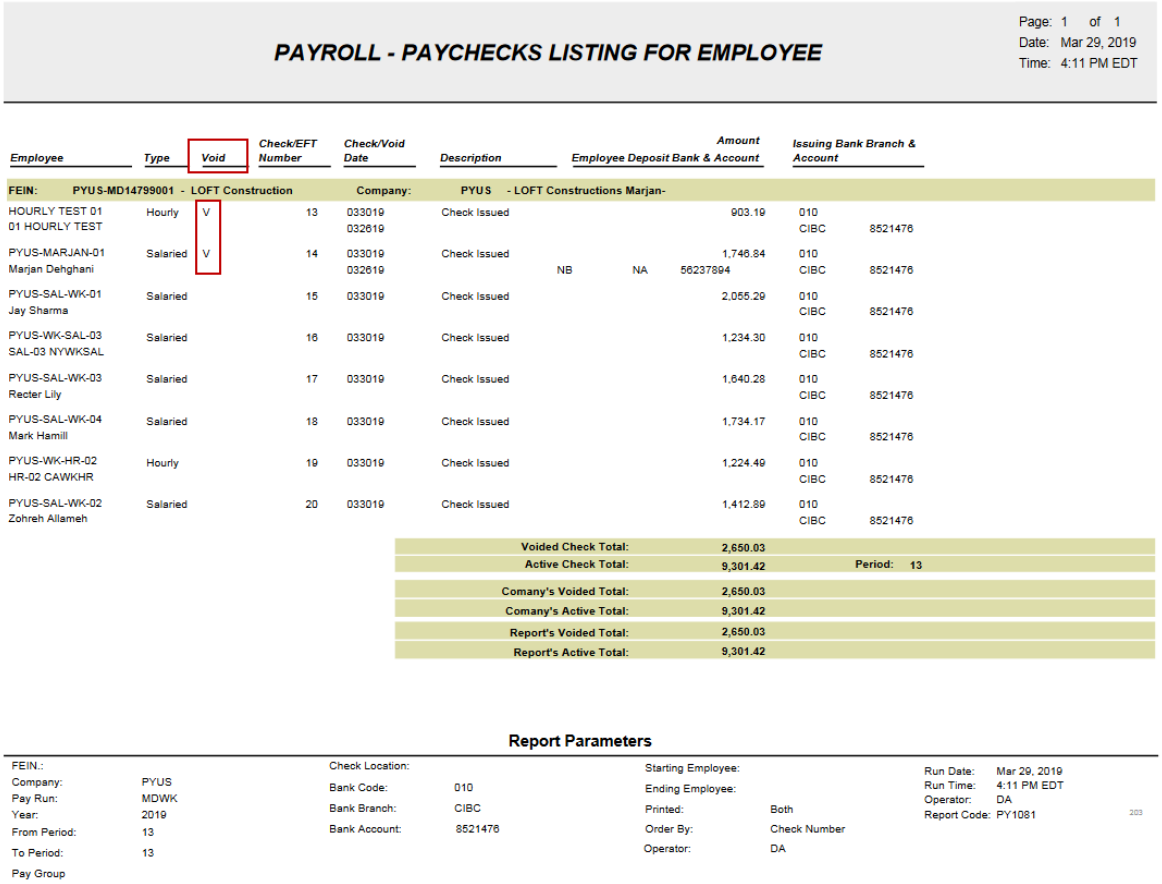
The Check / EFT Register will print a listing of all checks printed on a particular Pay Run for a given period and employee range. The Paychecks listing for Employee Report will print a listing of the checks and direct deposit payments made on a particular check run.


CIBC New PosPay Void.txt - Notepad
File Edit Format View Help
071006486000852147600000000130000090319032619VA01 HOURLY TEST
071006486000852147600000000140000174684032619VAMarjan Dehghani
071006486000852147600000000150000205529033019IAJay Sharma
071006486000852147600000000160000123430033019IASAL-03 NYWKSAL
071006486000852147600000000170000164028033019IARecter Lily
071006486000852147600000000180000173417033019IAMark Hamill
071006486000852147600000000190000122449033019IAHR-02 CAWKHR
071006486000852147600000000200000141289033019IAZohreh Allameh


CIBC New PosPay Void.txt - Notepad
File Edit Format View Help
071006486000852147600000000130000090319032619VA01 HOURLY TEST
071006486000852147600000000140000174684032619VAMarjan Dehghani
071006486000852147600000000150000205529033019IAJay Sharma
071006486000852147600000000160000123430033019IASAL-03 NYWKSAL
071006486000852147600000000170000164028033019IARecter Lily
071006486000852147600000000180000173417033019IAMark Hamill
071006486000852147600000000190000122449033019IAHR-02 CAWKHR
071006486000852147600000000200000141289033019IAZohreh Allameh
Issue Type = V, Void
I = Issue Type
Issued Date = 033019 (MMDDYY)
Check Amount = 1640.28
Check Number
ABA/TRC = Routing
Bank A/C Number
Payee Name & Last Name
Issue Action: A=Add, D= Delete


BANKS
Save
Exit
This is where the Bank Rounting Code (ABA) is setup
Bank Details
View
Freeze
Detach
Search
Insert
Insert Multiple
Delete
Workflows
Report Options
Export
* Code
* Name
* Short Name
Routing Code
File Format
ID
Pwd
Positive Pay File Format
Positive Pay Output File Name
010
CIBC
CIBC
071006486
CIBC
BANK BRANCHES
Save
Exit
Selection Criteria
Bank
010
CIBC
Branch Details
View
Freeze
Detach
Search
Insert
Insert Multiple
Delete
Workflows
Report Options
Export
* Branch Code
Branch Name
Short Name
Address Line 1
Address Line 2
Address Line 3
CIBC
CIBC Chicago
CIBC Chicago
SUITE 200
70 W MADISON
BANK ACCOUNT MAINTENANCE
Save
Exit
Selection Criteria
Company
PYUS
LOFT Constructions Marjan-USA
Bank Control
This is Bank Account Number setup
Bank Accounts
View
Freeze
Detach
Search
Insert
Insert Multiple
Delete
Workflows
Report Options
Export
* Dept
* Account
* Bank Code
Branch
Account Prefix
* Bank Account Number
*Acct Type
Last Check Number
CRS Account Number
CDA Account Number
* Curr Code
Title
00
1000.100
010
CIBC
8521476
PY
70
USD
00
1000.200
JPMC
MAIN
789456109
PY
51
USD





PAYROLL - PAYCHECKS LISTING FOR EMPLOYEE

Page: 1 of 1
Date: Mar 29, 2019
Time: 4:11 PM EDT

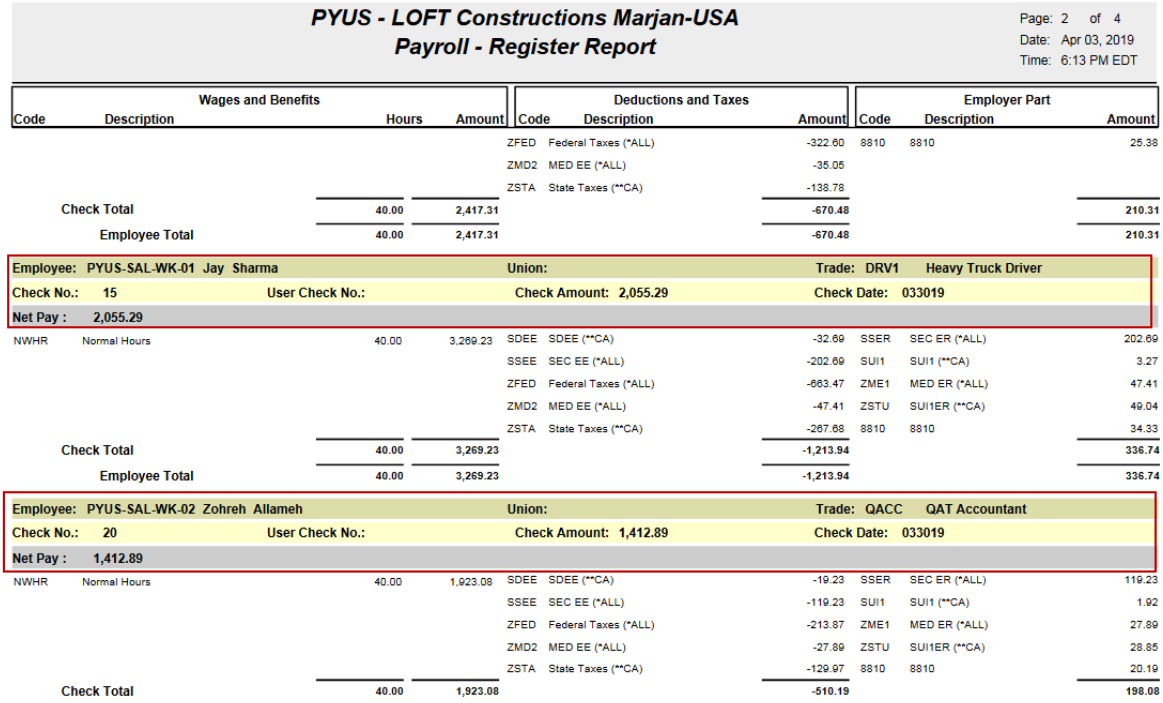
Employee	Type	Void	Check/EFT Number	Check/Void Date	Description	Employee Deposit Bank & Account			Amount	Issuing Bank Branch & Account	
FEIN: PYUS-MD14799001 - LOFT Construction				Company:	PYUS - LOFT Constructions Marjan-						
HOURLY TEST 01 01 HOURLY TEST	Hourly	V	13	033019 032619	Check Issued				903.19	010 CIBC	8521476
PYUS-MARJAN-01 Marjan Dehghani	Salaried	V	14	033019 032619	Check Issued	NB	NA	56237894	1,746.84	010 CIBC	8521476
PYUS-SAL-WK-01 Jay Sharma	Salaried		15	033019	Check Issued				2,055.29	010 CIBC	8521476
PYUS-WK-SAL-03 SAL-03 NYWKSAL	Salaried		16	033019	Check Issued				1,234.30	010 CIBC	8521476
PYUS-SAL-WK-03 Recter Lily	Salaried		17	033019	Check Issued				1,640.28	010 CIBC	8521476
PYUS-SAL-WK-04 Mark Hamill	Salaried		18	033019	Check Issued				1,734.17	010 CIBC	8521476
PYUS-WK-HR-02 HR-02 CAWKHR	Hourly		19	033019	Check Issued				1,224.49	010 CIBC	8521476
PYUS-SAL-WK-02 Zohreh Allameh	Salaried		20	033019	Check Issued				1,412.89	010 CIBC	8521476

Voided Check Total:	2,650.03	
Active Check Total:	9,301.42	Period: 13
Comany's Voided Total:	2,650.03	
Comany's Active Total:	9,301.42	
Report's Voided Total:	2,650.03	
Report's Active Total:	9,301.42	

Report Parameters

FEIN.:		Check Location:		Starting Employee:		Run Date:	Mar 29, 2019
Company:	PYUS	Bank Code:	010	Ending Employee:		Run Time:	4:11 PM EDT
Pay Run:	MDWK	Bank Branch:	CIBC	Printed:	Both	Operator:	DA
Year:	2019	Bank Account:	8521476	Order By:	Check Number	Report Code:	PY1081
From Period:	13			Operator:	DA		
To Period:	13						
Pay Group							

Pay Register displaying for 2 employees



PYUS - LOFT Constructions Marjan-USA
Payroll - Register Report

Page: 2 of 4
Date: Apr 03, 2019
Time: 6:13 PM EDT

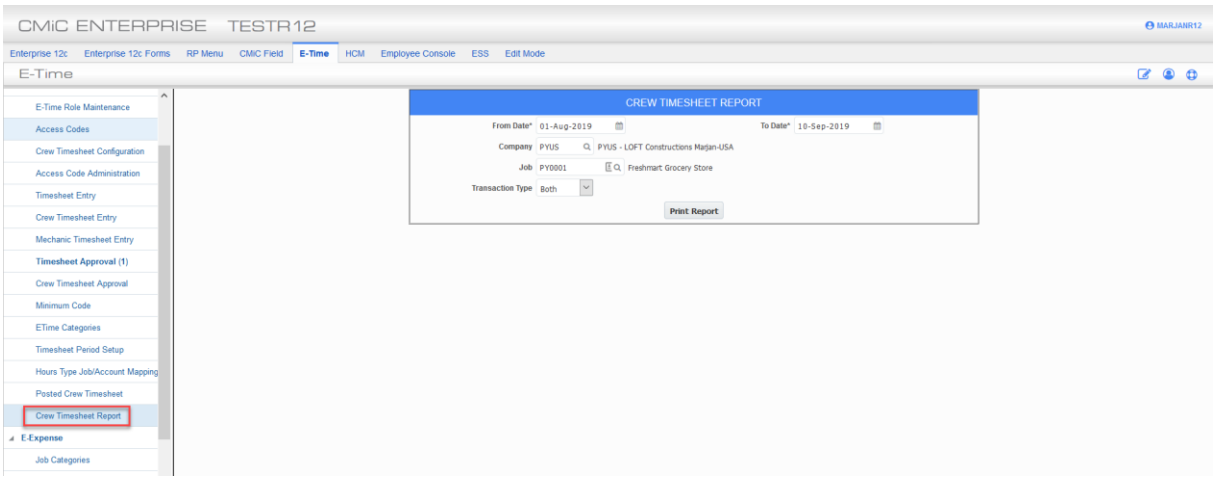
Wages and Benefits				Deductions and Taxes			Employer Part		
Code	Description	Hours	Amount	Code	Description	Amount	Code	Description	Amount
				ZFED	Federal Taxes (*ALL)	-322.60	8810	8810	25.38
				ZMD2	MED EE (*ALL)	-35.05			
				ZSTA	State Taxes (**CA)	-138.78			
	Check Total	40.00	2,417.31			-670.48			210.31
	Employee Total	40.00	2,417.31			-670.48			210.31
Employee: PYUS-SAL-WK-01 Jay Sharma				Union:			Trade: DRV1	Heavy Truck Driver	
Check No.: 15	User Check No.:			Check Amount: 2,055.29			Check Date: 033019		
Net Pay : 2,055.29									
NWHR	Normal Hours	40.00	3,269.23	SDEE	SDEE (**CA)	-32.69	SSER	SEC ER (*ALL)	202.69
				SSEE	SEC EE (*ALL)	-202.69	SUI1	SUI1 (**CA)	3.27
				ZFED	Federal Taxes (*ALL)	-663.47	ZME1	MED ER (*ALL)	47.41
				ZMD2	MED EE (*ALL)	-47.41	ZSTU	SUI1ER (**CA)	49.04
				ZSTA	State Taxes (**CA)	-267.68	8810	8810	34.33
	Check Total	40.00	3,269.23			-1,213.94			336.74
	Employee Total	40.00	3,269.23			-1,213.94			336.74
Employee: PYUS-SAL-WK-02 Zohreh Allameh				Union:			Trade: QACC	QAT Accountant	
Check No.: 20	User Check No.:			Check Amount: 1,412.89			Check Date: 033019		
Net Pay : 1,412.89									
NWHR	Normal Hours	40.00	1,923.08	SDEE	SDEE (**CA)	-19.23	SSER	SEC ER (*ALL)	119.23
				SSEE	SEC EE (*ALL)	-119.23	SUI1	SUI1 (**CA)	1.92
				ZFED	Federal Taxes (*ALL)	-213.87	ZME1	MED ER (*ALL)	27.89
				ZMD2	MED EE (*ALL)	-27.89	ZSTU	SUI1ER (**CA)	28.85
				ZSTA	State Taxes (**CA)	-129.97	8810	8810	20.19
	Check Total	40.00	1,923.08			-510.19			198.08

Crew Timesheet Reporting (18.60602)

Overview: Create a new report based on Crew-Time Data. The report has options to select range of date/days to run the report for a single job. The report output is as per current standard Crew Timesheet Report. The report is developed in Jasper version only.

Program Modifications:

A new program called ‘Crew Timesheet Report’ has been added to the E-Time Tree-View Menu. The report can be launched by clicking on Crew Timesheet Report program on the Tree-View Menu under E-Timesheet.



The **Selection Criteria** to run the report consists of following fields:

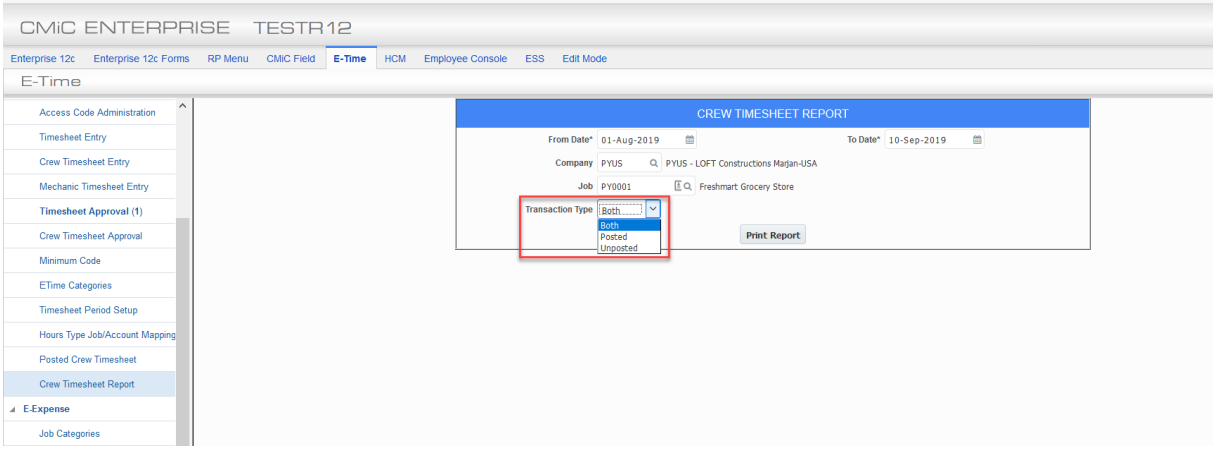
From Date: This is a **Mandatory** field. Enter the Start date to report on.

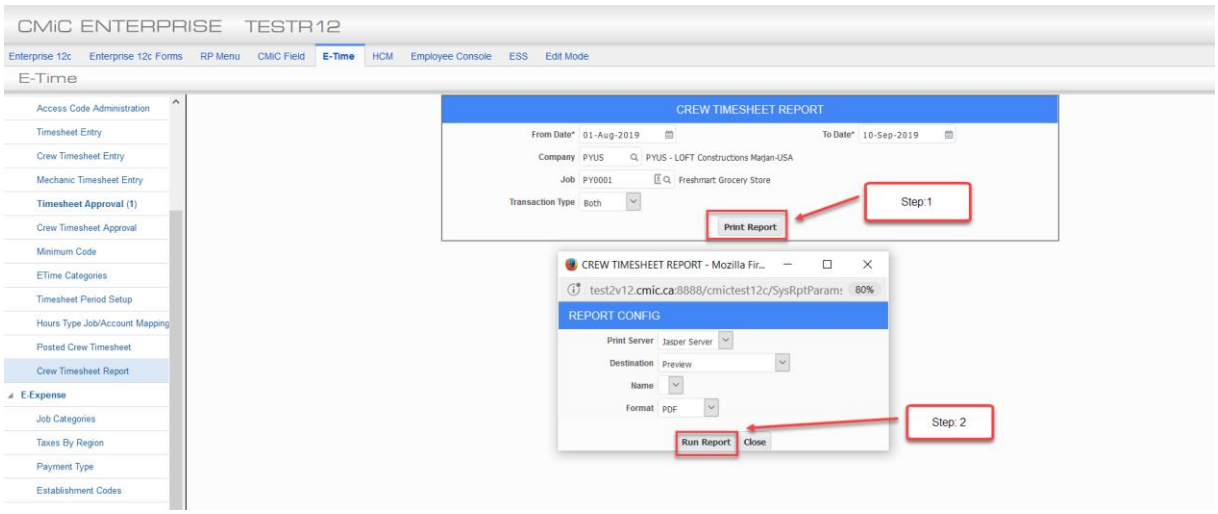
To Date: This is a **Mandatory** field. Enter the End Date to report on

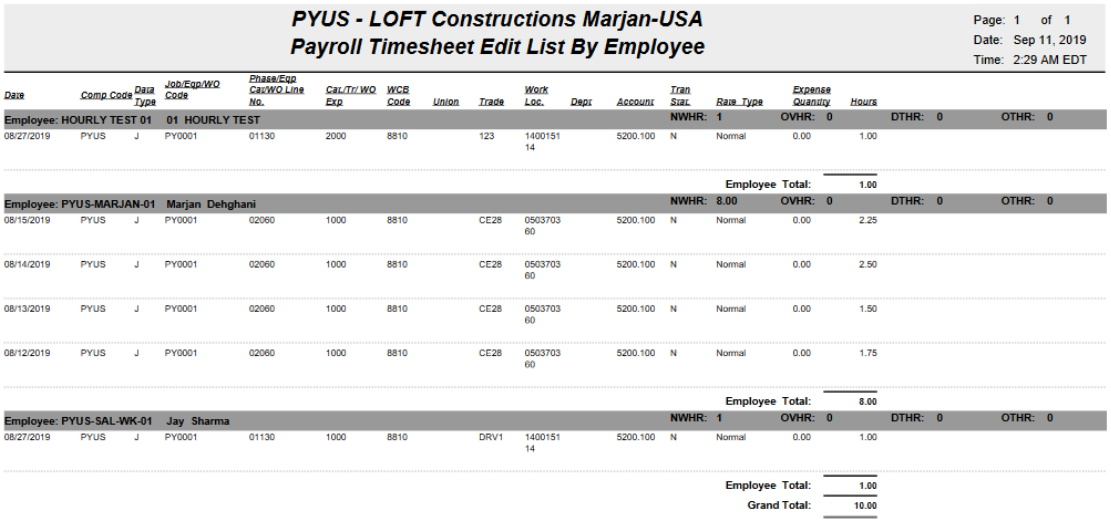
Company: This is an **Optional** field. Enter the Company to report on. If left blank, the report runs for ALL Companies.

Job: This is an **Optional** field. Specify the Job to report on. If left blank, the report runs for ALL Companies. This field is linked to **Company** field and will only be enabled if **Company** is specified.

Transaction Type: Select the type of Transaction to report on-Posted, Unposted, Both.







PYUS - LOFT Constructions Marjan-USA
Payroll Timesheet Edit List By Employee

Page: 1 of 1
Date: Sep 11, 2019
Time: 2:29 AM EDT

Date	Comp Code	Data Type	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	Expense Quantity	Hours
Employee: HOURLY TEST 01			**01 HOURLY TEST**									**NWHR: 1**		**OVHR: 0**	**DTHR: 0** **OTHR: 0**
08/27/2019	PYUS	J	PY0001	01130	2000	8810		123	1400151 14		5200.100	N	Normal	0.00	1.00
													Employee Total:		**1.00**
Employee: PYUS-MARJAN-01			**Marjan Dehghani**									**NWHR: 8.00**		**OVHR: 0**	**DTHR: 0** **OTHR: 0**
08/15/2019	PYUS	J	PY0001	02060	1000	8810		CE28	0503703 60		5200.100	N	Normal	0.00	2.25
08/14/2019	PYUS	J	PY0001	02060	1000	8810		CE28	0503703 60		5200.100	N	Normal	0.00	2.50
08/13/2019	PYUS	J	PY0001	02060	1000	8810		CE28	0503703 60		5200.100	N	Normal	0.00	1.50
08/12/2019	PYUS	J	PY0001	02060	1000	8810		CE28	0503703 60		5200.100	N	Normal	0.00	1.75
													Employee Total:		**8.00**
Employee: PYUS-SAL-WK-01			**Jay Sharma**									**NWHR: 1**		**OVHR: 0**	**DTHR: 0** **OTHR: 0**
08/27/2019	PYUS	J	PY0001	01130	1000	8810		DRV1	1400151 14		5200.100	N	Normal	0.00	1.00
													Employee Total:		**1.00**
													Grand Total:		**10.00**

Report Parameters

Crew Orgseq#:		From Date	01/08/2019	Run Date:	Sep 11, 2019
Date :		To Date	10/09/2019	Run Time:	2:29 AM EDT
Transaction Type:	Both	Job	PY0001	Operator:	MARJANR12
				Report Code:	PYCRWEDT

202

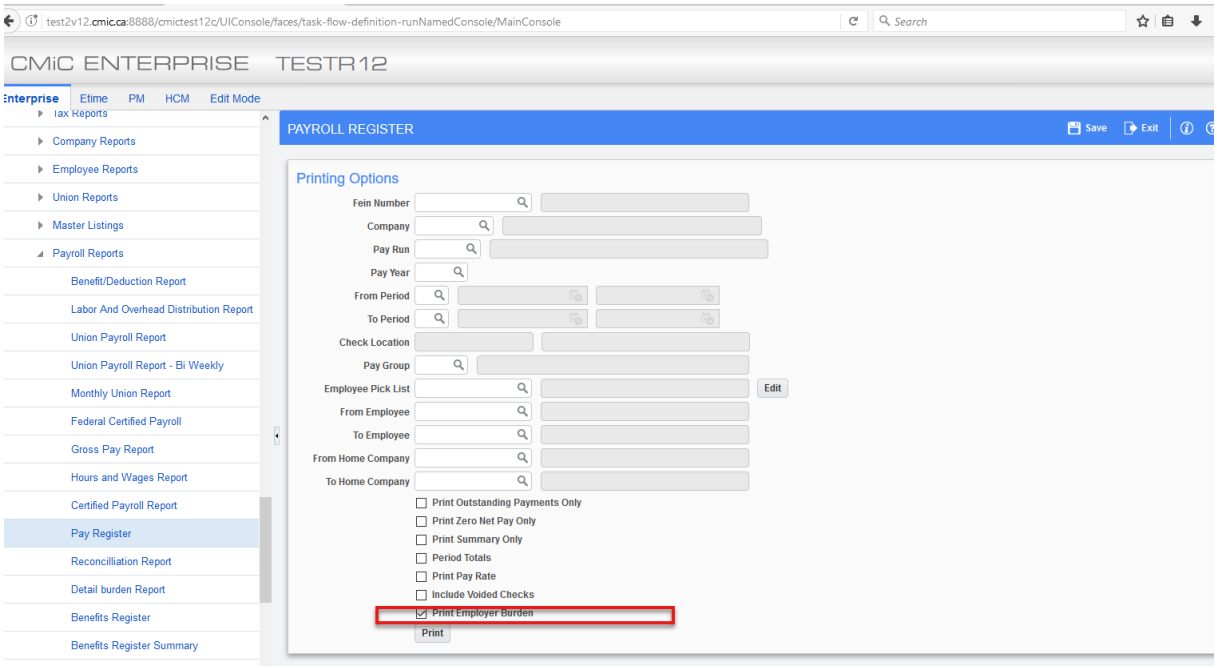
Pay Register – Addition of flag to omit Employer Burden (19.71462)

CMiC has added a flag on Pay Register (PY1057) parameter screen to give an option to hide 'Employer Burden' on the report. Report is modified to hide the Employer portion, if the new parameter is passed to hide it. Changes are applied on both reports being called from the parameter screen (Main PY1057 and Summary PY1057SUM).

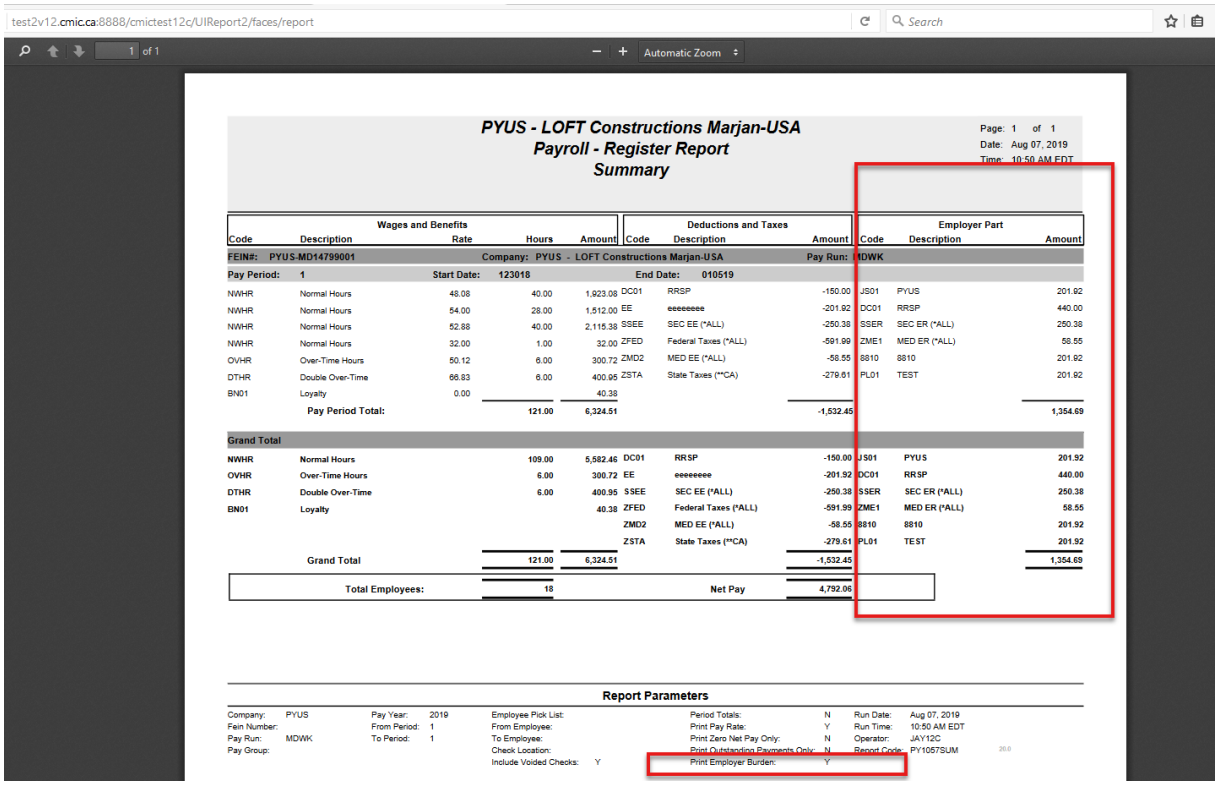
Program Modifications:

A new flag “Print Employer Burden” has been added to the parameter screen of Payroll Register Report. The flag controls whether Non-Cash Benefits, Deductions and Employer Paid Taxes are printed on the report or not. The flag is checked by default, in which case, Employer Burden is printed on the far-right side under column “Employer Part”. If a user chooses to uncheck the flag to hide Employer Burden, the column ‘Employer Part’ will be omitted from the report and Employer Burden will not be printed.

New flag added to the screen:



Employer Burden is printed if the report is run with this flag in checked state:



PYUS - LOFT Constructions Marjan-USA
Payroll - Register Report
Summary

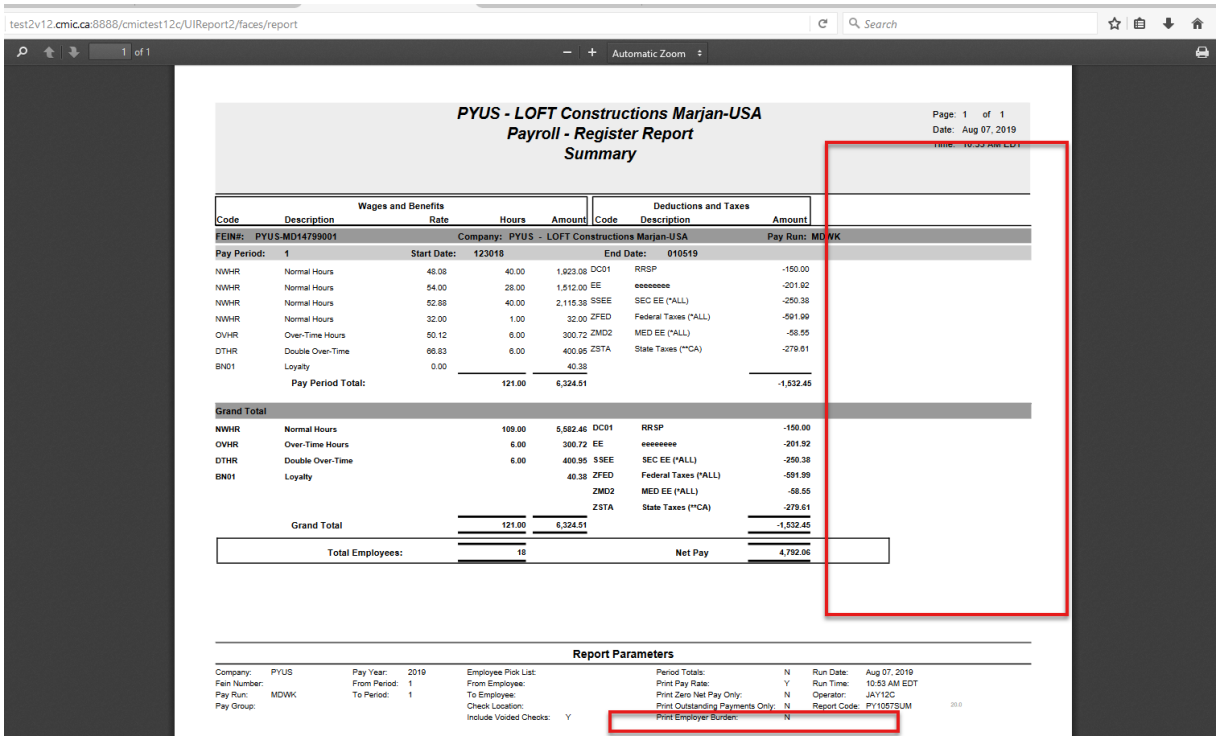
Page: 1 of 1
Date: Aug 07, 2019
Time: 10:50 AM EDT

Wages and Benefits					Deductions and Taxes			Employer Part		
Code	Description	Rate	Hours	Amount	Code	Description	Amount	Code	Description	Amount
FEIN#: PYUS-MD14799001			Company: PYUS - LOFT Constructions Marjan-USA				Pay Run: MDWK			
Pay Period: 1		Start Date: 123018			End Date: 010519					
NWHR	Normal Hours	48.08	40.00	1,923.08	DC01	RRSP	-150.00	JS01	PYUS	201.92
NWHR	Normal Hours	54.00	28.00	1,512.00	EE	eeeeeeee	-201.92	DC01	RRSP	440.00
NWHR	Normal Hours	52.88	40.00	2,115.38	SSEE	SEC EE (*ALL)	-250.38	SSER	SEC ER (*ALL)	250.38
NWHR	Normal Hours	32.00	1.00	32.00	ZFED	Federal Taxes (*ALL)	-591.99	ZME1	MED ER (*ALL)	58.55
OVHR	Over-Time Hours	50.12	6.00	300.72	ZMD2	MED EE (*ALL)	-58.55	8810	8810	201.92
DTHR	Double Over-Time	66.83	6.00	400.95	ZSTA	State Taxes (**CA)	-279.61	PL01	TEST	201.92
BN01	Loyalty	0.00		40.38						
	Pay Period Total:		121.00	6,324.51			-1,532.45			1,354.69
Grand Total										
NWHR	Normal Hours		109.00	5,582.46	DC01	RRSP	-150.00	JS01	PYUS	201.92
OVHR	Over-Time Hours		6.00	300.72	EE	eeeeeeee	-201.92	DC01	RRSP	440.00
DTHR	Double Over-Time		6.00	400.95	SSEE	SEC EE (*ALL)	-250.38	SSER	SEC ER (*ALL)	250.38
BN01	Loyalty			40.38	ZFED	Federal Taxes (*ALL)	-591.99	ZME1	MED ER (*ALL)	58.55
					ZMD2	MED EE (*ALL)	-58.55	8810	8810	201.92
					ZSTA	State Taxes (**CA)	-279.61	PL01	TEST	201.92
	Grand Total		121.00	6,324.51			-1,532.45			1,354.69
	Total Employees:		18			Net Pay	4,792.06			

Report Parameters

Company:	PYUS	Pay Year:	2019	Employee Pick List:		Period Totals:	N	Run Date:	Aug 07, 2019
Fein Number:		From Period:	1	From Employee:		Print Pay Rate:	Y	Run Time:	10:50 AM EDT
Pay Run:	MDWK	To Period:	1	To Employee:		Print Zero Net Pay Only:	N	Operator:	JAY12C
Pay Group:				Check Location:		Print Outstanding Payments Only:	N	Report Code:	PY1057SUM
				Include Voided Checks:	Y	Print Employer Burden:	Y		

Employer Burden is NOT printed if the report is run with this flag in unchecked state:



PYUS - LOFT Constructions Marjan-USA
Payroll - Register Report
Summary

Page: 1 of 1
Date: Aug 07, 2019

Wages and Benefits					Deductions and Taxes		
Code	Description	Rate	Hours	Amount	Code	Description	Amount
FEIN#: PYUS-MD14799001			Company: PYUS - LOFT Constructions Marjan-USA				Pay Run: MDWK
Pay Period: 1		Start Date: 123018			End Date: 010519		
NWHR	Normal Hours	48.08	40.00	1,923.08	DC01	RRSP	-150.00
NWHR	Normal Hours	54.00	28.00	1,512.00	EE	eeeeeeee	-201.92
NWHR	Normal Hours	52.88	40.00	2,115.38	SSEE	SEC EE (*ALL)	-250.38
NWHR	Normal Hours	32.00	1.00	32.00	ZFED	Federal Taxes (*ALL)	-591.99
OVHR	Over-Time Hours	50.12	6.00	300.72	ZMD2	MED EE (*ALL)	-58.55
DTHR	Double Over-Time	66.83	6.00	400.95	ZSTA	State Taxes (**CA)	-279.61
BN01	Loyalty	0.00		40.38			
	Pay Period Total:		121.00	6,324.51			-1,532.45
Grand Total							
NWHR	Normal Hours		109.00	5,582.46	DC01	RRSP	-150.00
OVHR	Over-Time Hours		6.00	300.72	EE	eeeeeeee	-201.92
DTHR	Double Over-Time		6.00	400.95	SSEE	SEC EE (*ALL)	-250.38
BN01	Loyalty			40.38	ZFED	Federal Taxes (*ALL)	-591.99
					ZMD2	MED EE (*ALL)	-58.55
					ZSTA	State Taxes (**CA)	-279.61
	Grand Total		121.00	6,324.51			-1,532.45
	Total Employees:		18			Net Pay	4,792.06

Report Parameters

Company:	PYUS	Pay Year:	2019	Employee Pick List:		Period Totals:	N	Run Date:	Aug 07, 2019
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Pay Run:	MDWK	To Period:	1	To Employee:		Print Zero Net Pay Only:	N	Operator:	JAY12C
Pay Group:				Check Location:		Print Outstanding Payments Only:	N	Report Code:	PY1057SUM
				Include Voided Checks:	Y	Print Employer Burden:	N		

US Tax Changes – New Federal Form W4 January 2020 (19.81036)

In 2020, Form W-4 eliminates some withholding allowances and adds other items to determine appropriate federal withholding for employees.

NOTE: The filing status you provide will be critical to the application in determining which calculation path is followed. Use one of the prior year filing statuses (Single or Married) when the employee(s) W-4 is from a year prior to 2020.

Use one of the new filing statuses when the employee uses the new 2020 W-4. If a valid filing status is not provided, the application will use the new filing status of Single or Married Filing Separately and will calculate tax withholding using the new calculation logic for 2020.

Calculate Withholding Using 2020 Form W-4 Data

Vertex calculates employee withholding using information from the 2020 Form W-4 as follows:

- Basic withholding requires the following:
    - Wages
    - Filing status from the federal tax handle
- Filing status options are as follows:
    - Head of Household (ID 3)
    - Married Filing Jointly (ID 16)
    - Single or Married Filing Separately (ID 62)

If Vertex receives an invalid filing status, Single or Married Filing Separately is used, along with the standard withholding rate table.

The number of allowances no longer affects tax calculation. Vertex disregards withholding allowances if the information is passed in.

CMiC Program Modifications

CMiC has added four new fields to the pop-up window launched from the [**Exemptions**] button on the Tax tab of the Employee Profile to comply with the new Federal W-4 changes of 2020:

- 'Multi Job' checkbox to indicate employee having multiple jobs.
- Dependent Tax Credit Amount
- Other Income Amount
- Other Deduction Amount

Steps to Calculate Withholding

For Employees

The 2020 Form W-4 is now broken up into five steps for employees to complete (or to skip if they are not applicable):

1. Enter personal information, including filing status.
2. Account for multiple jobs.
3. Claim tax credits for dependents.
4. Make other adjustments.
5. Sign and date under penalties of perjury.

Steps 1 and 5 are required. Adjustments on steps 2, 3, and 4 are optional and are designed to make withholding calculations more accurate.

For Employers

Here are the steps employers will follow, based on employee entries on Form W-4.

When employees only complete steps 1 and 5, employers will withhold using the appropriate method based on the filing status and wage amounts.

When employees complete at least one of steps 2-4, employers will need to take these steps:

- Step 2: When an employee checks the box on Line 2, the employer will figure withholding from the higher rate tables, which will mean higher withholding. If the employee chooses one of the other two alternatives to account for multiple jobs, the additional withholding will be included with any other additional tax amounts per pay period in step 4, Line 4c.
- Step 3: Employers will use the amount entered by employees on Line 3 to claim their dependents as an annual reduction of tax. Employers should use the amount entered on Line 3 even if it is not equal to the sum of any amounts entered by employees on the left in step 3 because Line 3 may be used to take into account other tax credits.
- Step 4: Employers will increase the annual amount of wages subject to withholding by the annual amount shown in Line 4a and reduce the annual amount of wages subject to withholding by the annual amount shown in Line 4b. Employers will increase withholding by the per pay period tax amount on Line 4c. Line 4d is where employees can claim an exemption from withholding.

Calculation Process

Vertex calculates withholding from information on the 2020 Federal Form W-4 using the following process:

1. Annualize current wages by number of pay periods.
2. If the Line 4a (Other income) amount is provided, add the amount to annual wages.
3. If the Line 4b (Deductions) amount is provided, subtract the amount from annual wages. Wages are also reduced by the value of the standard deduction.
4. Calculate tax on adjusted wages using the percentage method.

   If the Form W-4 Step 2 checkbox (Multiple jobs) is cleared, Vertex uses the standard withholding rate schedule.

   If the Form W-4 Step 2 checkbox is selected, Vertex uses the Step 2 withholding rate schedule.
5. Divide the calculated annual tax by the number of pay periods to determine the pay period withholding amount.
6. If the Line 3 (Dependents) amount is provided, divide this amount by the number of pay periods to determine the pay period amount.
7. Subtract the tax credits amount from the pay period withholding amount.

If the result is negative, tax is zero.

8. If the Line 4c (Extra withholding) amount is provided, add the amount of extra withholding to the pay period tax amount.

NOTE: If you pass in old Federal filing statuses with the new W4 data, the new data will be ignored. Same follows for the new filing statuses. If you pass us a new Federal filing status, Vertex will ignore the old number of exemptions data.

Federal Tax Changes

Federal Tax Changes effective January 1, 2020 based on December 2019 Vertex Release.

- Added the following standard deduction amounts:
    - $12,900.00 for Married Filing Jointly filers
    - $8,600.00 for Single or Married Filing Separately and Head of Household filers
- Increased withholding allowance from $4,200.00 to $4,300.00.
- The additional withholding amounts for Nonresident Aliens are as follows:
    - $12,400.00 for employees who have filed a 2020 form W-4
    - $8,100.00 for employees who have not filed a 2020 form W-4 and have a prior version on file
- Revised withholding tables.

Withholding Tax Rate Tables

Standard Withholding Rate Schedule					
Single or Married Filing Separately					
Line	**If taxable wages are**		**Tax is**		**Of the excess over**
			Amount	**+ %**	
1	Not over	3,800.00		0.00%	
2		13,675.00	0.00	10.00%	3,800.00
3		43,925.00	987.50	12.00%	13,675.00
4		89,325.00	4,617.50	22.00%	43,925.00
5		167,100.00	14,605.50	24.00%	89,325.00
6		211,150.00	33,271.50	32.00%	167,100.00
7		522,200.00	47,367.50	35.00%	211,150.00
8	Over	522,200.00	156,235.00	37.00%	522,200.00

Married Filing Jointly					
Line	**If taxable wages are**		**Tax is**		**Of the excess over**
			Amount	**+ %**	
1	Not over	11,900.00		0.00%	
2		31,650.00	0.00	10.00%	11,900.00
3		92,150.00	1,975.00	12.00%	31,650.00
4		182,950.00	9,235.00	22.00%	92,150.00
5		338,500.00	29,211.00	24.00%	182,950.00
6		426,600.00	66,543.00	32.00%	338,500.00
7		633,950.00	94,735.00	35.00%	426,600.00
8	Over	633,950.00	167,307.50	37.00%	633,950.00

Head of Household					
Line	**If taxable wages are**		**Tax is**		**Of the excess over**
			Amount	**+ %**	
1	Not over	10,050.00		0.00%	
2		24,150.00	0.00	10.00%	10,050.00
3		63,750.00	1,410.00	12.00%	24,150.00
4		95,550.00	6,162.00	22.00%	63,750.00
5		173,350.00	13,158.00	24.00%	95,550.00
6		217,400.00	31,830.00	32.00%	173,350.00
7		528,450.00	45,926.00	35.00%	217,400.00
8	Over	528,450.00	154,793.50	37.00%	528,450.00

Payroll Processed with Pay Date in 2020

Calculation Examples

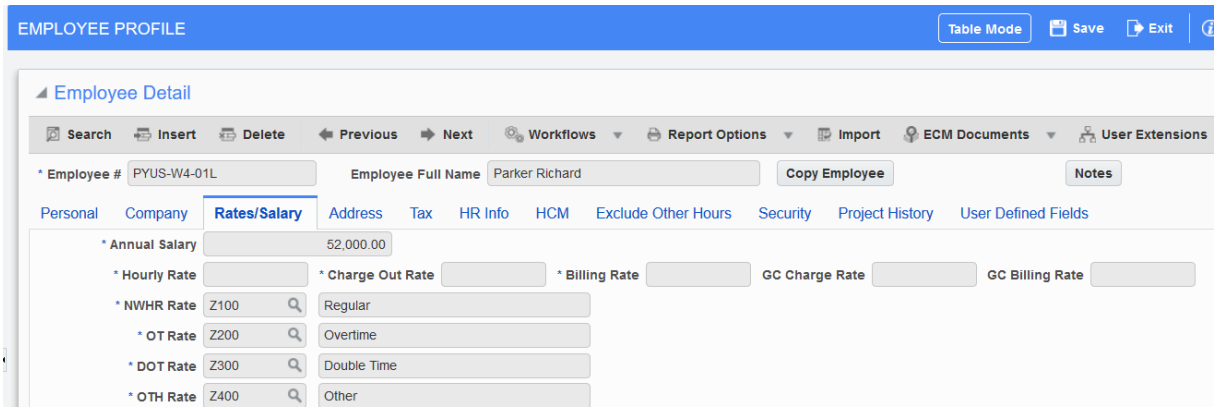
This section provides examples of Vertex calculations.

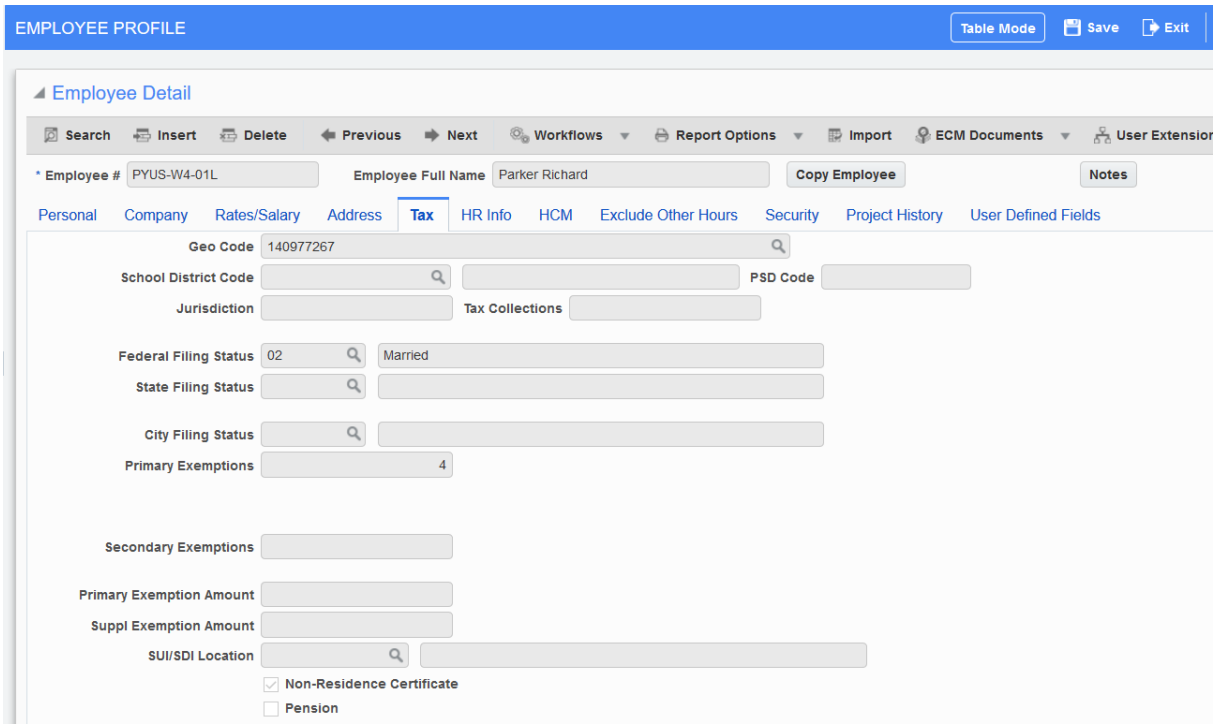
Example 1: Pre-2020 Form W-4

The following table shows the calculation process when information from a pre-2020 Form W-4 is passed in for an employee filing as Married (ID 2) with four exemptions:

Step	Action	Result	Example
1	Multiply wages by the number of pay periods.	Annual wages	1,000.00 x 52 = 52,000.00
2	Calculate the withholding allowance amount.	Withholding allowance amount	4 x 4,300.00 = 17,200.00
3	Subtract the withholding allowance amount.	Annual taxable wages	52,000.00 – 17,200.00 = 34,800.00
4	Subtract the standard deduction.	Net taxable wages	34,800.00 – 31,650.00 = 3,150.00
5	Calculate the tax using the married filing jointly standard withholding rate schedule.	Annual tax	3,150.00 x 12% = 378.00 378.00 + 1,975.00 = 2,353.00
6	Divide the annual tax by the number of pay periods.	Pay period tax amount	2,353.00 / 52 = 45.25

Employee Setup

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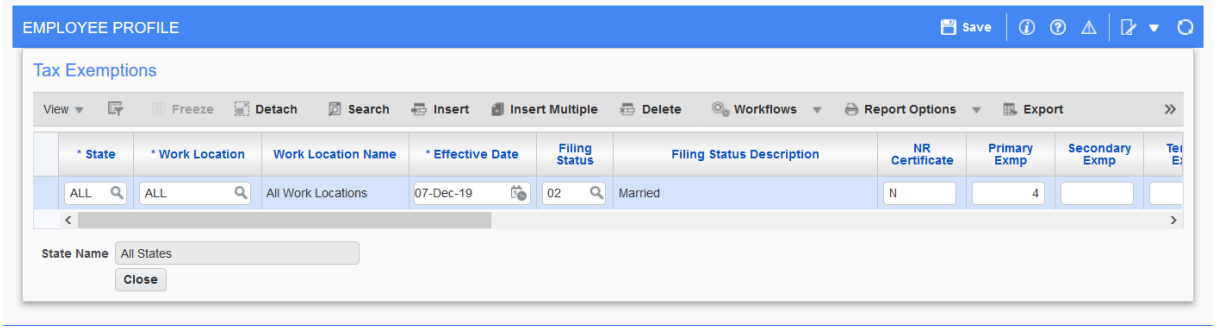
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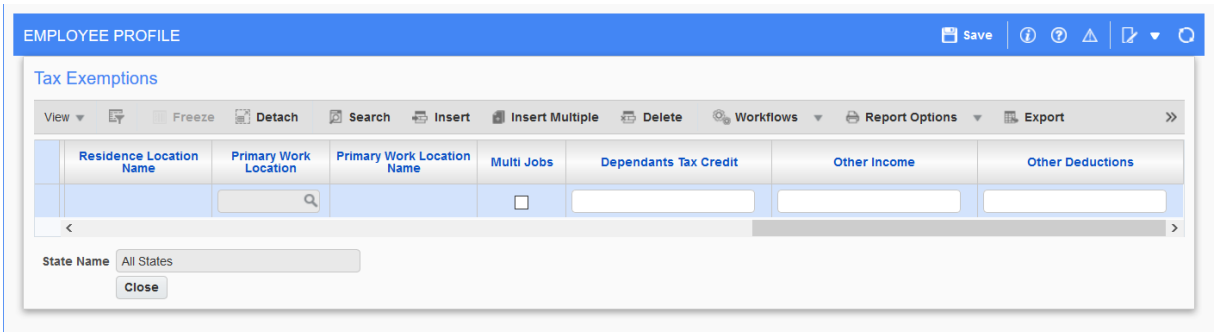
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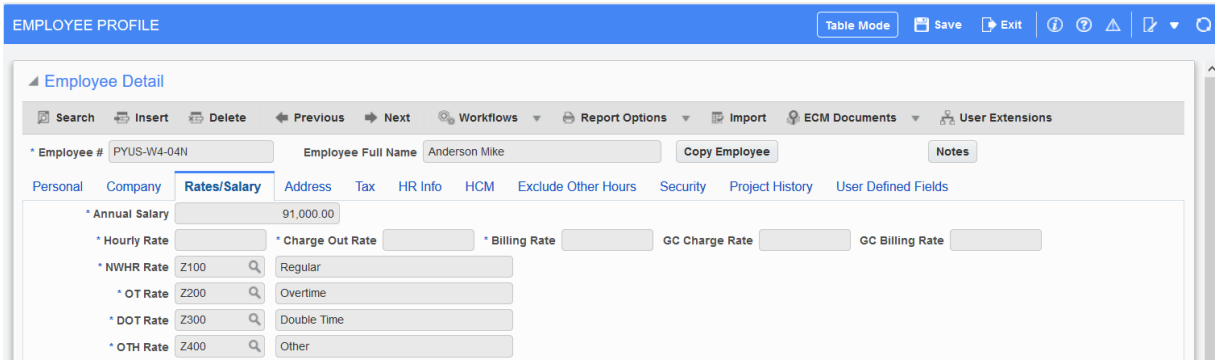
Example 2: 2020 Form W-4, Step 2 Checkbox Cleared

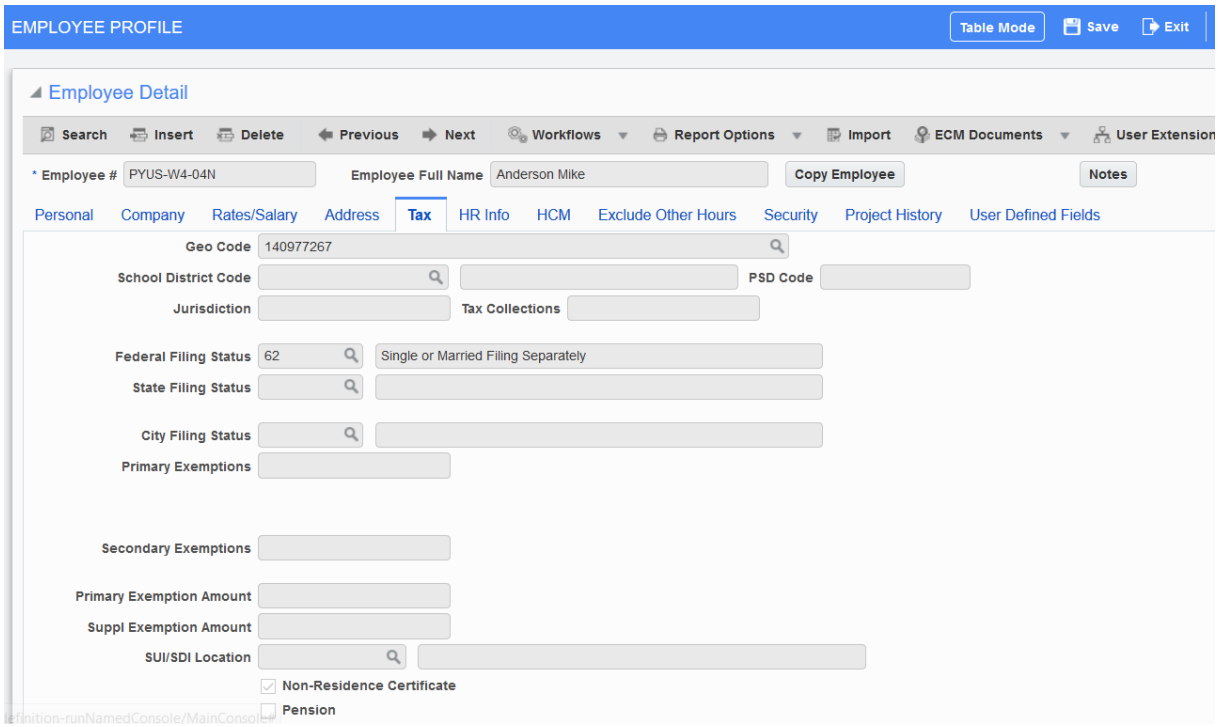
The following table shows the calculation process for the following information:

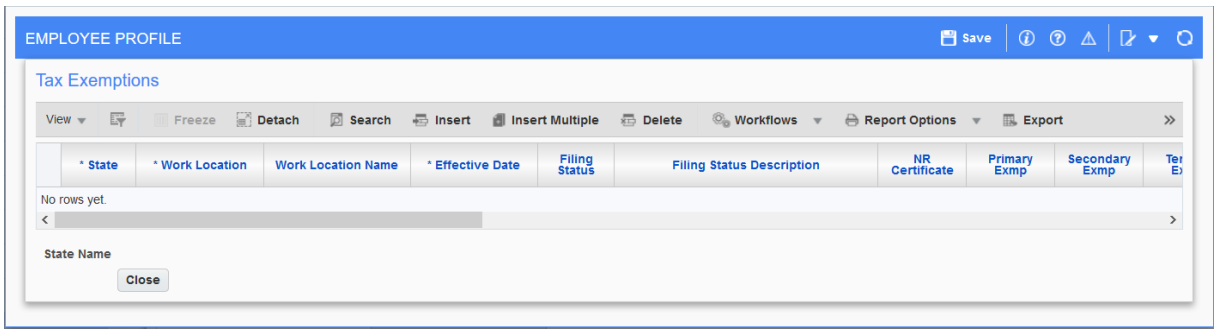
- 2020 Form W-4 with a cleared Step 2 (Multiple Jobs) checkbox
- Single or Married Filing Separately (ID 62)
- No exemptions

Step	Action	Result	Example
1	Multiply wages by the number of pay periods.	Annual wages	1,750.00 x 52 = 91,000.00
2	Subtract the standard deduction.	Annual taxable wages	91,000.00 – 8,600.00 = 82,400.00
3	Calculate the tax using the Single or Married Filing Separately standard withholding rate schedule.	Annual tax	82,400.00 – 43,925.00 = 38,475.00 38,475.00 x 22% = 8,464.50 8,464.50 + 4,617.50 = 13,082.00
4	Divide the annual tax by the number of pay periods.	Pay period tax amount	13,082.00 / 52 = 251.58

Employee Setup







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Example 3: 2020 Form W-4, Step 2 Checkbox Selected

The following table shows the calculation process for the following information:

- 2020 Form W-4 with a selected Step 2 (Multiple Jobs) checkbox
- Single or Married Filing Separately (ID 62)
- Other Income Step 4a (12,000.00)
- Deduction Step 4b (5,000.00)
- Dependents tax credit Step 3 (4,000.00)

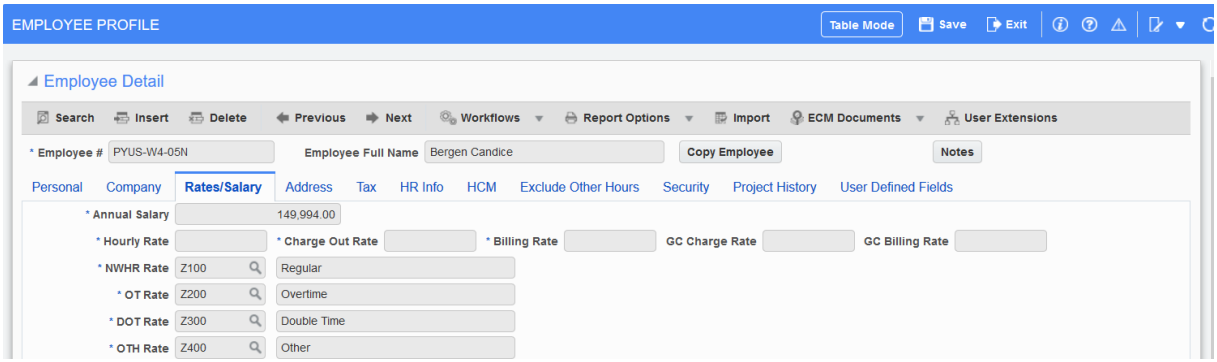
Step	Action	Result	Example
1	Multiply wages by the number of pay periods.	Annual wages	2,884.50 x 52 = 149,994.00
2	Add the Other income amount.	Total annual wages	149,994.00 + 12,000.00 = 161,994.00
3	Subtract the deduction.	Net wages	161,994.00 – 5,000.00 = 156,994.00
4	Subtract the standard deduction. Because the Step 2 (Multiple Jobs) checkbox is selected, the standard deduction is 0 (zero).	Annual taxable wages	156,994.00 – 0.00 = 156,994.00
5	Calculate the tax using the Single or Married Filing Separately Step 2 withholding rate schedule.	Annual tax	156,994.00 – 109,875.00 = 47,119.00 47,119.00 x 35% = 16,491.65 16,491.65 + 23,683.75 = 40,175.40
6	Divide the annual tax by the number of pay periods.	Gross pay period tax amount	40,175.40 / 52 = 772.60
7	Determine the pay period Dependents tax credit and subtract it from the gross pay period tax amount.	Dependents tax credit	4,000.00 / 52 = 76.92.
8	Subtract the tax credit from the gross pay period tax amount.	Net pay period tax amount	772.60 – 76.92 = 695.68

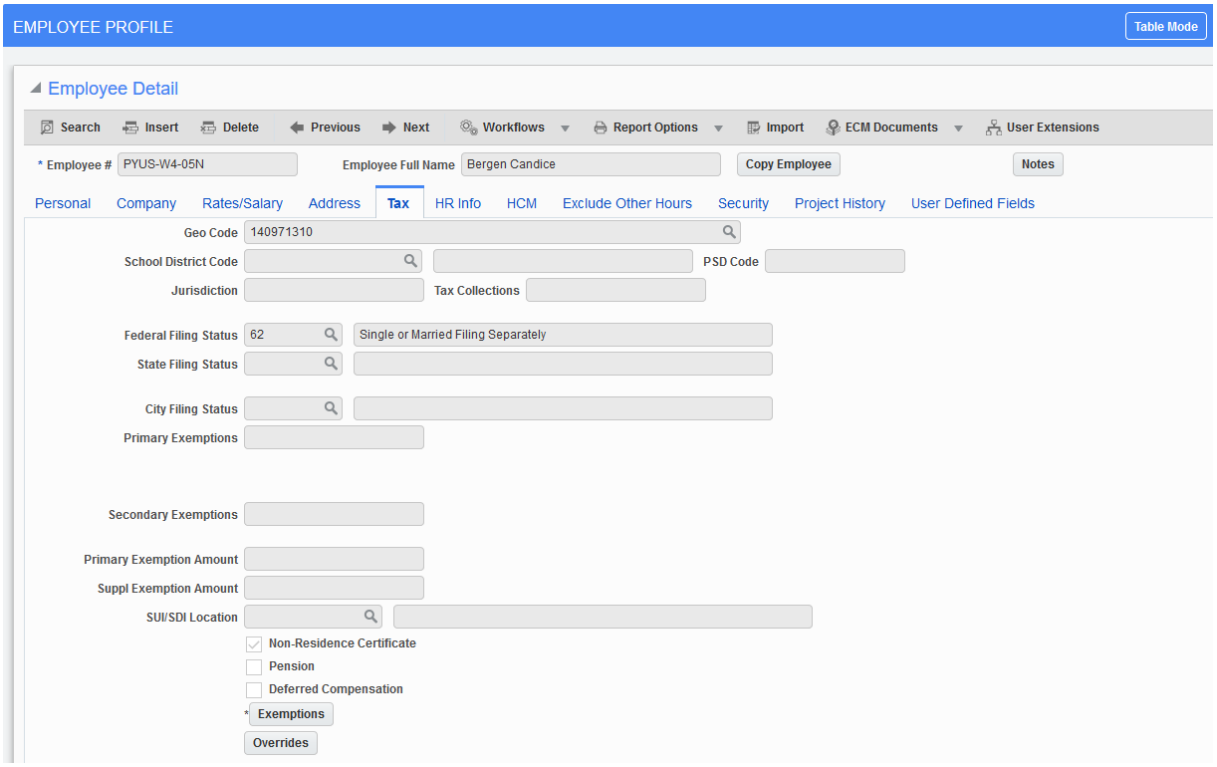
Step 2 Checkbox Withholding Rate Schedule					
Single or Married Filing Separately					
Line	**If taxable wages are**		**Tax is**		**Of the excess over**
			Amount	**+ %**	
1	Not over	6,200.00	0.00	0.00%	0.00
2		11,138.00	0.00	10.00%	6,200.00
3		26,263.00	493.75	12.00%	11,138.00
4		48,963.00	2,308.75	22.00%	26,263.00
5		87,850.00	7,302.75	24.00%	48,963.00
6		109,875.00	16,635.75	32.00%	87,850.00
7		265,400.00	23,683.75	35.00%	109,875.00
8	Over	265,400.00	78,117.50	37.00%	265,400.00

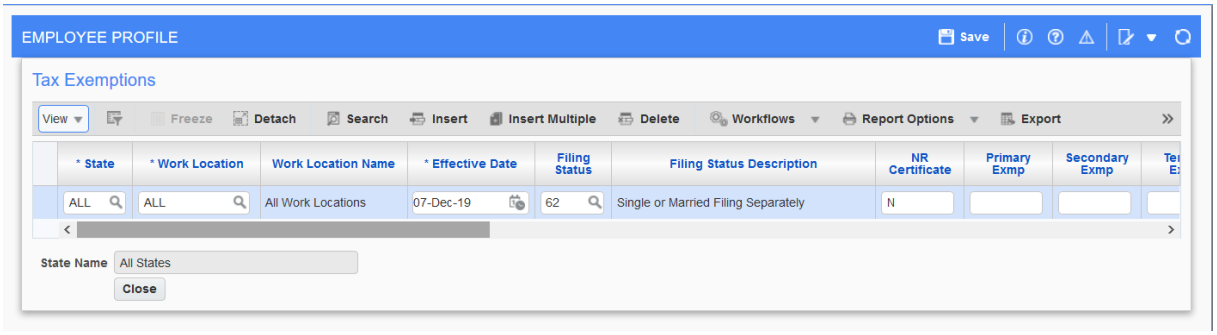
Married Filing Jointly					
Line	**If taxable wages are**		**Tax is**		**Of the excess over**
			Amount	**+ %**	
1	Not over	12,400.00	0.00	0.00%	0.00
2		22,275.00	0.00	10.00%	12,400.00
3		52,525.00	987.50	12.00%	22,275.00
4		97,925.00	4,617.50	22.00%	52,525.00
5		175,700.00	14,605.50	24.00%	97,925.00
6		219,750.00	33,271.50	32.00%	175,700.00
7		323,425.00	47,367.50	35.00%	219,750.00
8	Over	323,425.00	83,653.75	37.00%	323,425.00

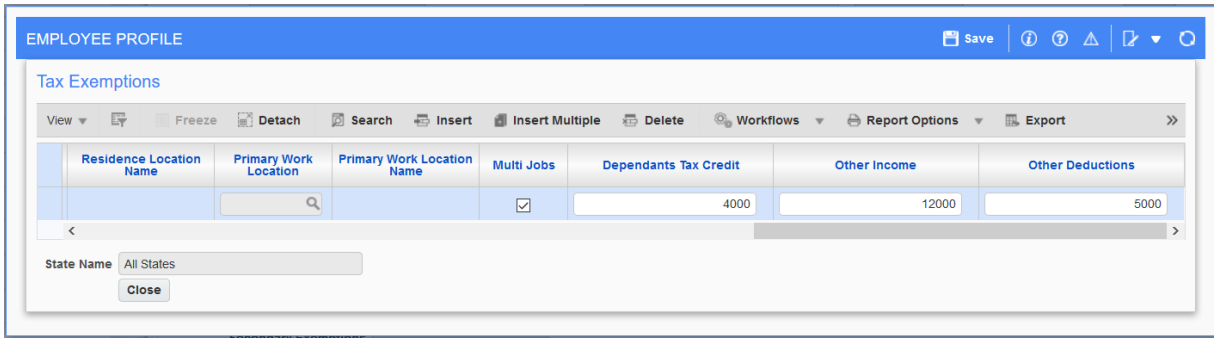
Head of Household					
Line	**If taxable wages are**		**Tax is**		**Of the excess over**
			Amount	**+ %**	
1	Not over	9,325.00	0.00	0.00%	0.00
2		16,375.00	0.00	10.00%	9,325.00
3		36,175.00	705.00	12.00%	16,375.00
4		52,075.00	3,081.00	22.00%	36,175.00
5		90,975.00	6,579.00	24.00%	52,075.00
6		113,000.00	15,915.00	32.00%	90,975.00
7		268,525.00	22,963.00	35.00%	113,000.00
8	Over	268,525.00	77,396.75	37.00%	268,525.00

Employee Setup







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Tax Handler Data for FED Tax ID 400

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Tax Handler Data for ER MED (407)

Status '4' = Not Used

National Bank Positive Pay File (19.88126)

CMiC has added a new Positive Pay format for National Bank in PY Check/EFT program. The ASCII File (CSV) is created as per National Bank Positive Pay Specifications. The format is field delimiter (Comma,) with 'Amount' format decimal included (example 123.00)

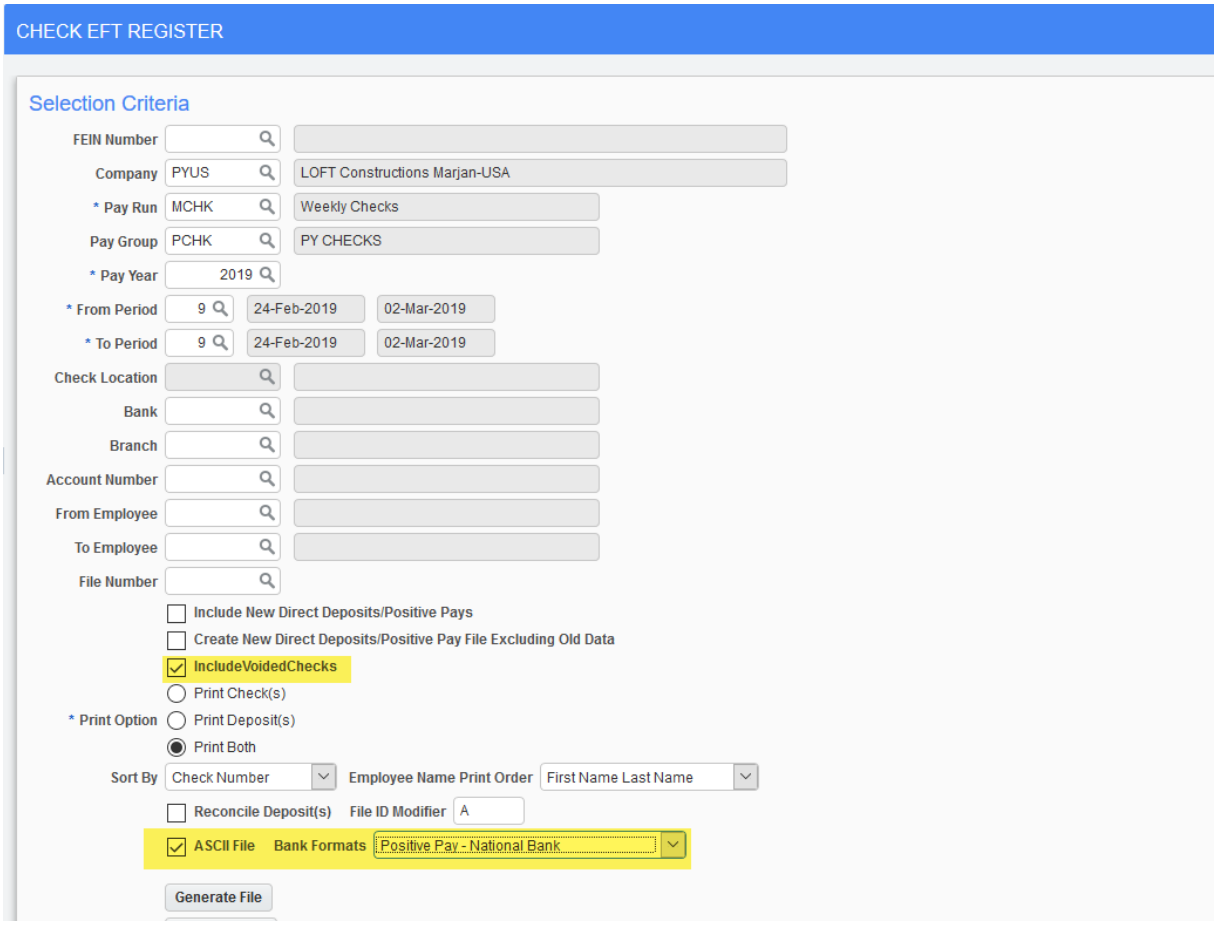
Pre-Requisites:

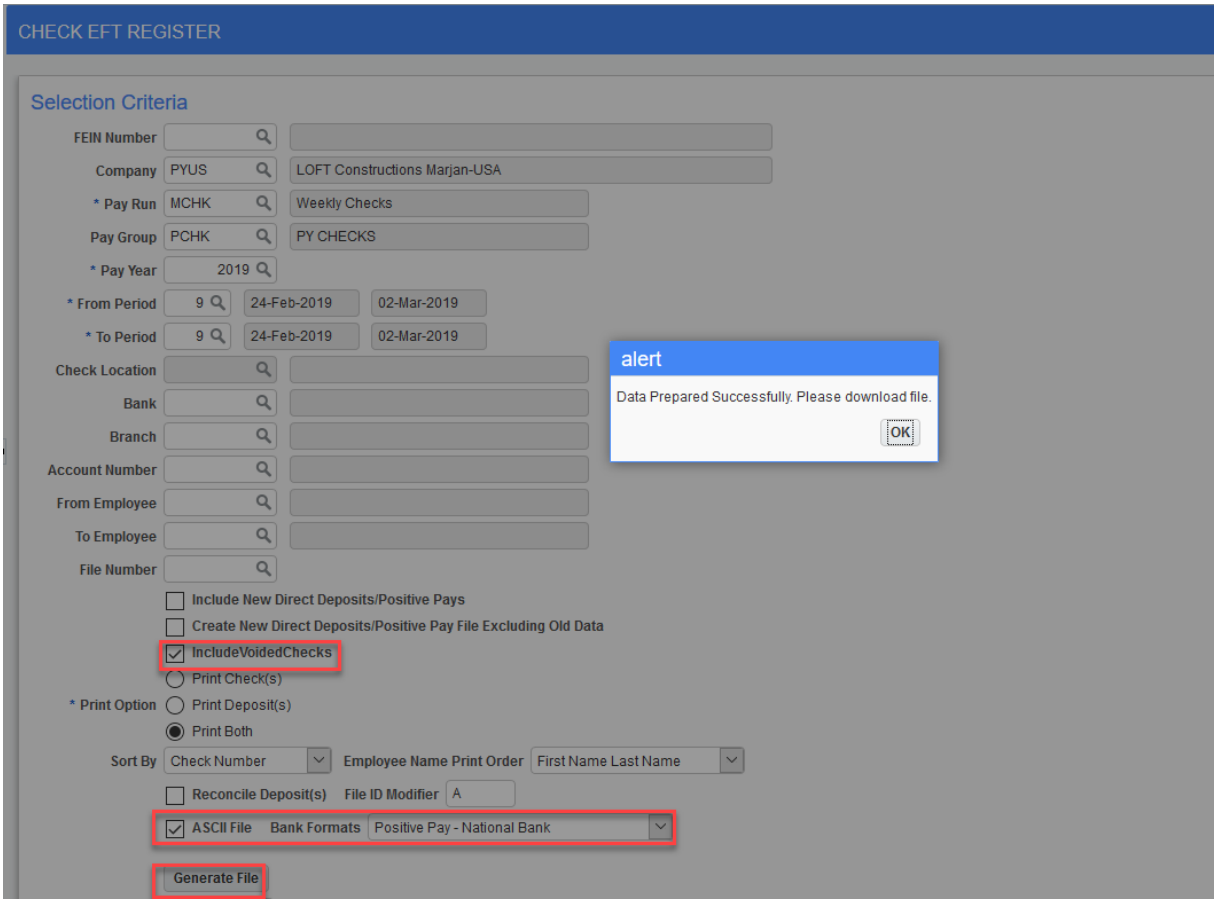
Customer should ensure to have their Banking Information and setup completed in CMiC System under Global Tables→ Banking Maintenance.

Modifications:

CMiC has added a new option/format in Check EFT Register (PY1081) Program to generate Positive Pay National Bank file.

Process Payroll and print checks. Under Processing > Reports > Check/EFT Register, select bank format: Positive Pay – National Bank to prepare the data and download the file in Notepad.

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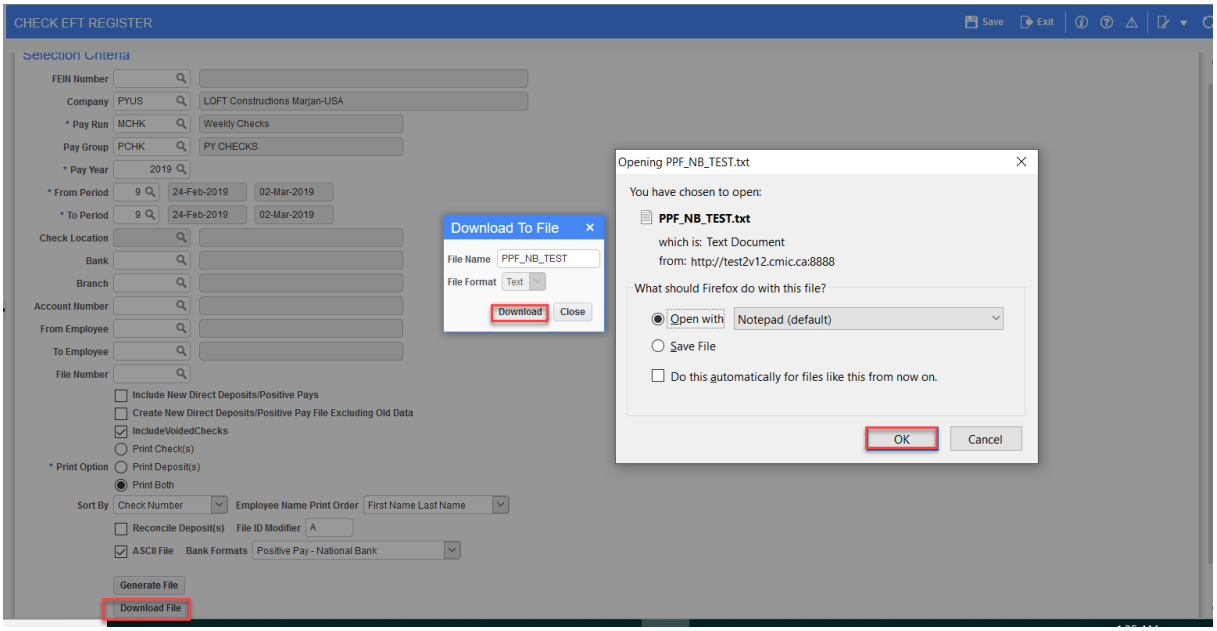
* Pay Run MCHK Weekly Checks
Pay Group PCHK PY CHECKS
* Pay Year 2019
* From Period 9 24-Feb-2019 02-Mar-2019
* To Period 9 24-Feb-2019 02-Mar-2019
Check Location
Bank
Branch
Account Number
From Employee
To Employee
File Number
Include New Direct Deposits/Positive Pays
Create New Direct Deposits/Positive Pay File Excluding Old Data
IncludeVoidedChecks
* Print 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 Positive Pay - National Bank
Generate File
alert
Data Prepared Successfully. Please download file.
OK


CHECK EFT REGISTER
Save
Exit
Download To File
File Name PPF_NB_TEST
File Format Text
Download
Close
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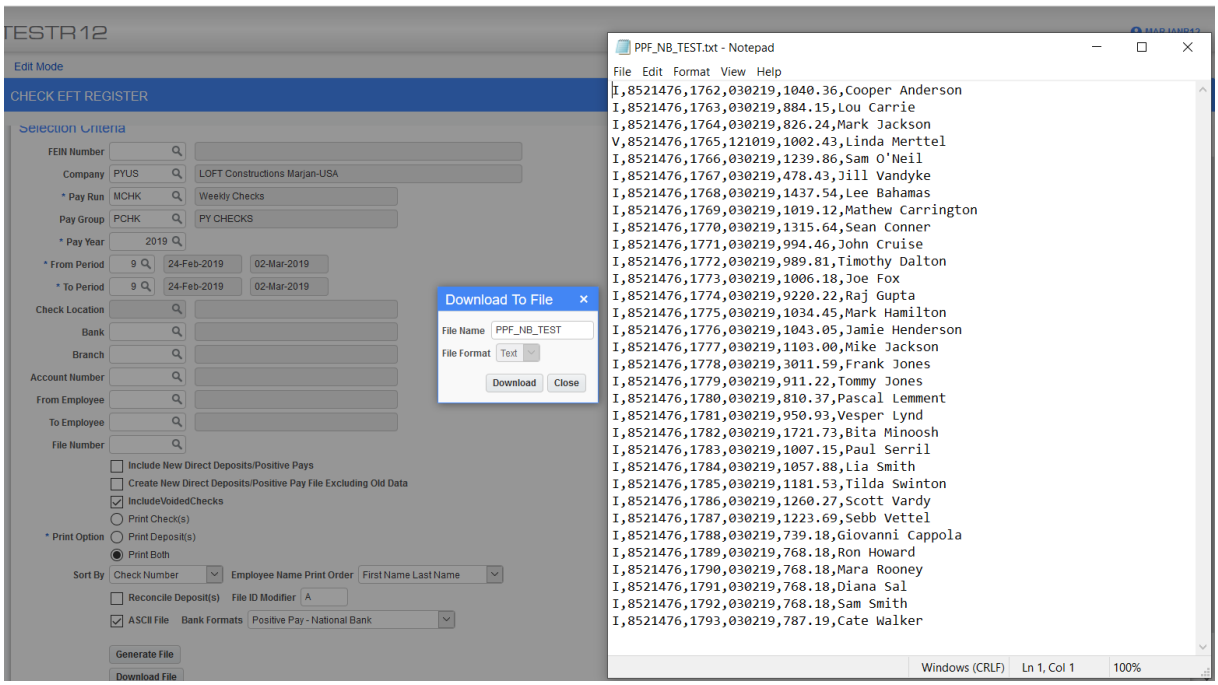
PPF_NB_TEST.txt
which is: Text Document
from: http://test2v12.cmic.ca:8888
What should Firefox do with this file?
Open with Notepad (default)
Save File
Do this automatically for files like this from now on.
OK
Cancel
Generate File
Download File


TESTR12
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CHECK EFT REGISTER
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Pay Group PCHK PY CHECKS
* Pay Year 2019
* From Period 9 24-Feb-2019 02-Mar-2019
* To Period 9 24-Feb-2019 02-Mar-2019
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 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 Positive Pay - National Bank
Generate File
Download File
Download To File
File Name PPF_NB_TEST
File Format Text
Download
Close
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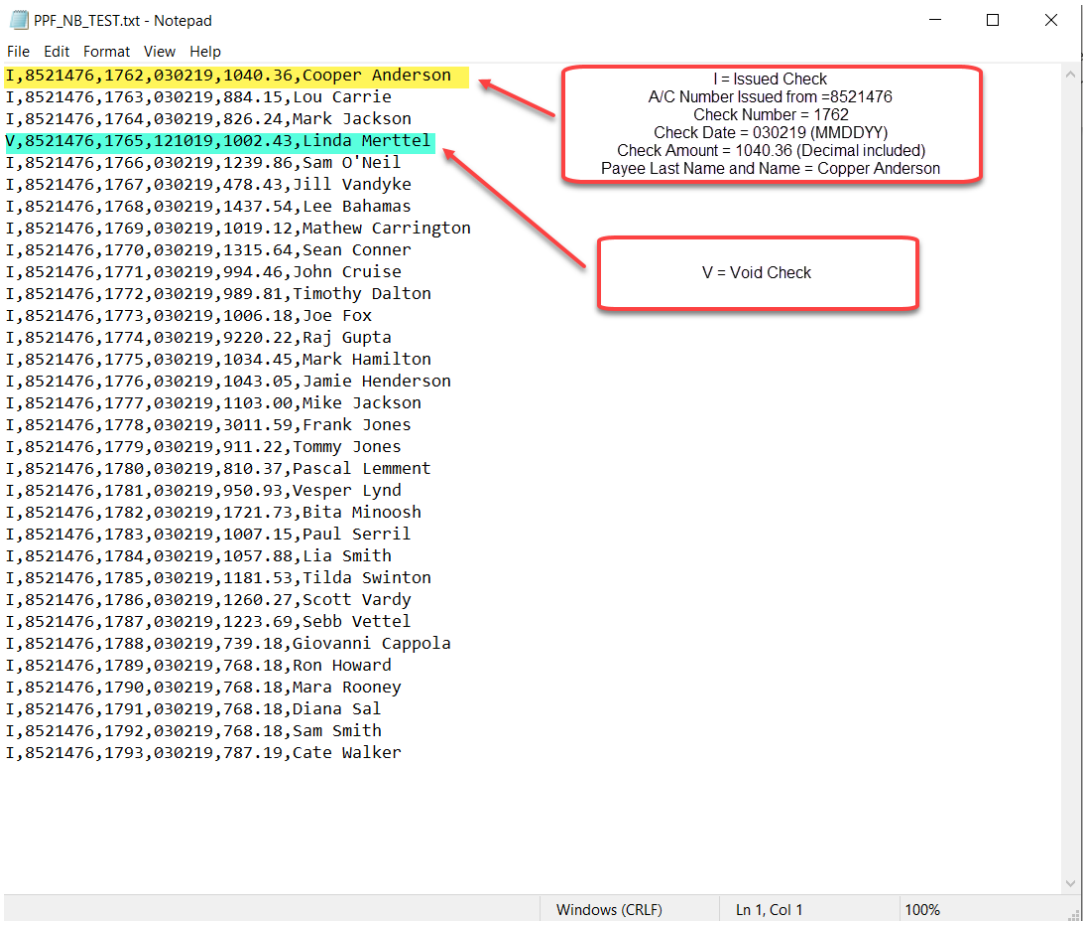
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I,8521476,1793,030219,787.19,Cate Walker
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Check Number = 1762
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Check Amount = 1040.36 (Decimal included)
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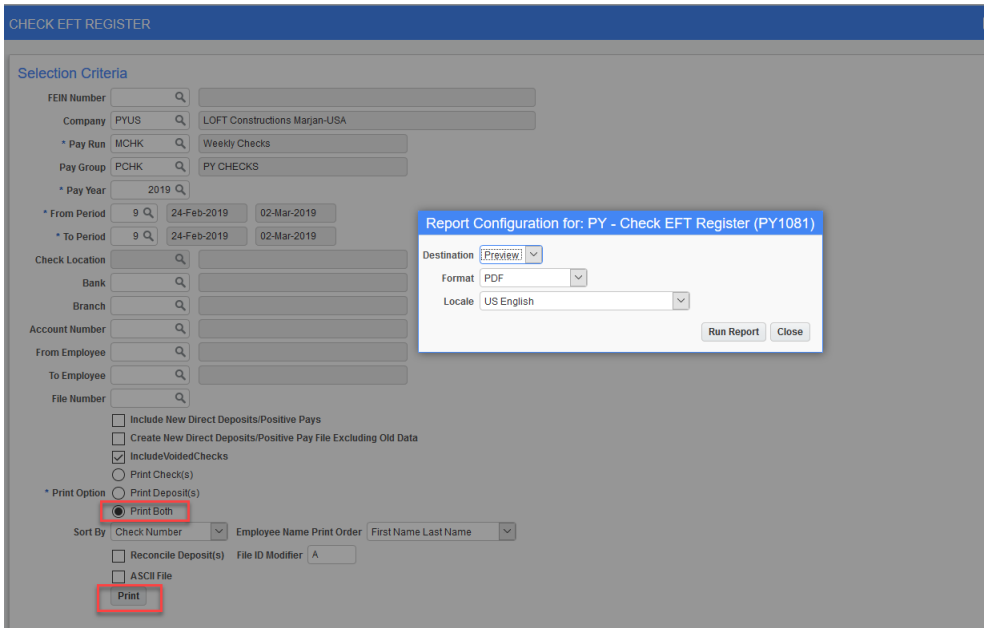
V = Void Check
Windows (CRLF) Ln 1, Col 1 100%

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.



PAYROLL - PAYCHECKS LISTING FOR EMPLOYEE

Page: 1 of 3
Date: Dec 16, 2019
Time: 1:28 AM EST

Employee	Type	Void	Check/EFT Number	Check/Void Date	Description	Amount Employee Deposit Bank & Account	Issuing Bank Branch & Account
FEIN: PYUS-MD14799001 - LOFT Construction			Company:	PYUS	- LOFT Constructions Marjan-		
PYCHK-04 Cooper Anderson	Salaried		1762	030219	Check Issued	1,040.38	010 CIBC 8521476
PYCHK-06 Lou Carrie	Salaried		1763	030219	Check Issued	884.15	010 CIBC 8521476
PYCHK-03 Mark Jackson	Salaried		1764	030219	Check Issued	826.24	010 CIBC 8521476
PYCHK-02 Linda Merttel	Salaried	V	1765	030219 121019	Check Issued	1,002.43	010 CIBC 8521476
PYCHK-01 Sam O'Neil	Salaried		1766	030219	Check Issued	1,239.86	010 CIBC 8521476
PYCHK-05 Jill Vandyke	Salaried		1767	030219	Check Issued	478.43	010 CIBC 8521476
PYCHK-14 Lee Bahamas	Salaried		1768	030219	Check Issued	1,437.54	010 CIBC 8521476
PYCHK-09 Mathew Carrington	Salaried		1769	030219	Check Issued	1,019.12	010 CIBC 8521476
PYCHK-19 Sean Conner	Salaried		1770	030219	Check Issued	1,315.64	010 CIBC 8521476
PYCHK-10 John Cruise	Salaried		1771	030219	Check Issued	994.46	010 CIBC 8521476
PYCHK-24 Timothy Dalton	Salaried		1772	030219	Check Issued	989.81	010 CIBC 8521476
PYCHK-08 Joe Fox	Salaried		1773	030219	Check Issued	1,006.18	010 CIBC 8521476
PYCHK-26 Raj Gupta	Salaried		1774	030219	Check Issued	9,220.22	010 CIBC 8521476
PYCHK-21 Mark Hamilton	Salaried		1775	030219	Check Issued	1,034.45	010 CIBC 8521476
PYCHK-23 Jamie Henderson	Salaried		1776	030219	Check Issued	1,043.05	010 CIBC 8521476
PYCHK-16 Mike Jackson	Salaried		1777	030219	Check Issued	1,103.00	010 CIBC 8521476

Issued Check

Voided Check

PAYROLL - PAYCHECKS LISTING FOR EMPLOYEE

Date: Dec 16, 2019
Time: 1:28 AM EST

Employee	Type	Void	Check/EFT Number	Check/Void Date	Description	Amount	Employee Deposit Bank & Account	Issuing Bank Branch & Account
PYCHK-11 Frank Jones	Salaried		1778	030219	Check Issued	3,011.59		010 CIBC 8521476
PYCHK-13 Tommy Jones	Salaried		1779	030219	Check Issued	911.22		010 CIBC 8521476
PYCHK-07 Pascal Lemment	Salaried		1780	030219	Check Issued	810.37		010 CIBC 8521476
PYCHK-12 Vesper Lynd	Salaried		1781	030219	Check Issued	950.93		010 CIBC 8521476
PYCHK-25 Bita Minoosh	Salaried		1782	030219	Check Issued	1,721.73		010 CIBC 8521476
PYCHK-17 Paul Serril	Salaried		1783	030219	Check Issued	1,007.15		010 CIBC 8521476
PYCHK-15 Lia Smith	Salaried		1784	030219	Check Issued	1,057.88		010 CIBC 8521476
PYCHK-20 Tilda Swinton	Salaried		1785	030219	Check Issued	1,181.53		010 CIBC 8521476
PYCHK-18 Scott Vardy	Salaried		1786	030219	Check Issued	1,260.27		010 CIBC 8521476
PYCHK-22 Sebb Vettel	Salaried		1787	030219	Check Issued	1,223.69		010 CIBC 8521476
PYCHK-31 Giovanni Cappola	Salaried		1788	030219	Check Issued	739.18	CAPITAL1 MAIN 78936045	010 CIBC 8521476
PYCHK-28 Ron Howard	Salaried		1789	030219	Check Issued	768.18		010 CIBC 8521476
PYCHK-29 Mara Rooney	Salaried		1790	030219	Check Issued	768.18		010 CIBC 8521476
PYCHK-30 Diana Sal	Salaried		1791	030219	Check Issued	768.18		010 CIBC 8521476
PYCHK-33 Sam Smith	Salaried		1792	030219	Check Issued	768.18		010 CIBC 8521476
PYCHK-27 Cate Walker	Salaried		1793	030219	Check Issued	787.19		010 CIBC 8521476

Direct Deposit Transaction with Pre-Notification setup. Payment is issued as check and included in Positive Pay File

Employee ID	Employee Name	Period Ending	Check No.
PYCHK-04	Cooper Anderson	03-02-2019	1762

Net Pay Calculation	Current	YTD
Gross Pay	1,442.31	2,884.62
Bonus	0.00	0.00
Other Earnings & Reimbursements	0.00	0.00
Taxes And Deductions	401.95	803.88
Check Amount	1,040.36	2,080.74

Taxes Withheld		Current	YTD
County Tax 150012088		23.42	46.84
Federal Taxes		221.59	443.18
MED EE		20.92	41.83
SEC EE		89.43	178.85
State Taxes IN	IN	46.59	93.18

Earnings Summary	Rate	Hours Current	Hours YTD	Earnings Current	Earnings YTD
Regular Wages	36.06	40.00	80.00	1,442.31	2,884.62

Other Earnings & Reimb.	Taxable	Current	YTD

Employee ID	Date	Check No.
PYCHK-04	03-02-2019	1762

2-480
710

Pay : ONE THOUSAND FORTY DOLLARS 36/100 $1,040.36

PAY TO THE ORDER OF Cooper Anderson
Jackson County, IN 47220

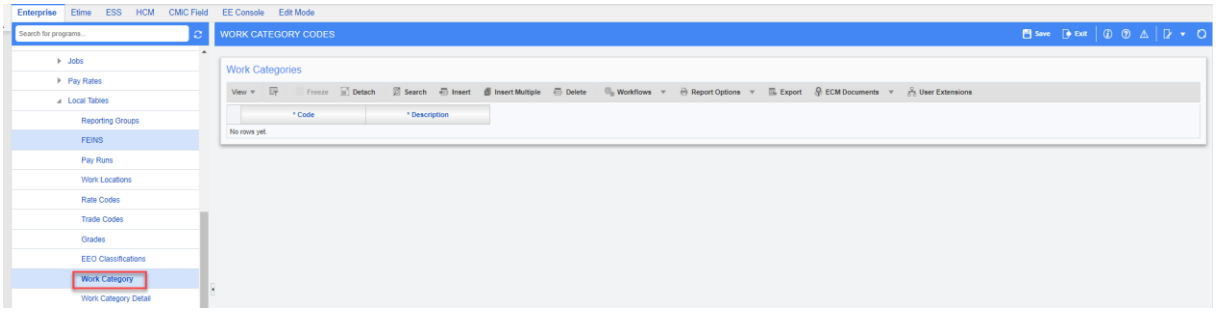
⑈000001762⑈ ⑆071006486⑆ 852147⑈

New E-Time Entry – Work Category & Types (19.79654) – BETA Version

New E-Time Entry by Work Category and Work Category Types – Beta Version (In Programming/Not Released).

In this release we have added two new screens under US Payroll Local Tables.

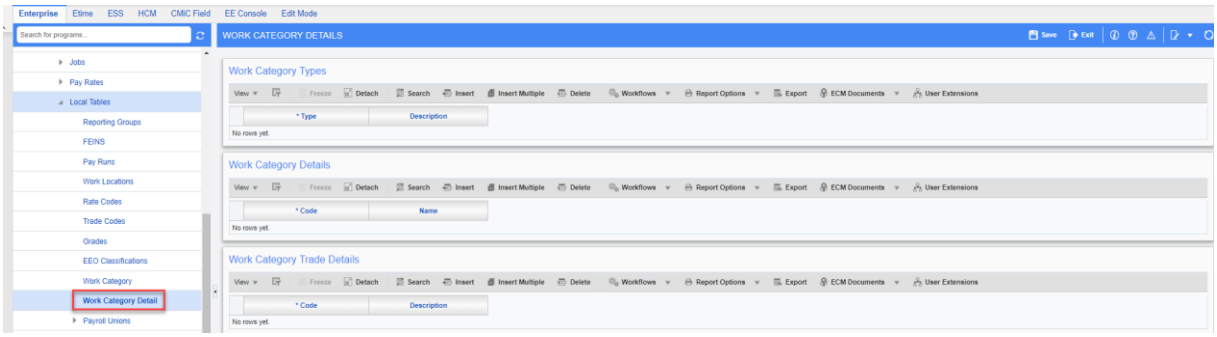
Work Category Screen – New Screen



A new screen is programmed to allow users to create 'Work Categories'. Employees would utilize these work categories when entering timesheets to create analytics on the employee spent time during the day. The screen will consist of two columns Category code and descriptions.

Work Category Details – New Screen

In order to manage these categories by employee and trade, these categories will be assigned to a specific group.



A new screen is programmed to allow users to create 'Work Category Types'. Users will be creating 'Work Category Type' based on employee trades daily work. The screen will have header to create Work Category Type and detail section to add work categories. The third block will allow users to

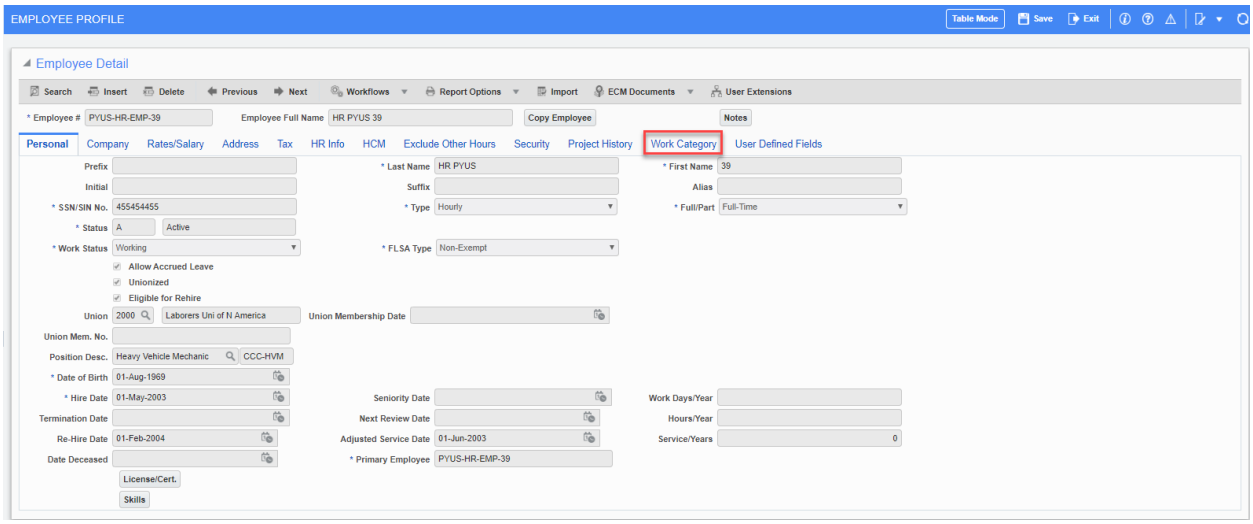
assign trade code where work Category type is applicable. This would allow e-timesheet program to filter categories by employee trades and they will only see work categories applicable to their trades.

Employee Profile – Employee Creation Process Modifications

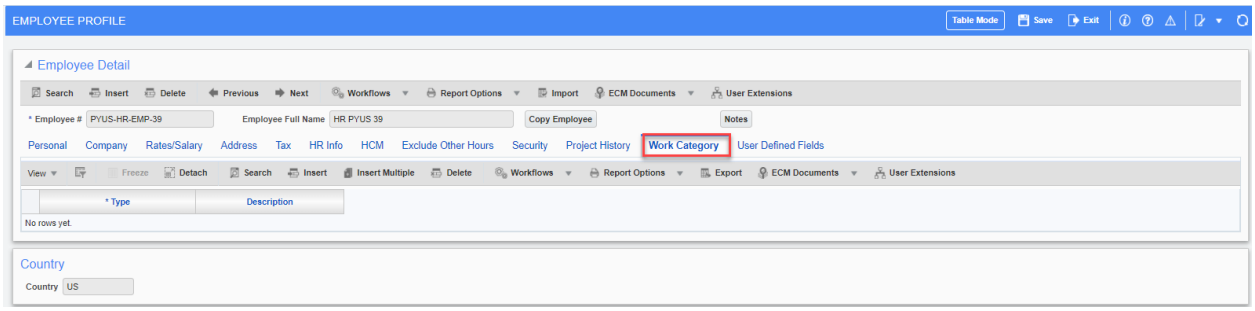
The Work Category Type will be assigned on employee level, the employee creation process will be modified to assign the Work Category Type automatically to the employee based on employee trade.

The process will search Work Category and assign trades to employees where trade code matches with employee trade. Users will continue to have an override feature to assign work category manually.

Employee Profile Work Category Tab > Work Category Type



The screen will be created for users to review and assign work category by employee.



E-Timesheet Entry Screen Modification (In Programming – Not Released in this Patch)

E-timesheet entry screen will be modified to add a new field called ‘Work Category’ after Job Category field. Timesheet will display all Work Categories based on employee assignments. Employees will select their work category from a drop-down list when entering timesheets.

Note: CMiC is adding an option to disable this feature for our existing users when released.

Change Default Posting Date (19.83333)

Currently the default posting date for payroll void checks is current day.

Program Modifications:

Void processing program changes made for the date to default to the latest posting date in a payroll calendar that has not been processed. This posting date would be based on Company, Pay Run, and Year fields entered.

CMiC has added a new window popup which is launched automatically after entering Pay Run and tabbing out of the Pay Run field.

The new pop-up window includes the following two options for `default posting date'.

- Current date (System Date)

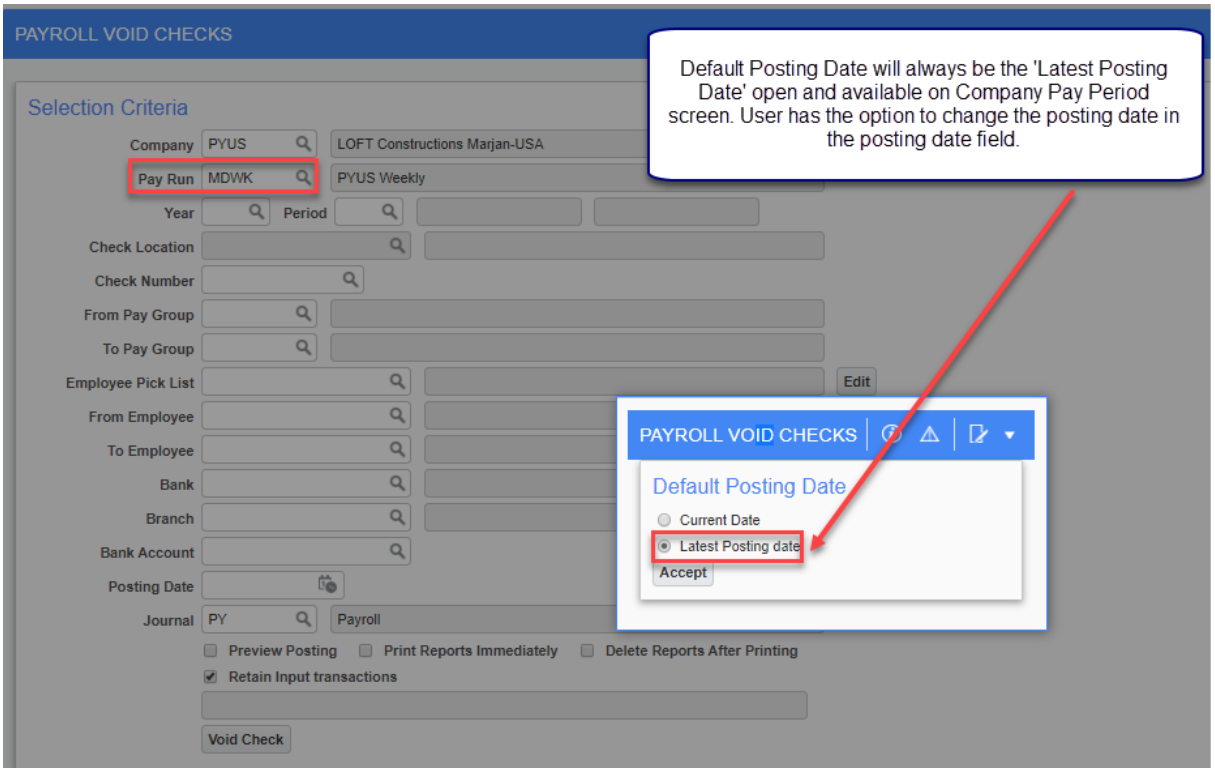
- Latest posting date (based on Company/Pay Run/Year (default))

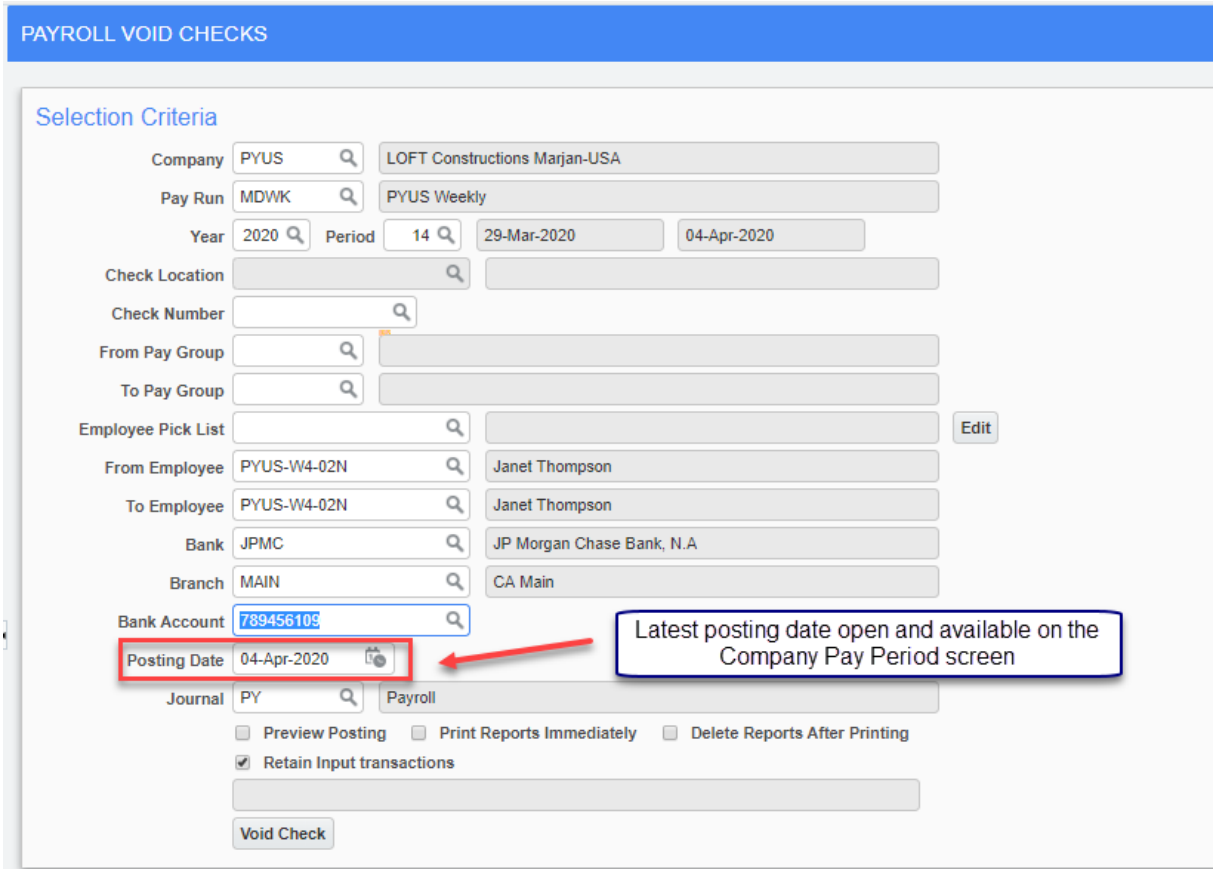
Note: Latest Posting Date is the default setting and is the latest posting date available and open on the Company Pay Period screen for the selected Pay Run.

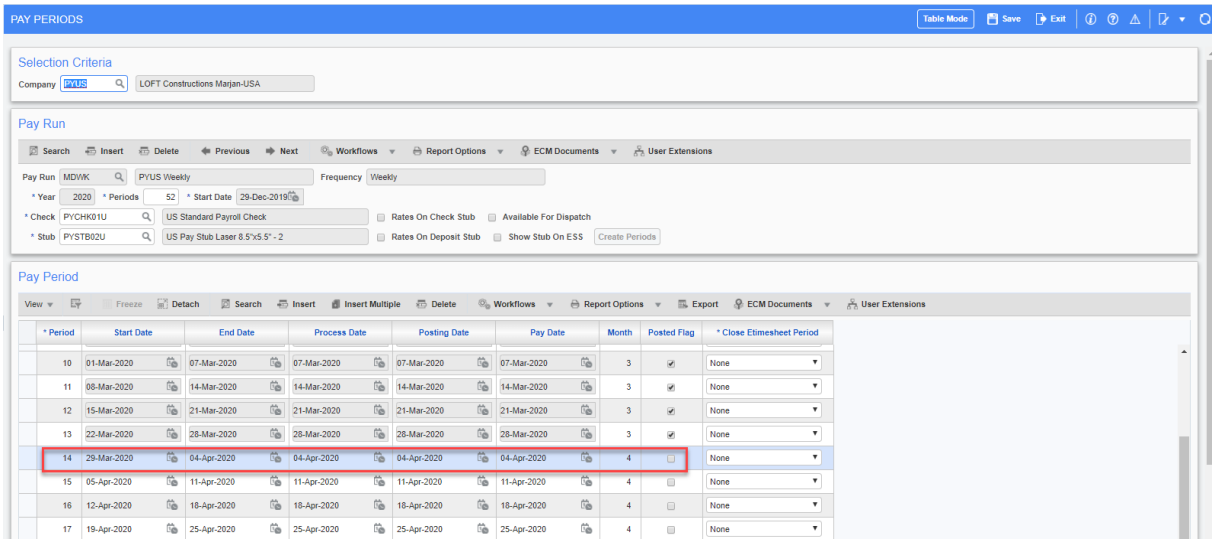
The new pop-up window is launched automatically after entering Ray Run and tabbing out of the Pay Run field.

User has the option of changing the pay period and posting date on the screen. The popup is only to set as default, user can change the posting date with any date after selecting the options on the Void Check program Posting Date field.

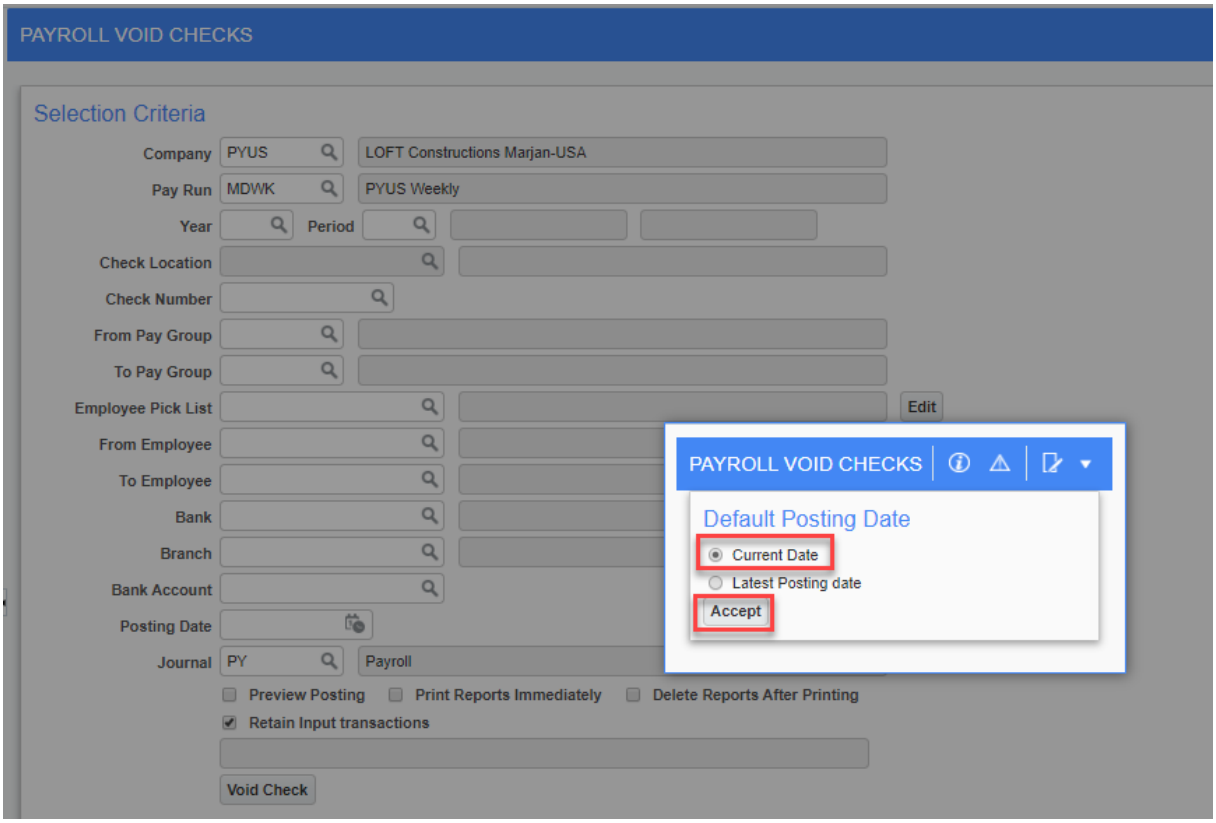
Latest Posting Date Option

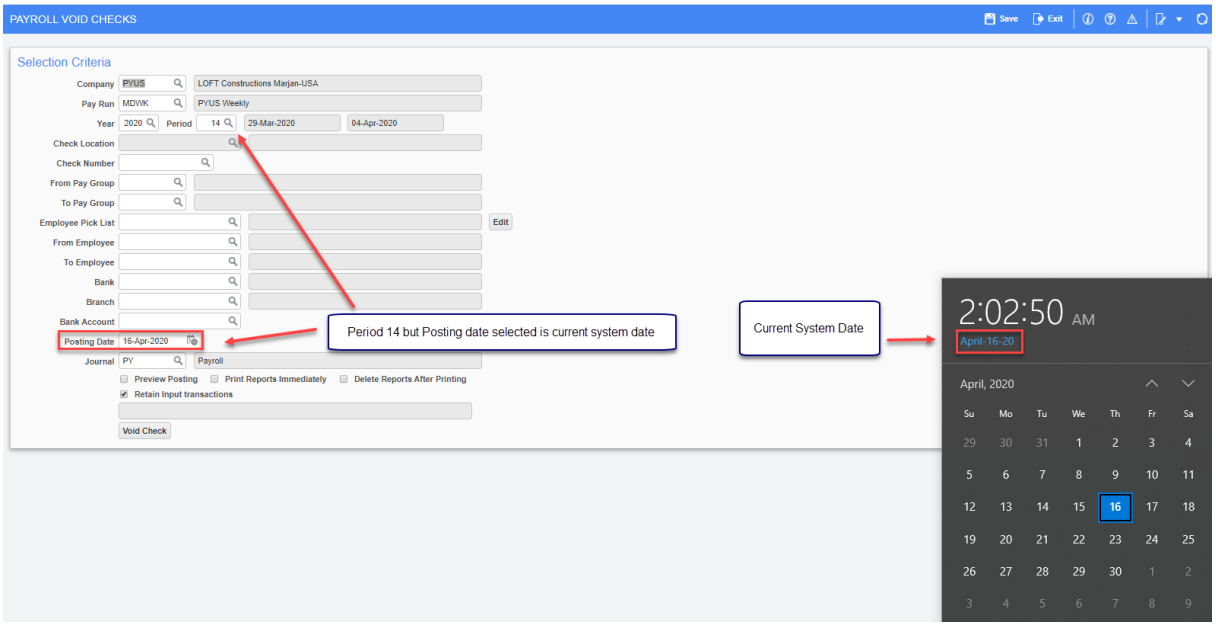



PAYROLL VOID CHECKS
Selection Criteria
Company
PYUS
LOFT Constructions Marjan-USA
Pay Run
MDWK
PYUS Weekly
Year
2020
Period
14
29-Mar-2020
04-Apr-2020
Check Location
Check Number
From Pay Group
To Pay Group
Employee Pick List
Edit
From Employee
PYUS-W4-02N
Janet Thompson
To Employee
PYUS-W4-02N
Janet Thompson
Bank
JPMC
JP Morgan Chase Bank, N.A
Branch
MAIN
CA Main
Bank Account
789456109
Posting Date
04-Apr-2020
Latest posting date open and available on the Company Pay Period screen
Journal
PY
Payroll
Preview Posting
Print Reports Immediately
Delete Reports After Printing
Retain Input transactions
Void Check


PAY PERIODS
Table Mode
Save
Exit
Selection Criteria
Company
PYUS
LOFT Constructions Marjan-USA
Pay Run
Search
Insert
Delete
Previous
Next
Workflows
Report Options
ECM Documents
User Extensions
Pay Run
MDWK
PYUS Weekly
Frequency
Weekly
Year
2020
Periods
52
Start Date
29-Dec-2019
Check
PYCHK01U
US Standard Payroll Check
Rates On Check Stub
Available For Dispatch
Stub
PYSTB02U
US Pay Stub Laser 8.5"x5.5" - 2
Rates On Deposit Stub
Show Stub On ESS
Create Periods
Pay Period
View
Freeze
Detach
Search
Insert
Insert Multiple
Delete
Workflows
Report Options
Export
ECM Documents
User Extensions
Period
Start Date
End Date
Process Date
Posting Date
Pay Date
Month
Posted Flag
Close Timesheet Period
10 01-Mar-2020 07-Mar-2020 07-Mar-2020 07-Mar-2020 07-Mar-2020 3 None
11 08-Mar-2020 14-Mar-2020 14-Mar-2020 14-Mar-2020 14-Mar-2020 3 None
12 15-Mar-2020 21-Mar-2020 21-Mar-2020 21-Mar-2020 21-Mar-2020 3 None
13 22-Mar-2020 28-Mar-2020 28-Mar-2020 28-Mar-2020 28-Mar-2020 3 None
14 29-Mar-2020 04-Apr-2020 04-Apr-2020 04-Apr-2020 04-Apr-2020 4 None
15 05-Apr-2020 11-Apr-2020 11-Apr-2020 11-Apr-2020 11-Apr-2020 4 None
16 12-Apr-2020 18-Apr-2020 18-Apr-2020 18-Apr-2020 18-Apr-2020 4 None
17 19-Apr-2020 25-Apr-2020 25-Apr-2020 25-Apr-2020 25-Apr-2020 4 None

Current Posting Date Option





Wells Fargo Bank Positive Pay File – Generic Changes (19.84112)

CMiC has modified and updated the standard routine for Wells Fargo Positive Pay File to be generic:

1. Increased the bank account number field on the detail record from 10 to 15 digits.

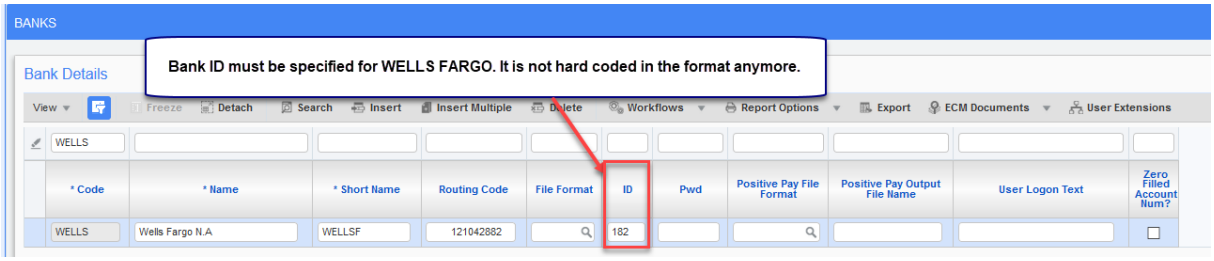
2. Removed hard coding of bank ID on the header record. Modified the program to retrieve the 'Bank ID' from the Bank ID setup on the System > Global Tables > Banking -> Banks screen.

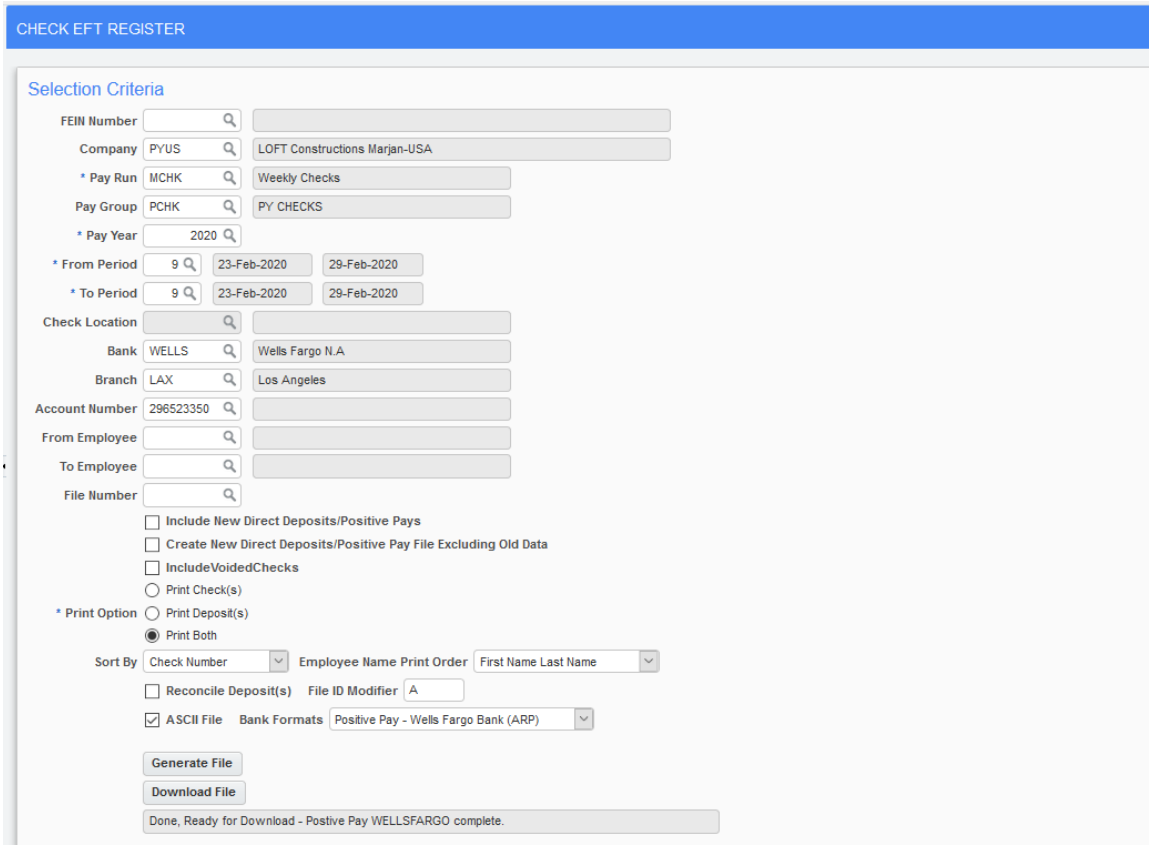
Previously the Bank ID was hard coded; the routine is modified to get the Bank ID from Bank screen under Banking Global Tables instead of having hardcoded bank ID 'WFBI'.

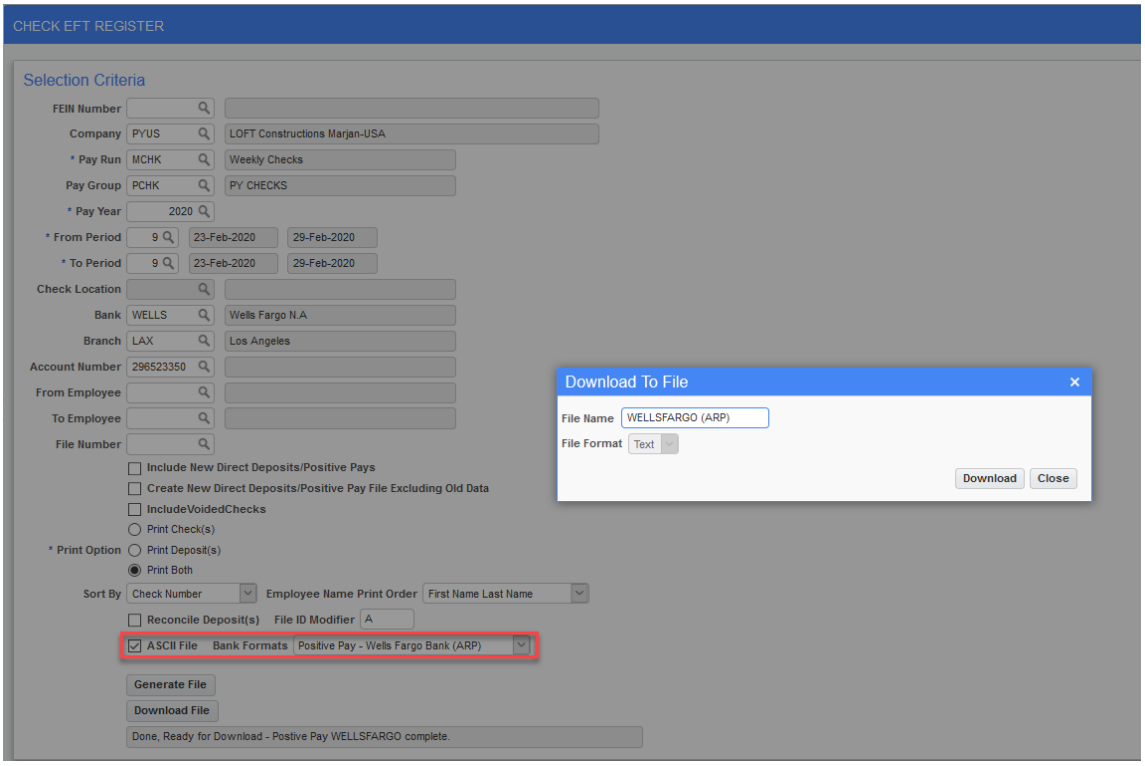
Pre-Requisites

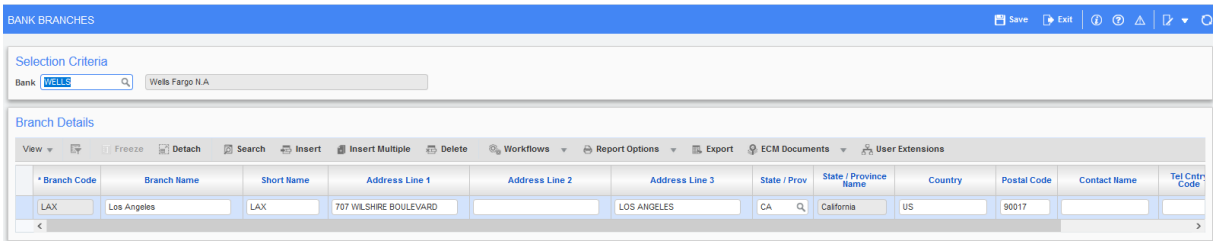
Customer should ensure to have their Banking Information and Bank ID setup completed in CMiC System under Global Tables→ Banking Maintenance.

Process Payroll and print checks. Under Processing > Reports > Check/EFT Register, select bank format: **Positive Pay – Wells Fargo Bank (ARP).**

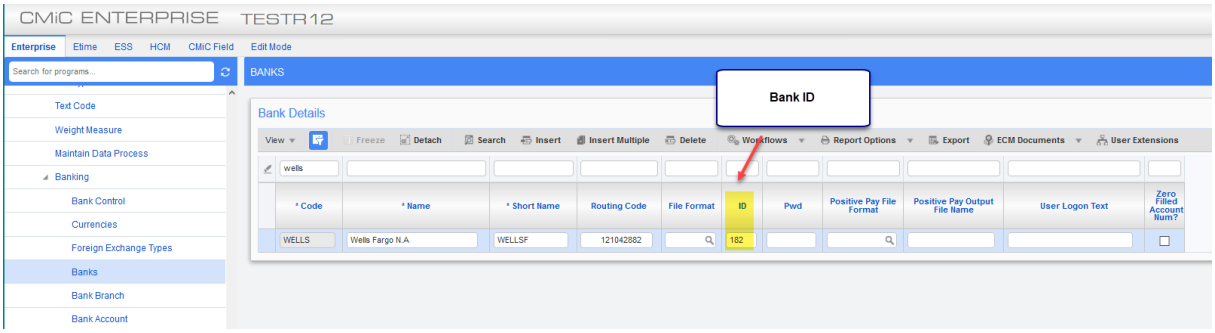








The routine is modified to get the Bank ID from Bank screen under Banking Global Tables instead of having hardcoded bank ID ‘WFBI’.



WELLSFARGO (ARP)-1.txt - Notepad

File Edit Format View Help

Bank ID is 182

```
*0300182000000296523350
0000000001022920000000296523350320000010169OPYCHK-04
0000000002022920000000296523350320000014299OPYCHK-14
0000000003022920000000296523350320000008745OPYCHK-06
0000000004022920000000296523350320000010095OPYCHK-09
0000000005022920000000296523350320000013060OPYCHK-19
0000000006022920000000296523350320000009949OPYCHK-10
0000000007022920000000296523350320000009811OPYCHK-24
0000000008022920000000296523350320000009965OPYCHK-08
0000000009022920000000296523350320000092300OPYCHK-26
0000000010022920000000296523350320000010274OPYCHK-21
0000000011022920000000296523350320000010334OPYCHK-23
0000000012022920000000296523350320000007586OPYCHK-28
0000000013022920000000296523350320000010934OPYCHK-16
0000000014022920000000296523350320000008275OPYCHK-03
0000000015022920000000296523350320000029978OPYCHK-11
0000000016022920000000296523350320000009026OPYCHK-13
0000000017022920000000296523350320000008007OPYCHK-07
0000000018022920000000296523350320000009413OPYCHK-12
0000000019022920000000296523350320000009953OPYCHK-02
0000000020022920000000296523350320000017052OPYCHK-25
0000000021022920000000296523350320000012337OPYCHK-01
0000000022022920000000296523350320000007586OPYCHK-29
0000000023022920000000296523350320000007586OPYCHK-30
0000000024022920000000296523350320000009975OPYCHK-17
0000000025022920000000296523350320000007586OPYCHK-33
0000000026022920000000296523350320000010491OPYCHK-15
0000000027022920000000296523350320000011728OPYCHK-20
0000000028022920000000296523350320000004684OPYCHK-05
0000000029022920000000296523350320000012478OPYCHK-18
0000000030022920000000296523350320000012140OPYCHK-22
0000000031022920000000296523350320000007775OPYCHK-27
&              00031    0004136037
```

Checks issued

LOFT Constructions Marjan-USA
22400 Viva Drive
10
Irvine CA 92618

Employee ID	Date	Check No.
PYCHK-04	02-29-2020	1

$1,016.90

PAY: **ONE THOUSAND SIXTEEN DOLLARS 90/100**

PAY TO THE ORDER OF Cooper Anderson
Jackson County IN 47220

⑈000000000 1⑈ ⑆121404288 2⑆ 296523350⑈

Employee Pay Rate Shift Code Indicator (19.86120)

CMiC has added a `Shift Code' column after the 'Trade' column in the `Employee Pay Rates' Screen. If the 'Shift Code' is changed an alert pop-up message will display, if user wants to update the un-posted timesheets with new rates based on shift code.

Modification:

Employee Pay Rate screen is modified with addition of a 'Shift Code' column where an employee specific alternate shift pay rate can be entered. The Shift Code column is drop down list with All Shifts, Day Shift, Evening Shift and Night Shift values.

If an employee specific shift pay rate is entered in Employee Pay Rate screen and that specific alternate shift code is selected on JSP Crew Time Entry to enter time against Job and/or Equipment, then the employee's wages will be calculated using that specific alternate shift rate as defined on the Employee Pay Rate screen.

Implementation:

Note: Your Timesheet default shift code is based on the Payroll Company Control settings for E Time and Regular timesheets.

For Regular and JSP Crew Timesheet entry user can change the shift code value when entering time.

Default shift code for Crew Timesheet is defined and based on System Options settings.

For JSP E-Timesheet there is no shift column/field available on E Time entry screen. Employee Pay Rate is always defaulted to 'All Shifts' regardless of Payroll Company Control E Timesheet Tab settings for default shift code and/or System Options.

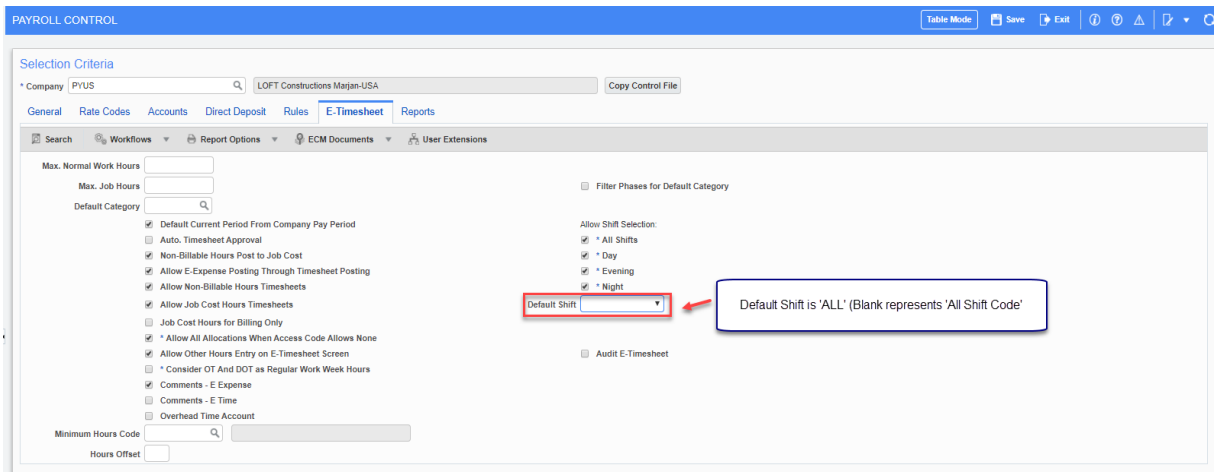
Company Control - Default Shift code defined 'Blank' represents 'All Shifts' code in Company Control

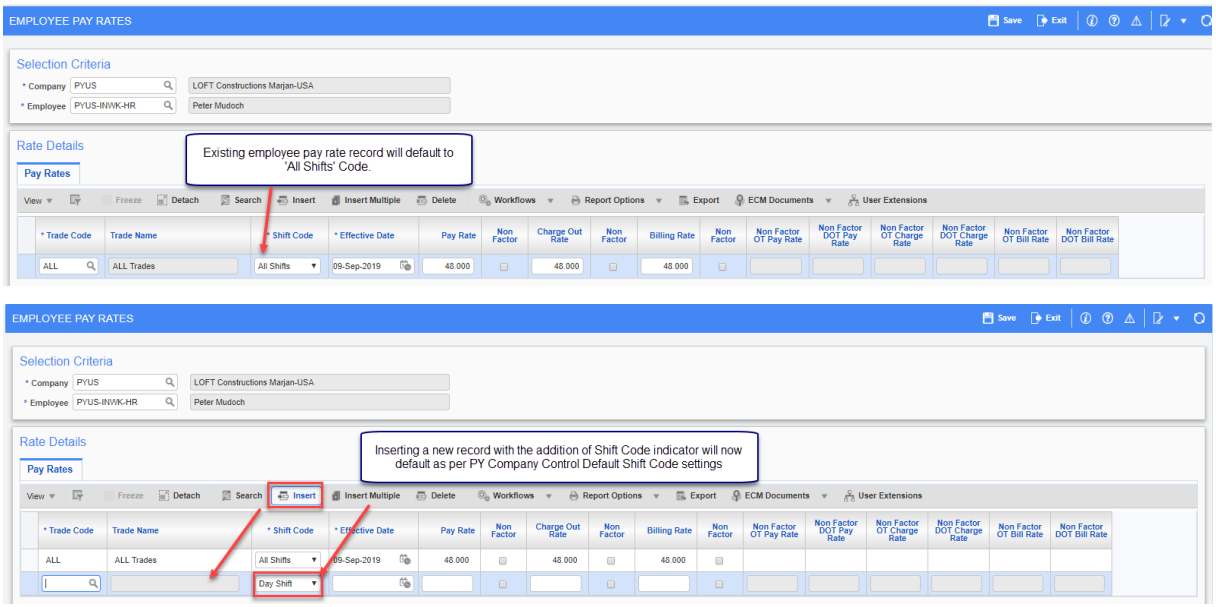
Regular Timesheet entry a blank shift code represents 'All Shifts' code value.

The added shift code column on the Employee Pay Rate screen will default to 'All Shift' value. User can change and select shift code values from the drop-down list. Un-Posted timesheet are updated with a new pay rate change.

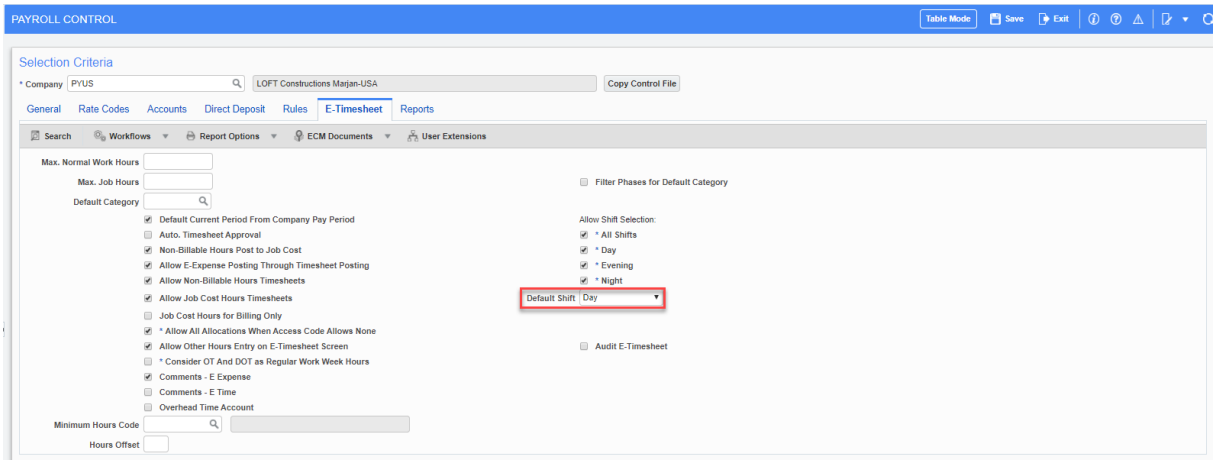
Note: Existing Employee Pay Rate record will default to All Shifts Code.

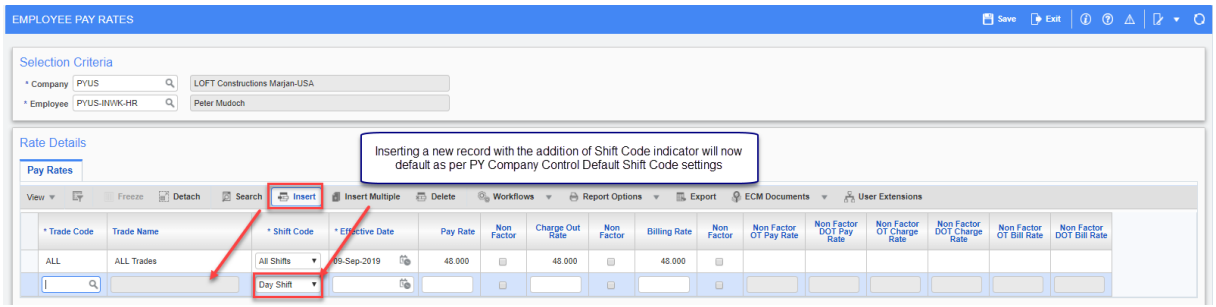
Company Control - Default Shift code defined 'Blank' represents 'All Shifts' code in Company Control



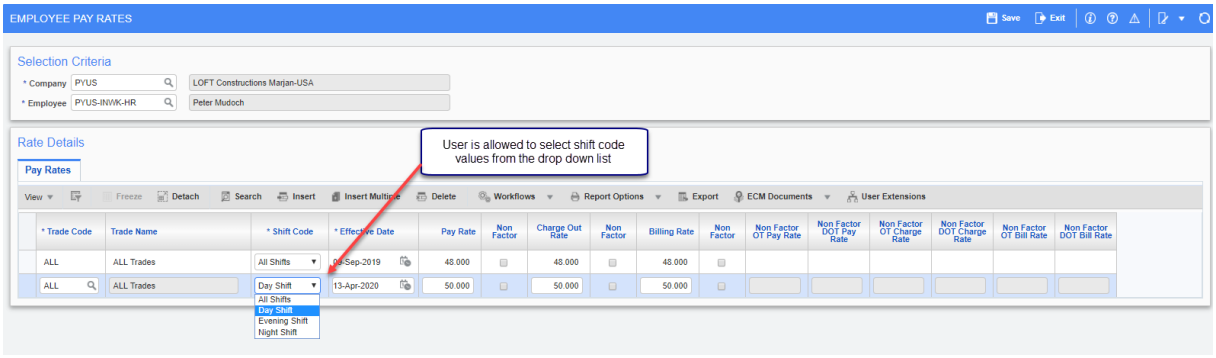


Inserting a new record will default to Shift Code value defined on PY Company Control Default Shift code setting.

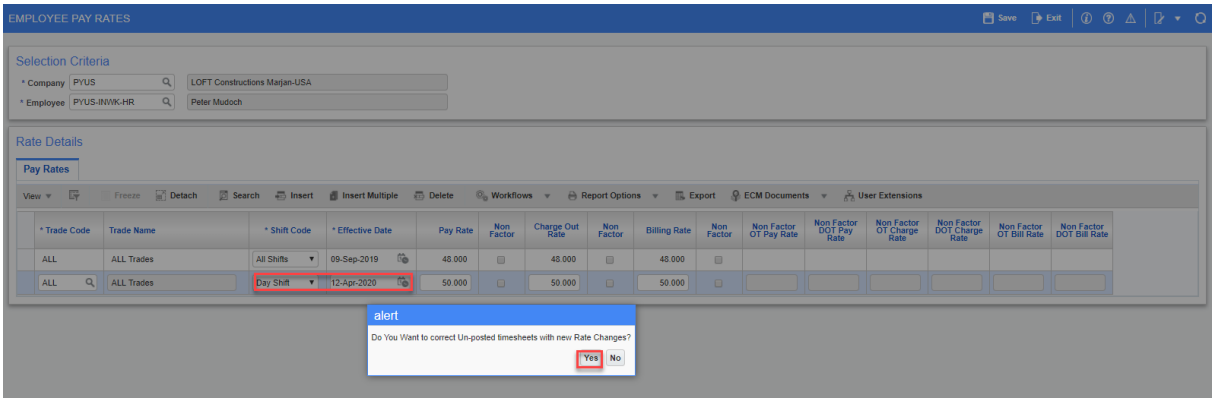




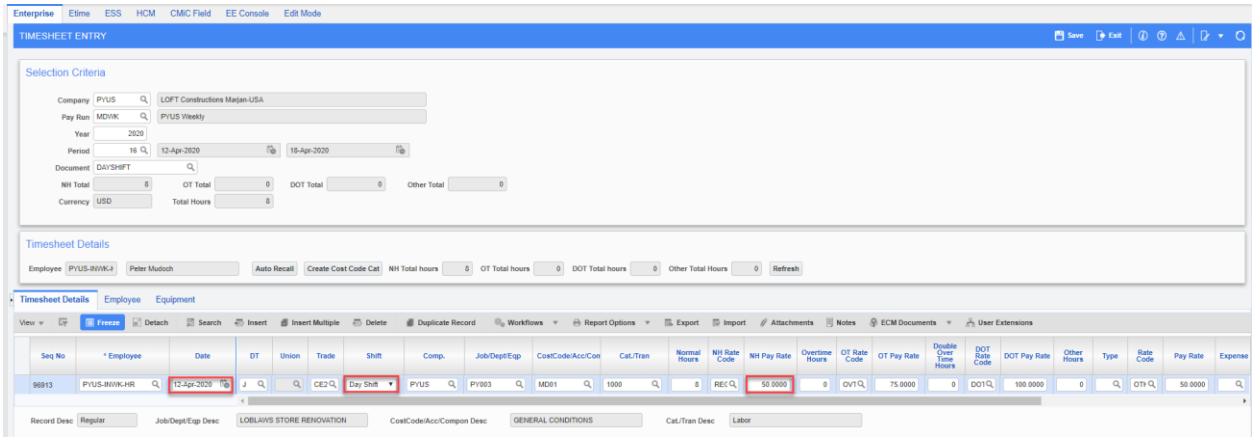
User can select shift code value from the drop down list



Employee Pay Rate updates unposted timesheets (Regular, E Time and Crew Time) based on Effective Date and Shift Code and Trade.



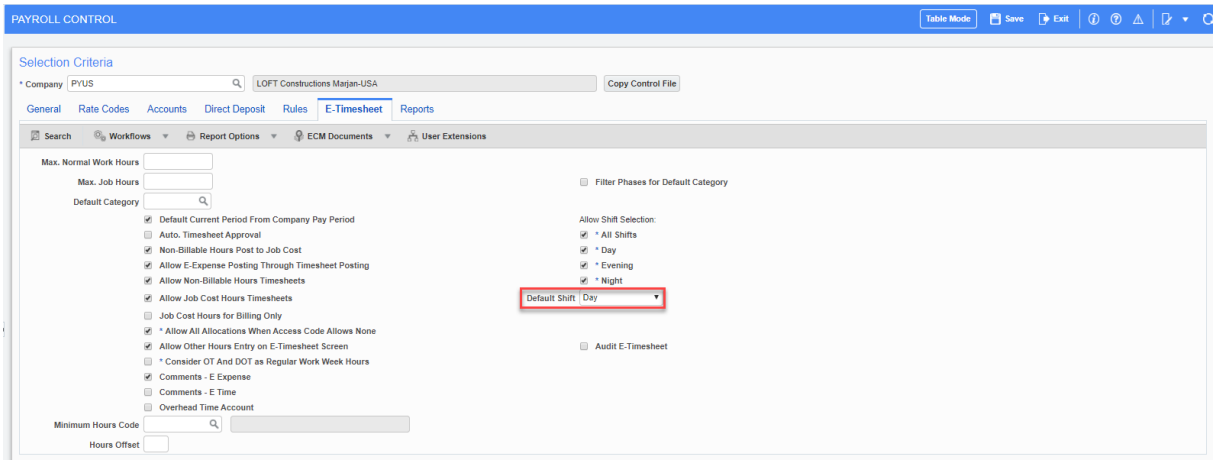
Regular Timesheet - Insert record

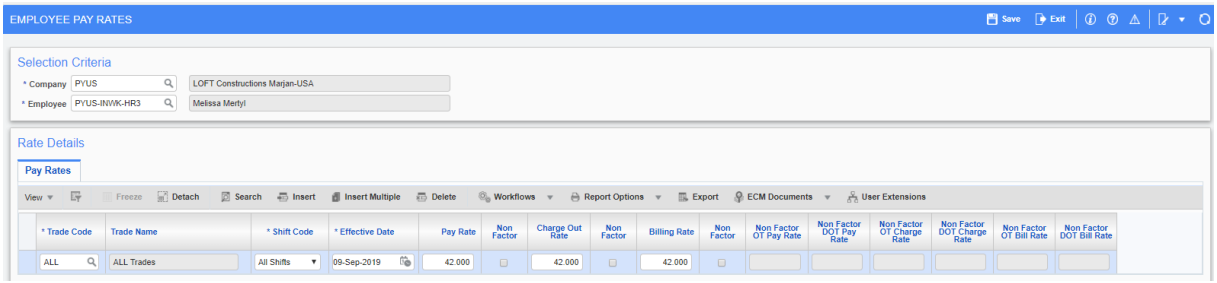


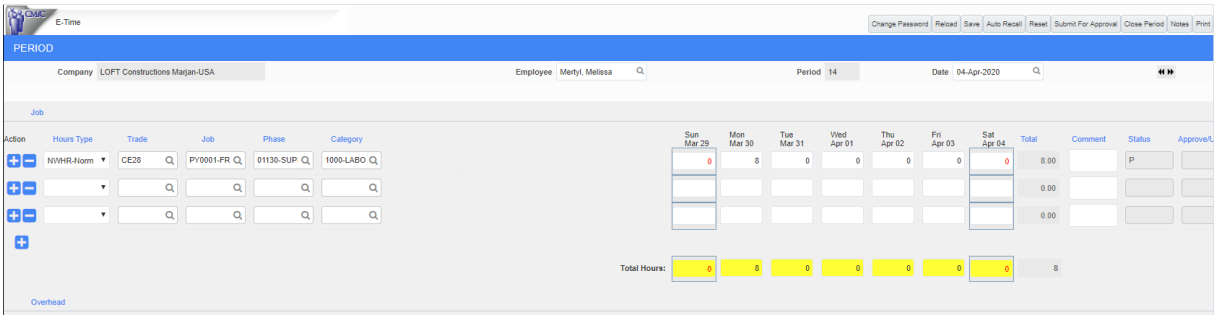
Entering E Time

Currently Payroll Company Control default shift is set to ‘Day’ Shift.

Note: For JSP E-Timesheet there is no shift column/field available on E Time entry screen. Employee Pay Rate is always defaulted to ‘All Shifts’ regardless of Payroll Company Control E Timesheet Tab settings for default shift code and/or System Options.







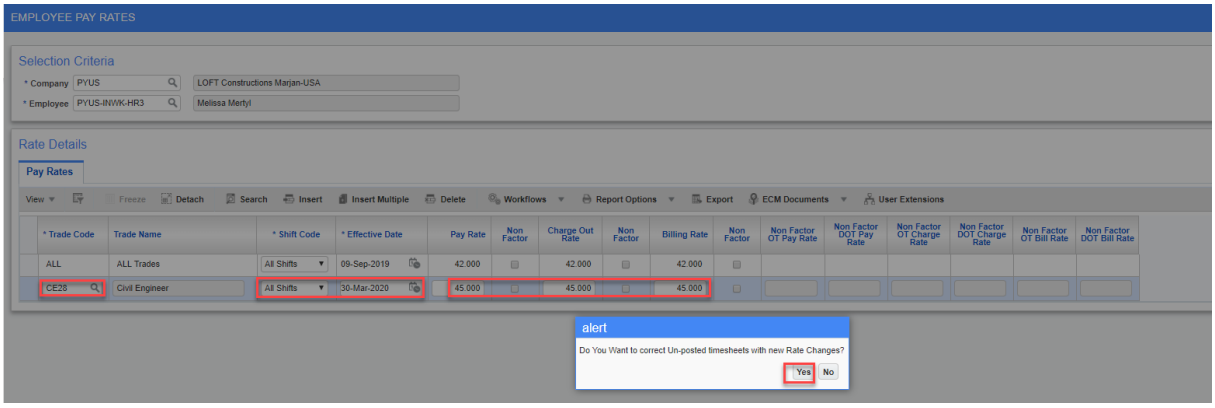
CMiC

PYUS - LOFT Constructions Marjan-USA
PAYROLL - TIMESHEET EDIT LIST BY EMPLOYEE

Page: 1 of 1
Date: Apr 15, 2020
Time: 4:54 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-INWK-HR3			**Melissa Mertyl**									**NWHR: 8**		**OVHR: 0**		**DTHR: 0**		**OTHR: 0**	
Period:	**14**																		
30-Mar-2020	PYUS	J	PY0001	01130	1000	5606		CE28	IN1	00	5200.100	N	Normal	0.00	8.00	42.000	336.00	42.000	336.00
			Freshmart Grocery Store										All Shifts						
														Period 14 Total:	**8.00**		**336.00**		**336.00**
														Employee Total:	**8.00**		**336.00**		**336.00**
														Grand Total:	**8.00**		**336.00**		**336.00**

Update employee pay rate



CMiC

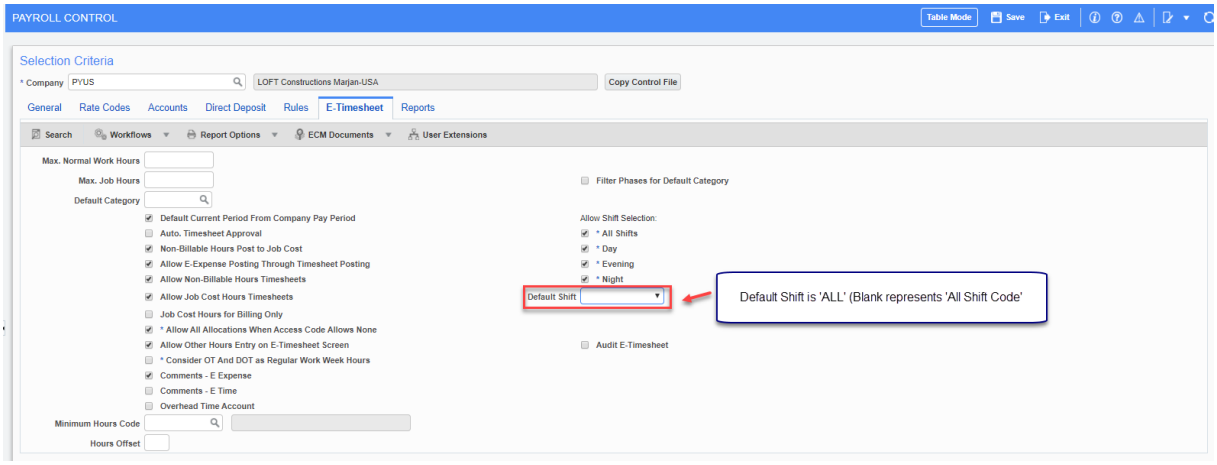
PYUS - LOFT Constructions Marjan-USA
PAYROLL - TIMESHEET EDIT LIST BY EMPLOYEE

Page: 1 of 1
Date: Apr 15, 2020
Time: 4:58 PM EDT

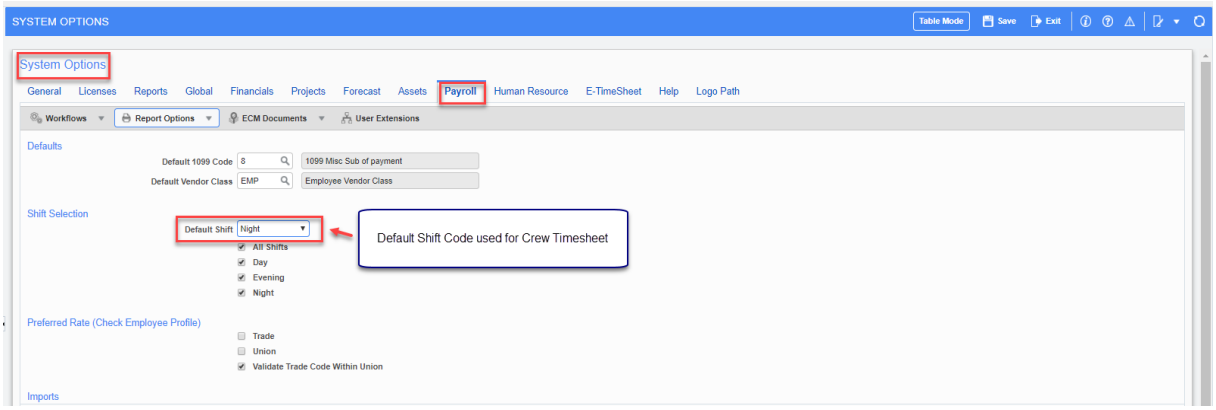
Date	Comp	TRN TYP	Job/Eqp/WO Code	Phase/ Equip. Cat.	Cat./Tr/ WO Exp	WCB Code	Union	Trade / Batch#	Work Loc.	Dept	Account	Tran Stat.	Rate Type/ Shift/Void Date	Expense Quantity	Hours	PayRate	Amount	Billable Rate	Billable Amount
Employee: PYUS-INWK-HR3			**Melissa Mertyl**									**NWHR: 8**		**OVHR: 0**		**DTHR: 0**		**OTHR: 0**	
Period:	**14**																		
30-Mar-2020	PYUS	J	PY0001	01130	1000	5606		CE28	IN1	00	5200.100	N	Normal	0.00	8.00	45.000	360.00	45.000	360.00
			Freshmart Grocery Store										All Shifts						
														Period 14 Total:	**8.00**		**360.00**		**360.00**
														Employee Total:	**8.00**		**360.00**		**360.00**
														Grand Total:	**8.00**		**360.00**		**360.00**

Crew Timesheet Entry

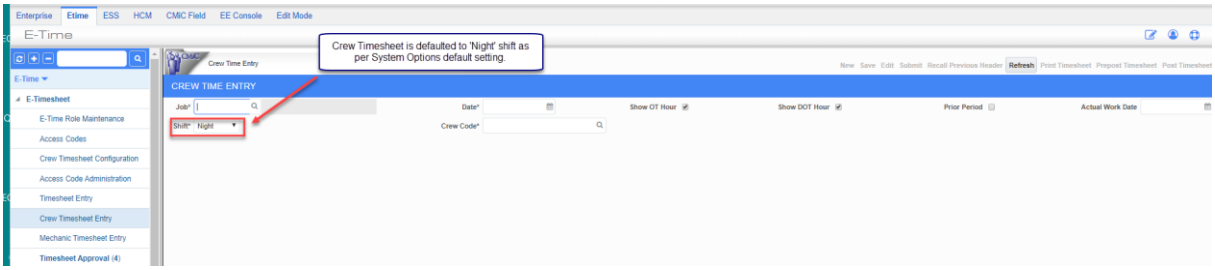
Payroll Company Control Deafult Shift Code is blank which is set ‘ALL Shift’



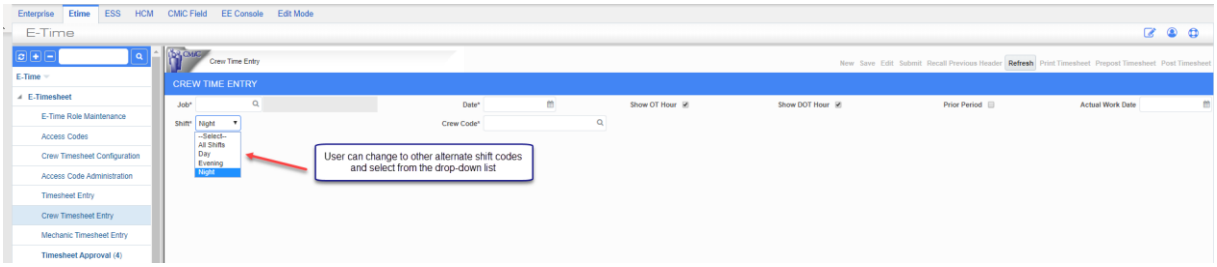
System Options Default Shift Code is set to ‘Night’



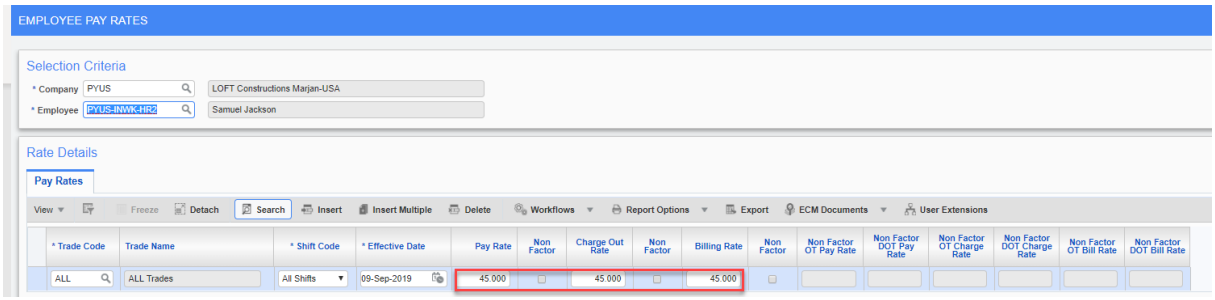
Crew Timesheet will default to System Options Default Shift code settings.



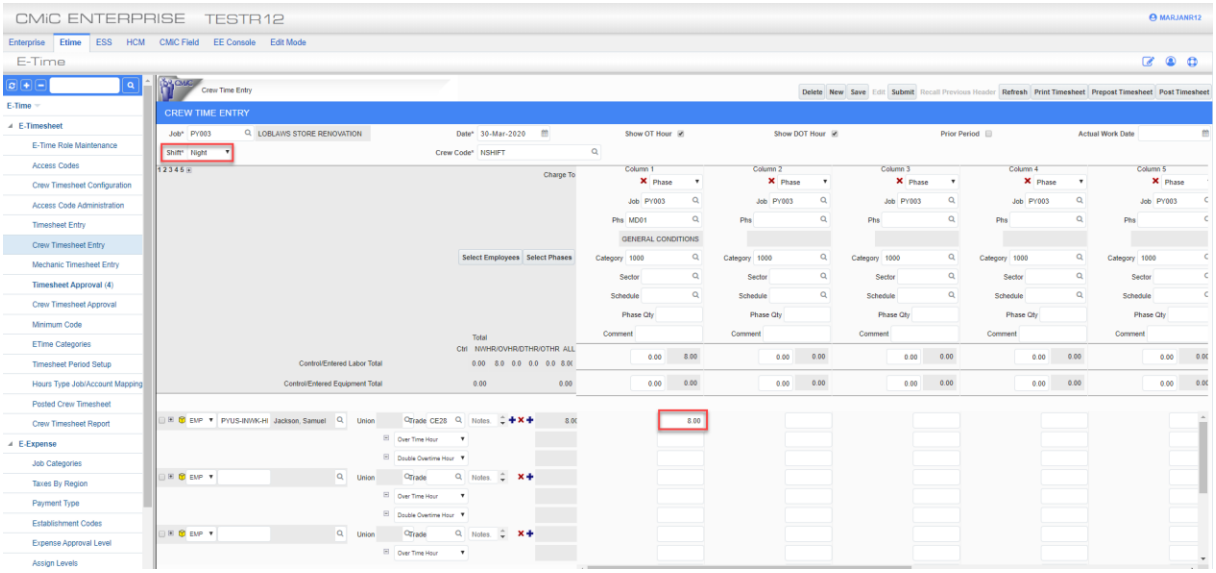
User can change to other alternate shift codes.



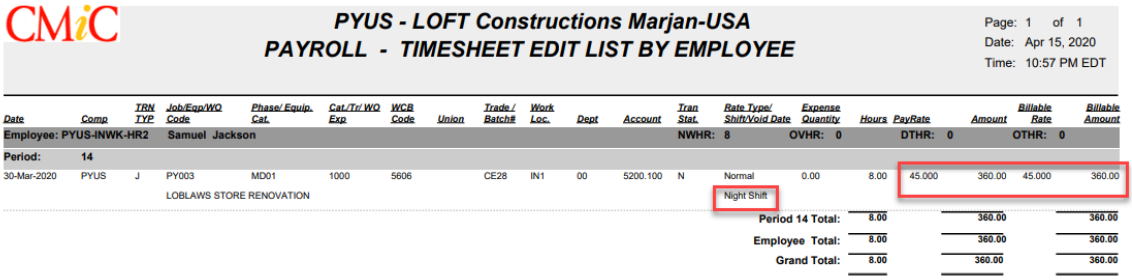
Employee current pay rate default to ALL Shift under EE Pay Rate screen



Entered crew timesheet for Night Shift



Timesheet Edit listing on Unpost Crew Timesheet displays the current pay rate

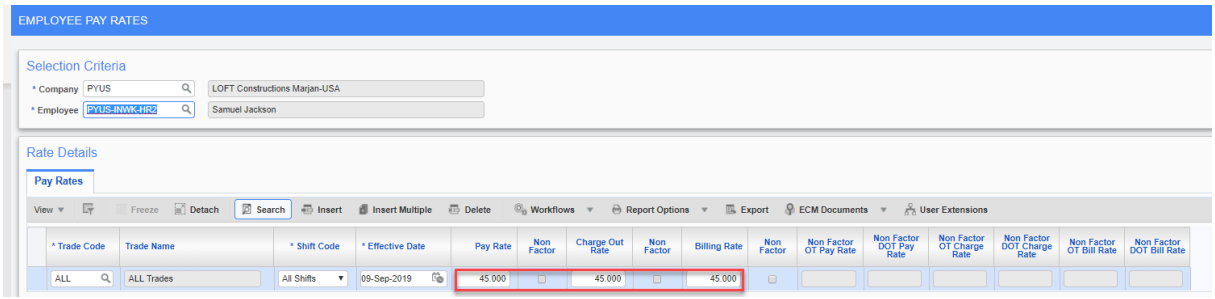


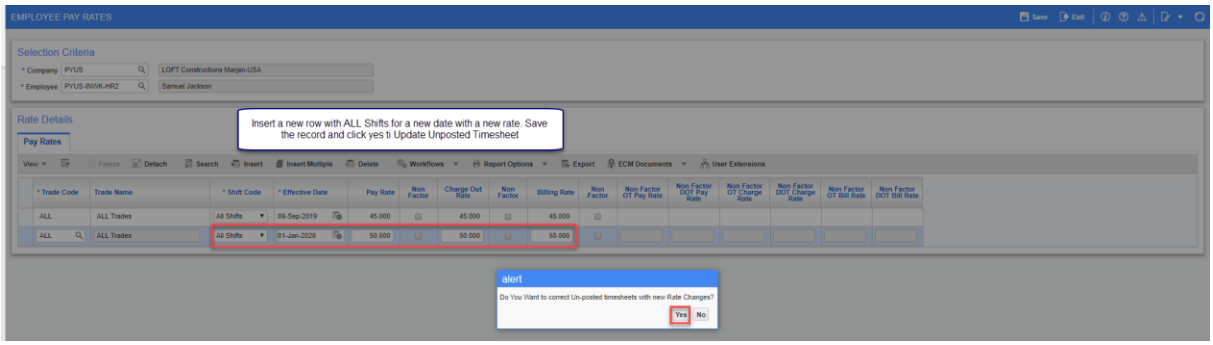
CMiC

PYUS - LOFT Constructions Marjan-USA
PAYROLL - TIMESHEET EDIT LIST BY EMPLOYEE

Page: 1 of 1
Date: Apr 15, 2020
Time: 10:57 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-INWK-HR2			**Samuel Jackson**									**NWHR: 8**		**OVHR: 0**		**DTHR: 0**		**OTHR: 0**	
Period:	**14**																		
30-Mar-2020	PYUS	J	PY003	MD01	1000	5606		CE28	IN1	00	5200.100	N	Normal	0.00	8.00	45.000	360.00	45.000	360.00
			LOBLAWS STORE RENOVATION										Night Shift						
															Period 14 Total:		**8.00**		**360.00**		**360.00**
															Employee Total:		**8.00**		**360.00**		**360.00**
															Grand Total:		**8.00**		**360.00**		**360.00**





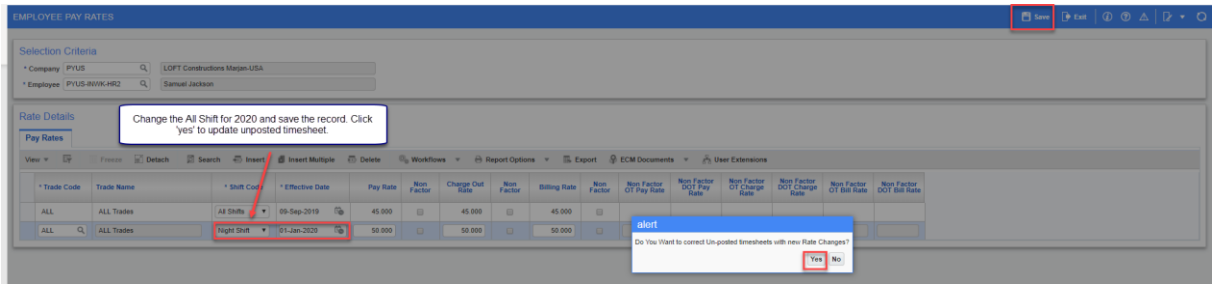
Timesheet entered for 30/March/2020 as Night Shift. The Rate of 50 per hour was not picked up due to the All Shift Code. Working as expected.

CMiC

PYUS - LOFT Constructions Marjan-USA
PAYROLL - TIMESHEET EDIT LIST BY EMPLOYEE

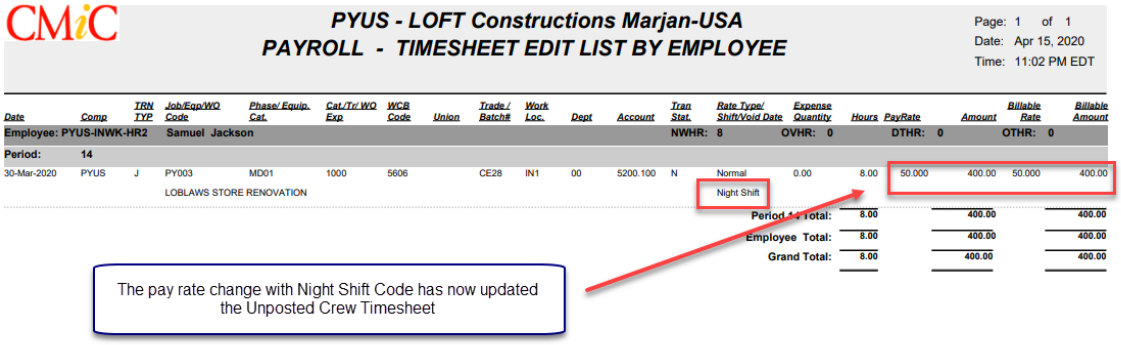
Page: 1 of 1
Date: Apr 15, 2020
Time: 11:00 PM EDT

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-INWK-HR2			**Samuel Jackson**									**NWHR: 8**		**OVHR: 0**		**DTHR: 0**		**OTHR: 0**	
Period:	**14**																		
30-Mar-2020	PYUS	J	PY003	MD01	1000	5606		CE28	IN1	00	5200.100	N	Normal	0.00	8.00	45.000	360.00	45.000	360.00
			LOBLAWS STORE RENOVATION										Night Shift						
														Period 14 Total:	**8.00**		**360.00**		**360.00**
														Employee Total:	**8.00**		**360.00**		**360.00**
														Grand Total:	**8.00**		**360.00**		**360.00**



The new rate is now updated since it fulfills the conditions of Shift Code indicator and effetive date.

The Night Shift Code along with the effective date on Crew Timesheet Unposted timesheet meets the condition and hence the unposted time record is updated.



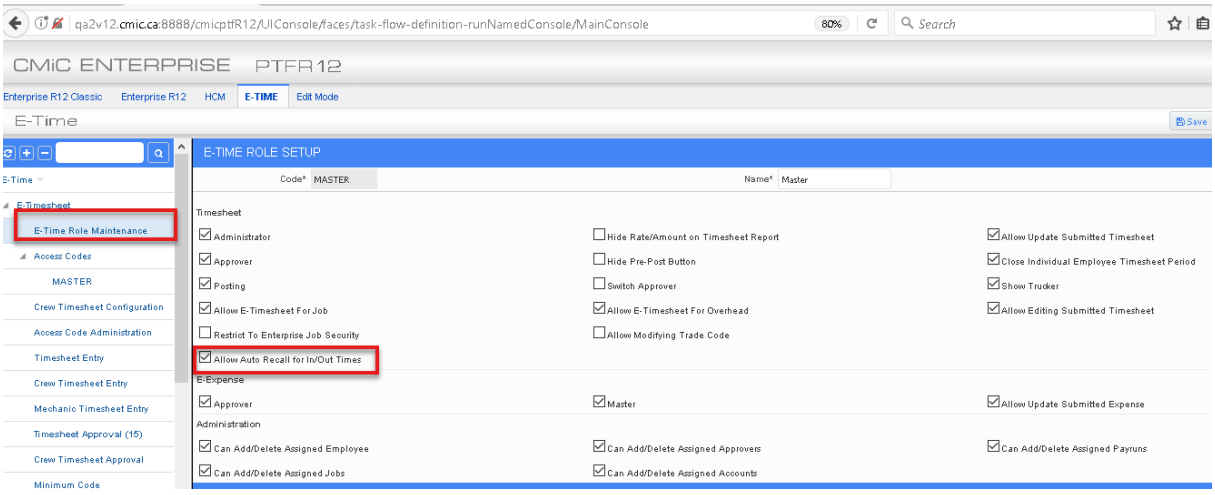
E-Time Auto Recall for In/Out Time (19.86496)

Auto Recall functionality has been added in E-Time to Recall In/Out time entered in the last Period similar to how time entries can be Auto Recalled from the last period.

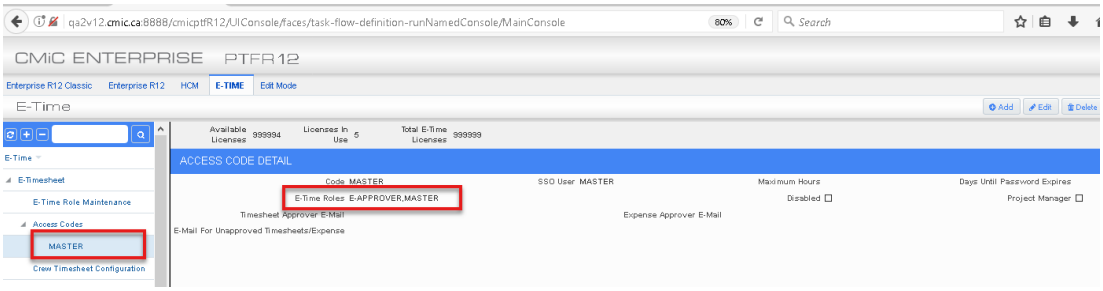
Pre-requisites

To Auto Recall In/Out time, the role assigned to corresponding E-Time Access code should have the flag **Allow Auto Recall for In/Out Time** enabled as shown in the screenshots below:

A) Enable the flag for corresponding Role:



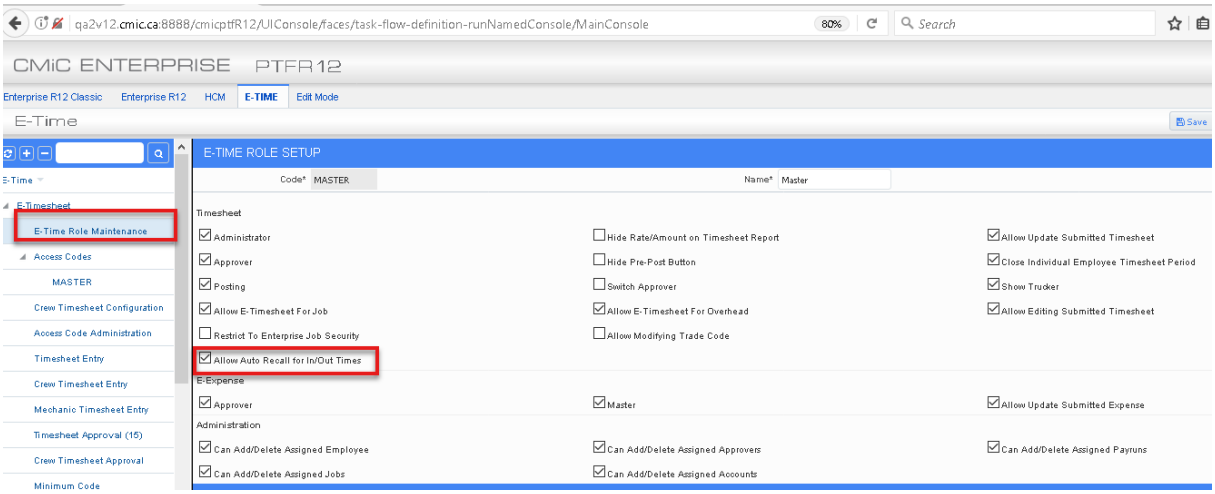
B) Assign the role with Auto Recall privilege to an Access Code:



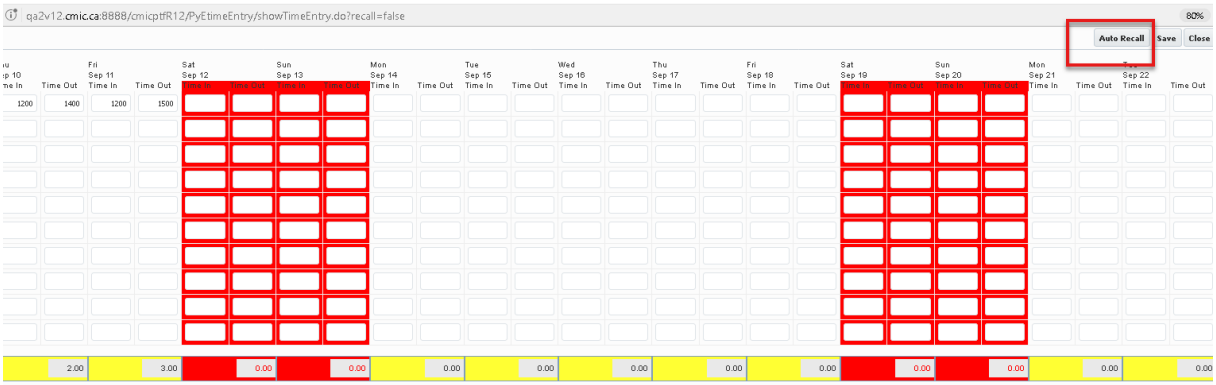
Modifications

The modifications made to implement this functionality are as follows:

1) A flag has been added in **E-Time Role Maintenance** screen to assign the privilege of Recalling in/Out time:



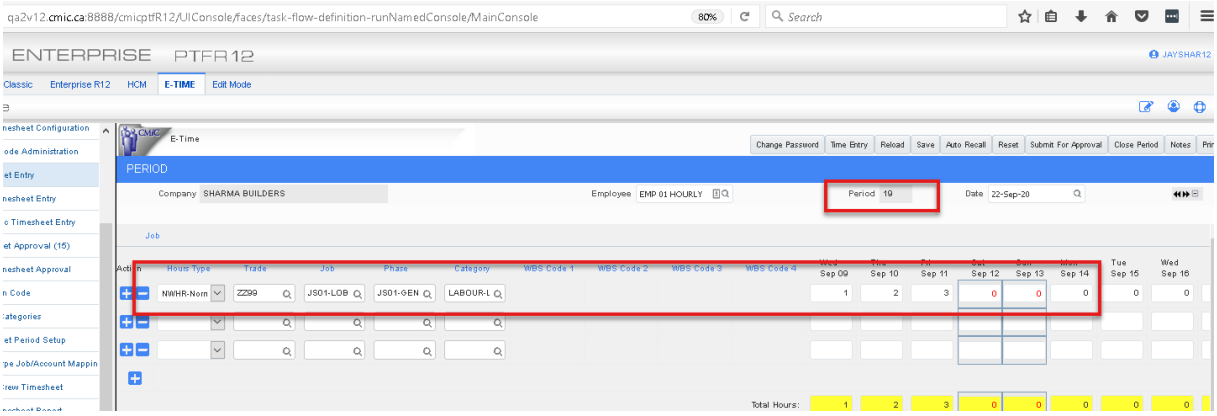
2) A new Button **Auto Recall** has been added to **Time Entry** screen. Upon clicking this button, In/Out Time from last period will be recalled into the current Period:

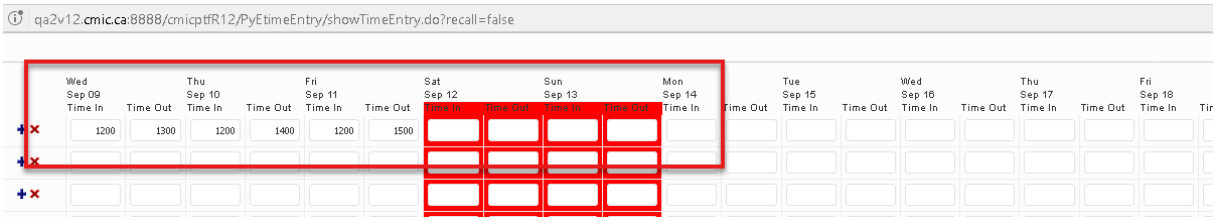


Implementation

Just like Auto Recall for time entries, In/Out Time can only be recalled from the immediately preceding Pay Period. To Auto Recall time entries and In/Out time, please make sure that they are present in the last Pay Period.

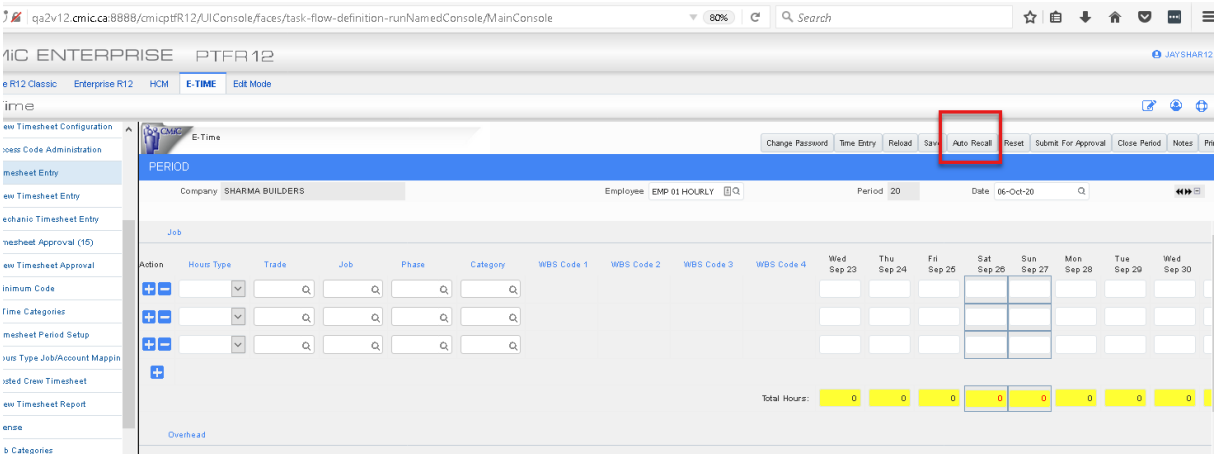
Time entries and In/Out Time has been entered, saved as shown below in a Pay Period:



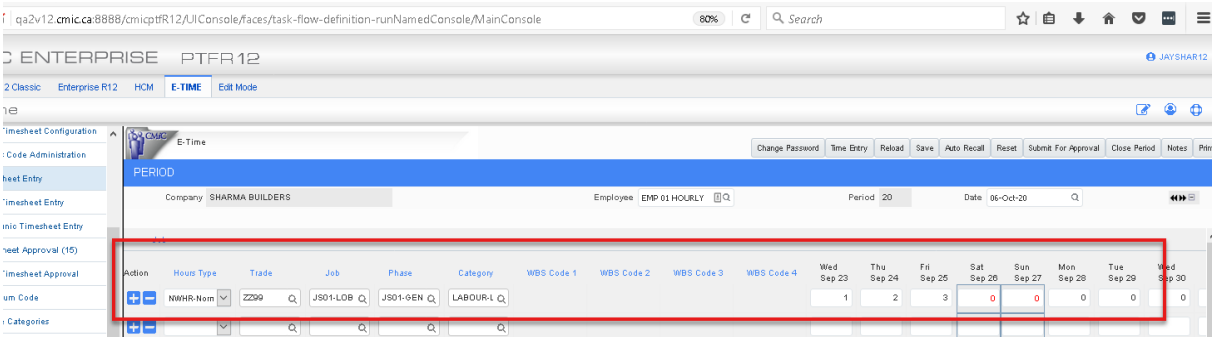


To Auto Recall these time entries into the next Pay Period, the Pay Period is loaded, and Auto Recall button is clicked:

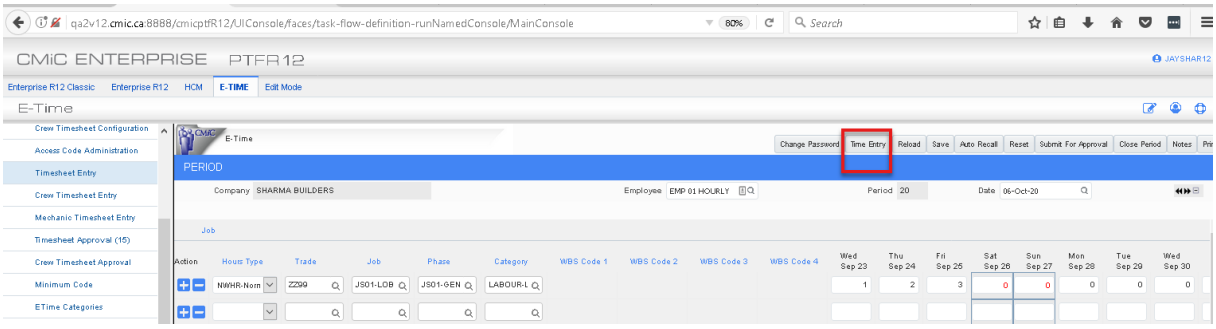
A) Load the **Pay Period**:



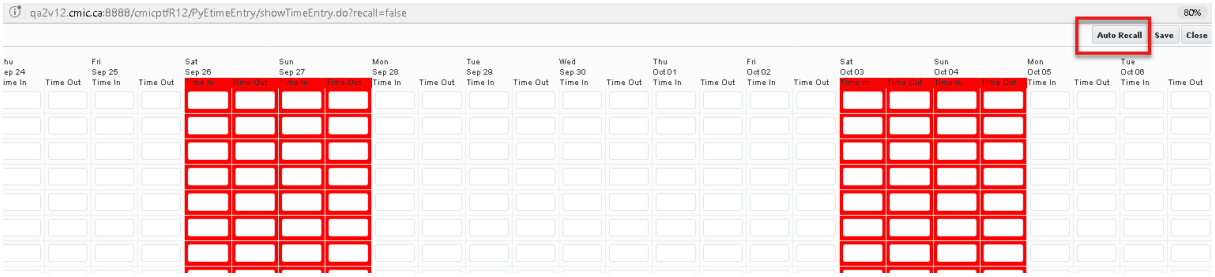
B) Click **Auto Recall**:



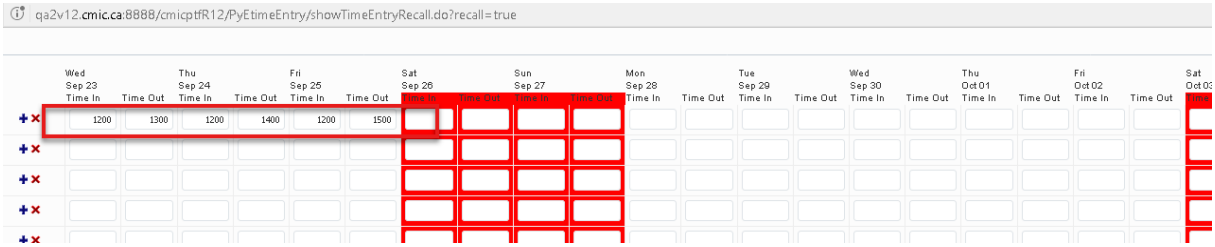
Now, to Auto Recall In/Out time, click on **Time Entry** to load the time entry screen:



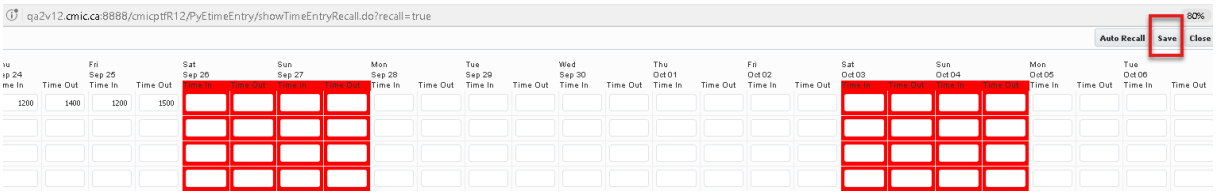
Once the time entry screen is loaded, click **Auto Recall** button at the top right corner:



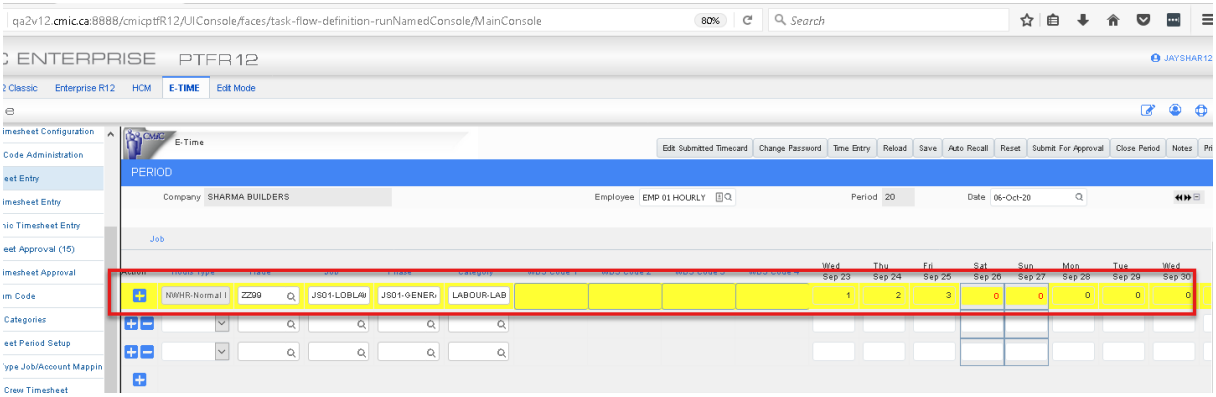
As soon as the button is clicked, the system recalls In/Out Time from last period:



Click **Save** at the top right corner to save the In/Out Time recalled by the system:



Close the Time entry screen and submit time:



E-Time Certification Message – Timesheet Submittal (19.88679)

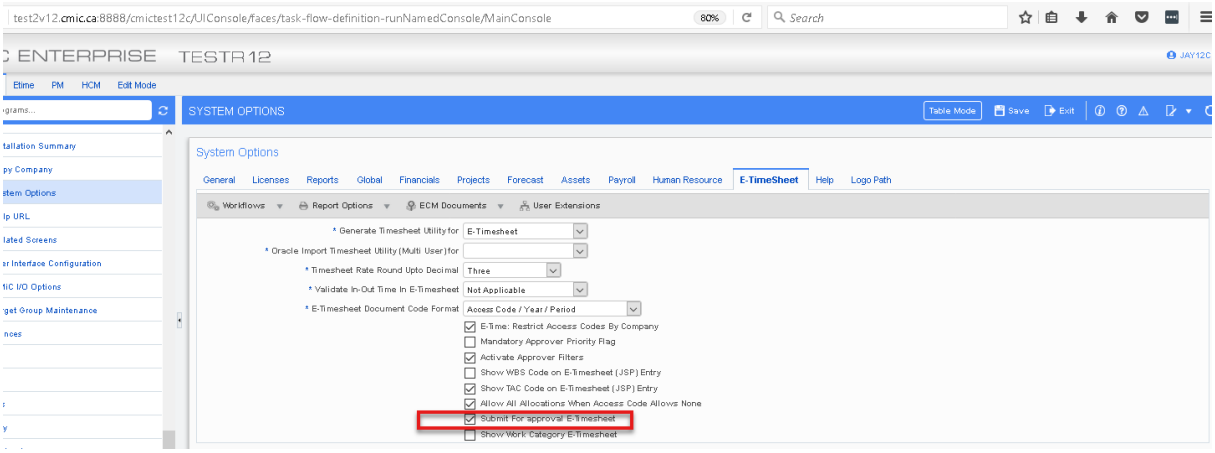
A confirmation prompt is generated upon Timesheet Submittal in E-Time, requiring user's endorsement before Timesheets are sent for approval. E-Timesheets are not submitted for approval until the user agrees to the confirmation prompt, thereby verifying the hours entered for himself or other users.

Pre-requisites

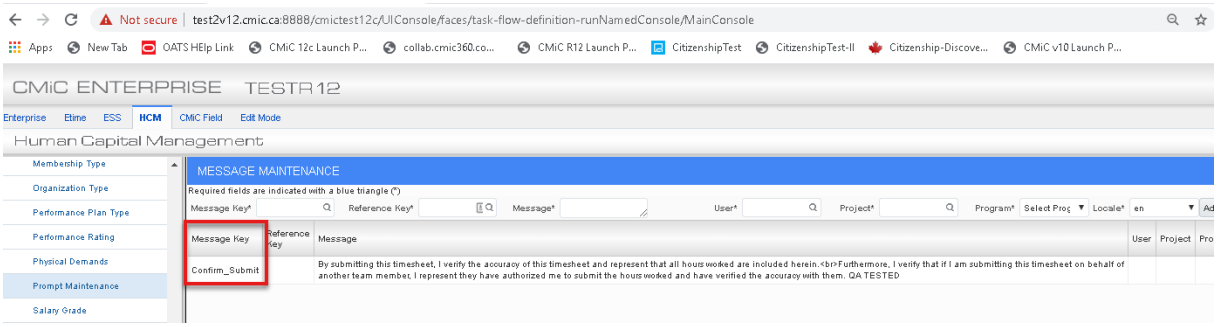
1) To enable this functionality, the flag **Submit for approval E-Timesheet** in **System Options (System Data>>Setup>>System Options>>E-Timesheet tab)** needs to be checked.

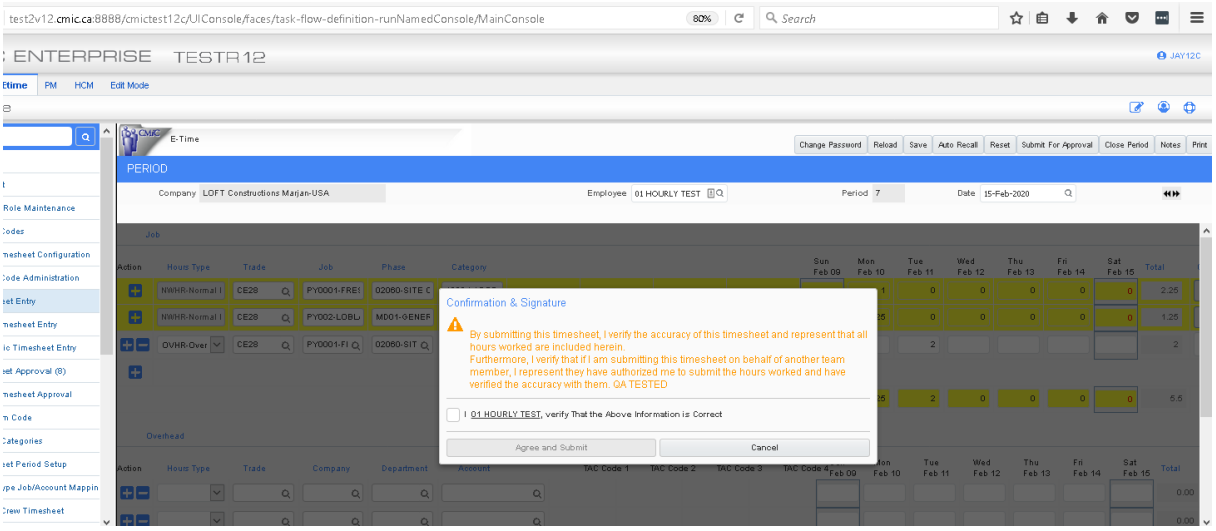
If this flag is unchecked, E-Time entries are simply sent for approval on submittal and no confirmation prompt is generated.

The flag is highlighted in the screenshot below for reference:



2) Set or update the prompt message/verbiage by going to **HCM>>File Maintenance>>Employee Console Maintenance>>Prompt Maintenance** screen and changing the prompt message/verbiage for Message key **Confirm_Submit** (highlighted in the screenshot below).





Modifications:

Two major modifications have been made to implement this functionality:

1) Flag **Submit for approval E-Timesheet** has been added to **E-Timesheet** tab in **System Options (System Data>>Setup>>System Options).**

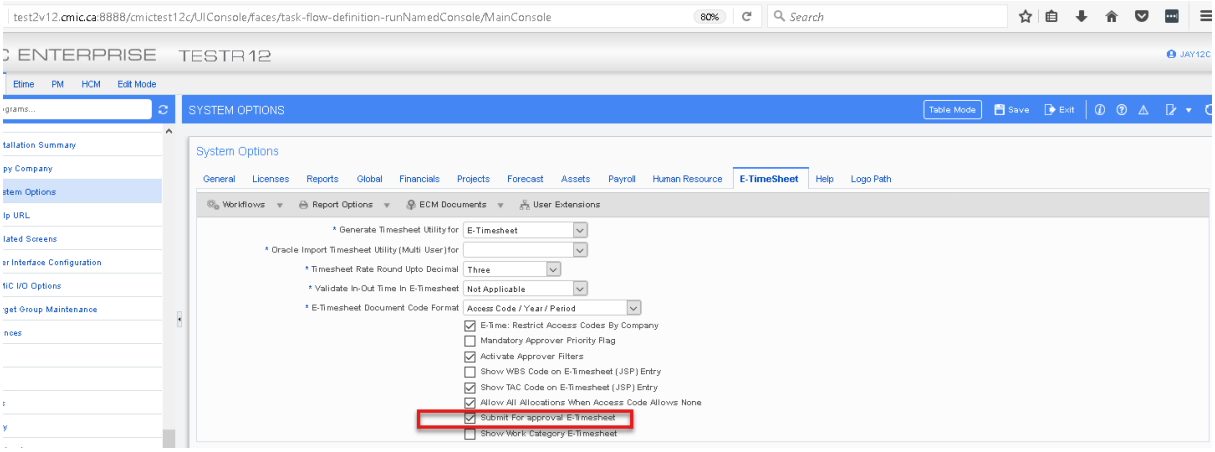
2) A confirmation prompt/dialog box has been programmed to show up on **Timesheet Entry** screen in **E-Time** after user submits time entries. The prompt has a checkbox to endorse the submitted time entries for accuracy and 2 buttons-**Agree and Submit** and **Cancel**.

Implementation:

Scenario 1: Generate a confirmation prompt post Timesheet Submittal

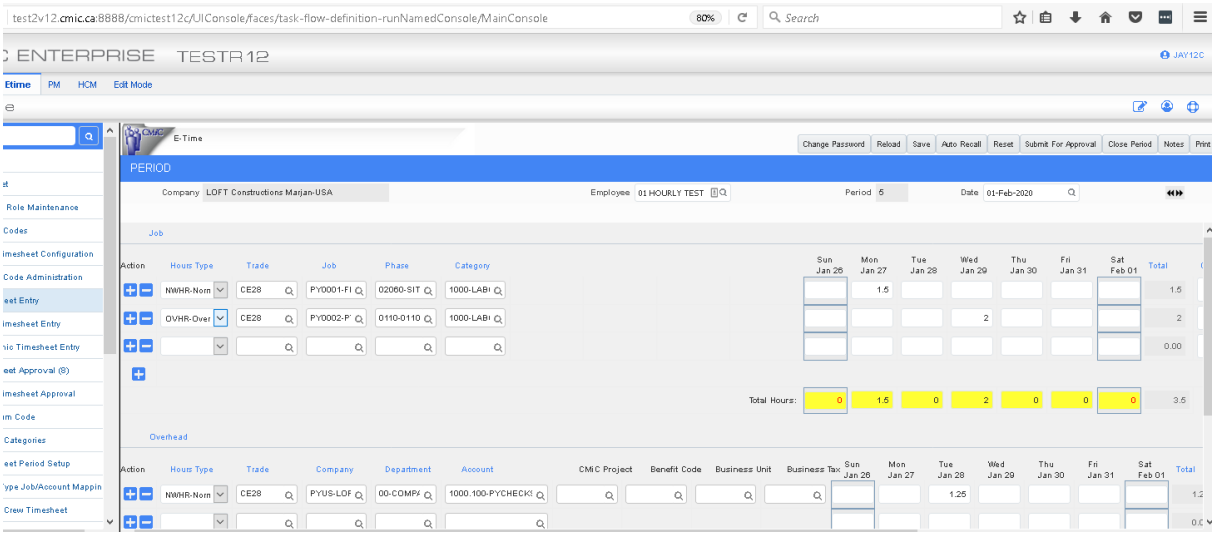
When flag **Submit for approval E-Timesheet** is enabled in **System Options,** the system generates a confirmation Prompt upon Timesheet Submittal in E-Time, requiring the user to verify time entries for accuracy prior to sending them for approval. The step by step demonstration for this scenario is as follows:

1) Enabled the flag in **System Options**:

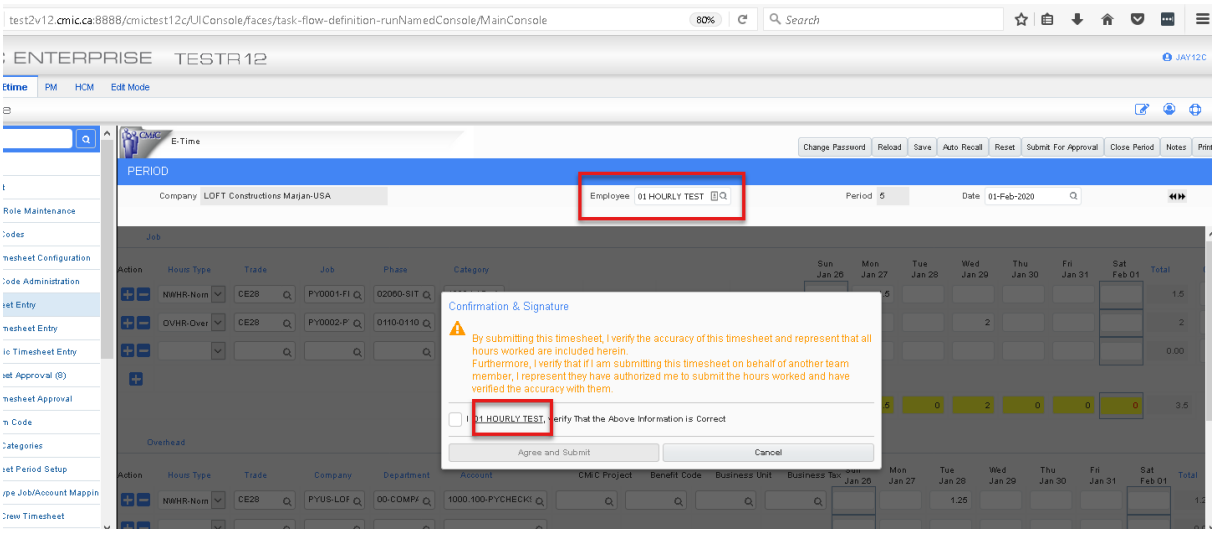


2) Entered, submitted entries in E-Time:

Entered:



Submitted: Clicked on **Submit for Approval** button to submit Time entries:



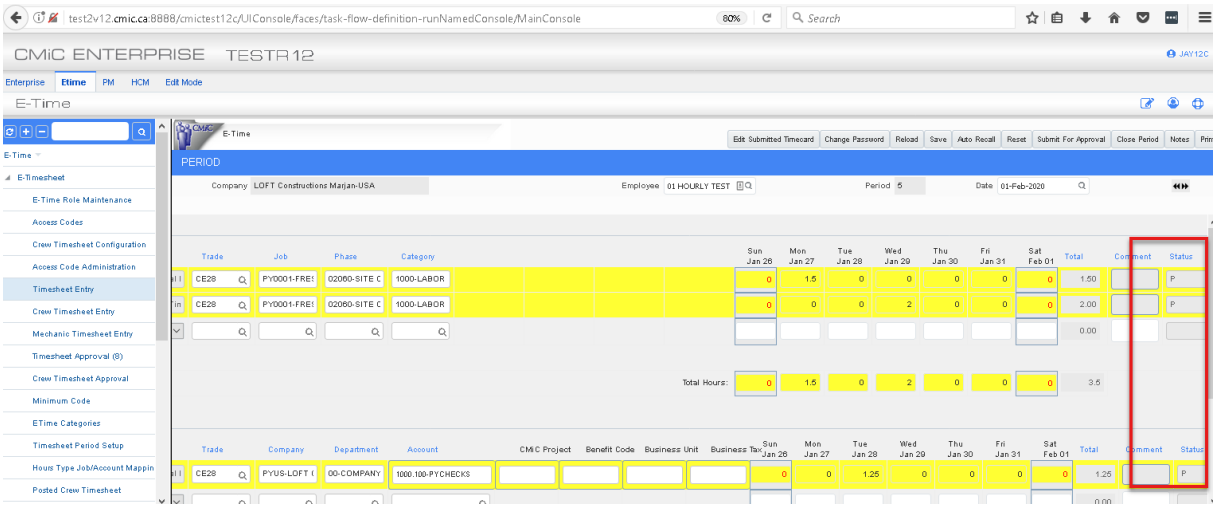
As shown above, upon Timesheet Submittal, a confirmation prompt pops up. The prompt has a checkbox to agree to the stated message and 2 buttons: **Agree and Submit, Cancel**

On clicking **Agree and Submit,** Time entries are sent for Approval

On clicking **Cancel,** the entries are not submitted for approval and can be edited, saved and later submitted.

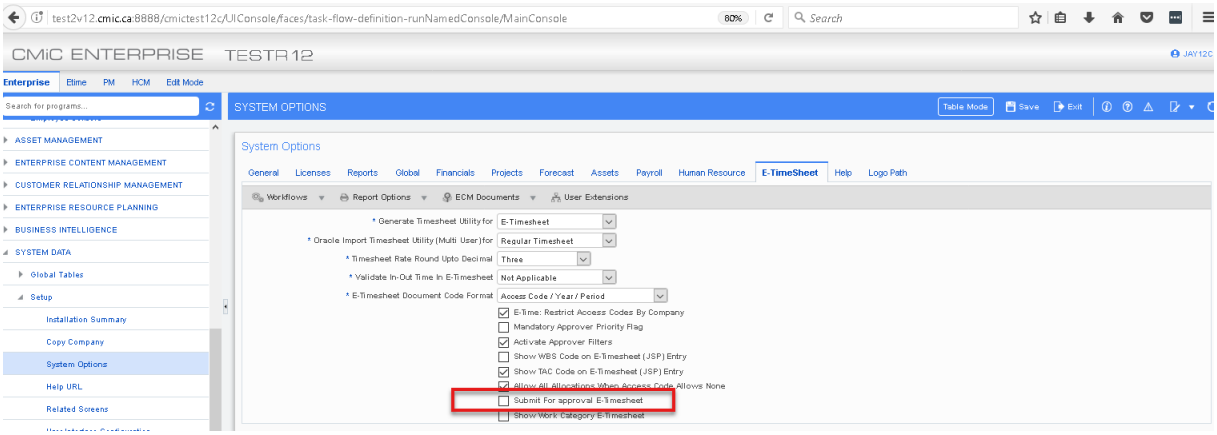
3) Clicked on **Agree and Submit** after checking the checkbox to submit entries for approval

4) Entries were successfully sent for approval:

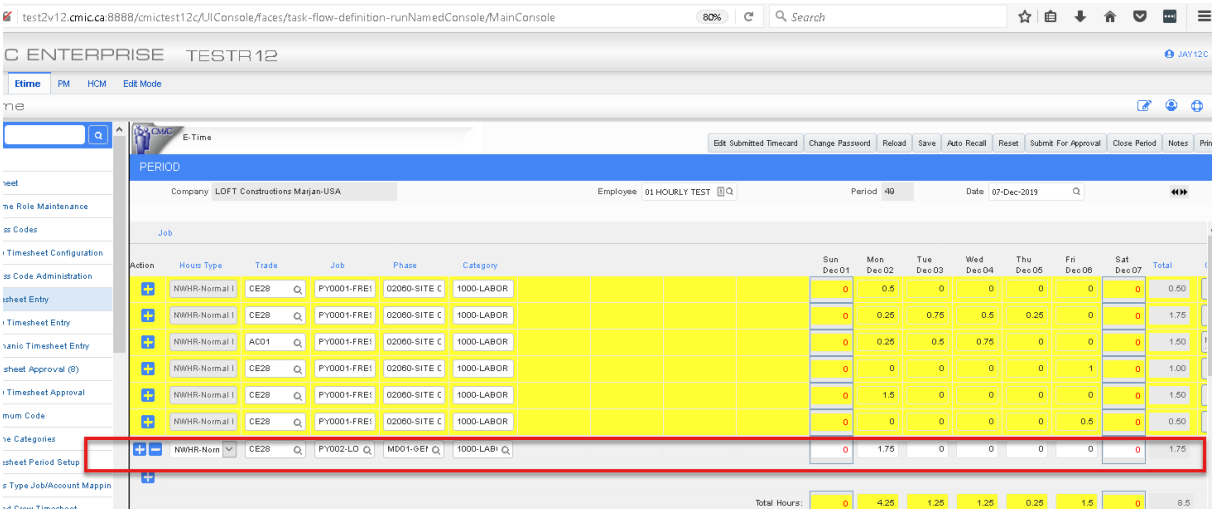


Scenario 2: Do not generate a confirmation prompt post Timesheet Submittal

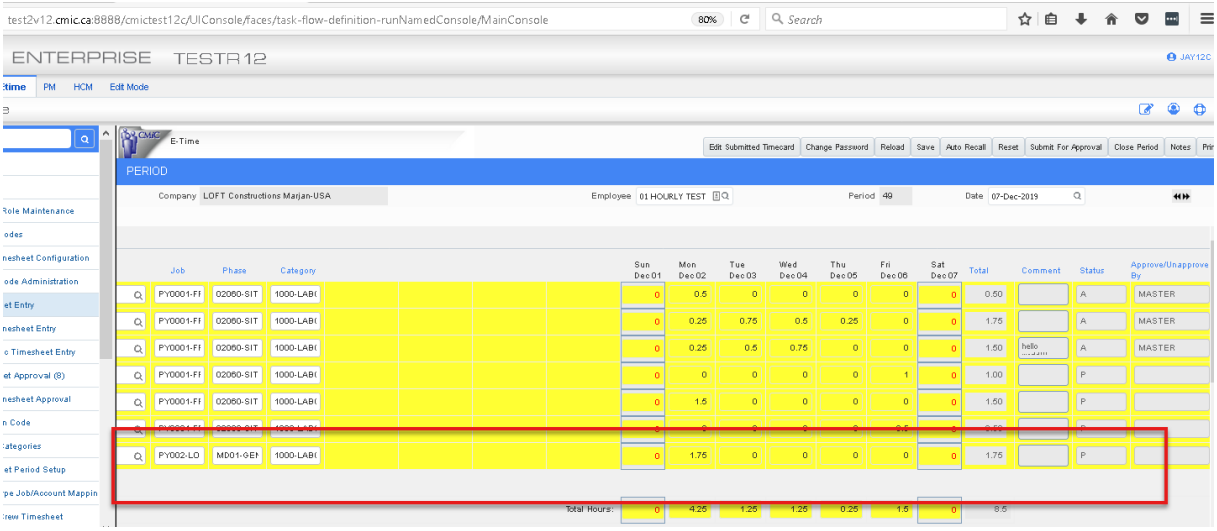
1)Disabled the flag in **System Options**:



2) Entered time entries:



3)Submitted time entries:



As can been from the screenshots above, no confirmation prompt was generated in this case and timesheets were sent for approval right after clicking **Submit for Approval** button

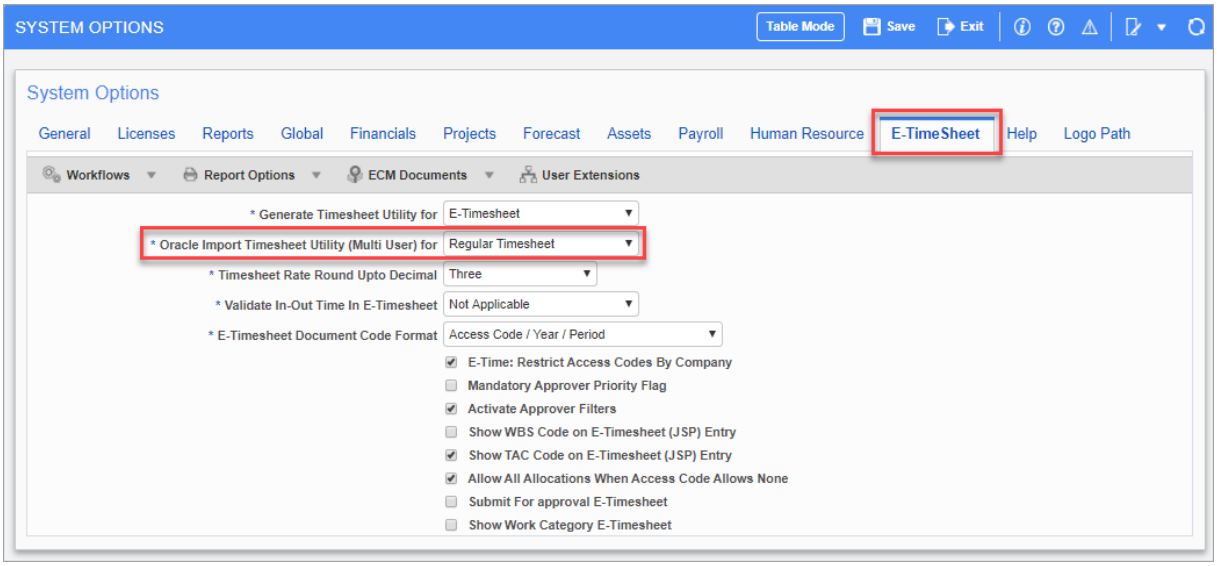
E-Timesheet Import (19.88826)

A new feature has been added to the Import Timesheets from Oracle (Multi-User) ADF screen in the US Payroll module, which allows users to import timesheet data into the E-Timesheet program. This update gives users the option of importing timesheet data into E-Timesheet, in addition to the pre-existing functionality which allows users to import timesheet data into the Regular Timesheet program. This new flexibility has been made available through an update to the System Options screen, where users can select whether they are importing into the Regular Timesheet program or the E-Timesheet program. In addition, new columns have also been added to the Oracle ASCII File, which are Access Code and Comment.

Import Oracle ASCII File Template (CTL File)

New fields have been added to the Oracle Import ASCII File Template (PYTIMIMP.CTL). The newly added fields are Access Code and Comment.

System Options

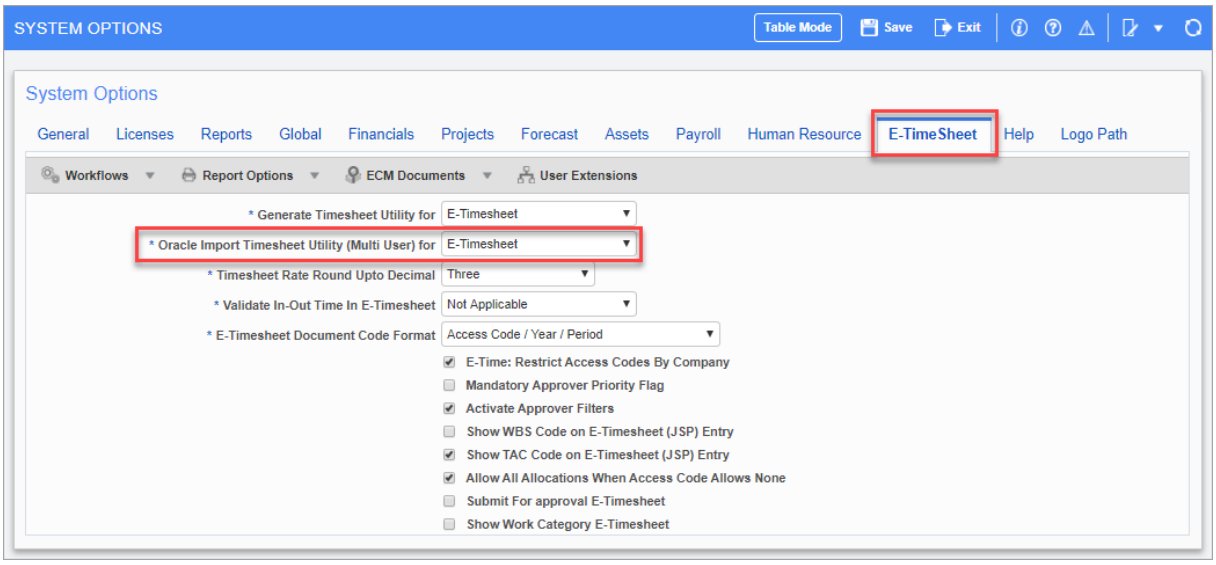


Pgm: SYSOPT – System Options; standard Treeview path: System > Setup > System Options – E-TimeSheet tab

A new field has been added to the E-Time Sheet tab in the System Options screen, as highlighted in the screenshot above. This field is used to select the type of timesheet data to be imported. Two options are available in the drop-down menu: “Regular Timesheet” and “E-Timesheet”.

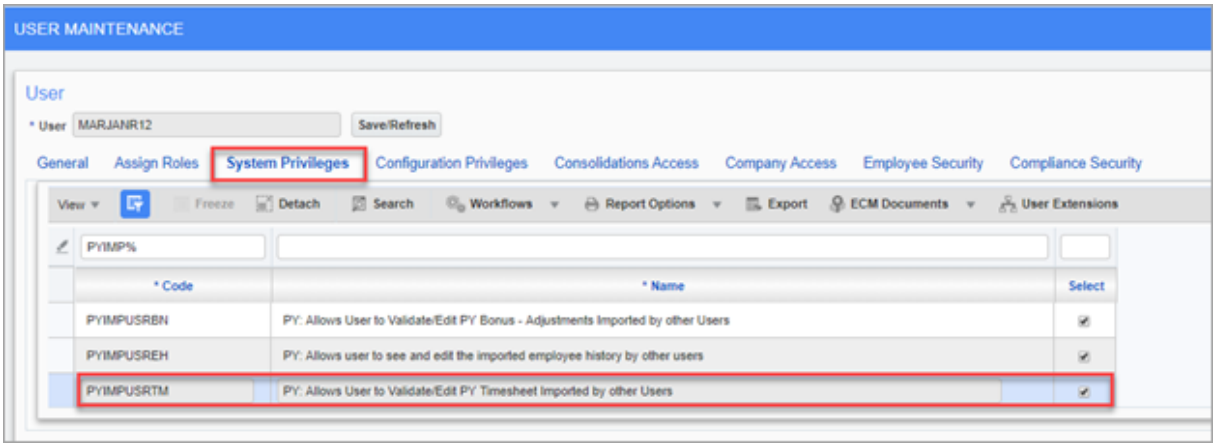
NOTE: When the program is initially installed, this field will default to a blank value. A blank value is equivalent to “Regular Timesheet”. Depending on the type of timesheet data being imported, users should select the timesheet program option accordingly.

Users should ensure that the option selected matches the type of data being imported, otherwise imported records will not be inserted into the appropriate timesheet table. For example, if E-Timesheet data is being imported, and “Regular Timesheet” is selected in this field, records will not be successfully imported into the E-Timesheet table.



If “E-Timesheet” is selected, as shown in the screenshot above, access codes must be included in the import file for timesheet data to be successfully validated and imported into the E-timesheet table.

User Maintenance



Pgm: SDUSRMNT – User Maintenance; standard Treeview path: System > Security > Users > User Maintenance – System Privileges

The system privilege ‘PYIMPUSRTM – PY: Allows User to Validate/Edit PY Timesheet Imported by Other Users’ has been created on the System Privileges tab of the User Maintenance screen. If checked, this privilege allows user to validate/edit/build/delete timesheet data imported by other users.

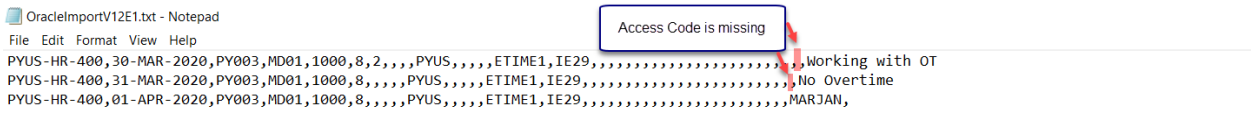
This security privilege must be assigned to the user/user’s role to allow that user to validate/edit/build/delete timesheet data imported by other users on the Timesheet Import Multi User screen (standard Treeview path: *US Payroll > US Payroll > Utilities > Import Timesheets from ORACLE (Multi User)*).

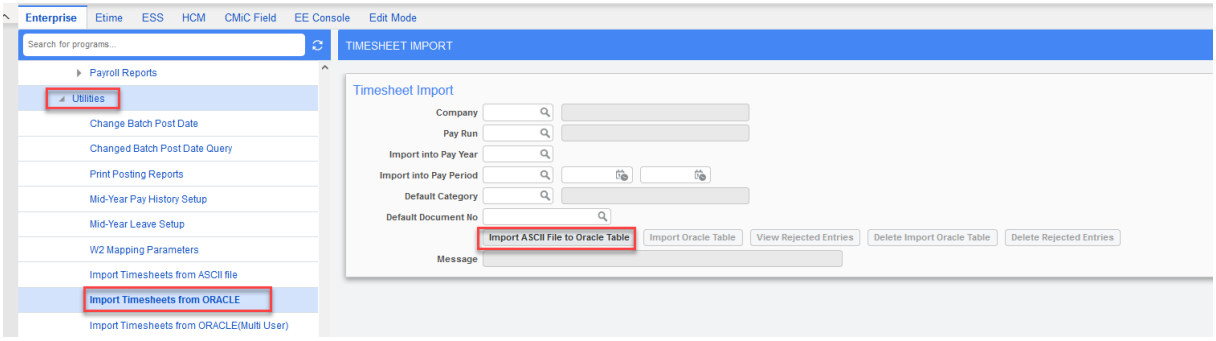
Implementation

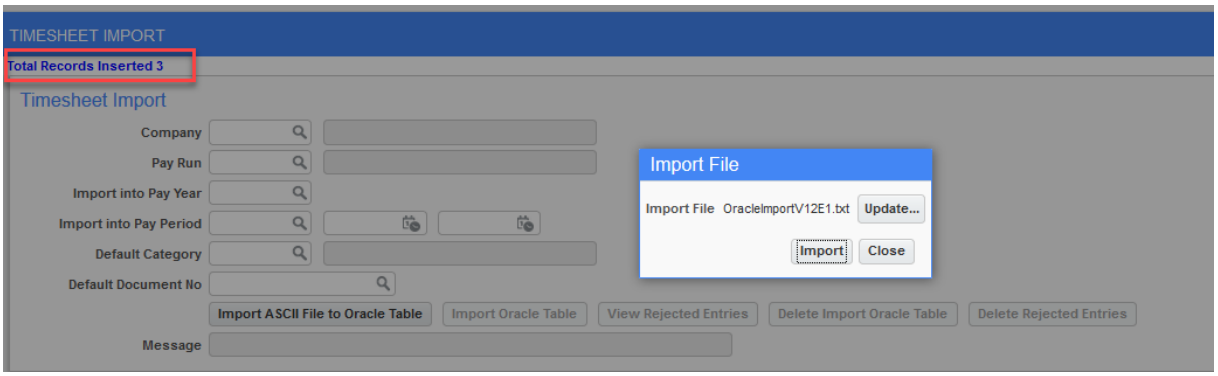
Pre-Requisite: Set the new flag in Systems Option Oracle Import Timesheet Utility for (Multi-User) under E Timesheets to E-Timesheet. Step 2: Create ASCII File Import with Access Code

Step 3: Import ASCII file from Oracle

Timesheet Import

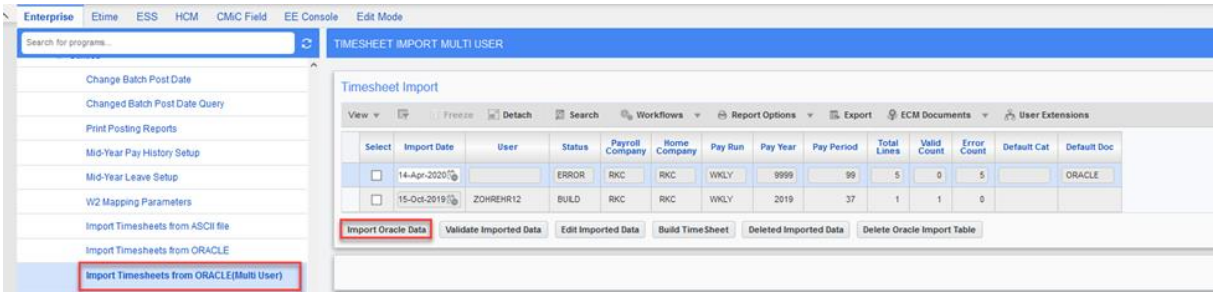




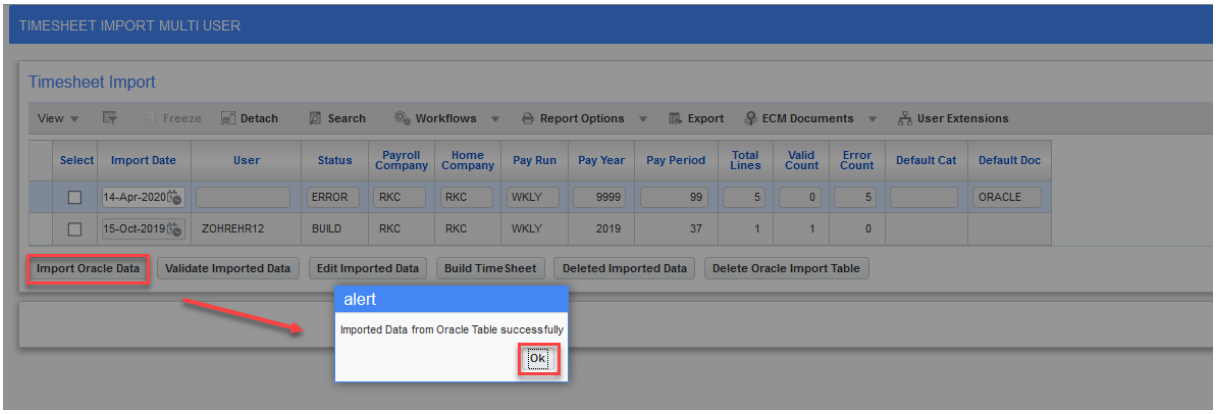


Timesheet Import Multi-User

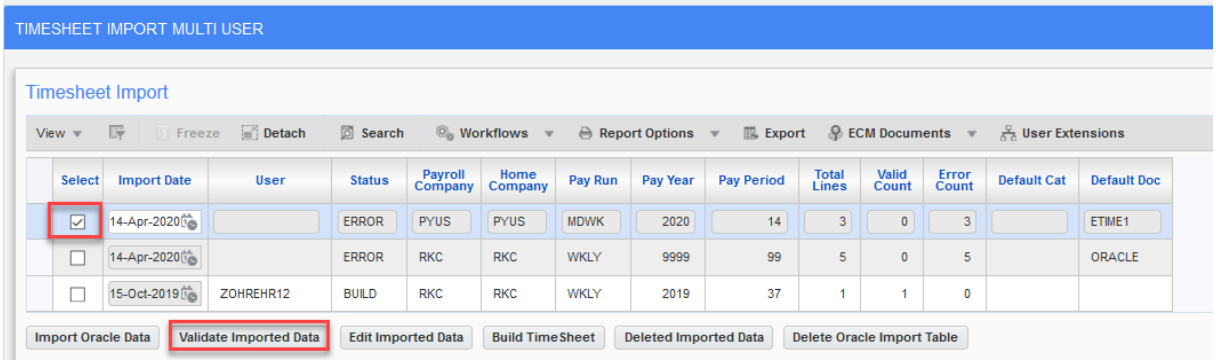
Pre-Requisite: System Option flag set to E-Timesheet then Import ASCII Oracle file for E Timesheets > Go to Import Oracle (Multi-User) program. Step 1: Import Oracle Data Step 2: Validate Imported Data Step 3: Edit Imported Data Step 4: Build Timesheet



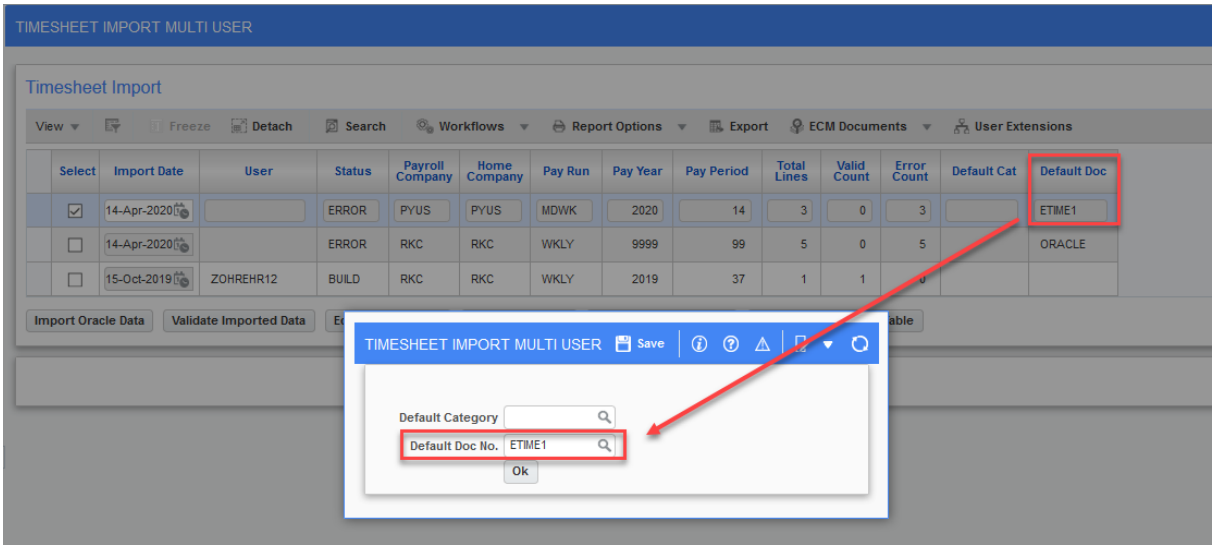
Import Oracle Data



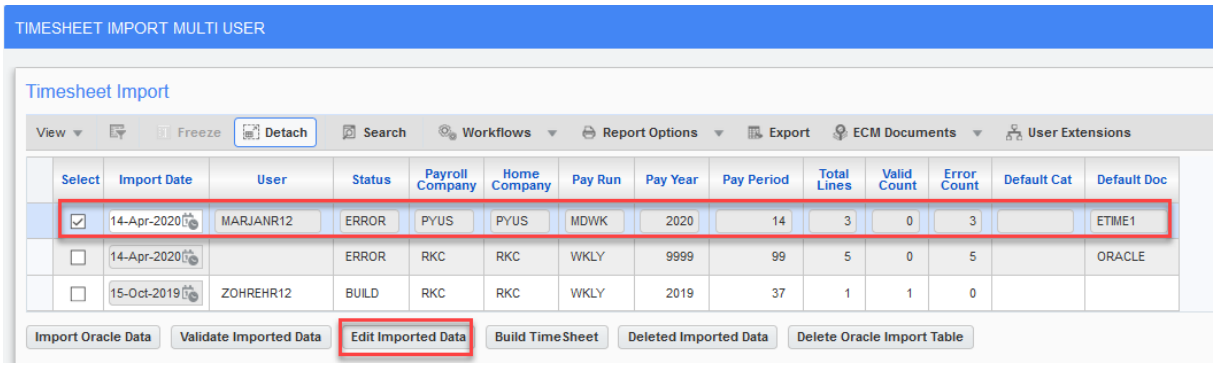
Validate Imported Date – Select Record



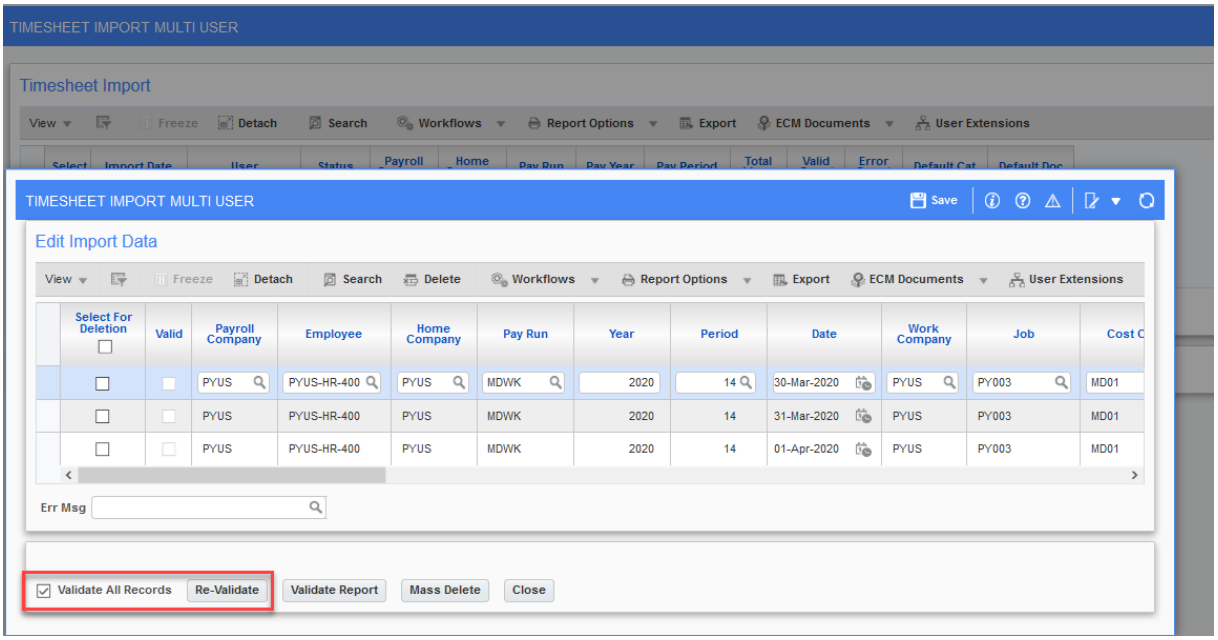
The timesheet is imported into multi oracle import routine by document number in header table both fields will be added into .CSV file format. Document Number is not a mandatory requirement in the ASCII file or program routine. However, the document number is part of the header and timesheets will be grouped by document number when passed from ASCII import file, even when it is null.



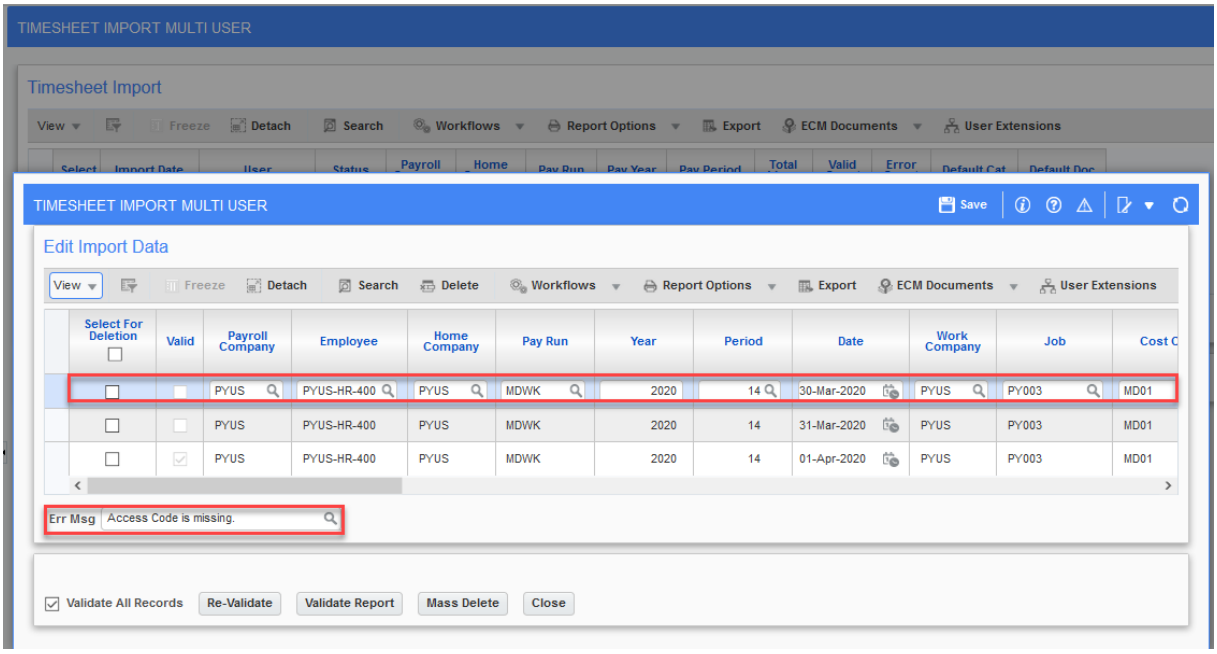
Edit Imported Data – Select record



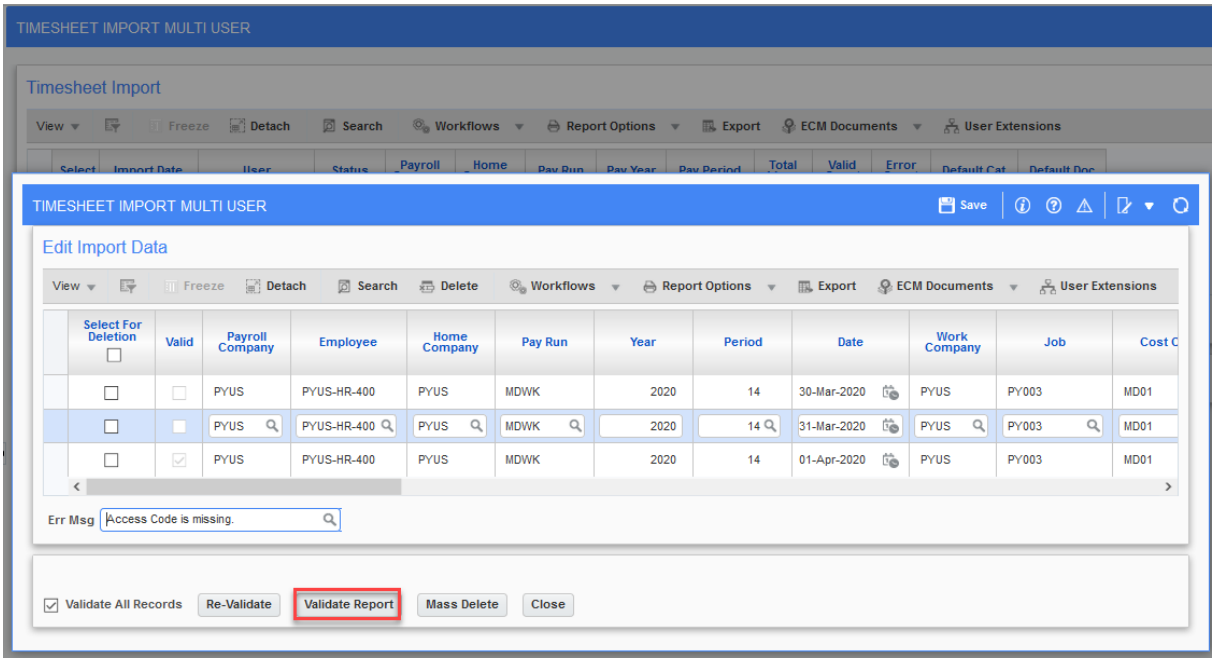
Re-Validate all records to display and report errors

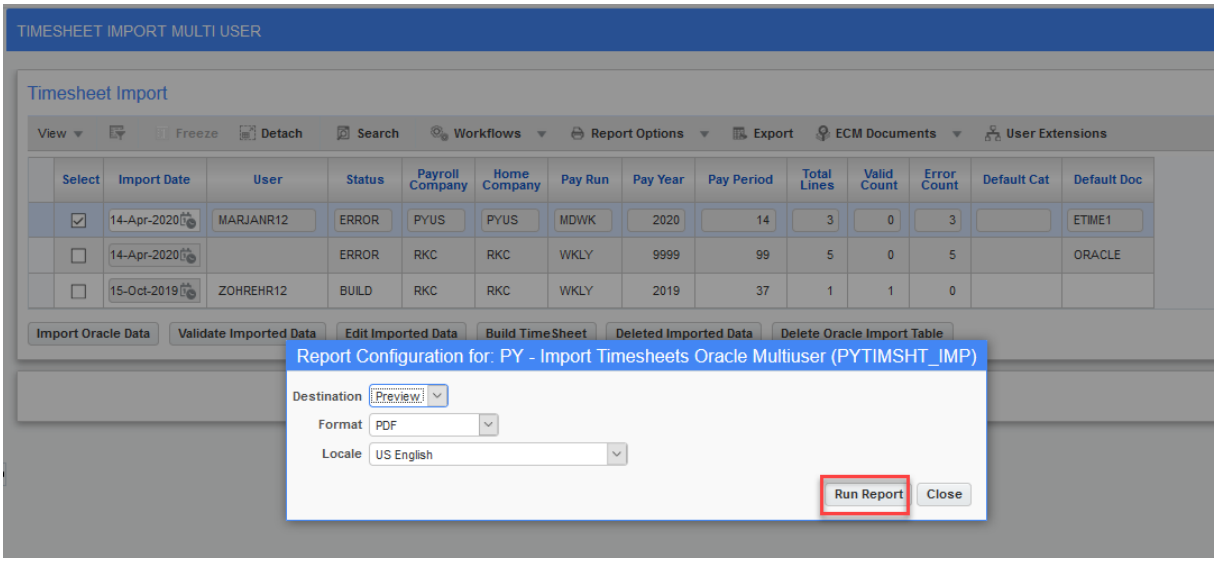


The `Access Code' should not be NULL when importing into e-timesheet table and will be validated. Import Routine will validate the file and generate and error message.



User can run Validate Report to review the generated error

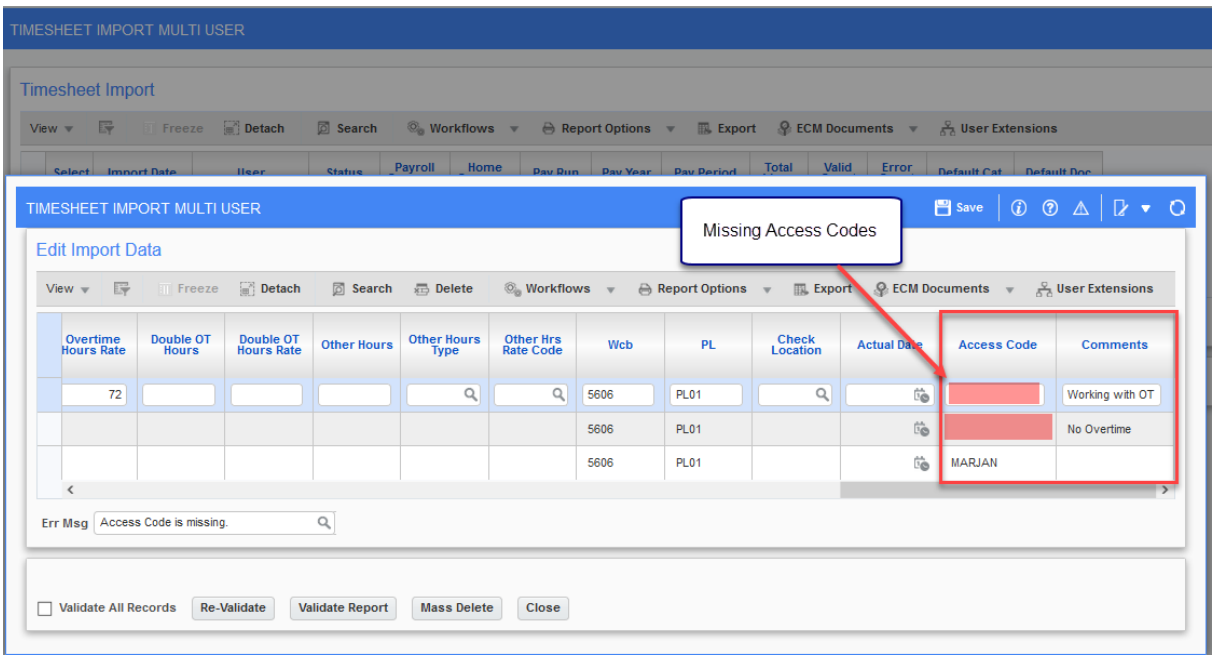




Page: 1 of 1
Date: Apr 15, 2020
Time: 12:07 AM EDT

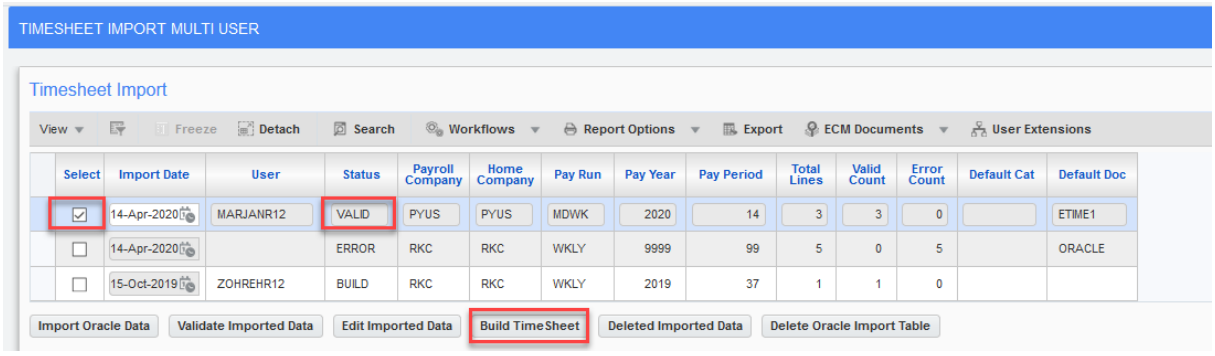
PayRoll - Timesheet Import Report

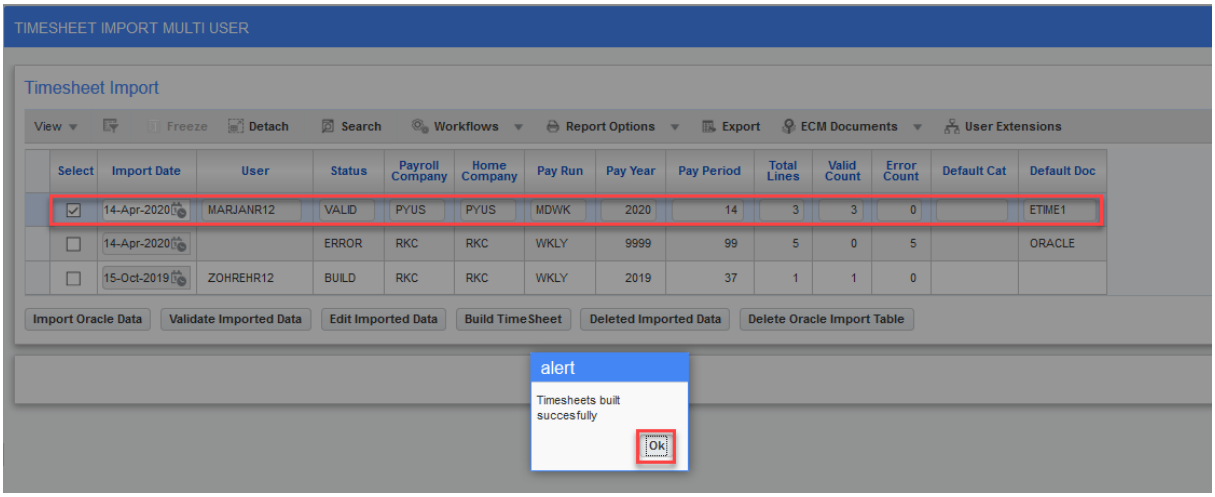
Pay Roll Company	Home Company	Pay Run	Year	Period	Employee #	Date	Union	Trade	Shift	Work Company	Data Type	Job Code	PHS Code	Cat Code	Dept	GL Acct	Doc No	Default Check Loc	Actual Date
NH Hrs	NH Pay Rate	OT Hours	OT Pay Rate	DOT hours	DOT Pay Rate	OH Hours	OH Pay Rate	OH Type	OH Rate Code	Equip Code	Equip Hours	Eqp. Trans	Eqp. PHS	Eqp. Cat	Eqp. Dept	Eqp. CR Acct	Hrly WM	Work Loc	
PYUS	PYUS	MDWK	2020	14	PYUS-HR-	3/30/20		IE29		PYUS	J	PY003	MD01	1000	00	5200.100	ETIME1		
8	48.00	2	72.00															0503703	
▪ Access Code is missing.																			
PYUS	PYUS	MDWK	2020	14	PYUS-HR-	3/31/20		IE29		PYUS	J	PY003	MD01	1000	00	5200.100	ETIME1		
8	48.00																	0503703	



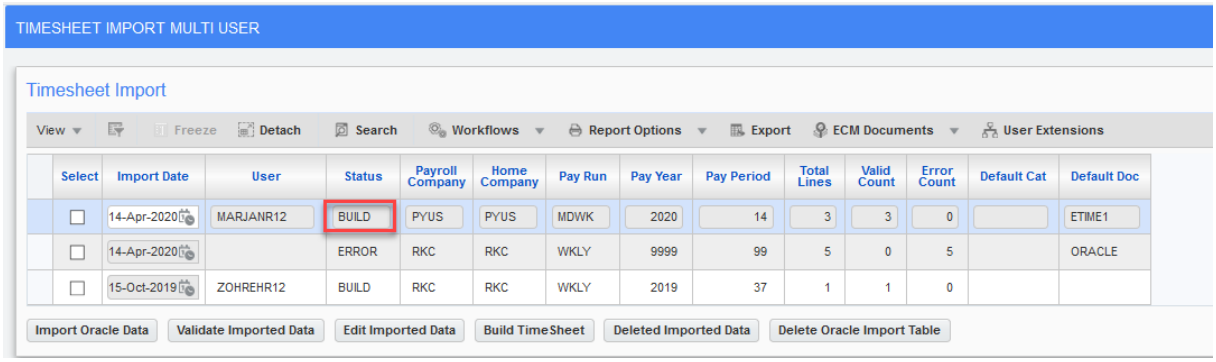
User can enter the missing ‘Access Code’ save and re-validate all records. Once the status is Valid, user can build timesheet and import into E Timesheet.

Build Timesheet – Select record



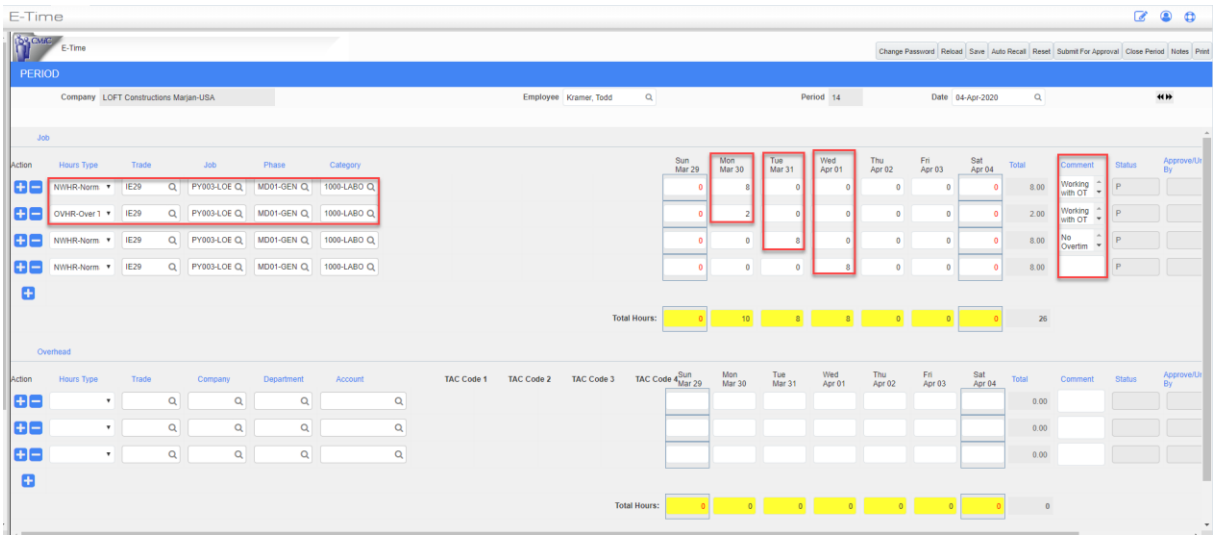


Timesheet is built and data is imported into E Timesheet Table



E-Time (JSP)

When ‘E-Timesheet’ has been chosen by user in system option, after click on ‘Build Timesheet’ in Timesheet import from oracle (Multi-user) ADF screen, user should see all records in E-Time JSP Screen.



Timesheet Records – Multiple Document Numbers in ASCII File

The timesheet is imported into multi oracle import routine by document number in header table both fields will be added into .CSV file format. Document Number is not a mandatory requirement in the ASCII file or program routine. However, the document number is part of the header and timesheets will be grouped by document number when passed from ASCII import file, even when it is null.

OracleImportV12E2.txt - Notepad

File Edit Format View Help

```
PYUS-HR-400,02-APR-2020,PY003,MD01,1000,8,,,,PYUS,,,,ETIME2,IE29,,,,,,,,,,,,,,,,,,,,,,,MARJAN,
PYUS-HR-400,03-APR-2020,PY003,MD01,1000,8,,,,PYUS,,,,ETIME2,IE29,,,,,,,,,,,,,,,,,,,,,,,MARJAN,
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PYUS-HR-346,01-APR-2020,PY003,MD01,1000,8,,,,PYUS,,,,ETIME3,1610,,,,,,,,,,,,,,,,,,,,,,,MARJAN,
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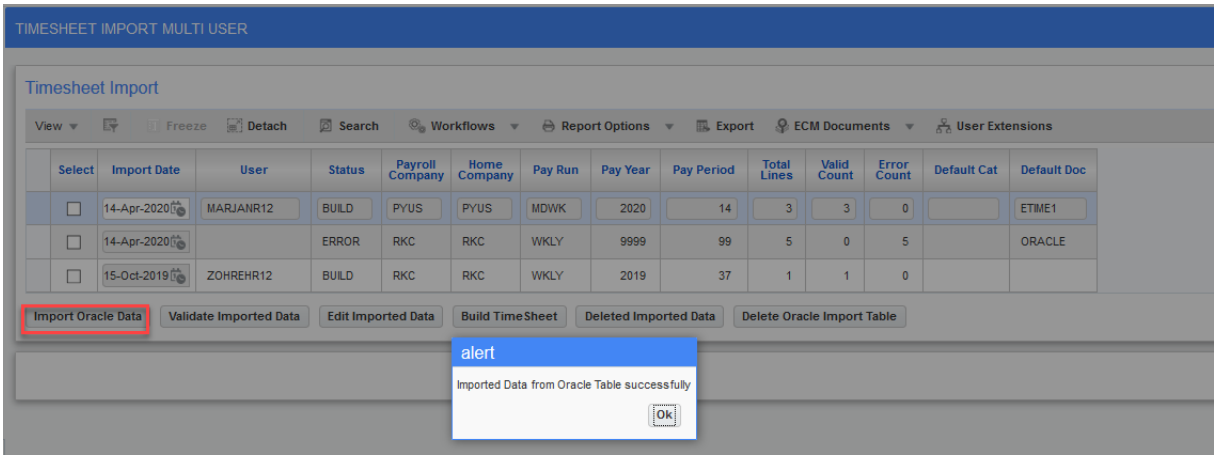
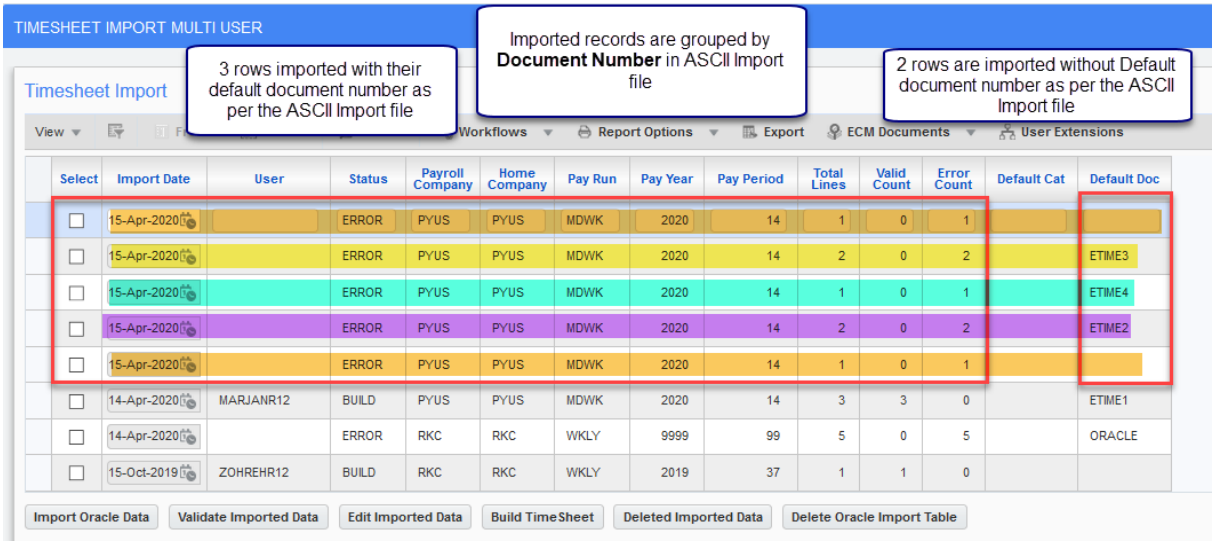
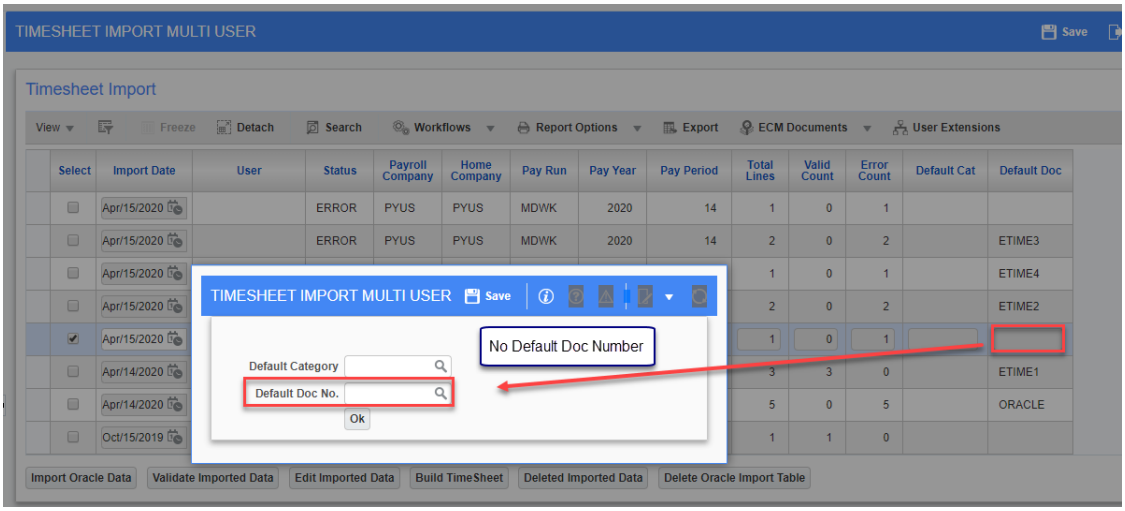
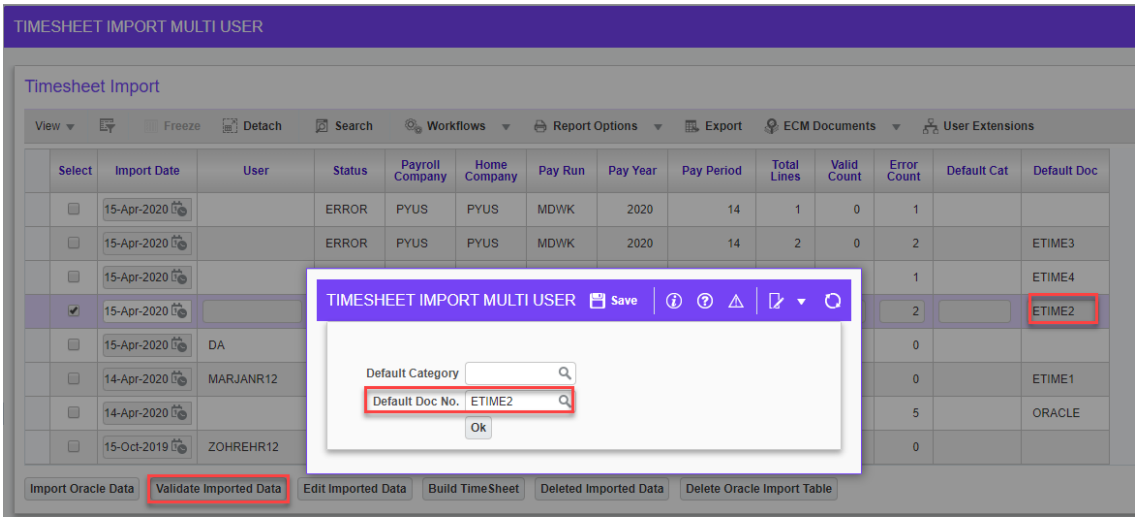


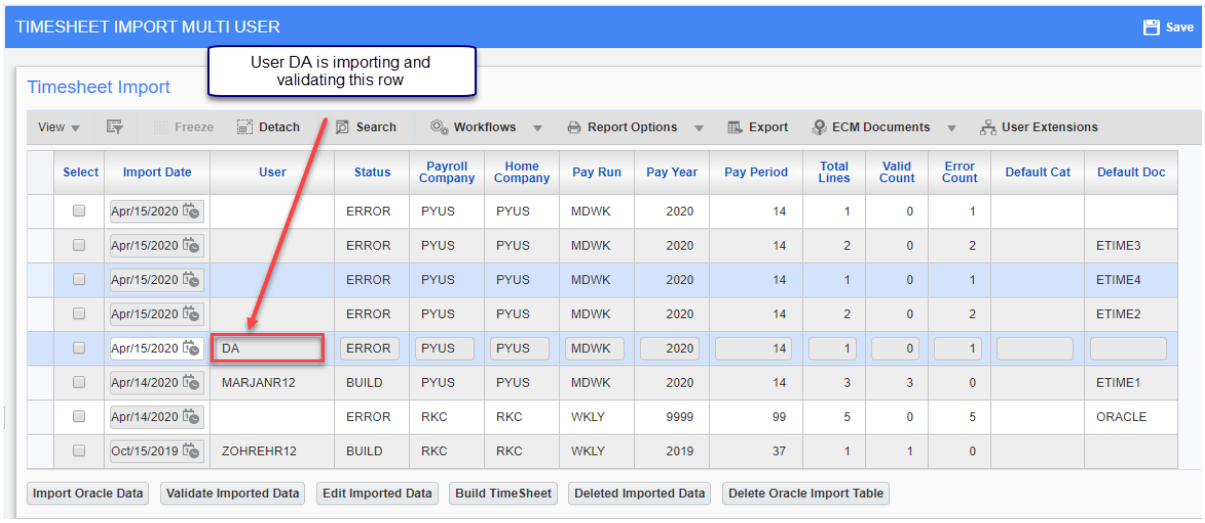


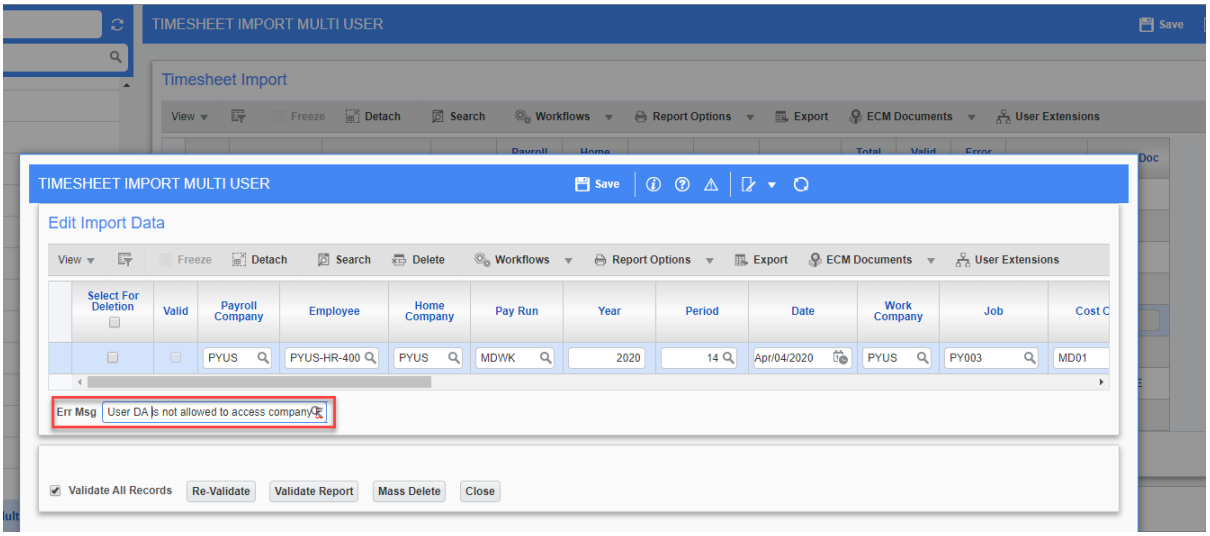




Privilege and Access

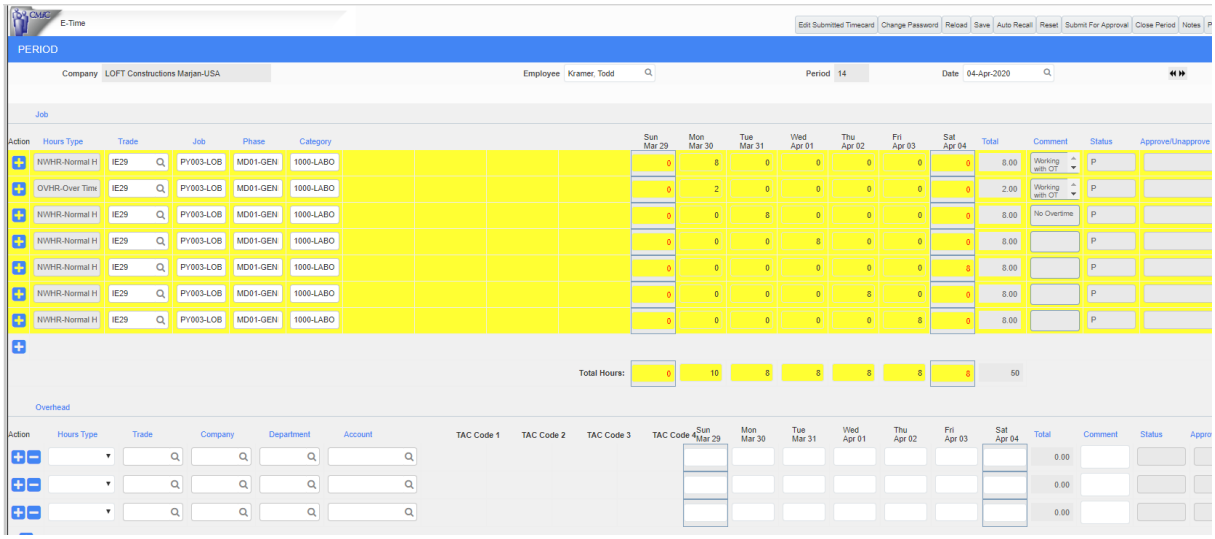
Users without access and privilege cannot use Import Multi-User to validate/view/edit imported data.

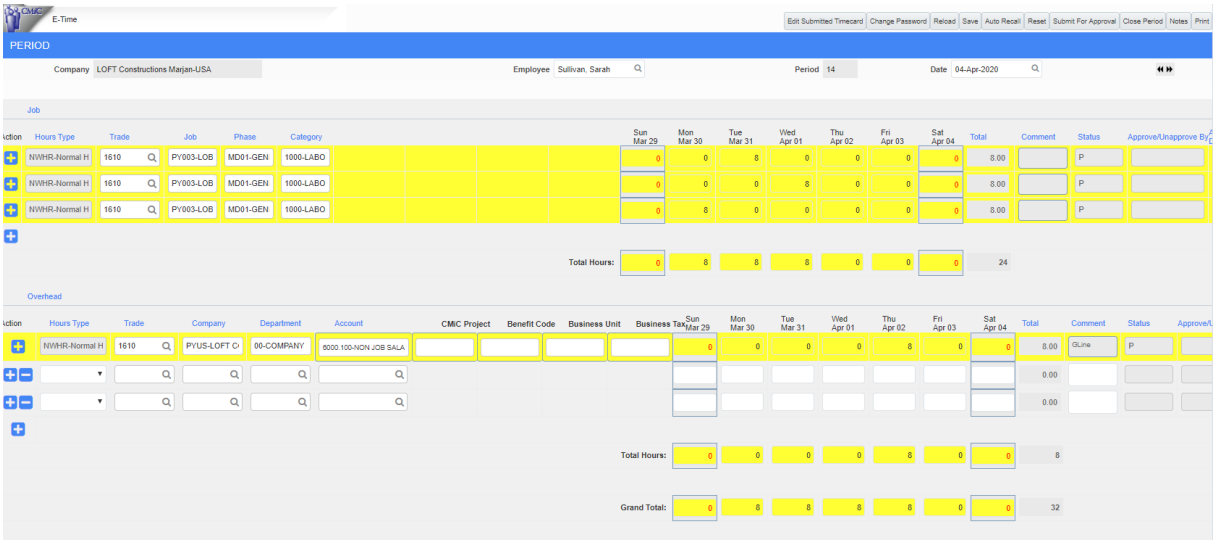




Regular Timesheet (ADF)

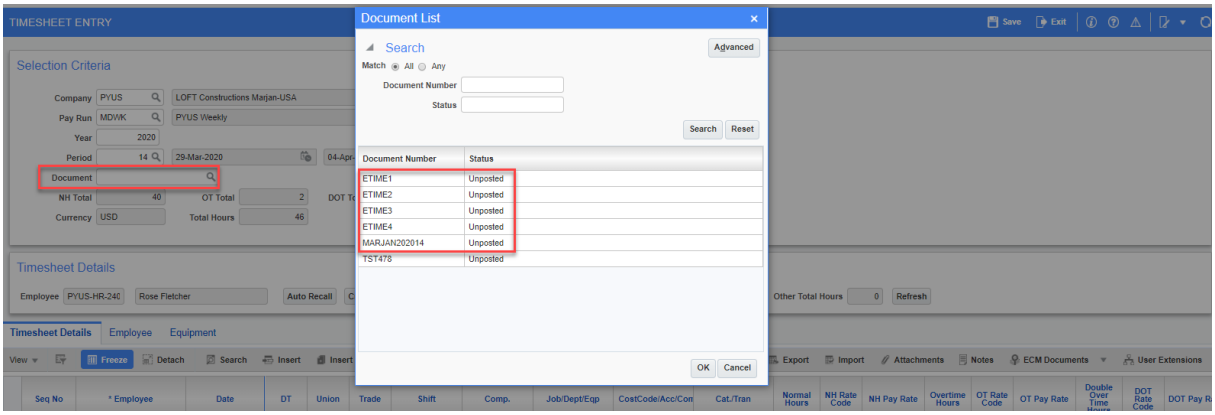
The approved E Timesheets should be available in Regular Timesheet entry. The imported records with ‘Document Default Code’ should be displayed with their ‘Document Numbers’. The imported records without a ‘Document Number’ should display with ‘E Timesheet Document Code Format’ as specified in System Options E Timesheet tab.



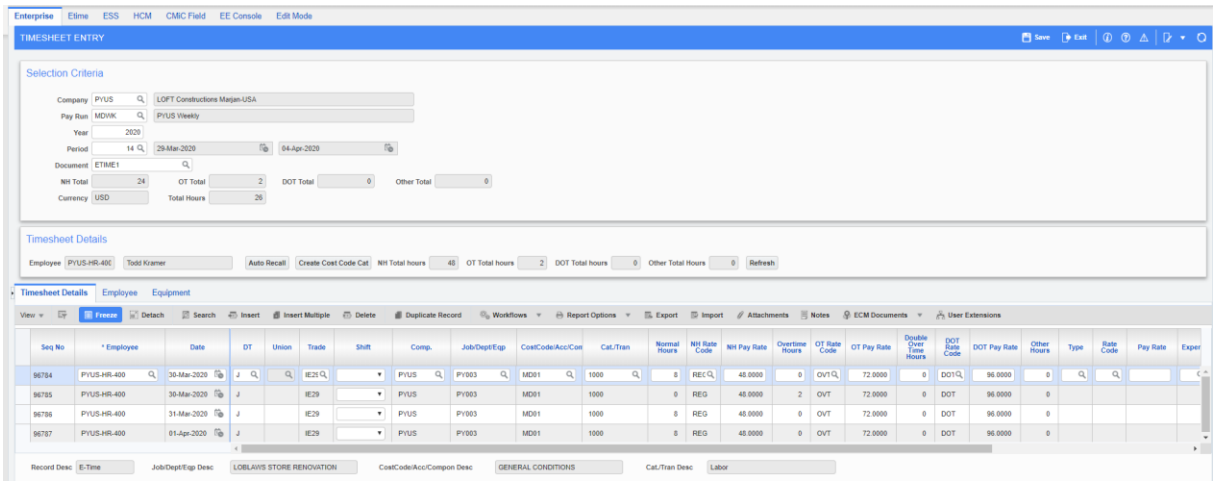


Imported records with document number will default to their imported default document number.

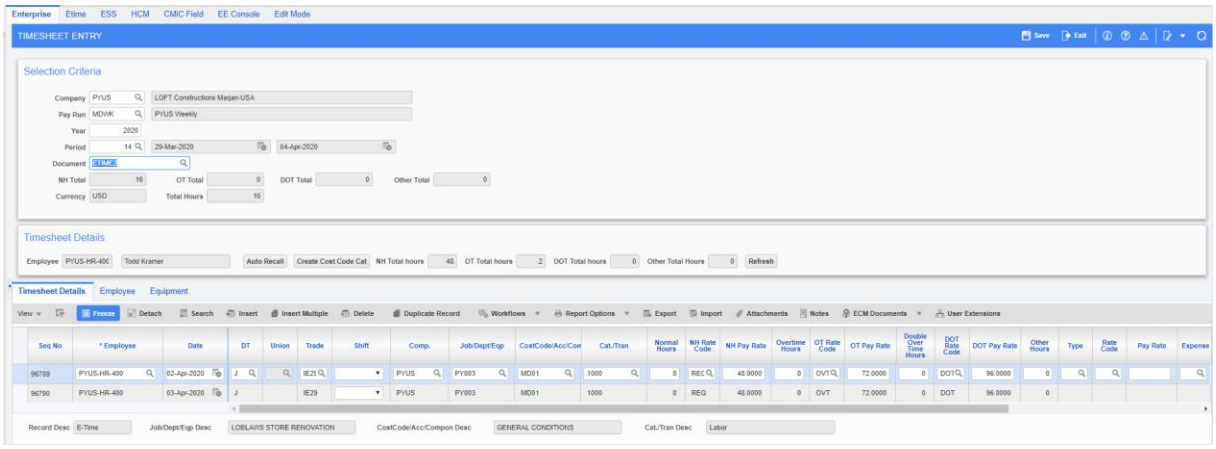
Imported records without a document number will default to E Timesheet Document Code Format as specified on the System Options E Timesheet Tab



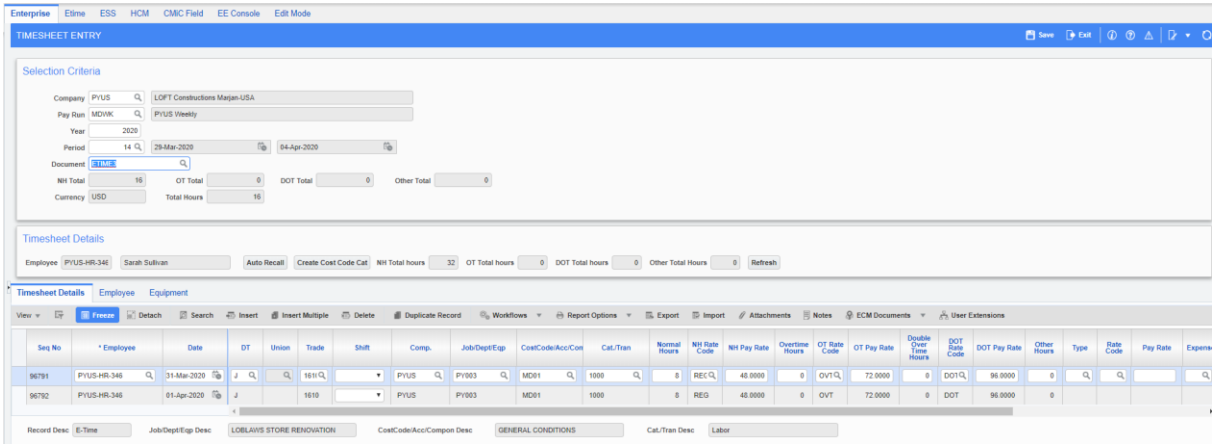
Document Code – ETIME1



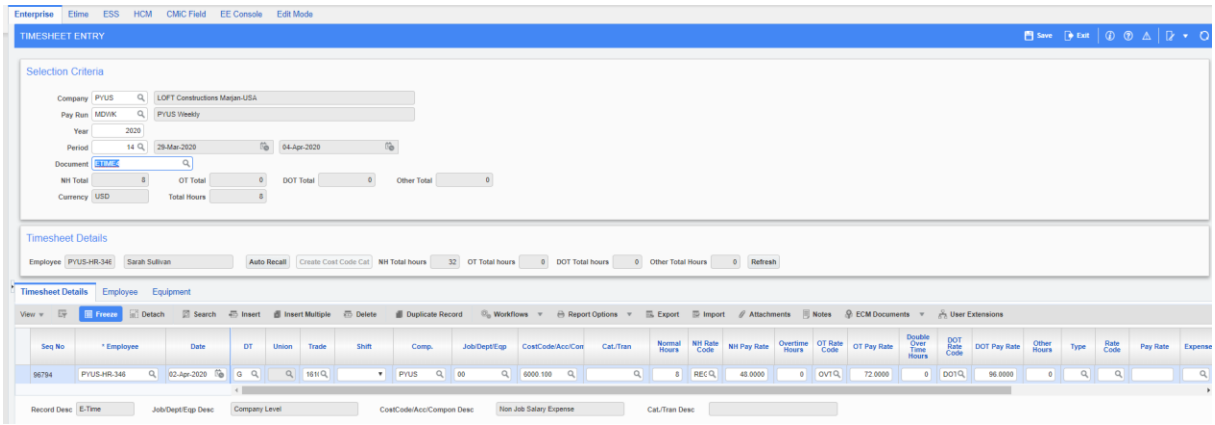
Imported/Approved E Time records with default document code ETIME2



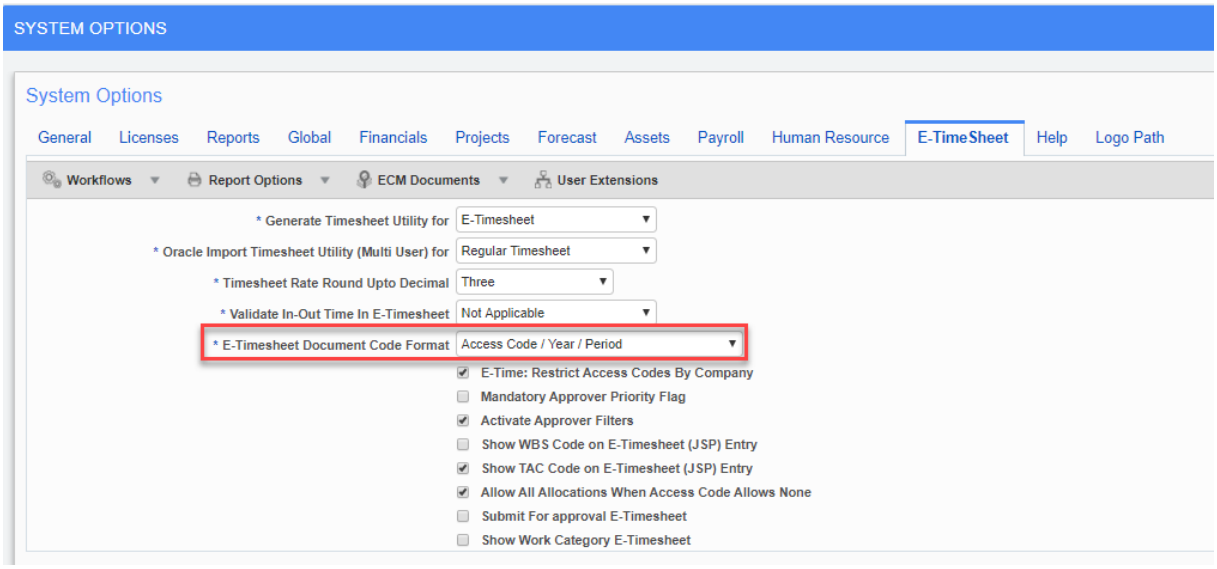
Imported/Approved E Time records with default document code ETIME3

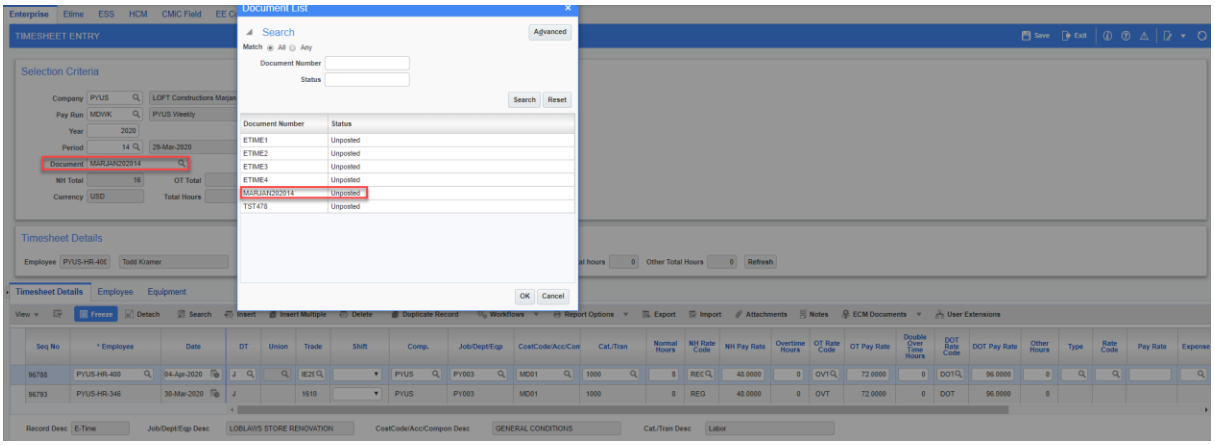


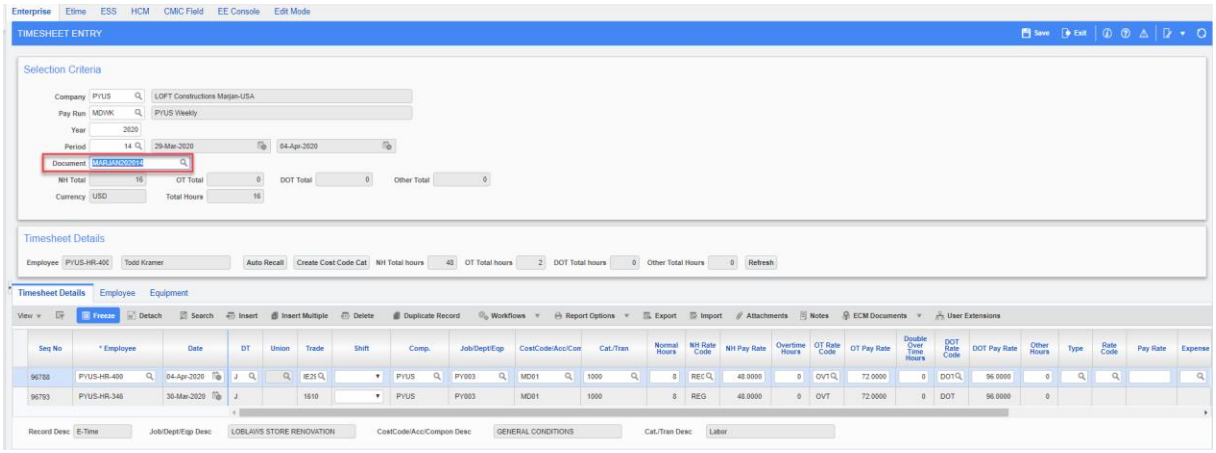
Imported/Approved E Time records with default document code ETIME4



Imported/Approved E Time records without default document code will default to E Timesheet Format Code set on System Options





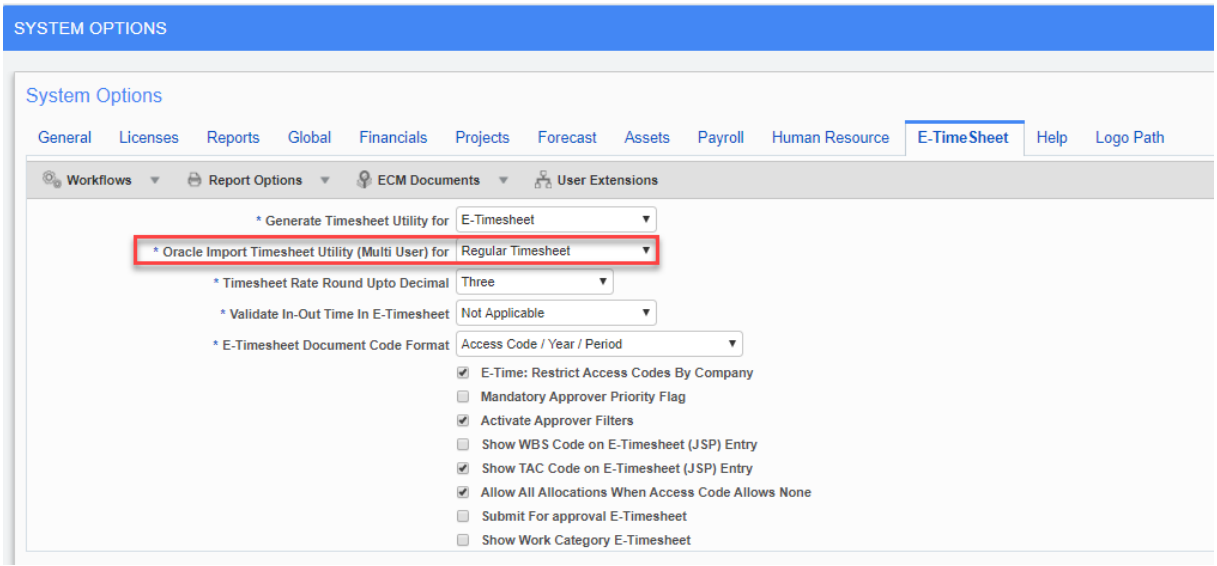


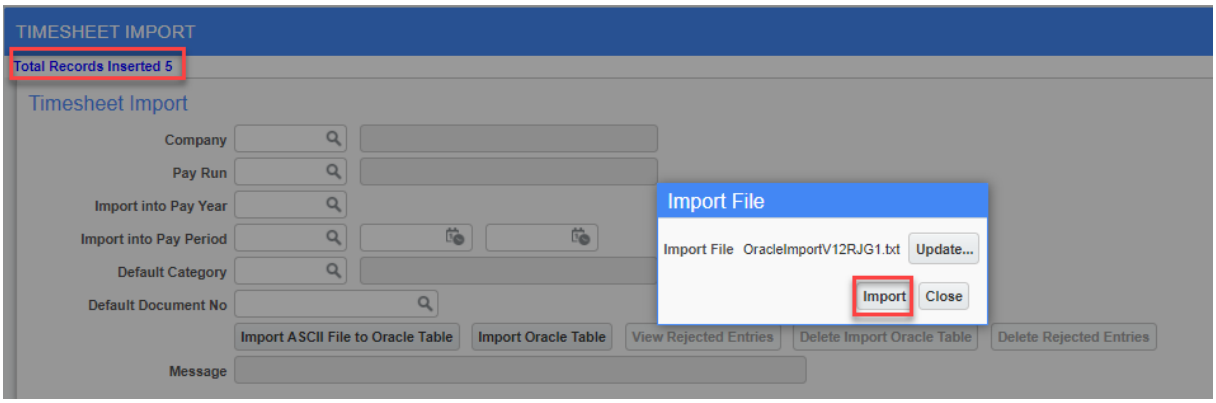
Regular Timesheet Import

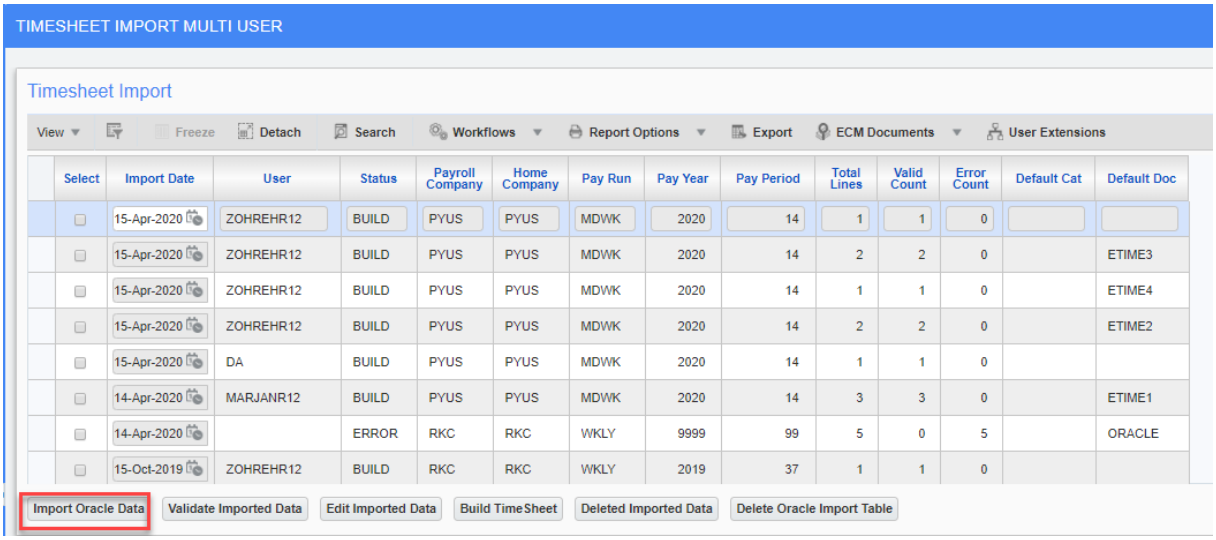
Pre-Requisite: System Option flag set to Regular Timesheet then Import ASCII Oracle file for Regular Timesheets > Go to Import Oracle (Multi-User) program: Step 1: Import Oracle Data, Step 2: Validate Imported Data, Step 3: Edit Imported Data, Step 4: Build Timesheet.

When 'Regular Timesheet' has been chosen by user in system option, after clicking on 'Build Timesheet' in Timesheet import from oracle (Multi-user) ADF screen, user should see all records in regular timesheet screen.

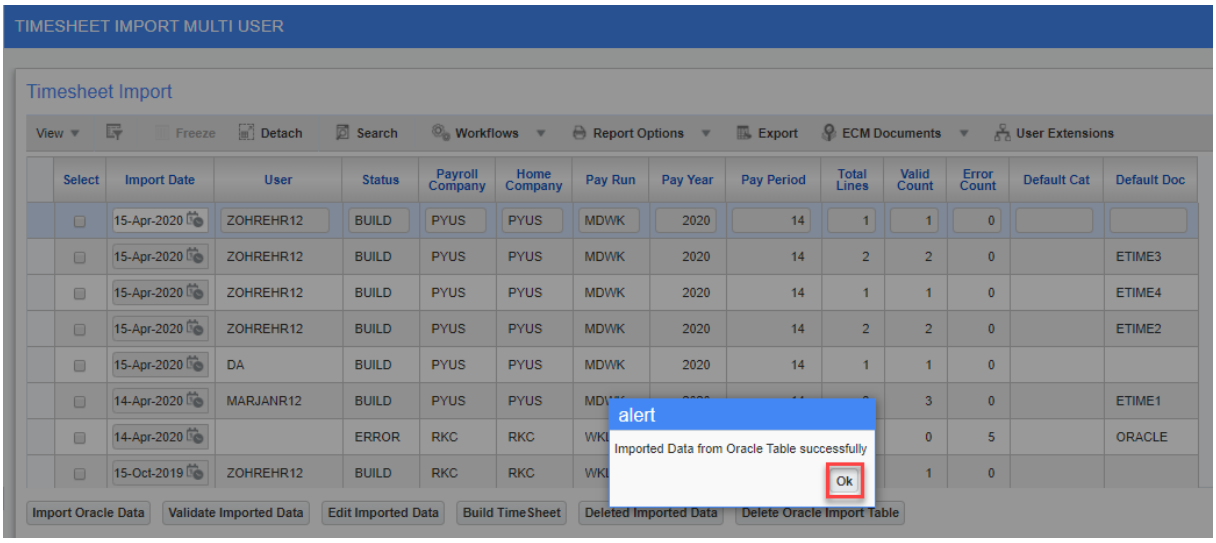
Regular Timesheet Import Logic: System looks for the last open period to import and not the actual date. When there are open periods it will import records in that open period with Actual dates on the import.

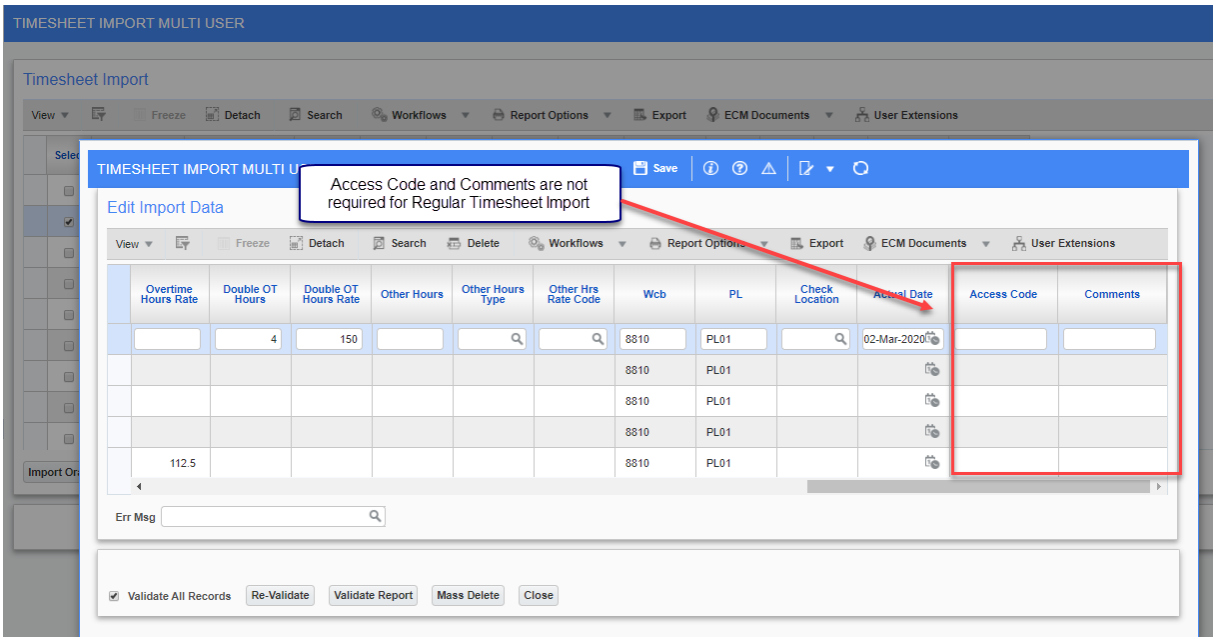


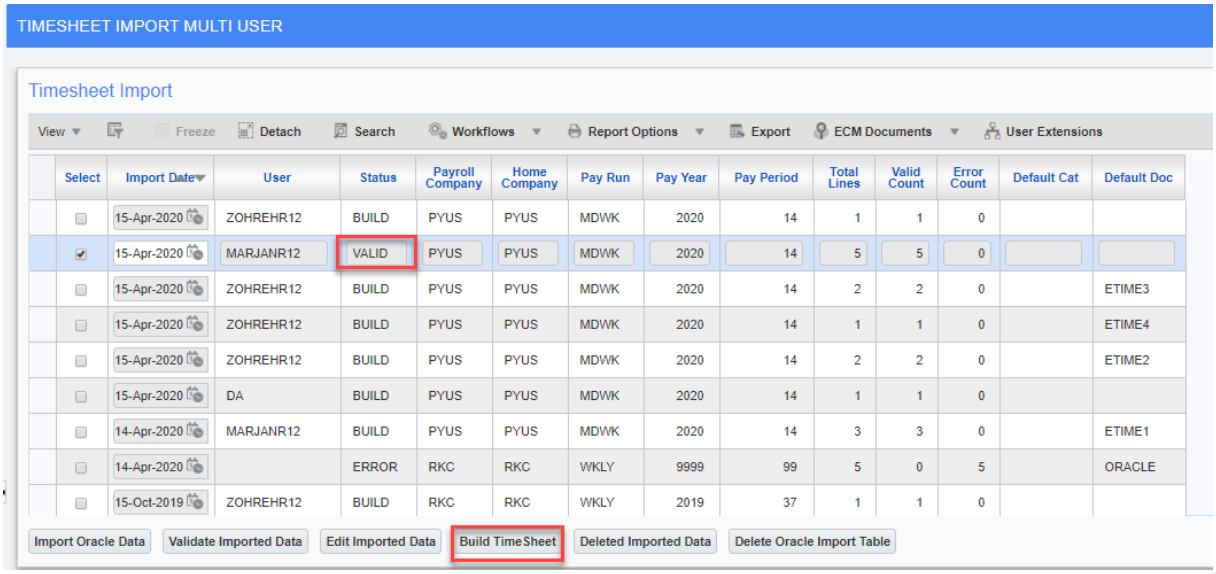


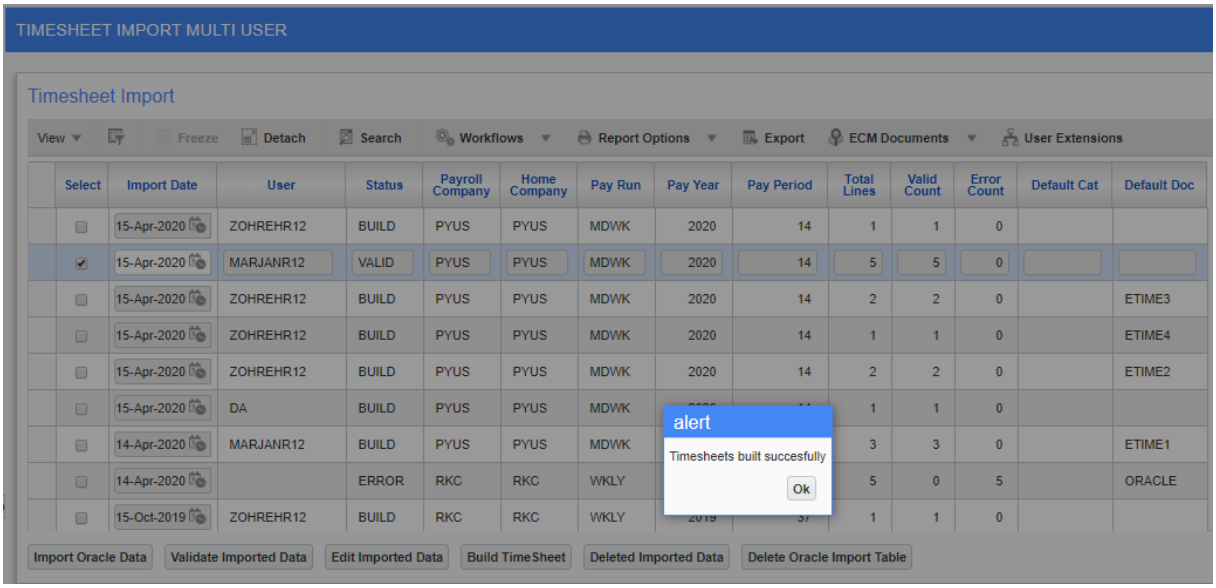


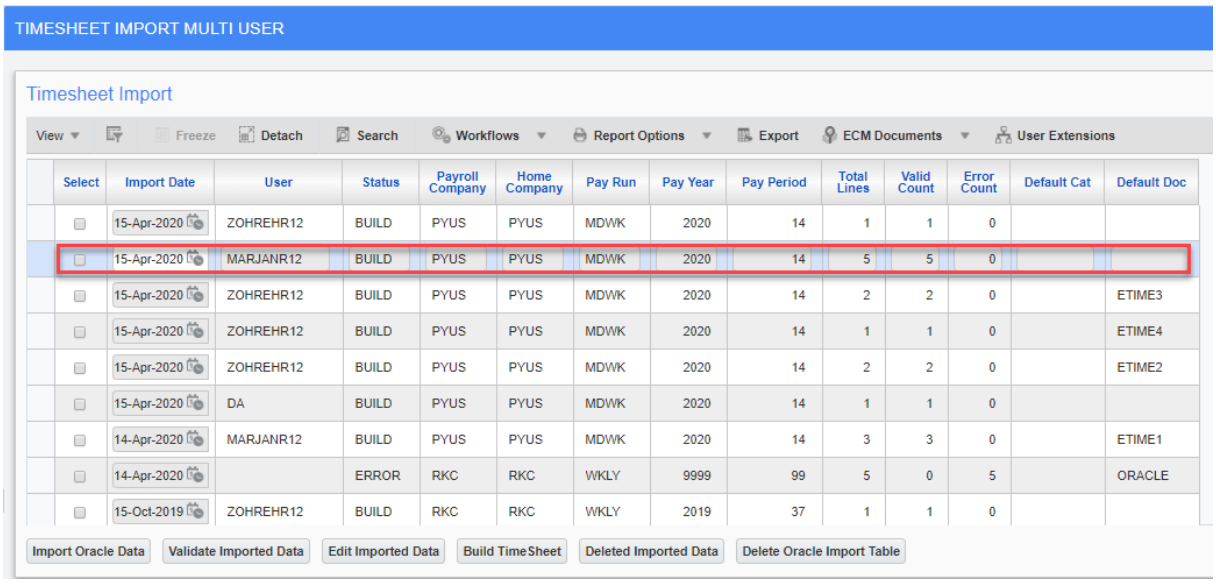
Select	Import Date	User	Status	Payroll Company	Home Company	Pay Run	Pay Year	Pay Period	Total Lines	Valid Count	Error Count	Default Cat	Default Doc
	15-Apr-2020	ZOHREHR12	BUILD	PYUS	PYUS	MDWK	2020	14	1	1	0		
	15-Apr-2020	ZOHREHR12	BUILD	PYUS	PYUS	MDWK	2020	14	2	2	0		ETIME3
	15-Apr-2020	ZOHREHR12	BUILD	PYUS	PYUS	MDWK	2020	14	1	1	0		ETIME4
	15-Apr-2020	ZOHREHR12	BUILD	PYUS	PYUS	MDWK	2020	14	2	2	0		ETIME2
	15-Apr-2020	DA	BUILD	PYUS	PYUS	MDWK	2020	14	1	1	0		
	14-Apr-2020	MARJANR12	BUILD	PYUS	PYUS	MDWK	2020	14	3	3	0		ETIME1
	14-Apr-2020		ERROR	RKC	RKC	WKLY	9999	99	5	0	5		ORACLE
	15-Oct-2019	ZOHREHR12	BUILD	RKC	RKC	WKLY	2019	37	1	1	0		

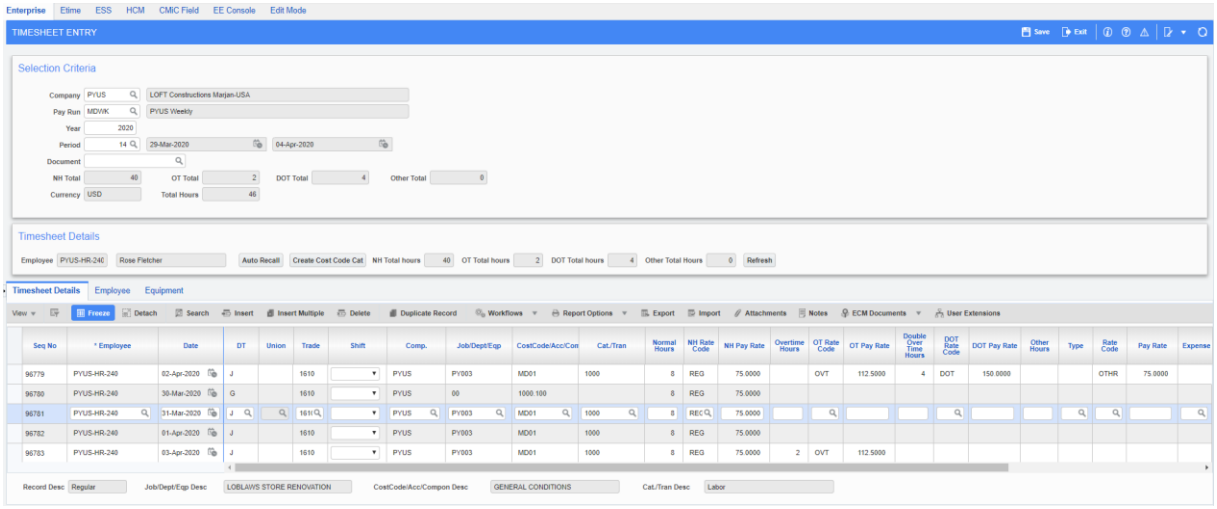



TIMESHEET IMPORT MULTI USER
Timesheet Import
Edit Import Data
Access Code and Comments are not required for Regular Timesheet Import
Overtime Hours Rate
Double OT Hours
Double OT Hours Rate
Other Hours
Other Hours Type
Other Hrs Rate Code
Wcb
PL
Check Location
Actual Date
Access Code
Comments
Err Msg
Validate All Records
Re-Validate
Validate Report
Mass Delete
Close


TIMESHEET IMPORT MULTI USER
Timesheet Import
Import Oracle Data
Validate Imported Data
Edit Imported Data
Build TimeSheet
Deleted Imported Data
Delete Oracle Import Table

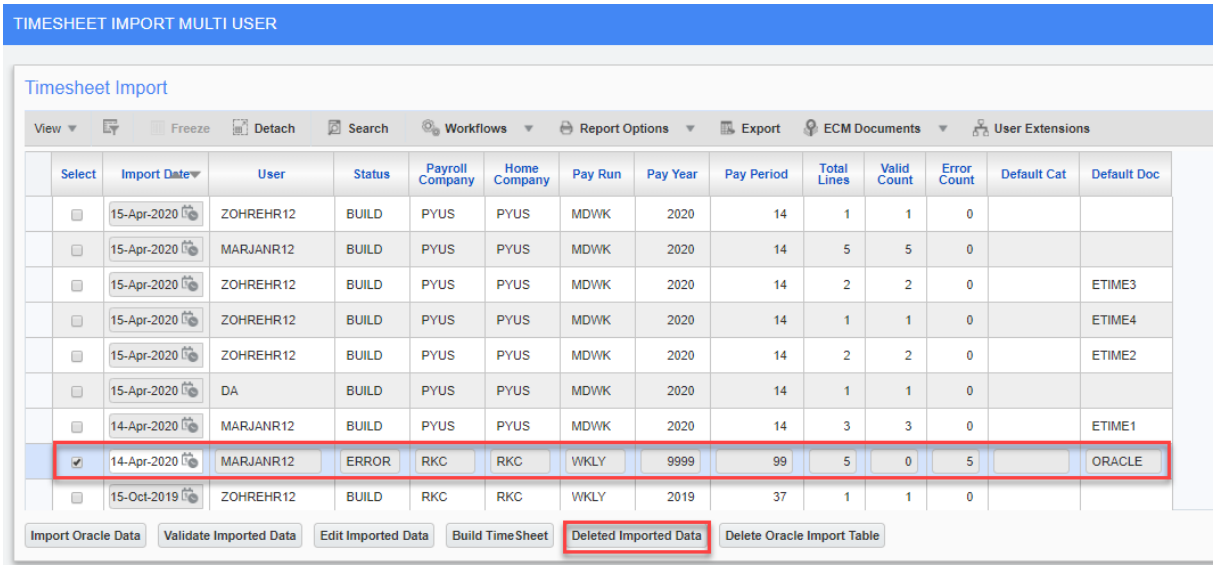

TIMESHEET IMPORT MULTI USER
Timesheet Import
View
Freeze
Detach
Search
Workflows
Report Options
Export
ECM Documents
User Extensions
Select
Import Date
User
Status
Payroll Company
Home Company
Pay Run
Pay Year
Pay Period
Total Lines
Valid Count
Error Count
Default Cat
Default Doc
15-Apr-2020 ZOHREHR12 BUILD PYUS PYUS MDWK 2020 14 1 1 0
15-Apr-2020 MARJANR12 VALID PYUS PYUS MDWK 2020 14 5 5 0
15-Apr-2020 ZOHREHR12 BUILD PYUS PYUS MDWK 2020 14 2 2 0 ETIME3
15-Apr-2020 ZOHREHR12 BUILD PYUS PYUS MDWK 2020 14 1 1 0 ETIME4
15-Apr-2020 ZOHREHR12 BUILD PYUS PYUS MDWK 2020 14 2 2 0 ETIME2
15-Apr-2020 DA BUILD PYUS PYUS MDWK 1 1 0
14-Apr-2020 MARJANR12 BUILD PYUS PYUS MDWK 3 3 0 ETIME1
14-Apr-2020 ERROR RKC RKC WKLY 5 0 5 ORACLE
15-Oct-2019 ZOHREHR12 BUILD RKC RKC WKLY 1 1 0
alert
Timesheets built succesfully
Ok
Import Oracle Data
Validate Imported Data
Edit Imported Data
Build TimeSheet
Deleted Imported Data
Delete Oracle Import Table

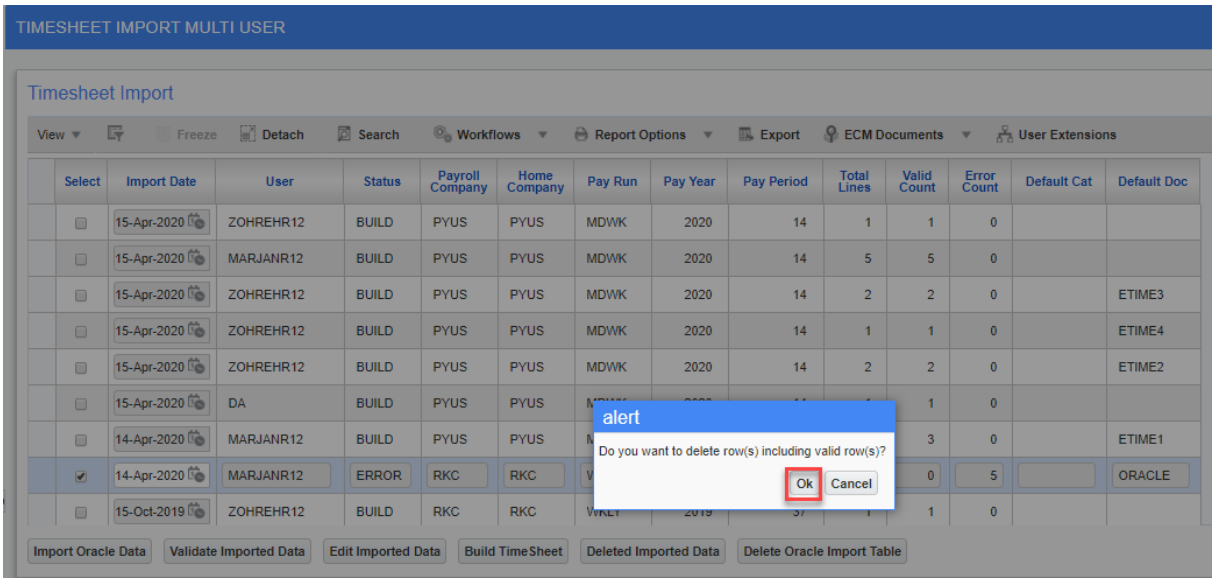

TIMESHEET IMPORT MULTI USER
Timesheet Import
View
Freeze
Detach
Search
Workflows
Report Options
Export
ECM Documents
User Extensions
Select
Import Date
User
Status
Payroll Company
Home Company
Pay Run
Pay Year
Pay Period
Total Lines
Valid Count
Error Count
Default Cat
Default Doc
15-Apr-2020 ZOHREHR12 BUILD PYUS PYUS MDWK 2020 14 1 1 0
15-Apr-2020 MARJANR12 BUILD PYUS PYUS MDWK 2020 14 5 5 0
15-Apr-2020 ZOHREHR12 BUILD PYUS PYUS MDWK 2020 14 2 2 0 ETIME3
15-Apr-2020 ZOHREHR12 BUILD PYUS PYUS MDWK 2020 14 1 1 0 ETIME4
15-Apr-2020 ZOHREHR12 BUILD PYUS PYUS MDWK 2020 14 2 2 0 ETIME2
15-Apr-2020 DA BUILD PYUS PYUS MDWK 2020 14 1 1 0
14-Apr-2020 MARJANR12 BUILD PYUS PYUS MDWK 2020 14 3 3 0 ETIME1
14-Apr-2020 ERROR RKC RKC WKLY 9999 99 5 0 5 ORACLE
15-Oct-2019 ZOHREHR12 BUILD RKC RKC WKLY 2019 37 1 1 0
Import Oracle Data
Validate Imported Data
Edit Imported Data
Build TimeSheet
Deleted Imported Data
Delete Oracle Import Table

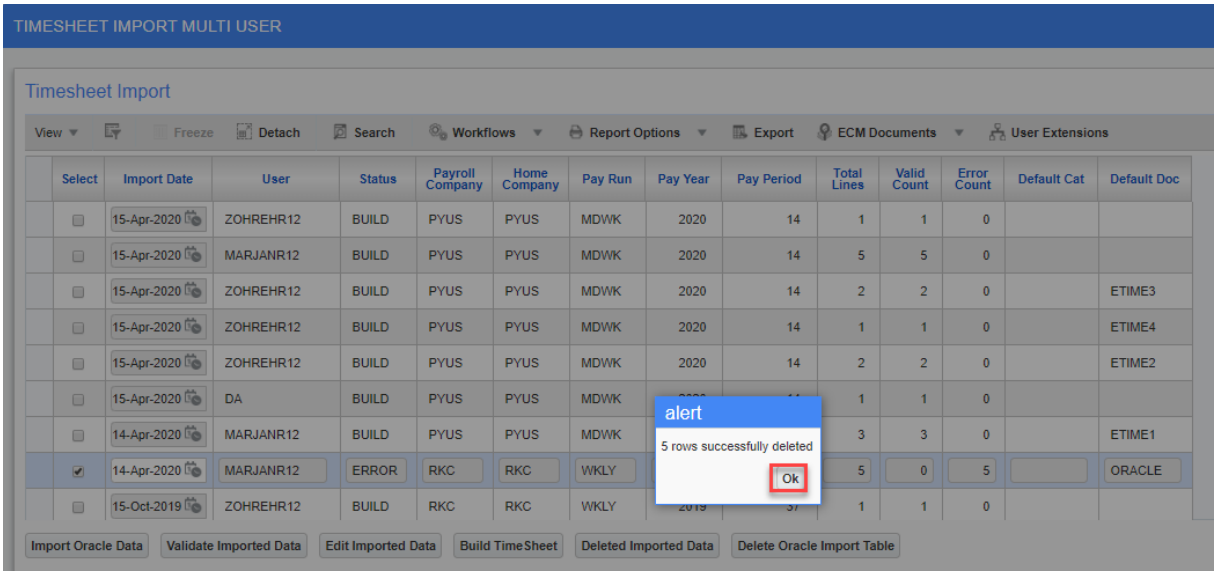

TIMESHEET ENTRY
Selection Criteria
Timesheet Details
Employee
Equipment

Delete Imported Data

Imported data can be deleted when import is completed in multi-user program. User can select the record with a status of ERROR and VALID and delete the imported data. BUILD statuses cannot be deleted.

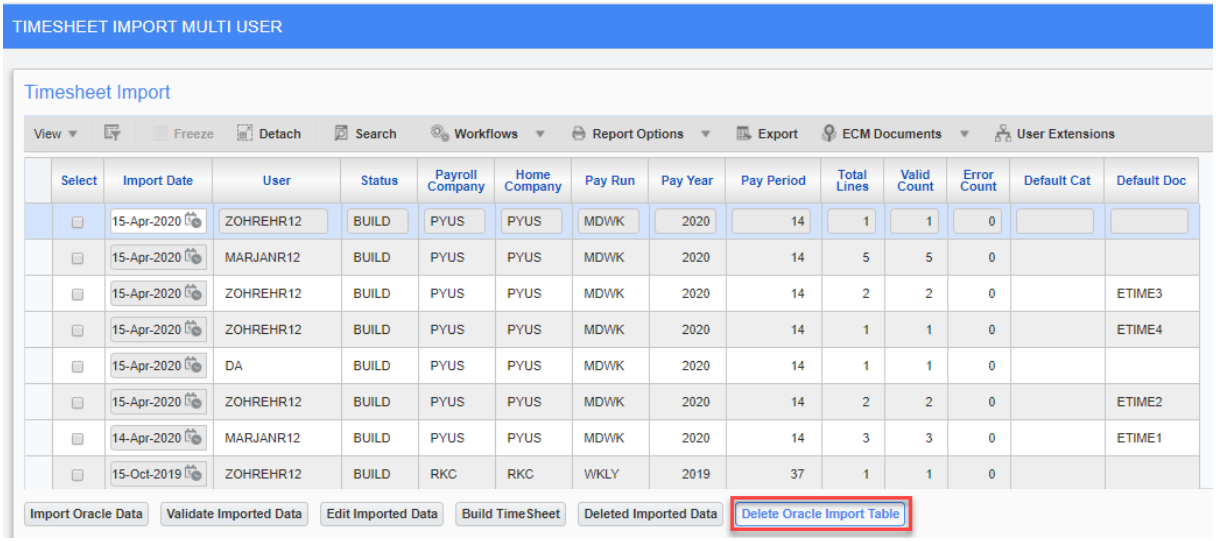


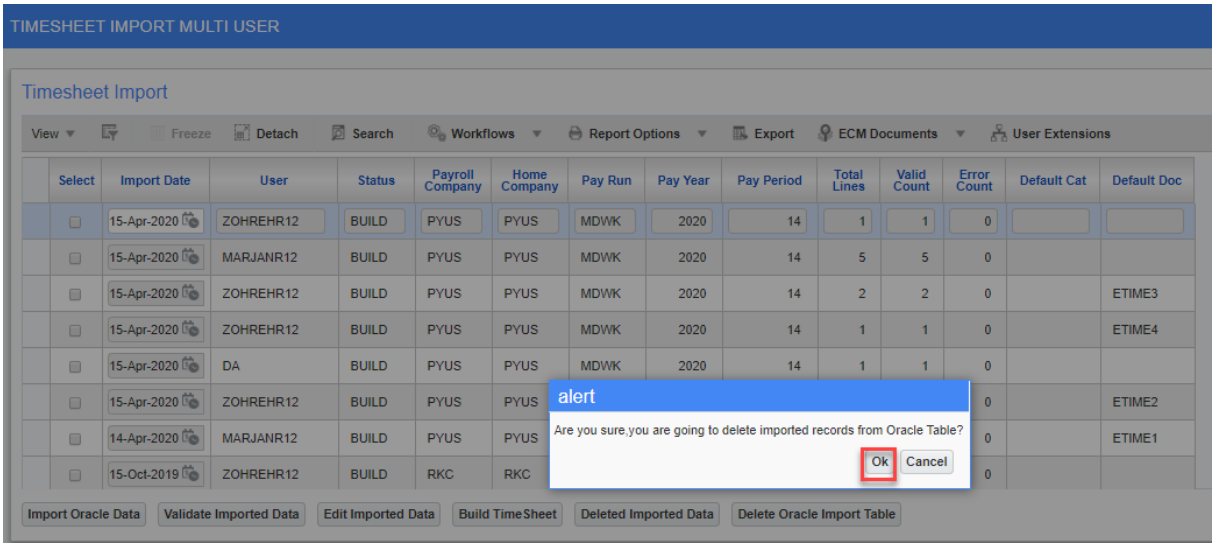




Delete Oracle Table

Delete imported records from Oracle table





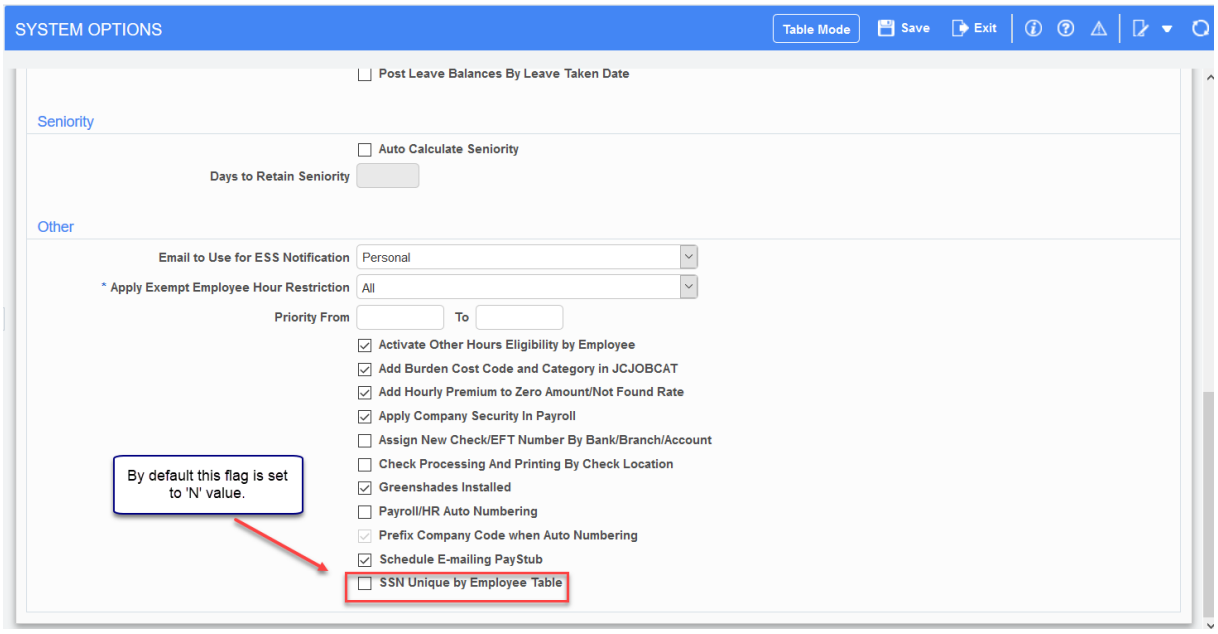
Employee SSN Validation – New Flag (19.92676)

CMiC has modified the employee profile screen to raise an error message as soon as user enters an existing SSN number. A new check box 'SSN Unique by Employee Table' is added to System Options under Payroll tab to validate the uniqueness of the SSN in the employee table.

By default, the flag for this option is set to 'N'.

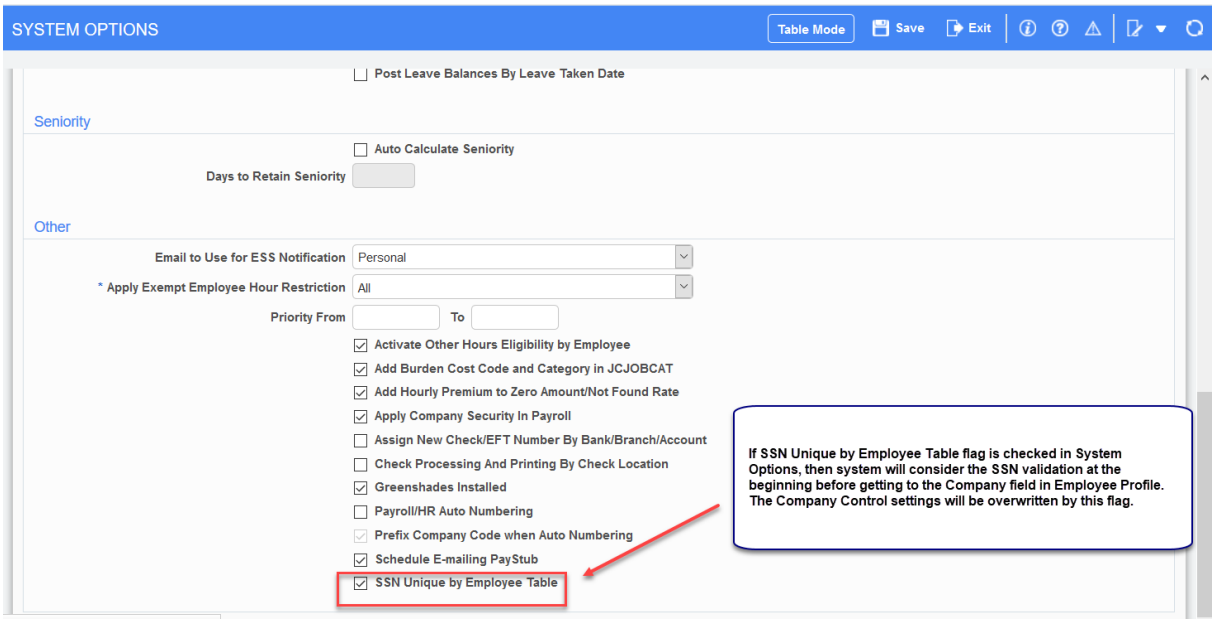
If this flag is checked for the check box 'SSN Unique by Employee Table' in System Options, then the SSN validation rule defined and set under Company Control is overwritten by System Options checkbox.

If 'SSN Unique by Employee Table' in System Options is un-checked, then system will consider the SSN unique validation rules set in Company Control.

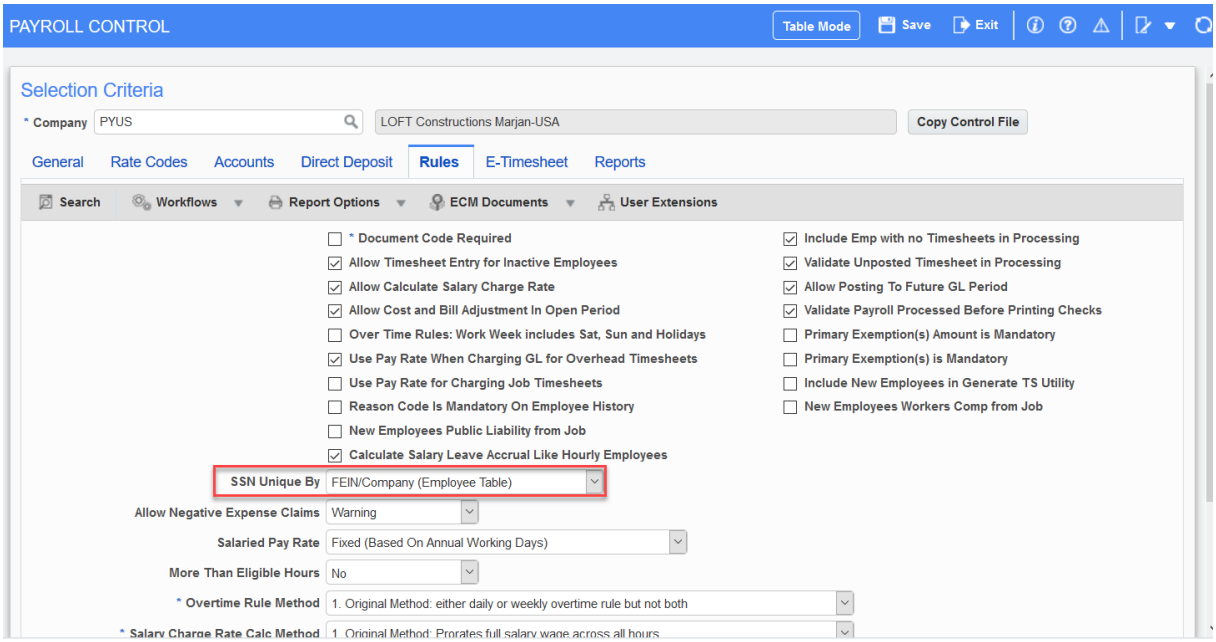


The new added flag SSN Unique by Employee Table is set to 'N' (Null value) by default.

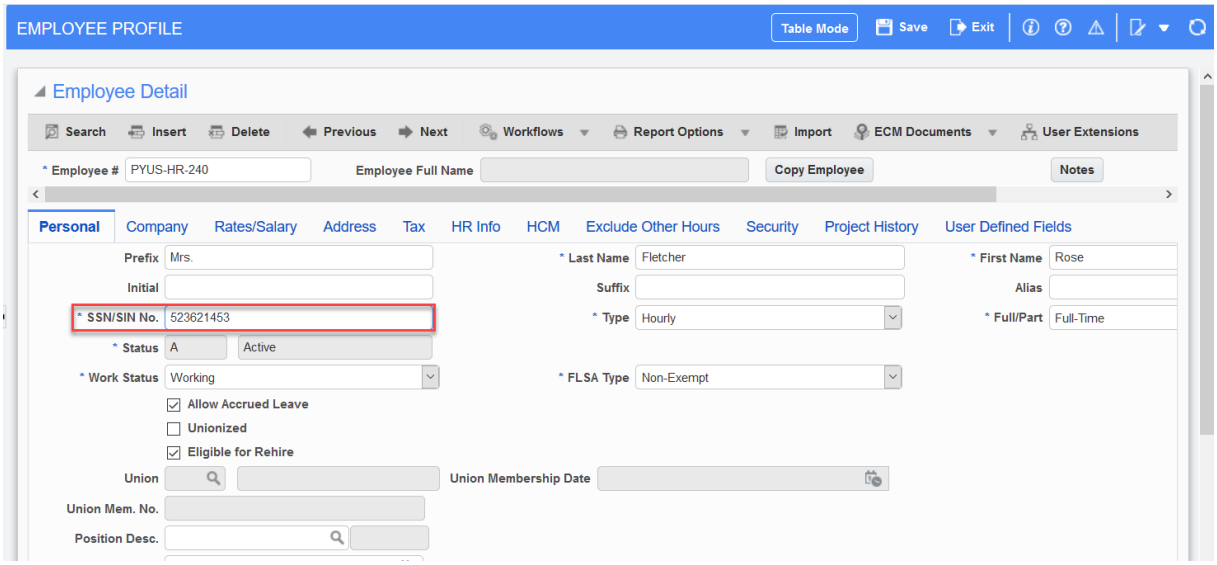
The new added flag and check box ‘SSN Unique by Employee Table’ validates the uniqueness of employee SSN at the beginning of employee creation in employee profile, when entering the SSN and tabbing out of the SSN field.



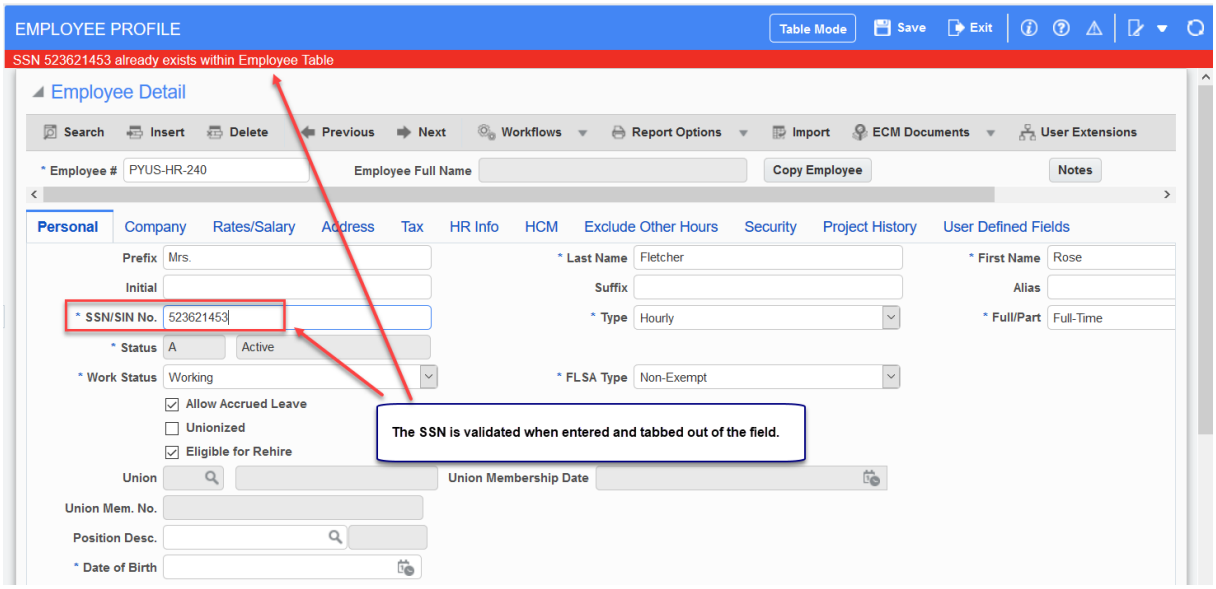
Payroll Company Control flag defined setting for SSN validation



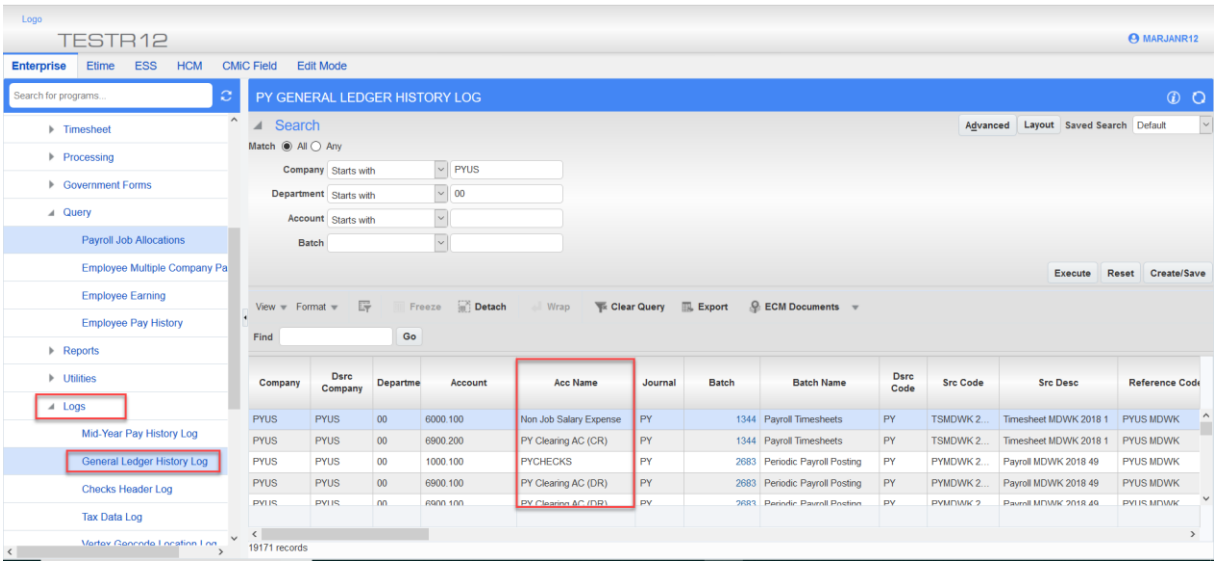
Creating a new employee record with an existing SSN will generate an error upon entering at the beginning of employee creation.



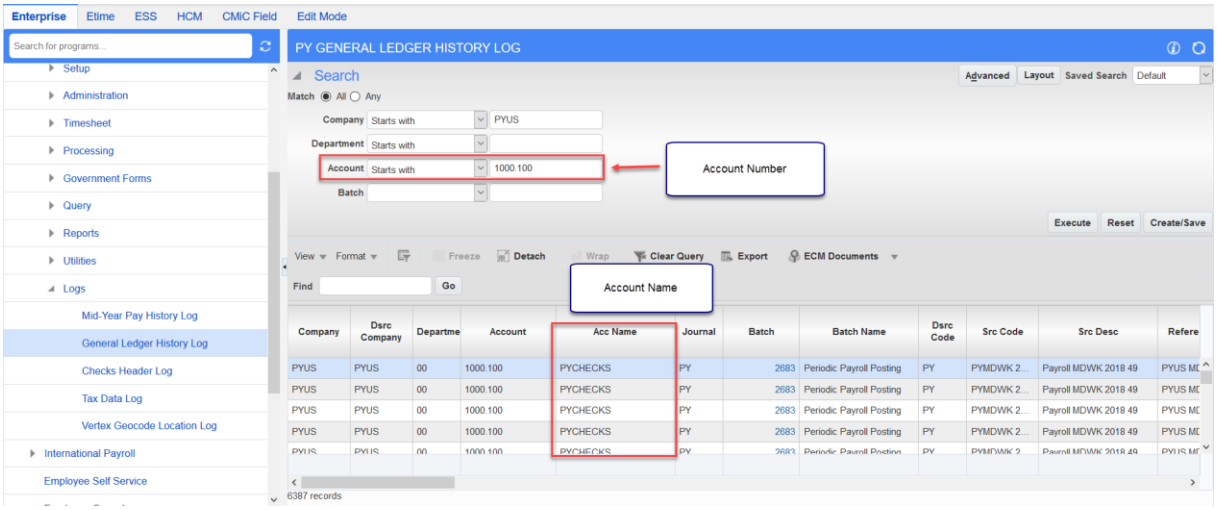
The employee SSN uniqueness is validated at the beginning of the employee record creation, upon entering and tabbing out of the employee field.



Addition of A/C Name in PY General Ledger History Log (19.93119)



CMiC has added an 'Account Name' column after the 'Account Code' column in PY General Ledger History Log screen to view the account name of the account number.



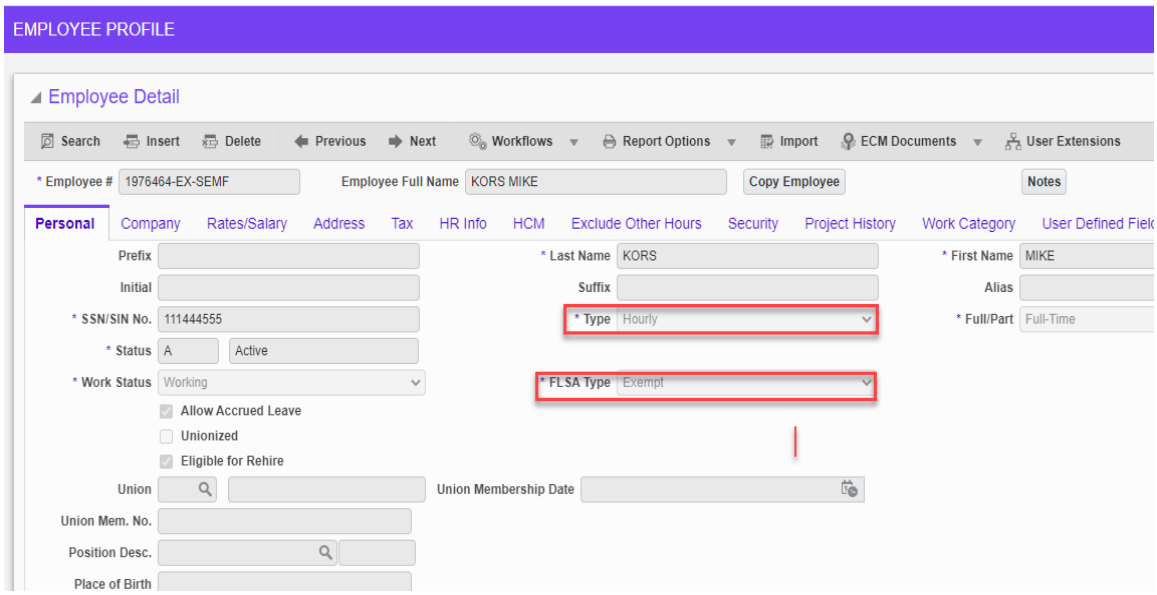
Payroll Exempt Employee Utility (19.76464)

CMiC has created a utility called Employee Exempt Rules Processing. Users can assign a maximum number of hours for a pay run and designate an hour type where any hours charged over and above the maximum number of hours should be adjusted (e.g. JCHR). The processing will automatically split normal hours into NWHR and JCHR in the timesheet table and it will pro-rate hours accordingly based on job. Only employees who have been designated as exempt will have the ability to charge additional hours in a pay run.

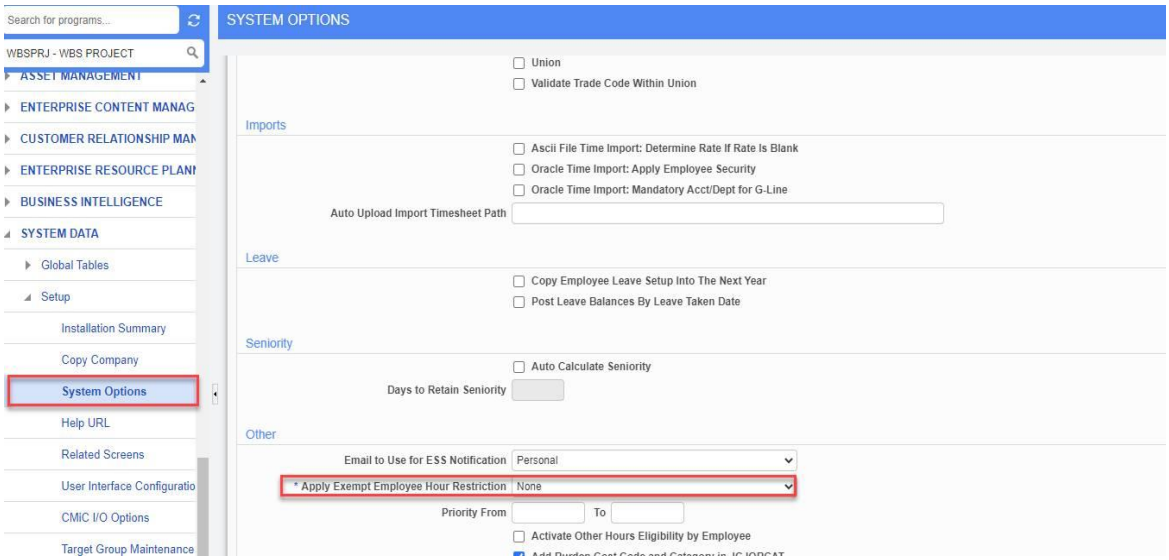
The Employee Exempt Process screen is used to apply the exempt rule to employee(s), as well as to define any additional application criteria, such as pay run, pay year, and pay period. The screen processes un-posted timesheets as per setup and will automatically adjust time entered over maximum hours in a pay run and create a new line in the timesheet table as JCHR Hours for adjusted hours based on setup selections. Creating an adjustment line for JCHR hour type is beneficial for payroll processing as JCHR hours don't go into the payroll table, making your payroll much cleaner.

Pre-requisites

On the Employee Profile screen, an employee must be set up as “Hourly” and the FLSA type must be set as “Exempt”, as shown in the screenshot below.



NOTE: The Apply Exempt Employee Hour Restriction field drop-down menu should be set to “None” on the Payroll tab of the System Options screen (standard Treeview path: *System* > *Setup* > *System Options – Payroll tab*).



Modifications

With this modification, users will be able to allow Exempt employees to charge additional hours in excess of the maximum number of hours allowed for a specific pay run but employees will only be paid for hours up to the pay run’s maximum established limit. For example, for a weekly pay run, an Exempt employee could charge over 40 hours in a week to jobs for the weekly pay run but would only be paid for the 40-hour work week.

This enhancement will allow hourly employees to charge more time to jobs, time actually worked so the company can get reimbursed.

NOTE: The Employee Exempt Process screen will consider other hours part of an employee's regular hours based on the new 'Exempt Rule' flag introduced on the Hour Types screen.

Implementation

The processing routine will calculate total number of hours per period based on employee pay run on profile.

The program will take an employee's total work hours/year or total work days/year from the Employee Profile screen or it will take total work hours/year and work days/year from company Payroll Control screen to calculate total number of hours in a period.

For example, if using the company Payroll Control screen to calculate total number of hours per period, the calculation would be as follows:

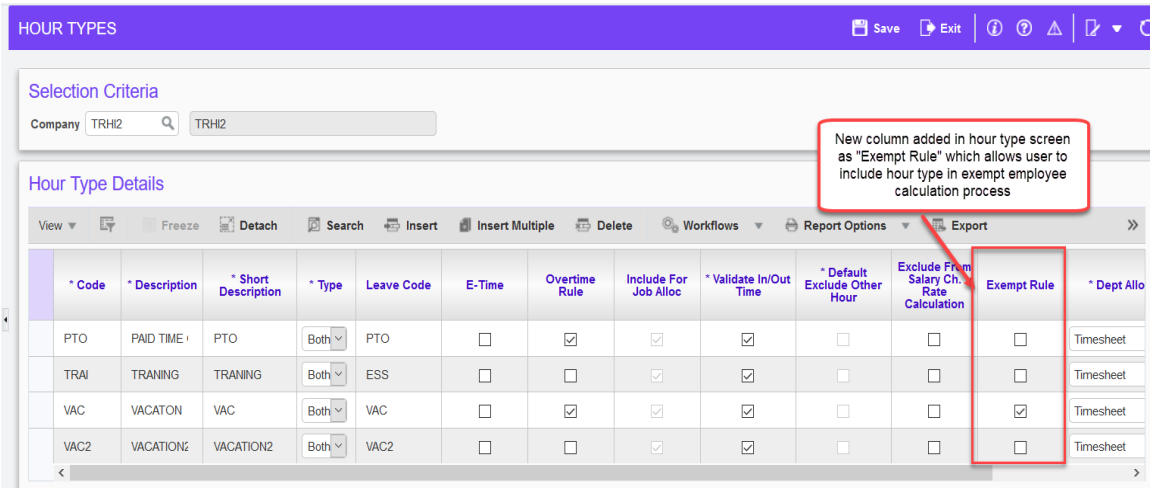
Total days in a year in company Payroll Control screen is 260.

Total hours in a year in company Payroll Control screen is 2080.

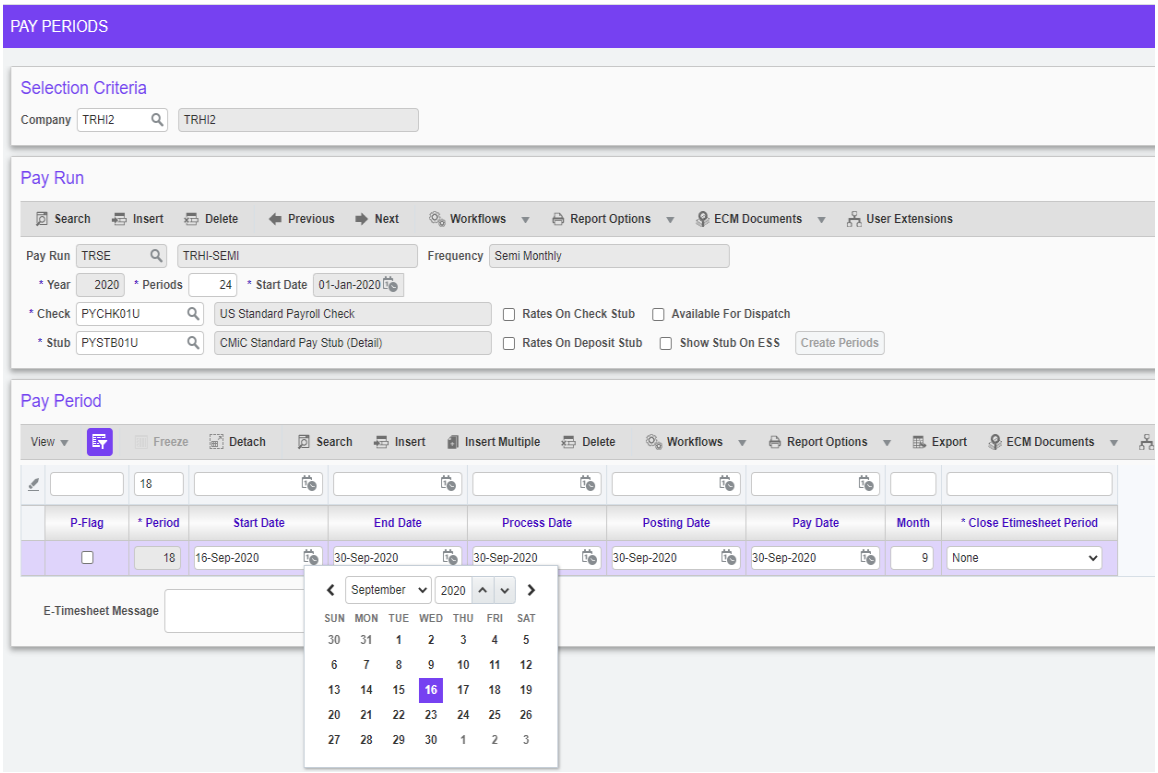
The processing will divide 2080/260=8 hours per day and it will calculate total hours per pay period by taking period start date and end date.

NOTE: Part-time employees are set up on the Employee Profile screen using either hours/year or work days/year. If total hours/year is set up as 1100, then the formula would be 1100 divided by the total number of days set up on the company Payroll Control screen (i.e. 260). For example, 1100/260.

Please see below example of semi-monthly Full-time employee pay run calculation:



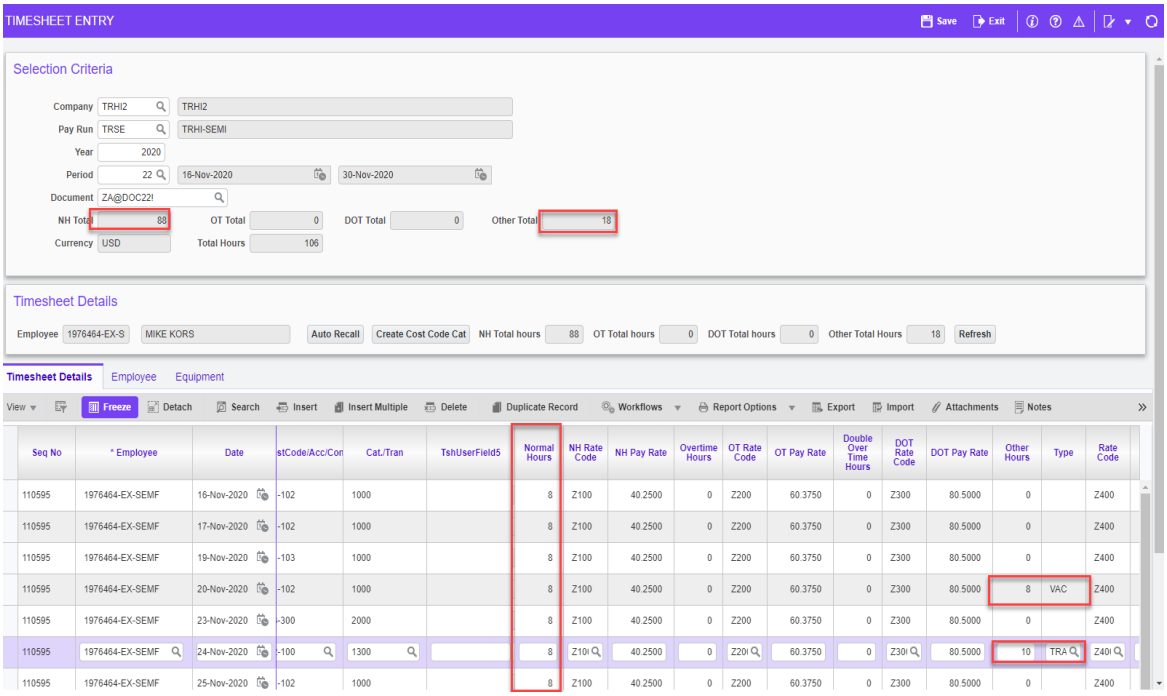
The following is a semi-monthly pay run start with September 16th until September 30th, which is 16 days. The system will calculate working days as 11 days and then multiply hours per day 8 by 11 = 88 hours.



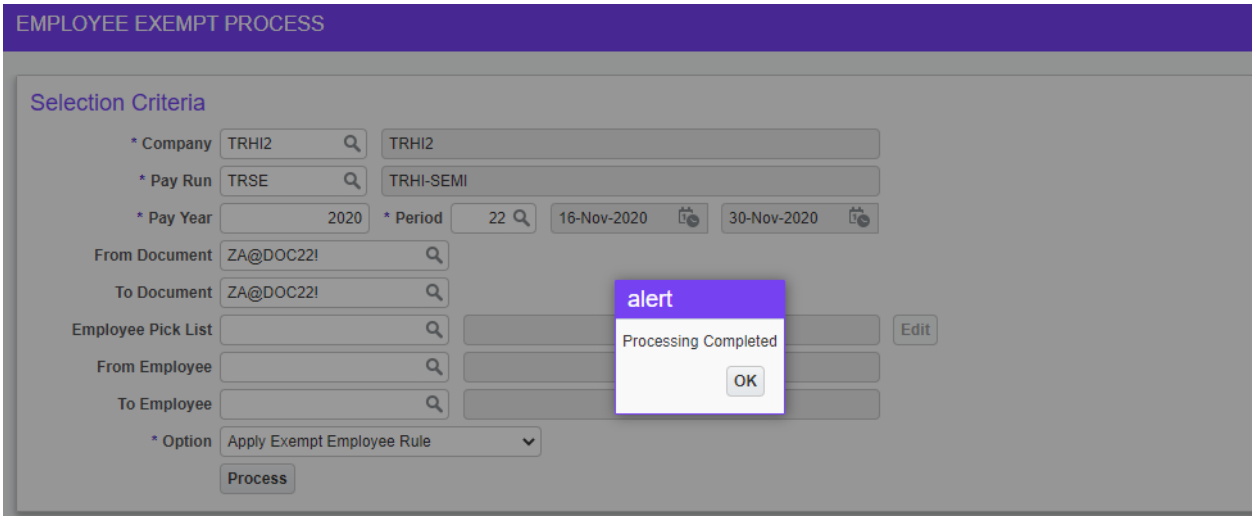
Insert timesheet for that period which is total of 88 hours.

TRAN – Training hours are not included in processing.

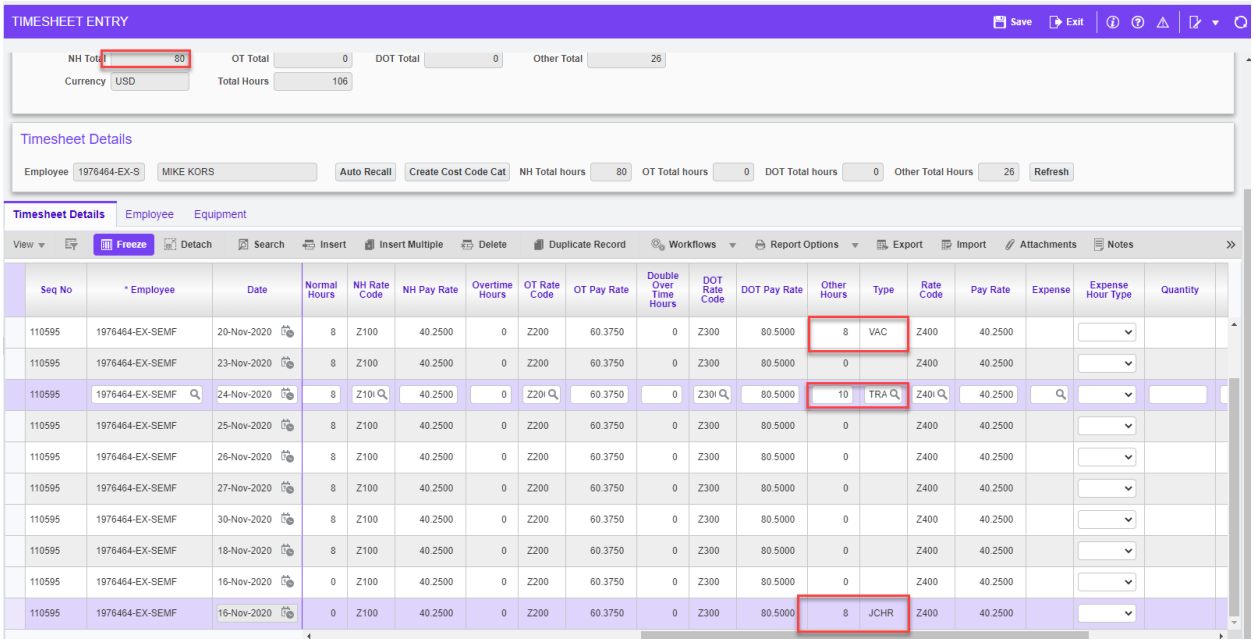
VAC – Vacation hours set up as include in Job cost hours processing (i.e. ‘Exempt Rule’ box checked for VAC code on Hour Types screen).



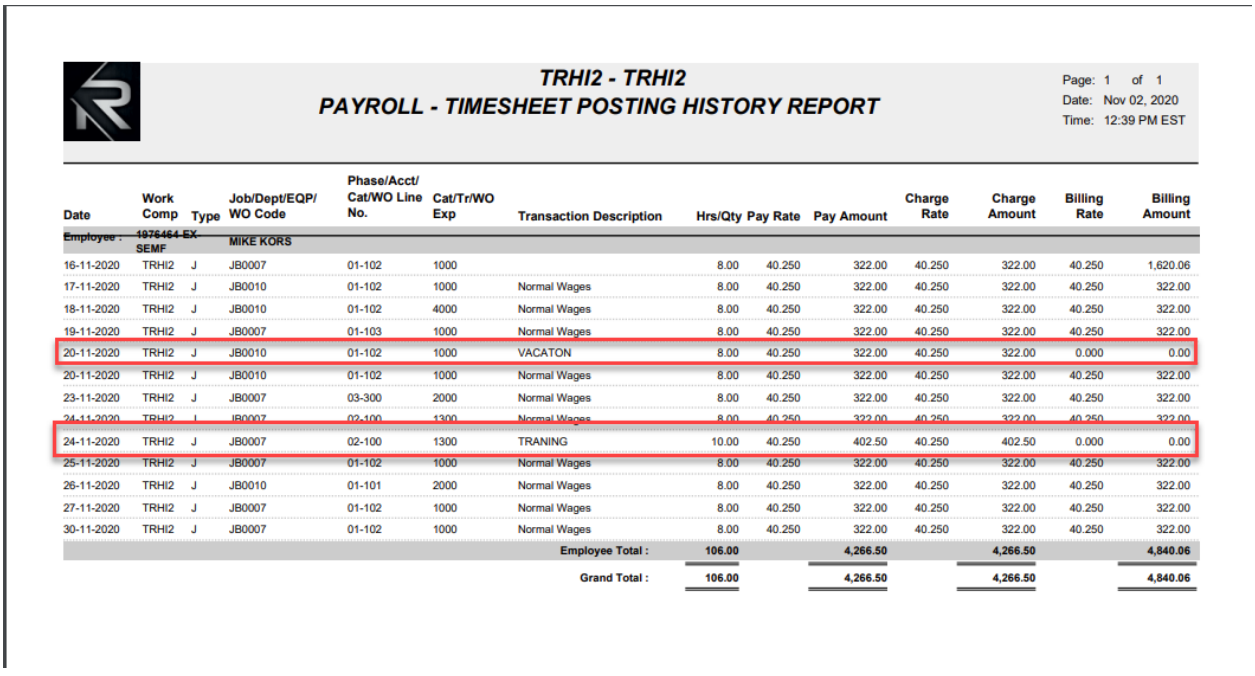
If total hours for the period for regular hours are 88, then in above scenario employee actually entered 96 hours as regular hours because 8 vacation hours will be considered as regular hours as per hour type using new 'Exempt Rule' flag and 10 hours for training time will be considered as additional hours paid to this employee.



So, the calculation will be as follows:
80 hours as NWHR
8 hours as Vacation
10 hours as Tran
8 hours as JCHR



Post the timesheet and run the reports:



TRHI2 - TRHI2

PAYROLL - TIMESHEET POSTING HISTORY REPORT

Page: 1 of 1
Date: Nov 02, 2020
Time: 12:39 PM EST

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 : 1976464-EX-SEMF			MIKE KORS										
16-11-2020	TRHI2	J	JB0007	01-102	1000		8.00	40.250	322.00	40.250	322.00	40.250	1,620.06
17-11-2020	TRHI2	J	JB0010	01-102	1000	Normal Wages	8.00	40.250	322.00	40.250	322.00	40.250	322.00
18-11-2020	TRHI2	J	JB0010	01-102	4000	Normal Wages	8.00	40.250	322.00	40.250	322.00	40.250	322.00
19-11-2020	TRHI2	J	JB0007	01-103	1000	Normal Wages	8.00	40.250	322.00	40.250	322.00	40.250	322.00
20-11-2020	TRHI2	J	JB0010	01-102	1000	VACATON	8.00	40.250	322.00	40.250	322.00	0.000	0.00
20-11-2020	TRHI2	J	JB0010	01-102	1000	Normal Wages	8.00	40.250	322.00	40.250	322.00	40.250	322.00
23-11-2020	TRHI2	J	JB0007	03-300	2000	Normal Wages	8.00	40.250	322.00	40.250	322.00	40.250	322.00
24-11-2020	TRHI2	J	JB0007	02-100	1300	Normal Wages	8.00	40.250	322.00	40.250	322.00	40.250	322.00
24-11-2020	TRHI2	J	JB0007	02-100	1300	TRANING	10.00	40.250	402.50	40.250	402.50	0.000	0.00
25-11-2020	TRHI2	J	JB0007	01-102	1000	Normal Wages	8.00	40.250	322.00	40.250	322.00	40.250	322.00
26-11-2020	TRHI2	J	JB0010	01-101	2000	Normal Wages	8.00	40.250	322.00	40.250	322.00	40.250	322.00
27-11-2020	TRHI2	J	JB0007	01-102	1000	Normal Wages	8.00	40.250	322.00	40.250	322.00	40.250	322.00
30-11-2020	TRHI2	J	JB0007	01-102	1000	Normal Wages	8.00	40.250	322.00	40.250	322.00	40.250	322.00
						Employee Total :	**106.00**		**4,266.50**		**4,266.50**		**4,840.06**
						Grand Total :	**106.00**		**4,266.50**		**4,266.50**		**4,840.06**

TRHI2 - TRHI2
JOB COSTING - JC POSTING REPORT
Batch 20517 - Payroll Timesheets

Page: 1 of 2
Date: Nov 02, 2020
Time: 12:39 PM EST

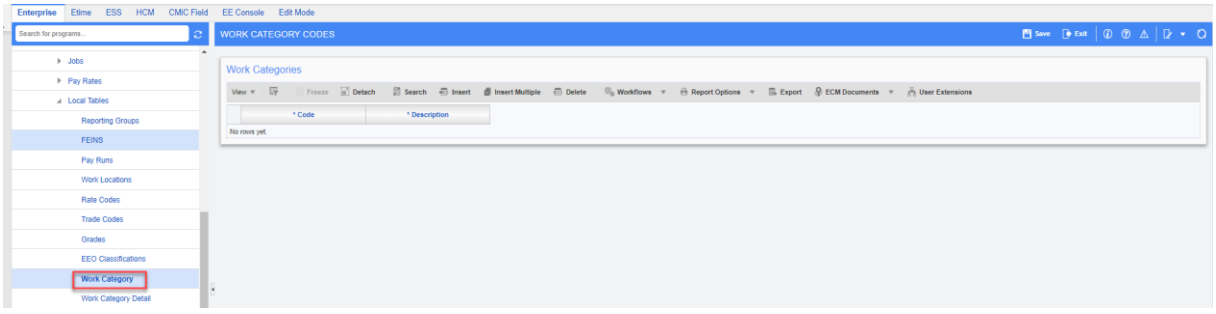
Company	T	Dept / WBS 1	Account / WBS 2	Job / WBS 3	Cost Code / WBS 4	Cat	Source Code	Ref Code	Ref Date	Post Date	Batch	SRC	PO/SC	WM	Quantity	Amount
TRHI2	C	00	5200.100	JB0007	01-102	1000	1976464-EX-SEMF	TRSE TRSE202022	16-11-2020	30-11-2020	20517	PY		HR	8.000	322.00
TRHI2	C	00	5200.100	JB0007	01-102	1000	1976464-EX-SEMF	TRSE TRSE202022	25-11-2020	30-11-2020	20517	PY		HR	8.000	322.00
TRHI2	C	00	5200.100	JB0007	01-102	1000	1976464-EX-SEMF	TRSE TRSE202022	27-11-2020	30-11-2020	20517	PY		HR	8.000	322.00
TRHI2	C	00	5200.100	JB0007	01-102	1000	1976464-EX-SEMF	TRSE TRSE202022	30-11-2020	30-11-2020	20517	PY		HR	8.000	322.00
TRHI2	C	00	5200.100	JB0007	01-103	1000	1976464-EX-SEMF	TRSE TRSE202022	19-11-2020	30-11-2020	20517	PY		HR	8.000	322.00
TRHI2	C	00	5200.100	JB0007	02-100	1300	1976464-EX-SEMF	TRSE TRSE202022	24-11-2020	30-11-2020	20517	PY		$	8.000	322.00
TRHI2	C	00	5200.100	JB0007	02-100	1300	1976464-EX-SEMF	TRSE TRSE202022	24-11-2020	30-11-2020	20517	PY		$	10.000	402.50
TRHI2	C	00	5200.100	JB0007	03-300	2000	1976464-EX-SEMF	TRSE TRSE202022	23-11-2020	30-11-2020	20517	PY		NA	8.000	322.00
											Total For Job:			JB0007		2,656.50
TRHI2	C	00	5200.100	JB0010	01-101	2000	1976464-EX-SEMF	TRSE TRSE202022	26-11-2020	30-11-2020	20517	PY		NA	8.000	322.00
TRHI2	C	00	5200.100	JB0010	01-102	1000	1976464-EX-SEMF	TRSE TRSE202022	17-11-2020	30-11-2020	20517	PY		HR	8.000	322.00
TRHI2	C	00	5200.100	JB0010	01-102	4000	1976464-EX-SEMF	TRSE TRSE202022	18-11-2020	30-11-2020	20517	PY		NA	8.000	322.00
TRHI2	C	00	5200.100	JB0010	01-102	1000	1976464-EX-SEMF	TRSE TRSE202022	20-11-2020	30-11-2020	20517	PY		HR	8.000	322.00
TRHI2	C	00	5200.100	JB0010	01-102	1000	1976464-EX-SEMF	TRSE TRSE202022	20-11-2020	30-11-2020	20517	PY		HR	8.000	322.00
											Total For Job:			JB0010		1,610.00
											Total For Company:			TRHI2		4,266.50
											Total For Currency:			USD		4,266.50

New E-Time Entry – Work Category & Types (19.79654) – BETA Version

New E-Time Entry by Work Category and Work Category Types – Beta Version (In Programming/Not Released)

In this release we have added two new screens under US Payroll Local Tables.

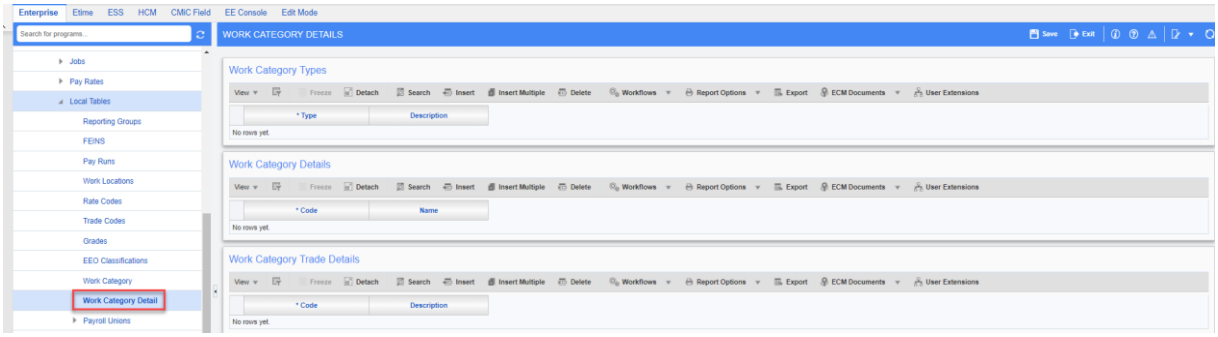
Work Category Screen – New Screen



A new screen is programmed to allow users to create ‘Work Categories’. Employees would utilize these work categories when entering timesheets to create analytics on the employee spent time during the day. The screen will consist of two columns Category code and descriptions.

Work Category Details – New Screen

To manage these categories by employee and trade, these categories will be assigned to a specific group.



A new screen is programmed to allow users to create ‘Work Category Types’. Users will be creating

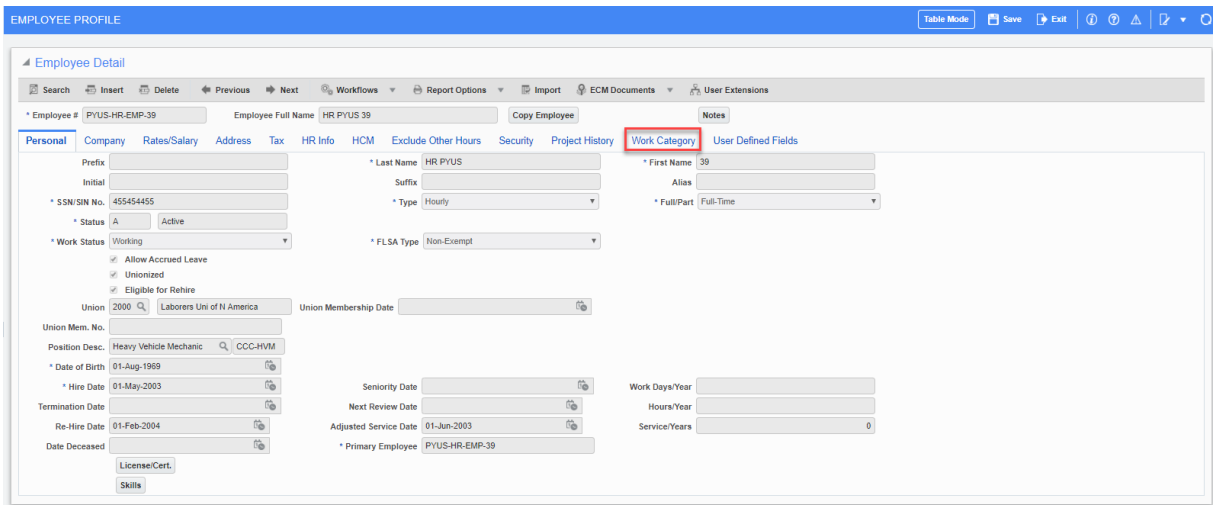
‘Work Category Type’ based on employee trades daily work. The screen will have header to create Work Category Type and detail section to add work categories. The third block will allow users to assign trade code where work Category type is applicable. This would allow e-timesheet program to filter categories by employee trades and they will only see work categories applicable to their trades.

Employee Profile – Employee Creation Process Modifications

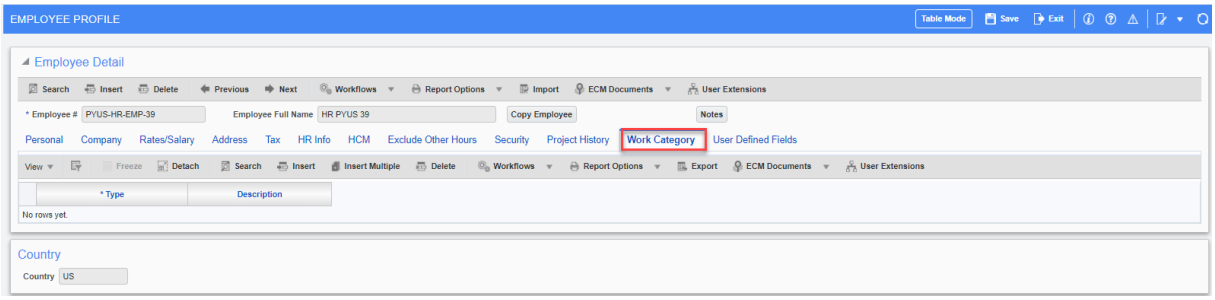
The Work Category Type will be assigned on employee level, the employee creation process will be modified to assign the Work Category Type automatically to the employee based on employee trade.

The process will search Work Category and assign trades to employees where trade code matches with employee trade. Users will continue to have an override feature to assign work category manually.

Employee Profile Work Category Tab > Work Category Type



The screen will be created for users to review and assign work category by employee.



E-Timesheet Entry Screen Modification (In Programming – Not Released in this Patch)

E-timesheet entry screen will be modified to add a new field called 'Work Category' after Job Category field. Timesheet will display all Work Categories based on employee assignments. Employees will select their work category from a drop-down list when entering timesheets.

Note: CMiC is adding an option to disable this feature for our existing users when released.

Mobile Crew Time – Trade Code Claiming (19.90341)

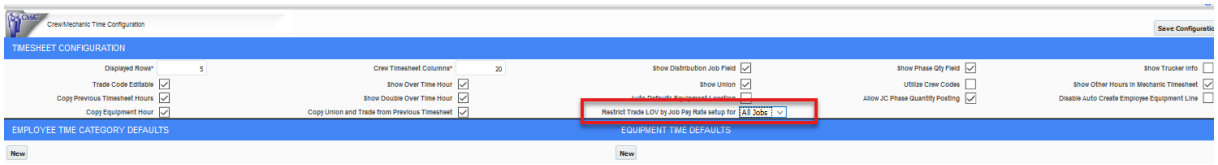
Trade Code Claiming-Restrict Trade codes for jobs as per setup on Job Pay Rates program

Overview

Employee Trade codes available for time submission on Crew Timesheet Entry program can be restricted to Trades available on Job Pay Rates program for PW Jobs, All Jobs or no jobs at all, depending on the state of flag **Restrict Trade LOV by Job Pay Rate setup for** on Crew Timesheet Configuration screen

Pre-requisites

Set field **Restrict Trade LOV by Job Pay Rate setup for** on Crew Timesheet Configuration screen to desired state to restrict trade codes for all jobs, PW jobs or no jobs at all.



Modifications

Drop down field **Restrict Trade LOV by Job Pay Rate setup for** has been added on **Crew Timesheet Configuration** screen with 3 options:

-All Jobs: Select this option to restrict Trade Codes as per setup on Job Pay Rates screen for all Jobs

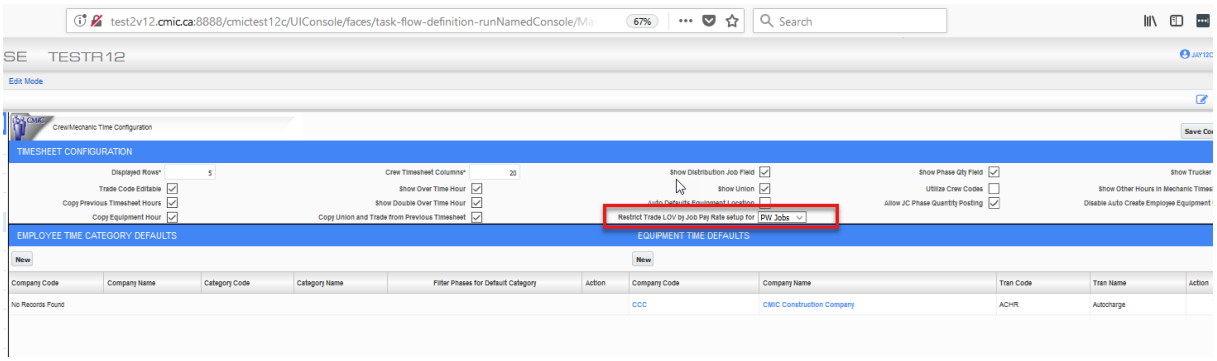
-PW Jobs: Select this option to restrict Trade Codes as per setup on Job Pay Rates screen for PW Jobs only

-None: Select this option to not restrict Trade Codes for any job which means time can be submitted against any available Trade Code regardless of setup on Job Pay Rates screen

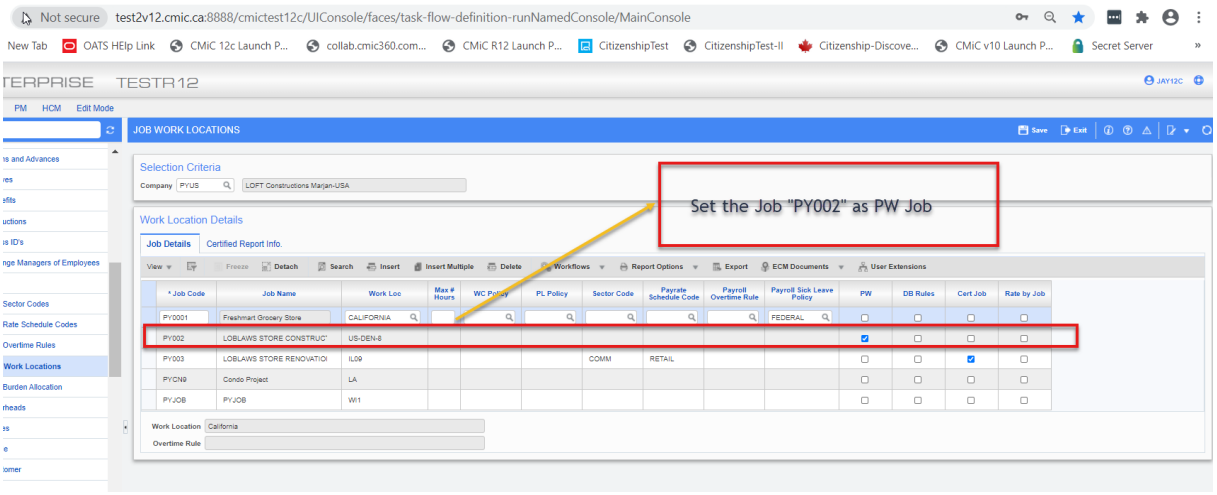
Implementation

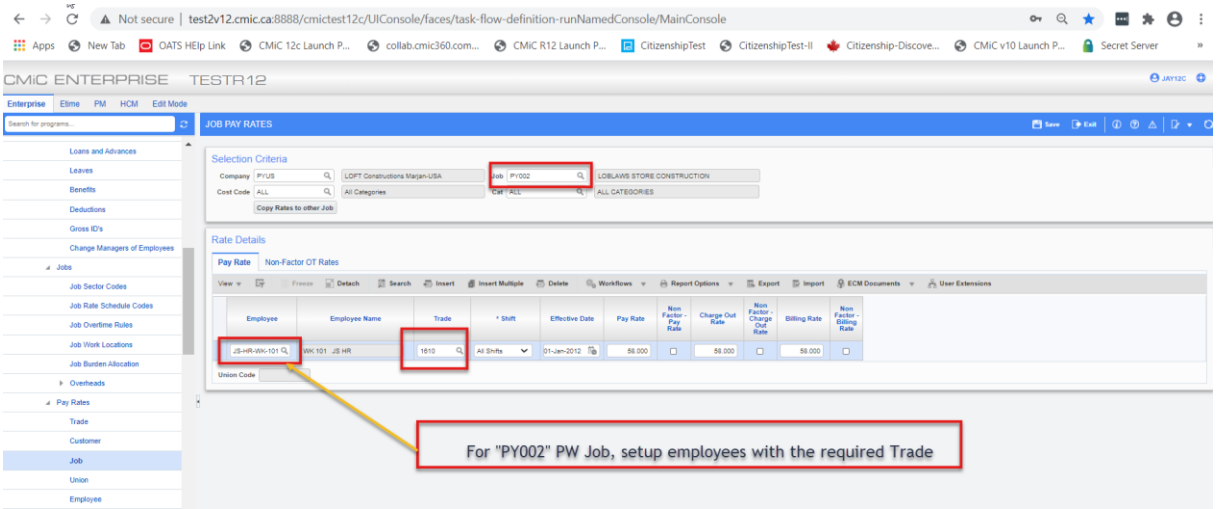
The following example demonstrates how Trades can be limited for PW Jobs:

1) Set field **Restrict Trade LOV by Job Pay Rate setup for** to PW Jobs:

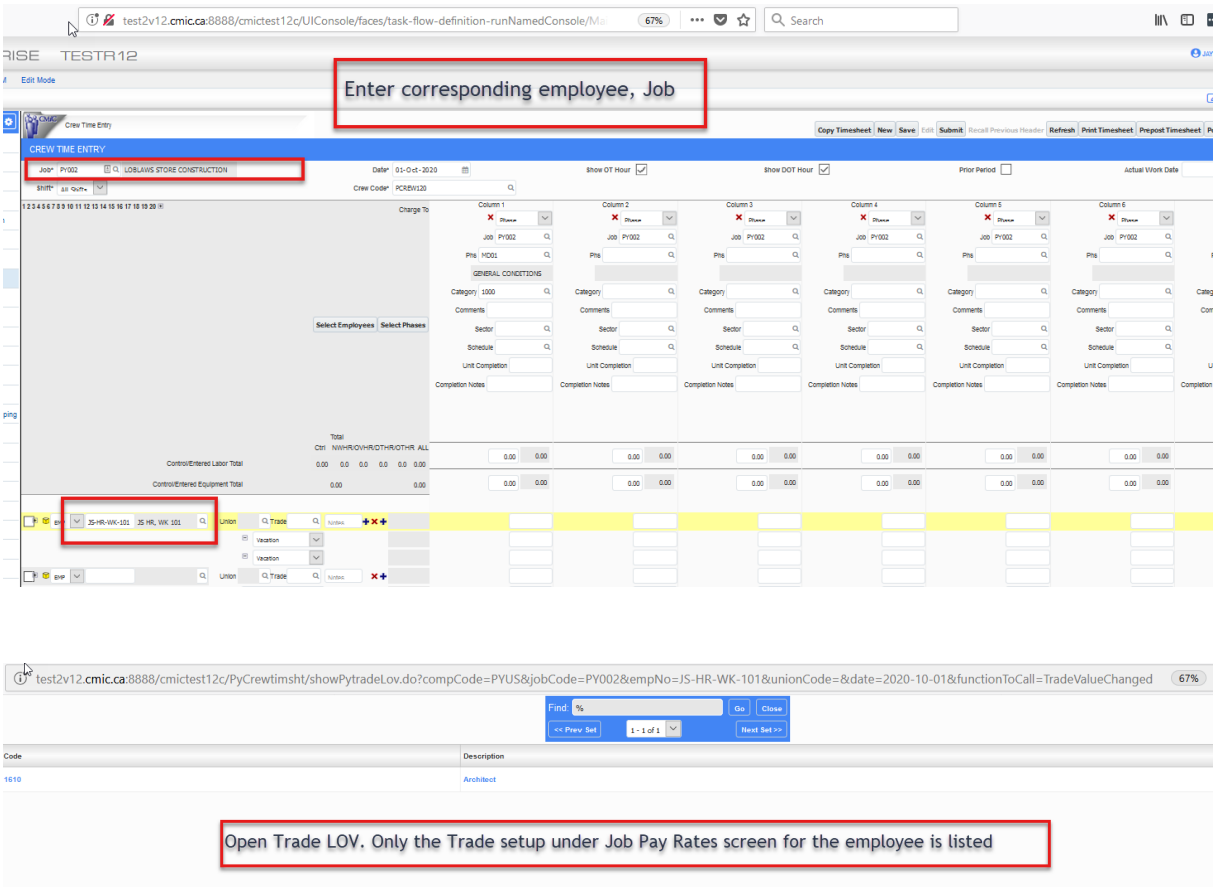


2) For the corresponding PW Job, setup desired Trade Codes for employees on **Job Pay Rates** screen:



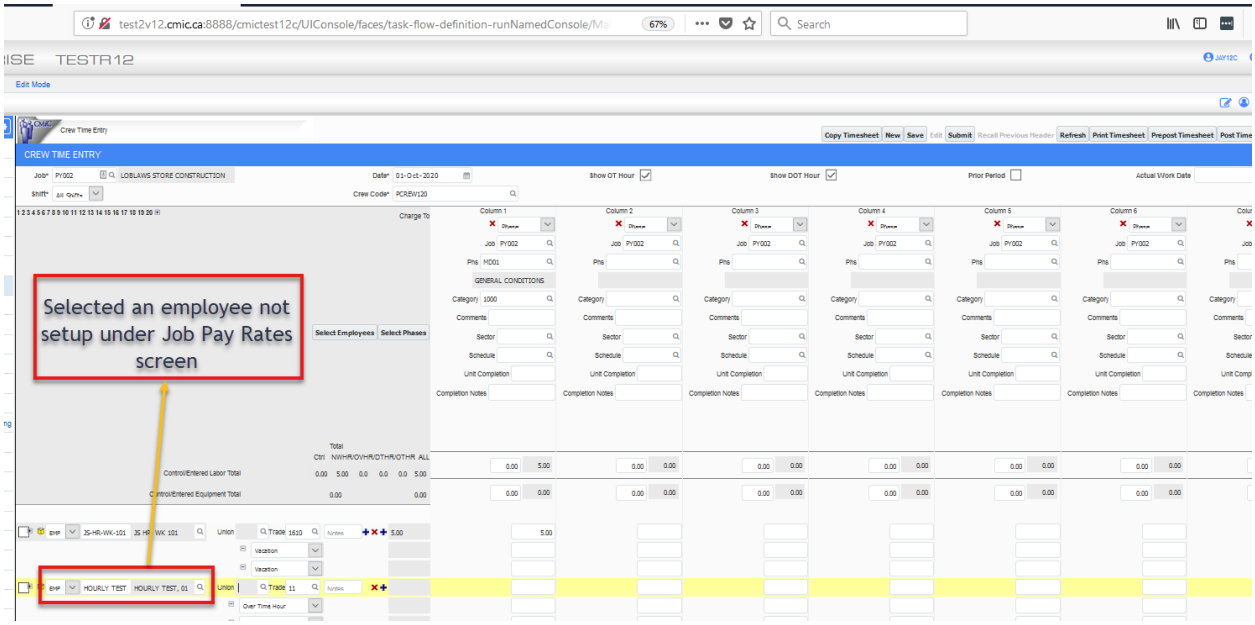


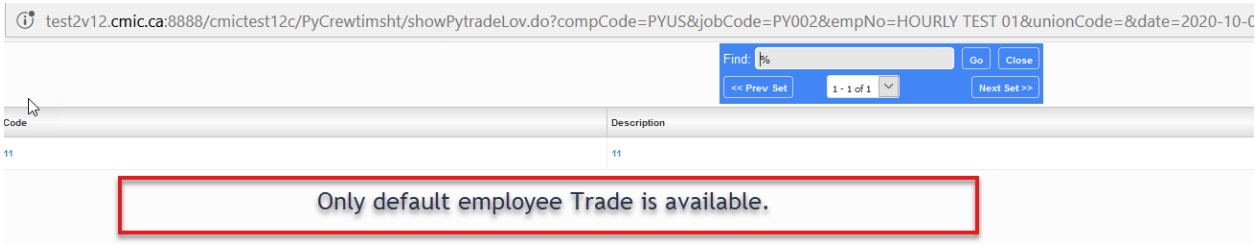
3) On Crew Timesheet Entry screen, select the corresponding **Job, Employee,** and open **Trade** LOV:

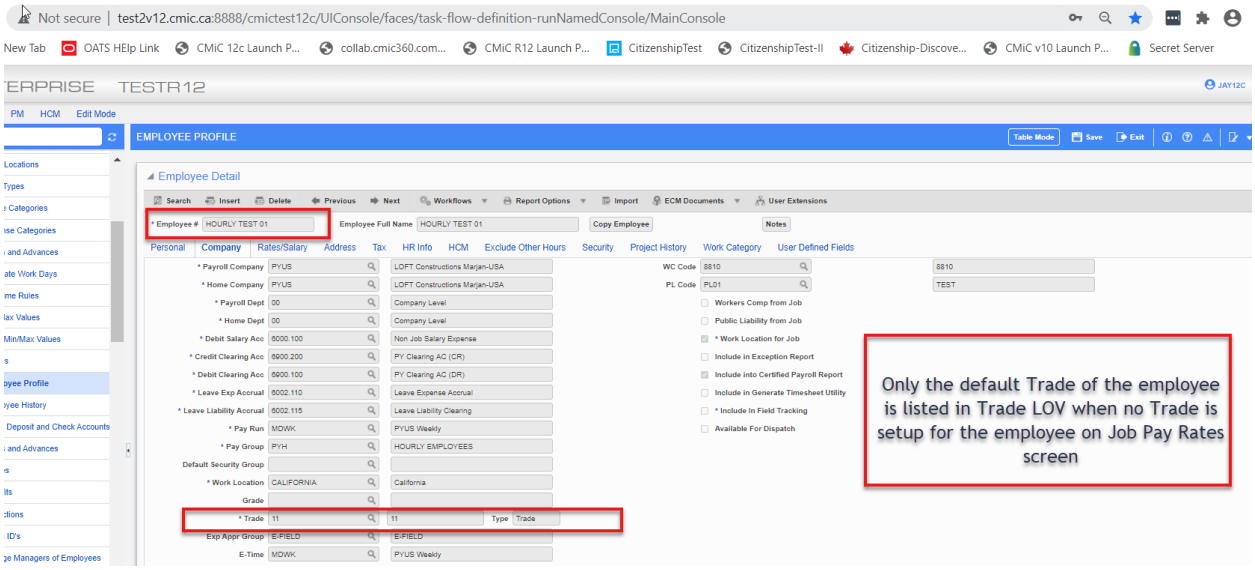


4) Select an employee not listed on Job Pay Rate screen and open Trade LOV for him.

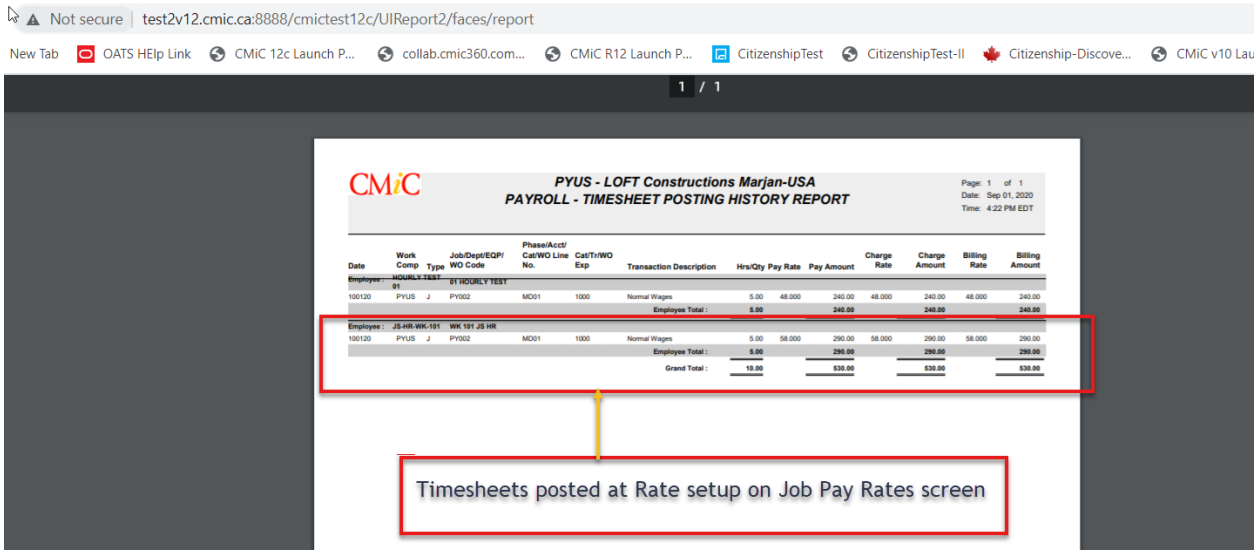
Employees not listed on Job Pay Rates screen for the corresponding Job can only enter, submit time against their default Trade i.e. the Trade assigned to them on their Employee Profile:


Selected an employee not setup under Job Pay Rates screen


Only default employee Trade is available.


Only the default Trade of the employee is listed in Trade LOV when no Trade is setup for the employee on Job Pay Rates screen

5) Post time for the employee and confirm Pay Rate is in accordance with setup on Job Pay Rates screen:



Mobile Crew Time – Crew Time Approval (19.90345)

CMiC has added the following filters on JSP Crew/Mechanics Time Approval screen, to allow users to search for posted and unposted timesheet.

Additional filters required on the screen to query and find timecards.

New filters have been added to Crew Timesheet Approval screen to enable refined searching of submitted Crew Timesheets. Additionally, new Column headers have been added to allow easier search and analysis of time entries.

Also, Posted Crew Timesheets log has been created to search, analyze crew time entries that have been posted.

Pre-requisites

A) Crew Timesheet Approval:

Enter, submit crew time from Crew Time Entry program. Once submitted, entries would show up on this screen for approval/Posting.

B) Posted Crew Timesheets:

Post Crew Time entries. Once posted, this log will store, display records for them

Modifications

1) Crew Timesheet Approval program has been modified to enable a more refined search through addition of filters. Also, new column headers have been added for easier searching and analysis:

a) Filters available on the program now are: Crew Code, Job Company, From Date, To Date, Job, Created Date, Created By.

These fillers can be used either exclusively or in conjunction to filter the desired crew timesheets from the list.

b) Filter Job Company is defaulted to the Company setup as default company for the corresponding access code on Access Code Administration screen. If no company is set as a default company for the access code, the field will be blank by default, but a value can be selected for it at any time to refine searching of timesheets accordingly.

c) Additional column headers have been to Crew Timesheet Approval screen. Available headers are:

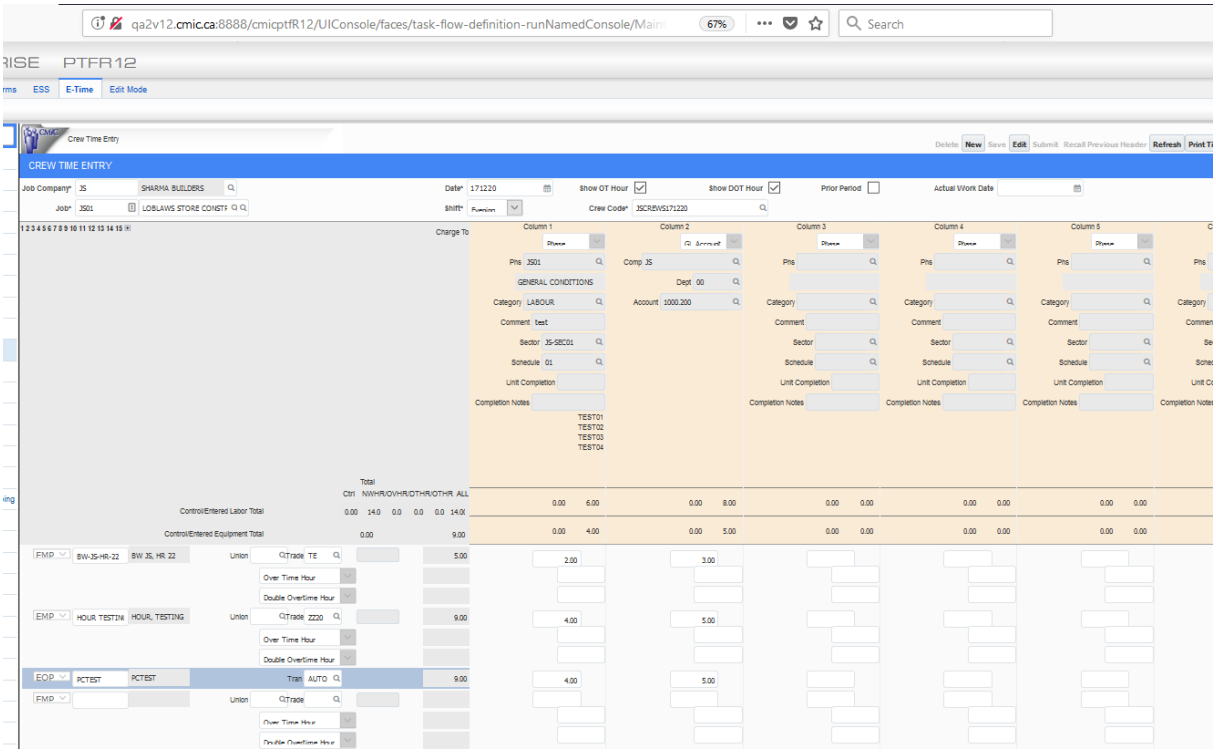
Job, Shift Code, Responsibility, Submit Status, Create Date, Create By, Submit Date, Submit By

2) Posted Crew Timesheets: This log has been added to display posted crew time entries.

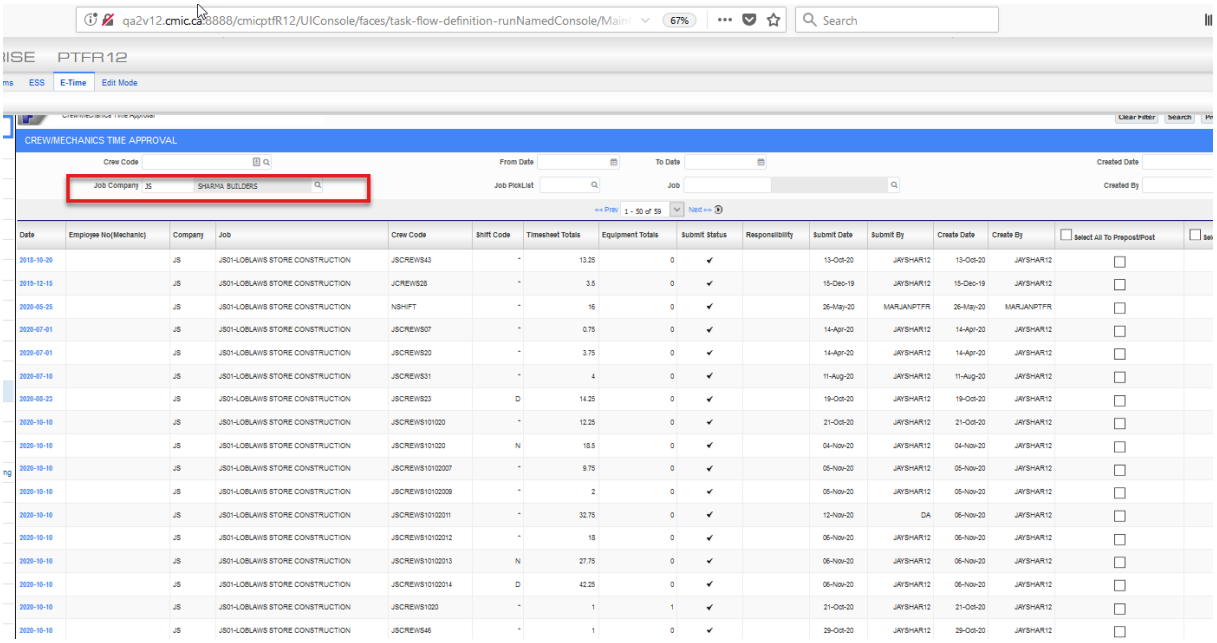
This is a standard log screen that displays posted crew time entries. It has a standard set of filters available to refine your search.

Implementation

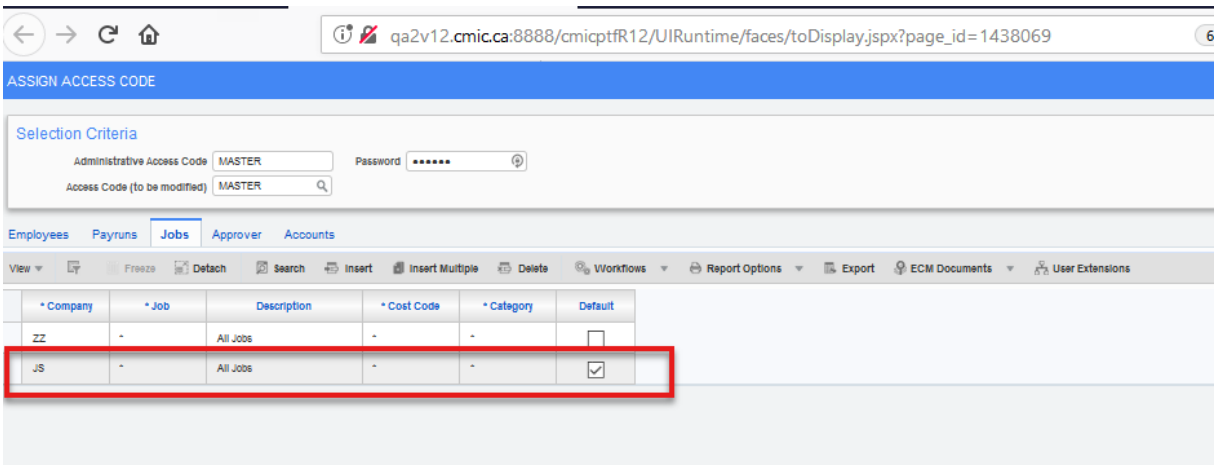
A) Crew Timesheet Approval:
Step 1: Enter, Submit time on Crew Timesheet Entry:



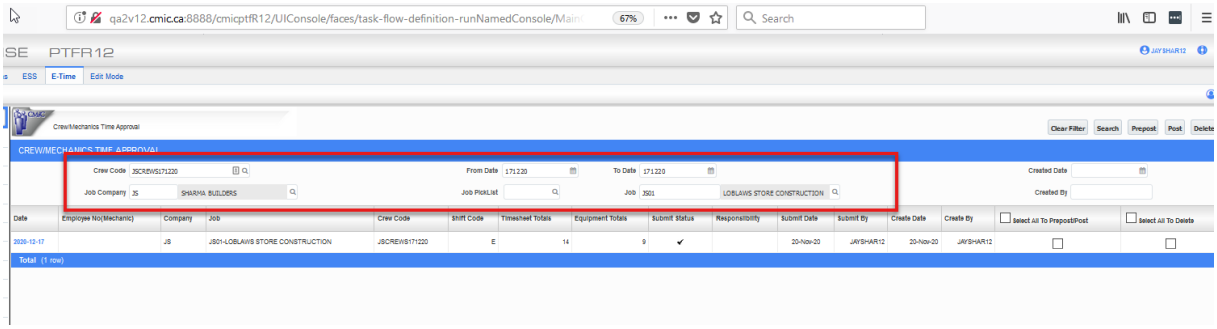
Step 2: Move to Crew Timesheet Approval screen to approve the submitted time. Observe how field Job Company defaults to the default company for the corresponding Access Code:



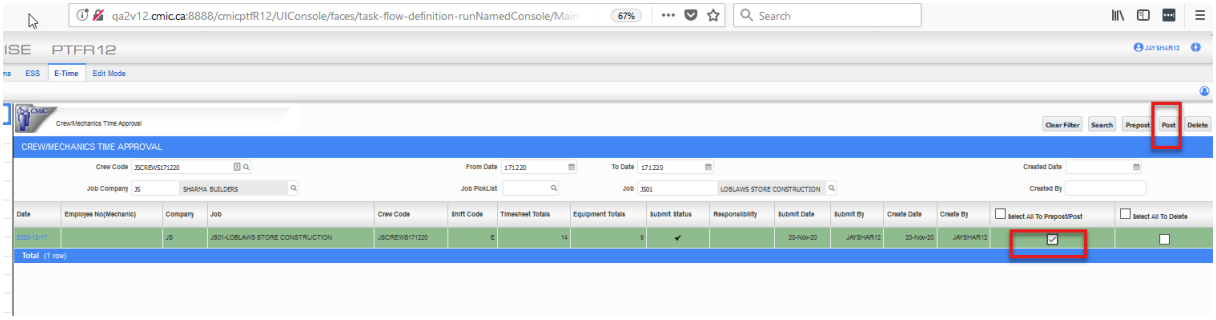
Default Company setup on Access Code Administration screen:



Step 3: Use filters to refine the search and narrow down to the submitted timesheet:

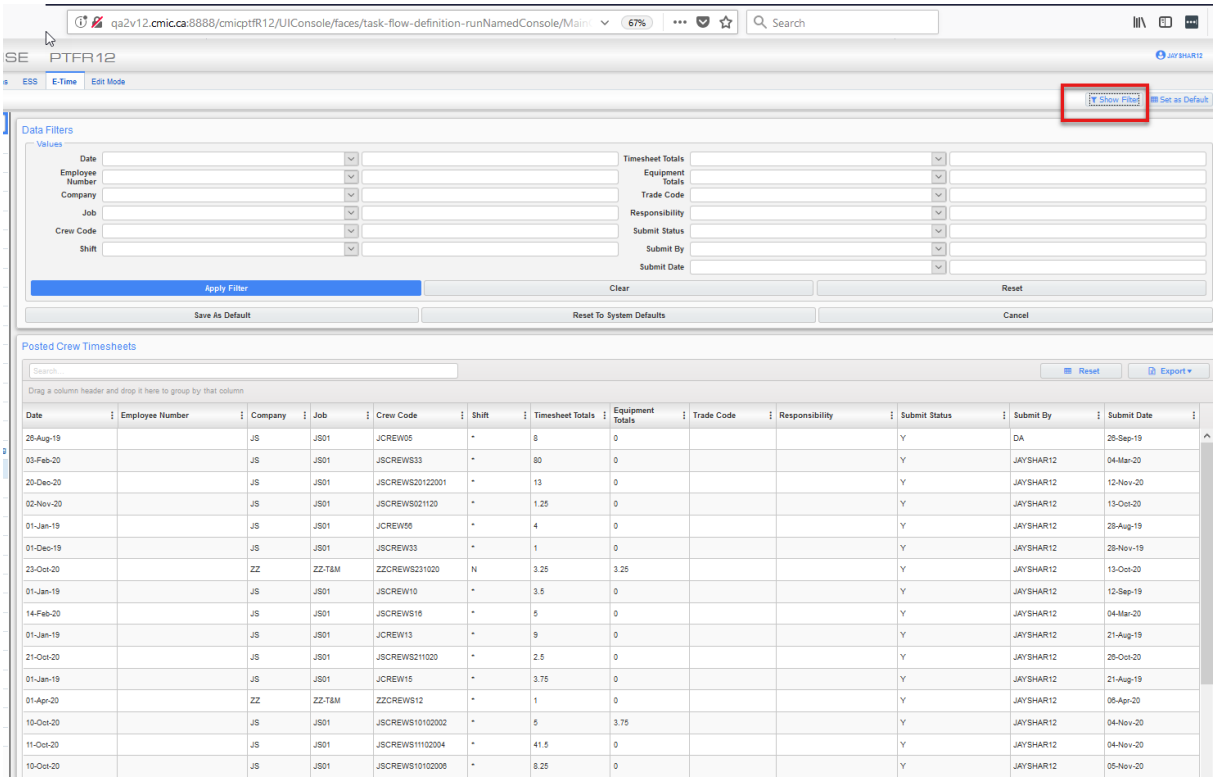


Step 4: Post the timesheet:

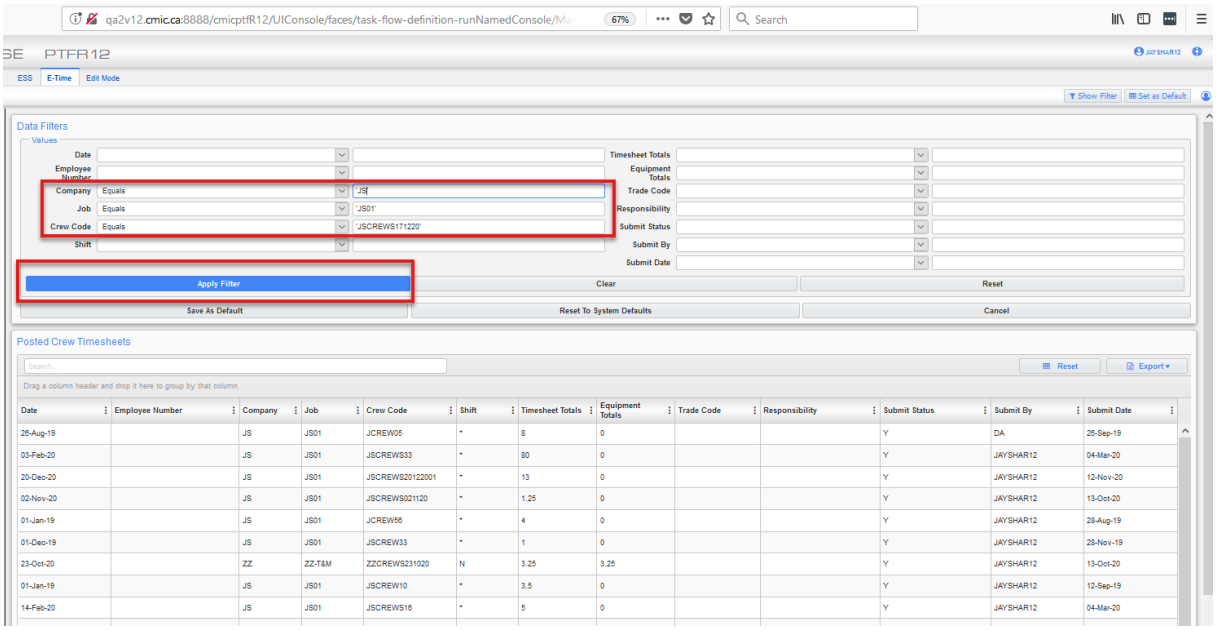


B) Posted Crew Timesheets:

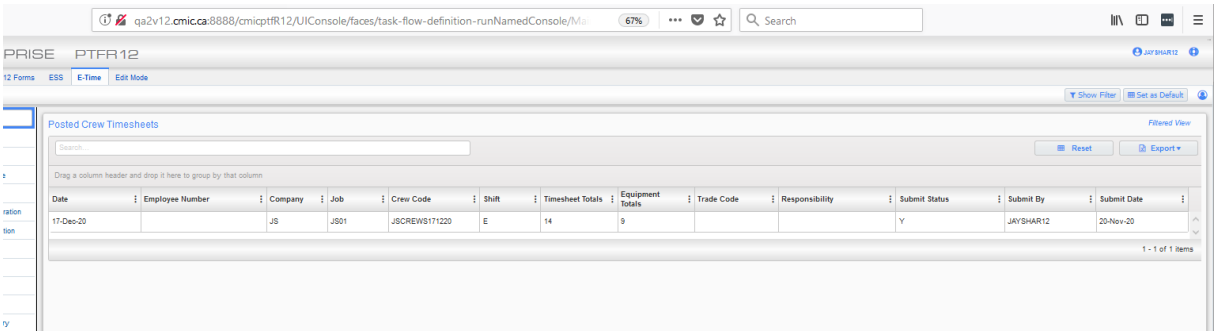
To examine Posted Crew Timesheets, “Show Filter” button on this program can be clicked to enable the filter and search the desired crew timesheet. This log only displays crew timesheets that have been posted.
Step 1: Click “Show Filter” button to open filter and enter, apply the desired filtering criteria:
Open Filter:



Enter Filtering criteria And Apply Filter:



Step 2: Analyze the Posted Crew Timesheet:



Crew Timesheet Audit Log (19.90346)

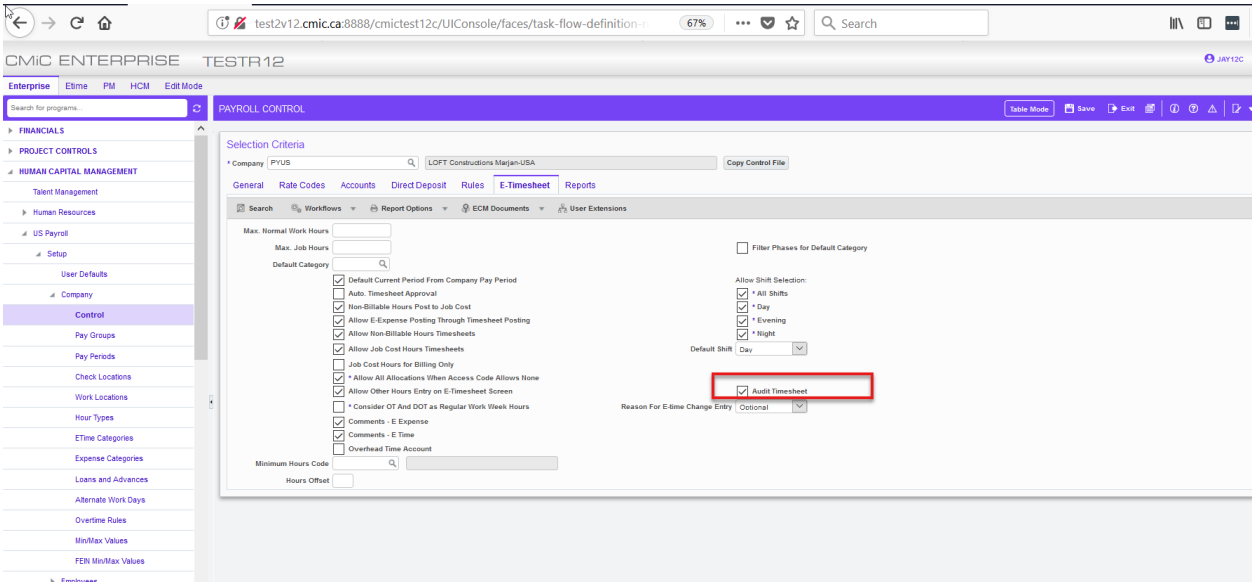
Timesheet/Crew Audit program has been created to keep track of all data; status changes made to crew timesheets from the time they are first saved to the time they are posted. The log stores and displays information for each change made to saved crew timesheets including change date, change user, change type, change column, initial value, new or revised value etc.

Another program Crew Timesheet Report has been added to generate posted, unposted crew timesheets. The report also displays total labour, Equipment hours per crew code.

Pre-requisites

A) Timesheet/Crew Audit program:

The **Audit Timesheet** flag on **Payroll Control** program needs to be checked to generate audit logs.



Once the flag is checked, all changes made to crew timesheets will be logged.

B) Crew Timesheet Report:

There is no pre-requisite to this. If there are posted, unposted crew timesheets in the system, they will be displayed when this program is run.

Modifications

2 new programs **Timesheet/Crew Audit**, **Crew Timesheet Report** have been added to E-Time tree view:

1) **Timesheet/Crew Audit**: This program stores and displays logs for Crew Timesheets.

The columns available on this log are:

Comp Code, Pay Code, Pay Year, Pay Period, Date, Job Code, Crew Code, Change Date, Change User, For User, Change Type, Change Column, Initial Value, Revised Value, Record Status

A filter is also available to filter entries by one or more columns

2) **Crew Timesheet Report**: This program displays posted, unposted crew time entries along with total Labor, Equipment hours per Crew Code.

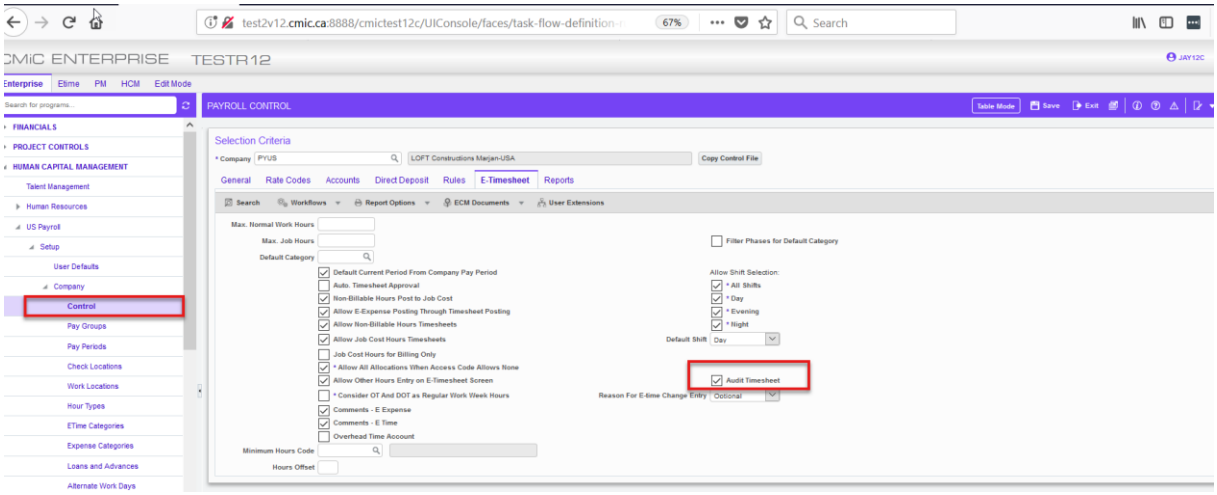
The fields available in the Selection Criteria of this program are:

From Date, To Date, Company, Employee No, Job, Document Code/Crew Code, Transaction Type-Posted, Unposted, Both

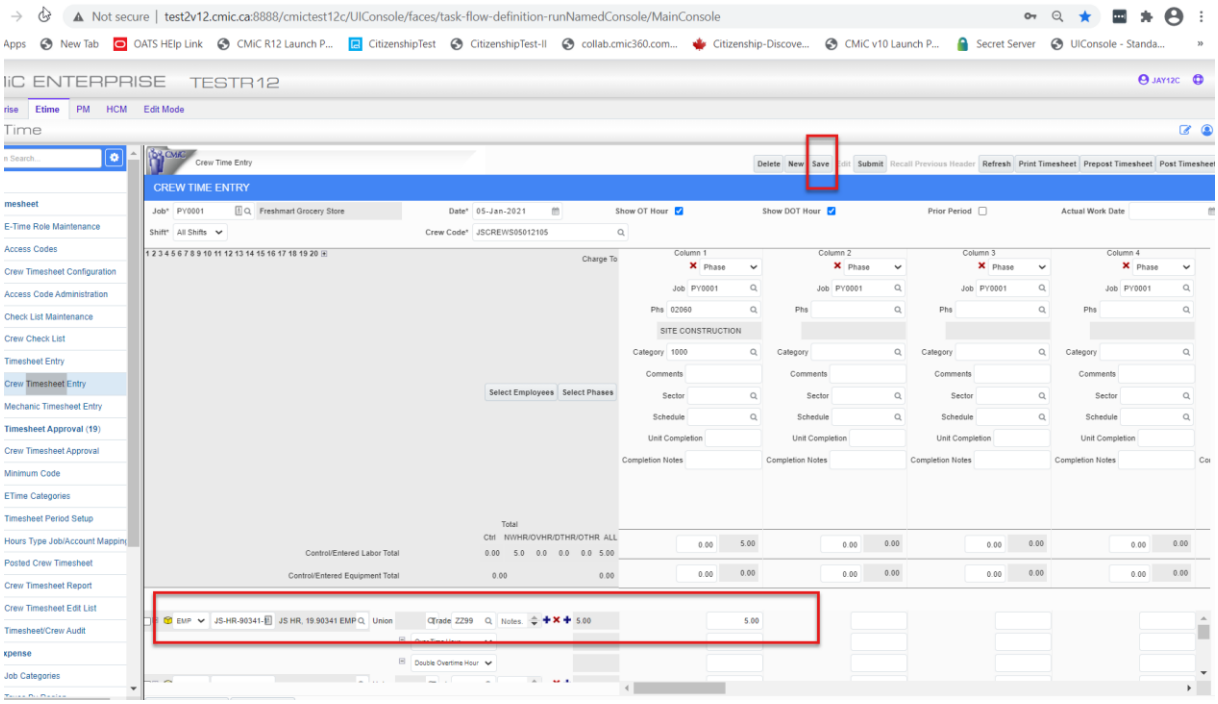
The Document Code field on this Selection Criteria filters the LOV by Company, Job

Implementation

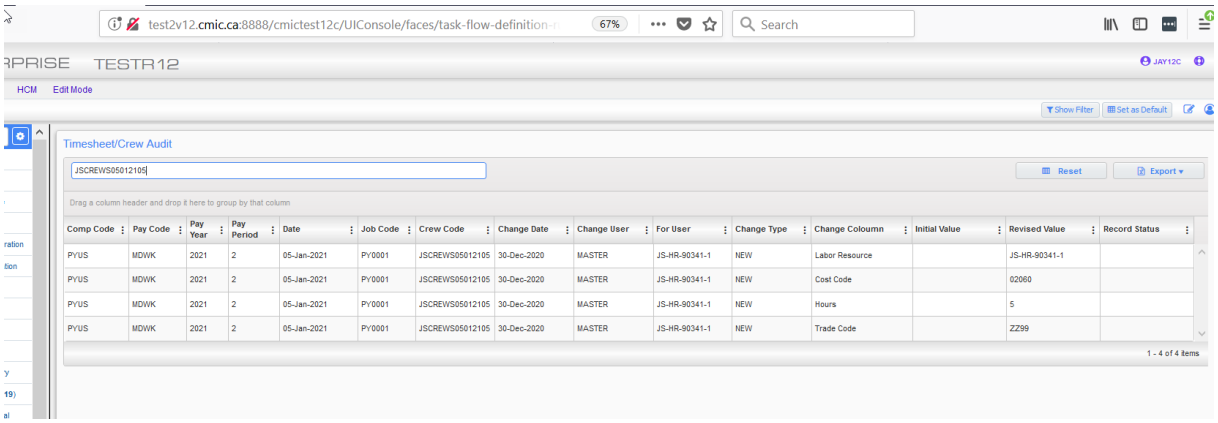
A) Timesheet/Crew audit Log:
Step 1: Enable **Audit Timesheet** flag in **Company Control:**



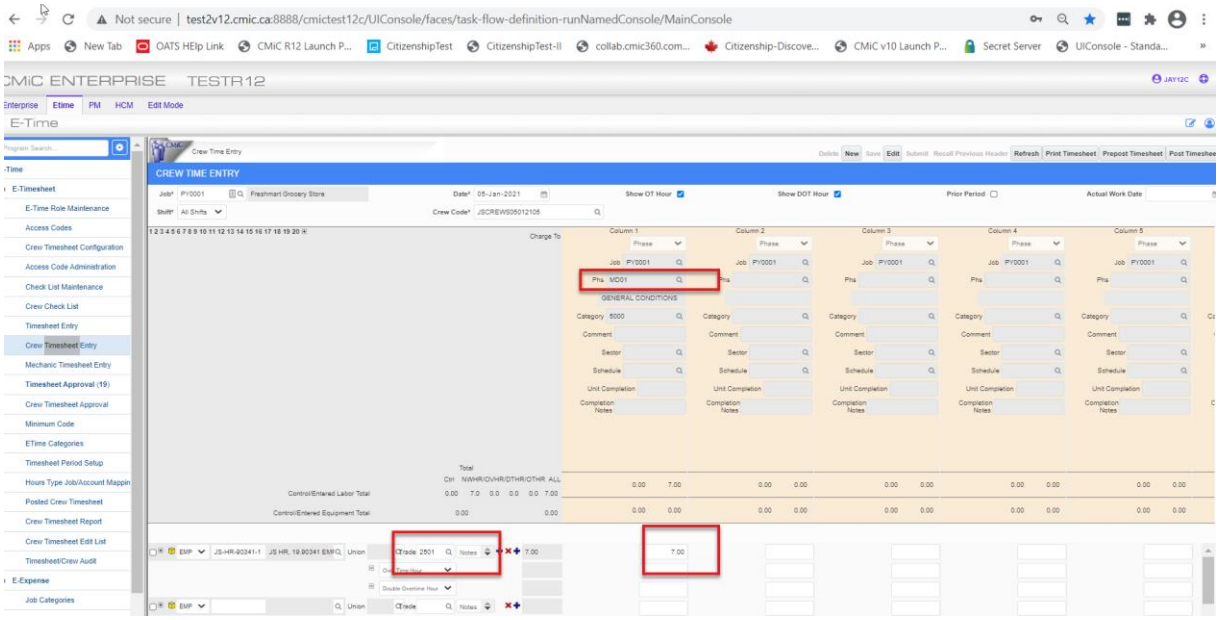
Step 2: Enter, Save time entries on Crew Timesheet Entry screen:



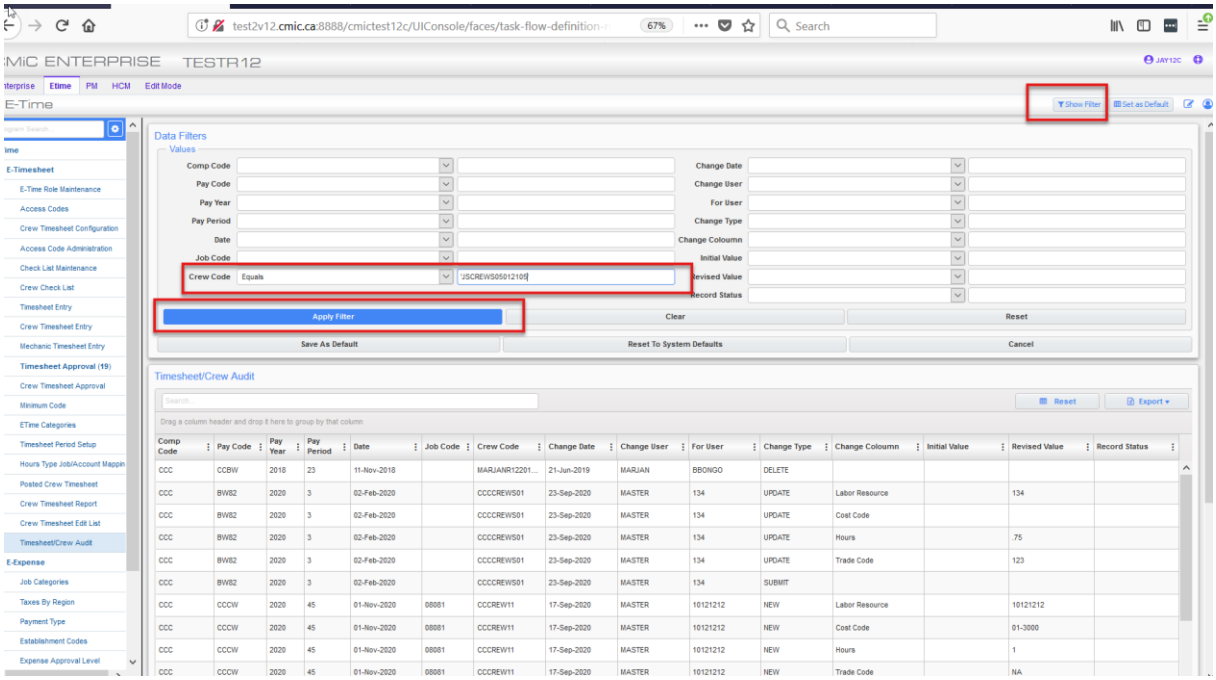
Step 3: Verify the saved entries on Timesheet/Crew Audit report:



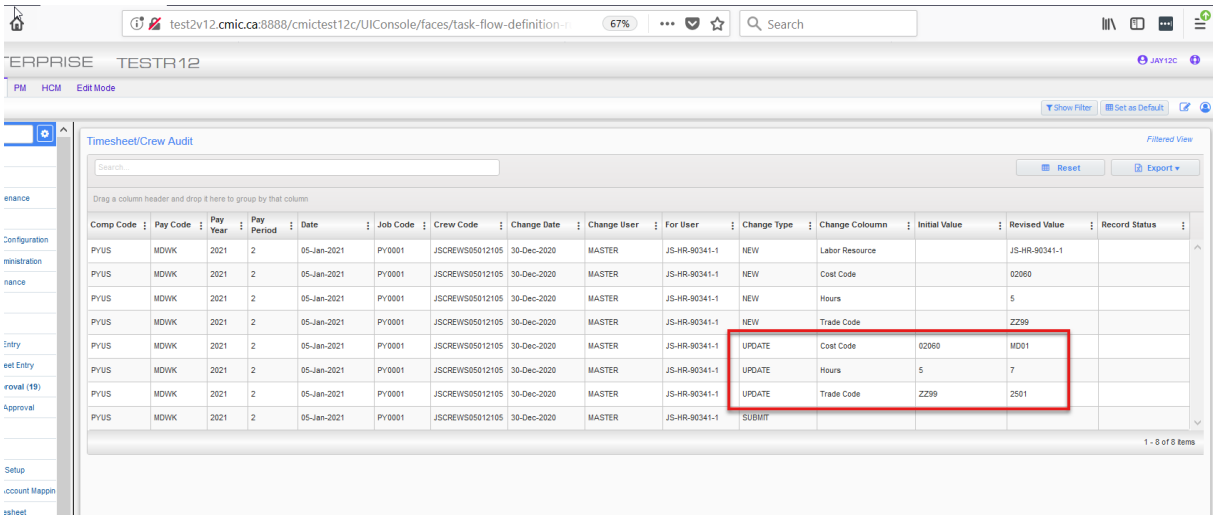
Step 4: Make changes to the saved entries on Crew Time Entry screen and submit them:



As can be seen above, changed Trade, hours, Phase for the saved time entry.
Step 5: Open Timesheet/Crew Audit program and use the filter to display desired Crew Document:

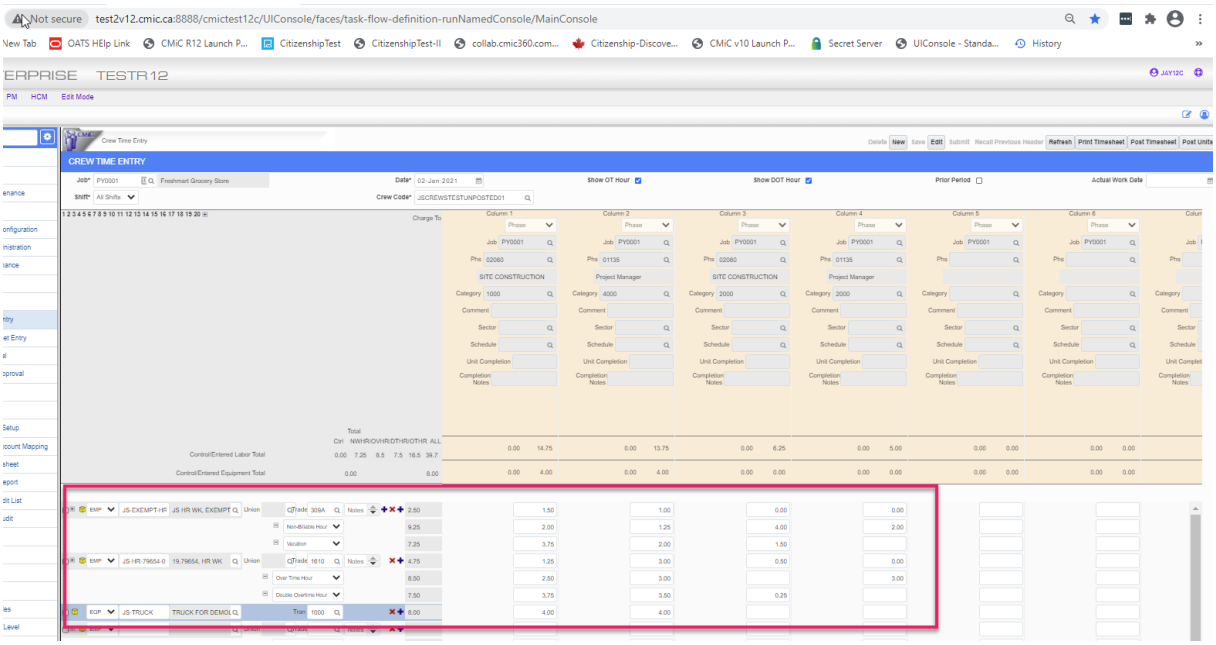


Step 6: Verify changes to trade, hours, phase are recorded on the Audit report:

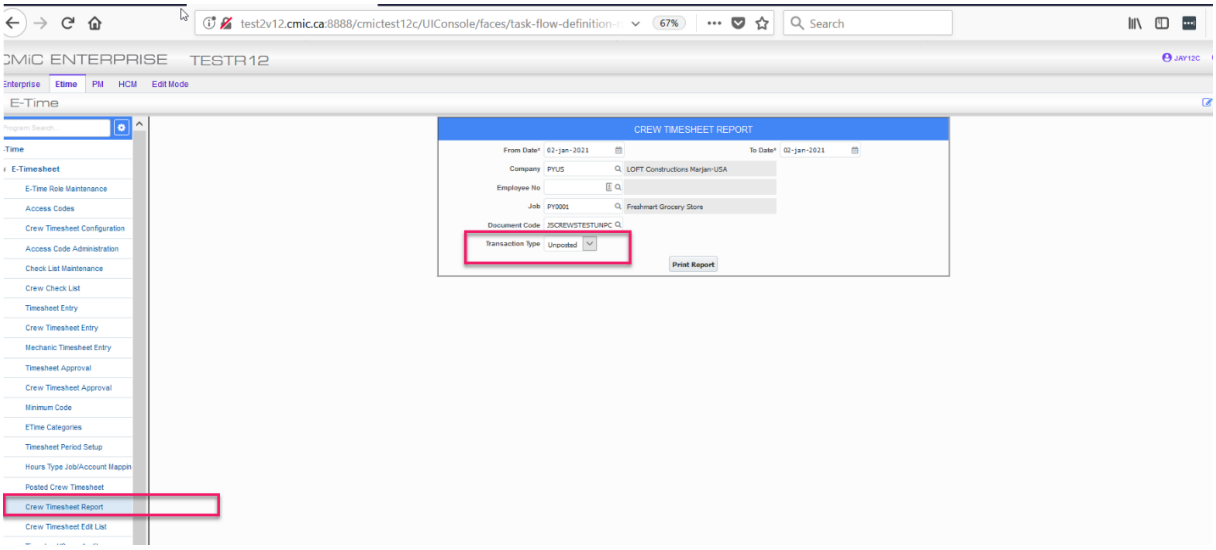


B) Crew Timesheet Report:

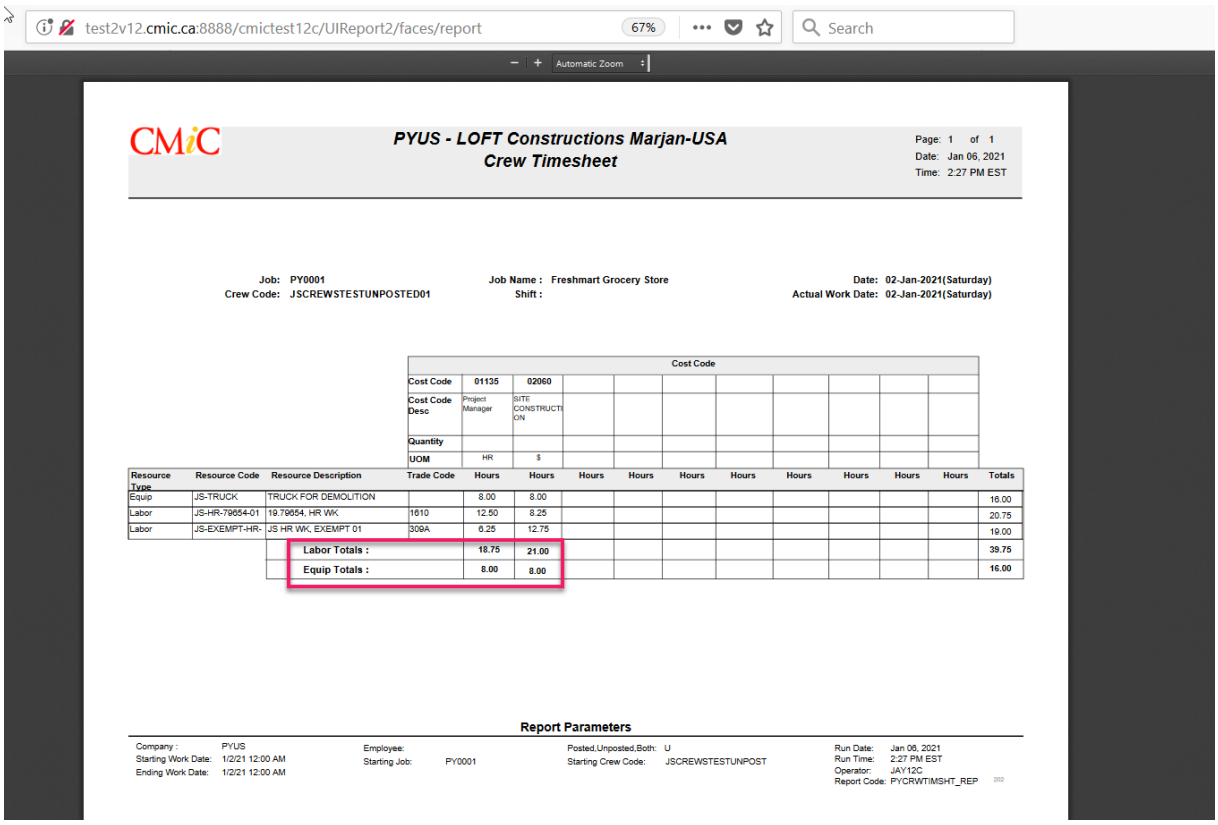
Step 1: Enter, Submit time against employees, equipment on Crew Time Entry:



Step 2: Go to **Crew Timesheet Report** program and enter the selection Criteria. Select value **Unposted** for field **Document Code** as the Crew document created in Step 1 above is not posted yet:



Step 3: Run the report by clicking **Print Report:**



As can be seen above, the report displays Labor, Equipment time entries summarized by Job, Cost Code. The report also displays total Labor, Equipment hours per Crew Code.

Print Pay Stub/Multiple Pay Periods (20.18524)

CMiC has enhanced the existing Pay Stub Printing program to allow users to be able to enter a range of periods to print several pay stubs at one time for an employee. Now if an employee is chosen across multiple periods, only one email will be sent to that employee with multiple pay stubs in that PDF file.

Pre-requisites

The following new fields on the Pay Stub Printing screen will need to be enabled using Lite Editor:

- Period
- To Period
- Pay Date
- To Pay Date

Modifications

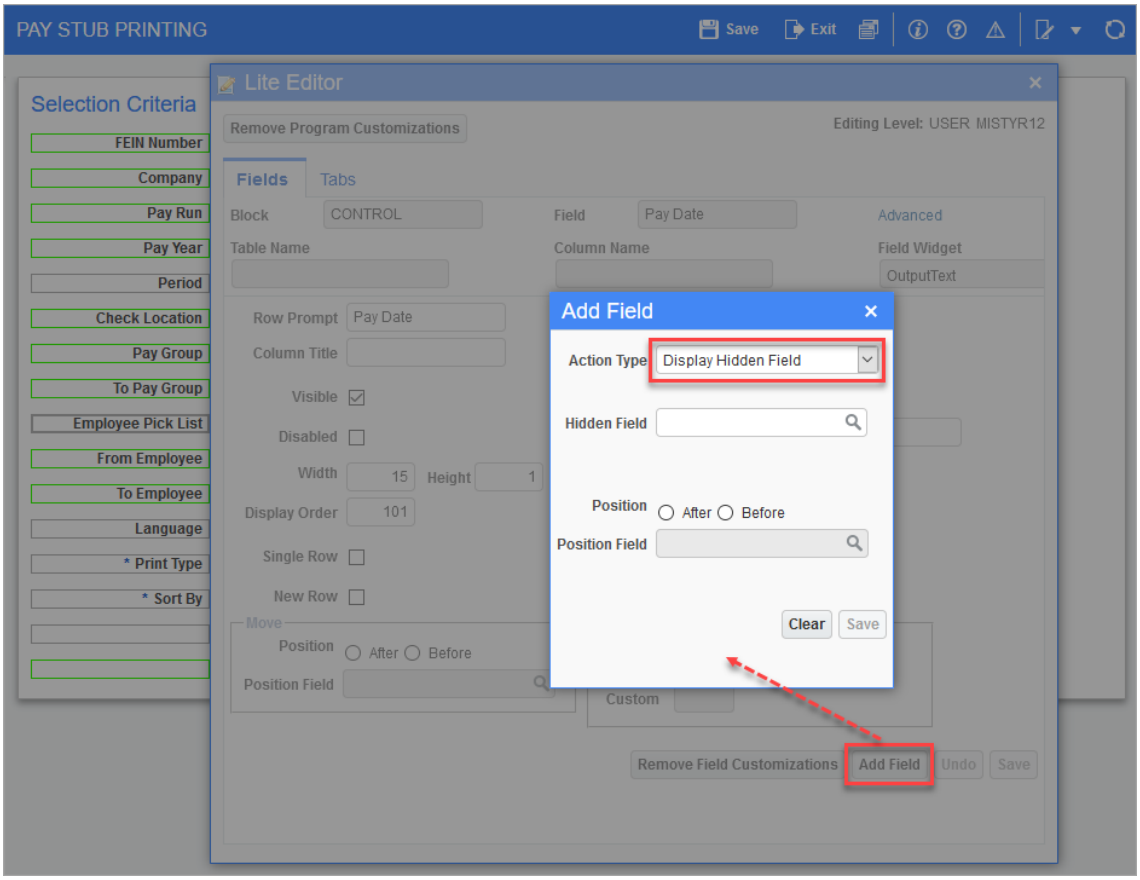
This modification has been implemented for all Standard Pay Stubs. New fields have been added to the Pay Stub Printing screen that will need to be enabled using Lite Editor: Period, To Period, Pay Date, and To Pay Date.

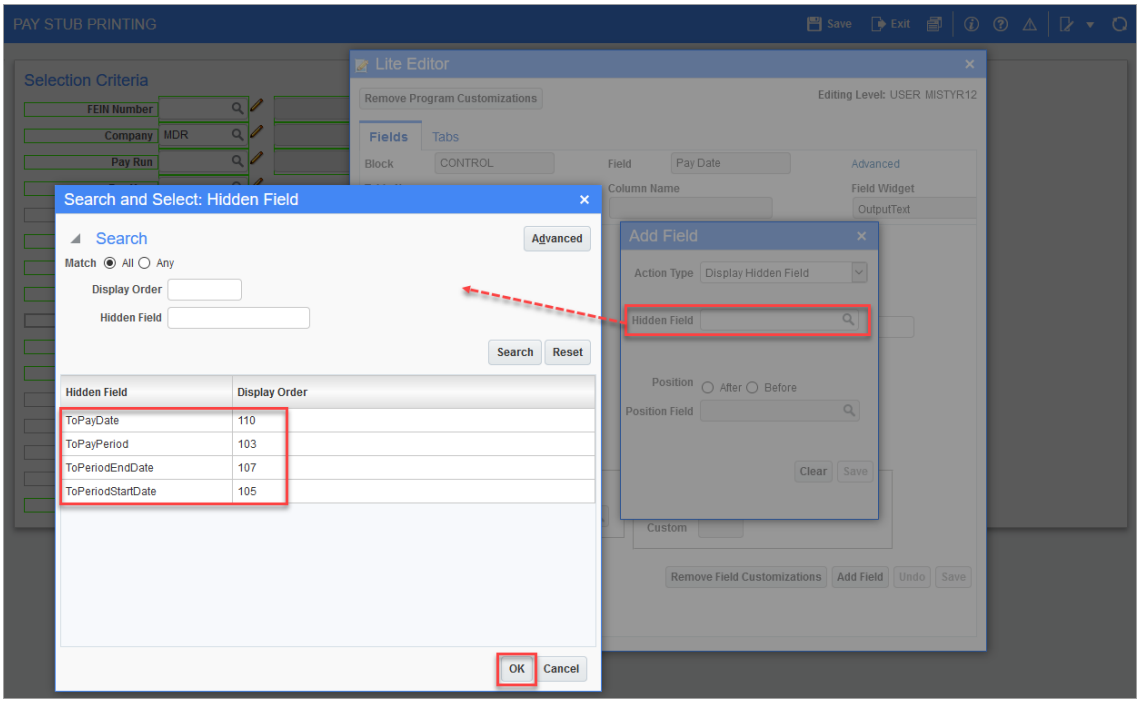
When multiple periods are chosen, the stubs can be grouped by employee + period combination.

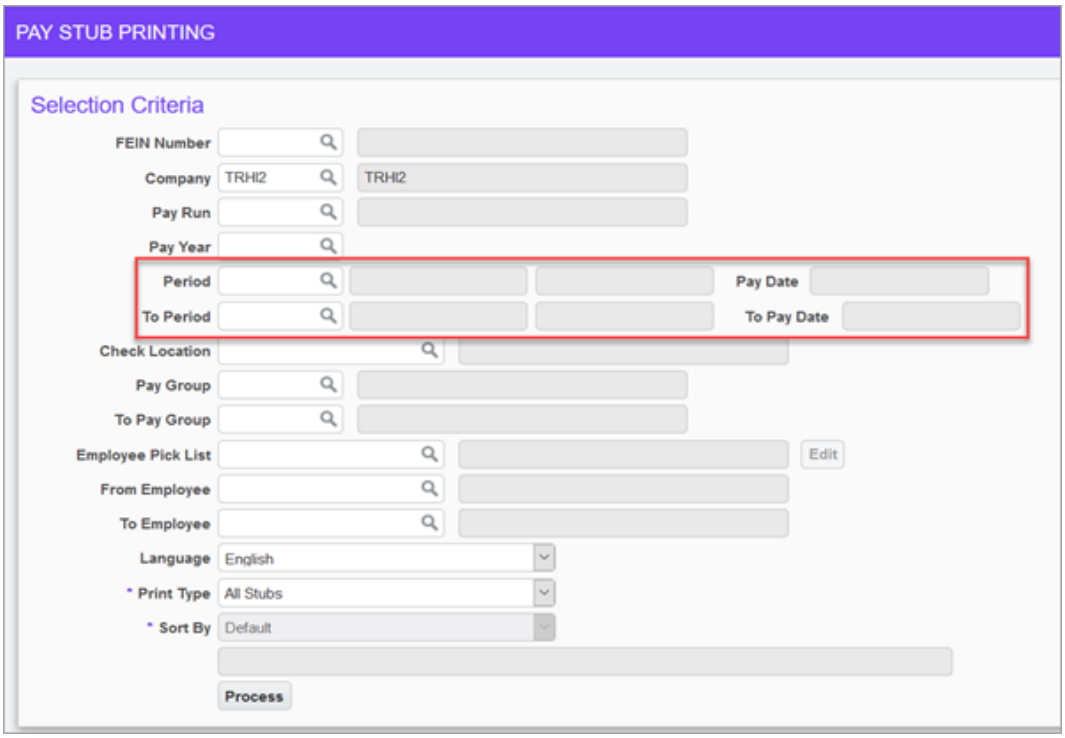
The Sort By field option in the Pay Stub Printing screen will be disabled (grayed out) if from and to periods are both the same and by default, the pay stubs will be sorted by check sequence number. If from and to periods are different, pay stubs can be grouped by employee and periods.

Implementation

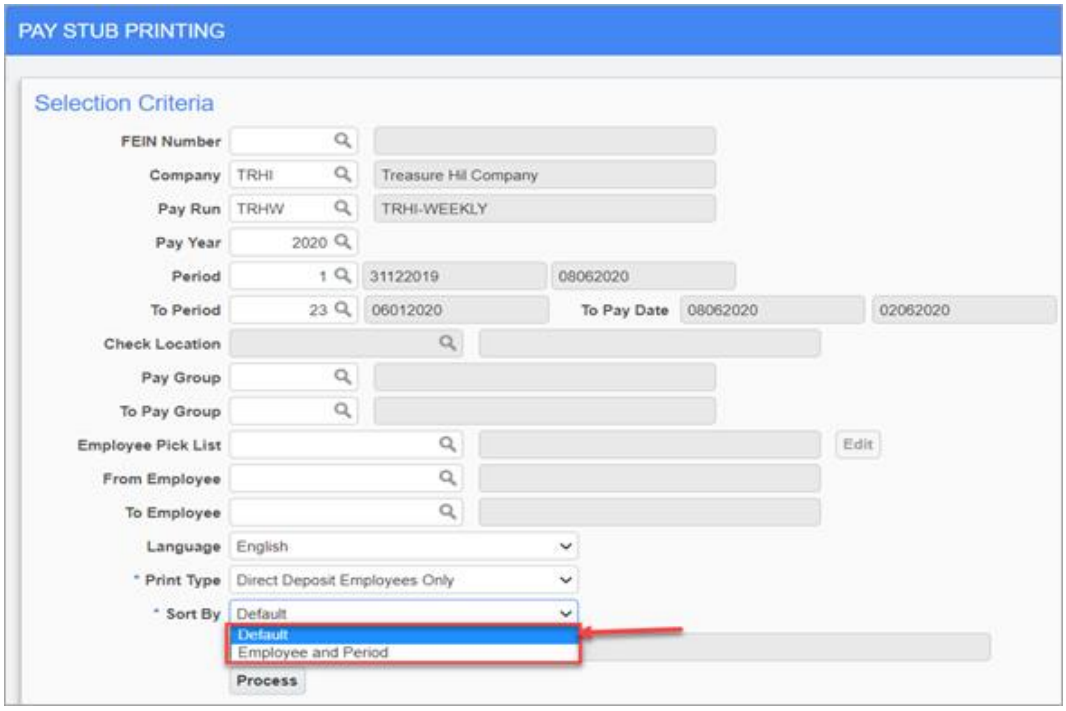
Unhide the fields in Pay Stub Printing screen, as shown in the screenshots below.



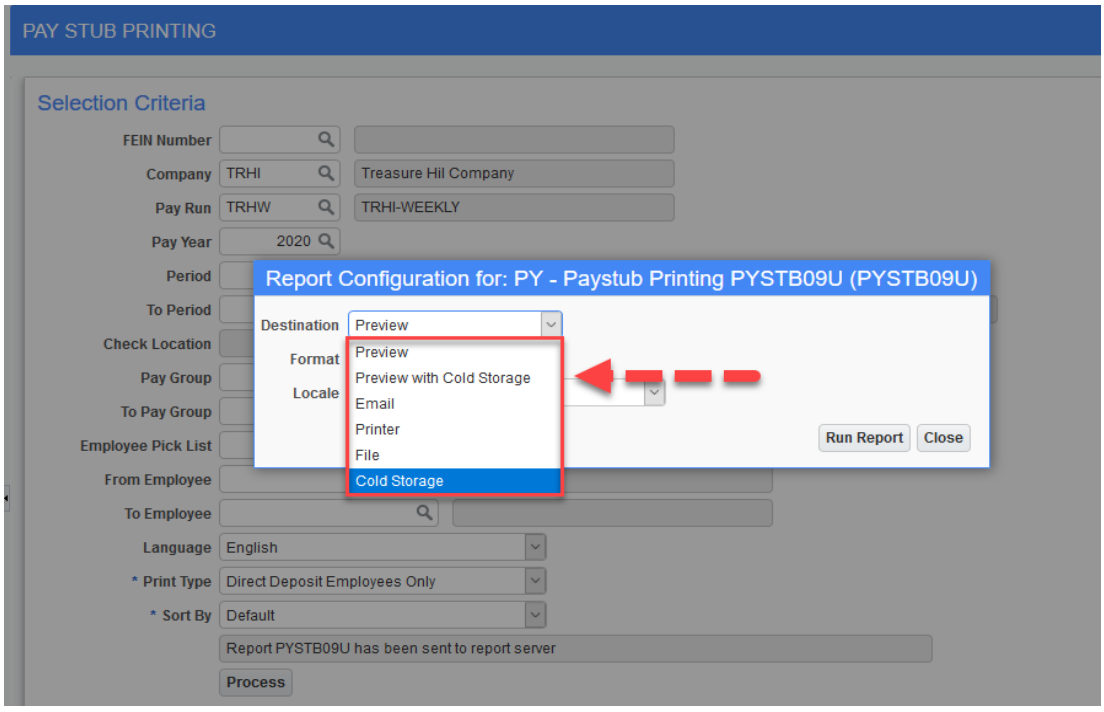




If printing a pay stub for a range of pay periods (multiple periods), then the Sort By field on the Pay Stub Printing screen will become enabled. There are two available options in the Sort By field: “Default” and “Employee and Period”, as shown in the screenshot below. If “Default” is selected, then the pay stub will be sorted by check sequence number, and if “Employee and Period” is selected, then the pay stub will be sorted by Employee and Period.

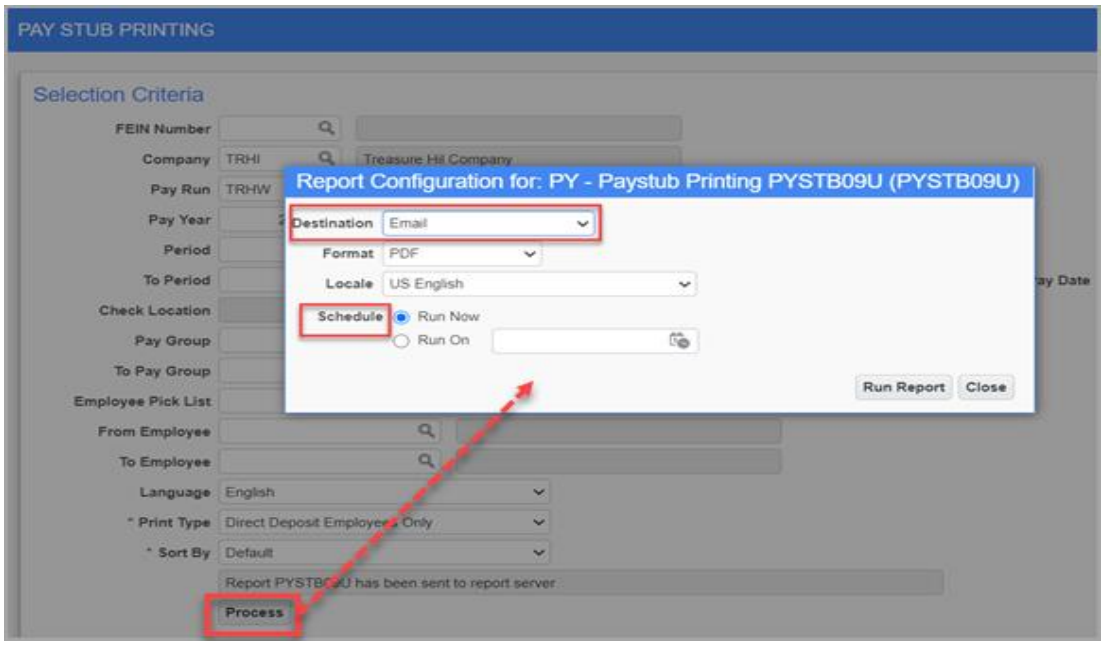


When the [**Process**] button is pressed, a pop-up window will appear which enables users to run stubs with different destinations such as “Preview”, “Email”, “Printer”, etc.

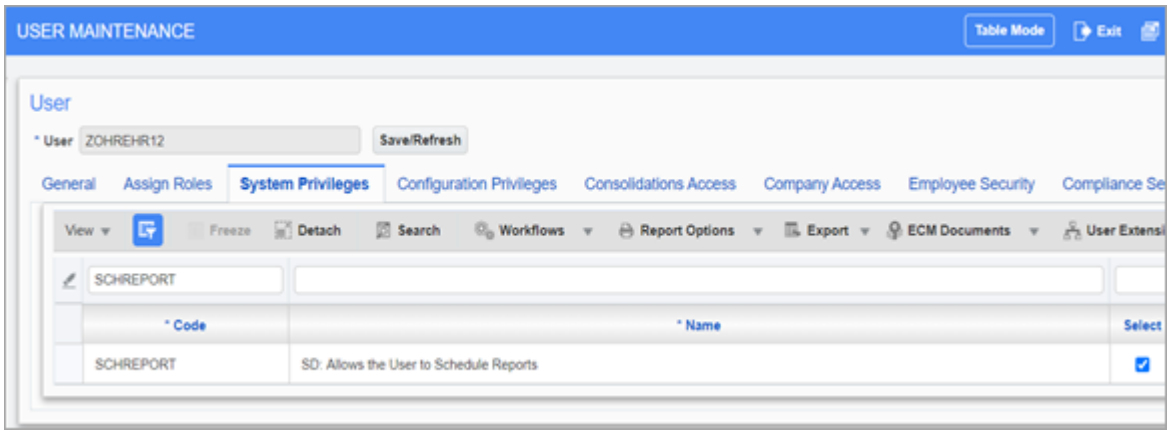


If “Email” is chosen as the destination, then two radio buttons will be displayed in the pop-up window to schedule whether the pay stub printing should be run now or later at a specified time. These radio buttons will only be enabled if users have the system privilege ‘SCHREPORT – SD: Allows the User to Schedule Reports’; otherwise, they will be disabled and greyed out. If users have the system

privilege, these radio buttons can be used to schedule the pay stub printing, as shown in the screenshot below. Once scheduling is complete, click [**Run Report**].



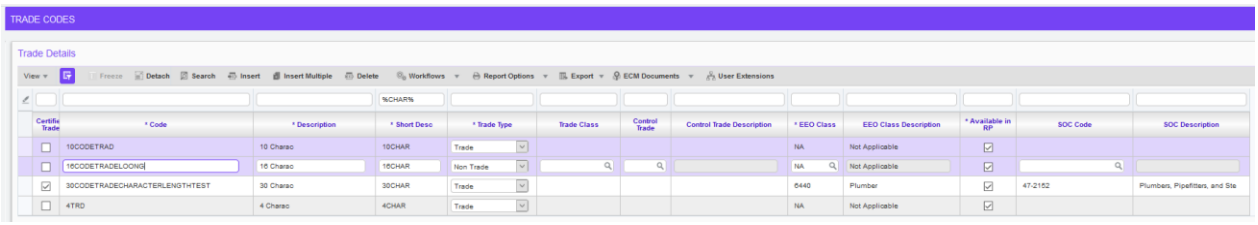
The system privilege that allows a user to schedule a report is located on the System Privileges tab of the User Maintenance screen in the System Data module, as shown below.



Pgm: SDUSRMNT – User Maintenance; standard Treeview path: System Data > Security > Users > Users Maintenance – System Privileges.

Trade Code Field Extended to 30 Characters (20.23964)

CMiC has modified the payroll master trade table extending the trade code length to 30 characters. All application modules have been enhanced where trade code is referenced. Routines have been modified to apply the trade code increased length.



Mobile Crew Time – Quantity Claiming (19.90342)

A field for notes associated with each claimed quantity has been made available. This note would be posted to the spot where notes post when doing quantity batches

Pre-requisites

None.

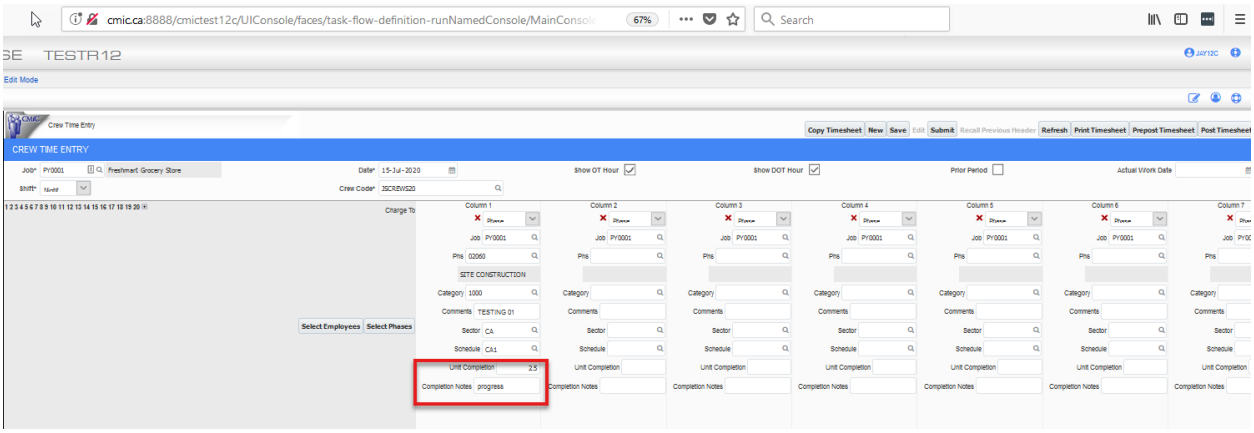
Modifications

2 fields have been added on Crew Timesheet Entry program:

1) **Unit Completion**: A text field that accepts numbers. This field can be used to enter the number of Units completed for each activity.

2) **Completion Notes:** A text field next to Unit Completion field for entering notes/comments regarding quantity completed. Double clicking on this field opens a pop-up window that allows multiple line visibility and offers spellcheck feature.

These 2 new fields are highlighted in the screenshot below:



Implementation

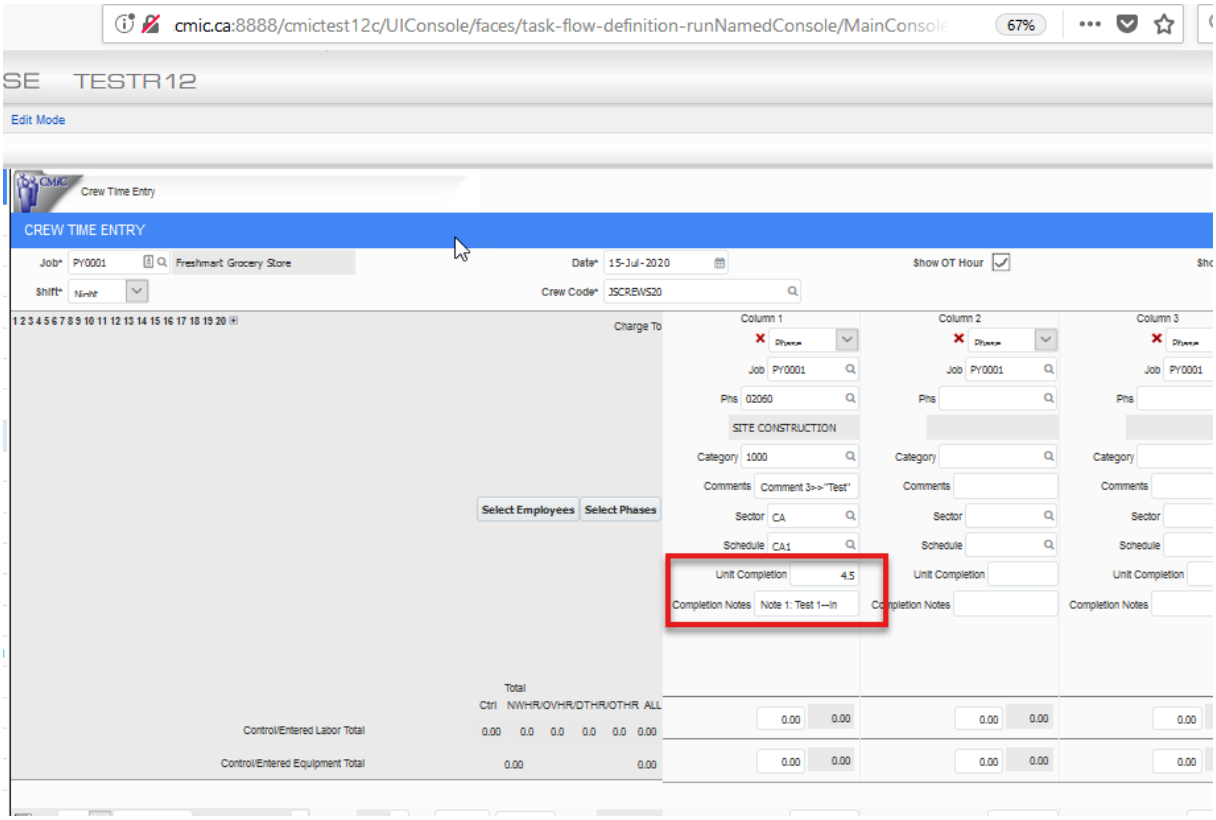
On Crew Timesheet Entry, a user can enter Unit Quantity in **Unit Completion** field for each activity. Another field **Completion Notes** allows the user to enter a brief description for the corresponding Unit Completion field.

These fields are editable on Crew Timesheet Entry program until posting, provided the user has relevant privileges assigned.

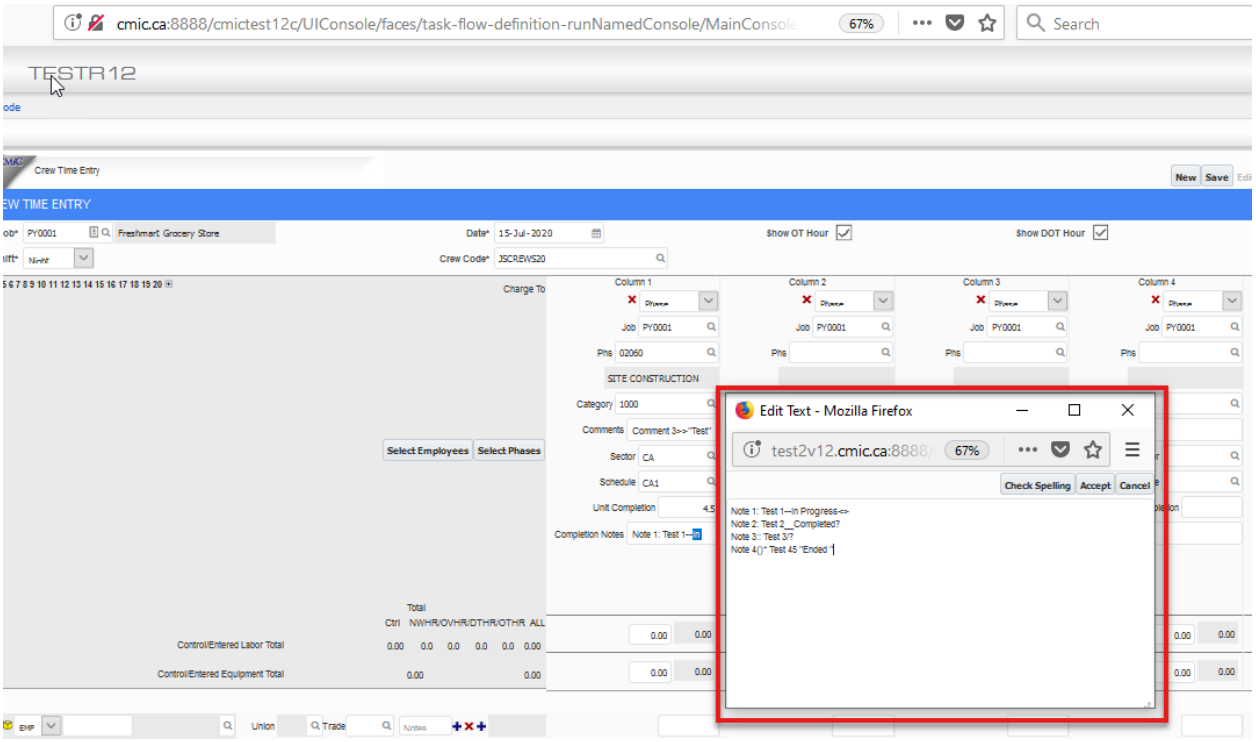
Once Posted, the time entries will be accessible on **Units Completed Query** program in Job Costing>>Query, with value in **Unit Completion** field copied to **Quantity** and **Completion Notes** copied over to **Notes** field. The **Notes** field remains editable.

Step by Step Demonstration:

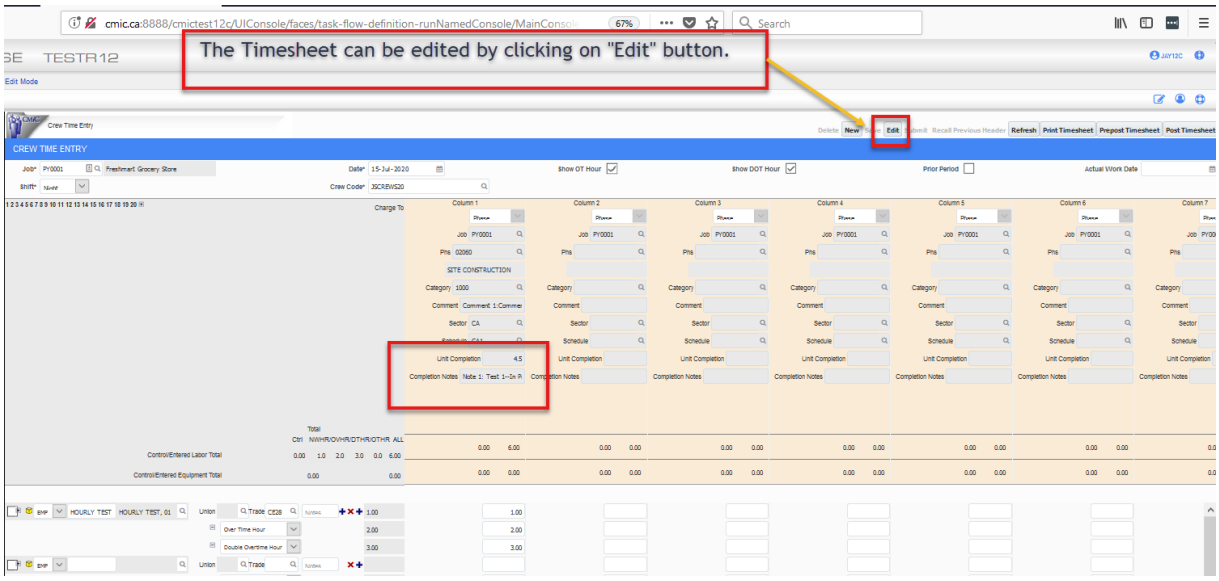
1) Enter Units Completed, Completion Notes for an activity:



Double click on Completion Notes to open the enlarged pop-up window:

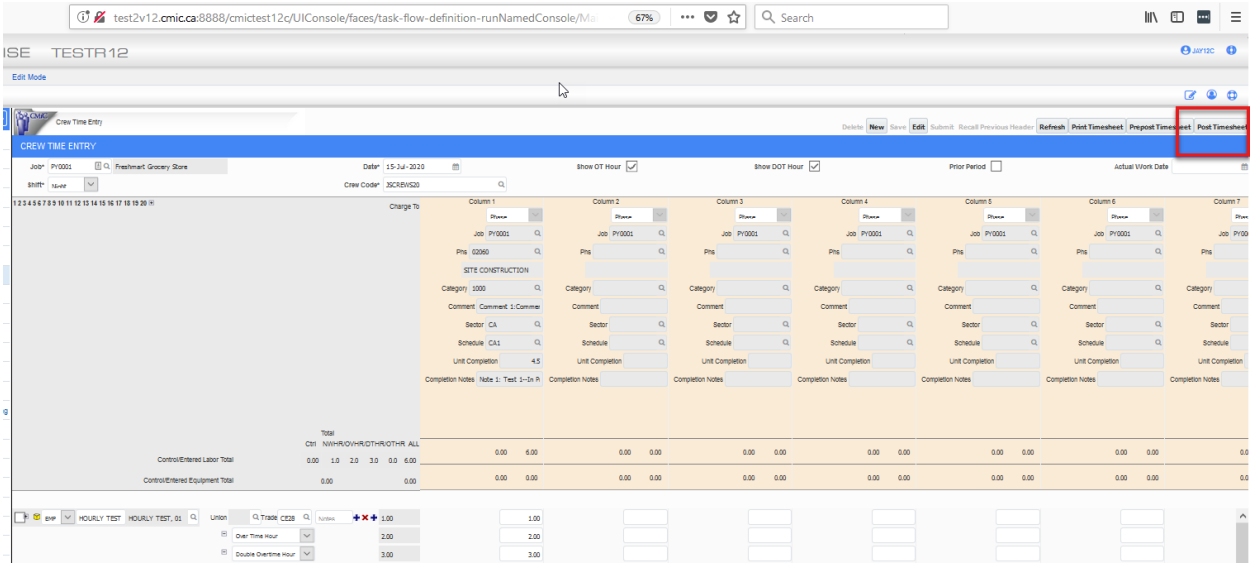


2) Enter and Submit time:

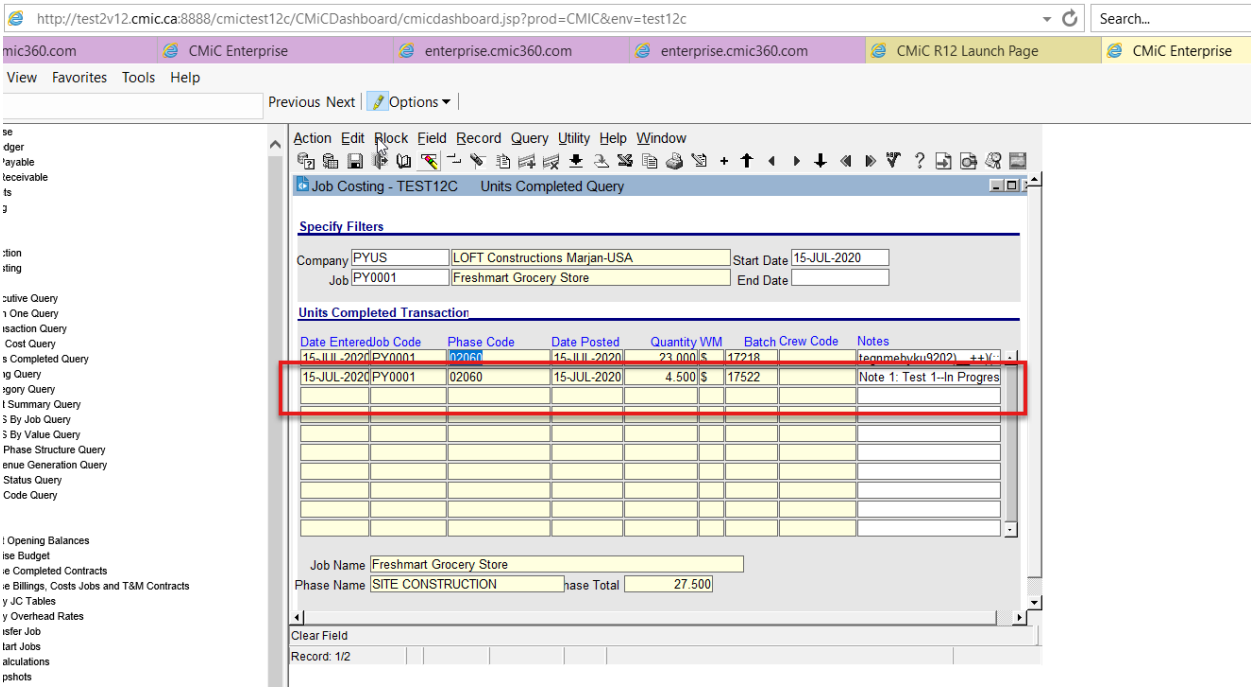


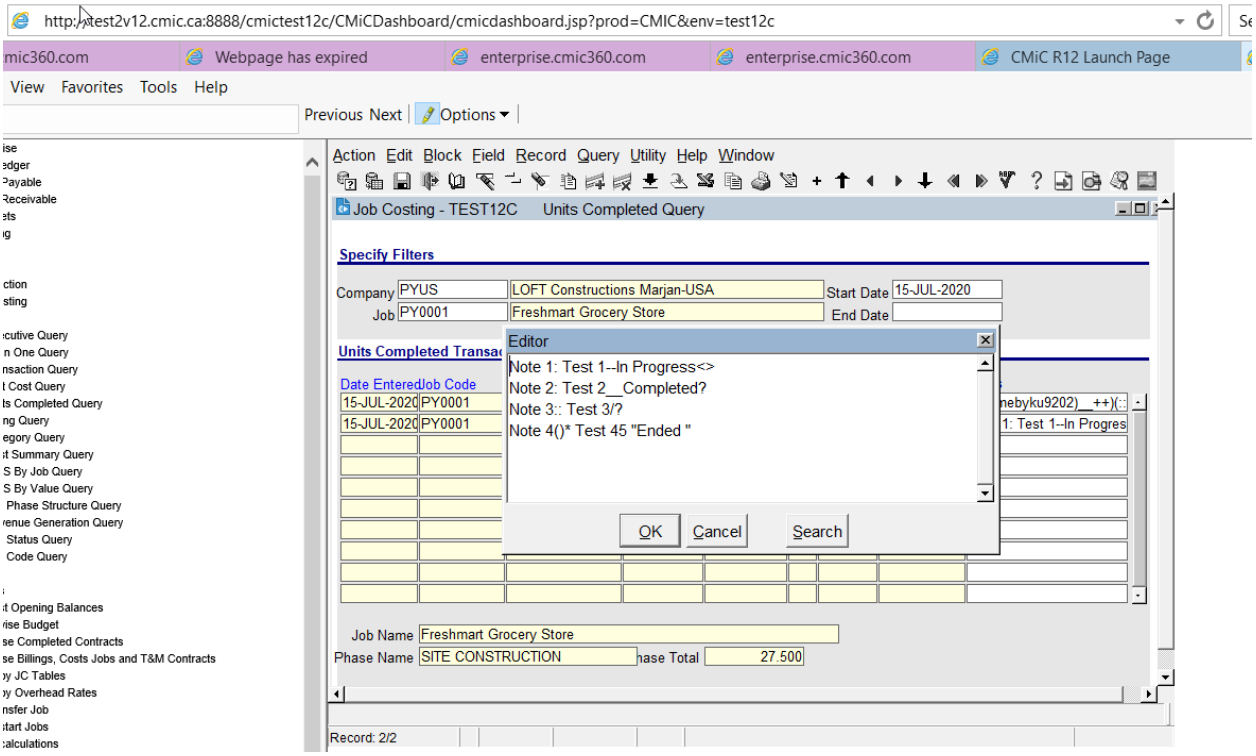
As highlighted above, **Unit Completion** and **Completion Notes** can still be edited by clicking on **Edit** button:

3) Post the Timesheet by clicking on **Post Timesheet** Button:



4) Move to **Units Completed Query** program in **Job Costing** and enter the required parameters to load the posted crew timesheet:

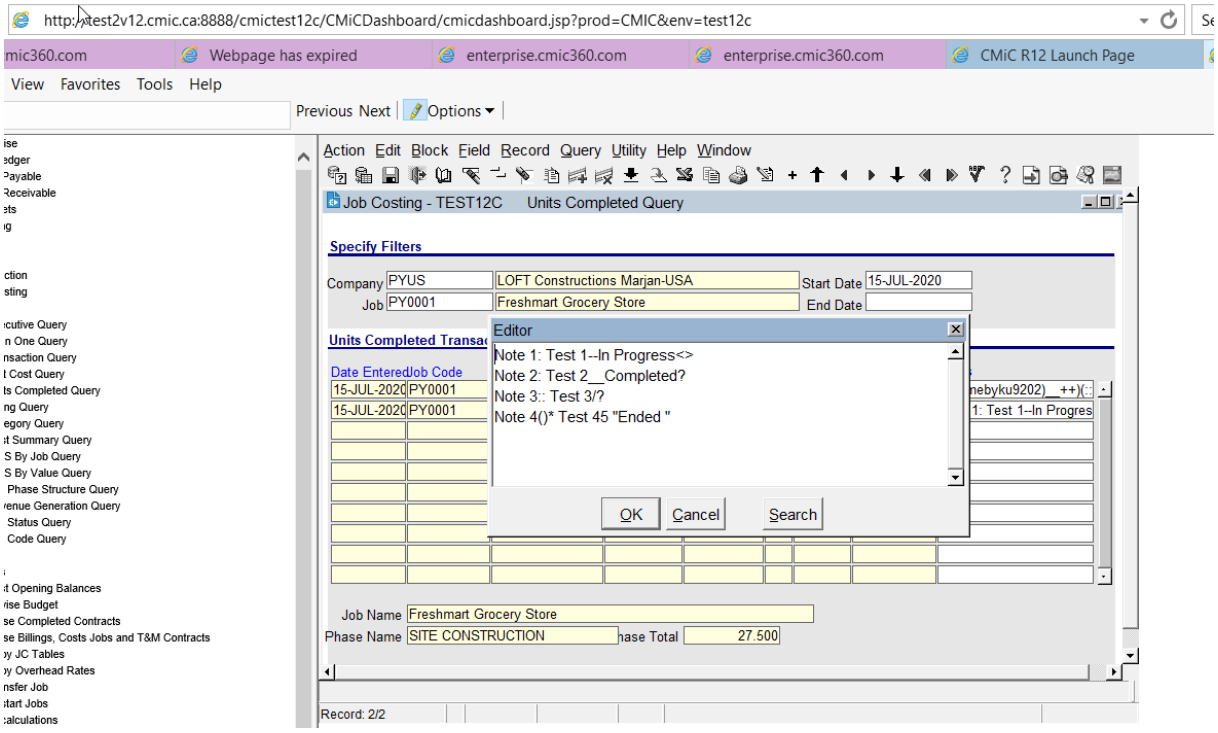




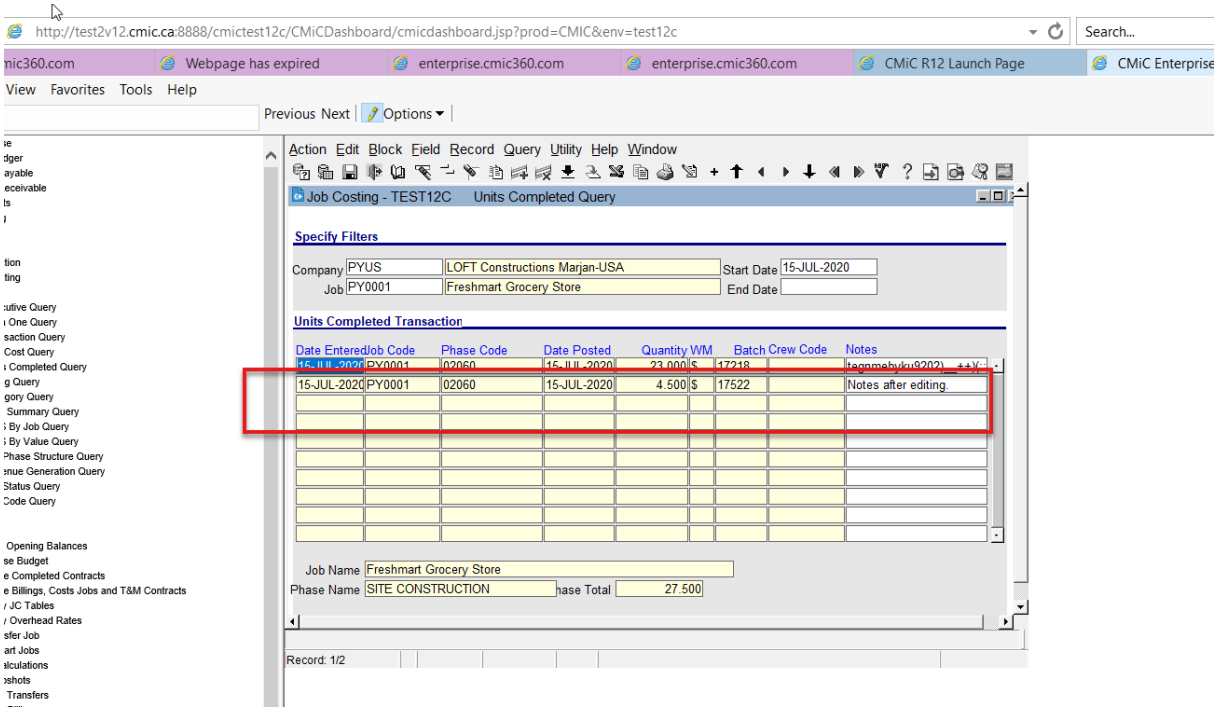
As can be seen above, values in fields **Unit Completion** and **Completion Notes** was copied over to **Quantity, Notes,** respectively.

Notes on this screen can still be edited and saved as shown below:

A) Before Edit:


http://test2v12.cmic.ca:8888/cmictest12c/CMiCDashboard/cmicdashboard.jsp?prod=CMIC&env=test12c
Webpage has expired
enterprise.cmic360.com
CMiC R12 Launch Page
View Favorites Tools Help
Previous Next Options
Action Edit Block Field Record Query Utility Help Window
Job Costing - TEST12C Units Completed Query
Specify Filters
Company PYUS LOFT Constructions Marjan-USA Start Date 15-JUL-2020
Job PY0001 Freshmart Grocery Store End Date
Editor
Note 1: Test 1--In Progress<>
Note 2: Test 2__Completed?
Note 3:: Test 3/?
Note 4()* Test 45 "Ended "
OK Cancel Search
Units Completed Transac
Date Entered Job Code
15-JUL-2020 PY0001
15-JUL-2020 PY0001
Job Name Freshmart Grocery Store
Phase Name SITE CONSTRUCTION
27.500
Record: 2/2

B) After Edit:


http://test2v12.cmic.ca:8888/cmictest12c/CMiCDashboard/cmicdashboard.jsp?prod=CMIC&env=test12c
Webpage has expired
enterprise.cmic360.com
CMiC R12 Launch Page
View Favorites Tools Help
Previous Next Options
Action Edit Block Field Record Query Utility Help Window
Job Costing - TEST12C Units Completed Query
Specify Filters
Company PYUS LOFT Constructions Marjan-USA Start Date 15-JUL-2020
Job PY0001 Freshmart Grocery Store End Date
Units Completed Transaction
Date Entered Job Code Phase Code Date Posted Quantity WM Batch Crew Code Notes
15-JUL-2020 PY0001 02060 15-JUL-2020 4.500 $ 17522 Notes after editing.
Job Name Freshmart Grocery Store
Phase Name SITE CONSTRUCTION
27.500
Record: 1/2

Payroll Posting Routine (20.20714)

CMiC has created an after posting routine to debit the cash account on posting date and credit salary payable account (XXXX). The other two entries would be on pay date credit to salary payable (XXXX) and credit cash.

A new flag option is available in Company Control under Accounts tab with three new fields Cash Department, Cash Account and Salary Payable Account.

When the new checkbox `Enable after posting routine to move GL dates to Pay date' is checked and the Cash Department, Cash Account and Salary Payable Account are provided the GL entries for the company in the cash account and cash department are supplemented by new GL entries that move the money to the salary payable account for the Payment date.

Implementation

The Cash account is mapped and will be retrieved from Company> Pay Group setup. The Account Numbers (Cash and Salary Payable) are NOT hard coded in this posting routine and are dependent on the new setup available in Company Control Accounts tab.

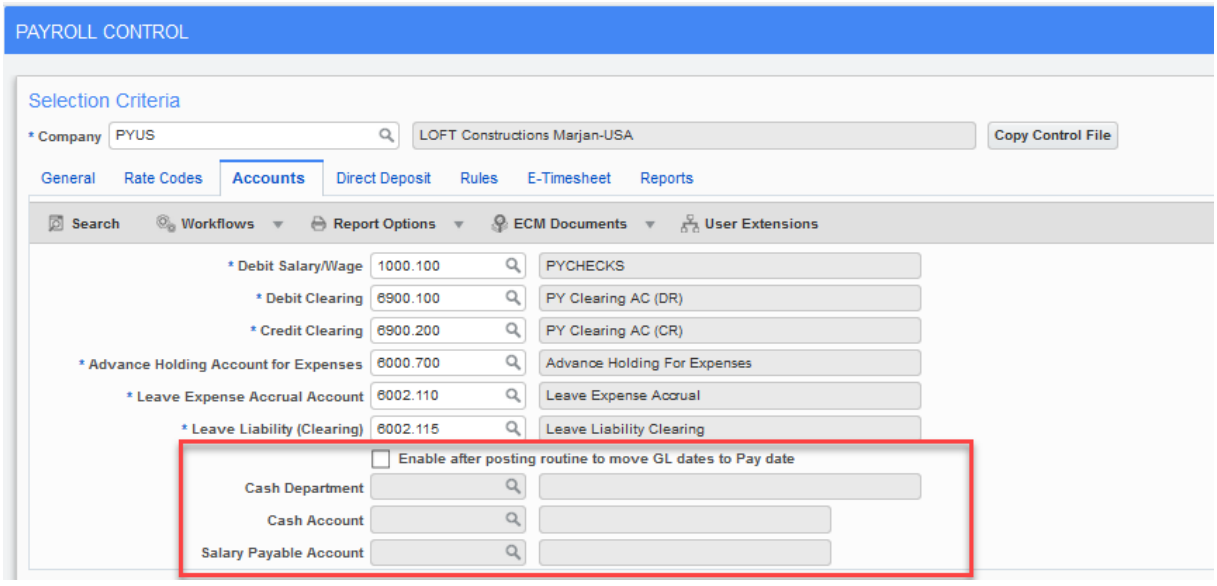
The first entry will debit the Cash account (XXXX) and credit Salary Payable account (XXXX) on Posting Date.

The second entry will Debit Salary Payable (XXXX) and Credit Cash (XXXX) on Payment Date (Pay Date).

The after posting routine is for final posting and can be disabled by unchecking the flag. Users can also change and specify the value of these 3 fields as required.

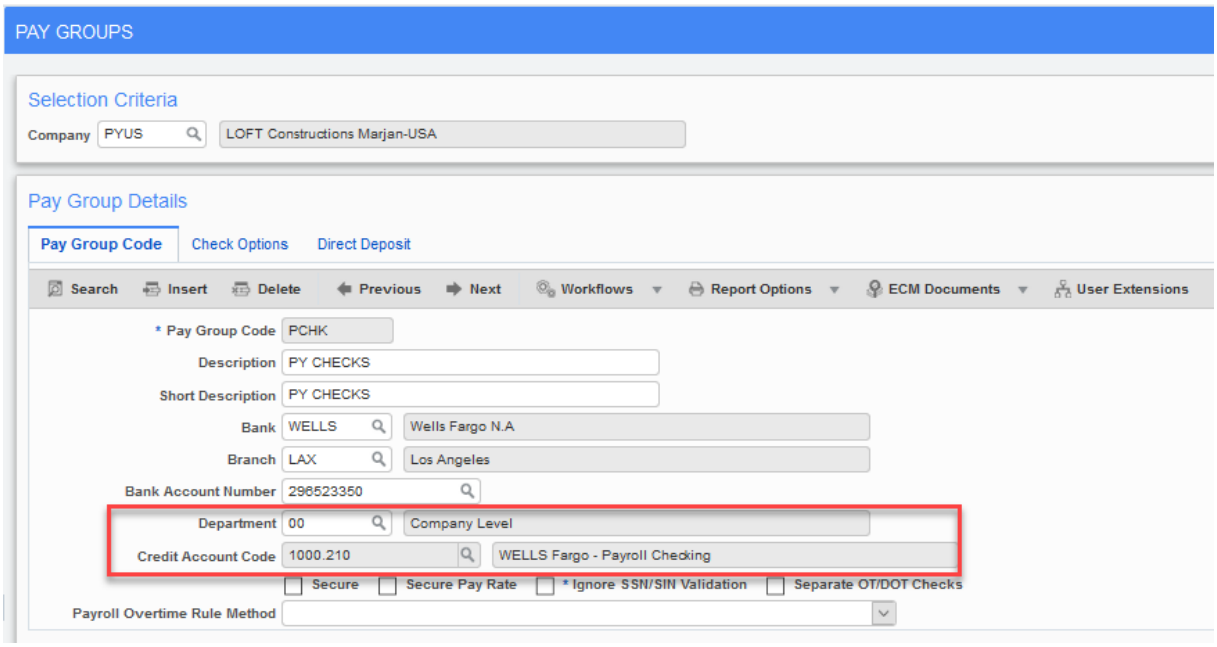
PY Setups: Company > Control > Accounts Tab

Ensure your accounts are setup and mapped appropriately.

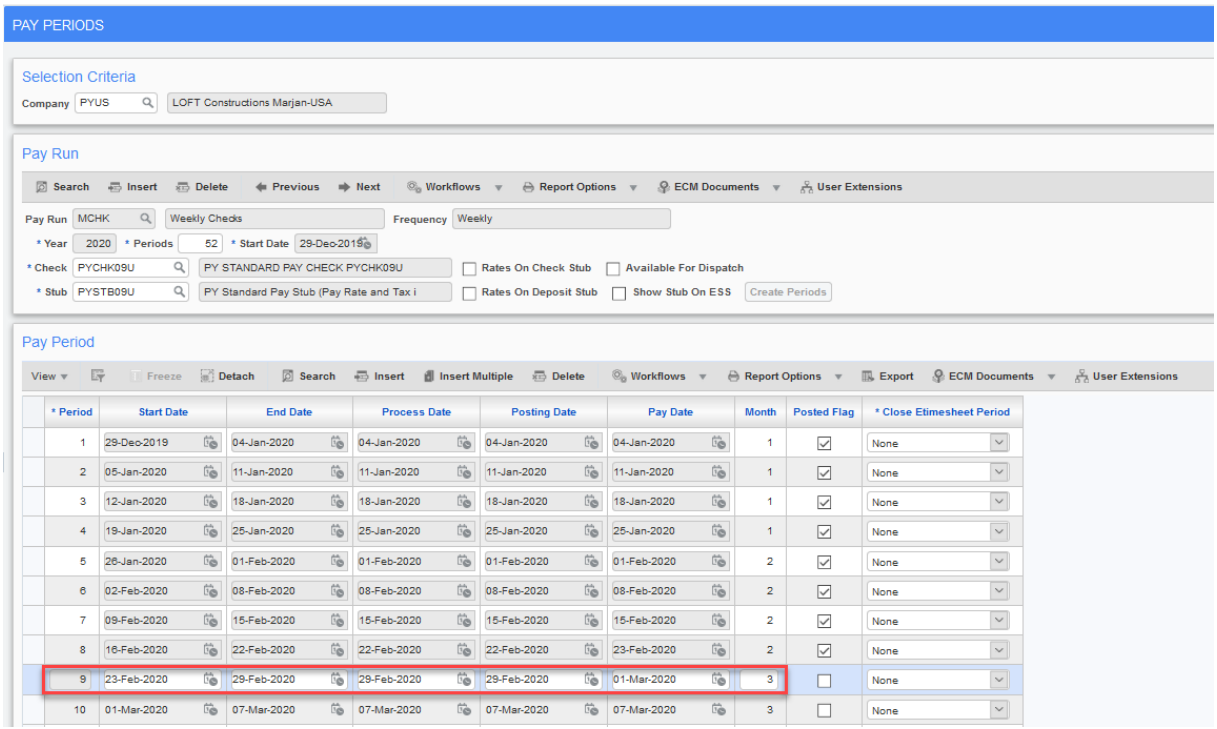


PY Setups: Company > Pay Groups

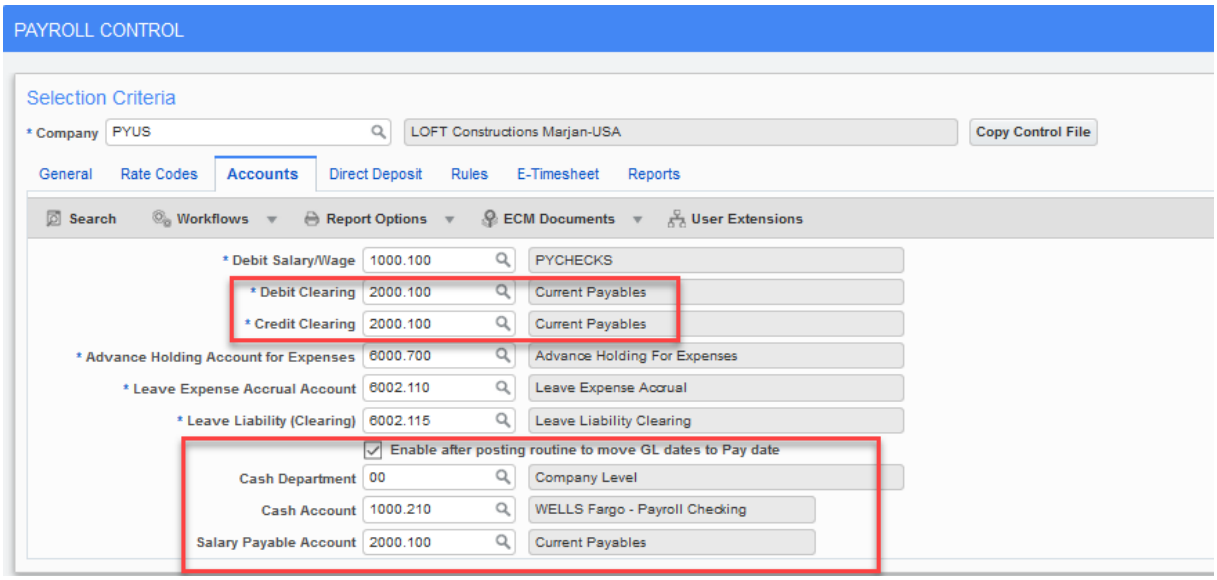
Cash Account Setup and mapping

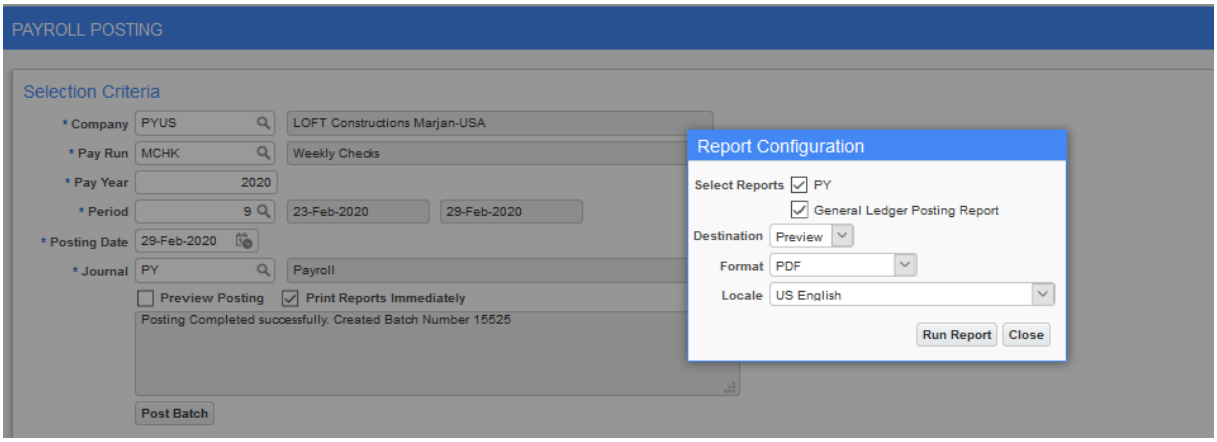


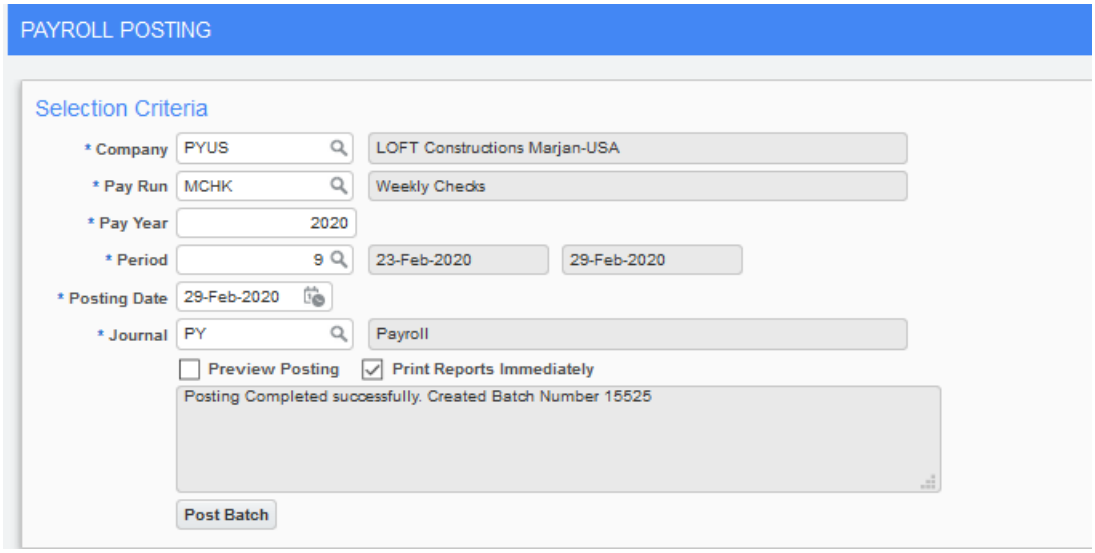
Pay Date and Post Date are different on pay period



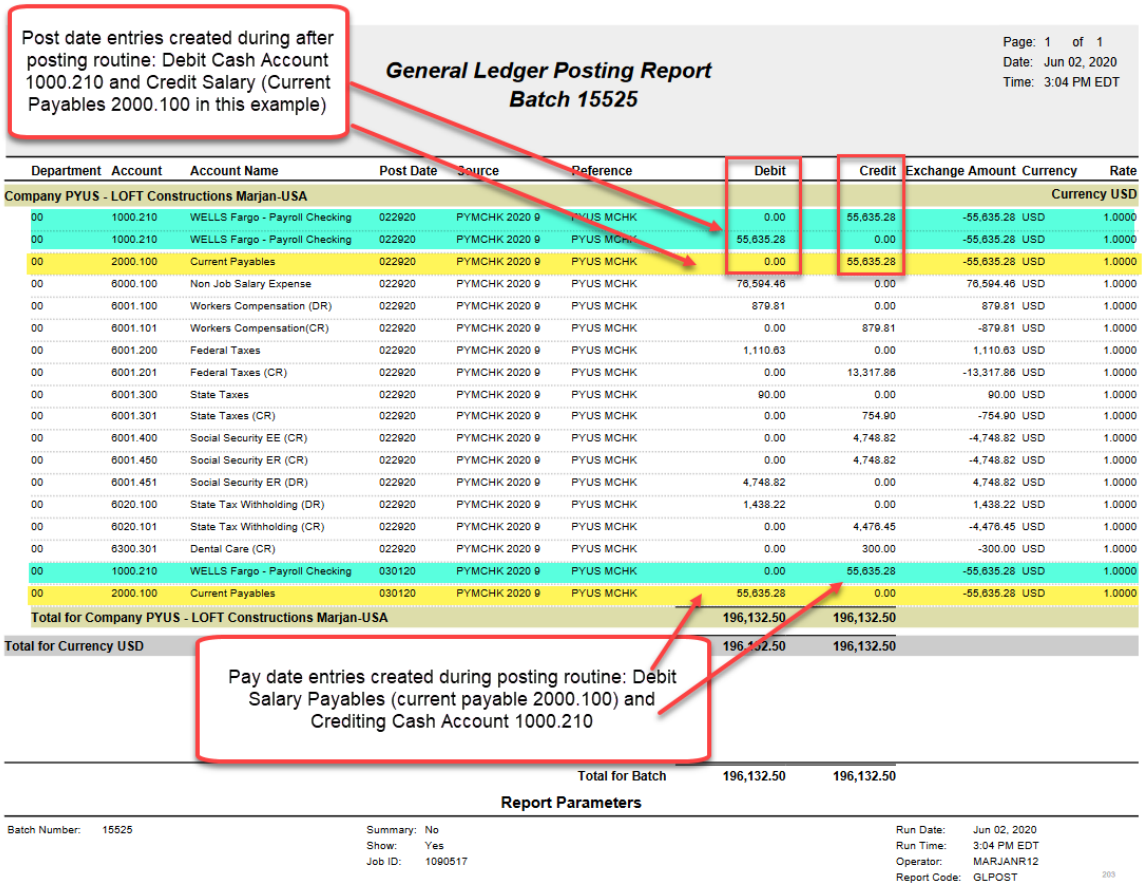
Final Payroll Posting - Enabled after posting routine to move GL dates to Pay date on the Company Control under Accounts tab.







General Ledger – Posting Report Batch 15525



Delete Unposted Timesheet Utility (20.24275)

A new utility is created to delete ‘Payroll Unposted Timesheets’. The utility will have the following mandatory parameters as the selection criteria:

Company

Pay Run

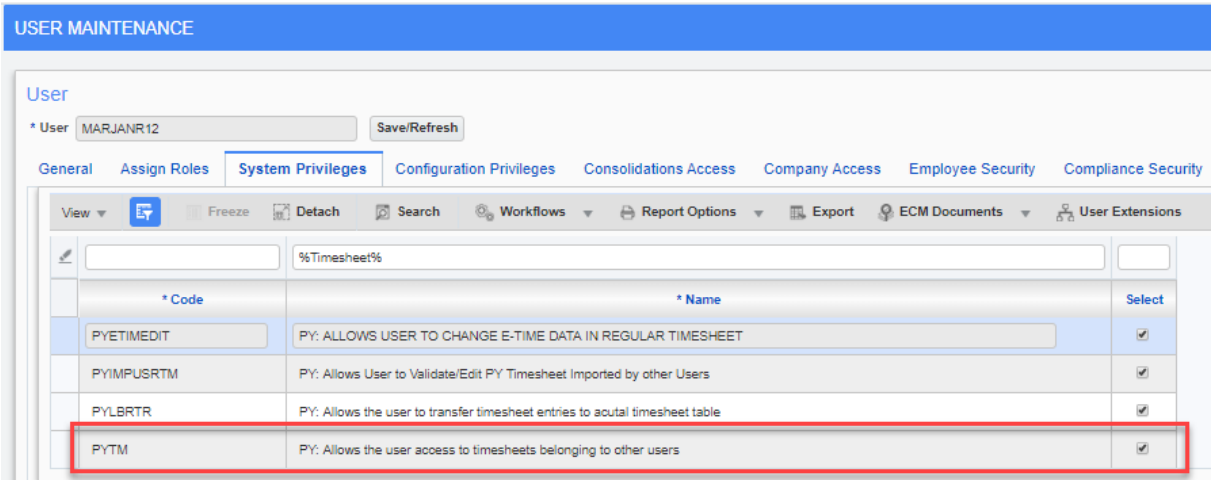
Year

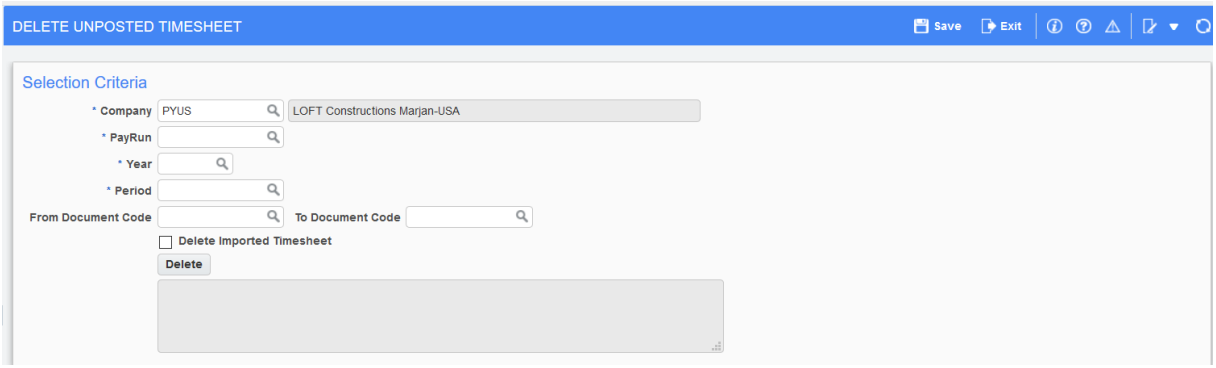
Period

From and To Document Code is ‘Non-Mandatory’ field.

Implementation

Pre-Requisite: User should have a privilege that allows the user access to timesheets belonging to others.



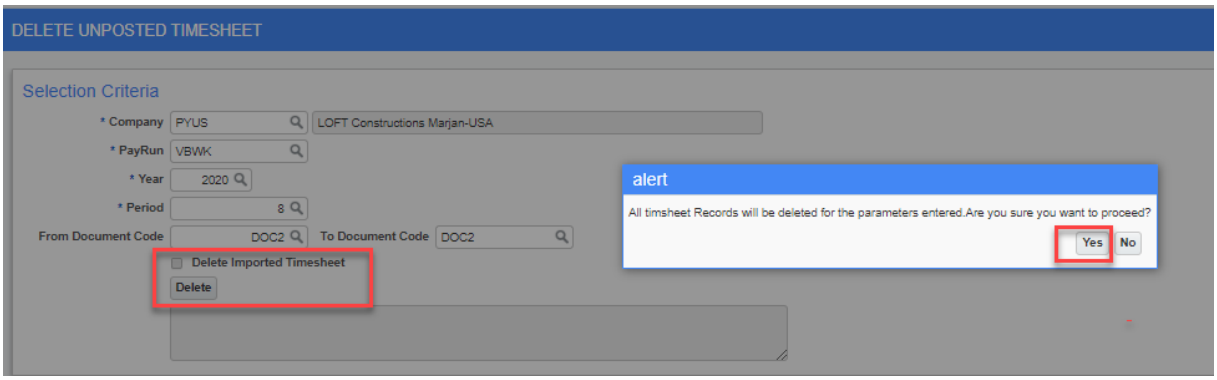


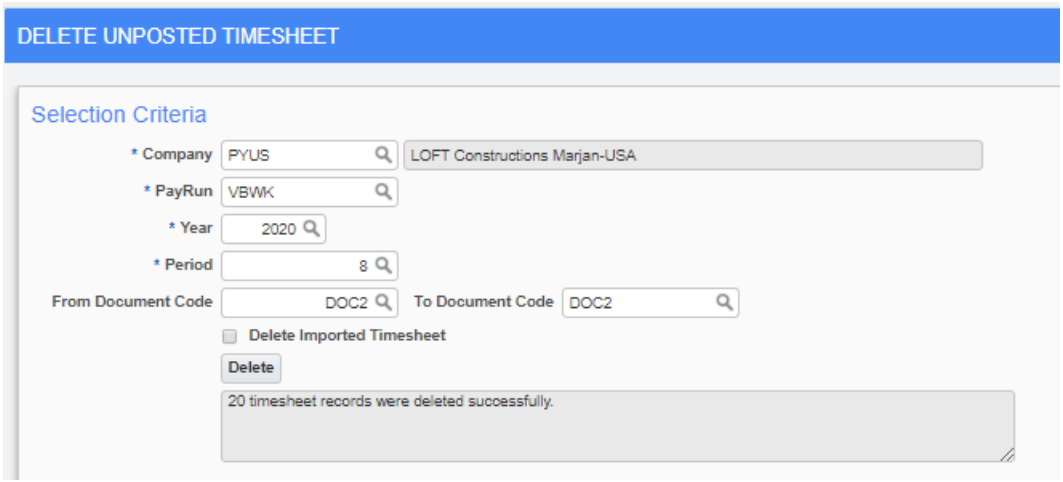
NOTE: Timesheet entries imported via timesheet import tool bar and feature are not considered as imported. They are flagged as regular timesheet entries in the database.

Deleting timesheets with a document code reference will only delete available unposted records in the referenced From and To Document Code.

Deleting without checking the flag for Imported Timesheet will delete all the available unposted timesheets, both imported and non-imported records. All time entries are deleted regardless of these entries being imported or not.

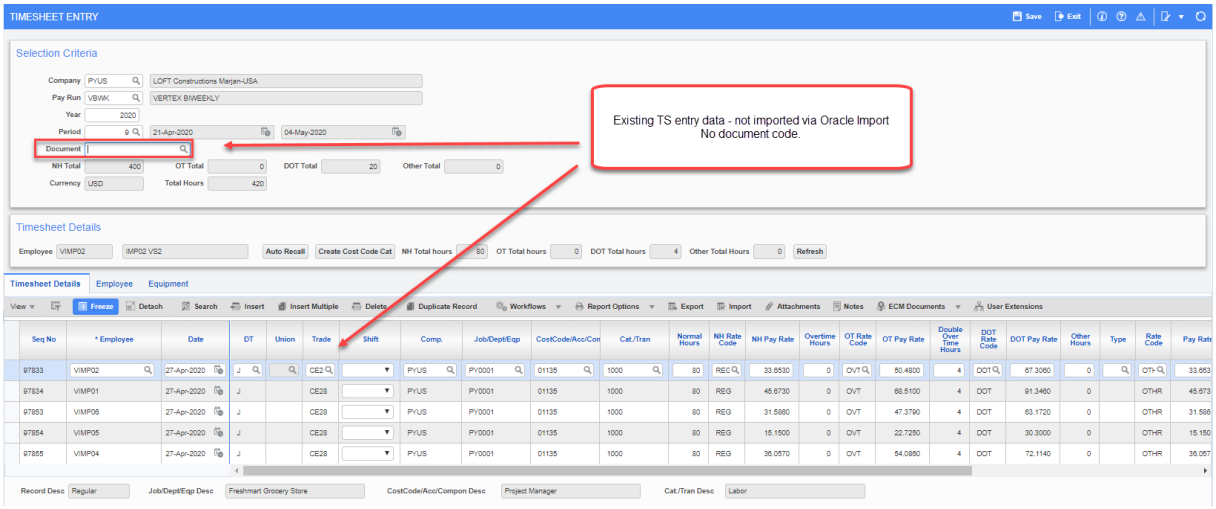
When user does not check the flag to delete Imported TS entries, system will delete all the unposted entries in that specified Pay Run, Pay Period and Document Code.

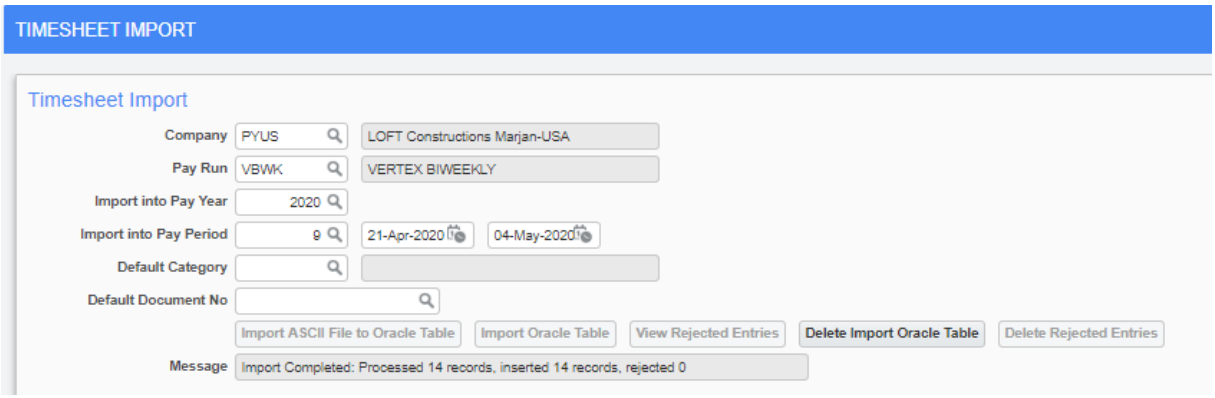




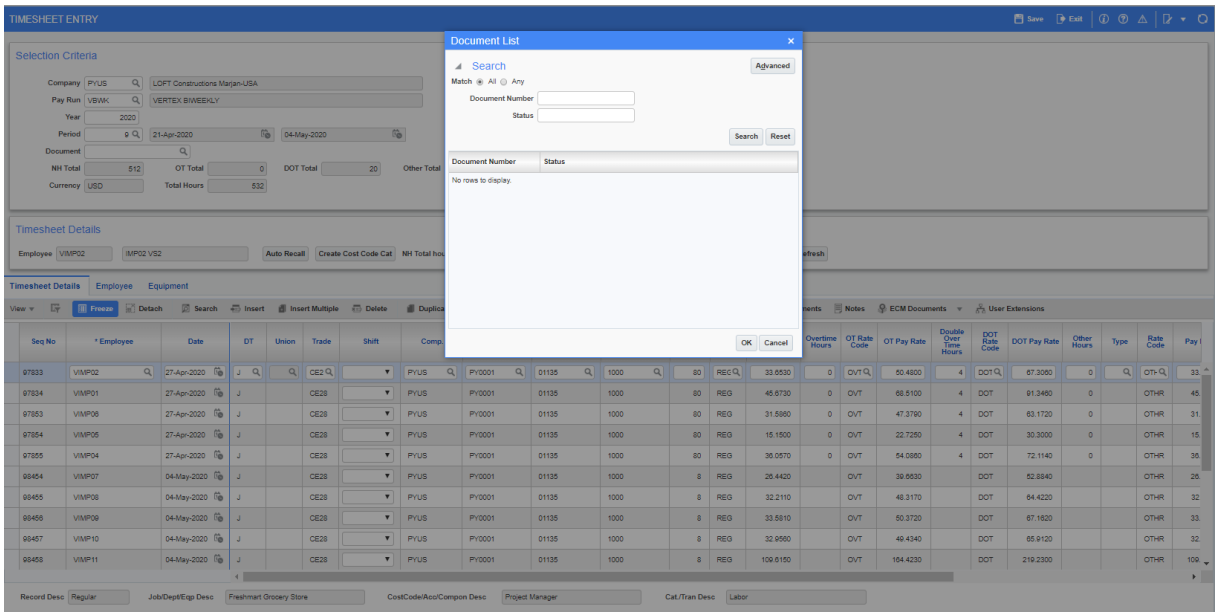
Deleting with checking the flag for Imported Timesheet will delete all the available unposted imported timesheets. When user checks the flag to delete Imported TS entries, system will delete all the unposted entries in that specified Pay Run, Pay Period and Document Code.

Scenario: Delete Unposted Imported Timesheet flag checked should only delete the 14 records that were imported into timesheet entry for the specified period.

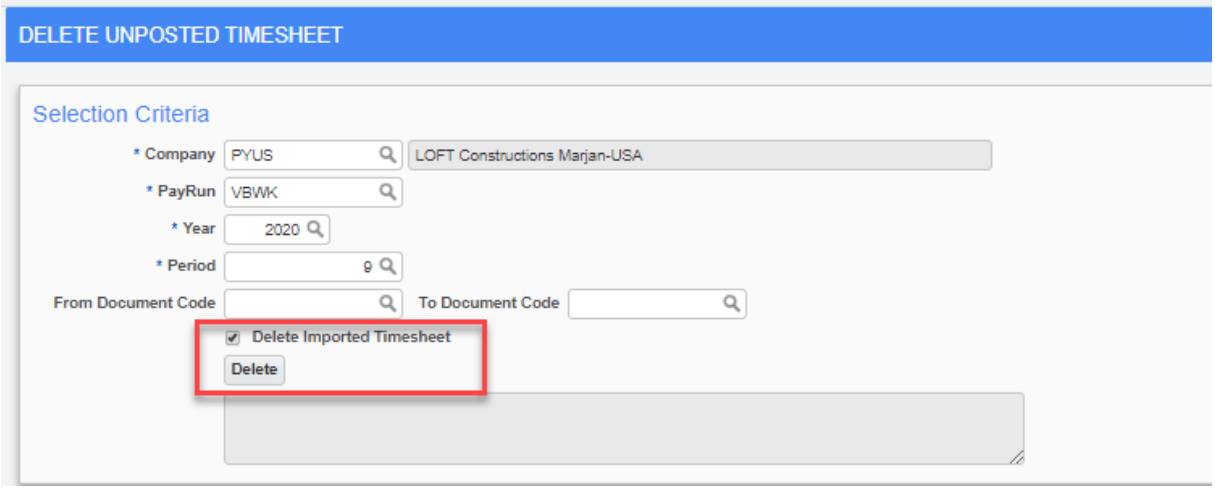


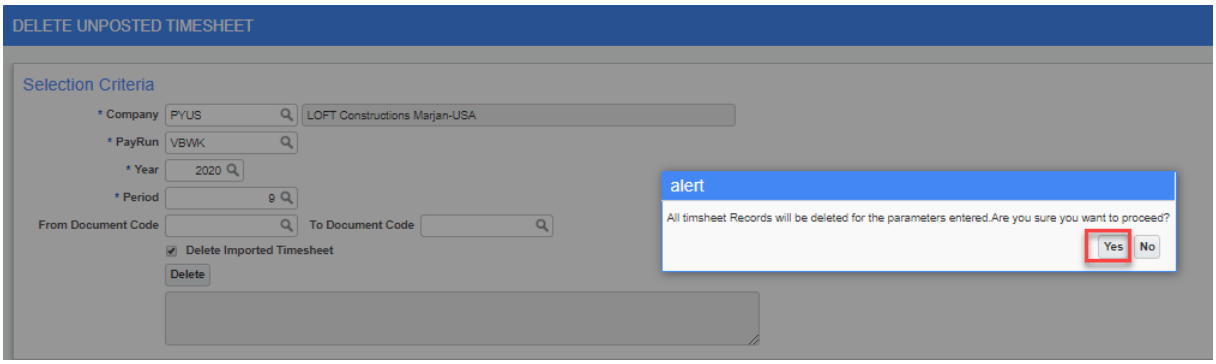


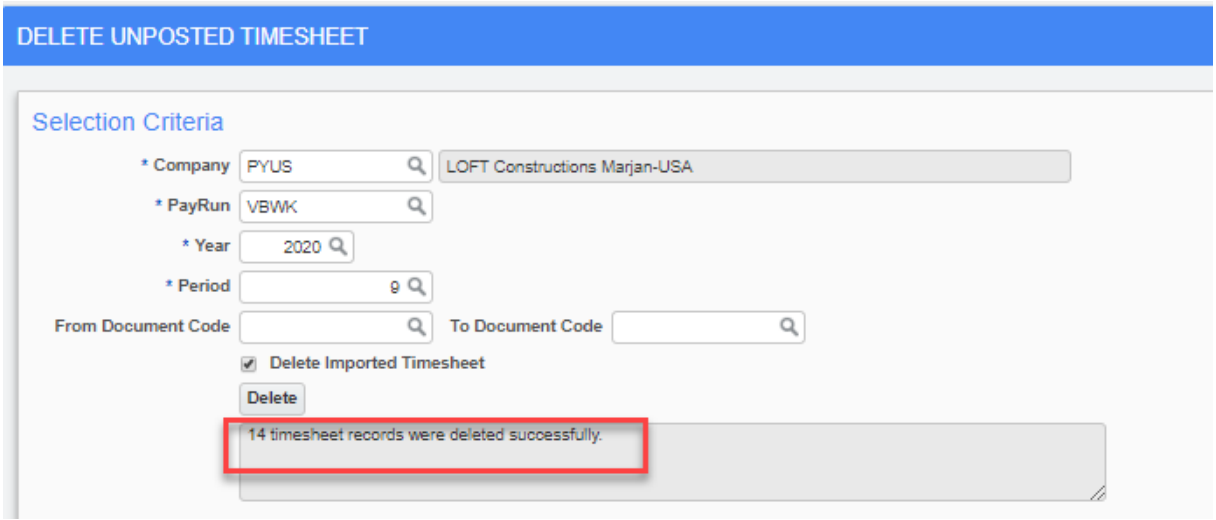
Timesheet Entry now has 19 records in total (14 imported and 5 manual)



Delete Unposted Imported Timesheet flag checked should only delete the 14 records that were imported into timesheet entry.

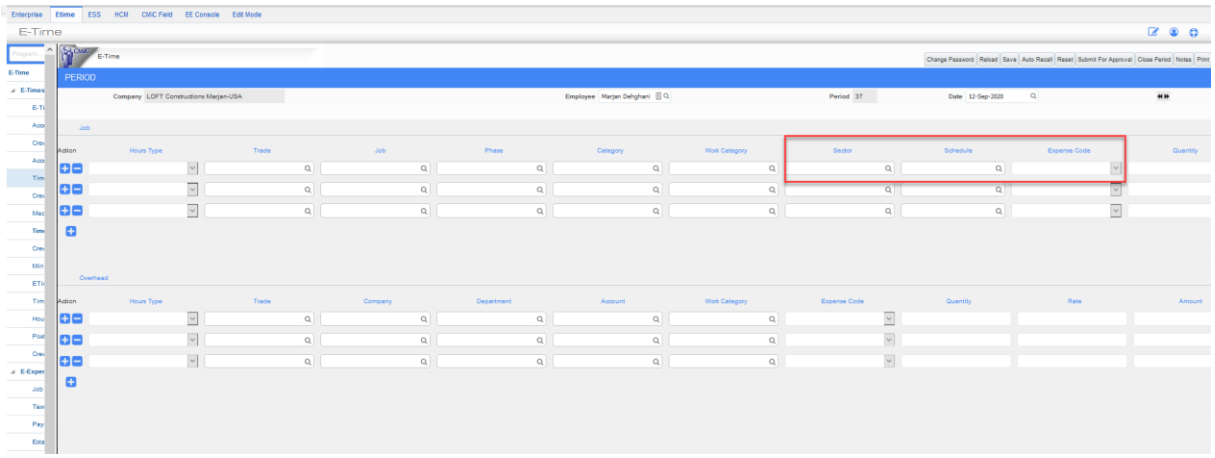






E Time Entry – Added Expense, Sector & Schedule Code (20.26074)

CMiC has added the expense, sector, and schedule columns to E-Timesheet entry screen.



Sector and Schedule are added for J-line entries. Expense and related fields have been added for G-Line entries.

Generate Vertex Employee Tax Report (20.24236)

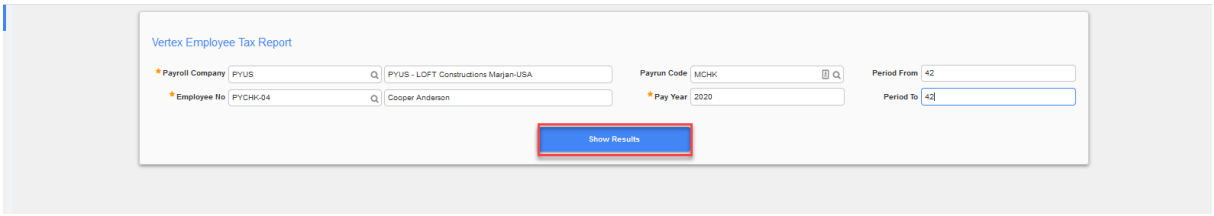
A utility screen to generate and display the Vertex Tax XML Report of an employee for a selected year and period in a structured and readable format with a XSL (XML Style Sheet) applied, along with a provision to download in HTML format to view later.

Users are required to add the utility program to the tree view menu under US Payroll Menu>Utilities> Generate Vertex Employee Tax Report.

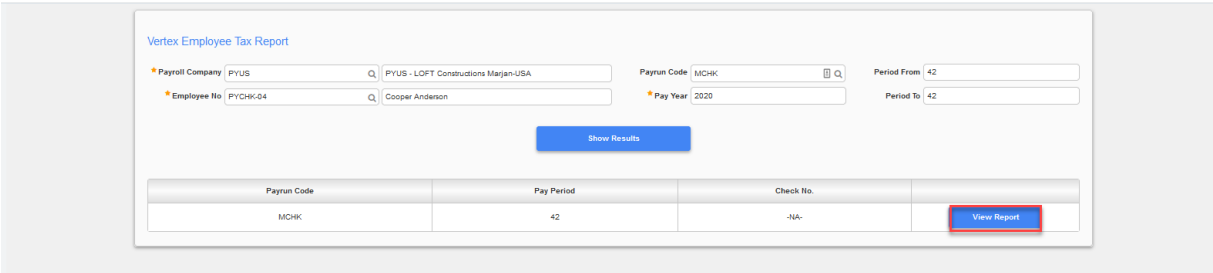
1. Fields like Payroll Company, Payrun Code, and Employee Number can be selected from the LOV or entered manually.

2. If no Period From and Period To are provided, the system will fetch results for all the periods

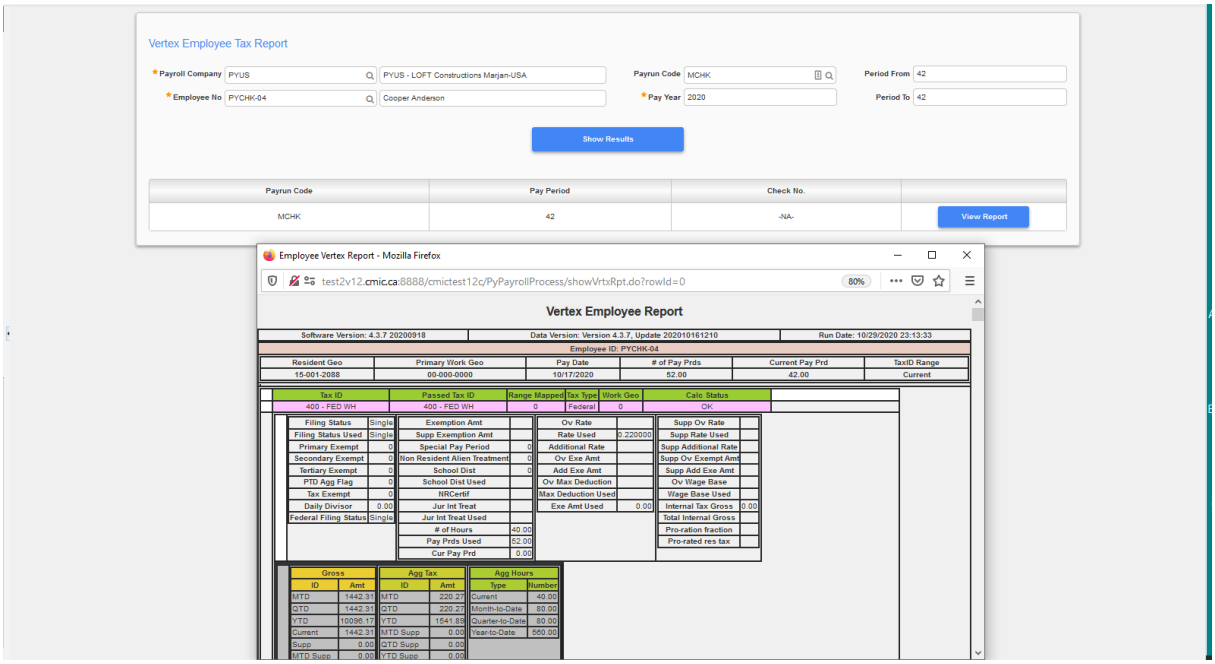
3. Enter the form details and click “Show Results”.

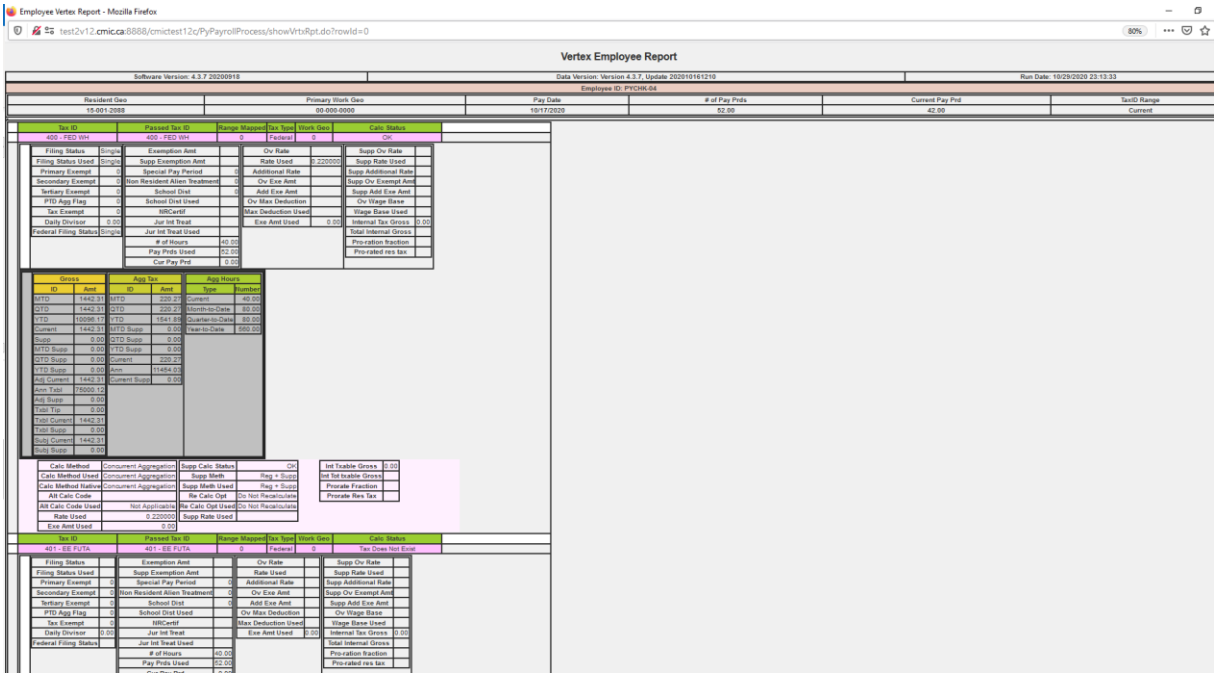


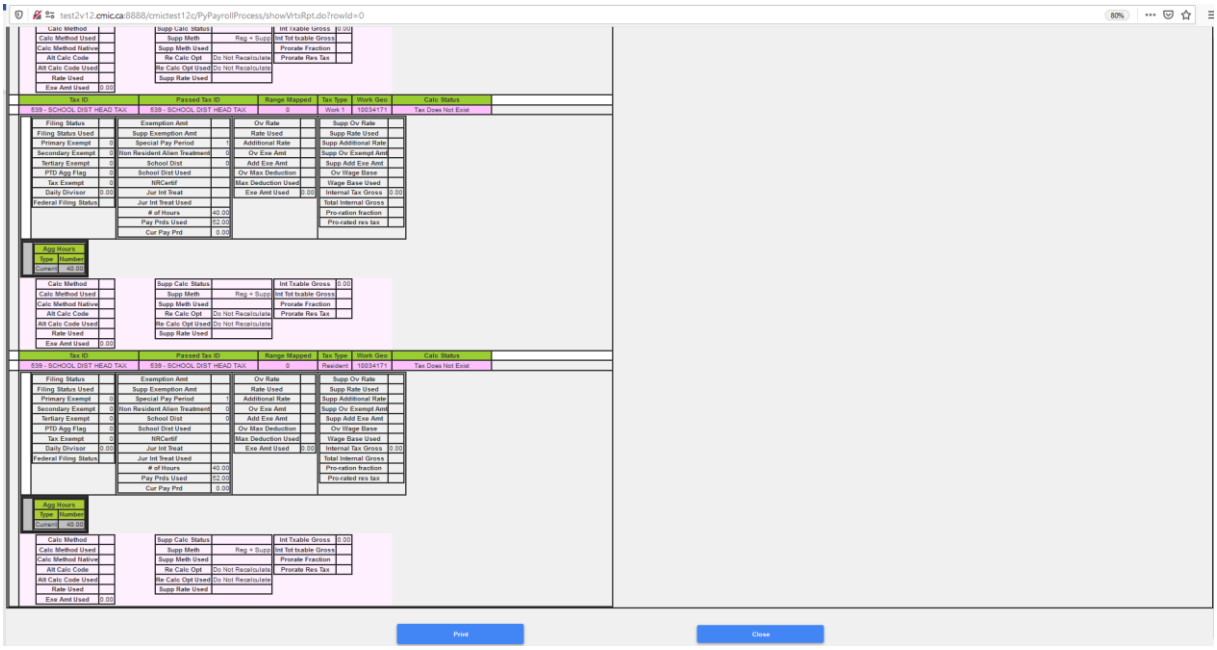
4. Click on “View Report” to view the generated vertex report of the required pay period.



5. A pop-up window with results displays the vertex tax report information.



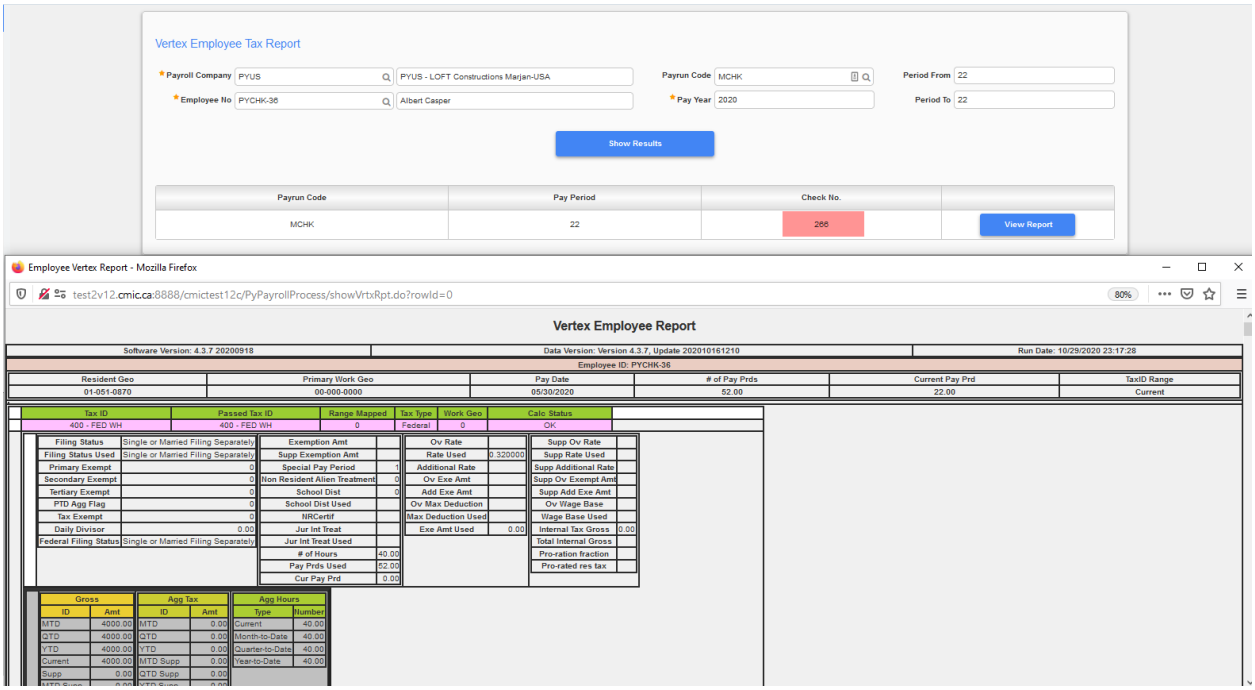




6. At the bottom of the pop-up window, there are 2 options ‘Print’ and ‘Close’.

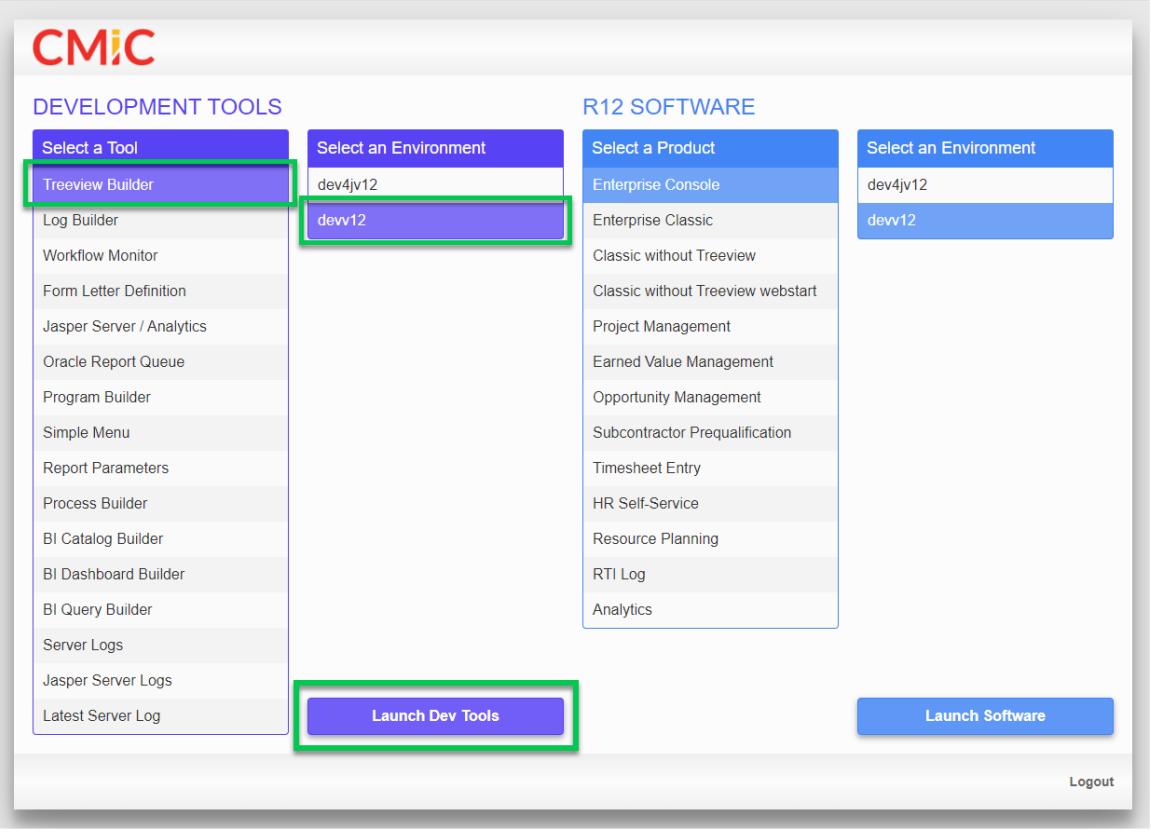
7. ‘Print’ button will enable the user to download the report in HTML format to be saved and viewed later. ‘Close’ will close the pop-up window.

When check is printed the Check Number will be reported under the ‘Check No.’



Menu Info: If the menu option is not available, please perform the following steps:

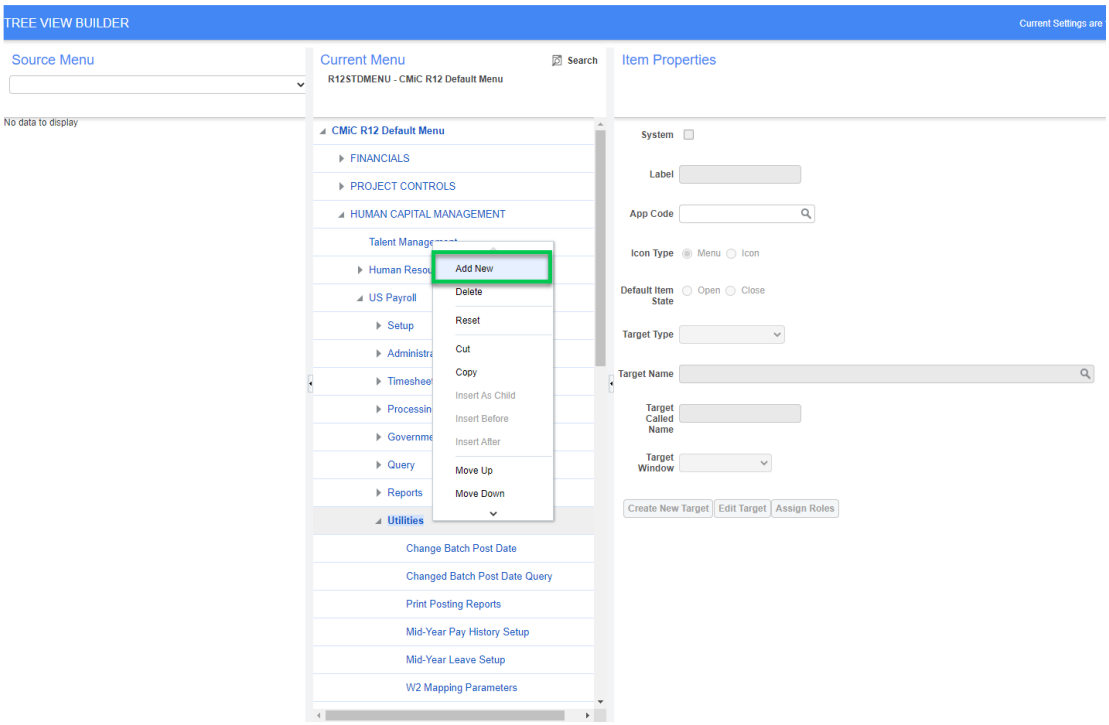
Go to the environment home screen. In the Left section (“Development Tools”), under “Select a Tool”, select “Treeview Builder”, and under “Select an Environment”, select your preferred environment. Click on “Launch Dev Tools”



In the new Pop-up window, filter results by entering the Code as “R12STDMENU” and hit “Search”. This will return the Standard R12 CMiC Menu. Click on “OK”.

In the middle frame titled “Current Menu”, navigate to CMiC R12 Default Menu > Human Capital Management > US Payroll > Utilities.

Right Click on Utilities > Add New. This will create a New Item at the very end of “Utilities” Option. Click on “New Item”.



In the right frame with the details, provide label as “Generate Vertex Employee Tax Report”.

In the App Code LOV, select “PY”.

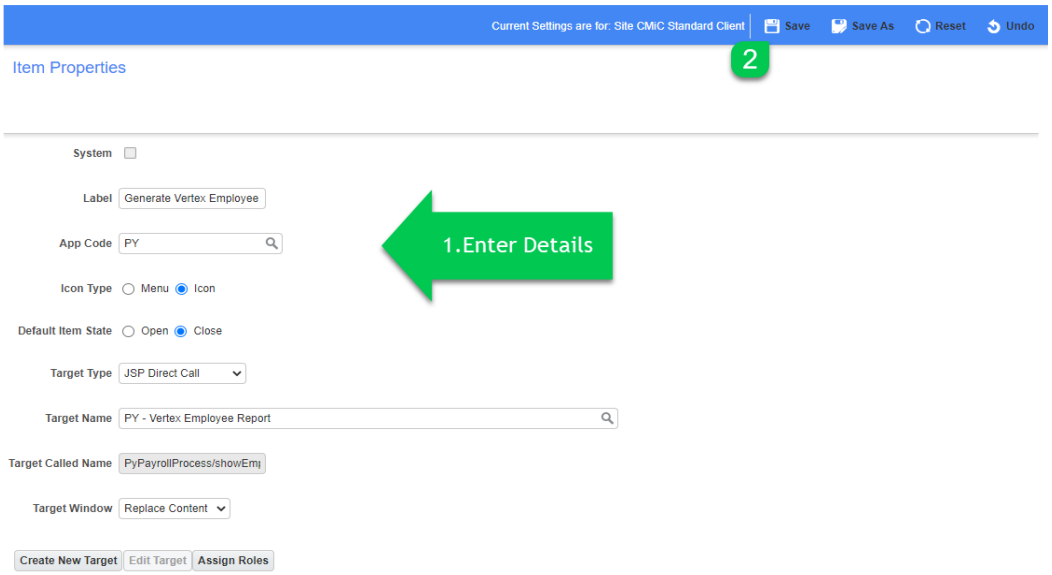
Select the “Icon Type” as “Icon”, and “Default Item State” as “Close”.

Select the “Target Type” as “JSP Direct Call”

In the “Target Name” LOV, select the name “PY - Vertex Employee Report”.

Select “Target Window” as “Replace Content”.

Click on “Save” at the top right. The menu option will now be available at given path.

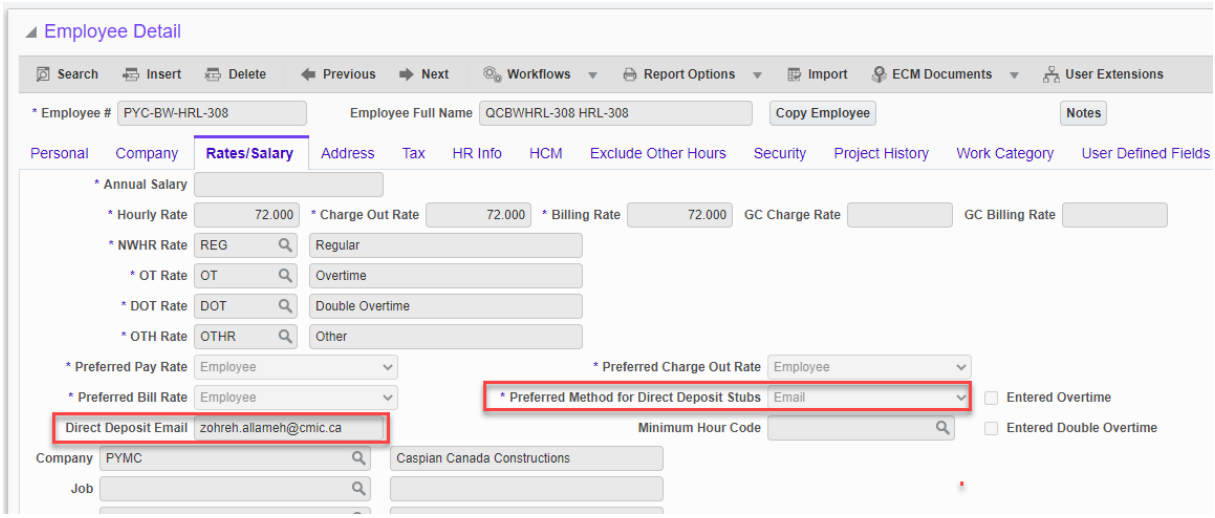


Changing the Subject/Body of Emailed Paystub (20.26978)

CMiC has modified the Direct Deposit email subject line and added the email body.

Pre-requisites

Employee E-mail address and preferred method for Direct Deposit Stub needs to be SETUP in Employee profile under Rate/Salary tab:



Modifications

Subject line will be as: <employee Company Name> Paystub for Pay Date <Payroll Period Pay Date>.

Email Body: Dear <employee First name> <employee last name>
Attached, you will find your Paystub for the pay date %PPR_PAY_DATE%
To view your pay stub, please open the attached file and enter your unique password (if required). We encourage you to save this document in a secure/private location for your future reference.

If you have any questions regarding the contents of the attached, please contact <From email Address>
Thank you,

<Company Name> Payroll Department

Implementation

Please see below Email:

Dear Mike S Nichols

Attached, you will find your Paystub for the pay date 09/04/2019.

To view your pay stub, please open the attached file and enter your unique password (if required). We encourage you to save this document in a secure/private location for your future reference.

If you have any questions regarding the contents of the attached, please contact payroll department.

Thank you,
Canadian Company Payroll Department

Employee History Import (20.29265)

Employee history import program allows the user to import employee history records in a CSV file (excel sheet) with a specified format of existing employees in a company to update their pay rates (hourly rate, charge out rate and billing rate).

Pre-requisites

Employee profile needs to be set before importing any employee history records.

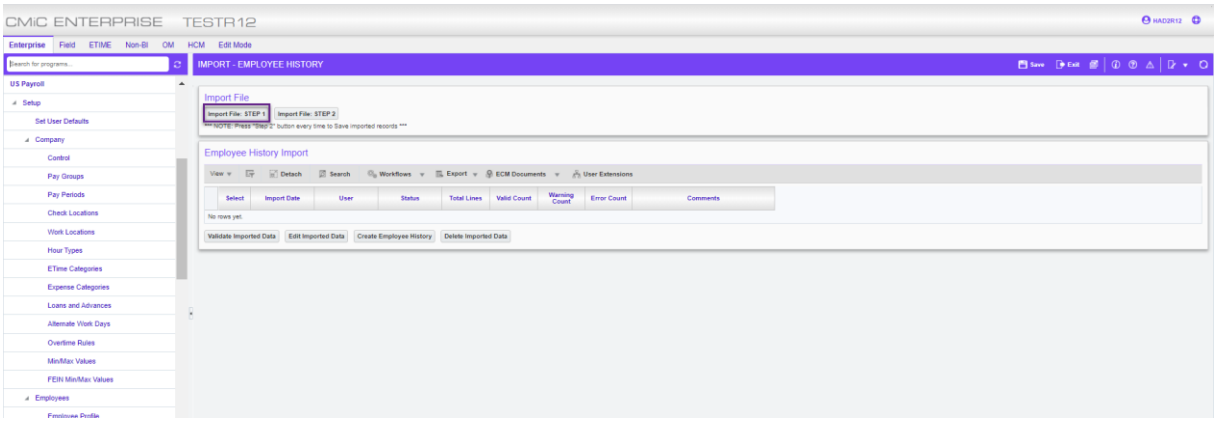
Modifications

The program updates employee information in terms of hourly rate, charge out rate and billing rate. The screens that are mainly affected by this program are employee profile, employment history, as well as timesheet entry.

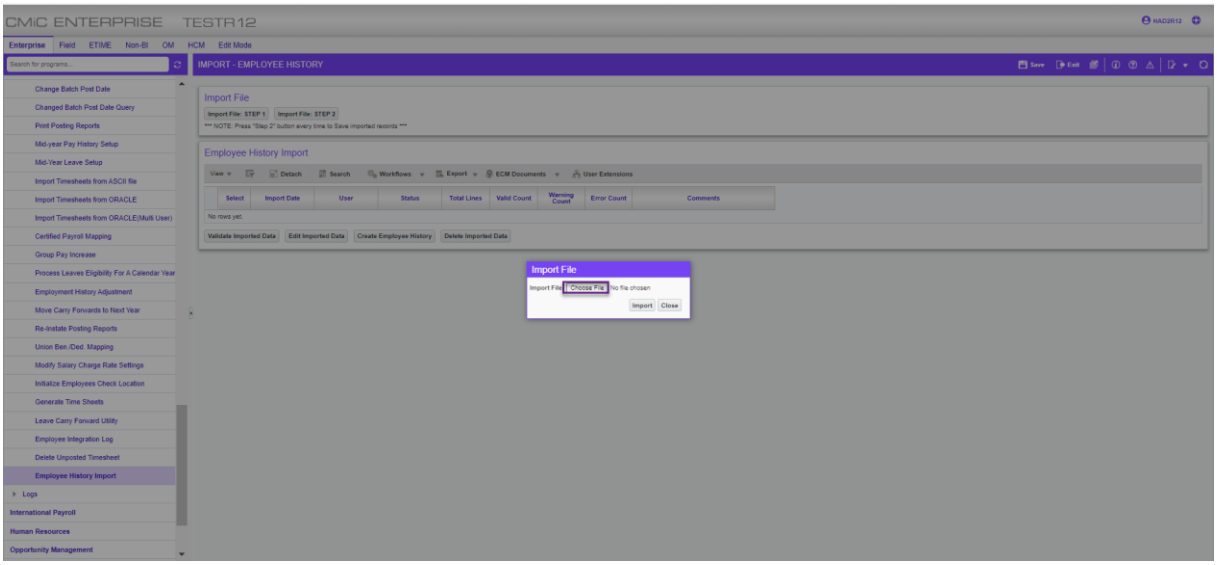
Implementation

This section provides examples of using the new functionality, enhancement or change request.

To start importing data the first step to be taken is pressing import file: STEP 1.



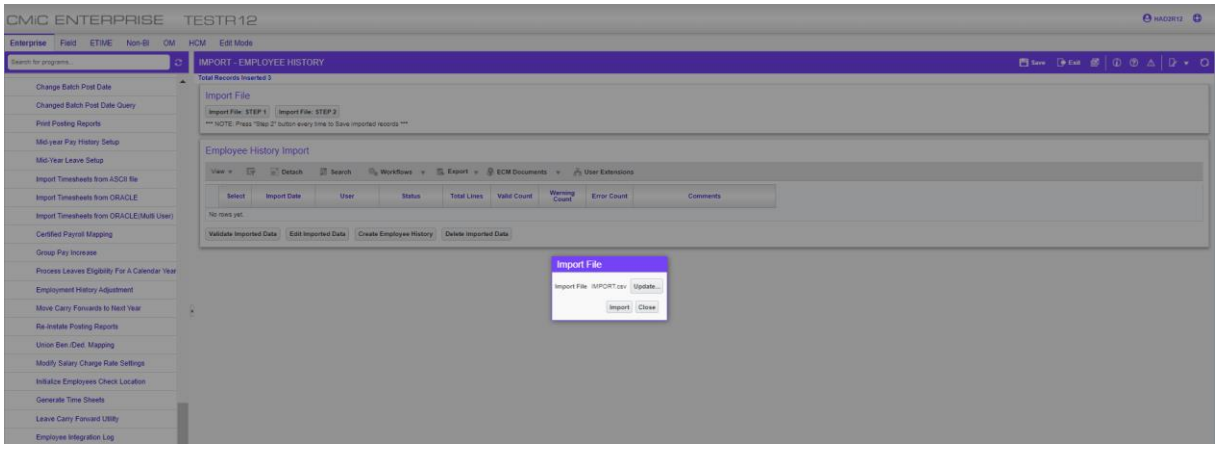
Choose the file that needs to be imported. The file must be a .CSV format.



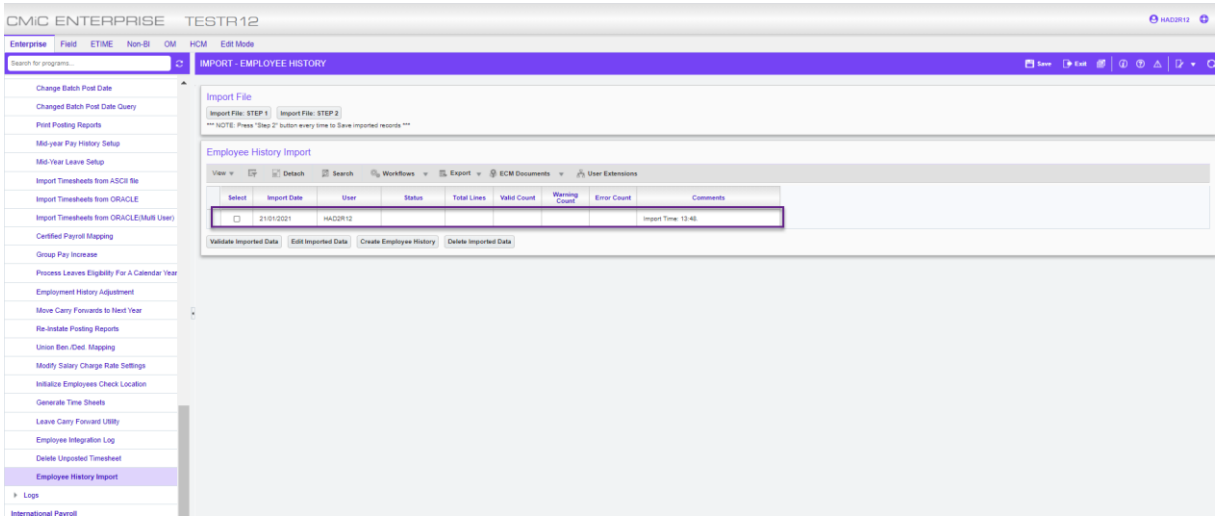
The following is a sample file with the following order: ID, first name, last name, effective date, reason, hourly rate, charge out rate, billing rate.

	A	B	C	D	E	F	G	H
1	EMPH17	EMPLOYE	TEST	12/01/202	ATB	40	40	40
2	EMPH15	JENNIFIER	LOCUS	12/03/202	ATB	25	25	25
3	EMPH14	JJ	JJ	12/03/202	ATB	25	25	25

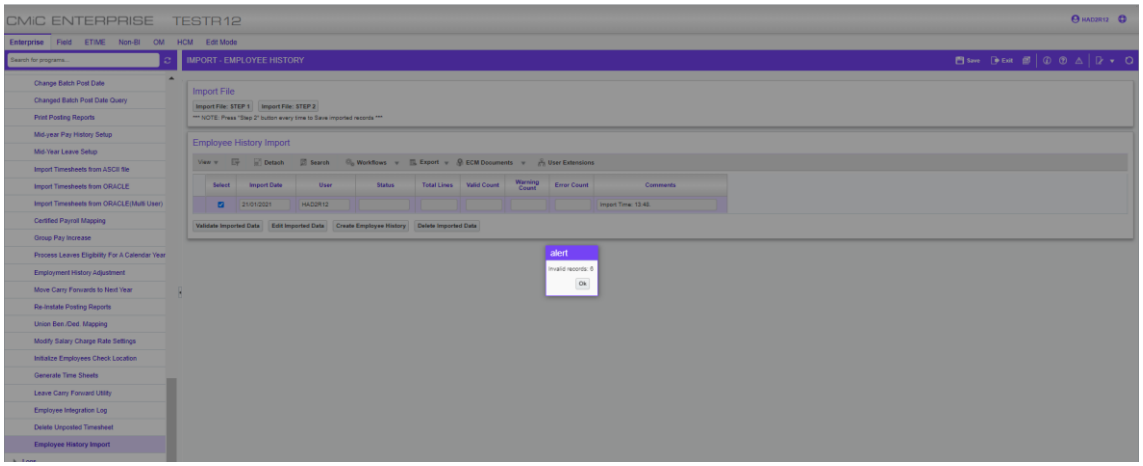
After clicking import click on close and move to STEP 2.



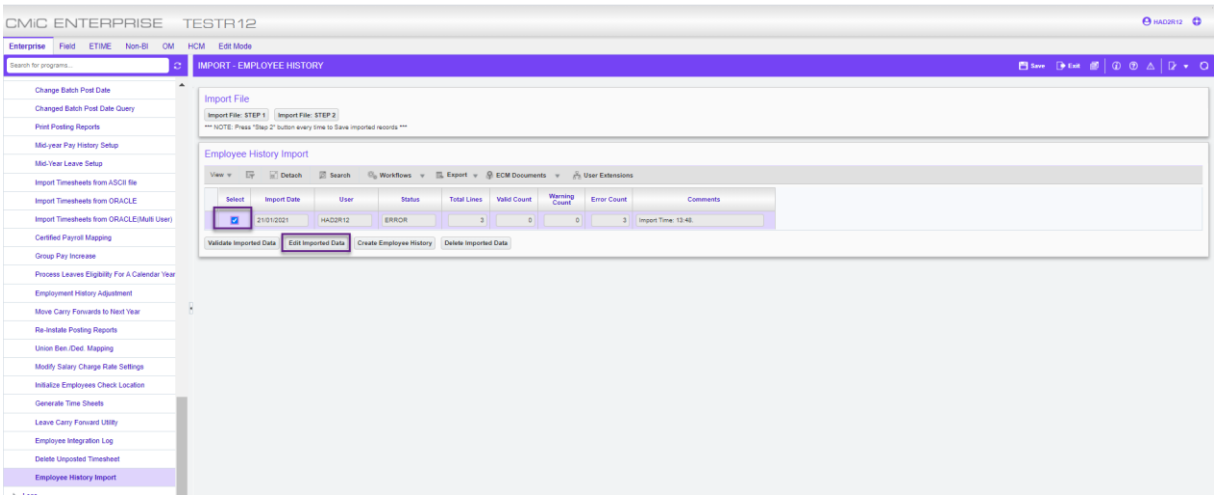
After clicking import file: STEP 2. The file is now imported showing the date and the user that imported the data as well as the time it was imported under the comments field.



Select the file and click on validate imported data button it will indicate if there valid and invalid records.



You can edit the invalid records by checking the checkbox of the file and pressing on edit imported data.

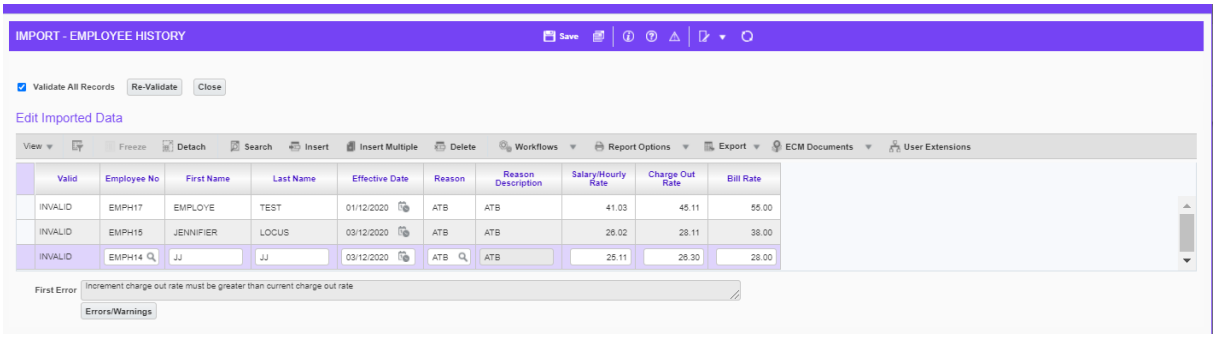


The records imported are shown on the following screen. The “valid” field tells whether the record is valid or invalid.

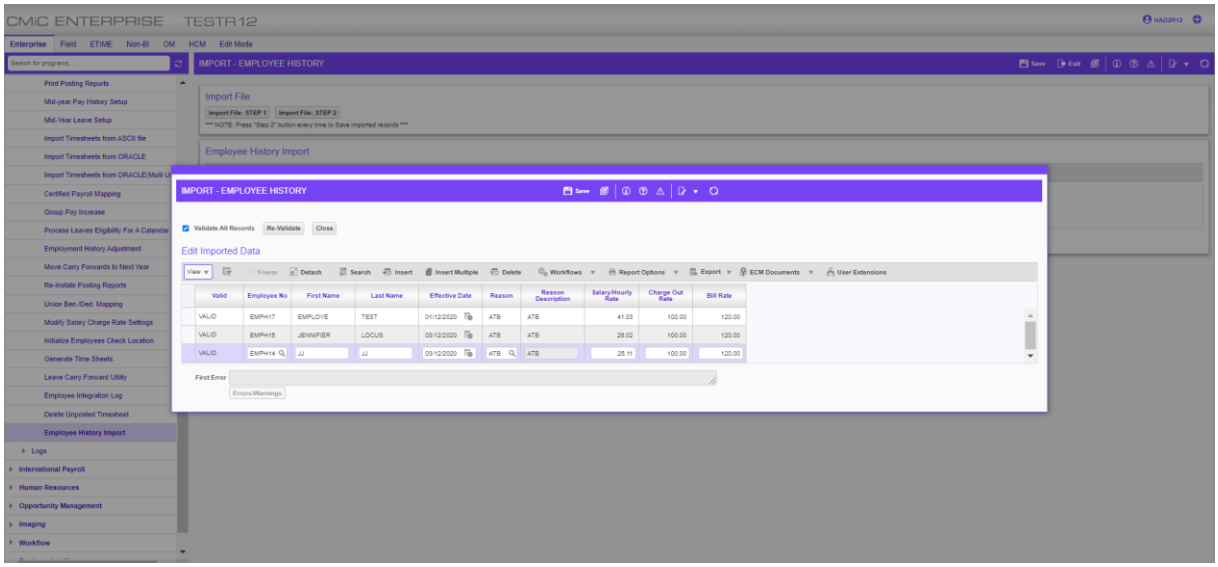
The invalid records need to be corrected before the records can be written to employees’ history.

The “errors/warnings” button show all the errors that need to be corrected.

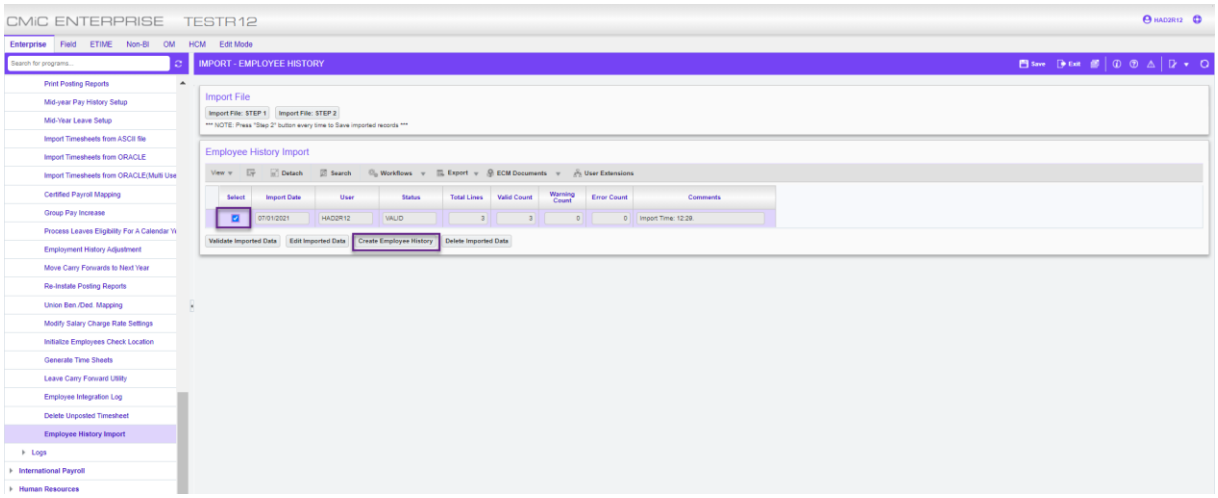
Once corrected click on the “Re-Validate” button to ensure that all errors were corrected.



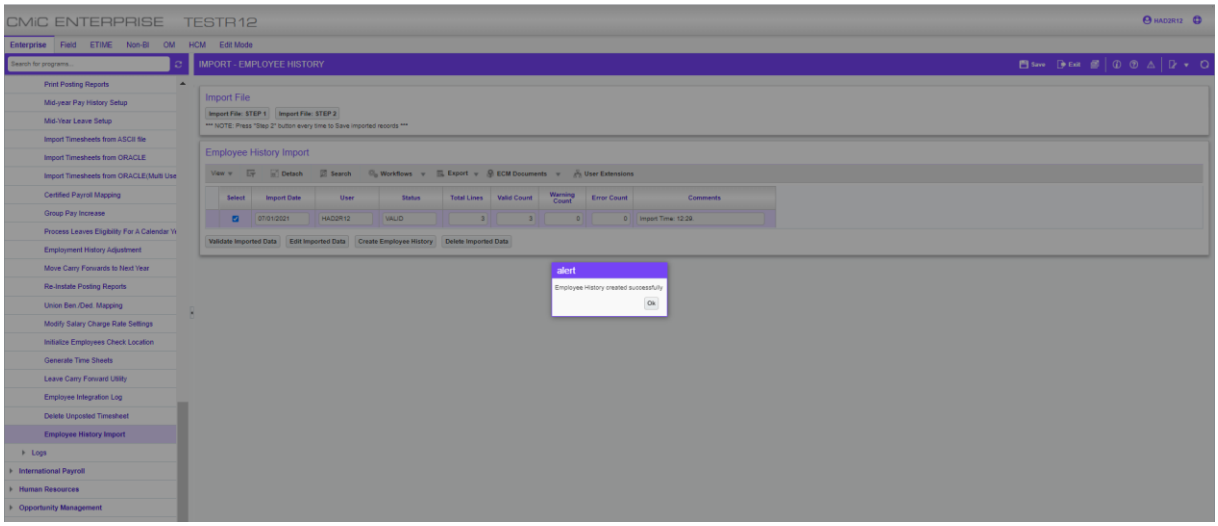
Once all records are validated showing Valid status. Save and close this pop-up window.



Select the file and click “create employee history”.



The following message is displayed on the screen and you can no longer see the imported file.



New T4 Box Codes & Reporting Requirements (20.31003)

Canada Revenue Agency has introduced an additional reporting requirement for the T4 slip for the Tax year 2020. For the tax year 2020, in addition to reporting employment income in Box 14 or Code 71, use new other information codes when reporting employment income and retroactive payments in the following periods:

Other Box Codes 57, 58, 59 and 60 T4 Mapping – There is no requirement to setup the Box Code # 57, 58, 59 and 60 in the T4 mapping parameter screen. The employment income for the below periods and Box Codes are reported based on setup against the Box # 14 (and if applicable Box 71) in the T4 mapping parameter screen.

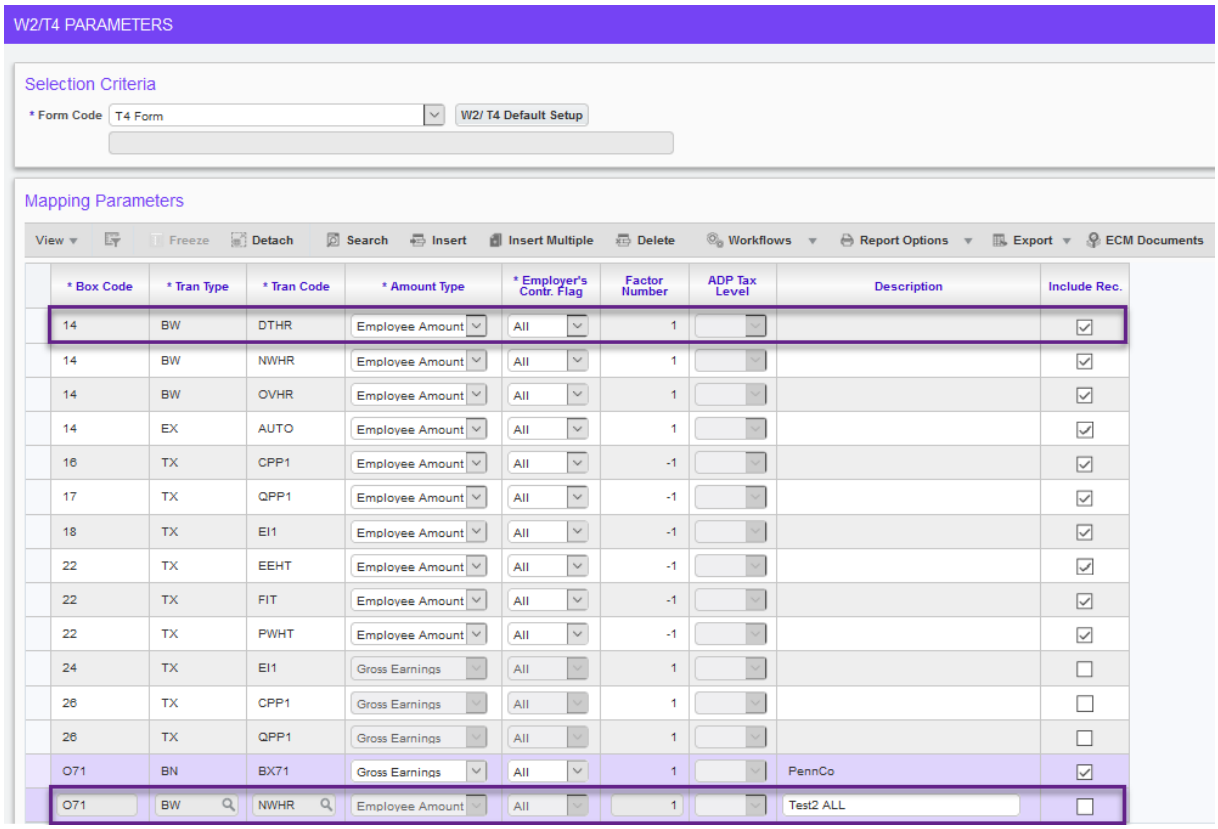
Amount against Box Code # 57, 58, 59 and 60 is already part of Employment Income (Box #14). Reporting employment income is only for the following periods.

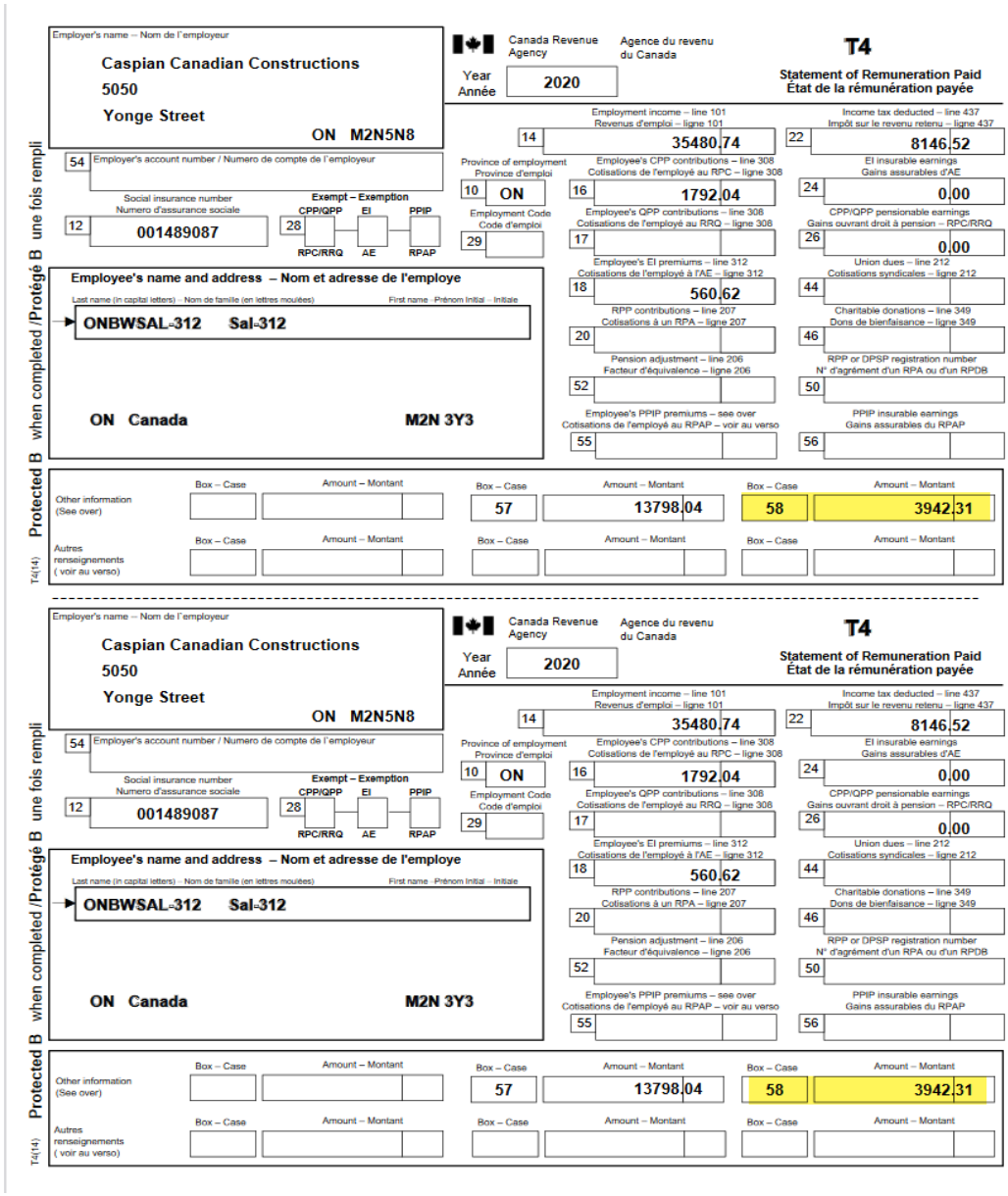
Code 57: Employment income , March 15 to May 9

Code 58: Employment income , May 10 to July 4

Code 59: Employment income , July 5 to August 29

Code 60: Employment income , August 30 to September 26


W2/T4 PARAMETERS
Selection Criteria
* Form Code
T4 Form
W2/ T4 Default Setup
Mapping Parameters
View
Freeze
Detach
Search
Insert
Insert Multiple
Delete
Workflows
Report Options
Export
ECM Documents
* Box Code
* Tran Type
* Tran Code
* Amount Type
* Employer's Contr. Flag
Factor Number
ADP Tax Level
Description
Include Rec.
14 BW DTHR Employee Amount All 1
14 BW NWHR Employee Amount All 1
14 BW OVHR Employee Amount All 1
14 EX AUTO Employee Amount All 1
16 TX CPP1 Employee Amount All -1
17 TX QPP1 Employee Amount All -1
18 TX EI1 Employee Amount All -1
22 TX EEHT Employee Amount All -1
22 TX FIT Employee Amount All -1
22 TX PWHT Employee Amount All -1
24 TX EI1 Gross Earnings All 1
26 TX CPP1 Gross Earnings All 1
26 TX QPP1 Gross Earnings All 1
O71 BN BX71 Gross Earnings All 1 PennCo
O71 BW NWHR Employee Amount All 1 Test2 ALL



Protected B when completed / Protégé B une fois rempli

Employer's name – Nom de l'employeur
Caspian Canadian Constructions
5050
Yonge Street
ON M2N5N8

Canada Revenue Agency / Agence du revenu du Canada

Year / Année 2020

T4
Statement of Remuneration Paid
État de la rémunération payée

54 Employer's account number / Numero de compte de l'employeur

Social insurance number / Numero d'assurance sociale
12 001489087

Exempt – Exemption
28 CPP/QPP | EI | PPIP
RPC/RRQ | AE | RPAP

Province of employment / Province d'emploi
10 ON

Employment Code / Code d'emploi
29

Employee's name and address – Nom et adresse de l'employe
Last name (in capital letters) – Nom de famille (en lettres moulées) | First name – Prénom | Initial – Initiale
ONBWSAL-312 Sal-312

ON Canada M2N 3Y3

14 Employment income – line 101 / Revenus d'emploi – ligne 101: 35480.74
16 Employee's CPP contributions – line 308 / Cotisations de l'employé au RPC – ligne 308: 1792.04
17 Employee's QPP contributions – line 308 / Cotisations de l'employé au RRQ – ligne 308:
18 Employee's EI premiums – line 312 / Cotisations de l'employé à l'AE – ligne 312: 560.62
20 RPP contributions – line 207 / Cotisations à un RPA – ligne 207:
52 Pension adjustment – line 206 / Facteur d'équivalence – ligne 206:
55 Employee's PPIP premiums – see over / Cotisations de l'employé au RPAP – voir au verso:

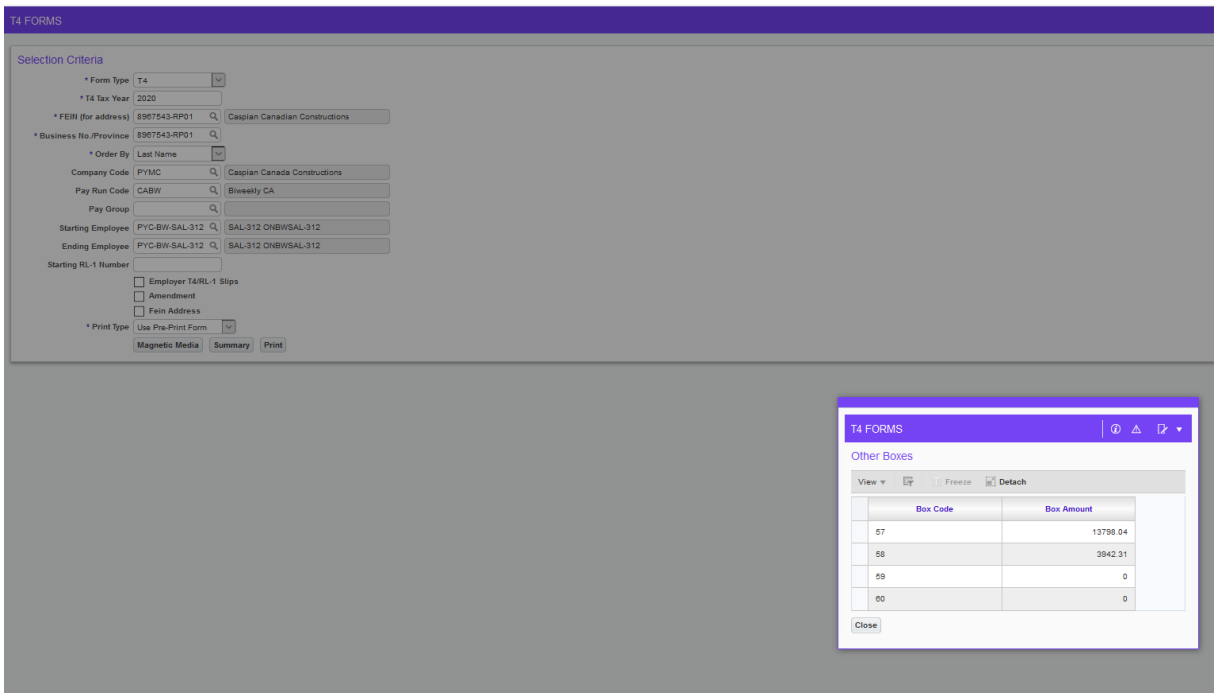
22 Income tax deducted – line 437 / Impôt sur le revenu retenu – ligne 437: 8146.52
24 EI insurable earnings / Gains assurables d'AE: 0.00
26 CPP/QPP pensionable earnings / Gains ouvrant droit à pension – RPC/RRQ: 0.00
44 Union dues – line 212 / Cotisations syndicales – ligne 212:
46 Charitable donations – line 349 / Dons de bienfaisance – ligne 349:
50 RPP or DPSP registration number / N° d'agrément d'un RPA ou d'un RPDB:
56 PPIP insurable earnings / Gains assurables du RPAP:

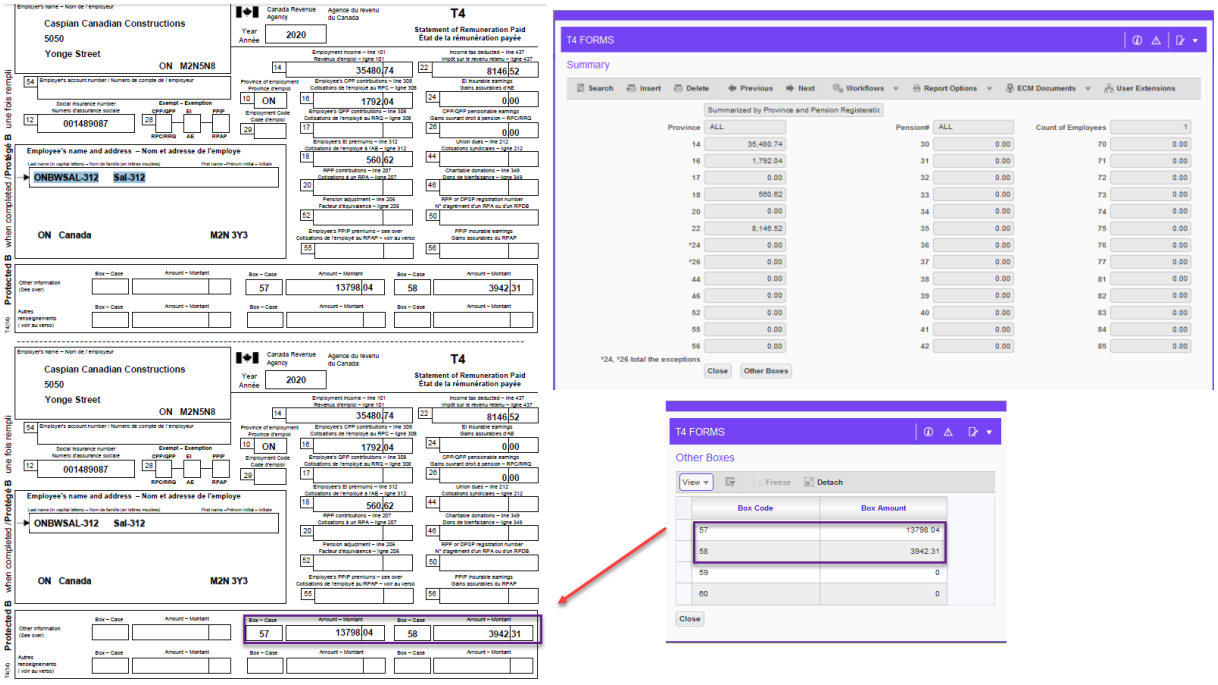
Other information (See over) / Autres renseignements (voir au verso)

Box – Case	Amount – Montant	Box – Case	Amount – Montant	Box – Case	Amount – Montant
		57	13798.04	58	3942.31

T4(14)

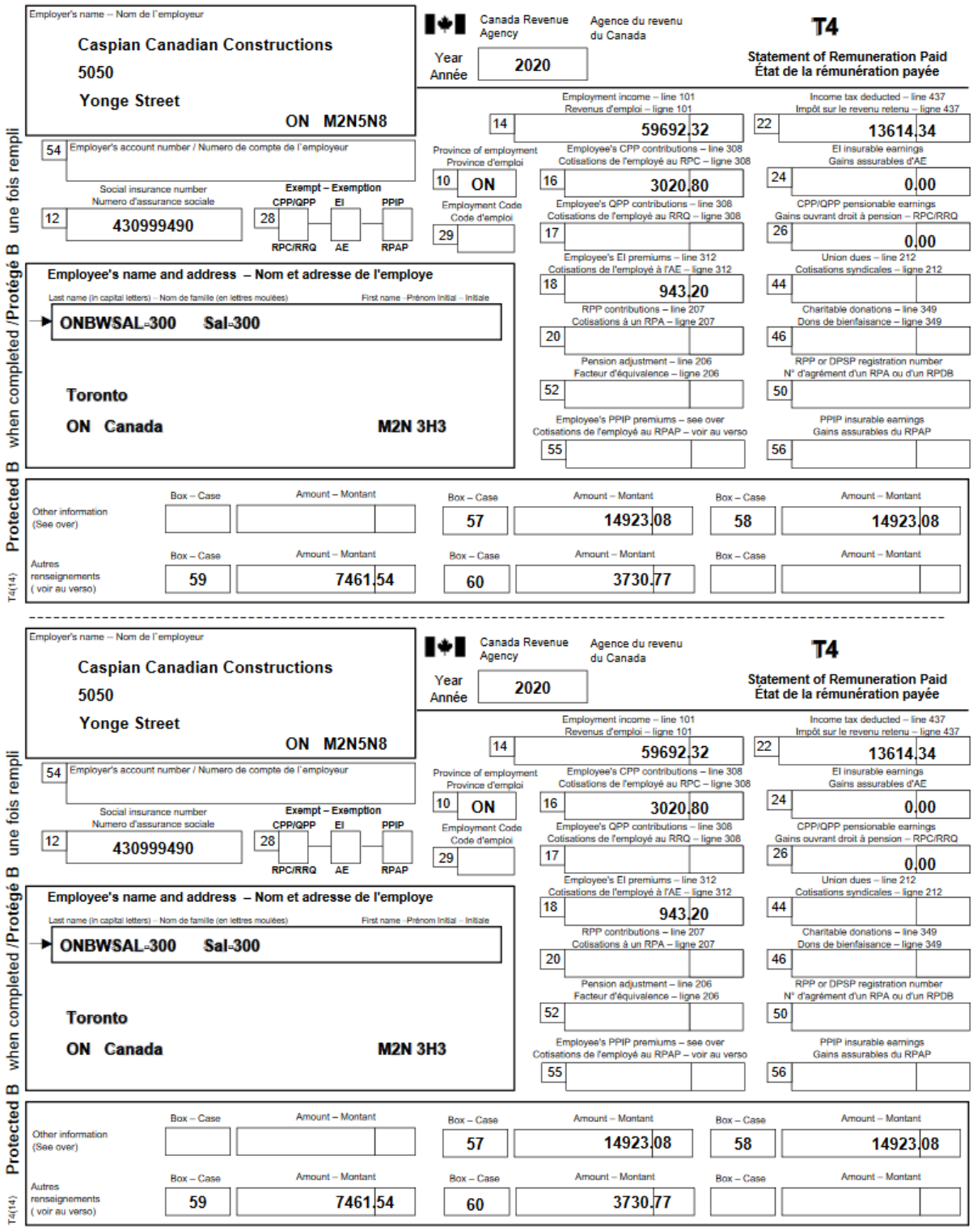
Protected B when completed / Protégé B une fois rempli
Employer's name – Nom de l'employeur
Caspian Canadian Constructions
5050
Yonge Street
ON M2N5N8
Canada Revenue Agency / Agence du revenu du Canada
Year / Année 2020
T4
Statement of Remuneration Paid
État de la rémunération payée
54 Employer's account number / Numero de compte de l'employeur
Social insurance number / Numero d'assurance sociale
12 001489087
Exempt – Exemption
28 CPP/QPP | EI | PPIP
RPC/RRQ | AE | RPAP
Province of employment / Province d'emploi
10 ON
Employment Code / Code d'emploi
29
Employee's name and address – Nom et adresse de l'employe
Last name (in capital letters) – Nom de famille (en lettres moulées) | First name – Prénom | Initial – Initiale
ONBWSAL-312 Sal-312
ON Canada M2N 3Y3
14 Employment income – line 101 / Revenus d'emploi – ligne 101: 35480.74
16 Employee's CPP contributions – line 308 / Cotisations de l'employé au RPC – ligne 308: 1792.04
17 Employee's QPP contributions – line 308 / Cotisations de l'employé au RRQ – ligne 308:
18 Employee's EI premiums – line 312 / Cotisations de l'employé à l'AE – ligne 312: 560.62
20 RPP contributions – line 207 / Cotisations à un RPA – ligne 207:
52 Pension adjustment – line 206 / Facteur d'équivalence – ligne 206:
55 Employee's PPIP premiums – see over / Cotisations de l'employé au RPAP – voir au verso:
22 Income tax deducted – line 437 / Impôt sur le revenu retenu – ligne 437: 8146.52
24 EI insurable earnings / Gains assurables d'AE: 0.00
26 CPP/QPP pensionable earnings / Gains ouvrant droit à pension – RPC/RRQ: 0.00
44 Union dues – line 212 / Cotisations syndicales – ligne 212:
46 Charitable donations – line 349 / Dons de bienfaisance – ligne 349:
50 RPP or DPSP registration number / N° d'agrément d'un RPA ou d'un RPDB:
56 PPIP insurable earnings / Gains assurables du RPAP:
Other information (See over) / Autres renseignements (voir au verso)
Box – Case | Amount – Montant | Box – Case | Amount – Montant | Box – Case | Amount – Montant
57 | 13798.04 | 58 | 3942.31
T4(14)


T4 FORMS
Selection Criteria
* Form Type T4
* T4 Tax Year 2020
* FEIN (for address) 8967543-RP01 Caspian Canadian Constructions
* Business No./Province 8967543-RP01
* Order By Last Name
Company Code PYMC Caspian Canada Constructions
Pay Run Code CABW Biweekly CA
Pay Group
Starting Employee PYC-BW-SAL-312 SAL-312 ONBWSAL-312
Ending Employee PYC-BW-SAL-312 SAL-312 ONBWSAL-312
Starting RL-1 Number
Employer T4/RL-1 Slips
Amendment
Fein Address
* Print Type Use Pre-Print Form
Magnetic Media
Summary
Print
T4 FORMS
Other Boxes
View
Freeze
Detach
Box Code
Box Amount
57 13798.04
58 3942.31
59 0
60 0
Close


Caspian Canadian Constructions
5050
Yonge Street
ON M2N5N8
Canada Revenue Agency
Agence du revenu du Canada
T4
Statement of Remuneration Paid
État de la rémunération payée
Year
Année
2020
Employment income – line 101
Revenu d'emploi – ligne 101
35480.74
Income tax deducted – line 437
Impôt sur le revenu retenu – ligne 437
8146.52
Province of employment
Province d'emploi
ON
1792.04
0.00
Employer's account number / Numéro de compte de l'employeur
Social insurance number
Numéro d'assurance sociale
001489087
Employee's name and address – Nom et adresse de l'employé
ONBWSAL-312 Sal-312
ON Canada M2N 3Y3
560.62
0.00
8146.52
Box – Case
Amount – Montant
57 13798.04
58 3942.31
Other information
Autres renseignements
Protected B when completed / Protégé B une fois rempli
T4(19)

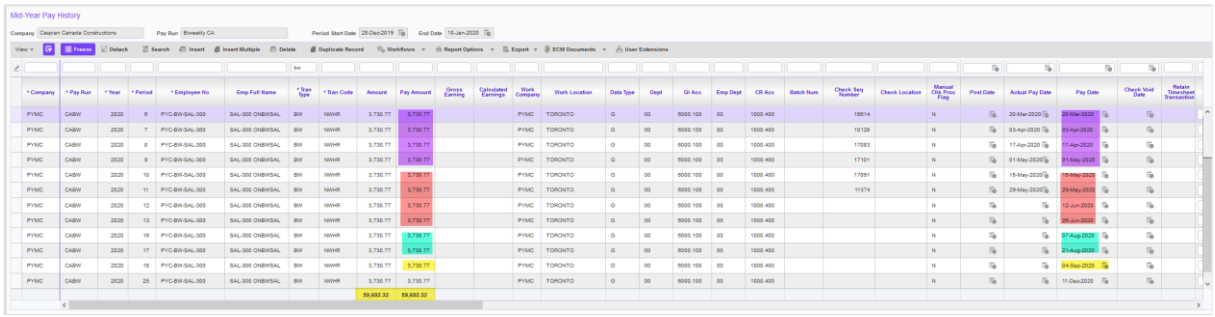
T4 FORMS
Summary
Search
Insert
Delete
Previous
Next
Workflows
Report Options
ECM Documents
User Extensions
Summarized by Province and Pension Registeratic
Province ALL
Pension# ALL
Count of Employees
14 35,480.74
16 1,792.04
17 0.00
18 560.62
20 0.00
22 8,146.52
*24 0.00
*26 0.00
44 0.00
46 0.00
52 0.00
55 0.00
56 0.00
30 0.00
31 0.00
32 0.00
33 0.00
34 0.00
35 0.00
36 0.00
37 0.00
38 0.00
39 0.00
40 0.00
41 0.00
42 0.00
70 0.00
71 0.00
72 0.00
73 0.00
74 0.00
75 0.00
76 0.00
77 0.00
81 0.00
82 0.00
83 0.00
84 0.00
85 0.00
*24, *26 total the exceptions
Close
Other Boxes

T4 FORMS
Other Boxes
View
Freeze
Detach
Box Code
Box Amount
57 13798.04
58 3942.31
59 0
60 0
Close



Protected B when completed / Protégé B une fois rempli
Employer's name – Nom de l'employeur
Caspian Canadian Constructions
5050
Yonge Street
ON M2N5N8
54 Employer's account number / Numero de compte de l'employeur
Social insurance number
Numero d'assurance sociale
12 430999490
Exempt – Exemption
CPP/QPP EI PPIP
28
RPC/RRQ AE RPAP
Canada Revenue Agency
Agence du revenu du Canada
T4
Statement of Remuneration Paid
État de la rémunération payée
Year Année 2020
Province of employment
Province d'emploi
10 ON
Employment Code
Code d'emploi
29
14 Employment income – line 101
Revenus d'emploi – ligne 101
59692.32
16 Employee's CPP contributions – line 308
Cotisations de l'employé au RPC – ligne 308
3020.80
17 Employee's QPP contributions – line 308
Cotisations de l'employé au RRQ – ligne 308
18 Employee's EI premiums – line 312
Cotisations de l'employé à l'AE – ligne 312
943.20
20 RPP contributions – line 207
Cotisations à un RPA – ligne 207
52 Pension adjustment – line 206
Facteur d'équivalence – ligne 206
55 Employee's PPIP premiums – see over
Cotisations de l'employé au RPAP – voir au verso
22 Income tax deducted – line 437
Impôt sur le revenu retenu – ligne 437
13614.34
24 EI insurable earnings
Gains assurables d'AE
0.00
26 CPP/QPP pensionable earnings
Gains ouvrant droit à pension – RPC/RRQ
0.00
44 Union dues – line 212
Cotisations syndicales – ligne 212
46 Charitable donations – line 349
Dons de bienfaisance – ligne 349
50 RPP or DPSP registration number
N° d'agrément d'un RPA ou d'un RPDB
56 PPIP insurable earnings
Gains assurables du RPAP
Employee's name and address – Nom et adresse de l'employe
Last name (in capital letters) – Nom de famille (en lettres moulées)
First name – Prénom Initial – Initiale
ONBWSAL-300 Sal-300
Toronto
ON Canada M2N 3H3
Other information (See over)
Autres renseignements (voir au verso)
Box – Case
Amount – Montant
57 14923.08
58 14923.08
59 7461.54
60 3730.77
T4(14)

Pay Periods Paid

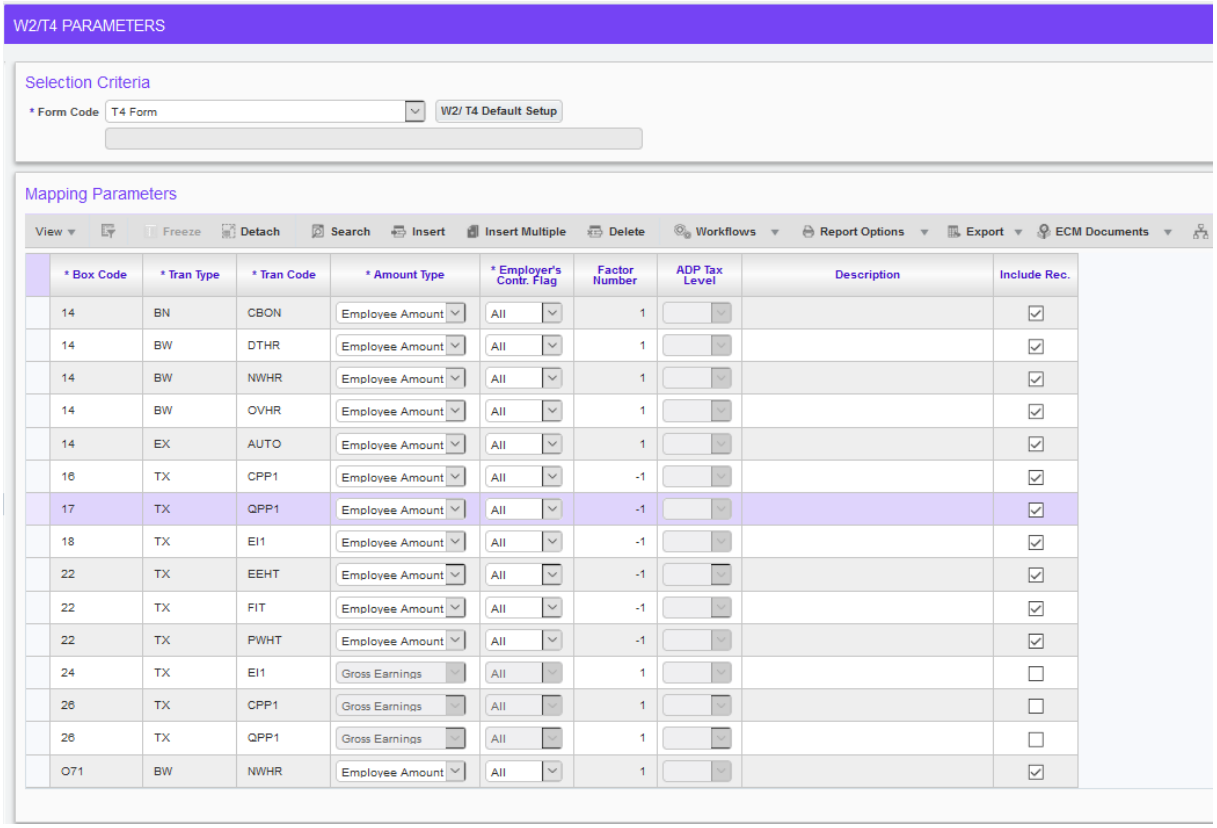


T4 XML File generated

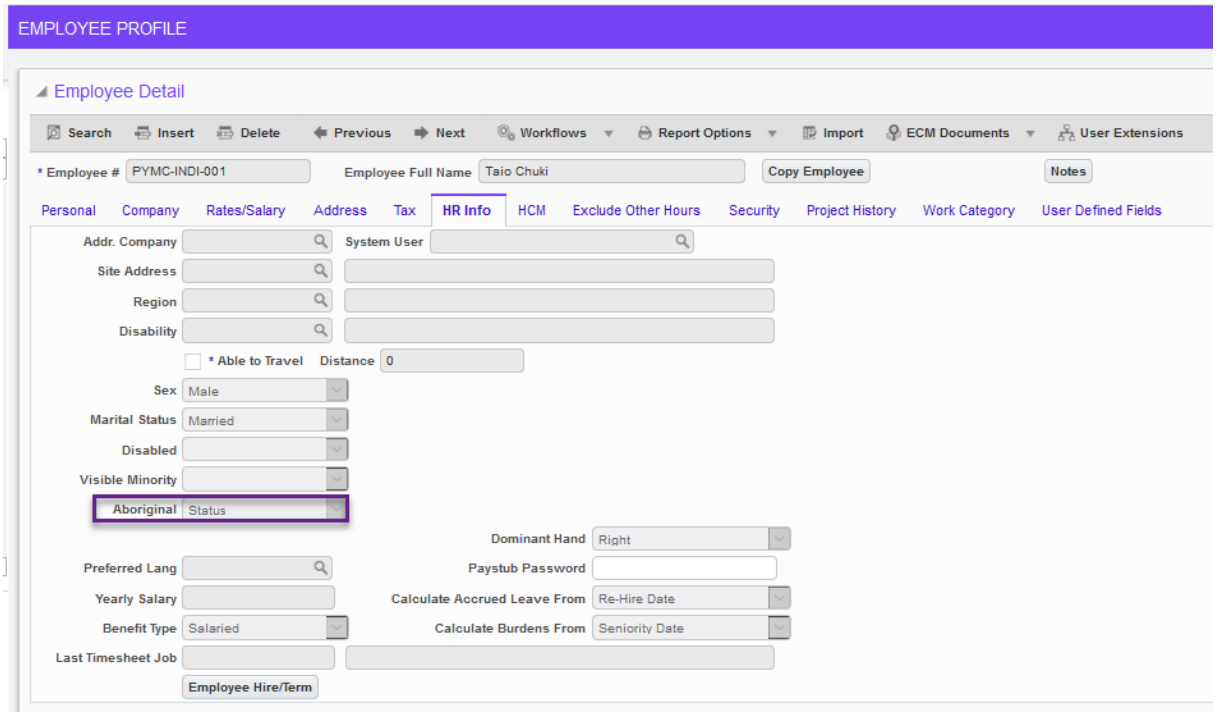
```
−<T4Slip>
  −<EMPE_NM>
      <snm>ONBWSAL-300</snm>
      <gvn_nm>SAL-300</gvn_nm>
    </EMPE_NM>
  −<EMPE_ADDR>
      <cty_nm>Toronto</cty_nm>
      <prov_cd>ON</prov_cd>
      <cntry_cd>CAN</cntry_cd>
      <pstl_cd>M2N3H3</pstl_cd>
    </EMPE_ADDR>
    <sin>430999490</sin>
    <empe_nbr>PYC-BW-SAL-300</empe_nbr>
    <bn>8967543-RP01</bn>
    <rpp_dpsp_rgst_nbr>0000000</rpp_dpsp_rgst_nbr>
    <cpp_qpp_xmpt_cd>0</cpp_qpp_xmpt_cd>
    <ei_xmpt_cd>0</ei_xmpt_cd>
    <prov_pip_xmpt_cd>0</prov_pip_xmpt_cd>
    <rpt_tcd>O</rpt_tcd>
    <empt_prov_cd>ON</empt_prov_cd>
  −<T4_AMT>
      <empt_incamt>59692.32</empt_incamt>
      <cpp_cntrb_amt>3020.80</cpp_cntrb_amt>
      <empe_eip_amt>943.20</empe_eip_amt>
      <itx_ddct_amt>13614.34</itx_ddct_amt>
    </T4_AMT>
  −<OTH_INFO>
      <empt_inc_amt_covid_prd1>14923.08</empt_inc_amt_covid_prd1>
      <empt_inc_amt_covid_prd2>14923.08</empt_inc_amt_covid_prd2>
      <empt_inc_amt_covid_prd3>7461.54</empt_inc_amt_covid_prd3>
      <empt_inc_amt_covid_prd4>3730.77</empt_inc_amt_covid_prd4>
    </OTH_INFO>
  </T4Slip>
−<T4Slip>
```

Box 71 – T4 Generation for Employee with an Aboriginal Status in Employee Profile

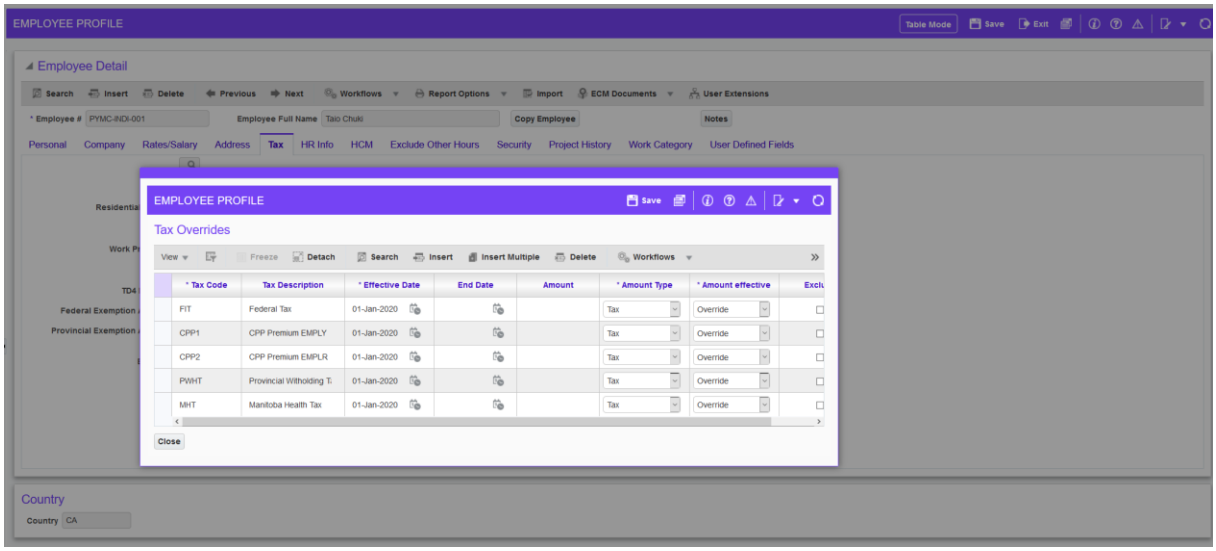
T4 Mapping is required to generate Box 71. Users need to map Box O71 to the transaction types.



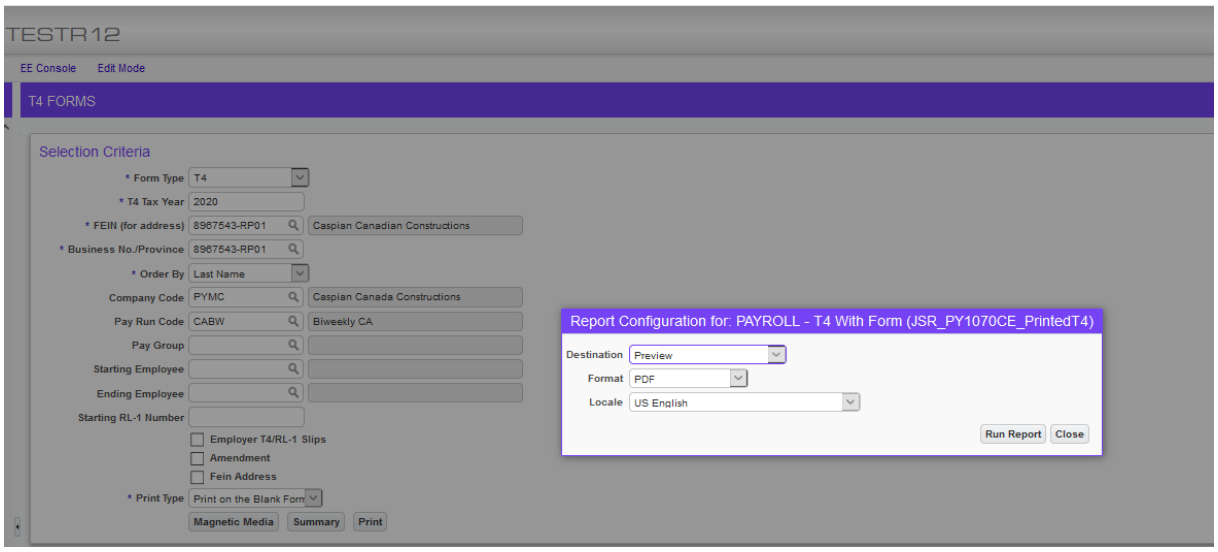
Employee profile setup



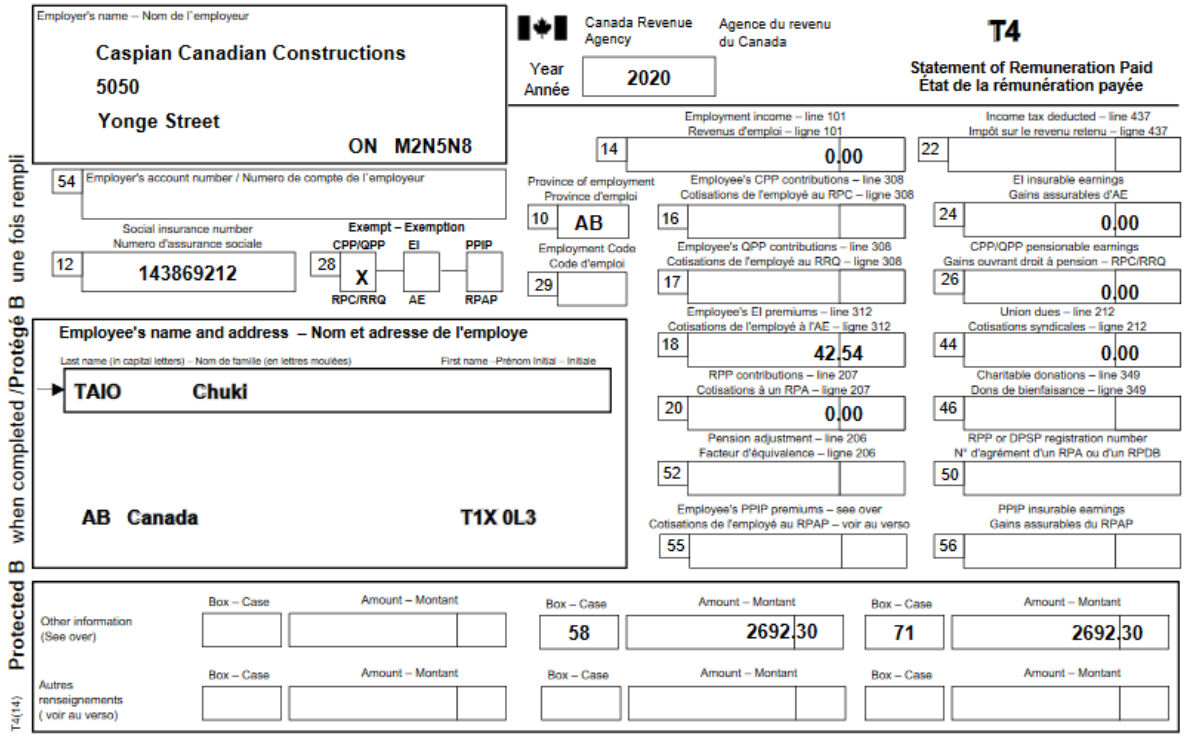
Tax Overrides



Employment earned income for period 10 and 11 in Year 2020



Generated T4 – Box 71 should report employment income and box 14 should report 0.00



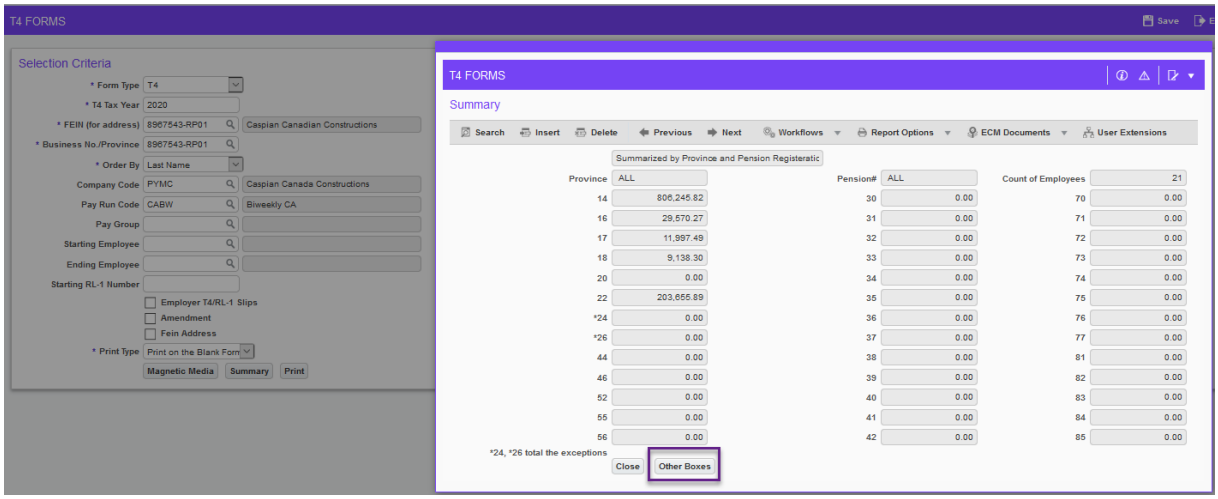
T4 XML including the Box 71 Employment Income earned. The income was earned in Box 71 falls into COVID Period 2, box 58.

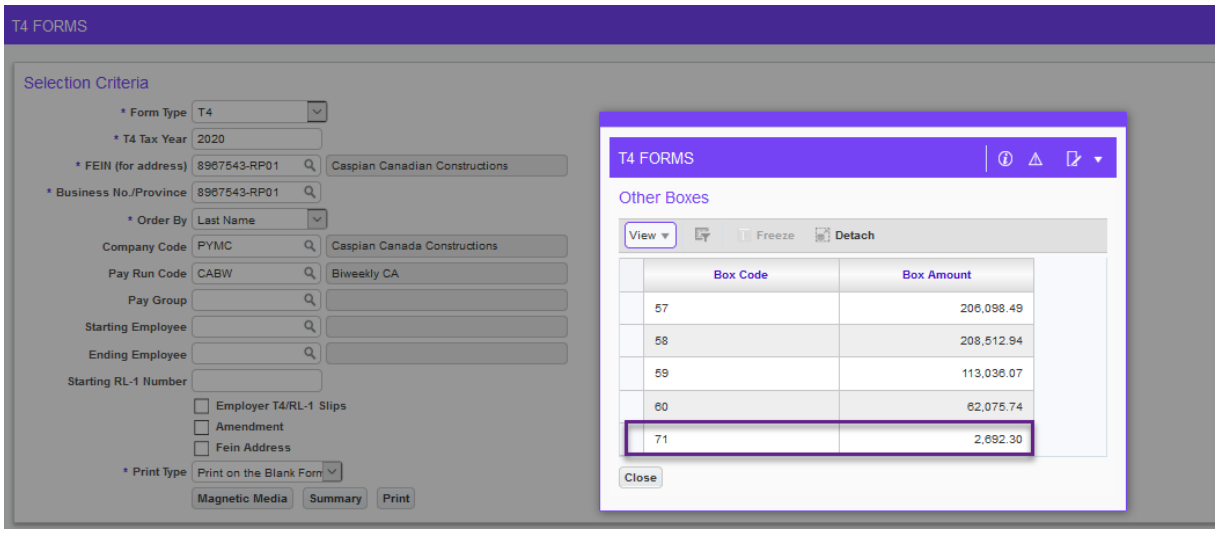
Box 58 is also reported.

```
    </OTH_INFO>
  </T4Slip>
 -<T4Slip>
  -<EMPE_NM>
     <snm>Taio</snm>
     <gvn_nm>Chuki</gvn_nm>
   </EMPE_NM>
  -<EMPE_ADDR>
     <prov_cd>AB</prov_cd>
     <cntry_cd>CAN</cntry_cd>
     <pstl_cd>T1X0L3</pstl_cd>
   </EMPE_ADDR>
   <sin>143869212</sin>
   <empe_nbr>PYMC-INDI-001</empe_nbr>
   <bn>8967543-RP01</bn>
   <rpp_dpsp_rgst_nbr>0000000</rpp_dpsp_rgst_nbr>
   <cpp_qpp_xmpt_cd>1</cpp_qpp_xmpt_cd>
   <ei_xmpt_cd>0</ei_xmpt_cd>
   <prov_pip_xmpt_cd>0</prov_pip_xmpt_cd>
   <rpt_tcd>O</rpt_tcd>
   <empt_prov_cd>AB</empt_prov_cd>
  -<T4_AMT>
     <empe_eip_amt>42.54</empe_eip_amt>
   </T4_AMT>
  -<OTH_INFO>
     <empt_inc_amt_covid_prd2>2692.30</empt_inc_amt_covid_prd2>
     <indn_empe_amt>2692.30</indn_empe_amt>
   </OTH_INFO>
 </T4Slip>
```

T4 FORMS Summary

T4 FORMS Summary report generated for all the printed T4's for all provinces. Including Other Boxes 57, 58, 59 and 60 with Box 71.





Trustmark National Bank ACH Bank Format File (20.34398)

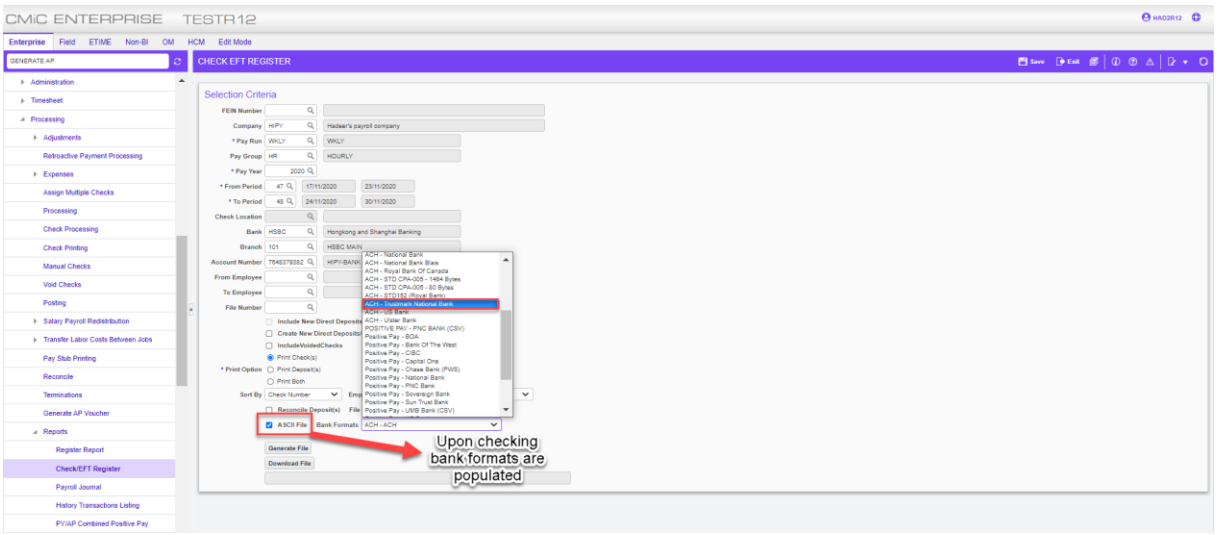
CMIC has added a new ACH Bank Format File - Trustmark national bank to the check/EFT Register screen.

Pre-requisites

Payroll Processing, Check Processing, and Check Printing needs to be processed before printing Check/EFT Register report.

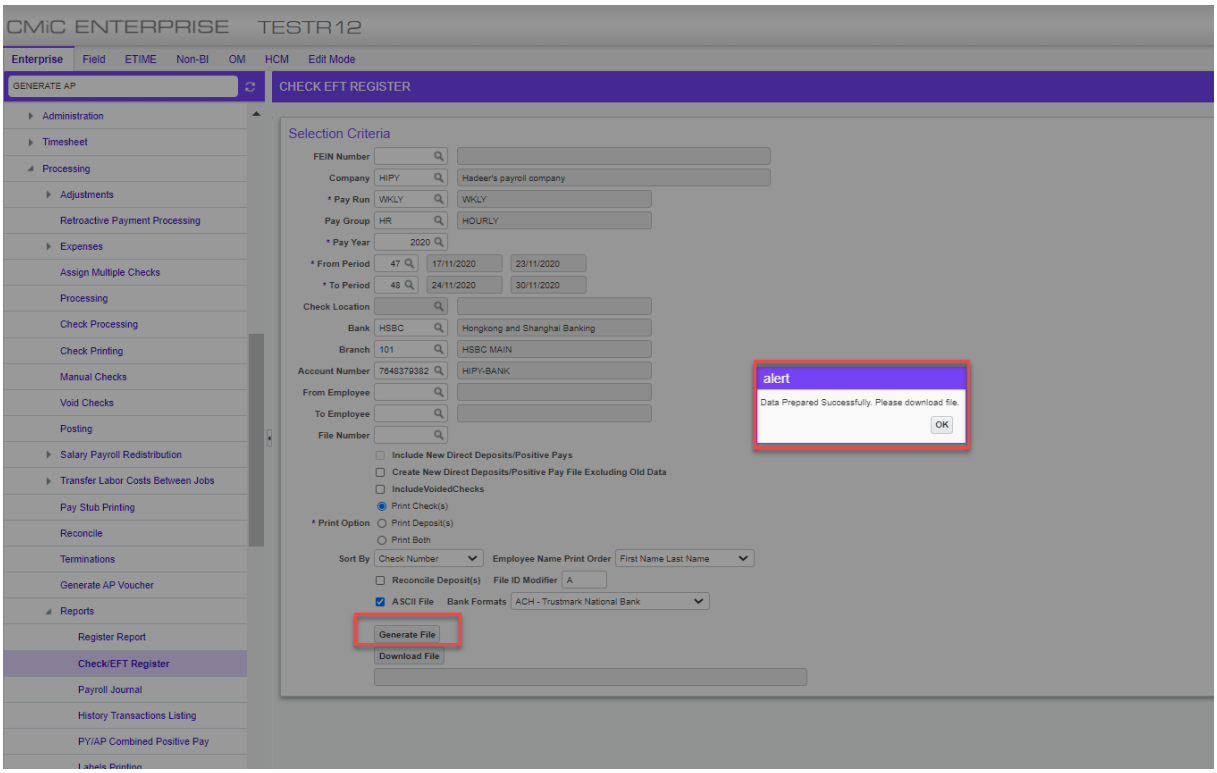
Modifications

After filling the required fields on the Check/EFT Register page. Upon checking ASCII File option>Bank Formats become active and a drop-down window is generated with a list of banks. As seen in the following screenshot the Trustmark National Bank is now one of those selections in the LOV.

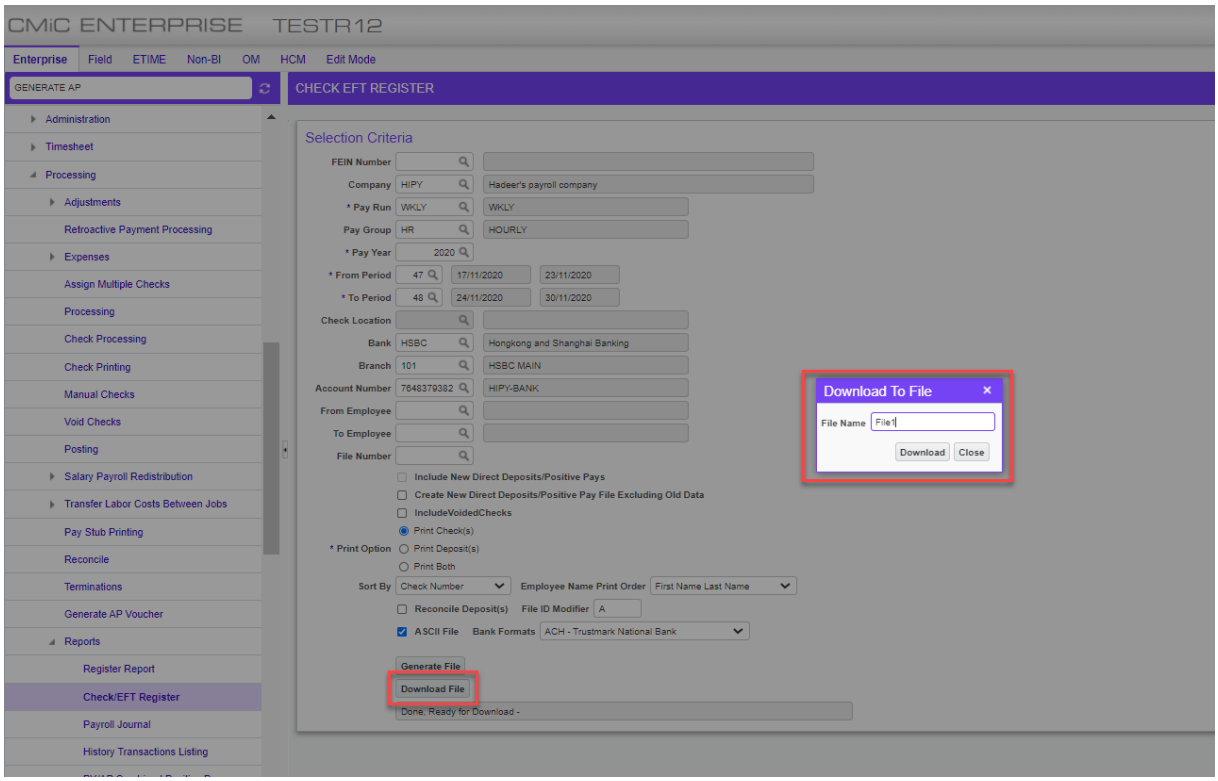


Implementation

Upon selecting ACH- Trustmark National Bank the format of the report will change accordingly. Use the following steps on how to print this bank format: Click on “Generate File” to generate data with the new bank format.

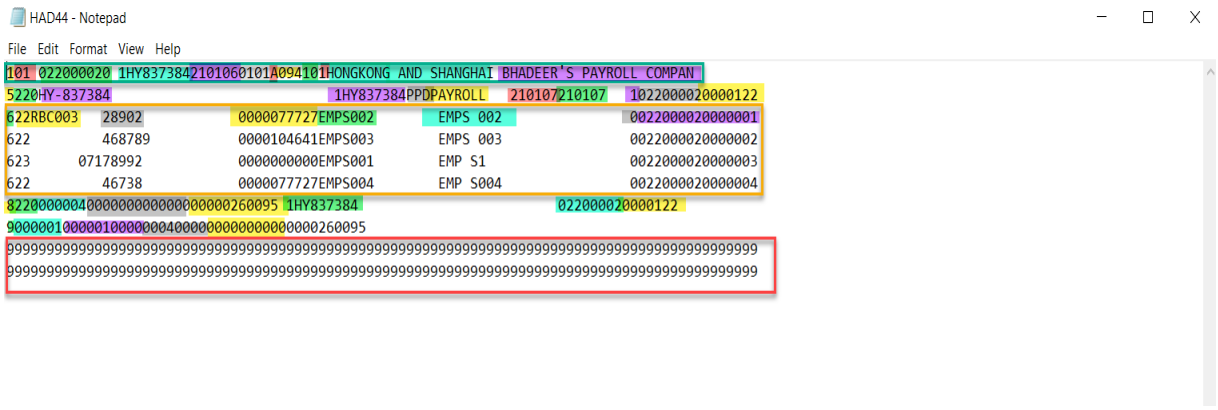


Once the alert pops up with successful data preparation. Press ok then download the file.



Add a file name then press download. A (.txt) File with this format will be generated.

Validated based on the ACH record format description on page 4-6.

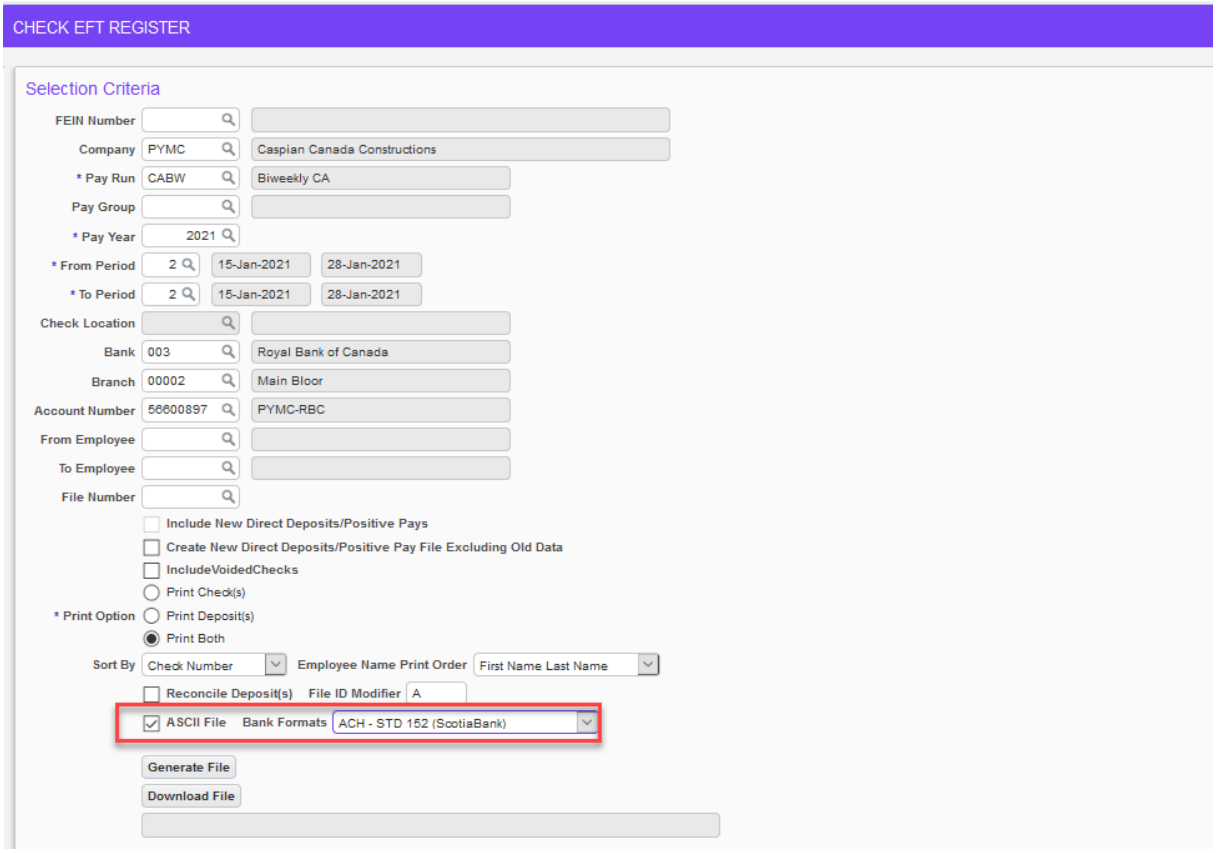


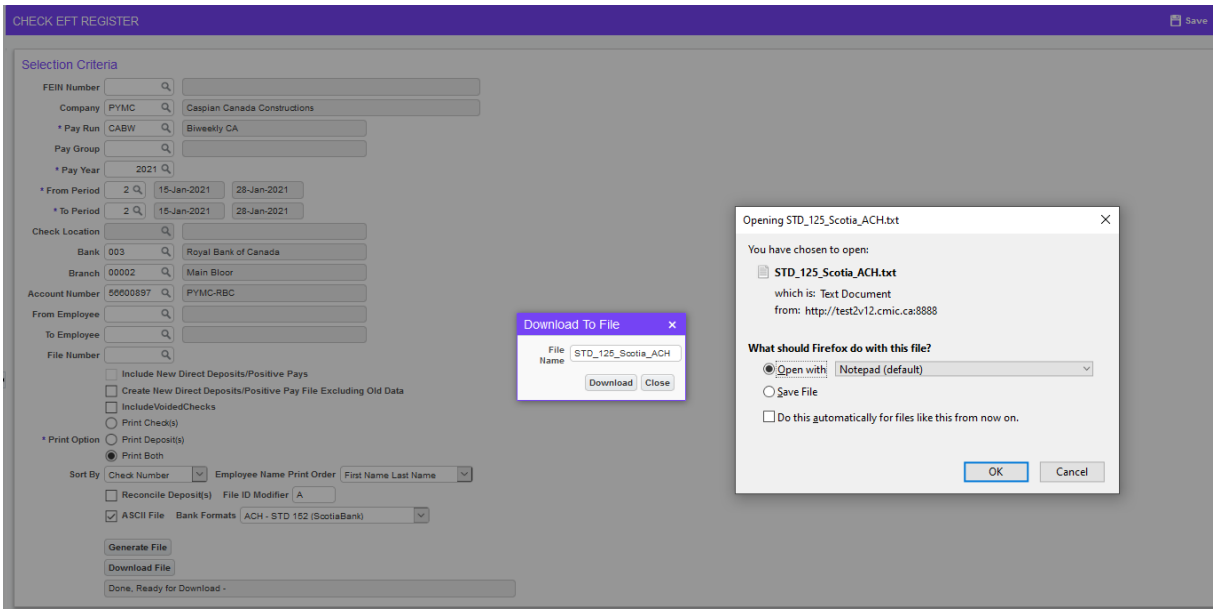
Scotia Bank ACH Bank Format File (STD-152) (20.36363)

CMIC has added a new ACH Bank Format File – Scotia Bank (Standard 152) to check/EFT Register screen.

Pre-requisites

Banking setups and mapping, Payroll Processing, Check Processing, and Check Printing needs to be processed before printing Check/EFT Register report.


CHECK EFT REGISTER
Selection Criteria
FEIN Number
Company PYMC Caspian Canada Constructions
* Pay Run CABW Biweekly CA
Pay Group
* Pay Year 2021
* From Period 2 15-Jan-2021 28-Jan-2021
* To Period 2 15-Jan-2021 28-Jan-2021
Check Location
Bank 003 Royal Bank of Canada
Branch 00002 Main Bloor
Account Number 56600897 PYMC-RBC
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 ACH - STD 152 (ScotiaBank)
Generate File
Download File


CHECK EFT REGISTER
Save
Selection Criteria
Download To File
File Name STD_125_Scotia_ACH
Download
Close
Opening STD_125_Scotia_ACH.txt
You have chosen to open:
STD_125_Scotia_ACH.txt
which is: Text Document
from: http://test2v12.cmic.ca:8888
What should Firefox do with this file?
Open with Notepad (default)
Save File
Do this automatically for files like this from now on.
OK
Cancel
Generate File
Download File
Done, Ready for Download -

STD_125_Scotia_ACH.txt - Notepad

File Edit Format View Help

```
000001AHDR1778094    Caspian Canada Constructions  2021027CAD1
000002C2001778094     PYC-BW-SAL400      01003 00002478993          0000151052     2021028SAL 400                    E Caspian Canada     CAN    N
000003C2001778094     PYC-BW-SAL401      01003 0000247899           0000124013     2021028SAL 401                    E Caspian Canada     CAN    N
000004C2001778094     PYC-BW-SAL402      01003 00002468992          0000124013     2021028SAL 402                    E Caspian Canada     CAN    N
000005C2001778094     PYC-BW-SAL-300     01003 00002777400029       0000263573     2021028SAL-300 ONBWSAL-300        E Caspian Canada     CAN    N
000006C2001778094     PYC-BW-SAL-302     01003 0000274185296310     0000448417     2021028SAL-302 ONBWSAL-302        E Caspian Canada     CAN    N
000007C2001778094     PYC-BW-SAL-303     01003 0000295124736980     0000475108     2021028SAL-303 ONBWSAL-303        E Caspian Canada     CAN    N
000008C2001778094     PYC-BW-SAL-101     01001 03    5560106        0000287393     2021028SAL-101 QCBWSAL-101        E Caspian Canada     CAN    N
000009ZTRL1778094    0000070000000187356900000000000000000000000000
```

PAYROLL - PAYCHECKS LISTING FOR EMPLOYEE

Page: 1 of 2
Date: Jan 27, 2021
Time: 6:29 PM EST

Employee	Type	Void	Check/EFT Number	Check/Void Date	Description	Amount Employee Deposit Bank & Account	Issuing Bank Branch & Account
FEIN: 8967543-RP01 - Caspian Canadian			Company:	PYMC	- Caspian Canada		
PYC-BW-SAL400 SAL 400	Salaried		17	012821	Direct Deposit in Bank	1,510.52 003 00002 478993	003 00002 56600897
PYC-BW-SAL401 SAL 401	Salaried		18	012821	Direct Deposit in Bank	1,240.13 003 00002 47899	003 00002 56600897
PYC-BW-SAL402 SAL 402	Salaried		19	012821	Direct Deposit in Bank	1,240.13 003 00002 468992	003 00002 56600897
PYC-BW-SAL-300 SAL-300 ONBWSAL-300	Salaried		20	012821	Direct Deposit in Bank	2,635.73 003 00002 777400029	003 00002 56600897
PYC-BW-SAL-302 SAL-302 ONBWSAL-302	Salaried		21	012821	Direct Deposit in Bank	4,484.17 003 00002 74185296310	003 00002 56600897
PYC-BW-SAL-303 SAL-303 ONBWSAL-303	Salaried		22	012821	Direct Deposit in Bank	4,751.08 003 00002 95124736980	003 00002 56600897
PYC-BW-SAL-101 SAL-101 QCBWSAL-101	Salaried		23	012821	Direct Deposit in Bank	2,873.93 001 03 5560106	003 00002 56600897
PYC-BW-SAL-309 SAI-309 BCBWSAL-309	Salaried		103	012821	Check Issued	2,636.84	003 00002 56600897
PYC-BW-SAL-310 SAL-310 NSBWSAL-310	Salaried		104	012821	Check Issued	812.59	003 00002 56600897
PYC-BW-SAL-311 SAL-311 NSBWSAL-311	Salaried		105	012821	Check Issued	1,770.03	003 00002 56600897
PYC-BW-SAL-305 SAL-305 ONBWSAL-305	Salaried		106	012821	Check Issued	3,656.93	003 00002 56600897
PYC-BW-SAL-306 SAL-306 ONBWSAL-306	Salaried		107	012821	Check Issued	2,267.84	003 00002 56600897
PYC-BW-SAL-307 SAL-307 ONBWSAL-307	Salaried		108	012821	Check Issued	2,981.05	003 00002 56600897
PYC-BW-SAL-308 SAL-308 ONBWSAL-308	Salaried		109	012821	Check Issued	2,175.52	003 00002 56600897
PYC-BW-SAL-312 SAL-312 ONBWSAL-312	Salaried		110	012821	Check Issued	2,742.78	003 00002 56600897
PYC-BW-SAL-304 SAL-304 QCBWSAL-304	Salaried		111	012821	Check Issued	4,497.65	003 00002 56600897

Issued Direct Deposits

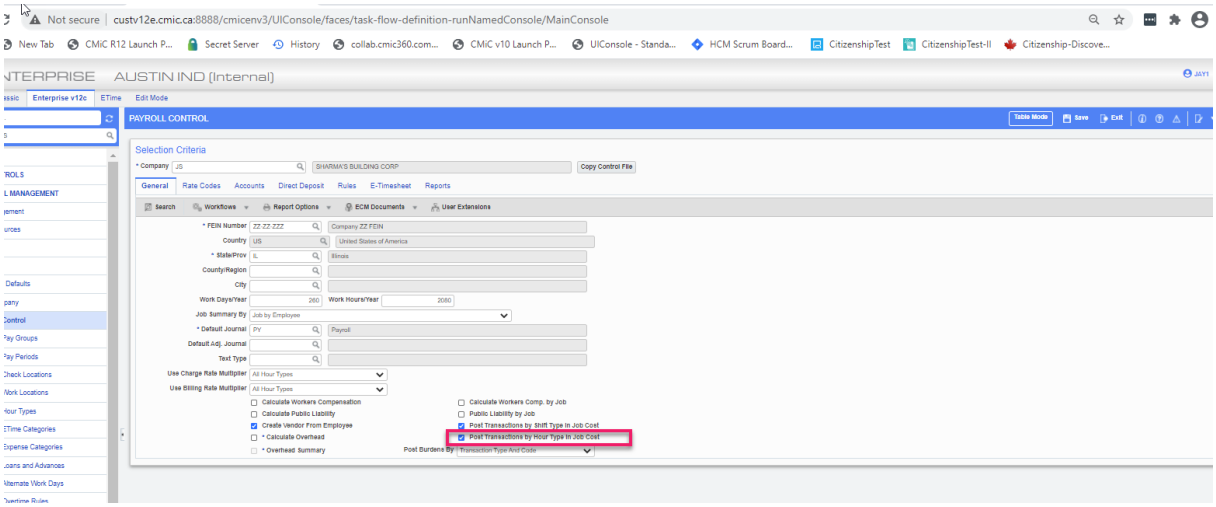
Show Payroll Post Update on JC Detail + Premium (20.23960)

1) Rate Code can be assigned to individual Other Hour types to enable calculation of pay rate by specific other hour code used on Timesheets. This provides the flexibility to setup different premiums for different Other Hour codes.

2) Job Premium Rate Policies can be created to override the default rate code definition, which allows setting up of different rate code definitions for different jobs as each job can be assigned a policy of its own

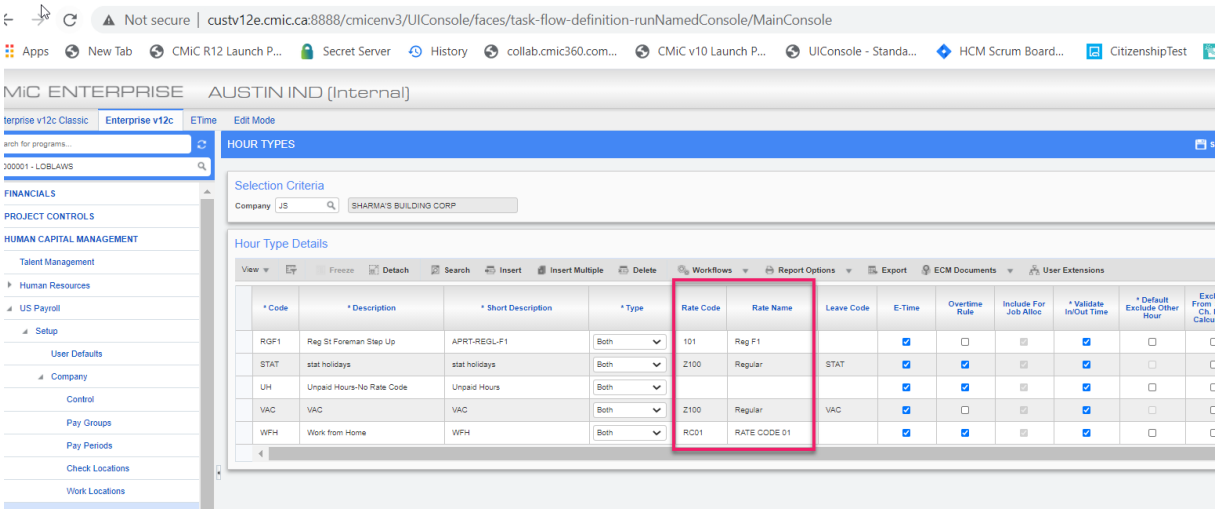
Pre-requisites

1) Flag Post Transactions by Hour Type in Job Cost should be enabled in Company Control (US Payroll>>Setup>>Company>>Control)

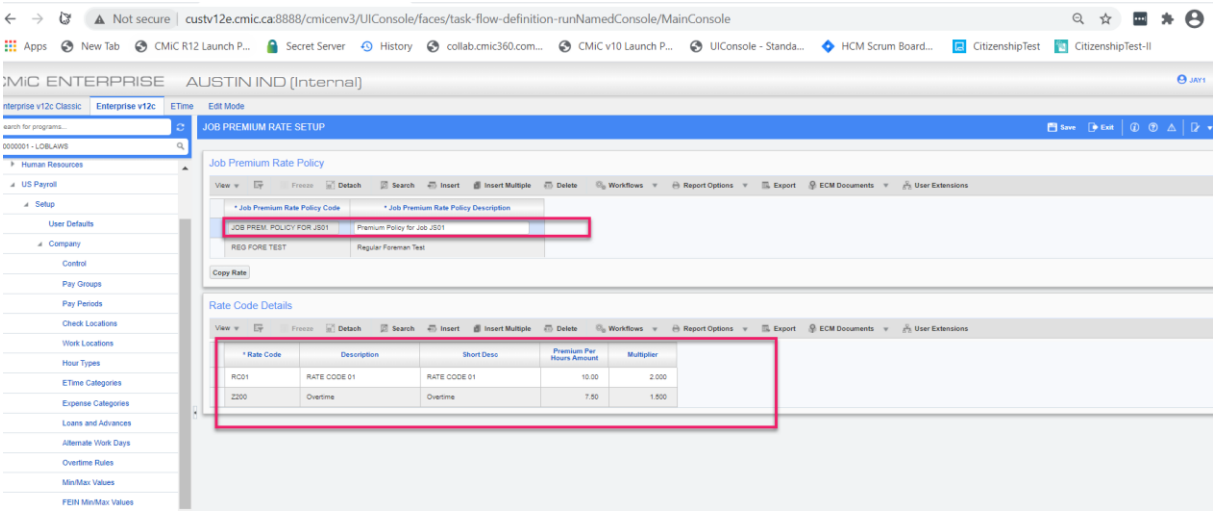


Modifications

1) Columns **Rate Code, Rate Name** have been added on **Hour Types** program (US Payroll>>Setup>>Company>>Hour Types). This allows users to assign Rate Codes to individual other Hour Types:



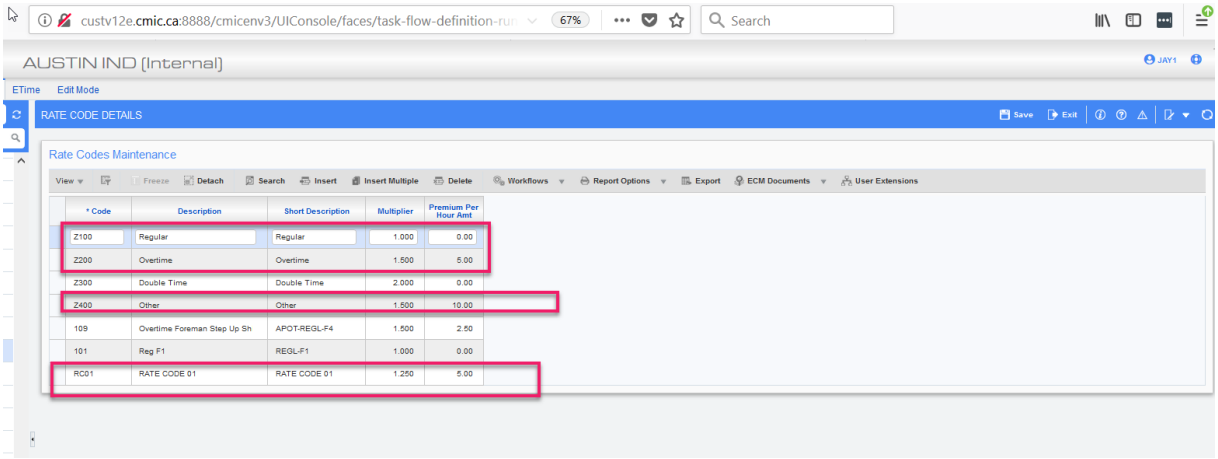
2) A new program **Job Premium Rate Setup** (US Payroll>>Setup>>Jobs>>Job Premium Rate Setup) has been created to allow users to create a Job Premium Rate Policy, which can then be assigned to individual jobs:



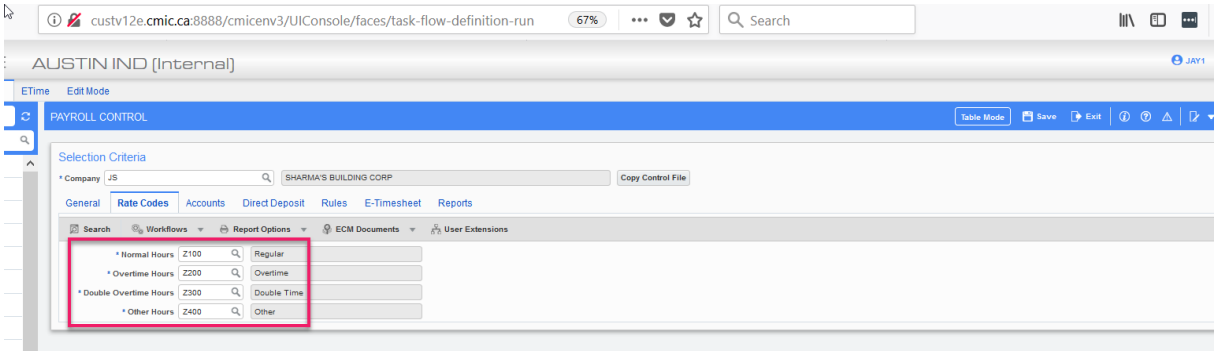
Implementation

A) The following example demonstrates how Rate Codes can be assigned to individual Other Hour types to calculate pay rates accordingly on Timesheet Entry:

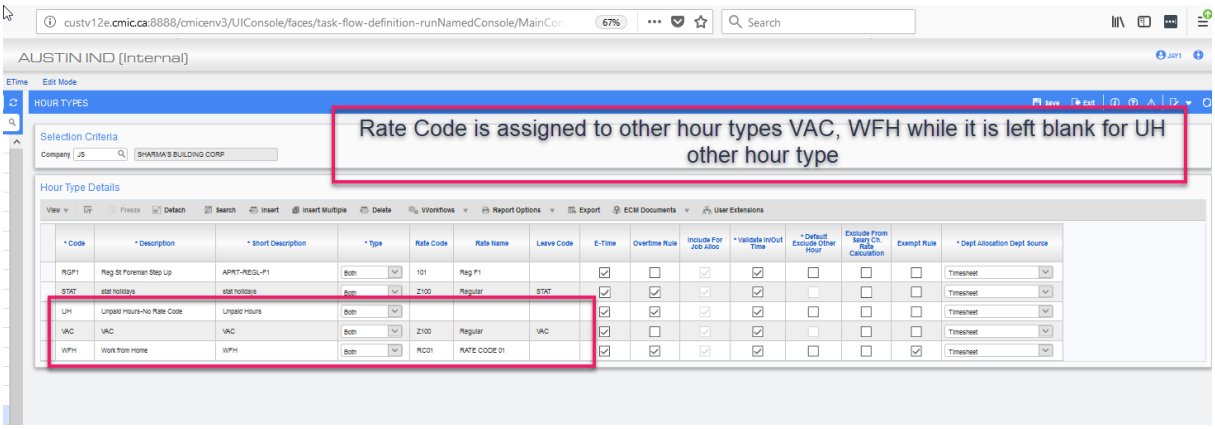
Step 1: Create Rate Codes on Rate Codes program:



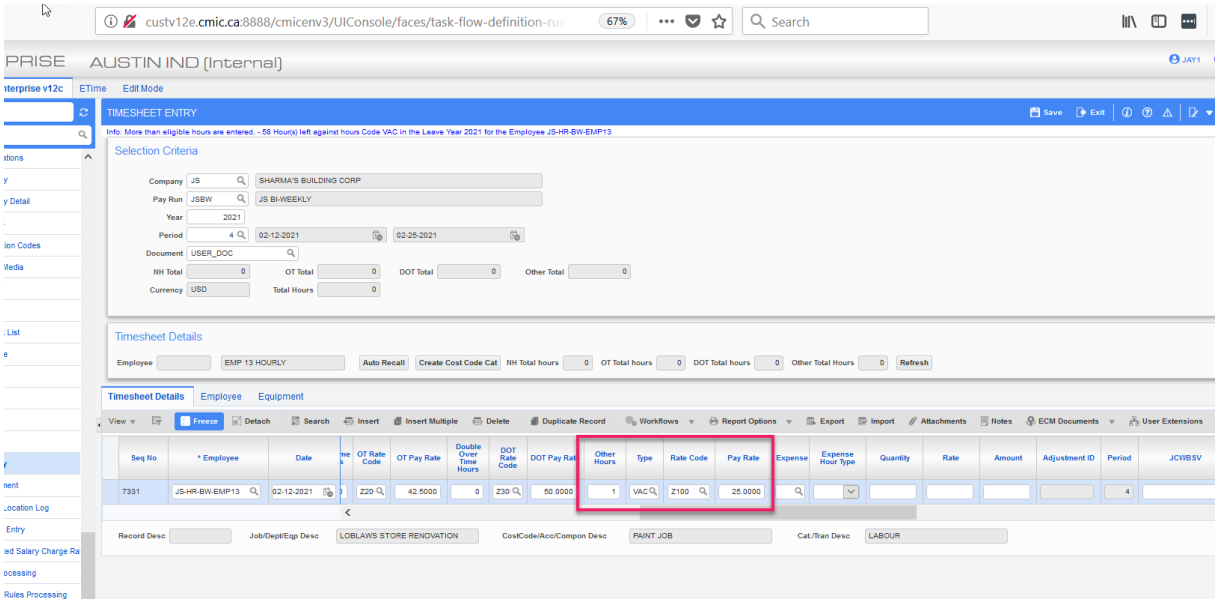
Step 2: Setup default Rate Codes on Company Control:



Step 3: On **Hour Types** program, assign a Rate Code to Other Hour Types as shown below. Note that Rate Code is not a mandatory field on this program and can be left blank in which case the system will use default other hour Rate Code set on Employee Profile.

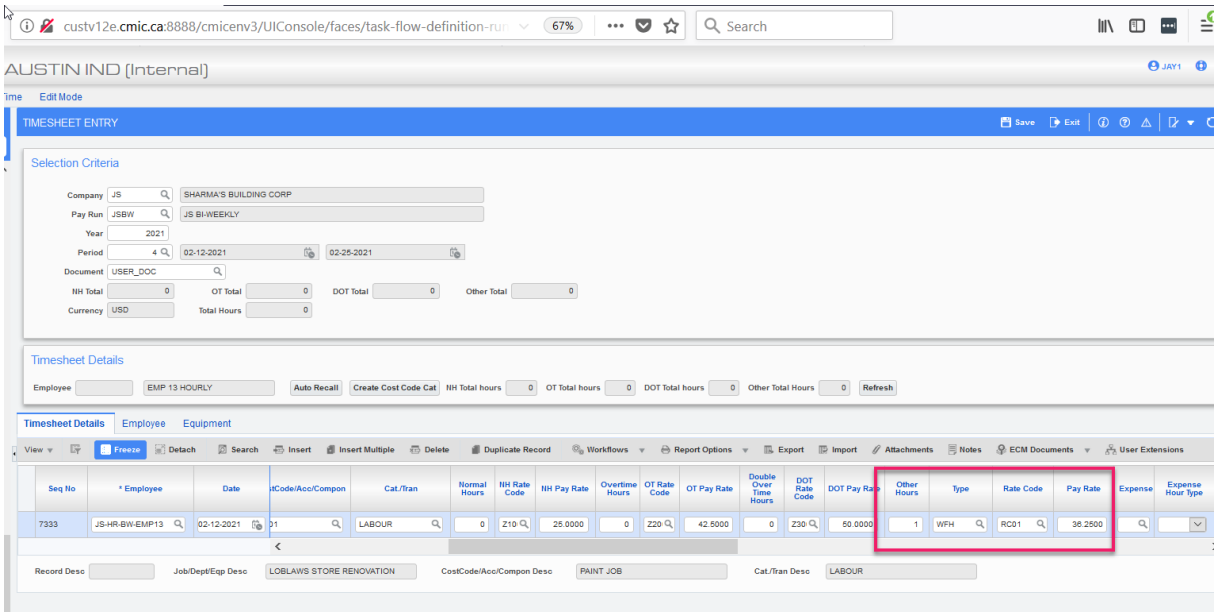


Step 4: Enter time against VAC Other Hour Type on Timesheet Entry program and verify rate calculation. As shown below, as soon as VAC is selected in **Type** LOV, the Rate Code mapped to it on **Hour Types** program is displayed in field **Rate Code:**



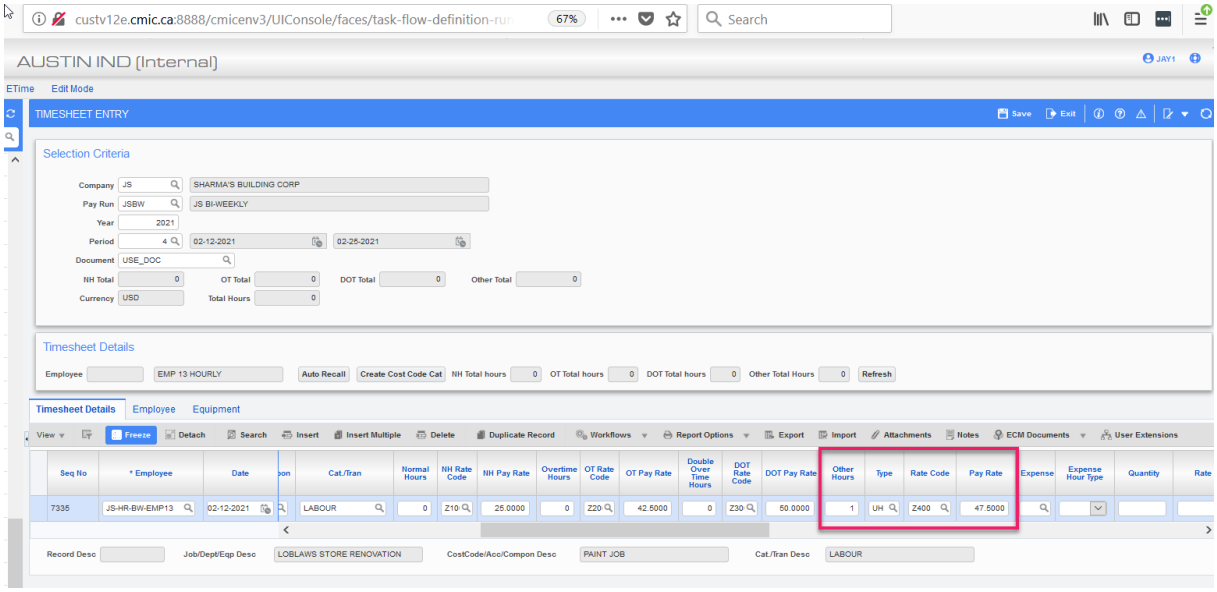
The Pay Rate for this employee is 25.00 and hence the pay rate calculation for VAC other hour code is 25.00*1=25.00

Step 5: Enter time against WFH Other Hour Type on Timesheet Entry program and verify rate calculation. As shown below, as soon as WFH is selected in **Type** LOV, the Rate Code mapped to it on **Hour Types** program is displayed in field **Rate Code:**



The Pay Rate for this employee is 25.00 and hence the pay rate calculation for WFH other hour code is (25.00*1.25) + 5=31.25+5=36.25

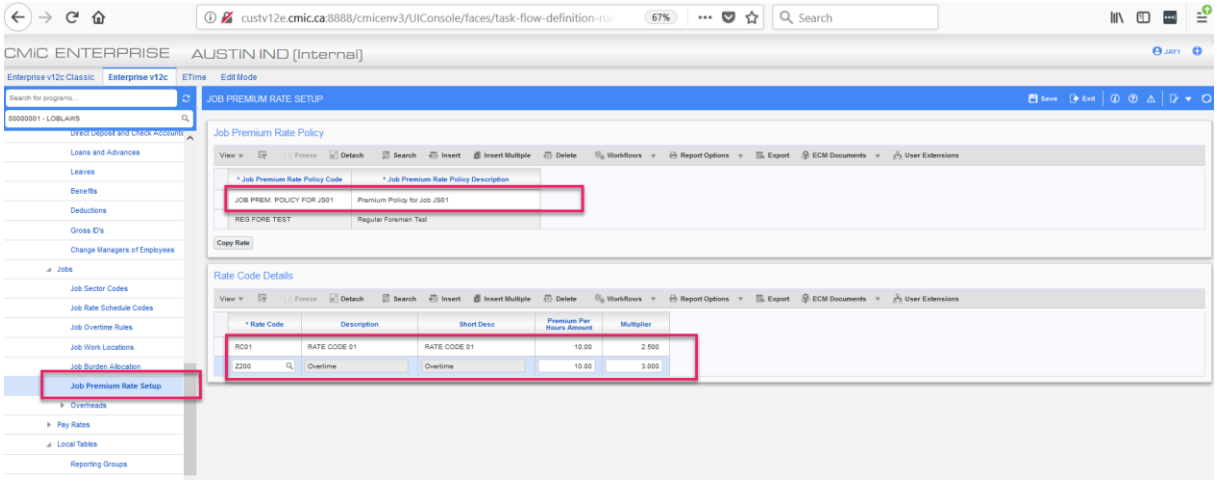
Step 6: Enter time against UH Other Hour Type on Timesheet Entry program and verify rate calculation. As shown below, as soon as UH is selected in **Type** LOV, Rate Code Z400 is displayed in field **Rate Code.** This happens because UH is not mapped to any Rate Code on **Hour Types** program and hence, the system uses default other hour rate code (on company control) for this Other Hour Type:



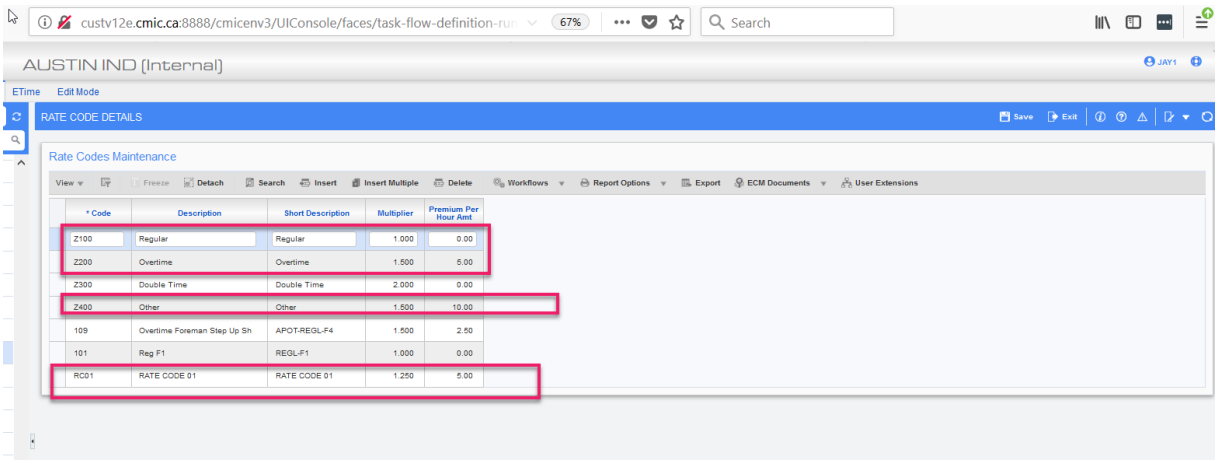
The Pay Rate for this employee is 25.00 and hence the pay rate calculation for UH other hour code is (25.00*1.5) + 10=37.5+10=47.5

B) The following example demonstrates how Job Premium Rate Policies can be created to setup Rate Codes with new definitions which override default definitions on **Rate Codes** program for the assigned jobs:

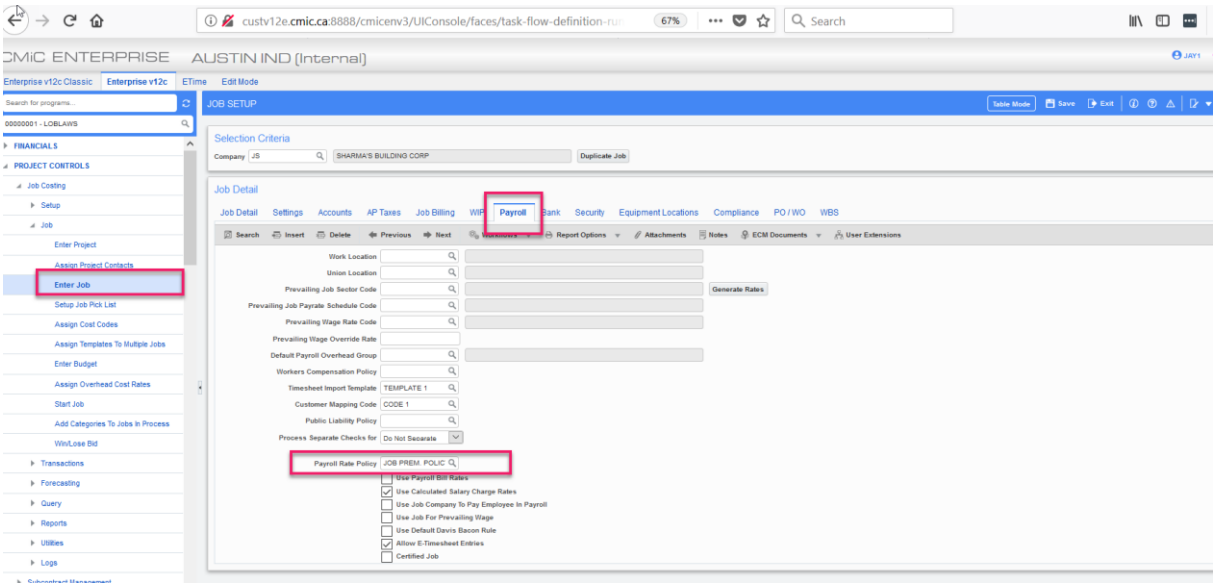
Step 1: Create a new Job Premium Rate Policy on **Job Premium Rate Setup** program (US Payroll>>Setup>>Job>>Job Premium Rate Setup). On the policy, new definition can be given to desired Rate Codes. For the Rate Codes not mentioned on this program, system will use the default definition on **Rate Codes** program:



Step 2: Rate Code definition on **Rate Codes** program is as follows:



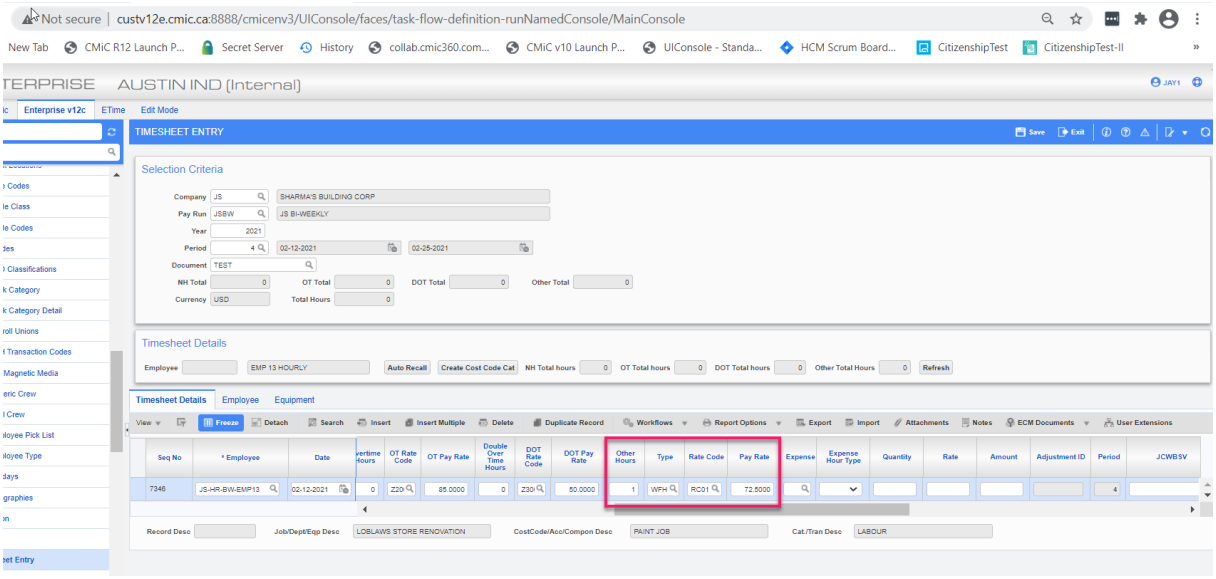
Step 3: Assign the Job Premium Rate Policy created in step 1 to a job on **Job Setup program** under **Payroll** tab as shown below:



Step 4: Enter time against the job and observe how Rate Code definitions on Job Premium Rate Policy override the default Rate Code definitions:

Enter time against WFH other hour type which is mapped to Rate Code RC01.

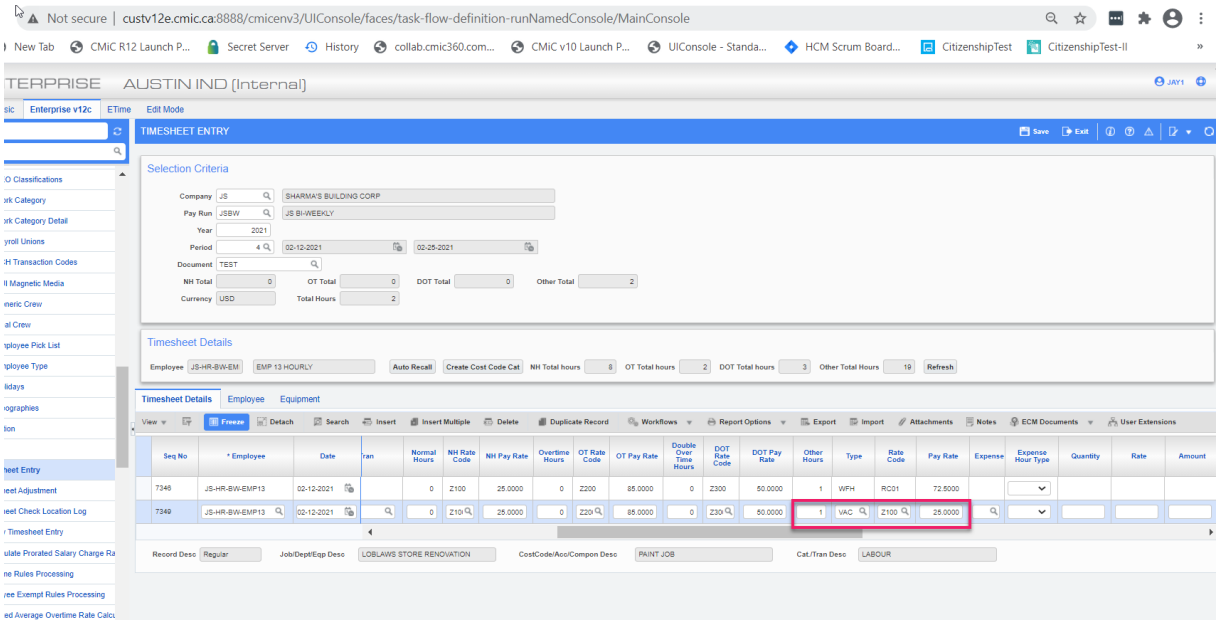
Rate Code RC01 has a multiplier of 2.5 and Premium Per Hour amount of 10.00 on the Job Premium Rate Policy, whereas it is 1.25 and 5.00 respectively on the **Rate Codes** program. As shown below, Rate Code definition for RC01 on Job Premium Rate policy overrides the definition on **Rate Codes** program:



The Pay Rate for this employee is 25.00 and hence the pay rate calculation for WFH other hour code is (25.00*2.5) + 10=62.5+10=72.5

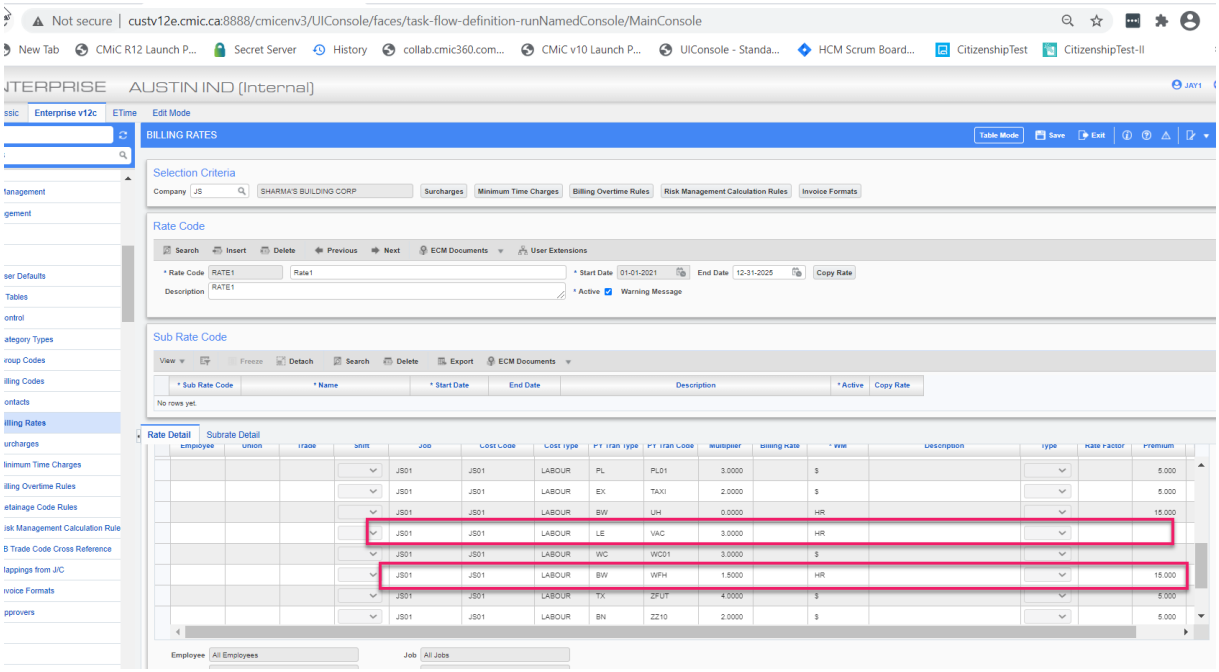
Enter time against VAC other hour type which is mapped to Rate Code Z100.

Rate Code Z100 is not defined on the Job Premium Rate Policy and has a multiplier of 1 on Rate Codes program. As shown below, system in this case goes by the definition on Rate Codes program as Rate Code Z100 is undefined on the job premium rate policy:

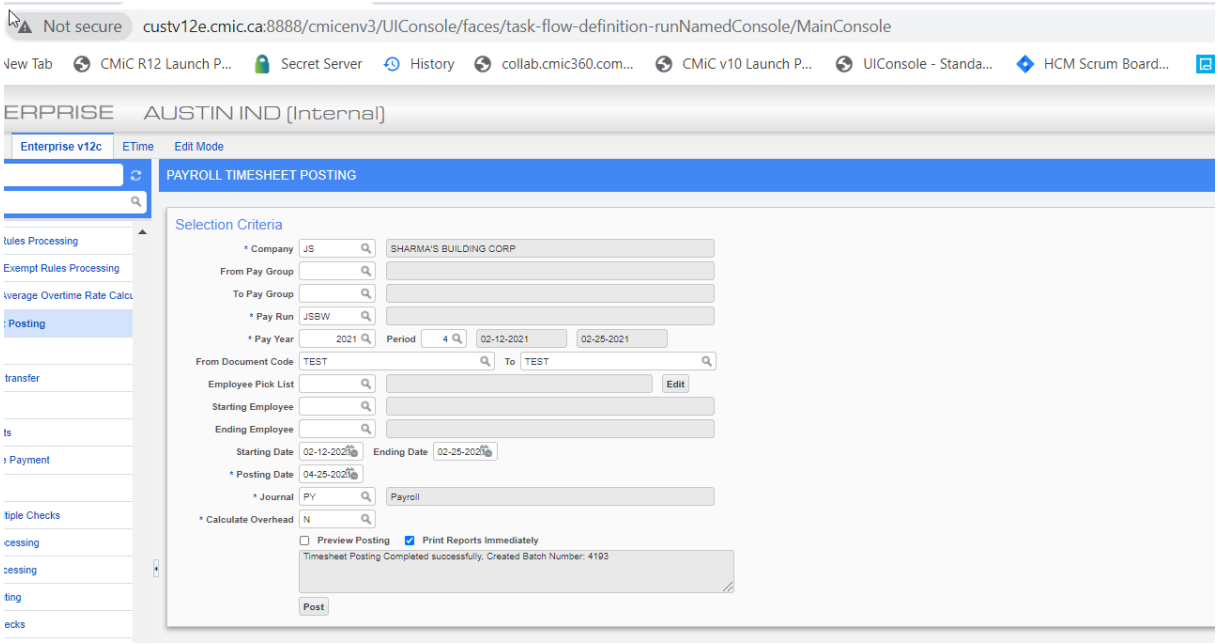


The Pay Rate for this employee is 25.00 and hence the pay rate calculation for VAC other hour code is (25.00*1) + 0=25

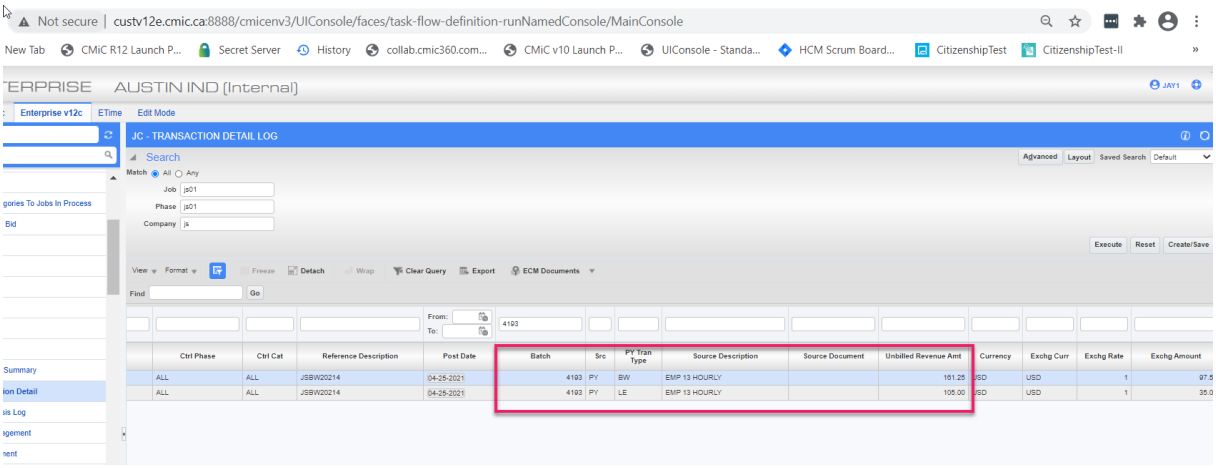
Step 5: Set Billing Rate for Other Hour Types VAC, WFH on Billing Rates program:



Step 6: Post Timesheet:



Step 7: Verify Billing Rate on JC Transaction Detail log:



For Other Hour type **WFH**, multiplier and premium per hour amount on billing rate table is 1.5 and 15. Charge amount for the employee is 97.50 and hence, billing rate= 97.5*1.5+15=146.25+15=161.25

Similarly, for Other Hour type **VAC**, multiplier on billing rate table is 3. Charge amount for the employee is 35 and hence, billing rate= 35*3=105.00

Allow Bill Rates Setup by Detail Burdens (20.23961)

CMiC has made the following enhancements to allow Bill Rate setup and summarized posting by individual Other Hour Type Codes and individual burden codes.

Overview

1) Bill Rate can se setup for specific other hour codes in Bill Rate Table. This allows summarization of timesheet posting by individual other hour codes.

This provides flexibility to setup different bill rate for different other hour codes.

2) Bill Rate can be setup for specific burden transaction codes in Bill Rate table. This allows summarization of JC transactions by individual burden codes upon final payroll posting.

This provides flexibility to setup different bill rate for different burden codes.

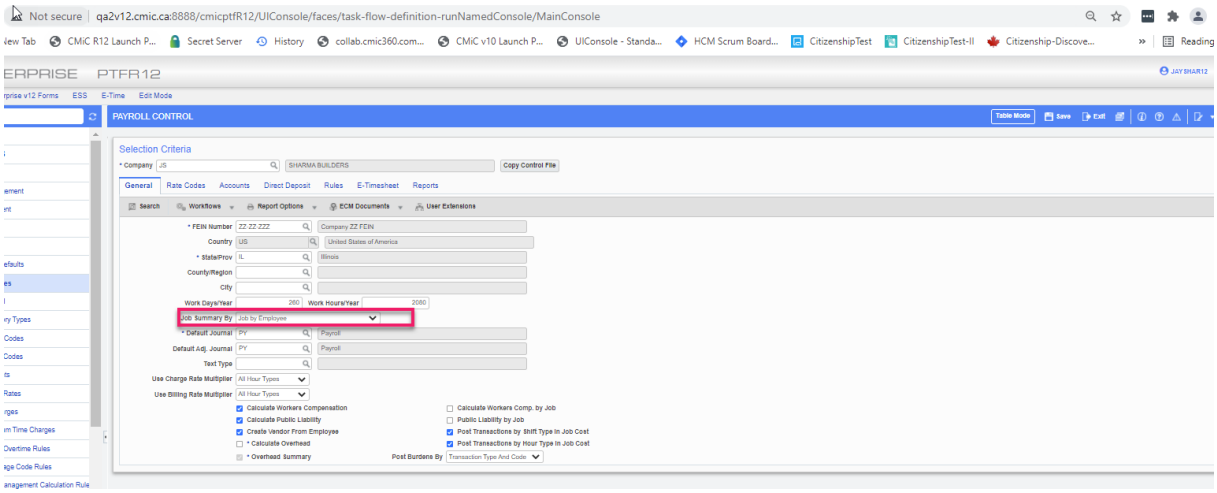
Pre-requisites

1) Flag **Job Summary By** should be set to one of following options:

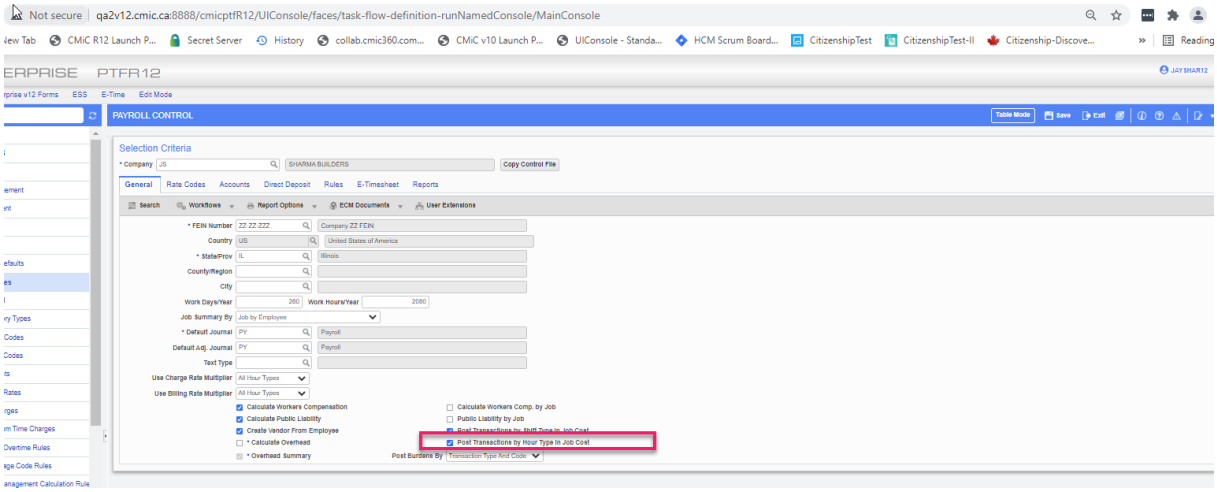
a) Job by Employee

b) Employee by Date

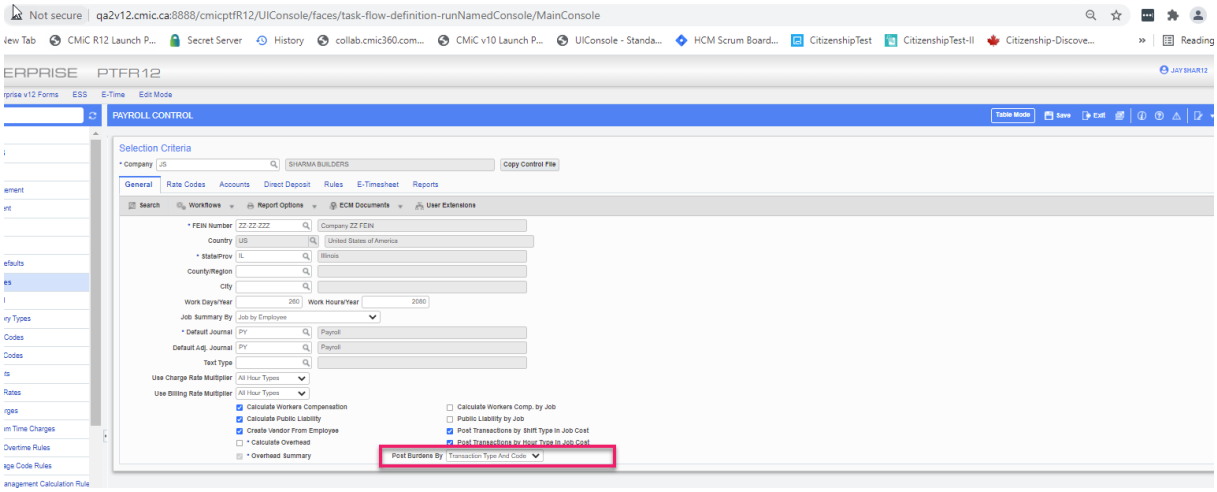
c) Time Sheet



2) Flag **Post Transactions by Hour Type in Job Cost** should be checked:

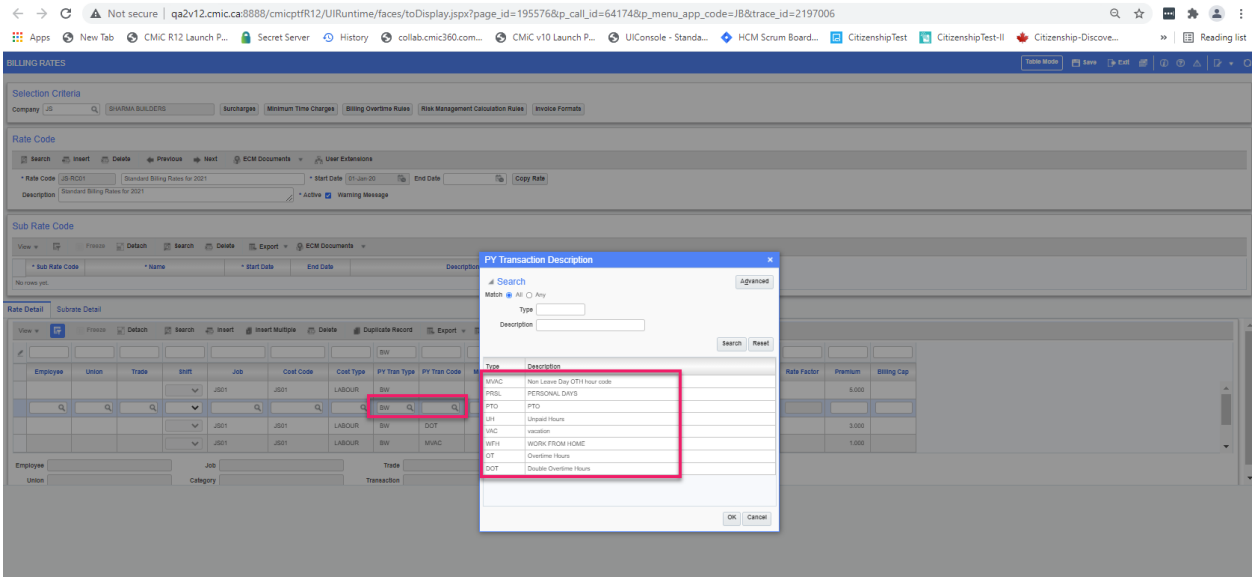


3) Flag **Post Burdens By** should be set to **Transaction Type and Code**:



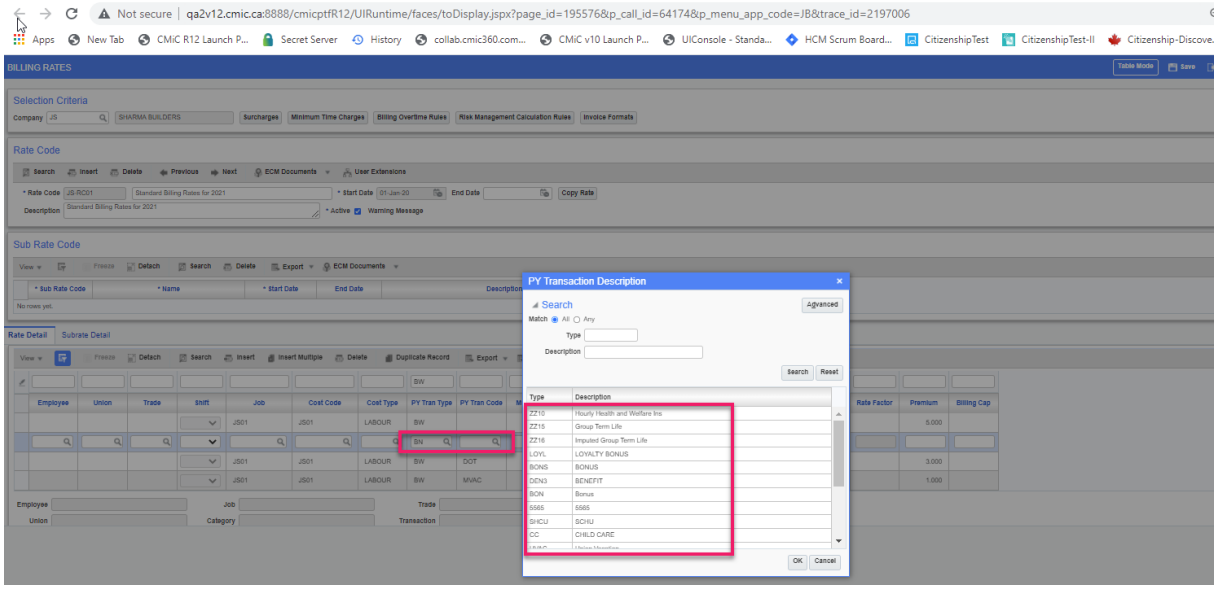
Modifications

1) In Bill Rate table, **PY Tran Code** LOV lists individual Other Hour codes:

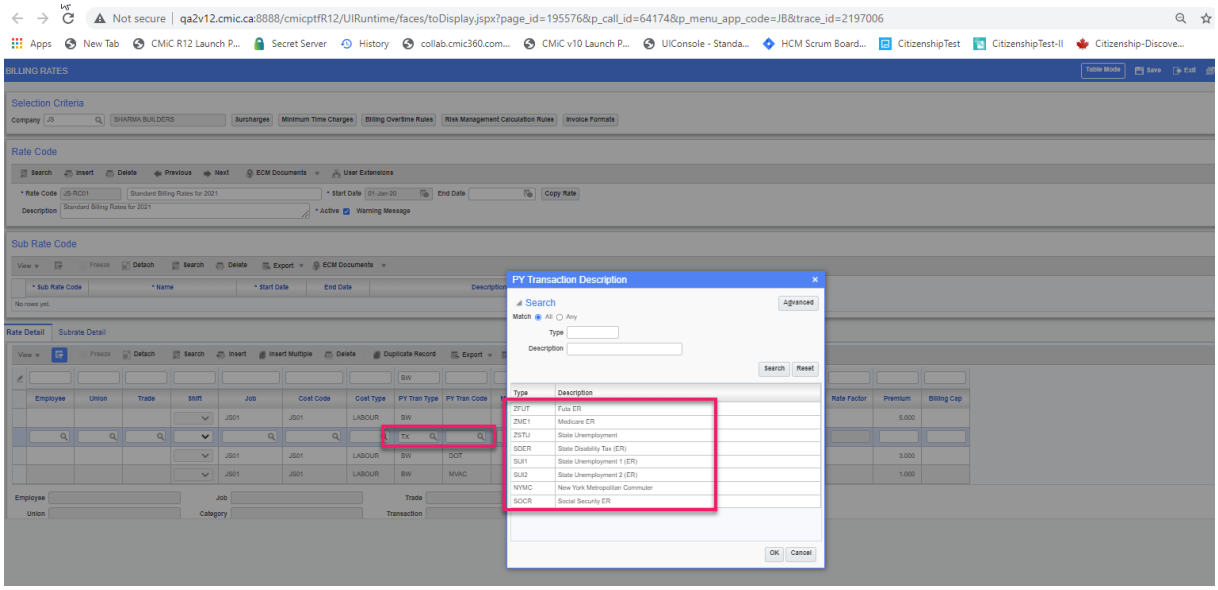


2) In Bill Rate table, **PY Tran Code** LOV lists individual burden codes. Ex:

A) For benefits, **PY Tran Code** LOV lists all benefits:



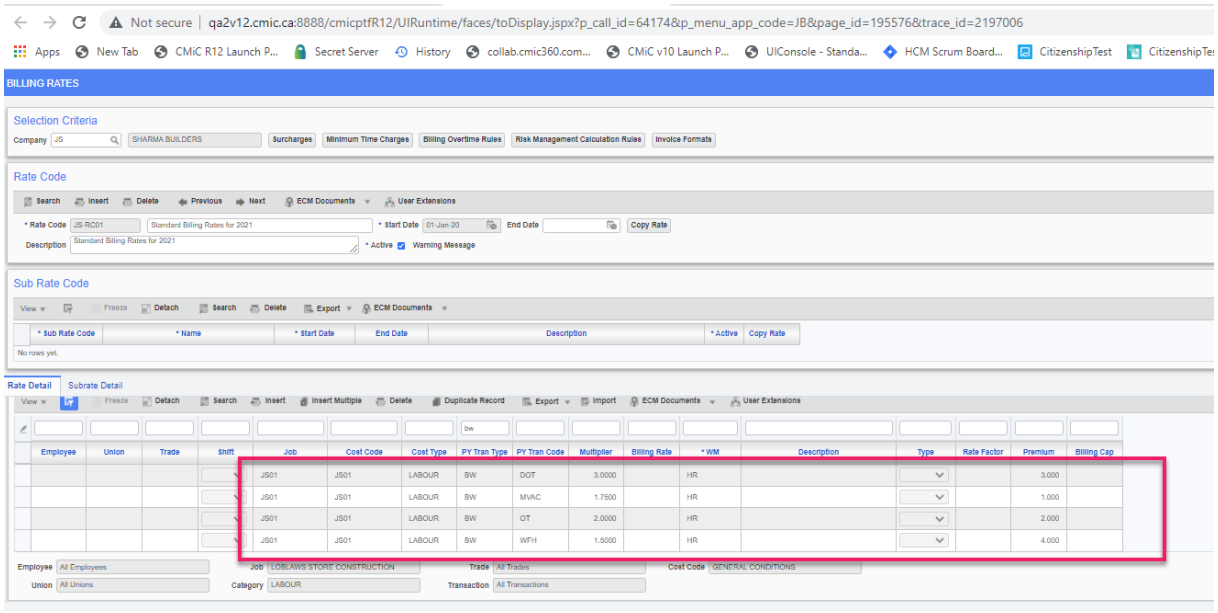
B) For Taxes, **PY Tran Code** LOV lists all Taxes:

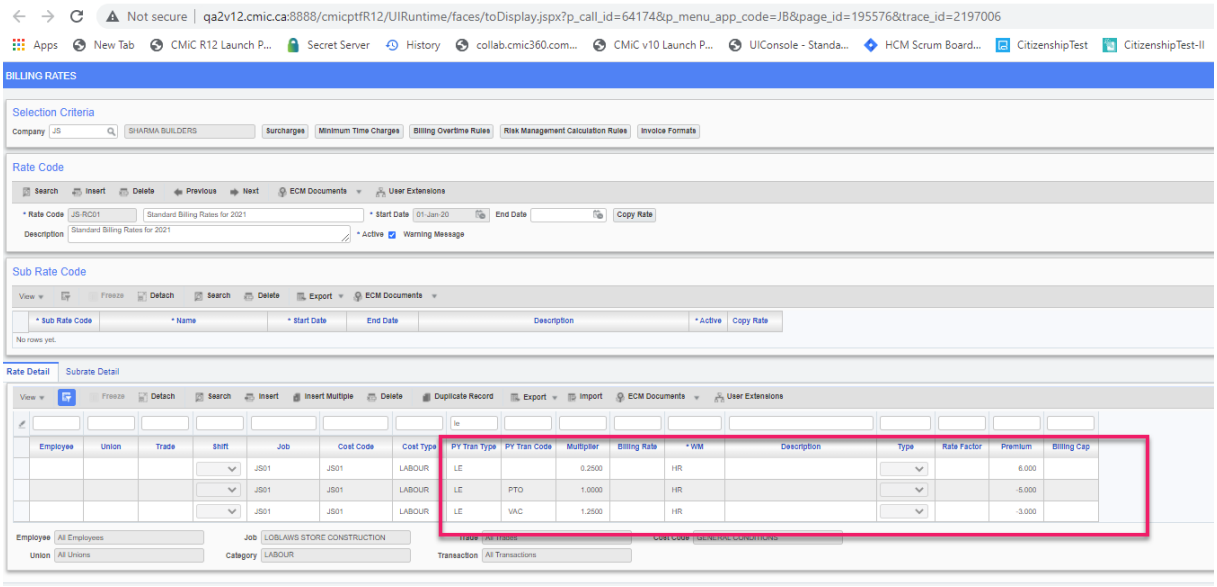


Implementation

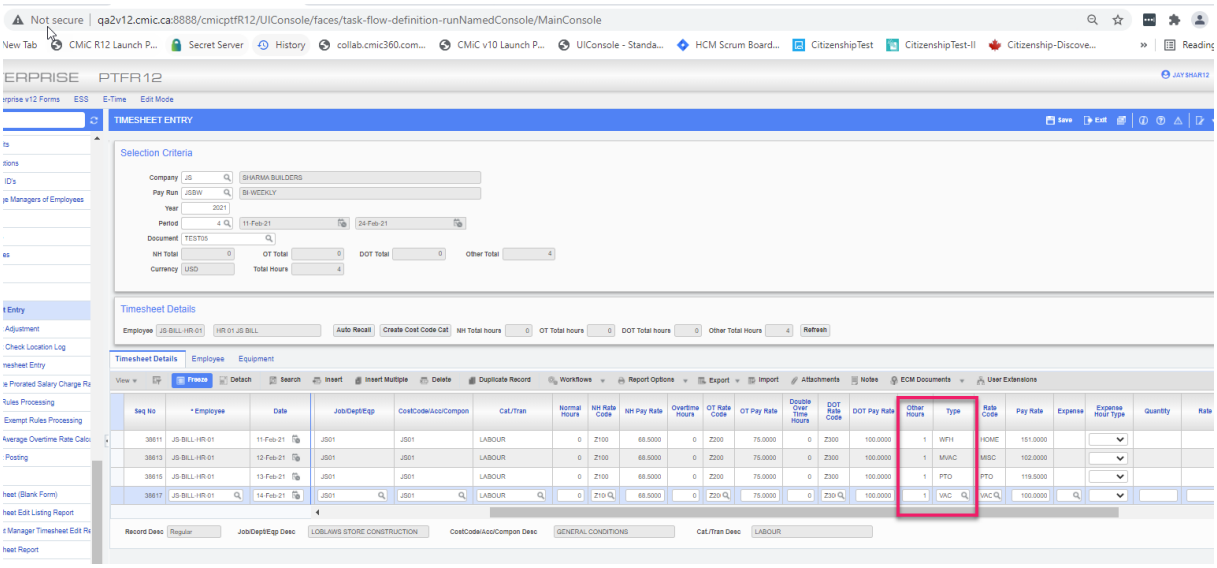
A) The following example demonstrates how Bill Rate can se setup for individual Other Hour codes and how timesheet posting summarizes cost by other hour codes:

Step 1: Setup Bill Rate for individual other hour codes in Bill Rate table:

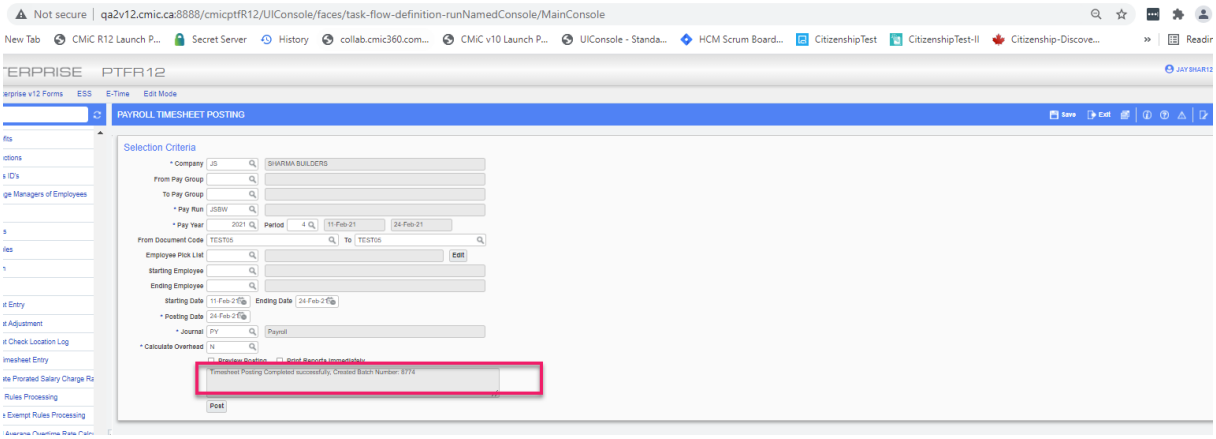




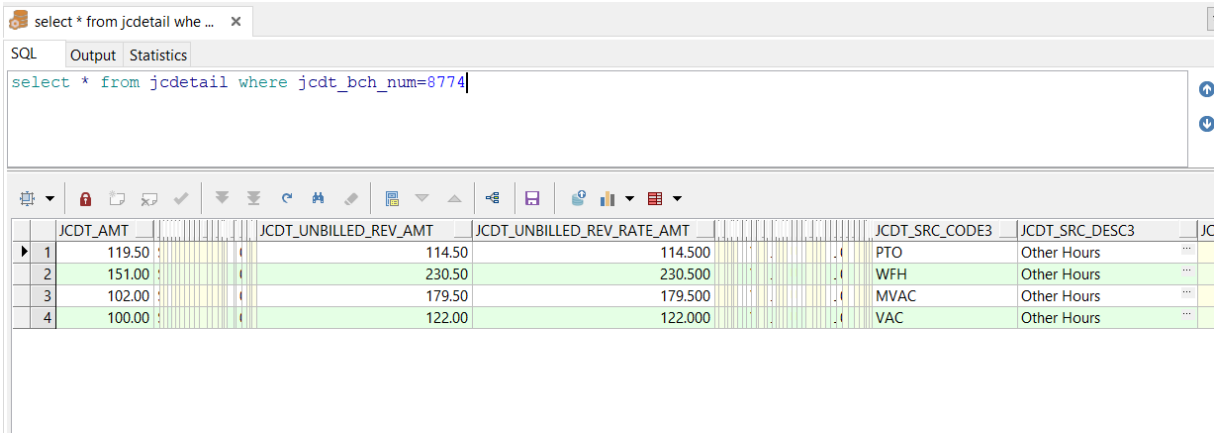
Step 2: Enter time against other hour codes:



Step 3: Post Timesheet:



Step 4: Review the posted transactions in JCDETAIL table:



	JCDT_AMT	JCDT_UNBILLED_REV_AMT	JCDT_UNBILLED_REV_RATE_AMT	JCDT_SRC_CODE3	JCDT_SRC_DESC3
1	119.50	114.50	114.500	PTO	Other Hours
2	151.00	230.50	230.500	WFH	Other Hours
3	102.00	179.50	179.500	MVAC	Other Hours
4	100.00	122.00	122.000	VAC	Other Hours

1st row: For PTO other hour code, multiplier is 1.00 and Premium per hour amount is -5.00.

Bill Rate would be 119.5*1-5=119.5-5=114.50

2nd row: For WFH other hour code, multiplier is 1.50 and Premium per hour amount is 4.00.

Bill Rate would be 151*1.5 +4=226.5+4=230.50

3rd row: For MVAC other hour code, multiplier is 1.75 and Premium per hour amount is 1.00.

Bill Rate would be 102*1.75+1=178.5+1=179.50

4th row: For VAC other hour code, multiplier is 1.25 and Premium per hour amount is -3.00.

Bill Rate would be 100*1.25-3=125-3=122.00

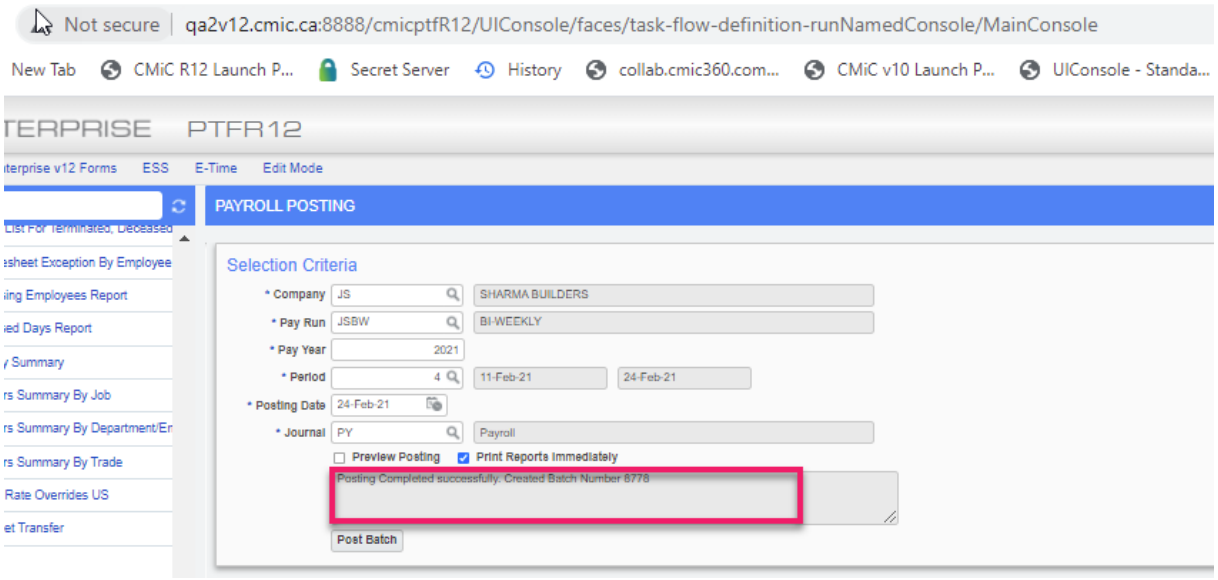
B) The following example demonstrates how Bill Rate can se setup for individual burden codes and how payroll posting summarizes cost by burden codes:

Step 1: Setup Bill Rate for individual burden codes in Bill Rate table. Following is the bill rate table exported to a file:

DETAILS_20210609160445

Employee	Union	Trade	Shift	Job	Cost Code	Cost Type	PY Tran Type	PY Tran Code	Multiplier	Billing Rate	WM	Description	Type	Rate Factor
									1.2500		HR			
				JS01	JS01	LABOUR	PL		5.0000		$			
				JS01	JS01	LABOUR	DE		3.2500		$			
				JS01	JS01	LABOUR	WC		4.2500		$			
				JS01	JS01	LABOUR	BN		3.5000		$			
				JS01	JS01	LABOUR	EX		2.2500		$			
				JS01	JS01	LABOUR	LE		0.2500		HR			
				JS01	JS01	LABOUR	BW		0.5000		HR			
				JS01	JS01	LABOUR	EX	CAB	3.7500		$			
				JS01	JS01	LABOUR	BW	DOT	3.0000		HR			
				JS01	JS01	LABOUR	PL	JS01	3.2500		$			
				JS01	JS01	LABOUR	WC	JS01	5.0000		$			
				JS01	JS01	LABOUR	BN	JSCC	3.6000		$			
				JS01	JS01	LABOUR	BN	JSWH	2.4000		$			
				JS01	JS01	LABOUR	BW	MVAC	1.7500		HR			
				JS01	JS01	LABOUR	BW	OT	2.0000		HR			
				JS01	JS01	LABOUR	LE	PTO	1.0000		HR			
				JS01	JS01	LABOUR	DE	RRSP	2.7500		$			
				JS01	JS01	LABOUR	LE	VAC	1.2500		HR			
				JS01	JS01	LABOUR	BW	WFH	1.5000		HR			
				JS01	JS01	LABOUR	TX	ZFUT	4.5000		$			
				JS01	JS01	LABOUR	TX	ZME1	4.0000		$			
				JS01	JS01	LABOUR	DE	ZZ20	1.7500		$			

Step 2: Post a period:



Step 3: Review the posted burdens in JCDETAIL table:

	JCDT_AMT	JCDT_UNBILLED_REV_AMT	JCDT_UNBILLED_REV_RATE_AMT	JCDT_SRC_CODE3	JCDT_SRC_DESC3
2	249.48	436.59	0.000	ZZ20	Deductions
15	231.24	404.67	0.000	ZZ20	Deductions
3	104.95	341.09	0.000	JS01	Public Liability
11	95.95	335.83	0.000	CC	Benefits
18	95.95	335.83	0.000	1000	Benefits
16	27.83	111.32	0.000	ZME1	Taxes
1	25.79	103.16	0.000	ZME1	Taxes
10	3.48	17.40	0.000	JS01	Workers Comp
7	5.21	16.93	0.000	JS01	Public Liability
13	3.48	12.18	0.000	CC	Benefits
6	3.48	12.18	0.000	1000	Benefits
5	1.01	4.04	0.000	ZME1	Taxes

1st row: For ZZ20 deduction code, multiplier is 1.75.

Bill Rate would be 249.48*1.75=436.59

3rd row: For JS01 Public Liability code, multiplier is 3.25.

Bill Rate would be 104.95*3.25=341.09

4th row: For CC benefit code, multiplier is 3.50.

Bill Rate would be 95.95*3.5=335.83

6th row: For ZME1 tax code, multiplier is 4.00:

Bill Rate would be 27.83*4=111.32

8th row: For JS01 Workers Comp code, multiplier is 5.00.

Bill Rate would be 3.48*5=17.4

WBS, Import Timecard and Customer Data Mapping (20.23962)

Enhancements: 1) Allow automatic mapping of Cost Code, Category by Trade Class for Timesheet imports if they are missing in Import File. 2) Allow Customer Data Mapping for Employee Number, Shift Code and Earning Code/Hour Type

Overview

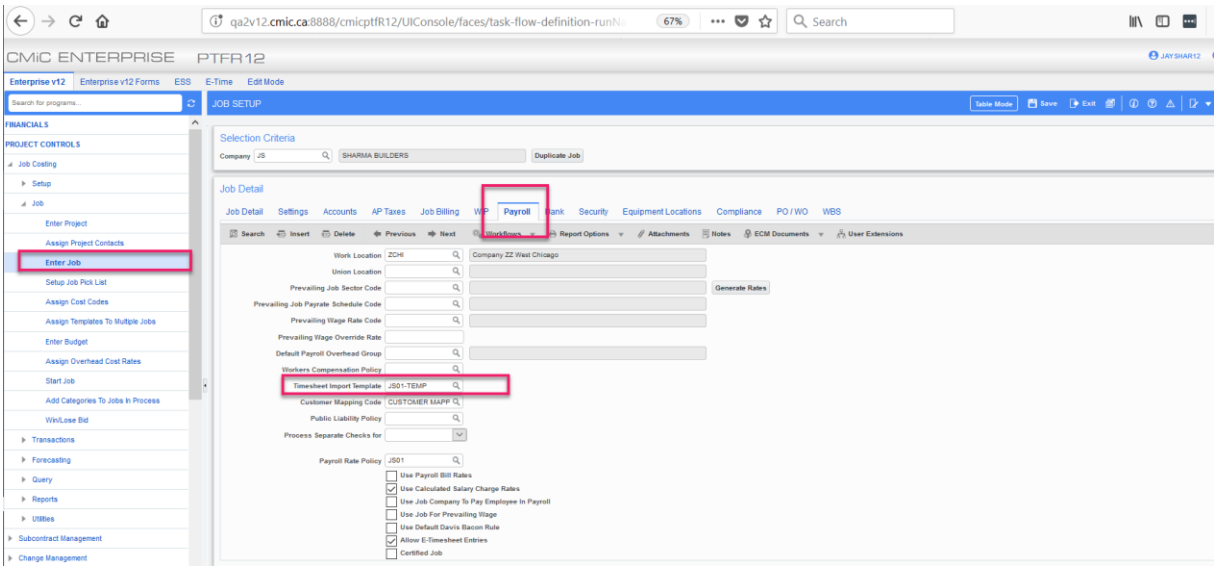
NOTE: These changes ONLY apply to Import Timesheets from ORACLE utility.

1) System will allow auto population (or mapping) of Cost Code, Category in Timesheet Entry program by Trade Class and Trade Code if they are missing in Import File. If Cost Code, Category are specified in Import File, system will ignore the mapping and cost code, category specified in import file will be used to create time entries. This utility is useful if cost codes, categories are decided by Trades and it allows the user to skip entering cost code, category in import file in which case, system looks them up in the import template set by the user and assigns cost code, category values accordingly when creating time entries.

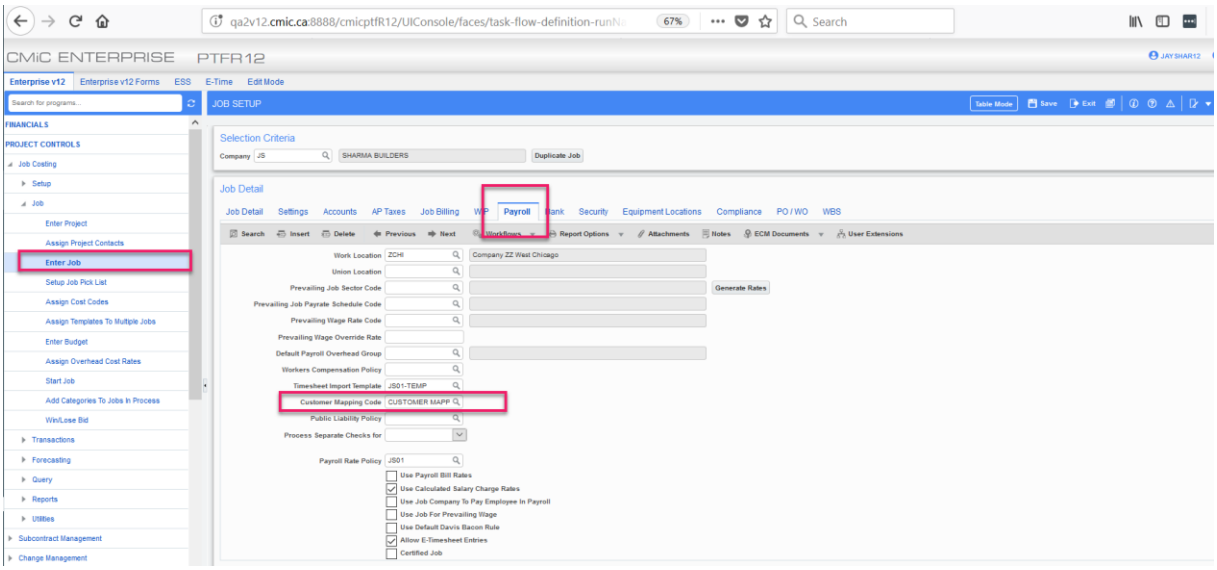
2) Through Customer Data Mapping, system allows mapping external Employee Numbers, Shift Codes, Hour Type Codes to CMiC Employee Numbers, Shift Codes, Hour Type Codes. These mappings are then used during Timesheet Import if import file contains external employee numbers, shift codes, Hour Type Codes. In cases when external employee numbers, shift codes, hour codes are not used in import file, system creates time entries as before relying completely on data specified in import file.

Pre-requisites

1) To use cost code, category mapping by Trade's feature, a timesheet import template must be created and then assigned to corresponding job on Job Costing>>Job>>Enter Job program under Payroll tab as shown below:

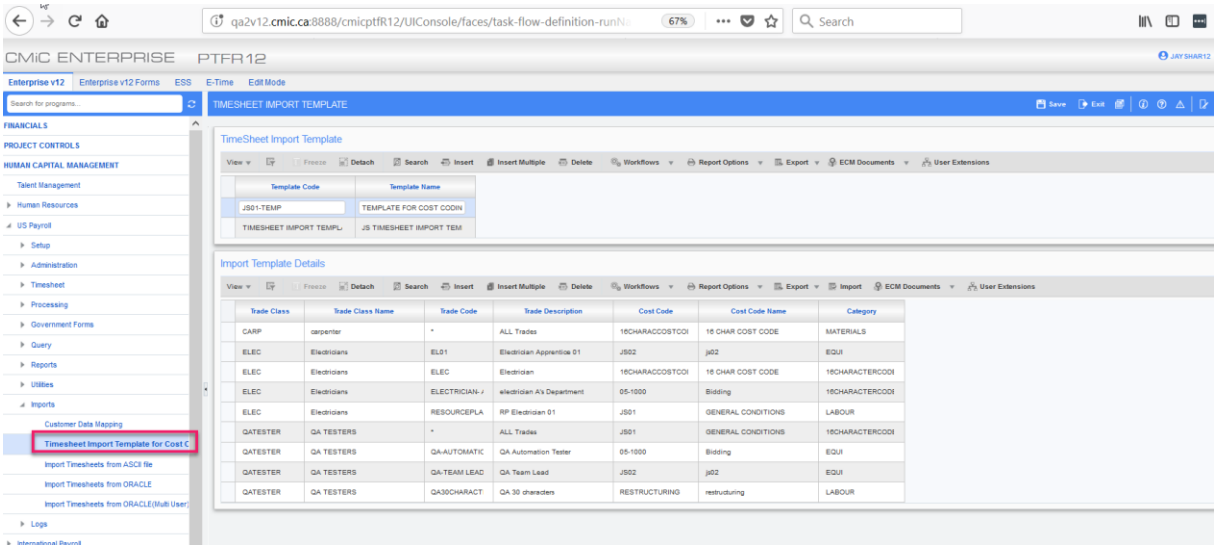


2) To use Customer Data Mapping feature to map external employee numbers, shift codes, hour type codes, a mapping code must be created and then assigned to corresponding job on Job Costing>>Job>>Enter Job program under Payroll tab as shown below:

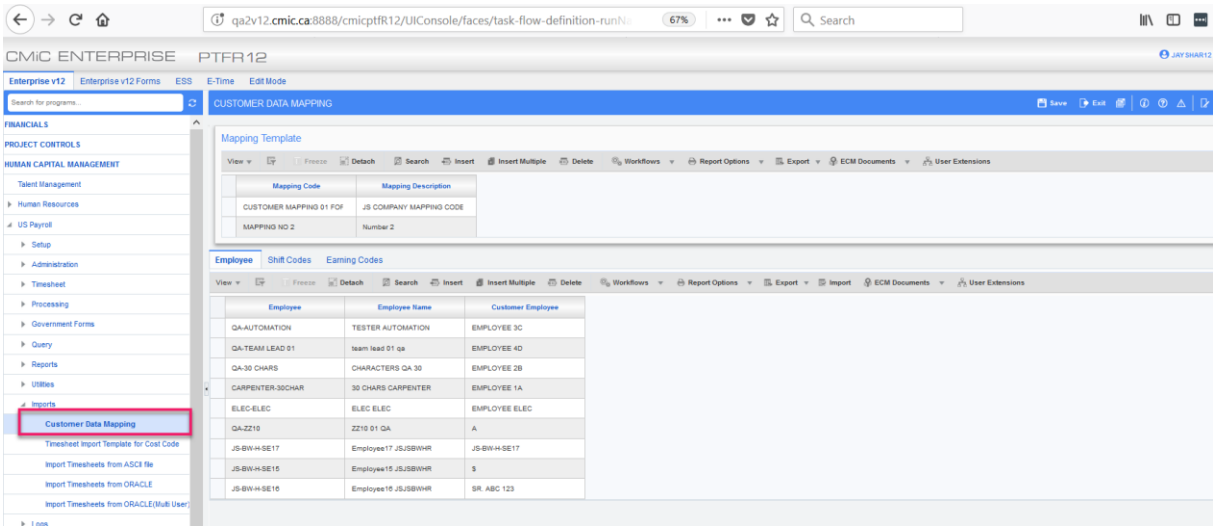


Modifications

1) New program Timesheet Import Template for Cost Code has been added to US Payroll>>Imports section:



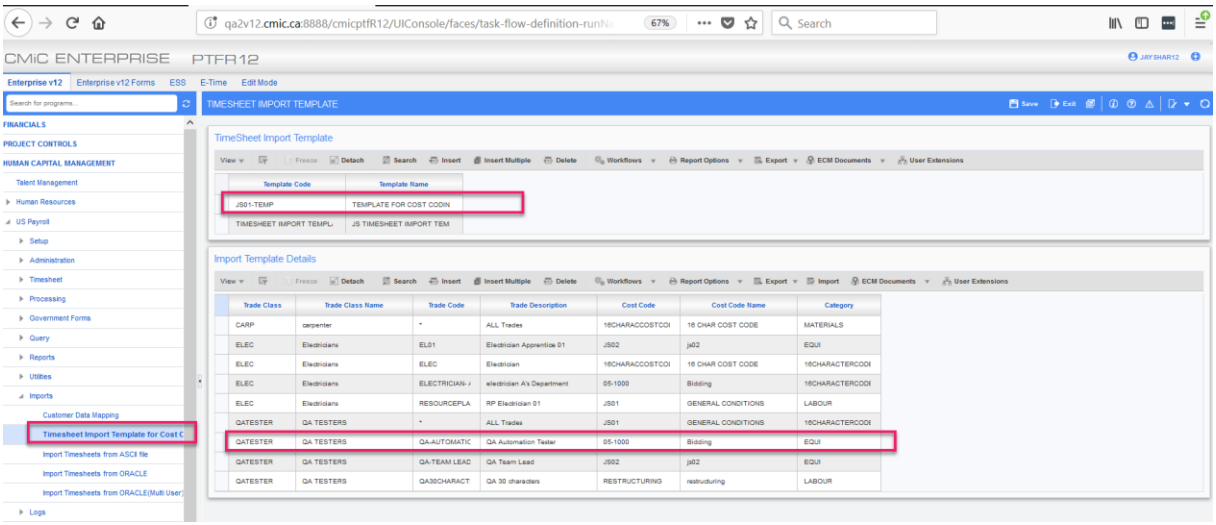
2) New Program Customer Data Mapping has been added to US Payroll>>Imports section:

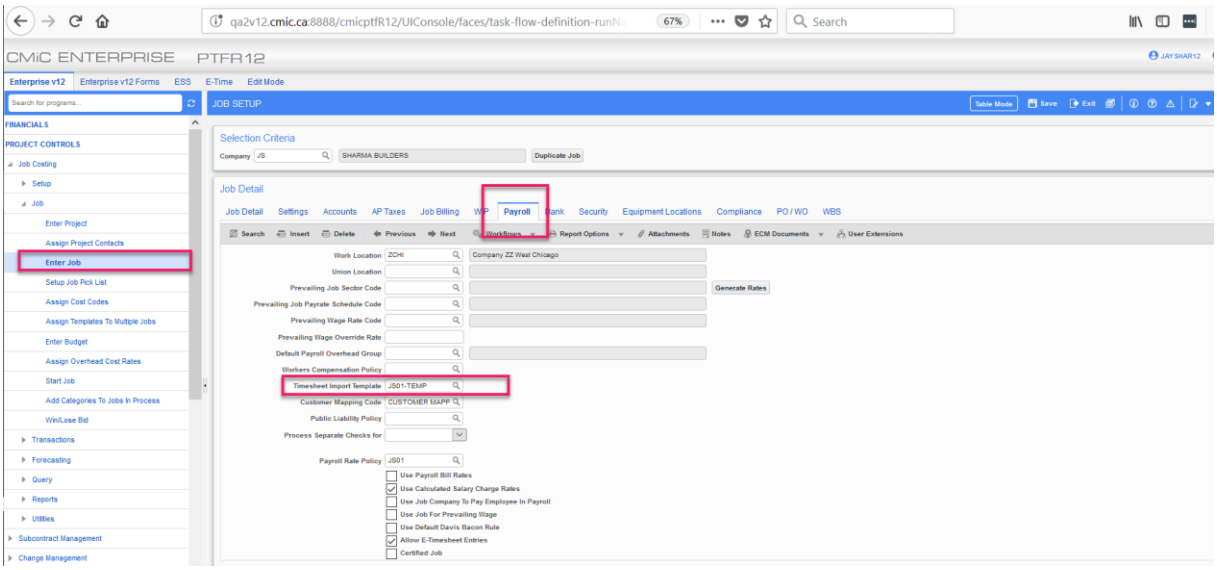


Implementation

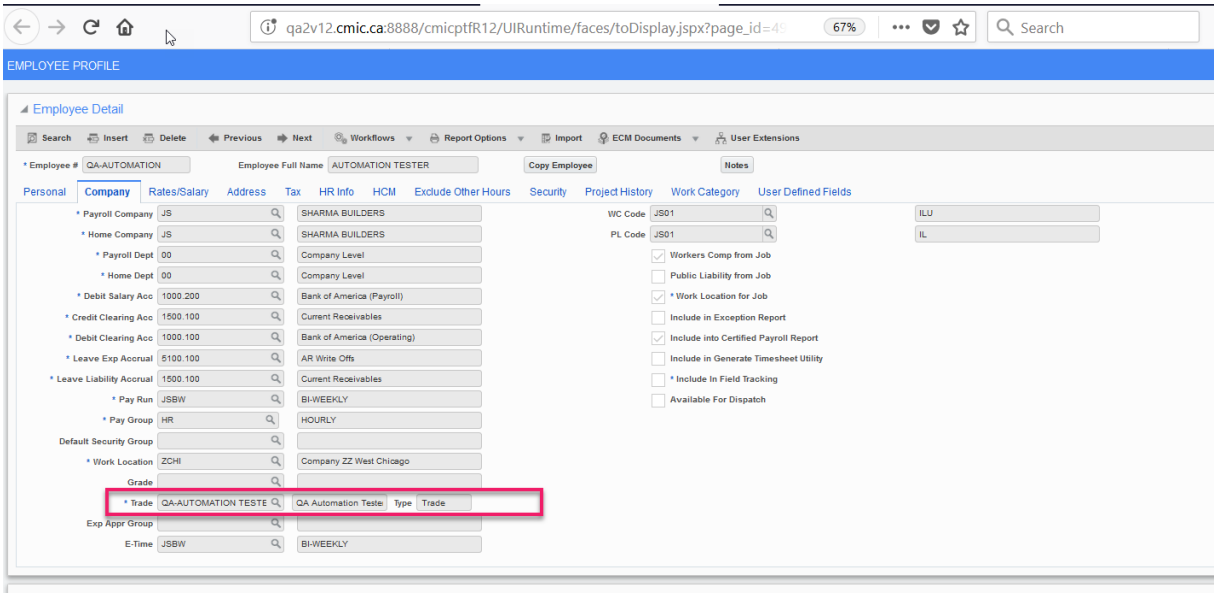
A) The following example demonstrates how system maps Cost Code, Category when it is not specified in import file. It also shows how system skips mapping process when Cost Code, Category are specified in the import file and simply creates time entries with specified values:

Step 1: Create an import template and assign it to a job. As shown below, Cost Code and Category have been mapped to different Trade Classes, Trade Codes:

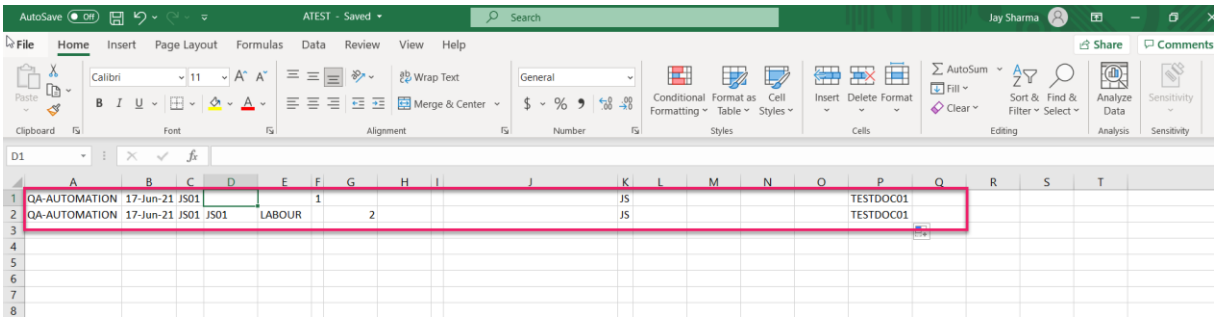




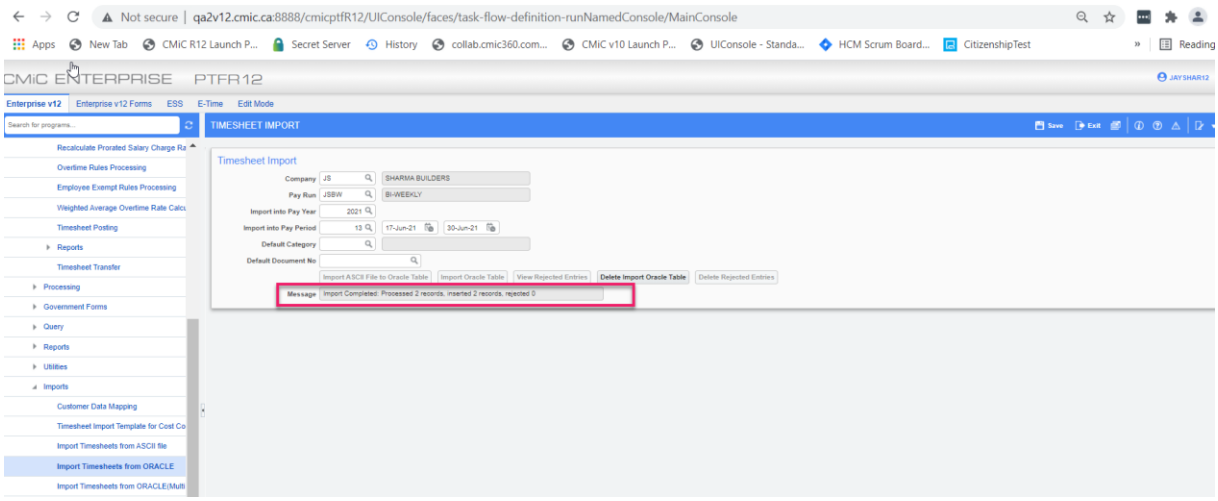
Step 2) We will be importing time entries for the below employee in this example:



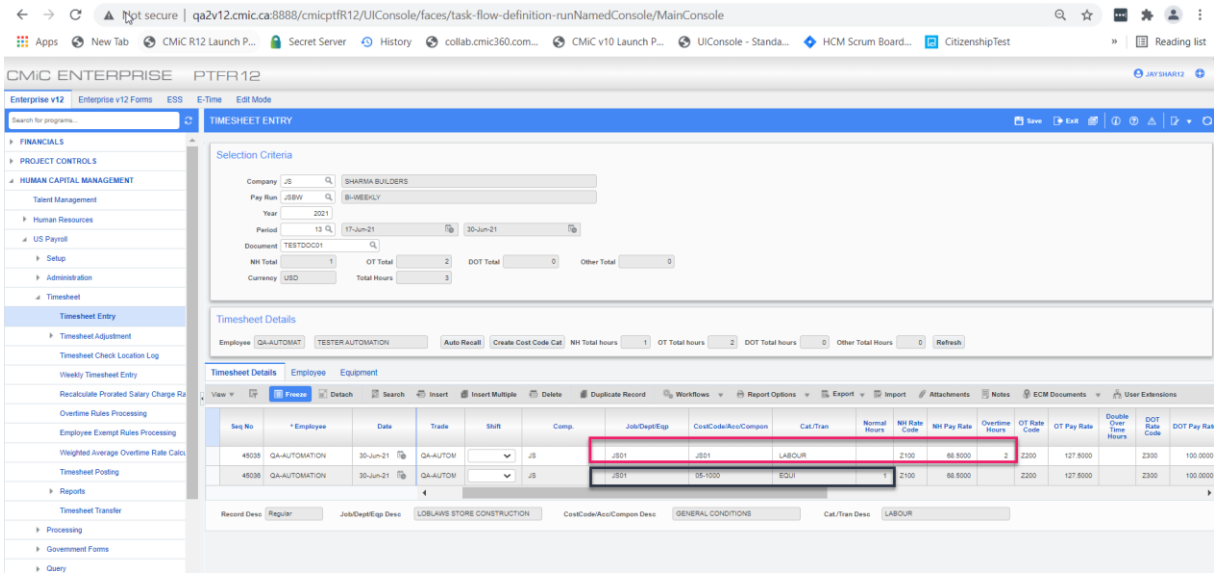
Step 3) As shown below, first row in the import file does not have any value in Cost Code, Category Columns for the employee. However, the 2nd row has all values specified. For the first row, system will lookup Cost Code, Category from import template and create time entries accordingly. For the 2nd row time entry will be created with values specified in import file:



Step 4: Import the file:

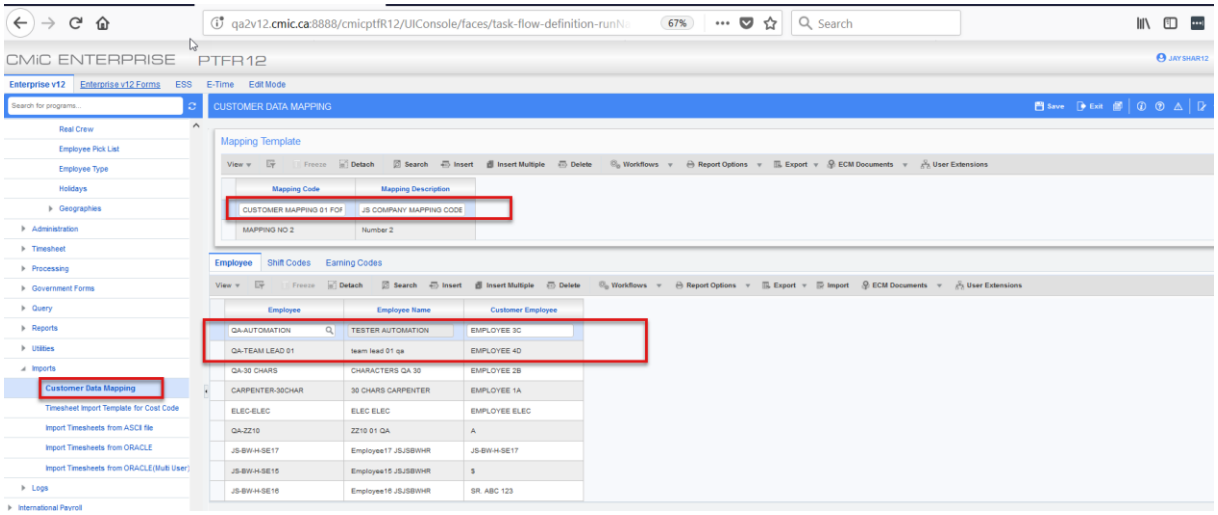


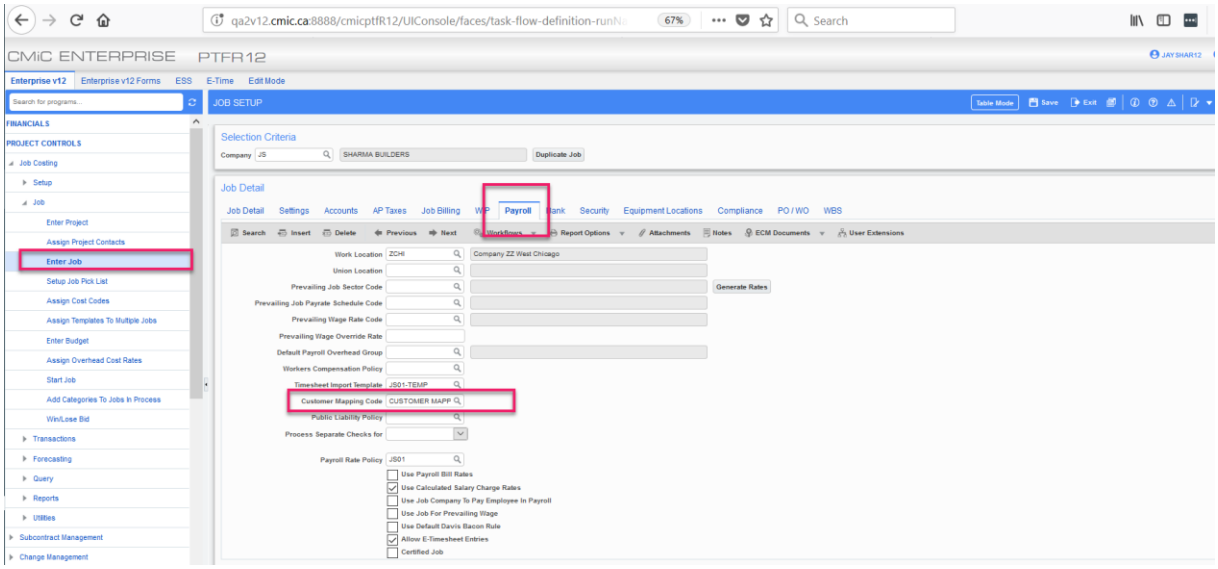
Step 5: As shown below, time entries are created successfully:



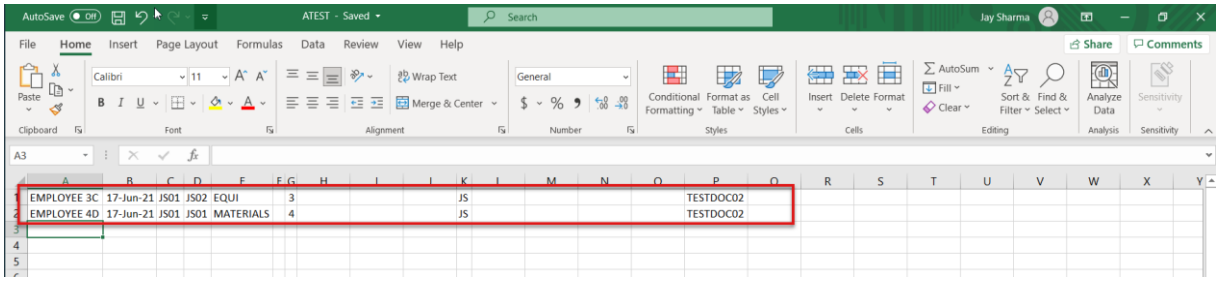
B) The following example demonstrates how system maps external employee numbers to CMiC Employee numbers when external employee number is used in the import file:

Step 1: Create a mapping template and assign it to a job. As shown below, external Employee Numbers are mapped to valid CMiC Employee Numbers:

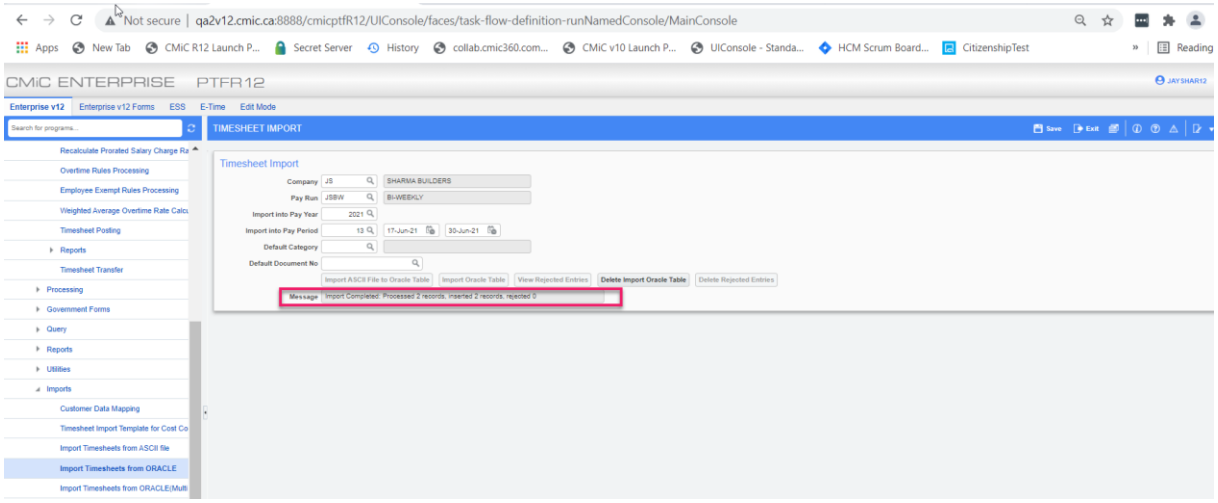




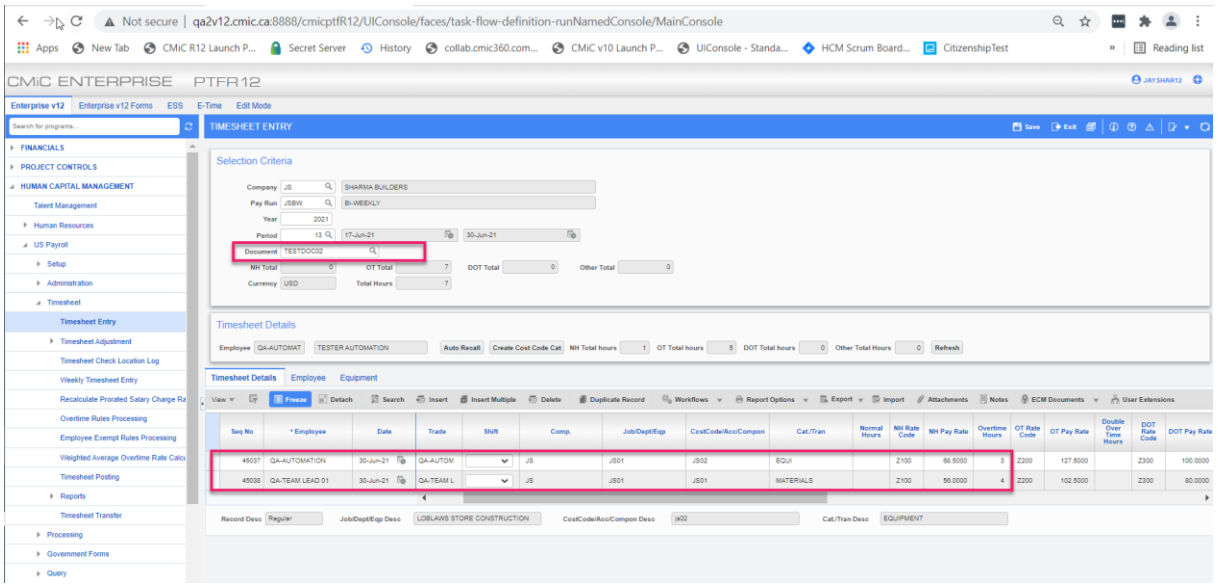
Step 2) As shown below, import file contains external employee numbers in Employee Column. When this file is imported, system looks up the external employee numbers in mapping template and picks up valid CMiC employee numbers accordingly to create time entries:



Step 3: Import the file:



Step 4: As shown below, system mapped external employee numbers to valid CMiC employees:

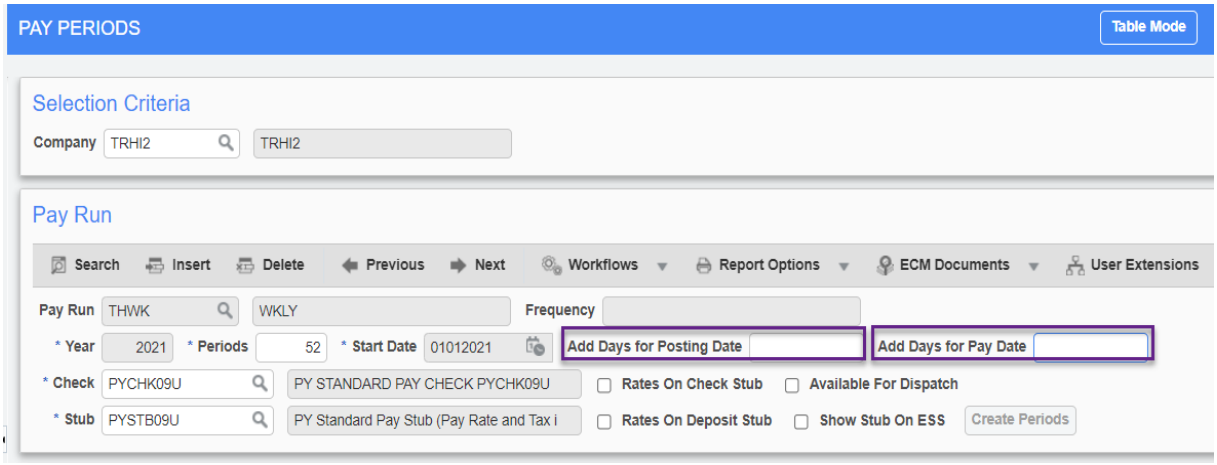


NOTE: External Shift Codes, Hour Type Codes can be mapped to CMiC shift codes, Hour Type codes in a similar way.

Auto-Populating Company Pay Periods & Pay Dates (20.30010)

Auto-Populating Company Pay Periods and Pay Dates Auto-Populate

This modification will allow the user to change the default values in the Pay Date and Posting Date columns by adding a number of days instead of changing the dates manually for each pay period.



Pre-requisites

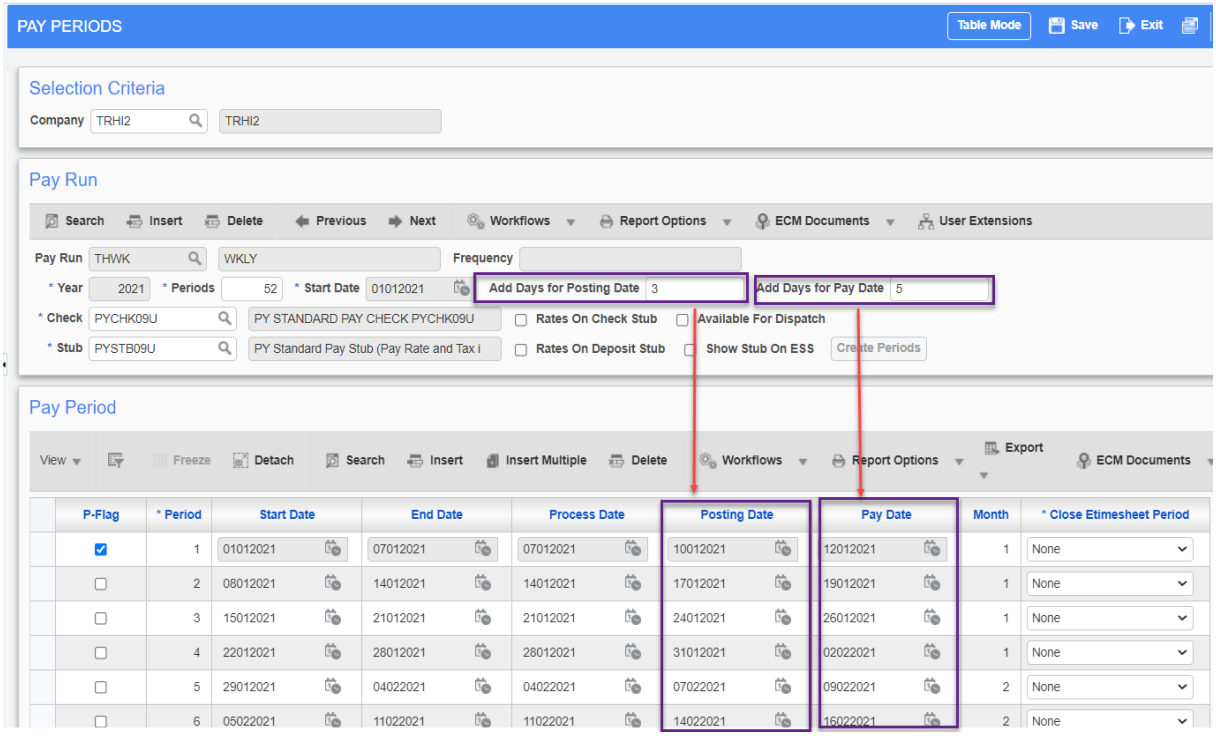
A pay period should be set up for the pay run and the year.

Modifications

CMiC has added two new fields: Add Days for Posting Date and Add Days for Pay Date in the Pay Run section of the Pay Period screen. This allows the user to calculate pay period and posting date. The program calculates the process date and the start and end of the pay period as per current logic. If the above days are provided, then they are added to the Posting Date and Pay Date values. If these fields are left empty, the system will work as per existing functionality and the posting date and pay date will be calculated based on the start date and end date.

Implementation

Enter the number of days to add to the Add Days for Posting Date and Add Days for Pay Date fields. Please note, that these fields should not be the same.



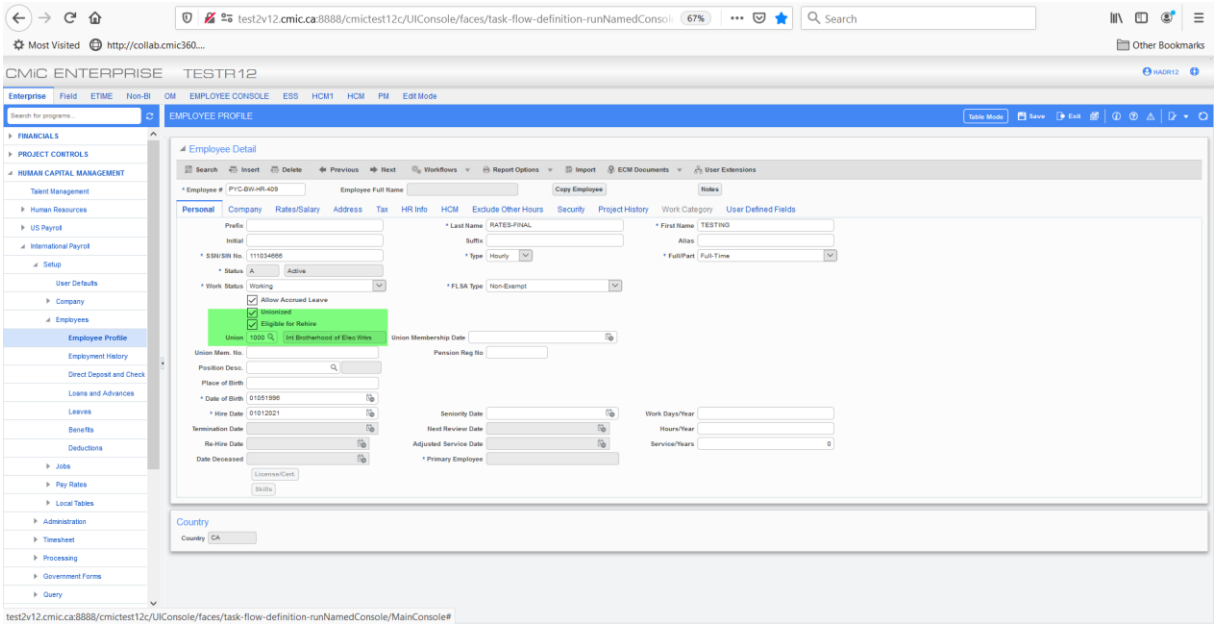
As shown in the screenshot above, the dates in the Posting Date column are calculated by adding 3 days and the dates in the Pay Date column are calculated by adding 5 days.

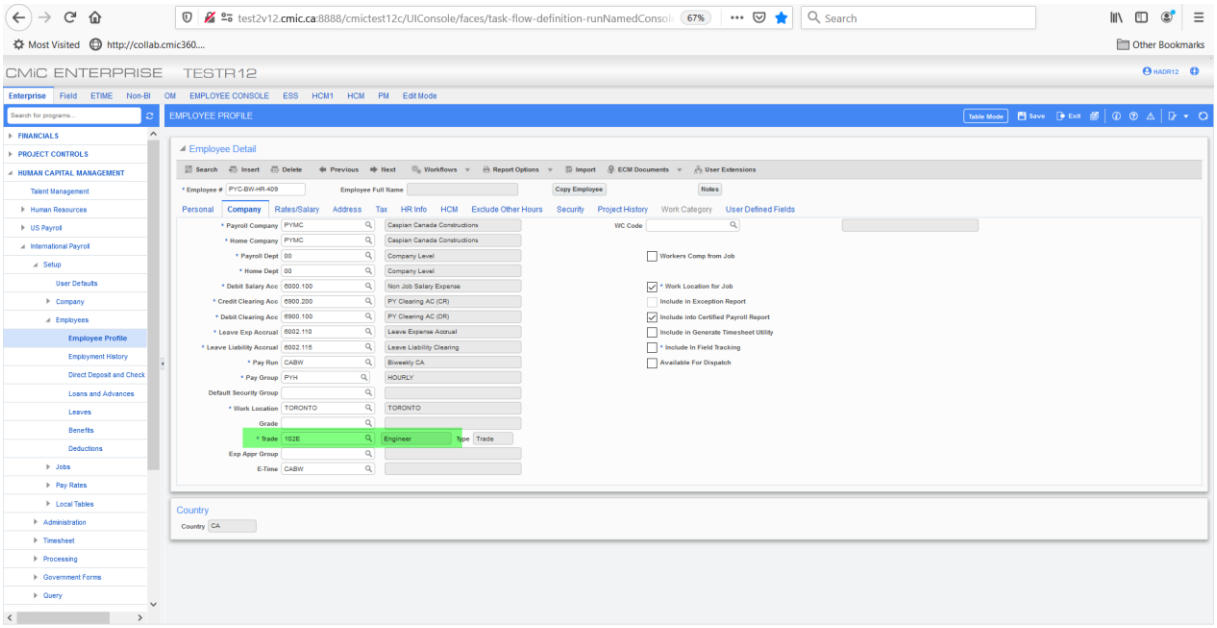
Added Popup Validation for Unavailable Company/Union/Trade Rates (Alternate Feature) (20.29408)

Added trigger in Employee Profile and Employee History to validate if the rates are setup for specific Trades or Unions when setting up an employee. The validation is available by enabling the 'Alternate Feature' in the database. The validation is triggered when the "Preferred Rate/Charge or Bill Rate" drop down is used to select Trade or Union. If the Trade or Union exists, another validation fires to validate if rates have been set up. If rates have not been set up the system gives a soft warning. If the rates are set up, there will be no warning or popup.

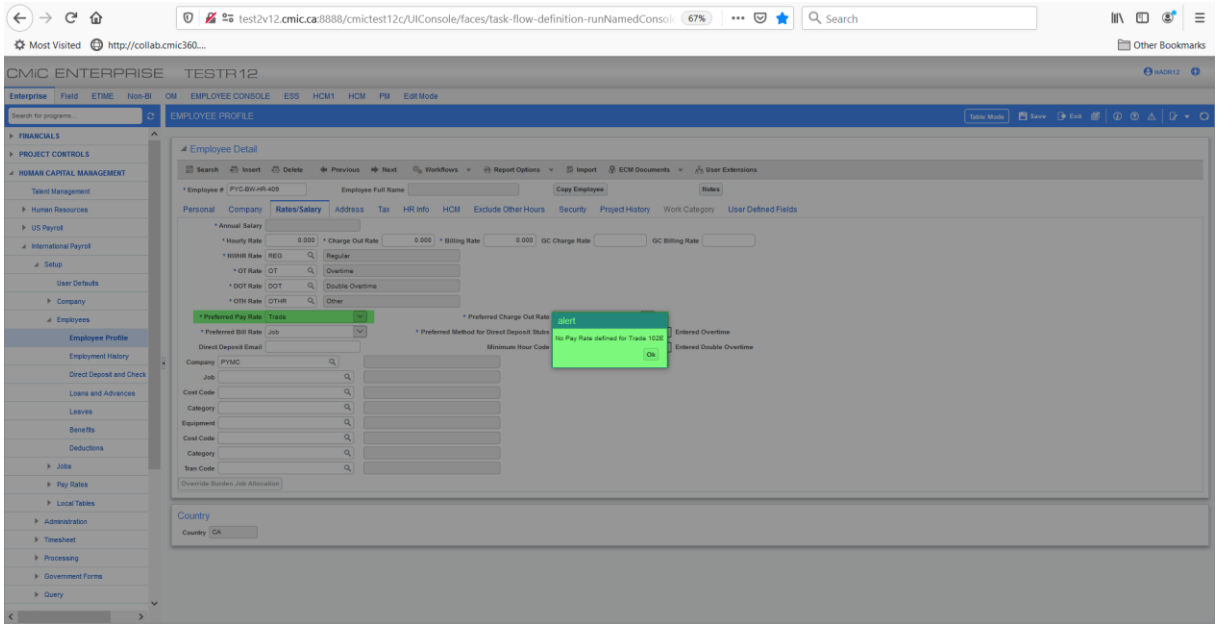
Example:

User creates a new employee which belongs to Union 1000 and trade 102E. There are no Rates setup for Union 1000 and Trade 102E.

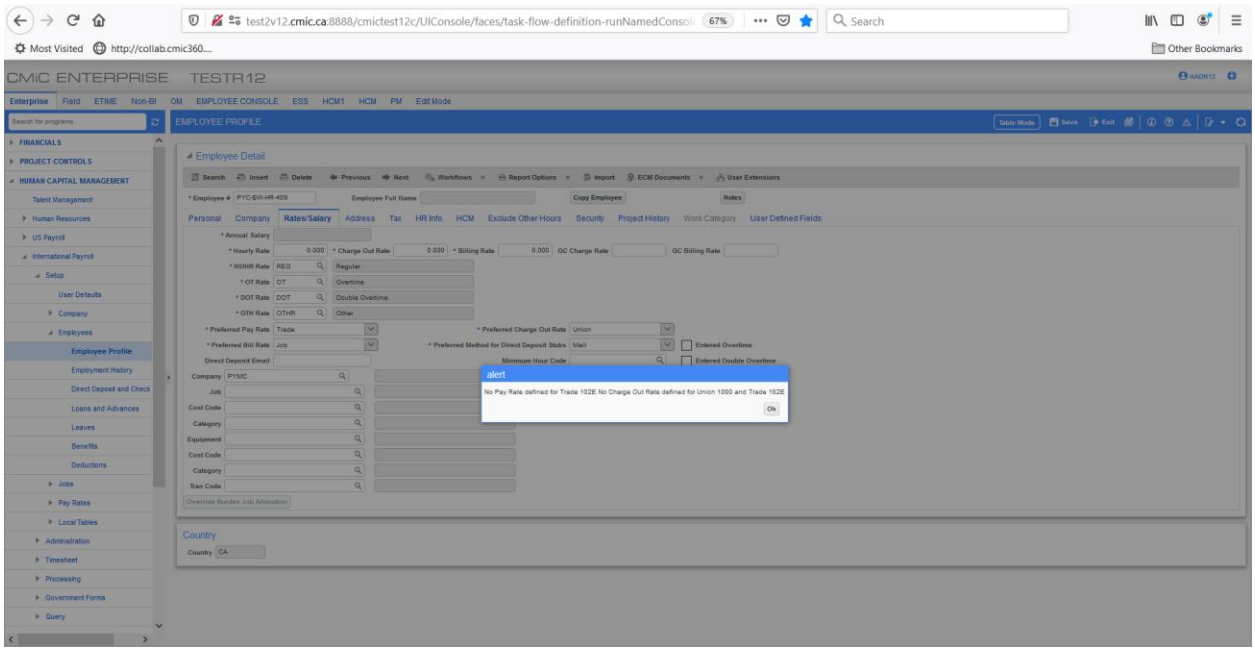




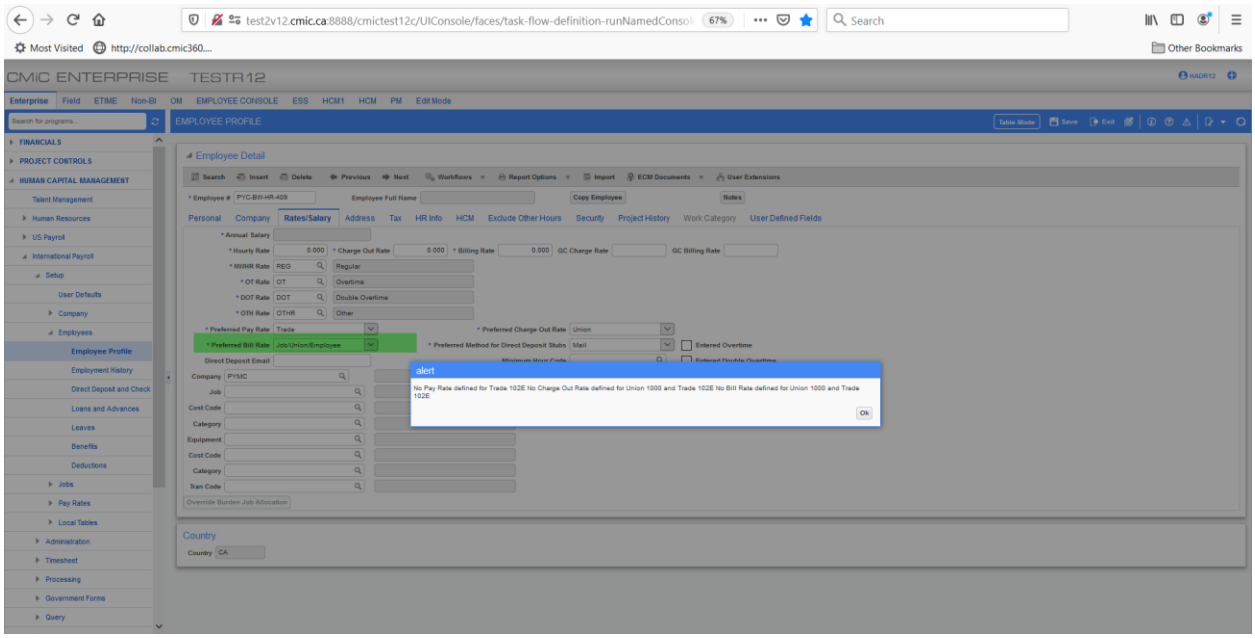
When user tries to select “Preferred Pay Rate” by Trade, the popup message is displayed warning user that “No Pay Rate Defined for Trade 102E”. When click “OK” the program navigates to “Preferred Charge Out Rate” field.



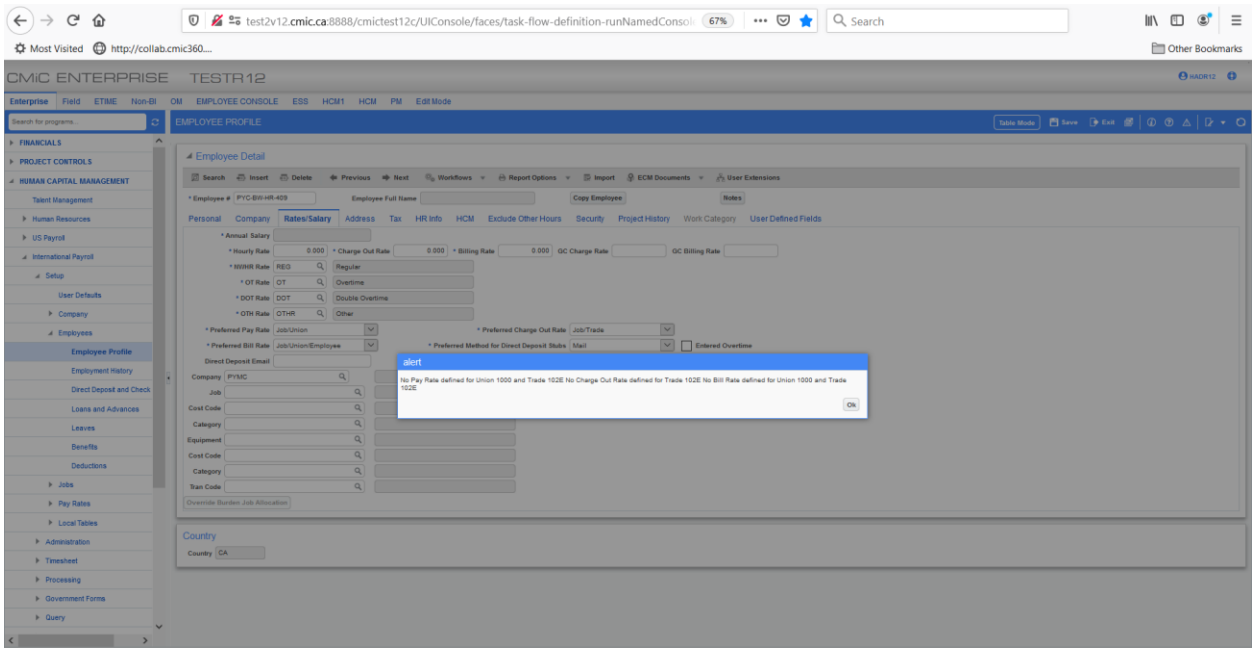
When user tries to select “Preferred Charge Out Rate” by Union, the popup message is displayed warning user that “No Pay Rate defined for Trade 102E No Charge Out Rate Defined for Union 1000 and Trade 102E”. When click “OK” the program navigates to “Preferred Bill Rate” field.



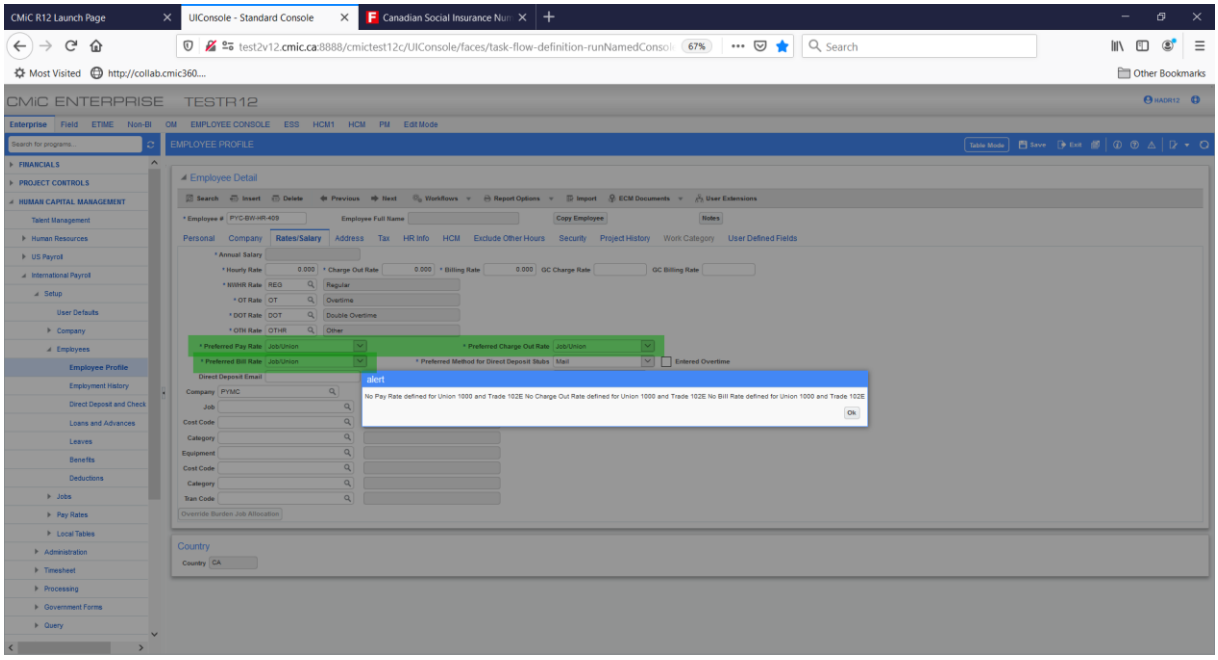
When user tries to select “Preferred Bill Rate” by Job/Union/Employee, the popup message is displayed warning user that “No Pay Rate defined for Trade 102E No Charge Out Rate defined for Union 1000 and Trade 102E No Bill Rate Defined for Trade 102E”. When click “OK” the program navigates to next field.

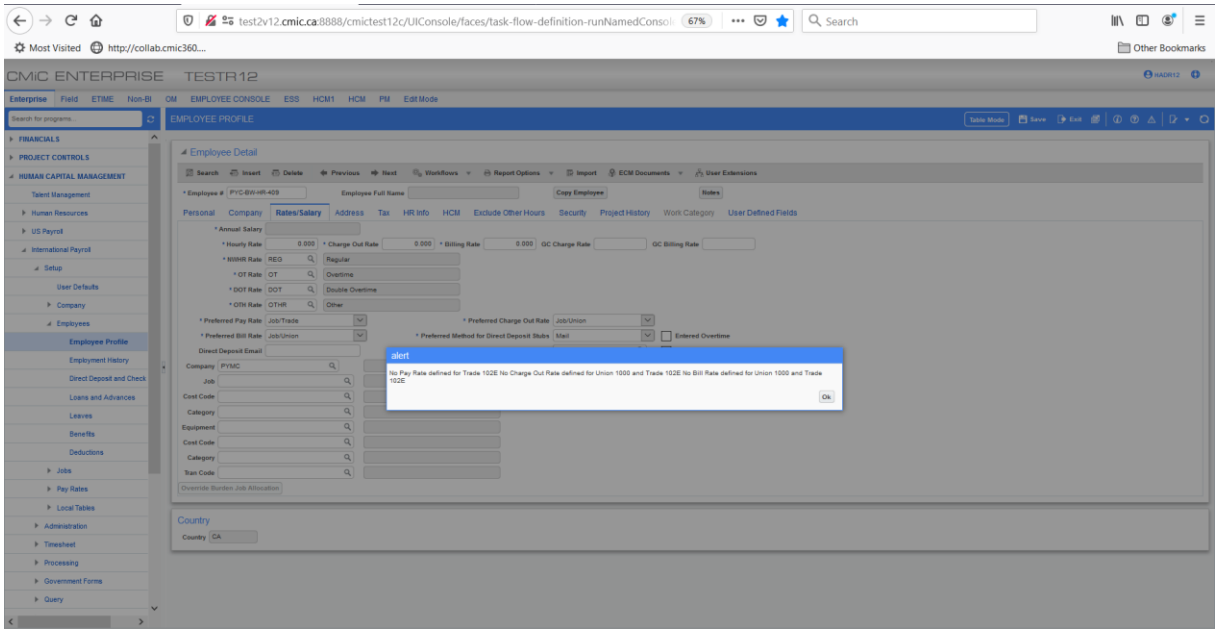


The same popup message is displayed when user selects “Preferred Rate” by Job/Union for Pay Rate.

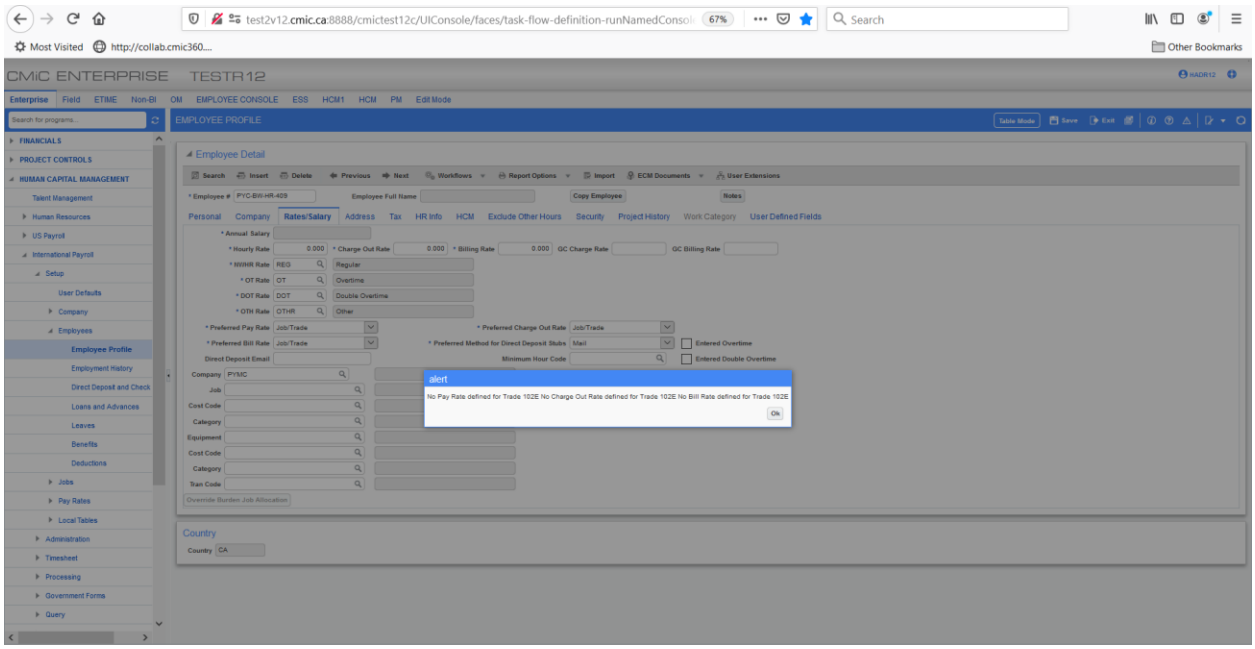


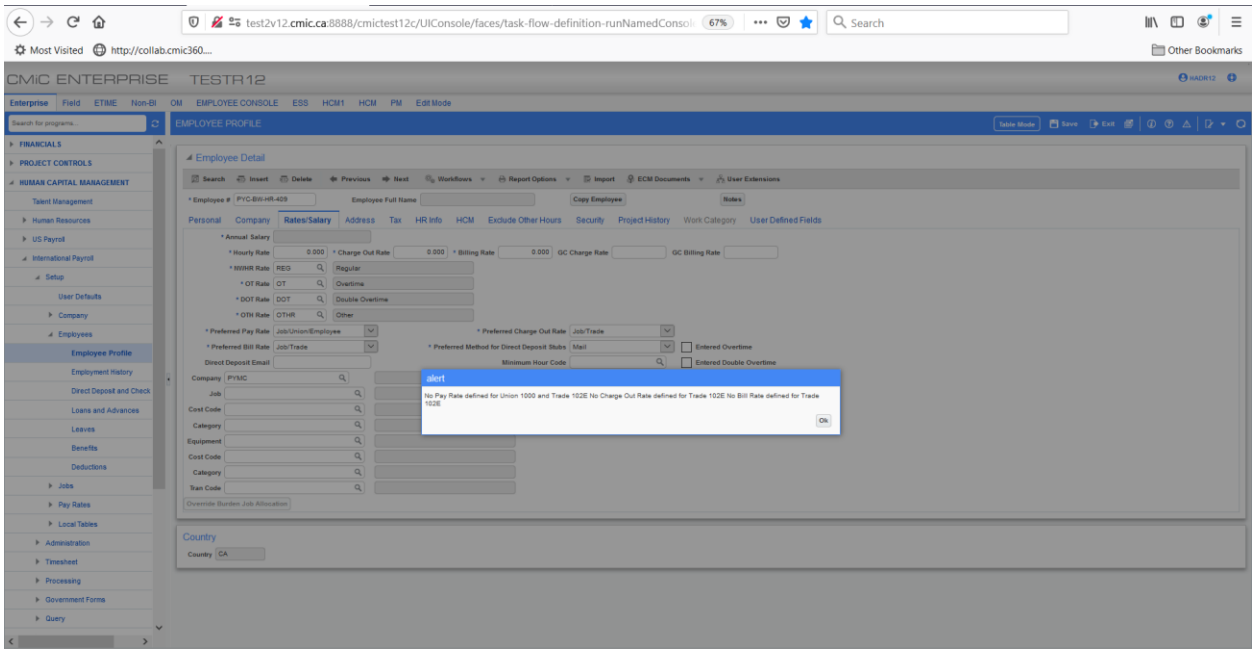
Union will always check union rates then trade rates just as the following screenshot.



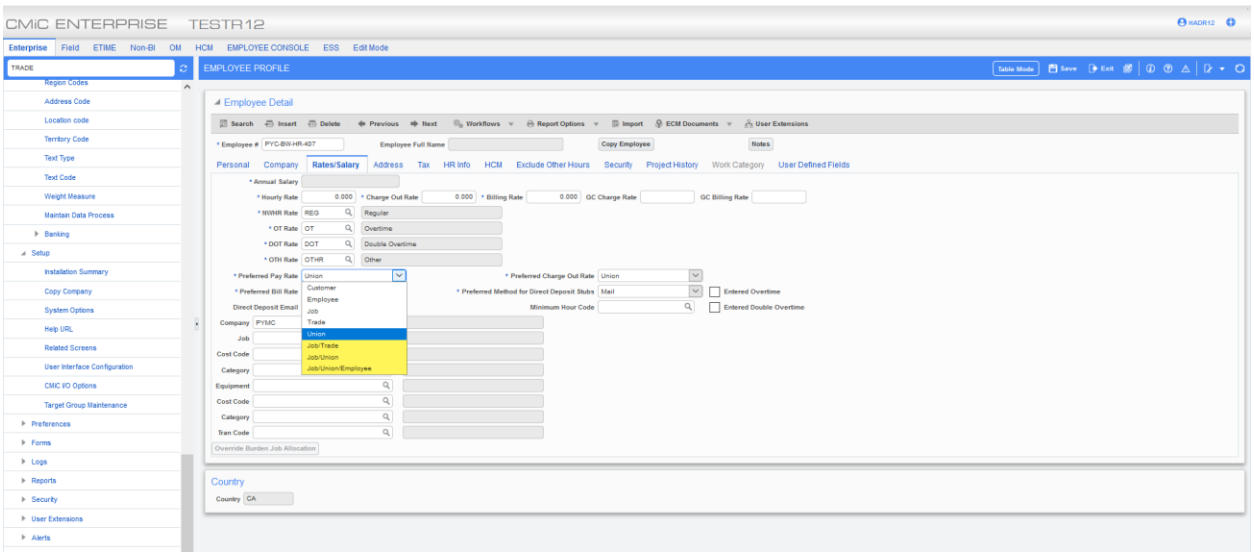


Trade will only check for trade rates within the program.





The modification is also applied to other “Preferred Rate” drop down menu options which are related to Trade and Union: Job/Trade, Job/Union and Job/Union/Employee.



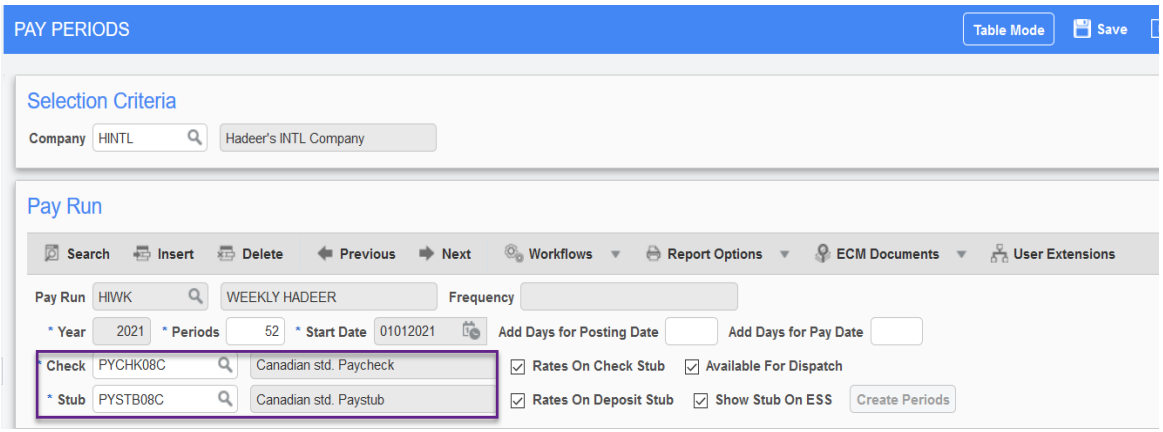
<u>The same Company/Union/Trade Rates validation pop up has been introduced for the following JSP screens:</u>

Employee Console-> Employee Profile

HCM >Hired Applicant screen when hiring hired applicant and creating a new employee.

Canadian Custom Stubs (20.32566)

CMiC has created a new format for Canadian pay stubs and pay checks. The new format codes are “PYSTB08C” and “PYCHK08C”.



Pgm: PYPAYPRD – Pay Period Maintenance; standard Treeview path: US Payroll > Setup > Company > Pay Periods

Pre-requisites

Set up pay run for employee with the check format “PYCHK08C” and the stub format “PYSTB08C”.

Modifications

On the Pay Periods screen, added “PYCHK08C” to list of available check formats in the Check field and “PYSTB08C” to the list of available stub formats in the Stub field.

User must insert timesheet for hourly employee, post timesheet, process payroll, and process check and pay stub.

Examples of the two templates are provided below.

Template of PYCHK08C:

CMiC Hadeer's INTL Company
12 Yonge St.
Toronto ON M9W5E3

Company:	HINTL			**Trade:**	CE17	**Pay Period:**	12
Employee ID:	EMPH-UNION03			**Union:**	UFCW	**Start Date:**	2021-03-19
Employee Name:	UNION02, EMPH			**Dept:**	00	**End Date:**	2021-03-25

EARNINGS

DESCRIPTION	RATE	HOURS	THIS PERIOD	TO - DATE
Taxable:				
REGULAR WAGES	42.00	40	1,680.00	1,680.00
TOTAL		**40**	**1,680.00**	**1,680.00**

DEDUCTIONS

DESCRIPTION	THIS PERIOD	TO - DATE	DESCRIPTION	THIS PERIOD	TO - DATE
Fed Tax	237.39	237.39			
EEHT	14.42	14.42			
PWHT	105.60	105.60			
EI1	26.55	26.55			
CPP1	87.89	87.89			
TOTAL	**471.85**	**471.85**			

	YTD Amounts	Total this Record
Total Gross	1680	1,680.00
Taxable Gross	1,680.00	1,680.00
Pensionable Earning	1,680.00	1,680.00
CPP Contribution	87.89	87.89
Insurable Earning	1,680.00	1,680.00
EI Premiums	26.55	26.55

Total Net:	1,208.15
Pay Date:	Mar 25, 2021
Cheque No:	152
On File Exemption Amt:	13,808.00

Leave Balance (in days)
The balances shown below are as of today

Leave Code	Acru/Elg	Used Balance
Vacation	0.23	0.23
Paid Time Off	0.29	0.29

CMiC Hadeer's INTL Company
12 Yonge St.
Toronto ON M9W5E3

Bank of Montreal
RATATA

Cheque No: **152**

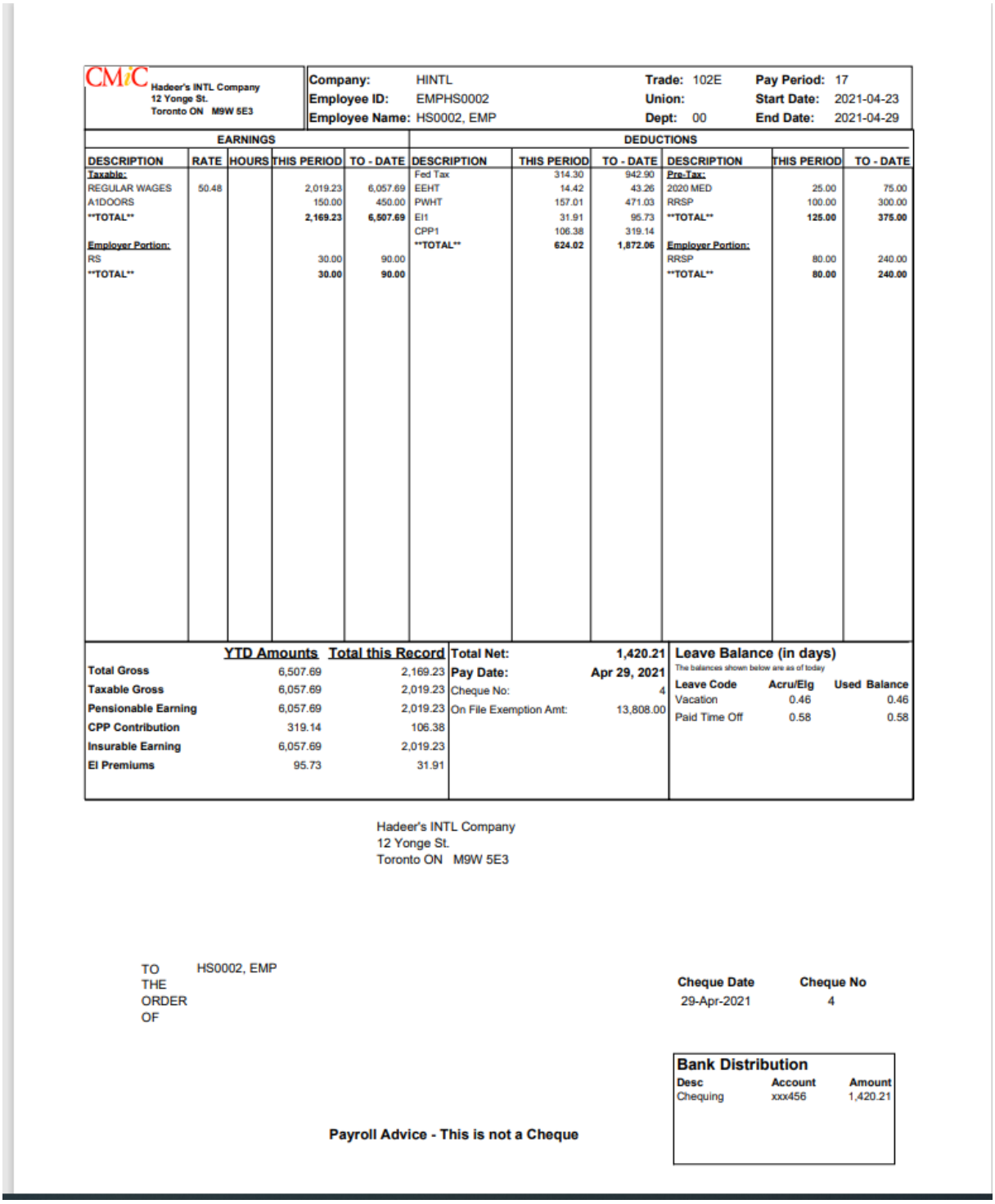
DATE: 2021-03-25

ONE THOUSAND TWO HUNDRED EIGHT DOLLARS 15/100 **$****1,208.15**

TO THE ORDER OF **UNION02, EMPH**
ON M9V5E3

AUTHORIZED SIGNATURE

Template of STB08C:



CMiC

Hadeer's INTL Company
12 Yonge St.
Toronto ON M9W 5E3

Company: HINTL
Employee ID: EMPHS0002
Employee Name: HS0002, EMP

Trade: 102E
Union:
Dept: 00

Pay Period: 17
Start Date: 2021-04-23
End Date: 2021-04-29

EARNINGS

DESCRIPTION	RATE	HOURS	THIS PERIOD	TO - DATE
Taxable:				
REGULAR WAGES	50.48		2,019.23	6,057.69
A1DOORS			150.00	450.00
TOTAL			**2,169.23**	**6,507.69**
Employer Portion:				
RS			30.00	90.00
TOTAL			**30.00**	**90.00**

DEDUCTIONS

DESCRIPTION	THIS PERIOD	TO - DATE
Fed Tax	314.30	942.90
EEHT	14.42	43.26
PWHT	157.01	471.03
EI1	31.91	95.73
CPP1	106.38	319.14
TOTAL	**624.02**	**1,872.06**

DESCRIPTION	THIS PERIOD	TO - DATE
Pre-Tax:		
2020 MED	25.00	75.00
RRSP	100.00	300.00
TOTAL	**125.00**	**375.00**
Employer Portion:		
RRSP	80.00	240.00
TOTAL	**80.00**	**240.00**

	YTD Amounts	Total this Record
Total Gross	6,507.69	2,169.23
Taxable Gross	6,057.69	2,019.23
Pensionable Earning	6,057.69	2,019.23
CPP Contribution	319.14	106.38
Insurable Earning	6,057.69	2,019.23
EI Premiums	95.73	31.91

Total Net:	1,420.21
Pay Date:	Apr 29, 2021
Cheque No:	4
On File Exemption Amt:	13,808.00

Leave Balance (in days)
The balances shown below are as of today

Leave Code	Acru/Elg	Used Balance
Vacation	0.46	0.46
Paid Time Off	0.58	0.58

Hadeer's INTL Company
12 Yonge St.
Toronto ON M9W 5E3

TO THE ORDER OF HS0002, EMP

Cheque Date	Cheque No
29-Apr-2021	4

Bank Distribution

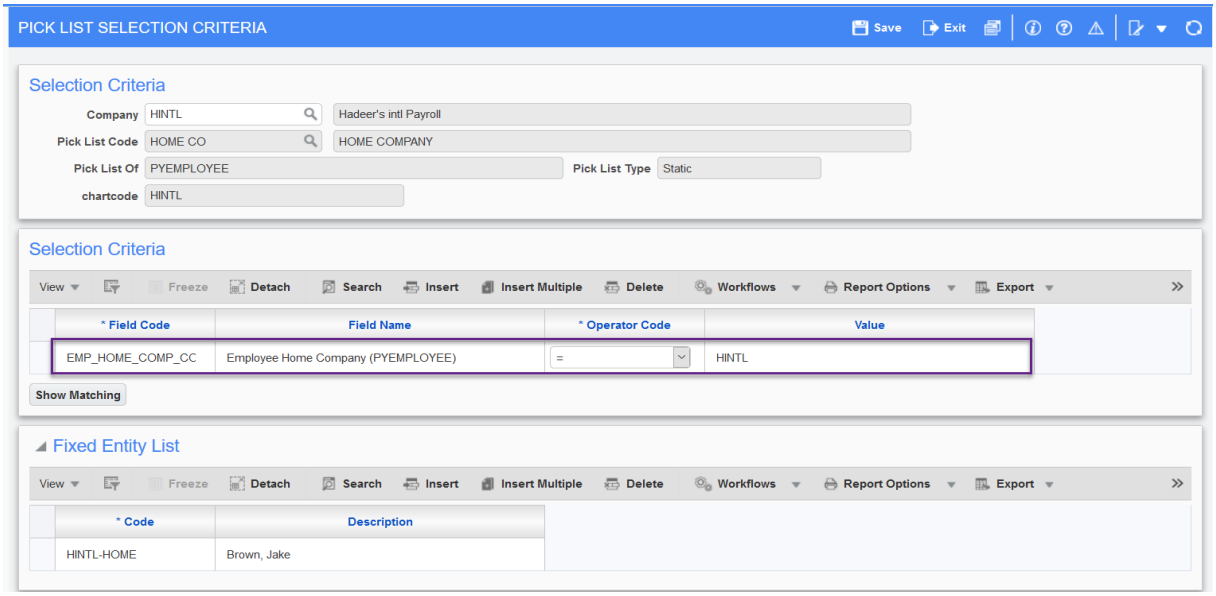
Desc	Account	Amount
Chequing	xxx456	1,420.21

Payroll Advice - This is not a Cheque

Dynamic Employee Pick List (21.38287)

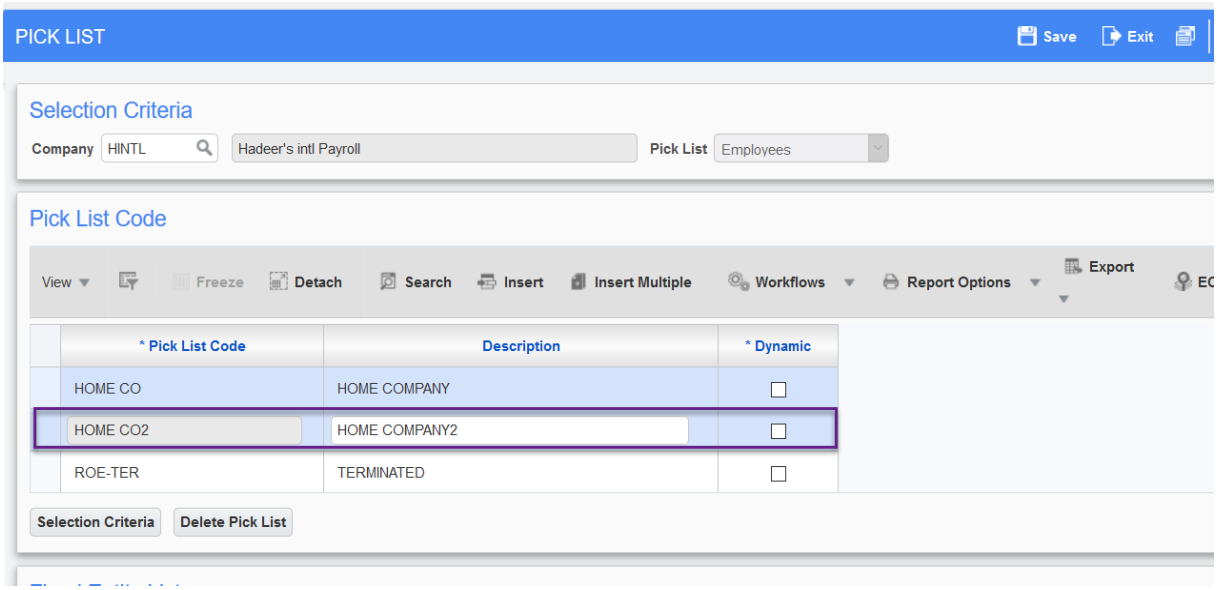
Add emp_home_comp_code to Dynamic Employee Picklist Criteria.

This modification allows the user to add the employee home company code from Employee Profile into the Employee picklist.

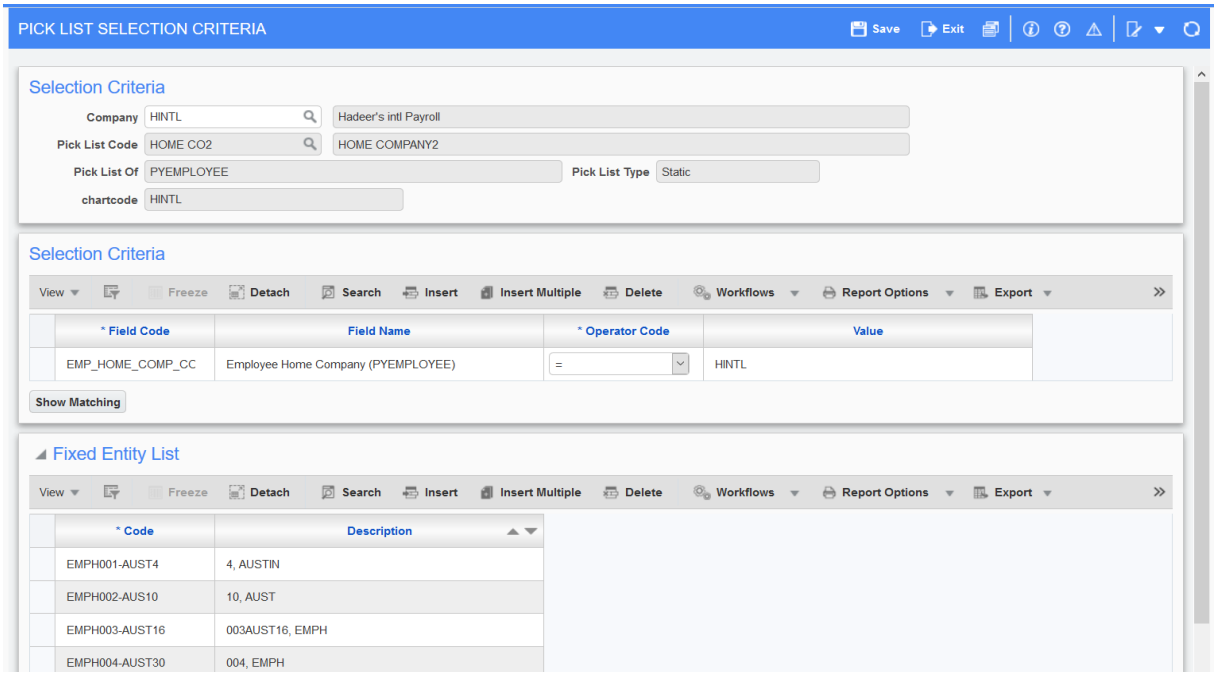


Pre-requisites

The user should go to Employee Pick List screen, insert a new pick list code, and press [“Selection Criteria] button. In the Selection Criteria popup screen insert a new line and enter “EMP_HOME_COMP_CODE” in the Field Code field.



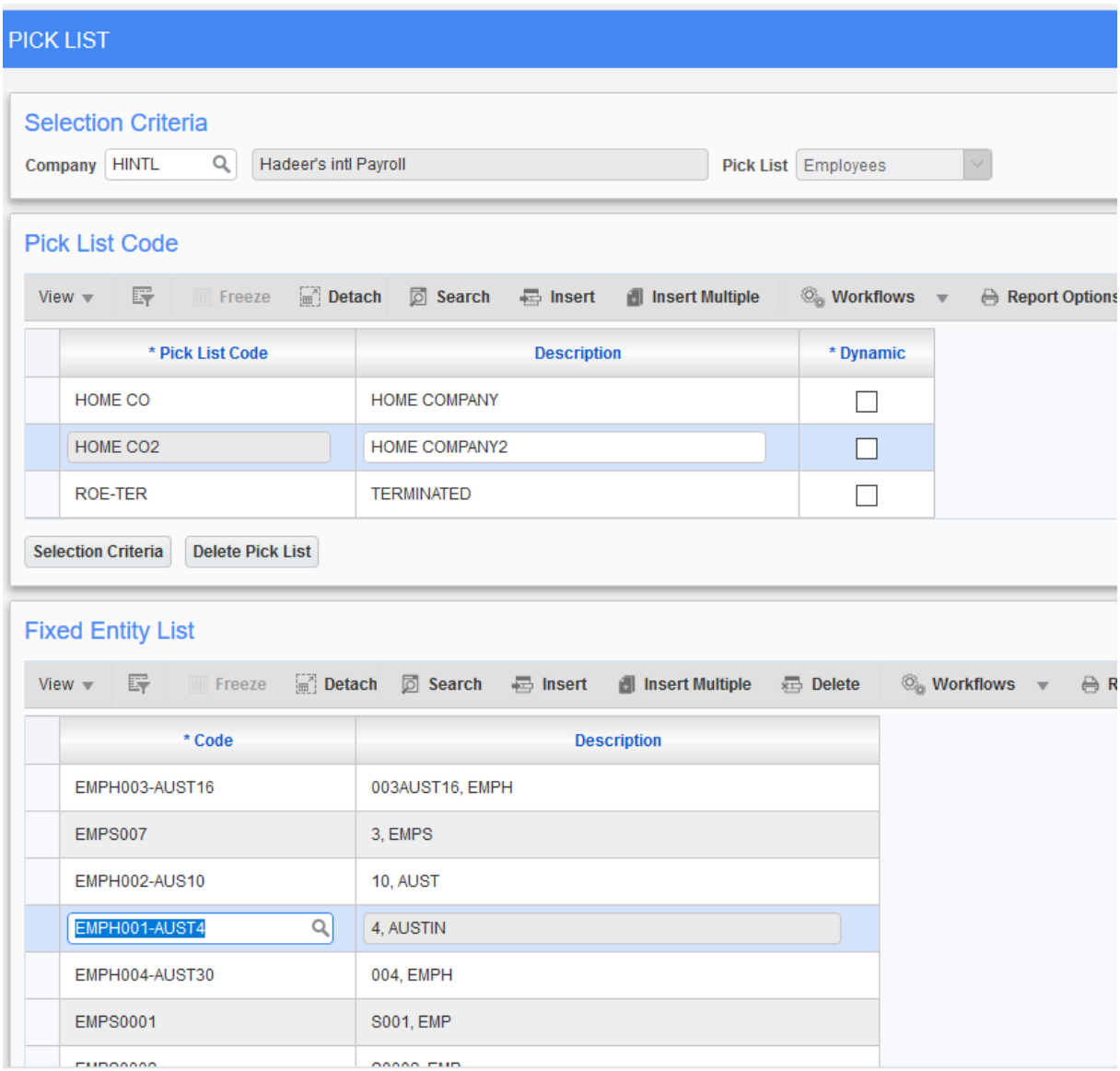
Press the [“show Matching”] button to display all the matching values in the Fixed Entity List section.



Modifications

CMiC has enhanced the employee pick list functionality to add EMP_HOME_COMP_CODE into the Selection Criteria section. This will allow the user to create a dynamic employee picklist by choosing the home company code.

Below, a new value of “EMP_HOME_COMP_CODE” has been added to the employee pick list.



Charging Job Timesheets Directly in Job Company Currency Without Currency Conversion from Payroll Company Currency (21.41765)

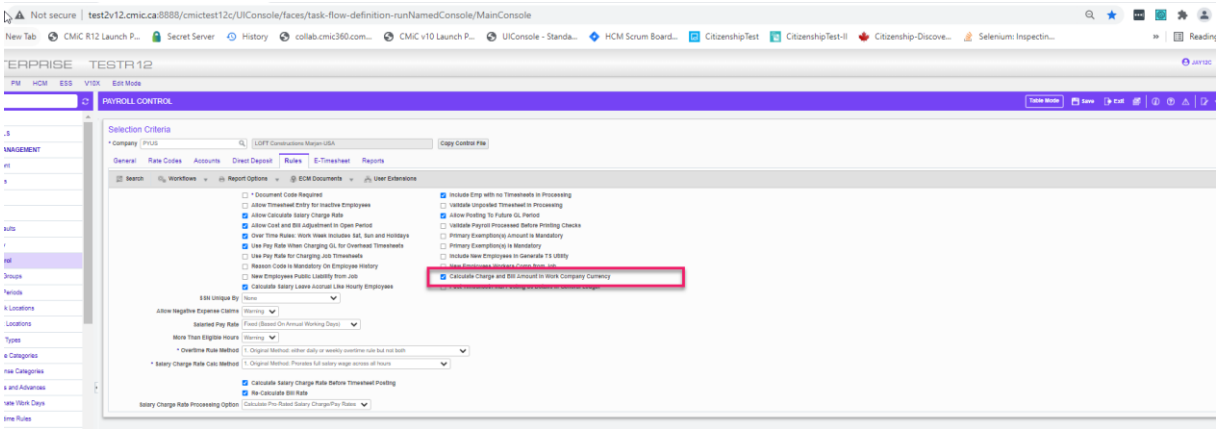
Overview

This enhancement will charge Job Timesheets to Job (in Job Costing) directly in Job Company Currency without converting the amount from Payroll Company Currency at all.

For example, if 10 hours are entered by a Canadian Employee (with Hourly Pay Rate of 100 CAD) against a US Job Company, the US job would be charged 1000 USD directly instead of converting 1000 CAD to USD before charging the job

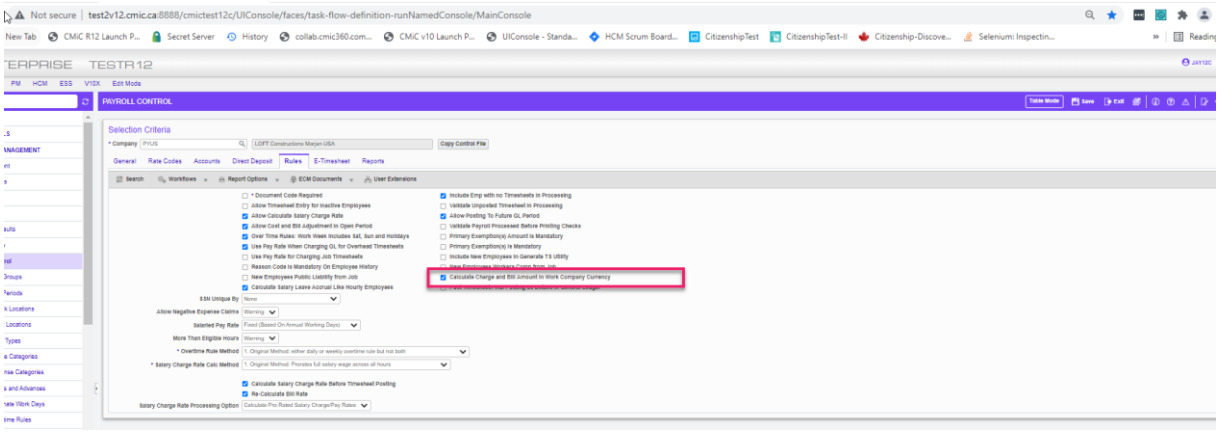
Pre-requisites

1) Flag **Calculate Charge and Bill Amount in Work Company Currency** should be enabled in Company Control (US Payroll>>Setup>>Company>>Control)



Modifications

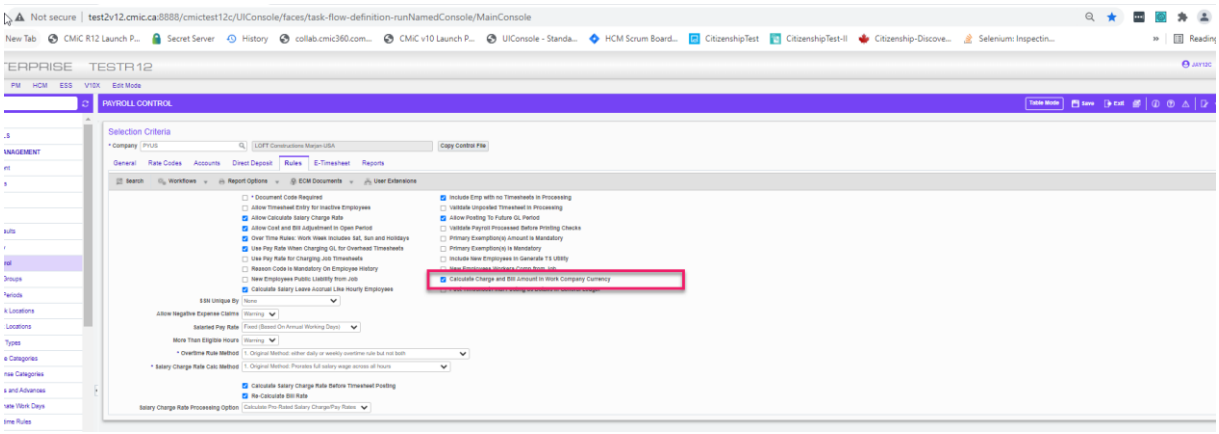
1) New flag **Calculate Charge and Bill Amount in Work Company Currency** has been added on Company Control (US Payroll>>Setup>>Company>>Control):



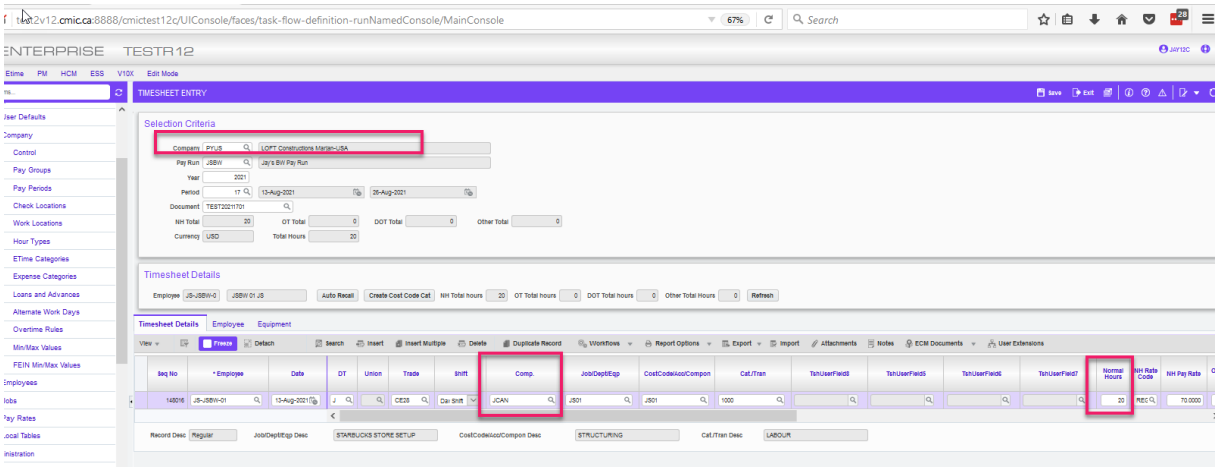
Implementation

The following example demonstrates the implementation of this enhancement:

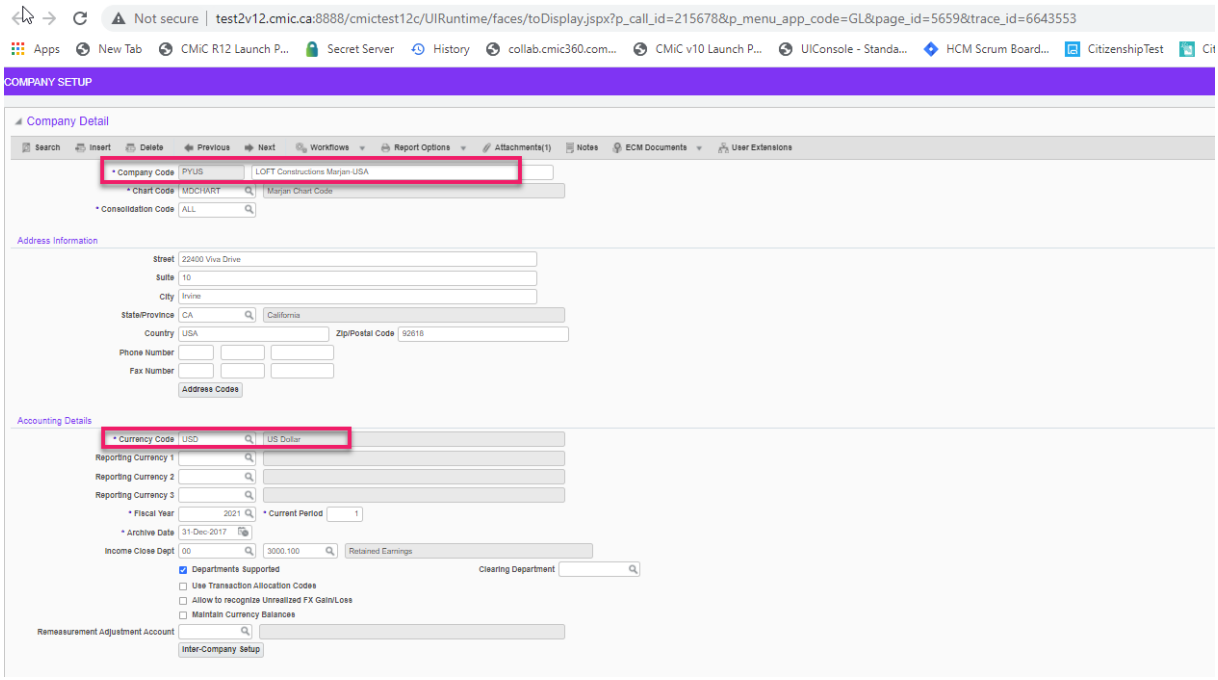
Step 1: check flag **Calculate Charge and Bill Amount in Work Company Currency** in Company Control (US Payroll>>Setup>>Company>>Control)



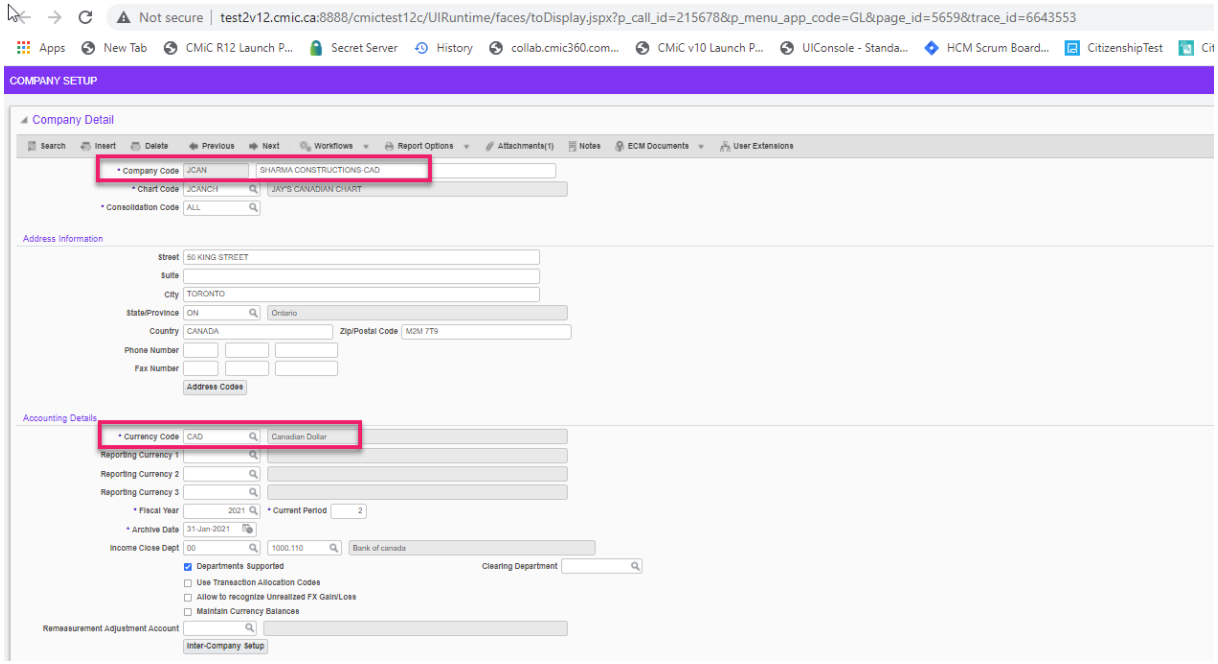
Step 2: Enter time for a US Employee (Payroll Company currency is USD) against a Canadian Company Job (Work Company Currency is CAD):



As shown below, Payroll Company uses USD as currency:

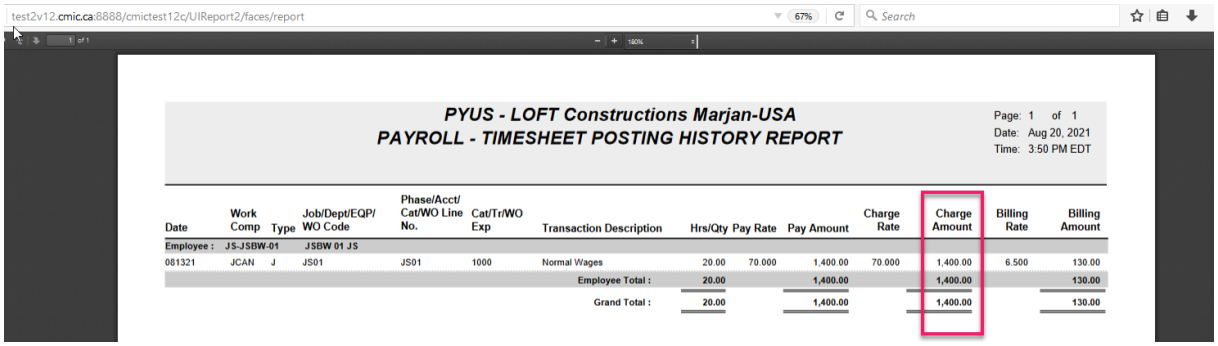


As shown below, Job Company uses CAD as currency:



Step 3: Post Timesheet. As shown below, labor cost charged to job was not converted from Payroll Company Currency to Job Company Currency. Instead, labor cost is simply charged to job in Job Company currency:

Employee Charge Amount in USD (Payroll Company Currency):

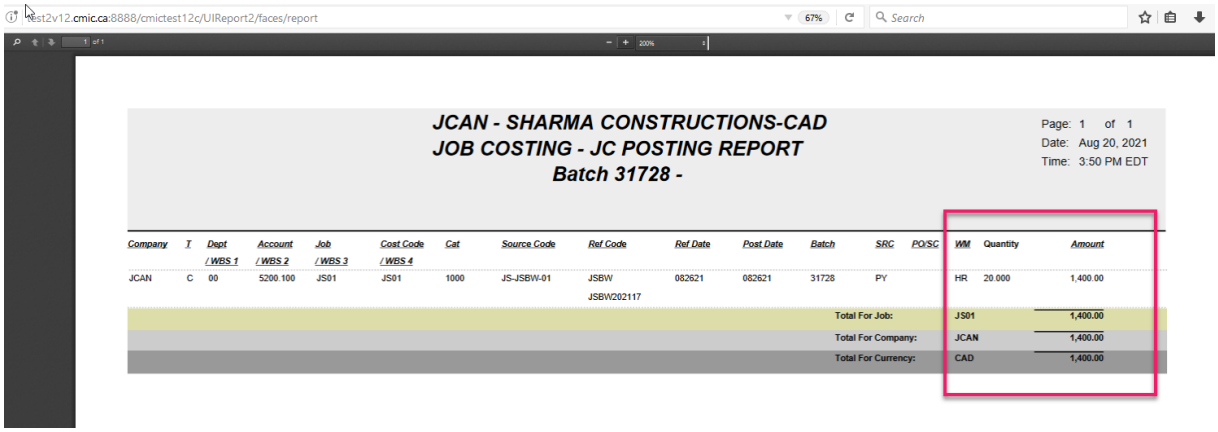


PYUS - LOFT Constructions Marjan-USA
PAYROLL - TIMESHEET POSTING HISTORY REPORT

Page: 1 of 1
Date: Aug 20, 2021
Time: 3:50 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 :	JS-JSBW-01		JSBW 01 JS										
081321	JCAN	J	JS01	JS01	1000	Normal Wages	20.00	70.000	1,400.00	70.000	1,400.00	6.500	130.00
						Employee Total :	20.00		1,400.00		1,400.00		130.00
						Grand Total :	20.00		1,400.00		1,400.00		130.00

Job Charge Amount in CAD (Job Company Currency) with no currency conversion from Payroll Company Currency:

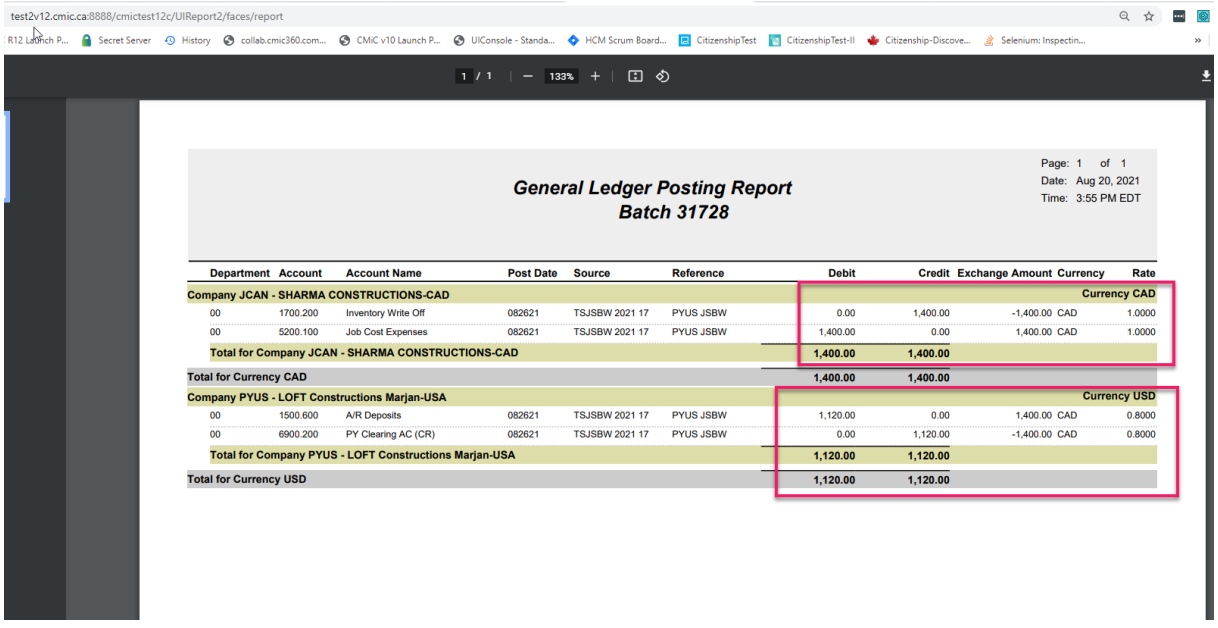


JCAN - SHARMA CONSTRUCTIONS-CAD
JOB COSTING - JC POSTING REPORT
Batch 31728 -

Page: 1 of 1
Date: Aug 20, 2021
Time: 3:50 PM EDT

Company	T	Dept / WBS 1	Account / WBS 2	Job / WBS 3	Cost Code / WBS 4	Cat	Source Code	Ref Code	Ref Date	Post Date	Batch	SRC	PO/SC	WM	Quantity	Amount
JCAN	C	00	5200.100	JS01	JS01	1000	JS-JSBW-01	JSBW JSBW202117	082621	082621	31728	PY		HR	20.000	1,400.00
													Total For Job:	JS01		1,400.00
													Total For Company:	JCAN		1,400.00
													Total For Currency:	CAD		1,400.00

GL Report:



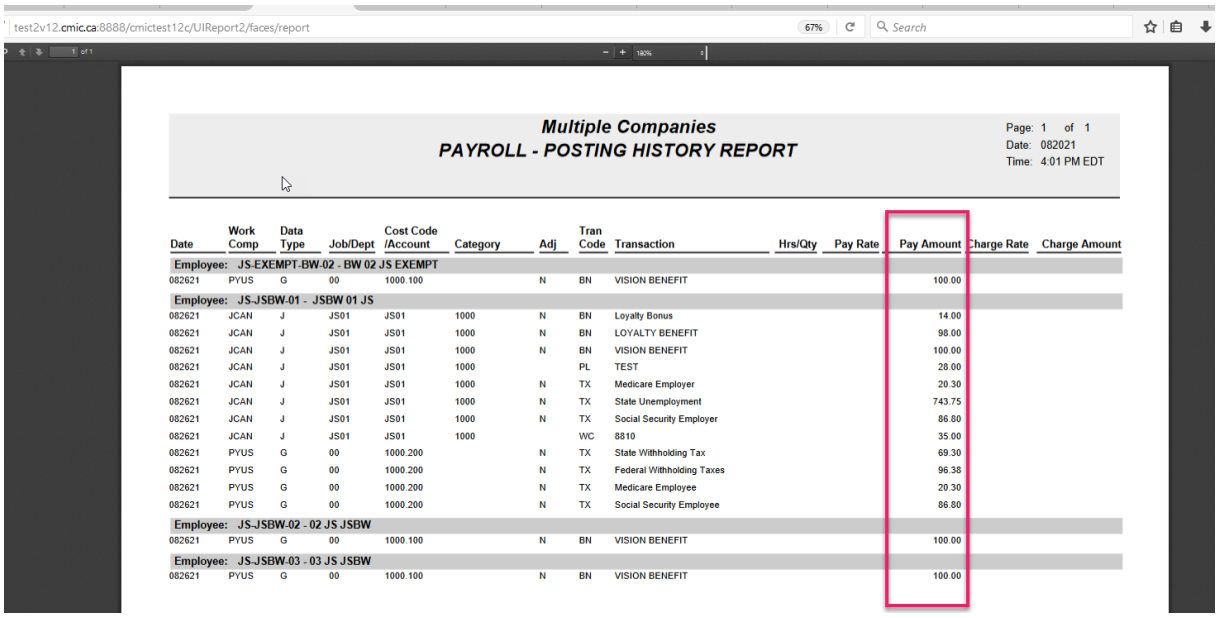
General Ledger Posting Report
Batch 31728

Page: 1 of 1
Date: Aug 20, 2021
Time: 3:55 PM EDT

Department	Account	Account Name	Post Date	Source	Reference	Debit	Credit	Exchange Amount	Currency	Rate
Company JCAN - SHARMA CONSTRUCTIONS-CAD										Currency CAD
00	1700.200	Inventory Write Off	082621	TSJSBW 2021 17	PYUS JSBW	0.00	1,400.00	-1,400.00	CAD	1.0000
00	5200.100	Job Cost Expenses	082621	TSJSBW 2021 17	PYUS JSBW	1,400.00	0.00	1,400.00	CAD	1.0000
Total for Company JCAN - SHARMA CONSTRUCTIONS-CAD						1,400.00	1,400.00			
Total for Currency CAD						1,400.00	1,400.00			
Company PYUS - LOFT Constructions Marjan-USA										Currency USD
00	1500.600	A/R Deposits	082621	TSJSBW 2021 17	PYUS JSBW	1,120.00	0.00	1,400.00	CAD	0.8000
00	6900.200	PY Clearing AC (CR)	082621	TSJSBW 2021 17	PYUS JSBW	0.00	1,120.00	-1,400.00	CAD	0.8000
Total for Company PYUS - LOFT Constructions Marjan-USA						1,120.00	1,120.00			
Total for Currency USD						1,120.00	1,120.00			

Step 4: Run Payroll Processing, Check Processing and Print Checks.

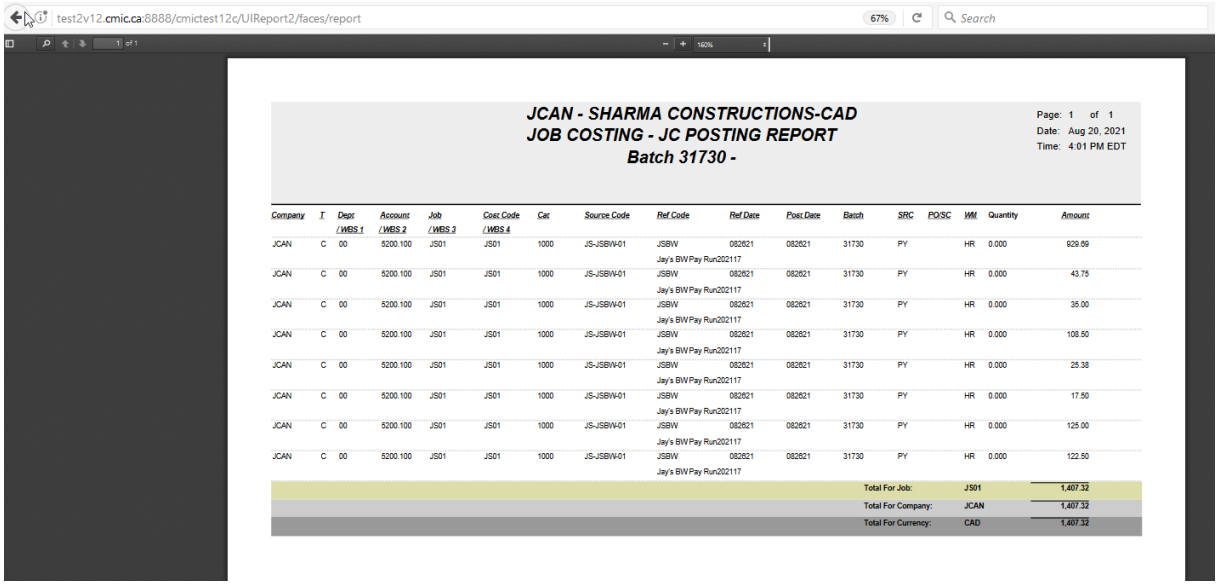
Step 5: Do Final Payroll Posting. As shown below, payroll burdens are calculated in Payroll Currency (USD) and then converted to Job Company currency (CAD) to be charged to Job:



Multiple Companies
PAYROLL - POSTING HISTORY REPORT

Page: 1 of 1
Date: 082021
Time: 4:01 PM EDT

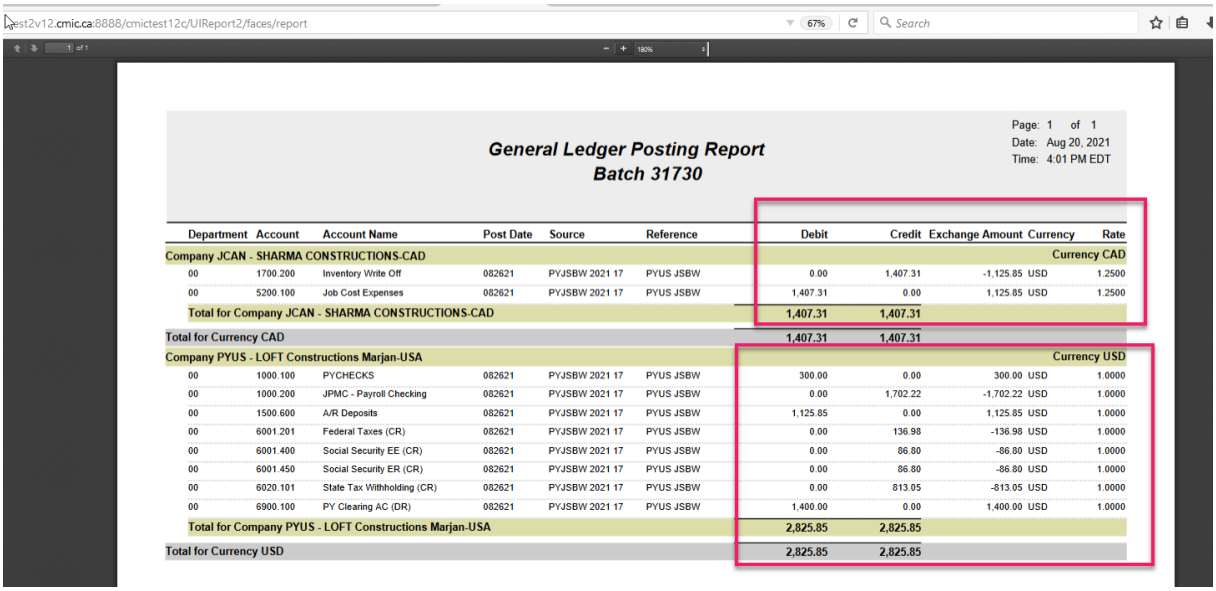
Date	Work Comp	Data Type	Job/Dept	Cost Code /Account	Category	Adj	Tran Code	Transaction	Hrs/Qty	Pay Rate	Pay Amount	Charge Rate	Charge Amount
Employee: JS-EXEMPT-BW-02 - BW 02 JS EXEMPT													
082621	PYUS	G	00	1000.100		N	BN	VISION BENEFIT			100.00		
Employee: JS-JSBW-01 - JSBW 01 JS													
082621	JCAN	J	JS01	JS01	1000	N	BN	Loyalty Bonus			14.00		
082621	JCAN	J	JS01	JS01	1000	N	BN	LOYALTY BENEFIT			98.00		
082621	JCAN	J	JS01	JS01	1000	N	BN	VISION BENEFIT			100.00		
082621	JCAN	J	JS01	JS01	1000		PL	TEST			28.00		
082621	JCAN	J	JS01	JS01	1000	N	TX	Medicare Employer			20.30		
082621	JCAN	J	JS01	JS01	1000	N	TX	State Unemployment			743.75		
082621	JCAN	J	JS01	JS01	1000	N	TX	Social Security Employer			86.80		
082621	JCAN	J	JS01	JS01	1000		WC	8810			35.00		
082621	PYUS	G	00	1000.200		N	TX	State Withholding Tax			69.30		
082621	PYUS	G	00	1000.200		N	TX	Federal Withholding Taxes			96.38		
082621	PYUS	G	00	1000.200		N	TX	Medicare Employee			20.30		
082621	PYUS	G	00	1000.200		N	TX	Social Security Employee			86.80		
Employee: JS-JSBW-02 - 02 JS JSBW													
082621	PYUS	G	00	1000.100		N	BN	VISION BENEFIT			100.00		
Employee: JS-JSBW-03 - 03 JS JSBW													
082621	PYUS	G	00	1000.100		N	BN	VISION BENEFIT			100.00		



JCAN - SHARMA CONSTRUCTIONS-CAD
JOB COSTING - JC POSTING REPORT
Batch 31730 -

Page: 1 of 1
Date: Aug 20, 2021
Time: 4:01 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
JCAN	C	00	5200.100	JS01	JS01	1000	JS-JSBW-01	JSBW Jay's BW Pay Run202117	082621	082621	31730	PY		HR	0.000	929.69
JCAN	C	00	5200.100	JS01	JS01	1000	JS-JSBW-01	JSBW Jay's BW Pay Run202117	082621	082621	31730	PY		HR	0.000	43.75
JCAN	C	00	5200.100	JS01	JS01	1000	JS-JSBW-01	JSBW Jay's BW Pay Run202117	082621	082621	31730	PY		HR	0.000	35.00
JCAN	C	00	5200.100	JS01	JS01	1000	JS-JSBW-01	JSBW Jay's BW Pay Run202117	082621	082621	31730	PY		HR	0.000	108.50
JCAN	C	00	5200.100	JS01	JS01	1000	JS-JSBW-01	JSBW Jay's BW Pay Run202117	082621	082621	31730	PY		HR	0.000	25.38
JCAN	C	00	5200.100	JS01	JS01	1000	JS-JSBW-01	JSBW Jay's BW Pay Run202117	082621	082621	31730	PY		HR	0.000	17.50
JCAN	C	00	5200.100	JS01	JS01	1000	JS-JSBW-01	JSBW Jay's BW Pay Run202117	082621	082621	31730	PY		HR	0.000	125.00
JCAN	C	00	5200.100	JS01	JS01	1000	JS-JSBW-01	JSBW Jay's BW Pay Run202117	082621	082621	31730	PY		HR	0.000	122.50
															Total For Job:	JS01	1,407.32
															Total For Company:	JCAN	1,407.32
															Total For Currency:	CAD	1,407.32



General Ledger Posting Report
Batch 31730

Page: 1 of 1
Date: Aug 20, 2021
Time: 4:01 PM EDT

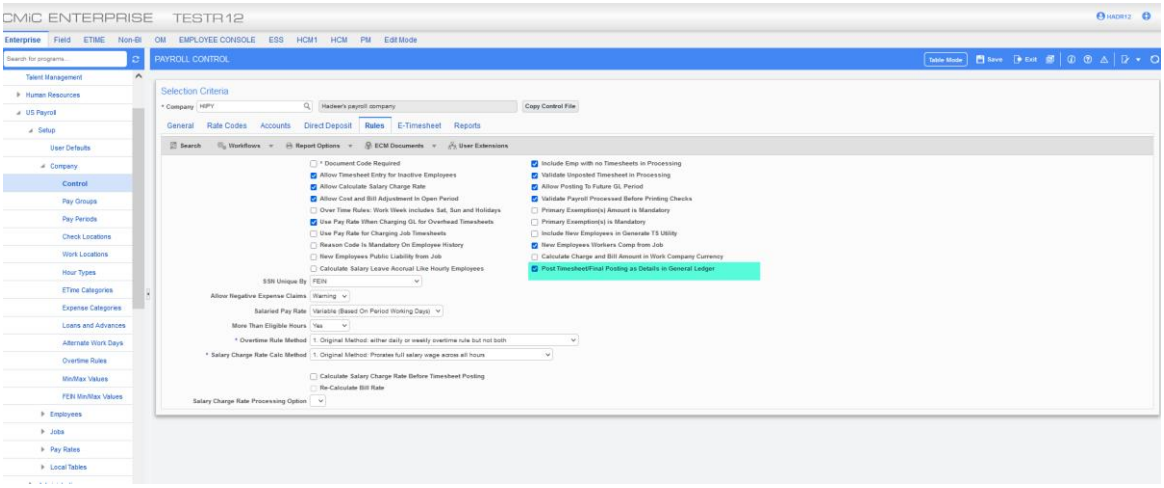
Department	Account	Account Name	Post Date	Source	Reference	Debit	Credit	Exchange Amount	Currency	Rate
Company JCAN - SHARMA CONSTRUCTIONS-CAD										Currency CAD
00	1700.200	Inventory Write Off	082621	PYJSBW 2021 17	PYUS JSBW	0.00	1,407.31	-1,125.85	USD	1.2500
00	5200.100	Job Cost Expenses	082621	PYJSBW 2021 17	PYUS JSBW	1,407.31	0.00	1,125.85	USD	1.2500
Total for Company JCAN - SHARMA CONSTRUCTIONS-CAD						1,407.31	1,407.31			
Total for Currency CAD						1,407.31	1,407.31			
Company PYUS - LOFT Constructions Marjan-USA										Currency USD
00	1000.100	PYCHECKS	082621	PYJSBW 2021 17	PYUS JSBW	300.00	0.00	300.00	USD	1.0000
00	1000.200	JPMC - Payroll Checking	082621	PYJSBW 2021 17	PYUS JSBW	0.00	1,702.22	-1,702.22	USD	1.0000
00	1500.600	A/R Deposits	082621	PYJSBW 2021 17	PYUS JSBW	1,125.85	0.00	1,125.85	USD	1.0000
00	6001.201	Federal Taxes (CR)	082621	PYJSBW 2021 17	PYUS JSBW	0.00	136.98	-136.98	USD	1.0000
00	6001.400	Social Security EE (CR)	082621	PYJSBW 2021 17	PYUS JSBW	0.00	86.80	-86.80	USD	1.0000
00	6001.450	Social Security ER (CR)	082621	PYJSBW 2021 17	PYUS JSBW	0.00	86.80	-86.80	USD	1.0000
00	6020.101	State Tax Withholding (CR)	082621	PYJSBW 2021 17	PYUS JSBW	0.00	813.05	-813.05	USD	1.0000
00	6900.100	PY Clearing AC (DR)	082621	PYJSBW 2021 17	PYUS JSBW	1,400.00	0.00	1,400.00	USD	1.0000
Total for Company PYUS - LOFT Constructions Marjan-USA						2,825.85	2,825.85			
Total for Currency USD						2,825.85	2,825.85			

Timesheet/Final Posting – Details in General Ledger (21.43289)

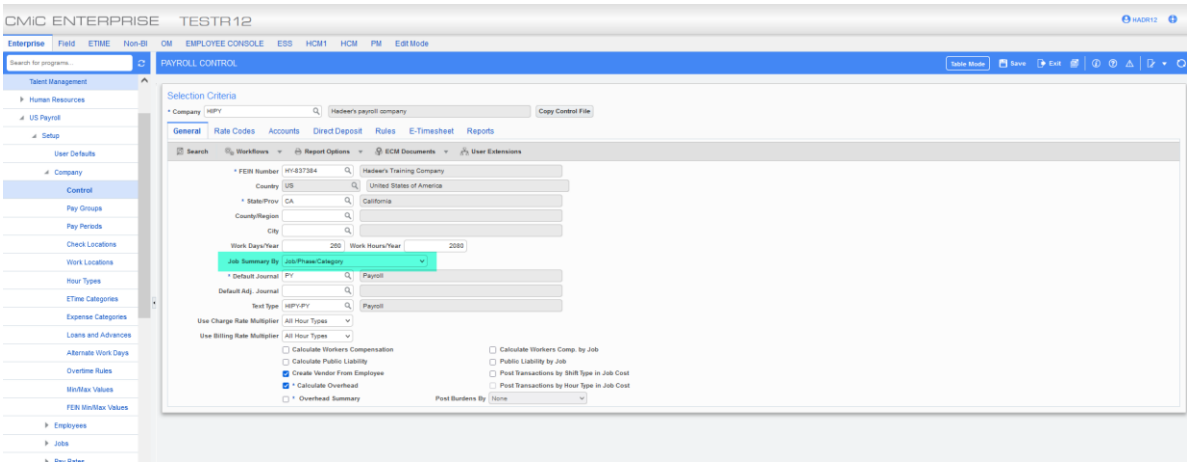
A new flag added to the Payroll Company Control under 'Rules' tab to allow Timesheet Posting and Payroll Posting to be grouped by job when posting into General Ledger.

The flag allows entries into GL to split for each job.

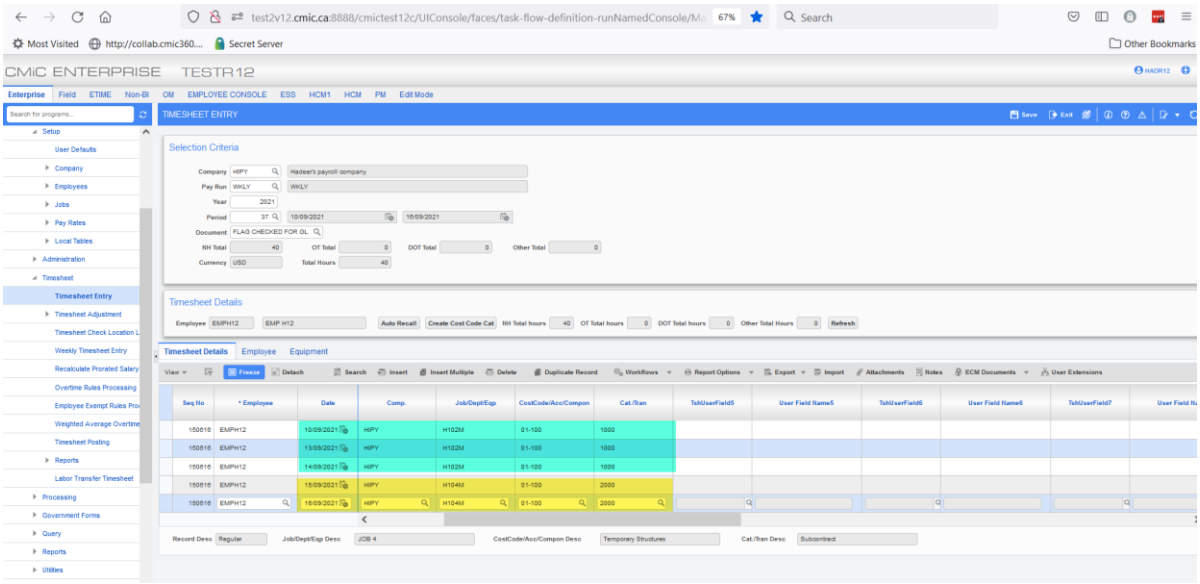
1. Check the flag for Post Timesheet/Final Posting as Details in General Ledger.



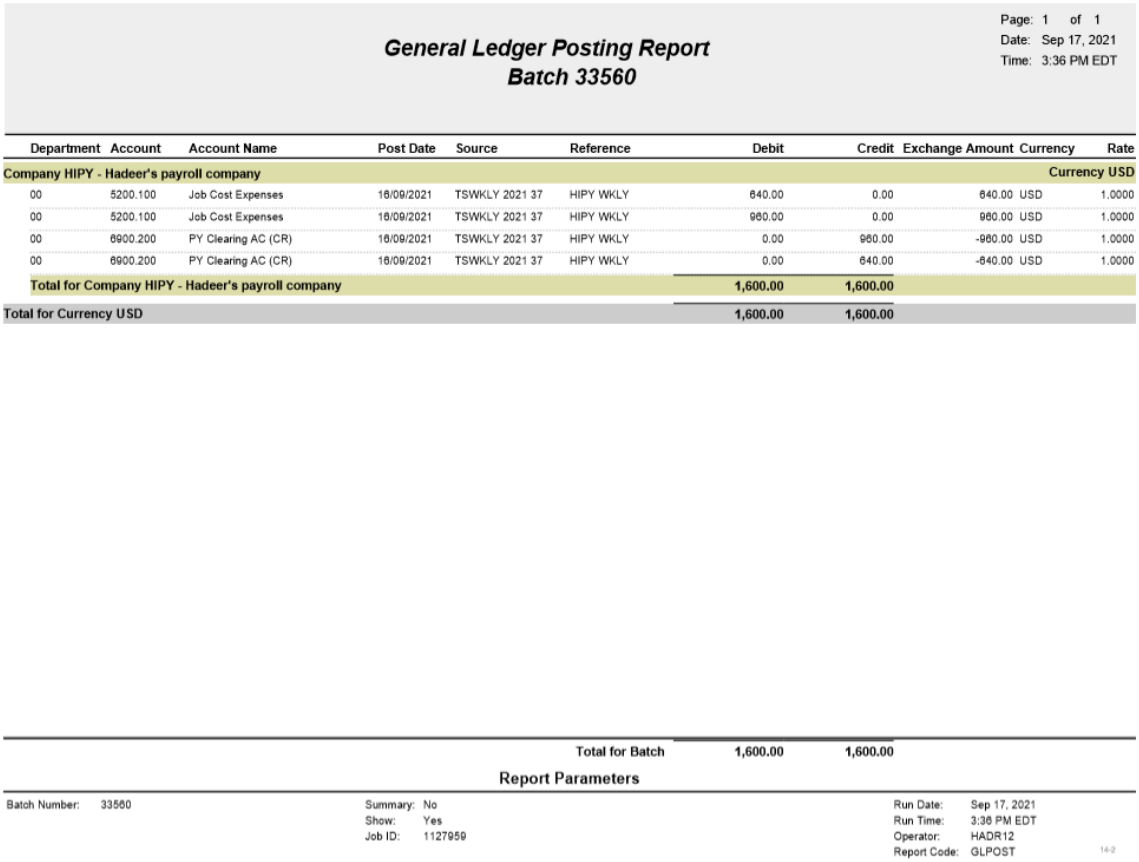
Select Job/Phase/Category for the Job summary by field.



Enter timesheet if the employee is hourly.



Timesheet Posting:



General Ledger Posting Report
Batch 33560

Page: 1 of 1
Date: Sep 17, 2021
Time: 3:36 PM EDT

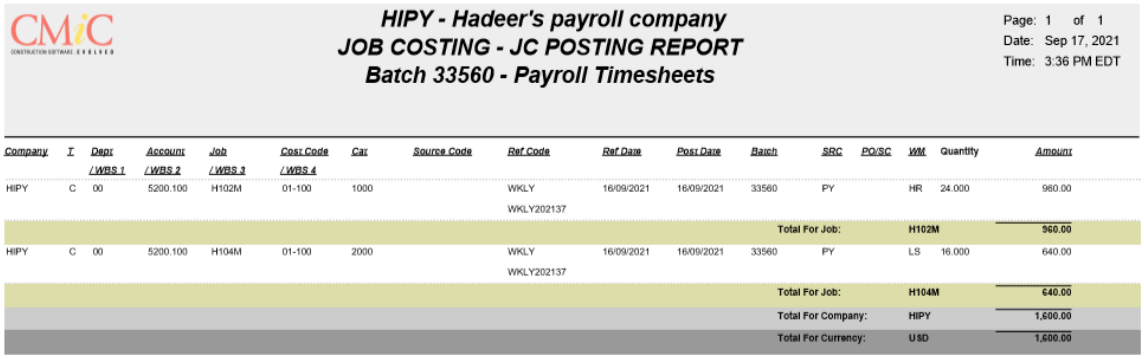
Department	Account	Account Name	Post Date	Source	Reference	Debit	Credit	Exchange Amount	Currency	Rate
Company HIPY - Hadeer's payroll company										**Currency USD**
00	5200.100	Job Cost Expenses	16/09/2021	TSWKLY 2021 37	HIPY WKLY	640.00	0.00	640.00	USD	1.0000
00	5200.100	Job Cost Expenses	16/09/2021	TSWKLY 2021 37	HIPY WKLY	960.00	0.00	960.00	USD	1.0000
00	6900.200	PY Clearing AC (CR)	16/09/2021	TSWKLY 2021 37	HIPY WKLY	0.00	960.00	-960.00	USD	1.0000
00	6900.200	PY Clearing AC (CR)	16/09/2021	TSWKLY 2021 37	HIPY WKLY	0.00	640.00	-640.00	USD	1.0000
Total for Company HIPY - Hadeer's payroll company						**1,600.00**	**1,600.00**			
Total for Currency USD						**1,600.00**	**1,600.00**			

Total for Batch	**1,600.00**	**1,600.00**

Report Parameters

Batch Number:	33560	Summary:	No	Run Date:	Sep 17, 2021
		Show:	Yes	Run Time:	3:36 PM EDT
		Job ID:	1127959	Operator:	HADR12
				Report Code:	GLPOST

14-2



HIPY - Hadeer's payroll company
JOB COSTING - JC POSTING REPORT
Batch 33560 - Payroll Timesheets

Page: 1 of 1
Date: Sep 17, 2021
Time: 3:36 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
HIPY	C	00	5200.100	H102M	01-100	1000		WKLY WKLY202137	16/09/2021	16/09/2021	33560	PY		HR	24.000	960.00
												Total For Job:		H102M		960.00
HIPY	C	00	5200.100	H104M	01-100	2000		WKLY WKLY202137	16/09/2021	16/09/2021	33560	PY		LS	16.000	640.00
												Total For Job:		H104M		640.00
												Total For Company:		HIPY		1,600.00
												Total For Currency:		USD		1,600.00

Report Parameters

Company:	HIPY
Batch Number:	33560
Posted With Overheads:	Yes

Run Date:	Sep 17, 2021
Run Time:	3:36 PM EDT
Operator:	HADR12
Report Code:	JC705

HIPY - Hadeer's payroll company
PAYROLL - TIMESHEET POSTING HISTORY REPORT

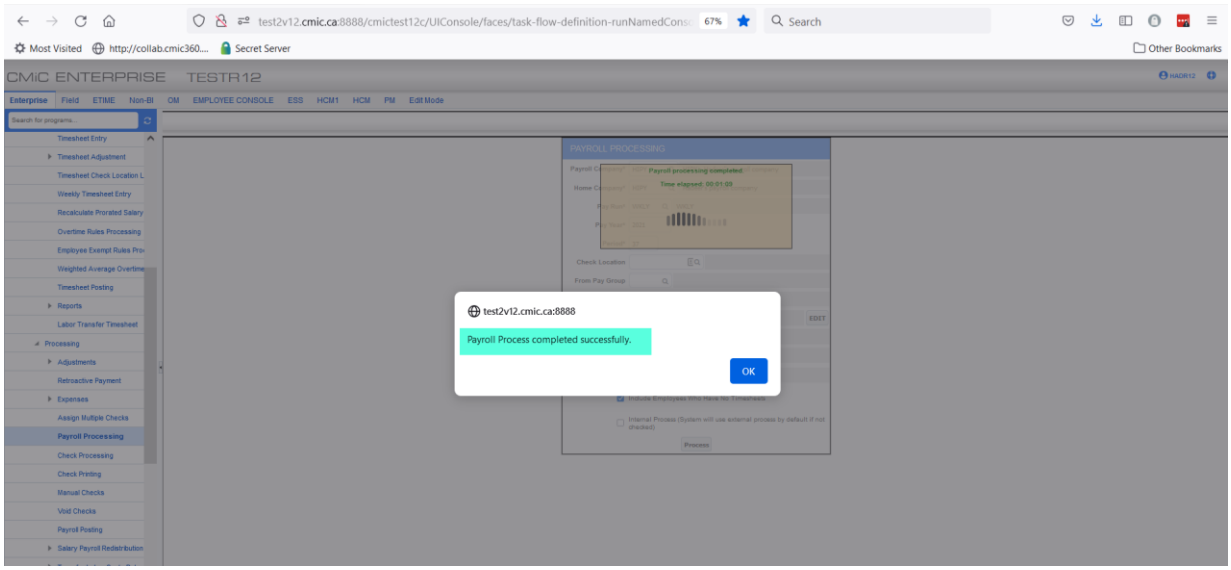
Page: 1 of 1
Date: Sep 17, 2021
Time: 3:37 PM EDT

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
Employee :	EMPH12		EMP H12								
10/09/2021	HIPY	J	H102M	01-100	1000	Normal Wages	8.00	40.000	320.00	40.000	320.00
13/09/2021	HIPY	J	H102M	01-100	1000	Normal Wages	8.00	40.000	320.00	40.000	320.00
14/09/2021	HIPY	J	H102M	01-100	1000	Normal Wages	8.00	40.000	320.00	40.000	320.00
15/09/2021	HIPY	J	H104M	01-100	2000	Normal Wages	8.00	40.000	320.00	40.000	320.00
16/09/2021	HIPY	J	H104M	01-100	2000	Normal Wages	8.00	40.000	320.00	40.000	320.00
						Employee Total :	40.00		1,600.00		1,600.00
						Grand Total :	40.00		1,600.00		1,600.00

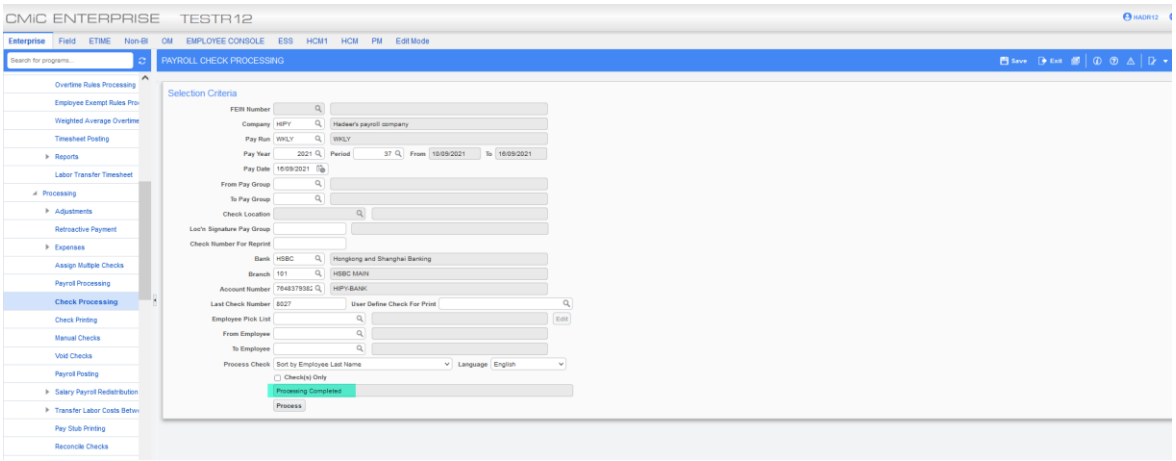
Report Parameters

Batch:	33560	From Pay Group:		Run Date:	Sep 17, 2021
From Employee:		To Pay Group:		Run Time:	3:37 PM EDT
To Employee:		Pay Run:	WKLY	Operator:	HADR12
From Date:	10/09/2021	Pay Year:	2021	Report Code:	PY1001
To Date:	16/09/2021	Pay Period:	37		

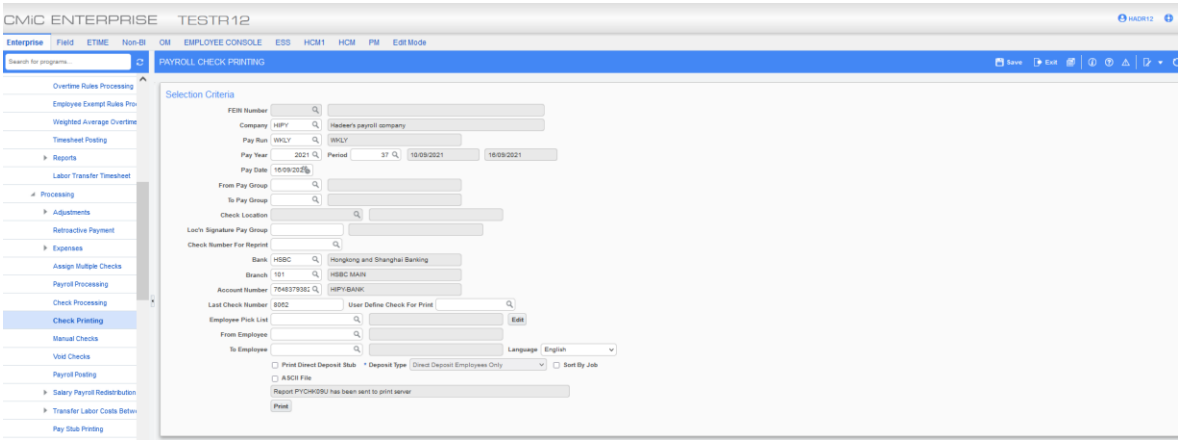
Payroll processing:



Check Processing:



Check Printing:



Hadeer's payroll company 172 ZIMMERMAN DR FORT MILL SC 29708 704-463-7193

Employee ID	Employee Name	Period Starting	Period Ending	Pay Date	Check Sort Group
EMPH12	EMP H12	09-10-2021	09-16-2021	09-16-2021	H104M

Net Pay Calculation	Total Hours	Current	YTD
Gross Pay	40.00	1,600.00	1,600.00
Bonus		0.00	0.00
Other Earnings & Reimbursements		320.00	320.00
Taxes And Deductions		592.01	592.01
Net Pay		1,327.99	1,327.99
Check Amount		1,327.99	1,327.99

Pre-Tax Deductions	Current	YTD
Total Pre-Tax Deductions		

Taxes Withheld	Current	YTD
State Taxes CA	51.84	51.84
Federal Taxes	162.77	162.77
MED EE	23.20	23.20
SEC EE	99.20	99.20
Total Taxes Withheld	337.01	337.01

After Tax Deductions	Current	YTD
Deductions	5.00	5.00
HDE TESTDEY	75.00	375.00
HDE TEST	250.00	250.00
Total After Tax Deductions	330.00	630.00

Direct Deposit Distributions	Current	YTD

Earnings Summary	Rate	Hours Current	Hours YTD	Earnings Current	Earnings YTD
Regular Wages	40.000	40.00	40.00	1,600.00	1,600.00
Other Earnings and Reimb.			**Taxable**	**Current**	**YTD**
Benefits			N	320.00	320.00
Total Other Earnings & Reimb.				**320.00**	**320.00**

Non Cash Compensation	Current	YTD
dental benefit	100.00	600.00

Leave Code	C Frwd.	Accrued	Used	Balance
HVAC	0.00	0.00	0.00	120.00
PTOH	0.00	0.00	0.00	0.00
Vac	0.00	2.15	0.00	2.15
Vacation	0.00	2.31	0.00	2.31

	Status	Exempt	Additional Tax
Federal:	H /	0	
State-CA:	H /	0	

** Employer Paid Benefit

Hadeer's payroll company
172 ZIMMERMAN DR
FORT MILL SC 29708

Hongkong and Shanghai Banking
HSBC MAIN
591 Grand Avenue CA

Employee ID	Date	Check No.
EMPH12	09-16-2021	8036

123
00161000

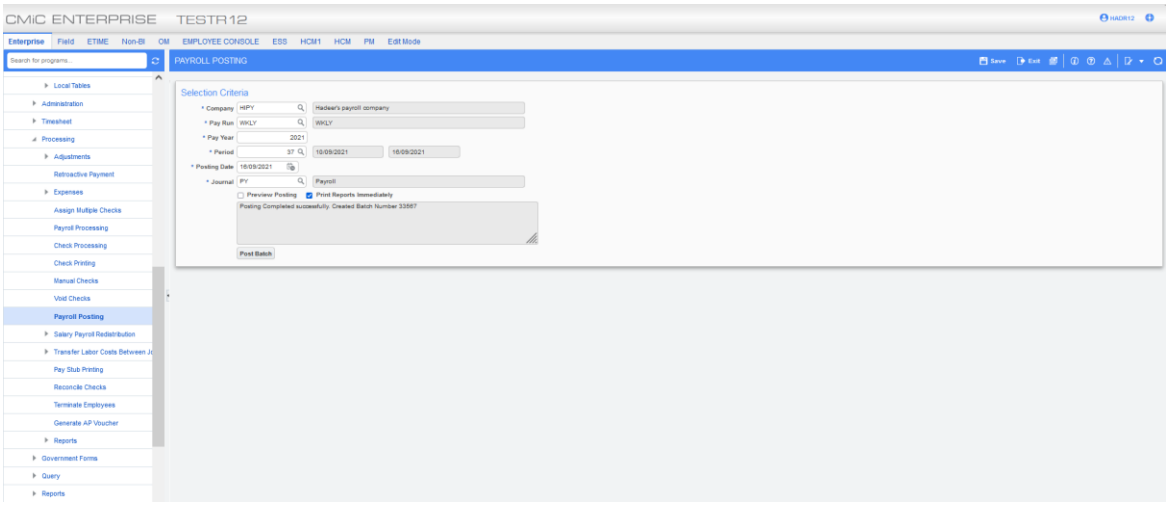
PAY: ONE THOUSAND THREE HUNDRED TWENTY-SEVEN DOLLARS 99/100 **$1,327.99**

PAY TO THE ORDER OF EMP H12
CA 90242

Hadeer J.

⑈000000803⑉ ⑆022000020⑆ 7648379382⑈

Payroll Posting:



General Ledger Posting Report
Batch 33567

WITH THE FLAG CHECKED

Page: 1 of 2
Date: Sep 17, 2021
Time: 4:48 PM EDT

Department	Account	Account Name	Post Date	Source	Reference	Debit	Credit	Exchange Amount	Currency	Rate
Company HIPY - Hadeer's payroll company										**Currency USD**
00	1000.100	PYCHECKS	16/09/2021	PYWKLY 2021 37	HIPY WKLY	0.00	768.00	-768.00	USD	1.0000
00	1000.100	PYCHECKS	16/09/2021	PYWKLY 2021 37	HIPY WKLY	0.00	34,891.84	-34,891.84	USD	1.0000
00	1000.100	PYCHECKS	16/09/2021	PYWKLY 2021 37	HIPY WKLY	0.00	1,152.00	-1,152.00	USD	1.0000
00	1000.200	JPMC - Payroll Checking	16/09/2021	PYWKLY 2021 37	HIPY WKLY	0.00	3,200.00	-3,200.00	USD	1.0000
00	1000.200	JPMC - Payroll Checking	16/09/2021	PYWKLY 2021 37	HIPY WKLY	0.00	30.00	-30.00	USD	1.0000
00	1000.200	JPMC - Payroll Checking	16/09/2021	PYWKLY 2021 37	HIPY WKLY	0.00	45.00	-45.00	USD	1.0000
00	4000.200	Miscellaneous Income	16/09/2021	PYWKLY 2021 37	HIPY WKLY	78.00	0.00	78.00	USD	1.0000
00	5200.100	Job Cost Expenses	16/09/2021	PYWKLY 2021 37	HIPY WKLY	285.36	0.00	285.36	USD	1.0000
00	5200.100	Job Cost Expenses	16/09/2021	PYWKLY 2021 37	HIPY WKLY	428.04	0.00	428.04	USD	1.0000
00	6000.100	Non Job Salary Expense	16/09/2021	PYWKLY 2021 37	HIPY WKLY	50,583.26	0.00	50,583.26	USD	1.0000
00	6000.300	Employer Paid Benefits	16/09/2021	PYWKLY 2021 37	HIPY WKLY	42.25	0.00	42.25	USD	1.0000
00	6001.200	Federal Taxes	16/09/2021	PYWKLY 2021 37	HIPY WKLY	4,980.55	0.00	4,980.55	USD	1.0000
00	6001.201	Federal Taxes (CR)	16/09/2021	PYWKLY 2021 37	HIPY WKLY	0.00	14,204.82	-14,204.82	USD	1.0000
00	6001.201	Federal Taxes (CR)	16/09/2021	PYWKLY 2021 37	HIPY WKLY	0.00	131.04	-131.04	USD	1.0000
00	6001.201	Federal Taxes (CR)	16/09/2021	PYWKLY 2021 37	HIPY WKLY	0.00	87.36	-87.36	USD	1.0000
00	6001.301	State Taxes (CR)	16/09/2021	PYWKLY 2021 37	HIPY WKLY	0.00	3,080.10	-3,080.10	USD	1.0000
00	6002.110	Leave Expense Accrual	16/09/2021	PYWKLY 2021 37	HIPY WKLY	240,543.78	0.00	240,543.78	USD	1.0000
00	6002.115	Leave Liability Clearing	16/09/2021	PYWKLY 2021 37	HIPY WKLY	0.00	240,543.78	-240,543.78	USD	1.0000
00	6300.101	HMO Deductions (CR)	16/09/2021	PYWKLY 2021 37	HIPY WKLY	0.00	10.00	-10.00	USD	1.0000
00	6300.111	401k Employee (CR)	16/09/2021	PYWKLY 2021 37	HIPY WKLY	0.00	653.84	-653.84	USD	1.0000
00	6300.113	401k Employer (CR)	16/09/2021	PYWKLY 2021 37	HIPY WKLY	0.00	73.07	-73.07	USD	1.0000
00	6300.150	Employer Paid Benefits (DR)	16/09/2021	PYWKLY 2021 37	HIPY WKLY	384.61	0.00	384.61	USD	1.0000
00	6300.300	Dental Care (DR)	16/09/2021	PYWKLY 2021 37	HIPY WKLY	7,465.00	0.00	7,465.00	USD	1.0000
00	6300.301	Dental Care (CR)	16/09/2021	PYWKLY 2021 37	HIPY WKLY	0.00	40.00	-40.00	USD	1.0000
00	6300.301	Dental Care (CR)	16/09/2021	PYWKLY 2021 37	HIPY WKLY	0.00	60.00	-60.00	USD	1.0000
00	6300.301	Dental Care (CR)	16/09/2021	PYWKLY 2021 37	HIPY WKLY	0.00	7,420.00	-7,420.00	USD	1.0000
00	6900.100	PY Clearing AC (DR)	16/09/2021	PYWKLY 2021 37	HIPY WKLY	640.00	0.00	640.00	USD	1.0000
00	6900.100	PY Clearing AC (DR)	16/09/2021	PYWKLY 2021 37	HIPY WKLY	960.00	0.00	960.00	USD	1.0000
Total for Company HIPY - Hadeer's payroll company						306,390.85	306,390.85			
Total for Currency USD						306,390.85	306,390.85			

G/L Transaction Detail Report:

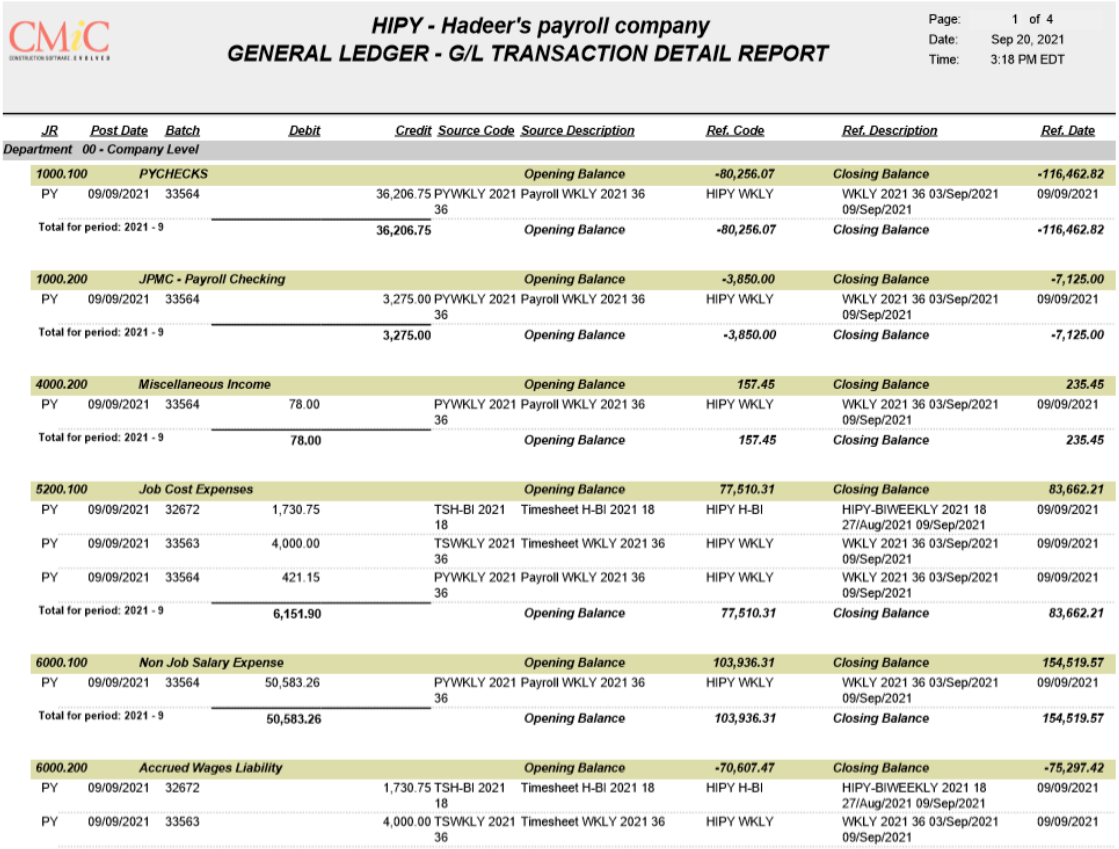
CMiC

HIPY - Hadeer's payroll company
GENERAL LEDGER - G/L TRANSACTION DETAIL REPORT

Page: 1 of 4
Date: Sep 20, 2021
Time: 3:15 PM EDT

JR	Post Date	Batch	Debit	Credit	Source Code	Source Description	Ref. Code	Ref. Description	Ref. Date
Department 00 - Company Level									
1000.100	PYCHECKS					Opening Balance	-116,462.82	Closing Balance	-153,274.66
PY	16/09/2021	33567		768.00	PYWKLY 2021 37	Payroll WKLY 2021 37	HIPY WKLY	WKLY 2021 37 10/Sep/2021 16/Sep/2021	16/09/2021
PY	16/09/2021	33567		1,152.00	PYWKLY 2021 37	Payroll WKLY 2021 37	HIPY WKLY	WKLY 2021 37 10/Sep/2021 16/Sep/2021	16/09/2021
PY	16/09/2021	33567		34,891.84	PYWKLY 2021 37	Payroll WKLY 2021 37	HIPY WKLY	WKLY 2021 37 10/Sep/2021 16/Sep/2021	16/09/2021
Total for period: 2021 - 9				36,811.84		Opening Balance	-116,462.82	Closing Balance	-153,274.66
1000.200	JPMC - Payroll Checking					Opening Balance	-7,125.00	Closing Balance	-10,400.00
PY	16/09/2021	33567		30.00	PYWKLY 2021 37	Payroll WKLY 2021 37	HIPY WKLY	WKLY 2021 37 10/Sep/2021 16/Sep/2021	16/09/2021
PY	16/09/2021	33567		45.00	PYWKLY 2021 37	Payroll WKLY 2021 37	HIPY WKLY	WKLY 2021 37 10/Sep/2021 16/Sep/2021	16/09/2021
PY	16/09/2021	33567		3,200.00	PYWKLY 2021 37	Payroll WKLY 2021 37	HIPY WKLY	WKLY 2021 37 10/Sep/2021 16/Sep/2021	16/09/2021
Total for period: 2021 - 9				3,275.00		Opening Balance	-7,125.00	Closing Balance	-10,400.00
4000.200	Miscellaneous Income					Opening Balance	235.45	Closing Balance	313.45
PY	16/09/2021	33567	78.00		PYWKLY 2021 37	Payroll WKLY 2021 37	HIPY WKLY	WKLY 2021 37 10/Sep/2021 16/Sep/2021	16/09/2021
Total for period: 2021 - 9			78.00			Opening Balance	235.45	Closing Balance	313.45
5200.100	Job Cost Expenses					Opening Balance	83,662.21	Closing Balance	85,975.61
PY	16/09/2021	33560	640.00		TSWKLY 2021 37	Timesheet WKLY 2021 37	HIPY WKLY	WKLY 2021 37 10/Sep/2021 16/Sep/2021	16/09/2021
PY	16/09/2021	33560	960.00		TSWKLY 2021 37	Timesheet WKLY 2021 37	HIPY WKLY	WKLY 2021 37 10/Sep/2021 16/Sep/2021	16/09/2021
PY	16/09/2021	33567	285.36		PYWKLY 2021 37	Payroll WKLY 2021 37	HIPY WKLY	WKLY 2021 37 10/Sep/2021 16/Sep/2021	16/09/2021
PY	16/09/2021	33567	428.04		PYWKLY 2021 37	Payroll WKLY 2021 37	HIPY WKLY	WKLY 2021 37 10/Sep/2021 16/Sep/2021	16/09/2021
Total for period: 2021 - 9			2,313.40			Opening Balance	83,662.21	Closing Balance	85,975.61
6000.100	Non Job Salary Expense					Opening Balance	154,519.57	Closing Balance	205,102.83

When the flag is unchecked the G/L Transaction Detail Report is not grouping by job.



CMiC

HIPY - Hadeer's payroll company
GENERAL LEDGER - G/L TRANSACTION DETAIL REPORT

Page: 1 of 4
Date: Sep 20, 2021
Time: 3:18 PM EDT

JR	Post Date	Batch	Debit	Credit	Source Code	Source Description	Ref. Code	Ref. Description	Ref. Date
Department 00 - Company Level									
1000.100 PYCHECKS						Opening Balance	-80,256.07	Closing Balance	-116,462.82
PY	09/09/2021	33564		36,206.75	PYWKLY 2021 36	Payroll WKLY 2021 36	HIPY WKLY	WKLY 2021 36 03/Sep/2021 09/Sep/2021	09/09/2021
Total for period: 2021 - 9				36,206.75		Opening Balance	-80,256.07	Closing Balance	-116,462.82
1000.200 JPMC - Payroll Checking						Opening Balance	-3,850.00	Closing Balance	-7,125.00
PY	09/09/2021	33564		3,275.00	PYWKLY 2021 36	Payroll WKLY 2021 36	HIPY WKLY	WKLY 2021 36 03/Sep/2021 09/Sep/2021	09/09/2021
Total for period: 2021 - 9				3,275.00		Opening Balance	-3,850.00	Closing Balance	-7,125.00
4000.200 Miscellaneous Income						Opening Balance	157.45	Closing Balance	235.45
PY	09/09/2021	33564	78.00		PYWKLY 2021 36	Payroll WKLY 2021 36	HIPY WKLY	WKLY 2021 36 03/Sep/2021 09/Sep/2021	09/09/2021
Total for period: 2021 - 9			78.00			Opening Balance	157.45	Closing Balance	235.45
5200.100 Job Cost Expenses						Opening Balance	77,510.31	Closing Balance	83,662.21
PY	09/09/2021	32672	1,730.75		TSH-BI 2021 18	Timesheet H-BI 2021 18	HIPY H-BI	HIPY-BIWEEKLY 2021 18 27/Aug/2021 09/Sep/2021	09/09/2021
PY	09/09/2021	33563	4,000.00		TSWKLY 2021 36	Timesheet WKLY 2021 36	HIPY WKLY	WKLY 2021 36 03/Sep/2021 09/Sep/2021	09/09/2021
PY	09/09/2021	33564	421.15		PYWKLY 2021 36	Payroll WKLY 2021 36	HIPY WKLY	WKLY 2021 36 03/Sep/2021 09/Sep/2021	09/09/2021
Total for period: 2021 - 9			6,151.90			Opening Balance	77,510.31	Closing Balance	83,662.21
6000.100 Non Job Salary Expense						Opening Balance	103,936.31	Closing Balance	154,519.57
PY	09/09/2021	33564	50,583.26		PYWKLY 2021 36	Payroll WKLY 2021 36	HIPY WKLY	WKLY 2021 36 03/Sep/2021 09/Sep/2021	09/09/2021
Total for period: 2021 - 9			50,583.26			Opening Balance	103,936.31	Closing Balance	154,519.57
6000.200 Accrued Wages Liability						Opening Balance	-70,607.47	Closing Balance	-75,297.42
PY	09/09/2021	32672		1,730.75	TSH-BI 2021 18	Timesheet H-BI 2021 18	HIPY H-BI	HIPY-BIWEEKLY 2021 18 27/Aug/2021 09/Sep/2021	09/09/2021
PY	09/09/2021	33563		4,000.00	TSWKLY 2021 36	Timesheet WKLY 2021 36	HIPY WKLY	WKLY 2021 36 03/Sep/2021 09/Sep/2021	09/09/2021

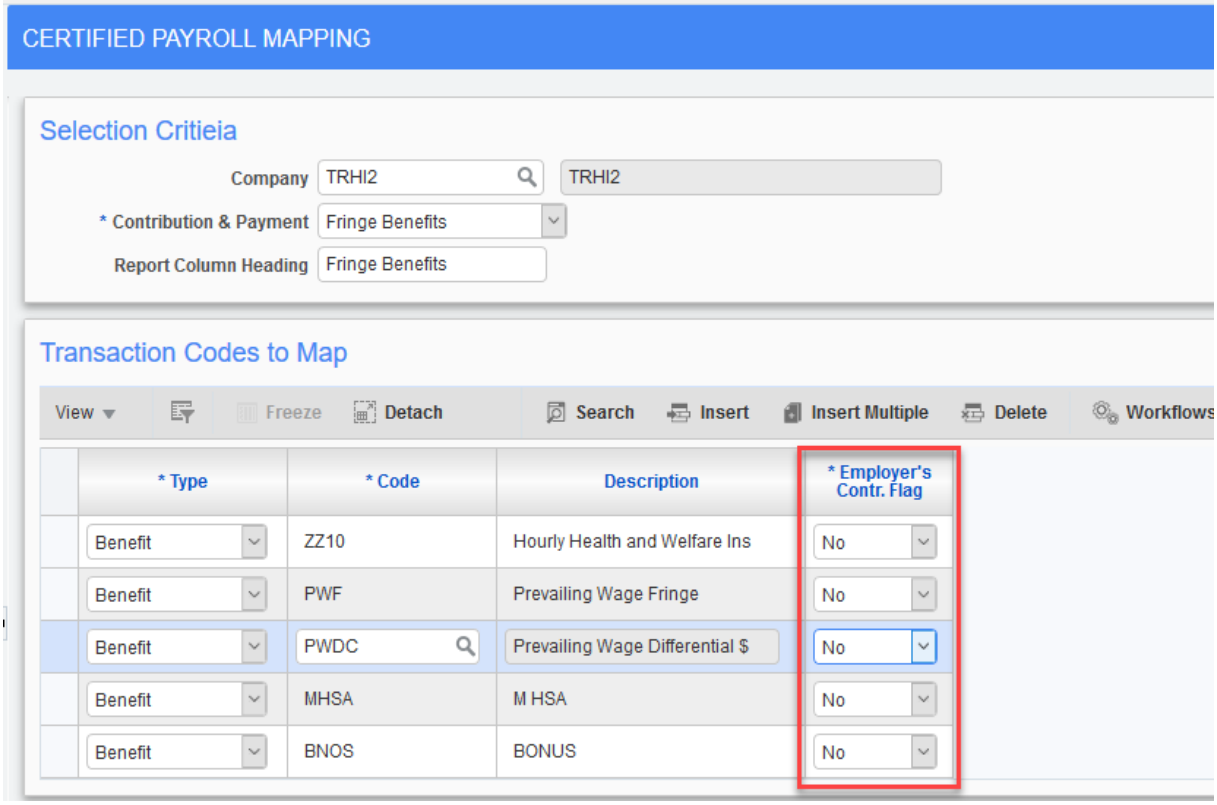
Certified Payroll Report Enhancements (21.43741)

Overview

The Certified Payroll Report screen (PY1096) will be modified with new columns and functionality.

Pre-requisites

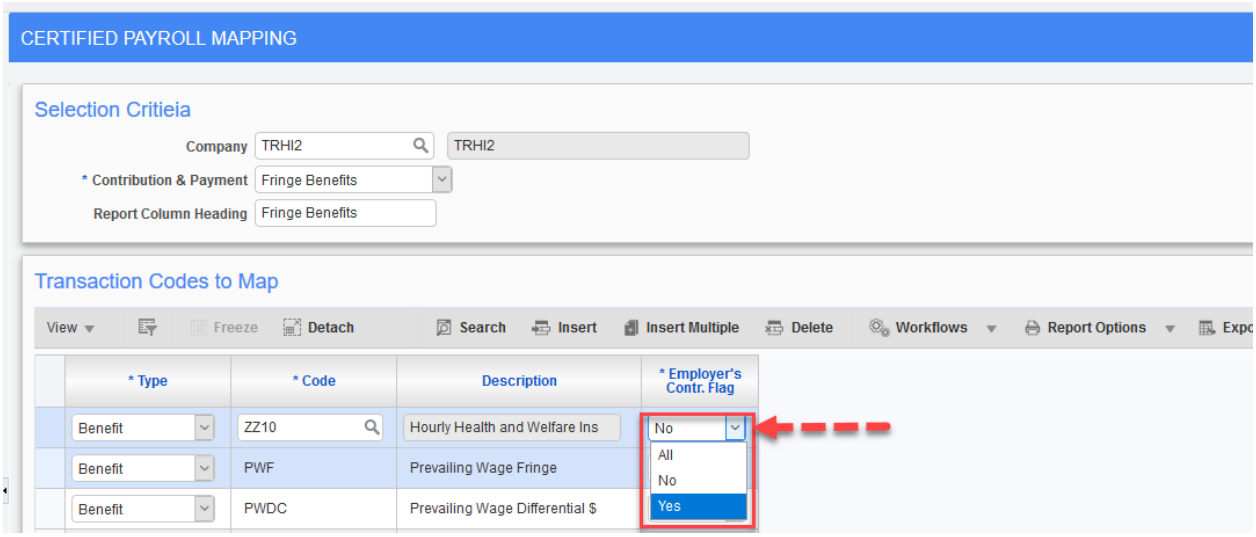
The user should map Transaction Codes in the Certified Payroll Mapping screen. The “Employer’s Contr.Flag” field has been added to the table as shown in the screenshot below.



Modifications

1. CMiC will be modifying existing Federal Certified Report. In the existing Certified Payroll mapping screen, all contributions & payments (including employer contributions) are charged to a specific job. A new column has been added to the report mapping screen called “Employers Contr.Flag”.

The value for this column can be “No”, “Yes”, and “All”, as is the case in the W2 Mapping screen. The default value for this column is “No” as the current mapping screen only includes employee contribution by default. Select “Yes” to only include employer contribution value or “All” for both Employee and Employer contribution.



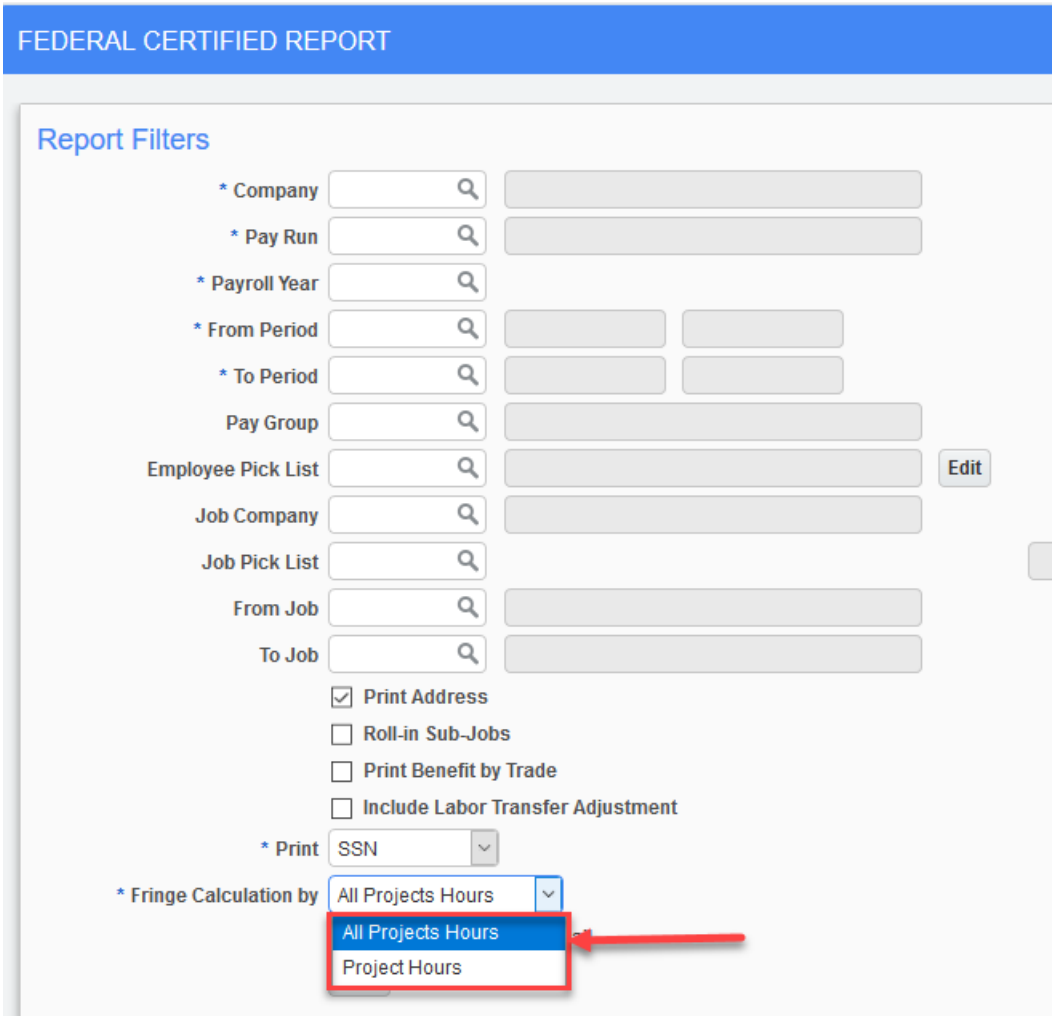
No- Transaction code takes only the Employee’s contribution

Yes- Transaction code takes only the Employer's contribution

All- Transaction code takes both Employer's and Employee's Contribution.

This will require changing the standard federal certified report to change all boxes to include this new option on the mapping screen.

2. CMiC will add a new option on the standard certified report parameter called "Fringe Calculation by" with possible values of 'All Project Hours' or 'Project Hours'. The default value for the column will be 'All project Hours'.



The report will sum the total value of transactions mapped in the Fringe Benefit column in the mapping utility as per current functionality and divide the total depending on the option selected on the parameter screen. The formula is given below:

Fringe Calculation (All Project Hours option)

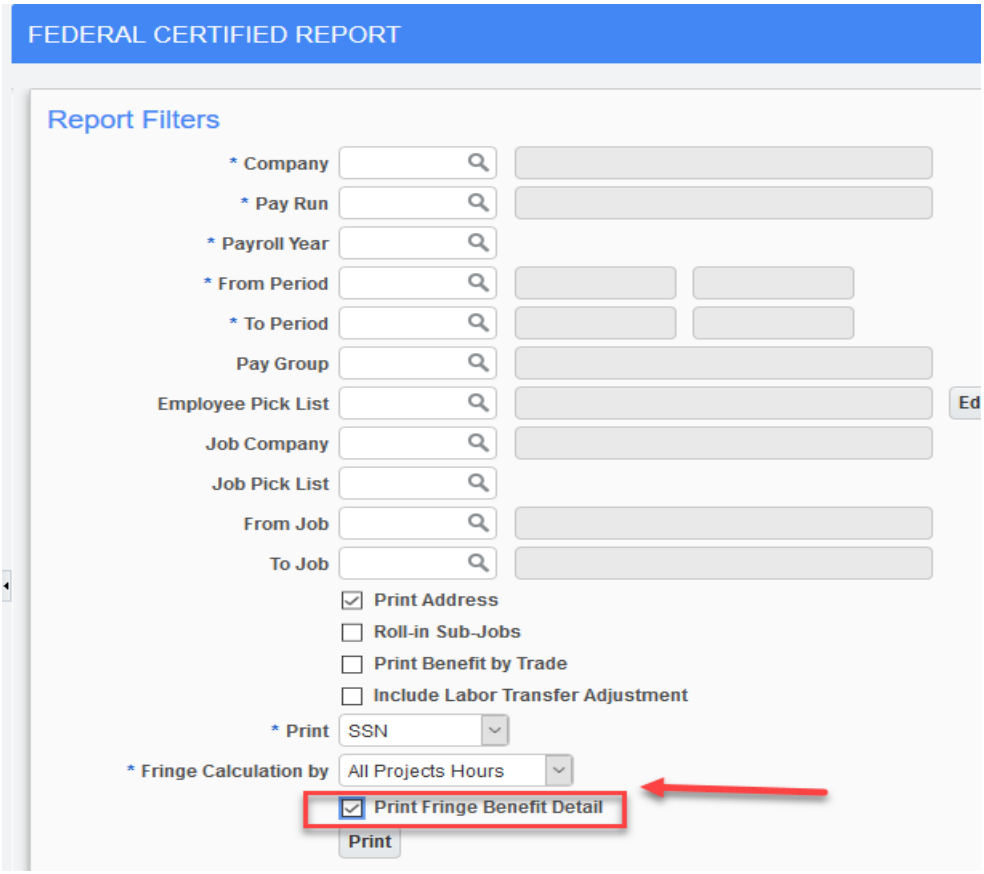
$= Total value of 'Fringe Benefit' column / All Projects hours

Fringe Calculation (Project Hours)

$= Total value of ‘Fringe Benefit’ Column/ Currently Selected Project hours

3. The fringe benefit column will be expanded and display all transactions mapped in the Fringe Benefit column similar to the Other column.

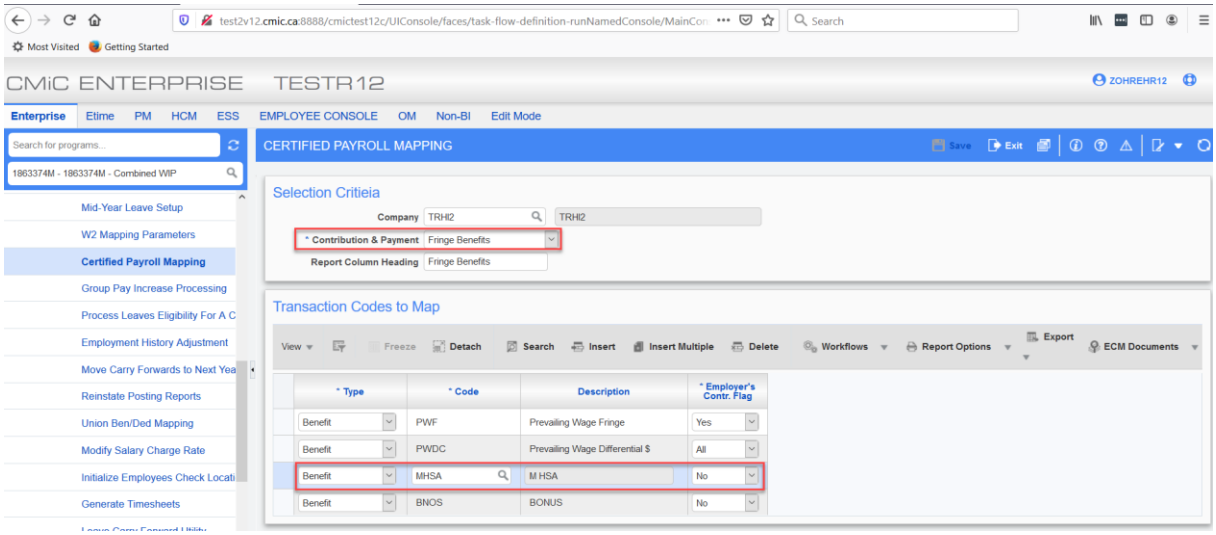
CMiC has added a new ‘Print Fringe Benefit Detail’ checkbox to the Certified Payroll Report Parameter screen. If checked, the Fringe Benefits section will show the list of all the mapped fringe benefits. If unchecked, the summary of fringe benefit rates and amounts will be shown, if mapped.

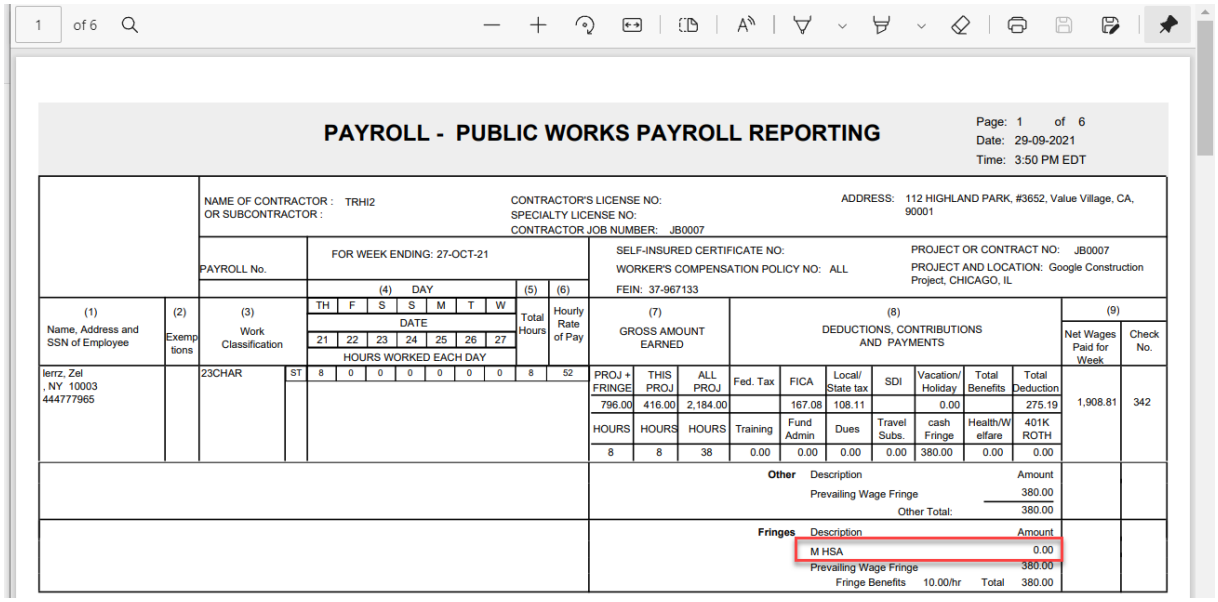


Implementation

Below is an example of the report with selections of both “No” and “Yes” in the Employers Contr Flag field.

1. Employer’s contribution set to “No”.





PAYROLL - PUBLIC WORKS PAYROLL REPORTING

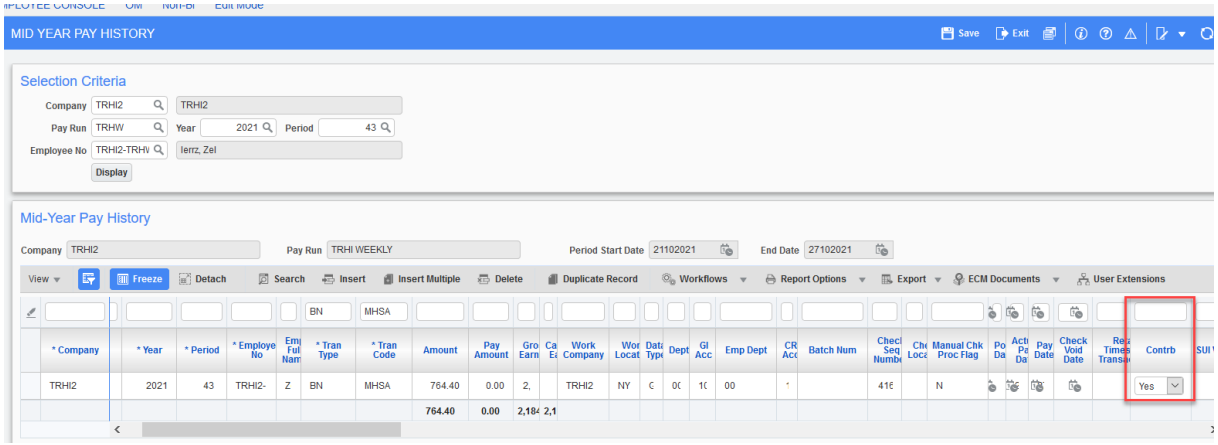
Page: 1 of 6
Date: 29-09-2021
Time: 3:50 PM EDT

NAME OF CONTRACTOR : TRHI2
OR SUBCONTRACTOR :
CONTRACTOR'S LICENSE NO:
SPECIALTY LICENSE NO:
CONTRACTOR JOB NUMBER: JB0007
ADDRESS: 112 HIGHLAND PARK, #3652, Value Village, CA, 90001
PAYROLL No.
FOR WEEK ENDING: 27-OCT-21
SELF-INSURED CERTIFICATE NO:
WORKER'S COMPENSATION POLICY NO: ALL
FEIN: 37-967133
PROJECT OR CONTRACT NO: JB0007
PROJECT AND LOCATION: Google Construction Project, CHICAGO, IL

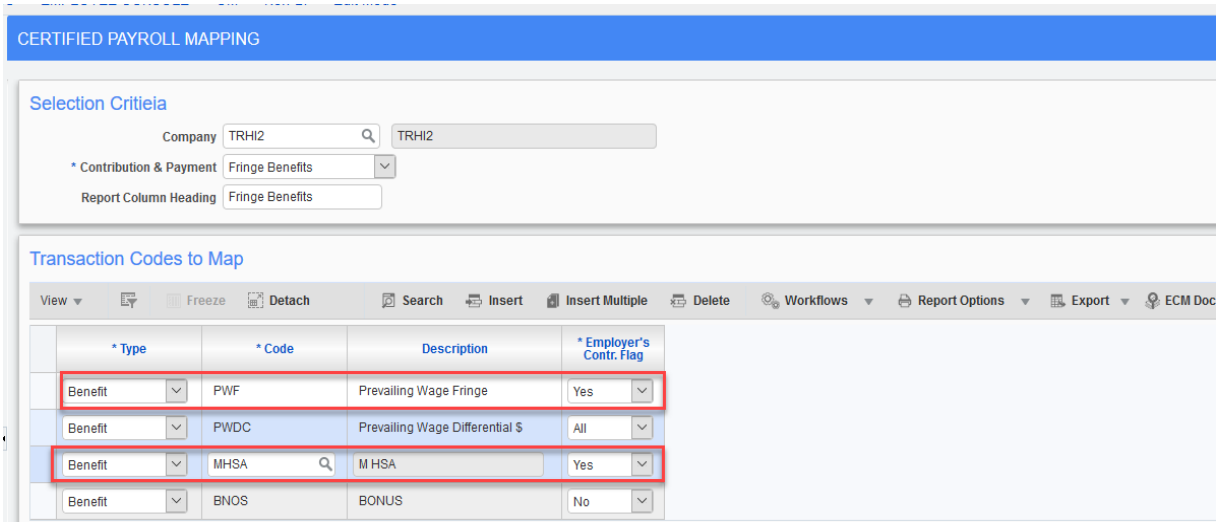
(1) Name, Address and SSN of Employee	(2) Exemptions	(3) Work Classification	(4) DAY TH F S S M T W / DATE 21 22 23 24 25 26 27 / HOURS WORKED EACH DAY	Total Hours	Hourly Rate of Pay	(7) GROSS AMOUNT EARNED	(8) DEDUCTIONS, CONTRIBUTIONS AND PAYMENTS	(9) Net Wages Paid for Week	Check No.
lerrz, Zel , NY 10003 444777965		23CHAR	ST 8 0 0 0 0 0 0	8	52	PROJ + FRINGE 796.00 / THIS PROJ 416.00 / ALL PROJ 2,184.00	Fed. Tax / FICA 167.08 / Local/ State tax 108.11 / SDI / Vacation/ Holiday 0.00 / Total Benefits / Total Deduction 275.19	1,908.81	342
						HOURS 8 / HOURS 8 / HOURS 38	Training 0.00 / Fund Admin 0.00 / Dues 0.00 / Travel Subs. 0.00 / cash Fringe 380.00 / Health/W elfare 0.00 / 401K ROTH 0.00		

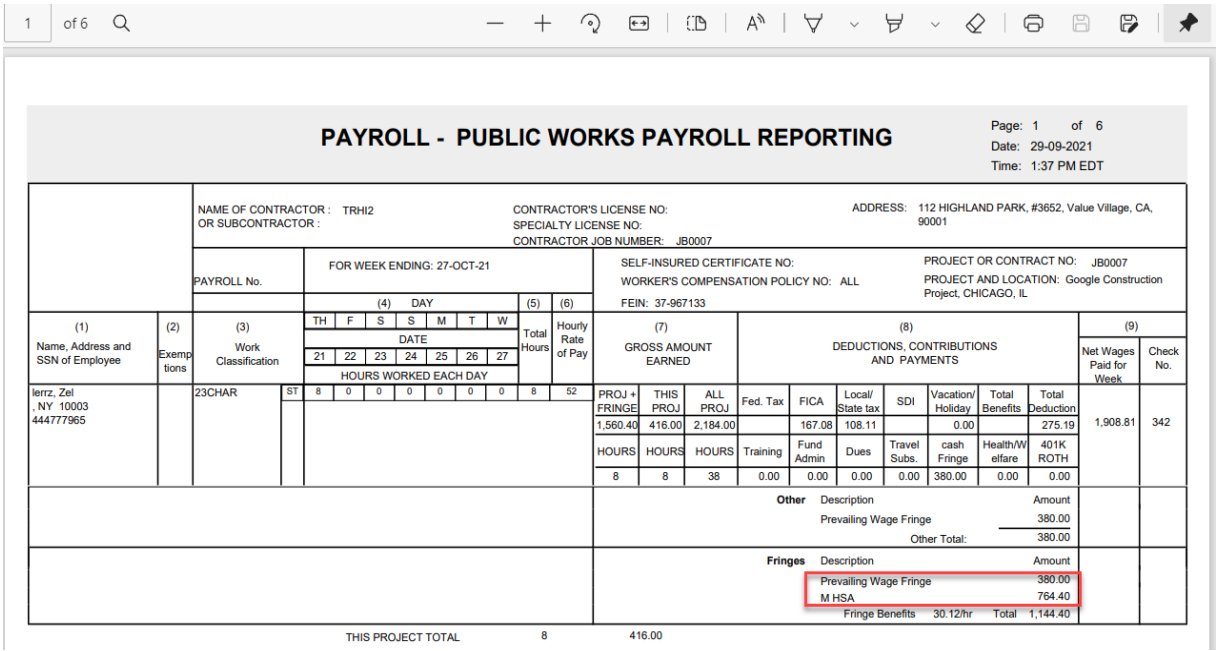
Other Description Amount
Prevailing Wage Fringe 380.00
Other Total: 380.00

Fringes Description Amount
M HSA 0.00
Prevailing Wage Fringe 380.00
Fringe Benefits 10.00/hr Total 380.00



2. Employer's contribution set to "Yes".





1 of 6

PAYROLL - PUBLIC WORKS PAYROLL REPORTING

Page: 1 of 6
Date: 29-09-2021
Time: 1:37 PM EDT

NAME OF CONTRACTOR : TRHI2
OR SUBCONTRACTOR :
CONTRACTOR'S LICENSE NO:
SPECIALTY LICENSE NO:
CONTRACTOR JOB NUMBER: JB0007
ADDRESS: 112 HIGHLAND PARK, #3652, Value Village, CA, 90001

PAYROLL No.
FOR WEEK ENDING: 27-OCT-21
SELF-INSURED CERTIFICATE NO:
WORKER'S COMPENSATION POLICY NO: ALL
FEIN: 37-967133
PROJECT OR CONTRACT NO: JB0007
PROJECT AND LOCATION: Google Construction Project, CHICAGO, IL

(1) Name, Address and SSN of Employee	(2) Exemptions	(3) Work Classification		(4) DAY: TH	F	S	S	M	T	W	(5) Total Hours	(6) Hourly Rate of Pay
				DATE: 21	22	23	24	25	26	27		
				HOURS WORKED EACH DAY								
lerrz, Zel , NY 10003 444777965		23CHAR	ST	8	0	0	0	0	0	0	8	52

(7) GROSS AMOUNT EARNED			(8) DEDUCTIONS, CONTRIBUTIONS AND PAYMENTS							(9)	
PROJ + FRINGE	THIS PROJ	ALL PROJ	Fed. Tax	FICA	Local/ State tax	SDI	Vacation/ Holiday	Total Benefits	Total Deduction	Net Wages Paid for Week	Check No.
1,560.40	416.00	2,184.00		167.08	108.11		0.00		275.19	1,908.81	342
HOURS	HOURS	HOURS	Training	Fund Admin	Dues	Travel Subs.	cash Fringe	Health/Welfare	401K ROTH		
8	8	38	0.00	0.00	0.00	0.00	380.00	0.00	0.00		

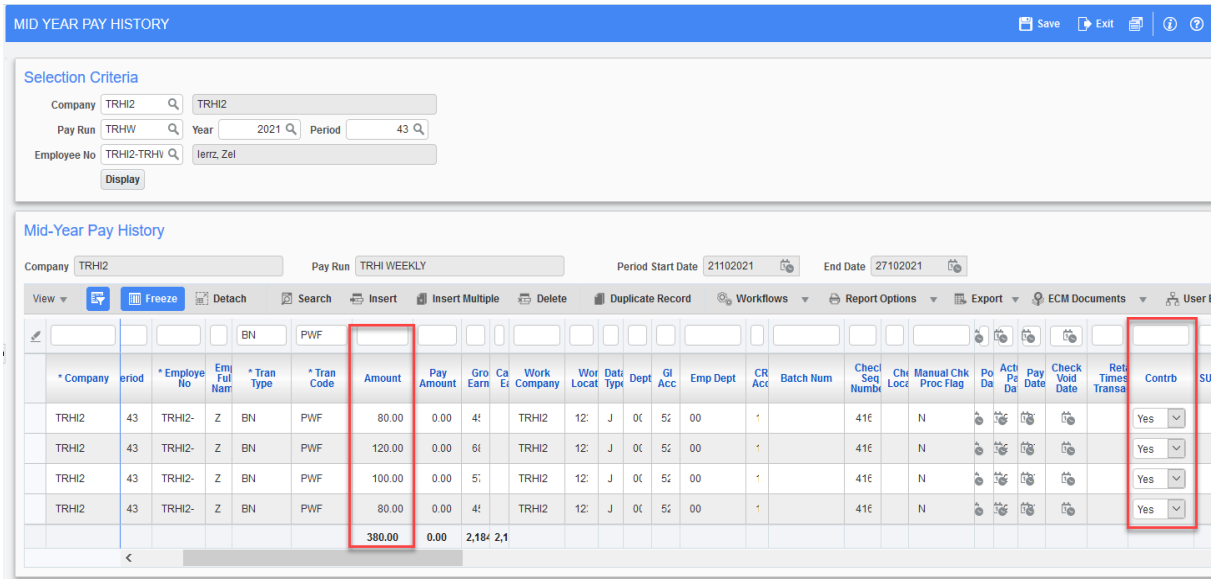
Other

Description	Amount
Prevailing Wage Fringe	380.00
Other Total:	380.00

Fringes

Description	Amount
Prevailing Wage Fringe	380.00
M HSA	764.40
Fringe Benefits 30.12/hr Total	1,144.40

THIS PROJECT TOTAL 8 416.00

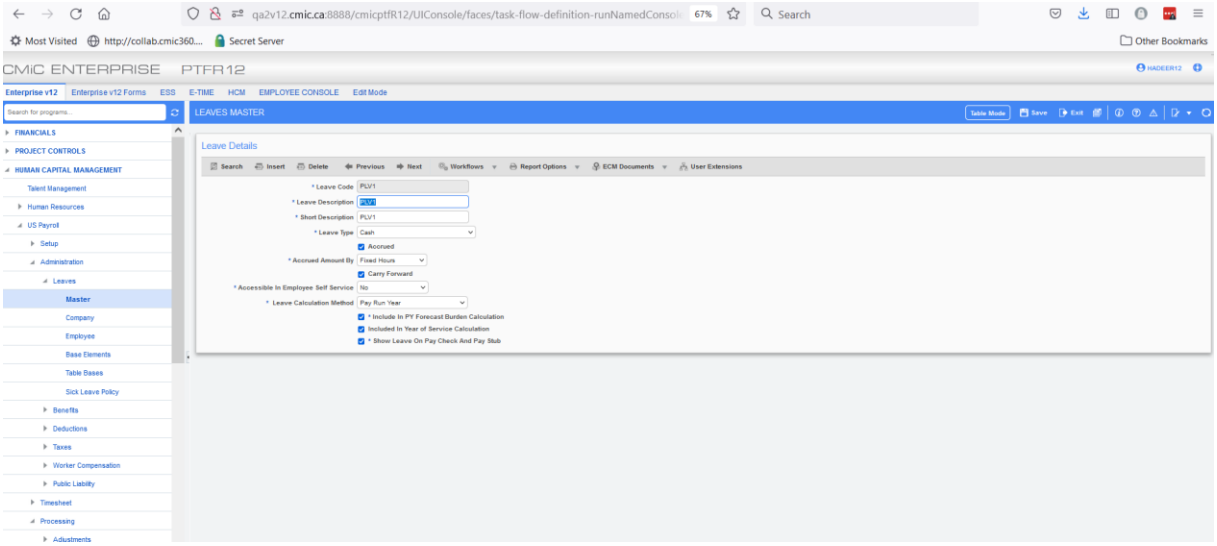


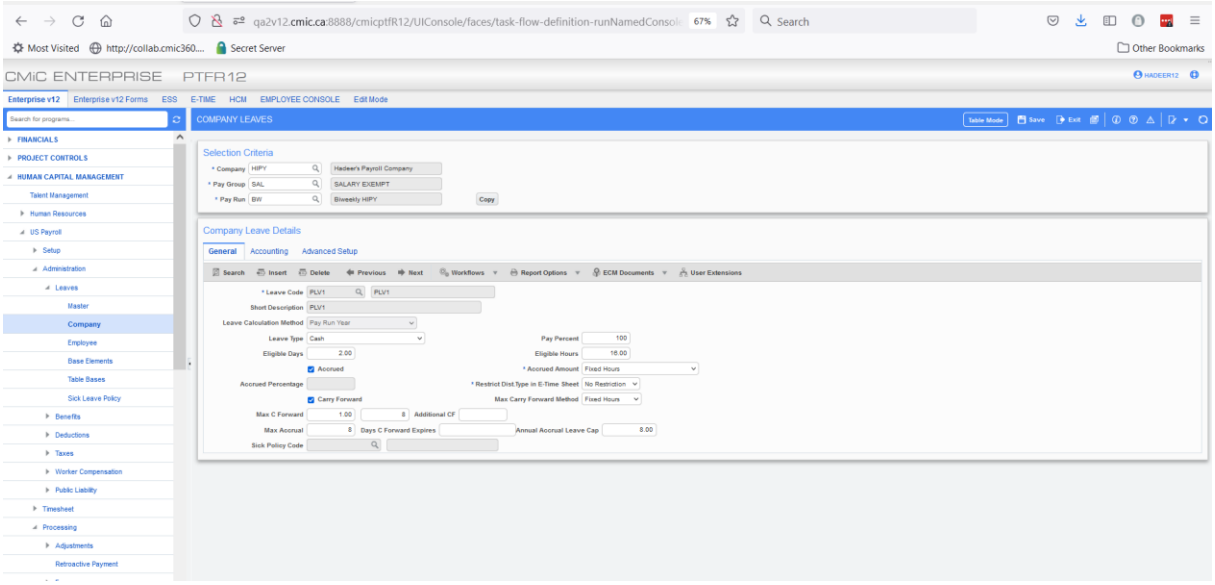
Annual Accrual Leave Cap (21.40679)

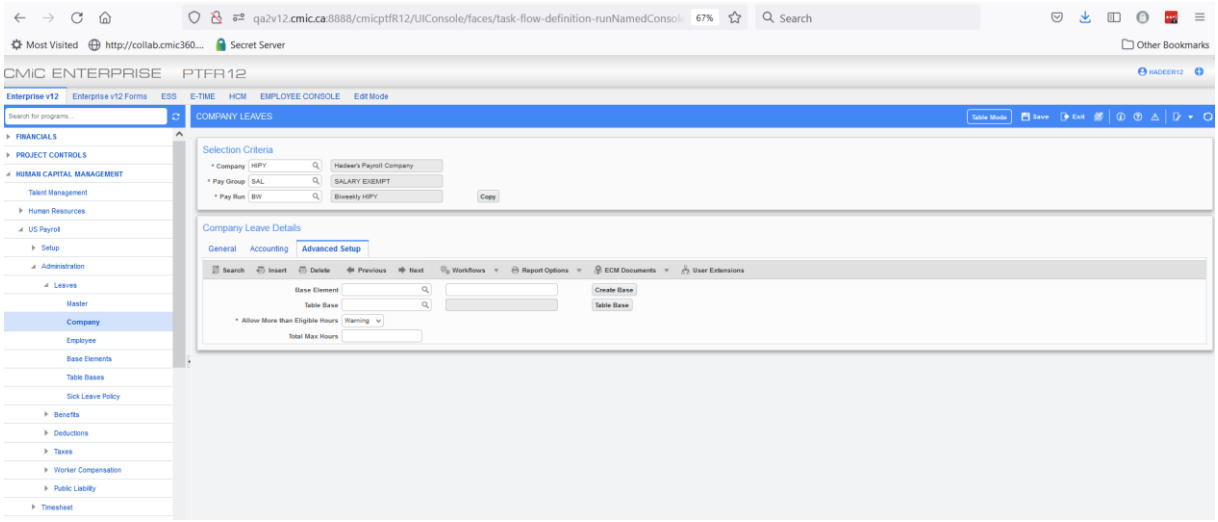
A new field ‘Annual Accrual Leave Cap’ is added to the Company Leave screen for accruing accrued leave in a year. If total accrued leave max at a Leave cap level, then system will stop accruing it within the Leave year. If employee uses the same leave within the leave year, then system will not accrue anymore since it has already reached, the Annual Cap Level.

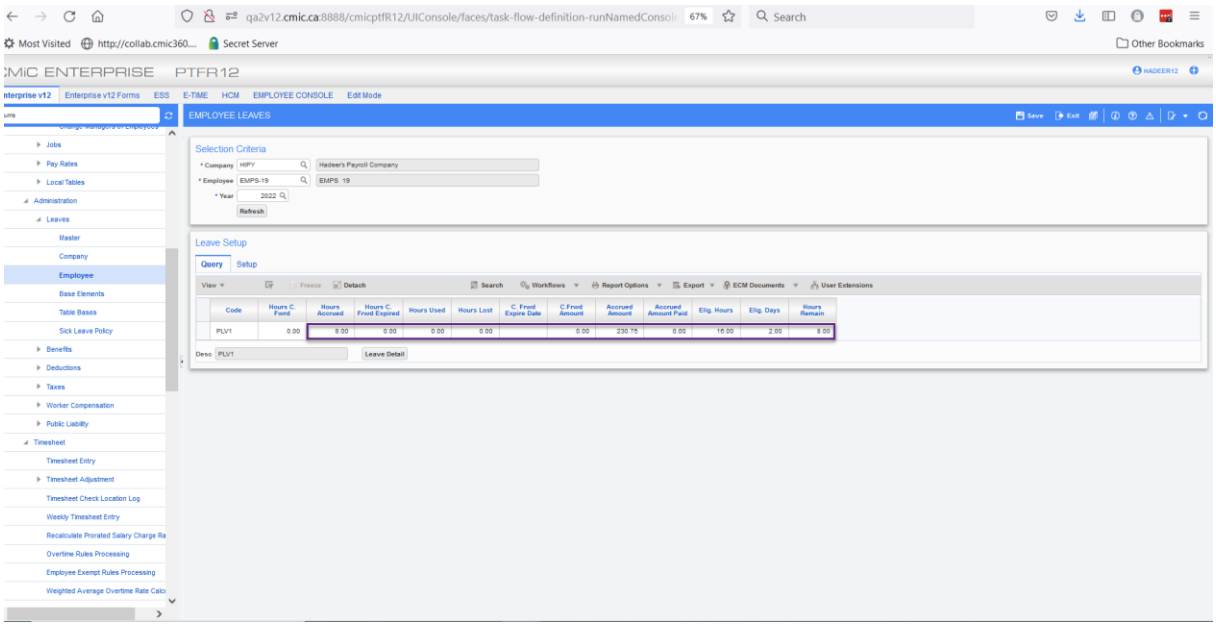
NOTE: System will consider employee level first. System will consider Table Base, if Leave has a Table Base and Employee Level is setup as Null. Zero is considered as maximum cap ‘0’.

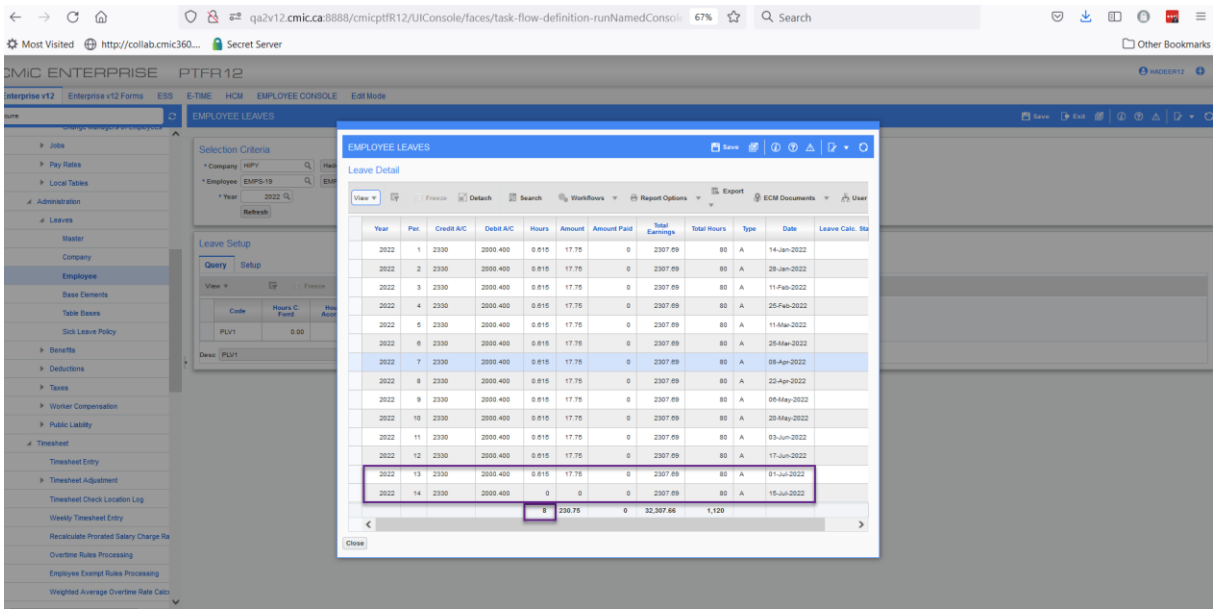
Annual Accrual Leave Cap on Company Level, with Max Accrual and Annual Cap Limit values.
No Table Base. No Employee Level setup overrides.
Condition below was to set Eligible Days and Hours higher than the allowed eligible to accrue faster.
Leave Setup Conditions: Table Base (Null), Employee Level (Null), Company Level Setup with max accrual and annual cap.


CMiC ENTERPRISE PTFR12
LEAVES MASTER
Leave Details


CMiC ENTERPRISE PTFR12
COMPANY LEAVES
Selection Criteria
Company Leave Details
General
Accounting
Advanced Setup


CMiC ENTERPRISE PTFR12
COMPANY LEAVES
Selection Criteria
Company Leave Details
General
Accounting
Advanced Setup

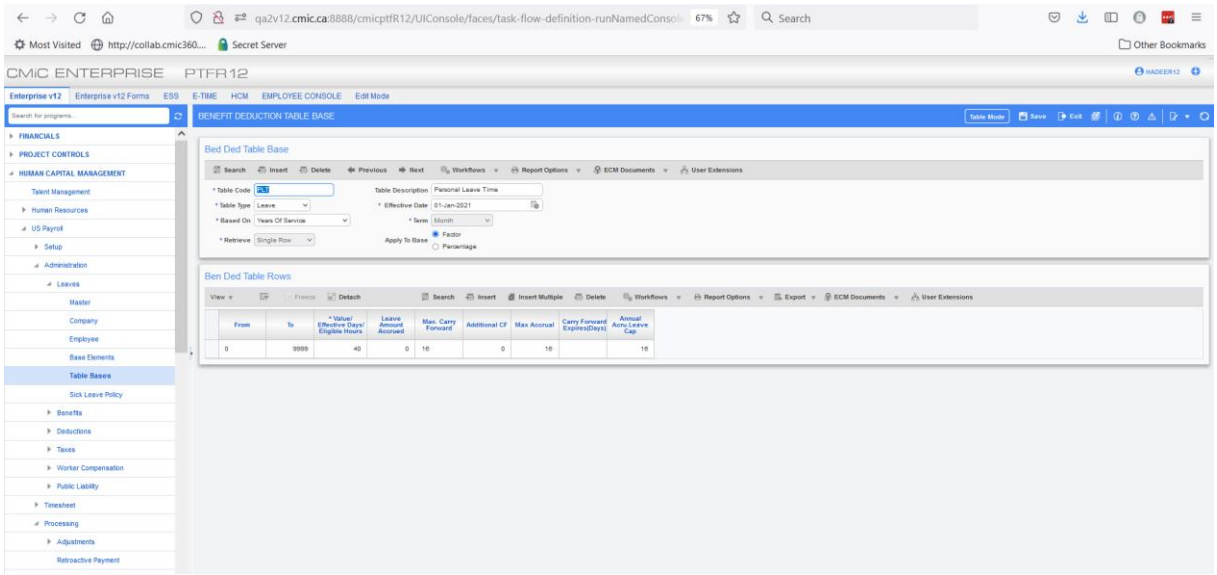

CMiC ENTERPRISE PTFR12
EMPLOYEE LEAVES
Selection Criteria
Leave Setup
Query
Setup

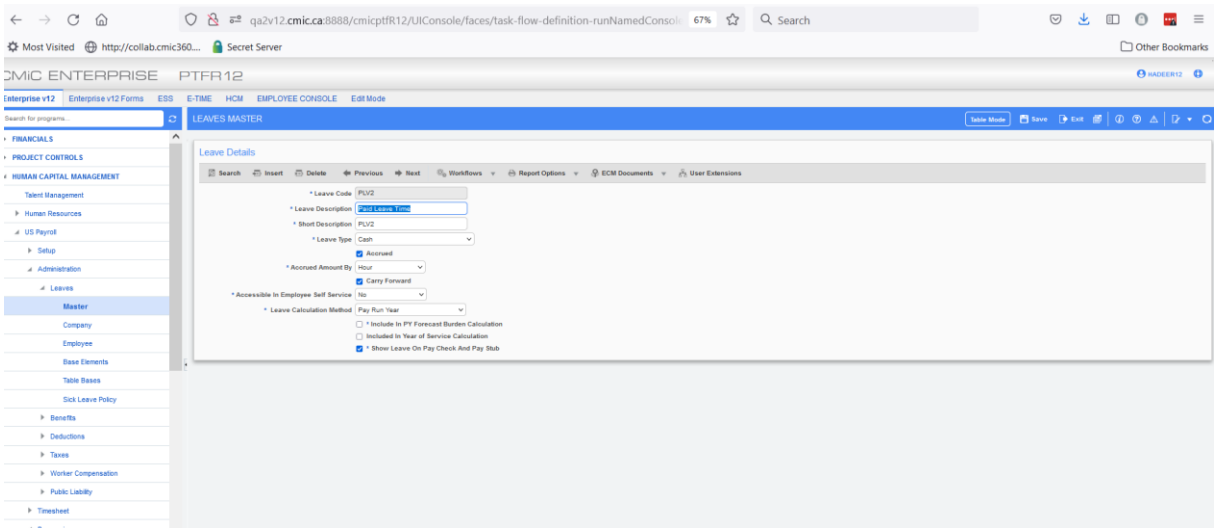


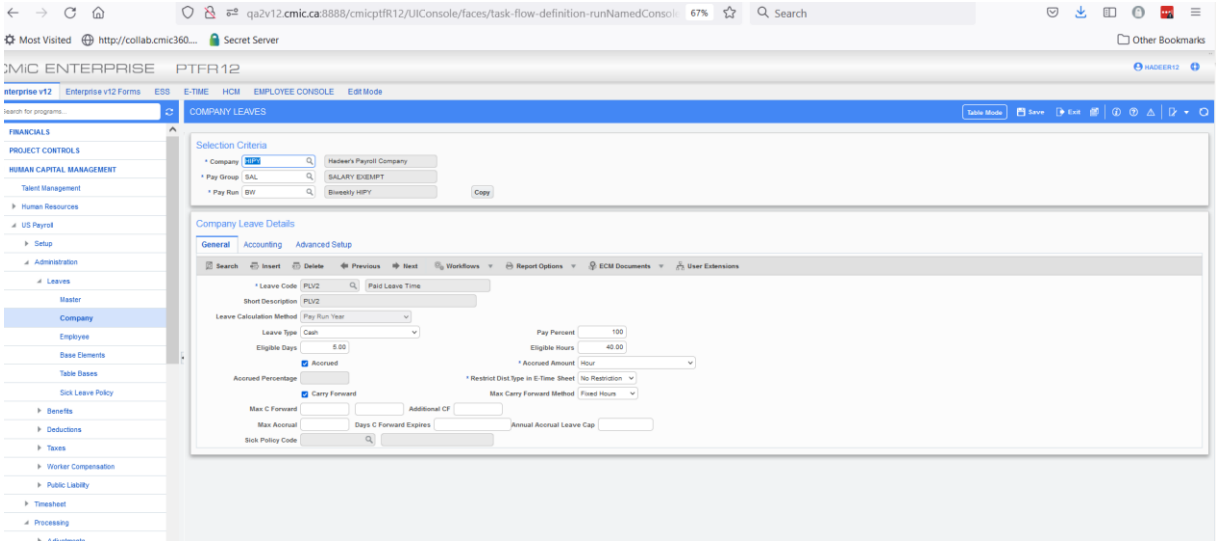
Annual Accrual Leave Cap with a Table Base

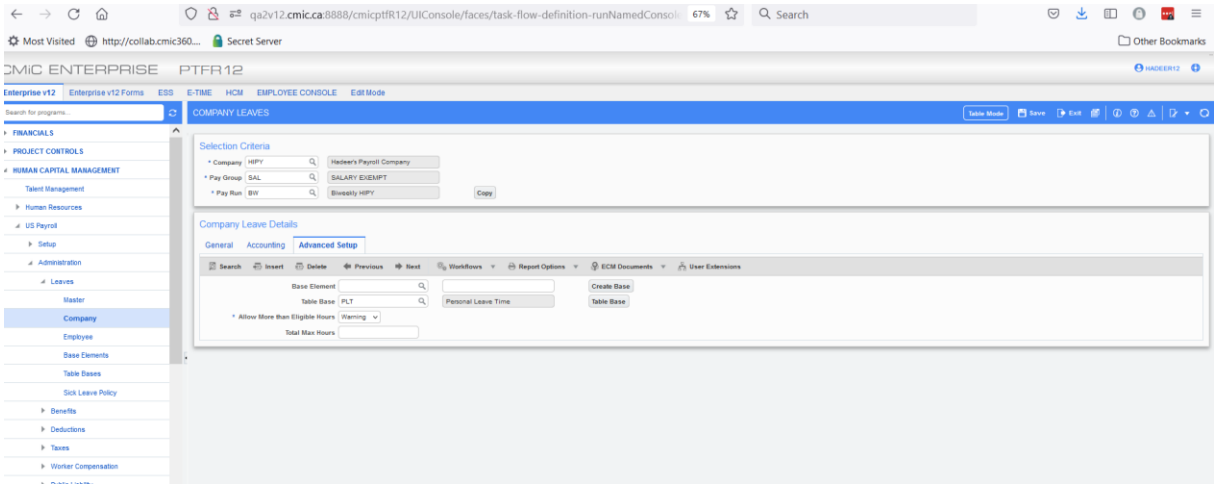
Basic Table Setup as Factor with Company Level. The Employee Leave stopped accruing when reached max accrual and Annual Cap. Employee did not accrue hours after the Annual Cap Limit was reached.

Leave Code PLT is setup as Hours. The Table Setup has both Max Accrual value as well as Annual Cap Value.

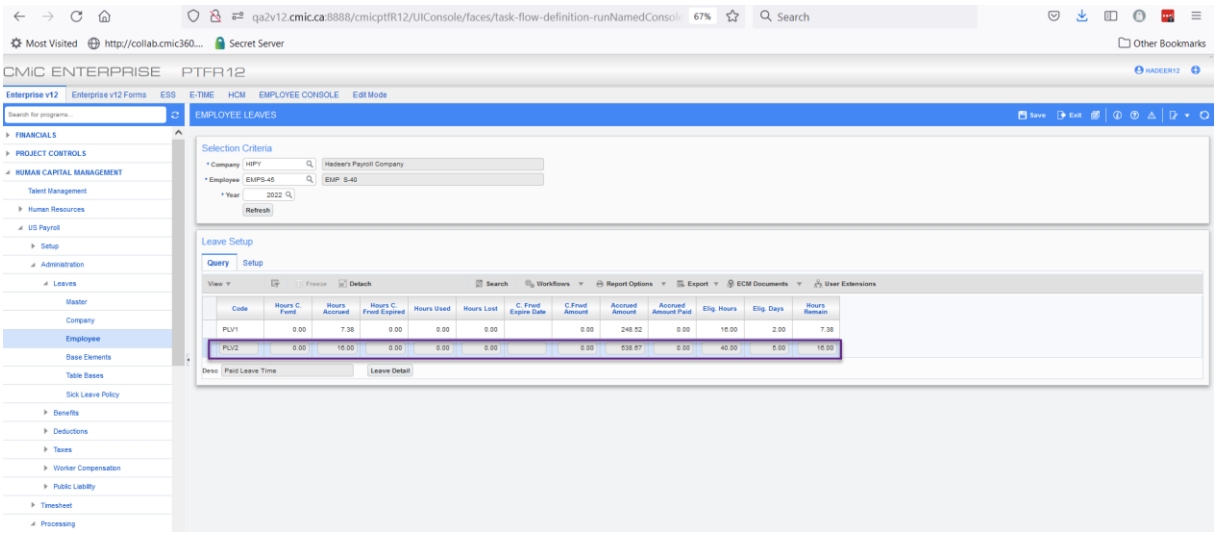


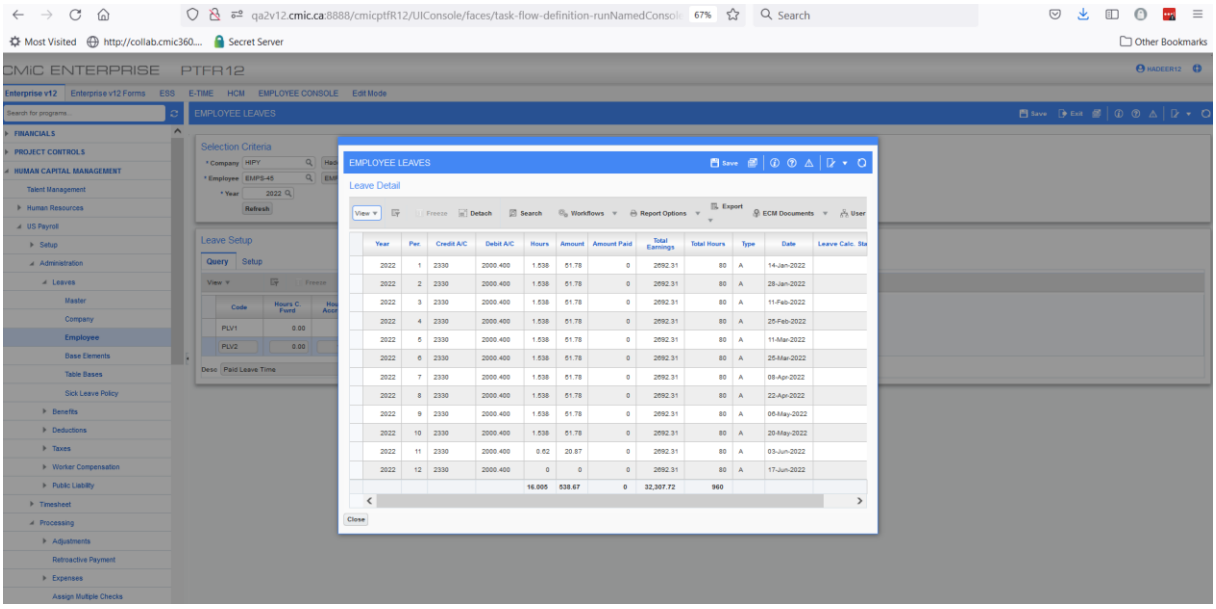

LEAVES MASTER
Leave Details


COMPANY LEAVES
Selection Criteria
Company Leave Details
General
Accounting
Advanced Setup


COMPANY LEAVES
Selection Criteria
Company Leave Details
General
Accounting
Advanced Setup

Leave accrued hours correctly as per Table Setup and stopped accruing hours based on the table setup and Annual Cap Limit set on the table base.

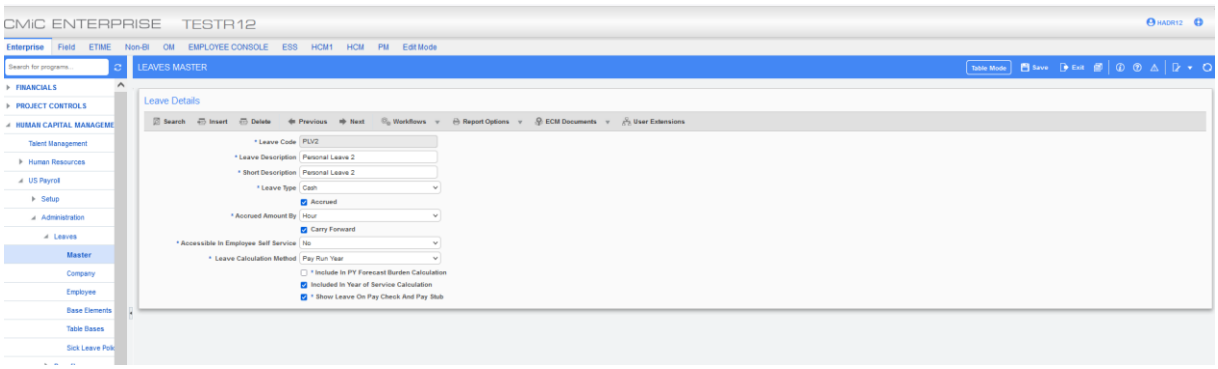


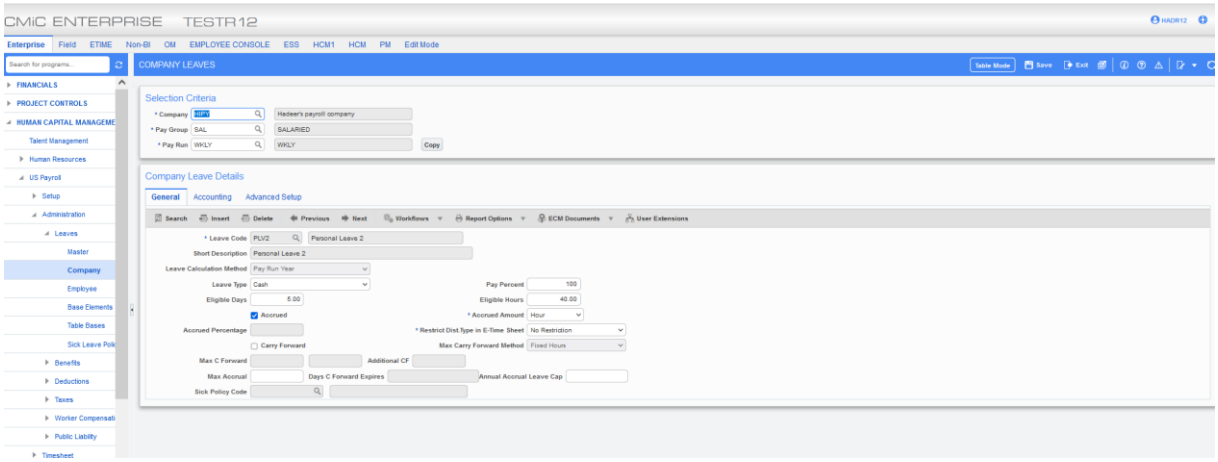


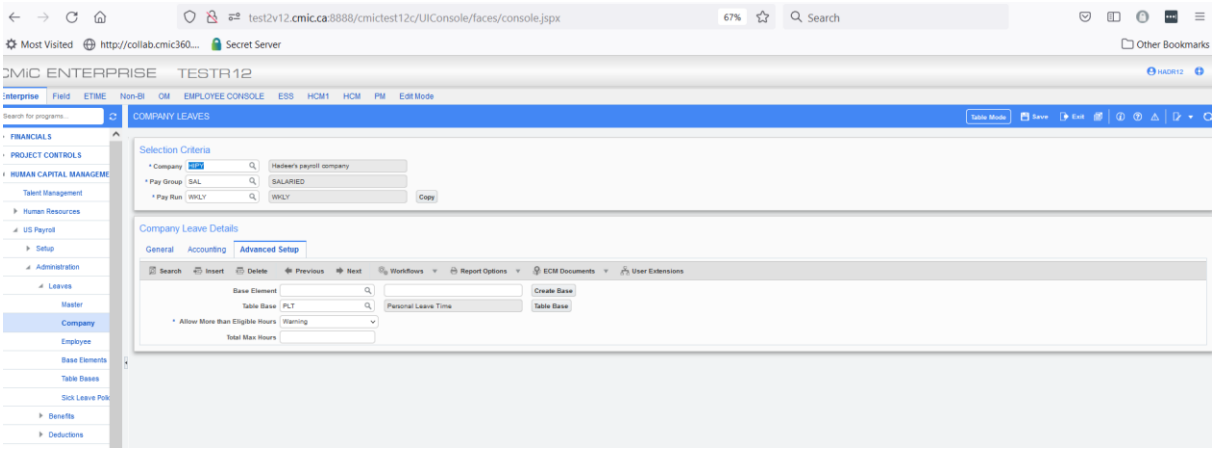
Annual Accrual Leave Cap on Employee Level Setup with Leave Table Base.

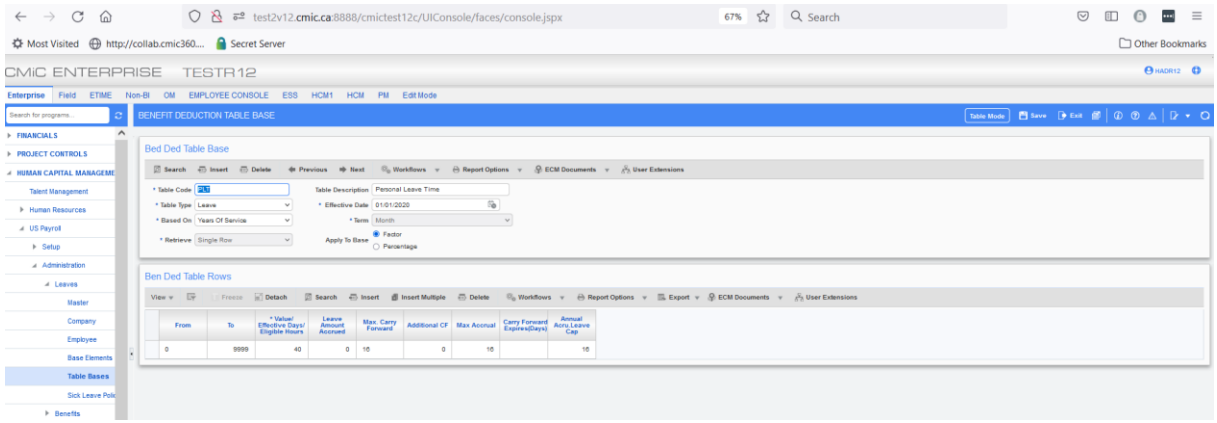
Once employee reaches the table base annual accrual leave cap. Enter and set Annual Accrual Leave Cap on employee leave setup. Leave Accrued Amount by Hours.

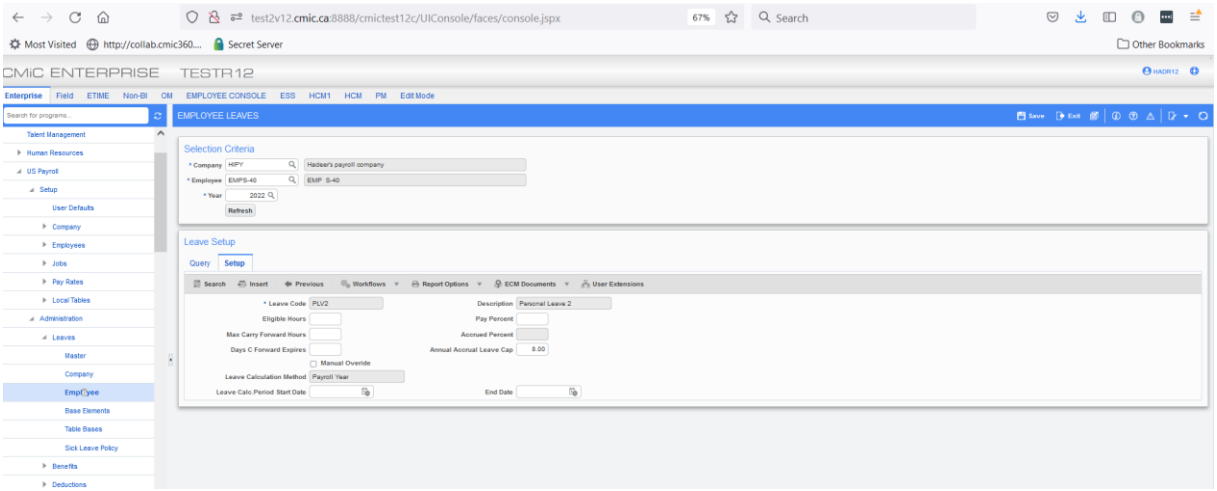
Table base but employee override of the Annual cap leave is reached, and employee uses leave hours.

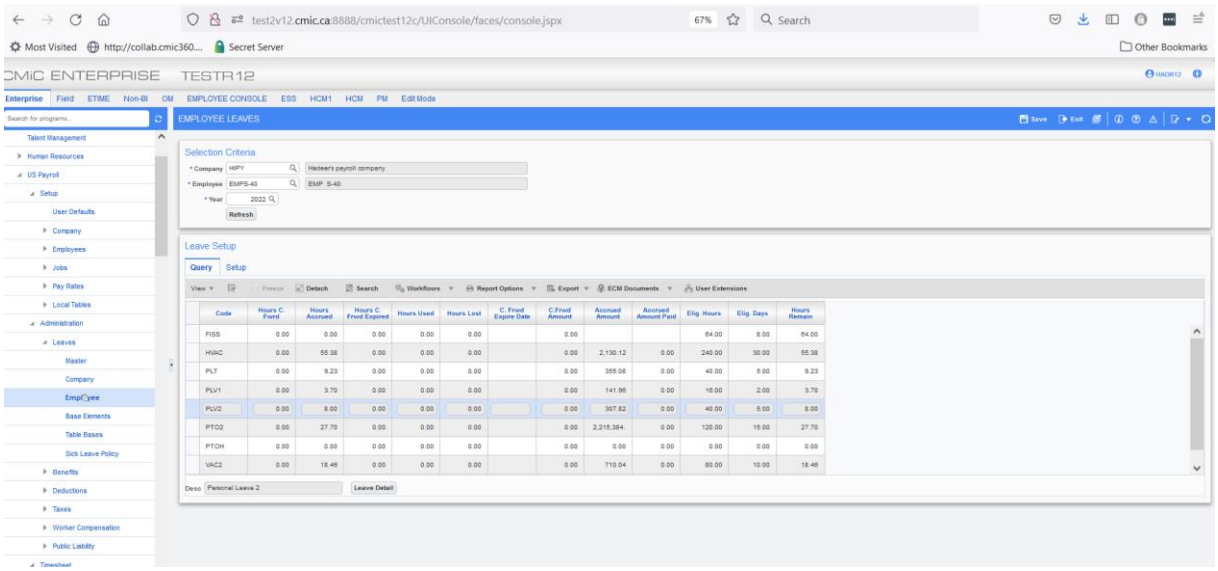

CMiC ENTERPRISE TESTR12
Enterprise Field ETIME Non-BI OM EMPLOYEE CONSOLE ESS HCM1 HCM PM Edit Mode
LEAVES MASTER
Table Mode Save Exit
Leave Details
Search Insert Delete Previous Next Workflows Report Options ECM Documents User Extensions
* Leave Code PLV2
* Leave Description Personal Leave 2
* Short Description Personal Leave 2
* Leave Type Cash
Accrued
* Accrued Amount By Hour
Carry Forward
* Accessible In Employee Self Service No
* Leave Calculation Method Pay Run Year
* Include In PY Forecast Burden Calculation
Included In Year of Service Calculation
* Show Leave On Pay Check And Pay Stub

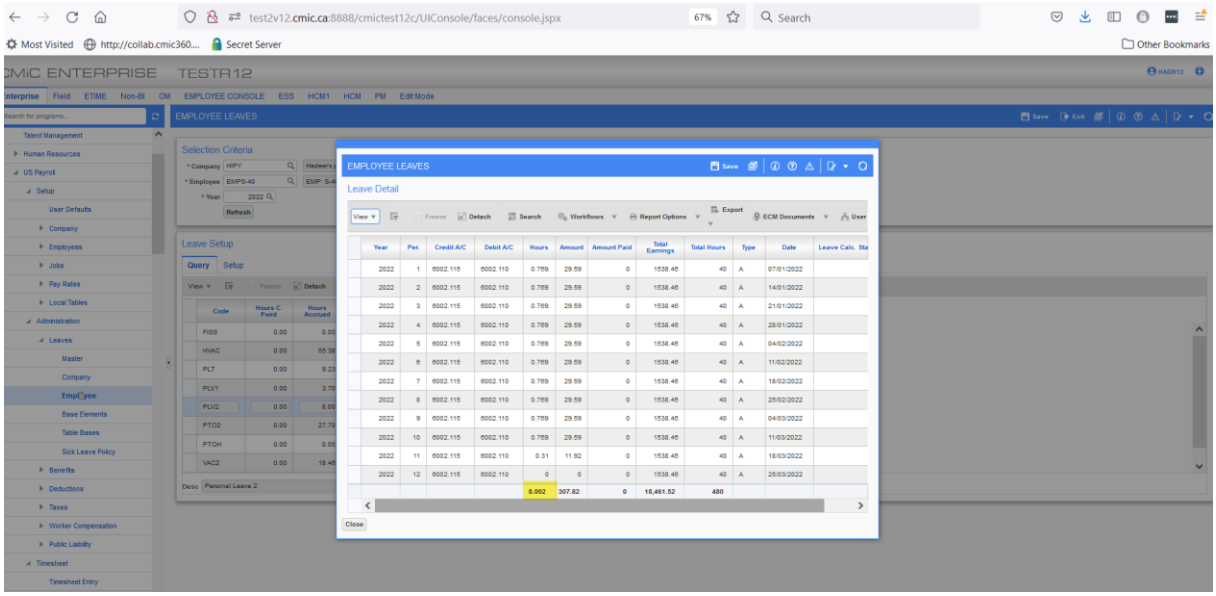

CMiC ENTERPRISE TESTR12
Enterprise Field ETIME Non-BI OM EMPLOYEE CONSOLE ESS HCM1 HCM PM Edit Mode
COMPANY LEAVES
Table Mode Save Exit
Selection Criteria
* Company HDC Hadeer's payroll company
* Pay Group SAL SALARIED
* Pay Run WKLY WKLY Copy
Company Leave Details
General Accounting Advanced Setup
Search Insert Delete Previous Next Workflows Report Options ECM Documents User Extensions
* Leave Code PLV2 Personal Leave 2
Short Description Personal Leave 2
Leave Calculation Method Pay Run Year
Leave Type Cash
Pay Percent 100
Eligible Days 5.00
Eligible Hours 40.00
Accrued
* Accrued Amount Hour
Accrued Percentage
* Restrict Dist.Type in E-Time Sheet No Restriction
Carry Forward
Max Carry Forward Method Fixed Hours
Max C Forward
Additional CF
Max Accrual
Days C Forward Expires
Annual Accrual Leave Cap
Sick Policy Code


CMiC ENTERPRISE TESTR12
COMPANY LEAVES
Selection Criteria
Company Leave Details
General
Accounting
Advanced Setup


CMiC ENTERPRISE TESTR12
BENEFIT DEDUCTION TABLE BASE
Bed Ded Table Base
Ben Ded Table Rows


CMiC ENTERPRISE TESTR12
EMPLOYEE LEAVES
Selection Criteria
Leave Setup
Query
Setup



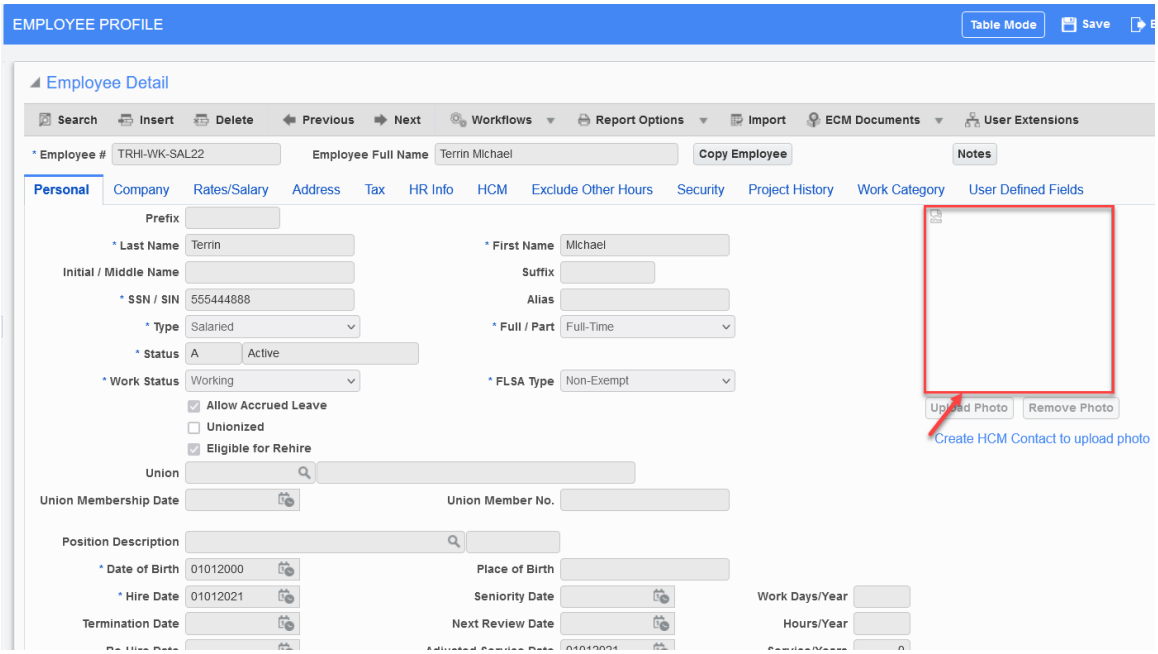


Employee leave setup takes precedence over leave table base.

System stopped accruing leave hours as the employee reached the annual accrual leave cap of 8 hours.

Employee Profile Photo Upload (21.44833)

Overview



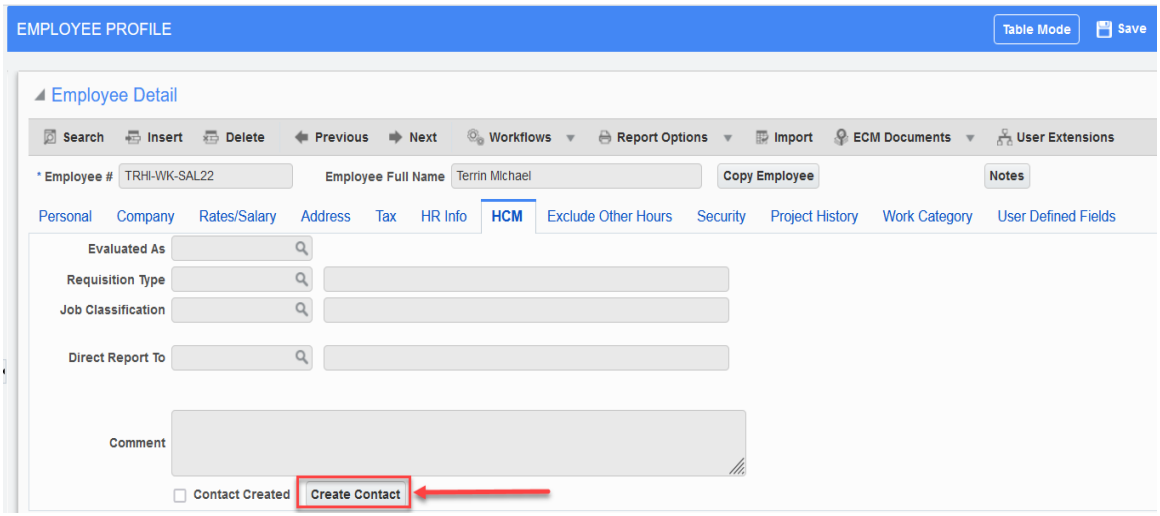
Pgm: PYEMPLOY – Employee Profile; standard Treeview path: US Payroll > Setup > Employees > Employee Profile – Personal tab

CMiC has added a new feature which gives users the option of adding a photo to an Employee Profile. The location of the employee profile photo is in the top-right corner of the Personal tab, as shown in the screenshot above.

Pre-requisite

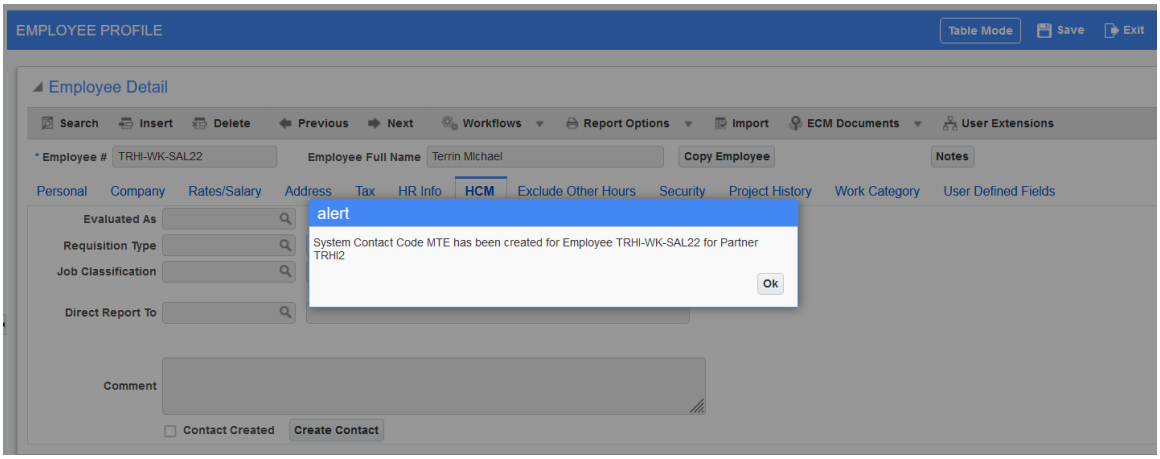
A pre-requisite to uploading an employee profile photo is that an HCM Contact record must be created if it doesn't already exist for the employee. If an HCM Contact record doesn't exist for the employee, the [**Upload Photo**] button will not be enabled on the Personal tab of the Employee Profile.

A Contact record is created for the employee on the HCM tab of the Employee Profile.

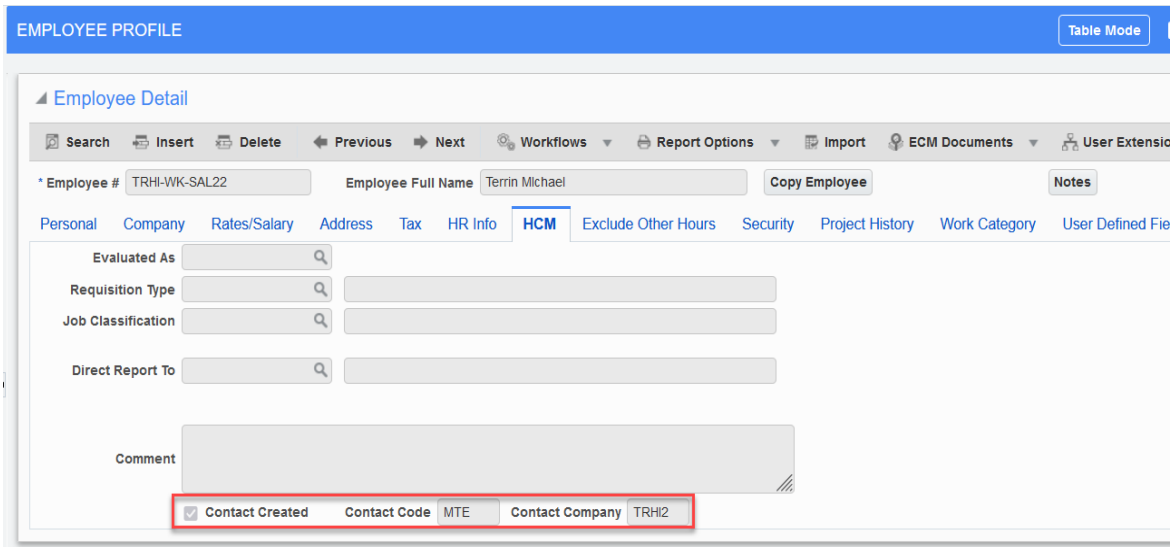


Pgm: PYEMPLOY – Employee Profile; standard Treeview path: US Payroll > Setup > Employees > Employee Profile – HCM tab

For existing employees, the [**Create Contact**] button will be enabled on the HCM tab. Click this button to create a Contact record linked to the employee.



Once a Contact record is successfully created, a confirmation message will be displayed, as shown above.

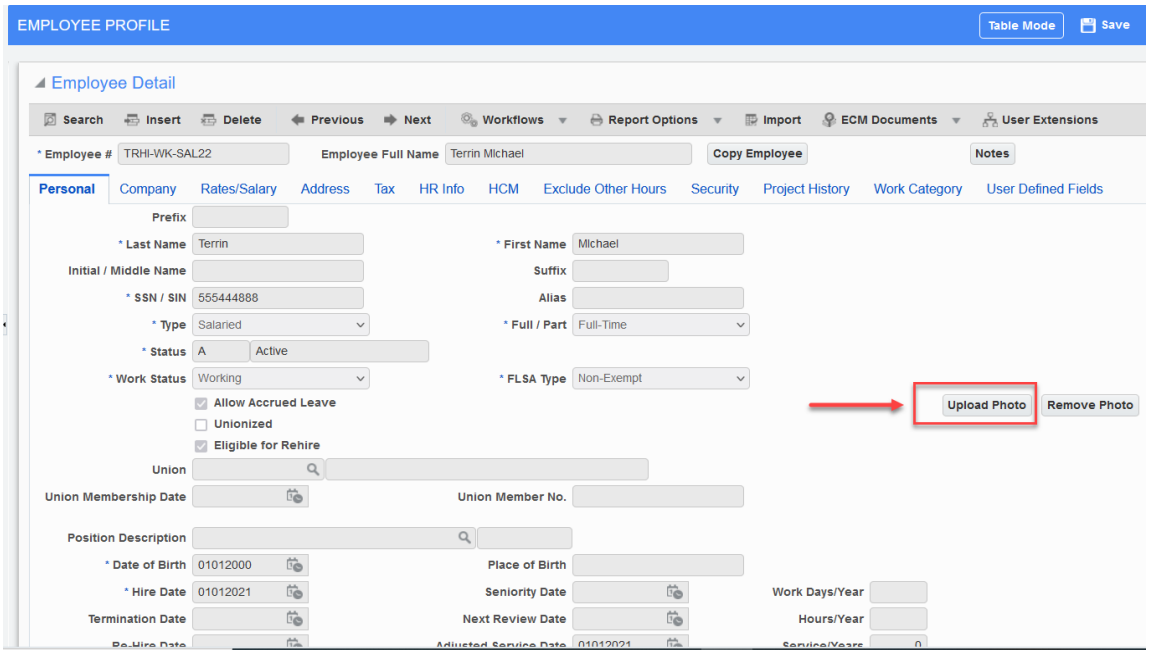


Pgm: PYEMPLOY – Employee Profile; standard Treeview path: US Payroll > Setup > Employees > Employee Profile – HCM tab

After a Contact record is created for the employee, the [**Create Contact**] button will disappear and the 'Contact Created' checkbox will be checked at the bottom of the HCM tab. In addition, the Contact Code and Contact Company fields will be displayed.

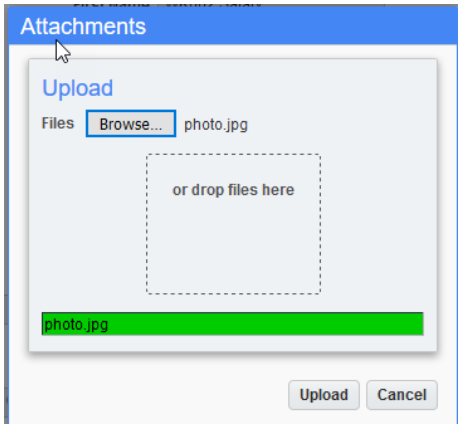
On the Personal tab, the [**Upload Photo**] button will now be enabled.

Implementation



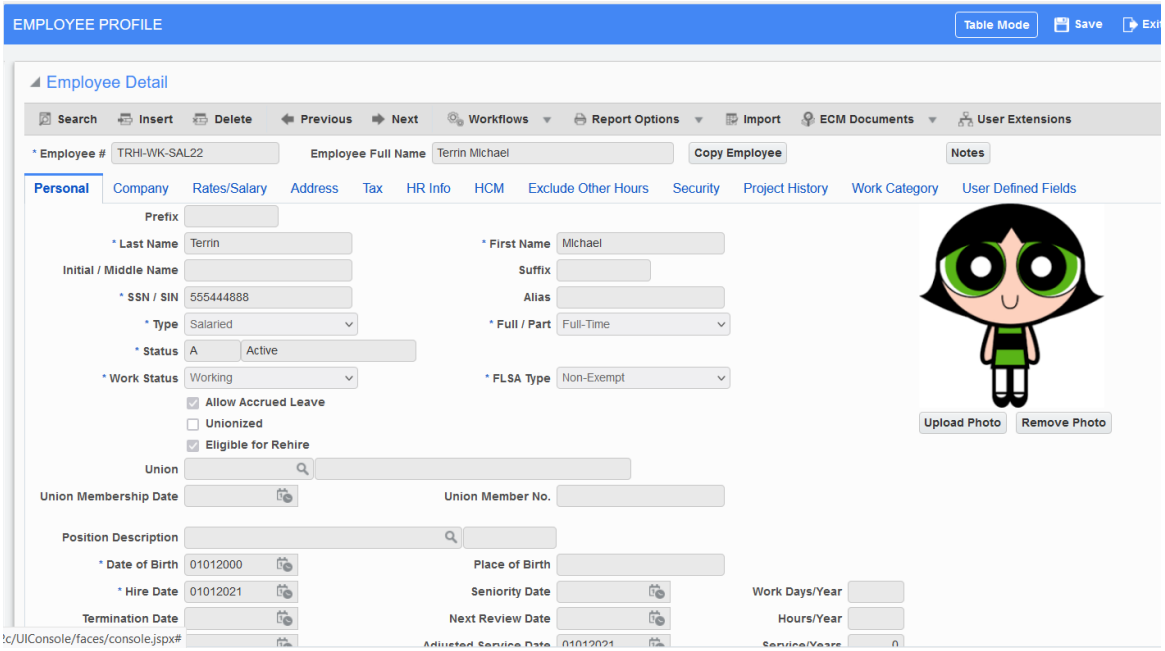
Pgm: PYEMPLOY – Employee Profile; standard Treeview path: US Payroll > Setup > Employees > Employee Profile – Personal tab

The [**Upload Photo**] and [**Remove Photo**] buttons will be enabled on the Personal tab of the Employee Profile only if the employee has an existing Contact record created, as detailed in the previous Pre-requisites section.



Pop-up window launched from [Upload Photo] button on Employee Profile

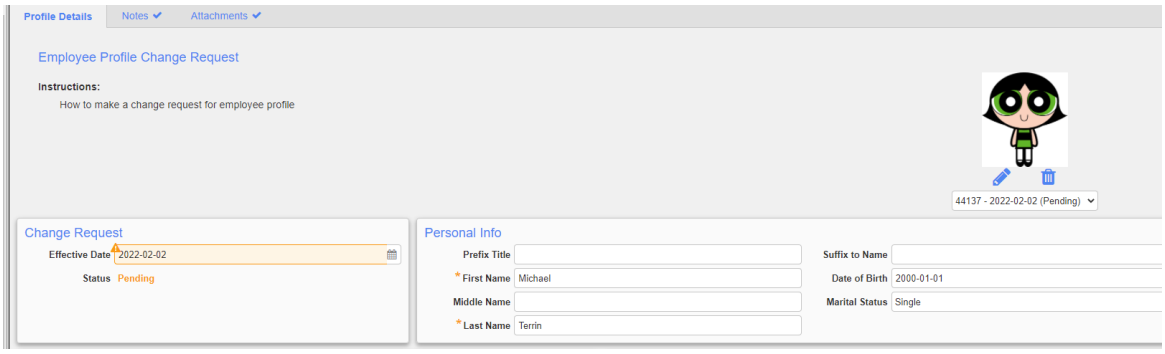
Click the [**Upload Photo**] button to launch the Attachments pop-up window, where a classic upload screen is used to upload a photo.



Pgm: PYEMPLOY – Employee Profile; standard Treeview path: US Payroll > Setup > Employees > Employee Profile – Personal tab

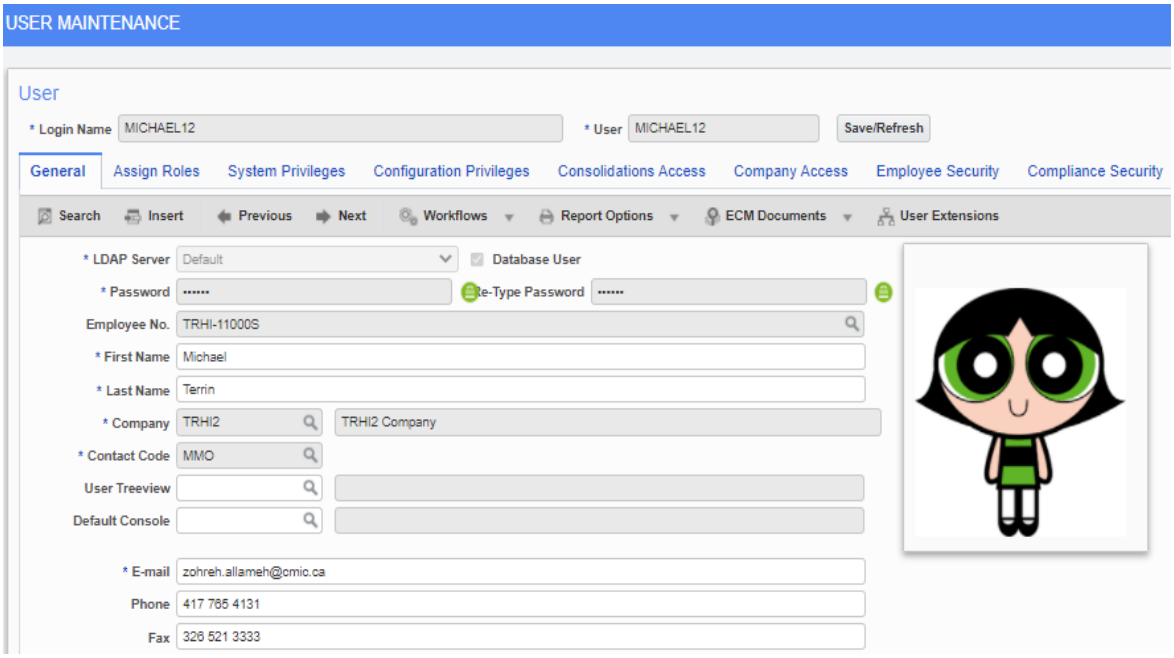
Once the photo is successfully uploaded, it will be displayed on the Employee Profile.

This photo will be synchronized with the ADF User Maintenance screen and ESS Profile Information screen.



In the ESS Profile Information screen, the same photo will be automatically displayed.

Users can update the photo from the ESS screen when the status is “Pending” or “Rejected”.



Pgm: SDUSRMNT – User Maintenance; standard Treeview path: System > Security > Users > User Maintenance - General tab

In the ADF User Maintenance screen, the same photo will be automatically displayed.

NOTE: In all these screens, only one photo can be uploaded. Uploading more than once will only replace the photo previously uploaded. The photo uploaded in any of these screens will be reflected in all screens, since it is the same employee and only one profile photo is kept for each individual employee in the system.

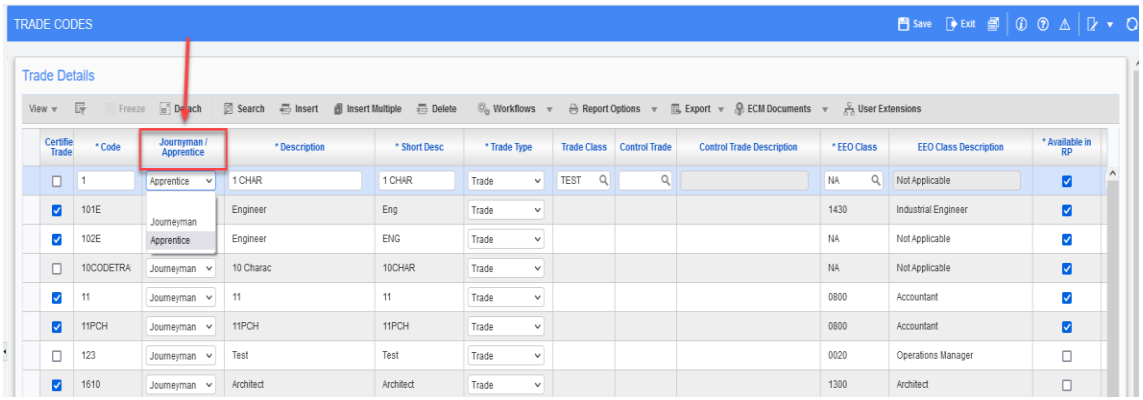
New York Certified Payroll (21.46636)

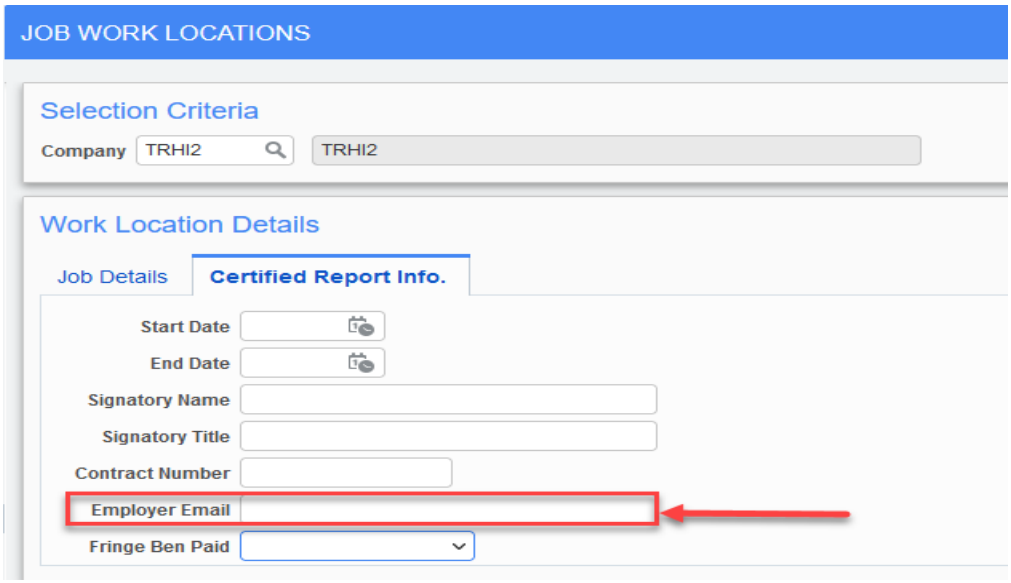
Overview

CMiC has developed and added a custom Certified Report called ‘New York Certified Payroll Report’. This report DOES NOT replace the standard CMiC Certified Report.

Pre-requisites

The user should map Transaction codes in the certified Payroll Mapping screen. A new column “Journeyman/Apprentice” has been added to the Trade Code screen. This column is hidden by default so the user should enable it through Lite Editor. In the Certified Report Info tab of the Job Work Location screen, a new field Employer Email field has been added.

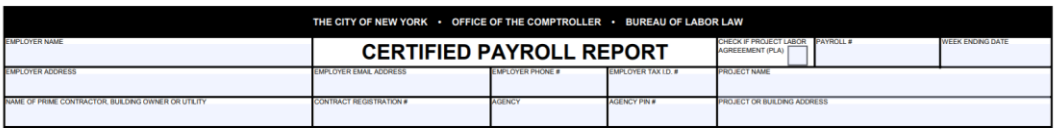




Modifications

The heading of the Certified Payroll will be the same as for the DEP Certified Payroll.

The header will include the following columns:



Employer Name is Job Company Name

Employer Address is Job Company Address

Payroll# is Period Number

Working Ending date is Period End Date

Name of Prime Contractor is Job Company Name

Employer Email address - add the email address field on Job Work Location screen

Contract Registration - which has been setup under Job Work Location screen.

Employer Phone# - add a contact number for certified report verification

Agency - add a field and users can add agency information as free form text (no validation) up to 15 characters

Employer Tax ID - Federal Id Number (FEIN) of the company

Agency Pin - add a field and users can add agency pin information as free form text (no valid ation) up to 15 characters.

Project Name - Job name

Project Address - Job Address

This report should show the last four digit of the employee's SIN#

Mask the social security up to last four- digits.

Column 2 (Exemptions) has been removed from the report

Work Classification should include local number and check box for Journeyman/Apprentice should be the top line and OT should be underneath ST- The local number is the union code and the short description of the union.

Walsh will update all existing trades with the proper value and will continue to update the value when adding new trades in the future.

If the value is not defined as J or A, then default value will be taken as J- Journeyman.

Columns 4, 5, 6 and 7 are correct

Column 4 weekdays are correct on existing federal certified report.

Column 5 total hours are also correct, and no change is required.

Column 6 hourly rate & column 7 gross amount are also correct.

Column 8 will be one column for "Withholding and Deductions"

Remove the separate Columns for Fed, Tax, FICA, Local/State Tax. SDI and Vacation Holiday. They should be aggregated. The amount in this column should be difference between Gross Pay and Net Pay. All the mapping columns will be removed except "Fringe Benefits" and "Others". These 2 will remain on the report.

Column 9 should be "Net Pay", remove check NO

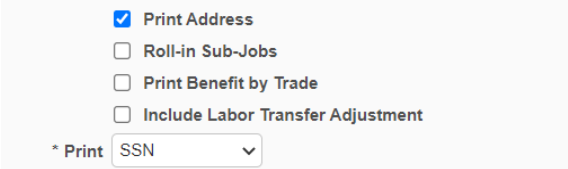
The Net Pay remains as is with the same calculation to add all employees gross wage minus deductions.

The final column should be "Hourly Contributions to Benefits Funds" (Total Benefits)

The rest of the columns from the New York Certified report will not be considered in this work order

Parameter screen

All the options will remain. The "Print Benefit by Trade" checkbox will only work for mapping columns for "others" and "Fringe Benefit".



The bottom of report should have the disclaimer and signature lines.

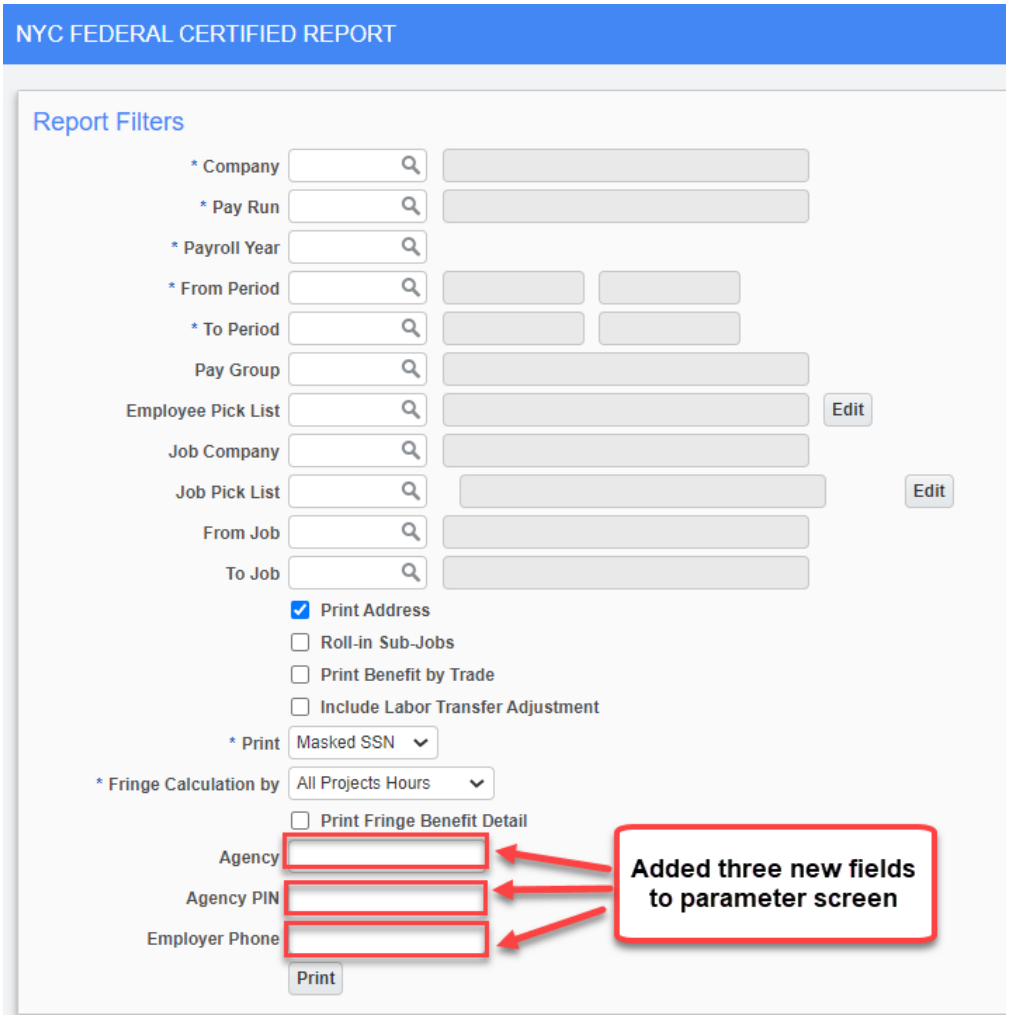
NOTES: This enhancement is not to create the same report available on New York DOL website (see report below).

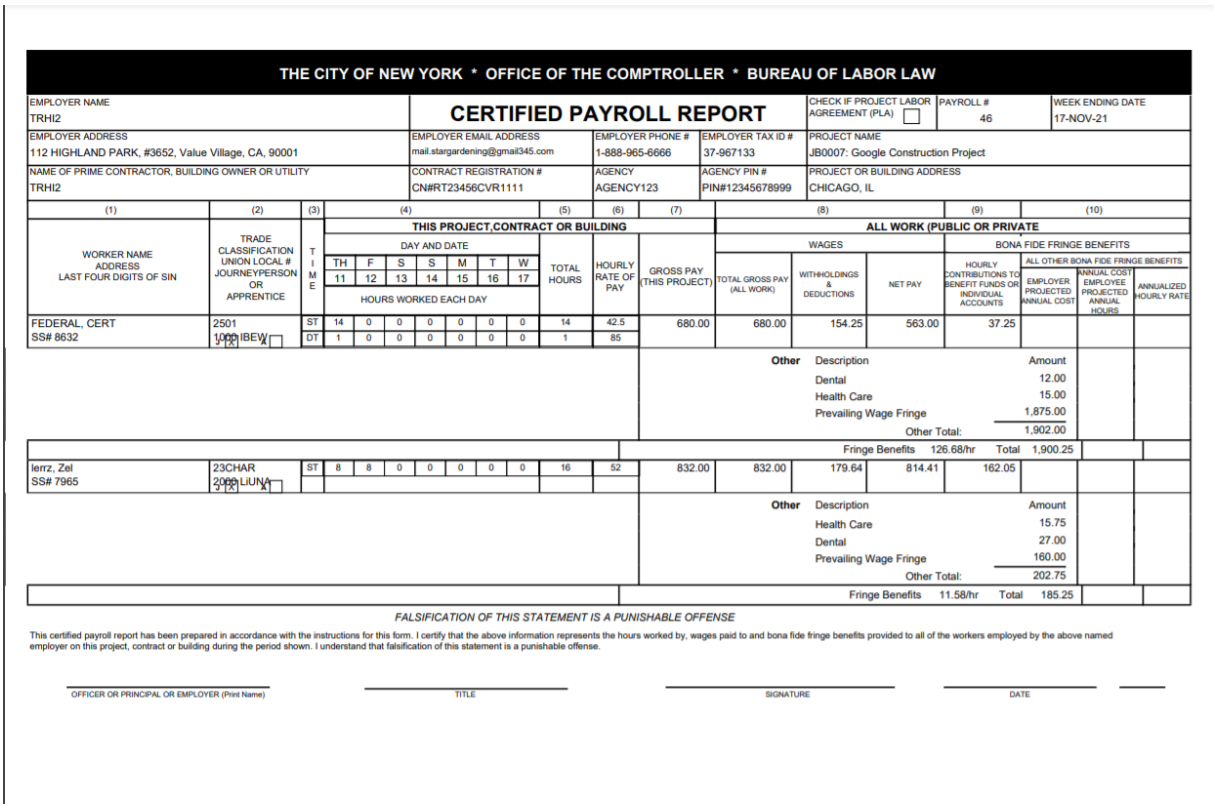
The report is not a replacement for the federal certified report.

This report will be a permanent custom report for Walsh for NY.

Implementation

The report should be added to the menu through Treeview builder. Target name is **PY -JSREP- NYC Federal Certified Payroll.**





THE CITY OF NEW YORK * OFFICE OF THE COMPTROLLER * BUREAU OF LABOR LAW

CERTIFIED PAYROLL REPORT

EMPLOYER NAME				CHECK IF PROJECT LABOR AGREEMENT (PLA)	PAYROLL #	WEEK ENDING DATE
TRHI2				☐	46	17-NOV-21
EMPLOYER ADDRESS	EMPLOYER EMAIL ADDRESS	EMPLOYER PHONE #	EMPLOYER TAX ID #	PROJECT NAME		
112 HIGHLAND PARK, #3652, Value Village, CA, 90001	mail.stargardening@gmail345.com	1-888-965-6666	37-967133	JB0007: Google Construction Project		
NAME OF PRIME CONTRACTOR, BUILDING OWNER OR UTILITY	CONTRACT REGISTRATION #	AGENCY	AGENCY PIN #	PROJECT OR BUILDING ADDRESS		
TRHI2	CN#RT23456CVR1111	AGENCY123	PIN#12345678999	CHICAGO, IL		

(1)	(2)	(3)	(4)							(5)	(6)	(7)	(8)			(9)	(10)		
			THIS PROJECT,CONTRACT OR BUILDING										ALL WORK (PUBLIC OR PRIVATE						
			DAY AND DATE										WAGES			BONA FIDE FRINGE BENEFITS			
WORKER NAME ADDRESS LAST FOUR DIGITS OF SIN	TRADE CLASSIFICATION UNION LOCAL # JOURNEYPERSON OR APPRENTICE	TIME	TH	F	S	S	M	T	W	TOTAL HOURS	HOURLY RATE OF PAY	GROSS PAY (THIS PROJECT)	TOTAL GROSS PAY (ALL WORK)	WITHHOLDINGS & DEDUCTIONS	NET PAY	HOURLY CONTRIBUTIONS TO BENEFIT FUNDS OR INDIVIDUAL ACCOUNTS	ALL OTHER BONA FIDE FRINGE BENEFITS: EMPLOYER PROJECTED ANNUAL COST	ANNUAL COST EMPLOYEE PROJECTED ANNUAL HOURS	ANNUALIZED HOURLY RATE
			11	12	13	14	15	16	17										
			HOURS WORKED EACH DAY																
FEDERAL, CERT	2501	ST	14	0	0	0	0	0	0	14	42.5	680.00	680.00	154.25	563.00	37.25			
SS# 8632	1000 IBEW ☒	DT	1	0	0	0	0	0	0	1	85								

Other	Description	Amount
	Dental	12.00
	Health Care	15.00
	Prevailing Wage Fringe	1,875.00
	Other Total:	1,902.00

Fringe Benefits 126.68/hr Total 1,900.25

Ierrz, Zel	23CHAR	ST	8	8	0	0	0	0	0	16	52	832.00	832.00	179.64	814.41	162.05			
SS# 7965	2000 LIUNA ☒																		

Other	Description	Amount
	Health Care	15.75
	Dental	27.00
	Prevailing Wage Fringe	160.00
	Other Total:	202.75

Fringe Benefits 11.58/hr Total 185.25

FALSIFICATION OF THIS STATEMENT IS A PUNISHABLE OFFENSE

This certified payroll report has been prepared in accordance with the instructions for this form. I certify that the above information represents the hours worked by, wages paid to and bona fide fringe benefits provided to all of the workers employed by the above named employer on this project, contract or building during the period shown. I understand that falsification of this statement is a punishable offense.

OFFICER OR PRINCIPAL OR EMPLOYER (Print Name) | TITLE | SIGNATURE | DATE

Oracle Import – Addition of Employee and Customer Number

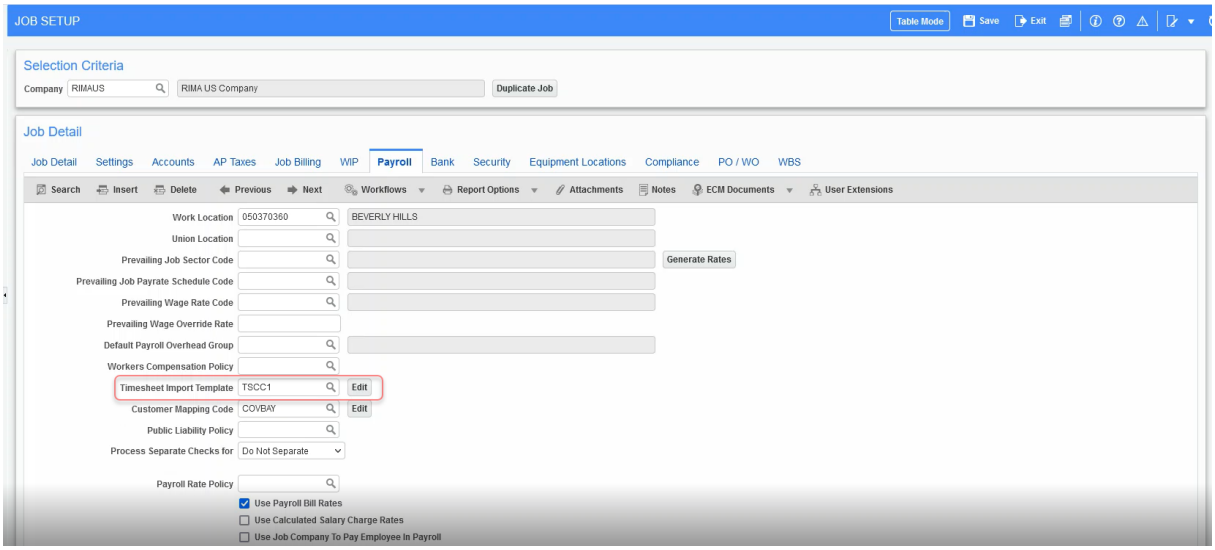
(21.48401)

Overview

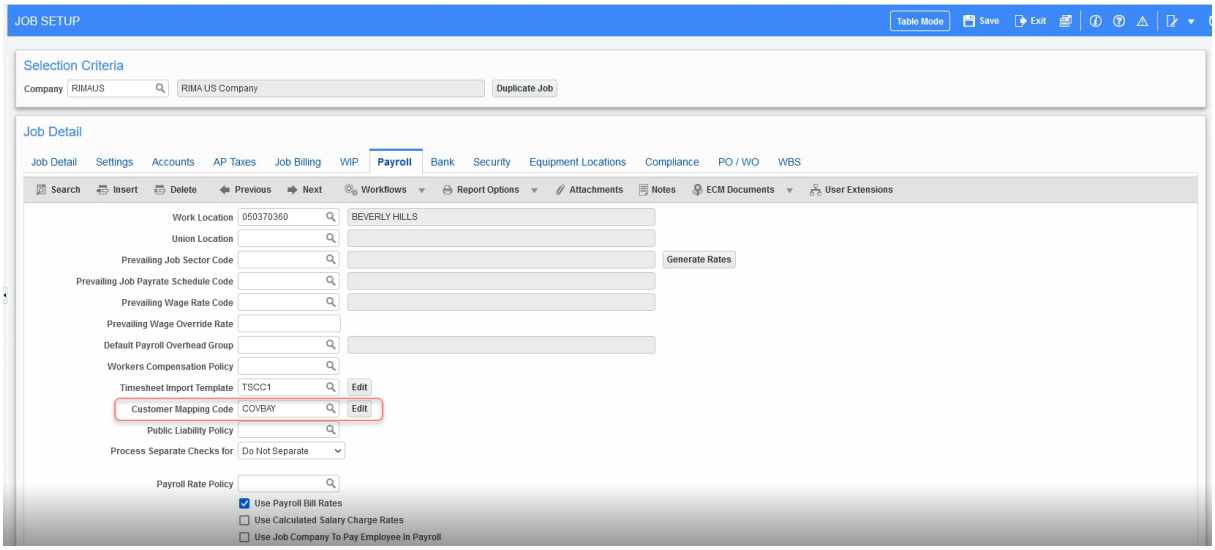
A new column has been added to Import Timesheets from Oracle CTL file. This column will allow customer data mapping. Through customer data mapping, system allows mapping external employee numbers, shift code, hour types of codes to CMIC employee numbers, shift codes, hour type codes. These mapping are then used during timesheet import if the import file contains external employee numbers, shift codes, and hour type codes.

Pre-requisites

1) To use cost code, category mapping by trades feature, a timesheet import template must be created and then assigned to a corresponding job on Job Costing>>Job>>Enter job program under payroll tab as shown below:



2) To use Customer Data Mapping feature to map external employee numbers, shift codes, hour type codes, a mapping code must be created and then assigned to corresponding job on Job Costing>>Job>>Enter job program under Payroll tab as show below:



Modifications

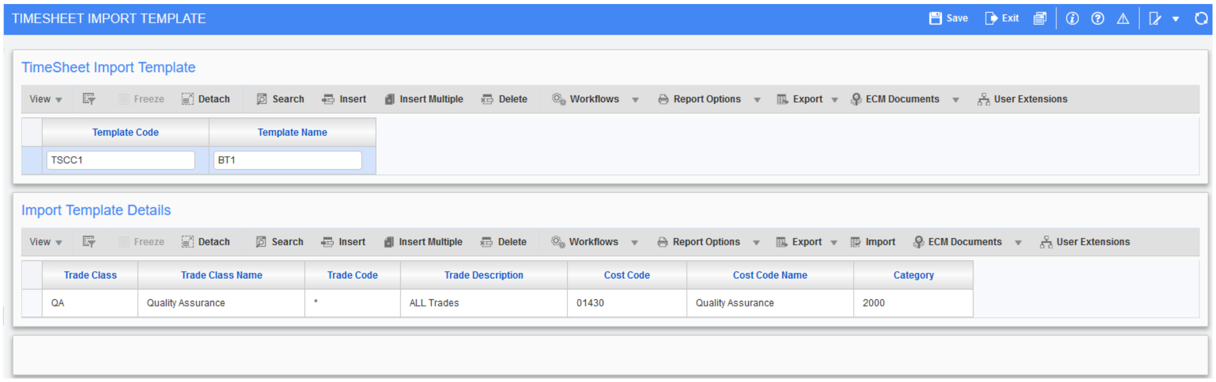
A new column was added to the ctl file on import timesheet from oracle. This column "IMP_TSH_CUST_EMP_NO" was added to the end of the ctl file to allow customer data mapping easily.

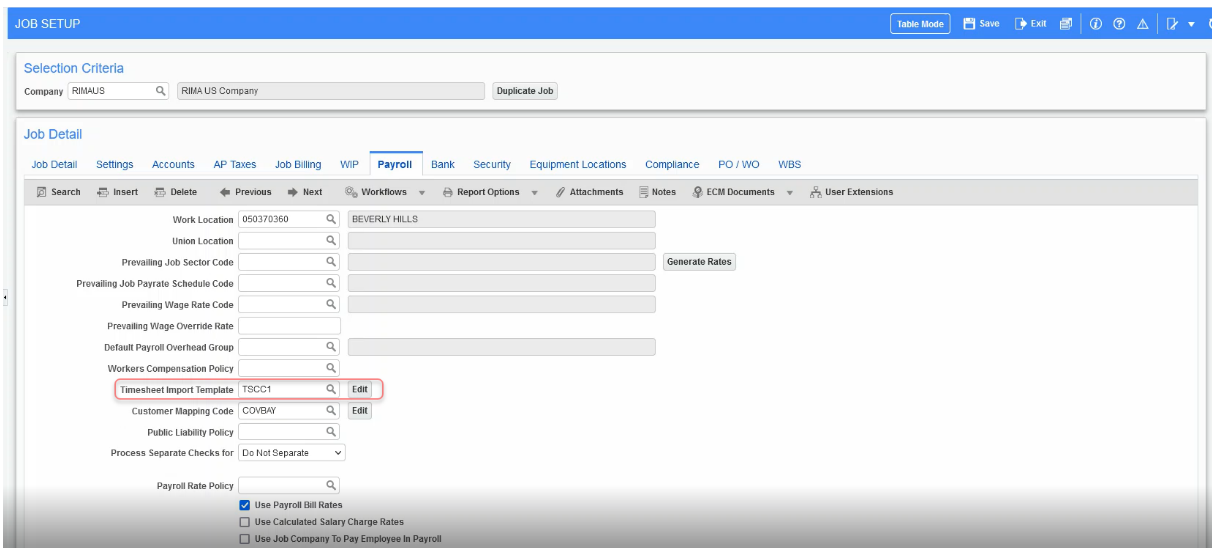
Note: If this column is not to be used a comma must be added for the last column to allow a successful import.

Implementation

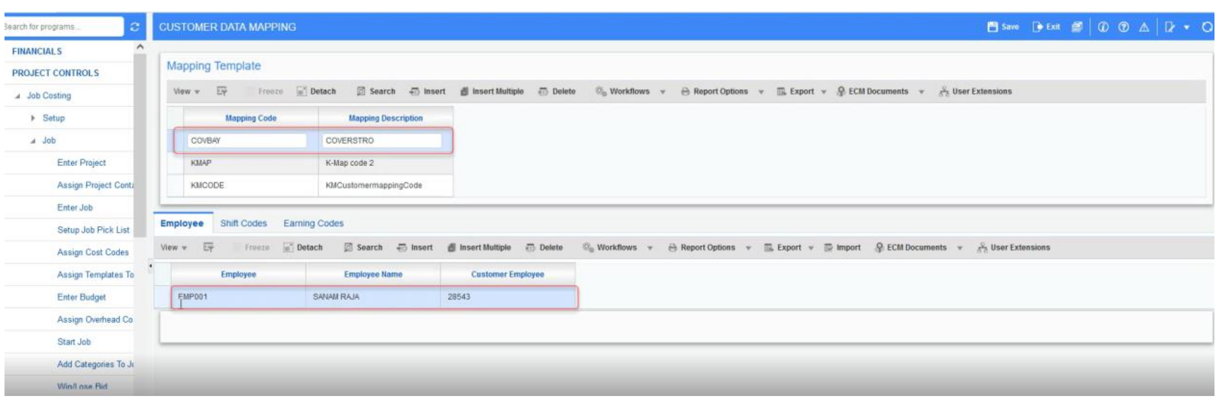
The following example demonstrates how the system maps customer data when it's specified in the import file.

Step 1: Create an import template and assign it to a job. As shown below, cost code and category are mapped to a trade class, trade code:

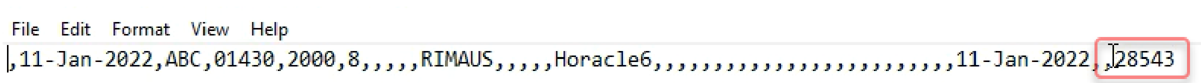




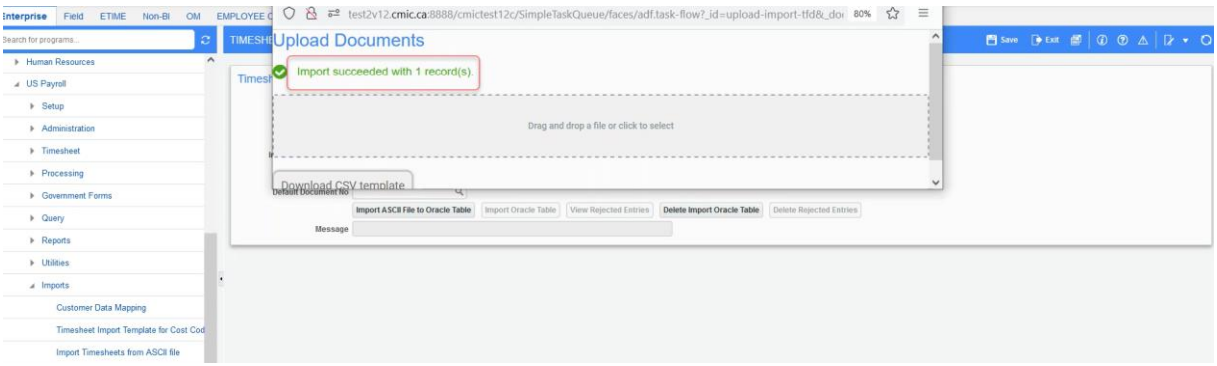
Step 2: Create a customer data mapping template and assign a customer employee to an employee:

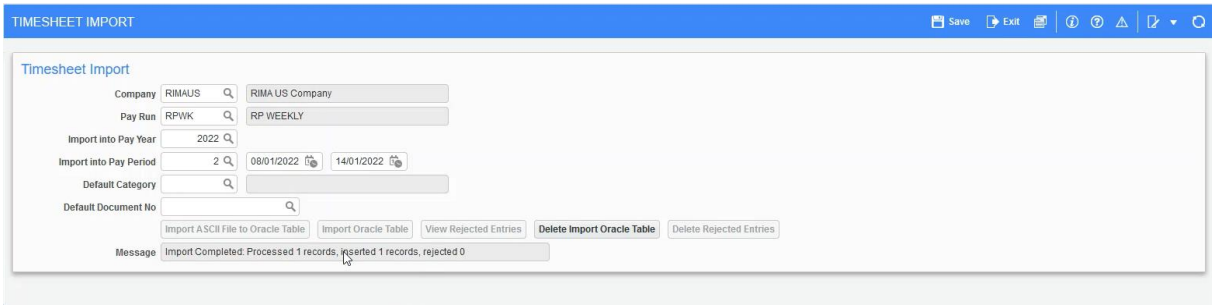


Step 3: As shown below, the employee number does not have a value and the trade code is left blank as well.

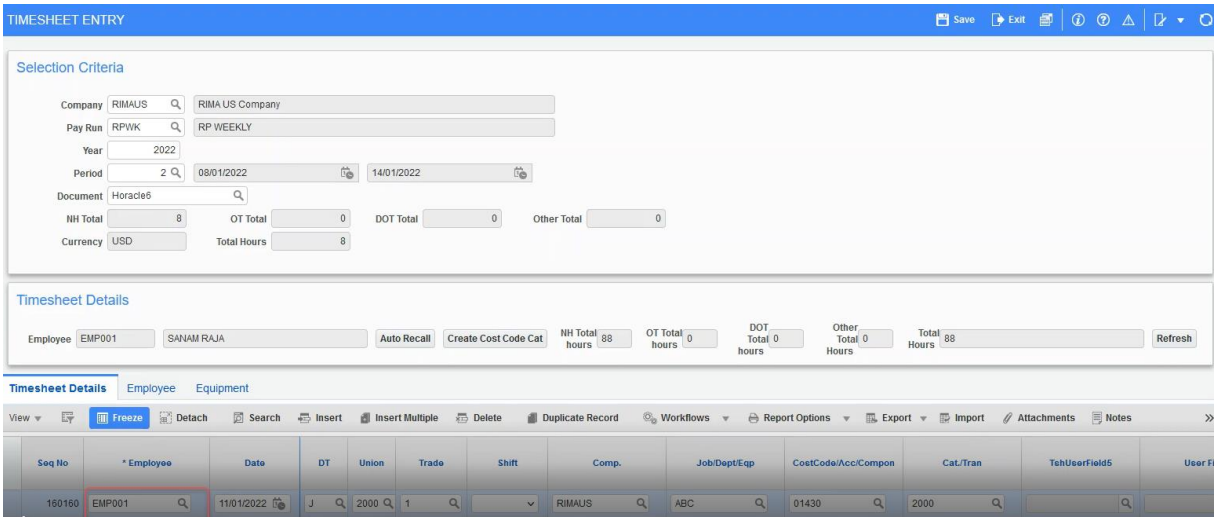


Step 4: Import the file:





Step 5: As shown below, the timesheet entry is created successfully and employee number was picked up as per the mapping:

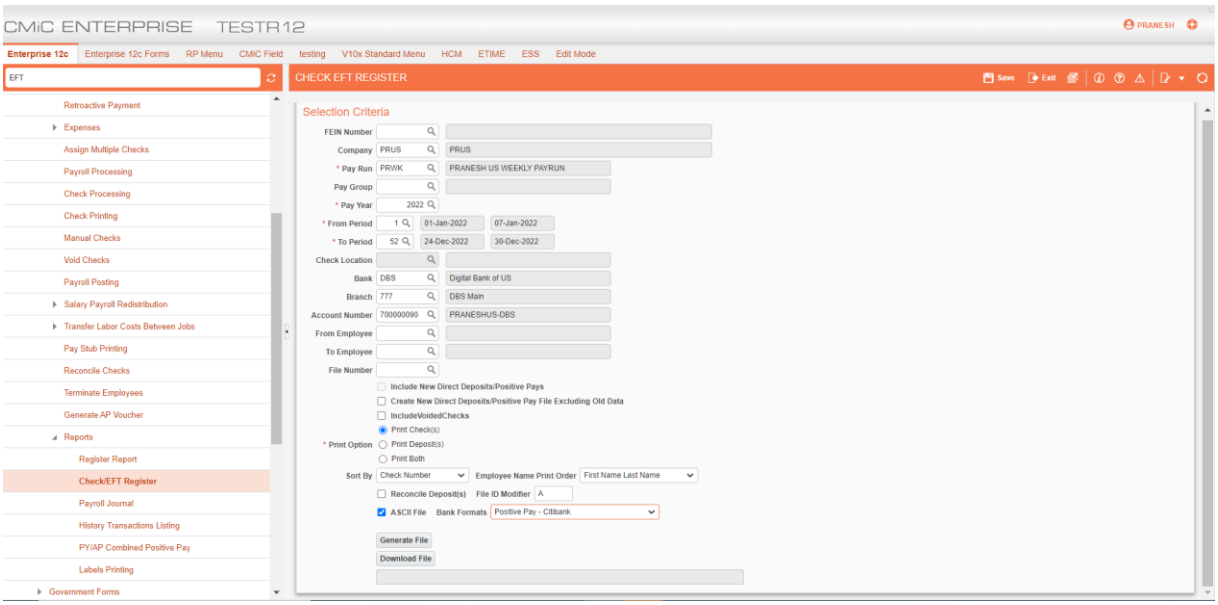


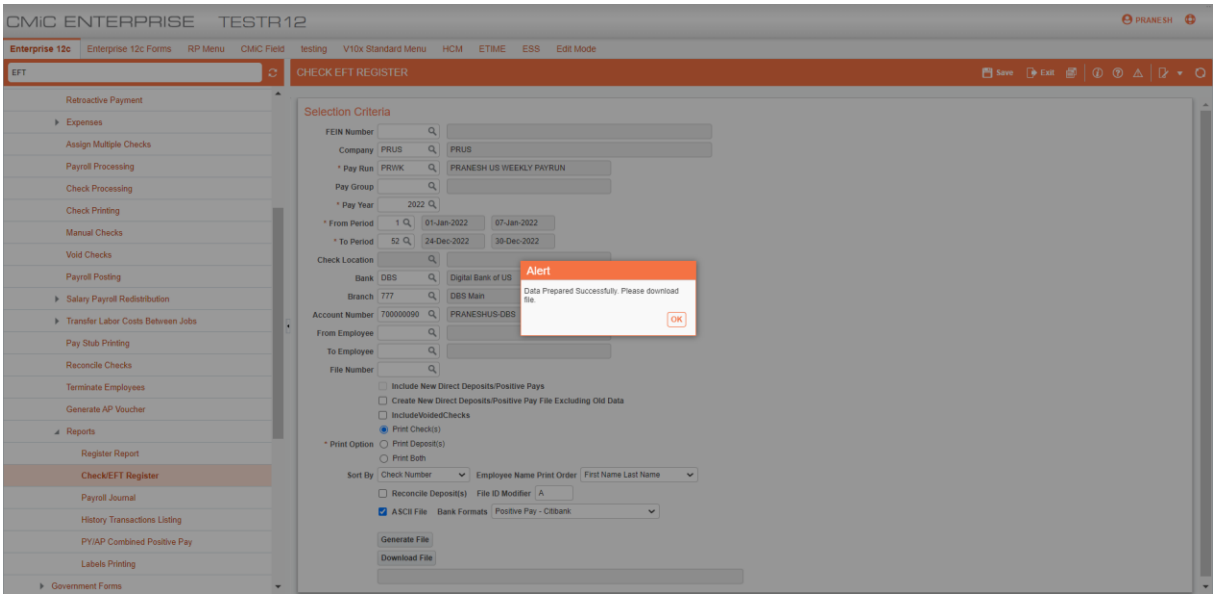
New PY Positive Pay File Format for Citibank (21.49766)

New PY Positive Pay file format for Citibank

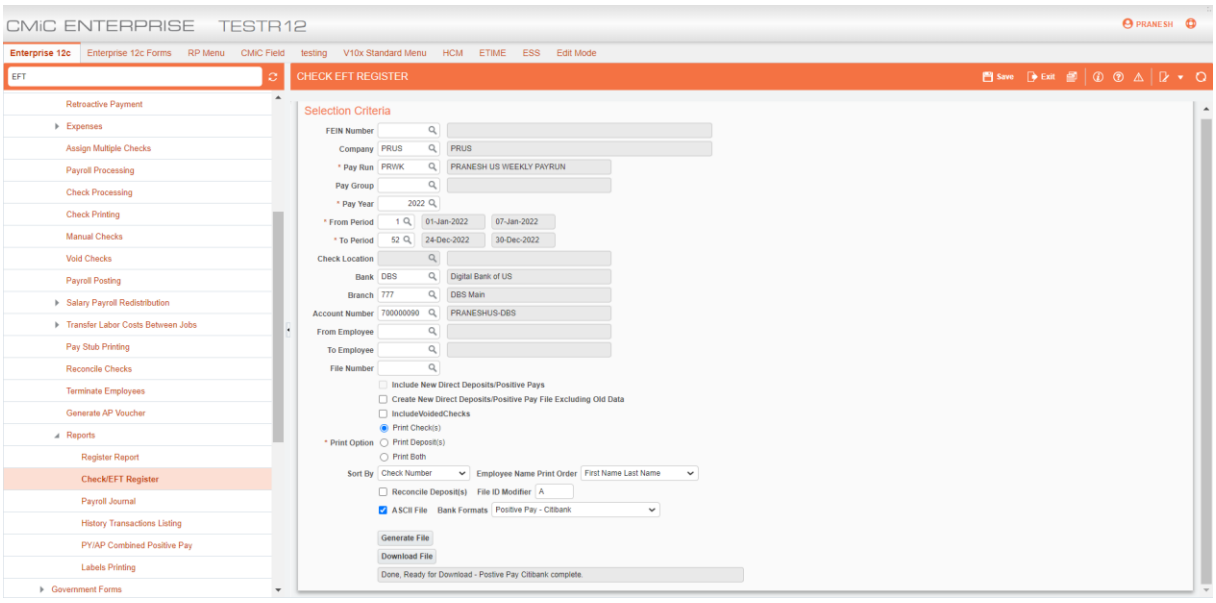
Modifications:

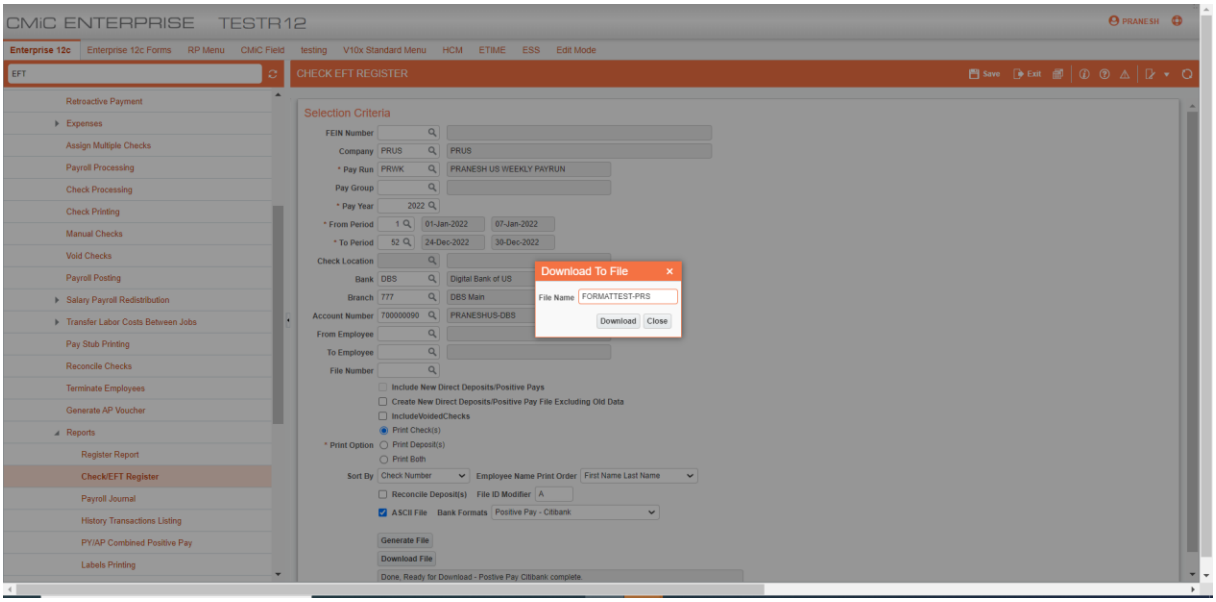
CMiC added a new positive pay format for Citibank under Check EFT Register.

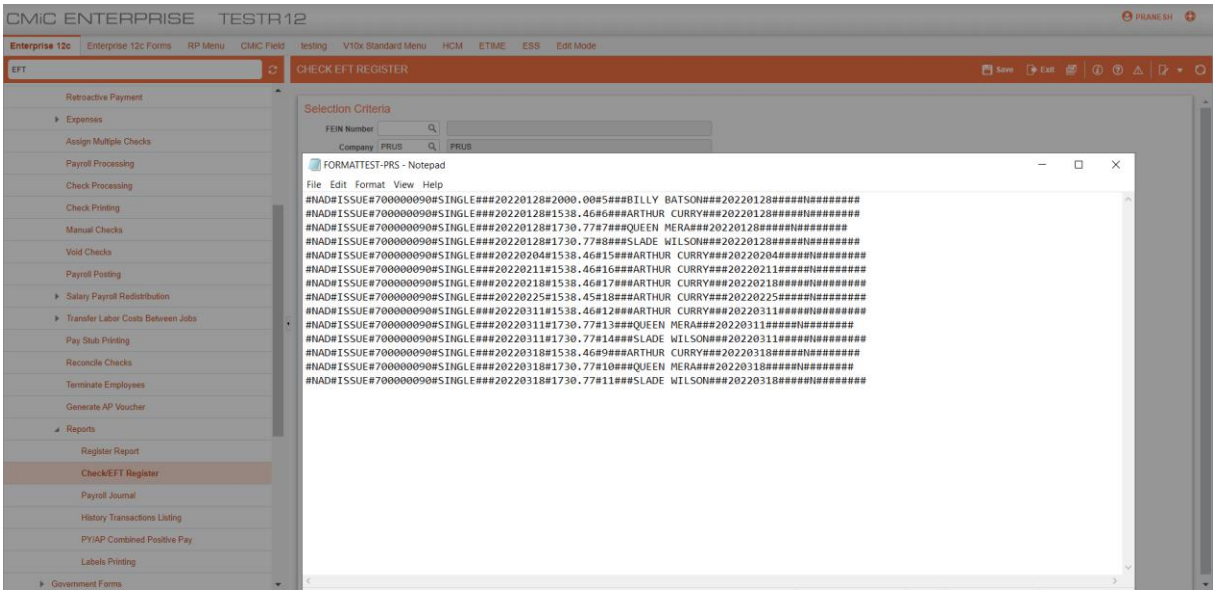




Able to generate format and download it.


CMiC ENTERPRISE TESTR12
PRANESH
Enterprise 12c
Enterprise 12c Forms
RP Menu
CMiC Field
testing
V10x Standard Menu
HCM
ETIME
ESS
Edit Mode
EFT
CHECK EFT REGISTER
Save
Exit
Retroactive Payment
Expenses
Assign Multiple Checks
Payroll Processing
Check Processing
Check Printing
Manual Checks
Void Checks
Payroll Posting
Salary Payroll Redistribution
Transfer Labor Costs Between Jobs
Pay Stub Printing
Reconcile Checks
Terminate Employees
Generate AP Voucher
Reports
Register Report
Check/EFT Register
Payroll Journal
History Transactions Listing
PY/AP Combined Positive Pay
Labels Printing
Government Forms
Selection Criteria
FEIN Number
Company
PRUS
PRANESH US WEEKLY PAYRUN
Pay Run
PRWK
Pay Group
Pay Year
2022
From Period
To Period
01-Jan-2022
07-Jan-2022
24-Dec-2022
30-Dec-2022
Check Location
Bank
DBS
Digital Bank of US
Branch
777
DBS Main
Account Number
700000090
PRANESHUS-DBS
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 - Citibank
Generate File
Download File
Done, Ready for Download - Postive Pay Citibank complete.


CMiC ENTERPRISE TESTR12
PRANESH
Enterprise 12c
Enterprise 12c Forms
RP Menu
CMiC Field
testing
V10x Standard Menu
HCM
ETIME
ESS
Edit Mode
EFT
CHECK EFT REGISTER
Save
Exit
Retroactive Payment
Expenses
Assign Multiple Checks
Payroll Processing
Check Processing
Check Printing
Manual Checks
Void Checks
Payroll Posting
Salary Payroll Redistribution
Transfer Labor Costs Between Jobs
Pay Stub Printing
Reconcile Checks
Terminate Employees
Generate AP Voucher
Reports
Register Report
Check/EFT Register
Payroll Journal
History Transactions Listing
PY/AP Combined Positive Pay
Labels Printing
Selection Criteria
FEIN Number
Company
PRUS
PRANESH US WEEKLY PAYRUN
Pay Run
PRWK
Pay Group
Pay Year
2022
From Period
To Period
01-Jan-2022
07-Jan-2022
24-Dec-2022
30-Dec-2022
Check Location
Bank
DBS
Digital Bank of US
Branch
777
DBS Main
Account Number
700000090
PRANESHUS-DBS
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 - Citibank
Generate File
Download File
Done, Ready for Download - Postive Pay Citibank complete.
Download To File
File Name
FORMATTEST-PRS
Download
Close



New setup screen created for the existing Work Status field in the Employee Profile screen (22.52534)

Overview

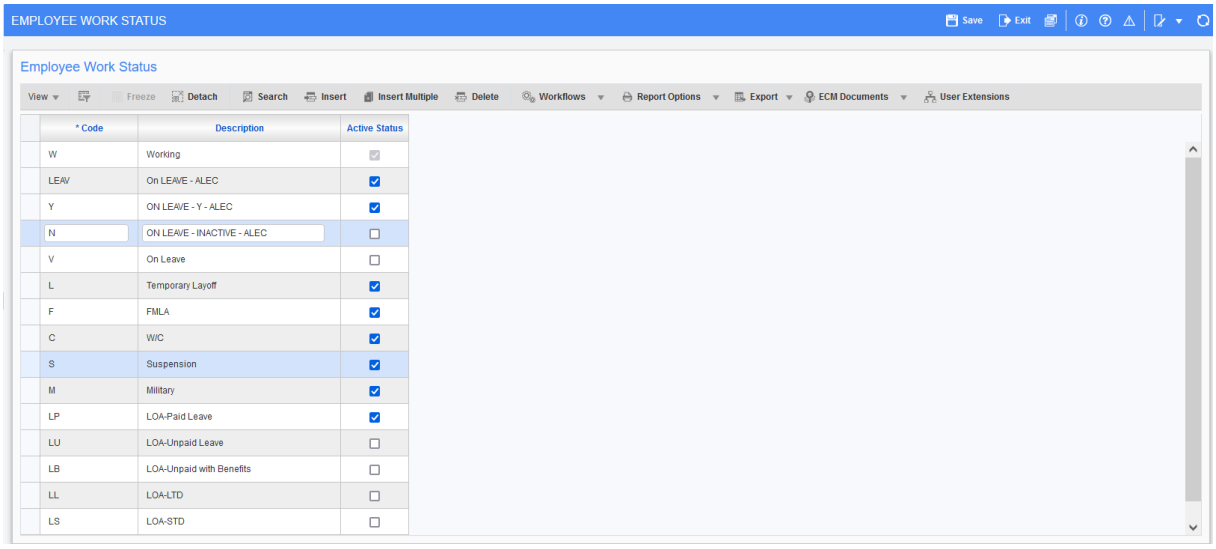
CMIC has created a new setup screen for the existing Work Status field in the Employee Profile screen. When an employee is on unpaid leave, they receive no paid wages or allowances. The new setup screen will allow users to put an employee on permanent unpaid leave for a longer period instead of entering unpaid leave timesheets. The employee can be active but on an unpaid leave for as long as required.

Pre-requisites

Before changing the work status for the employee, create a new “Inactive” work status.

The “N” code has the ‘Active Status’ box unchecked.

The “W” code cannot be changed as it is system defined.



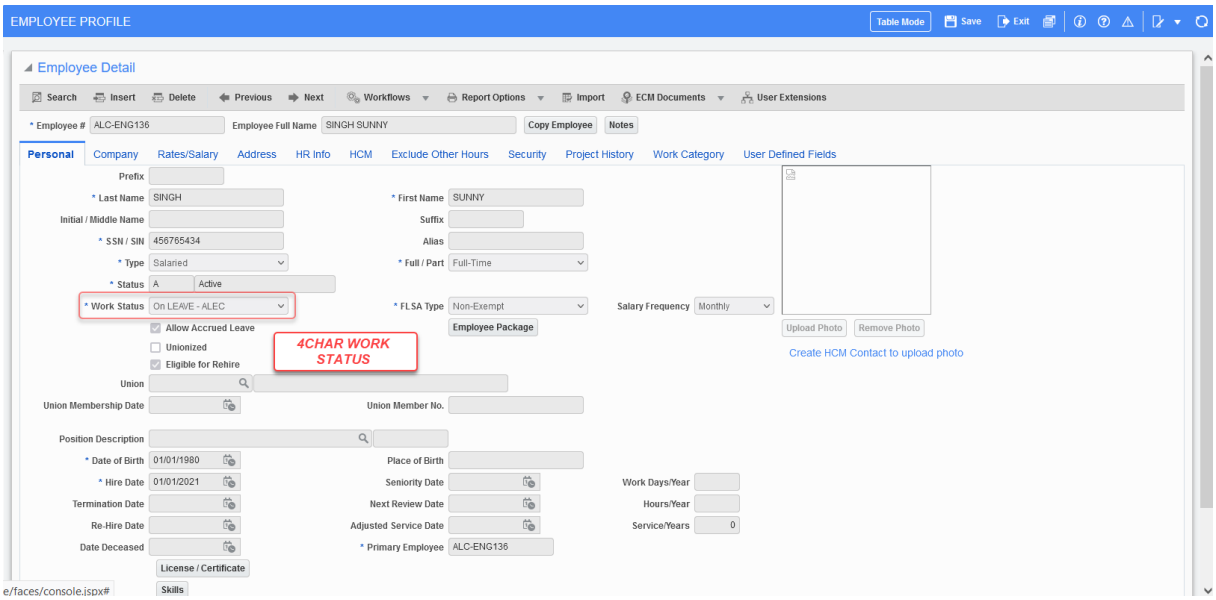
Modifications

The work status code can be up to 4-characters.

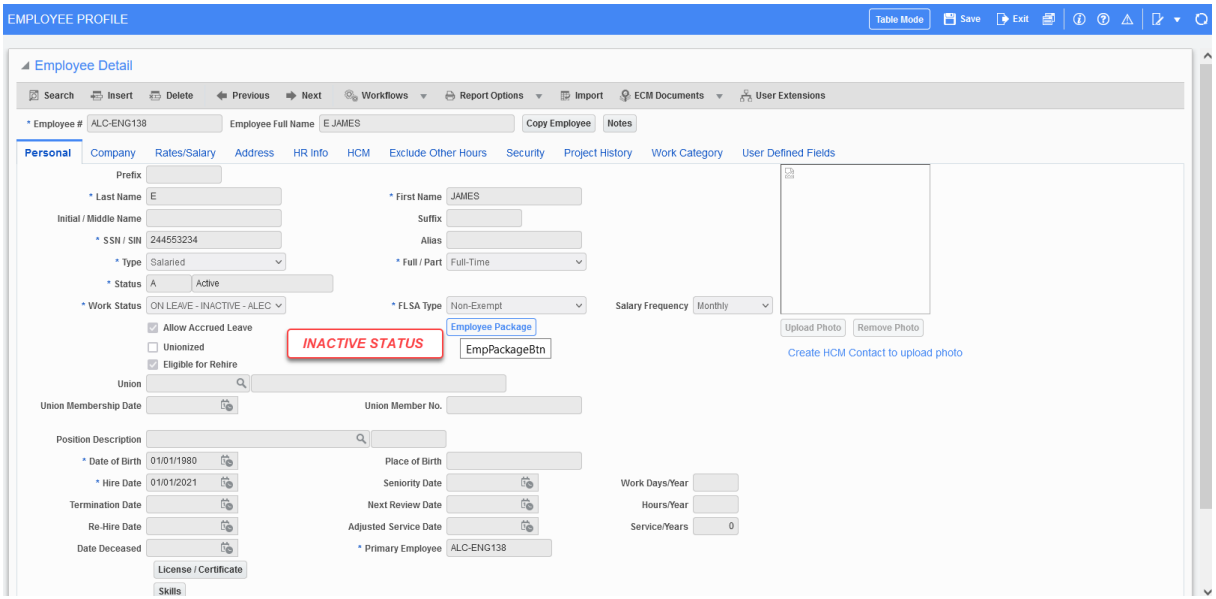
These codes can be used in employee profile.

The processing has been modified to look up the new “Active” status from the setup table for work status. If the work status has an unchecked status flag, then it will not be included for processing.

Note: Timesheet entry will be modified in the next patches to warn users if the employee work status is inactive.

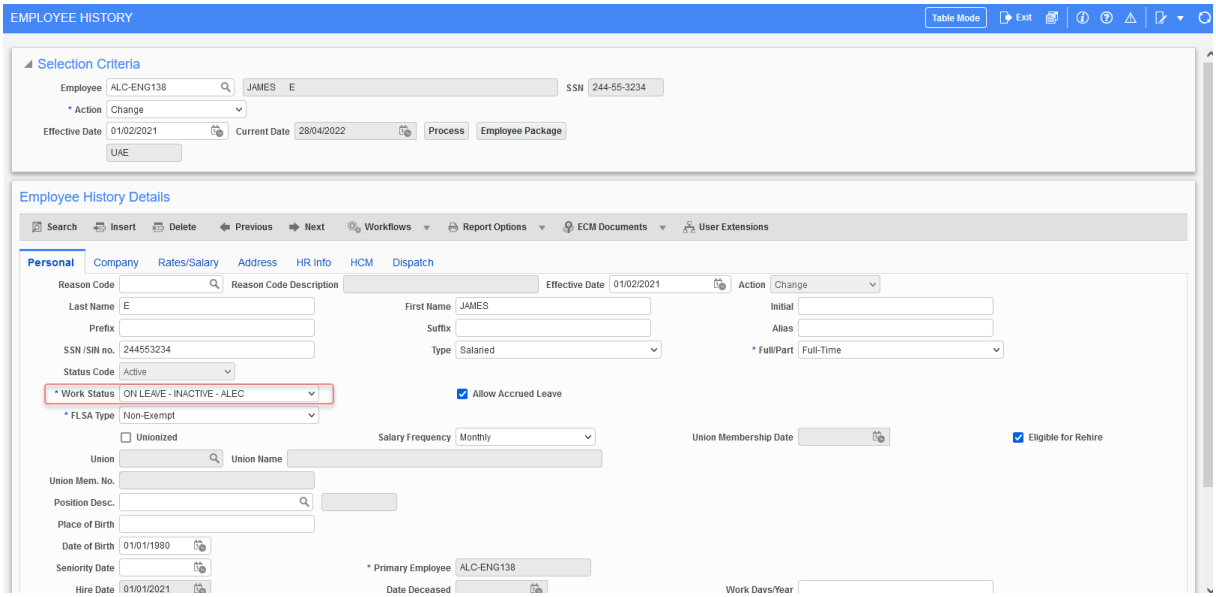


Implementation



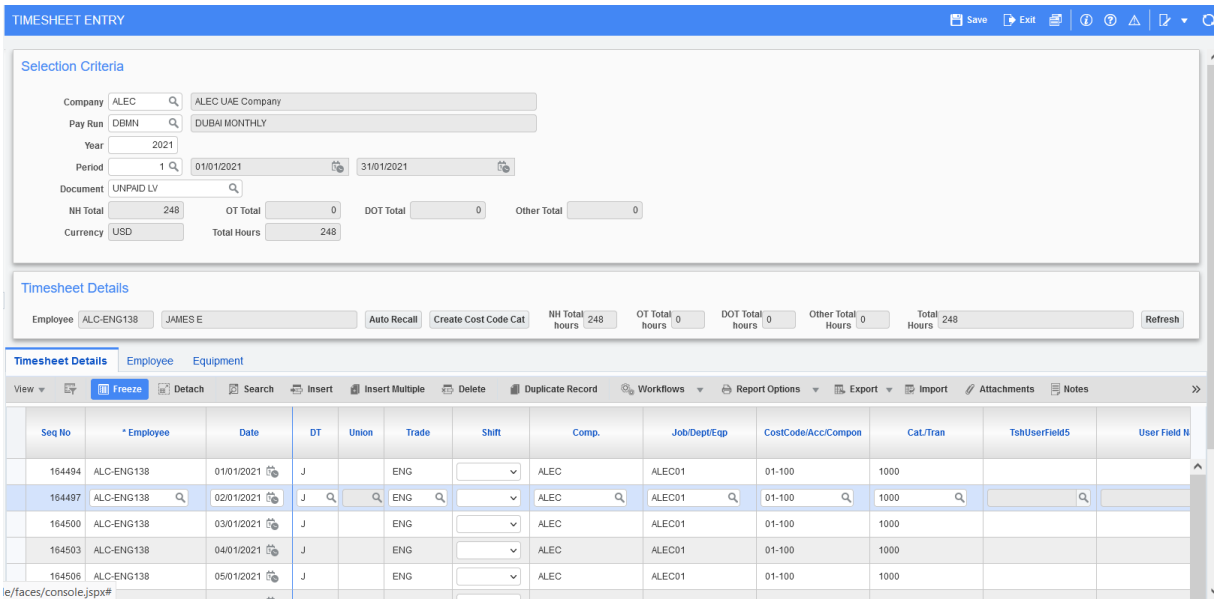
Above is an example of an employee with an inactive work status.

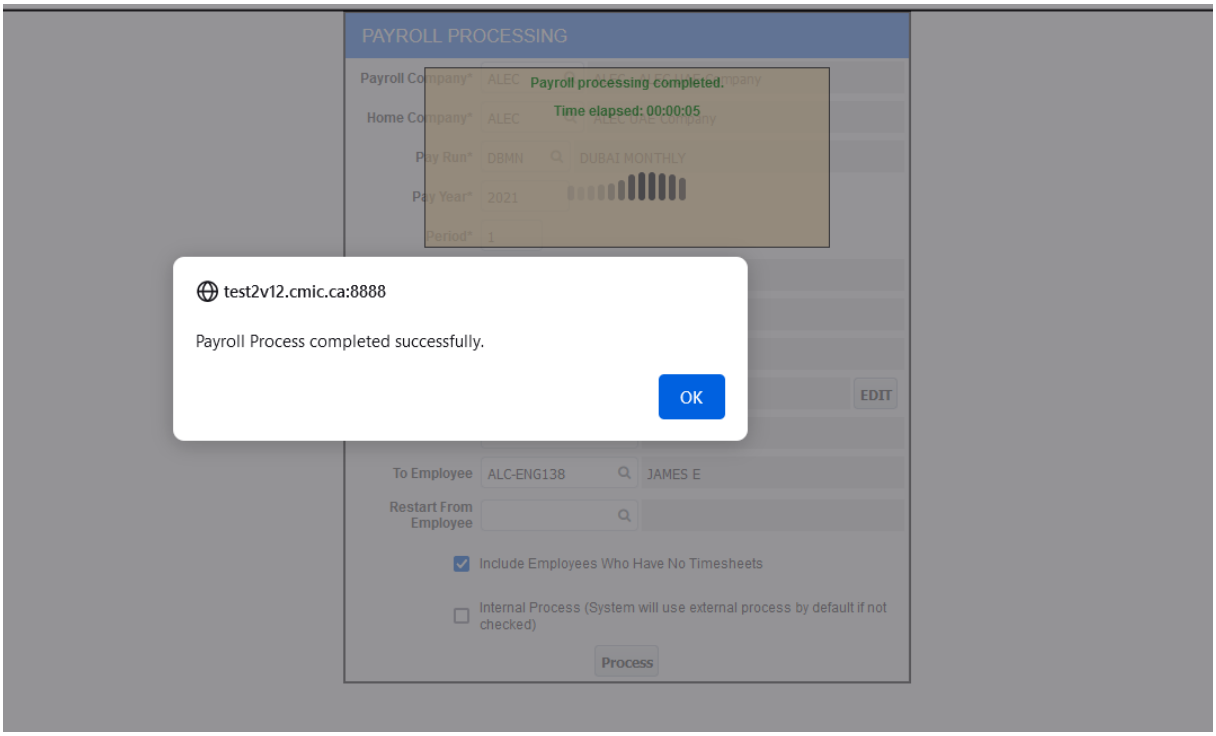
Below shows that the Employee History work status is in sync with the Employee Profile.



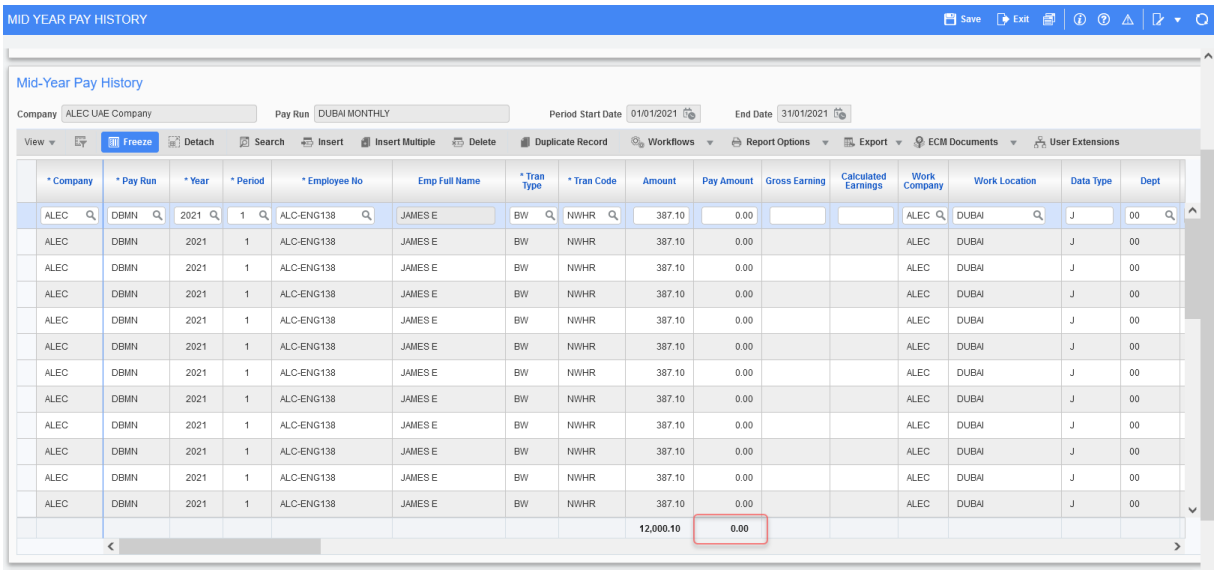
Shown above is an entered timesheet for the month for the inactive employee and processed payroll.

Note: A warning on timesheet will be added in the next patch



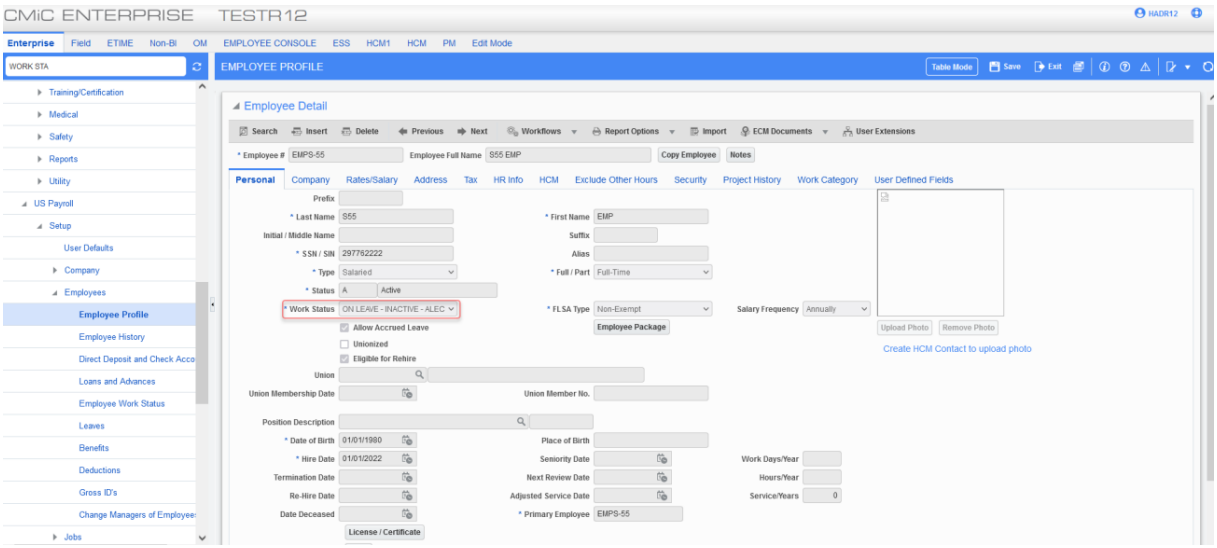


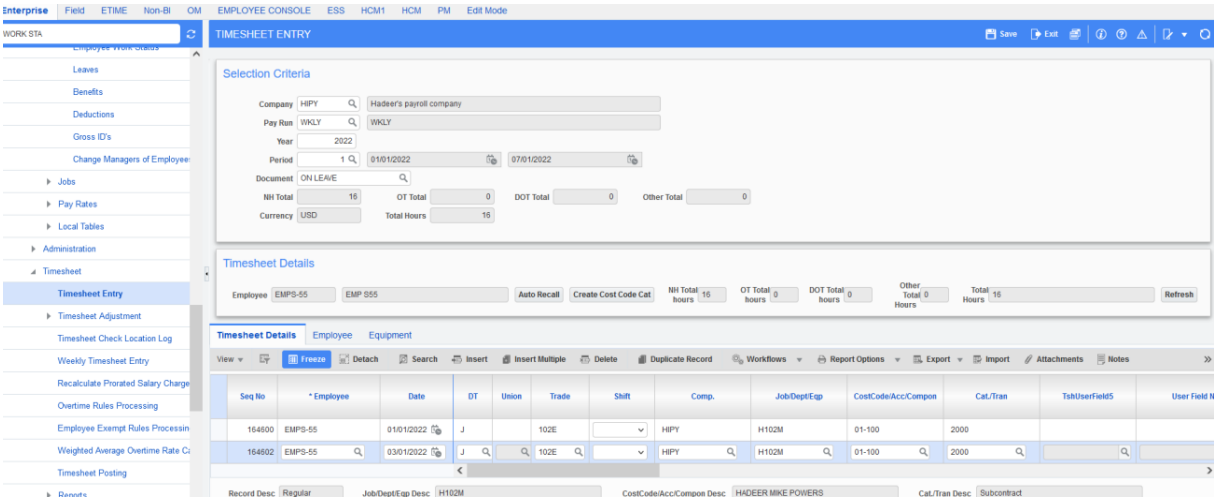
An amount of 0 pay is shown below as the employee is inactive for the period. The employee will receive 0 funds.

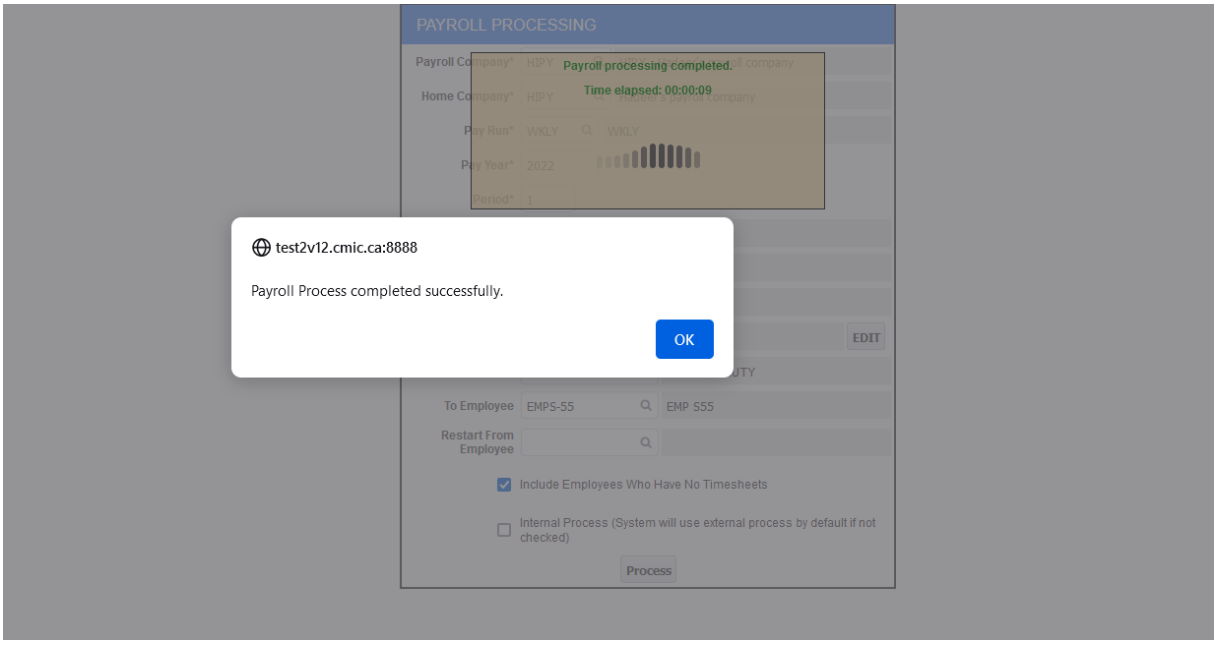


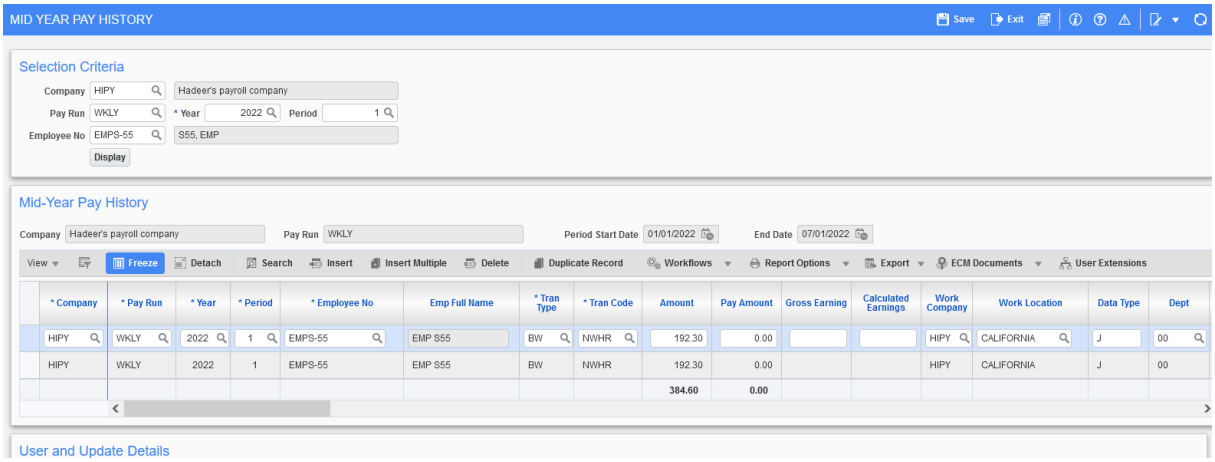
US payroll includes the same modification.

Testcase #1: Employee with an inactive status.

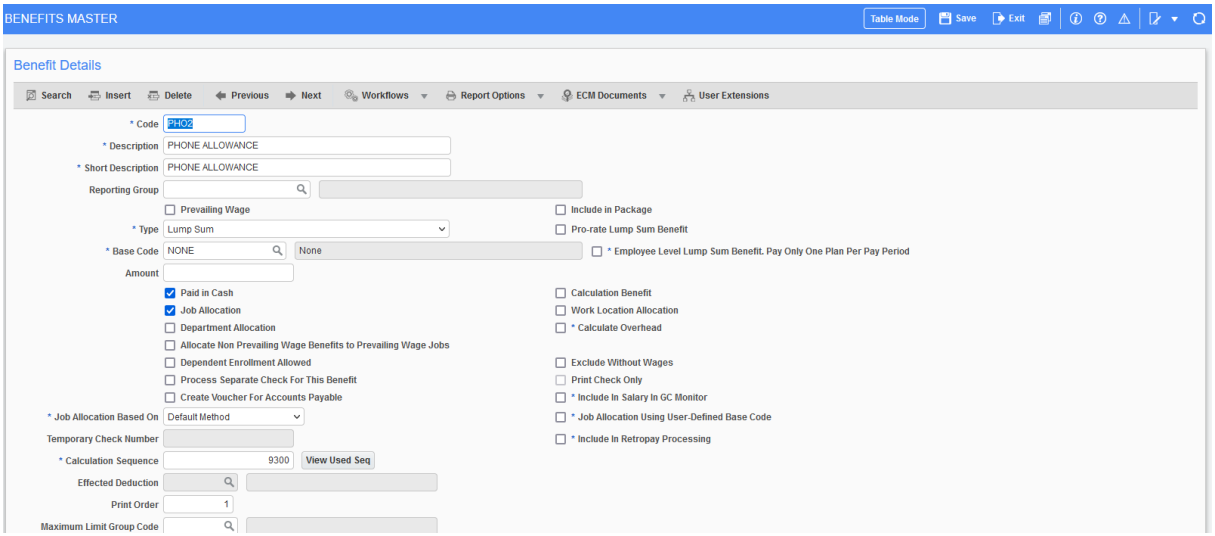

CMiC ENTERPRISE TESTR12
EMPLOYEE PROFILE
Employee Detail
Employee Profile
Employee History
Leaves
Benefits
Deductions
Gross ID's
Change Managers of Employee
Jobs


TIMESHEET ENTRY
Selection Criteria
Timesheet Details
Timesheet Entry
Timesheet Adjustment
Timesheet Check Location Log
Weekly Timesheet Entry
Recalculate Prorated Salary Charge
Overtime Rules Processing
Employee Exempt Rules Processin
Weighted Average Overtime Rate Ca
Timesheet Posting

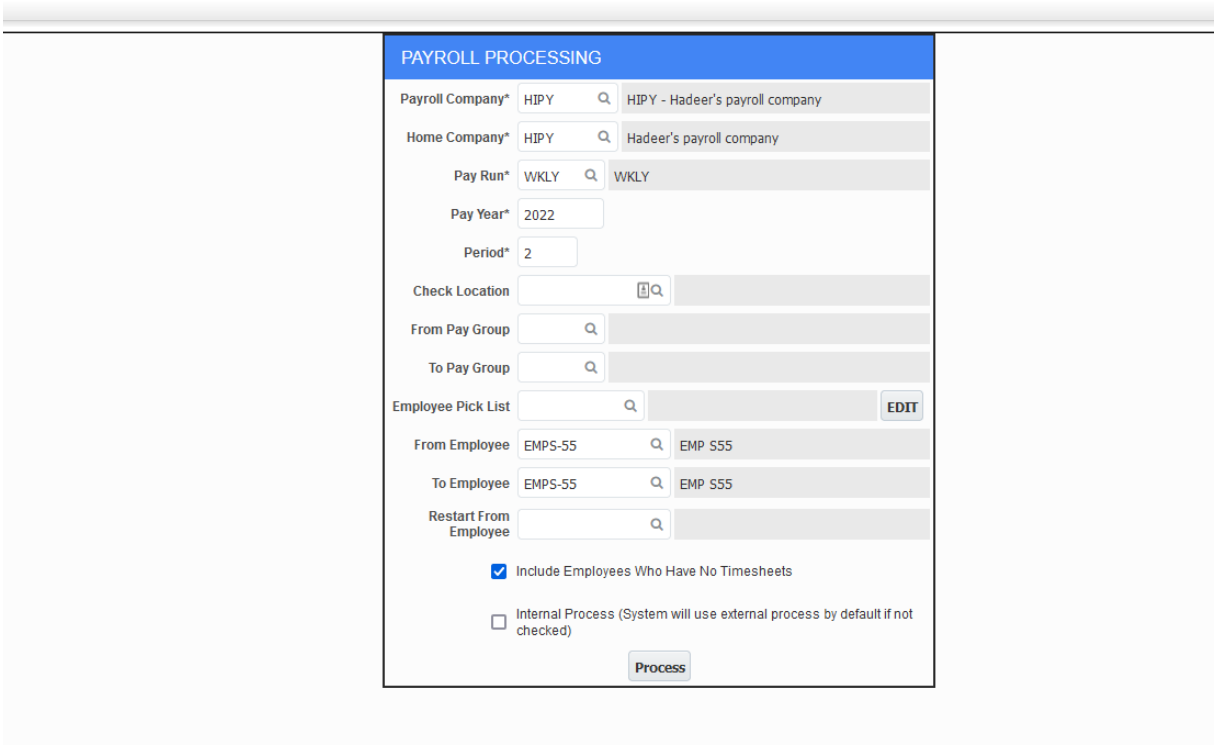

PAYROLL PROCESSING
Payroll processing completed.
Time elapsed: 00:00:09
test2v12.cmic.ca:8888
Payroll Process completed successfully.
OK
To Employee
Restart From Employee
Include Employees Who Have No Timesheets
Internal Process (System will use external process by default if not checked)
Process



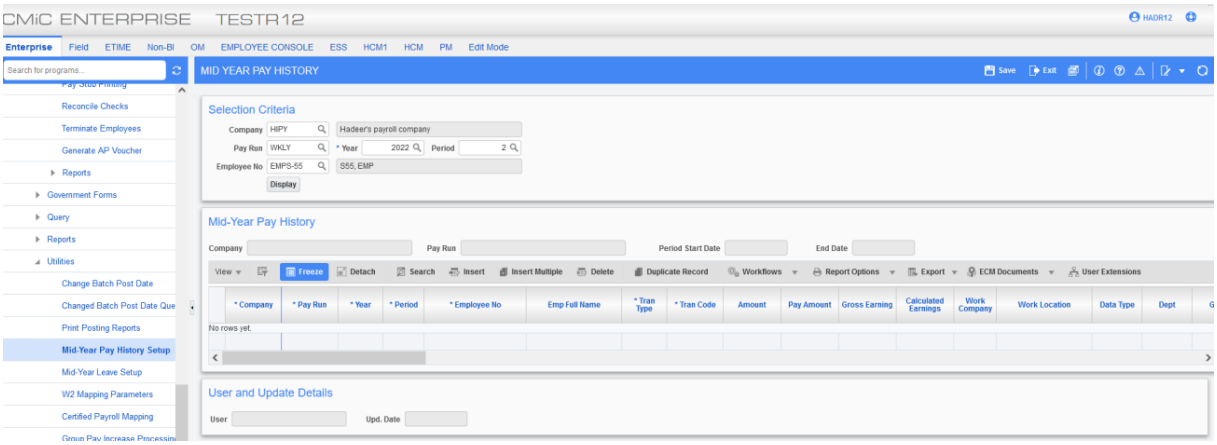
The inactive employee has benefits which do not show on mid year pay history even though the exclude without wages box is not checked.



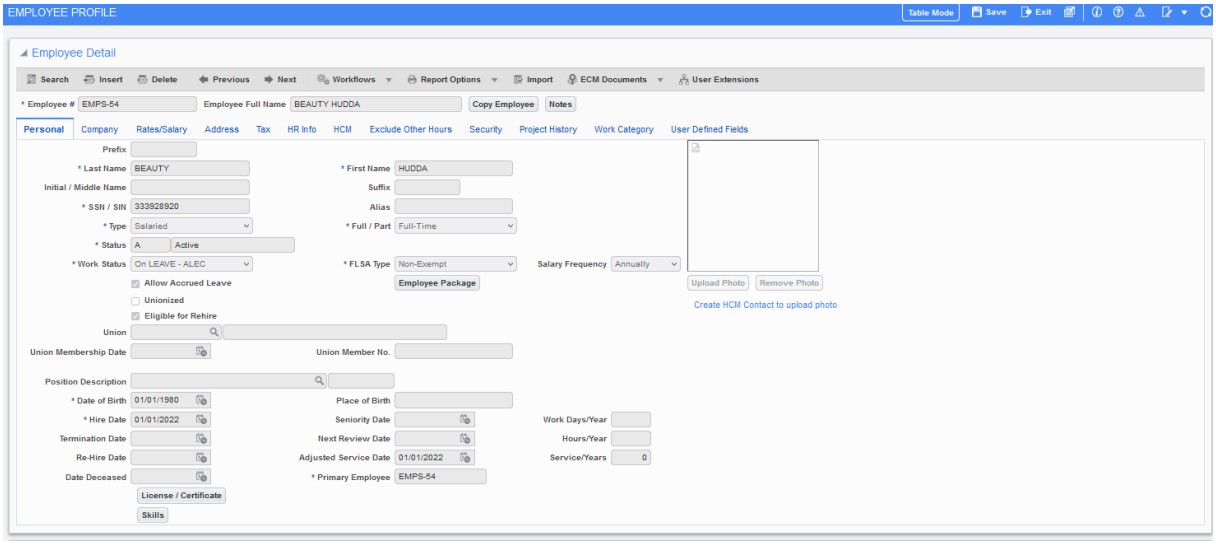
The employee is processed without a timesheet.



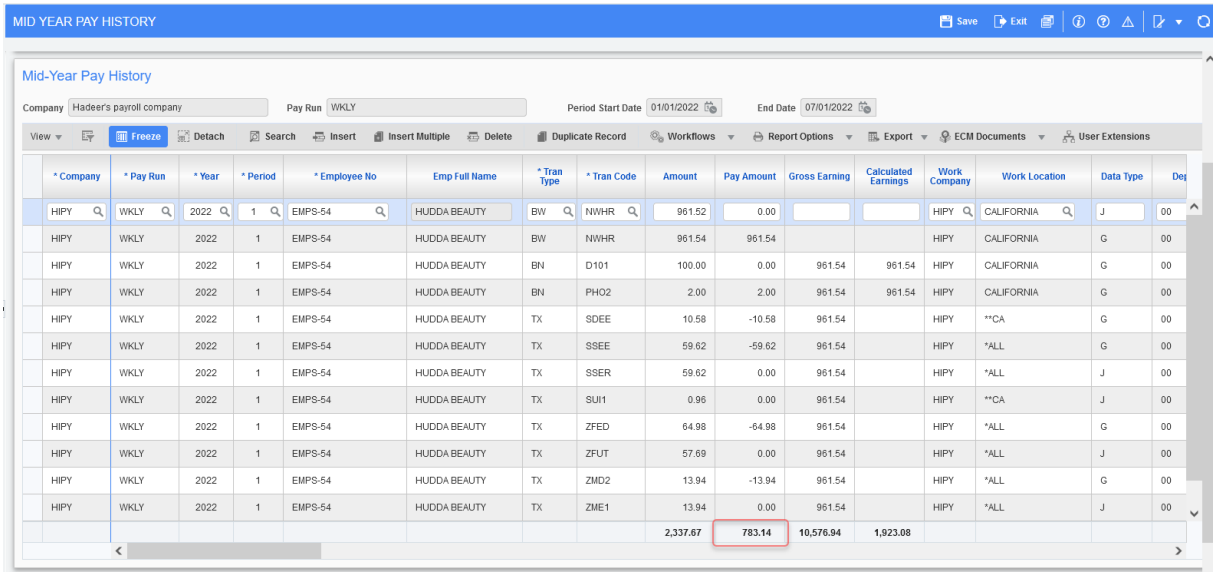
Nothing is being processed as the employee is inactive for the period.



Testcase # 2: Employee with an active work status.



Payroll process will process this status as the employee is active.



* Company	* Pay Run	* Year	* Period	* Employee No	Emp Full Name	* Tran Type	* Tran Code	Amount	Pay Amount	Gross Earning	Calculated Earnings	Work Company	Work Location	Data Type	Dep
HIPY	WKLY	2022	1	EMPS-54	HUDDA BEAUTY	BW	NWHR	961.52	0.00			HIPY	CALIFORNIA	J	00
HIPY	WKLY	2022	1	EMPS-54	HUDDA BEAUTY	BW	NWHR	961.54	961.54			HIPY	CALIFORNIA	G	00
HIPY	WKLY	2022	1	EMPS-54	HUDDA BEAUTY	BN	D101	100.00	0.00	961.54	961.54	HIPY	CALIFORNIA	G	00
HIPY	WKLY	2022	1	EMPS-54	HUDDA BEAUTY	BN	PHO2	2.00	2.00	961.54	961.54	HIPY	CALIFORNIA	G	00
HIPY	WKLY	2022	1	EMPS-54	HUDDA BEAUTY	TX	SDEE	10.58	-10.58	961.54		HIPY	**CA	G	00
HIPY	WKLY	2022	1	EMPS-54	HUDDA BEAUTY	TX	SSEE	59.62	-59.62	961.54		HIPY	*ALL	G	00
HIPY	WKLY	2022	1	EMPS-54	HUDDA BEAUTY	TX	SSER	59.62	0.00	961.54		HIPY	*ALL	J	00
HIPY	WKLY	2022	1	EMPS-54	HUDDA BEAUTY	TX	SUI1	0.96	0.00	961.54		HIPY	**CA	J	00
HIPY	WKLY	2022	1	EMPS-54	HUDDA BEAUTY	TX	ZFED	64.98	-64.98	961.54		HIPY	*ALL	G	00
HIPY	WKLY	2022	1	EMPS-54	HUDDA BEAUTY	TX	ZFUT	57.69	0.00	961.54		HIPY	*ALL	J	00
HIPY	WKLY	2022	1	EMPS-54	HUDDA BEAUTY	TX	ZMD2	13.94	-13.94	961.54		HIPY	*ALL	G	00
HIPY	WKLY	2022	1	EMPS-54	HUDDA BEAUTY	TX	ZME1	13.94	0.00	961.54		HIPY	*ALL	J	00
								2,337.67	783.14	10,576.94	1,923.08				

Show Reprint ALERT on Pay Stub Printing Screen (22.53072)

Overview

CMiC has added more flexibility to pay stub printing. Now when printing pay stubs using the Payroll Check Printing screen, users have the option to avoid re-printing pay stubs that have already been printed. In addition, this functionality has also been added as an alternate feature to the Pay Stub Printing screen. The alternate feature on the Pay Stub Printing screen is disabled by default and will need to be activated by a programmer (i.e., feature is not enabled/disabled on the Payroll Control screen).

Pre-requisites

To use the re-print alert functionality on the Pay Stub Printing screen, the new alternate feature will need to be enabled: “SHOW REPRINT ALERT ON PAYSTUB PRINTING SCREEN”.

Modifications

Enhancements have been made to the Payroll Check Printing screen (standard Treeview path: US Payroll > Processing > Check Printing) and the Pay Stub Printing screen (standard Treeview path: US Payroll > Processing > Pay Stub Printing). In the Payroll Check Printing screen, when the 'Print Direct Deposit Stub' checkbox is checked and the [**Print**] button is pressed, the Pay Stub Printing screen is launched as a pop-up window. The first time this printing process takes place (i.e., no stubs have been previously printed) for the company, pay run, year, period, pay group, and employee combination entered in the Payroll Check Printing screen, all pay stubs will be printed or emailed.

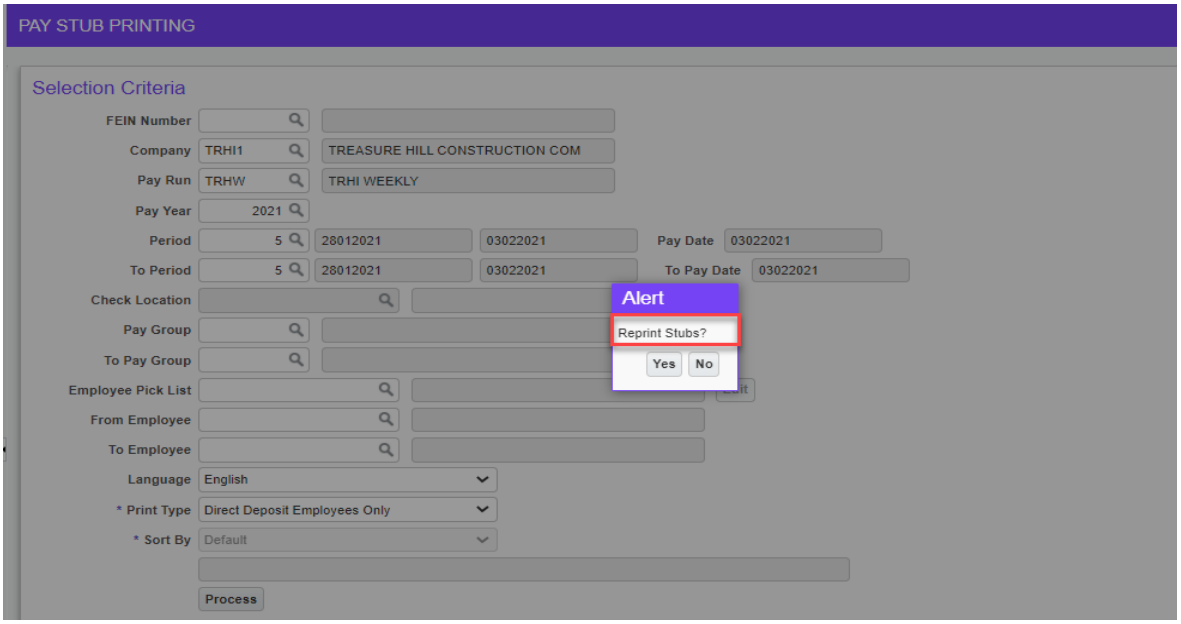
If the printing process is repeated a second time and some pay stubs have already been printed for that company criteria, the Payroll Check Printing screen will launch a pop-up Alert message to confirm if the user wants to "Reprint Checks?". If the [**Yes**] button is pressed, all pay stubs will be printed or emailed. If the [**No**] button is pressed, only unprinted stubs will be printed.

NOTE: The Alert message is only triggered on the Payroll Check Printing screen after the print process is repeated a second time. It will not appear again if the process is repeated three or more times.

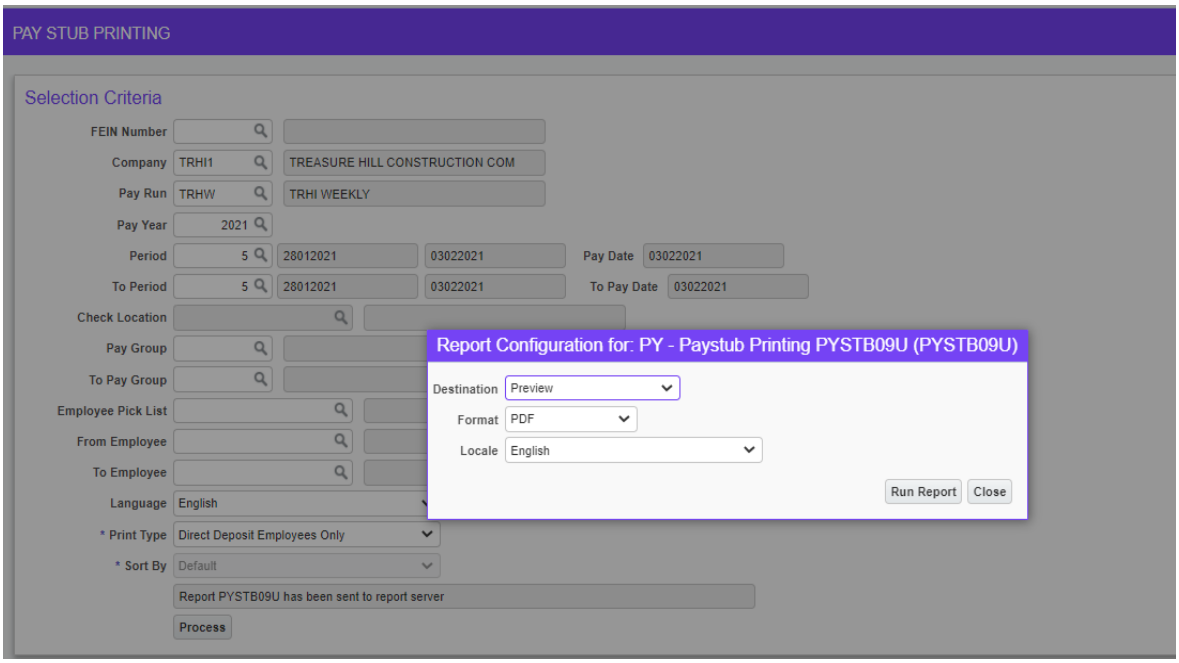
For MOSS, an alternate feature was added to the stand-alone Pay Stub Printing screen, which is launched from the Treeview. The alternate feature is called: "SHOW REPRINT ALERT ON PAYSTUB PRINTING SCREEN". When this feature is enabled in the stand-alone Pay Stub Printing screen, the screen will function in the same fashion as the Payroll Check Printing screen, but the Alert message will continue to be triggered if the printing process is repeated when pay stubs have already been printed for specific company criteria.

Implementation

When the alternate re-print alert feature is enabled in the Pay Stub Printing screen, if no stubs are printed for a company, pay run, year, period, pay group, and employee combination, all the pay stubs will be printed. If unprinted stubs exist for the above combination, a pop-up Alert message will confirm if the user wants to "Reprint Stubs?". If the [**Yes**] button is pressed, all pay stubs will be reprinted, and if the [**No**] button is pressed, only unprinted pay stubs will be printed.

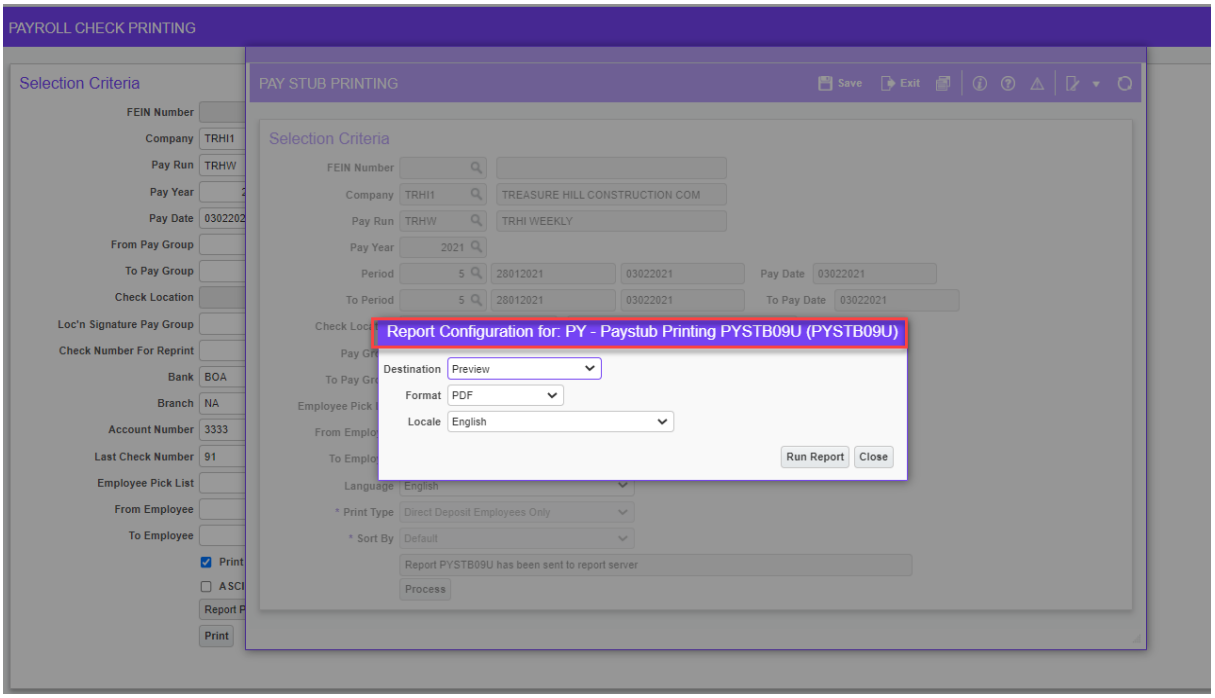


Pgm: PYSTUB – Pay Stub Printing; standard Treeview path: US Payroll > Processing > Pay Stub Printing



NOTE: Please note that this feature applies to Standard Stubs, not Customized Stubs.

If a user runs it again from the Payroll Check Printing screen, the Alert message will not be displayed.



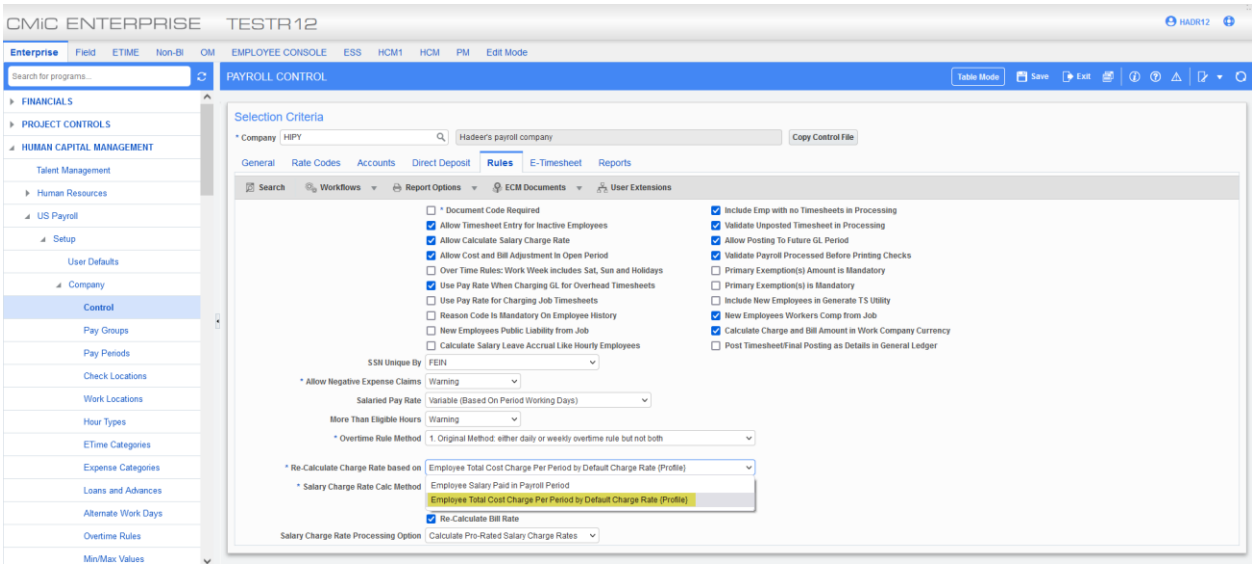
Re-Calculate Salary Charge Rate New Option (22.54668)

Overview

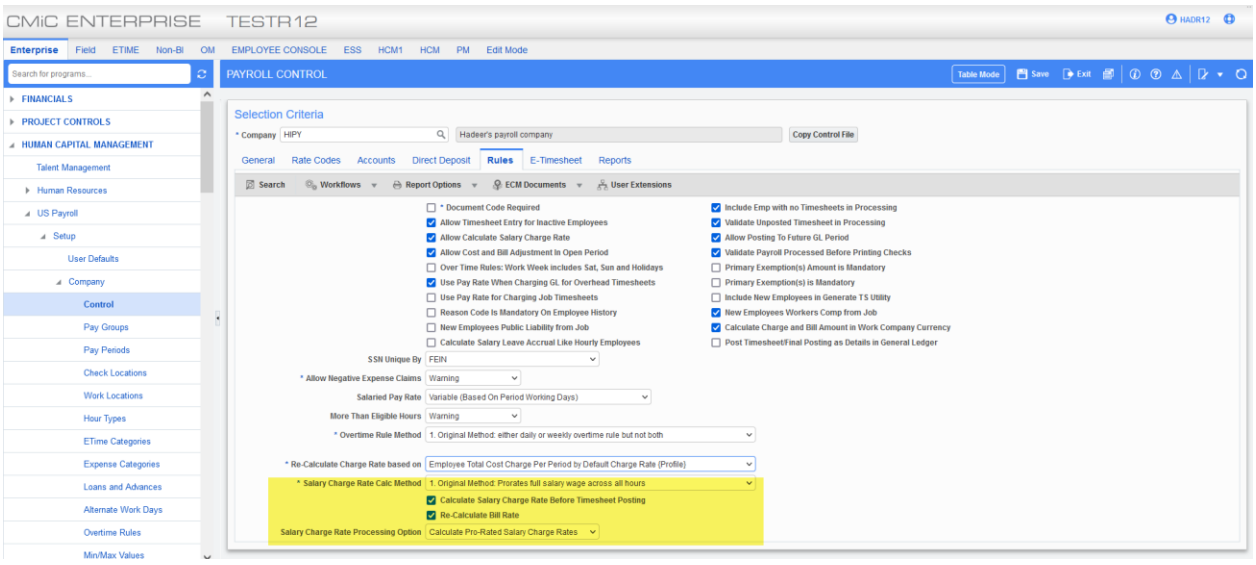
A new option “Employee total cost charge per period by default charge rate {profile}” is added on the payroll control file to re-calculate the salary charge rate. The existing re-calculate salary charge rate works based on an existing calculation and on employee salary paid in the period. The user can now change to the new method which is based on the total cost for the period based on the employee default charge rate setup in employee profile.

Pre-requisites

1) Select the new option of re-calcuate charge rate based on “Employee total cost charge per period by default charge rate {profile}.



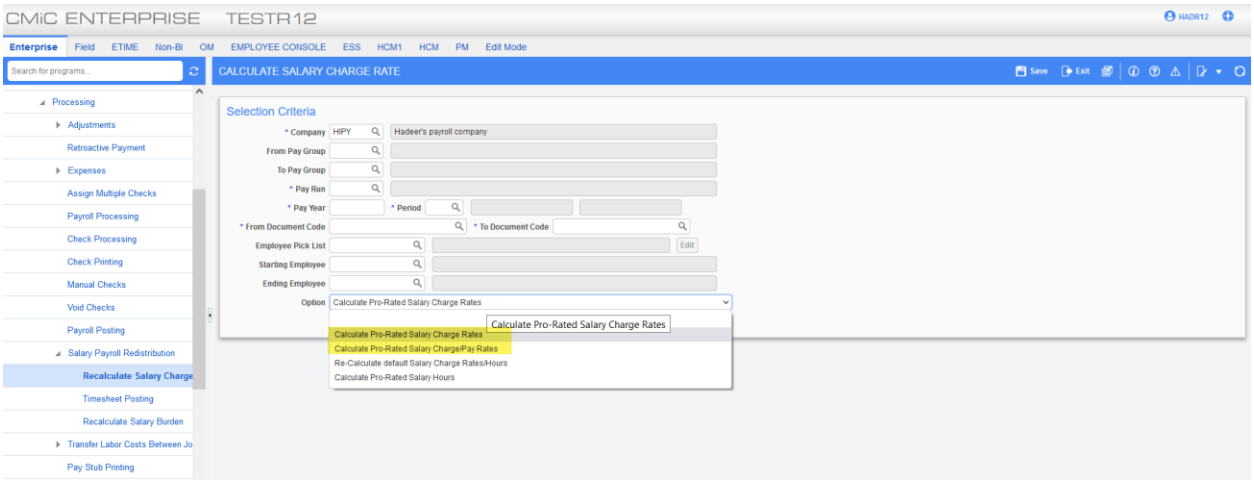
2) Set salary charge rate calc method, the flags and salary charge rate processing option as per the screenshot below.



Modifications

A new option of “Employee total cost charge per period by default charge rate {profile}” is added to re-calculate charge rate based on dropdown menu. This will allow user to use the charge out rate set on employee profile.

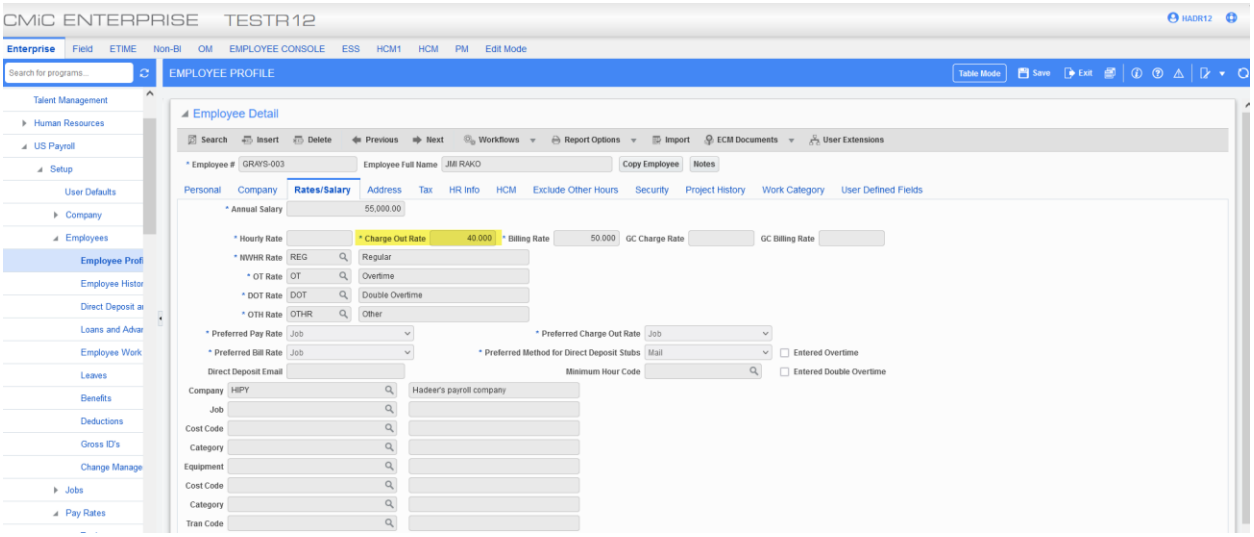
The processing of the re-calculate charge rate is also modified to consider the new option. Both the below highlighted options use the new base method for calculation.

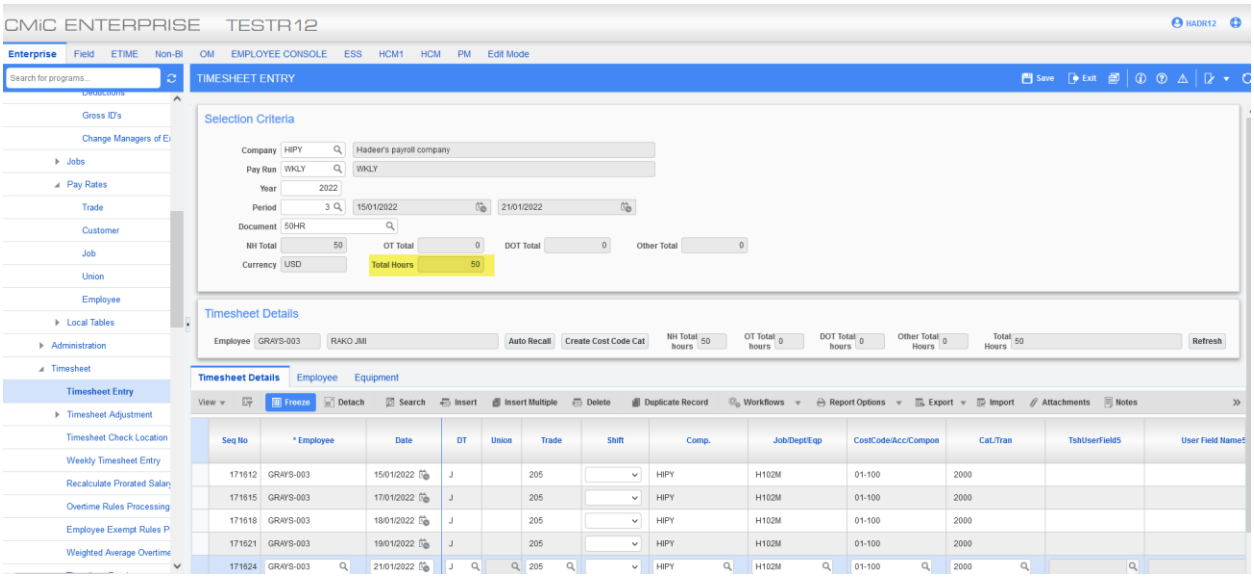


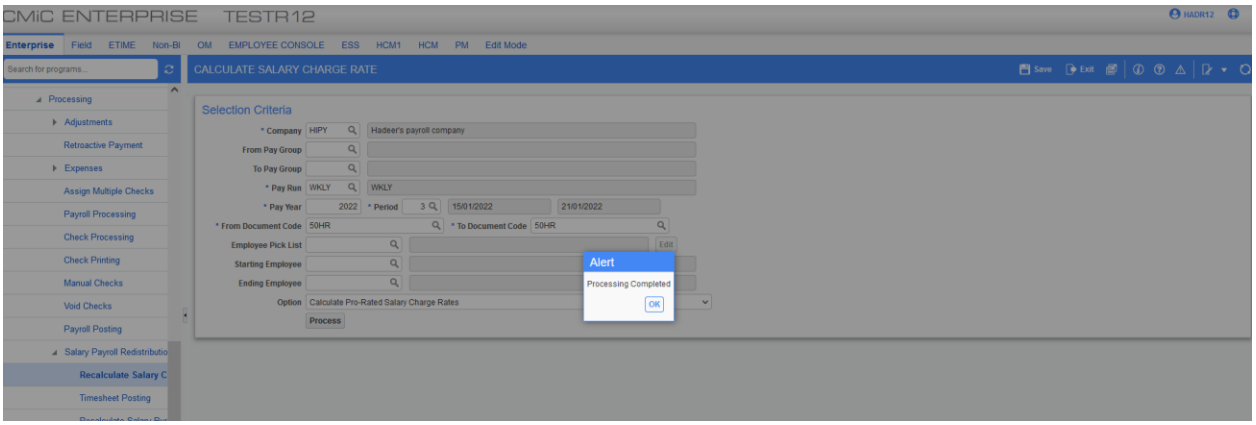
Implementation

The following are examples of how the new functionality can be used:

Example #1: The following is an employee with charge out rate of $40. Worked 50 hours per week. The charge out rate and amount are adjusted as per the new functionality.







CMiC

HIPY - Hadeer's payroll company
PAYROLL - TIMESHEET POSTING HISTORY REPORT

Page: 1 of 1
Date: May 18, 2022
Time: 3:03 PM EDT

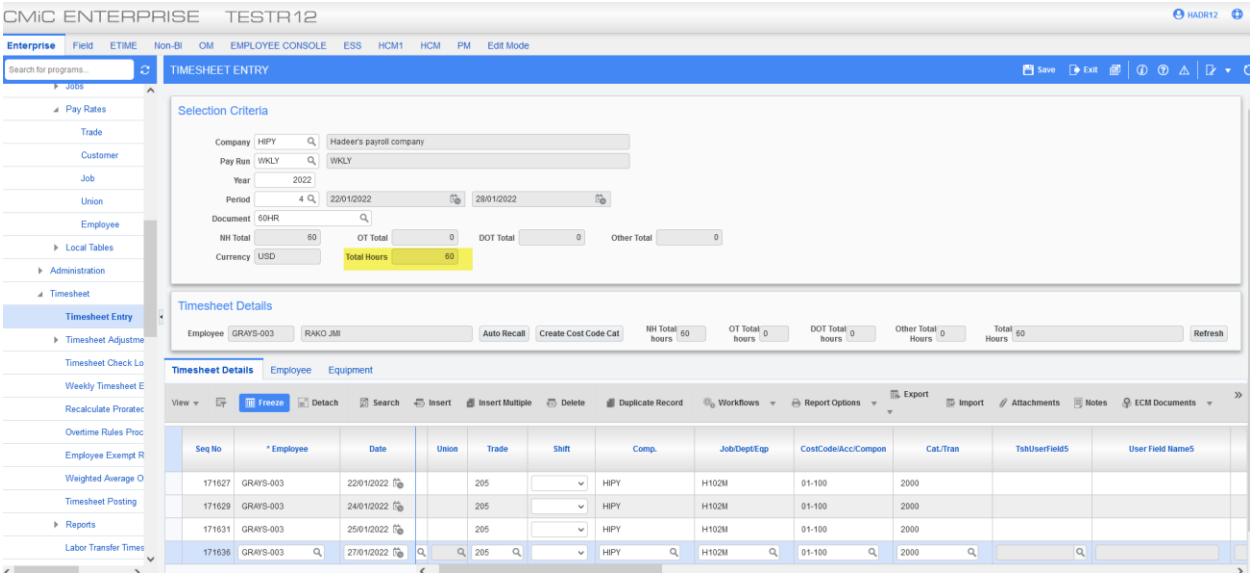
Date	Work Comp	Type	Job/Dept/EQP/ WO Code	Phase/Acct/ Cat/WO Line No.	Cat/Tr/WO Exp	Transaction Description	Hrs/Qty	Pay Rate	Pay Amount	Charge Rate	Charge Amount	Billing Rate	Billing Amount
Employee :	**GRAYS-003**		**RAKO JMI**										
15/01/2022	HIPY	J	H102M	01-100	2000	Normal Wages	10.00	26.442	264.42	32.000	320.00	48.000	480.00
17/01/2022	HIPY	J	H102M	01-100	2000	Normal Wages	10.00	26.442	264.42	32.000	320.00	48.000	480.00
18/01/2022	HIPY	J	H102M	01-100	2000	Normal Wages	10.00	26.442	264.42	32.000	320.00	48.000	480.00
19/01/2022	HIPY	J	H102M	01-100	2000	Normal Wages	10.00	26.442	264.42	32.000	320.00	48.000	480.00
21/01/2022	HIPY	J	H102M	01-100	2000	Normal Wages	10.00	26.442	264.42	32.000	320.00	48.000	480.00
						Employee Total :	**50.00**		**1,322.10**		**1,600.00**		**2,400.00**
						Grand Total :	**50.00**		**1,322.10**		**1,600.00**		**2,400.00**

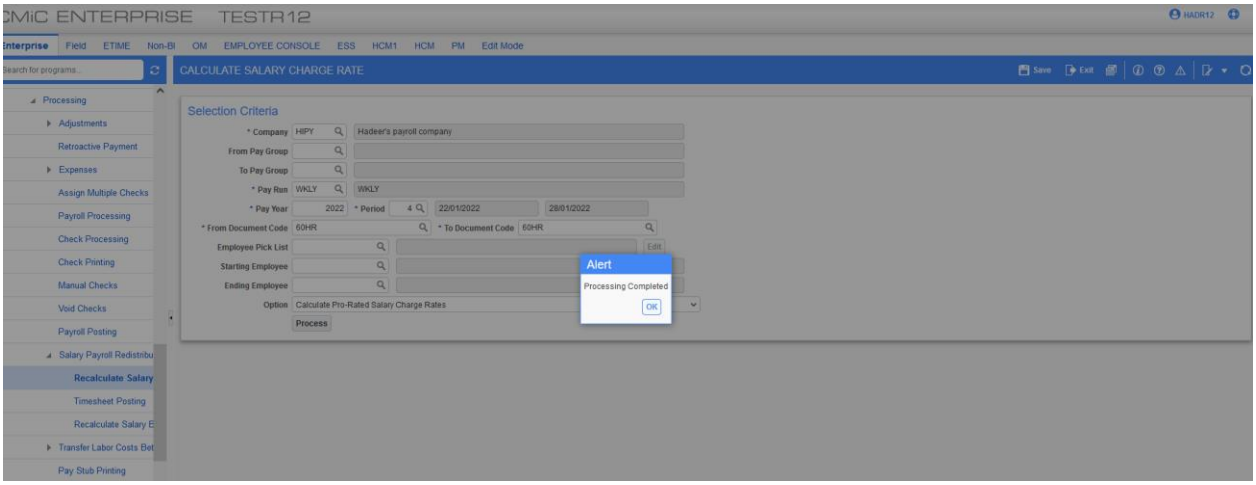
Formula: ((THP * ECR)/ THW) * THW

Formula: ((Total hours in a weekly period * employee cost (charge) rate)/ Total hours worker)* Total hours worked.

((40*40)/50) * 50 = 1600

Example #2: The same employee with 60 hours of work in a week.





Formula: ((40*40)/60) * 60 = 1600

HIPY - Hadeer's payroll company
PAYROLL - TIMESHEET POSTING HISTORY REPORT

Page: 1 of 1
Date: May 18, 2022
Time: 3:53 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 :	**GRAYS-003**		**RAKO JMI**										
22/01/2022	HIPY	J	H102M	01-100	2000	Normal Wages	20.00	26.442	528.84	26.667	533.33	40.000	800.00
24/01/2022	HIPY	J	H102M	01-100	2000	Normal Wages	10.00	26.442	264.42	26.667	266.67	40.000	400.00
25/01/2022	HIPY	J	H102M	01-100	2000	Normal Wages	10.00	26.442	264.42	26.667	266.67	40.000	400.00
27/01/2022	HIPY	J	H102M	01-100	2000	Normal Wages	20.00	26.442	528.84	26.667	533.33	40.000	800.00
						Employee Total :	**60.00**		**1,586.52**		**1,600.00**		**2,400.00**
						Grand Total :	**60.00**		**1,586.52**		**1,600.00**		**2,400.00**

Payroll (Non-Us/International)

Transfer of Employees Between International Companies (21.45778)

A new flag is added under system options to allow the transfer of employees from one international company to another in a different country.

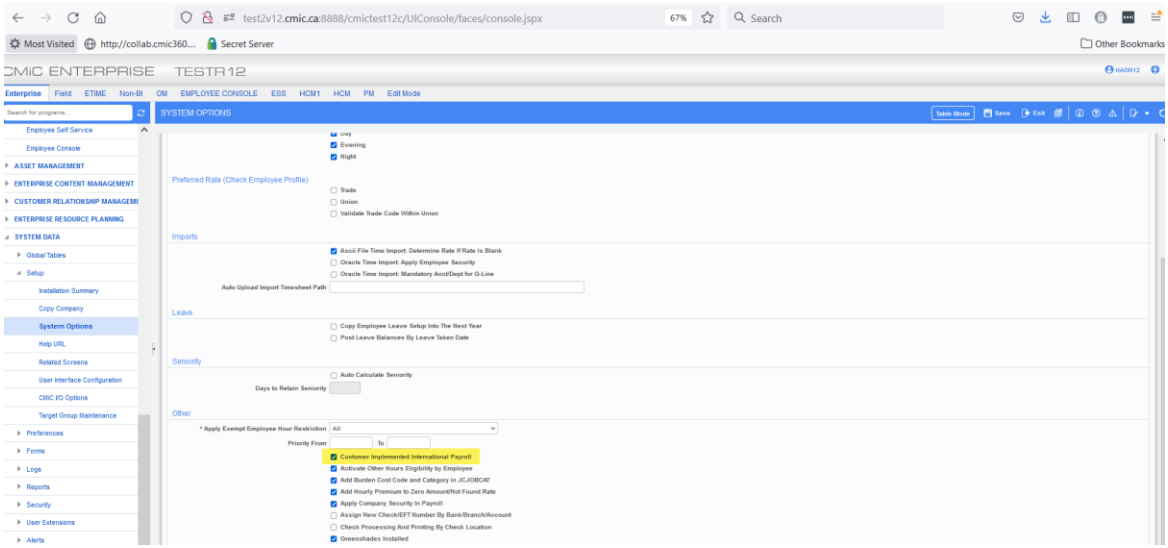
Overview

CMiC has added a new flag under the system options screen in the payroll section. The option will determine if the user implemented a CMiC international payroll. The flag can be checked or unchecked. When the flag is checked, the users are allowed to access all employees in profile and history for all companies for all countries without changing “default company” only in international payroll.

NOTE: Payroll processing changes are not in scope for this modification. The modification only considers Employee profile, Employee History and Employee Import changes. Payroll processing will generate an error against these employees since the tax related tab is not populated.

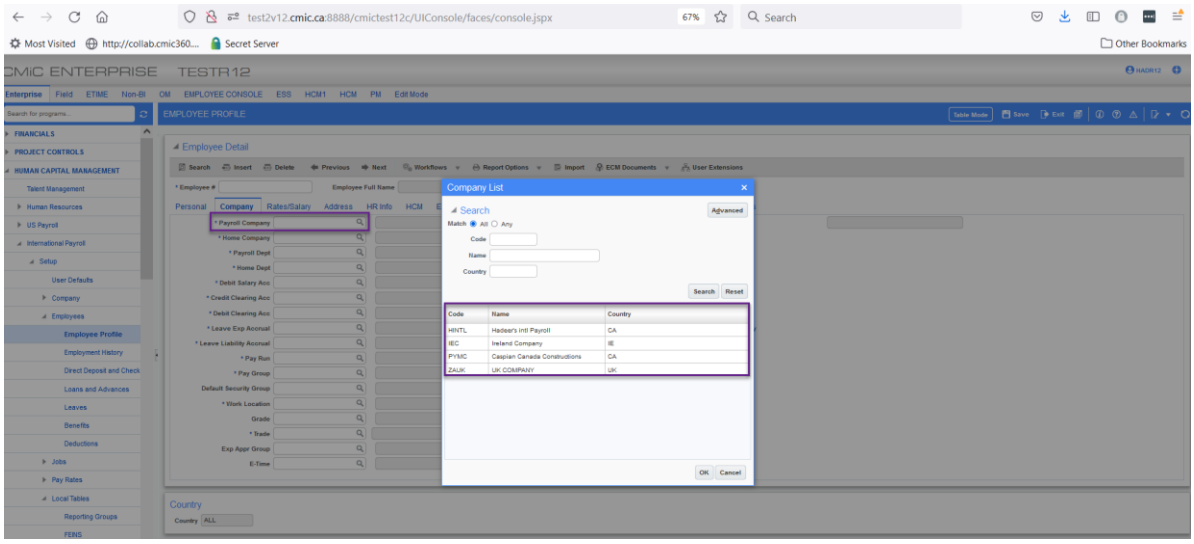
Pre-requisites

The flag must be checked under payroll tab in system options for the functionality to be enabled.



Modifications

When the flag is checked under system options the employee profile and history screens will hide all tax related information from international payroll screens. The company LOVs is modified to display all companies along with the country code.

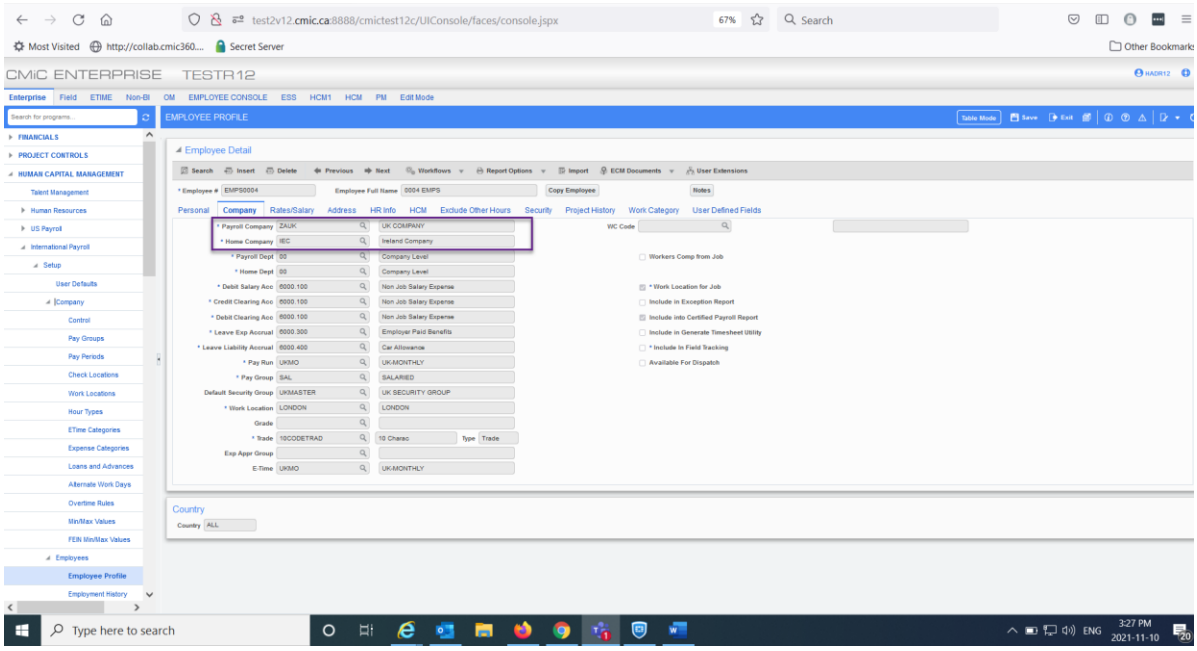


The validation on employee profile and history remains intact and all information are validated based on the company selected such as pay run, pay group or union code.

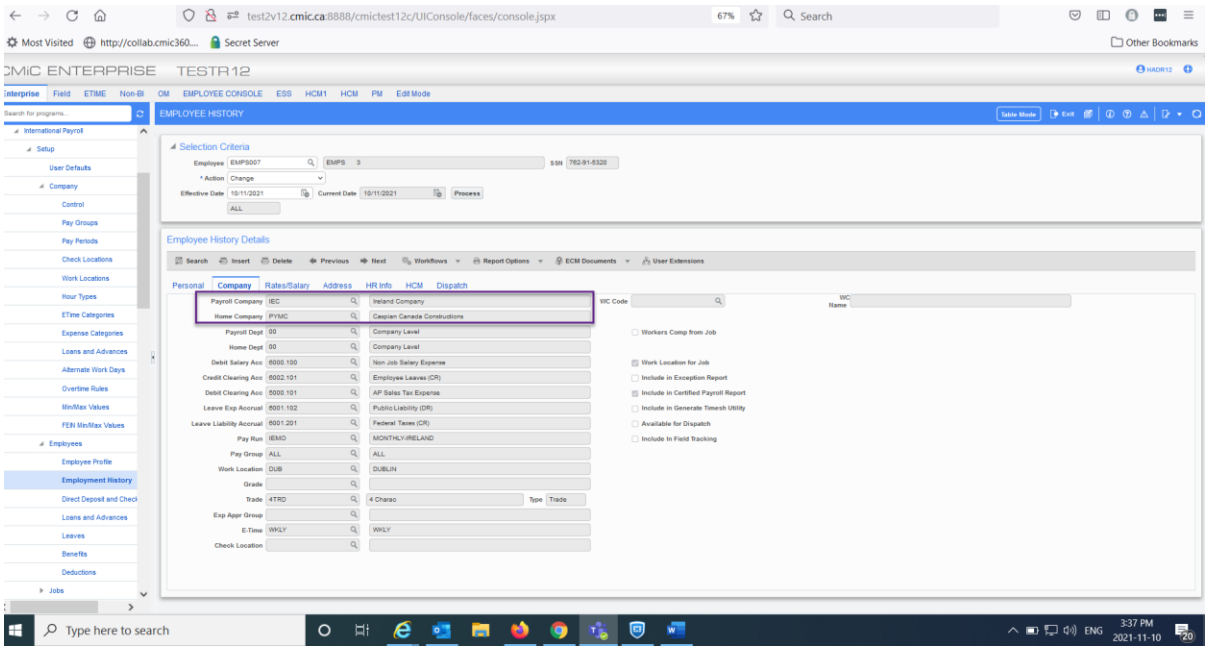
The triggers will be created defaulting required values for tax-related fields in profile and history tables.

Implementation

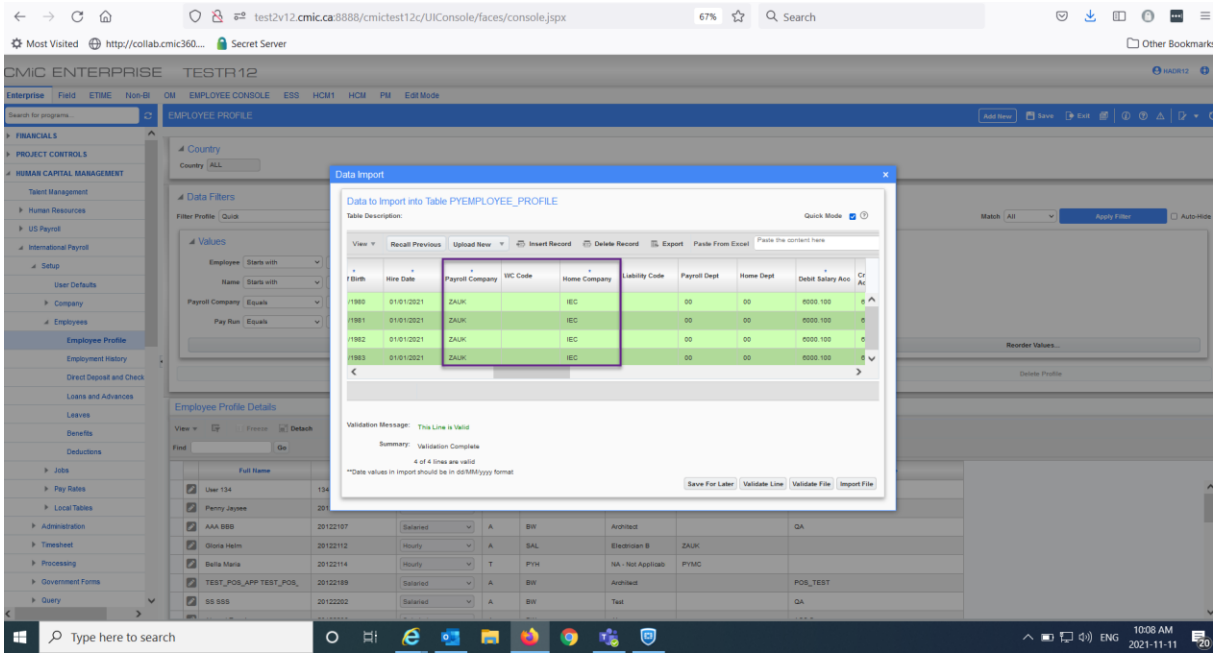
Employee profile can now be saved with a payroll company that is different than the home company.

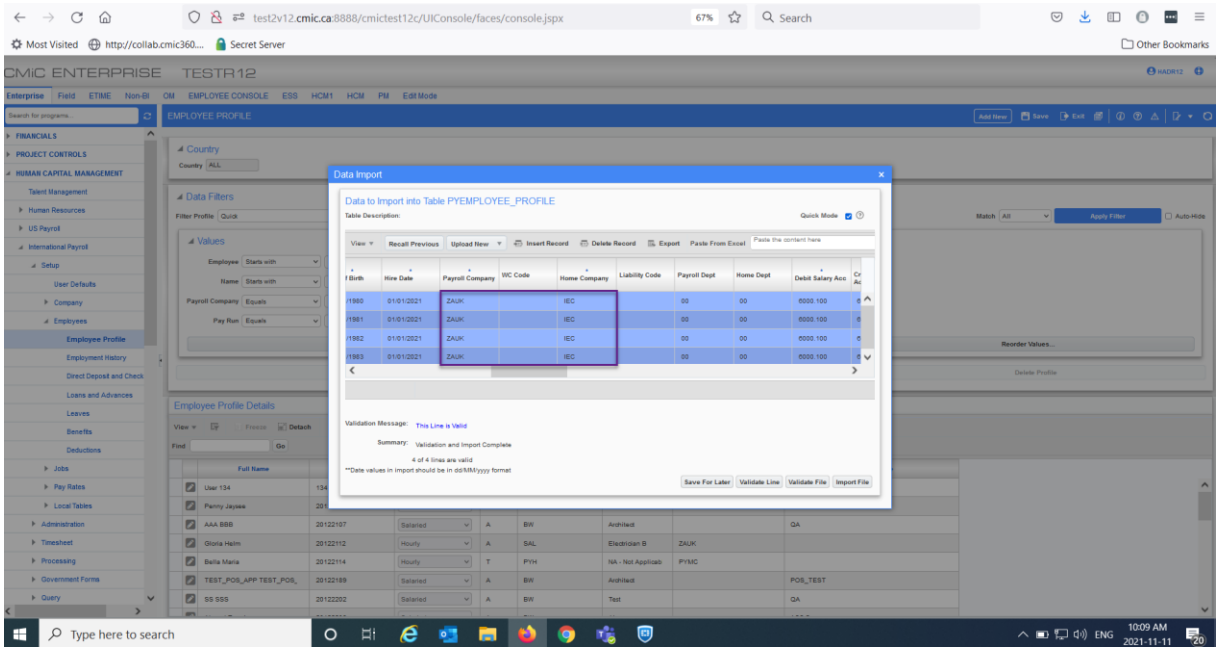


The same changes can be made to employees under employee history for existing or a newly created employee.

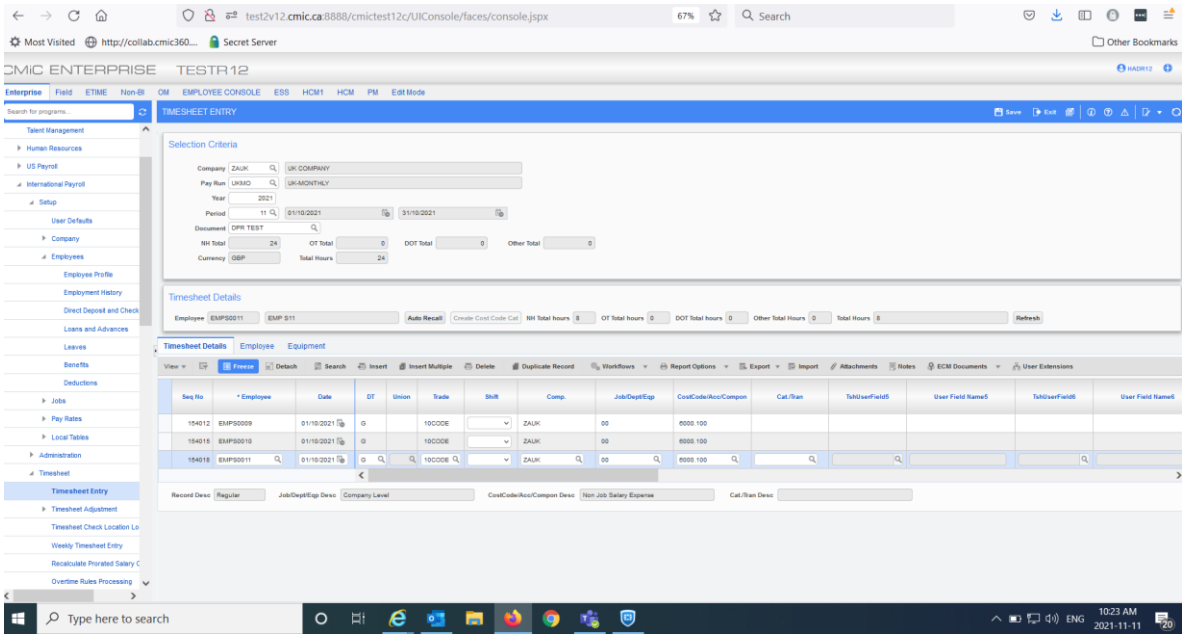


This change is also applied to import in employee profile. The employee import feature within the ADF screen is modified to ensure that users can import employees without validating tax information.





Timesheet can be entered and posted for these employees with the change.



ZAUK - UK COMPANY
PAYROLL - TIMESHEET POSTING HISTORY REPORT

Page: 1 of 1
Date: Nov 11, 2021
Time: 10:33 AM EST

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
Employee : EMPS0009			**EMP S9**								
01/10/2021	ZAUK	G	00	6000.100		Normal Wages	8.00	34.722	277.78	34.722	277.78
						Employee Total :	**8.00**		**277.78**		**277.78**
Employee : EMPS0010			**EMP S10**								
01/10/2021	ZAUK	G	00	6000.100		Normal Wages	8.00	34.722	277.78	34.722	277.78
						Employee Total :	**8.00**		**277.78**		**277.78**
Employee : EMPS0011			**EMP S11**								
01/10/2021	ZAUK	G	00	6000.100		Normal Wages	8.00	34.722	277.78	34.722	277.78
						Employee Total :	**8.00**		**277.78**		**277.78**
						Grand Total :	**24.00**		**833.34**		**833.34**

Report Parameters

Batch:	35751	From Pay Group:		Run Date:	Nov 11, 2021
From Employee:		To Pay Group:		Run Time:	10:33 AM EST
To Employee:		Pay Run:	UKMO	Operator:	HADR12
From Date:	01/10/2021	Pay Year:	2021	Report Code:	PY1001
To Date:	31/10/2021	Pay Period:	11		

New Calculation Method Added for Base Wage – Dubai Region

(21.47918/HCM-421 and HCM-434)

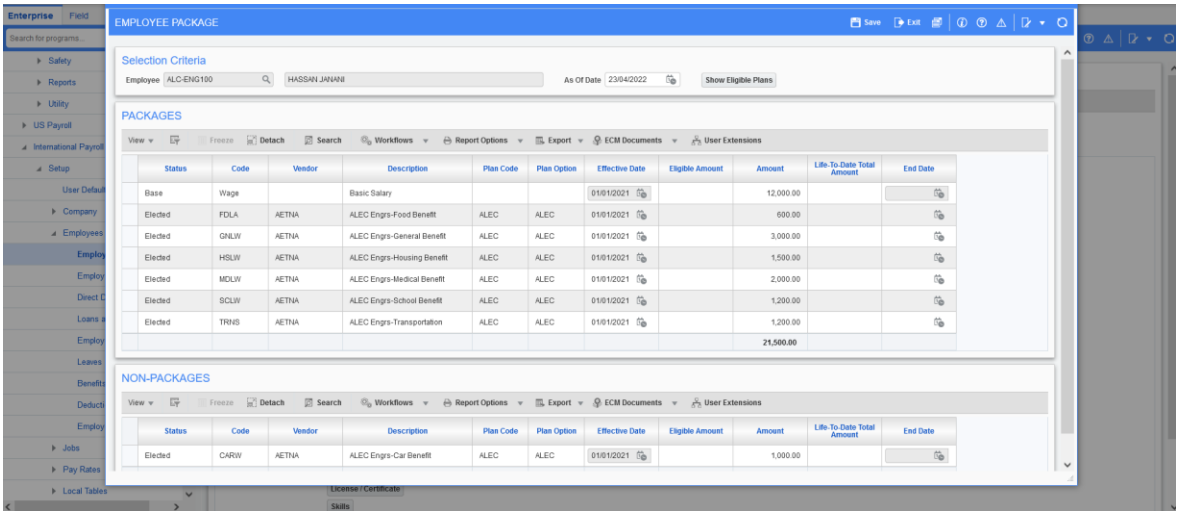
Overview

CMIC has added calculation support for the Dubai region to the International Payroll module. The definition of the base wage in Dubai is a monthly salary which includes monthly allowances. Full wage includes basic salary plus all the employee benefits/allowances. Benefits are calculated as allowances.

Pre-requisites

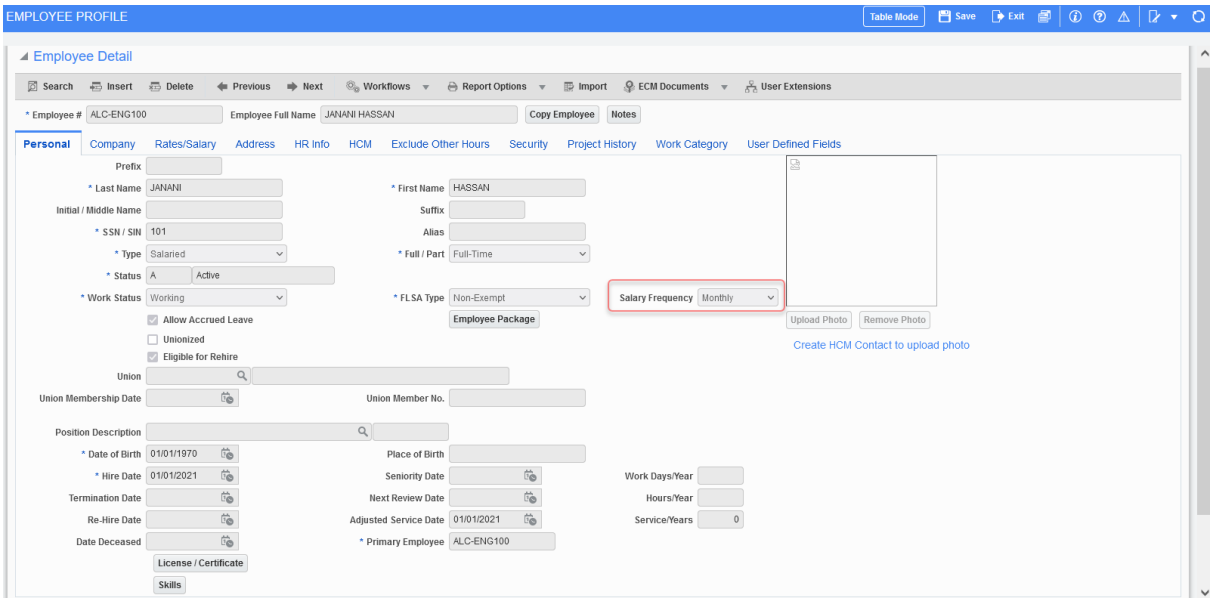
The employee package must include the employee monthly salary and the benefit paid to the employee. Therefore, the employee must have both their benefits that are included in the package and those that are not. The non-package allowances are comprised of company contributions and provisions not paid to the employee.

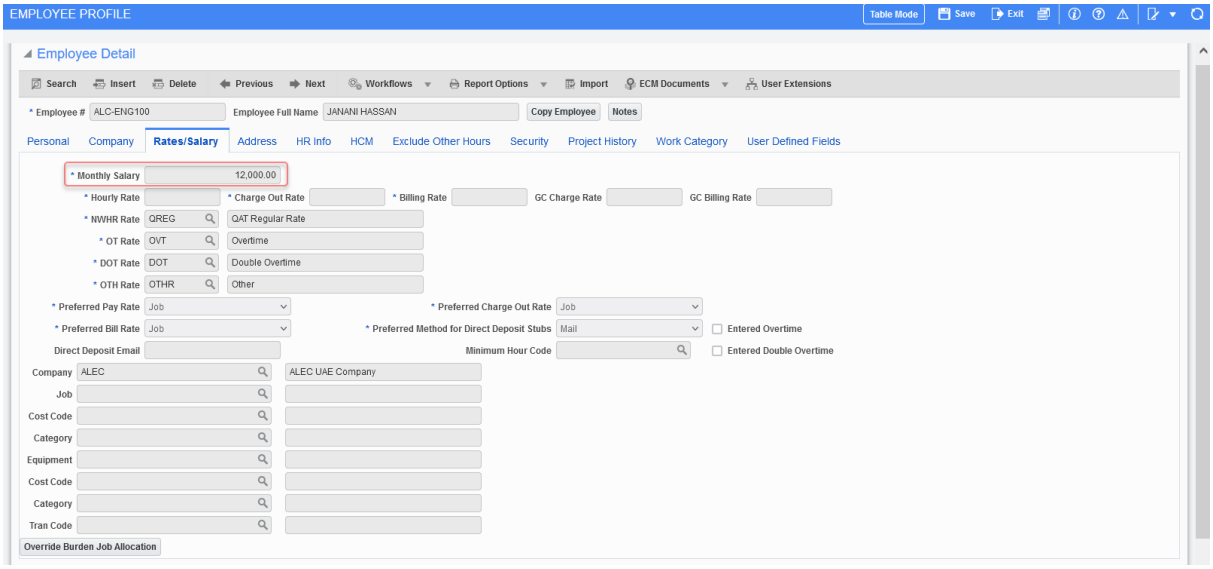
Those benefits can be elected to the employee in the HR module.



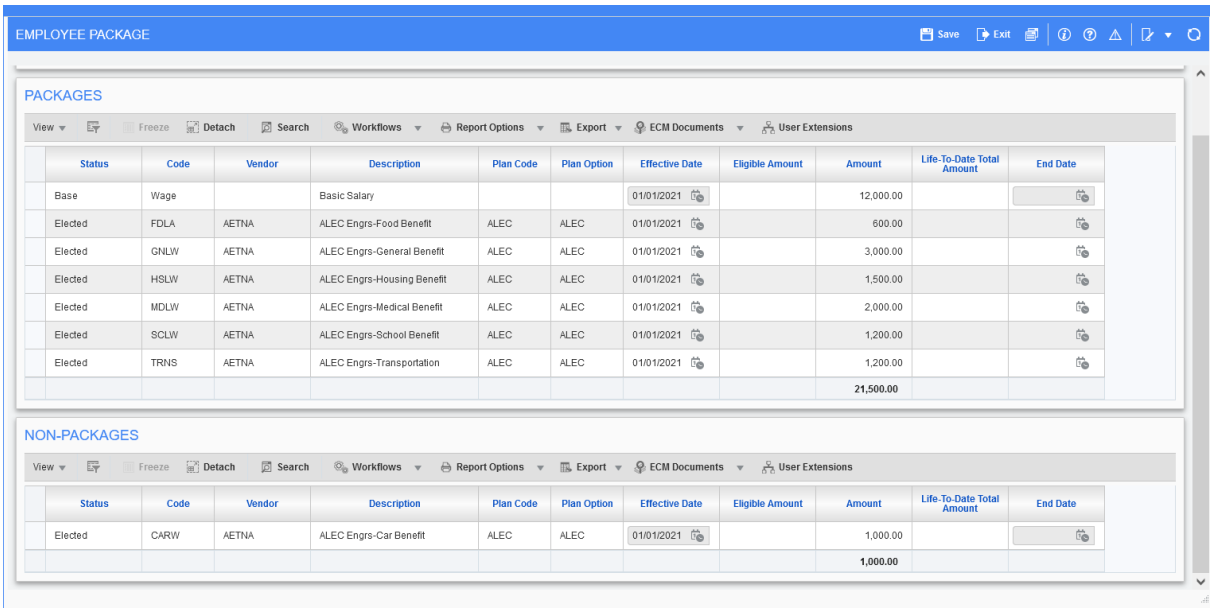
Modifications

The international Employee Profile is modified with a new option to allow users to define salary as monthly for the middle east region to avoid rounding issues. The annual salary is changed to salary frequency. Two options are provided in the frequency field: “Annual” (the default option) and “Monthly”. The Employee Package screen can be viewed from the Employee Profile.



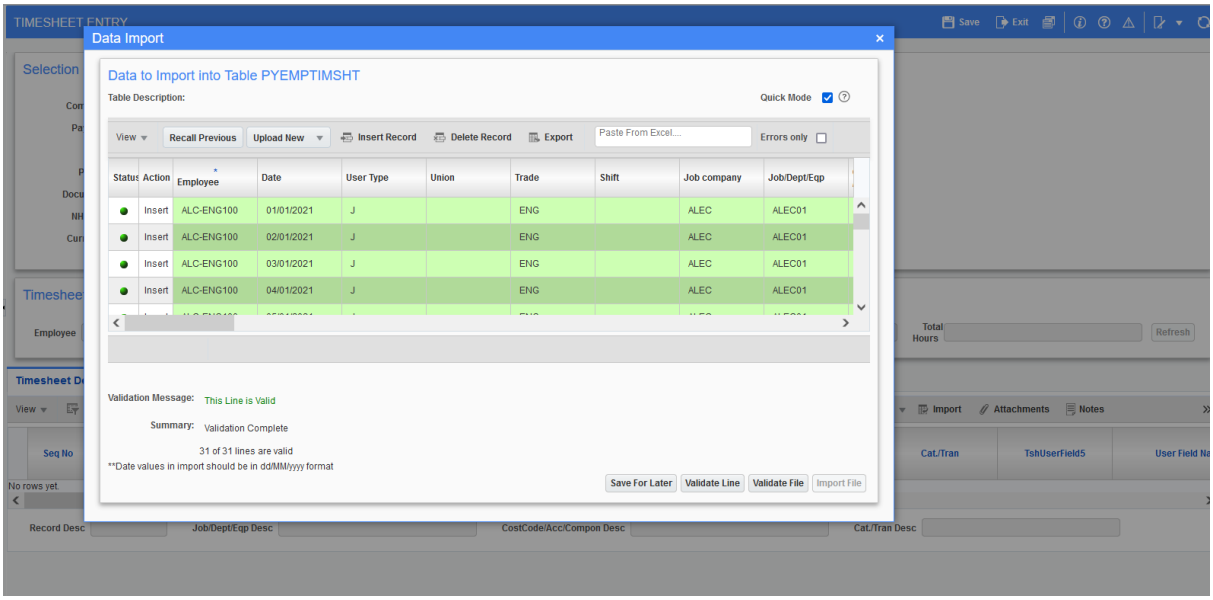


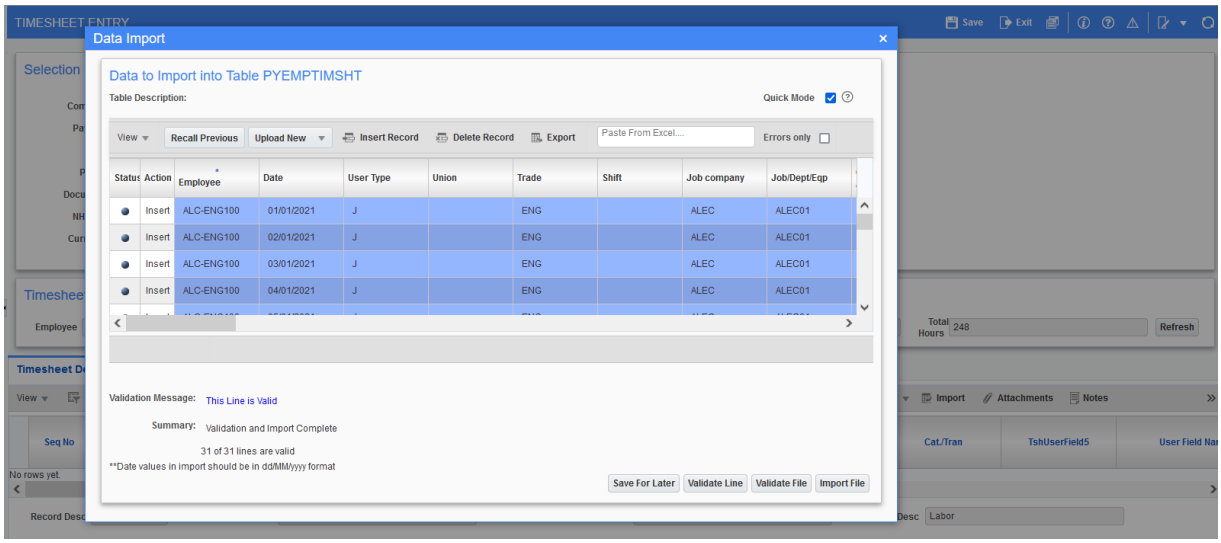
Benefits that are marked as a “Package” are displayed below. All non-package benefits are displayed in the below section.

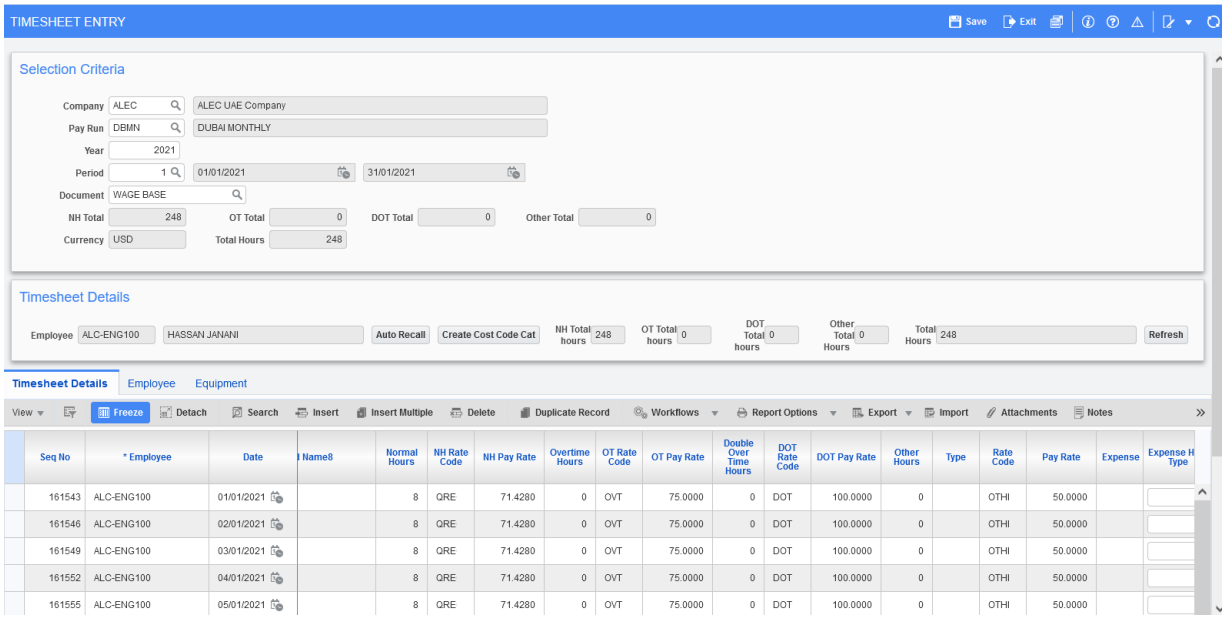


Implementation

ALEC employees enter timesheets for their time worked.

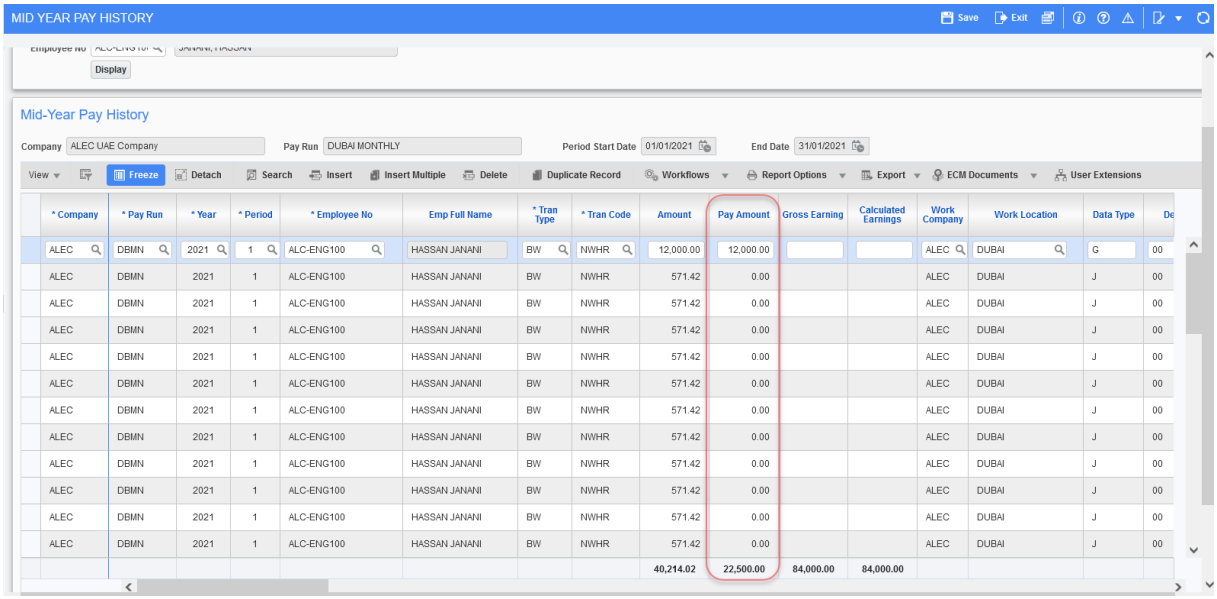






Once payroll is processed, the amount paid to the employee is calculated as:

The pay amount calculation = Base wage + All allowances (part of the package and non package) = 22,500 (in this case)



New Calculation Method Added for Pro-ration of Lump Sum Benefits – Dubai Region (21.47918/HCM-468)

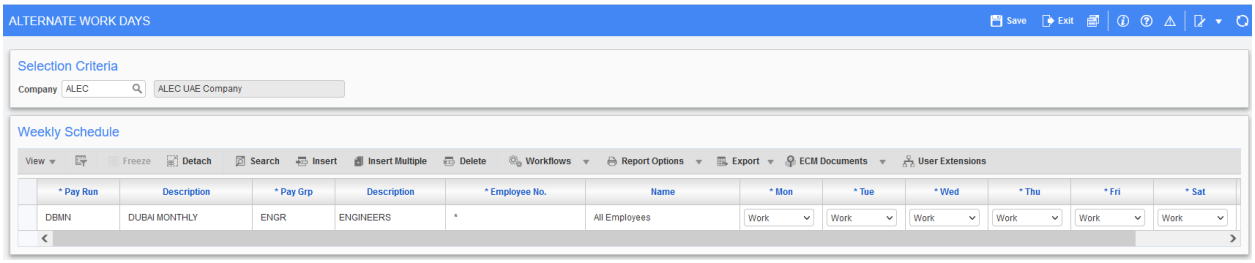
Overview

CMIC has implemented the functionality of pro-ration for employees hired or terminated mid period. Employees are paid monthly allowances for travel, food, and housing, depending on the camp in which they are housed. These allowances may change mid month if the employee changes jobs/camps or if the employee changes employment situation.

NOTE: This functionality is available for US Payroll and International Payroll.

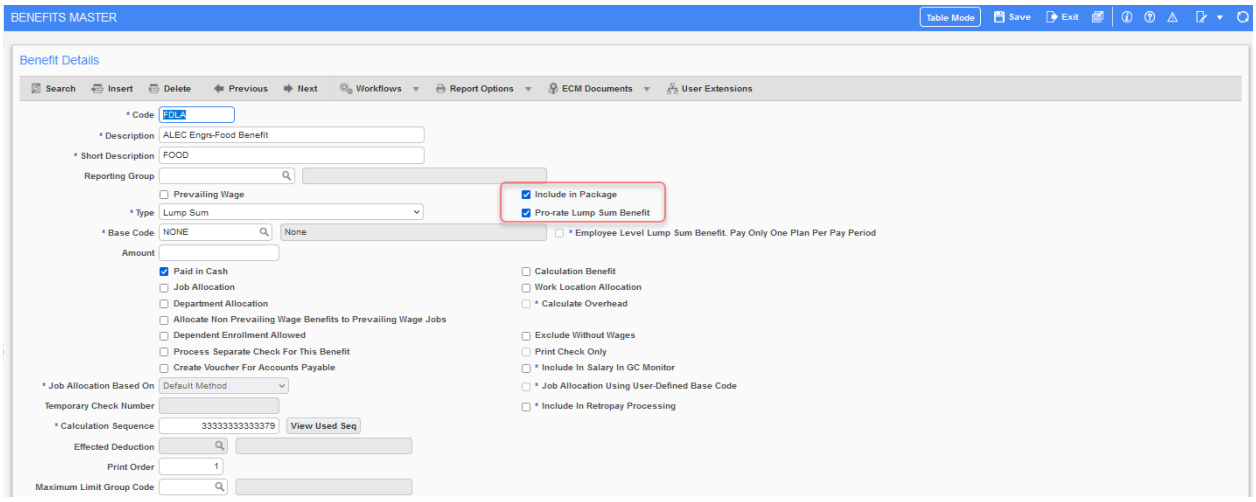
Pre-requisites

1) Alternate work days must be setup for 7 working days as per Dubai region.



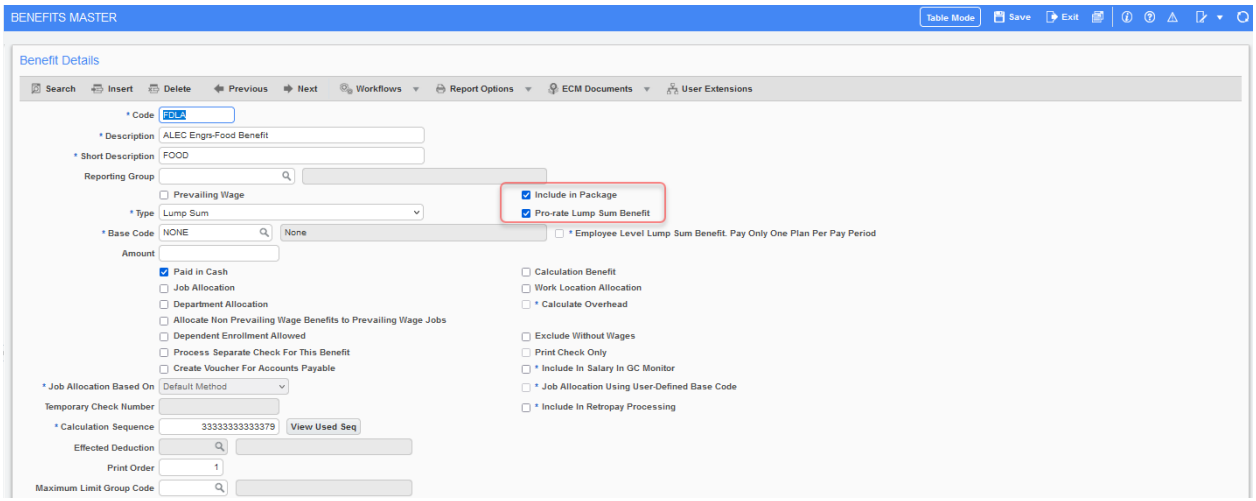
2) The master benefit screen has two new checkboxes included in package and pro-rate lump sum benefits

   To pro-rate for a lump sum benefit this the pro-rate lump sum benefit box should be checked.



Modifications

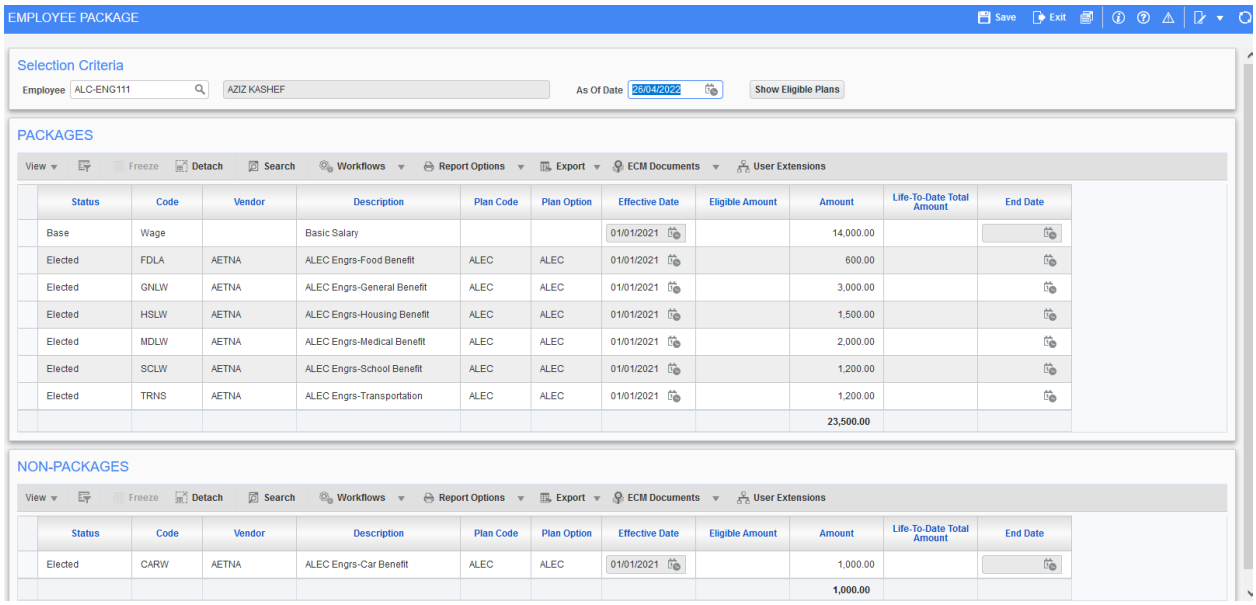
The benefit master setup screen has a new checkbox for lump-sum burdens to be pro-rated.



Implementation

An example of an employee terminated mid period and re-hired mid period is shown below.

The following is the employee package with all of the employee's allowances.



1) Timesheet was entered for the employee for two months and checks were printed.

EMPLOYEE NAME	SOCIAL INSURANCE NUMBER	UNION	Trade	CONTRACT NO	PERIOD END DATE
AZIZ KASHEF	xxx-xx-		ENG	ALEC01	31/01/2021

TAXABLE EARNINGS AND BENEFITS

DESCRIPTION	RATE	HOURS	AMOUNT	TO - DATE
Regular Hours	0.00	0	0.00	0.00
Regular Hours	56.45	248	14,000.00	14,000.00
TOTAL		248	14,000.00	14,000.00
VEHICLE		0	1,000.00	1,000.00
FOOD		0	600.00	600.00
GENERAL		0	3,000.00	3,000.00
HOUSING		0	1,500.00	1,500.00
MEDICAL		0	2,000.00	2,000.00
SCHOOL		0	1,200.00	1,200.00
TRANSPORT		0	1,200.00	1,200.00
TOTAL OTHER EARNINGS		0	10,500.00	10,500.00

Leave Code	C Frwd.	Accrued	Used	Balance
JOB LEAVE	0.00	20.00	0.00	20.00
ANNUAL LEAVE	0.00	20.00	0.00	20.00

TAXES & DEDUCTIONS

DESCRIPTION	AMOUNT	TO - DATE
TOTAL		
TOTAL TAXES & DEDUCTIONS	0.00	0.00

CHECK DATE	CHECK NO.
31/01/2021	4

TOTAL EARNINGS	14,000.00	NON TAX TOTAL	0.00
TOTAL YEAR TO DATE	14,000.00	CO. PD. BENEFITS	

CHECK AMOUNT 24,500.00

Employee ID	Date	Check No.
ALC-ENG111	31-JAN-2021	4

Pay : TWENTY-FOUR THOUSAND FIVE HUNDRED DOLLARS 00/100 ***24,500.00

TO THE ORDER OF KASHEF, AZIZ

DBAI 10022

EMPLOYEE NAME	SOCIAL INSURANCE NUMBER	UNION	Trade	CONTRACT NO	PERIOD END DATE
AZIZ KASHEF	xxx-xx-		ENG	ALEC01	28/02/2021

TAXABLE EARNINGS AND BENEFITS					TAXES & DEDUCTIONS					
DESCRIPTION	RATE	HOURS	AMOUNT	TO - DATE	DESCRIPTION	AMOUNT	TO - DATE	DESCRIPTION	AMOUNT	TO - DATE
Regular Hours	56.45	0	0.00	14,000.00	*TOTAL*			*TOTAL*		
Regular Hours	0.00	0	0.00	0.00						
Regular Hours	62.50	224	14,000.00	14,000.00						
TOTAL		224	14,000.00	28,000.00						
VEHICLE		0	1,000.00	2,000.00						
FOOD		0	600.00	1,200.00						
GENERAL		0	3,000.00	6,000.00						
HOUSING		0	1,500.00	3,000.00						
MEDICAL		0	2,000.00	4,000.00						
SCHOOL		0	1,200.00	2,400.00						
TRANSPORT		0	1,200.00	2,400.00						
TOTAL OTHER EARNINGS		0	10,500.00	21,000.00						

Leave Code	C Frwd	Accrued	Used	Balance
ANNUAL LEAVE	0.00	40.00	0.00	40.00
JOB LEAVE	0.00	40.00	0.00	40.00

								TOTAL TAXES & DEDUCTIONS	0.00	0.00
								CHECK DATE 28/02/2021		CHECK NO. 5
TOTAL EARNINGS			14,000.00		NON TAX TOTAL	0.00			CHECK AMOUNT	
TOTAL YEAR TO DATE				28,000.00	CO. PD. BENEFITS				24,500.00	

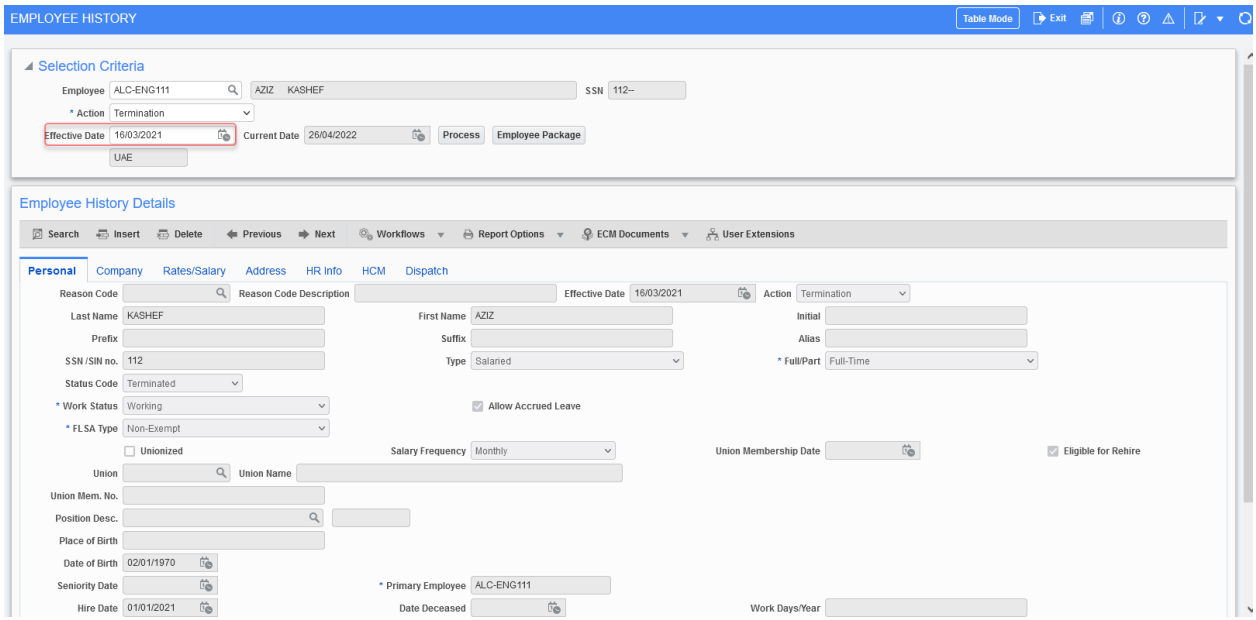
Employee ID	Date	Check No.
ALC-ENG111	28-FEB-2021	5

Pay : TWENTY-FOUR THOUSAND FIVE HUNDRED DOLLARS 00/100 ***24,500.00

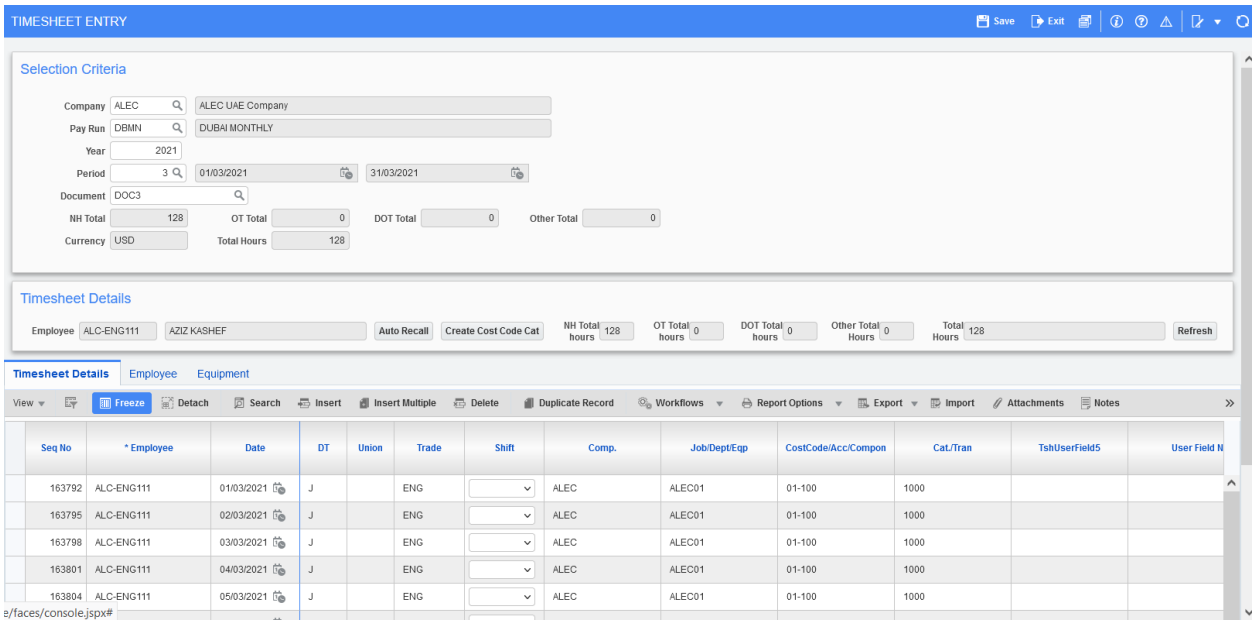
TO THE ORDER OF KASHEF, AZIZ

DBAI 10022

2) Employee got terminated mid period on the 16 of March,2021.



3) Timesheet was entered for 16 days of work.



Printed check for period 3

EMPLOYEE NAME	SOCIAL INSURANCE NUMBER	UNION	Trade	CONTRACT NO	PERIOD END DATE
AZIZ KASHEF	xxx-xx-		ENG	ALEC01	31/03/2021

TAXABLE EARNINGS AND BENEFITS

DESCRIPTION	RATE	HOURS	AMOUNT	TO - DATE
Regular Hours	0.00	0	0.00	0.00
Regular Hours	62.50	0	0.00	14,000.00
Regular Hours	56.45	128	7,225.81	21,225.81
TOTAL		128	7,225.81	35,225.81
VEHICLE		0	1,000.00	3,000.00
FOOD		0	309.68	1,509.68
GENERAL		0	1,548.39	7,548.39
HOUSING		0	774.19	3,774.19
MEDICAL		0	1,032.26	5,032.26
SCHOOL		0	619.35	3,019.35
TRANSPORT		0	619.35	3,019.35
TOTAL OTHER EARNINGS		0	5,903.22	26,903.22

Leave Code	C Frwd	Accrued	Used	Balance
ANNUAL LEAVE	0.00	60.00	0.00	60.00
JOB LEAVE	0.00	60.00	0.00	60.00

TAXES & DEDUCTIONS

DESCRIPTION	AMOUNT	TO - DATE
TOTAL		

DESCRIPTION	AMOUNT	TO - DATE
TOTAL		
TOTAL TAXES & DEDUCTIONS	0.00	0.00

CHECK DATE	CHECK NO.
31/03/2021	6

TOTAL EARNINGS	7,225.81	NON TAX TOTAL	0.00
TOTAL YEAR TO DATE	35,225.81	CO. PD. BENEFITS	

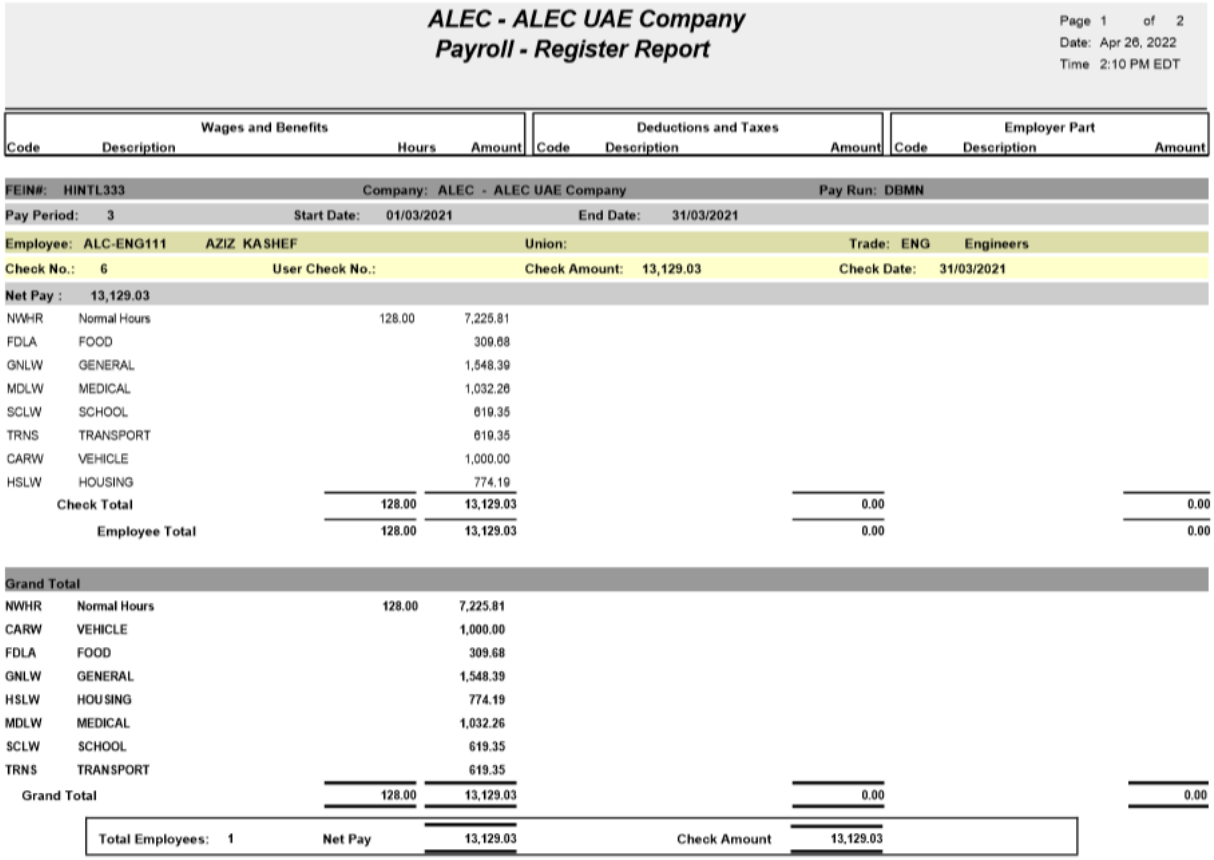
CHECK AMOUNT 13,129.03

Employee ID	Date	Check No.
ALC-ENG111	31-MAR-2021	6

Pay : THIRTEEN THOUSAND ONE HUNDRED TWENTY-NINE DOLLARS 03/100 ***13,129.03

TO THE ORDER OF KASHEF, AZIZ

DBAI 10022



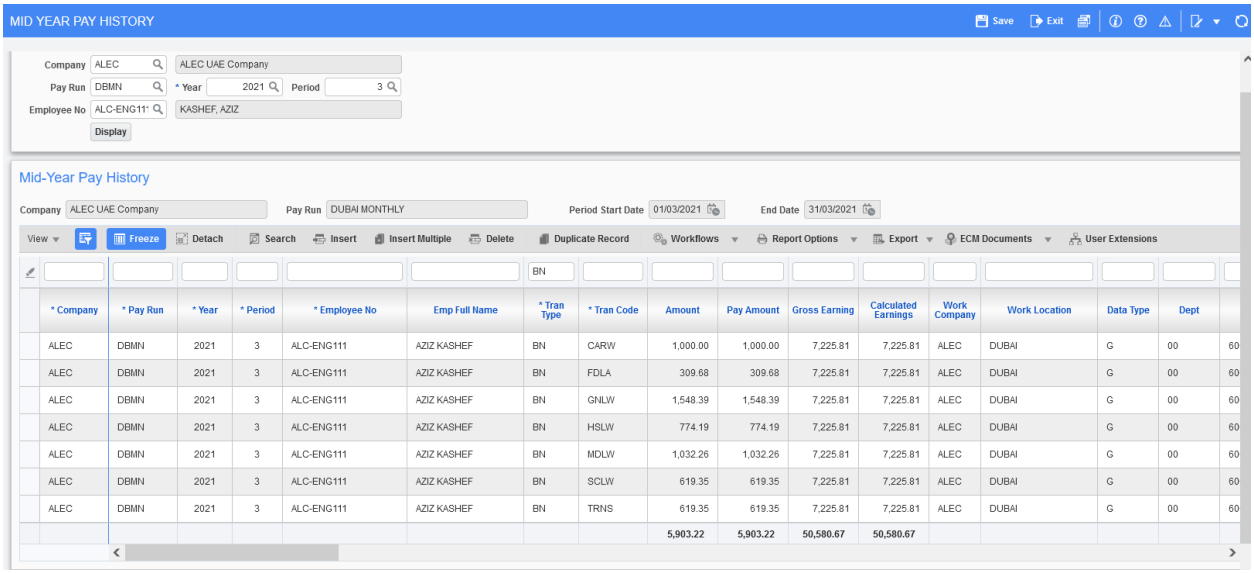
ALEC - ALEC UAE Company
Payroll - Register Report

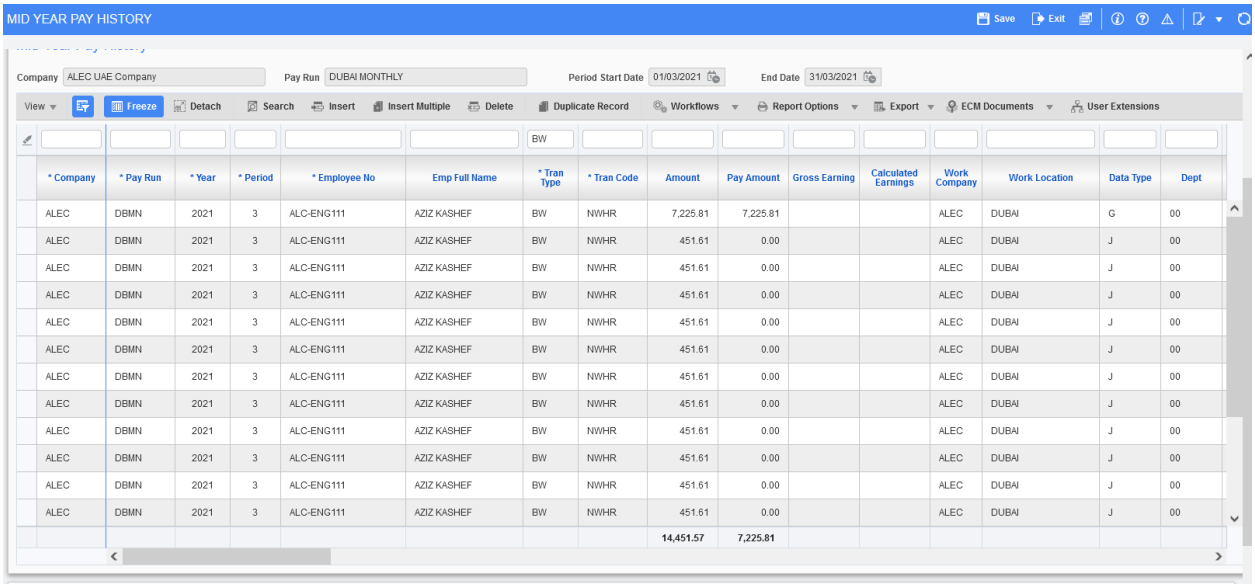
Page 1 of 2
Date: Apr 26, 2022
Time 2:10 PM EDT

Wages and Benefits				Deductions and Taxes			Employer Part		
Code	Description	Hours	Amount	Code	Description	Amount	Code	Description	Amount
FEIN#: HINTL333			Company: ALEC - ALEC UAE Company			Pay Run: DBMN			
Pay Period: 3		Start Date: 01/03/2021		End Date: 31/03/2021					
Employee: ALC-ENG111	AZIZ KASHEF		Union:			Trade: ENG	Engineers		
Check No.: 6		User Check No.:		Check Amount: 13,129.03		Check Date: 31/03/2021			
Net Pay : 13,129.03									
NWHR	Normal Hours	128.00	7,225.81						
FDLA	FOOD		309.68						
GNLW	GENERAL		1,548.39						
MDLW	MEDICAL		1,032.26						
SCLW	SCHOOL		619.35						
TRNS	TRANSPORT		619.35						
CARW	VEHICLE		1,000.00						
HSLW	HOUSING		774.19						
Check Total		128.00	13,129.03			0.00			0.00
Employee Total		128.00	13,129.03			0.00			0.00
Grand Total									
NWHR	Normal Hours	128.00	7,225.81						
CARW	VEHICLE		1,000.00						
FDLA	FOOD		309.68						
GNLW	GENERAL		1,548.39						
HSLW	HOUSING		774.19						
MDLW	MEDICAL		1,032.26						
SCLW	SCHOOL		619.35						
TRNS	TRANSPORT		619.35						
Grand Total		128.00	13,129.03			0.00			0.00
Total Employees: 1		Net Pay	13,129.03		Check Amount	13,129.03			

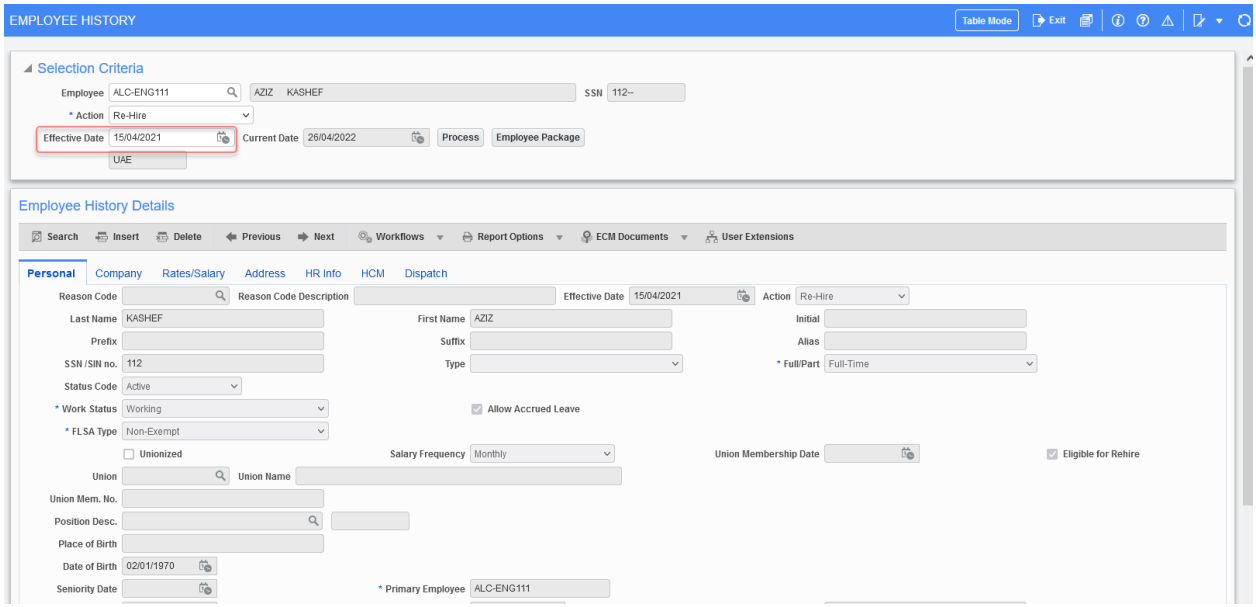
4) Calculations of the pro-rated benefits and BW:

Period	3
Month Days	31
Worked Days	16
Benefit Changed	
Leaves	0
FDLA	600/31 *16 =309.677
GNLW	3000/31*16= 1548.3871
HSLW	1500/31*16= 774.19
MDLW	2000/31*16=1032.25
SCLW	1200/31*16=619.35
TRANS	1200/31*16=619.35
BW	14000/31*16 = 7225.806

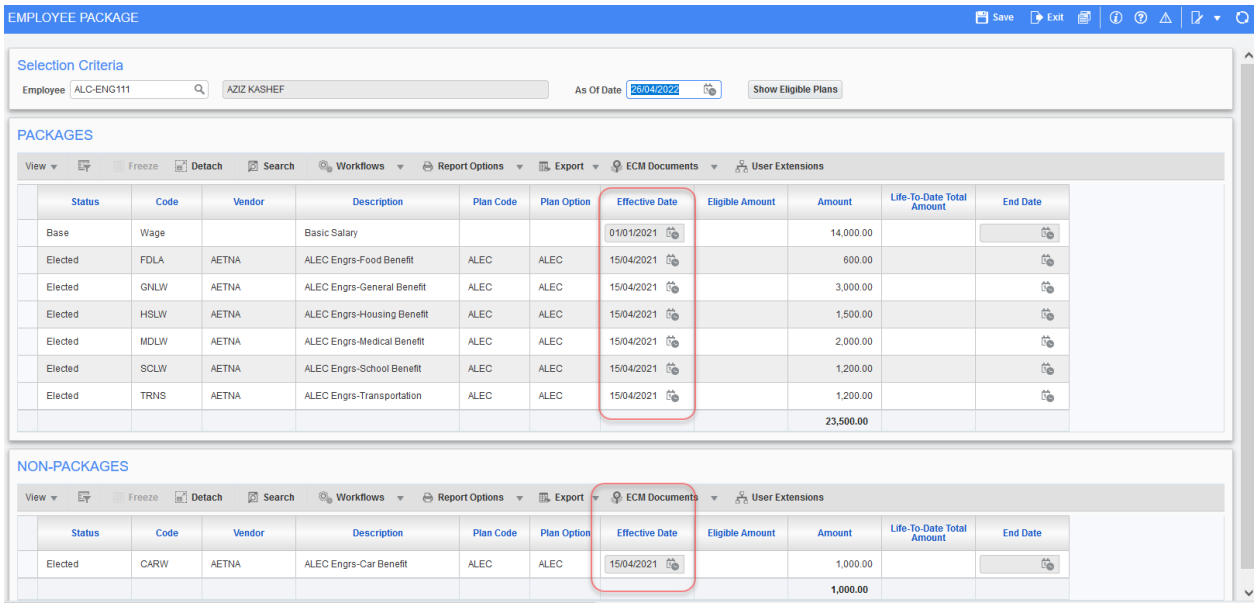




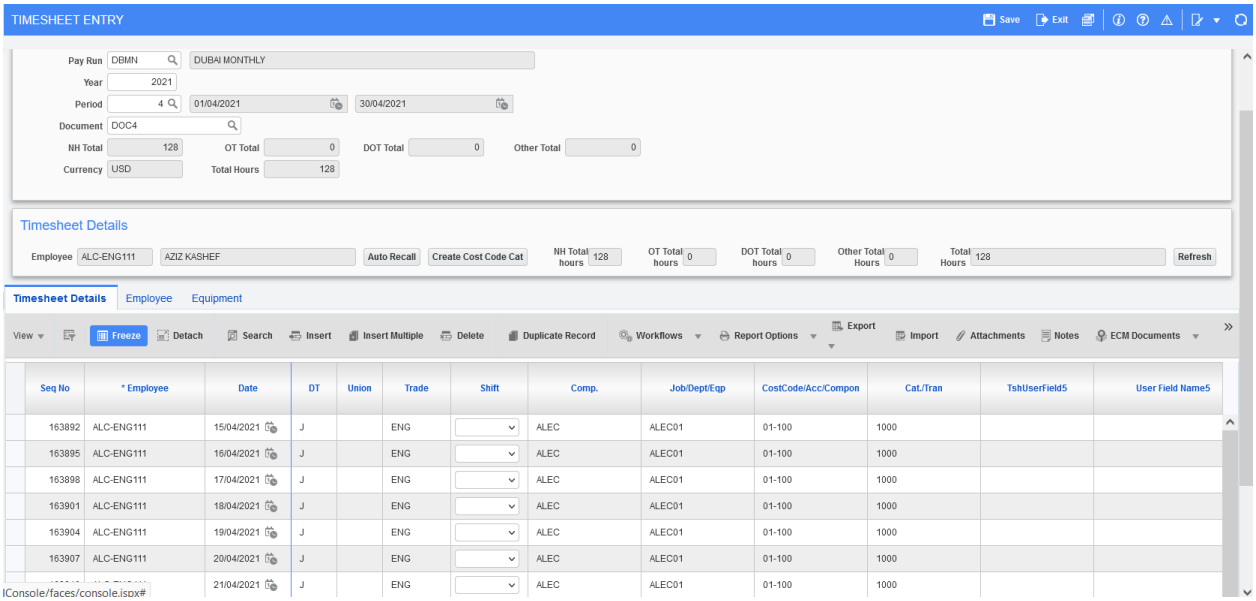
5) The employee got re-hired the 15 of April 2021.



6) The benefits were re-elected.

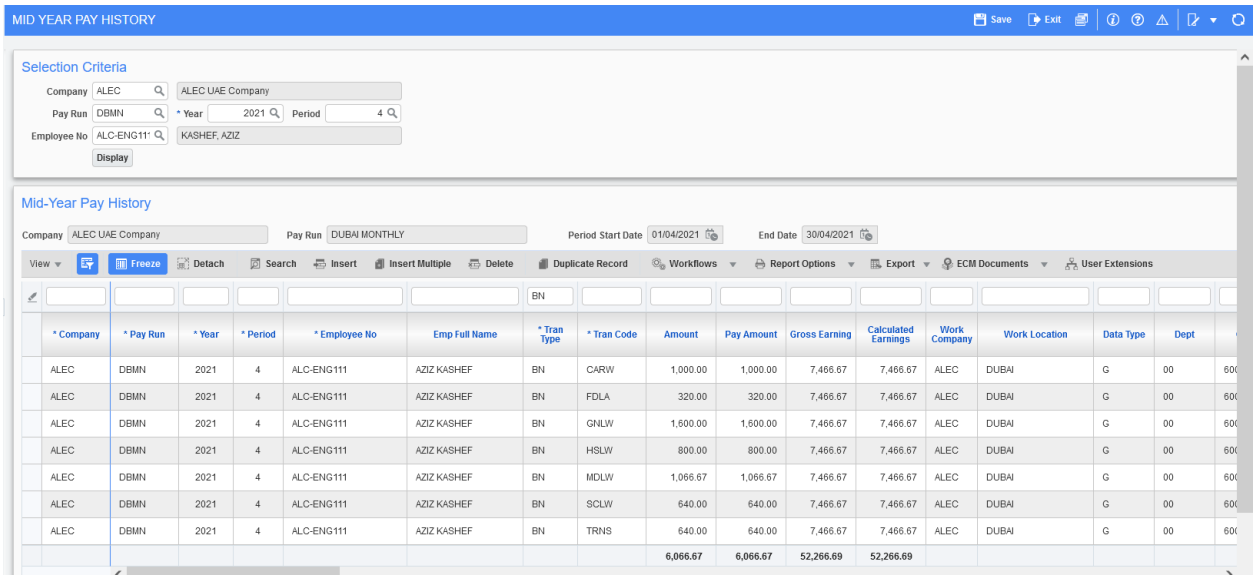


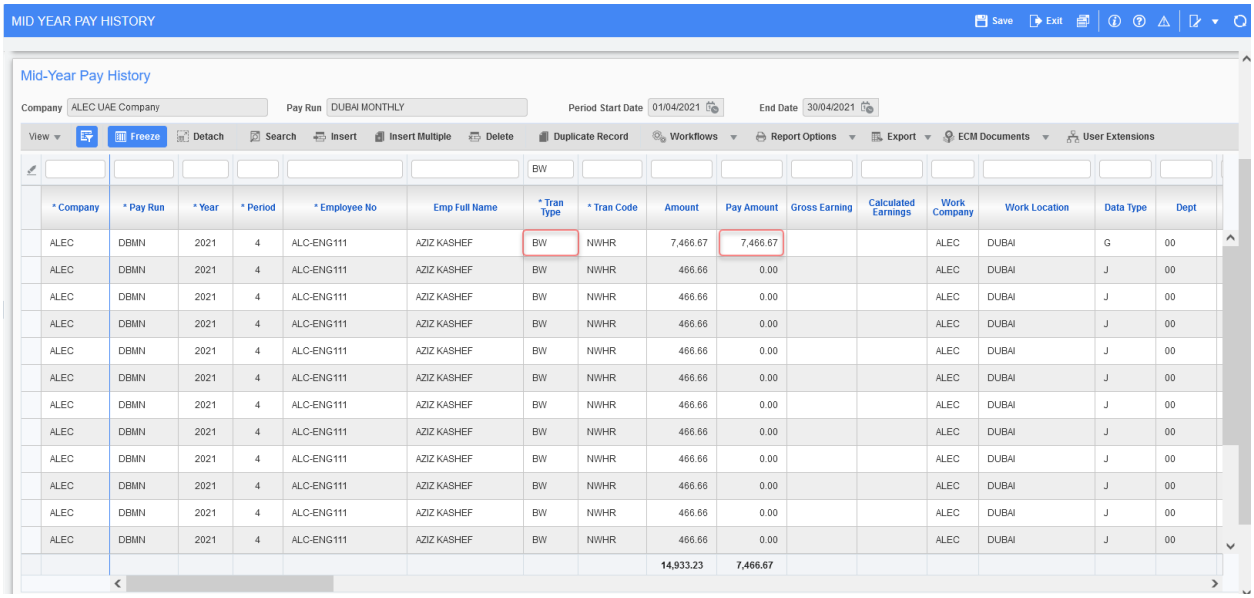
7) Timesheet is entered for the employee for 15 working days starting April 15.



8) Calculations of the pro-rated benefits and BW:

Period	4
Month Days	30
Worked Days	16
Benefit Changed	
Leaves	0
FDLA	600/30 *16 =320
GNLW	3000/30*16= 1600
HSLW	1500/30*16= 800
MDLW	2000/30*16=1066.66
SCLW	1200/30*16=640
TRANS	1200/30*16=640
BW	14000/30*16 = 7466.66





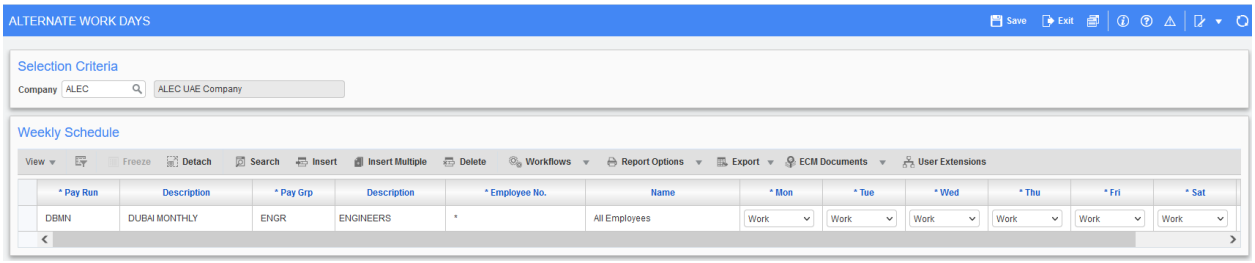
New Calculation Method Added for Cash and Non-Cash Lump Sum Benefits – Dubai Region (21.47918/HCM 467 and HCM-468)

Overview

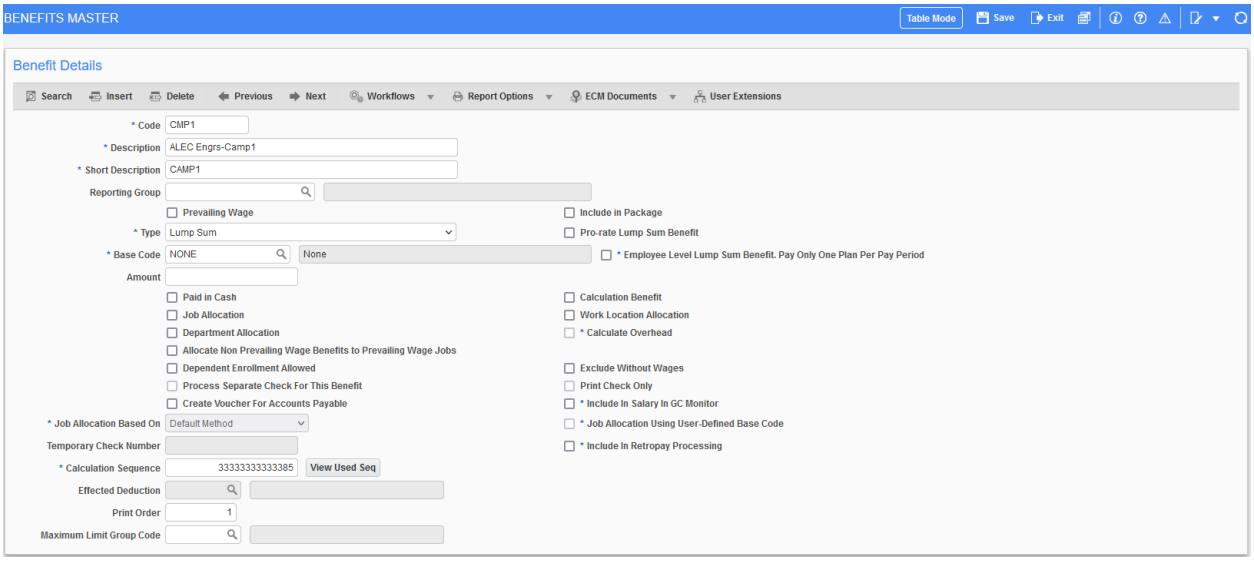
CMIC has implemented a new method to calculate cash and non-cash lump sum benefits. Percentage benefits cannot be pro-rated or part of a package.

Pre-requisites

1) Alternate Workdays should be set to 7 working days as per Dubai region.

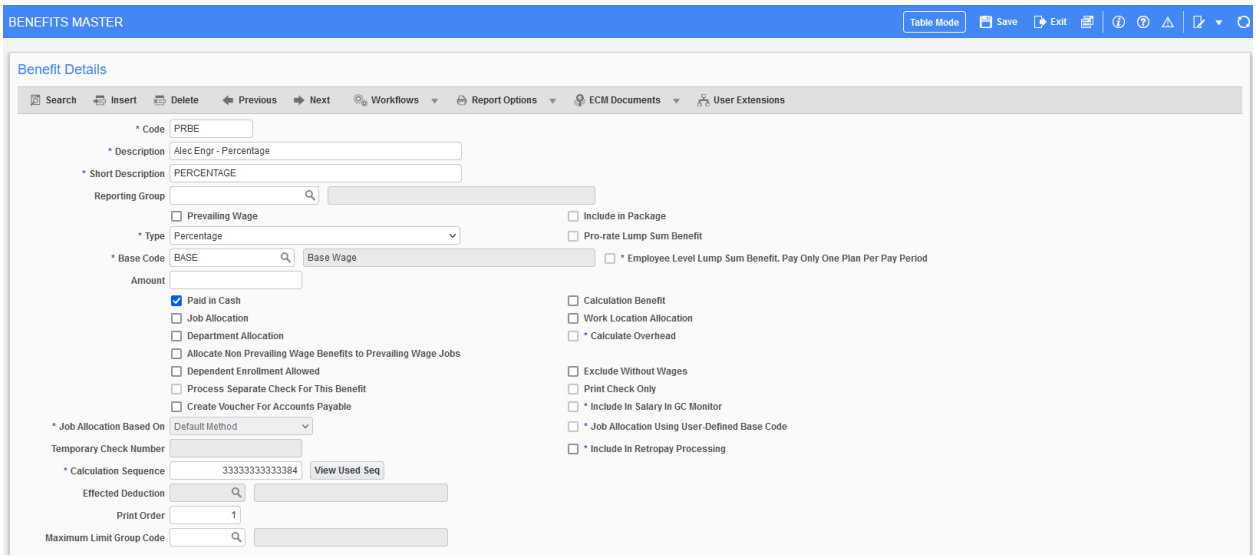


2) Non-cash benefits should not be part of the package or have pro-rate lump sum benefit box is checked. The paid in cash box should be unchecked.



Modifications

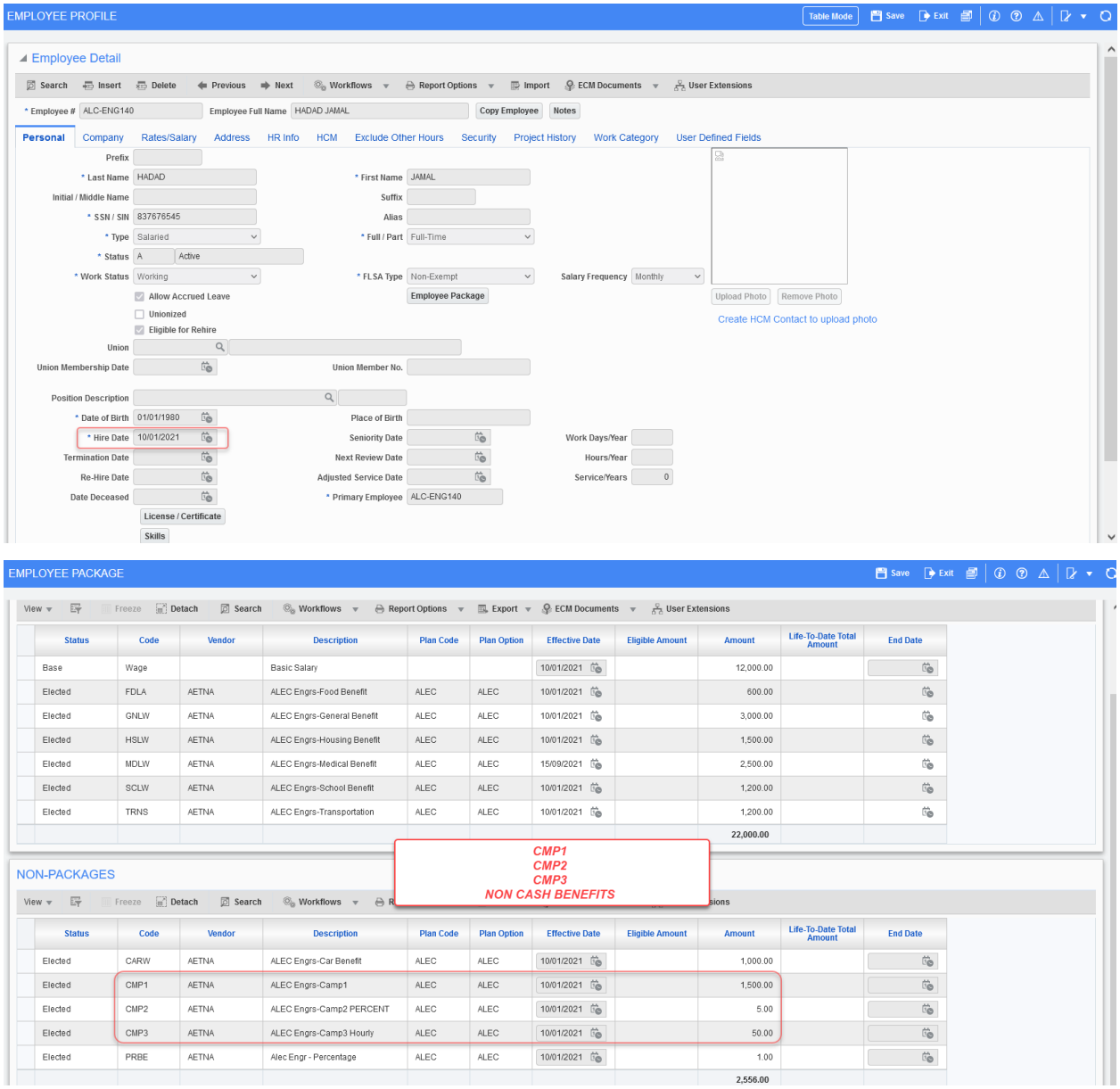
Include in Package and Pro-rate Lump Sum Benefit boxes are unchecked when the benefit is a percentage. Percentage benefits are paid in cash.



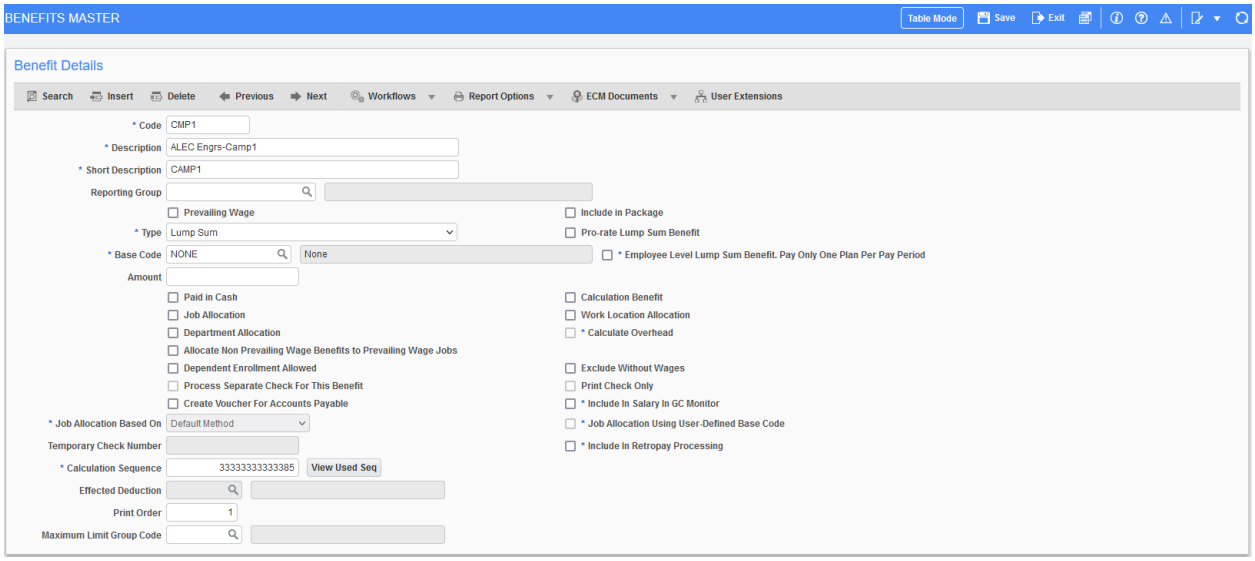
Implementation

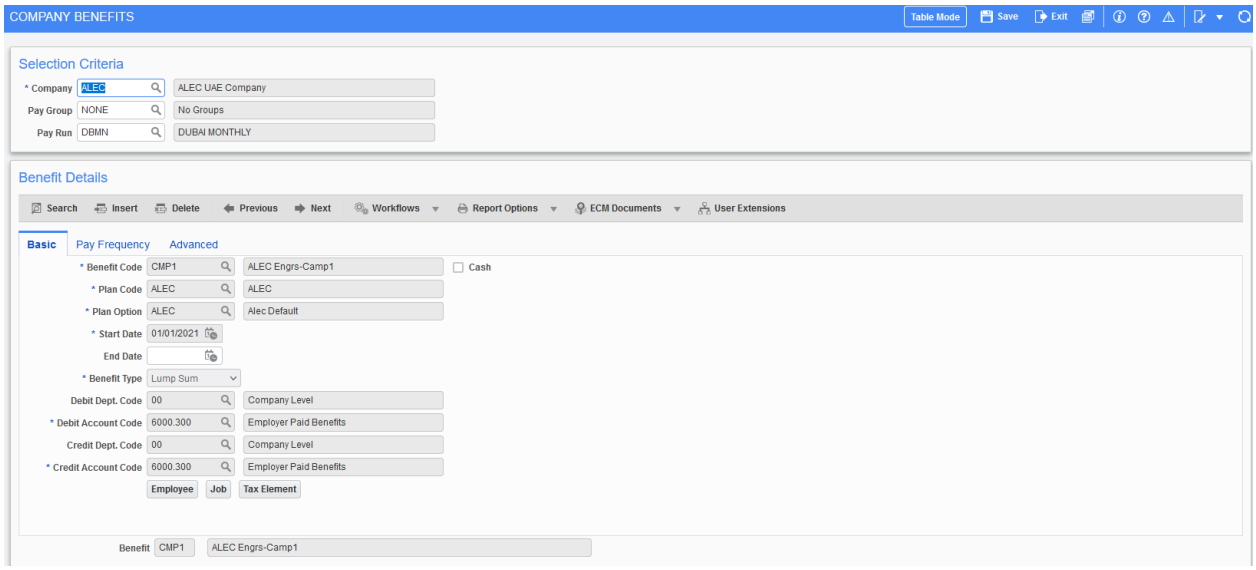
The following is an example using a no-packaged percentage benefit.

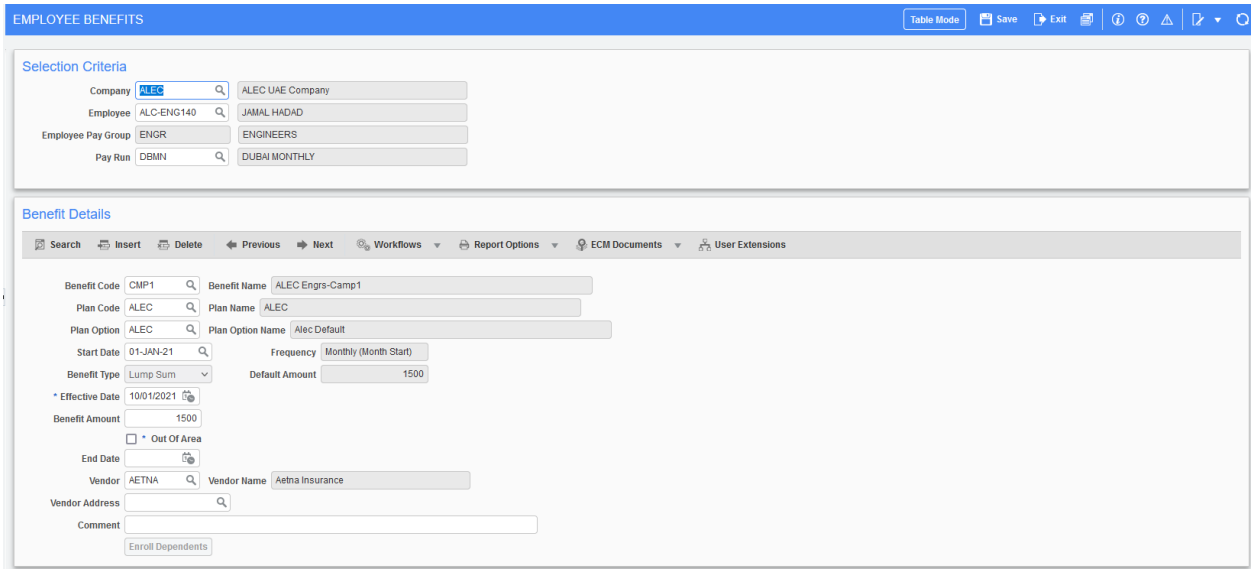
An employee is hired on 10th of January,2021 with a non-packaged percentage benefit. The benefit will not pro-rate as a lump sum benefit. Non-cash benefits pay amounts are part of this example.

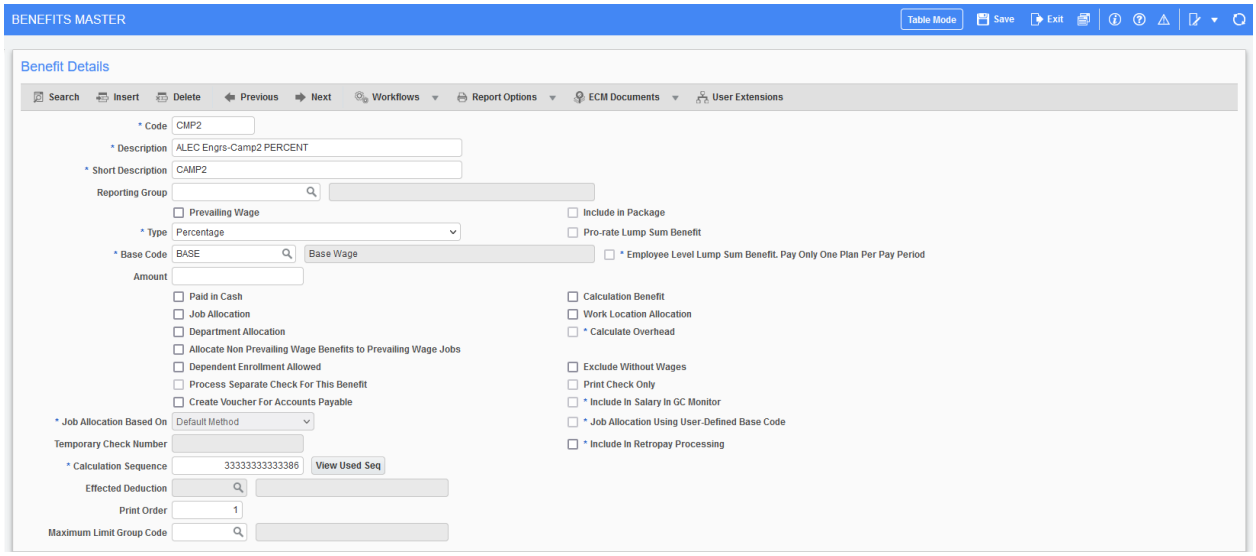


Noncash benefits setup is shown below.


BENEFITS MASTER
Table Mode
Save
Exit
Benefit Details
Search
Insert
Delete
Previous
Next
Workflows
Report Options
ECM Documents
User Extensions
* Code
CMP1
* Description
ALEC Engrs-Camp1
* Short Description
CAMP1
Reporting Group
Prevailing Wage
Include in Package
* Type
Lump Sum
Pro-rate Lump Sum Benefit
* Base Code
NONE
None
* Employee Level Lump Sum Benefit. Pay Only One Plan Per Pay Period
Amount
Paid in Cash
Calculation Benefit
Job Allocation
Work Location Allocation
Department Allocation
* Calculate Overhead
Allocate Non Prevailing Wage Benefits to Prevailing Wage Jobs
Dependent Enrollment Allowed
Exclude Without Wages
Process Separate Check For This Benefit
Print Check Only
Create Voucher For Accounts Payable
* Include In Salary In GC Monitor
* Job Allocation Based On
Default Method
* Job Allocation Using User-Defined Base Code
Temporary Check Number
* Include In Retropay Processing
* Calculation Sequence
33333333333385
View Used Seq
Effected Deduction
Print Order
1
Maximum Limit Group Code


COMPANY BENEFITS
Table Mode
Save
Exit
Selection Criteria
* Company
ALEC
ALEC UAE Company
Pay Group
NONE
No Groups
Pay Run
DBMN
DUBAI MONTHLY
Benefit Details
Search
Insert
Delete
Previous
Next
Workflows
Report Options
ECM Documents
User Extensions
Basic
Pay Frequency
Advanced
* Benefit Code
CMP1
ALEC Engrs-Camp1
Cash
* Plan Code
ALEC
ALEC
* Plan Option
ALEC
Alec Default
* Start Date
01/01/2021
End Date
* Benefit Type
Lump Sum
Debit Dept. Code
00
Company Level
* Debit Account Code
6000.300
Employer Paid Benefits
Credit Dept. Code
00
Company Level
* Credit Account Code
6000.300
Employer Paid Benefits
Employee
Job
Tax Element
Benefit
CMP1
ALEC Engrs-Camp1


EMPLOYEE BENEFITS
Table Mode
Save
Exit
Selection Criteria
Company
ALEC
ALEC UAE Company
Employee
ALC-ENG140
JAMAL HADAD
Employee Pay Group
ENGR
ENGINEERS
Pay Run
DBMN
DUBAI MONTHLY
Benefit Details
Search
Insert
Delete
Previous
Next
Workflows
Report Options
ECM Documents
User Extensions
Benefit Code
CMP1
Benefit Name
ALEC Engrs-Camp1
Plan Code
ALEC
Plan Name
ALEC
Plan Option
ALEC
Plan Option Name
Alec Default
Start Date
01-JAN-21
Frequency
Monthly (Month Start)
Benefit Type
Lump Sum
Default Amount
1500
* Effective Date
10/01/2021
Benefit Amount
1500
* Out Of Area
End Date
Vendor
AETNA
Vendor Name
Aetna Insurance
Vendor Address
Comment
Enroll Dependents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Exit
Benefit Details
Search
Insert
Delete
Previous
Next
Workflows
Report Options
ECM Documents
User Extensions
* Code
CMP2
* Description
ALEC Engrs-Camp2 PERCENT
* Short Description
CAMP2
Reporting Group
Prevailing Wage
Include in Package
* Type
Percentage
Pro-rate Lump Sum Benefit
* Base Code
BASE
Base Wage
* Employee Level Lump Sum Benefit. Pay Only One Plan Per Pay Period
Amount
Paid in Cash
Calculation Benefit
Job Allocation
Work Location Allocation
Department Allocation
* Calculate Overhead
Allocate Non Prevailing Wage Benefits to Prevailing Wage Jobs
Dependent Enrollment Allowed
Exclude Without Wages
Process Separate Check For This Benefit
Print Check Only
Create Voucher For Accounts Payable
* Include In Salary In GC Monitor
* Job Allocation Based On
Default Method
* Job Allocation Using User-Defined Base Code
Temporary Check Number
* Include In Retropay Processing
* Calculation Sequence
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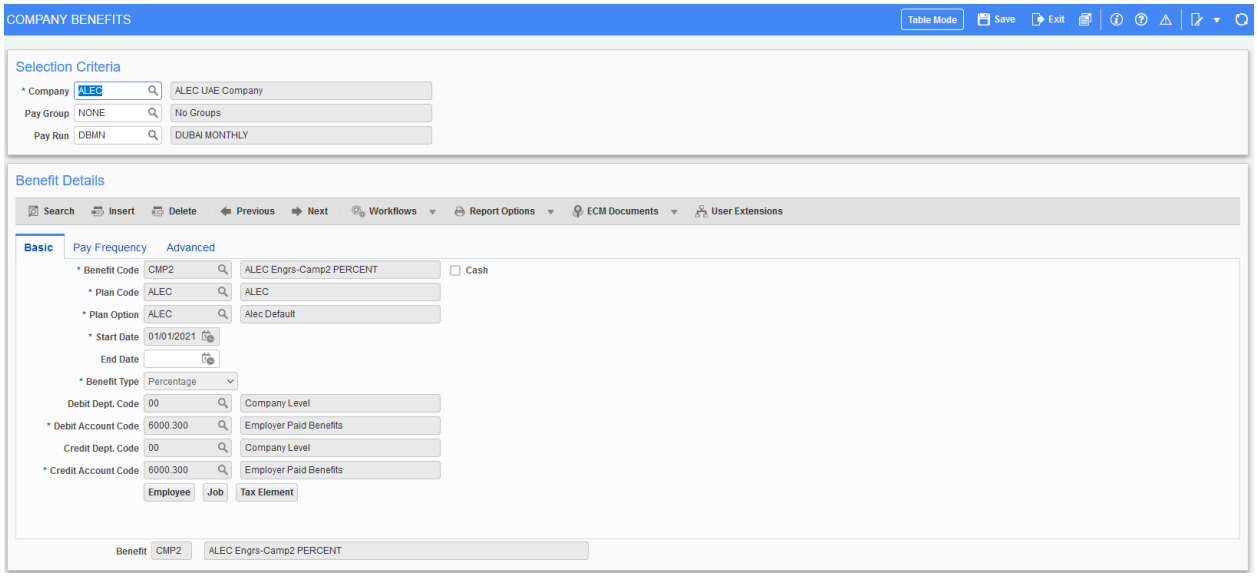
Effected Deduction
Print Order
1
Maximum Limit Group Code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Pay Run
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DUBAI MONTHLY
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Previous
Next
Workflows
Report Options
ECM Documents
User Extensions
Basic
Pay Frequency
Advanced
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CMP2
ALEC Engrs-Camp2 PERCENT
Cash
* Plan Code
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ALEC
* Plan Option
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Alec Default
* Start Date
01/01/2021
End Date
* Benefit Type
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Company Level
* Debit Account Code
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Employer Paid Benefits
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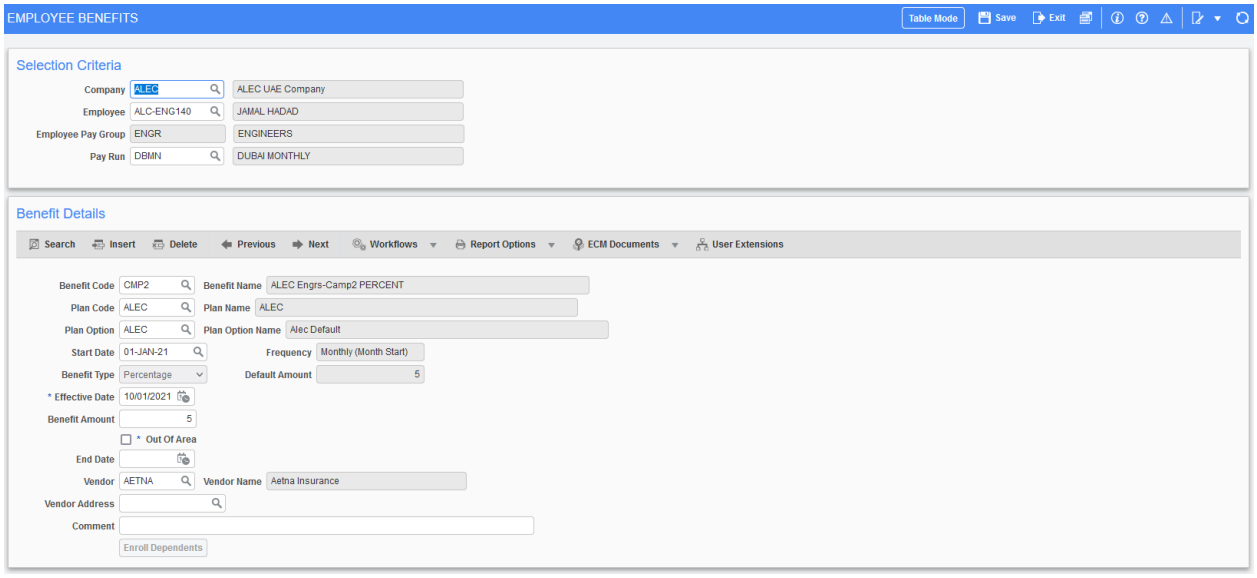
Employee
Job
Tax Element
Benefit
CMP2
ALEC Engrs-Camp2 PERCENT


EMPLOYEE BENEFITS
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Employee
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JAMAL HADAD
Employee Pay Group
ENGR
ENGINEERS
Pay Run
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DUBAI MONTHLY
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Insert
Delete
Previous
Next
Workflows
Report Options
ECM Documents
User Extensions
Benefit Code
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Benefit Name
ALEC Engrs-Camp2 PERCENT
Plan Code
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Plan Name
ALEC
Plan Option
ALEC
Plan Option Name
Alec Default
Start Date
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Frequency
Monthly (Month Start)
Benefit Type
Percentage
Default Amount
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* Effective Date
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Benefit Amount
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* Out Of Area
End Date
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Vendor Address
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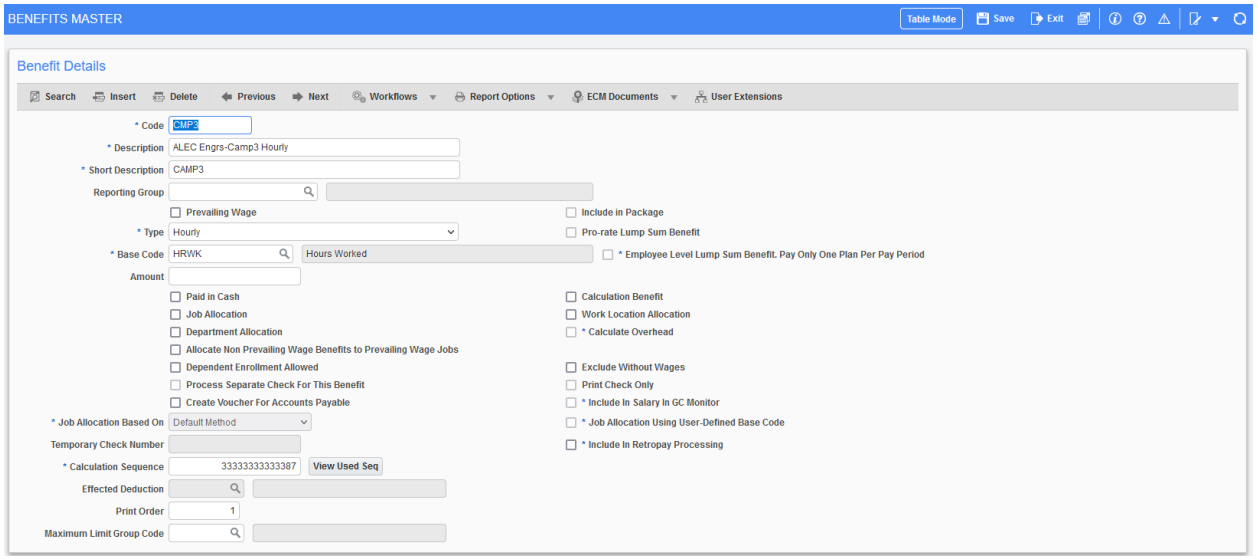
Enroll Dependents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Benefit Details
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Next
Workflows
Report Options
ECM Documents
User Extensions
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CMP3
* Description
ALEC Engrs-Camp3 Hourly
* Short Description
CAMP3
Reporting Group
Prevailing Wage
Include in Package
* Type
Hourly
Pro-rate Lump Sum Benefit
* Base Code
HRWK
Hours Worked
* Employee Level Lump Sum Benefit. Pay Only One Plan Per Pay Period
Amount
Paid in Cash
Calculation Benefit
Job Allocation
Work Location Allocation
Department Allocation
* Calculate Overhead
Allocate Non Prevailing Wage Benefits to Prevailing Wage Jobs
Dependent Enrollment Allowed
Exclude Without Wages
Process Separate Check For This Benefit
Print Check Only
Create Voucher For Accounts Payable
* Include In Salary In GC Monitor
* Job Allocation Based On
Default Method
* Job Allocation Using User-Defined Base Code
Temporary Check Number
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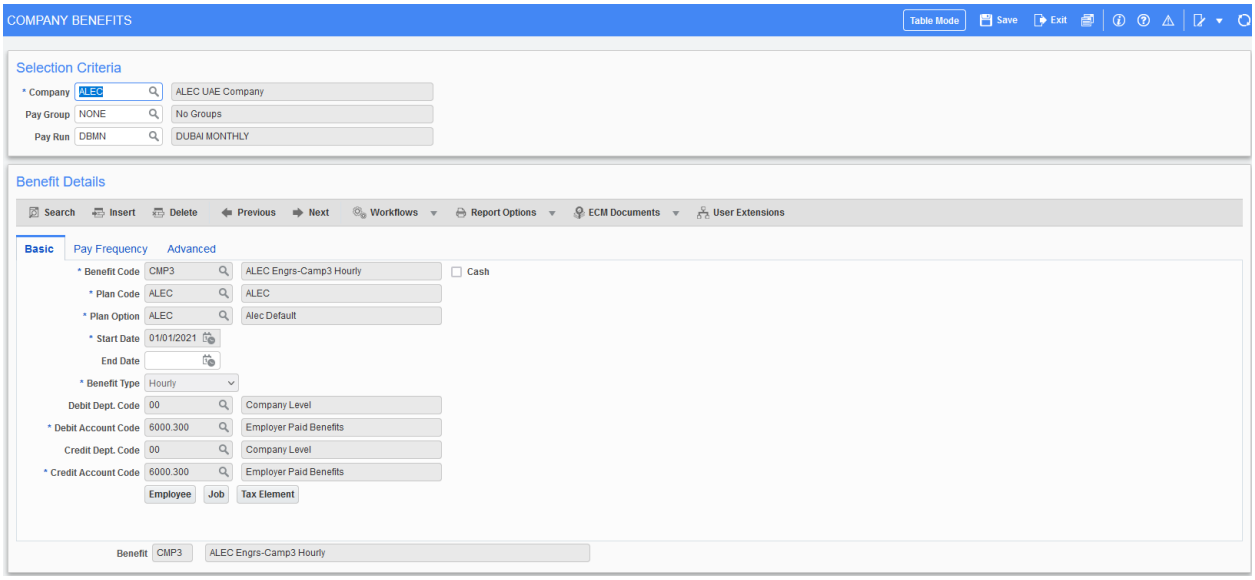
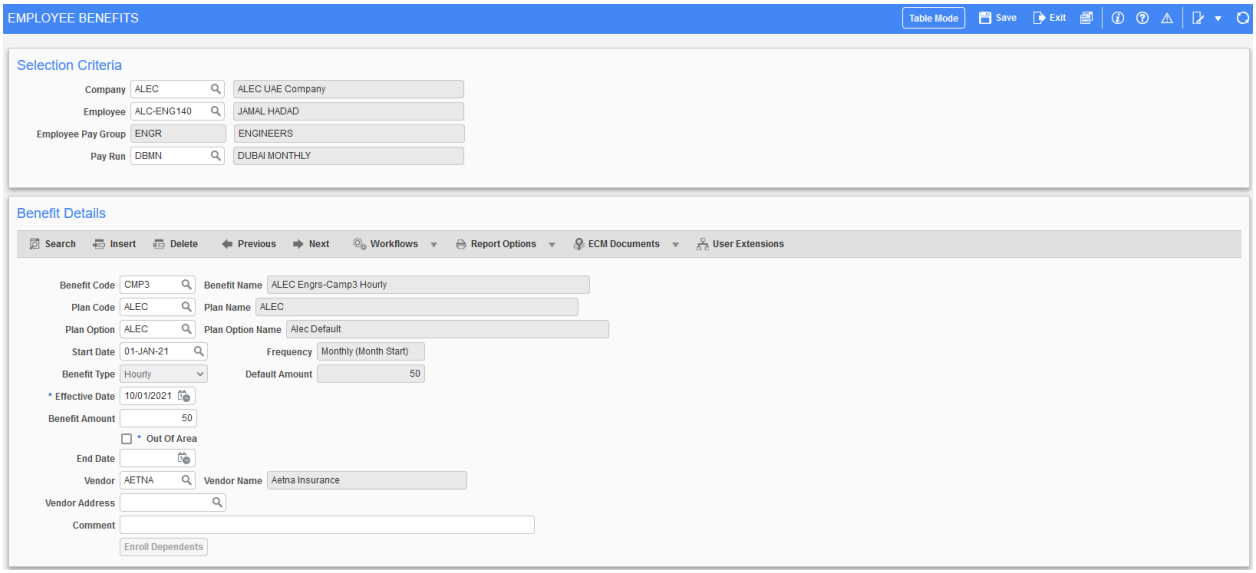
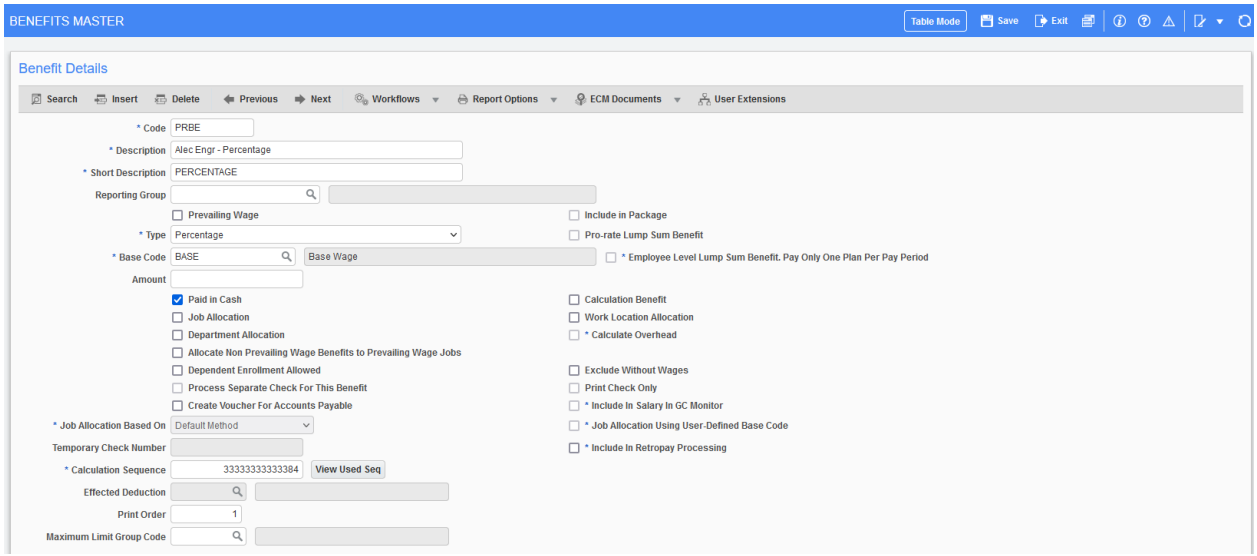
Effected Deduction
Print Order
1
Maximum Limit Group Code





Percentage cash benefit setup is shown below.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Benefit Details
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Report Options
ECM Documents
User Extensions
* Code
PRBE
* Description
Alec Engr - Percentage
* Short Description
PERCENTAGE
Reporting Group
Prevailing Wage
Include in Package
* Type
Percentage
Pro-rate Lump Sum Benefit
* Base Code
BASE
Base Wage
* Employee Level Lump Sum Benefit. Pay Only One Plan Per Pay Period
Amount
Paid in Cash
Calculation Benefit
Job Allocation
Work Location Allocation
Department Allocation
* Calculate Overhead
Allocate Non Prevailing Wage Benefits to Prevailing Wage Jobs
Dependent Enrollment Allowed
Exclude Without Wages
Process Separate Check For This Benefit
Print Check Only
Create Voucher For Accounts Payable
* Include In Salary In GC Monitor
* Job Allocation Based On
Default Method
* Job Allocation Using User-Defined Base Code
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Print Order
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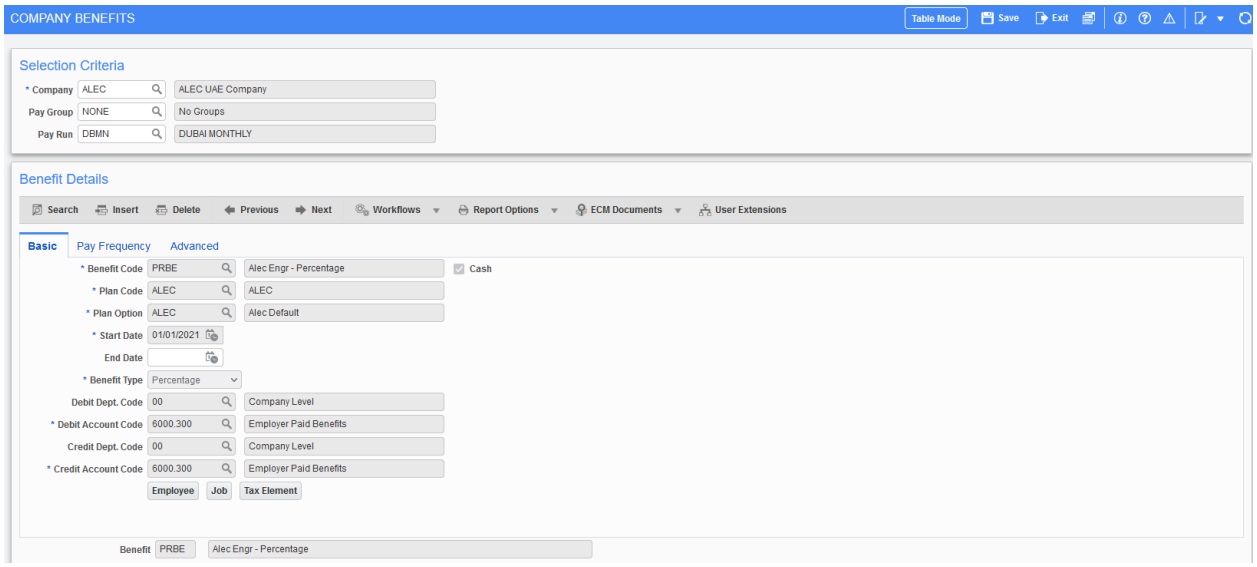
Maximum Limit Group Code


COMPANY BENEFITS
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Exit
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Pay Group
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No Groups
Pay Run
DBMN
DUBAI MONTHLY
Benefit Details
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Insert
Delete
Previous
Next
Workflows
Report Options
ECM Documents
User Extensions
Basic
Pay Frequency
Advanced
* Benefit Code
PRBE
Alec Engr - Percentage
Cash
* Plan Code
ALEC
ALEC
* Plan Option
ALEC
Alec Default
* Start Date
01/01/2021
End Date
* Benefit Type
Percentage
Debit Dept. Code
00
Company Level
* Debit Account Code
6000.300
Employer Paid Benefits
Credit Dept. Code
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Company Level
* Credit Account Code
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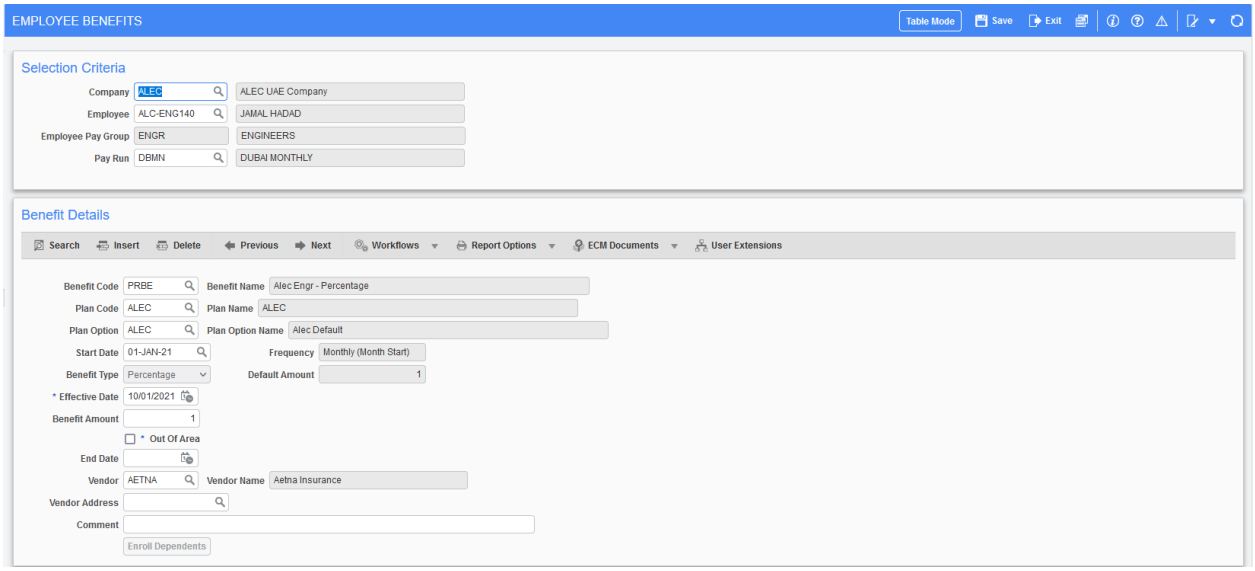
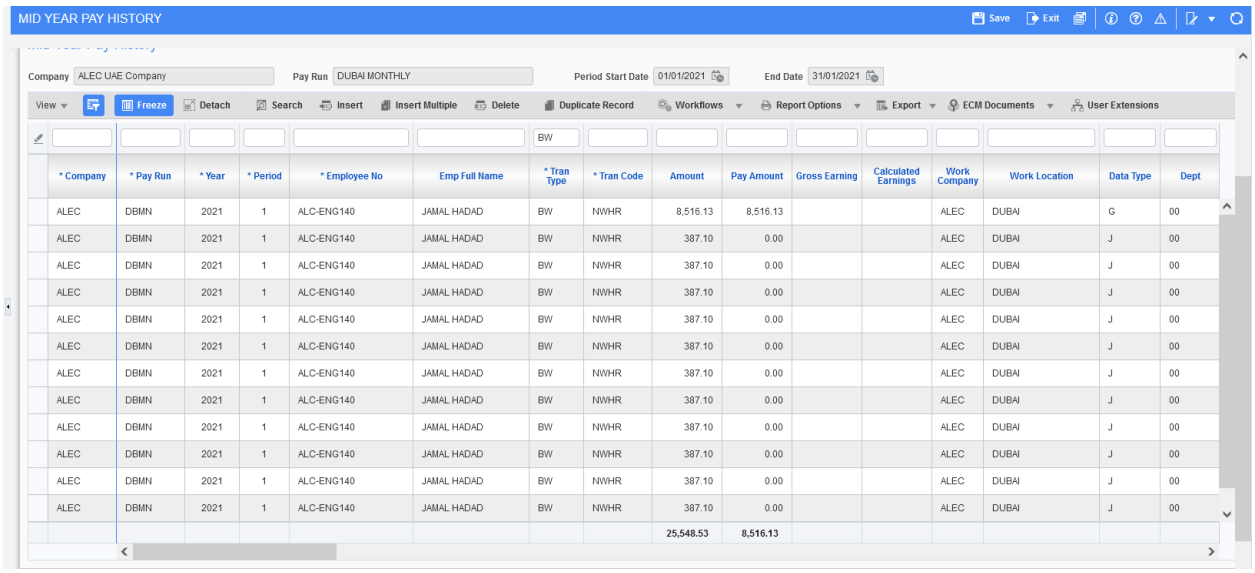
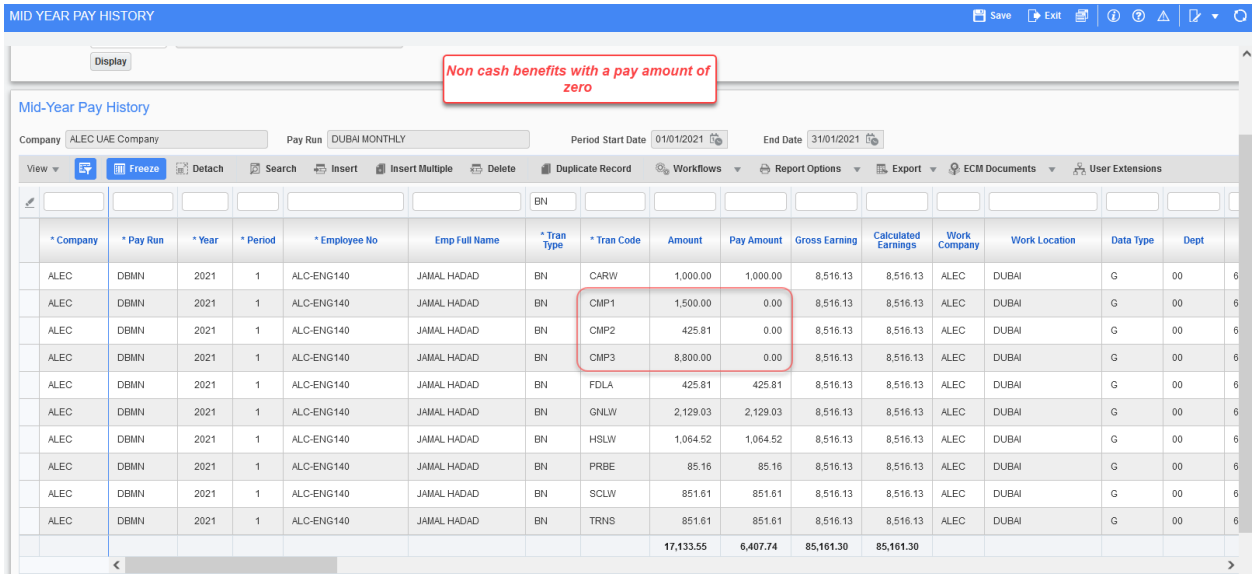
Employer Paid Benefits
Employee
Job
Tax Element
Benefit
PRBE
Alec Engr - Percentage

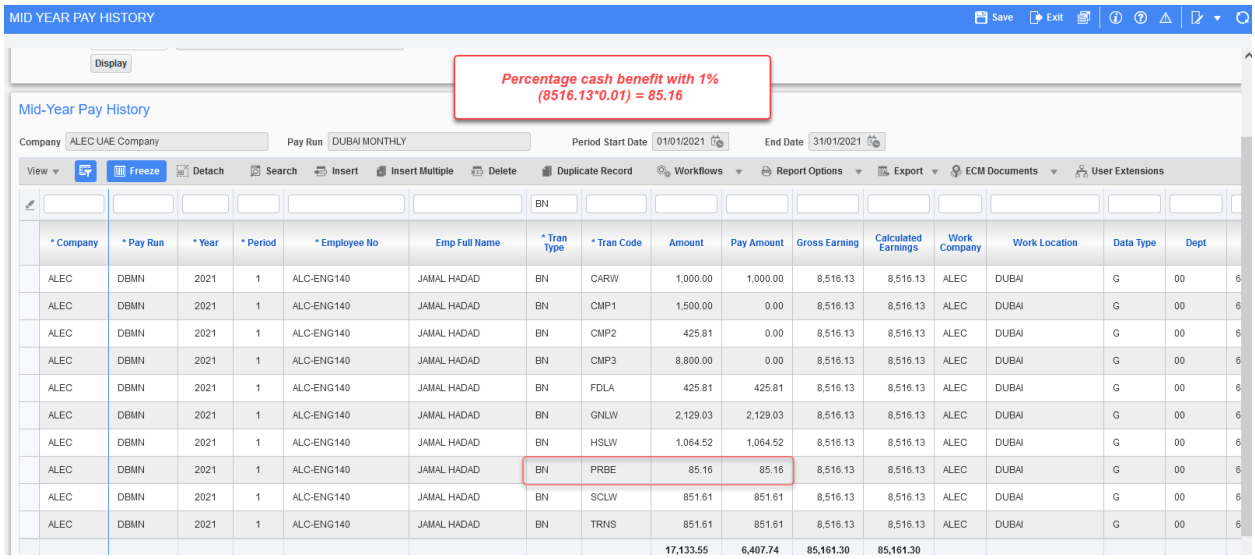


Base wage pro-rated for 22 days = 12000/31*22 = 8516.12



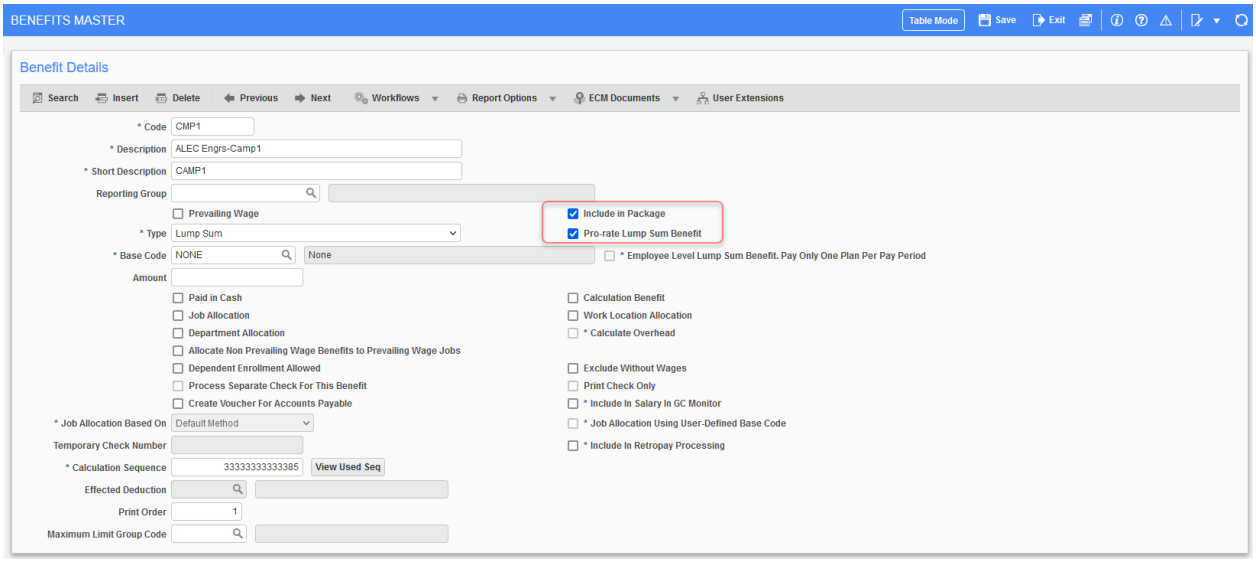
* Company	* Pay Run	* Year	* Period	* Employee No	Emp Full Name	* Tran Type	* Tran Code	Amount	Pay Amount	Gross Earning	Calculated Earnings	Work Company	Work Location	Data Type	Dept
ALEC	DBMN	2021	1	ALC-ENG140	JAMAL HADAD	BW	NWHR	8,516.13	8,516.13			ALEC	DUBAI	G	00
ALEC	DBMN	2021	1	ALC-ENG140	JAMAL HADAD	BW	NWHR	387.10	0.00			ALEC	DUBAI	J	00
ALEC	DBMN	2021	1	ALC-ENG140	JAMAL HADAD	BW	NWHR	387.10	0.00			ALEC	DUBAI	J	00
ALEC	DBMN	2021	1	ALC-ENG140	JAMAL HADAD	BW	NWHR	387.10	0.00			ALEC	DUBAI	J	00
ALEC	DBMN	2021	1	ALC-ENG140	JAMAL HADAD	BW	NWHR	387.10	0.00			ALEC	DUBAI	J	00
ALEC	DBMN	2021	1	ALC-ENG140	JAMAL HADAD	BW	NWHR	387.10	0.00			ALEC	DUBAI	J	00
ALEC	DBMN	2021	1	ALC-ENG140	JAMAL HADAD	BW	NWHR	387.10	0.00			ALEC	DUBAI	J	00
ALEC	DBMN	2021	1	ALC-ENG140	JAMAL HADAD	BW	NWHR	387.10	0.00			ALEC	DUBAI	J	00
ALEC	DBMN	2021	1	ALC-ENG140	JAMAL HADAD	BW	NWHR	387.10	0.00			ALEC	DUBAI	J	00
ALEC	DBMN	2021	1	ALC-ENG140	JAMAL HADAD	BW	NWHR	387.10	0.00			ALEC	DUBAI	J	00
ALEC	DBMN	2021	1	ALC-ENG140	JAMAL HADAD	BW	NWHR	387.10	0.00			ALEC	DUBAI	J	00
ALEC	DBMN	2021	1	ALC-ENG140	JAMAL HADAD	BW	NWHR	387.10	0.00			ALEC	DUBAI	J	00
								25,548.53	8,516.13						

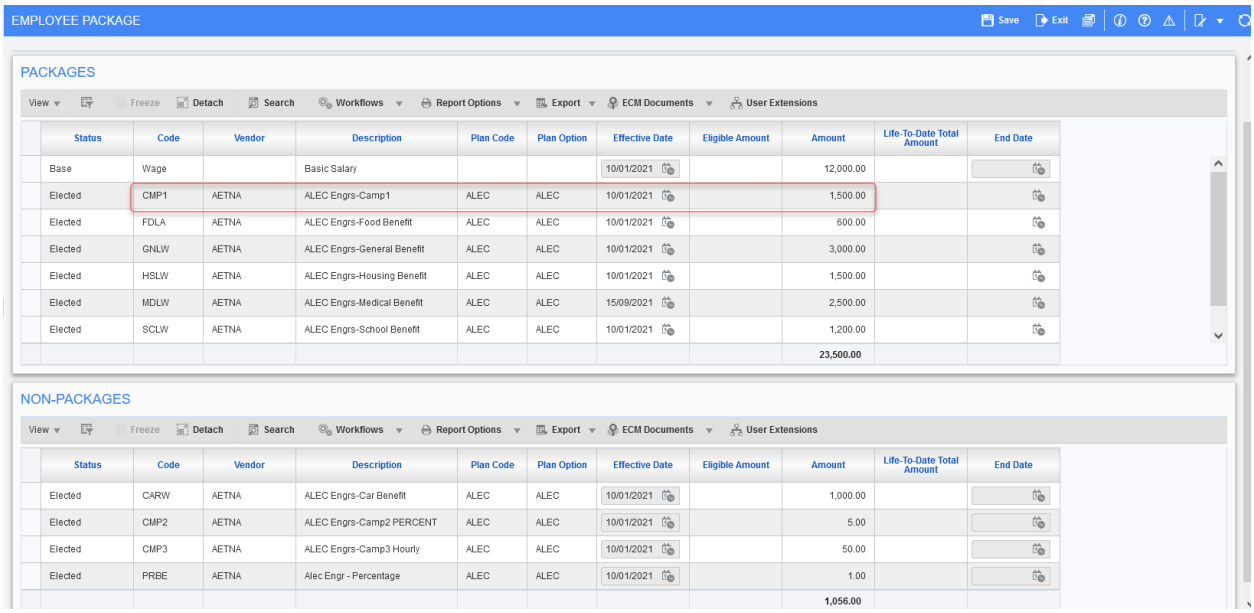




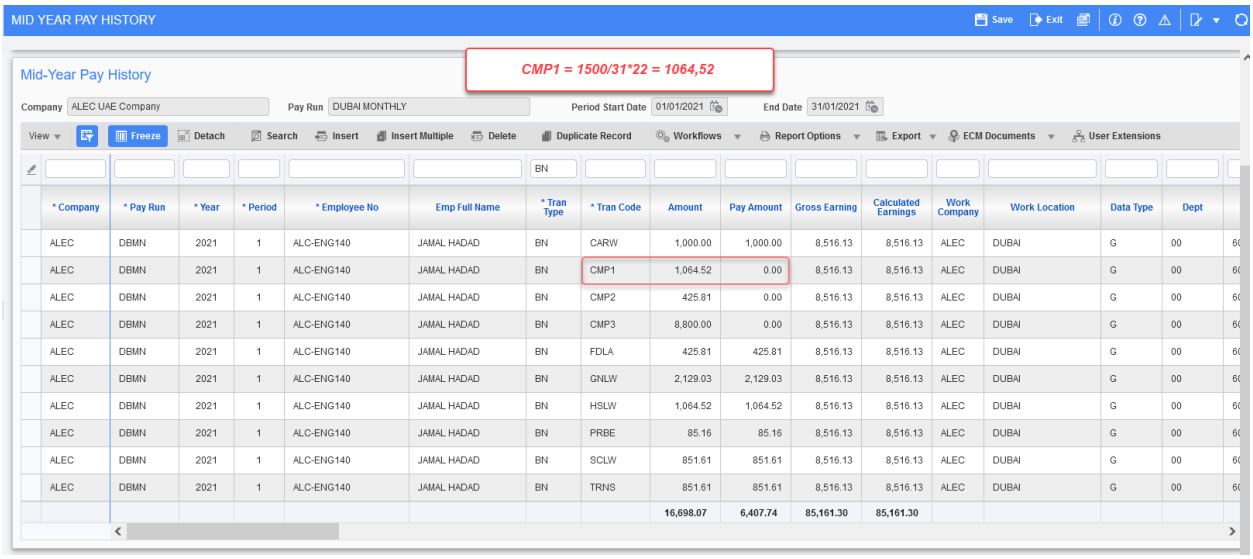
Another example with pro-ration of a benefit for an employee hired mid period with a non-cash benefit.

Hired employee 10/Jan/2022 elected a non-cash benefit of CMP1 that is part of the package and with pro-ration box checked.





After processing payroll to ensure that the benefit pro-rated. The CMP1 benefit was pro-rated for 22 working days starting 10th of Jan until the 31st of Jan.



PYC – QC Group Insurance Maintenance (21.49034/18.64007)

WORK DESCRIPTION:

Ability to change the Employer Contribution based on the Work province of the employee under the QA Group Insurance Maintenance screen. The Company will continue the pay the 70% of the insurance prime in province of Quebec but needs to pay the insurance prime at 100% outside province of Quebec (QC).

PROGRAM MODIFICATIONS:

Province Override Tab:

CMiC has modified the Quebec Insurance Group Maintenance Screen by adding a new tab called the "**Province Override**". Province and Employer Contr. Percentage columns will be displayed on the screen. User will be able to enter alternate percentage values for other provinces against the Company and Group Code selected on the main screen. No changes will be done under Group Item/Deduction Codes block.

The existing column "Employer Contr. Percent" on the main screen will be considered as a Quebec Percentage, whereas for the other Provinces user will be able to enter different percentages under this new Override Popup screen. If the Override values are available for the work province of the employee, then system will take that percentage, otherwise system will take percentage from the main screen as per current functionality.

Pre-Requisites

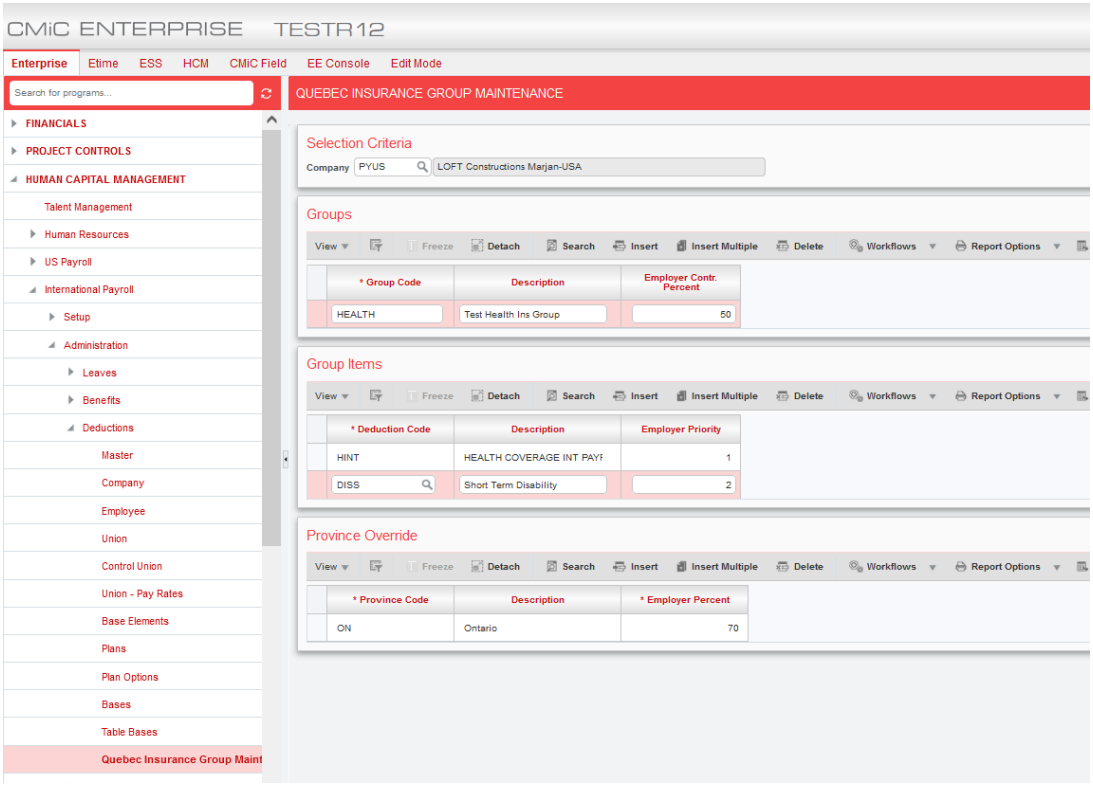
Insurance Benefit Setup – Deduction Codes in CMiC System

The employer contribution of the deductions in the insurance group can be determined with the ability to group a set of related deductions into an insurance group. The user can specify the employer contribution for the group expressed as a percentage, specify the priority order when allocating the employer portion, and specify if each deduction in the group is subject to employer contribution. The amount paid by the employee is not tax deductible, but the amount paid by the employer can be subject to tax.

An Insurance Group can be set up in the Administration -> Deductions -> Quebec Insurance Group screen. The employer maximum contribution is specified as a percentage of the total employee

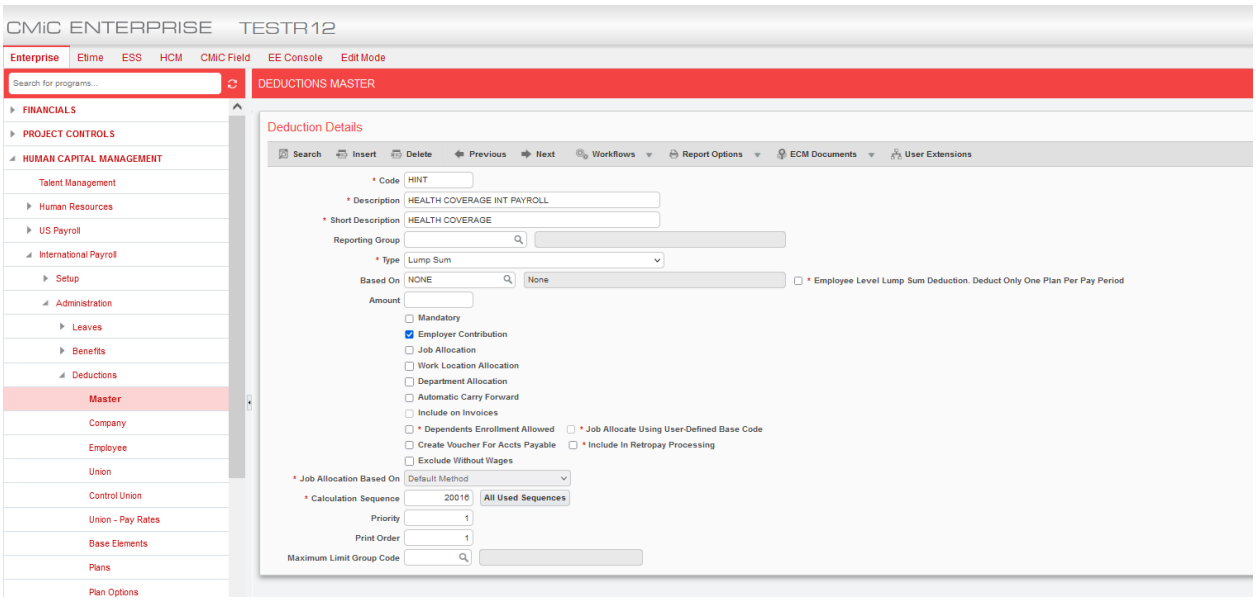
insurance premium. The deductions in the group are assigned a priority to specify the order in which the deductions will be distributed, allocating as much as it can to each until the maximum is reached or there are no more deductions.

Added a new entry of employer contribution percentage override by work province.



The deductions are set up at the Master, Company and Employee level if necessary. The Employer Contribution flag at the Master Level will indicate if the deduction has an employer contribution or if the deduction is only paid by the employee.

Deduction HLTH Setup:


CMiC ENTERPRISE TESTR12
Enterprise
Etime
ESS
HCM
CMiC Field
EE Console
Edit Mode
Search for programs...
DEDUCTIONS MASTER
FINANCIALS
PROJECT CONTROLS
HUMAN CAPITAL MANAGEMENT
Talent Management
Human Resources
US Payroll
International Payroll
Setup
Administration
Leaves
Benefits
Deductions
Master
Company
Employee
Union
Control Union
Union - Pay Rates
Base Elements
Plans
Plan Options
Deduction Details
Search
Insert
Delete
Previous
Next
Workflows
Report Options
ECM Documents
User Extensions
* Code
HINT
* Description
HEALTH COVERAGE INT PAYROLL
* Short Description
HEALTH COVERAGE
Reporting Group
* Type
Lump Sum
Based On
NONE
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* Employee Level Lump Sum Deduction. Deduct Only One Plan Per Pay Period
Amount
Mandatory
Employer Contribution
Job Allocation
Work Location Allocation
Department Allocation
Automatic Carry Forward
Include on Invoices
* Dependents Enrollment Allowed
* Job Allocate Using User-Defined Base Code
Create Voucher For Accts Payable
* Include In Retropay Processing
Exclude Without Wages
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Default Method
* Calculation Sequence
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All Used Sequences
Priority
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Print Order
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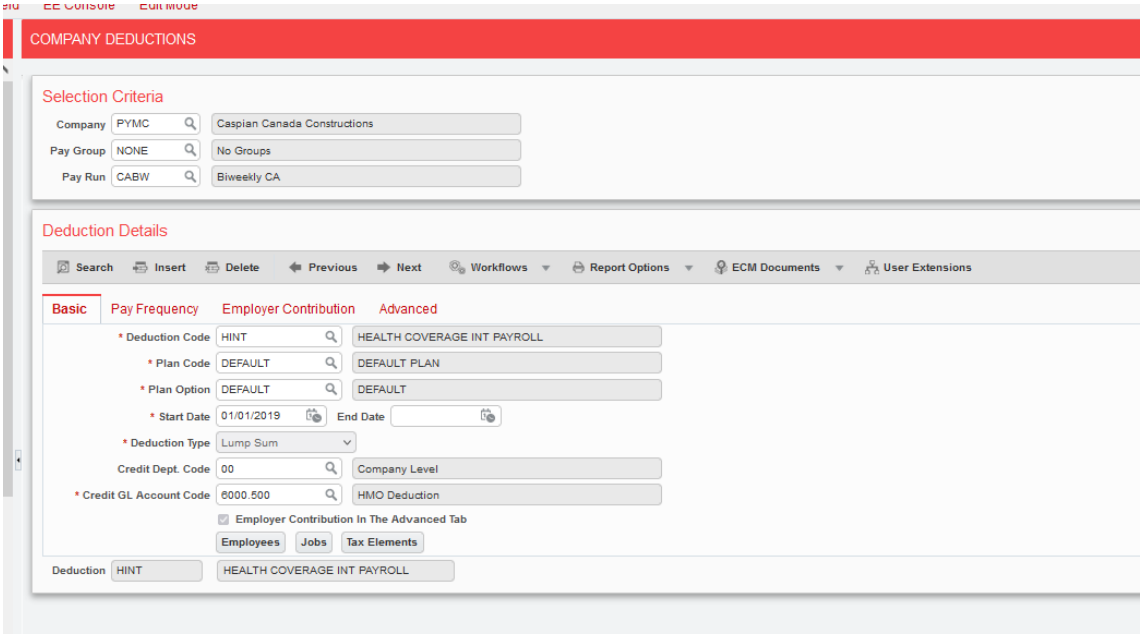
Maximum Limit Group Code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Caspian Canada Constructions
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Pay Run
CABW
Biweekly CA
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Next
Workflows
Report Options
ECM Documents
User Extensions
Basic
Pay Frequency
Employer Contribution
Advanced
* Deduction Code
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HEALTH COVERAGE INT PAYROLL
* Plan Code
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DEFAULT PLAN
* Plan Option
DEFAULT
DEFAULT
* Start Date
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End Date
* Deduction Type
Lump Sum
Credit Dept. Code
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Company Level
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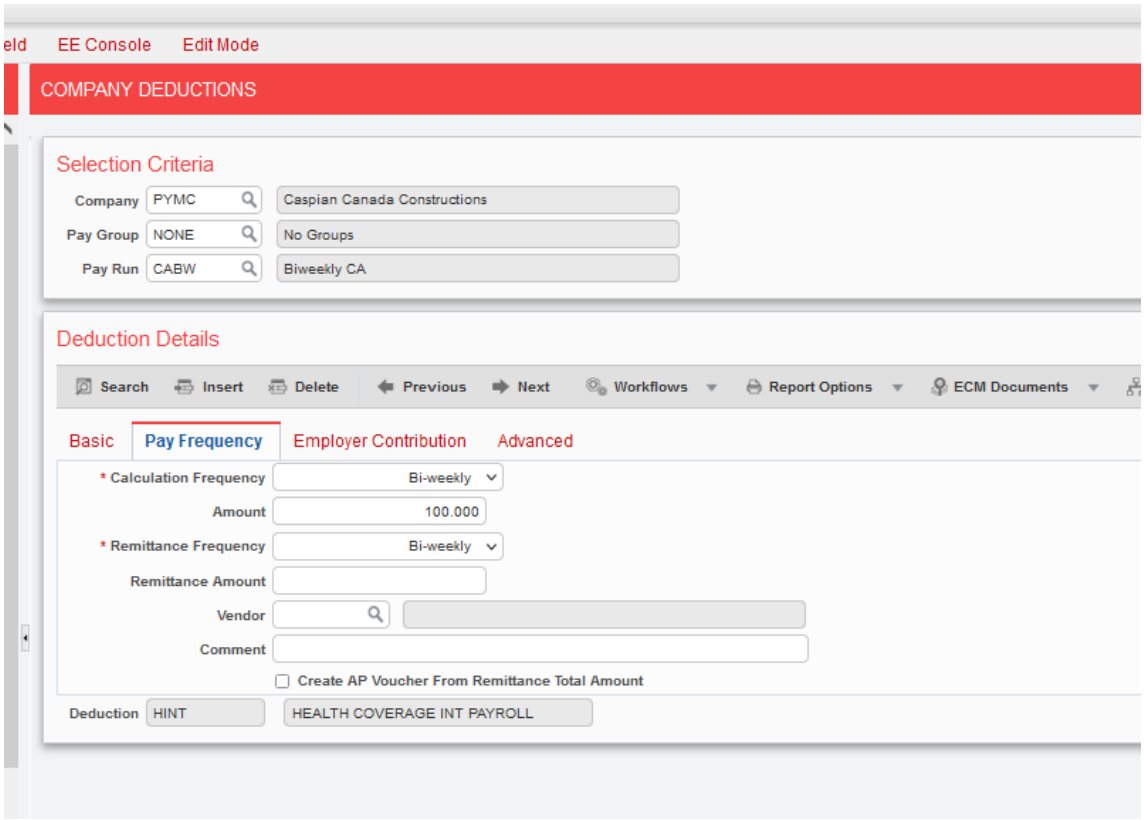
Employer Contribution In The Advanced Tab
Employees
Jobs
Tax Elements
Deduction
HINT
HEALTH COVERAGE INT PAYROLL


eld
EE Console
Edit Mode
COMPANY DEDUCTIONS
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Company
PYMC
Caspian Canada Constructions
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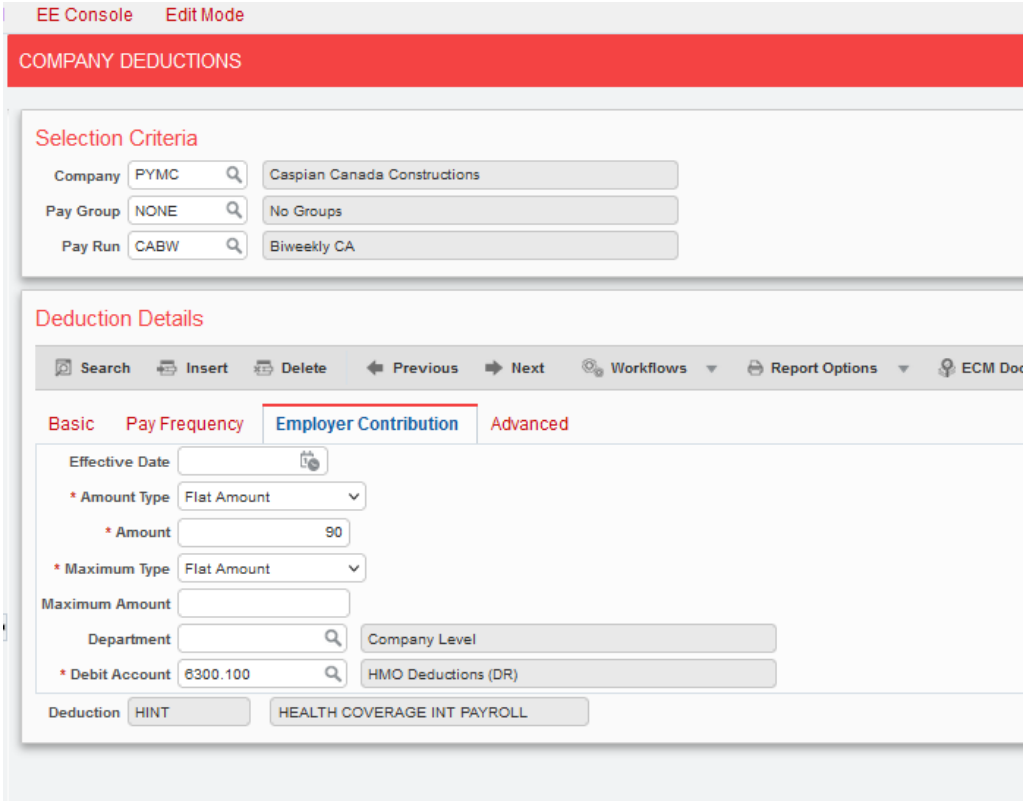
No Groups
Pay Run
CABW
Biweekly CA
Deduction Details
Search
Insert
Delete
Previous
Next
Workflows
Report Options
ECM Documents
Basic
Pay Frequency
Employer Contribution
Advanced
* Calculation Frequency
Bi-weekly
Amount
100.000
* Remittance Frequency
Bi-weekly
Remittance Amount
Vendor
Comment
Create AP Voucher From Remittance Total Amount
Deduction
HINT
HEALTH COVERAGE INT PAYROLL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Caspian Canada Constructions
Pay Group
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No Groups
Pay Run
CABW
Biweekly CA
Deduction Details
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Insert
Delete
Previous
Next
Workflows
Report Options
ECM Doc
Basic
Pay Frequency
Employer Contribution
Advanced
Effective Date
* Amount Type
Flat Amount
* Amount
90
* Maximum Type
Flat Amount
Maximum Amount
Department
Company Level
* Debit Account
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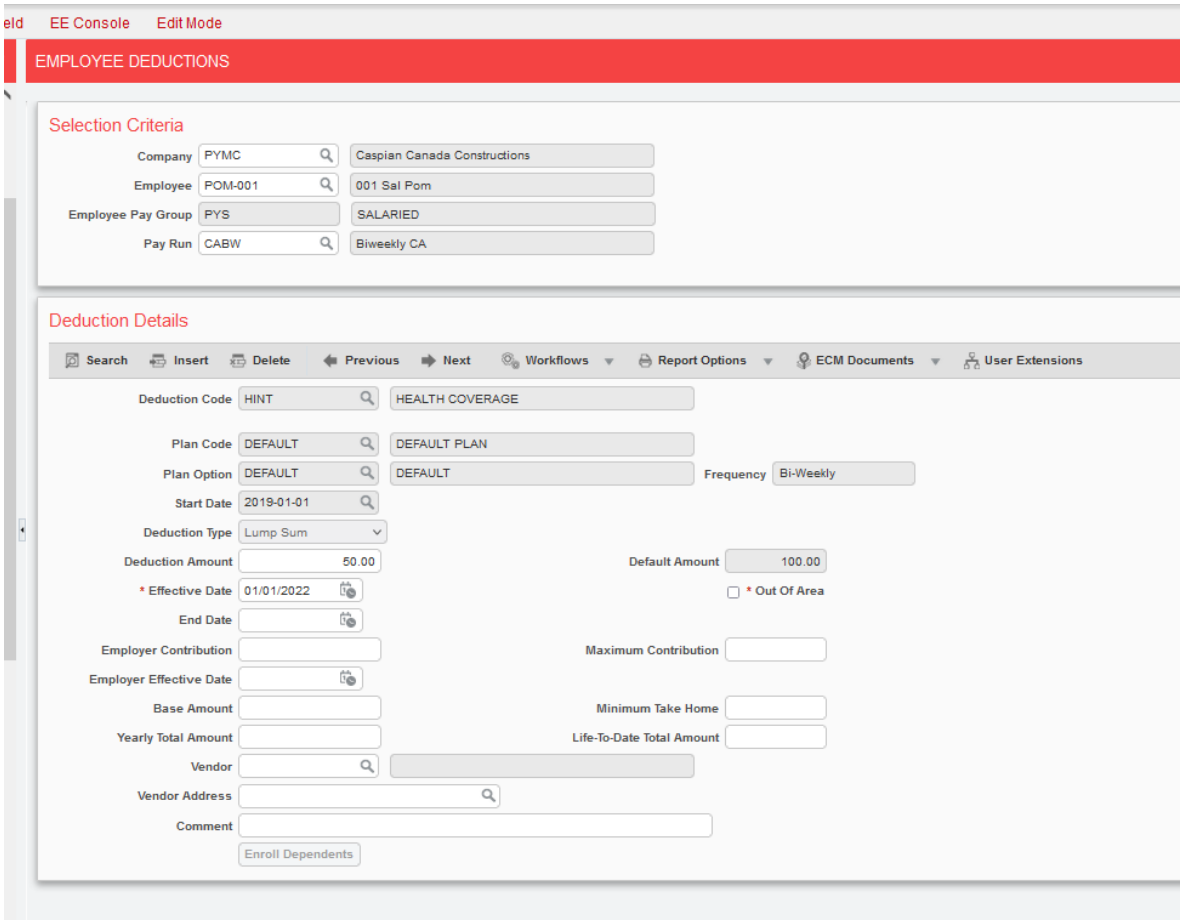
Deduction
HINT
HEALTH COVERAGE INT PAYROLL


eld
EE Console
Edit Mode
EMPLOYEE DEDUCTIONS
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Company
PYMC
Caspian Canada Constructions
Employee
POM-001
001 Sal Pom
Employee Pay Group
PYS
SALARIED
Pay Run
CABW
Biweekly CA
Deduction Details
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Insert
Delete
Previous
Next
Workflows
Report Options
ECM Documents
User Extensions
Deduction Code
HINT
HEALTH COVERAGE
Plan Code
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DEFAULT PLAN
Plan Option
DEFAULT
DEFAULT
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Start Date
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Deduction Type
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Deduction Amount
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Default Amount
100.00
* Effective Date
01/01/2022
* Out Of Area
End Date
Employer Contribution
Maximum Contribution
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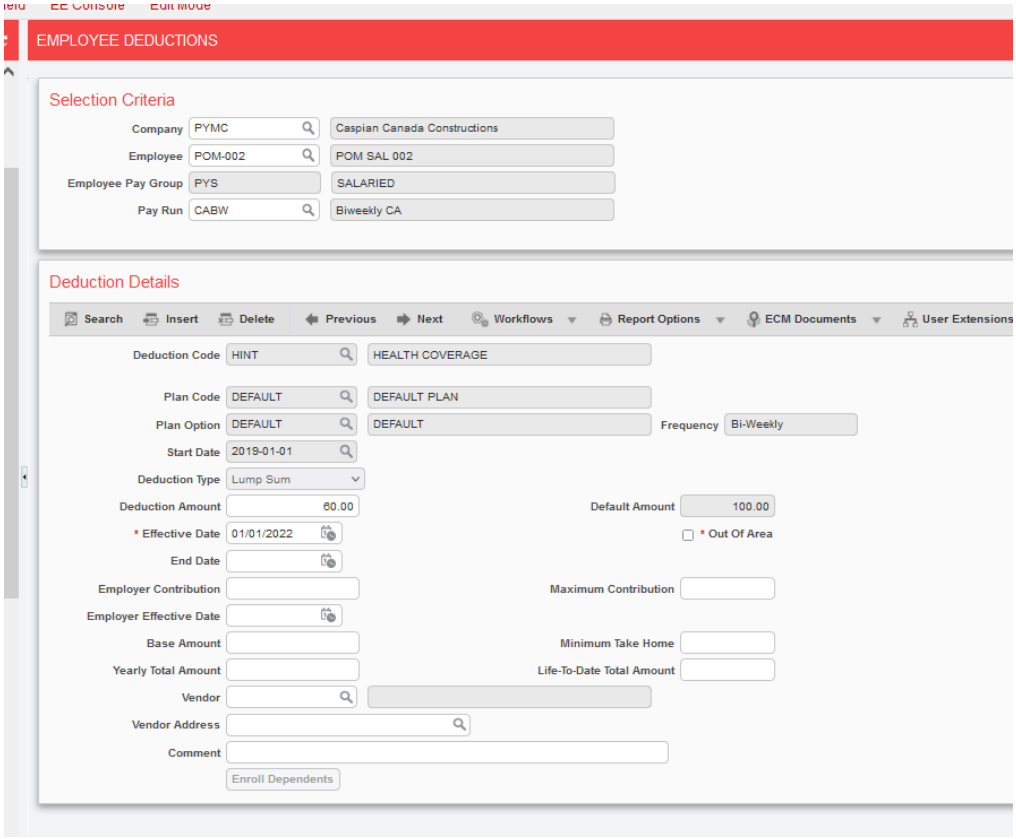
Base Amount
Minimum Take Home
Yearly Total Amount
Life-To-Date Total Amount
Vendor
Vendor Address
Comment
Enroll Dependents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Caspian Canada Constructions
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POM SAL 002
Employee Pay Group
PYS
SALARIED
Pay Run
CABW
Biweekly CA
Deduction Details
Search
Insert
Delete
Previous
Next
Workflows
Report Options
ECM Documents
User Extensions
Deduction Code
HINT
HEALTH COVERAGE
Plan Code
DEFAULT
DEFAULT PLAN
Plan Option
DEFAULT
DEFAULT
Frequency
Bi-Weekly
Start Date
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Deduction Type
Lump Sum
Deduction Amount
60.00
Default Amount
100.00
* Effective Date
01/01/2022
* Out Of Area
End Date
Employer Contribution
Maximum Contribution
Employer Effective Date
Base Amount
Minimum Take Home
Yearly Total Amount
Life-To-Date Total Amount
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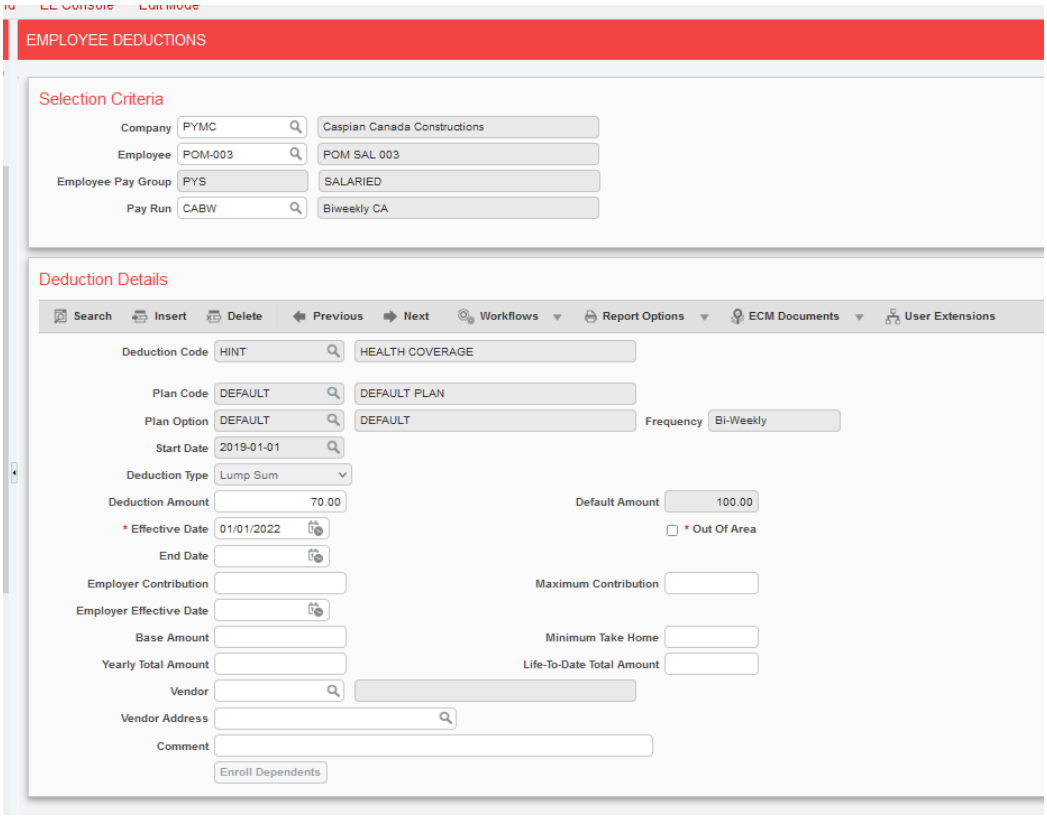
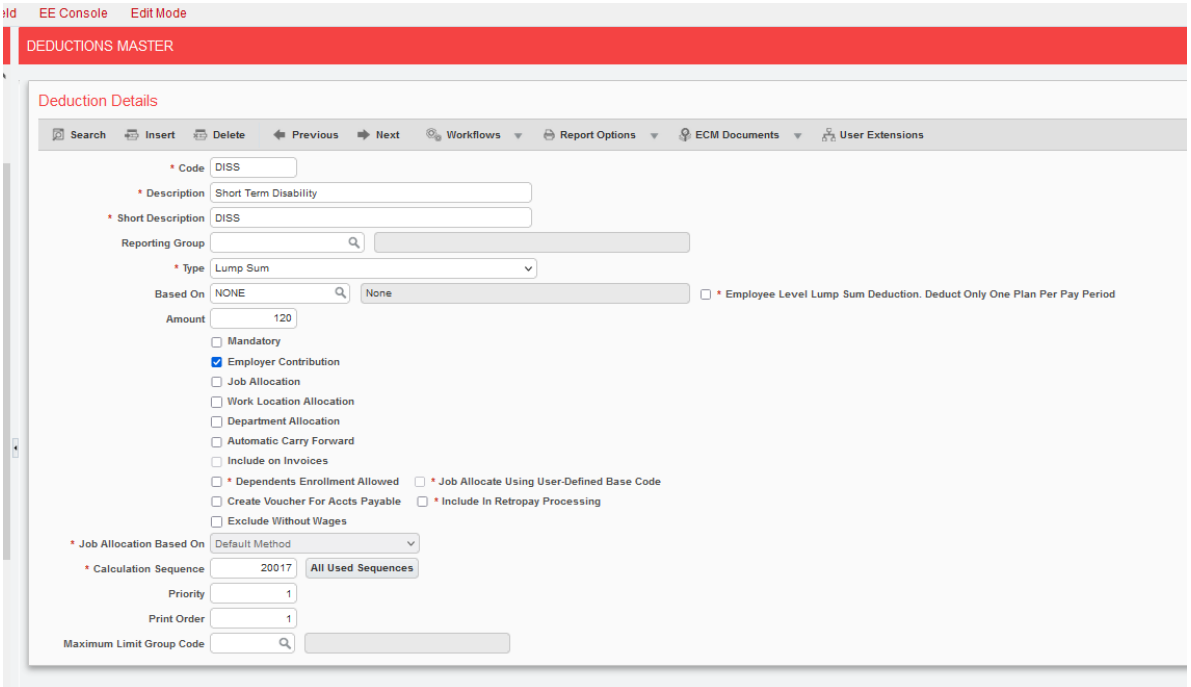
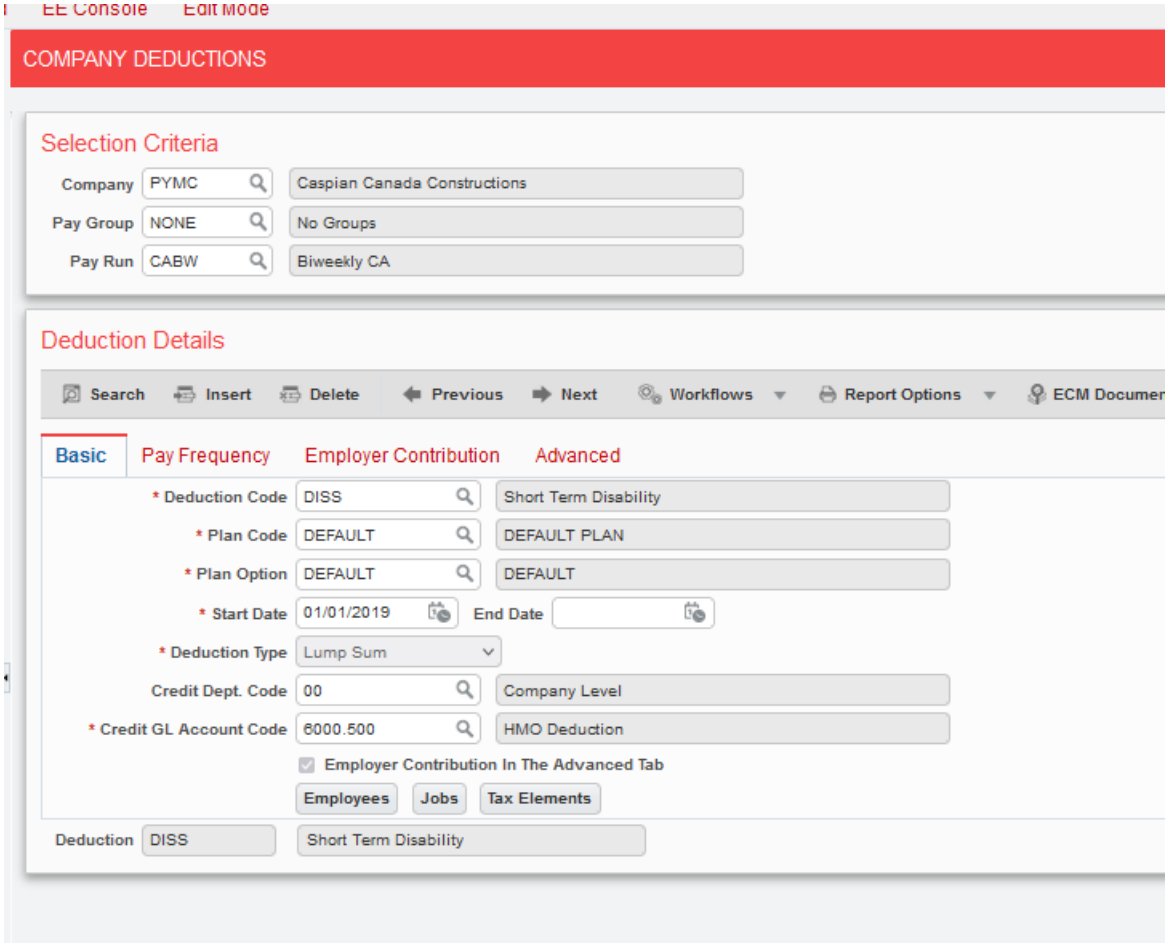
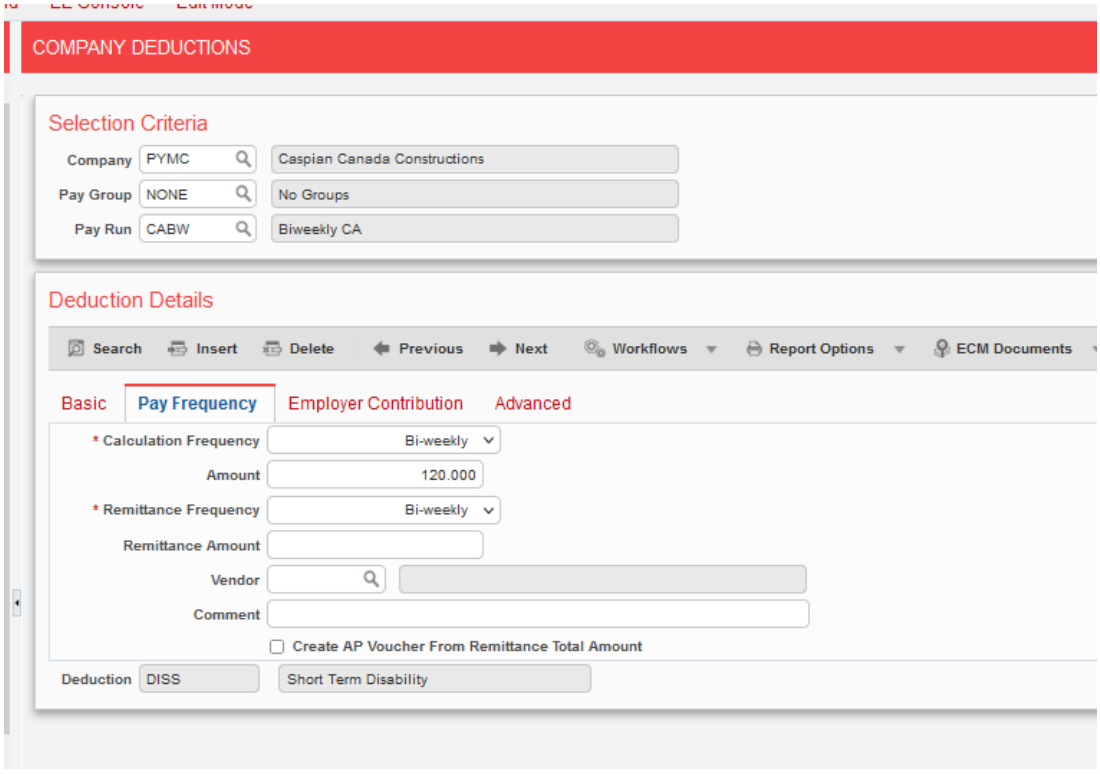
Vendor Address
Comment
Enroll Dependents

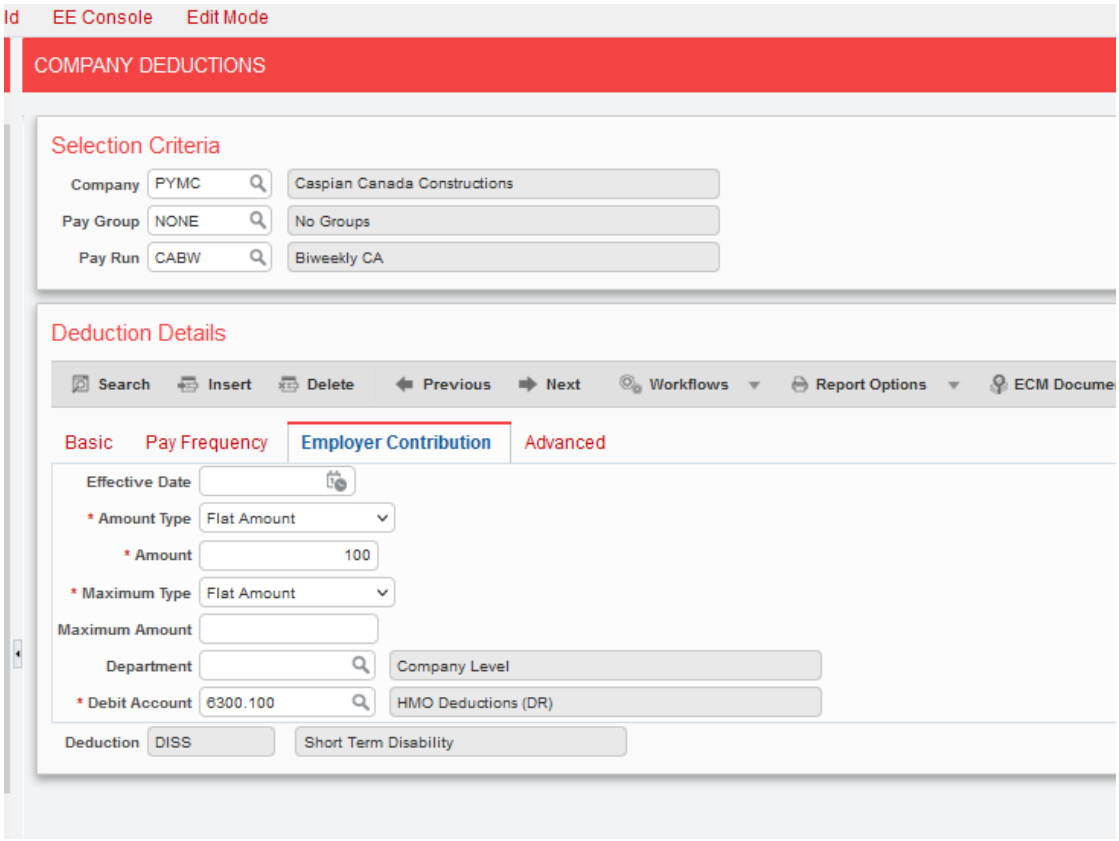


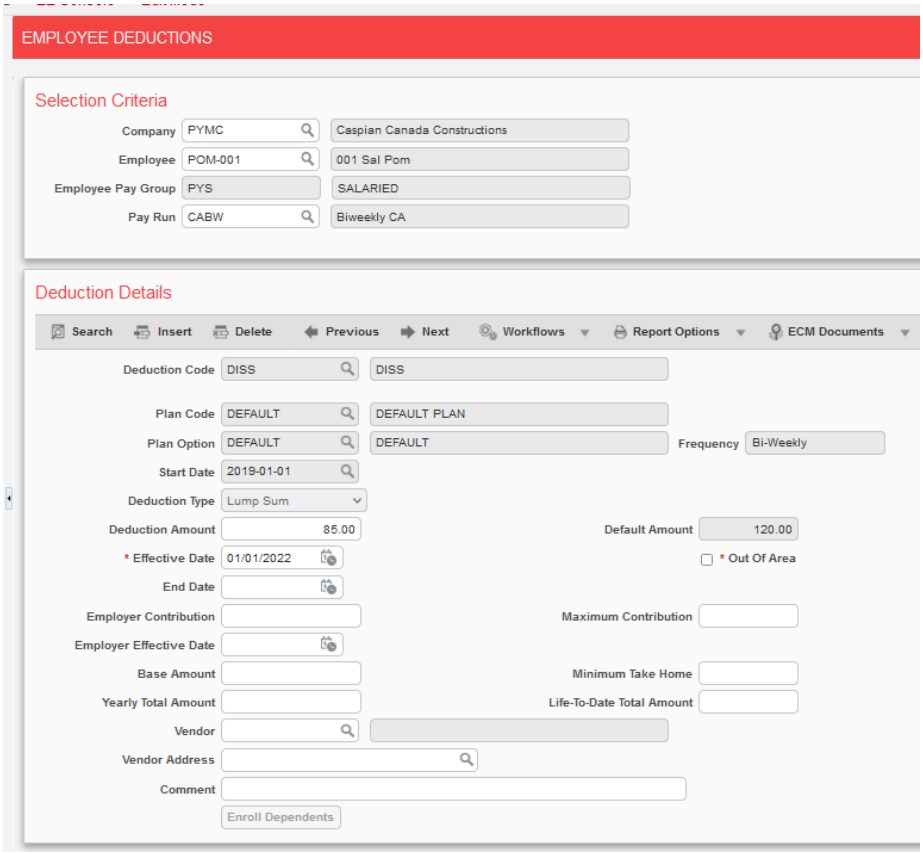
Deduction DISS Setup:

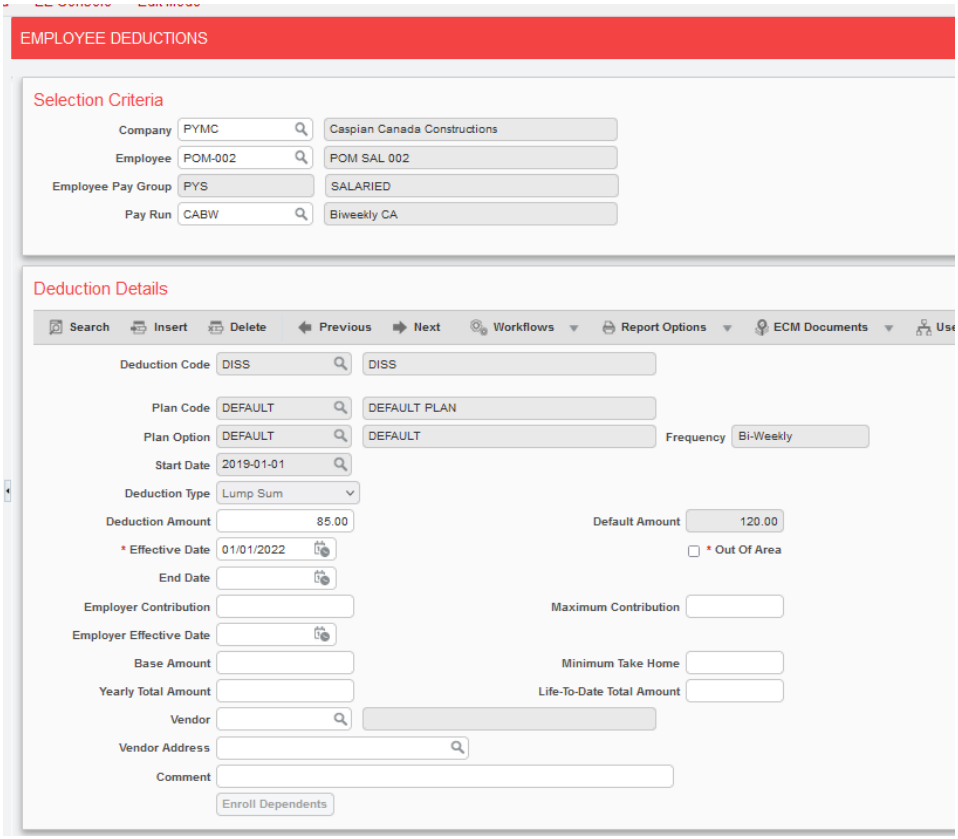


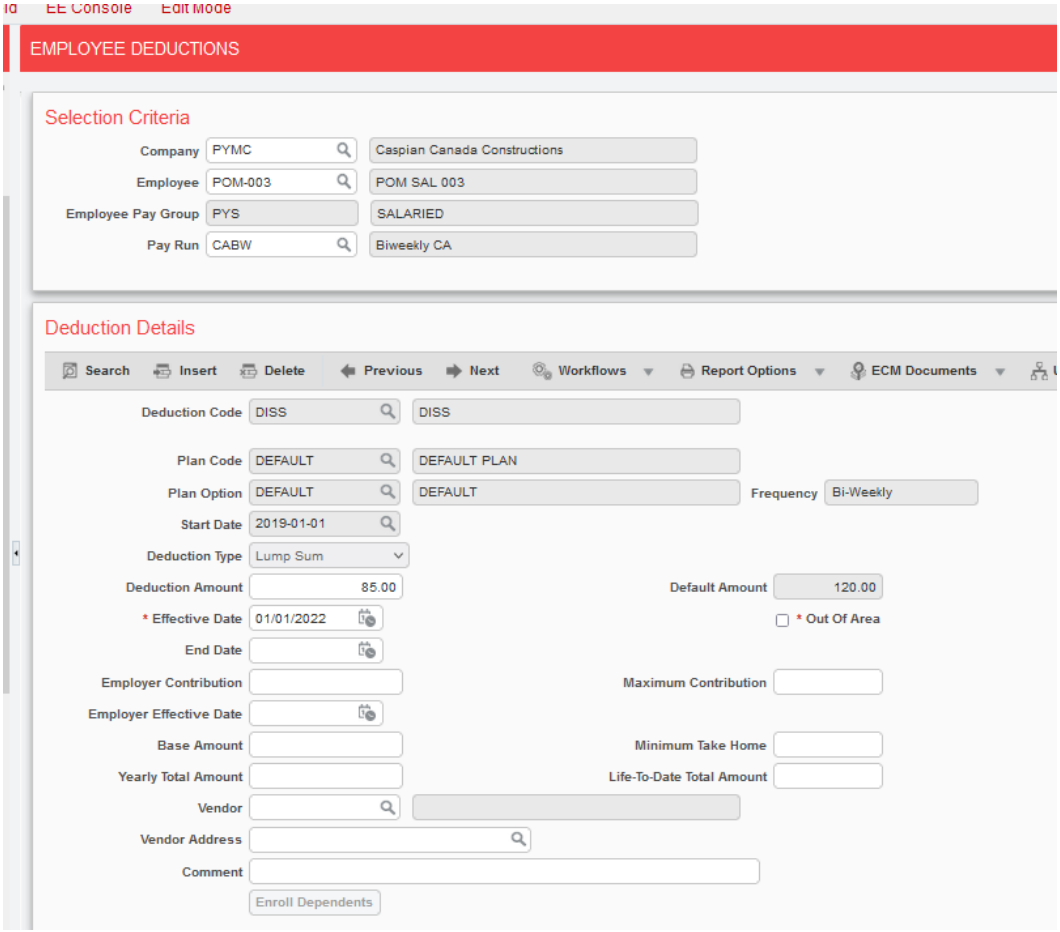

EE Console
Edit Mode
COMPANY DEDUCTIONS
Selection Criteria
Company
PYMC
Caspian Canada Constructions
Pay Group
NONE
No Groups
Pay Run
CABW
Biweekly CA
Deduction Details
Search
Insert
Delete
Previous
Next
Workflows
Report Options
ECM Documer
Basic
Pay Frequency
Employer Contribution
Advanced
* Deduction Code
DISS
Short Term Disability
* Plan Code
DEFAULT
DEFAULT PLAN
* Plan Option
DEFAULT
DEFAULT
* Start Date
01/01/2019
End Date
* Deduction Type
Lump Sum
Credit Dept. Code
00
Company Level
* Credit GL Account Code
6000.500
HMO Deduction
Employer Contribution In The Advanced Tab
Employees
Jobs
Tax Elements
Deduction
DISS
Short Term Disability


COMPANY DEDUCTIONS
Selection Criteria
Company PYMC Caspian Canada Constructions
Pay Group NONE No Groups
Pay Run CABW Biweekly CA
Deduction Details
Search Insert Delete Previous Next Workflows Report Options ECM Documents
Basic Pay Frequency Employer Contribution Advanced
* Calculation Frequency Bi-weekly
Amount 120.000
* Remittance Frequency Bi-weekly
Remittance Amount
Vendor
Comment
Create AP Voucher From Remittance Total Amount
Deduction DISS Short Term Disability

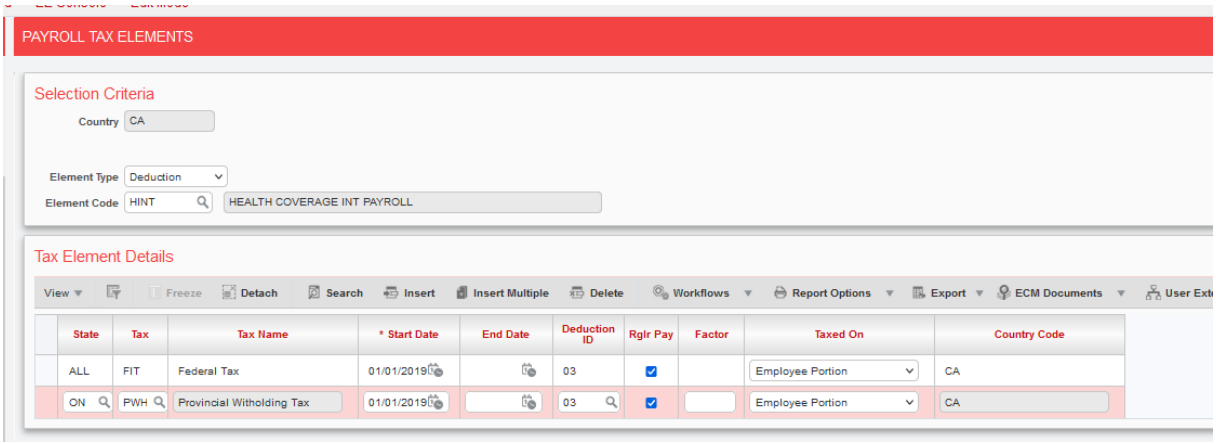

Id EE Console Edit Mode
COMPANY DEDUCTIONS
Selection Criteria
Company PYMC Caspian Canada Constructions
Pay Group NONE No Groups
Pay Run CABW Biweekly CA
Deduction Details
Search Insert Delete Previous Next Workflows Report Options ECM Docume
Basic Pay Frequency Employer Contribution Advanced
Effective Date
* Amount Type Flat Amount
* Amount 100
* Maximum Type Flat Amount
Maximum Amount
Department Company Level
* Debit Account 6300.100 HMO Deductions (DR)
Deduction DISS Short Term Disability


EMPLOYEE DEDUCTIONS
Selection Criteria
Company PYMC Caspian Canada Constructions
Employee POM-001 001 Sal Pom
Employee Pay Group PYS SALARIED
Pay Run CABW Biweekly CA
Deduction Details
Search Insert Delete Previous Next Workflows Report Options ECM Documents
Deduction Code DISS DISS
Plan Code DEFAULT DEFAULT PLAN
Plan Option DEFAULT DEFAULT Frequency Bi-Weekly
Start Date 2019-01-01
Deduction Type Lump Sum
Deduction Amount 85.00 Default Amount 120.00
* Effective Date 01/01/2022 * Out Of Area
End Date
Employer Contribution Maximum Contribution
Employer Effective Date
Base Amount Minimum Take Home
Yearly Total Amount Life-To-Date Total Amount
Vendor
Vendor Address
Comment
Enroll Dependents


EMPLOYEE DEDUCTIONS
Selection Criteria
Company PYMC Caspian Canada Constructions
Employee POM-002 POM SAL 002
Employee Pay Group PYS SALARIED
Pay Run CABW Biweekly CA
Deduction Details
Search Insert Delete Previous Next Workflows Report Options ECM Documents
Deduction Code DISS DISS
Plan Code DEFAULT DEFAULT PLAN
Plan Option DEFAULT DEFAULT Frequency Bi-Weekly
Start Date 2019-01-01
Deduction Type Lump Sum
Deduction Amount 85.00 Default Amount 120.00
* Effective Date 01/01/2022 * Out Of Area
End Date
Employer Contribution Maximum Contribution
Employer Effective Date
Base Amount Minimum Take Home
Yearly Total Amount Life-To-Date Total Amount
Vendor
Vendor Address
Comment
Enroll Dependents

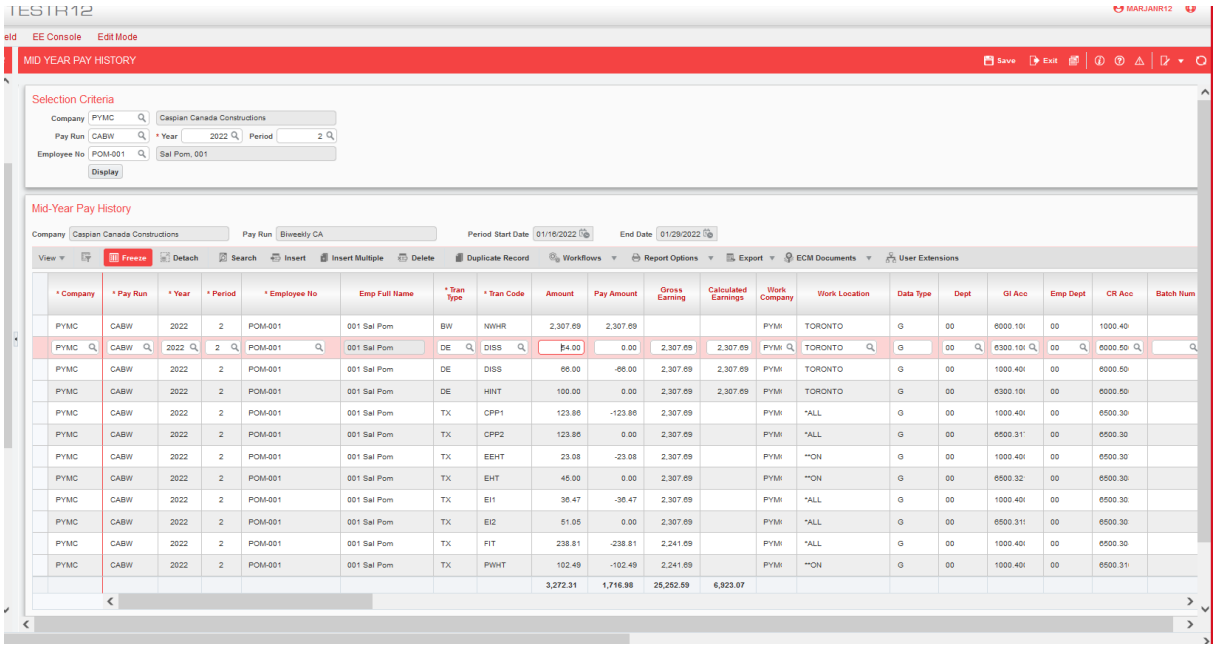


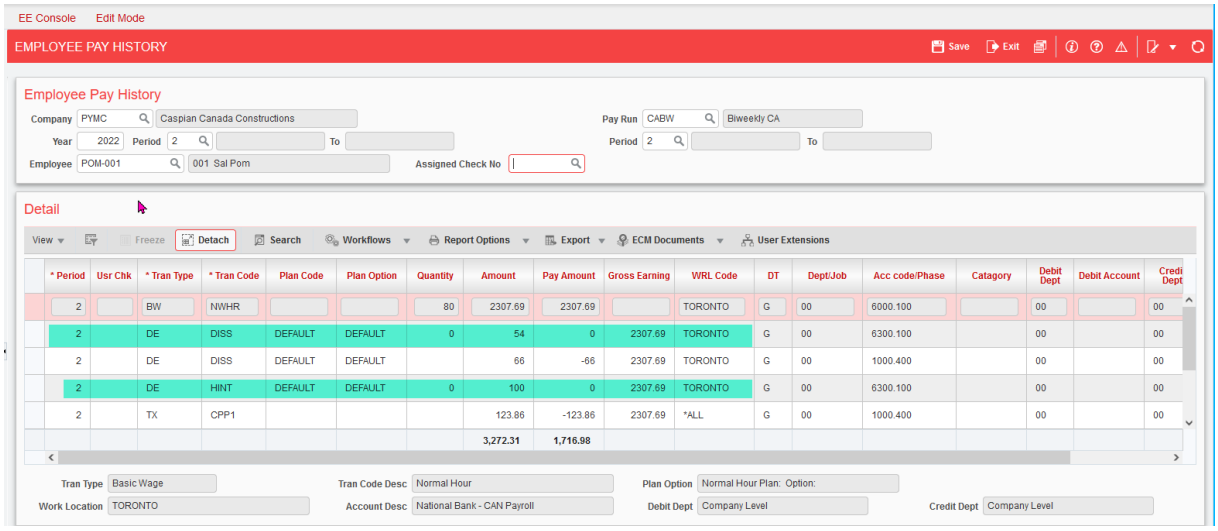
In the Tax Elements and Tax Elements by Transaction screens, the user can specify whether the employee deduction is tax deductible or whether employer portion is subject to tax. A deduction code can only have one or the other selected but not both.

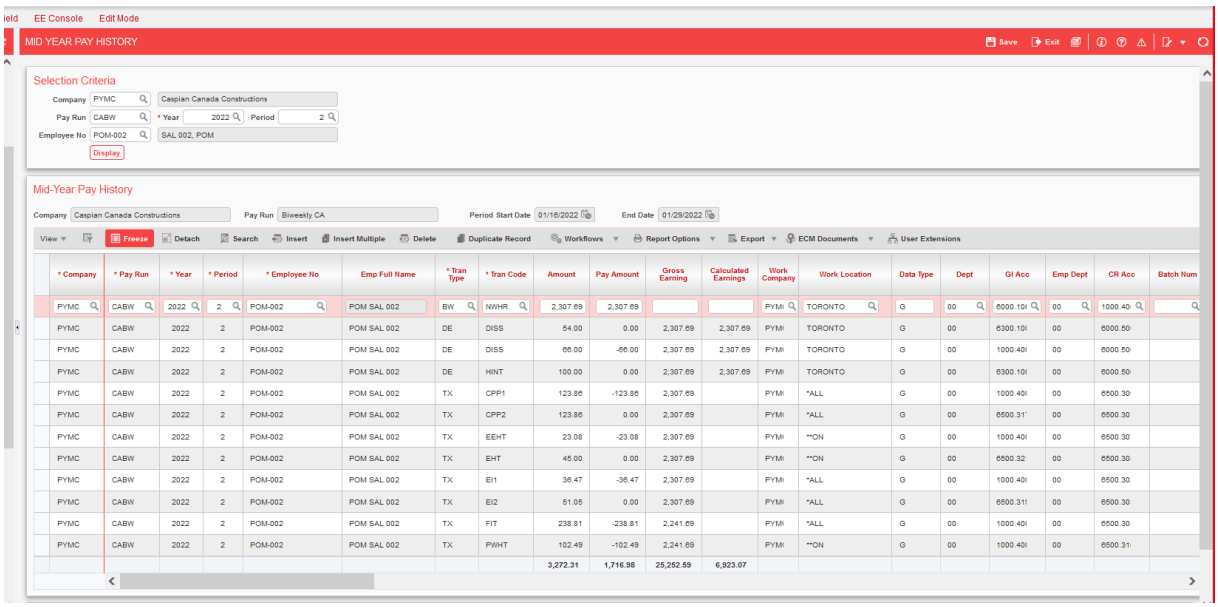


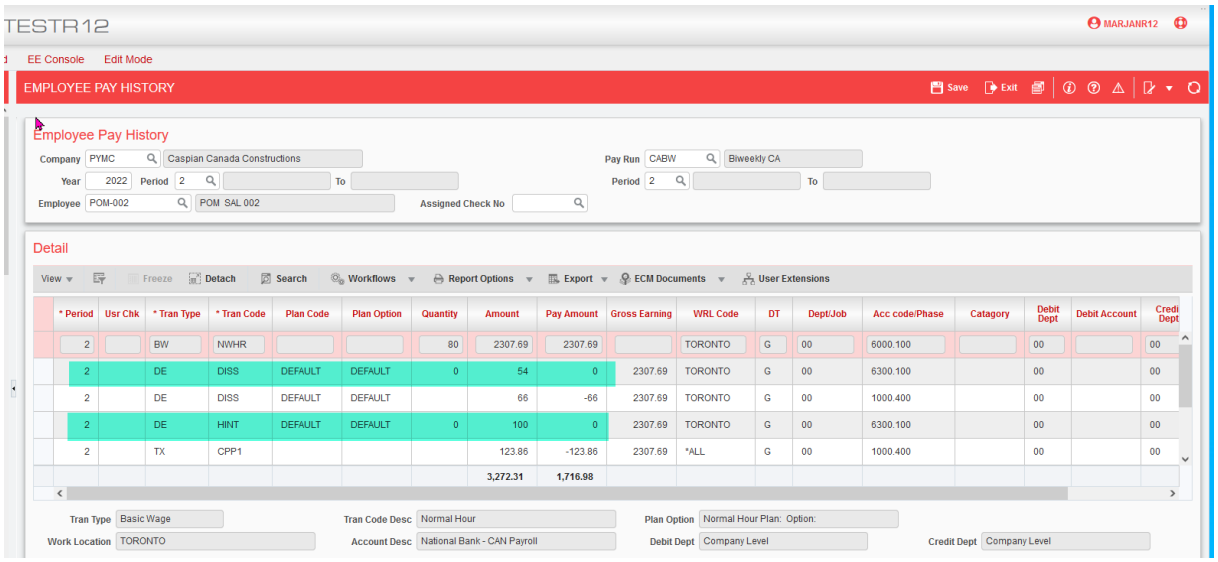
During payroll processing, the maximum for the insurance group is determined by the percentage defined for the group multiplied by the total amount of the employee portion of the deductions.

Test Case Example: ON Province should be calculated at 70%


EE Console
Edit Mode
MID YEAR PAY HISTORY
Save
Exit
Selection Criteria
Company PYMC Caspian Canada Constructions
Pay Run CABW * Year 2022 Period 2
Employee No POM-001 Sal Pom, 001
Display
Mid-Year Pay History
Company Caspian Canada Constructions
Pay Run Biweekly CA
Period Start Date 01/16/2022
End Date 01/29/2022
View
Freeze
Detach
Search
Insert
Insert Multiple
Delete
Duplicate Record
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 Company
Work Location
Data Type
Dept
GI Acc
Emp Dept
CR Acc
Batch Num
PYMC CABW 2022 2 POM-001 001 Sal Pom BW NWHR 2,307.69 2,307.69
PYMC CABW 2022 2 POM-001 001 Sal Pom DE DISS 54.00 0.00 2,307.69 2,307.69 PYMC TORONTO G 00 6300.100 00 6000.50
PYMC CABW 2022 2 POM-001 001 Sal Pom DE DISS 66.00 -66.00 2,307.69 2,307.69 PYMC TORONTO G 00 1000.400 00 6000.50
PYMC CABW 2022 2 POM-001 001 Sal Pom DE HINT 100.00 0.00 2,307.69 2,307.69 PYMC TORONTO G 00 6300.100 00 6000.50
PYMC CABW 2022 2 POM-001 001 Sal Pom TX CPP1 123.86 -123.86 2,307.69 PYMC *ALL G 00 1000.400 00 6500.30
PYMC CABW 2022 2 POM-001 001 Sal Pom TX CPP2 123.86 0.00 2,307.69 PYMC *ALL G 00 6500.317 00 6500.30
PYMC CABW 2022 2 POM-001 001 Sal Pom TX EEHT 23.08 -23.08 2,307.69 PYMC **ON G 00 1000.400 00 6500.30
PYMC CABW 2022 2 POM-001 001 Sal Pom TX EHT 45.00 0.00 2,307.69 PYMC **ON G 00 6500.321 00 6500.30
PYMC CABW 2022 2 POM-001 001 Sal Pom TX EI1 36.47 -36.47 2,307.69 PYMC *ALL G 00 1000.400 00 6500.30
PYMC CABW 2022 2 POM-001 001 Sal Pom TX EI2 51.05 0.00 2,307.69 PYMC *ALL G 00 6500.311 00 6500.30
PYMC CABW 2022 2 POM-001 001 Sal Pom TX FIT 238.81 -238.81 2,241.69 PYMC *ALL G 00 1000.400 00 6500.30
PYMC CABW 2022 2 POM-001 001 Sal Pom TX PWHT 102.49 -102.49 2,241.69 PYMC **ON G 00 1000.400 00 6500.31
3,272.31 1,716.98 25,252.59 6,923.07


EE Console
Edit Mode
EMPLOYEE PAY HISTORY
Save
Exit
Employee Pay History
Company PYMC Caspian Canada Constructions
Year 2022 Period 2 To
Employee POM-001 001 Sal Pom
Assigned Check No
Pay Run CABW Biweekly CA
Period 2 To
Detail
View
Freeze
Detach
Search
Workflows
Report Options
Export
ECM Documents
User Extensions
* Period
Usr Chk
* Tran Type
* Tran Code
Plan Code
Plan Option
Quantity
Amount
Pay Amount
Gross Earning
WRL Code
DT
Dept/Job
Acc code/Phase
Catagory
Debit Dept
Debit Account
Credi Dept
2 BW NWHR 80 2307.69 2307.69 TORONTO G 00 6000.100 00
2 DE DISS DEFAULT DEFAULT 0 54 0 2307.69 TORONTO G 00 6300.100 00
2 DE DISS DEFAULT DEFAULT 66 -66 2307.69 TORONTO G 00 1000.400 00
2 DE HINT DEFAULT DEFAULT 0 100 0 2307.69 TORONTO G 00 6300.100 00
2 TX CPP1 123.86 -123.86 2307.69 *ALL G 00 1000.400 00
3,272.31 1,716.98
Tran Type Basic Wage
Work Location TORONTO
Tran Code Desc Normal Hour
Account Desc National Bank - CAN Payroll
Plan Option Normal Hour Plan: Option:
Debit Dept Company Level
Credit Dept Company Level

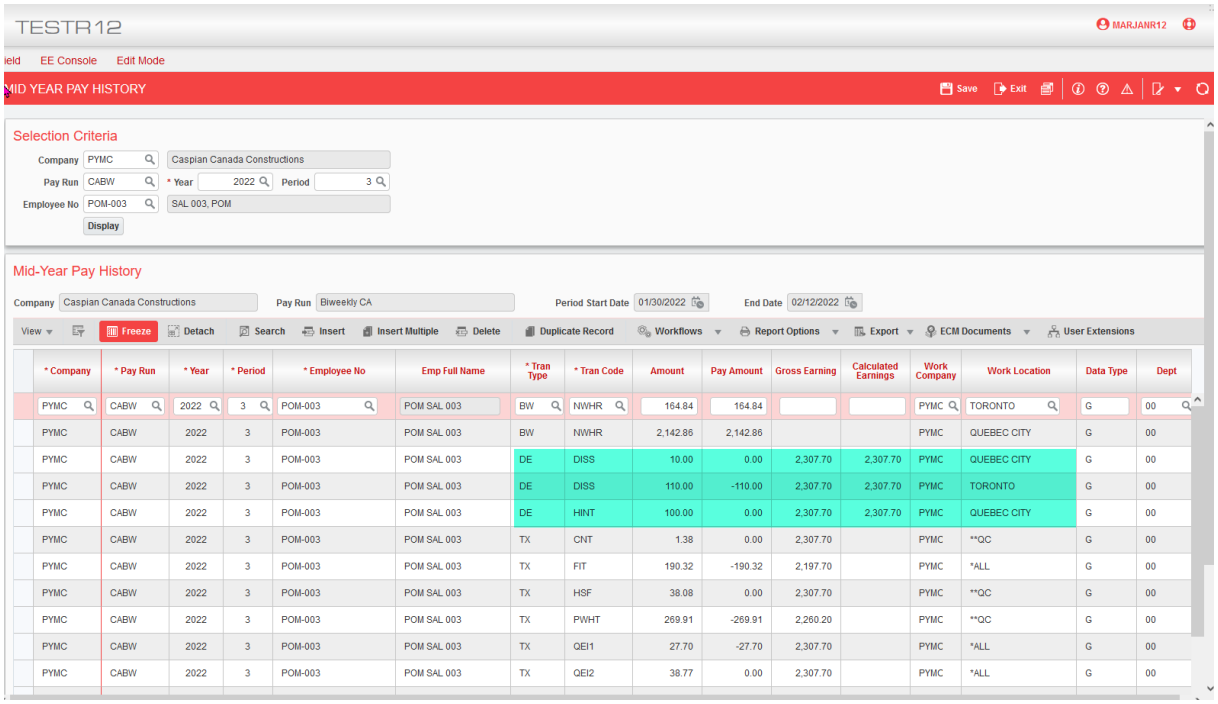


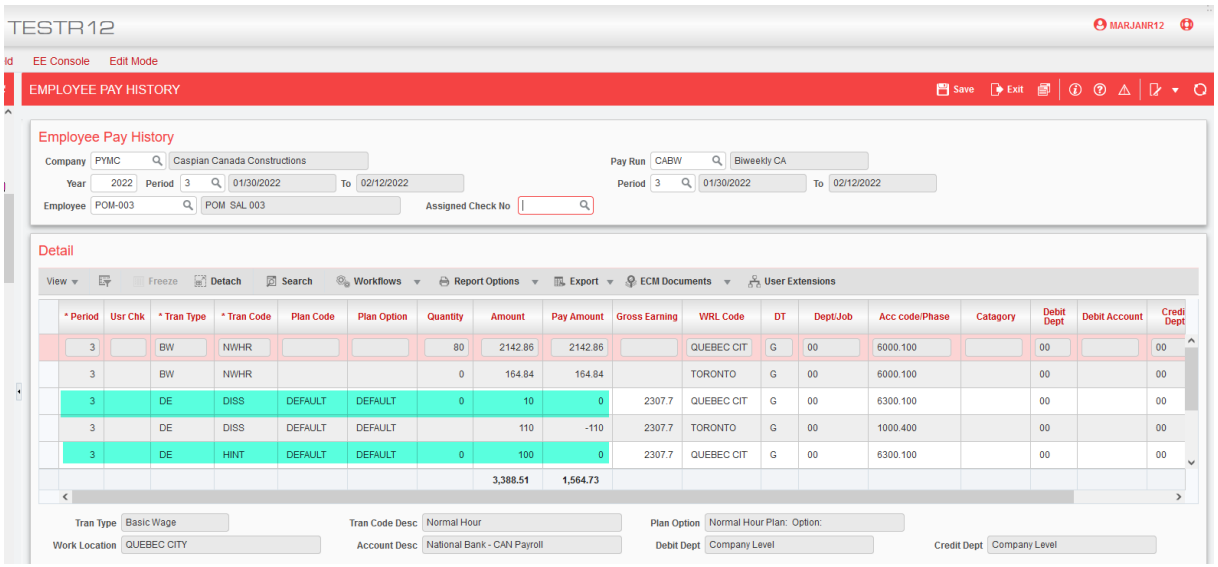


The employee total insurance premium amount is $220 (100 + 120) and the maximum employer contribution percentage for the insurance group is 70% for Province of Ontario -ON which is setup under the Province Override Tab. System will calculate the maximum employer contribution amount as 220 X 70% = $154.

In order of priority, the employer contribution amount is distributed to deduction HLTH (HINT) first at $100 and the employee contribution amount is reduced by $100 which is 0. Then deduction DISS Employer is calculated at $54, and the employee contribution amount ($120) is reduced by $54 which is $66. Total of above employee and employer deduction premiums are equal to $220 (54 +66 +100).

Test Case Example: QC Province should be calculated at 50%





The employee total insurance premium amount is $220 (100 + 110+10) and the maximum employer contribution percentage for the insurance group is 50% for QC (setup on the main screen). System will calculate the maximum employer contribution amount as 220 X 50% = $110. In order of priority, the employer contribution amount is distributed to deduction HLTH (HINT) first at $100 and the employee contribution amount is reduced by $100 which is 0. Then deduction DISS is calculated at $10 and the employee contribution amount 120 is reduced by $10 which is $110.

Total of above employee and employer Deduction premiums are equal to $ 220 (10 + 110 + 100).

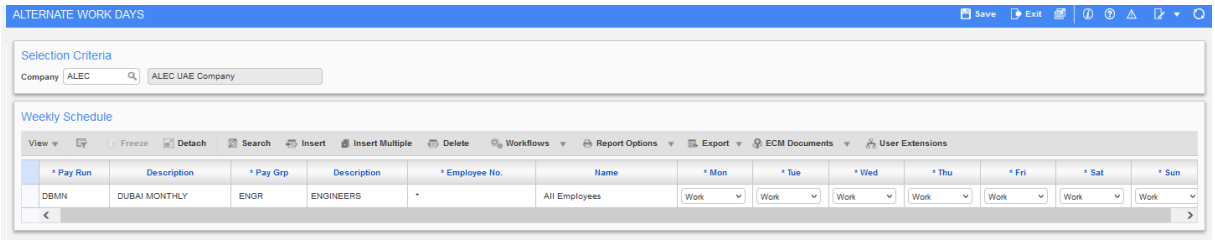
Annual Leave Processing - New Calculation Method Added to Calculate Annual Leaves in Dubai Region (21.50021/HCM-455)

Overview

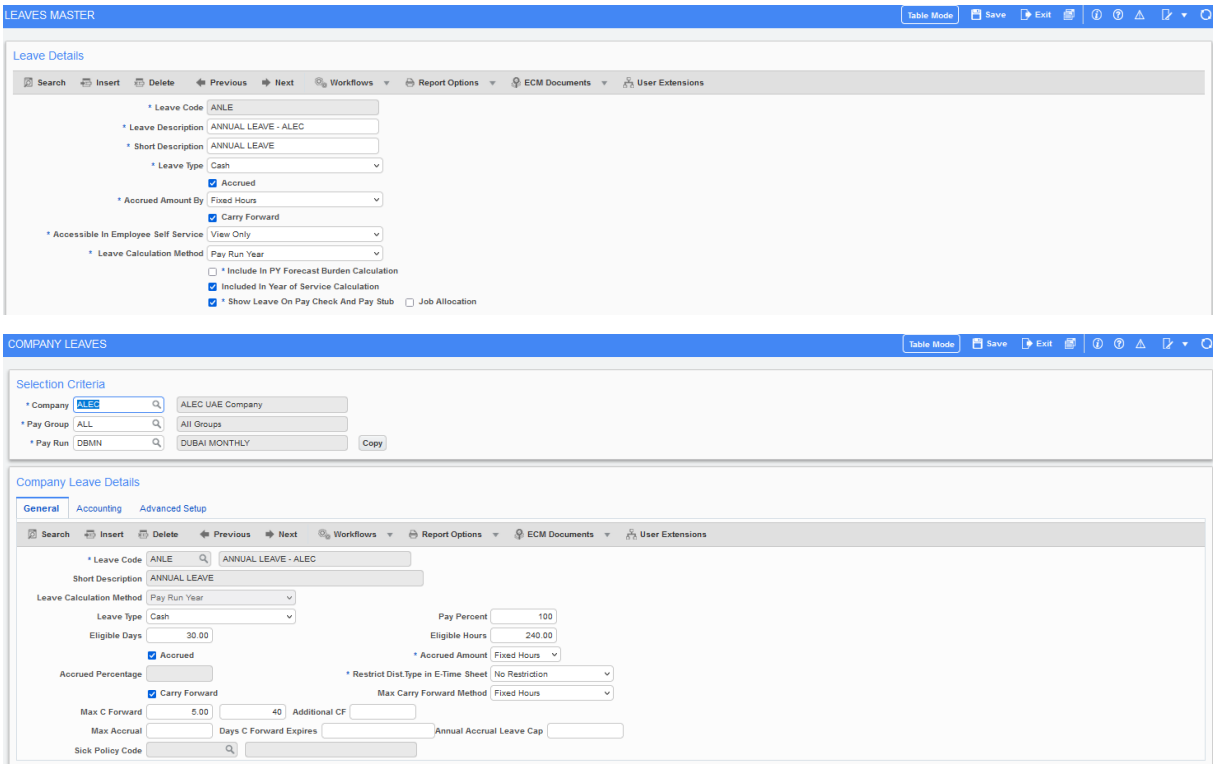
CMIC has added a new drop-down column with multiple options on the Hour Type screen to calculate annual leave based on either “Wage”, “Partial package”, or “Full Package”. UAE and its regions have various types of leaves paid for employees. Some of them are regulated by the UAE labour law, such as annual leave. For annual leave, the worker must receive their basic salary in addition to a housing allowance if such an allowance is stipulated in the contract.

Pre-requisites

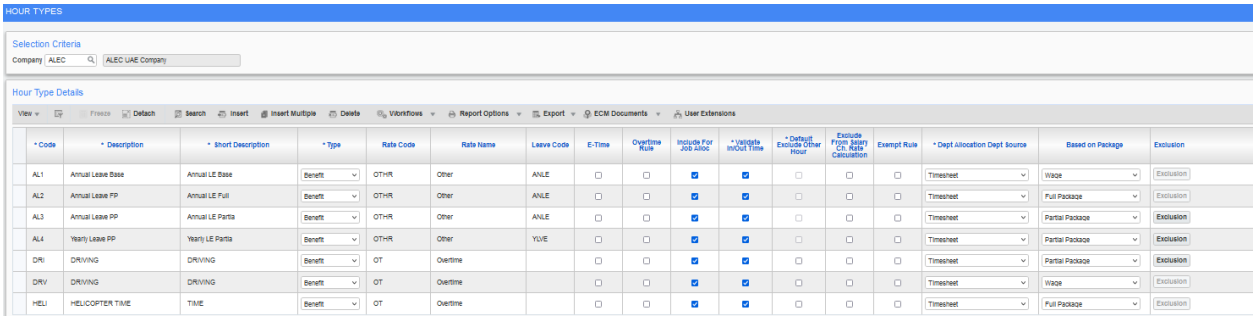
1) Alternate Workdays has to be setup to 7 working days as per Dubai region.



2) Annual leave setup is required.



3) Setup the Hour Types screen to have annual leaves based on wage, partial package, and full package just like AL1, AL2, and AL3 below.



Modifications

Employees are entitled to an annual leave of:

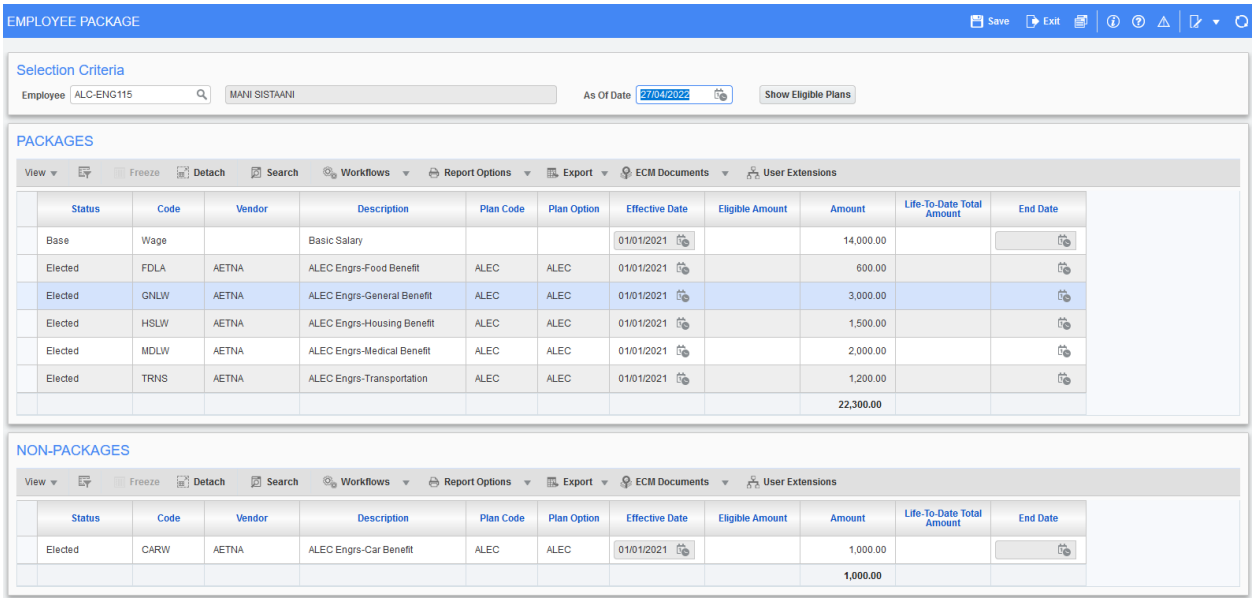
2.5 days per month, if they have completed six months of service, but not one year.

30 days, if they have completed one year of service.

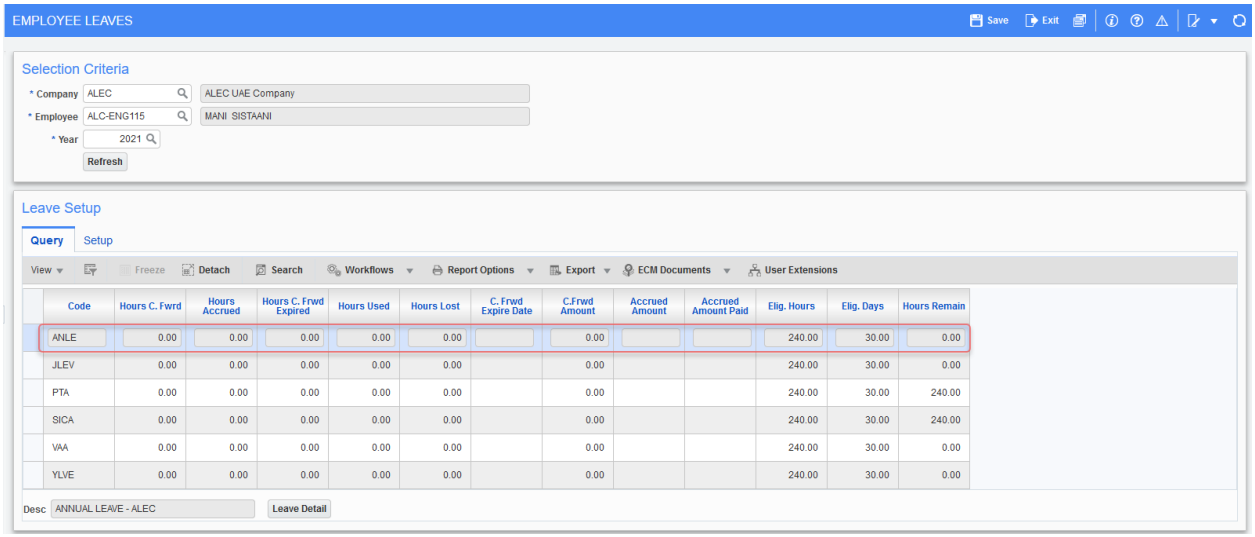
The calculation of the duration of annual leave will include official holidays specified by law or by agreement and any other leaves caused by sickness if they fall within the annual leave.

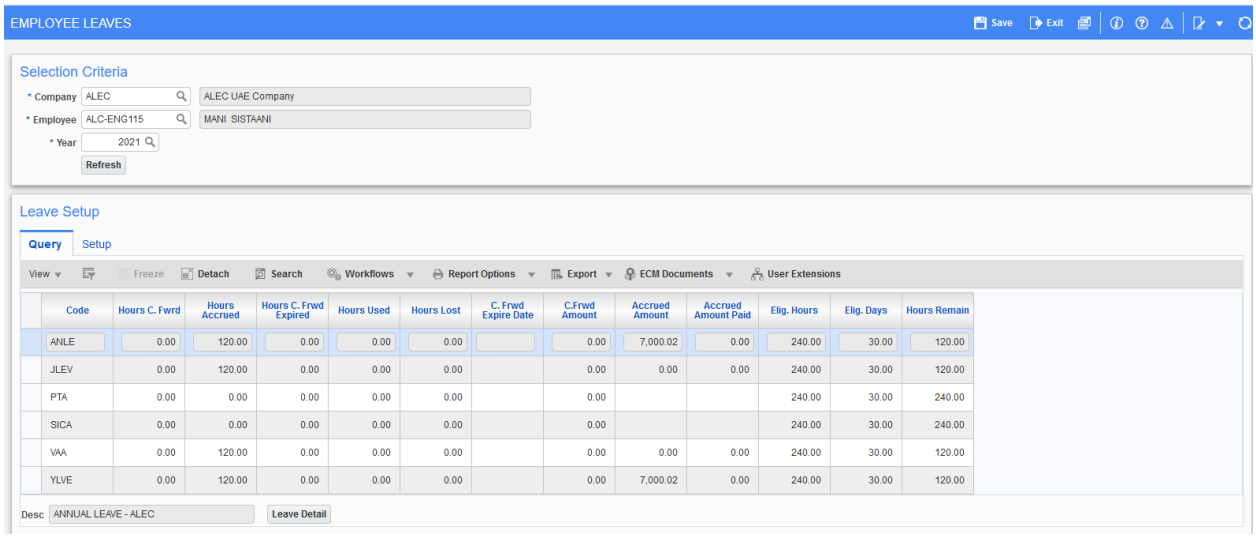
Implementation

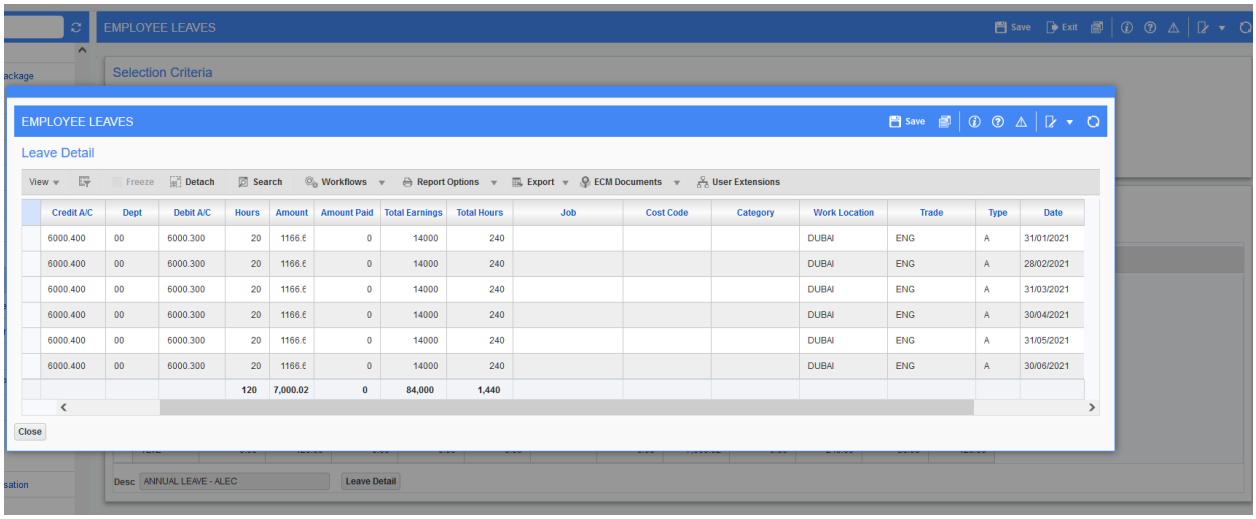
Testcase #1: Validate an employee annual leave after 6 months of service and validate annual leave base wage calculation.



Printed checks for 6 months

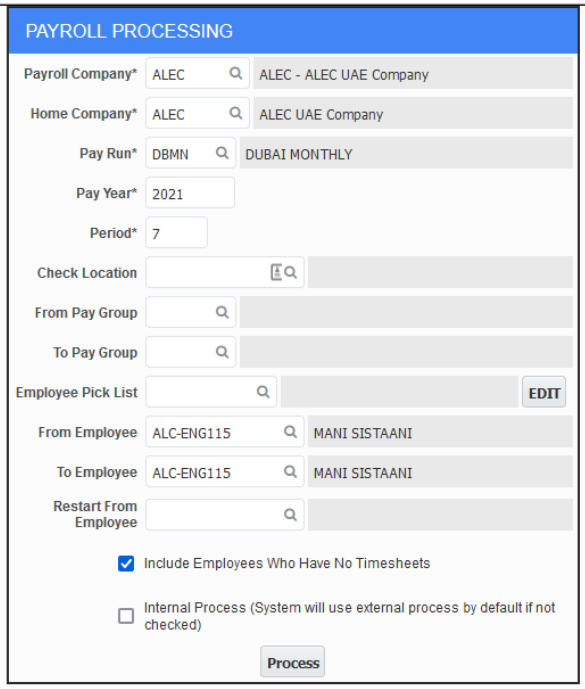

EMPLOYEE LEAVES
Save
Exit
Selection Criteria
* Company ALEC ALEC UAE Company
* Employee ALC-ENG115 MANI SISTAANI
* Year 2021
Refresh
Leave Setup
Query
Setup
View
Freeze
Detach
Search
Workflows
Report Options
Export
ECM Documents
User Extensions
Code | Hours C. Fwrd | Hours Accrued | Hours C. Frwd Expired | Hours Used | Hours Lost | C. Frwd Expire Date | C.Frwd Amount | Accrued Amount | Accrued Amount Paid | Elig. Hours | Elig. Days | Hours Remain
ANLE 0.00 0.00 0.00 0.00 0.00 0.00 240.00 30.00 0.00
JLEV 0.00 0.00 0.00 0.00 0.00 0.00 240.00 30.00 0.00
PTA 0.00 0.00 0.00 0.00 0.00 0.00 240.00 30.00 240.00
SICA 0.00 0.00 0.00 0.00 0.00 0.00 240.00 30.00 240.00
VAA 0.00 0.00 0.00 0.00 0.00 0.00 240.00 30.00 0.00
YLVE 0.00 0.00 0.00 0.00 0.00 0.00 240.00 30.00 0.00
Desc ANNUAL LEAVE - ALEC
Leave Detail


EMPLOYEE LEAVES
Save
Exit
Selection Criteria
* Company ALEC ALEC UAE Company
* Employee ALC-ENG115 MANI SISTAANI
* Year 2021
Refresh
Leave Setup
Query
Setup
View
Freeze
Detach
Search
Workflows
Report Options
Export
ECM Documents
User Extensions
Code | Hours C. Fwrd | Hours Accrued | Hours C. Frwd Expired | Hours Used | Hours Lost | C. Frwd Expire Date | C.Frwd Amount | Accrued Amount | Accrued Amount Paid | Elig. Hours | Elig. Days | Hours Remain
ANLE 0.00 120.00 0.00 0.00 0.00 0.00 7,000.02 0.00 240.00 30.00 120.00
JLEV 0.00 120.00 0.00 0.00 0.00 0.00 0.00 0.00 240.00 30.00 120.00
PTA 0.00 0.00 0.00 0.00 0.00 0.00 240.00 30.00 240.00
SICA 0.00 0.00 0.00 0.00 0.00 0.00 240.00 30.00 240.00
VAA 0.00 120.00 0.00 0.00 0.00 0.00 0.00 0.00 240.00 30.00 120.00
YLVE 0.00 120.00 0.00 0.00 0.00 0.00 7,000.02 0.00 240.00 30.00 120.00
Desc ANNUAL LEAVE - ALEC
Leave Detail


EMPLOYEE LEAVES
Save
Exit
Selection Criteria
EMPLOYEE LEAVES
Save
Leave Detail
View
Freeze
Detach
Search
Workflows
Report Options
Export
ECM Documents
User Extensions
Credit A/C | Dept | Debit A/C | Hours | Amount | Amount Paid | Total Earnings | Total Hours | Job | Cost Code | Category | Work Location | Trade | Type | Date
6000.400 00 6000.300 20 1166.6 0 14000 240 DUBAI ENG A 31/01/2021
6000.400 00 6000.300 20 1166.6 0 14000 240 DUBAI ENG A 28/02/2021
6000.400 00 6000.300 20 1166.6 0 14000 240 DUBAI ENG A 31/03/2021
6000.400 00 6000.300 20 1166.6 0 14000 240 DUBAI ENG A 30/04/2021
6000.400 00 6000.300 20 1166.6 0 14000 240 DUBAI ENG A 31/05/2021
6000.400 00 6000.300 20 1166.6 0 14000 240 DUBAI ENG A 30/06/2021
120 7,000.02 0 84,000 1,440
Close
Desc ANNUAL LEAVE - ALEC
Leave Detail

Entered time for period 7 for 15 days of work and 15 days of vacation.

Employee	Date	User Type	Union	Trade	Shift	Job compa	Job/Dept/	CostCode/	Cat./Tran	WBS 1	WBS 2	UserField1	UserField2	Normal Ho	NH Rate Co	Normal Pa	OT Hours	OT Rate Co	OT Pay Rat	DOT Hours	DOT Rate (	DOT Pay R	Other Hou	Other Ho
ALC-ENG1	01/07/2021			ENG		ALEC	ALEC01	01-100	1000					8										
ALC-ENG1	02/07/2021			ENG		ALEC	ALEC01	01-100	1000					8										
ALC-ENG1	03/07/2021			ENG		ALEC	ALEC01	01-100	1000					8										
ALC-ENG1	04/07/2021			ENG		ALEC	ALEC01	01-100	1000					8										
ALC-ENG1	05/07/2021			ENG		ALEC	ALEC01	01-100	1000					8										
ALC-ENG1	06/07/2021			ENG		ALEC	ALEC01	01-100	1000					8										
ALC-ENG1	07/07/2021			ENG		ALEC	ALEC01	01-100	1000					8										
ALC-ENG1	08/07/2021			ENG		ALEC	ALEC01	01-100	1000					8										
ALC-ENG1	09/07/2021			ENG		ALEC	ALEC01	01-100	1000					8										
ALC-ENG1	10/07/2021			ENG		ALEC	ALEC01	01-100	1000					8										
ALC-ENG1	11/07/2021			ENG		ALEC	ALEC01	01-100	1000					8										
ALC-ENG1	12/07/2021			ENG		ALEC	ALEC01	01-100	1000					8										
ALC-ENG1	13/07/2021			ENG		ALEC	ALEC01	01-100	1000					8										
ALC-ENG1	14/07/2021			ENG		ALEC	ALEC01	01-100	1000					8										
ALC-ENG1	15/07/2021			ENG		ALEC	ALEC01	01-100	1000					8										
ALC-ENG1	16/07/2021	G		ENG		ALEC	00	6000.100															8	AL1
ALC-ENG1	17/07/2021	G		ENG		ALEC	00	6000.100															8	AL1
ALC-ENG1	18/07/2021	G		ENG		ALEC	00	6000.100															8	AL1
ALC-ENG1	19/07/2021	G		ENG		ALEC	00	6000.100															8	AL1
ALC-ENG1	20/07/2021	G		ENG		ALEC	00	6000.100															8	AL1
ALC-ENG1	21/07/2021	G		ENG		ALEC	00	6000.100															8	AL1
ALC-ENG1	22/07/2021	G		ENG		ALEC	00	6000.100															8	AL1
ALC-ENG1	23/07/2021	G		ENG		ALEC	00	6000.100															8	AL1
ALC-ENG1	24/07/2021	G		ENG		ALEC	00	6000.100															8	AL1
ALC-ENG1	25/07/2021	G		ENG		ALEC	00	6000.100															8	AL1
ALC-ENG1	26/07/2021	G		ENG		ALEC	00	6000.100															8	AL1
ALC-ENG1	27/07/2021	G		ENG		ALEC	00	6000.100															8	AL1
ALC-ENG1	28/07/2021	G		ENG		ALEC	00	6000.100															8	AL1
ALC-ENG1	29/07/2021	G		ENG		ALEC	00	6000.100															8	AL1
ALC-ENG1	30/07/2021	G		ENG		ALEC	00	6000.100															8	AL1
ALC-ENG1	31/07/2021	G		ENG		ALEC	00	6000.100															8	AL1



EMPLOYEE NAME	SOCIAL INSURANCE NUMBER	UNION	Trade	CONTRACT NO	PERIOD END DATE
MANI SISTAANI	xxx-xx-		ENG	ALEC01	31/07/2021

TAXABLE EARNINGS AND BENEFITS					TAXES & DEDUCTIONS					
DESCRIPTION	RATE	HOURS	AMOUNT	TO - DATE	DESCRIPTION	AMOUNT	TO - DATE	DESCRIPTION	AMOUNT	TO - DATE
Regular Hours	0.00	0	0.00	0.00						
Regular Hours	58.33	0	0.00	28,000.00						
Regular Hours	62.50	0	0.00	14,000.00						
Regular Hours	56.45	248	14,000.00	56,000.00						
TOTAL		120	6,774.24	90,774.24						
ANNUAL LEAVE	56.45	128	7,225.76	7,225.76						
VEHICLE		0	1,000.00	7,000.00						
FOOD		0	600.00	4,200.00						
GENERAL		0	3,000.00	21,000.00						
HOUSING		0	1,500.00	10,500.00						
MEDICAL		0	2,000.00	14,000.00						
TRANSPORT		0	1,200.00	8,400.00						
TOTAL OTHER EARNINGS		128	16,525.76	72,325.76						
Regular Hours	58.33	-128	-7,225.76	-7,225.76	*TOTAL*			*TOTAL*		

Leave Code	C Frwd	Accrued	Used	Balance
JOB LEAVE	0.00	140.00	0.00	140.00
ANNUAL LEAVE	0.00	140.00	128.00	12.00

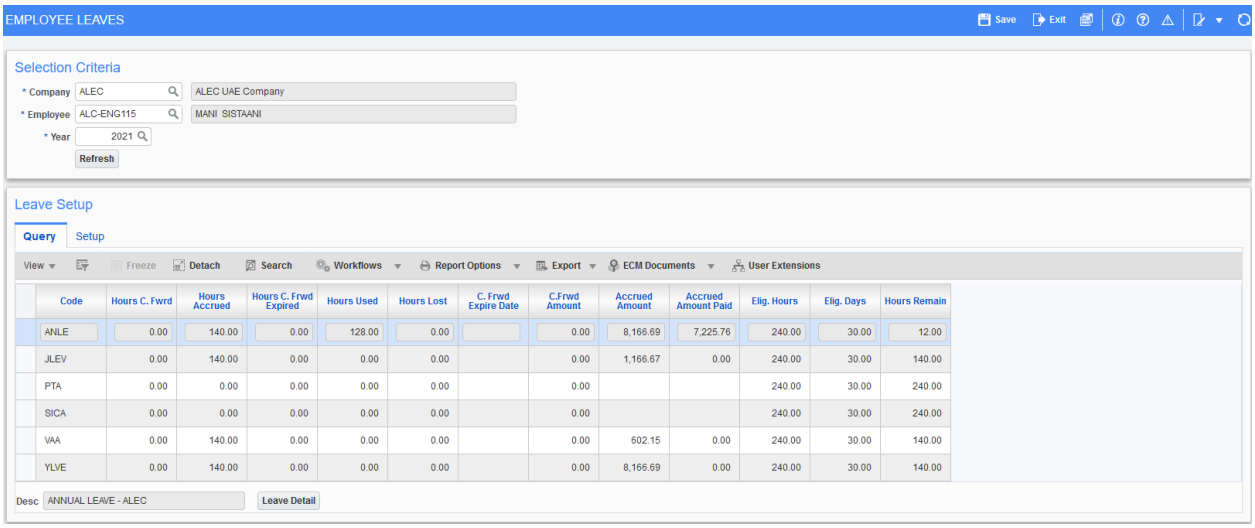
								TOTAL TAXES & DEDUCTIONS	0.00	0.00
								CHECK DATE 31/07/2021		CHECK NO. 24
TOTAL EARNINGS			6,774.24		NON TAX TOTAL	0.00		CHECK AMOUNT 23,300.00		
TOTAL YEAR TO DATE				90,774.24	CO. PD. BENEFITS					

Employee ID	Date	Check No.
ALC-ENG115	31-JUL-2021	24

Pay : TWENTY-THREE THOUSAND THREE HUNDRED DOLLARS 00/100 ***23,300.00

TO THE ORDER OF SISTAANI, MANI

DBAI 10022

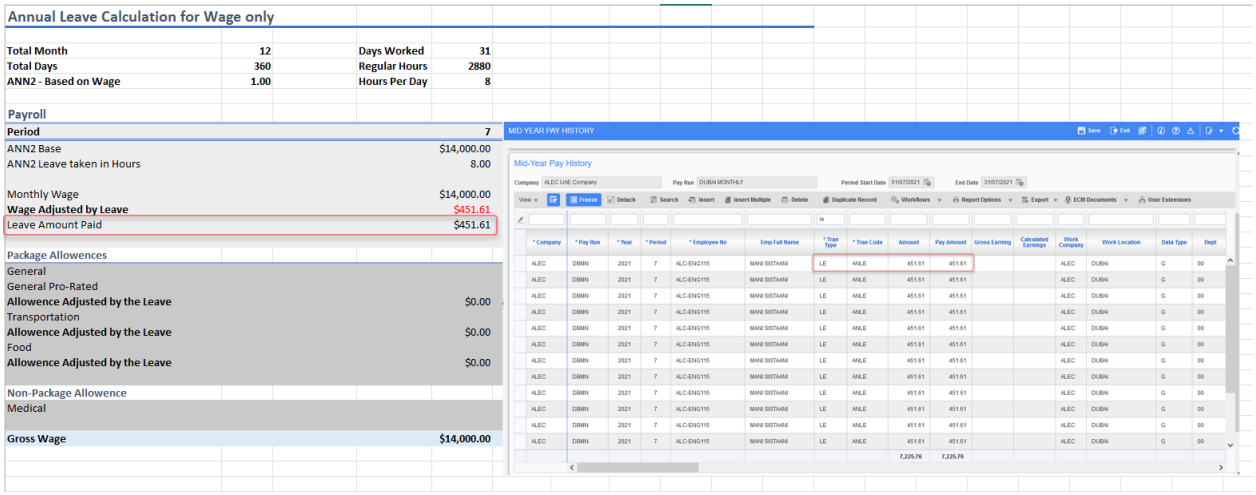


2021	2	6000.400	00	6000.300	20	1166.6	0	14000	240				DUBAI	ENG	A
2021	3	6000.400	00	6000.300	20	1166.6	0	14000	240				DUBAI	ENG	A
2021	4	6000.400	00	6000.300	20	1166.6	0	14000	240				DUBAI	ENG	A
2021	5	6000.400	00	6000.300	20	1166.6	0	14000	240				DUBAI	ENG	A
2021	6	6000.400	00	6000.300	20	1166.6	0	14000	240				DUBAI	ENG	A
2021	7	6000.300	00	6000.400	-8	-451.6	451.61						DUBAI	ENG	U
2021	7	6000.300	00	6000.400	-8	-451.6	451.61						DUBAI	ENG	U
2021	7	6000.300	00	6000.400	-8	-451.6	451.61						DUBAI	ENG	U
2021	7	6000.300	00	6000.400	-8	-451.6	451.61						DUBAI	ENG	U
2021	7	6000.300	00	6000.400	-8	-451.6	451.61						DUBAI	ENG	U
2021	7	6000.300	00	6000.400	-8	-451.6	451.61						DUBAI	ENG	U
2021	7	6000.300	00	6000.400	-8	-451.6	451.61						DUBAI	ENG	U
2021	7	6000.300	00	6000.400	-8	-451.6	451.61						DUBAI	ENG	U
2021	7	6000.300	00	6000.400	-8	-451.6	451.61						DUBAI	ENG	U
2021	7	6000.300	00	6000.400	-8	-451.6	451.61						DUBAI	ENG	U
2021	7	6000.300	00	6000.400	-8	-451.6	451.61						DUBAI	ENG	U
2021	7	6000.300	00	6000.400	-8	-451.6	451.61						DUBAI	ENG	U
2021	7	6000.300	00	6000.400	-8	-451.6	451.61						DUBAI	ENG	U
2021	7	6000.300	00	6000.400	-8	-451.6	451.61						DUBAI	ENG	U
2021	7	6000.300	00	6000.400	-8	-451.6	451.61						DUBAI	ENG	U
2021	7	6000.300	00	6000.400	-8	-451.6	451.61						DUBAI	ENG	U
2021	7	6000.300	00	6000.400	-8	-451.6	451.61						DUBAI	ENG	U
2021	7	6000.300	00	6000.400	-8	-451.6	451.61						DUBAI	ENG	U
2021	7	6000.400	00	6000.300	20	1166.6	0	14000	240				DUBAI	ENG	A
					12	940.93	7,225.76	98,000	1,680						

Close

Validate base wage is calculated as:

Leave amount paid	(Monthly wage/days in a month/ hours per day) * leave hour taken	(14000/31/8)*8 = 451.61



Annual Leave Calculation for Wage only

Total Month	**12**	**Days Worked**	**31**
Total Days	**360**	**Regular Hours**	**2880**
ANN2 - Based on Wage	**1.00**	**Hours Per Day**	**8**

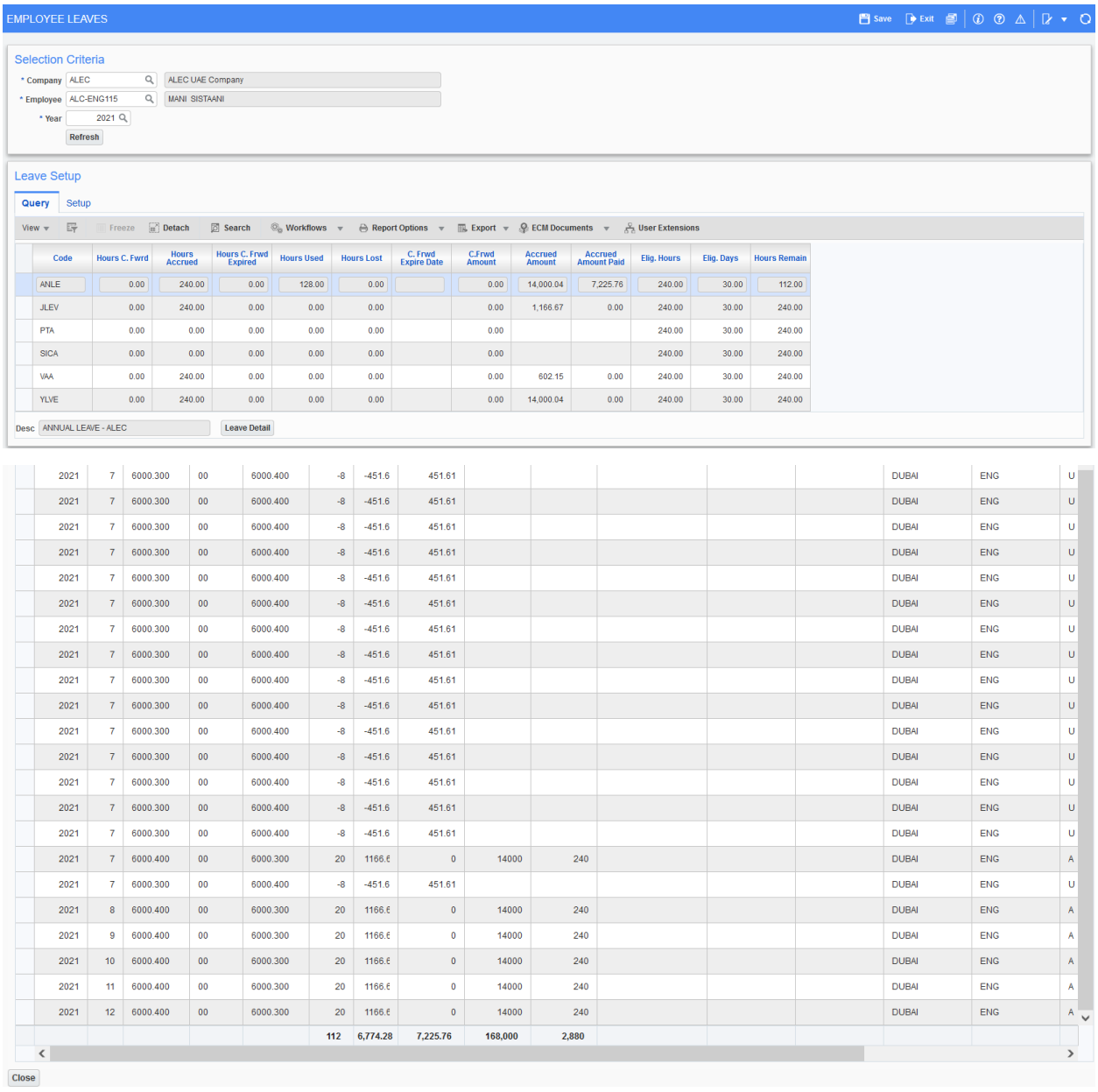
Payroll

Period	**7**
ANN2 Base	$14,000.00
ANN2 Leave taken in Hours	8.00
Monthly Wage	$14,000.00
Wage Adjusted by Leave	$451.61
Leave Amount Paid	$451.61

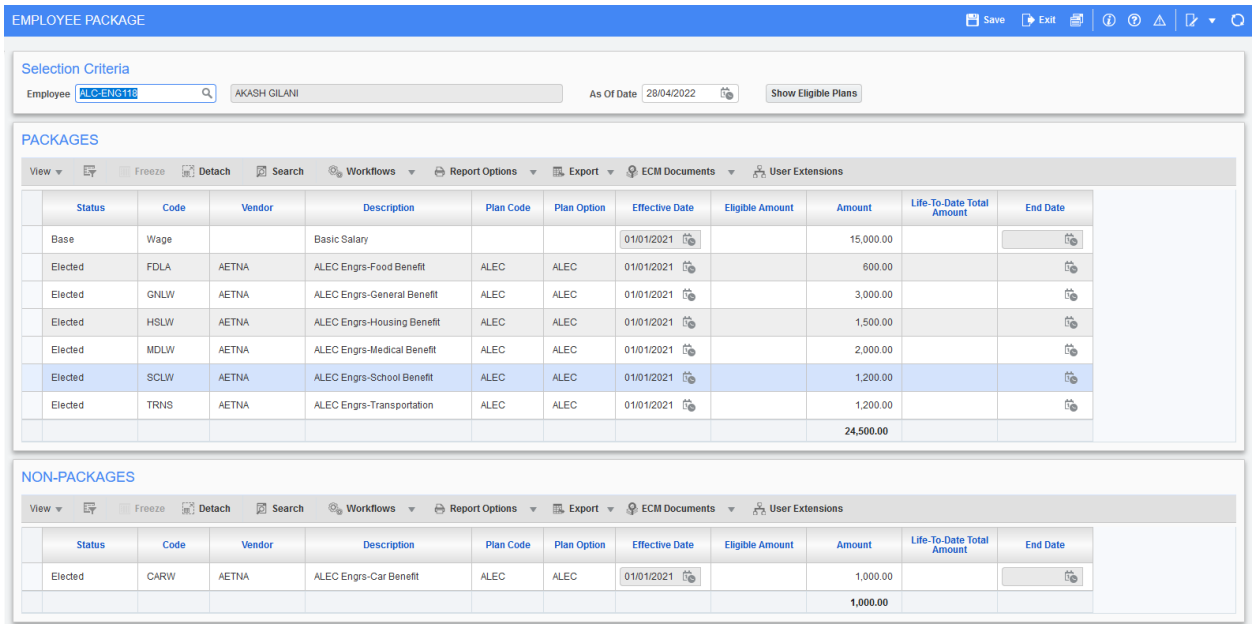
Package Allowences	
General	
General Pro-Rated	
Allowence Adjusted by the Leave	$0.00
Transportation	
Allowence Adjusted by the Leave	$0.00
Food	
Allowence Adjusted by the Leave	$0.00
Non-Package Allowence	
Medical	
Gross Wage	**$14,000.00**

Testcase # 2: Validate an employee annual leave after 1 year of work

Processed for 12 months:


EMPLOYEE LEAVES
Save
Exit
Selection Criteria
* Company ALEC
ALEC UAE Company
* Employee ALC-ENG115
MANI SISTAANI
* Year 2021
Refresh
Leave Setup
Query
Setup
View
Freeze
Detach
Search
Workflows
Report Options
Export
ECM Documents
User Extensions
Code
Hours C. Fwrd
Hours Accrued
Hours C. Frwd Expired
Hours Used
Hours Lost
C. Frwd Expire Date
C.Frwd Amount
Accrued Amount
Accrued Amount Paid
Elig. Hours
Elig. Days
Hours Remain
ANLE 0.00 240.00 0.00 128.00 0.00 0.00 14,000.04 7,225.76 240.00 30.00 112.00
JLEV 0.00 240.00 0.00 0.00 0.00 0.00 1,166.67 0.00 240.00 30.00 240.00
PTA 0.00 0.00 0.00 0.00 0.00 0.00 240.00 30.00 240.00
SICA 0.00 0.00 0.00 0.00 0.00 0.00 240.00 30.00 240.00
VAA 0.00 240.00 0.00 0.00 0.00 0.00 602.15 0.00 240.00 30.00 240.00
YLVE 0.00 240.00 0.00 0.00 0.00 0.00 14,000.04 0.00 240.00 30.00 240.00
Desc ANNUAL LEAVE - ALEC
Leave Detail
2021 7 6000.300 00 6000.400 -8 -451.6 451.61 DUBAI ENG U
2021 7 6000.300 00 6000.400 -8 -451.6 451.61 DUBAI ENG U
2021 7 6000.300 00 6000.400 -8 -451.6 451.61 DUBAI ENG U
2021 7 6000.300 00 6000.400 -8 -451.6 451.61 DUBAI ENG U
2021 7 6000.300 00 6000.400 -8 -451.6 451.61 DUBAI ENG U
2021 7 6000.300 00 6000.400 -8 -451.6 451.61 DUBAI ENG U
2021 7 6000.300 00 6000.400 -8 -451.6 451.61 DUBAI ENG U
2021 7 6000.300 00 6000.400 -8 -451.6 451.61 DUBAI ENG U
2021 7 6000.300 00 6000.400 -8 -451.6 451.61 DUBAI ENG U
2021 7 6000.300 00 6000.400 -8 -451.6 451.61 DUBAI ENG U
2021 7 6000.300 00 6000.400 -8 -451.6 451.61 DUBAI ENG U
2021 7 6000.300 00 6000.400 -8 -451.6 451.61 DUBAI ENG U
2021 7 6000.300 00 6000.400 -8 -451.6 451.61 DUBAI ENG U
2021 7 6000.300 00 6000.400 -8 -451.6 451.61 DUBAI ENG U
2021 7 6000.400 00 6000.300 20 1166.6 0 14000 240 DUBAI ENG A
2021 7 6000.300 00 6000.400 -8 -451.6 451.61 DUBAI ENG U
2021 8 6000.400 00 6000.300 20 1166.6 0 14000 240 DUBAI ENG A
2021 9 6000.400 00 6000.300 20 1166.6 0 14000 240 DUBAI ENG A
2021 10 6000.400 00 6000.300 20 1166.6 0 14000 240 DUBAI ENG A
2021 11 6000.400 00 6000.300 20 1166.6 0 14000 240 DUBAI ENG A
2021 12 6000.400 00 6000.300 20 1166.6 0 14000 240 DUBAI ENG A
112 6,774.28 7,225.76 168,000 2,880
Close

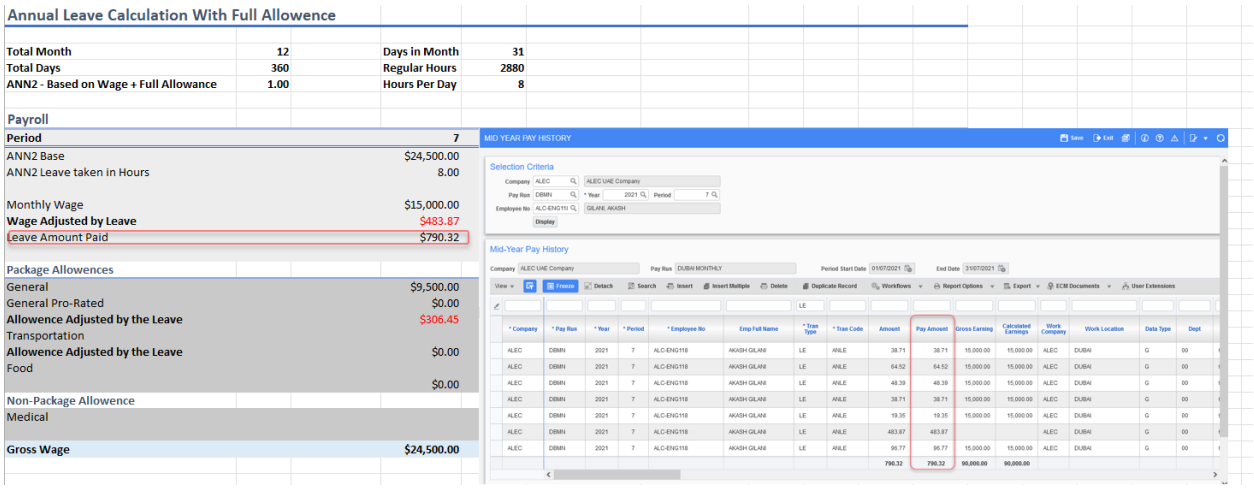
Testcase #3: Validate an employee with full allowance of leave.



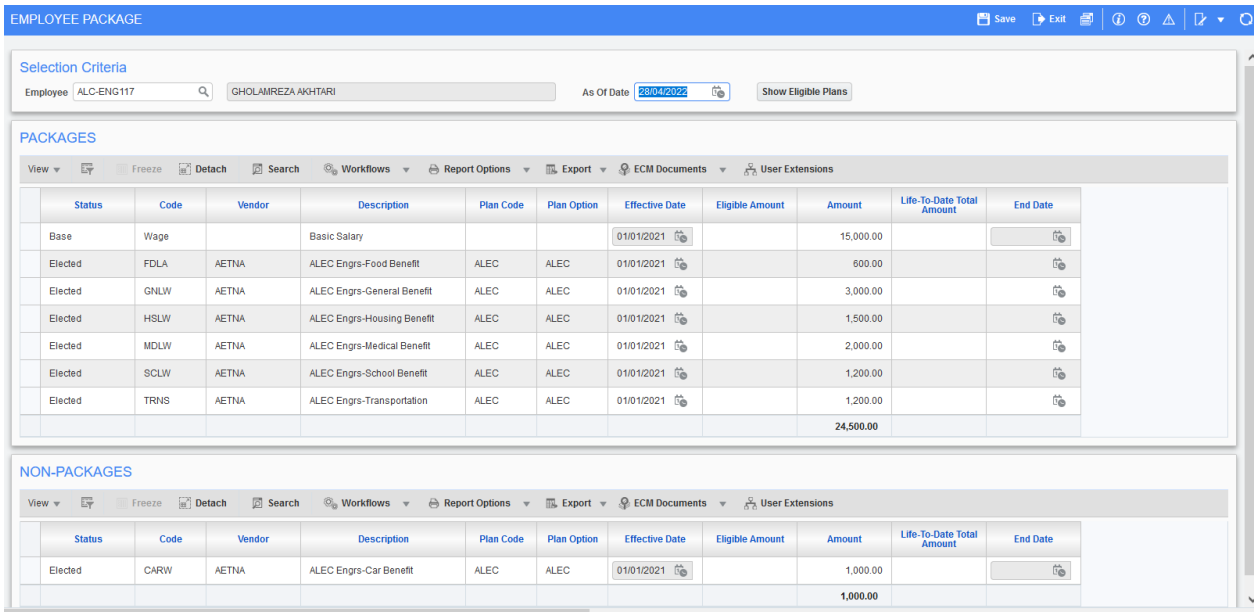
Checks must be printed for 6 months.

NOTE: ENTERED 8 HOURS FOR AL2 FOR PERIOD 7.

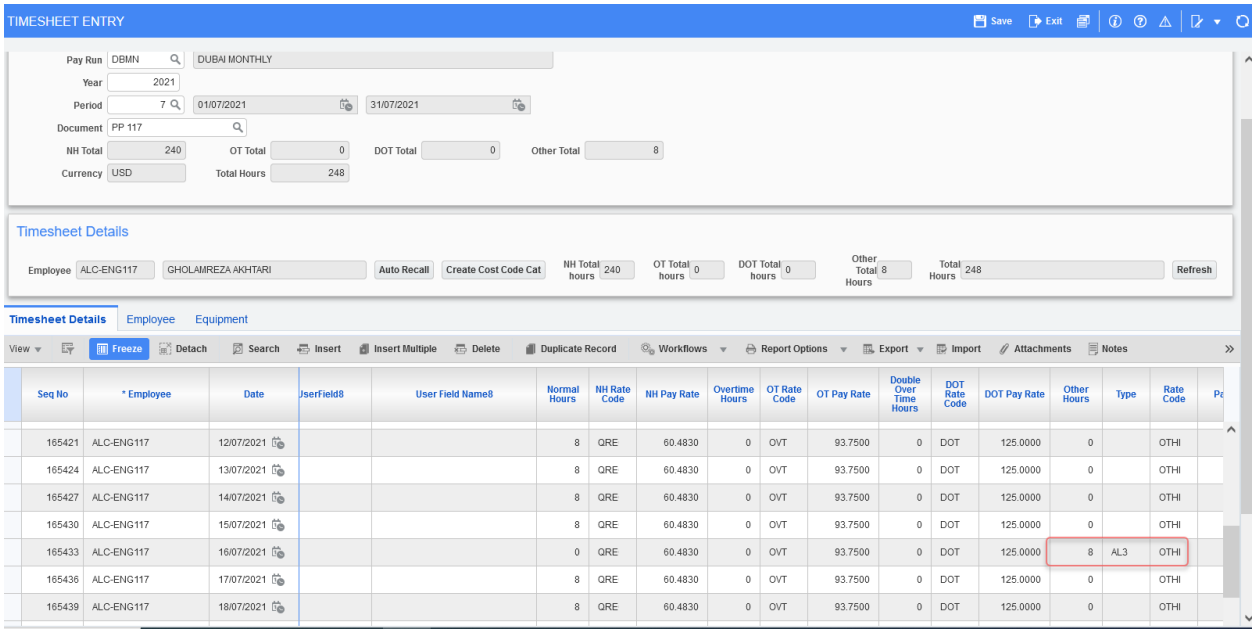
Leave amount paid	(Base with all allowances/days in month/hour per day) * leave hours taken	(24500/31/8) * 8 = 790.32



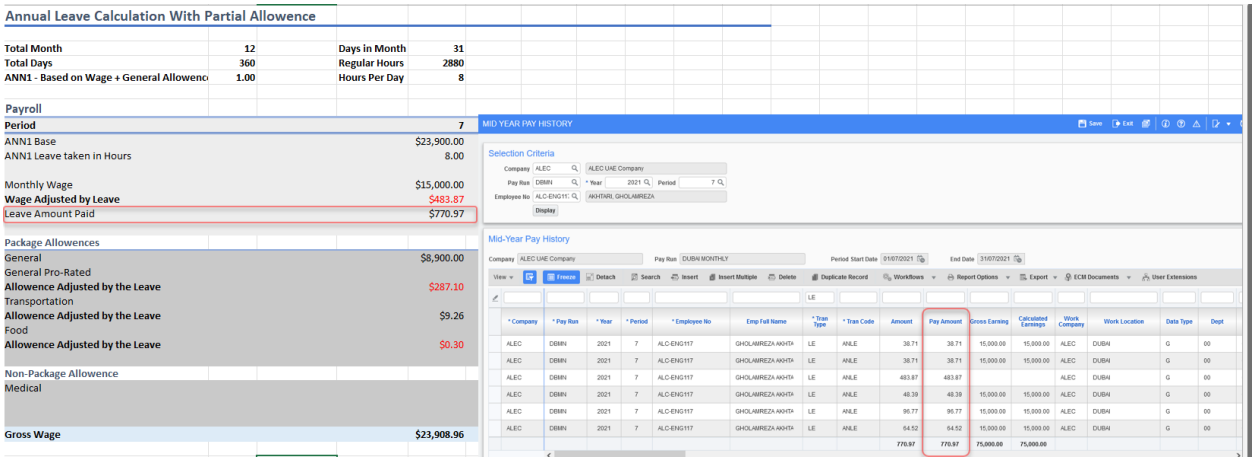
Testcase # 4: Validate an employee with Partial allowance of leave



Partial package hours entered:



Leave amount paid	(Base with All alowances excluding food/days in month/hour per day) * leave hours taken	(23900/31/8) * 8 = 770.97



Annual Leave Calculation With Partial Allowence

Total Month	12	Days in Month	31
Total Days	360	Regular Hours	2880
ANN1 - Based on Wage + General Allowenc	1.00	Hours Per Day	8

Payroll

Period	7
ANN1 Base	$23,900.00
ANN1 Leave taken in Hours	8.00
Monthly Wage	$15,000.00
Wage Adjusted by Leave	$483.87
Leave Amount Paid	$770.97
Package Allowences	
General	$8,900.00
General Pro-Rated	
Allowence Adjusted by the Leave	$287.10
Transportation	
Allowence Adjusted by the Leave	$9.26
Food	
Allowence Adjusted by the Leave	$0.30
Non-Package Allowence	
Medical	
Gross Wage	$23,908.96

MID YEAR PAY HISTORY

Selection Criteria

Company ALEC ALEC UAE Company | Pay Run DBMN | * Year 2021 | Period 7 | Employee No ALC-ENG11: AKHTARI, GHOLAMREZA | Display

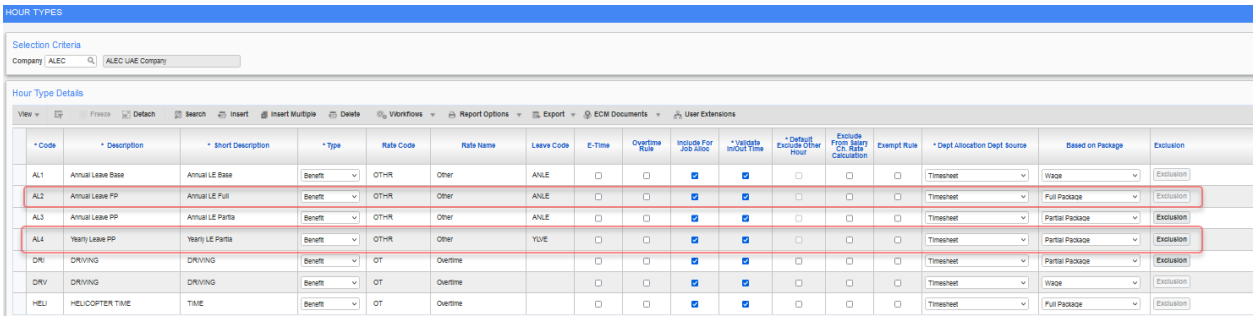
Mid-Year Pay History

Company ALEC UAE Company | Pay Run DUBAI MONTHLY | Period Start Date 01/07/2021 | End Date 31/07/2021

View | Freeze | Detach | Search | Insert | Insert Multiple | Delete | Duplicate Record | 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 Company	Work Location	Data Type	Dept
ALEC	DBMN	2021	7	ALC-ENG117	GHOLAMREZA AKHTA	LE	ANLE	38.71	38.71	15,000.00	15,000.00	ALEC	DUBAI	G	00
ALEC	DBMN	2021	7	ALC-ENG117	GHOLAMREZA AKHTA	LE	ANLE	38.71	38.71	15,000.00	15,000.00	ALEC	DUBAI	G	00
ALEC	DBMN	2021	7	ALC-ENG117	GHOLAMREZA AKHTA	LE	ANLE	483.87	483.87			ALEC	DUBAI	G	00
ALEC	DBMN	2021	7	ALC-ENG117	GHOLAMREZA AKHTA	LE	ANLE	48.39	48.39	15,000.00	15,000.00	ALEC	DUBAI	G	00
ALEC	DBMN	2021	7	ALC-ENG117	GHOLAMREZA AKHTA	LE	ANLE	96.77	96.77	15,000.00	15,000.00	ALEC	DUBAI	G	00
ALEC	DBMN	2021	7	ALC-ENG117	GHOLAMREZA AKHTA	LE	ANLE	64.52	64.52	15,000.00	15,000.00	ALEC	DUBAI	G	00
									770.97	770.97	75,000.00	75,000.00			

Testcase # 5: Validate an employee annual leave with full package and partial package using two leave codes



HOUR TYPES

Selection Criteria

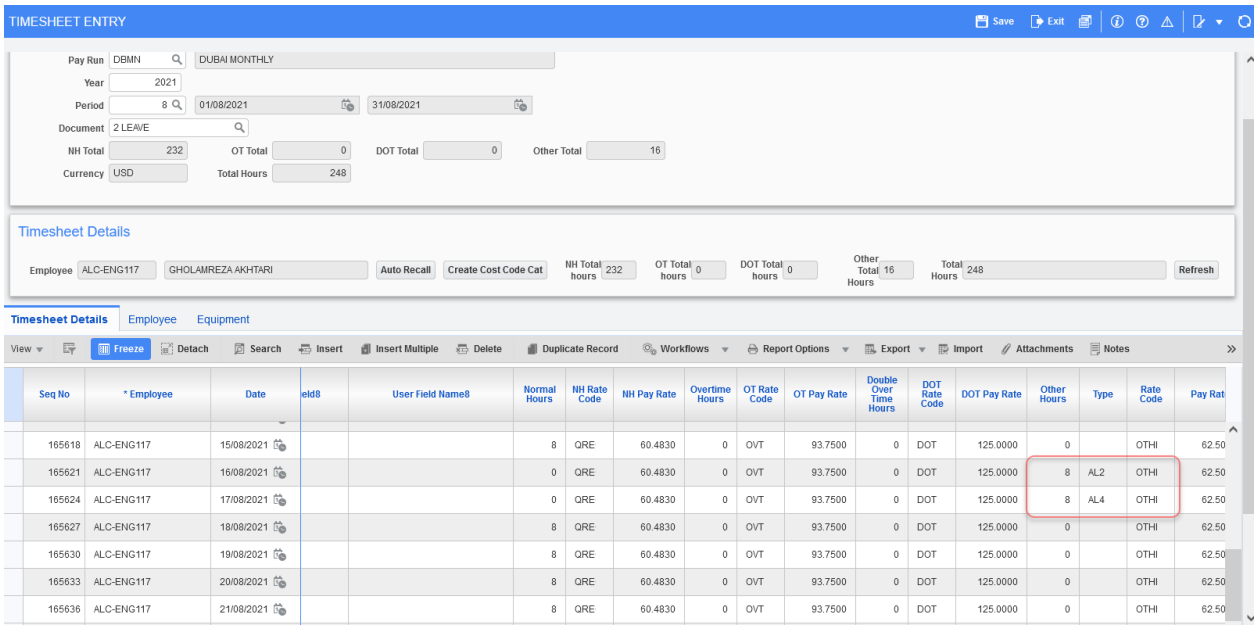
Company ALEC ALEC UAE Company

Hour Type Details

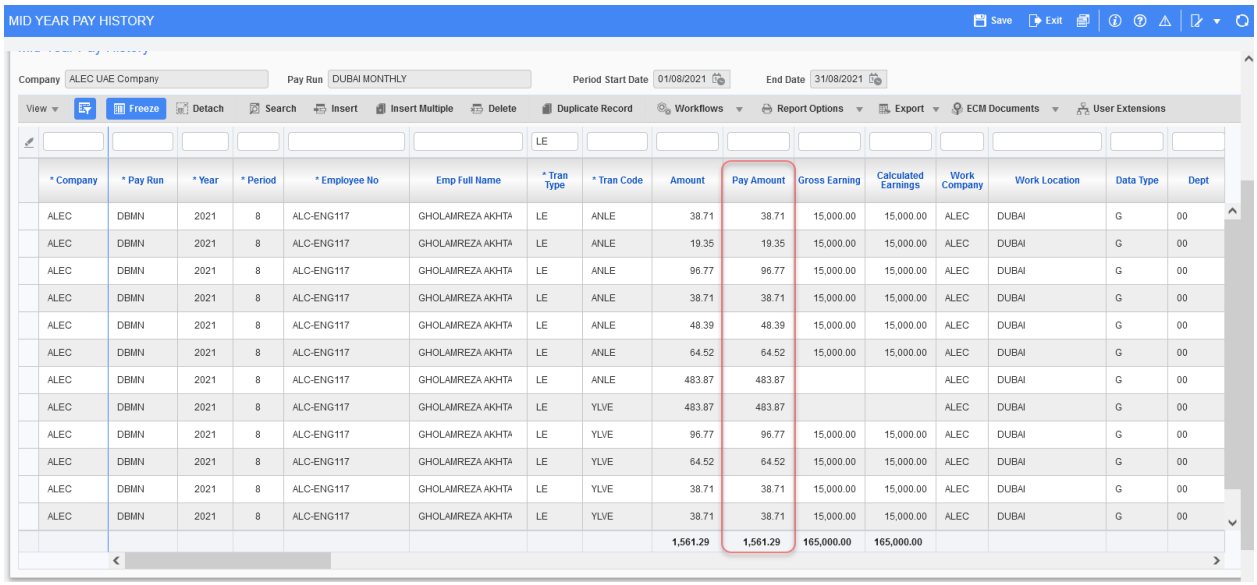
View | Freeze | Detach | Search | Insert | Insert Multiple | Delete | Workflows | Report Options | Export | ECM Documents | User Extensions

* Code	* Description	* Short Description	* Type	Rate Code	Rate Name	Leave Code	E-Time	Overtime Rule	Include For Job Alloc	* Validate In/Out Time	* Default Exclude Other Hour	Exclude From Salary Ch. Rate Calculation	Exempt Rule	* Dept Allocation Dept Source	Based on Package	Exclusion
AL1	Annual Leave Base	Annual LE Base	Benefit	OTHR	Other	ANLE								Timesheet	Wage	Exclusion
AL2	Annual Leave FP	Annual LE Full	Benefit	OTHR	Other	ANLE								Timesheet	Full Package	Exclusion
AL3	Annual Leave PP	Annual LE Partia	Benefit	OTHR	Other	ANLE								Timesheet	Partial Package	Exclusion
AL4	Yearly Leave PP	Yearly LE Partia	Benefit	OTHR	Other	YLVE								Timesheet	Partial Package	Exclusion
DRI	DRIVING	DRIVING	Benefit	OT	Overtime									Timesheet	Partial Package	Exclusion
DRV	DRIVING	DRIVING	Benefit	OT	Overtime									Timesheet	Wage	Exclusion
HELI	HELICOPTER TIME	TIME	Benefit	OT	Overtime									Timesheet	Full Package	Exclusion

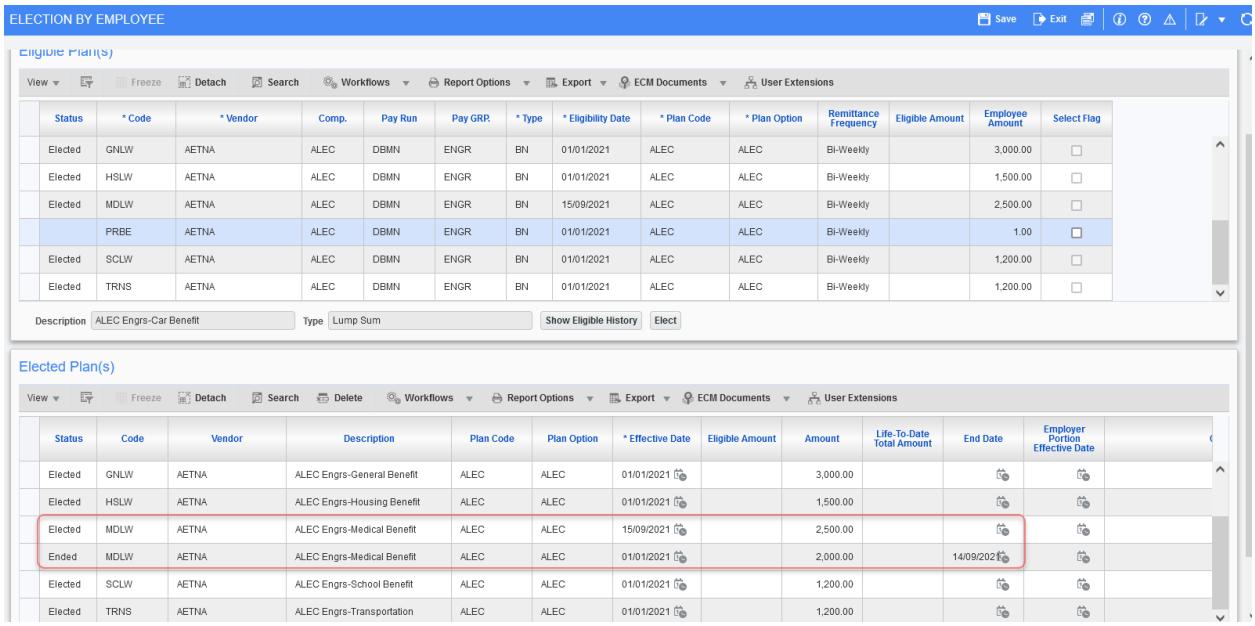
Full and partial leave hours entered:

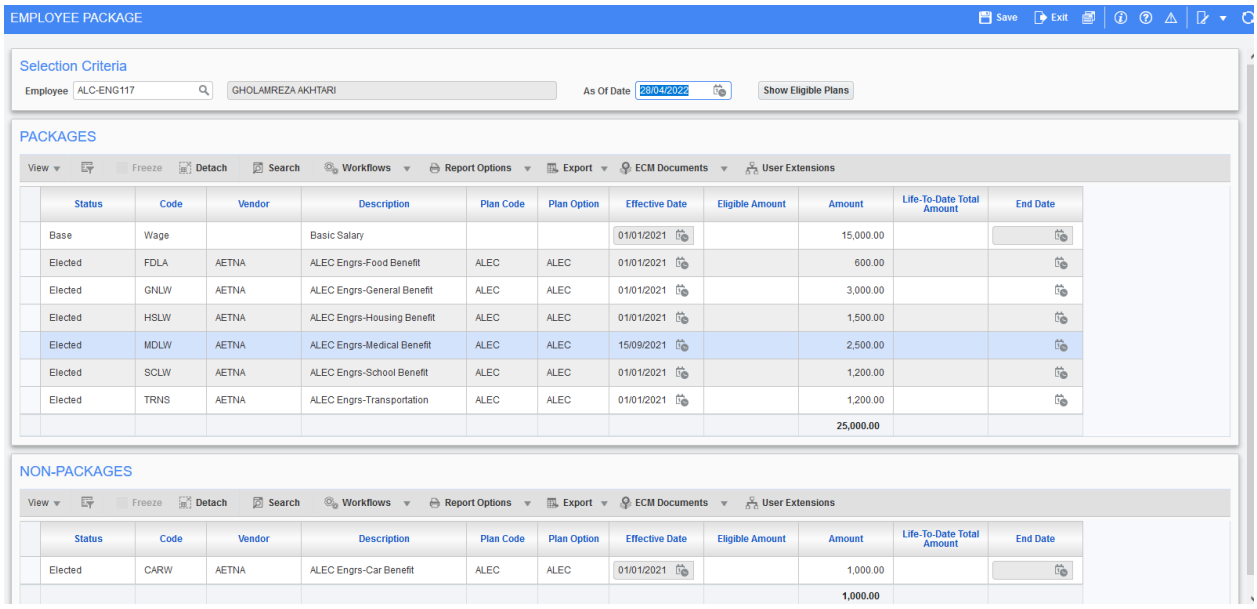


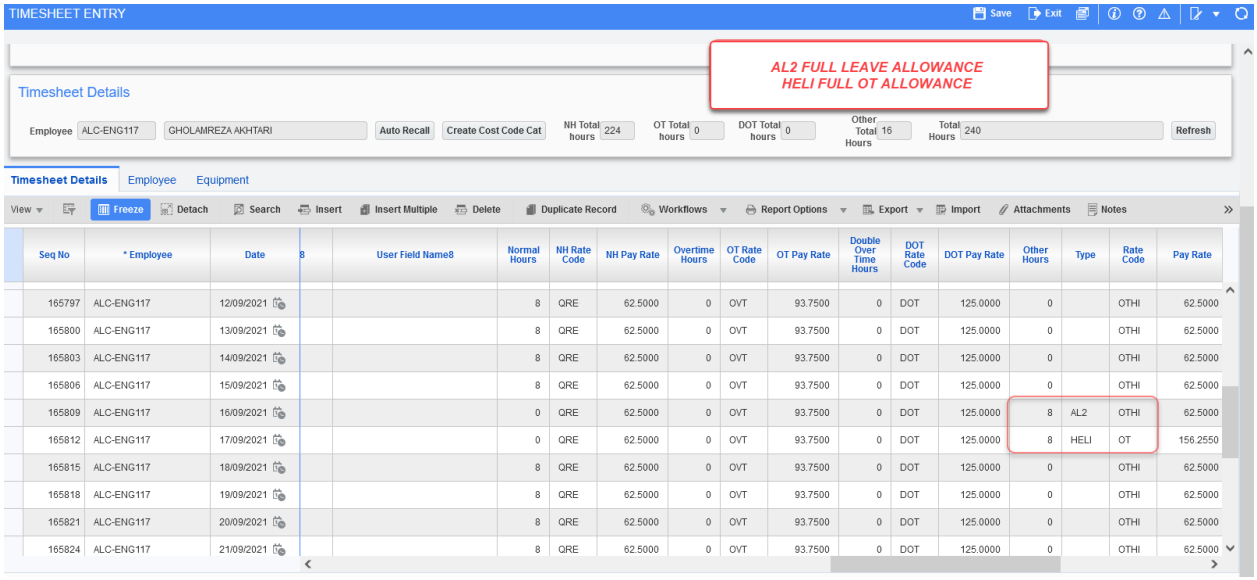
Leave amount paid (Partial Package)	(Base with All alowances excluding food/days in month/hour per day) * leave hours taken	(23900/31/8) * 8 = 770.97
Leave amount paid (Full Package)	(Base with all allowances/days in month/hour per day) * leave hours taken	(24500/31/8) * 8 = 790.32



Testcase # 6: Validate an employee with benefit increase in the middle of a period (OT and leave)

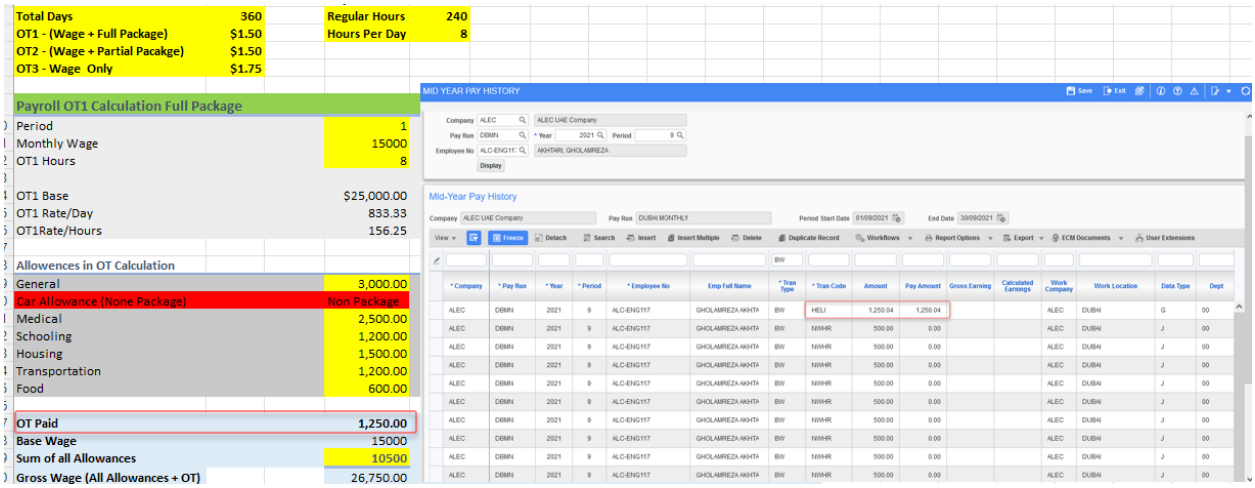




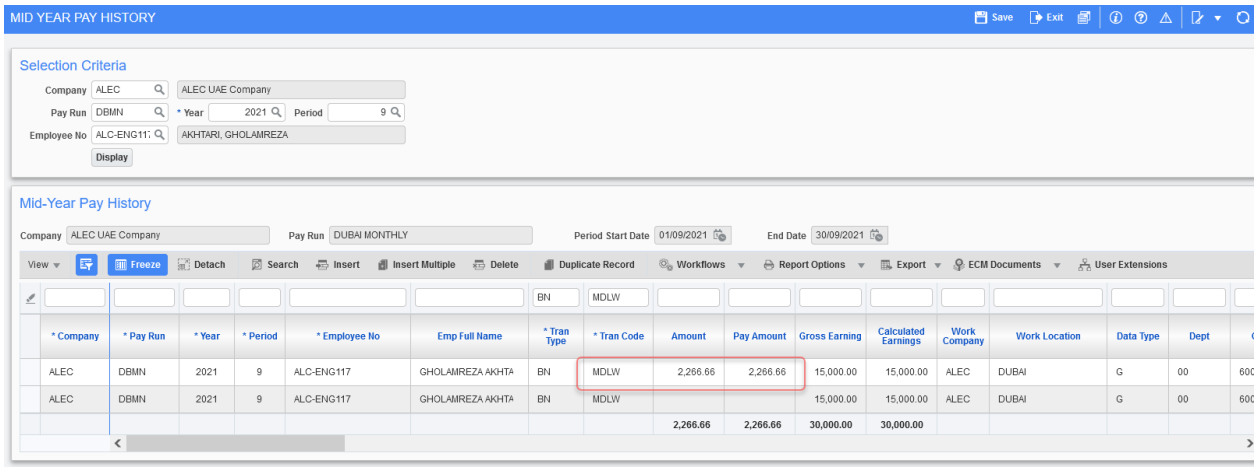


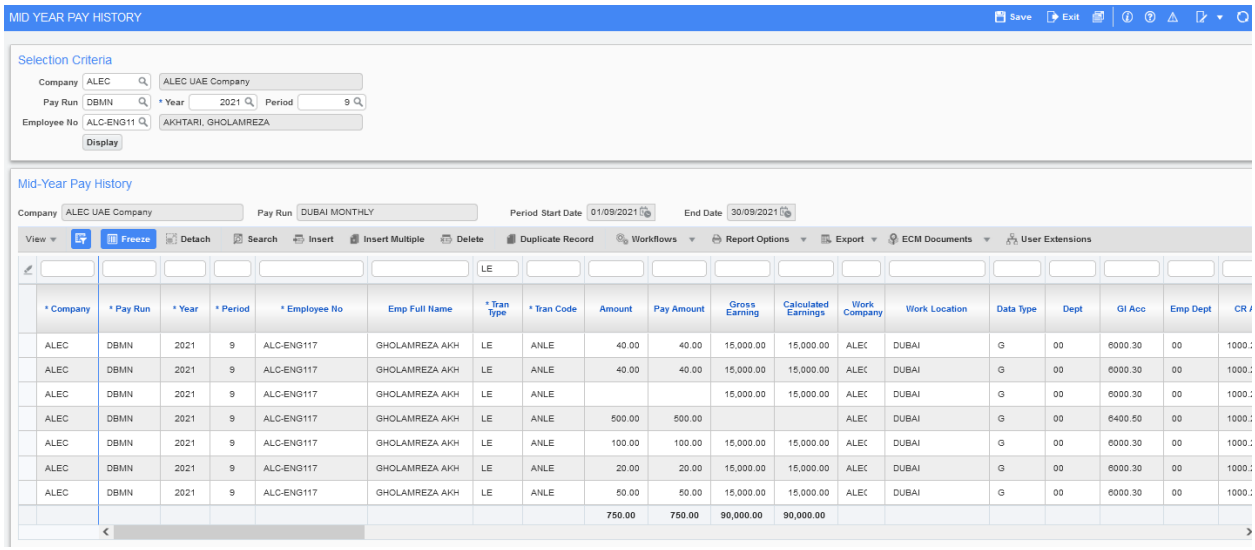
OT CALCULATIONS will not consider or include pro-ration.

Medical allowance would calculate as per the increase.



MDLW: 2000/30*14 + 2500/30 *16 = 2266.66





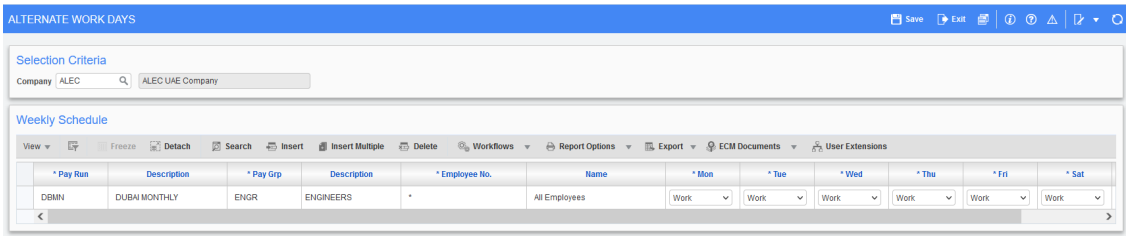
Overtime Rate Calculation on Wages, Partial Packages, and Full Packages - Dubai Region (21.50023/HCM-424)

Overview

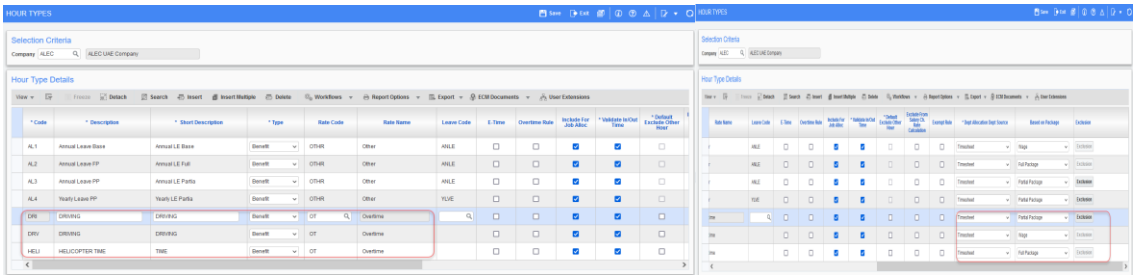
CMIC has implemented a new method to calculate overtime rates based on package. The Hour Types screen has two new columns: “Based on Package” and “Exclusion”. The former is a drop down that shows the three types of packages: wage, partial package (which allows the exclusion of benefits), and full package.

Pre-requisites

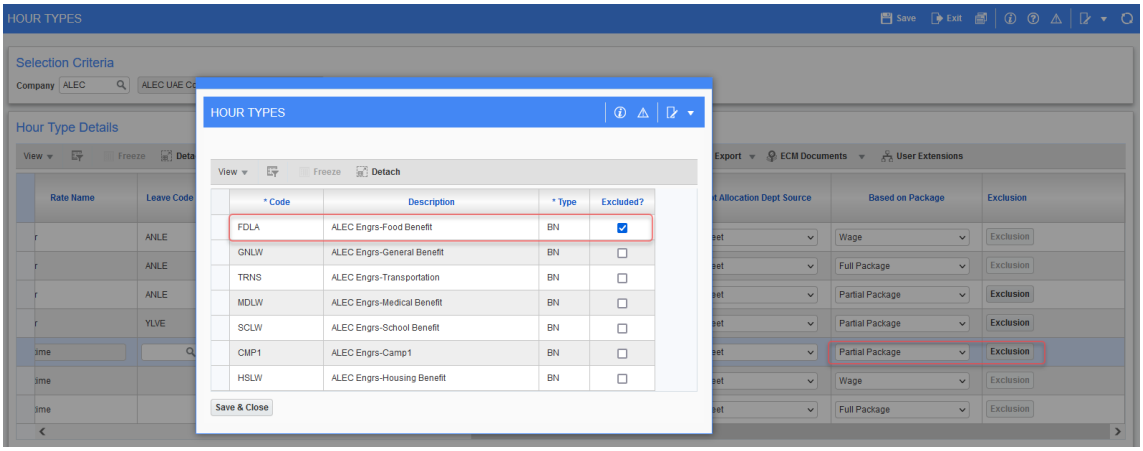
The Alternate Work Days setup required for 7 days a week is shown below.



The two new columns added to Hour Types must be added from the lite editor. Setup under hour types is required for overtime. Below is the setup for overtime packages.



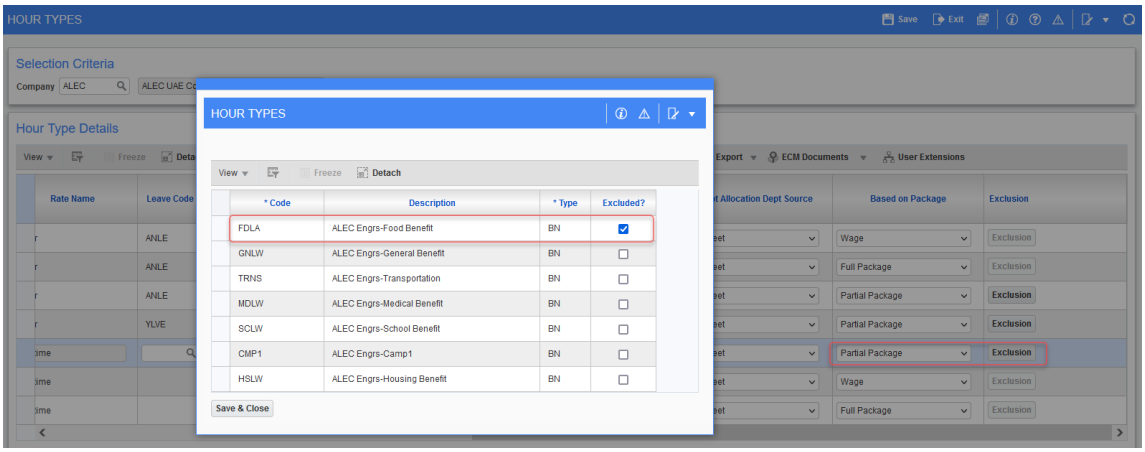
The partial package below excludes food.



Modifications

When the based-on package is set to “Wage”, the other type of overtime calculation are based on the employee’s basic salary. This type of calculation does not include any allowances in the OT rate calculation.

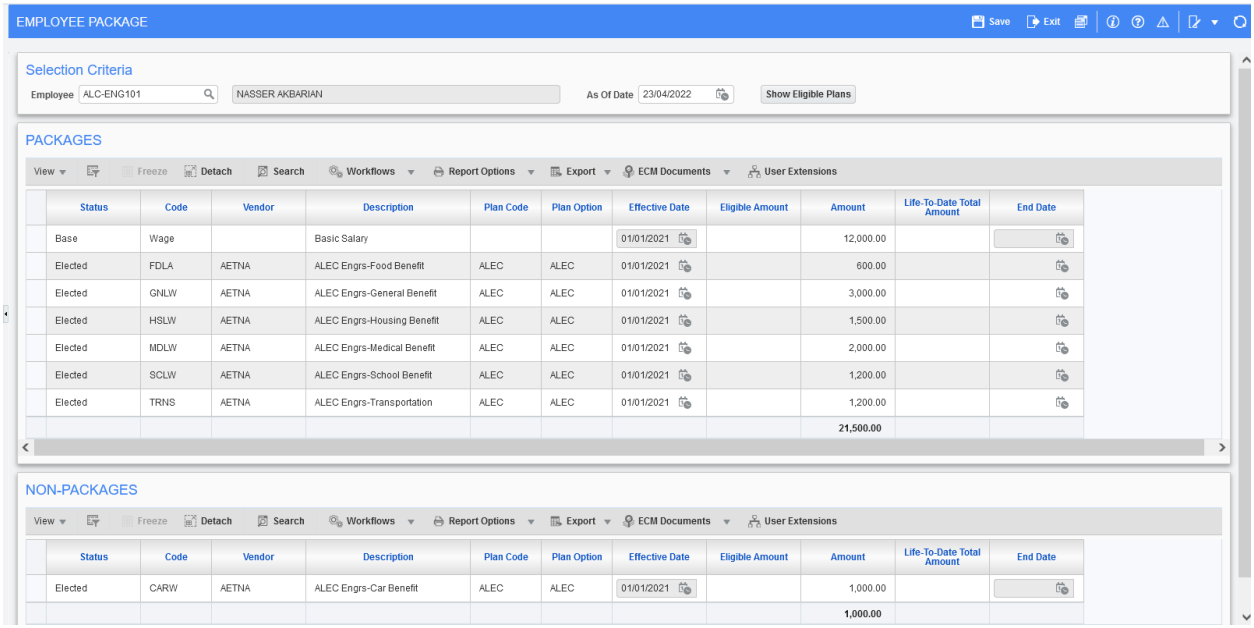
When the based-on package is set to “Partial Package”, CMIC payroll allows users to set up OT based on the employee’s gross wages with the ability to include specific allowances. As shown below, the employee continues to receive all allowances except food in the OT rate calculation.



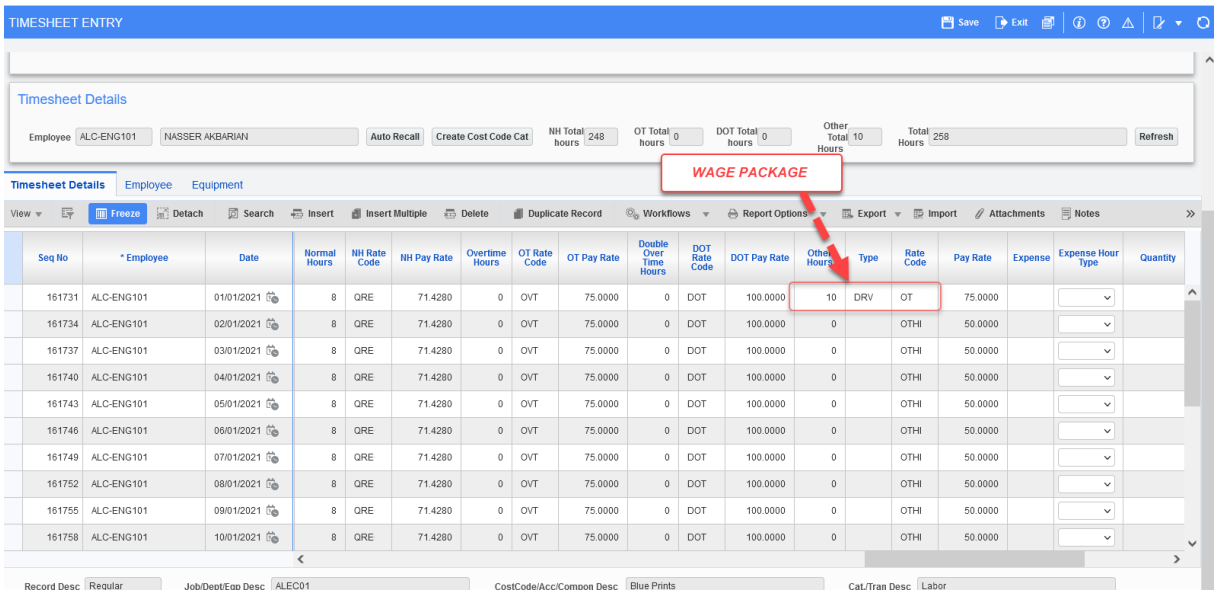
When the based-on package is set to “Full Package”, the calculation will include all allowances benefits employees receive in monthly pay marked as package allowance. Any benefit that has the box checked for include in package will be included in the OT rate calculation.

Implementation

1) Below is an example where the hour type is based on “Wage.

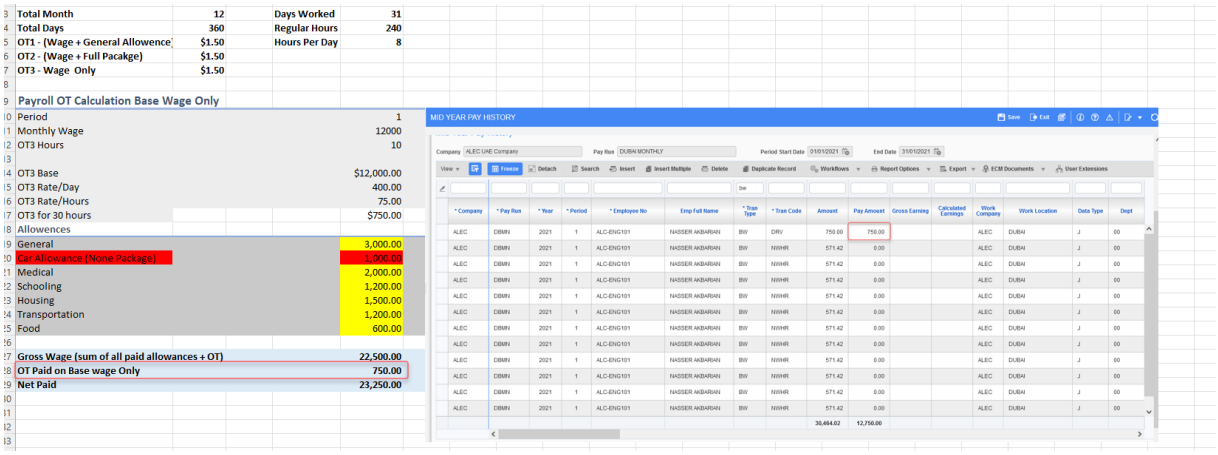


Entered OT hours for a wage package.

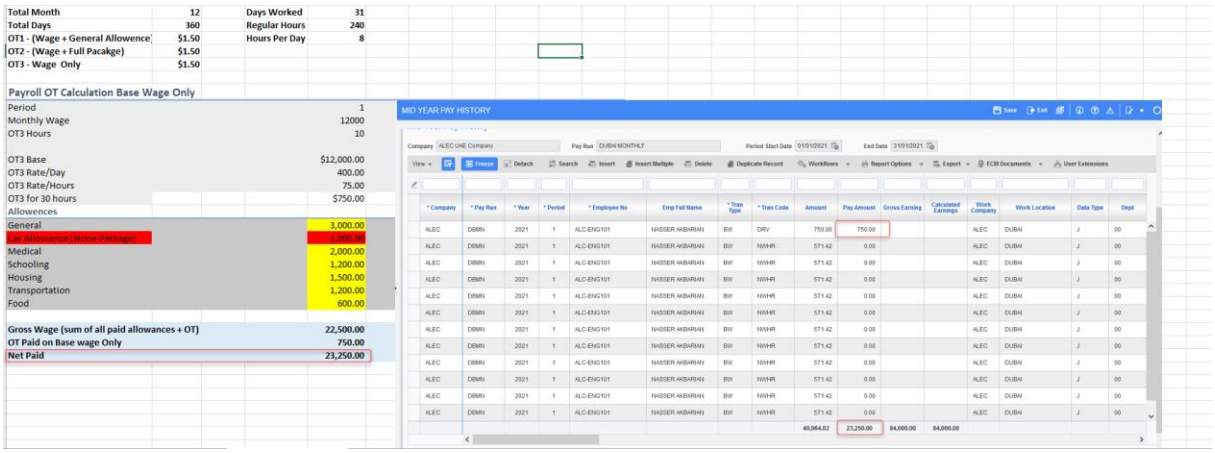


OT calculation for base wage only.

OT Rate Per Day	Base wage * Total Months/Total Days	12000*12/360 = 400
OT Rate per Hour	OT rate per day/Work hours per day * OT rate multiplier (1.5 per hour)	400/8*1.5 = 75
OT Paid Amount	OT rate per hour*OT hours worked	75*10 = 750



Net pay calculated with all allowances.



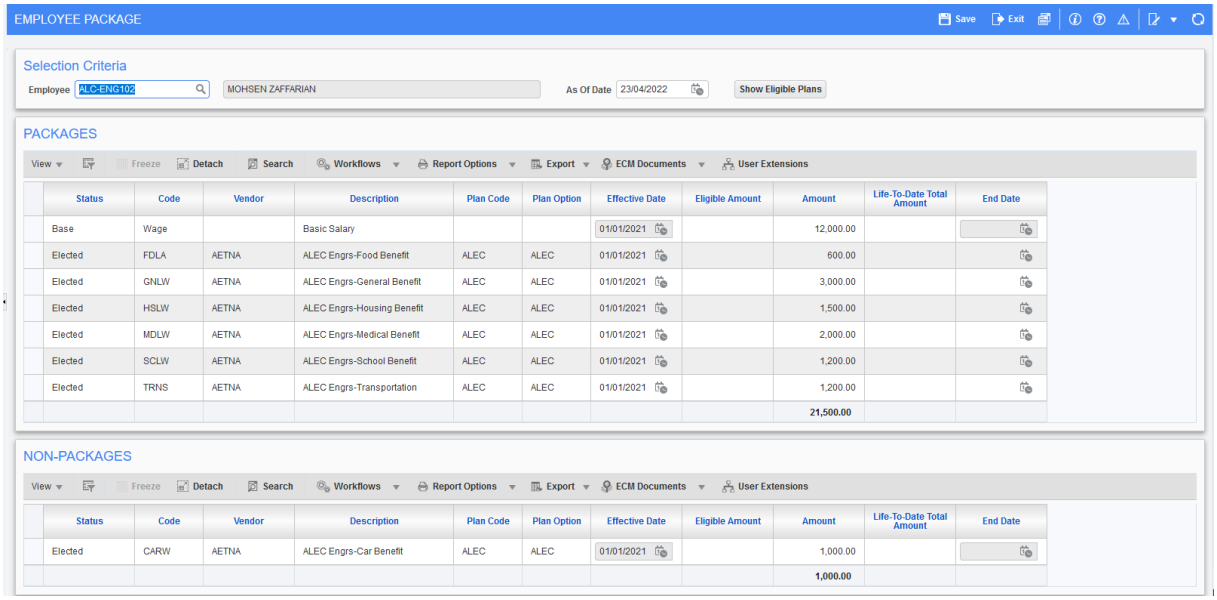
Total Month	12	Days Worked	31
Total Days	360	Regular Hours	240
OT1 - (Wage + General Allowence)	$1.50	Hours Per Day	8
OT2 - (Wage + Full Pacakge)	$1.50		
OT3 - Wage Only	$1.50		

Payroll OT Calculation Base Wage Only

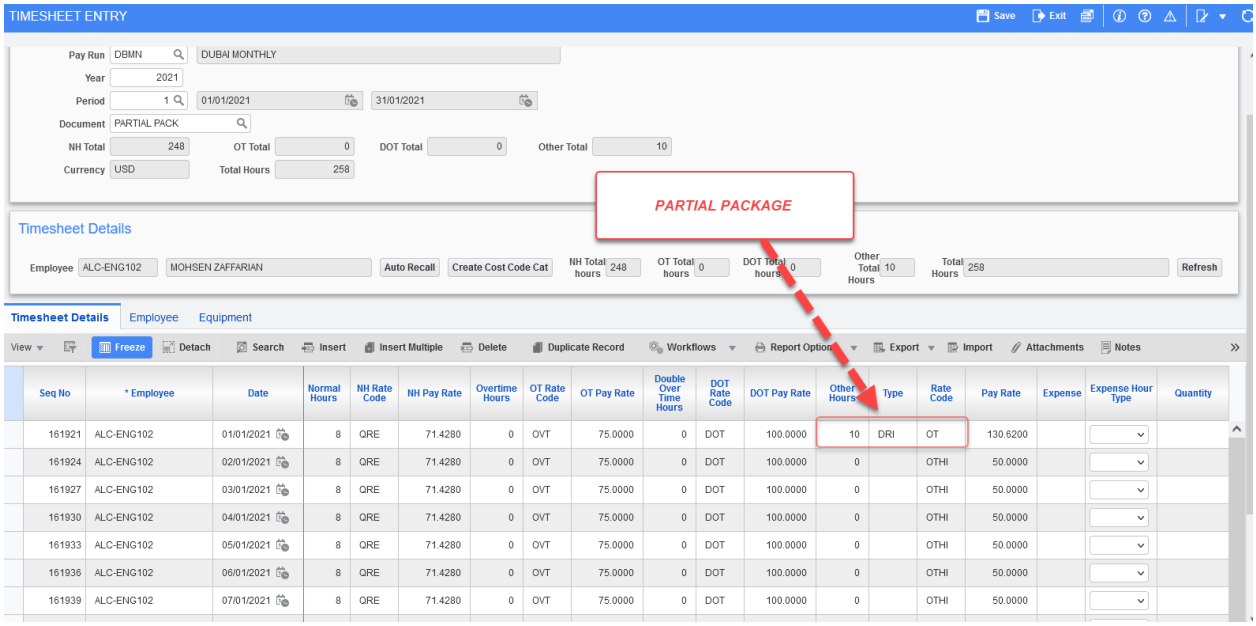
Period	1
Monthly Wage	12000
OT3 Hours	10
OT3 Base	$12,000.00
OT3 Rate/Day	400.00
OT3 Rate/Hours	75.00
OT3 for 30 hours	$750.00
Allowences	
General	3,000.00
Car Allowance (None Package)	1,000.00
Medical	2,000.00
Schooling	1,200.00
Housing	1,500.00
Transportation	1,200.00
Food	600.00
Gross Wage (sum of all paid allowances + OT)	22,500.00
OT Paid on Base wage Only	750.00
Net Paid	23,250.00

MID YEAR PAY HISTORY

2) An example when hour type is based on “Partial Package” where food allowance has been excluded.

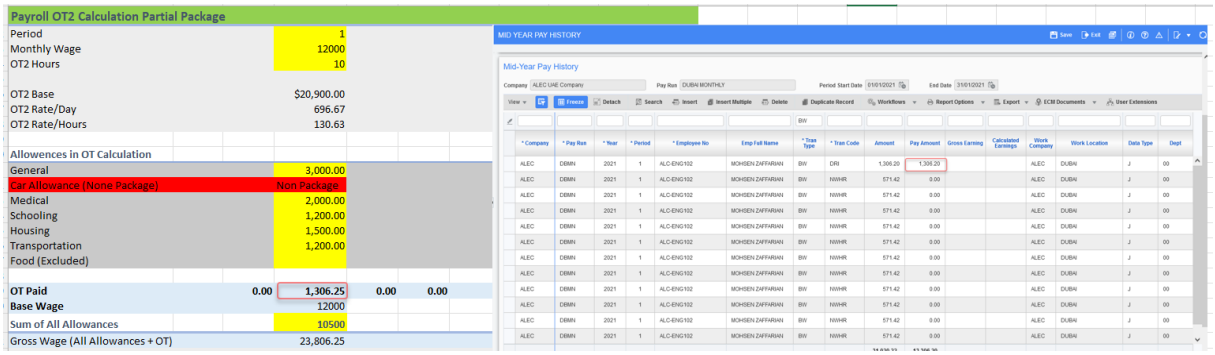


Entered OT hours for a partial package.

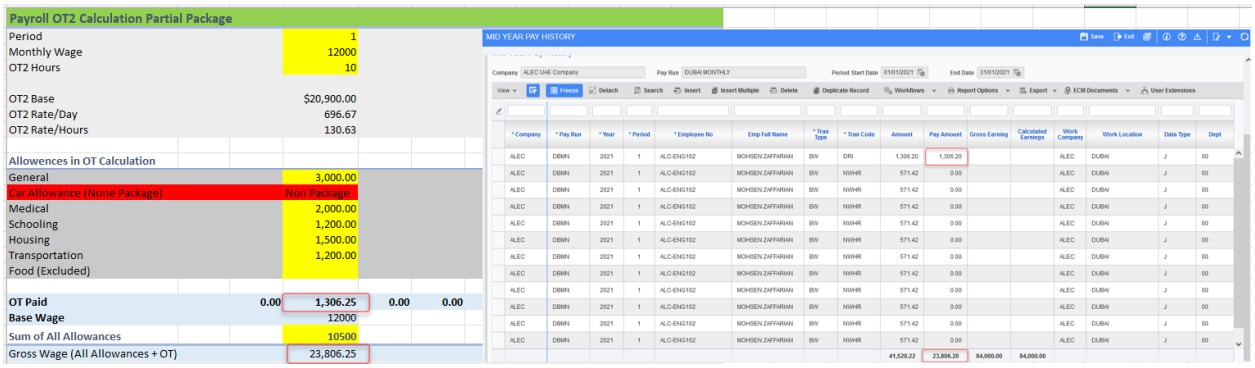


OT calculation for partial package:

OT Rate Per Day	Base wage * Total Months/Total Days	20,900*12/360 = 696.67
OT Rate per Hour	OT rate per day/Work hours per day * OT rate multiplier (1.5 per hour)	696.67/8*1.5 = 130.625
OT Paid Amount	OT rate per hour*OT hours worked	130.625*10 = 1306.25

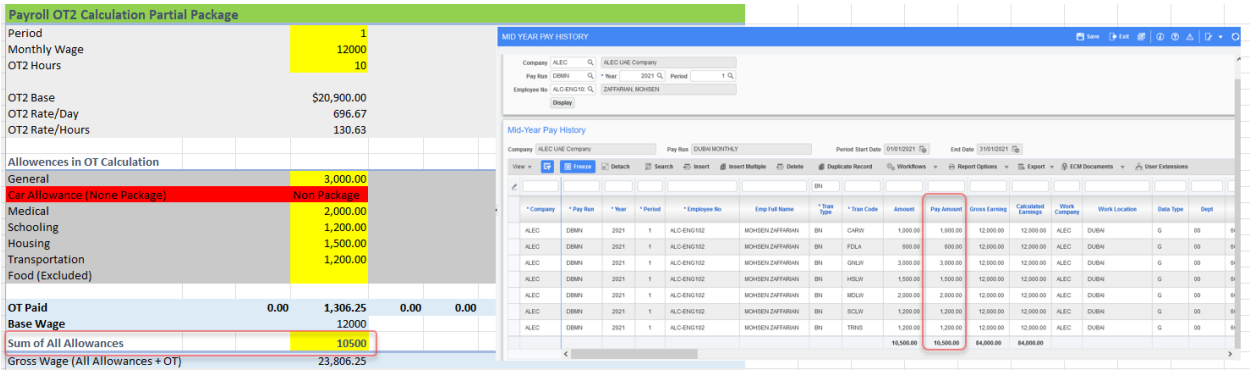


Gross wage calculation:



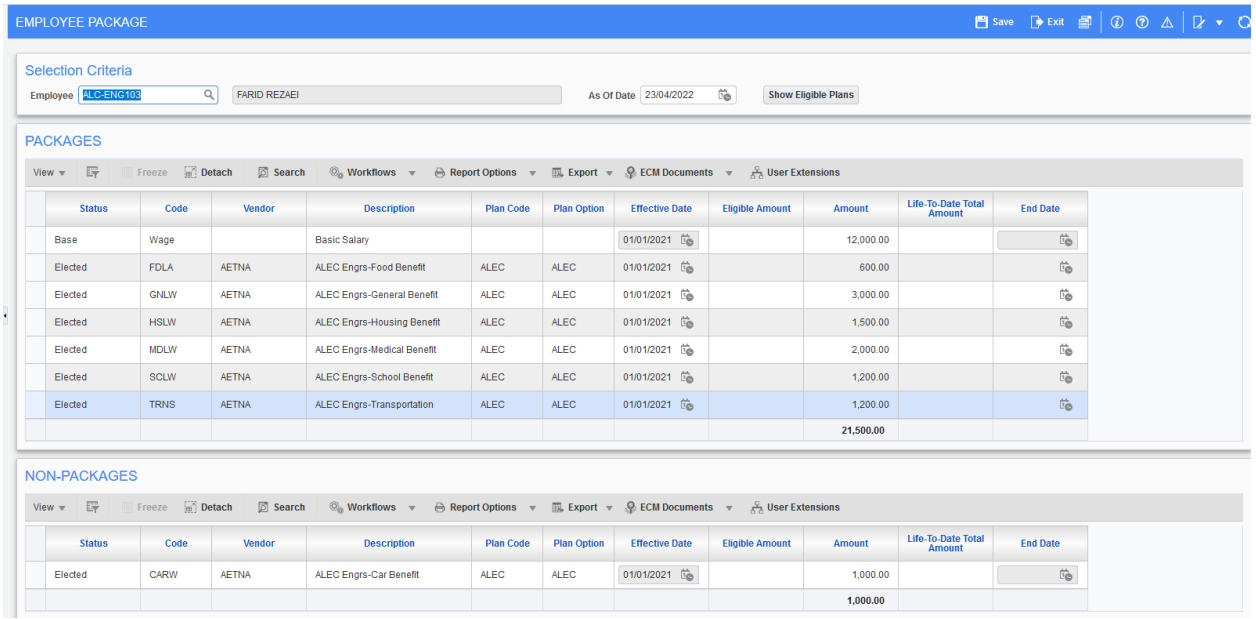
Payroll OT2 Calculation Partial Package				
Period	1			
Monthly Wage	12000			
OT2 Hours	10			
OT2 Base	$20,900.00			
OT2 Rate/Day	696.67			
OT2 Rate/Hours	130.63			
Allowences in OT Calculation				
General	3,000.00			
Car Allowance (None Package)	Non Package			
Medical	2,000.00			
Schooling	1,200.00			
Housing	1,500.00			
Transportation	1,200.00			
Food (Excluded)				
OT Paid	0.00	1,306.25	0.00	0.00
Base Wage		12000		
Sum of All Allowances		10500		
Gross Wage (All Allowances + OT)		23,806.25		

Sum of allowances:

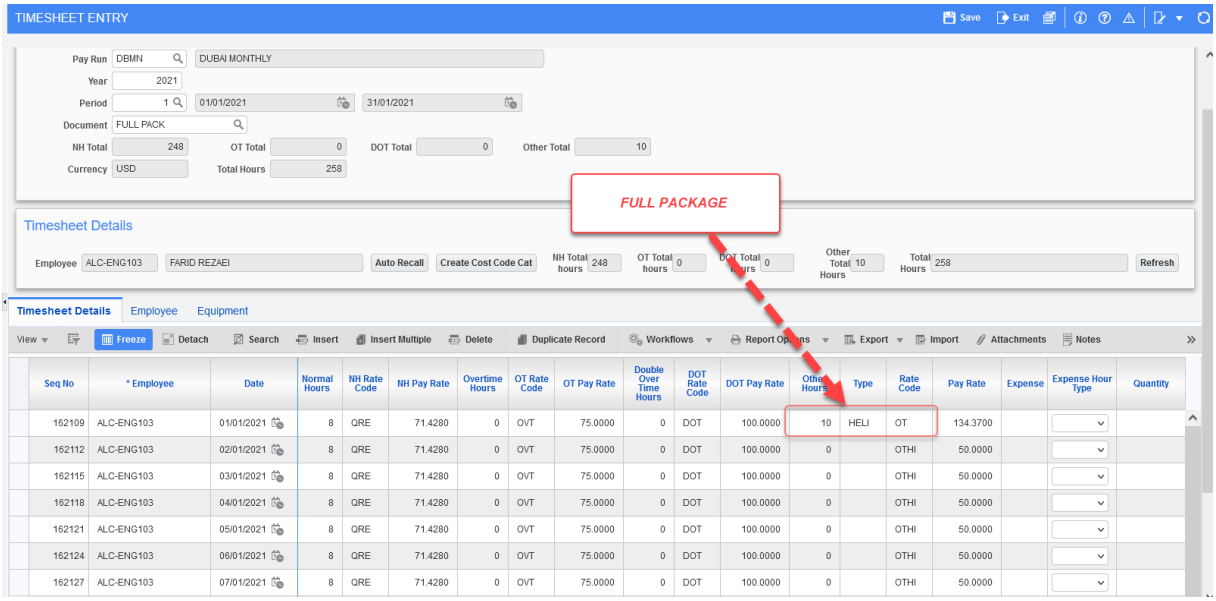


Payroll OT2 Calculation Partial Package				
Period	1			
Monthly Wage	12000			
OT2 Hours	10			
OT2 Base	$20,900.00			
OT2 Rate/Day	696.67			
OT2 Rate/Hours	130.63			
Allowences in OT Calculation				
General	3,000.00			
Car Allowance (None Package)	Non Package			
Medical	2,000.00			
Schooling	1,200.00			
Housing	1,500.00			
Transportation	1,200.00			
Food (Excluded)				
OT Paid	0.00	1,306.25	0.00	0.00
Base Wage		12000		
Sum of All Allowances		10500		
Gross Wage (All Allowances + OT)		23,806.25		

3) An example when hour type is based on “Full Package”.

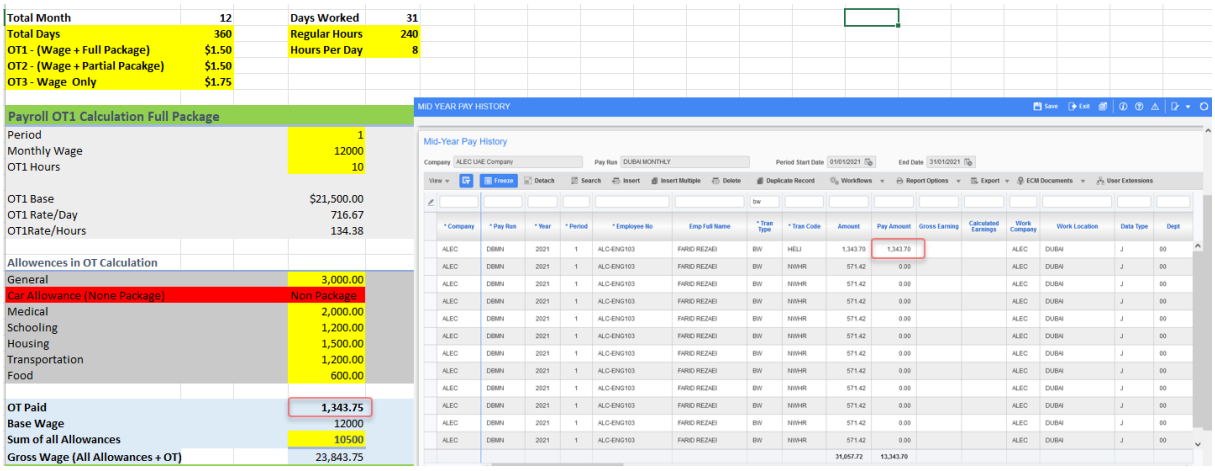


Entered OT hours for full package.

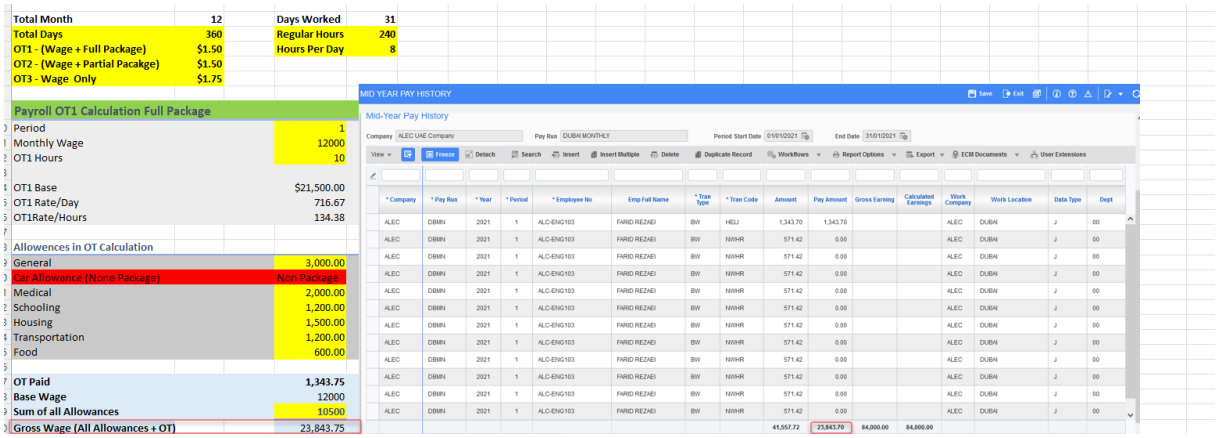


OT calculations for full package.

OT Rate Per Day	Base wage * Total Months/Total Days	21,500*12/360 = 716.67
OT Rate per Hour	OT rate per day/Work hours per day * OT rate multiplier (1.5 per hour)	716.67/8*1.5 = 134.38
OT Paid Amount	OT rate per hour*OT hours worked	134.38*10 = 1343.75



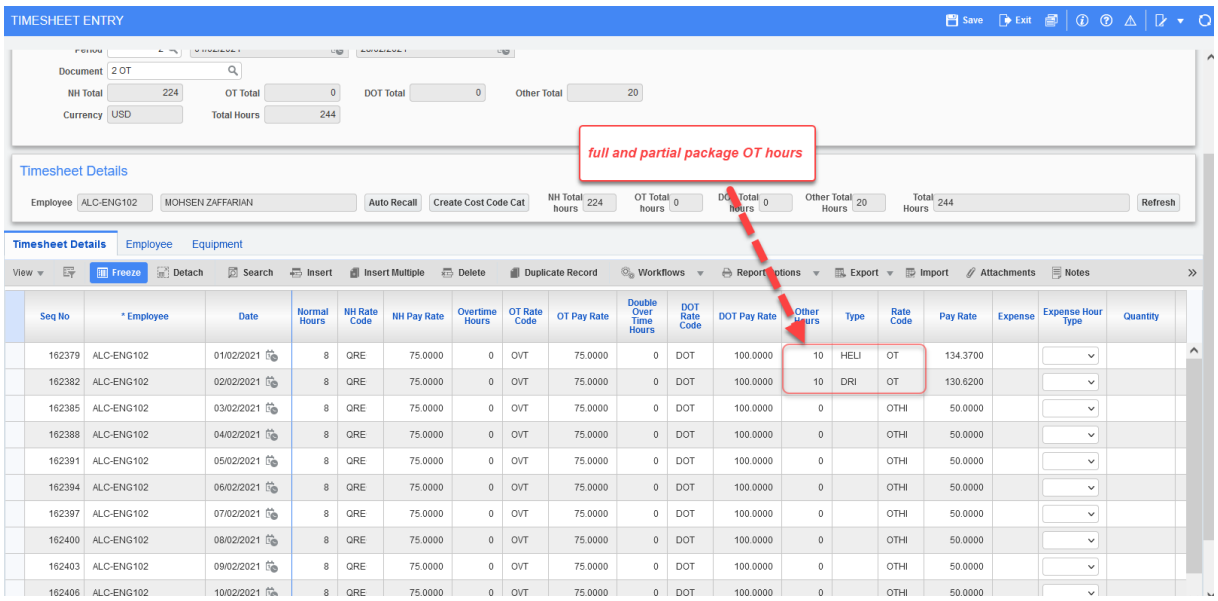
Gross wage calculation.



Total Month	12	Days Worked	31
Total Days	360	Regular Hours	240
OT1 - (Wage + Full Package)	$1.50	Hours Per Day	8
OT2 - (Wage + Partial Pacakge)	$1.50		
OT3 - Wage Only	$1.75		

Payroll OT1 Calculation Full Package	
Period	1
Monthly Wage	12000
OT1 Hours	10
OT1 Base	$21,500.00
OT1 Rate/Day	716.67
OT1Rate/Hours	134.38
Allowences in OT Calculation	
General	3,000.00
Car Allowance (None Package)	Non Package
Medical	2,000.00
Schooling	1,200.00
Housing	1,500.00
Transportation	1,200.00
Food	600.00
OT Paid	1,343.75
Base Wage	12000
Sum of all Allowances	10500
Gross Wage (All Allowances + OT)	23,843.75

4) An example of two overtime packages (Full and partial package OT hours).



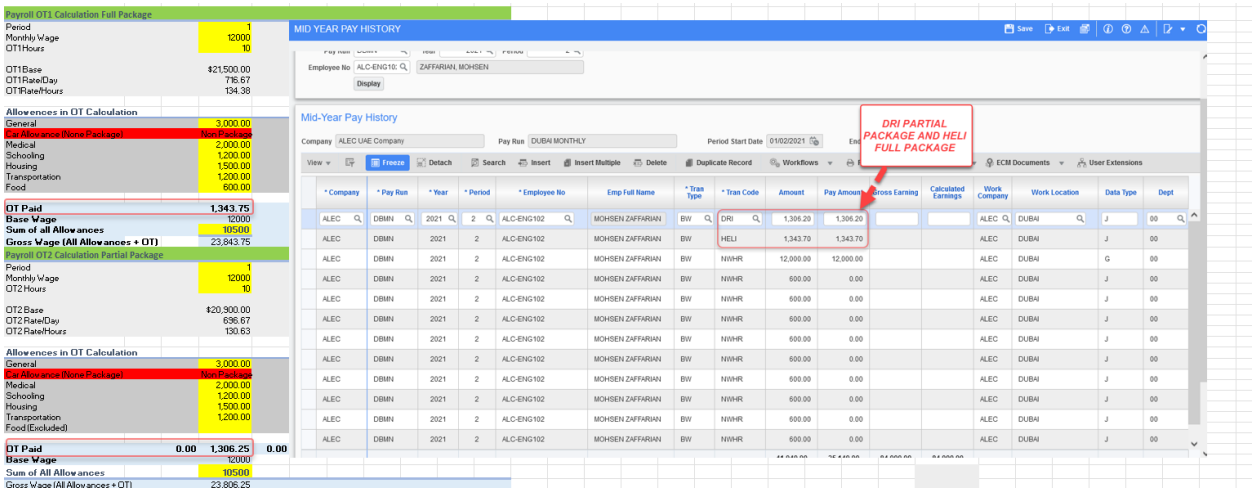
Seq No	* Employee	Date	Normal Hours	NH Rate Code	NH Pay Rate	Overtime Hours	OT Rate Code	OT Pay Rate	Double Over Time Hours	DOT Rate Code	DOT Pay Rate	Other Hours	Type	Rate Code	Pay Rate	Expense	Expense Hour Type	Quantity
162379	ALC-ENG102	01/02/2021	8	QRE	75.0000	0	OVT	75.0000	0	DOT	100.0000	10	HELI	OT	134.3700			
162382	ALC-ENG102	02/02/2021	8	QRE	75.0000	0	OVT	75.0000	0	DOT	100.0000	10	DRI	OT	130.6200			
162385	ALC-ENG102	03/02/2021	8	QRE	75.0000	0	OVT	75.0000	0	DOT	100.0000	0		OTHI	50.0000			
162388	ALC-ENG102	04/02/2021	8	QRE	75.0000	0	OVT	75.0000	0	DOT	100.0000	0		OTHI	50.0000			
162391	ALC-ENG102	05/02/2021	8	QRE	75.0000	0	OVT	75.0000	0	DOT	100.0000	0		OTHI	50.0000			
162394	ALC-ENG102	06/02/2021	8	QRE	75.0000	0	OVT	75.0000	0	DOT	100.0000	0		OTHI	50.0000			
162397	ALC-ENG102	07/02/2021	8	QRE	75.0000	0	OVT	75.0000	0	DOT	100.0000	0		OTHI	50.0000			
162400	ALC-ENG102	08/02/2021	8	QRE	75.0000	0	OVT	75.0000	0	DOT	100.0000	0		OTHI	50.0000			
162403	ALC-ENG102	09/02/2021	8	QRE	75.0000	0	OVT	75.0000	0	DOT	100.0000	0		OTHI	50.0000			
162406	ALC-ENG102	10/02/2021	8	QRE	75.0000	0	OVT	75.0000	0	DOT	100.0000	0		OTHI	50.0000			

OT partial calculations:

OT Rate Per Day	Base wage * Total Months/Total Days	20,900*12/360 = 696.67
OT Rate per Hour	OT rate per day/Work hours per day * OT rate multiplier (1.5 per hour)	696.67/8*1.5 = 130.625
OT Paid Amount	OT rate per hour*OT hours worked	130.625*10 = 1306.25

OT full package calculations:

OT Rate Per Day	Base wage * Total Months/Total Days	21,500*12/360 = 716.67
OT Rate per Hour	OT rate per day/Work hours per day * OT rate multiplier (1.5 per hour)	716.67/8*1.5 = 134.38
OT Paid Amount	OT rate per hour*OT hours worked	134.38*10 = 1343.75



Company Loans and Advances – Added New Pro-Rate Flag

(21.50025/HCM-560)

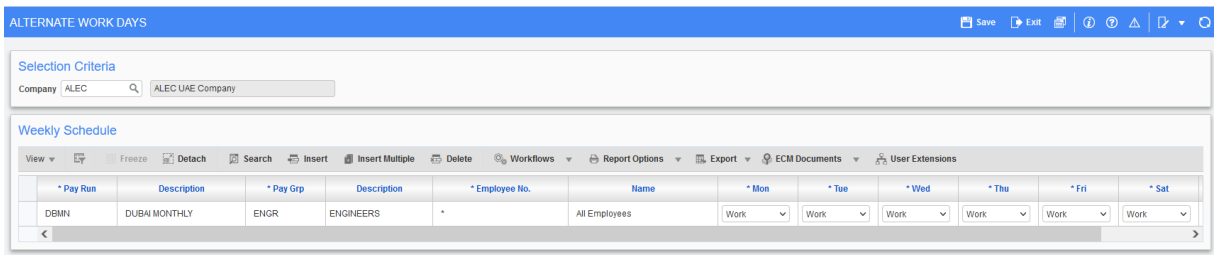
Overview

CMIC has implemented a new flag to pro-rate loans and advances for Dubai region. Loans and advances will now pro-rate based on the number of days the employee started working or got terminated. This functionality is like the pro-ration of lump sum benefit amount.

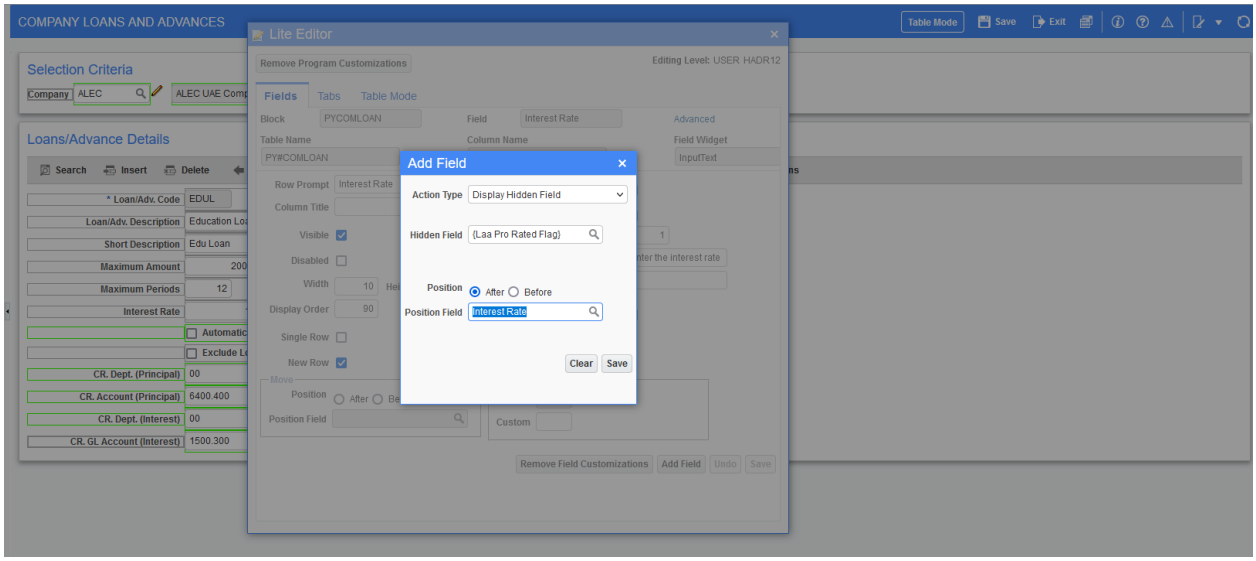
NOTE: This functionality is available for US Payroll and International Payroll.

Pre-requisites

3) Alternate work days under company is required to be set to 7 working days as per Dubai region working days.



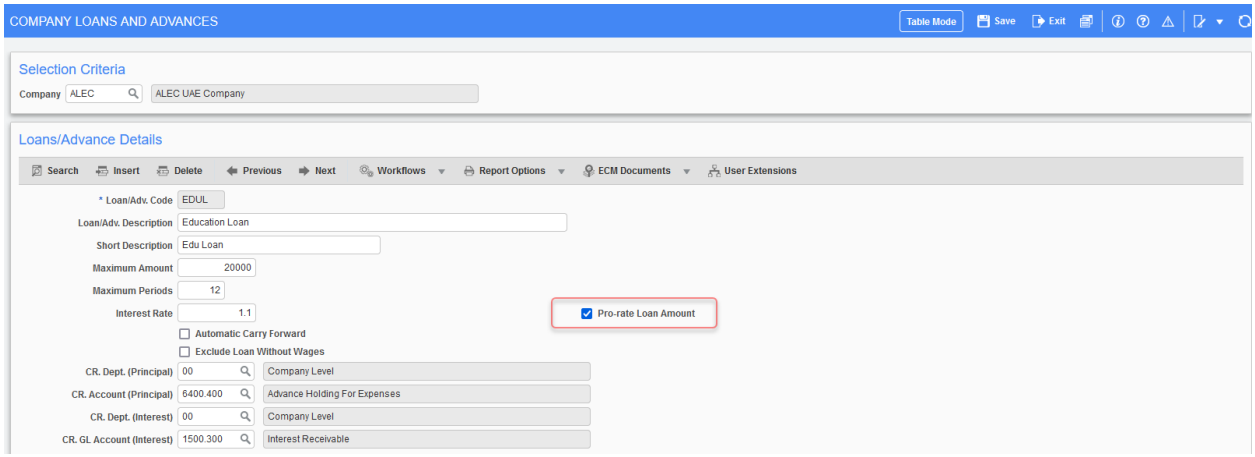
4) The pro-rate loan amount flag needs to be added from the lite editor:



Modifications

The loan processing is modified to pro-rate the loan principal or interest amount based on employee workdays.

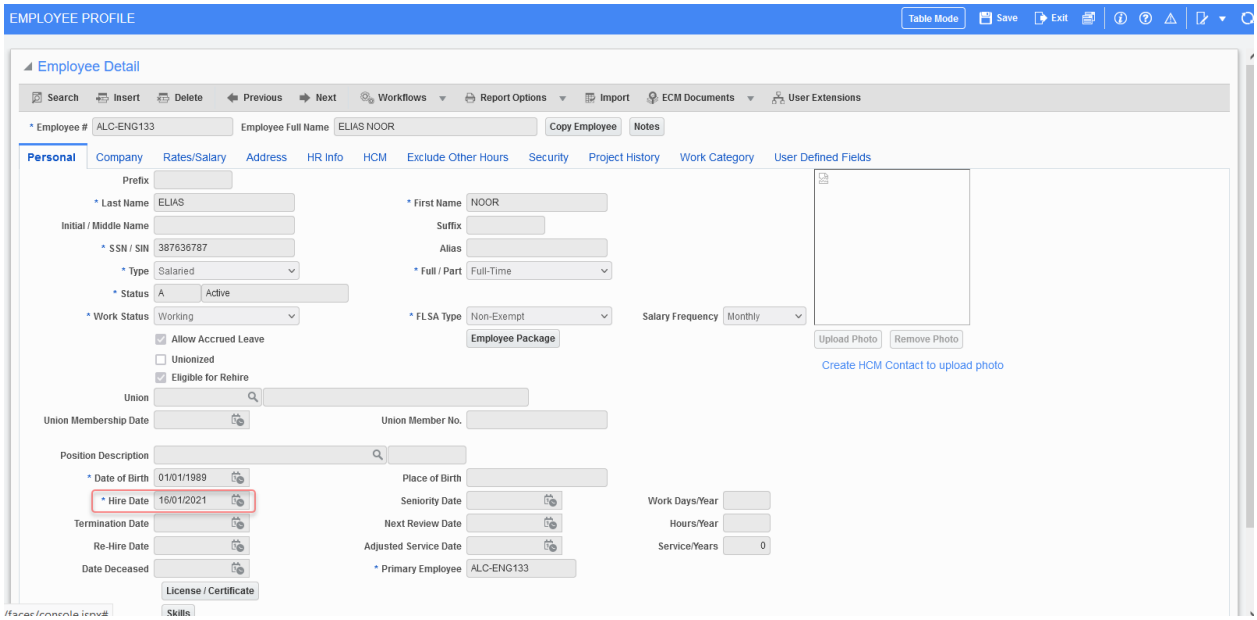
Company loan and advances screen has a new flag of “Pro-rate loan amount” added.



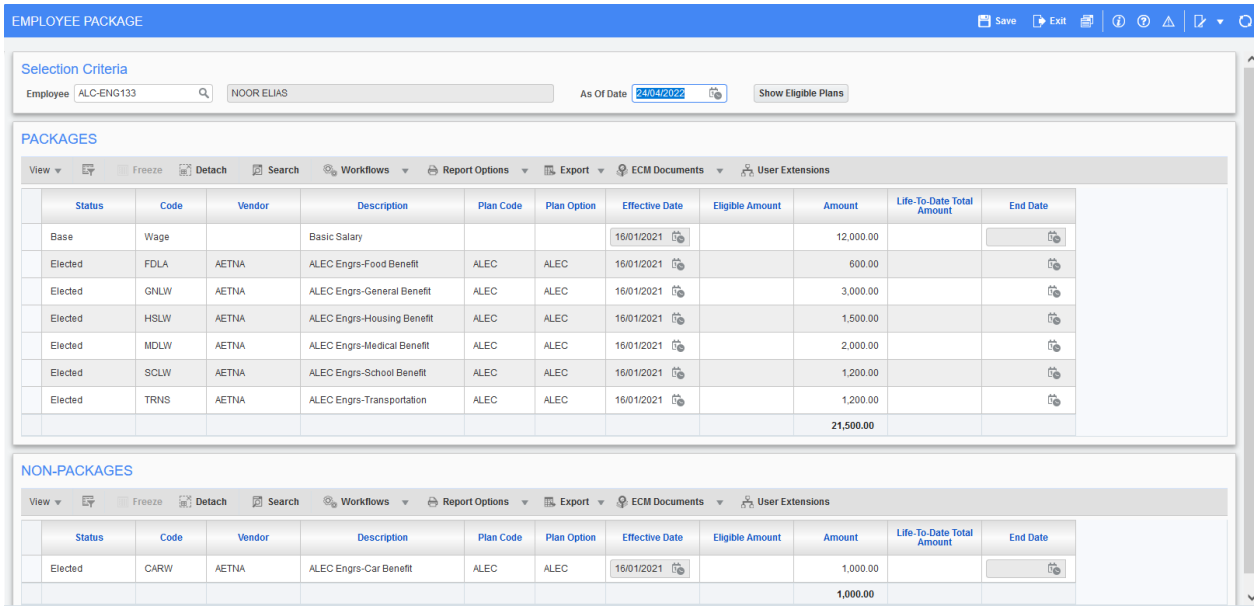
Implementation

An example of an employee hired mid period with a loan that has its pro-ration loan amount flag checked.

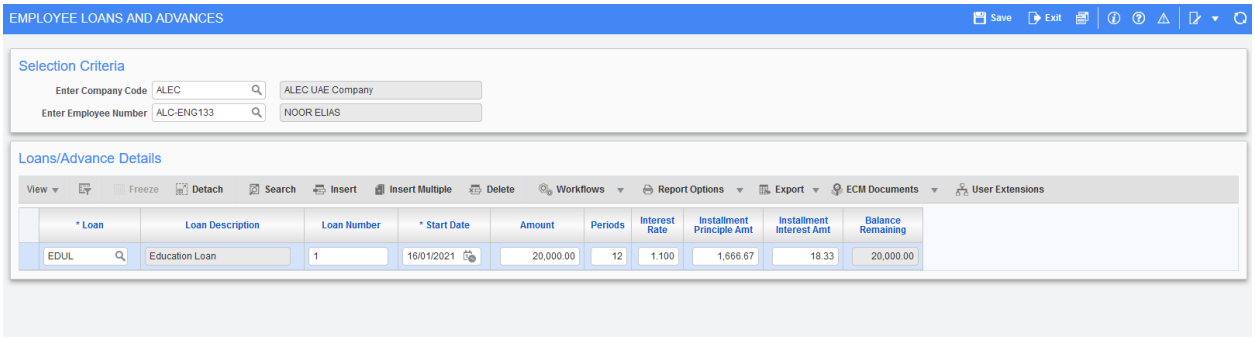
1) Employee hired mid period 16 of January 2021.



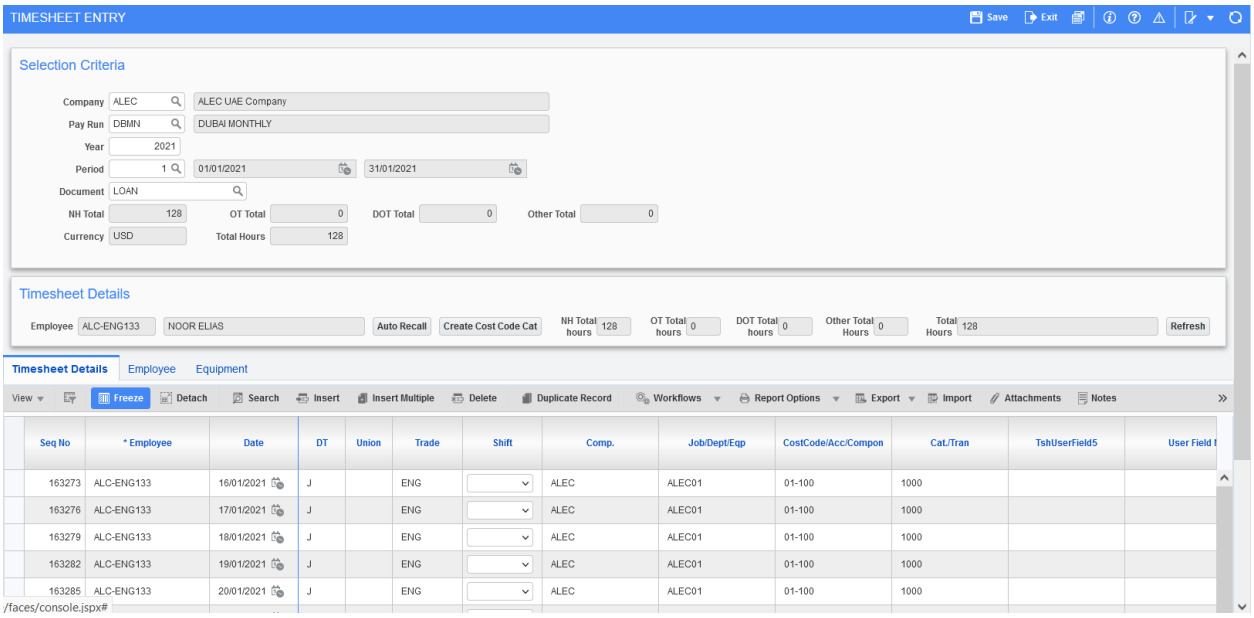
Employee package screen:



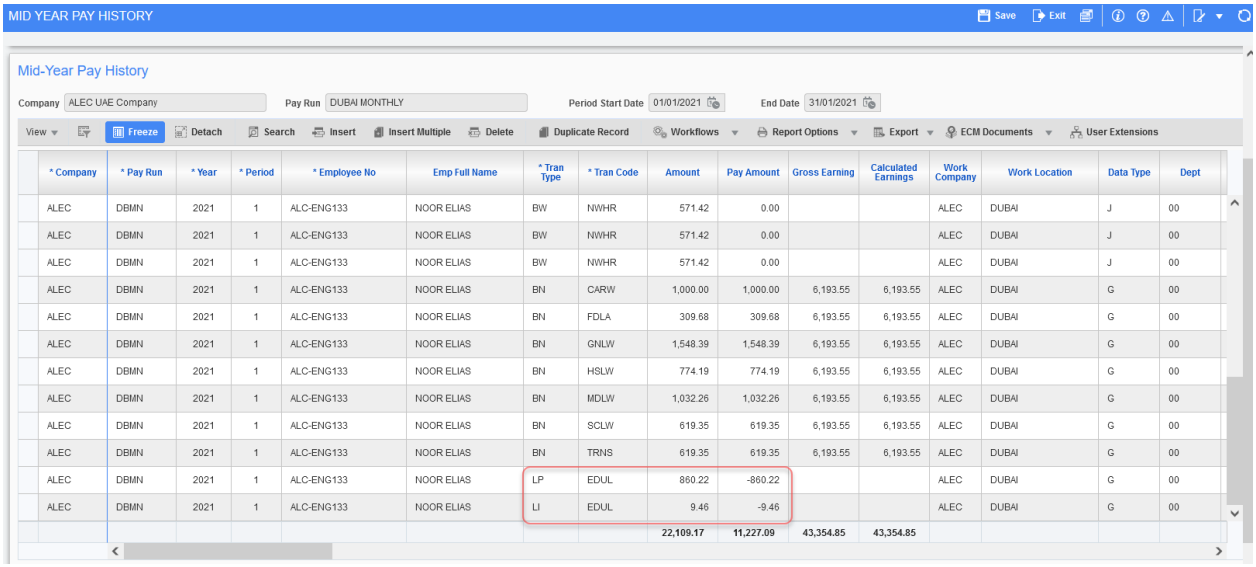
2) Assign the loan to the employee under employee loan and advances screen:



3) Enter timesheet for the employee for 16 days of work:



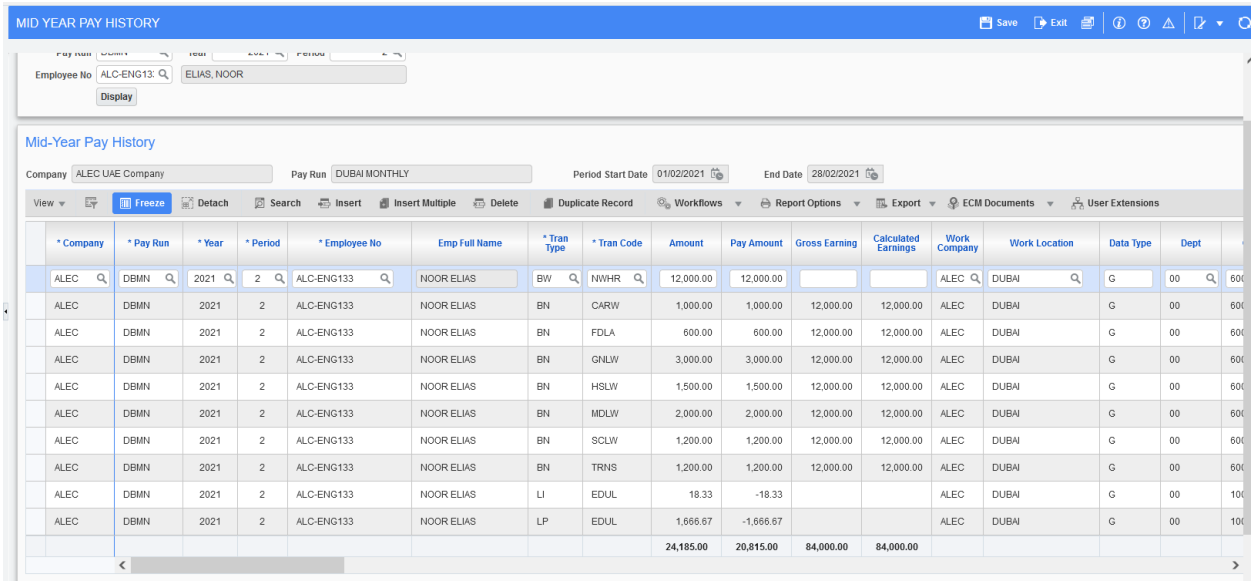
4) Mid year pay history would show the amount calculated after payroll processing:



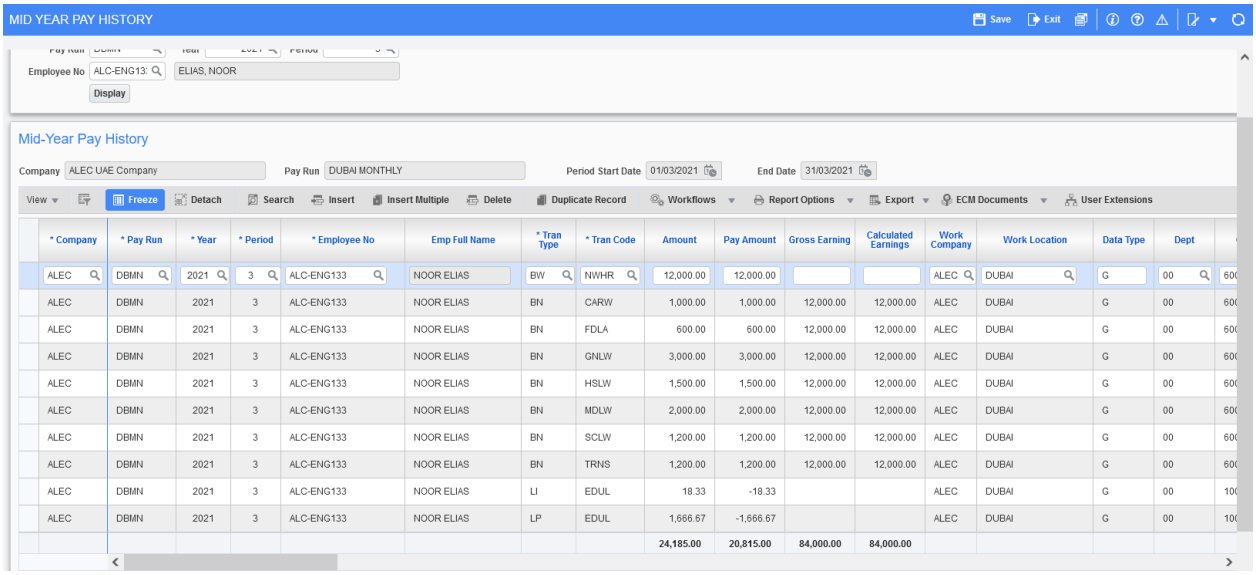
* Company	* Pay Run	* Year	* Period	* Employee No	Emp Full Name	* Tran Type	* Tran Code	Amount	Pay Amount	Gross Earning	Calculated Earnings	Work Company	Work Location	Data Type	Dept
ALEC	DBMN	2021	1	ALC-ENG133	NOOR ELIAS	BW	NWHR	571.42	0.00			ALEC	DUBAI	J	00
ALEC	DBMN	2021	1	ALC-ENG133	NOOR ELIAS	BW	NWHR	571.42	0.00			ALEC	DUBAI	J	00
ALEC	DBMN	2021	1	ALC-ENG133	NOOR ELIAS	BW	NWHR	571.42	0.00			ALEC	DUBAI	J	00
ALEC	DBMN	2021	1	ALC-ENG133	NOOR ELIAS	BN	CARW	1,000.00	1,000.00	6,193.55	6,193.55	ALEC	DUBAI	G	00
ALEC	DBMN	2021	1	ALC-ENG133	NOOR ELIAS	BN	FDLA	309.68	309.68	6,193.55	6,193.55	ALEC	DUBAI	G	00
ALEC	DBMN	2021	1	ALC-ENG133	NOOR ELIAS	BN	GNLW	1,548.39	1,548.39	6,193.55	6,193.55	ALEC	DUBAI	G	00
ALEC	DBMN	2021	1	ALC-ENG133	NOOR ELIAS	BN	HSLW	774.19	774.19	6,193.55	6,193.55	ALEC	DUBAI	G	00
ALEC	DBMN	2021	1	ALC-ENG133	NOOR ELIAS	BN	MDLW	1,032.26	1,032.26	6,193.55	6,193.55	ALEC	DUBAI	G	00
ALEC	DBMN	2021	1	ALC-ENG133	NOOR ELIAS	BN	SCLW	619.35	619.35	6,193.55	6,193.55	ALEC	DUBAI	G	00
ALEC	DBMN	2021	1	ALC-ENG133	NOOR ELIAS	BN	TRNS	619.35	619.35	6,193.55	6,193.55	ALEC	DUBAI	G	00
ALEC	DBMN	2021	1	ALC-ENG133	NOOR ELIAS	LP	EDUL	860.22	-860.22			ALEC	DUBAI	G	00
ALEC	DBMN	2021	1	ALC-ENG133	NOOR ELIAS	LI	EDUL	9.46	-9.46			ALEC	DUBAI	G	00
								22,109.17	11,227.09	43,354.85	43,354.85				

5) Calculations for LP and LI pro-rated for 16 days of work:
LP = 1666.67/31 * 16 = 860.22
LI = 18.33/31 * 16 = 9.46

6) LP and LI will show in full amounts for the next periods of work:



* Company	* Pay Run	* Year	* Period	* Employee No	Emp Full Name	* Tran Type	* Tran Code	Amount	Pay Amount	Gross Earning	Calculated Earnings	Work Company	Work Location	Data Type	Dept
ALEC	DBMN	2021	2	ALC-ENG133	NOOR ELIAS	BW	NWHR	12,000.00	12,000.00			ALEC	DUBAI	G	00
ALEC	DBMN	2021	2	ALC-ENG133	NOOR ELIAS	BN	CARW	1,000.00	1,000.00	12,000.00	12,000.00	ALEC	DUBAI	G	00
ALEC	DBMN	2021	2	ALC-ENG133	NOOR ELIAS	BN	FDLA	600.00	600.00	12,000.00	12,000.00	ALEC	DUBAI	G	00
ALEC	DBMN	2021	2	ALC-ENG133	NOOR ELIAS	BN	GNLW	3,000.00	3,000.00	12,000.00	12,000.00	ALEC	DUBAI	G	00
ALEC	DBMN	2021	2	ALC-ENG133	NOOR ELIAS	BN	HSLW	1,500.00	1,500.00	12,000.00	12,000.00	ALEC	DUBAI	G	00
ALEC	DBMN	2021	2	ALC-ENG133	NOOR ELIAS	BN	MDLW	2,000.00	2,000.00	12,000.00	12,000.00	ALEC	DUBAI	G	00
ALEC	DBMN	2021	2	ALC-ENG133	NOOR ELIAS	BN	SCLW	1,200.00	1,200.00	12,000.00	12,000.00	ALEC	DUBAI	G	00
ALEC	DBMN	2021	2	ALC-ENG133	NOOR ELIAS	BN	TRNS	1,200.00	1,200.00	12,000.00	12,000.00	ALEC	DUBAI	G	00
ALEC	DBMN	2021	2	ALC-ENG133	NOOR ELIAS	LI	EDUL	18.33	-18.33			ALEC	DUBAI	G	00
ALEC	DBMN	2021	2	ALC-ENG133	NOOR ELIAS	LP	EDUL	1,666.67	-1,666.67			ALEC	DUBAI	G	00
								24,185.00	20,815.00	84,000.00	84,000.00				



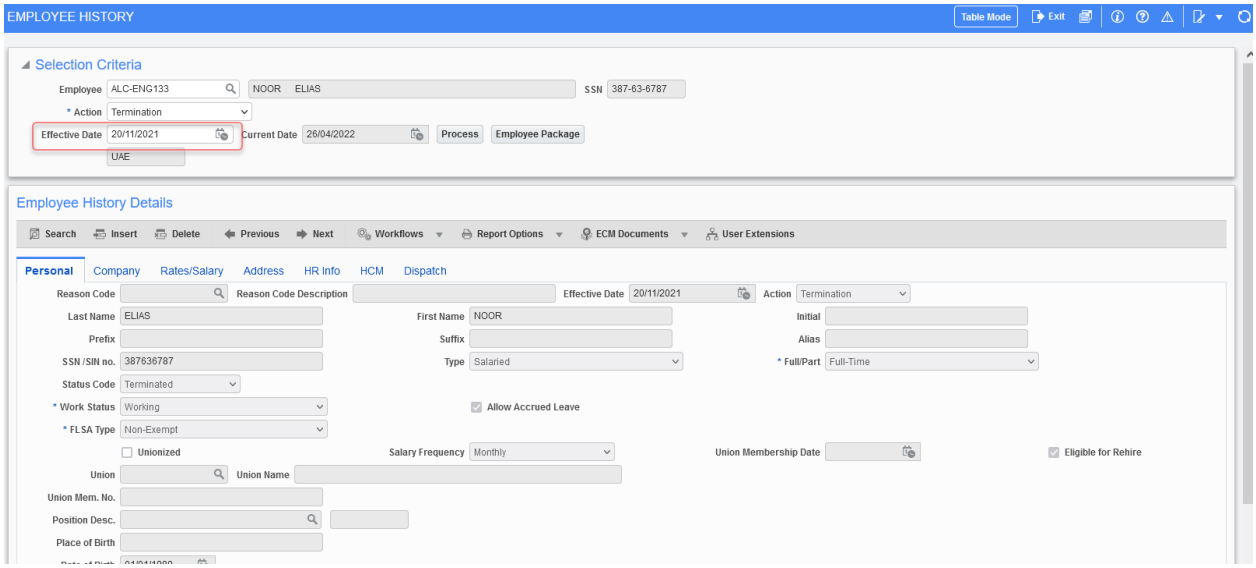
* Company	* Pay Run	* Year	* Period	* Employee No	Emp Full Name	* Tran Type	* Tran Code	Amount	Pay Amount	Gross Earning	Calculated Earnings	Work Company	Work Location	Data Type	Dept
ALEC	DBMN	2021	3	ALC-ENG133	NOOR ELIAS	BW	NWHR	12,000.00	12,000.00			ALEC	DUBAI	G	00
ALEC	DBMN	2021	3	ALC-ENG133	NOOR ELIAS	BN	CARW	1,000.00	1,000.00	12,000.00	12,000.00	ALEC	DUBAI	G	00
ALEC	DBMN	2021	3	ALC-ENG133	NOOR ELIAS	BN	FDLA	600.00	600.00	12,000.00	12,000.00	ALEC	DUBAI	G	00
ALEC	DBMN	2021	3	ALC-ENG133	NOOR ELIAS	BN	GNLW	3,000.00	3,000.00	12,000.00	12,000.00	ALEC	DUBAI	G	00
ALEC	DBMN	2021	3	ALC-ENG133	NOOR ELIAS	BN	HSLW	1,500.00	1,500.00	12,000.00	12,000.00	ALEC	DUBAI	G	00
ALEC	DBMN	2021	3	ALC-ENG133	NOOR ELIAS	BN	MDLW	2,000.00	2,000.00	12,000.00	12,000.00	ALEC	DUBAI	G	00
ALEC	DBMN	2021	3	ALC-ENG133	NOOR ELIAS	BN	SCLW	1,200.00	1,200.00	12,000.00	12,000.00	ALEC	DUBAI	G	00
ALEC	DBMN	2021	3	ALC-ENG133	NOOR ELIAS	BN	TRNS	1,200.00	1,200.00	12,000.00	12,000.00	ALEC	DUBAI	G	00
ALEC	DBMN	2021	3	ALC-ENG133	NOOR ELIAS	LI	EDUL	18.33	-18.33			ALEC	DUBAI	G	00
ALEC	DBMN	2021	3	ALC-ENG133	NOOR ELIAS	LP	EDUL	1,666.67	-1,666.67			ALEC	DUBAI	G	00
								24,185.00	20,815.00	84,000.00	84,000.00				

7) Employee gets terminated in the middle of Nov. 20 th the processing will remain to deduct the default principal amount from the employee loan payment.

Note: There will be no pro-ration or remaining loan adjustment.

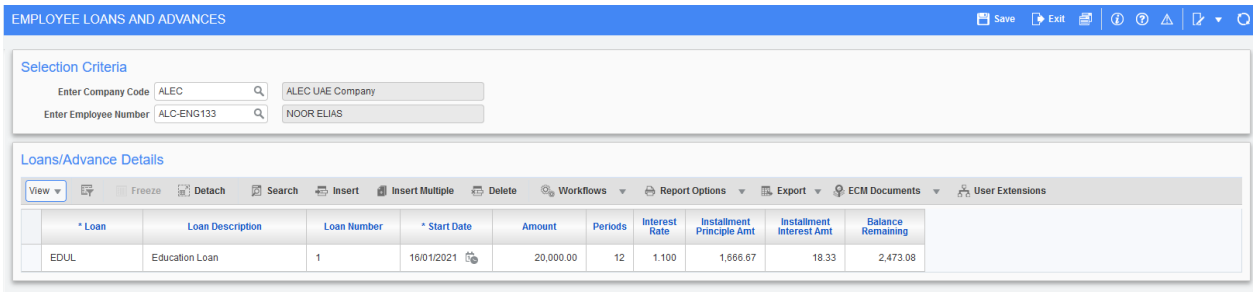
Note: The employee was hired in the middle of the month of Jan.

In the above scenario, payroll will deduct 860.22 in period 1 and 1,666.67 between 2 and 12.

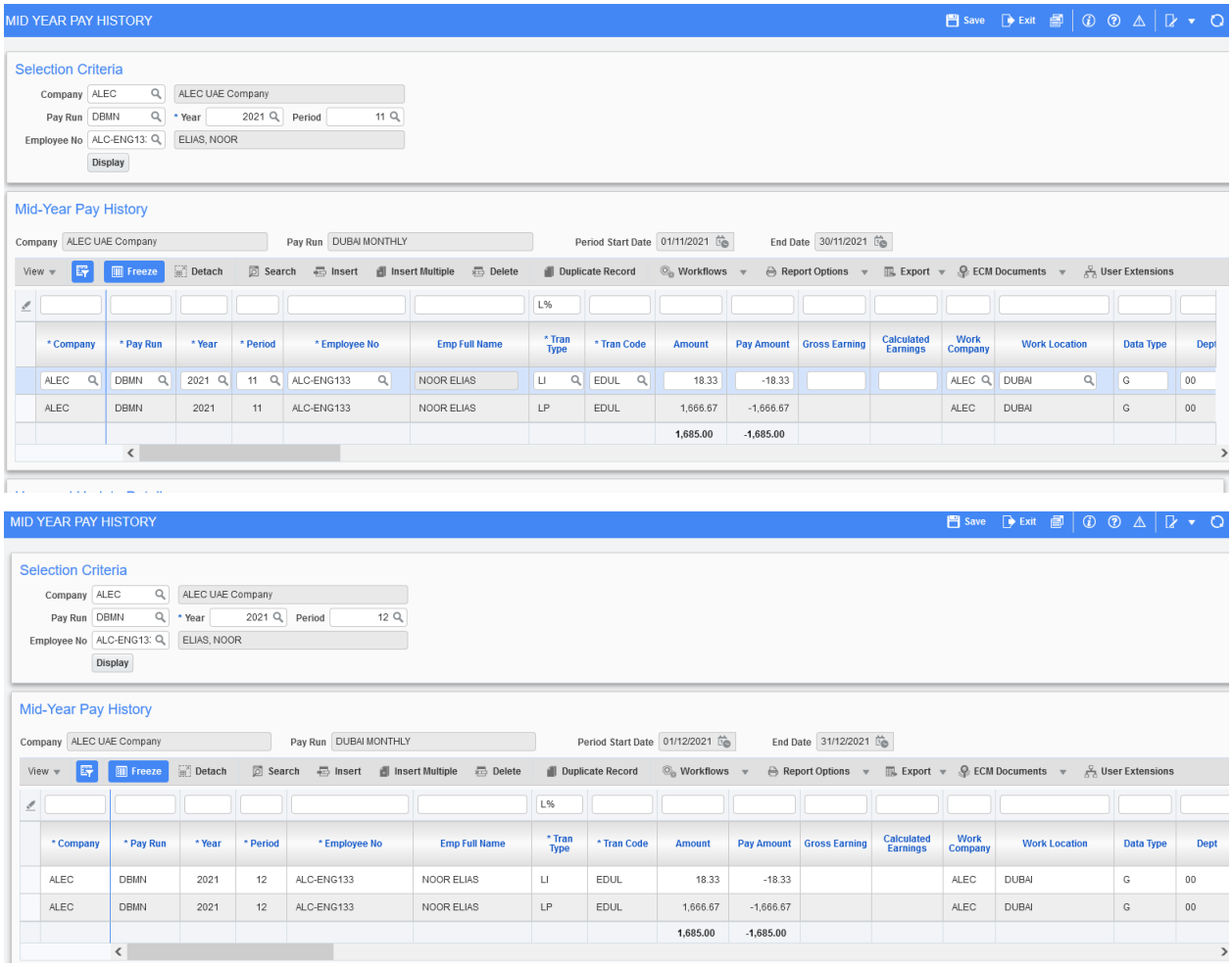


Printed checks up to period 12

2,473.08 is the remaining amount after period 12 this amount requires an adjustment



Period 11 and 12 paid the loan with no pro-ration in full amount.



Addition of New Employee Package Screen to Employee Profile as a Tree View Program for Companies in the UAE (21.50722/HCM-466, 467)

Overview

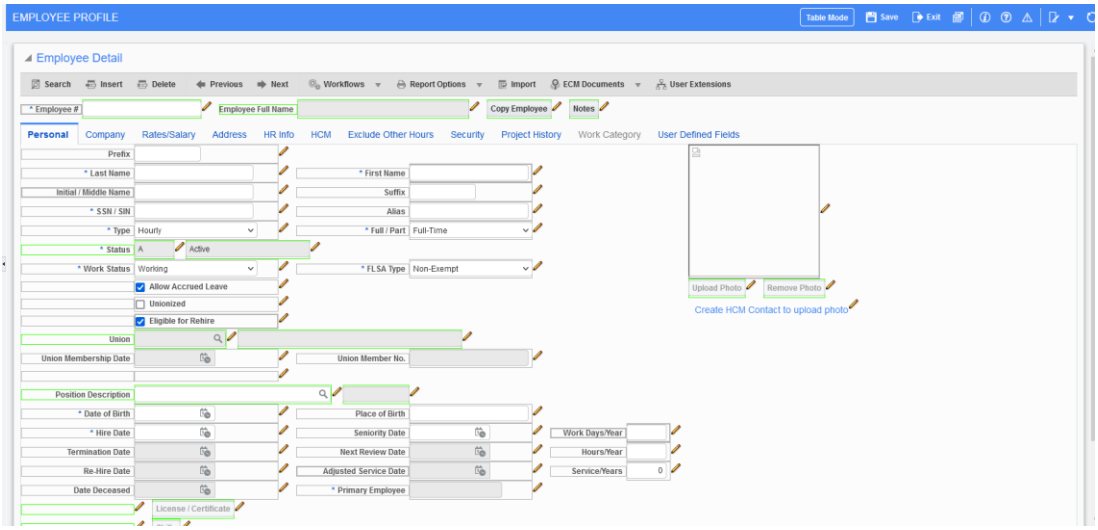
The Employee Profile has a new [Employee Package] button to display package information. This button will display a screen with the employee total base wage and both package and non-package allowances. The amount will be displayed based on the employee pay run frequency. The screen displays all active benefits without an end date.

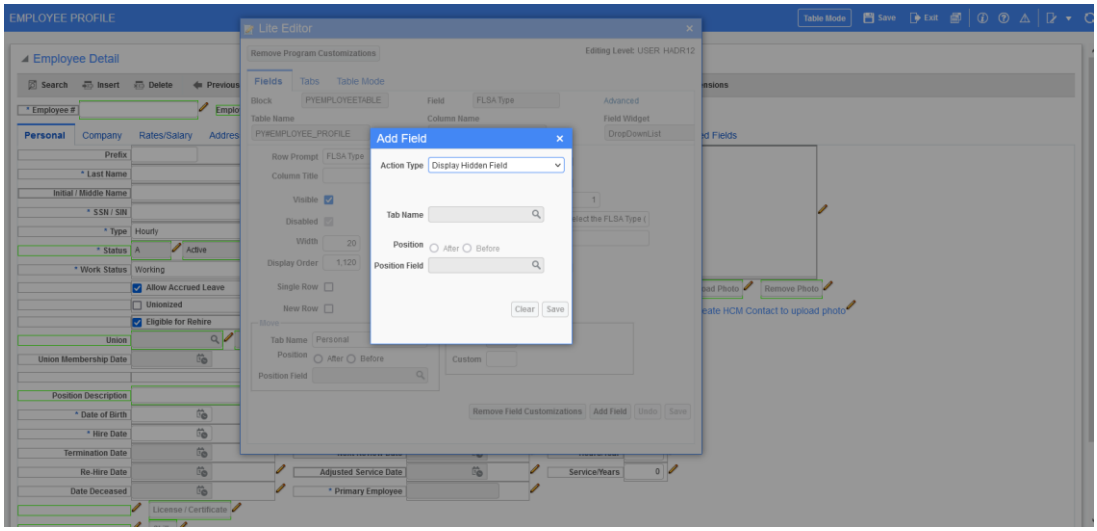
Note: This functionality is available for US Payroll and International Payroll.

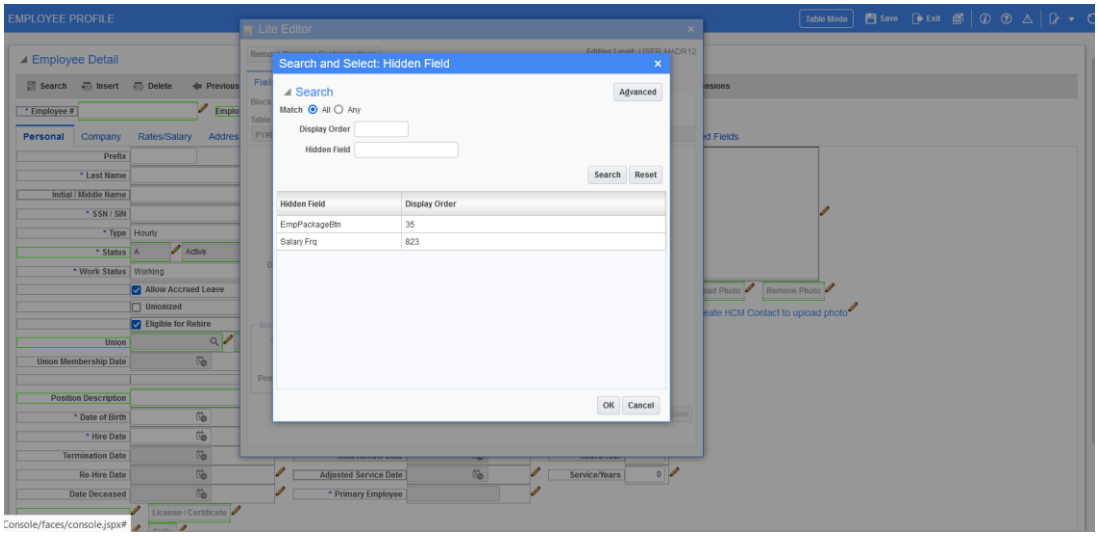
Pre-requisites

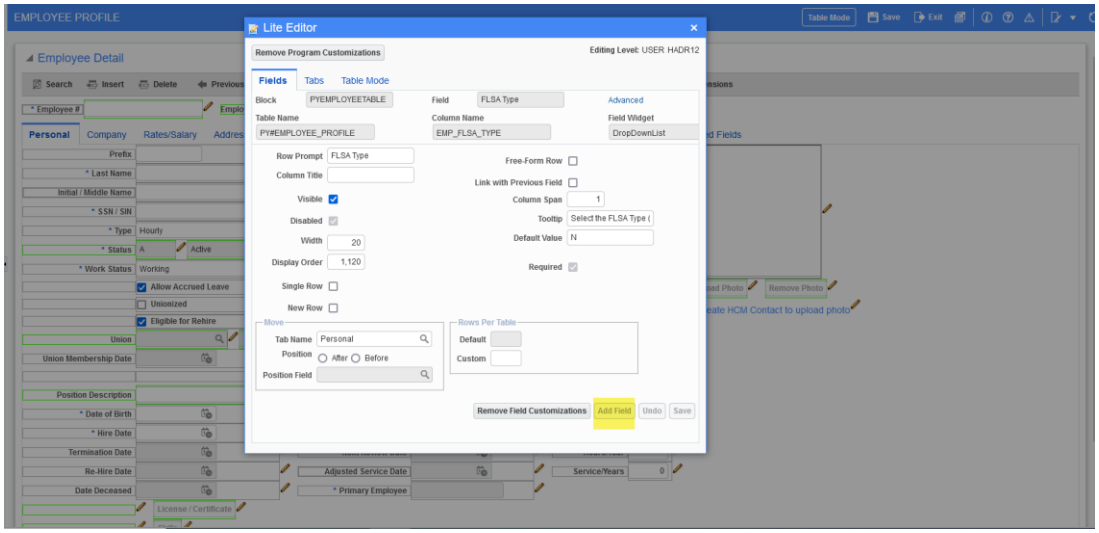
1) The employee package screen in Employee Profile and salary frequency must be added from the lite editor as shown below:

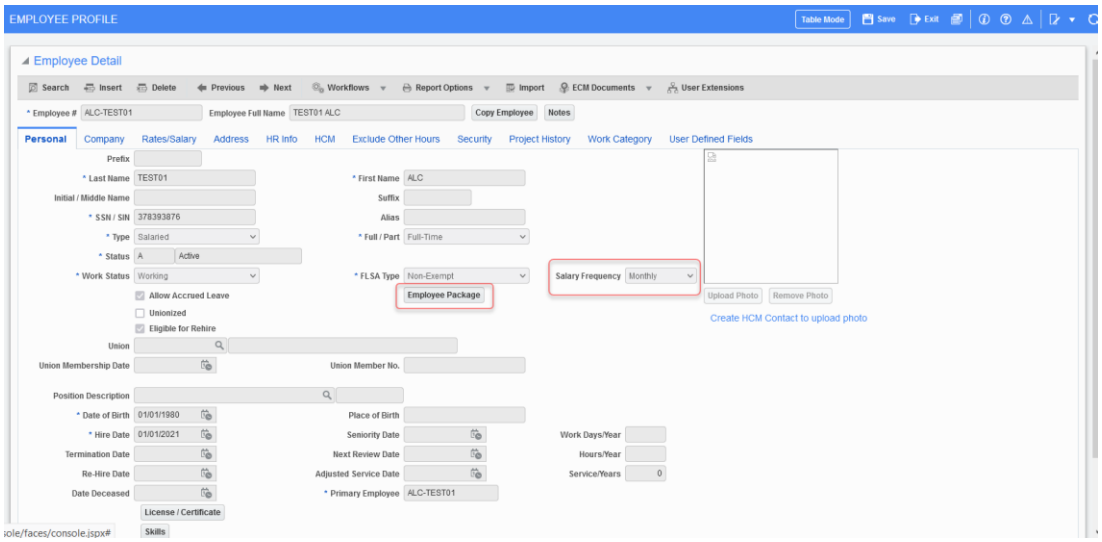
   Note: All employees in ALEC are salaried employees with a monthly salary frequency. When a monthly frequency is selected you can add a monthly salary in the rates/salary tab of the Employee Profile.


EMPLOYEE PROFILE
Table Mode
Save
Exit
Employee Detail
Search
Insert
Delete
Previous
Next
Workflows
Report Options
Import
ECM Documents
User Extensions
* Employee #
Employee Full Name
Copy Employee
Notes
Personal
Company
Rates/Salary
Address
HR Info
HCM
Exclude Other Hours
Security
Project History
Work Category
User Defined Fields
Prefix
* Last Name
* First Name
Initial / Middle Name
Suffix
* SSN / SIN
Alias
* Type
Hourly
* Full / Part
Full-Time
* Status
A
Active
* Work Status
Working
* FLSA Type
Non-Exempt
Allow Accrued Leave
Unionized
Eligible for Rehire
Union
Union Membership Date
Union Member No.
Position Description
* Date of Birth
Place of Birth
* Hire Date
Seniority Date
Work Days/Year
Termination Date
Next Review Date
Hours/Year
Re-Hire Date
Adjusted Service Date
Service/Years
Date Deceased
* Primary Employee
License / Certificate
Upload Photo
Remove Photo
Create HCM Contact to upload photo


EMPLOYEE PROFILE
Lite Editor
Add Field
Action Type
Display Hidden Field
Tab Name
Position
Position Field
Clear
Save


EMPLOYEE PROFILE
Lite Editor
Search and Select: Hidden Field
Search
Advanced
Match
All
Any
Display Order
Hidden Field
Search
Reset
Hidden Field
Display Order
EmpPackageBtn
35
Salary Frq
823
OK
Cancel


EMPLOYEE PROFILE
Lite Editor
Remove Program Customizations
Editing Level: USER HADR12
Fields
Tabs
Table Mode
Employee Detail
Personal
Company
Rates/Salary
Address
Remove Field Customizations
Add Field
Undo
Save


EMPLOYEE PROFILE
Table Mode
Save
Exit
Employee Detail
Search
Insert
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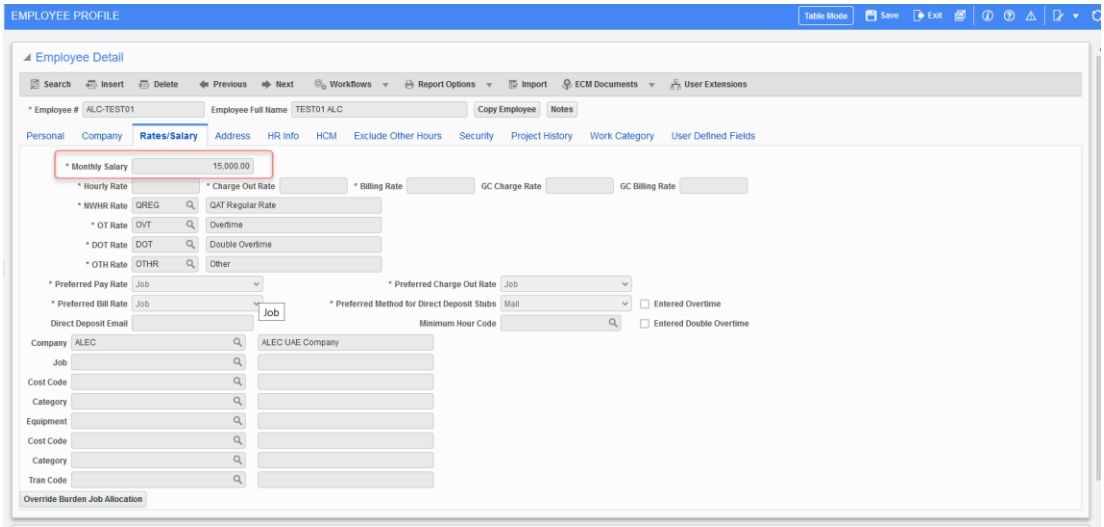
Previous
Next
Workflows
Report Options
Import
ECM Documents
User Extensions
Employee #
ALC-TEST01
Employee Full Name
TEST01 ALC
Copy Employee
Notes
Personal
Company
Rates/Salary
Address
HR Info
HCM
Exclude Other Hours
Security
Project History
Work Category
User Defined Fields
Employee Package
Upload Photo
Remove Photo
Create HCM Contact to upload photo
License / Certificate
Skills


EMPLOYEE PROFILE
Table Mode
Save
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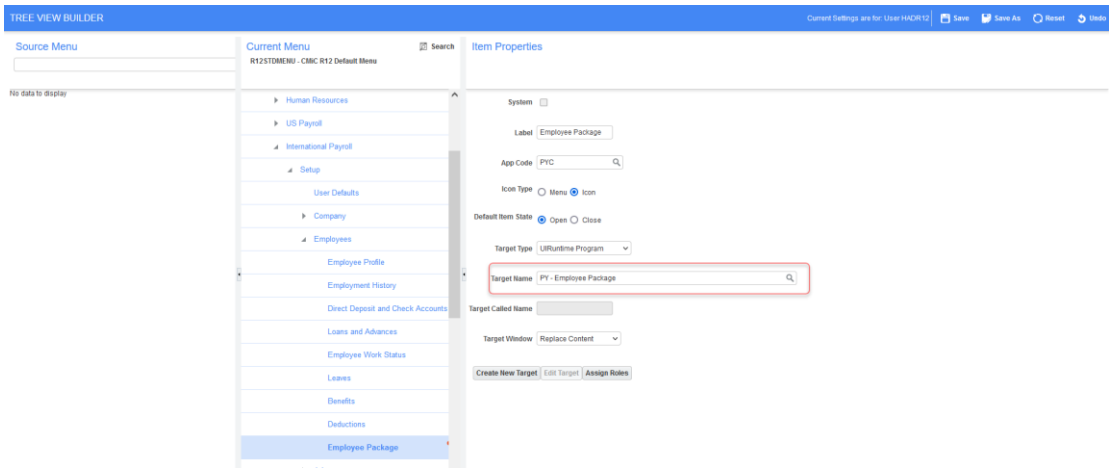
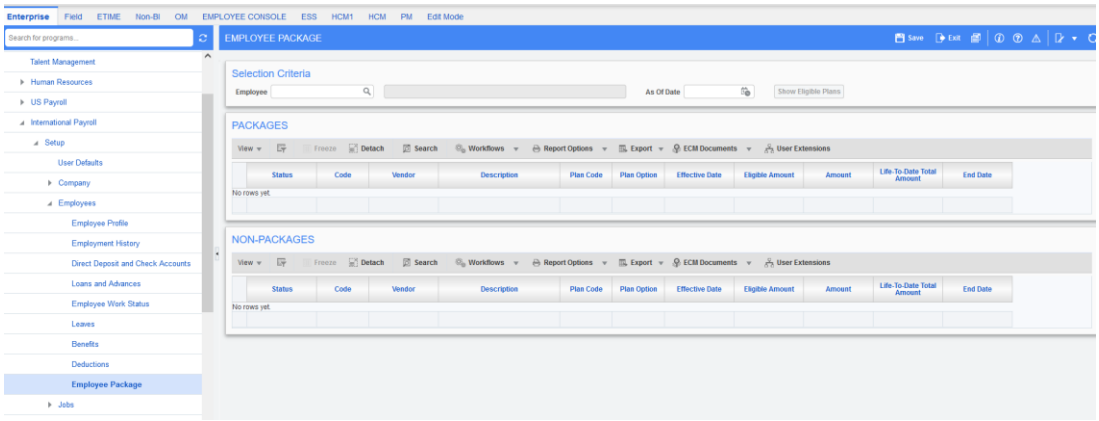
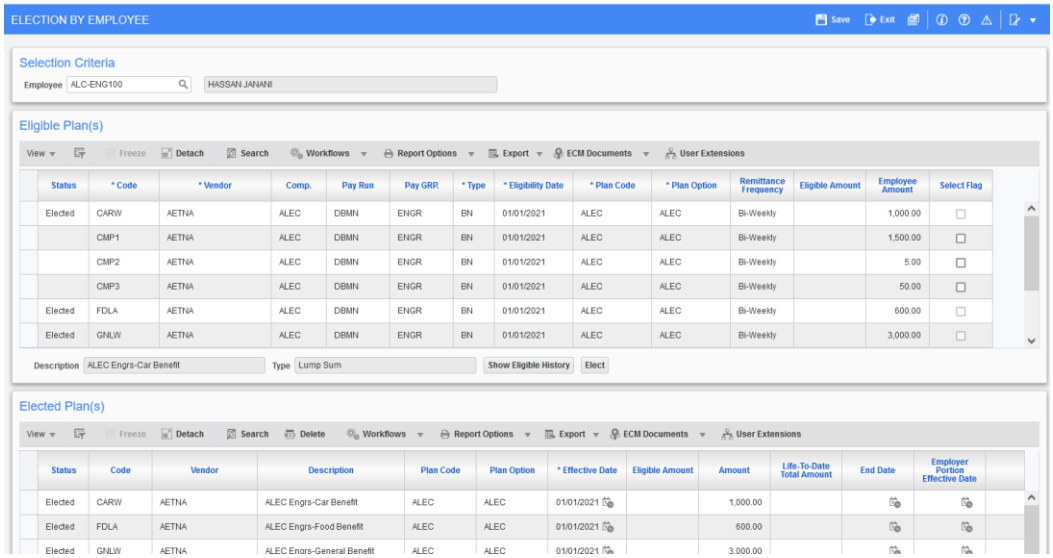
Employee Detail
Search
Insert
Delete
Previous
Next
Workflows
Report Options
Import
ECM Documents
User Extensions
Employee #
ALC-TEST01
Employee Full Name
TEST01 ALC
Copy Employee
Notes
Personal
Company
Rates/Salary
Address
HR Info
HCM
Exclude Other Hours
Security
Project History
Work Category
User Defined Fields
Monthly Salary
15,000.00
Hourly Rate
Charge Out Rate
Billing Rate
GC Charge Rate
GC Billing Rate
NWHR Rate
QREG
QAT Regular Rate
OT Rate
OVT
Overtime
DOT Rate
DOT
Double Overtime
OTH Rate
OTHR
Other
Preferred Pay Rate
Preferred Charge Out Rate
Preferred Bill Rate
Preferred Method for Direct Deposit Stubs
Mail
Entered Overtime
Direct Deposit Email
Minimum Hour Code
Entered Double Overtime
Company
ALEC
ALEC UAE Company
Job
Cost Code
Category
Equipment
Cost Code
Category
Tran Code
Override Burden Job Allocation

2) The standalone employee package program can be added from the treeview builder as shown below.





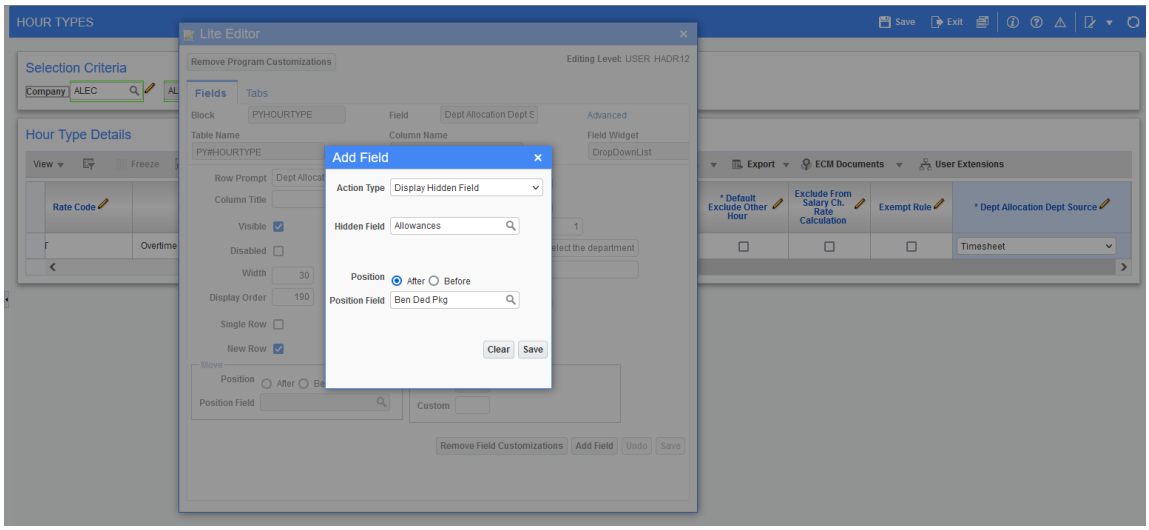
3) Benefits are elected for each employee from HR> benefit administration> benefit/deduction administration> election by employee program, as shown below.

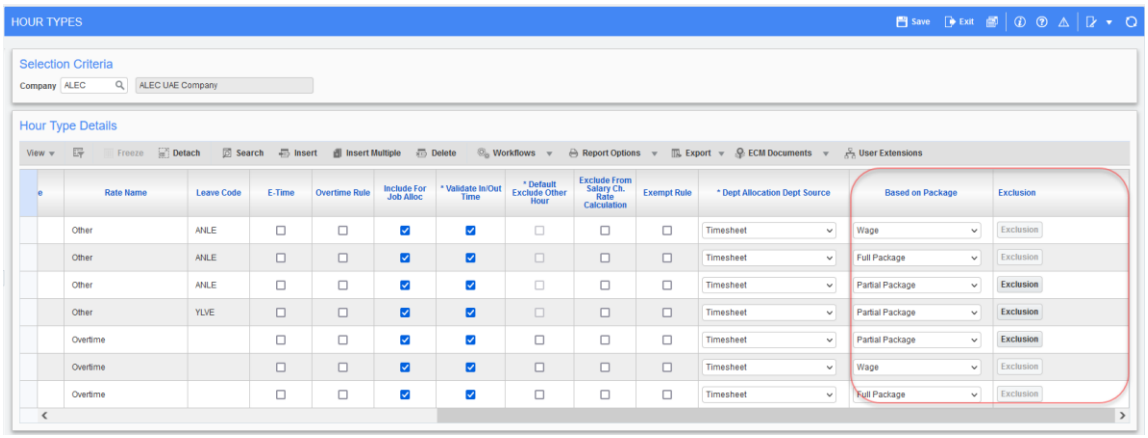


Modifications

The Hour Types screen (under Setup> company) can now be based on types of packages.

The Based-on Package and Exclusion columns can be added from the lite editor as shown below.



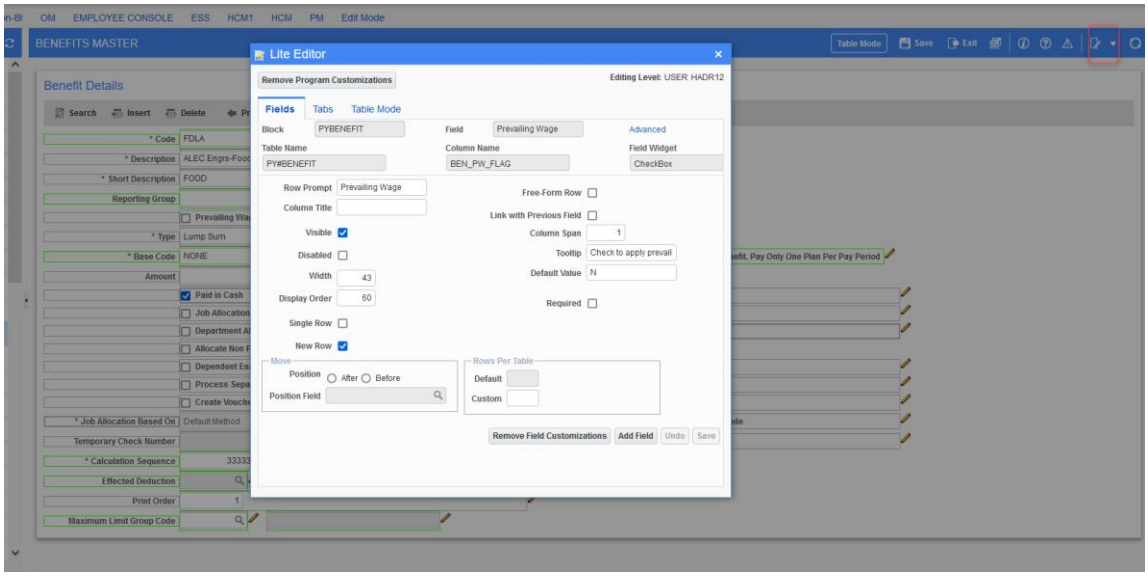


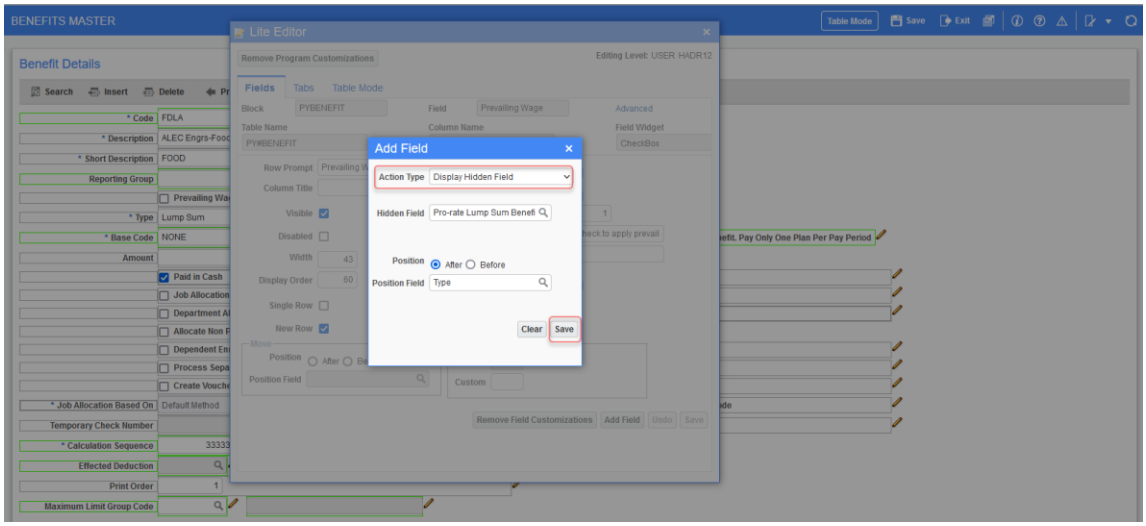
Two new checkboxes have been added to the Benefit Master screen:

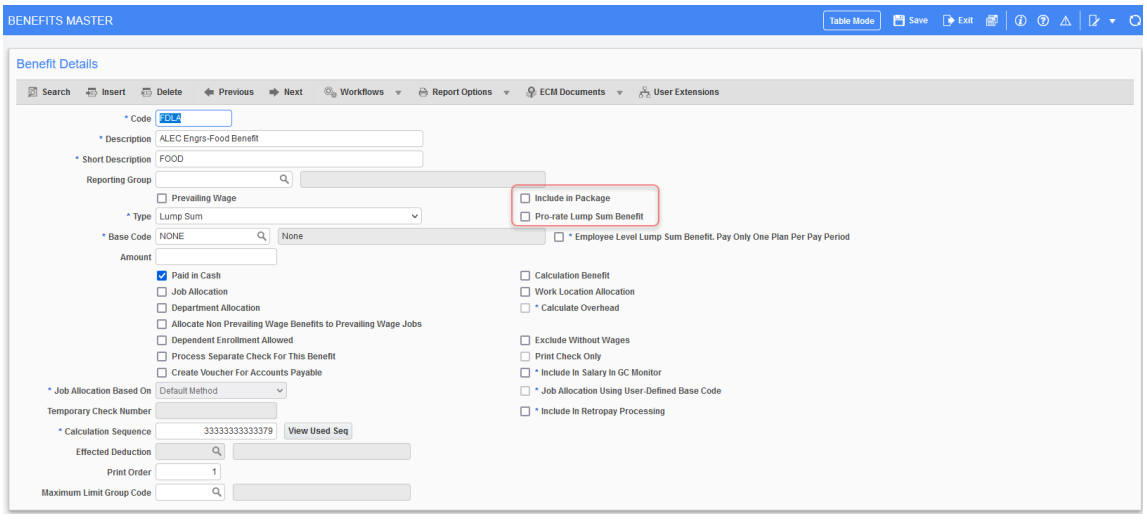
1- Include in package – When this box is checked the benefit will be part of the package calculation.

2- Pro-rate Lump Sum Benefit – When this box is checked the benefit calculations will pro-rate based on the start date of the employee.

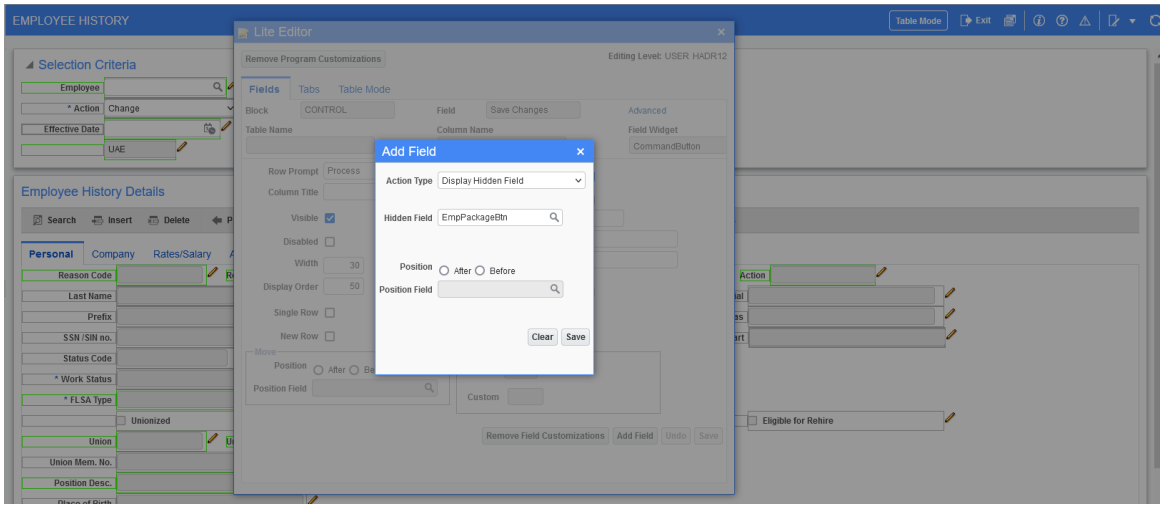
These checkboxes can be enabled through the lite editor as shown below.

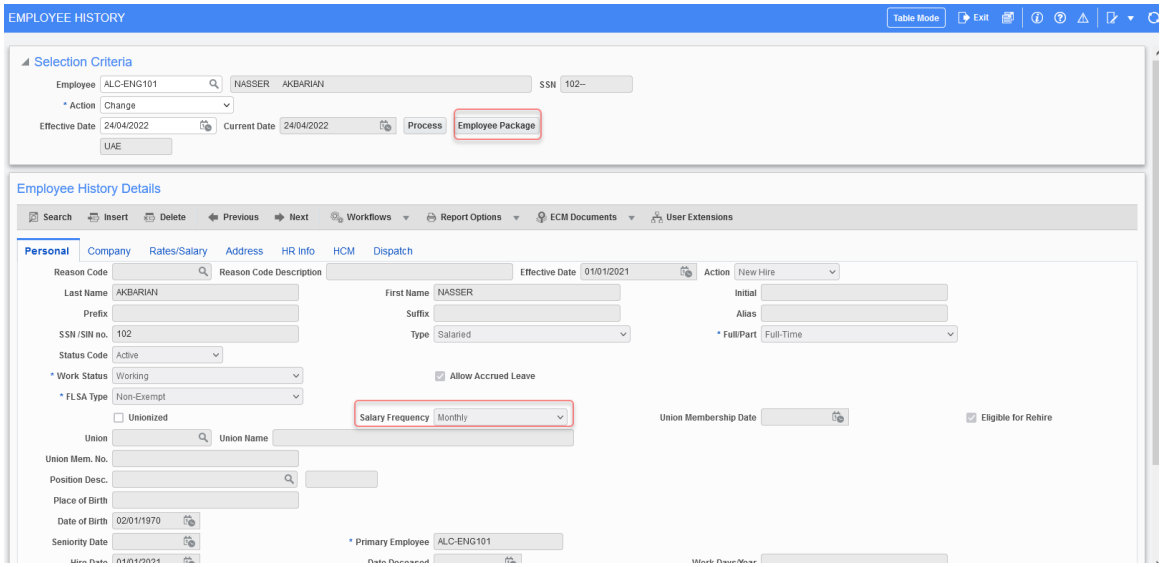






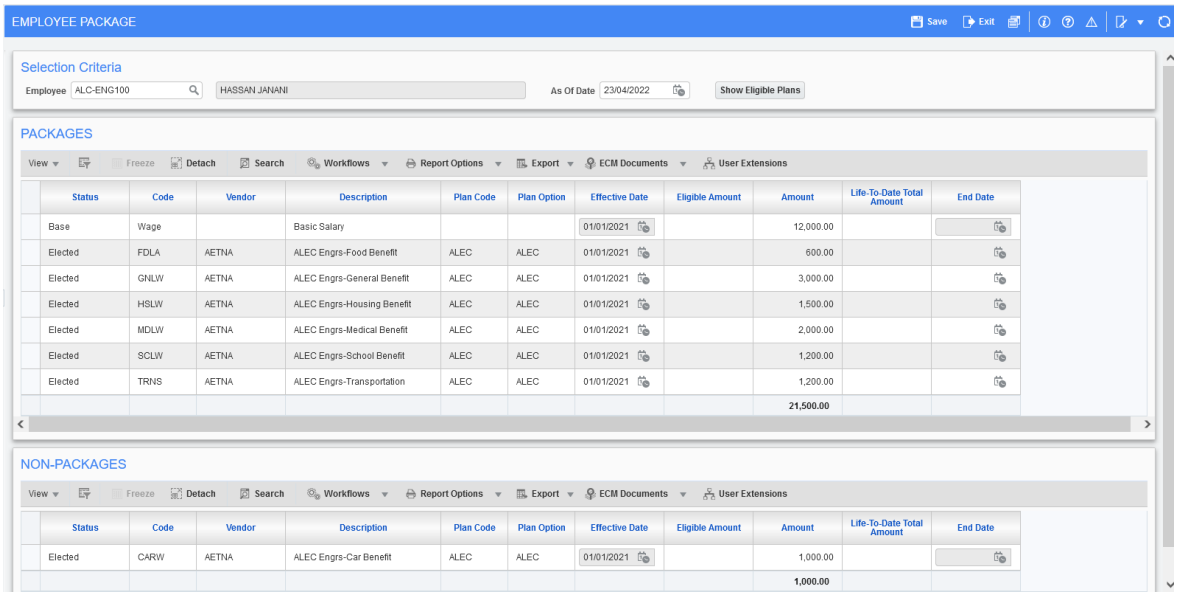
The Employee History program also has the employee package and salary frequency, just like the Employee Profile. These fields can be added from the lite editor as shown below.



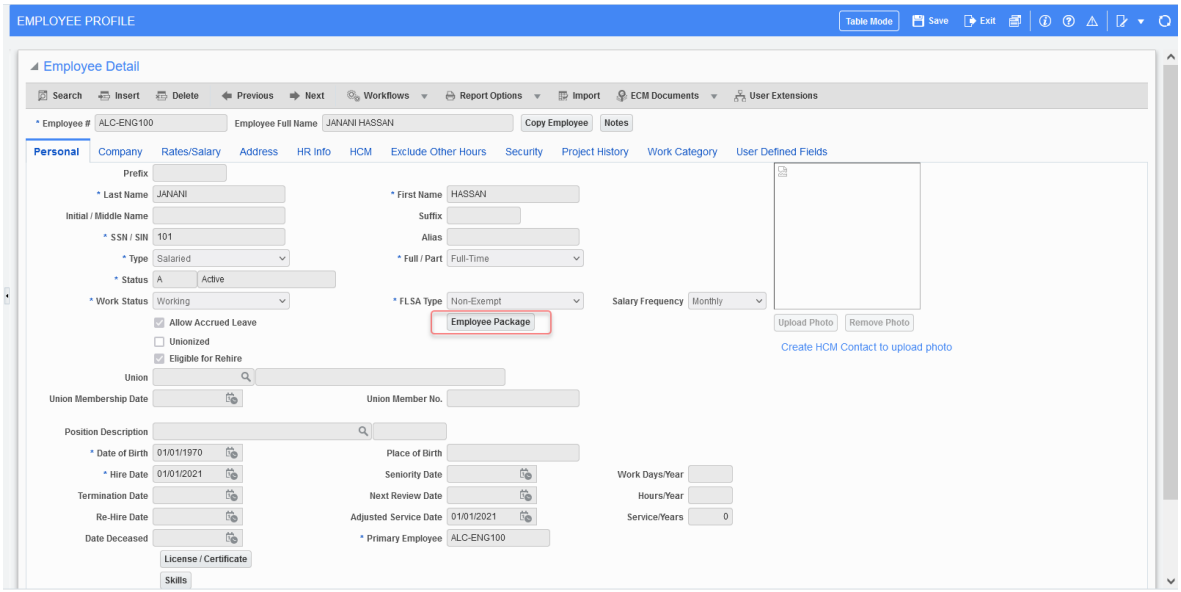


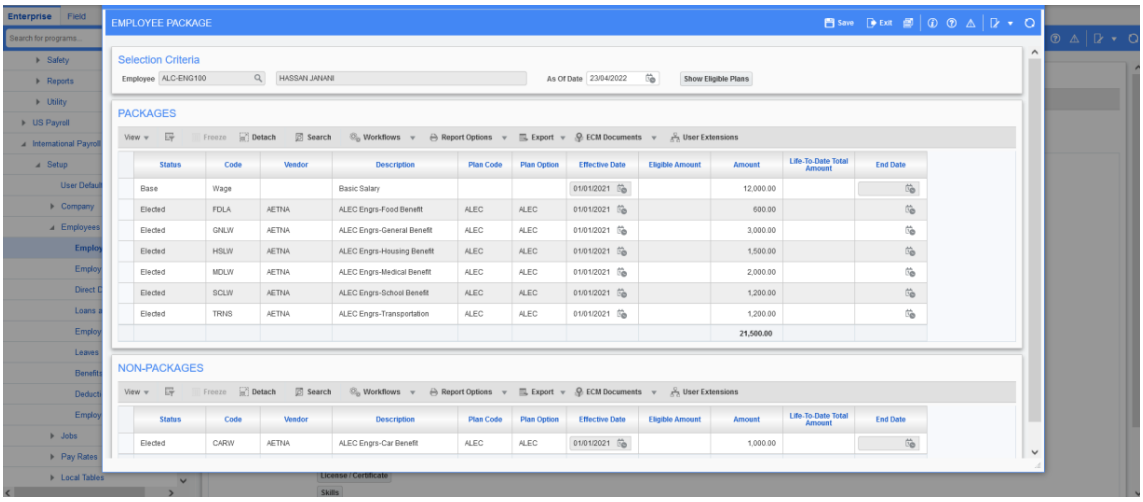
Implementation

The following example shows an employee with elected benefits from HR. This is the standalone program showing benefits that are included as part of the package and benefits that are not part of the package.



The same can be viewed from the Employee Profile.





New Employee Leave Encashment Utility to “Cash” the Leave Amount (21.51518/HCM-472)

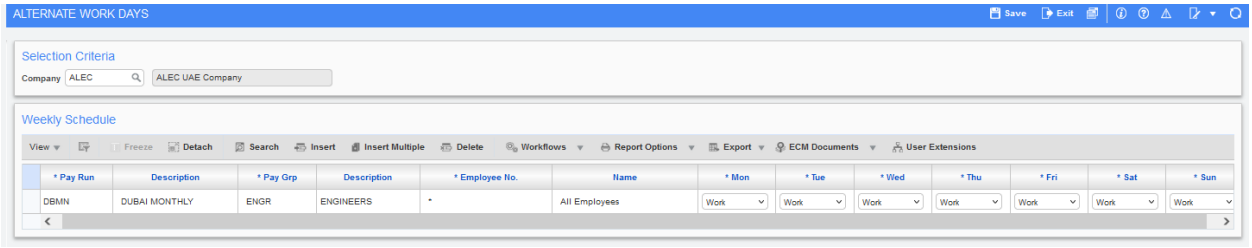
Overview

CMIC developed a new utility that can be run prior to payroll processing for the period to determine how many employees’ yearly leave cycles have been completed and how much leave encashment the employee is due. The utility checks if the employee anniversary date falls in the period entered on the header and only displays the balances of those employees in the detail section.

NOTE: This functionality is available for US Payroll and International Payroll.

Pre-requisites

1) Alternate workdays should be set to 7 working days as per Dubai region.



2) The employee must have worked for a year. If they did not use their leaves then the new utility will pay the employee, the leave days in cash.

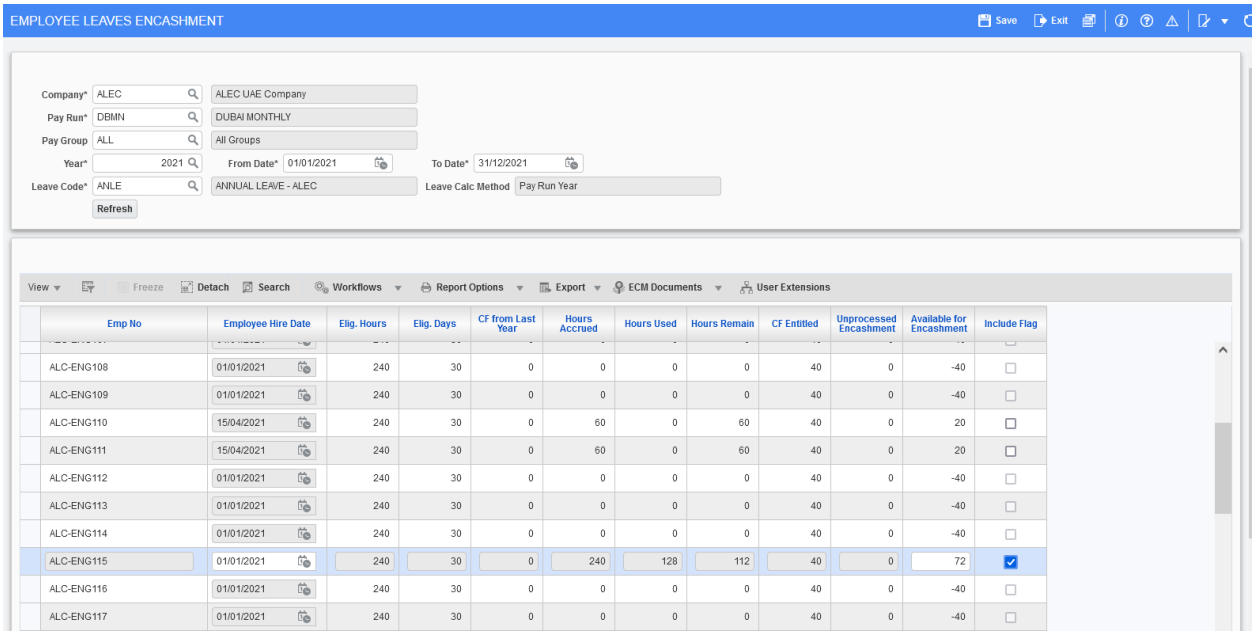
Modifications

The new utility will allow users to select all employees who have a remaining balance.

The user will select all employees who have been selected to encash the leave amount.

Once employees have been selected, the [Submit] button will insert the data into the adjustment table. The popup will be displayed for all users allowed to choose the pay year and period for leave processing. The popup will default the current open period for the company and pay run from the header. The utility will insert the data into the payroll adjustment table with the leave encashment box checked.

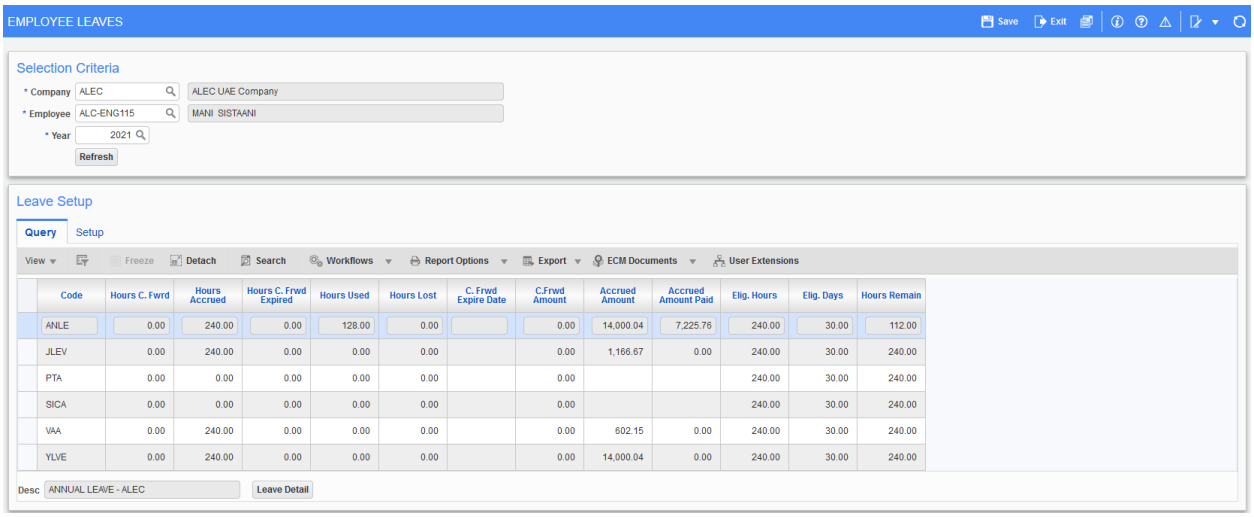
The data can be reviewed by the user and adjusted if needed once verified in the Adjustment screen.

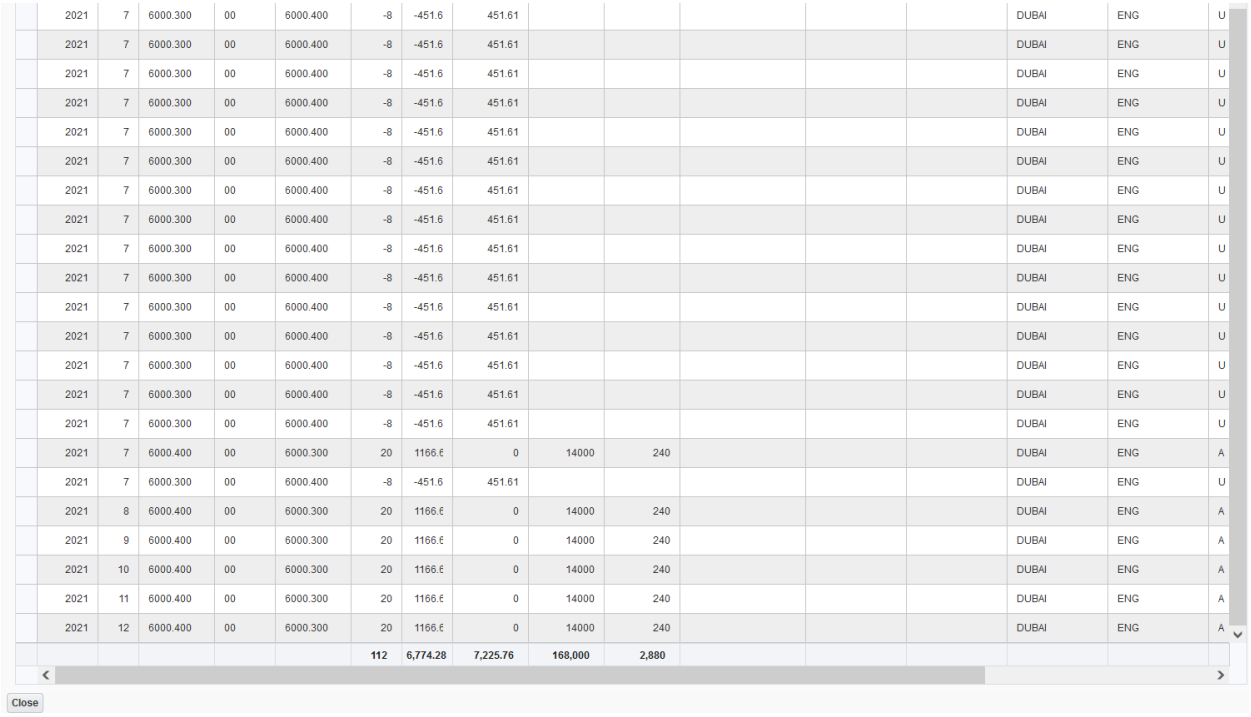


Implementation

An example of employee encashment is given below for when an employee doesn't use all of their yearly vacation days.

Checks are printed for 12 months.

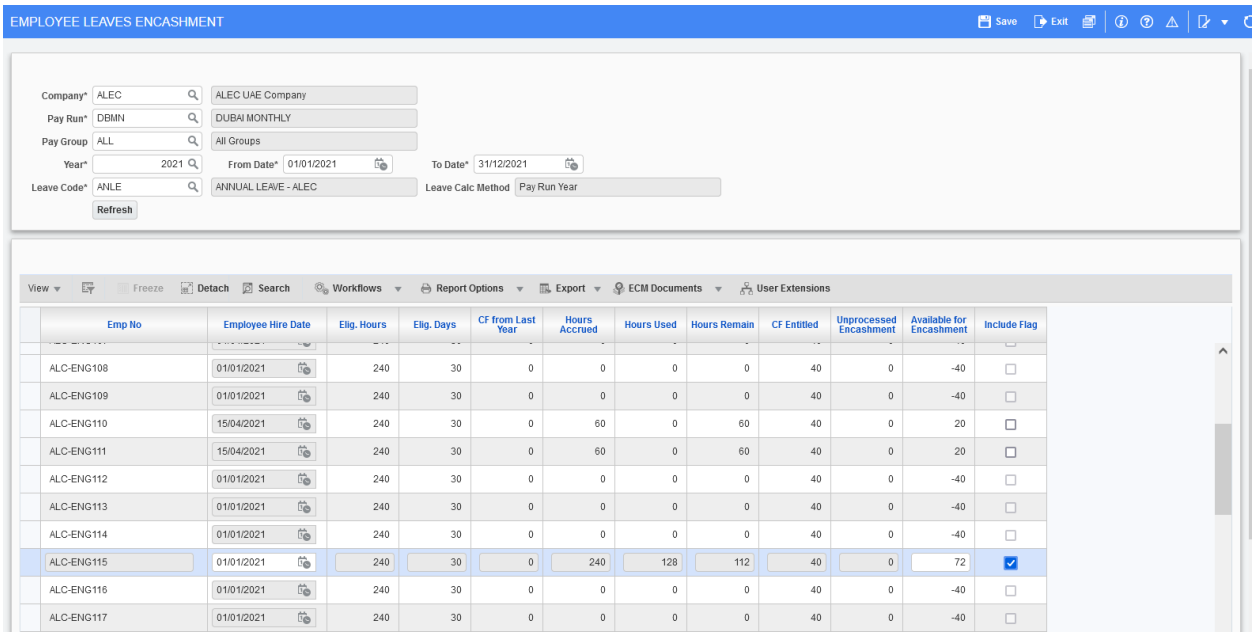




2021	7	6000.300	00	6000.400	-8	-451.6	451.61						DUBAI	ENG	U
2021	7	6000.300	00	6000.400	-8	-451.6	451.61						DUBAI	ENG	U
2021	7	6000.300	00	6000.400	-8	-451.6	451.61						DUBAI	ENG	U
2021	7	6000.300	00	6000.400	-8	-451.6	451.61						DUBAI	ENG	U
2021	7	6000.300	00	6000.400	-8	-451.6	451.61						DUBAI	ENG	U
2021	7	6000.300	00	6000.400	-8	-451.6	451.61						DUBAI	ENG	U
2021	7	6000.300	00	6000.400	-8	-451.6	451.61						DUBAI	ENG	U
2021	7	6000.300	00	6000.400	-8	-451.6	451.61						DUBAI	ENG	U
2021	7	6000.300	00	6000.400	-8	-451.6	451.61						DUBAI	ENG	U
2021	7	6000.300	00	6000.400	-8	-451.6	451.61						DUBAI	ENG	U
2021	7	6000.300	00	6000.400	-8	-451.6	451.61						DUBAI	ENG	U
2021	7	6000.300	00	6000.400	-8	-451.6	451.61						DUBAI	ENG	U
2021	7	6000.300	00	6000.400	-8	-451.6	451.61						DUBAI	ENG	U
2021	7	6000.300	00	6000.400	-8	-451.6	451.61						DUBAI	ENG	U
2021	7	6000.300	00	6000.400	-8	-451.6	451.61						DUBAI	ENG	U
2021	7	6000.300	00	6000.400	-8	-451.6	451.61						DUBAI	ENG	U
2021	7	6000.400	00	6000.300	20	1166.6	0	14000	240				DUBAI	ENG	A
2021	7	6000.300	00	6000.400	-8	-451.6	451.61						DUBAI	ENG	U
2021	8	6000.400	00	6000.300	20	1166.6	0	14000	240				DUBAI	ENG	A
2021	9	6000.400	00	6000.300	20	1166.6	0	14000	240				DUBAI	ENG	A
2021	10	6000.400	00	6000.300	20	1166.6	0	14000	240				DUBAI	ENG	A
2021	11	6000.400	00	6000.300	20	1166.6	0	14000	240				DUBAI	ENG	A
2021	12	6000.400	00	6000.300	20	1166.6	0	14000	240				DUBAI	ENG	A
					112	**6,774.28**	**7,225.76**	**168,000**	**2,880**						

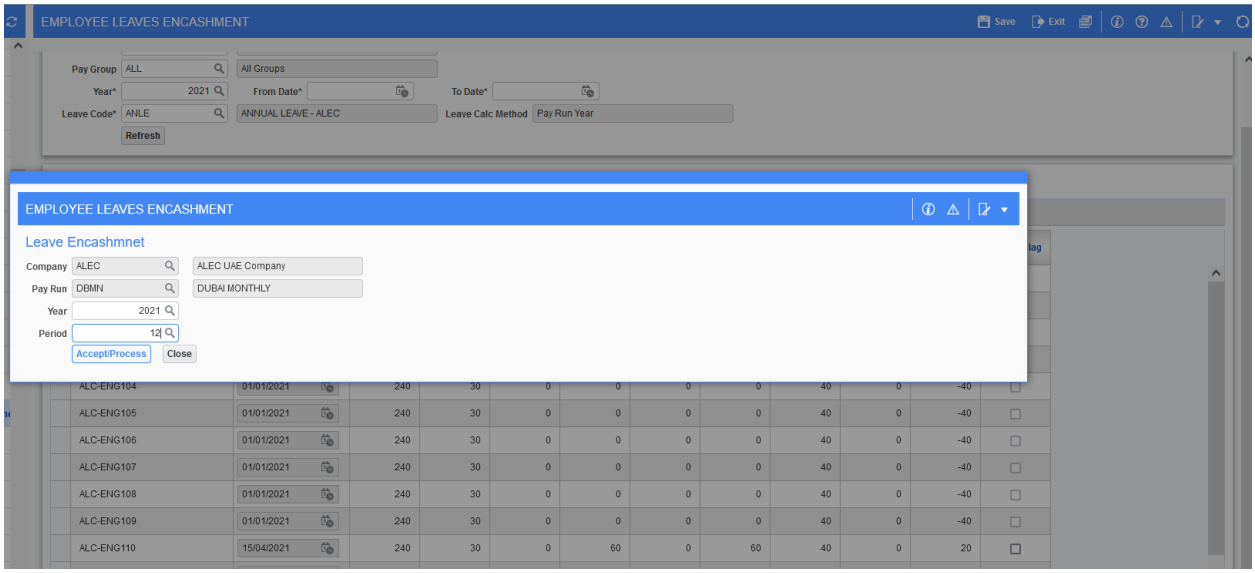
Close

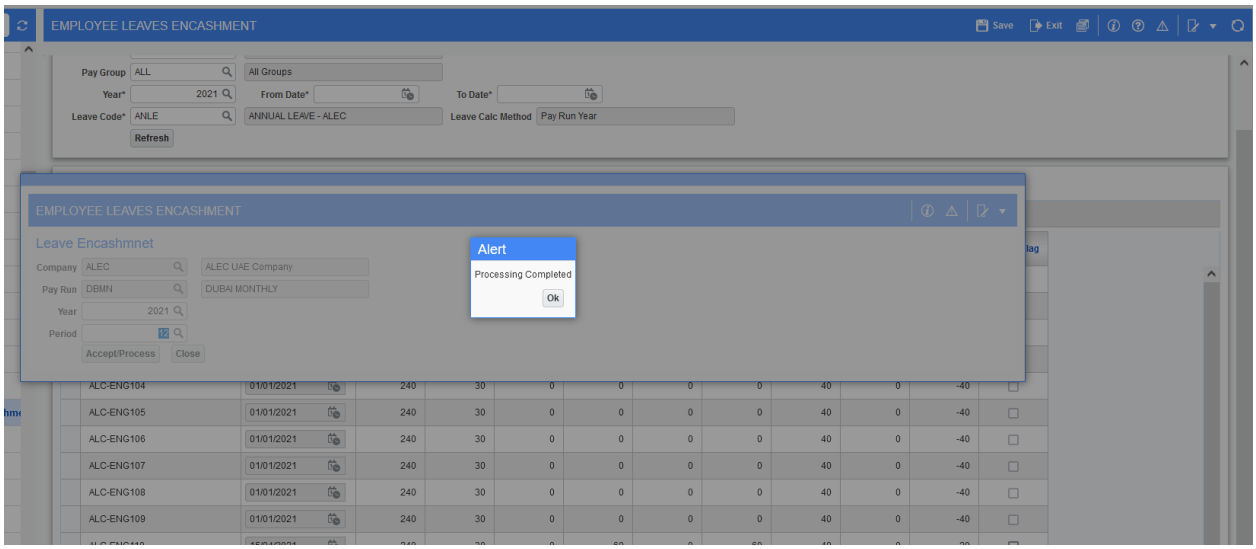
Employee leave encashment program and check the box (include flag) for the employee:



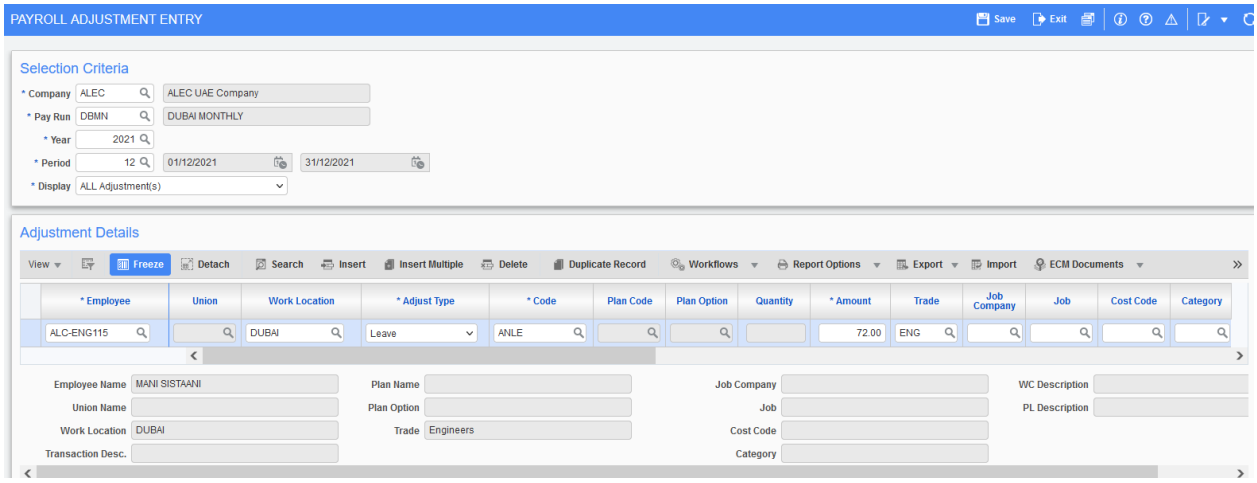
Emp No	Employee Hire Date	Elig. Hours	Elig. Days	CF from Last Year	Hours Accrued	Hours Used	Hours Remain	CF Entitled	Unprocessed Encashment	Available for Encashment	Include Flag
ALC-ENG108	01/01/2021	240	30	0	0	0	0	40	0	-40	☐
ALC-ENG109	01/01/2021	240	30	0	0	0	0	40	0	-40	☐
ALC-ENG110	15/04/2021	240	30	0	60	0	60	40	0	20	☐
ALC-ENG111	15/04/2021	240	30	0	60	0	60	40	0	20	☐
ALC-ENG112	01/01/2021	240	30	0	0	0	0	40	0	-40	☐
ALC-ENG113	01/01/2021	240	30	0	0	0	0	40	0	-40	☐
ALC-ENG114	01/01/2021	240	30	0	0	0	0	40	0	-40	☐
ALC-ENG115	01/01/2021	240	30	0	240	128	112	40	0	72	☑
ALC-ENG116	01/01/2021	240	30	0	0	0	0	40	0	-40	☐
ALC-ENG117	01/01/2021	240	30	0	0	0	0	40	0	-40	☐

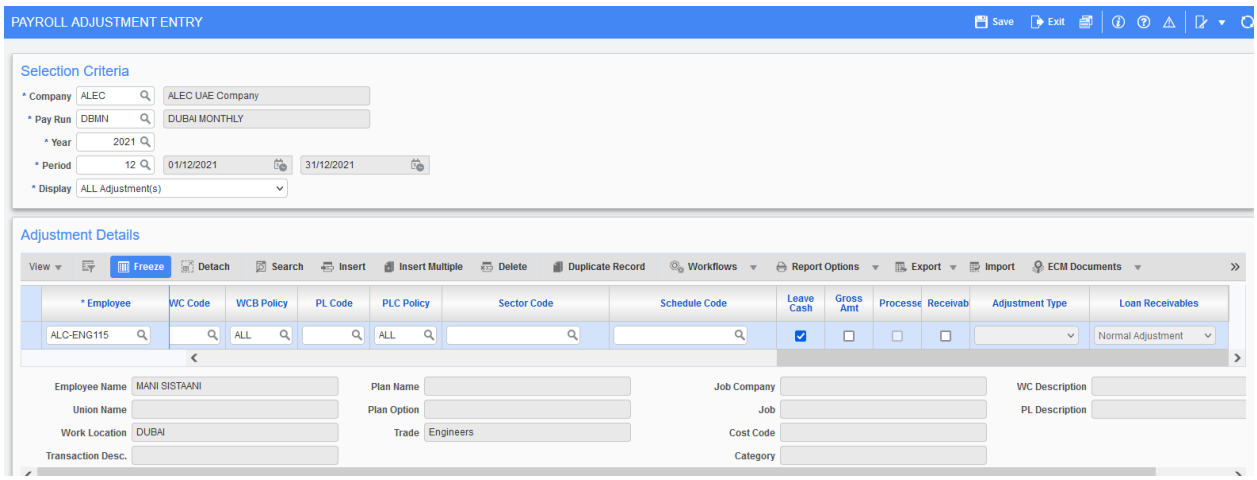
Select the period where this employee was last paid and click on [**Accept/Process**].

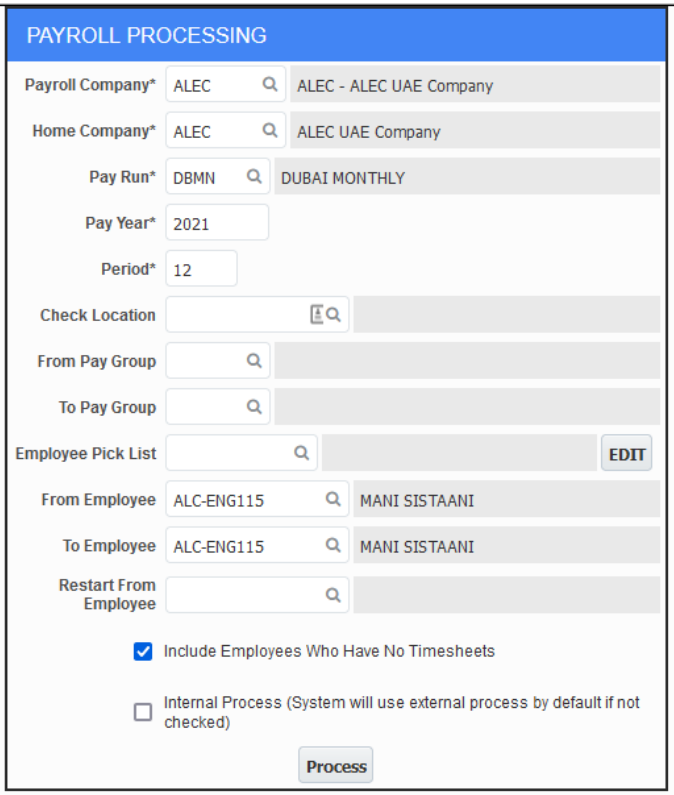




The employee encashment information will be transferred to the Adjustment screen where it can be reviewed.


PAYROLL ADJUSTMENT ENTRY
Save
Exit
Selection Criteria
* Company ALEC ALEC UAE Company
* Pay Run DBMN DUBAI MONTHLY
* Year 2021
* Period 12 01/12/2021 31/12/2021
* Display ALL Adjustment(s)
Adjustment Details
View
Freeze
Detach
Search
Insert
Insert Multiple
Delete
Duplicate Record
Workflows
Report Options
Export
Import
ECM Documents
* Employee
Union
Work Location
* Adjust Type
* Code
Plan Code
Plan Option
Quantity
* Amount
Trade
Job Company
Job
Cost Code
Category
ALC-ENG115
DUBAI
Leave
ANLE
72.00
ENG
Employee Name MANI SISTAANI
Union Name
Work Location DUBAI
Transaction Desc.
Plan Name
Plan Option
Trade Engineers
Job Company
Job
Cost Code
Category
WC Description
PL Description


PAYROLL ADJUSTMENT ENTRY
Save
Exit
Selection Criteria
* Company ALEC ALEC UAE Company
* Pay Run DBMN DUBAI MONTHLY
* Year 2021
* Period 12 01/12/2021 31/12/2021
* Display ALL Adjustment(s)
Adjustment Details
View
Freeze
Detach
Search
Insert
Insert Multiple
Delete
Duplicate Record
Workflows
Report Options
Export
Import
ECM Documents
* Employee
WC Code
WCB Policy
PL Code
PLC Policy
Sector Code
Schedule Code
Leave Cash
Gross Amt
Processe
Receivab
Adjustment Type
Loan Receivables
ALC-ENG115
ALL
ALL
Normal Adjustment
Employee Name MANI SISTAANI
Union Name
Work Location DUBAI
Transaction Desc.
Plan Name
Plan Option
Trade Engineers
Job Company
Job
Cost Code
Category
WC Description
PL Description


PAYROLL PROCESSING
Payroll Company*
ALEC
ALEC - ALEC UAE Company
Home Company*
ALEC
ALEC UAE Company
Pay Run*
DBMN
DUBAI MONTHLY
Pay Year*
2021
Period*
12
Check Location
From Pay Group
To Pay Group
Employee Pick List
EDIT
From Employee
ALC-ENG115
MANI SISTAANI
To Employee
ALC-ENG115
MANI SISTAANI
Restart From Employee
Include Employees Who Have No Timesheets
Internal Process (System will use external process by default if not checked)
Process

EMPLOYEE NAME	SOCIAL INSURANCE NUMBER	UNION	Trade	CONTRACT NO	PERIOD END DATE
MANI SISTAANI	xxx-xx-		ENG		31/12/2021

TAXABLE EARNINGS AND BENEFITS					TAXES & DEDUCTIONS					
DESCRIPTION	RATE	HOURS	AMOUNT	TO - DATE	DESCRIPTION	AMOUNT	TO - DATE	DESCRIPTION	AMOUNT	TO - DATE
Regular Hours	0.00	0	0.00	0.00	*TOTAL*			*TOTAL*		
Regular Hours	56.45	0	0.00	98,000.00						
Regular Hours	58.33	0	0.00	56,000.00						
Regular Hours	62.50	0	0.00	14,000.00						
Regular Hours	58.33	0	0.00	-7,225.76						
TOTAL		0	0.00	160,774.24						
ANNUAL LEAVE	56.45	0	0.00	7,225.76						
ANNUAL LEAVE	58.33	72	4,200.00	4,200.00						
VEHICLE		0	0.00	12,000.00						
FOOD		0	0.00	7,200.00						
GENERAL		0	0.00	36,000.00						
HOUSING		0	0.00	18,000.00						
MEDICAL		0	0.00	24,000.00						
TRANSPORT		0	0.00	14,400.00						
TOTAL OTHER EARNINGS		72	4,200.00	123,025.76						
Regular Hours	0.00	0	0.00	0.00	*TOTAL*			*TOTAL*		
Regular Hours	58.33	0	0.00	56,000.00						
Regular Hours	62.50	0	0.00	14,000.00						
Regular Hours	58.33	0	0.00	-7,225.76						
Regular Hours	56.45	248	14,000.00	98,000.00						
TOTAL		248	14,000.00	160,774.24						
ANNUAL LEAVE	56.45	0	0.00	7,225.76						
ANNUAL LEAVE	58.33	0	0.00	4,200.00						
VEHICLE		0	1,000.00	12,000.00						
FOOD		0	600.00	7,200.00						
GENERAL		0	3,000.00	36,000.00						
HOUSING		0	1,500.00	18,000.00						
MEDICAL		0	2,000.00	24,000.00						
TRANSPORT		0	1,200.00	14,400.00						
TOTAL OTHER EARNINGS		0	9,300.00	123,025.76						

Leave Code	C Frwd	Accrued	Used	Balance
ANNUAL LEAVE	0.00	240.00	200.00	40.00
JOB LEAVE	0.00	240.00	0.00	240.00

								TOTAL TAXES & DEDUCTIONS	0.00	0.00
								CHECK DATE 31/12/2021		CHECK NO. 29
TOTAL EARNINGS			14,000.00		NON TAX TOTAL	0.00		CHECK AMOUNT 23,300.00		
TOTAL YEAR TO DATE			0.00	160,774.24	CO. PD. BENEFITS					

Unpaid Leave Calculation - New Setup Screen Created for the Existing Work Status Field in the Employee Profile Screen

(22.52534/HCM-471**)**

Overview

CMIC has created a new setup screen for the existing Work Status field in the Employee Profile screen. When an employee is on unpaid leave, they receive no paid wages or allowances. The new setup screen will allow users to put an employee on permanent unpaid leave for a longer period instead of entering unpaid leave timesheets. The employee can be active but on an unpaid leave for as long as required.

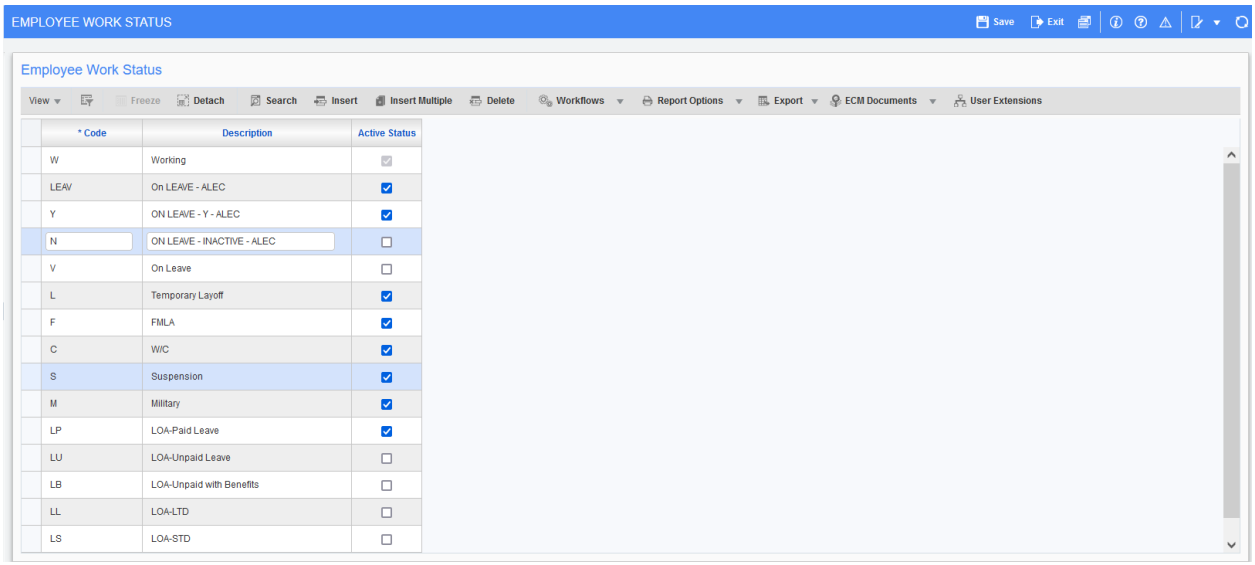
NOTE: This functionality is available for US Payroll and International Payroll.

Pre-requisites

Before changing the work status for the employee, create a new “Inactive” work status.

The “N” code has the ‘Active Status’ box unchecked.

The “W” code cannot be changed as it is system defined.



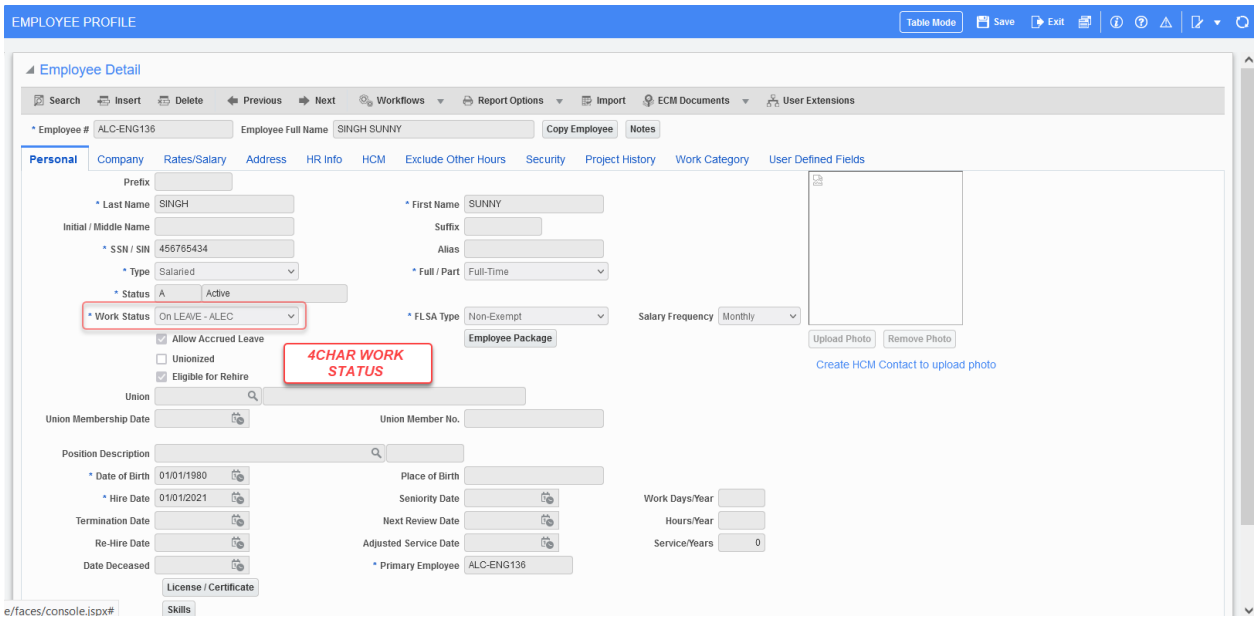
Modifications

The work status code can be up to 4-characters.

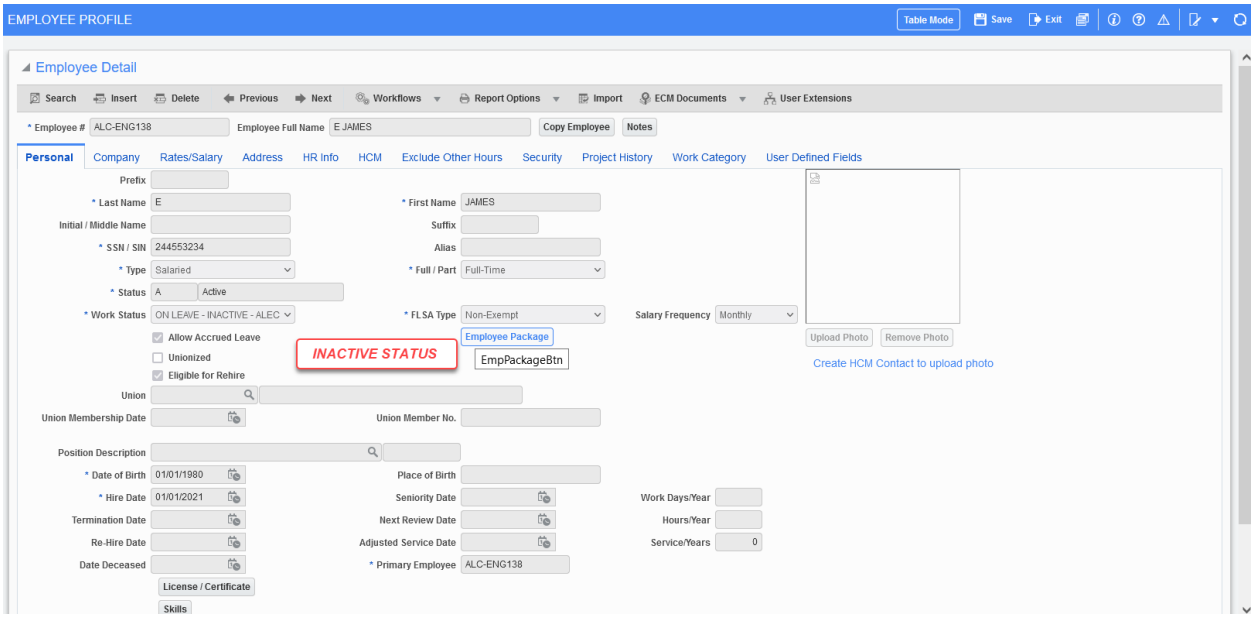
These codes can be used in employee profile.

The processing has been modified to look up the new “Active” status from the setup table for work status. If the work status has an unchecked status flag, then it will not be included for processing.

NOTE: Timesheet entry will be modified in the next patches to warn users if the employee work status is inactive.

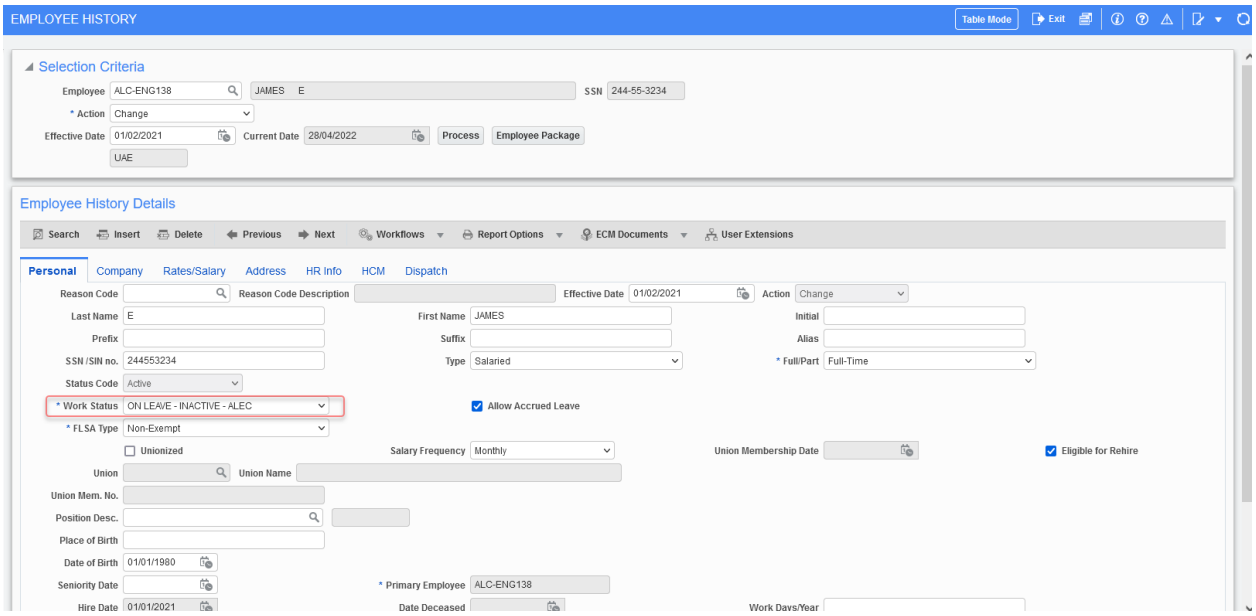


Implementation



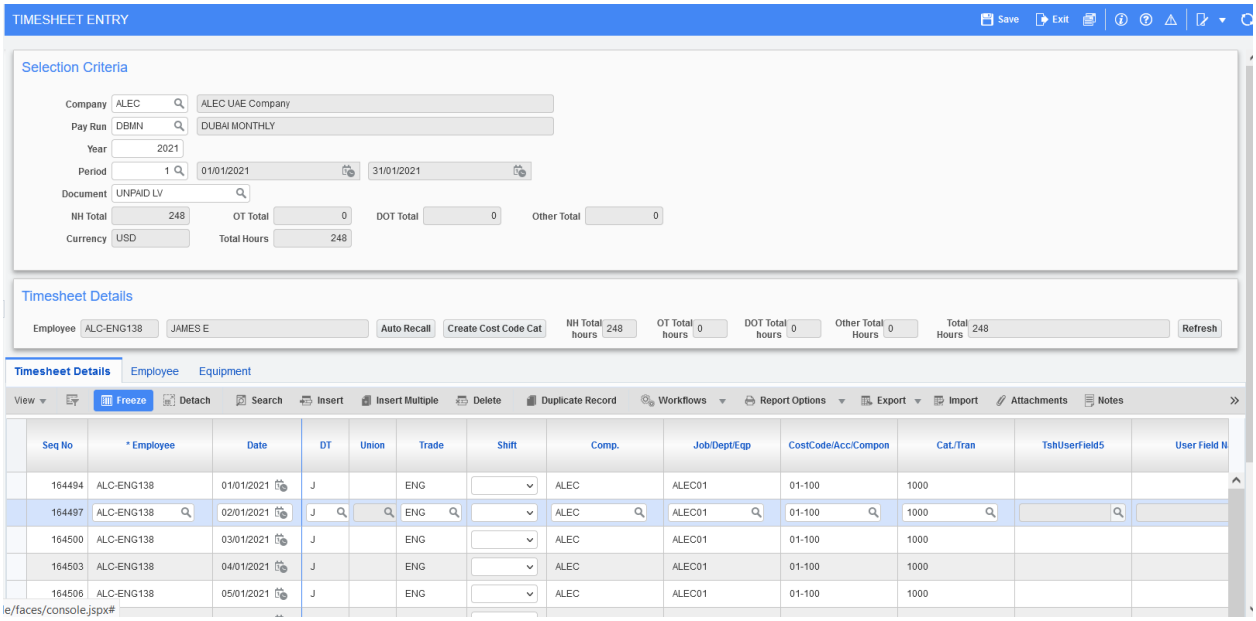
Above is an example of an employee with an inactive work status.

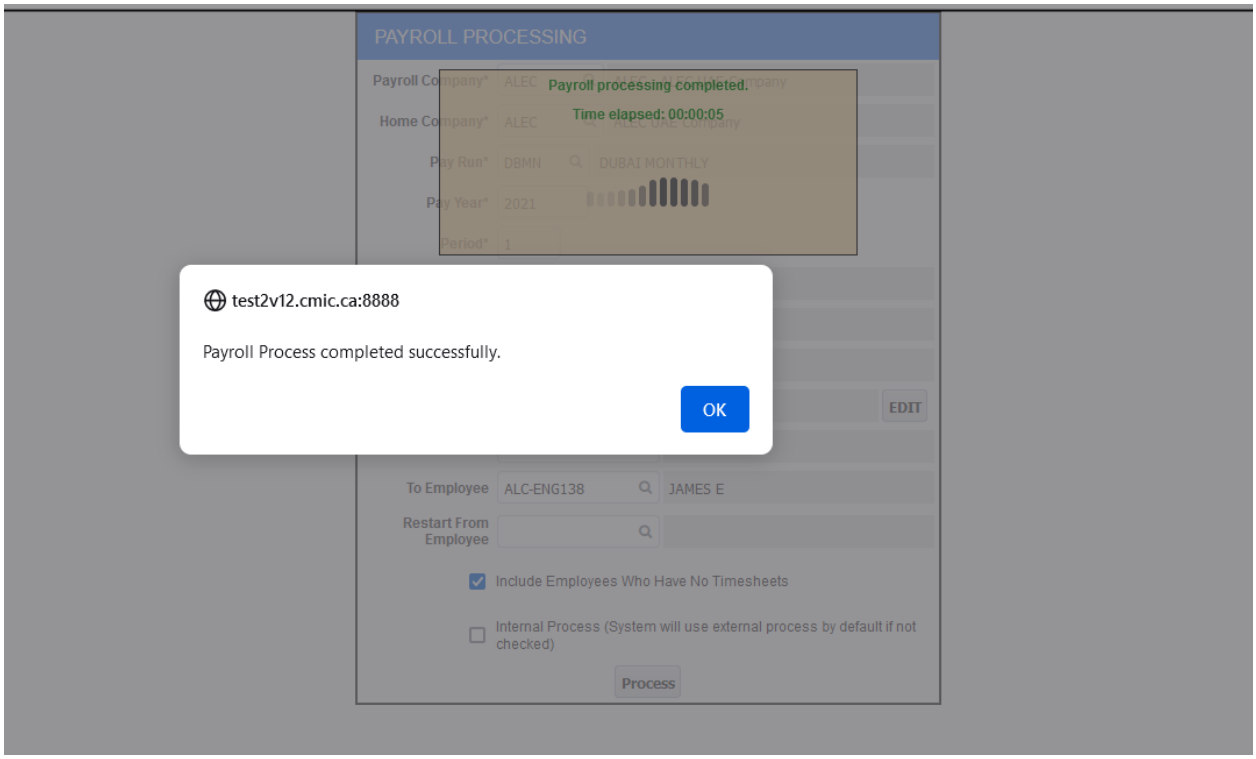
Below shows that the Employee History work status is in sync with the Employee Profile.



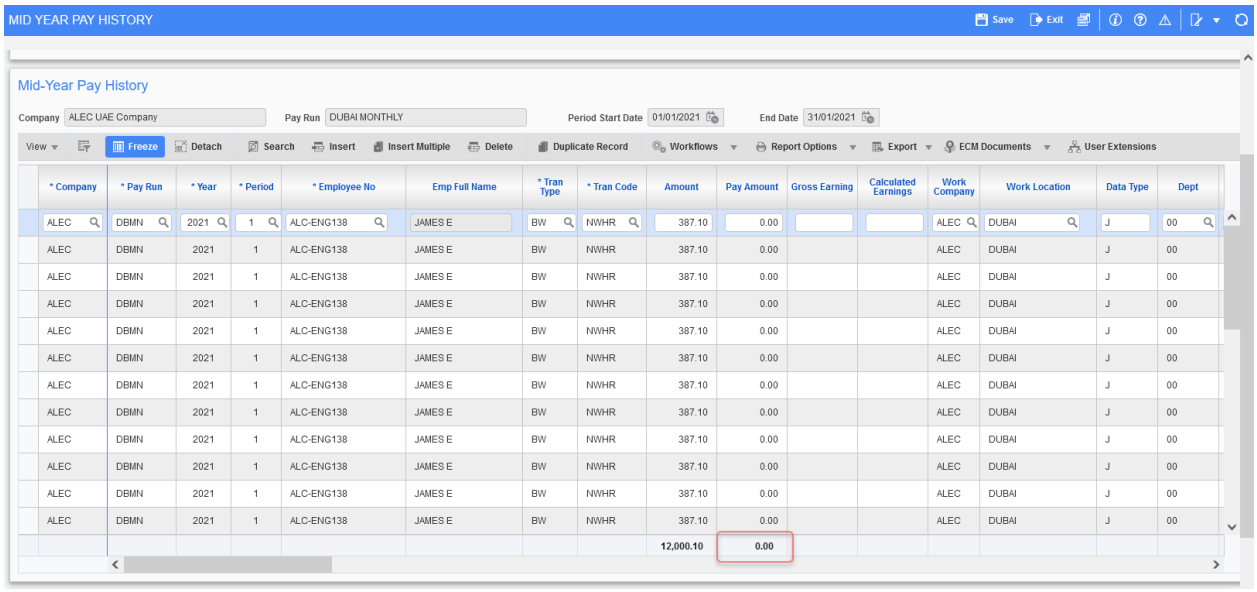
Shown above is an entered timesheet for the month for the inactive employee and processed payroll.

NOTE: A warning on timesheet will be added in the next patch



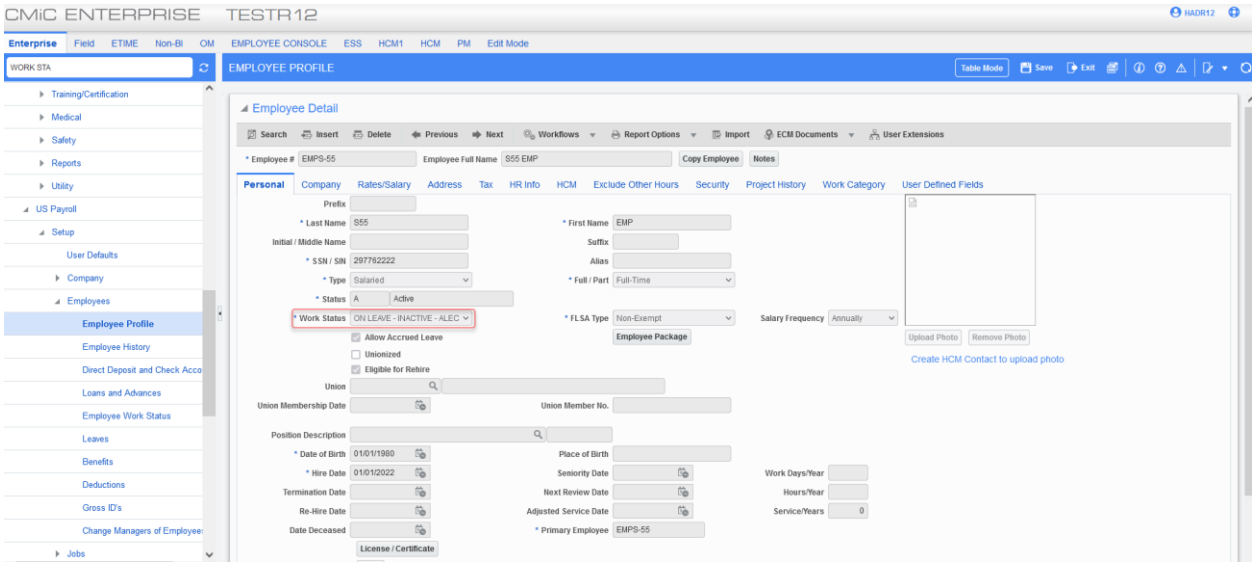


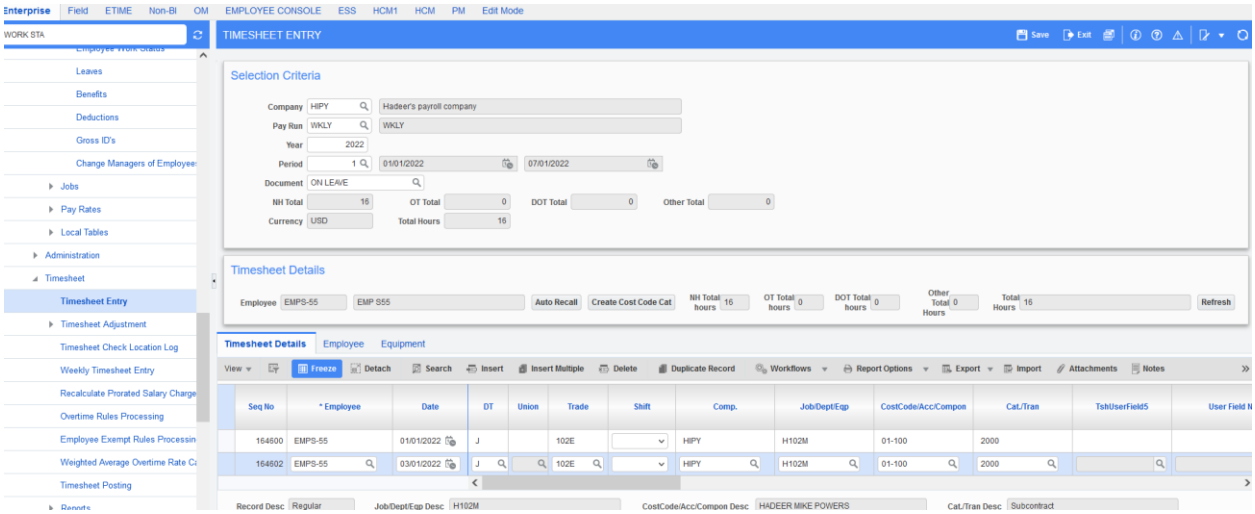
An amount of 0 pay is shown below as the employee is inactive for the period. The employee will receive 0 funds.

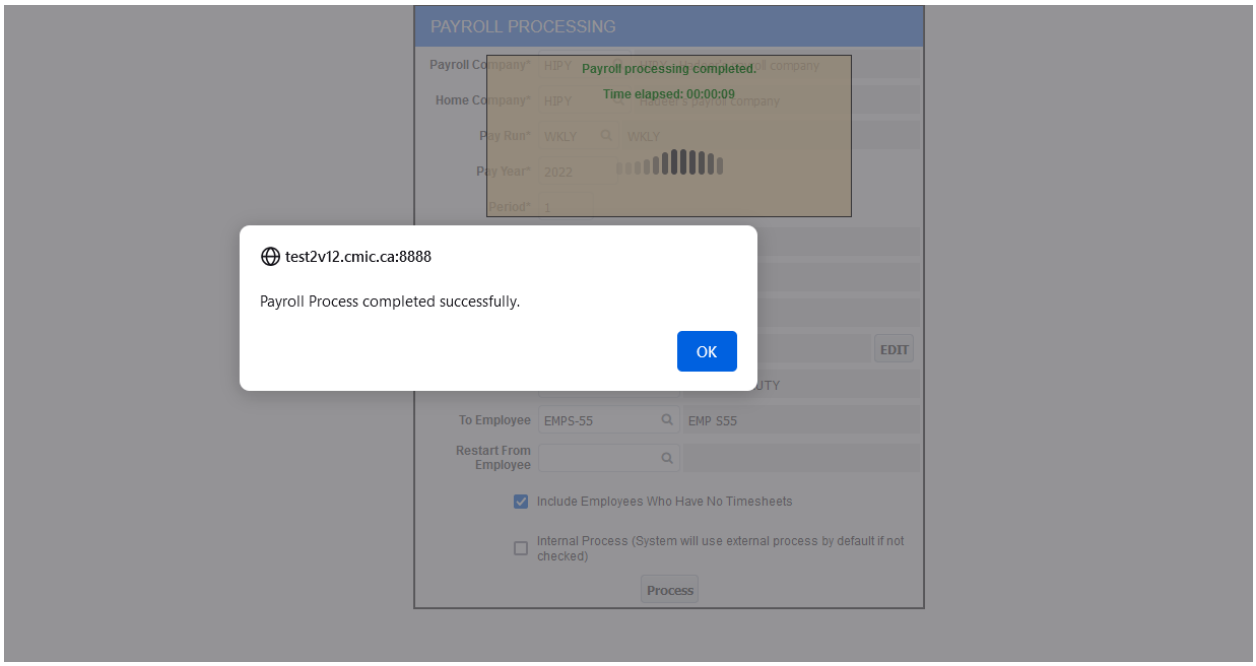


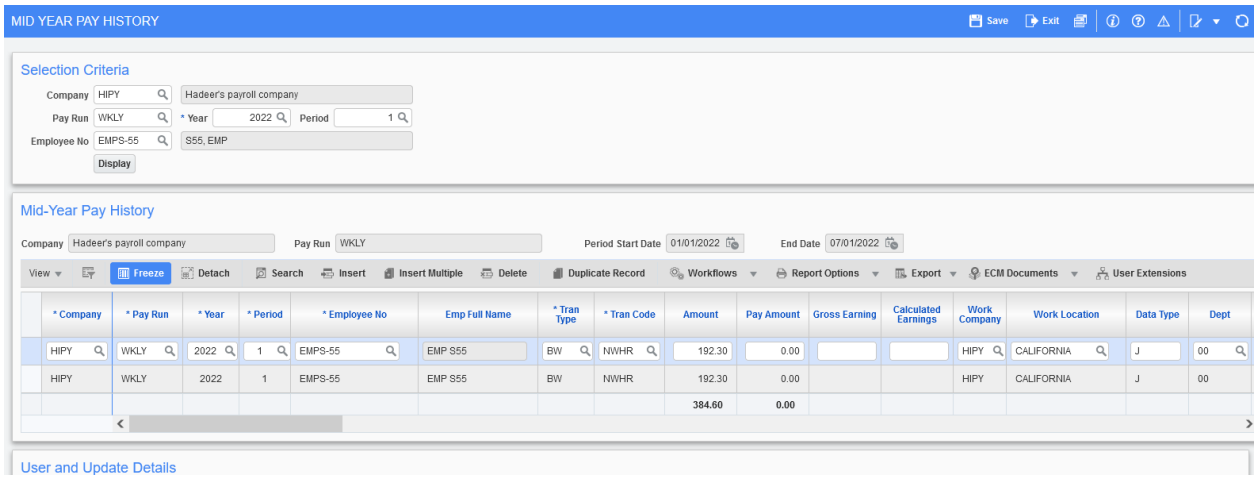
US payroll includes the same modification.

Testcase #1: Employee with an inactive status.

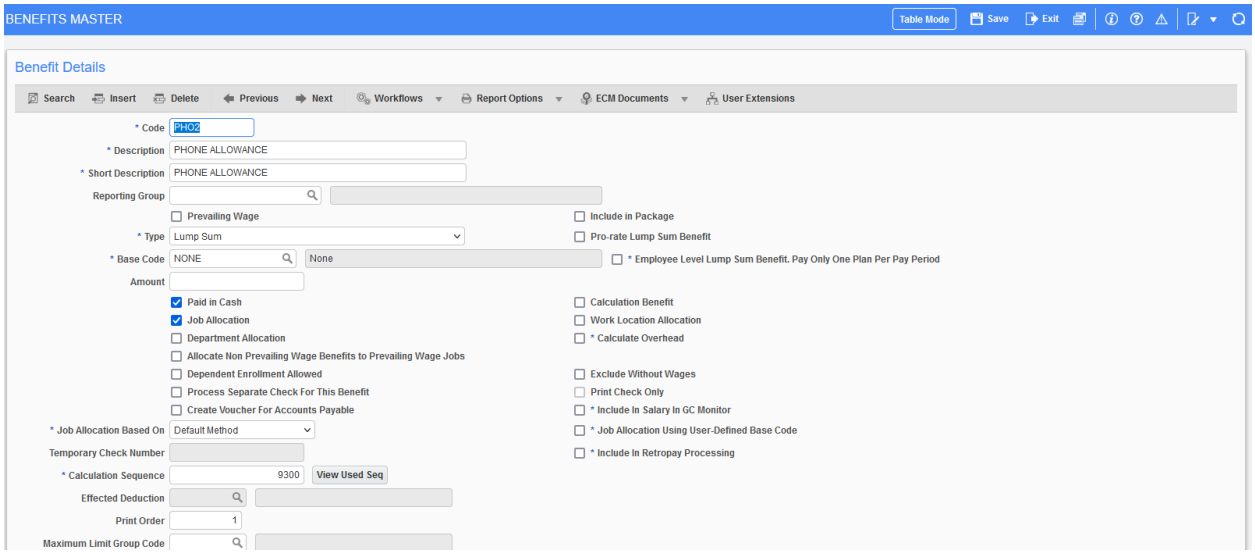

CMiC ENTERPRISE TESTR12
EMPLOYEE PROFILE
Employee Detail
Employee Profile
Employee History
Direct Deposit and Check Acco
Loans and Advances
Employee Work Status
Leaves
Benefits
Deductions
Gross ID's
Change Managers of Employee
Jobs
Personal
Company
Rates/Salary
Address
Tax
HR Info
HCM
Exclude Other Hours
Security
Project History
Work Category
User Defined Fields


TIMESHEET ENTRY
Selection Criteria
Timesheet Details
Timesheet Entry
Timesheet Adjustment
Timesheet Check Location Log
Weekly Timesheet Entry
Recalculate Prorated Salary Charge
Overtime Rules Processing
Employee Exempt Rules Processin
Weighted Average Overtime Rate C
Timesheet Posting
Employee
Equipment

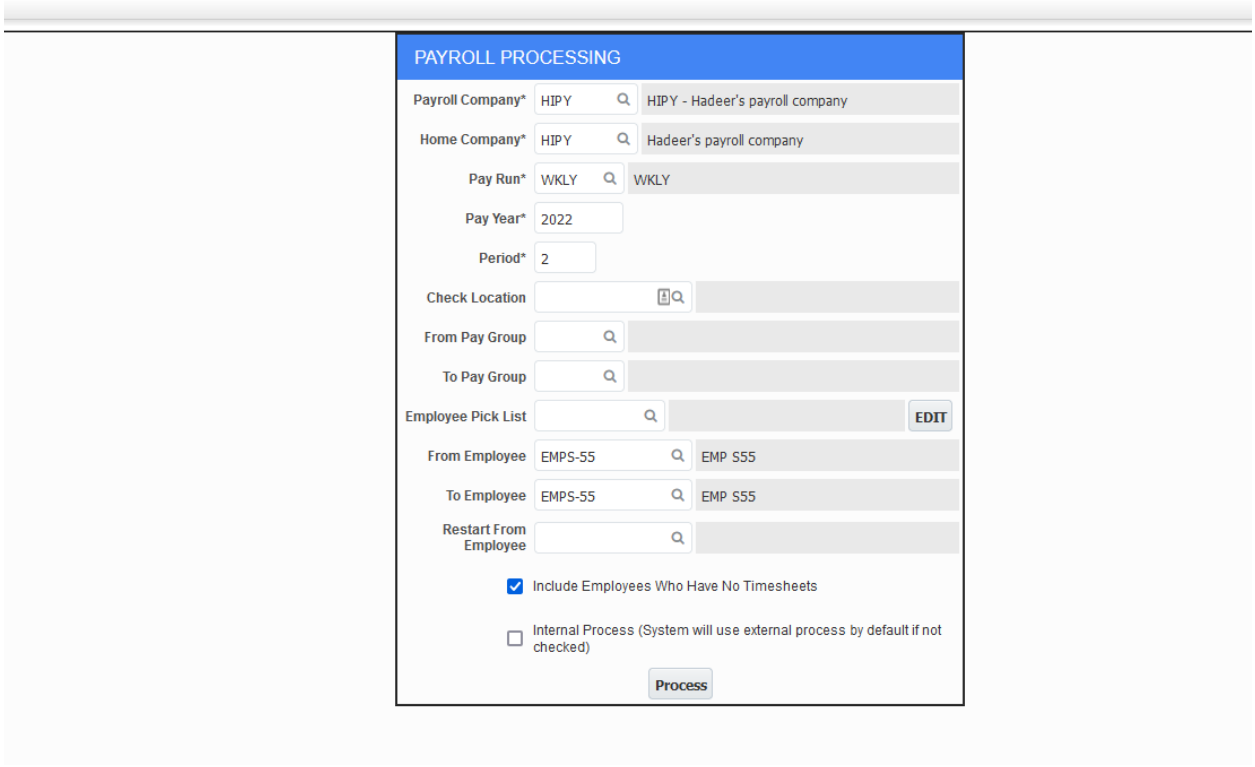




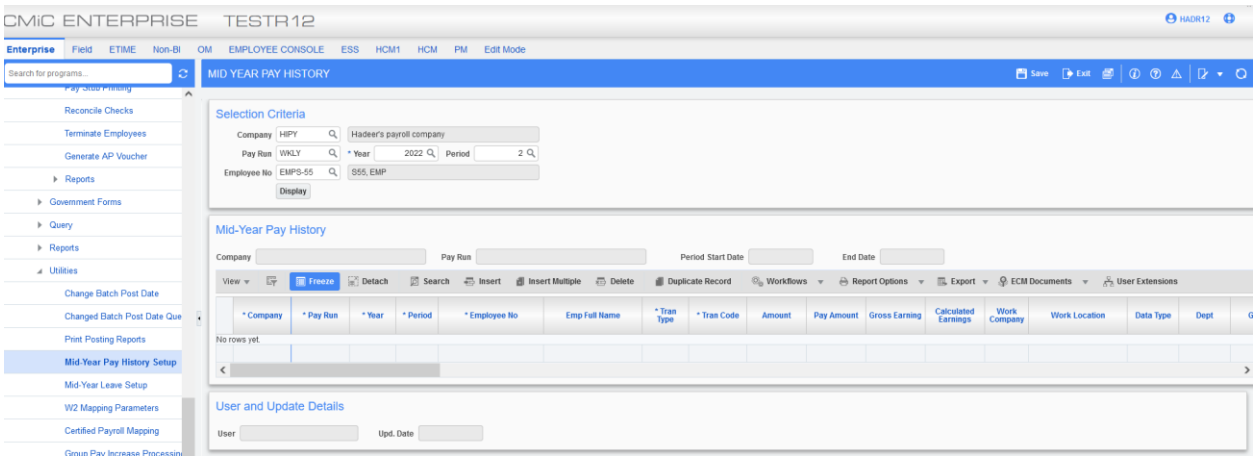
The inactive employee has benefits which do not show on mid year pay history even though the exclude without wages box is not checked.



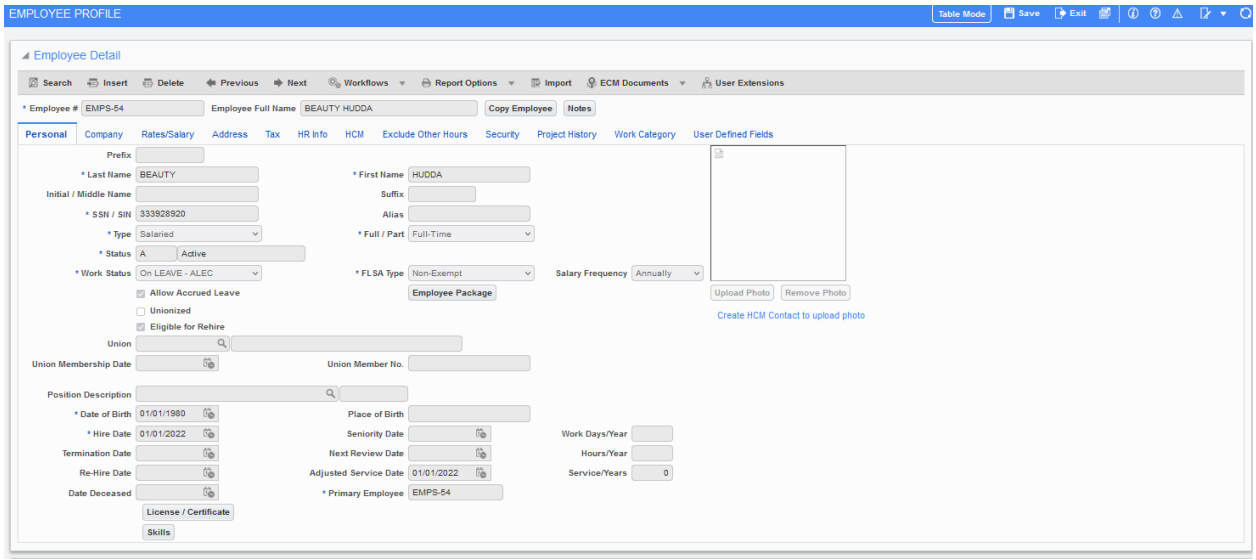
The employee is processed without a timesheet.



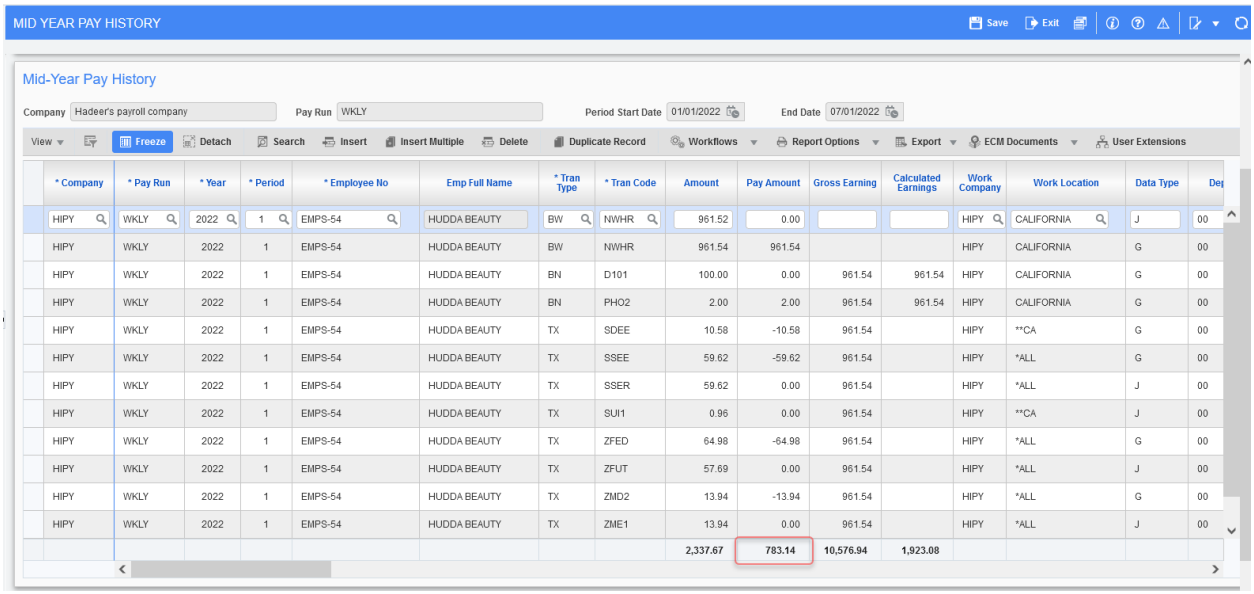
Nothing is being processed as the employee is inactive for the period.



Testcase # 2: Employee with an active work status.



Payroll process will process this status as the employee is active.



Leave Accruals - Job Allocation checkbox added to the Master Leave Setup (22.52955/HCM-472)

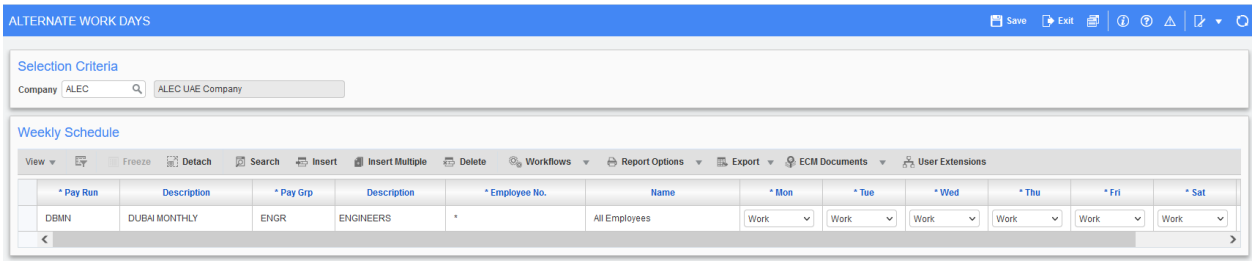
Overview

Some leaves are accrued in a certain region and must be charged to the job. The leave accrual must also accrue based on worked hours in a period for salaried employees. The worked hours are paid wage hours and not the timesheets hours. To enable this, CMIC has added a new Job Allocation checkbox on the Master Leave Setup.

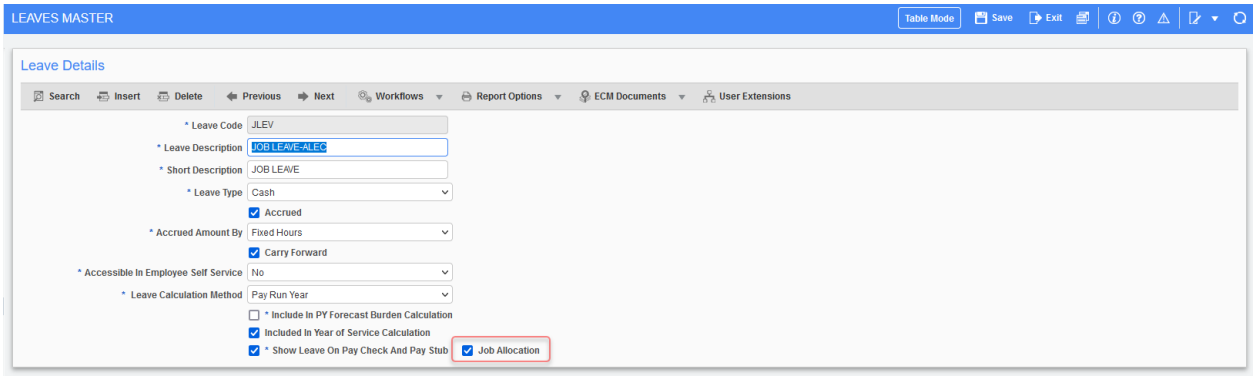
NOTE: This functionality is available for US Payroll and International Payroll.

Pre-requisites

1) Alternate Work Days should be set to 7 working days as per Dubai region working days.

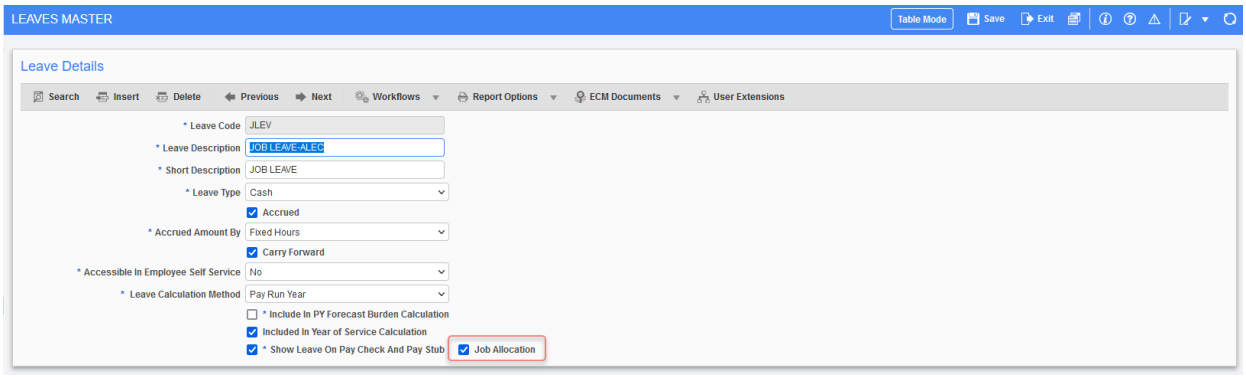


2) Job allocation flag should be added from the lite editor and checked.



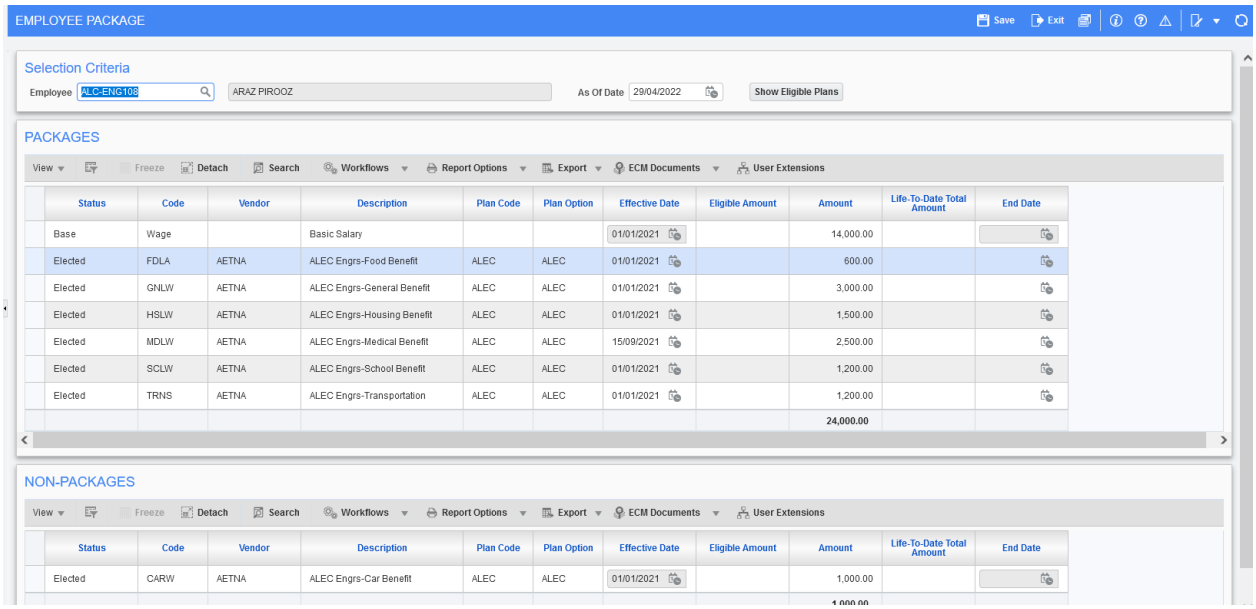
Modifications

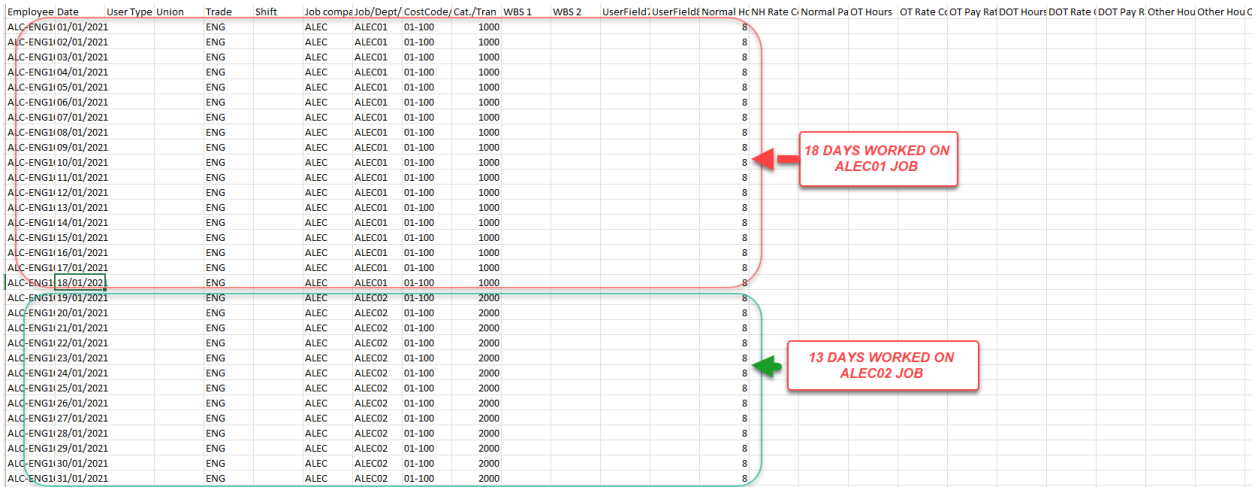
The Job Allocation checkbox is only enabled when the accrued box is checked. The payroll processing has been modified to allocate the accrued leave on jobs similar to other burdens. Accrual must be allocated to the job charged on leaves only.

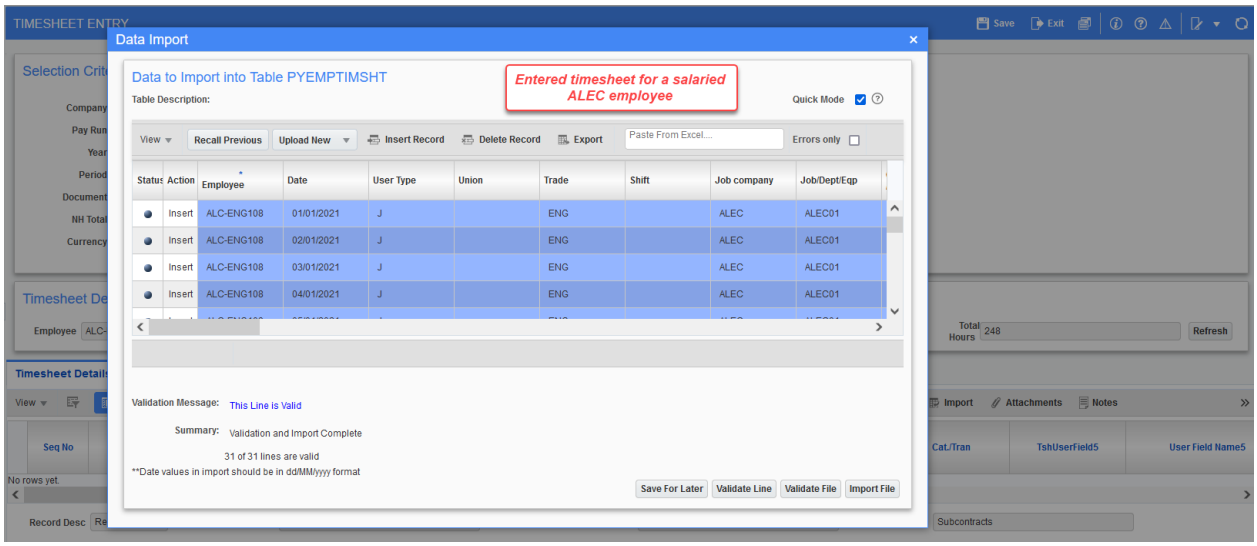


Implementation

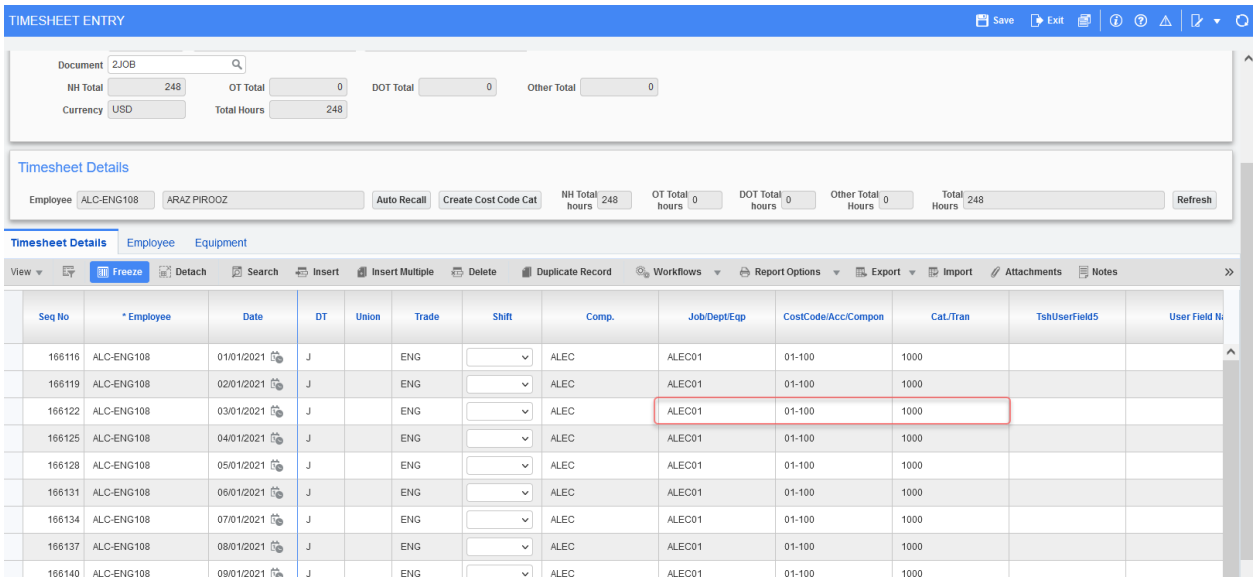
The following are examples of how this functionality is used.


EMPLOYEE PACKAGE
Save
Exit
Selection Criteria
Employee
ALC-ENG108
ARAZ PIROOZ
As Of Date
29/04/2022
Show Eligible Plans
PACKAGES
View
Freeze
Detach
Search
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
Base
Wage
Basic Salary
01/01/2021
14,000.00
Elected
FDLA
AETNA
ALEC Engrs-Food Benefit
ALEC
ALEC
01/01/2021
600.00
Elected
GNLW
AETNA
ALEC Engrs-General Benefit
ALEC
ALEC
01/01/2021
3,000.00
Elected
HSLW
AETNA
ALEC Engrs-Housing Benefit
ALEC
ALEC
01/01/2021
1,500.00
Elected
MDLW
AETNA
ALEC Engrs-Medical Benefit
ALEC
ALEC
15/09/2021
2,500.00
Elected
SCLW
AETNA
ALEC Engrs-School Benefit
ALEC
ALEC
01/01/2021
1,200.00
Elected
TRNS
AETNA
ALEC Engrs-Transportation
ALEC
ALEC
01/01/2021
1,200.00
24,000.00
NON-PACKAGES
Elected
CARW
AETNA
ALEC Engrs-Car Benefit
ALEC
ALEC
01/01/2021
1,000.00

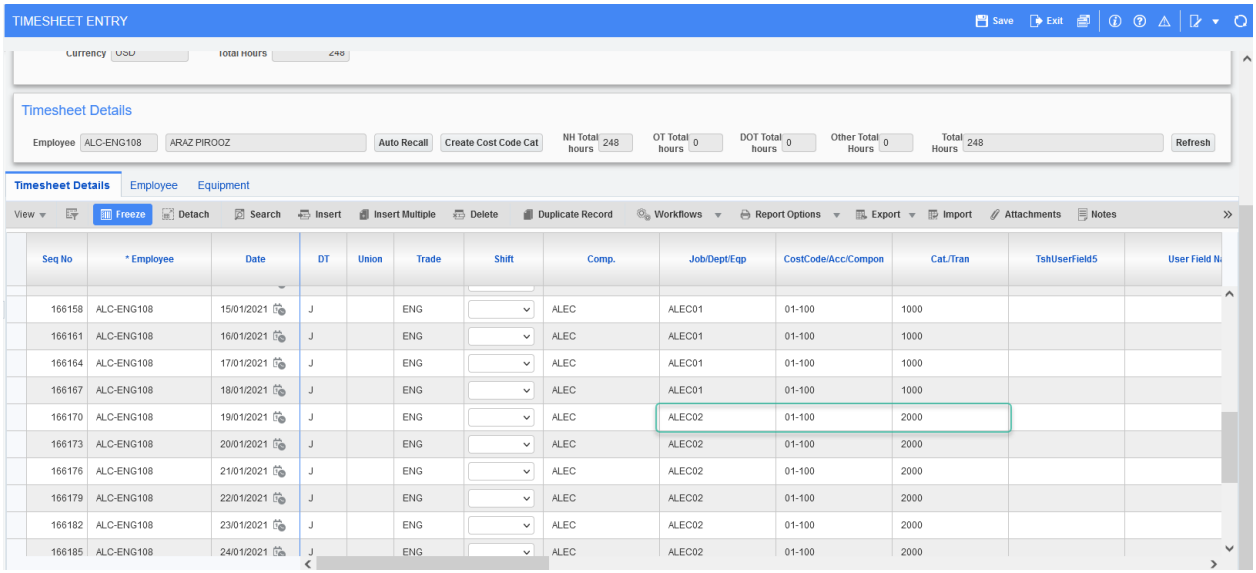

Employee
Date
User Type
Union
Trade
Shift
Job compe
Job/Dept/
CostCode/
Cat./Tran
WBS 1
WBS 2
UserField1
UserField2
Normal Hc
NH Rate C
Normal Pa
OT Hours
OT Rate Cc
OT Pay Rat
DOT Hours
DOT Rate (
DOT Pay R
Other Hou
Other Hou
ALC-ENG101 01/01/2021 ENG ALEC ALEC01 01-100 1000 8
ALC-ENG101 02/01/2021 ENG ALEC ALEC01 01-100 1000 8
ALC-ENG101 03/01/2021 ENG ALEC ALEC01 01-100 1000 8
ALC-ENG101 04/01/2021 ENG ALEC ALEC01 01-100 1000 8
ALC-ENG101 05/01/2021 ENG ALEC ALEC01 01-100 1000 8
ALC-ENG101 06/01/2021 ENG ALEC ALEC01 01-100 1000 8
ALC-ENG101 07/01/2021 ENG ALEC ALEC01 01-100 1000 8
ALC-ENG101 08/01/2021 ENG ALEC ALEC01 01-100 1000 8
ALC-ENG101 09/01/2021 ENG ALEC ALEC01 01-100 1000 8
ALC-ENG101 10/01/2021 ENG ALEC ALEC01 01-100 1000 8
ALC-ENG101 11/01/2021 ENG ALEC ALEC01 01-100 1000 8
ALC-ENG101 12/01/2021 ENG ALEC ALEC01 01-100 1000 8
ALC-ENG101 13/01/2021 ENG ALEC ALEC01 01-100 1000 8
ALC-ENG101 14/01/2021 ENG ALEC ALEC01 01-100 1000 8
ALC-ENG101 15/01/2021 ENG ALEC ALEC01 01-100 1000 8
ALC-ENG101 16/01/2021 ENG ALEC ALEC01 01-100 1000 8
ALC-ENG101 17/01/2021 ENG ALEC ALEC01 01-100 1000 8
ALC-ENG101 18/01/2021 ENG ALEC ALEC01 01-100 1000 8
ALC-ENG101 19/01/2021 ENG ALEC ALEC02 01-100 2000 8
ALC-ENG101 20/01/2021 ENG ALEC ALEC02 01-100 2000 8
ALC-ENG101 21/01/2021 ENG ALEC ALEC02 01-100 2000 8
ALC-ENG101 22/01/2021 ENG ALEC ALEC02 01-100 2000 8
ALC-ENG101 23/01/2021 ENG ALEC ALEC02 01-100 2000 8
ALC-ENG101 24/01/2021 ENG ALEC ALEC02 01-100 2000 8
ALC-ENG101 25/01/2021 ENG ALEC ALEC02 01-100 2000 8
ALC-ENG101 26/01/2021 ENG ALEC ALEC02 01-100 2000 8
ALC-ENG101 27/01/2021 ENG ALEC ALEC02 01-100 2000 8
ALC-ENG101 28/01/2021 ENG ALEC ALEC02 01-100 2000 8
ALC-ENG101 29/01/2021 ENG ALEC ALEC02 01-100 2000 8
ALC-ENG101 30/01/2021 ENG ALEC ALEC02 01-100 2000 8
ALC-ENG101 31/01/2021 ENG ALEC ALEC02 01-100 2000 8
18 DAYS WORKED ON ALEC01 JOB
13 DAYS WORKED ON ALEC02 JOB

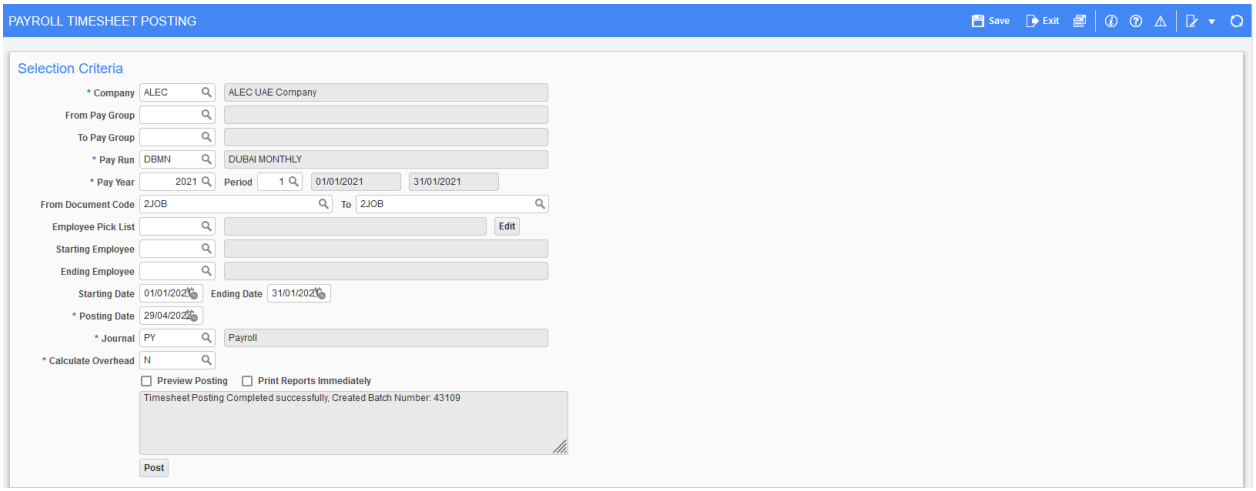

TIMESHEET ENTRY
Data Import
Data to Import into Table PYEMPTIMSHT
Table Description:
Entered timesheet for a salaried ALEC employee
Quick Mode
View
Recall Previous
Upload New
Insert Record
Delete Record
Export
Paste From Excel...
Errors only
Status
Action
Employee
Date
User Type
Union
Trade
Shift
Job company
Job/Dept/Eqp
Insert ALC-ENG108 01/01/2021 J ENG ALEC ALEC01
Insert ALC-ENG108 02/01/2021 J ENG ALEC ALEC01
Insert ALC-ENG108 03/01/2021 J ENG ALEC ALEC01
Insert ALC-ENG108 04/01/2021 J ENG ALEC ALEC01
Validation Message: This Line is Valid
Summary: Validation and Import Complete
31 of 31 lines are valid
**Date values in import should be in dd/MM/yyyy format
Save For Later
Validate Line
Validate File
Import File

JOB1

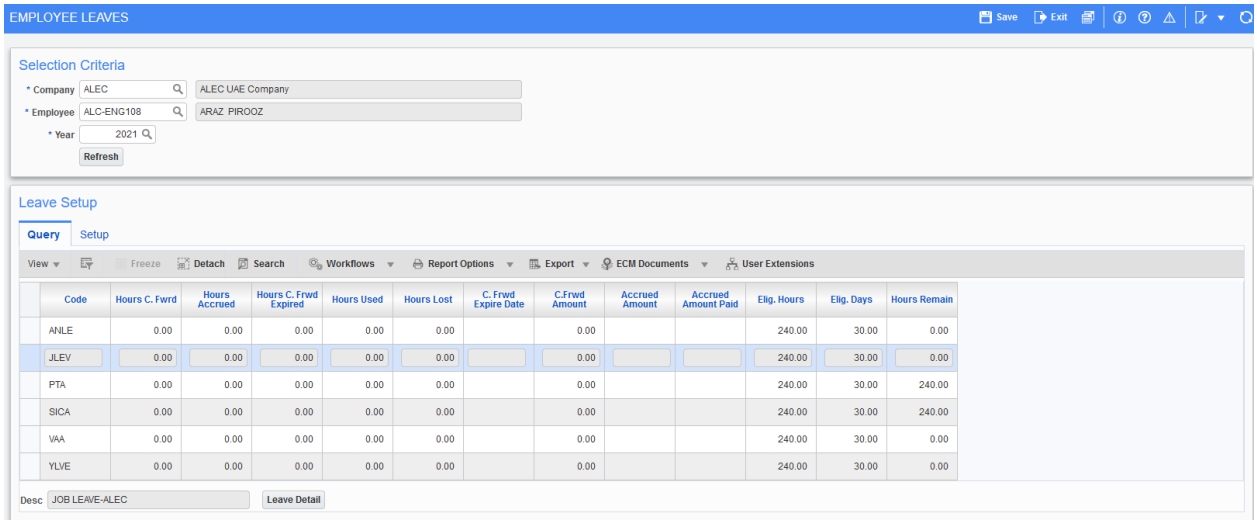

TIMESHEET ENTRY
Save
Exit
Document 2JOB
NH Total 248
OT Total 0
DOT Total 0
Other Total 0
Currency USD
Total Hours 248
Timesheet Details
Employee ALC-ENG108 ARAZ PIROOZ
Auto Recall
Create Cost Code Cat
NH Total hours 248
OT Total hours 0
DOT Total hours 0
Other Total Hours 0
Total Hours 248
Refresh
Timesheet Details
Employee
Equipment
Freeze
Detach
Search
Insert
Insert Multiple
Delete
Duplicate Record
Workflows
Report Options
Export
Import
Attachments
Notes
Seq No
* Employee
Date
DT
Union
Trade
Shift
Comp.
Job/Dept/Eqp
CostCode/Acc/Compon
Cat./Tran
TshUserField5
166116 ALC-ENG108 01/01/2021 J ENG ALEC ALEC01 01-100 1000
166119 ALC-ENG108 02/01/2021 J ENG ALEC ALEC01 01-100 1000
166122 ALC-ENG108 03/01/2021 J ENG ALEC ALEC01 01-100 1000
166125 ALC-ENG108 04/01/2021 J ENG ALEC ALEC01 01-100 1000
166128 ALC-ENG108 05/01/2021 J ENG ALEC ALEC01 01-100 1000
166131 ALC-ENG108 06/01/2021 J ENG ALEC ALEC01 01-100 1000
166134 ALC-ENG108 07/01/2021 J ENG ALEC ALEC01 01-100 1000
166137 ALC-ENG108 08/01/2021 J ENG ALEC ALEC01 01-100 1000
166140 ALC-ENG108 09/01/2021 J ENG ALEC ALEC01 01-100 1000

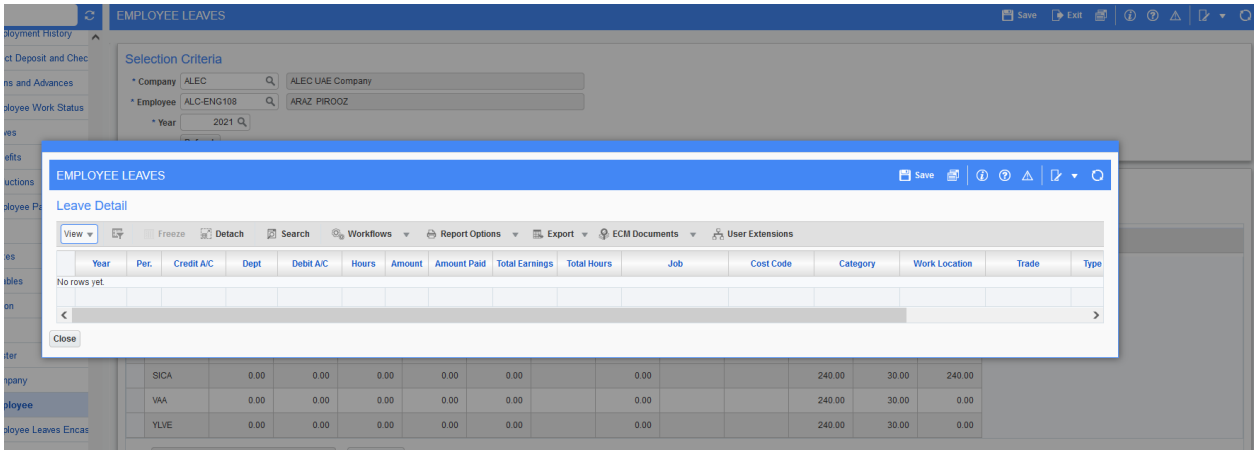
JOB2

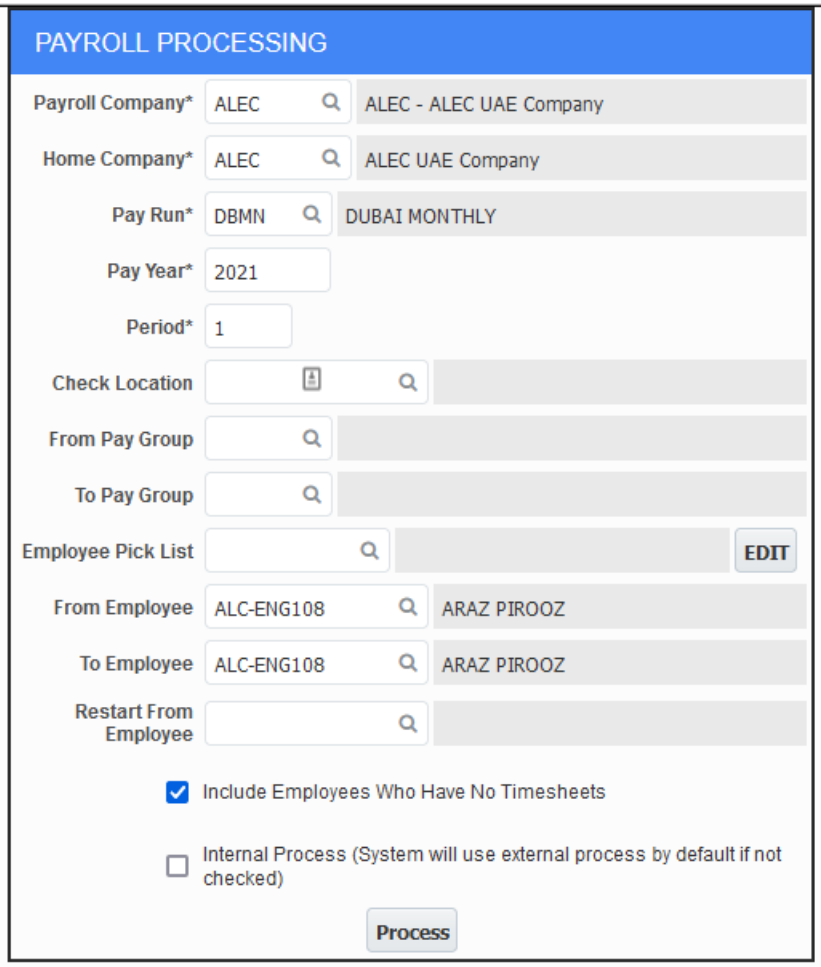

TIMESHEET ENTRY
Save
Exit
Timesheet Details
Employee ALC-ENG108 ARAZ PIROOZ
Auto Recall
Create Cost Code Cat
Refresh
Timesheet Details
Employee
Equipment
Freeze
Detach
Search
Insert
Insert Multiple
Delete
Duplicate Record
Workflows
Report Options
Export
Import
Attachments
Notes
Seq No
* Employee
Date
DT
Union
Trade
Shift
Comp.
Job/Dept/Eqp
CostCode/Acc/Compon
Cat./Tran
TshUserField5
User Field N
166158 ALC-ENG108 15/01/2021 J ENG ALEC ALEC01 01-100 1000
166161 ALC-ENG108 16/01/2021 J ENG ALEC ALEC01 01-100 1000
166164 ALC-ENG108 17/01/2021 J ENG ALEC ALEC01 01-100 1000
166167 ALC-ENG108 18/01/2021 J ENG ALEC ALEC01 01-100 1000
166170 ALC-ENG108 19/01/2021 J ENG ALEC ALEC02 01-100 2000
166173 ALC-ENG108 20/01/2021 J ENG ALEC ALEC02 01-100 2000
166176 ALC-ENG108 21/01/2021 J ENG ALEC ALEC02 01-100 2000
166179 ALC-ENG108 22/01/2021 J ENG ALEC ALEC02 01-100 2000
166182 ALC-ENG108 23/01/2021 J ENG ALEC ALEC02 01-100 2000
166185 ALC-ENG108 24/01/2021 J ENG ALEC ALEC02 01-100 2000


PAYROLL TIMESHEET POSTING
Save
Exit
Selection Criteria
* Company ALEC ALEC UAE Company
From Pay Group
To Pay Group
* Pay Run DBMN DUBAI MONTHLY
* Pay Year 2021 Period 1 01/01/2021 31/01/2021
From Document Code 2JOB To 2JOB
Employee Pick List
Edit
Starting Employee
Ending Employee
Starting Date 01/01/2021 Ending Date 31/01/2021
* Posting Date 29/04/2022
* Journal PY Payroll
* Calculate Overhead N
Preview Posting
Print Reports Immediately
Timesheet Posting Completed successfully, Created Batch Number: 43109
Post

Before printing checks:






PAYROLL PROCESSING
Payroll Company*
ALEC
ALEC - ALEC UAE Company
Home Company*
ALEC
ALEC UAE Company
Pay Run*
DBMN
DUBAI MONTHLY
Pay Year*
2021
Period*
1
Check Location
From Pay Group
To Pay Group
Employee Pick List
EDIT
From Employee
ALC-ENG108
ARAZ PIROOZ
To Employee
ALC-ENG108
ARAZ PIROOZ
Restart From Employee
Include Employees Who Have No Timesheets
Internal Process (System will use external process by default if not checked)
Process

Employee leave after printing check for period 1.

EMPLOYEE NAME	SOCIAL INSURANCE NUMBER	UNION	Trade	CONTRACT NO	PERIOD END DATE
ARAZ PIROOZ	xxx-xx-		ENG	ALEC02	31/01/2021

TAXABLE EARNINGS AND BENEFITS

DESCRIPTION	RATE	HOURS	AMOUNT	TO - DATE
Regular Hours	0.00	0	0.00	0.00
Regular Hours	56.45	248	14,000.00	14,000.00
TOTAL		248	14,000.00	14,000.00
VEHICLE		0	1,000.00	1,000.00
FOOD		0	600.00	600.00
GENERAL		0	3,000.00	3,000.00
HOUSING		0	1,500.00	1,500.00
SCHOOL		0	1,200.00	1,200.00
TRANSPORT		0	1,200.00	1,200.00
TOTAL OTHER EARNINGS		0	8,500.00	8,500.00

Leave Code	C Frwd	Accrued	Used	Balance
ANNUAL LEAVE	0.00	20.00	0.00	20.00
JOB LEAVE	0.00	20.00	0.00	20.00

TAXES & DEDUCTIONS

DESCRIPTION	AMOUNT	TO - DATE
TOTAL		

DESCRIPTION	AMOUNT	TO - DATE
TOTAL		

TOTAL TAXES & DEDUCTIONS	0.00	0.00

CHECK DATE	CHECK NO.
31/01/2021	43

TOTAL EARNINGS	14,000.00	NON TAX TOTAL	0.00
TOTAL YEAR TO DATE	14,000.00	CO. PD. BENEFITS	

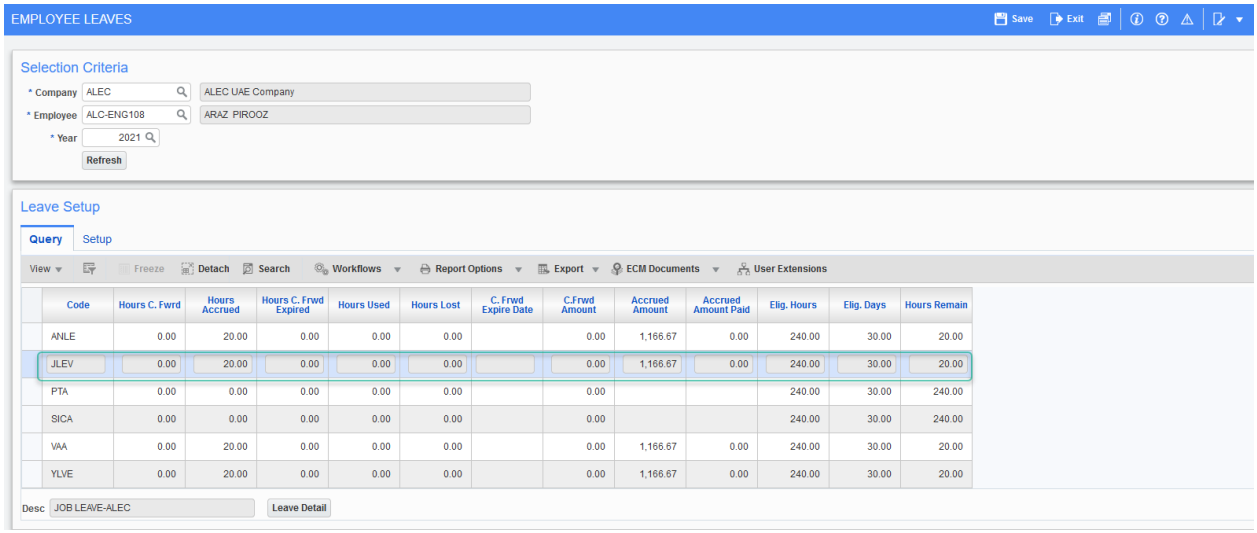
CHECK AMOUNT 22,500.00

Employee ID	Date	Check No.
ALC-ENG108	31-JAN-2021	43

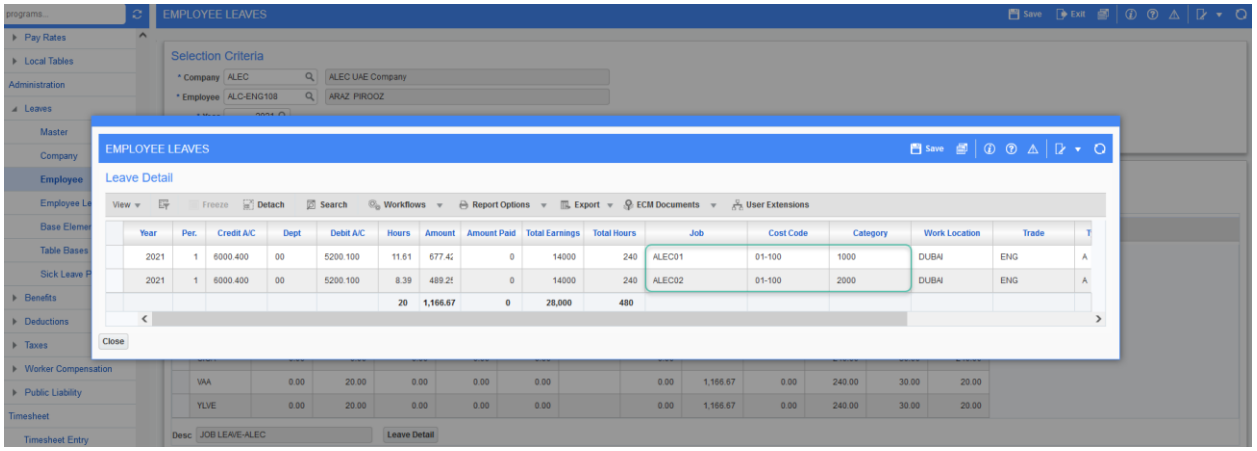
Pay : TWENTY-TWO THOUSAND FIVE HUNDRED DOLLARS 00/100 ***22,500.00

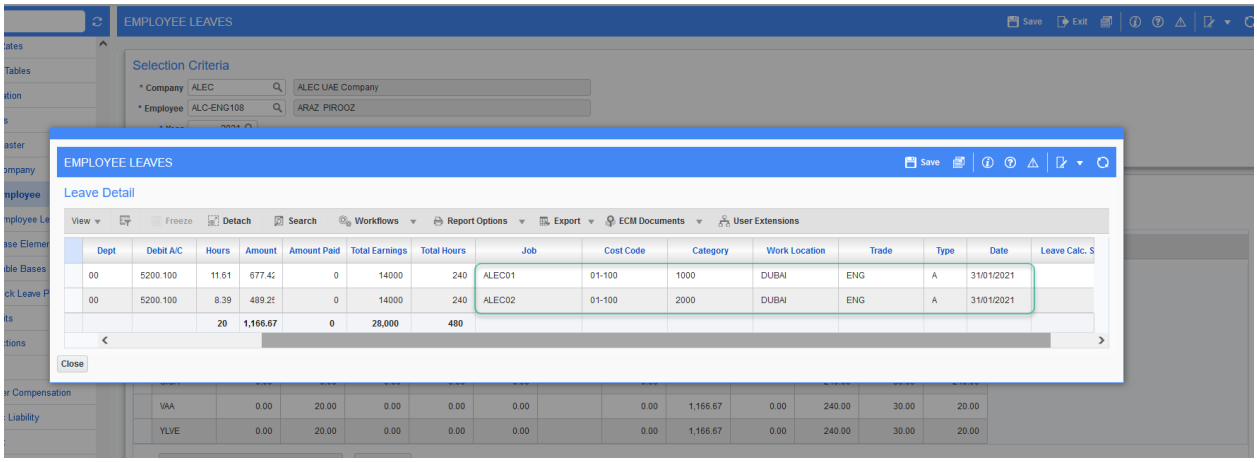
TO THE ORDER OF PIROOZ, ARAZ

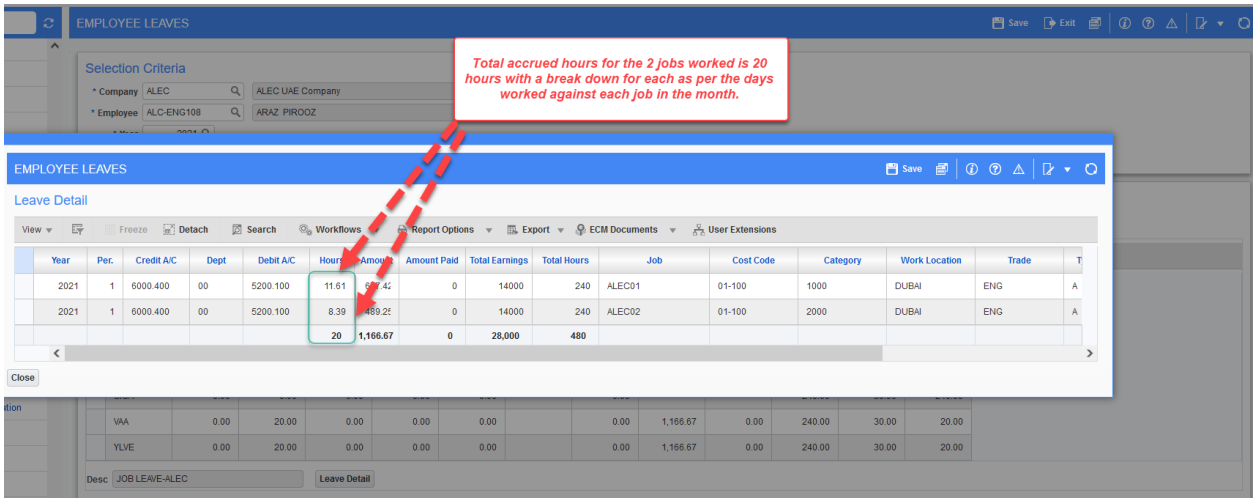
DBAI 10022



Employee Leave Details – Accrued Leave on the Job/Cost Code and Category







ALEC01 Job Accrued based on the Formula as under: Leave Hours Accrued = Working Days * (Yearly Eligible Hours/12 Months) / 31 (days in month of January).

18 Working Days * (240 Eligible Hours/12 Months = 20 Hours) / 31 days for the month of January = 11.61 Hours Accrued

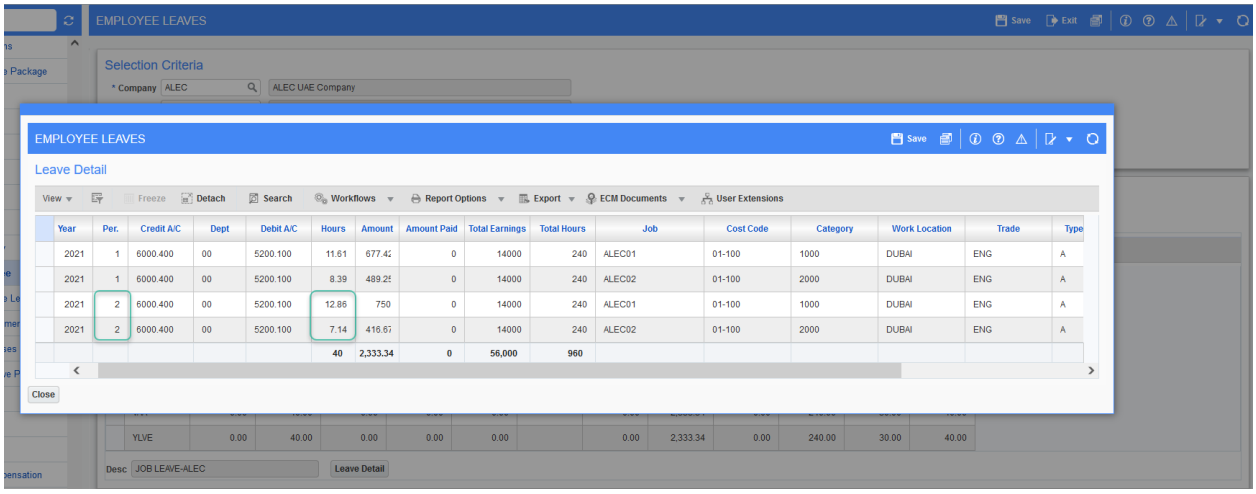
ALEC02 Job Accrued based on the Formula as under:

13 Working Days * (240 Eligible Hours/12 Months = 20 Hours) / 31 days for the month of January = 8.387 Hours Accrued (rounded to 8.39)

PERIOD 2: 18 DAYS OF ALEC01 JOB AND 10 DAYS OF ALEC02 JOB

ALEC01 = 18 Working Days * (240 Eligible Hours/12 Months = 20 Hours) / 28 days for the month of January = 12.86 Hours Accrued

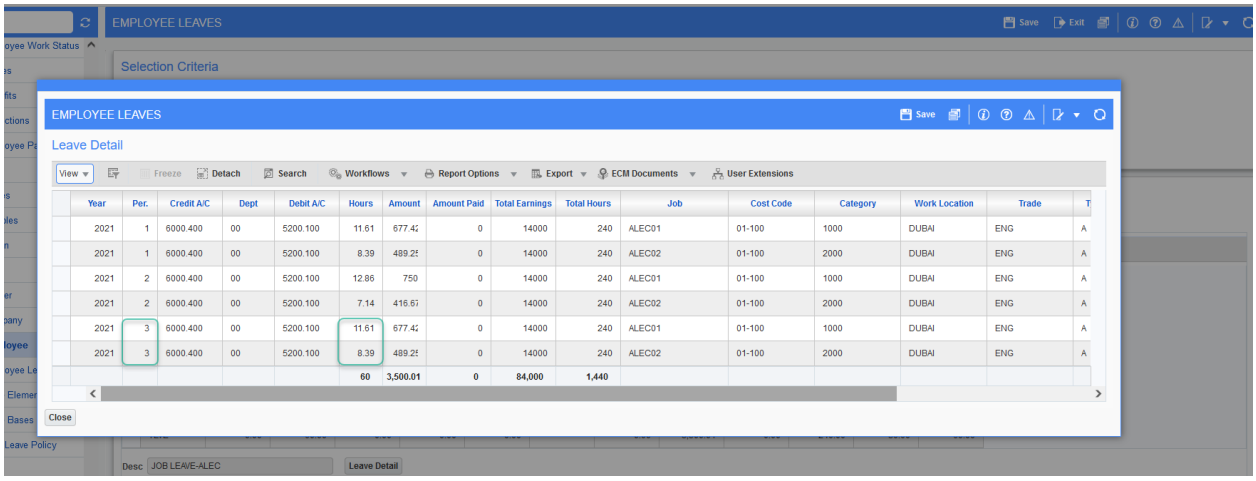
ALEC02 = 10 Working Days * (240 Eligible Hours/12 Months = 20 Hours) / 28 days for the month of January = 7.14 Hours Accrued



PERIOD 3: 18 DAYS OF ALEC01 JOB AND 13 DAYS OF ALEC02 JOB

ALEC01= 18 Working Days * (240 Eligible Hours/12 Months = 20 Hours) / 31 days for the month of January = 11.61 Hours Accrued

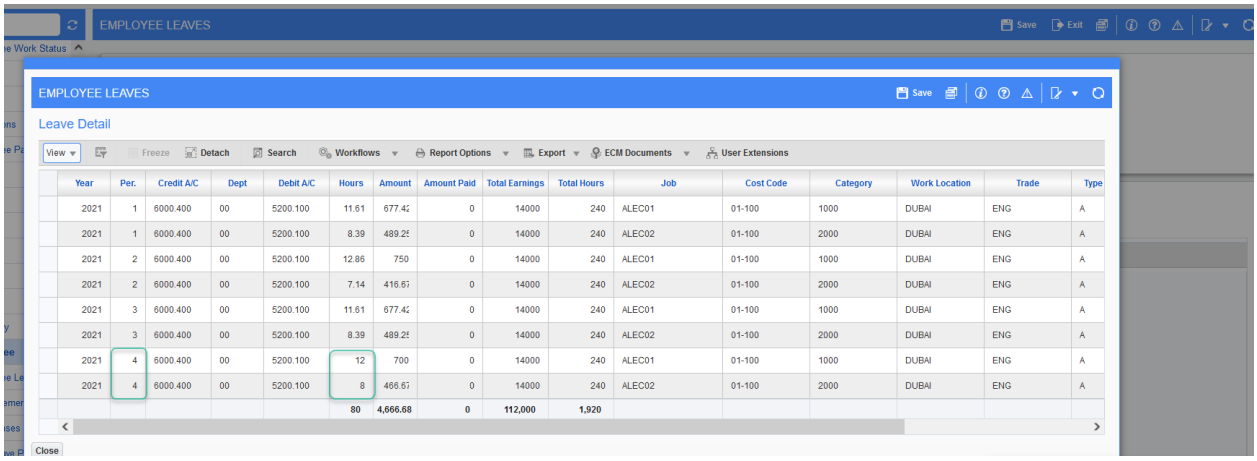
ALEC02= 13 Working Days * (240 Eligible Hours/12 Months = 20 Hours) / 31 days for the month of January = 8.387 Hours Accrued (rounded to 8.39)



PERIOD 4: 18 DAYS OF ALEC01 JOB AND 12 DAYS OF ALEC02 JOB

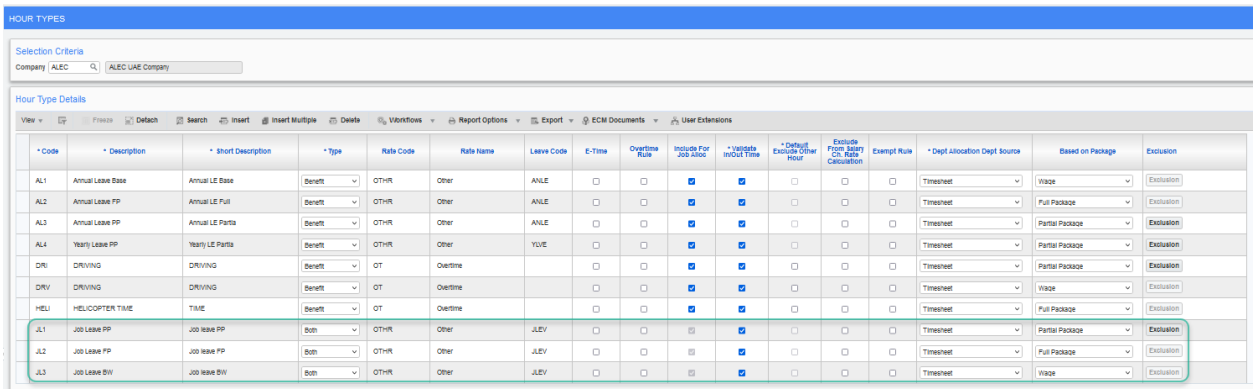
ALEC01= 18 Working Days * (240 Eligible Hours/12 Months = 20 Hours) / 30 days for the month of January = 12 Hours Accrued

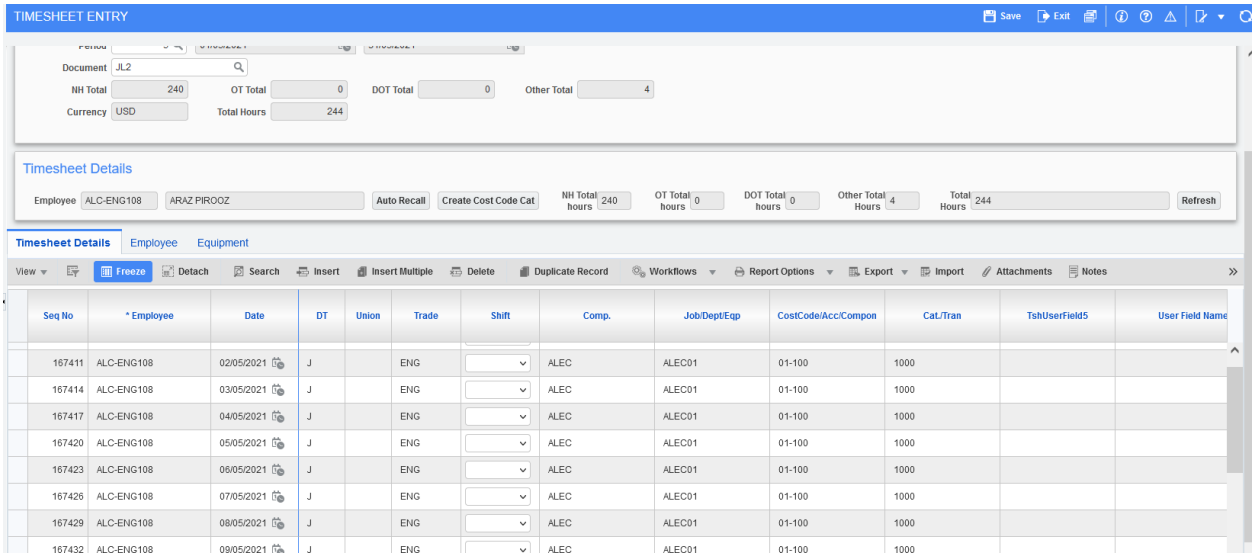
ALEC02= 12 Working Days * (240 Eligible Hours/12 Months = 20 Hours) / 30 days for the month of January = 8 Hours Accrued (rounded to 8.39)

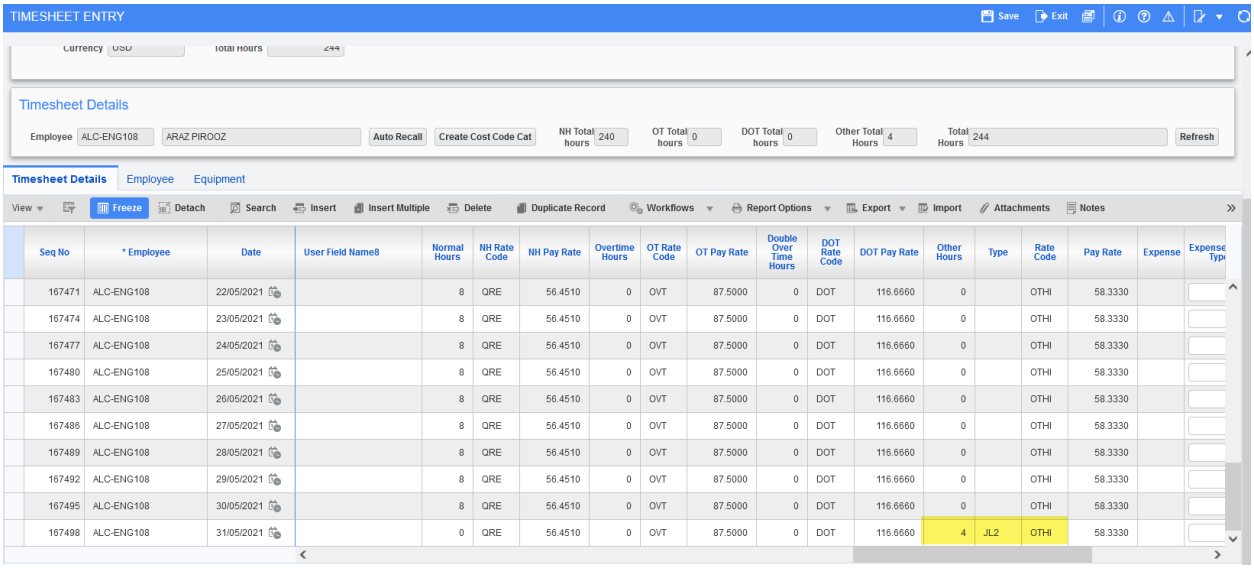


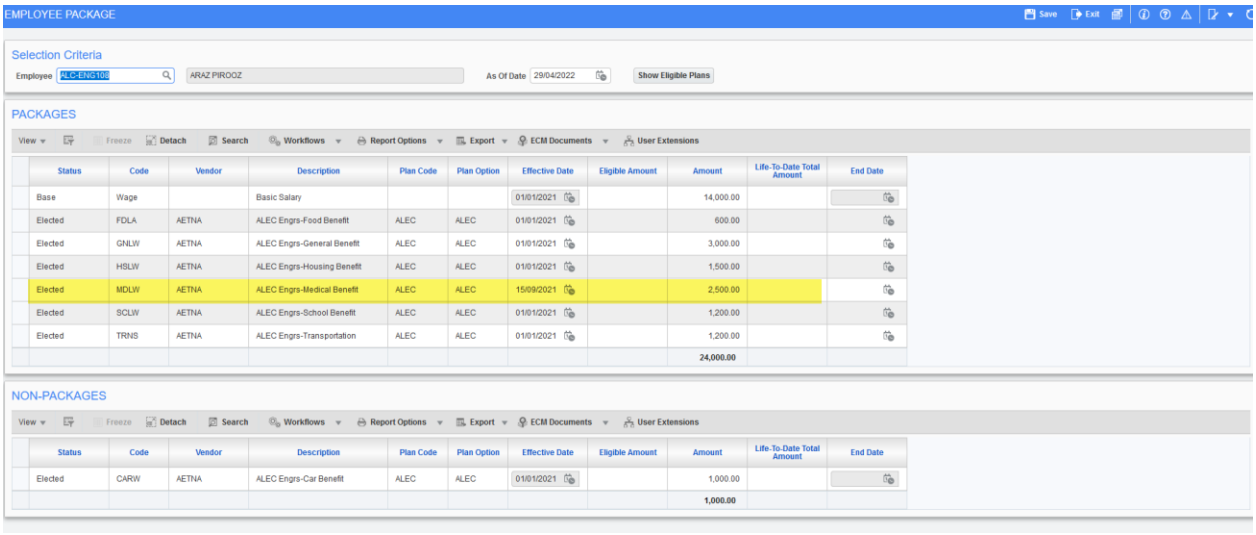
Test Case 2 – Timesheet entry with Leave code taken against ‘G’ line in the next period against the accrued job leaves.

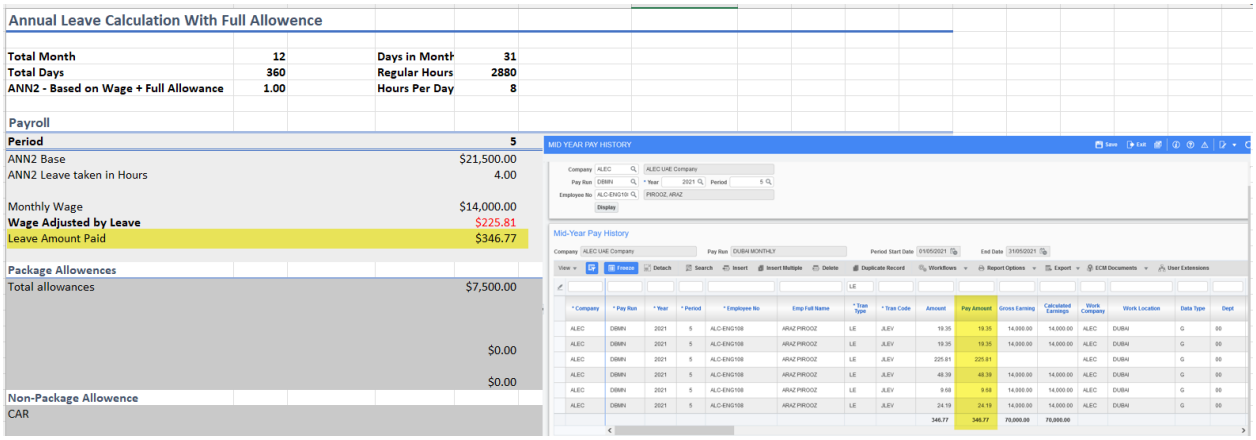
Leave – Other hour type JL2 is entered as a ‘G’ Line in timesheet entry screen

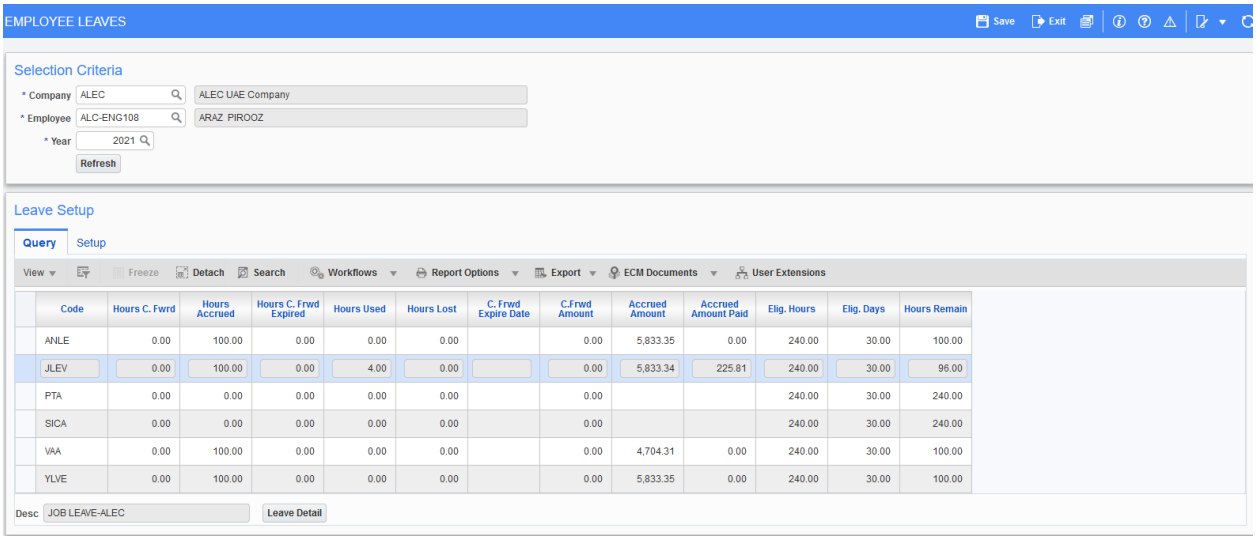

HOUR TYPES
Selection Criteria
Hour Type Details

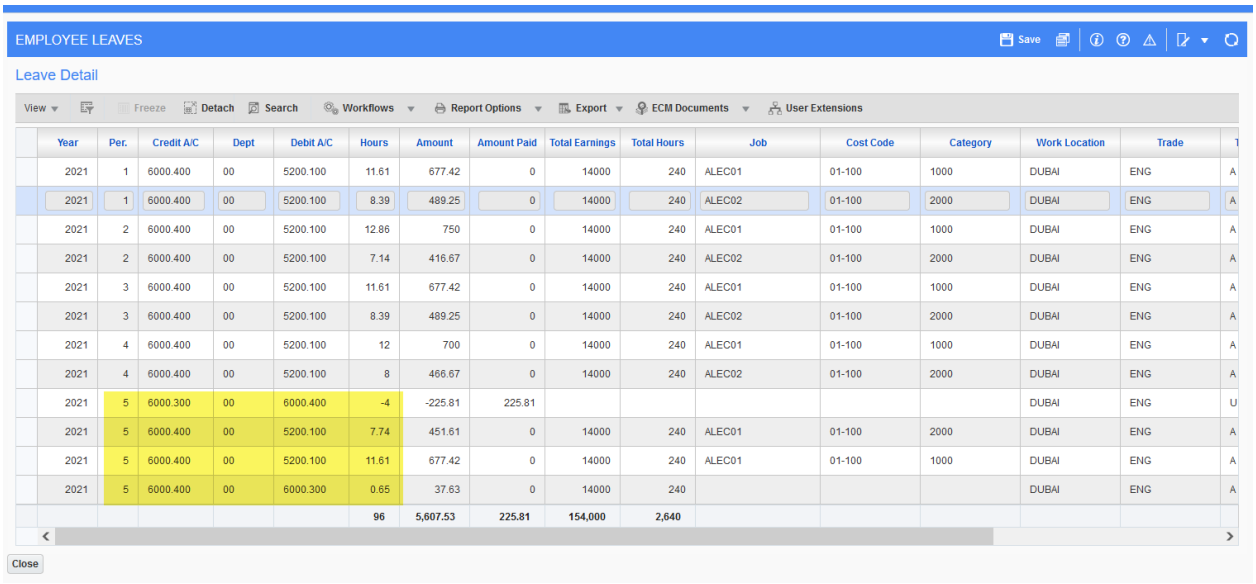

TIMESHEET ENTRY
Save
Exit
Document JL2
NH Total 240
OT Total 0
DOT Total 0
Other Total 4
Currency USD
Total Hours 244
Timesheet Details
Employee ALC-ENG108 ARAZ PIROOZ
Auto Recall
Create Cost Code Cat
Refresh
Timesheet Details
Employee
Equipment
Freeze
Detach
Search
Insert
Insert Multiple
Delete
Duplicate Record
Workflows
Report Options
Export
Import
Attachments
Notes

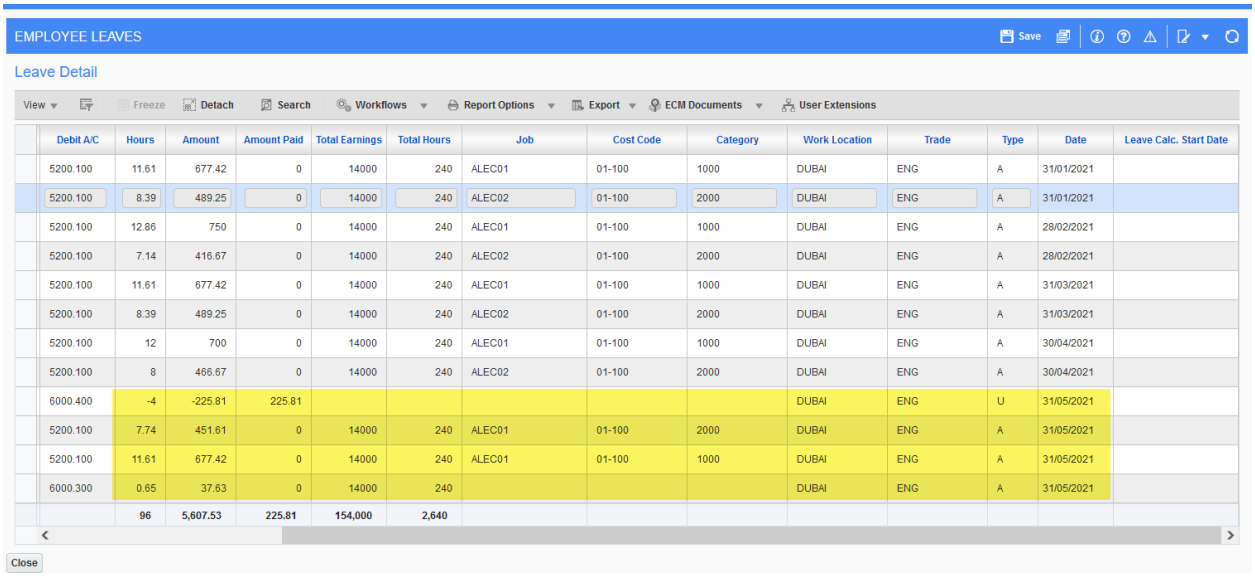

TIMESHEET ENTRY
Save
Exit
Timesheet Details
Employee ALC-ENG108 ARAZ PIROOZ
Auto Recall
Create Cost Code Cat
Refresh
Timesheet Details
Employee
Equipment
Freeze
Detach
Search
Insert
Insert Multiple
Delete
Duplicate Record
Workflows
Report Options
Export
Import
Attachments
Notes


EMPLOYEE PACKAGE
Selection Criteria
Employee ALC-ENG108 ARAZ PIROOZ
As Of Date 29/04/2022
Show Eligible Plans
PACKAGES
View Freeze Detach Search 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
Base Wage Basic Salary 01/01/2021 14,000.00
Elected FDLA AETNA ALEC Engrs-Food Benefit ALEC ALEC 01/01/2021 600.00
Elected GNLW AETNA ALEC Engrs-General Benefit ALEC ALEC 01/01/2021 3,000.00
Elected HSLW AETNA ALEC Engrs-Housing Benefit ALEC ALEC 01/01/2021 1,500.00
Elected MDLW AETNA ALEC Engrs-Medical Benefit ALEC ALEC 15/09/2021 2,500.00
Elected SCLW AETNA ALEC Engrs-School Benefit ALEC ALEC 01/01/2021 1,200.00
Elected TRNS AETNA ALEC Engrs-Transportation ALEC ALEC 01/01/2021 1,200.00
24,000.00
NON-PACKAGES
View Freeze Detach Search 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
Elected CARW AETNA ALEC Engrs-Car Benefit ALEC ALEC 01/01/2021 1,000.00
1,000.00


Annual Leave Calculation With Full Allowence
Total Month 12 Days in Month 31
Total Days 360 Regular Hours 2880
ANN2 - Based on Wage + Full Allowance 1.00 Hours Per Day 8
Payroll
Period 5
ANN2 Base $21,500.00
ANN2 Leave taken in Hours 4.00
Monthly Wage $14,000.00
Wage Adjusted by Leave $225.81
Leave Amount Paid $346.77
Package Allowences
Total allowances $7,500.00
$0.00
$0.00
Non-Package Allowence
CAR
MID YEAR PAY HISTORY
Mid-Year Pay History


EMPLOYEE LEAVES
Save Exit
Selection Criteria
* Company ALEC ALEC UAE Company
* Employee ALC-ENG108 ARAZ PIROOZ
* Year 2021
Refresh
Leave Setup
Query Setup
View Freeze Detach Search Workflows Report Options Export ECM Documents User Extensions
Code Hours C. Fwrd Hours Accrued Hours C. Frwd Expired Hours Used Hours Lost C. Frwd Expire Date C.Frwd Amount Accrued Amount Accrued Amount Paid Elig. Hours Elig. Days Hours Remain
ANLE 0.00 100.00 0.00 0.00 0.00 0.00 5,833.35 0.00 240.00 30.00 100.00
JLEV 0.00 100.00 0.00 4.00 0.00 0.00 5,833.34 225.81 240.00 30.00 96.00
PTA 0.00 0.00 0.00 0.00 0.00 0.00 240.00 30.00 240.00
SICA 0.00 0.00 0.00 0.00 0.00 0.00 240.00 30.00 240.00
VAA 0.00 100.00 0.00 0.00 0.00 0.00 4,704.31 0.00 240.00 30.00 100.00
YLVE 0.00 100.00 0.00 0.00 0.00 0.00 5,833.35 0.00 240.00 30.00 100.00
Desc JOB LEAVE-ALEC
Leave Detail


EMPLOYEE LEAVES
Save
Leave Detail
View
Freeze
Detach
Search
Workflows
Report Options
Export
ECM Documents
User Extensions
Year | Per. | Credit A/C | Dept | Debit A/C | Hours | Amount | Amount Paid | Total Earnings | Total Hours | Job | Cost Code | Category | Work Location | Trade
2021 | 1 | 6000.400 | 00 | 5200.100 | 11.61 | 677.42 | 0 | 14000 | 240 | ALEC01 | 01-100 | 1000 | DUBAI | ENG
2021 | 1 | 6000.400 | 00 | 5200.100 | 8.39 | 489.25 | 0 | 14000 | 240 | ALEC02 | 01-100 | 2000 | DUBAI | ENG
2021 | 2 | 6000.400 | 00 | 5200.100 | 12.86 | 750 | 0 | 14000 | 240 | ALEC01 | 01-100 | 1000 | DUBAI | ENG
2021 | 2 | 6000.400 | 00 | 5200.100 | 7.14 | 416.67 | 0 | 14000 | 240 | ALEC02 | 01-100 | 2000 | DUBAI | ENG
2021 | 3 | 6000.400 | 00 | 5200.100 | 11.61 | 677.42 | 0 | 14000 | 240 | ALEC01 | 01-100 | 1000 | DUBAI | ENG
2021 | 3 | 6000.400 | 00 | 5200.100 | 8.39 | 489.25 | 0 | 14000 | 240 | ALEC02 | 01-100 | 2000 | DUBAI | ENG
2021 | 4 | 6000.400 | 00 | 5200.100 | 12 | 700 | 0 | 14000 | 240 | ALEC01 | 01-100 | 1000 | DUBAI | ENG
2021 | 4 | 6000.400 | 00 | 5200.100 | 8 | 466.67 | 0 | 14000 | 240 | ALEC02 | 01-100 | 2000 | DUBAI | ENG
2021 | 5 | 6000.300 | 00 | 6000.400 | -4 | -225.81 | 225.81 | | | | | | DUBAI | ENG
2021 | 5 | 6000.400 | 00 | 5200.100 | 7.74 | 451.61 | 0 | 14000 | 240 | ALEC01 | 01-100 | 2000 | DUBAI | ENG
2021 | 5 | 6000.400 | 00 | 5200.100 | 11.61 | 677.42 | 0 | 14000 | 240 | ALEC01 | 01-100 | 1000 | DUBAI | ENG
2021 | 5 | 6000.400 | 00 | 6000.300 | 0.65 | 37.63 | 0 | 14000 | 240 | | | | DUBAI | ENG
96 | 5,607.53 | 225.81 | 154,000 | 2,640
Close


EMPLOYEE LEAVES
Save
Leave Detail
View
Freeze
Detach
Search
Workflows
Report Options
Export
ECM Documents
User Extensions
Debit A/C | Hours | Amount | Amount Paid | Total Earnings | Total Hours | Job | Cost Code | Category | Work Location | Trade | Type | Date | Leave Calc. Start Date
5200.100 | 11.61 | 677.42 | 0 | 14000 | 240 | ALEC01 | 01-100 | 1000 | DUBAI | ENG | A | 31/01/2021
5200.100 | 8.39 | 489.25 | 0 | 14000 | 240 | ALEC02 | 01-100 | 2000 | DUBAI | ENG | A | 31/01/2021
5200.100 | 12.86 | 750 | 0 | 14000 | 240 | ALEC01 | 01-100 | 1000 | DUBAI | ENG | A | 28/02/2021
5200.100 | 7.14 | 416.67 | 0 | 14000 | 240 | ALEC02 | 01-100 | 2000 | DUBAI | ENG | A | 28/02/2021
5200.100 | 11.61 | 677.42 | 0 | 14000 | 240 | ALEC01 | 01-100 | 1000 | DUBAI | ENG | A | 31/03/2021
5200.100 | 8.39 | 489.25 | 0 | 14000 | 240 | ALEC02 | 01-100 | 2000 | DUBAI | ENG | A | 31/03/2021
5200.100 | 12 | 700 | 0 | 14000 | 240 | ALEC01 | 01-100 | 1000 | DUBAI | ENG | A | 30/04/2021
5200.100 | 8 | 466.67 | 0 | 14000 | 240 | ALEC02 | 01-100 | 2000 | DUBAI | ENG | A | 30/04/2021
6000.400 | -4 | -225.81 | 225.81 | | | | | | DUBAI | ENG | U | 31/05/2021
5200.100 | 7.74 | 451.61 | 0 | 14000 | 240 | ALEC01 | 01-100 | 2000 | DUBAI | ENG | A | 31/05/2021
5200.100 | 11.61 | 677.42 | 0 | 14000 | 240 | ALEC01 | 01-100 | 1000 | DUBAI | ENG | A | 31/05/2021
6000.300 | 0.65 | 37.63 | 0 | 14000 | 240 | | | | DUBAI | ENG | A | 31/05/2021
96 | 5,607.53 | 225.81 | 154,000 | 2,640
Close

EMPLOYEE NAME	SOCIAL INSURANCE NUMBER	UNION	Trade	CONTRACT NO	PERIOD END DATE
ARAZ PIROOZ	xxx-xx-		ENG	ALEC01	31/05/2021

TAXABLE EARNINGS AND BENEFITS

DESCRIPTION	RATE	HOURS	AMOUNT	TO - DATE
Regular Hours	58.33	-4	-225.81	-225.81
Regular Hours	0.00	0	0.00	0.00
Regular Hours	58.33	0	0.00	14,000.00
Regular Hours	62.50	0	0.00	14,000.00
Regular Hours	56.45	248	14,000.00	42,000.00
TOTAL		244	13,774.19	69,774.19
JOB LEAVE		0	120.96	120.96
JOB LEAVE	56.45	4	225.81	225.81
VEHICLE		0	0.00	4,000.00
FOOD		0	590.32	2,990.32
GENERAL		0	2,951.61	14,951.61
HOUSING		0	1,475.81	7,475.81
SCHOOL		0	1,180.65	5,980.65
TRANSPORT		0	1,180.65	5,980.65
TOTAL OTHER EARNINGS		4	7,725.81	41,725.81

Leave Code	C Frwd	Accrued	Used	Balance
JOB LEAVE	0.00	100.00	4.00	96.00
ANNUAL LEAVE	0.00	100.00	0.00	100.00

DESCRIPTION	AMOUNT	TO - DATE
TOTAL		

TAXES & DEDUCTIONS

DESCRIPTION	AMOUNT	TO - DATE
TOTAL		
TOTAL TAXES & DEDUCTIONS	0.00	0.00

CHECK DATE	CHECK NO.
31/05/2021	47

TOTAL EARNINGS	13,774.19		NON TAX TOTAL	0.00	CHECK AMOUNT
TOTAL YEAR TO DATE		69,774.19	CO. PD. BENEFITS		21,500.00

Employee ID	Date	Check No.
ALC-ENG108	31-MAY-2021	47

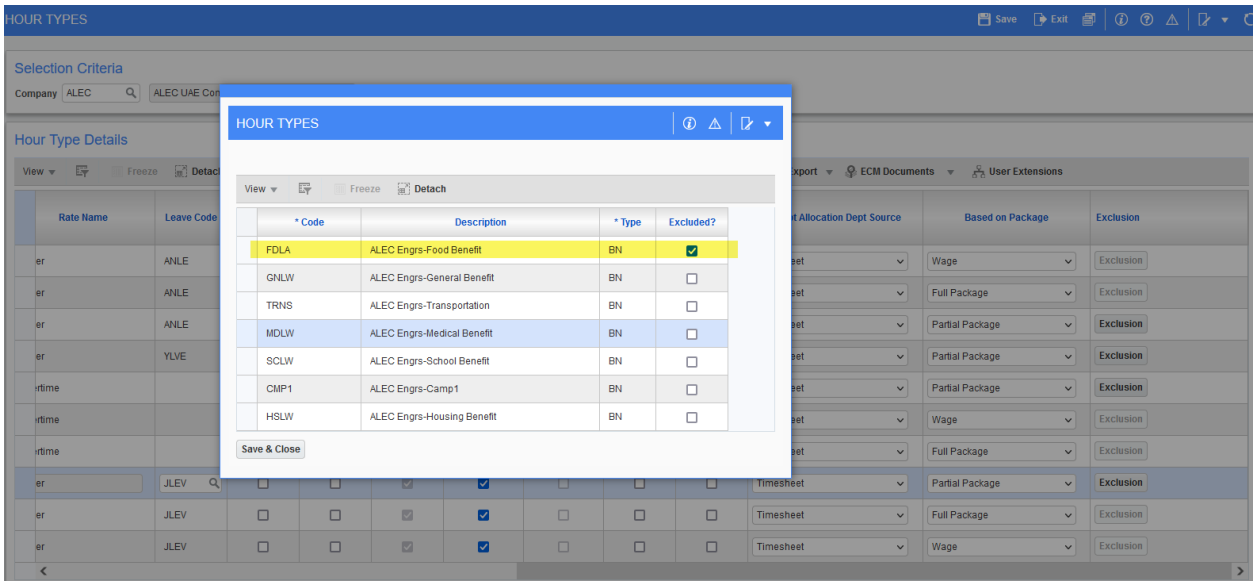
Pay : TWENTY-ONE THOUSAND FIVE HUNDRED DOLLARS 00/100 ***21,500.00

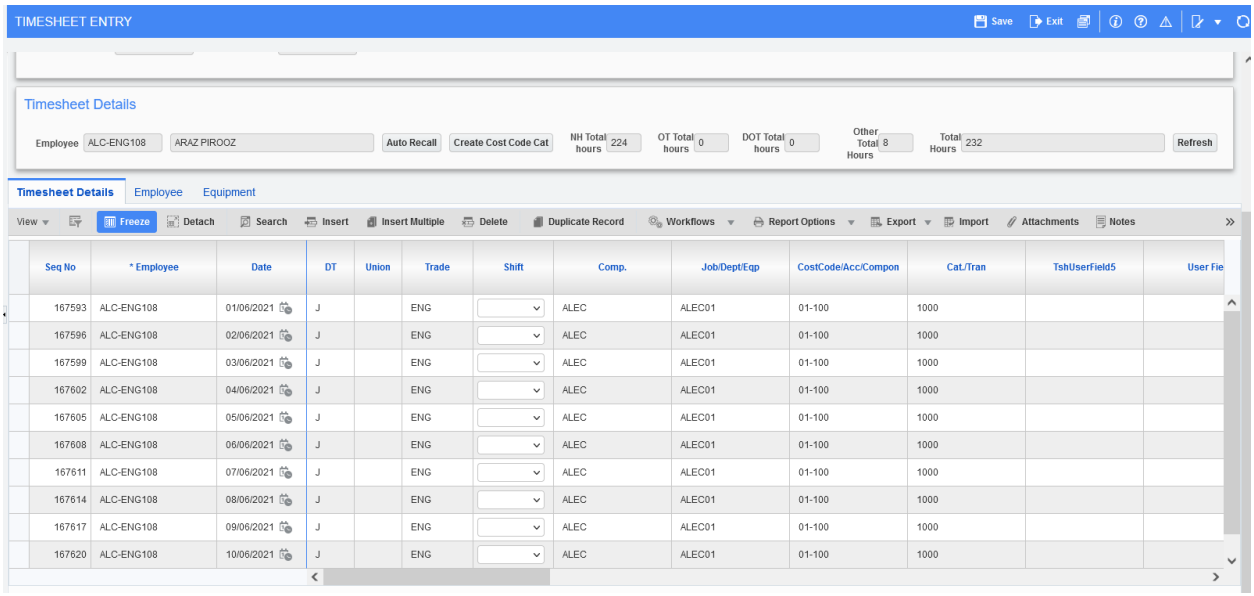
TO THE ORDER OF PIROOZ, ARAZ

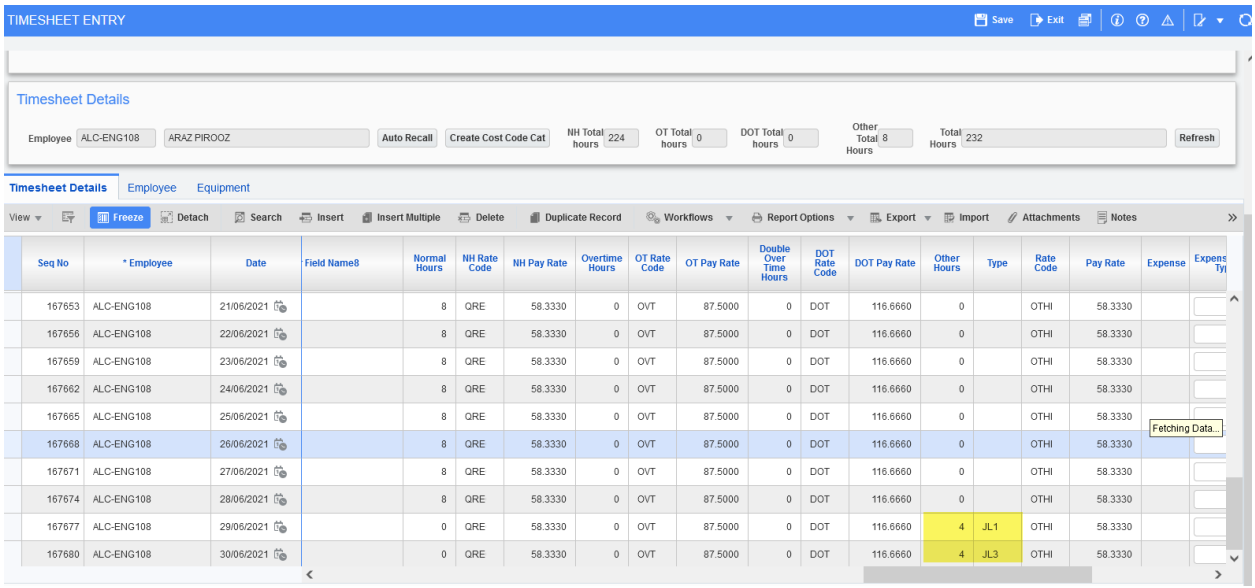
DBAI 10022

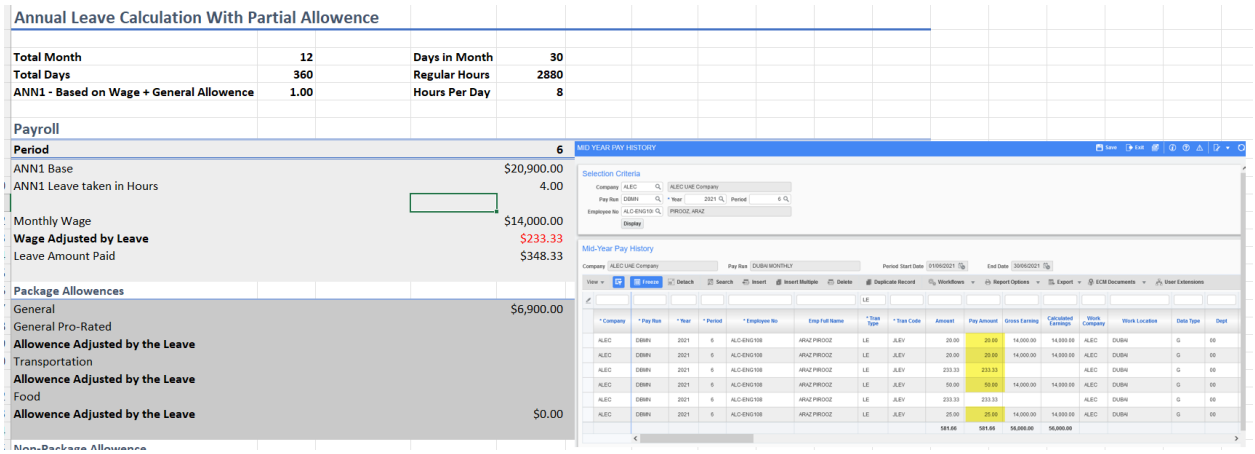
TESTCASE #3: G Lines for JL1 (Partial leave package) and JL3 (Base wage)

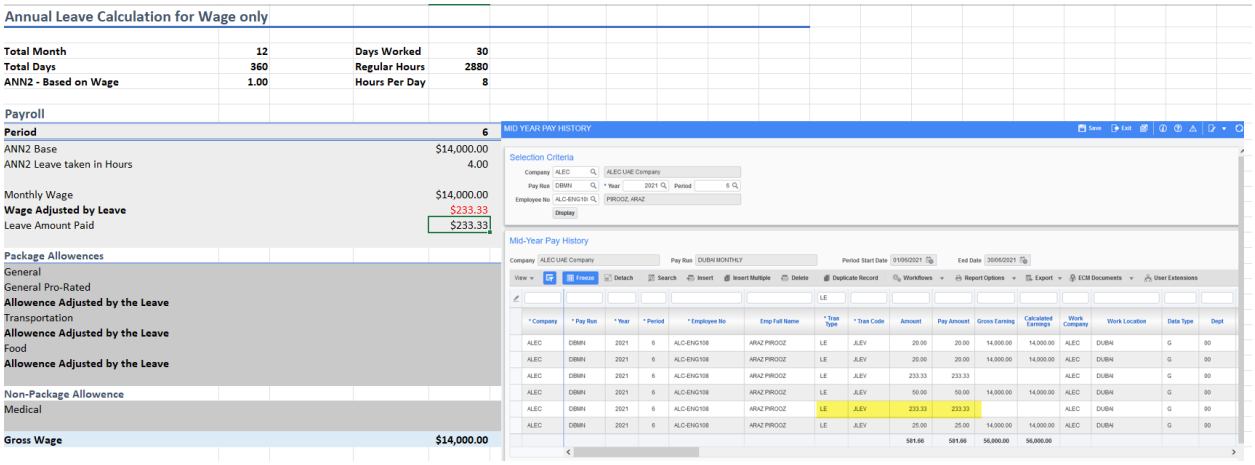
JL1 EXCLUDES FOOD:

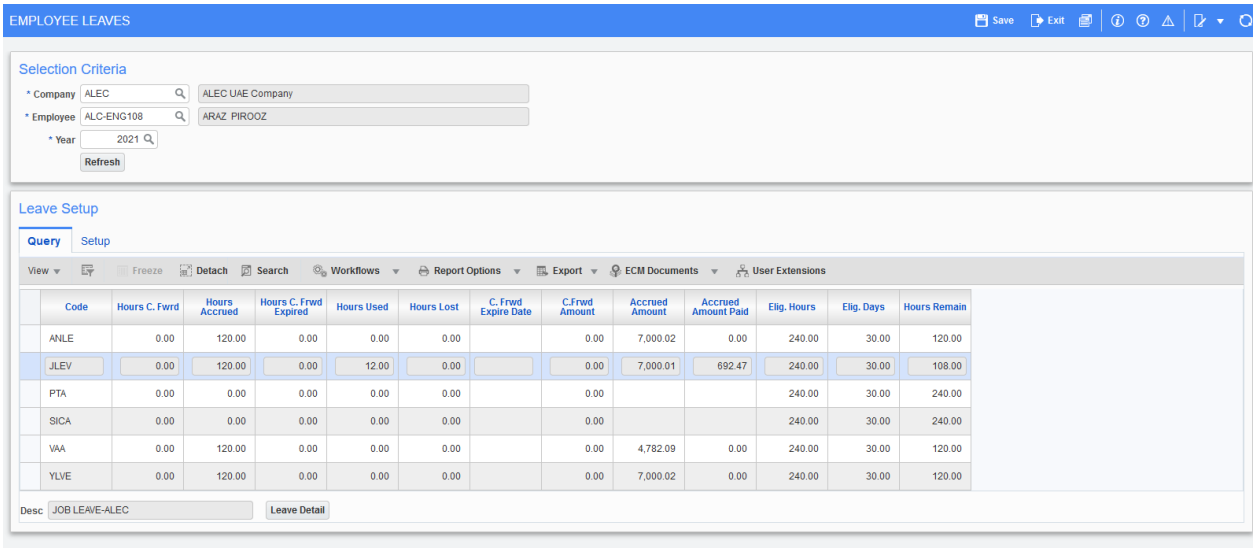

HOUR TYPES
Save
Exit
Selection Criteria
Company
ALEC
Hour Type Details
View
Freeze
Detach
ECM Documents
User Extensions
Rate Name
Leave Code
Based on Package
Exclusion
HOUR TYPES
View
Freeze
Detach
* Code
Description
* Type
Excluded?
FDLA
ALEC Engrs-Food Benefit
BN
GNLW
ALEC Engrs-General Benefit
BN
TRNS
ALEC Engrs-Transportation
BN
MDLW
ALEC Engrs-Medical Benefit
BN
SCLW
ALEC Engrs-School Benefit
BN
CMP1
ALEC Engrs-Camp1
BN
HSLW
ALEC Engrs-Housing Benefit
BN
Save & Close

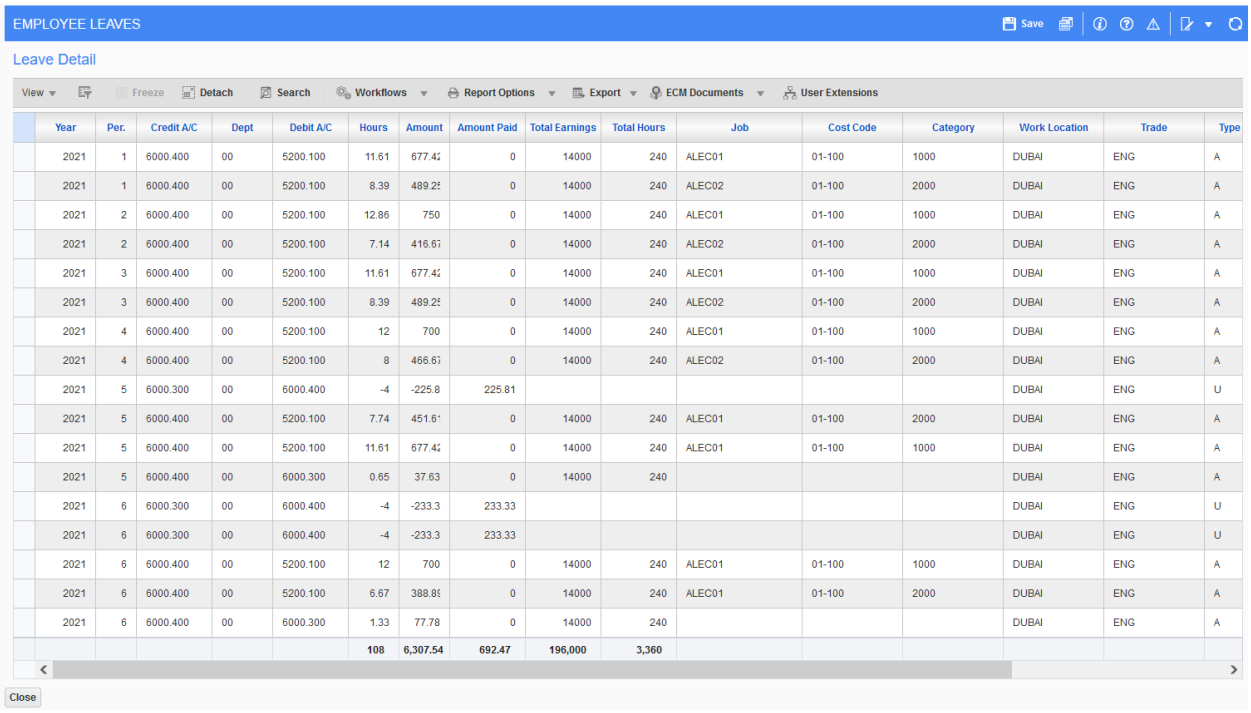

TIMESHEET ENTRY
Save
Exit
Timesheet Details
Employee
ALC-ENG108
ARAZ PIROOZ
Auto Recall
Create Cost Code Cat
NH Total hours
224
OT Total hours
0
DOT Total hours
0
Other Total Hours
8
Total Hours
232
Refresh
Timesheet Details
Employee
Equipment
View
Freeze
Detach
Search
Insert
Insert Multiple
Delete
Duplicate Record
Workflows
Report Options
Export
Import
Attachments
Notes
Seq No
* Employee
Date
DT
Union
Trade
Shift
Comp.
Job/Dept/Eqp
CostCode/Acc/Compon
Cat./Tran
TshUserField5
User Fie
167593 ALC-ENG108 01/06/2021 J ENG ALEC ALEC01 01-100 1000
167596 ALC-ENG108 02/06/2021 J ENG ALEC ALEC01 01-100 1000
167599 ALC-ENG108 03/06/2021 J ENG ALEC ALEC01 01-100 1000
167602 ALC-ENG108 04/06/2021 J ENG ALEC ALEC01 01-100 1000
167605 ALC-ENG108 05/06/2021 J ENG ALEC ALEC01 01-100 1000
167608 ALC-ENG108 06/06/2021 J ENG ALEC ALEC01 01-100 1000
167611 ALC-ENG108 07/06/2021 J ENG ALEC ALEC01 01-100 1000
167614 ALC-ENG108 08/06/2021 J ENG ALEC ALEC01 01-100 1000
167617 ALC-ENG108 09/06/2021 J ENG ALEC ALEC01 01-100 1000
167620 ALC-ENG108 10/06/2021 J ENG ALEC ALEC01 01-100 1000


TIMESHEET ENTRY
Save
Exit
Timesheet Details
Employee ALC-ENG108 ARAZ PIROOZ
Auto Recall
Create Cost Code Cat
NH Total hours 224
OT Total hours 0
DOT Total hours 0
Other Total Hours 8
Total Hours 232
Refresh
Timesheet Details
Employee
Equipment
View
Freeze
Detach
Search
Insert
Insert Multiple
Delete
Duplicate Record
Workflows
Report Options
Export
Import
Attachments
Notes
Seq No
* Employee
Date
Field Name8
Normal Hours
NH Rate Code
NH Pay Rate
Overtime Hours
OT Rate Code
OT Pay Rate
Double Over Time Hours
DOT Rate Code
DOT Pay Rate
Other Hours
Type
Rate Code
Pay Rate
Expense
Expens Ty
167653 ALC-ENG108 21/06/2021 8 QRE 58.3330 0 OVT 87.5000 0 DOT 116.6660 0 OTHI 58.3330
167656 ALC-ENG108 22/06/2021 8 QRE 58.3330 0 OVT 87.5000 0 DOT 116.6660 0 OTHI 58.3330
167659 ALC-ENG108 23/06/2021 8 QRE 58.3330 0 OVT 87.5000 0 DOT 116.6660 0 OTHI 58.3330
167662 ALC-ENG108 24/06/2021 8 QRE 58.3330 0 OVT 87.5000 0 DOT 116.6660 0 OTHI 58.3330
167665 ALC-ENG108 25/06/2021 8 QRE 58.3330 0 OVT 87.5000 0 DOT 116.6660 0 OTHI 58.3330
167668 ALC-ENG108 26/06/2021 8 QRE 58.3330 0 OVT 87.5000 0 DOT 116.6660 0 OTHI 58.3330
167671 ALC-ENG108 27/06/2021 8 QRE 58.3330 0 OVT 87.5000 0 DOT 116.6660 0 OTHI 58.3330
167674 ALC-ENG108 28/06/2021 8 QRE 58.3330 0 OVT 87.5000 0 DOT 116.6660 0 OTHI 58.3330
167677 ALC-ENG108 29/06/2021 0 QRE 58.3330 0 OVT 87.5000 0 DOT 116.6660 4 JL1 OTHI 58.3330
167680 ALC-ENG108 30/06/2021 0 QRE 58.3330 0 OVT 87.5000 0 DOT 116.6660 4 JL3 OTHI 58.3330
Fetching Data...


Annual Leave Calculation With Partial Allowence
Total Month 12
Total Days 360
ANN1 - Based on Wage + General Allowence 1.00
Days in Month 30
Regular Hours 2880
Hours Per Day 8
Payroll
Period 6
ANN1 Base $20,900.00
ANN1 Leave taken in Hours 4.00
Monthly Wage $14,000.00
Wage Adjusted by Leave $233.33
Leave Amount Paid $348.33
Package Allowences
General $6,900.00
General Pro-Rated
Allowence Adjusted by the Leave
Transportation
Allowence Adjusted by the Leave
Food
Allowence Adjusted by the Leave $0.00
MID YEAR PAY HISTORY
Selection Criteria
Mid-Year Pay History


Annual Leave Calculation for Wage only
Total Month 12
Total Days 360
ANN2 - Based on Wage 1.00
Days Worked 30
Regular Hours 2880
Hours Per Day 8
Payroll
Period 6
ANN2 Base $14,000.00
ANN2 Leave taken in Hours 4.00
Monthly Wage $14,000.00
Wage Adjusted by Leave $233.33
Leave Amount Paid $233.33
Package Allowences
General
General Pro-Rated
Allowence Adjusted by the Leave
Transportation
Allowence Adjusted by the Leave
Food
Allowence Adjusted by the Leave
Non-Package Allowence
Medical
Gross Wage $14,000.00
MID YEAR PAY HISTORY
Selection Criteria
Mid-Year Pay History


EMPLOYEE LEAVES
Save
Exit
Selection Criteria
* Company
ALEC
ALEC UAE Company
* Employee
ALC-ENG108
ARAZ PIROOZ
* Year
2021
Refresh
Leave Setup
Query
Setup
View
Freeze
Detach
Search
Workflows
Report Options
Export
ECM Documents
User Extensions
Code
Hours C. Fwrd
Hours Accrued
Hours C. Frwd Expired
Hours Used
Hours Lost
C. Frwd Expire Date
C.Frwd Amount
Accrued Amount
Accrued Amount Paid
Elig. Hours
Elig. Days
Hours Remain
ANLE 0.00 120.00 0.00 0.00 0.00 0.00 7,000.02 0.00 240.00 30.00 120.00
JLEV 0.00 120.00 0.00 12.00 0.00 0.00 7,000.01 692.47 240.00 30.00 108.00
PTA 0.00 0.00 0.00 0.00 0.00 0.00 240.00 30.00 240.00
SICA 0.00 0.00 0.00 0.00 0.00 0.00 240.00 30.00 240.00
VAA 0.00 120.00 0.00 0.00 0.00 0.00 4,782.09 0.00 240.00 30.00 120.00
YLVE 0.00 120.00 0.00 0.00 0.00 0.00 7,000.02 0.00 240.00 30.00 120.00
Desc
JOB LEAVE-ALEC
Leave Detail


EMPLOYEE LEAVES
Save
Leave Detail
View
Freeze
Detach
Search
Workflows
Report Options
Export
ECM Documents
User Extensions
Year Per. Credit A/C Dept Debit A/C Hours Amount Amount Paid Total Earnings Total Hours Job Cost Code Category Work Location Trade Type
2021 1 6000.400 00 5200.100 11.61 677.42 0 14000 240 ALEC01 01-100 1000 DUBAI ENG A
2021 1 6000.400 00 5200.100 8.39 489.25 0 14000 240 ALEC02 01-100 2000 DUBAI ENG A
2021 2 6000.400 00 5200.100 12.86 750 0 14000 240 ALEC01 01-100 1000 DUBAI ENG A
2021 2 6000.400 00 5200.100 7.14 416.67 0 14000 240 ALEC02 01-100 2000 DUBAI ENG A
2021 3 6000.400 00 5200.100 11.61 677.42 0 14000 240 ALEC01 01-100 1000 DUBAI ENG A
2021 3 6000.400 00 5200.100 8.39 489.25 0 14000 240 ALEC02 01-100 2000 DUBAI ENG A
2021 4 6000.400 00 5200.100 12 700 0 14000 240 ALEC01 01-100 1000 DUBAI ENG A
2021 4 6000.400 00 5200.100 8 466.67 0 14000 240 ALEC02 01-100 2000 DUBAI ENG A
2021 5 6000.300 00 6000.400 -4 -225.8 225.81 DUBAI ENG U
2021 5 6000.400 00 5200.100 7.74 451.67 0 14000 240 ALEC01 01-100 2000 DUBAI ENG A
2021 5 6000.400 00 5200.100 11.61 677.42 0 14000 240 ALEC01 01-100 1000 DUBAI ENG A
2021 5 6000.400 00 6000.300 0.65 37.63 0 14000 240 DUBAI ENG A
2021 6 6000.300 00 6000.400 -4 -233.3 233.33 DUBAI ENG U
2021 6 6000.300 00 6000.400 -4 -233.3 233.33 DUBAI ENG U
2021 6 6000.400 00 5200.100 12 700 0 14000 240 ALEC01 01-100 1000 DUBAI ENG A
2021 6 6000.400 00 5200.100 6.67 388.8 0 14000 240 ALEC01 01-100 2000 DUBAI ENG A
2021 6 6000.400 00 6000.300 1.33 77.78 0 14000 240 DUBAI ENG A
108 6,307.54 692.47 196,000 3,360
Close

EMPLOYEE NAME	SOCIAL INSURANCE NUMBER	UNION	Trade	CONTRACT NO	PERIOD END DATE
ARAZ PIROOZ	xxx-xx-		ENG	ALEC01	30/06/2021

TAXABLE EARNINGS AND BENEFITS

DESCRIPTION	RATE	HOURS	AMOUNT	TO - DATE
Regular Hours	58.33	-8	-466.66	-692.47
Regular Hours	0.00	0	0.00	0.00
Regular Hours	56.45	0	0.00	42,000.00
Regular Hours	62.50	0	0.00	14,000.00
Regular Hours	58.33	240	14,000.00	28,000.00
TOTAL		232	13,533.34	83,307.53
JOB LEAVE	56.45	0	0.00	225.81
JOB LEAVE		0	115.00	235.96
JOB LEAVE	58.33	8	466.66	466.66
VEHICLE		0	0.00	4,000.00
FOOD		0	590.00	3,580.32
GENERAL		0	2,950.00	17,901.61
HOUSING		0	1,475.00	8,950.81
SCHOOL		0	1,180.00	7,160.65
TRANSPORT		0	1,180.00	7,160.65
TOTAL OTHER EARNINGS		8	7,956.66	49,682.47

Leave Code	C Frwd.	Accrued	Used	Balance
JOB LEAVE	0.00	120.00	12.00	108.00
ANNUAL LEAVE	0.00	120.00	0.00	120.00

TAXES & DEDUCTIONS

DESCRIPTION	AMOUNT	TO - DATE
TOTAL		

TOTAL TAXES & DEDUCTIONS	0.00	0.00

CHECK DATE	CHECK NO.
30/06/2021	48

TOTAL EARNINGS			13,533.34		NON TAX TOTAL	0.00		CHECK AMOUNT		
TOTAL YEAR TO DATE				83,307.53	CO. PD. BENEFITS			21,490.00		

Employee ID	Date	Check No.
ALC-ENG108	30-JUN-2021	48

Pay : **TWENTY-ONE THOUSAND FOUR HUNDRED NINETY DOLLARS 00/100** *****21,490.00**

TO THE ORDER OF PIROOZ, ARAZ

DBAI 10022

Preventative Maintenance

Ability to Import Quick Inventory Issue to Equipment for Multiple Warehouse (19.89834)

Ability to import quick inventory issue to equipment for multiple warehouse.

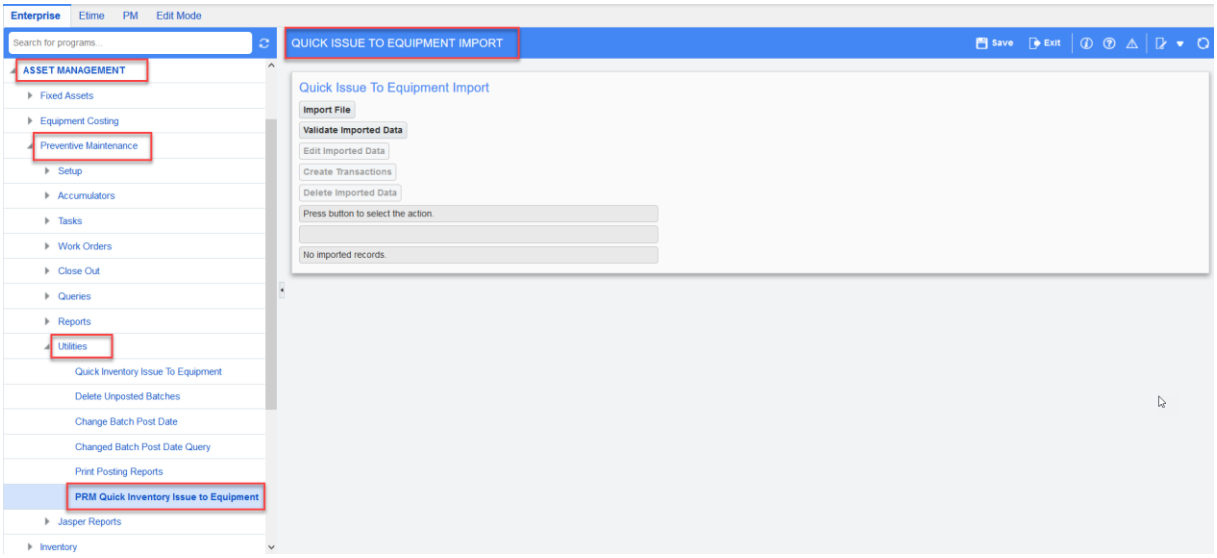
Modifications

- Program added to Asset Management > Preventive Measure > Utilities > PRM Quick Inventory Issue to Equipment
- Inventory from multiple warehouse can be issue to equipment.

Control File Format

Column Name	Screen Prompt	Description	Required	Type	Length
C_01	Comp	Inventory company issuing the item. This must be a valid CMiC company code.	Yes	Char	8
C_02	Item Class Code	Item class code issued. This must be a valid item class code for the inventory company.	Yes	Char	
C_03	Item Code	Item code issued. This must be a valid item for the inventory company.	Yes	Char	16
C_04	Item Type	Valid item type code. This must be a valid type for the item/company.	Yes	Char	2
C_05	Location of Issue	Location issued from. This must be a valid warehouse/bin location with enough stock on hand of the item.	Yes	Char	7
C_06	WM Code	Weight Measure Code	Yes		
C_07	Transaction Date	Actual date of the issue in the format of MM/DD/YYYY.	Yes	Date	
C_08	Equipment Code	Valid equipment code to which inventory is issued.	Yes		
C_09	Transaction Quantity	Quantity issued in WM code previously declared.	Yes	Num	16,8

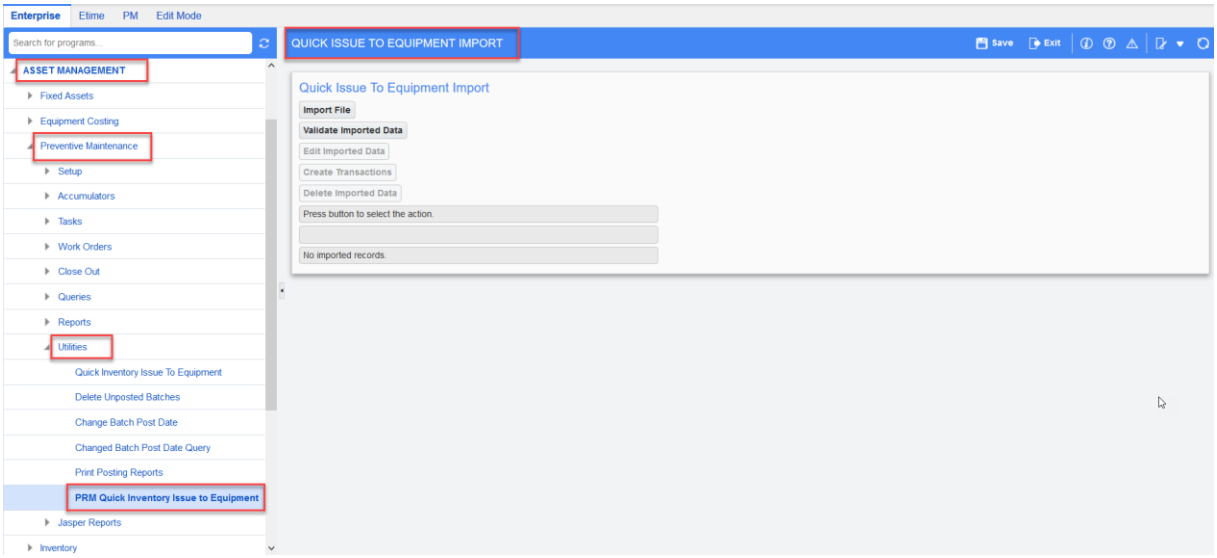
The following screen shows the modifications.



Asset Management > Preventive Maintenance > Utilities > PRM Quick Issue Inventory to Equipment

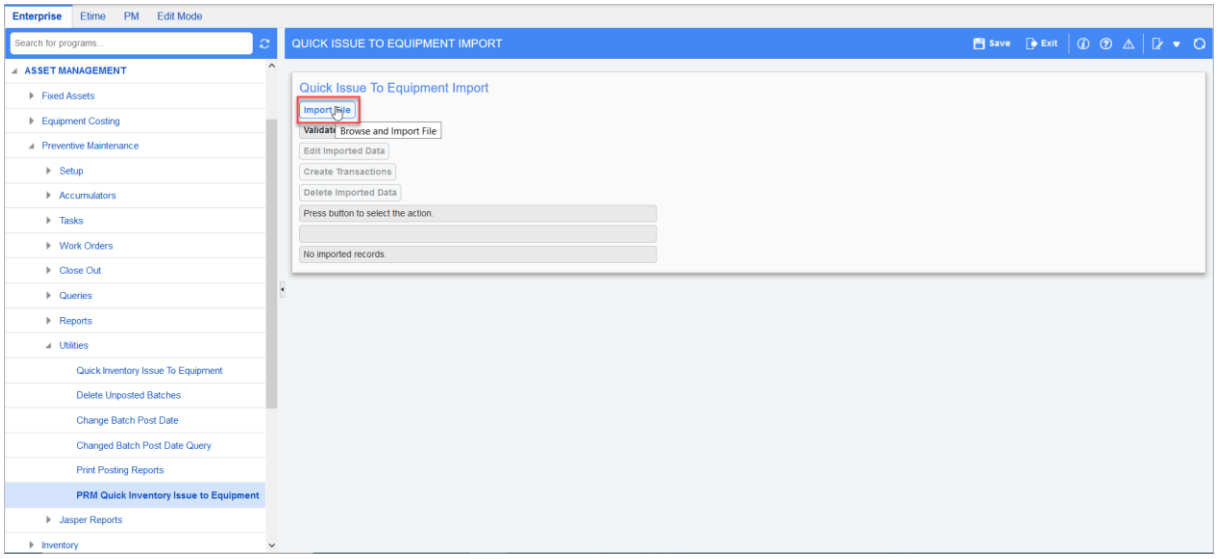
Example

- Added program in Asset Management > Preventive Maintenance > Utilities > PRM Quick Inventory Issue to Equipment



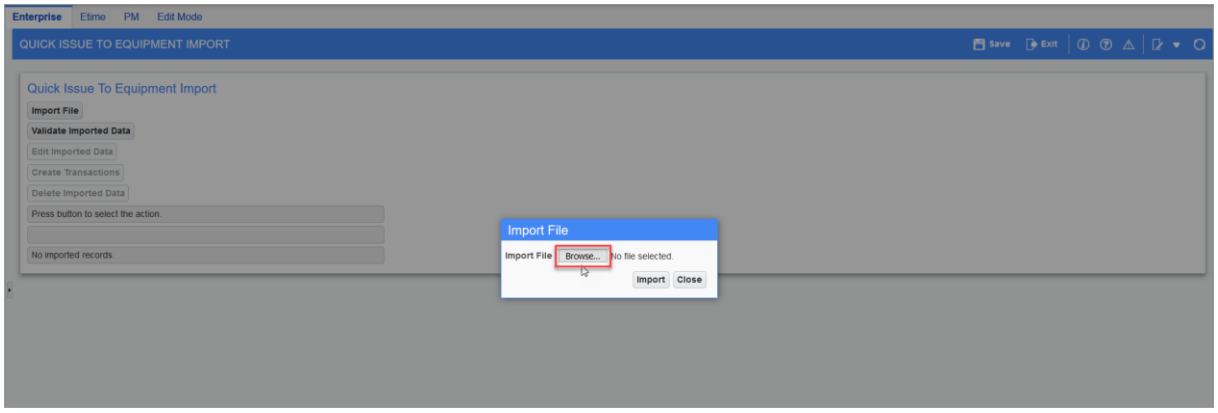
Asset Management > Preventive Maintenance > Utilities > PRM Quick Issue Inventory to Equipment

- Click on [**Import File**] button to import the file.



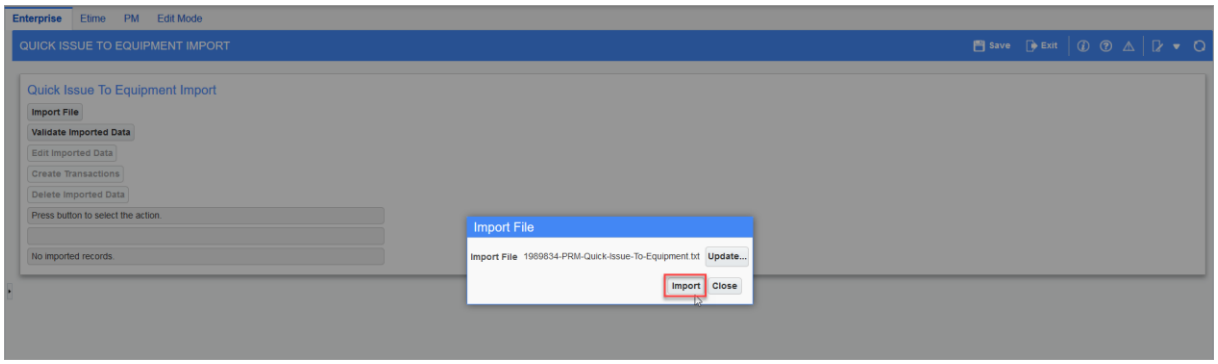
Asset Management > Preventive Maintenance > Utilities > PRM Quick Issue Inventory to Equipment

- Dialog box opens, click on browse to select the import file.



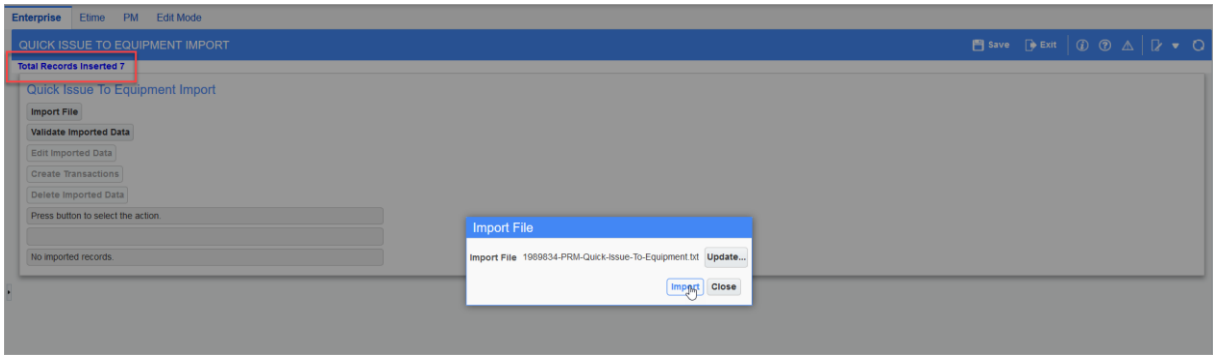
Asset Management > Preventive Maintenance > Utilities > PRM Quick Issue Inventory to Equipment

- Select the file to import and click on Open.
- Click on [**Import**] to import the selected file.



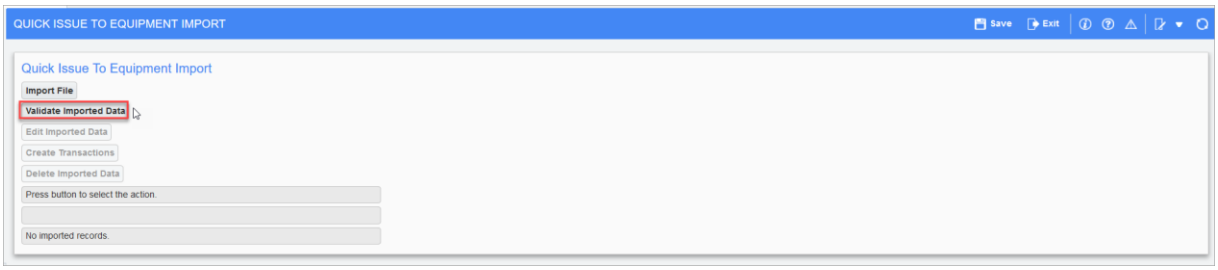
Asset Management > Preventive Maintenance > Utilities > PRM Quick Issue Inventory to Equipment

- After successfully importing file, a message is displayed with total records inserted.

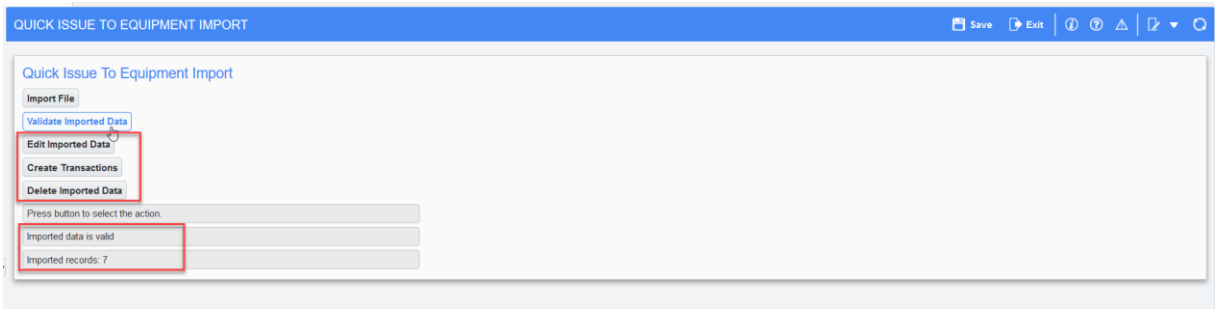


Asset Management > Preventive Maintenance > Utilities > PRM Quick Issue Inventory to Equipment

- Click on [**Close**] to close the Import File pop-up.
- After importing the file, click on [**Validate Imported Data**] to validate the records, this will enable the rest of the buttons on screen.



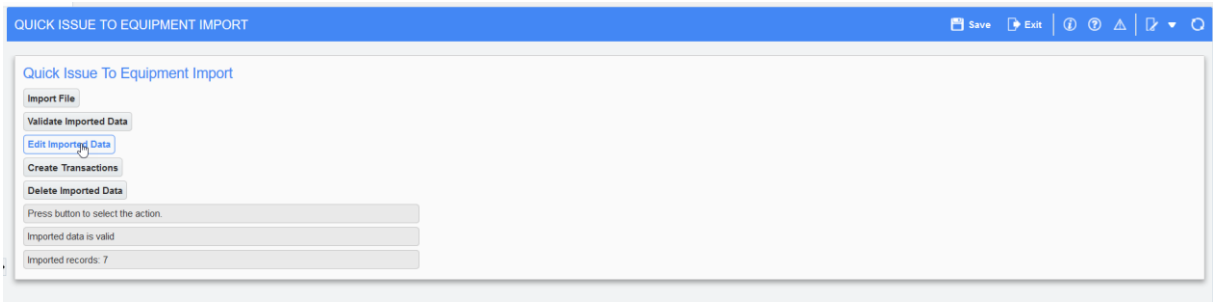
Asset Management > Preventive Maintenance > Utilities > PRM Quick Issue Inventory to Equipment



Asset Management > Preventive Maintenance > Utilities > PRM Quick Issue Inventory to Equipment

Message box displays the number of imported records, and the imported data is valid or invalid.

- Click on [**Edit Imported Data**] to edit the data and verify errors.



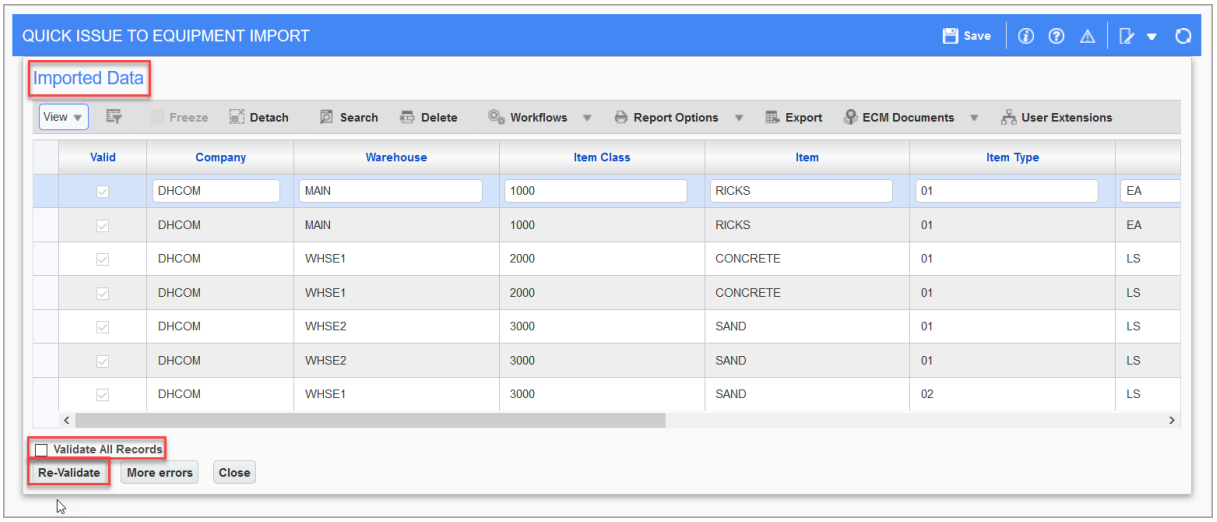
Asset Management > Preventive Maintenance > Utilities > PRM Quick Issue Inventory to Equipment

Pop-up screen is displayed to edit the imported data.

[**Validate All Records**]: Check, if all the records need to be verified.

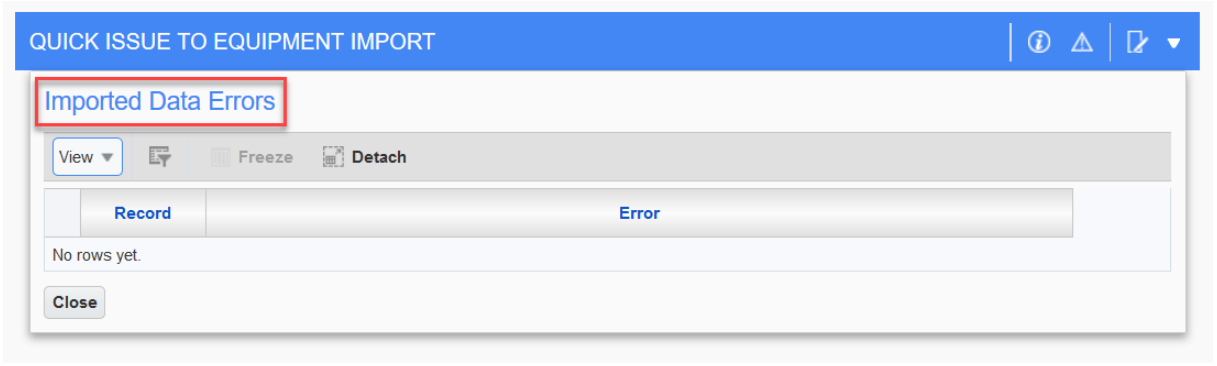
[**Re-Validate**]: Click the button to re-validate record(s).

[**Close**]: Click on close button to close the pop-up screen.



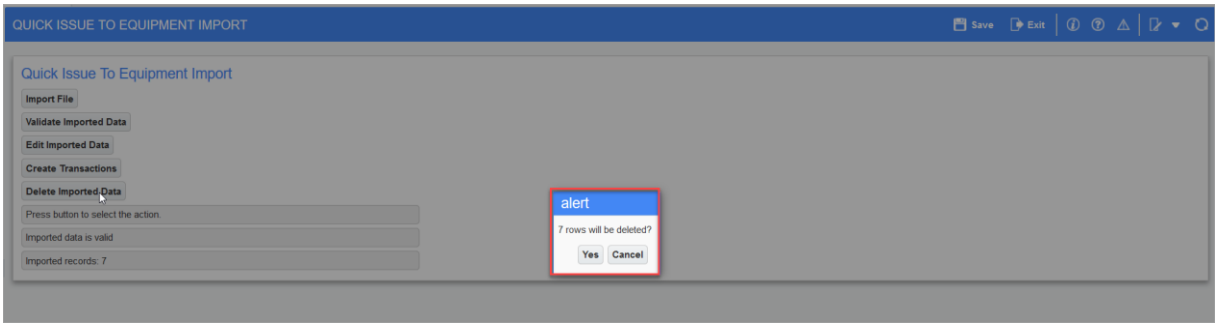
Asset Management > Preventive Maintenance > Utilities > PRM Quick Issue Inventory to Equipment

[**More Errors**]: Clicking the button opens a pop-up display showing more information on any error imported data.



Asset Management > Preventive Maintenance > Utilities > PRM Quick Issue Inventory to Equipment

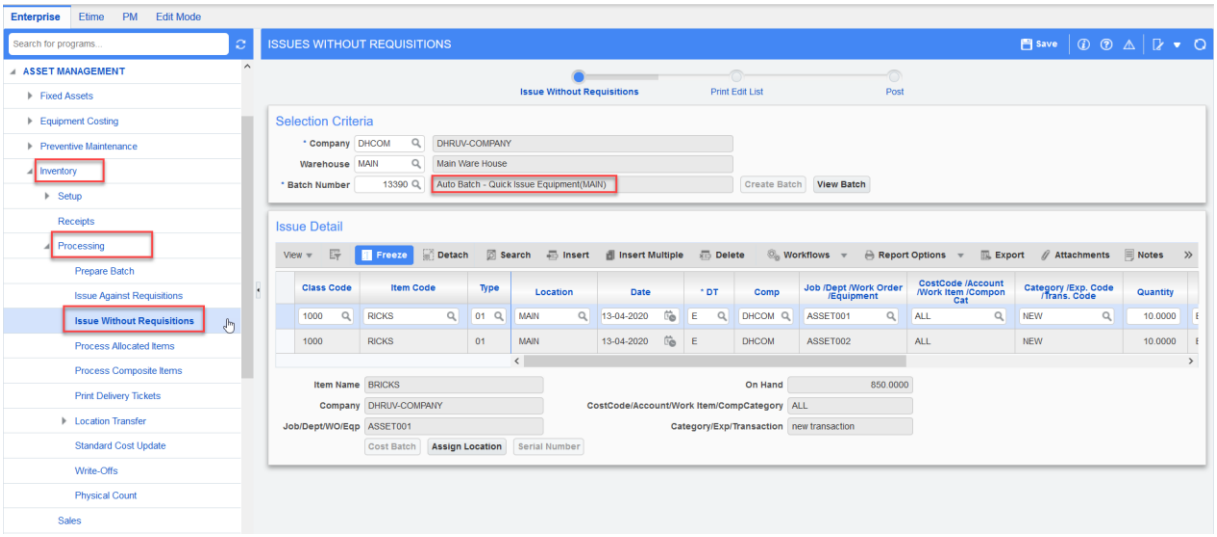
[**Delete Imported Data**]: An alert message box id displayed to confirm the deletion of records.



Asset Management > Preventive Maintenance > Utilities > PRM Quick Issue Inventory to Equipment

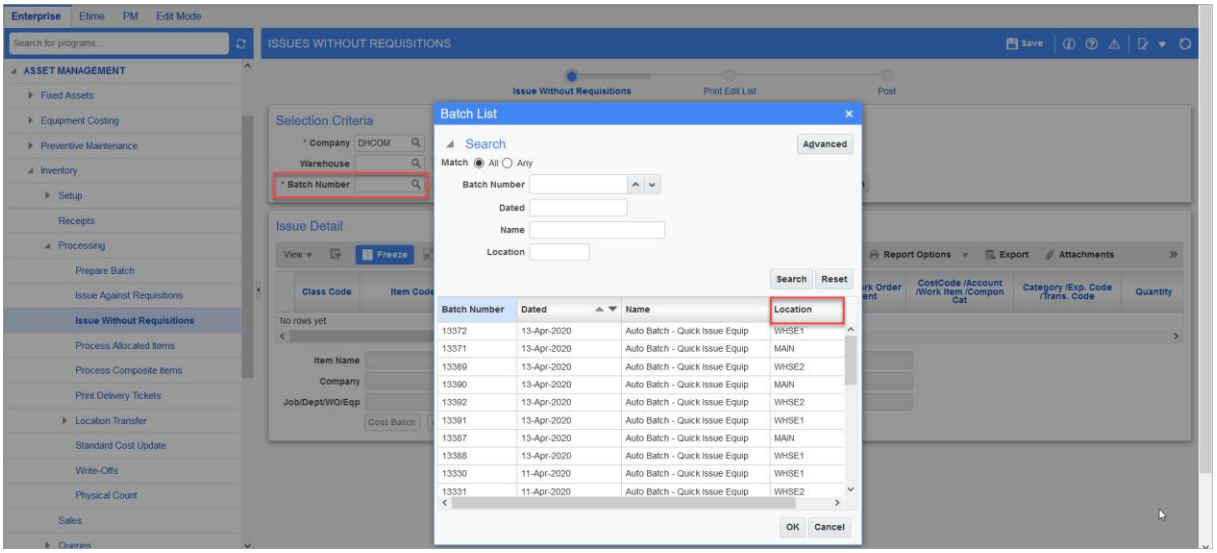
Click [**Yes**] to delete all the records and [**Cancel**] to abort the process.

- [**Create Transaction**]: Click on create transaction button to create unposted transactions for the imported data. 'Issue to Equipment creation was successful' message is displayed in the message box when unposted transactions are created.
- Unposted transactions are created in Inventory > Processing > Issue Without Requisition program.



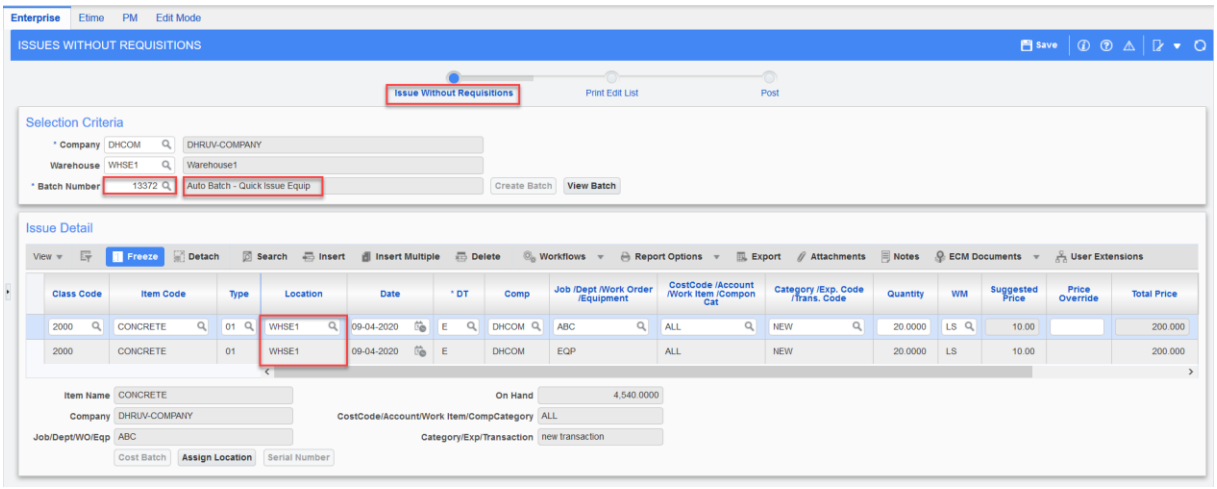
Asset Management > Inventory > Processing > Issue Without Requisition

- Unposted batches are created depending upon the warehouse locations.

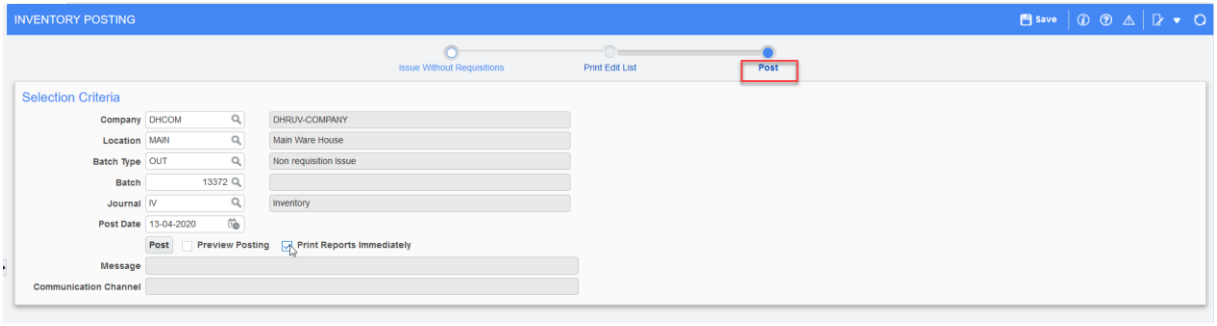


Asset Management > Inventory > Processing > Issue Without Requisition

- Records in the batch are identified depending upon the warehouse location.



Asset Management > Inventory > Processing > Issue Without Requisition



Asset Management > Inventory > Processing > Issue Without Requisition

Reports:

DHCOM - DHRUV-COMPANY

EQUIPMENT COSTING - POSTING REPORT

Page: 1 of 1
Date: Apr 13, 2020
Time: 2:11 PM EDT

Category	TranCode	Rev Type	Post Date	Ref Date	SRC	Source Code	Ref Code	UnitWM	Eqp Qty	Cost Amount	Revenue Amount
Equipment	ABC	ABC									
ALL	NEW		13-04-2020	09-04-2020	CI	CONCRETE		20.00LS		200.00	0.00
							Total for Equipment			200.00	0.00
Equipment	EQP	eqp									
ALL	NEW		13-04-2020	09-04-2020	CI	CONCRETE		20.00LS		200.00	0.00
							Total for Equipment			200.00	0.00
							Report Total			400.00	0.00

DHCOM - DHRUV-COMPANY
INVENTORY - INVENTORY POSTING REPORT

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Date: Apr 13, 2020
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Item	Name	Type	Location	Quantity	WM	Inv Amount	Tran Amount	DT	Source Code	Ref Code
Class 2000	brick									
CONCRETE	CONCRETE	01	WHSE1	-20.00	LS	-200.00	-200.00	E	DHCOM EQP	ALL
CONCRETE	CONCRETE	01	WHSE1	-20.00	LS	-200.00	-200.00	E	DHCOM ABC	ALL
				Class Total:		-400.00	-400.00			
				Report Total:		-400.00	-400.00			

DHCOM - DHRUV-COMPANY
INVENTORY - INVENTORY POSTING REPORT

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Date: Apr 13, 2020
Time: 2:11 PM EDT

Item	Name	Type	Location	Quantity	WM	Amount	DT	Comp	Department/Job/Equipment/Work Order	Account/Cost Code/Eqp Cat/Line Number	Category/Tran Code/Exp. Code
Class 2000	brick										
CONCRETE	CONCRETE	01	WHSE1	20.00	LS	200.00	E	DHCOM	EQP	ALL	NEW
CONCRETE	CONCRETE	01	WHSE1	20.00	LS	200.00	E	DHCOM	ABC	ALL	NEW
				Class Total:		400.00					
				Report Total:		400.00					

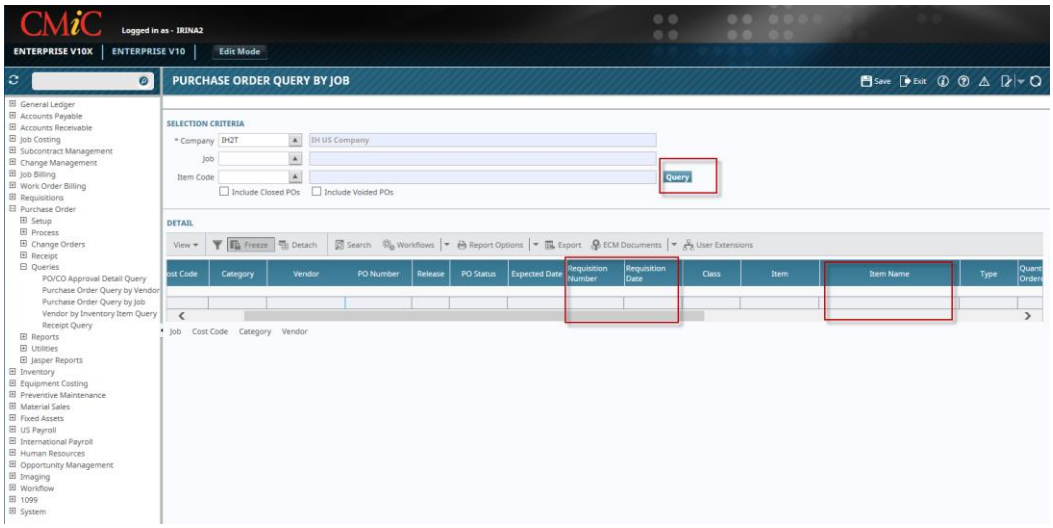
Purchase Order

Add the column “Item Description” in PO Job Query (15.13574)

CMiC has modified the PO Job Query Screen and added:

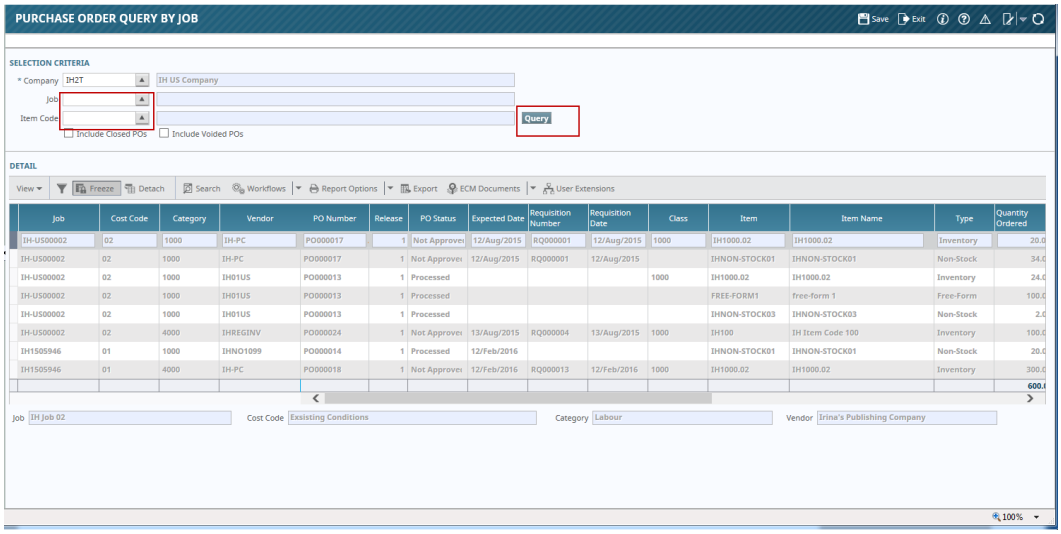
1. The button [Query] in the Selection Criteria section of the PO Query by Job;
2. Three new columns named "Item Name", “Requisition Number”', and “Requisition Date” in the Detail Block of the Purchase Order Query by Job.

These new columns will display Inventory Items, Non-Stock Items and Free Form Items entered on the Purchase Orders. All fields in the Detail section including the newly created columns will be populated upon pressing the new button Query that initiates the PO query based on the Selection Criteria.



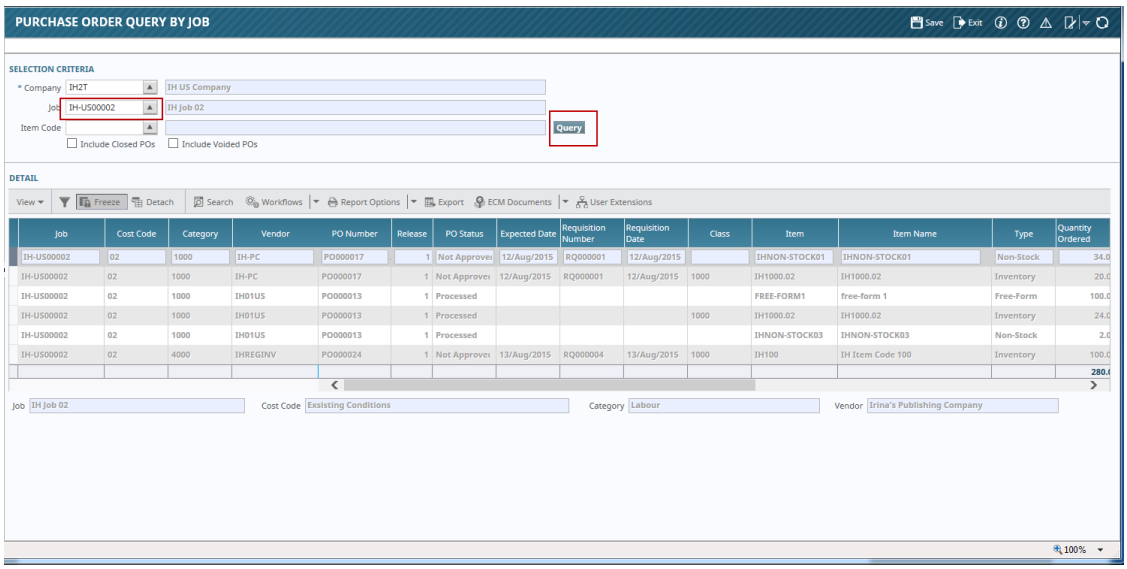
Setting and Examples:

1. In order to see all existing Purchase Orders (POs) with “J” distribution for the company the fields Job and Item Code should be left blank. The user has to press button [Query] initiate the query and to populate the Detail section:

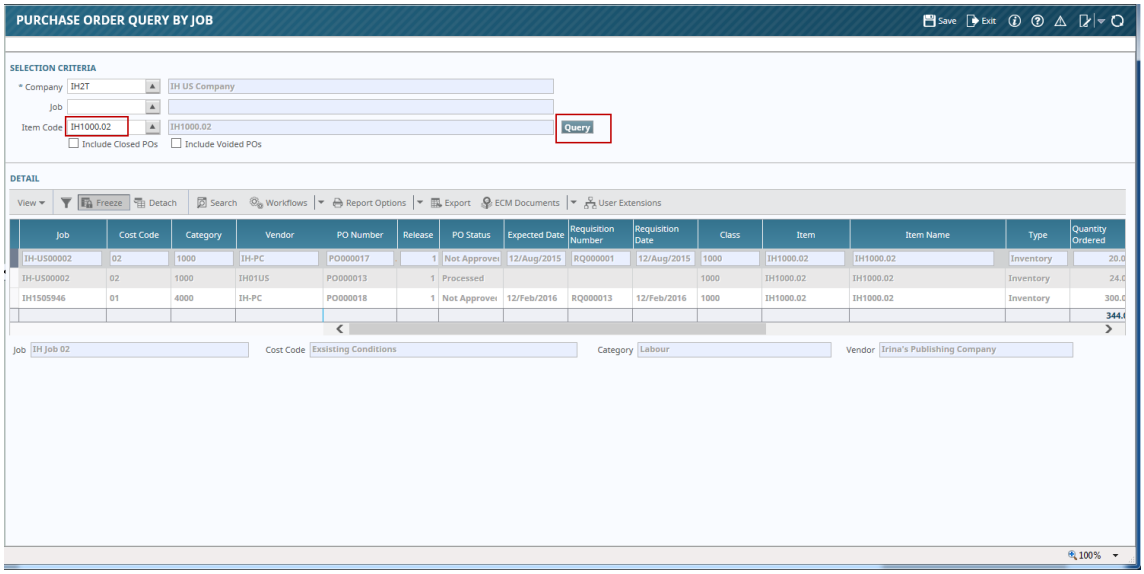


Note: When the Detail section is already populated then checking/unchecking the boxes "Include Closed PO" and/or "Include Voided POs" will automatically add/remove the qualified records – the user does not have to press the [Query] button again.

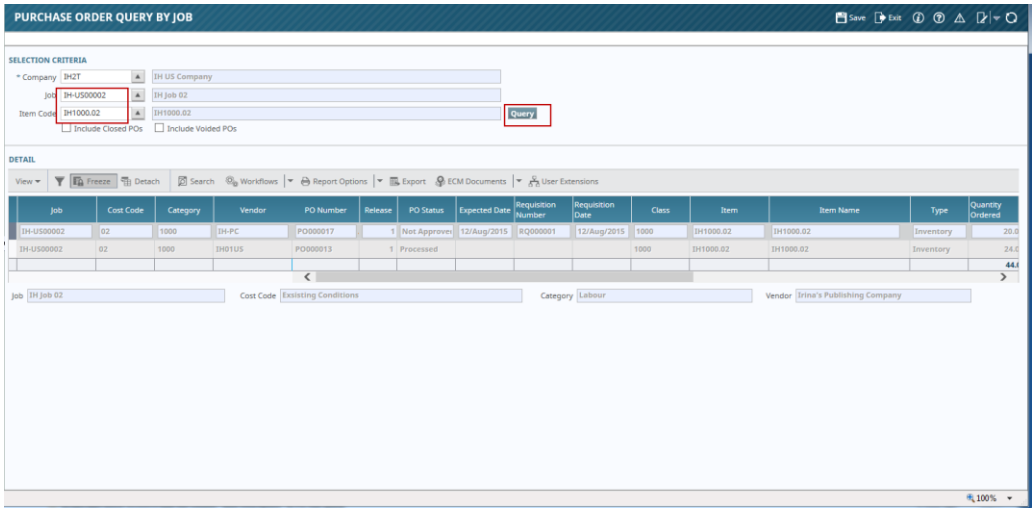
2. If the user would like to narrow down the POs for the specific Job then the Job code has to be entered (chosen from LOV) and [Query] button clicked:



3. If the user would like to narrow down the POs for the specific Item Code then the user has to enter Item Code (choose from LOV) and press [Query] button:



4. To see the POs for the particular item and particular Job both fields Job and Item Code should be populated; than the button [Query] should be clicked:



Modifications:

1. Now the user will be able to search the POs by Item Code in addition to pre-existing ability to search POs by Job.
2. The user will be able to see the corresponding Item Name, Requisition Number and Date (if exist) for the each Purchase Order Item.
3. The new button [Query] has to be pressed in order to initiate the query and subsequently populate the Detail section of the screen.

Purchase Order Import (Custom) (19.87822)

An export file created from a third-party application (Rubber Stamp) will be uploaded into CMiC PO application. This import will update the Purchase Order Tables so that, the PO with the details is created, posted and the JC commitments are updated.

Ability to Use Job PO Mask while Copying PO (20.25669)

Overview

This enhancement provides ability to use Job PO number mask upon using Copy From feature in PO Entry screen.

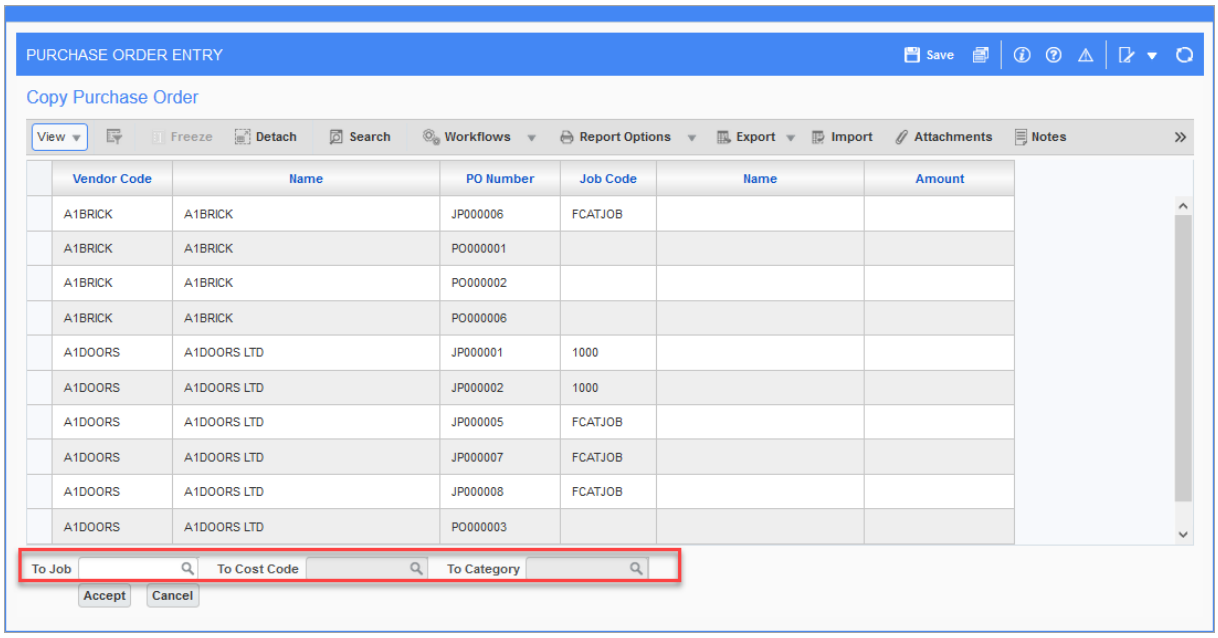
Pre-requisites

PO control file must have Job PO Number Mask setup and Auto Number Flag should be checked. New fields are only enabled when user is copying from a PO which has Job Code associated with it.

Modifications

New fields introduced in Copy Purchase Order screen.

To Job: Select a job from LOV to which needs to be associated to new PO.
To Cost Code: This field is only enabled once user select job in To Job field. User must select valid cost code for the job.
To Category: This field is only enabled once user select job from To Job field. User must select valid category for the cost code.

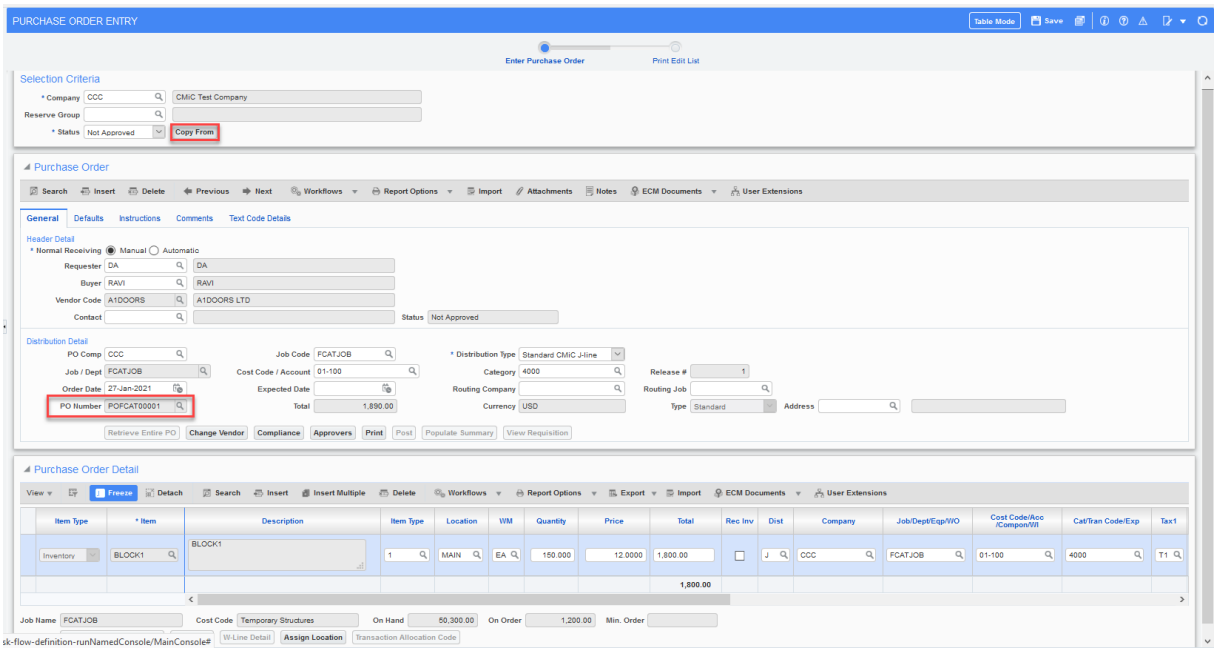


Purchase Order > Process > Enter Purchase Order > [Cope From] – Copy Purchase Order pop-up

Implementation

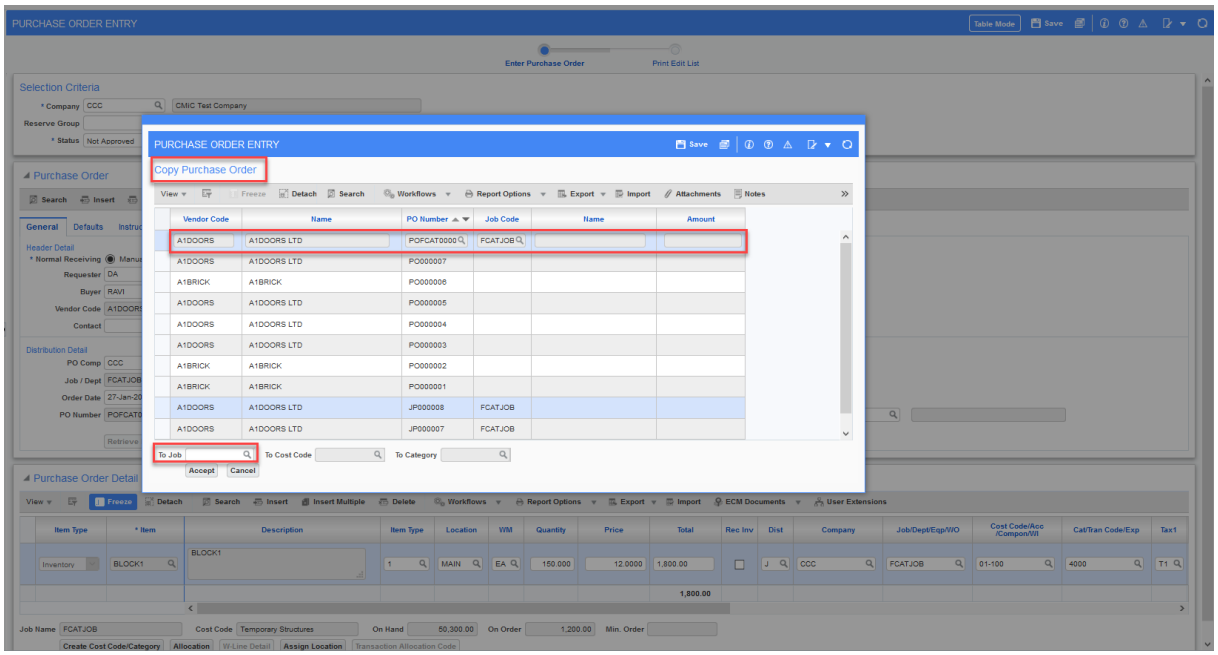
Comp: CCC
Job PO Number Mask: POjjjj****
Job Code: FCATJOB
PO: POFCAT00001

Use [**Copy From**] to copy POFCAT00001 to a new PO.



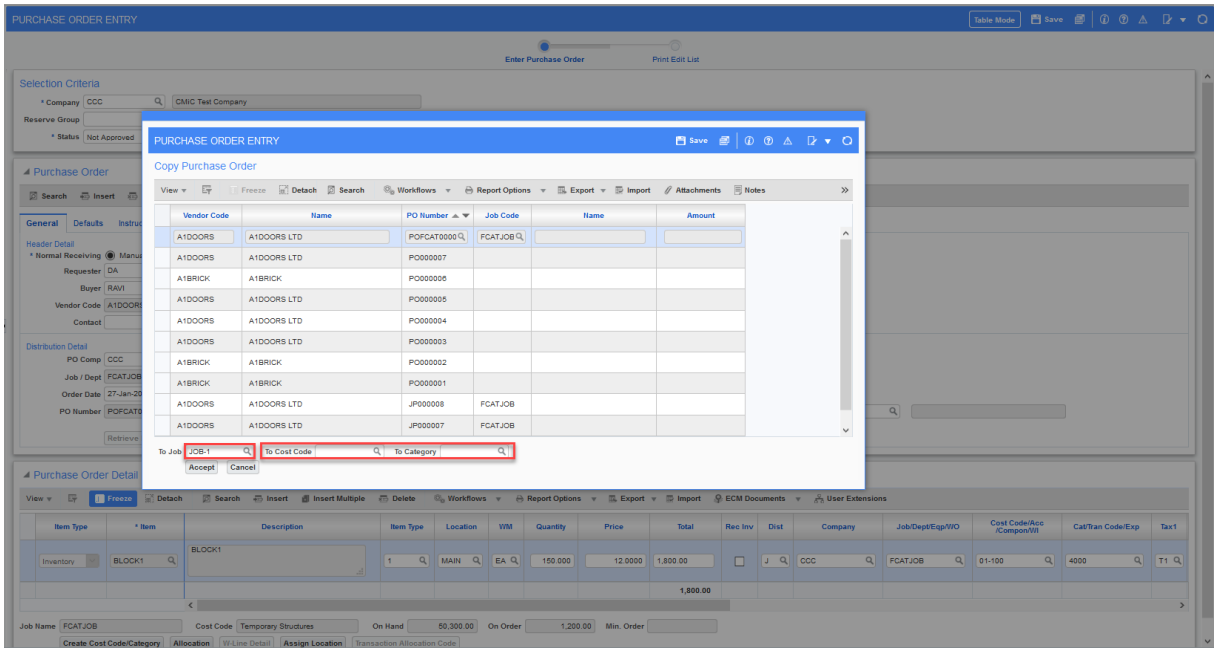
Purchase Order > Process > Enter Purchase Order

Select job from To Job LOV.



Purchase Order > Process > Enter Purchase Order > [Copy From] – Copy Purchase Order pop-up

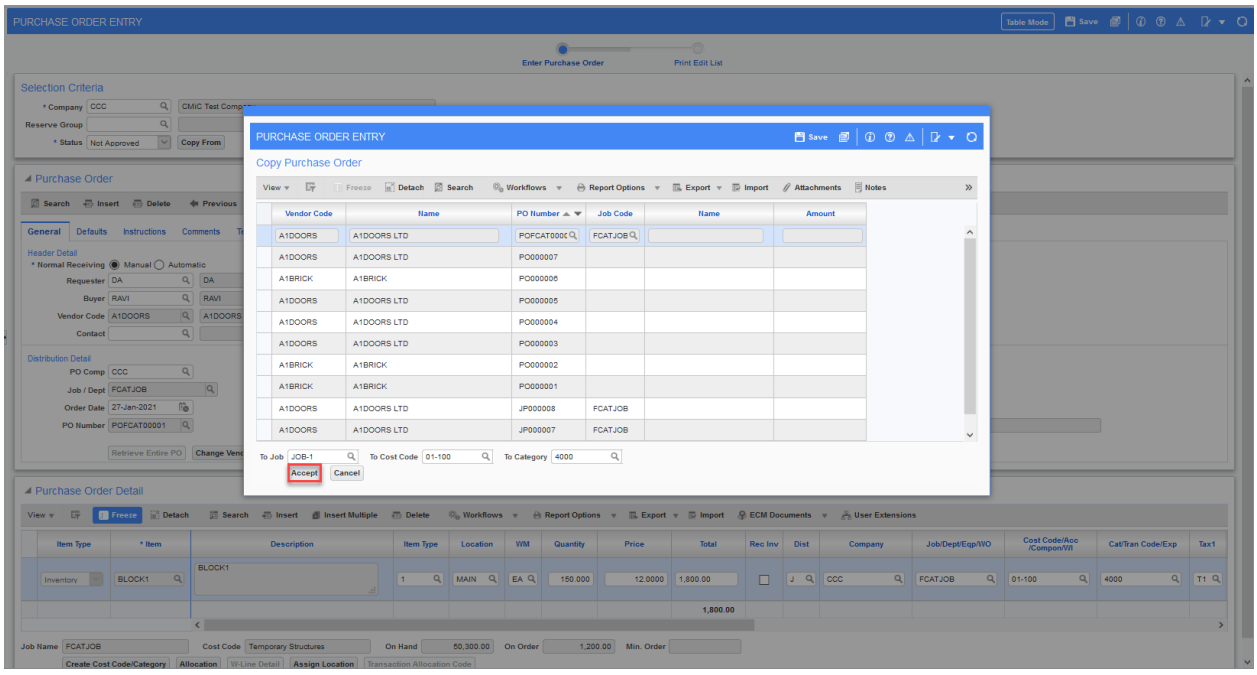
Once user selects a job, To Cost Code and To Category fields are enabled.



Purchase Order > Process > Enter Purchase Order > [Copy From] – Copy Purchase Order pop-up

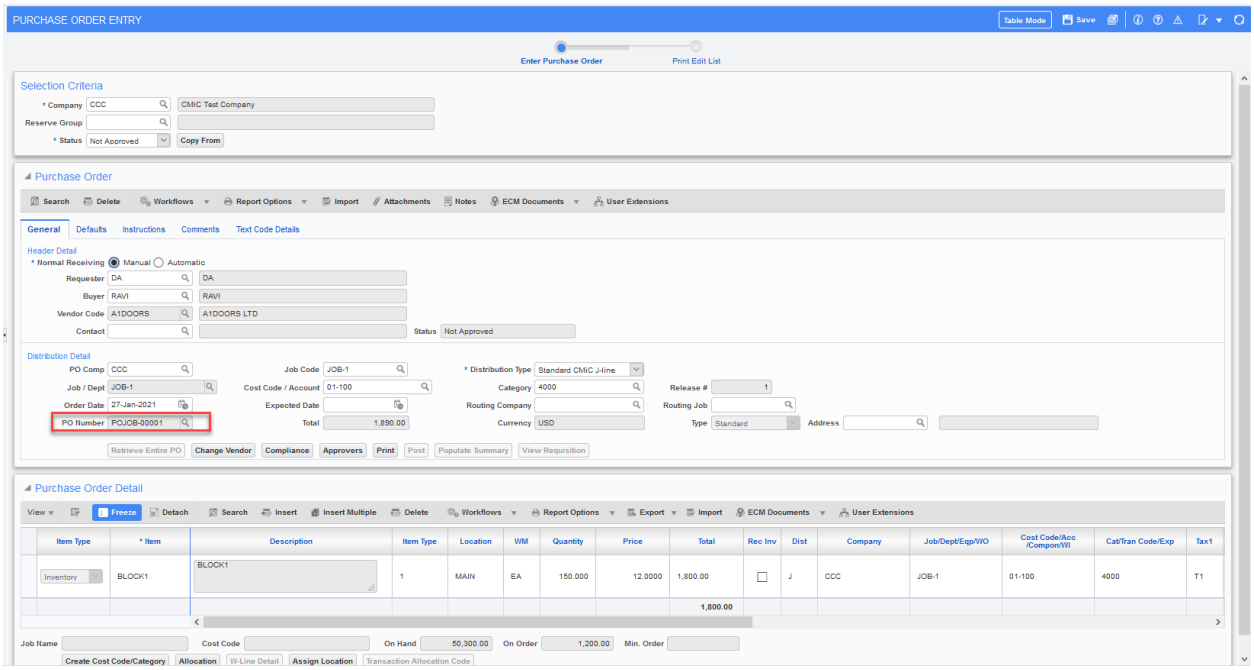
Select valid cost code and category for the selected job.

Click on [**ACCEPT**] to create a new PO which will follow Job PO Number Mask setup in control file. In PO number, the *'j'* will use the new job selected from To Job field.



Purchase Order > Process > Enter Purchase Order > [Copy From] – Copy Purchase Order pop-up

The new PO number generated is POJOB-00001.



Purchase Order > Process > Enter Purchase Order

PO Control – A Checkbox "Populate Item Description to Item Comments" Added (21.40253)

Overview:

The new feature is to populate Item Description to PO/POCO detail line comments field while entering a PO (without pass through a requisition) for a non-stock item.

Modifications:

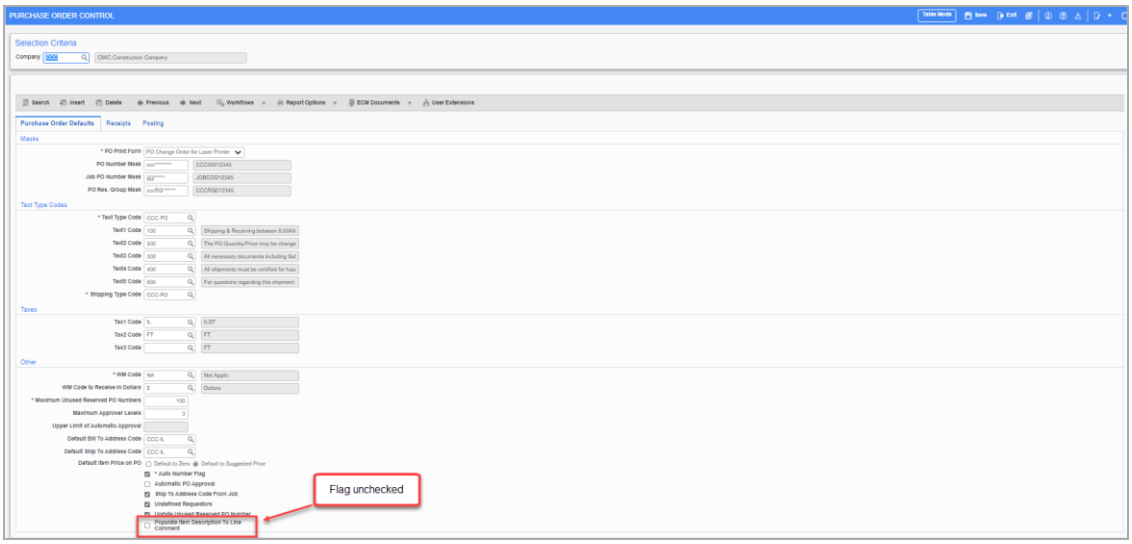
The following are the changes made to two of the programs POCTRLFM and POENTRYC.

Added Checkbox "Populate item description to Item Comments" on PO control file (POCTRLFM).

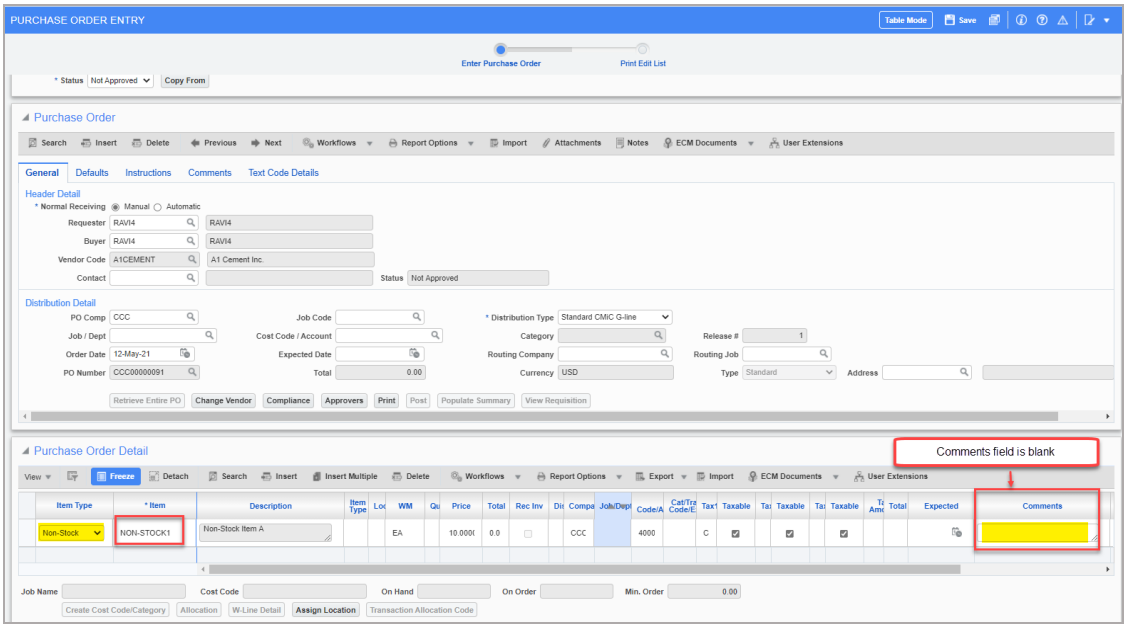
PO/POCO entry program (POENTRYC) modified to add item description field on item LOV, to populate item description to PO/POCO detail line comments field based on the new flag.

The New Flag "Populate item description to Item Comments" added in PO Control File is unchecked and hidden by default. User needs to add it through the Lite Editor.

When the Flag is unchecked as shown below, while entering a PO through Enter Purchase Order program, in the Purchase Order Detail, the Comments field does not automatically pull the data from Non-Stock item program's description field.

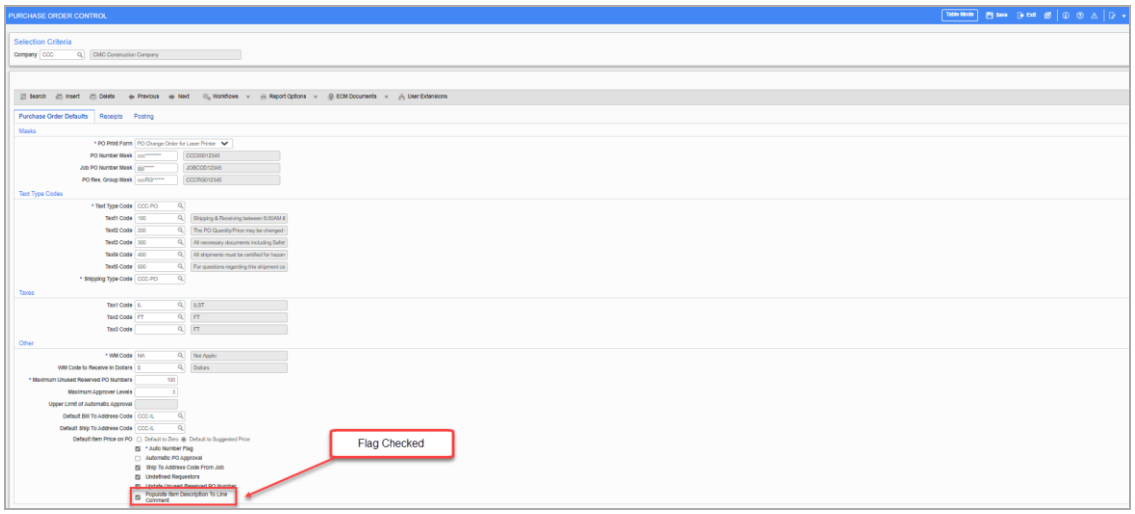


Asset Management> Purchase Order > Local Tables> Control

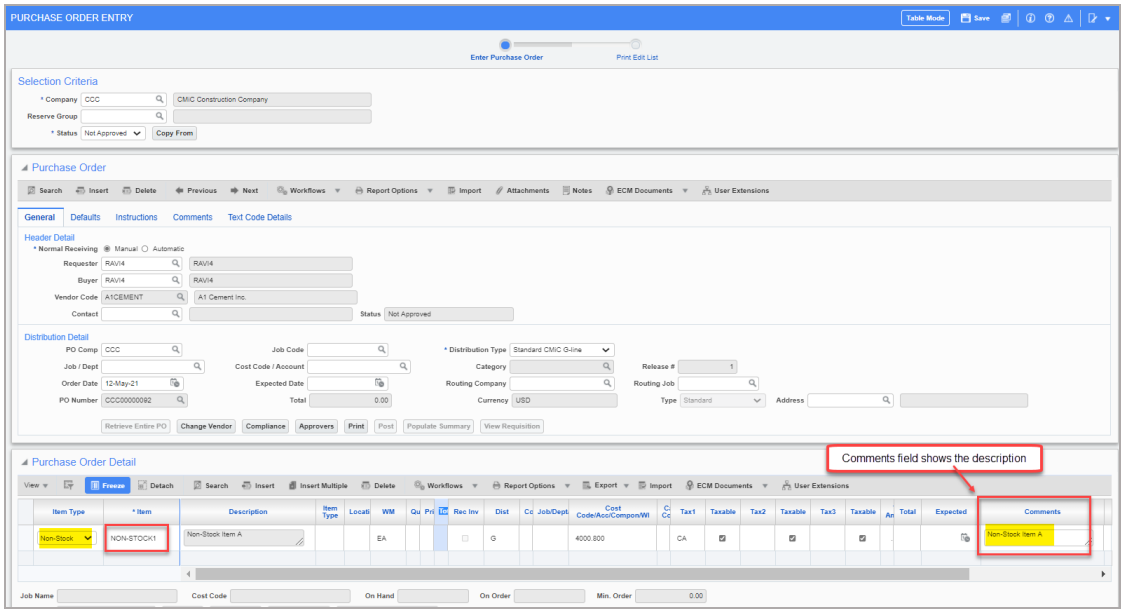


Asset Management> Purchase Order > Process> Enter Purchase order

When the Flag is Checked in Control File as shown below, while entering a PO through Enter Purchase Order program, in the Purchase Order Detail, the Comments field does automatically pull the data from Non-Stock item program's description field.

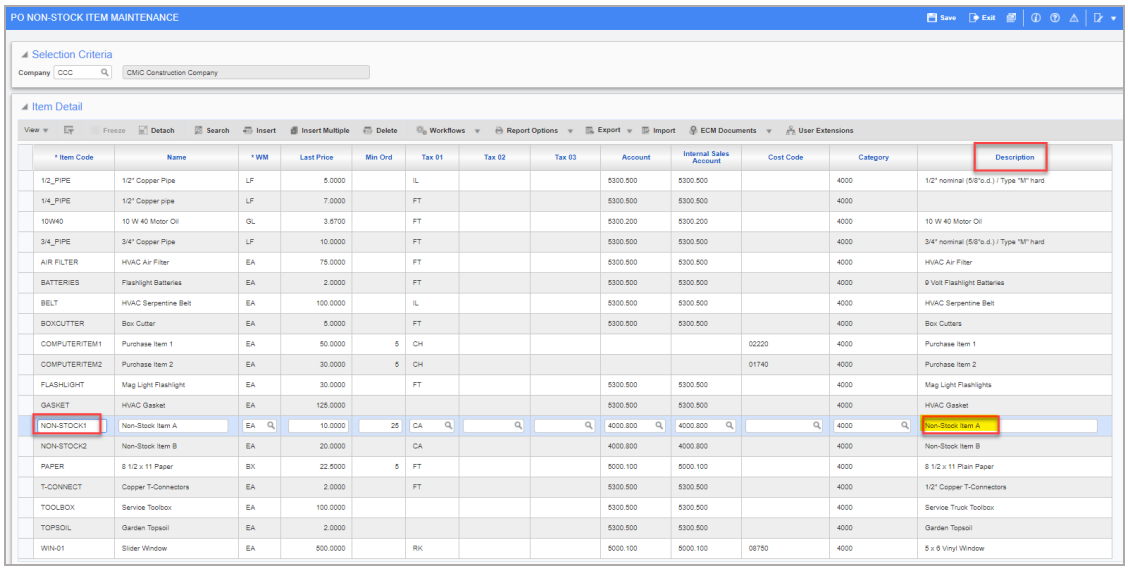


Asset Management> Purchase Order > Local Tables> Control



Asset Management> Purchase Order > Process> Enter Purchase order

The data in the PO Detail Comments field is pulled from Non-Stock item program's description field.



Asset Management> Requisitions> Setup> Non-Stock Item

Lot/Lumpsum POs (20.31584)

Overview:

Often a supplier will provide a 'lot' price for material, comprising dozens or hundreds of items, rather than price each item individually. This is especially true for specialty fixtures comprised of many separately sourced, delivered, and invoiced components.

We want to record the lump sum amount as the first PO line item (e.g., the complete fixture cost), followed by the individual components with quantities but no amounts. Moreover, some of the components are often supplied by a third party other than the original supplier, which is why there are usually several receipts and invoices for the PO.

We want the ability to receive the quantities against the actual PO line items, but invoice against the lump sum PO line, so invoicing is effectively based on the invoice amount rather than invoiced quantities.

To summarize the requirement, we want the ability to have multiple lump sum PO lines in a PO, and multiple receipts and invoices against a lump sum line.

Modifications:

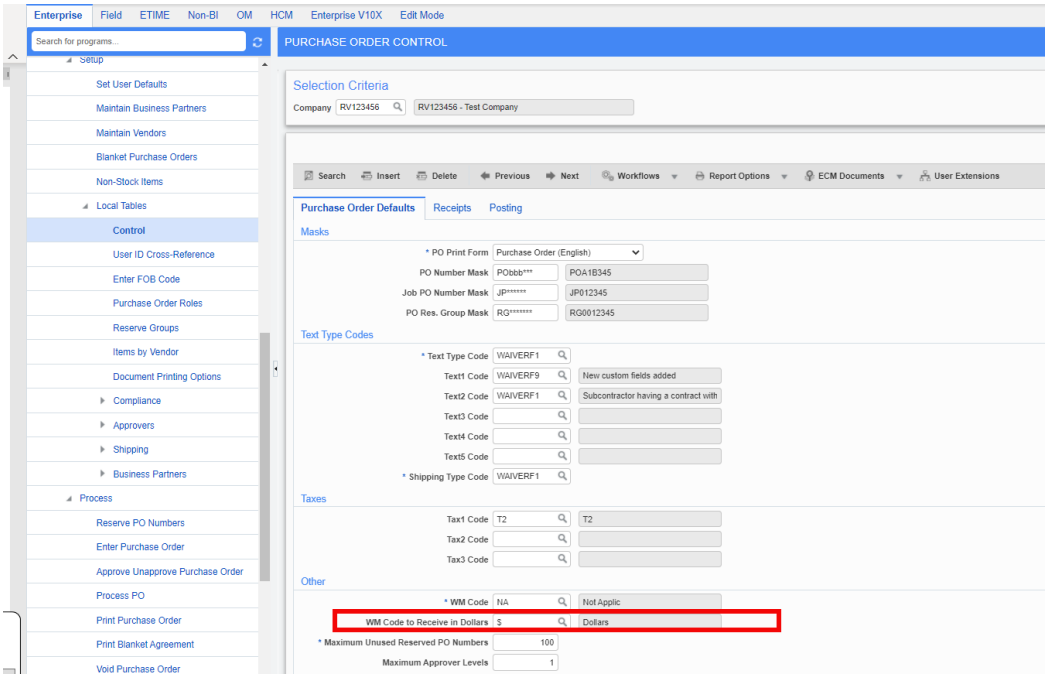
The following changes have been made in Purchase Order and Accounts Payable applications to fulfil the business requirement:

PO Control File:

A WM code needs to be setup for Lumpsum PO's. The defined WM on the control file when selected will default the Price to 1. The Price field In Enter Purchase Order program becomes disabled and Quantity is enabled for entry.

Users must set up the default weight measure code in Purchase Order Control > Purchase Order Defaults.

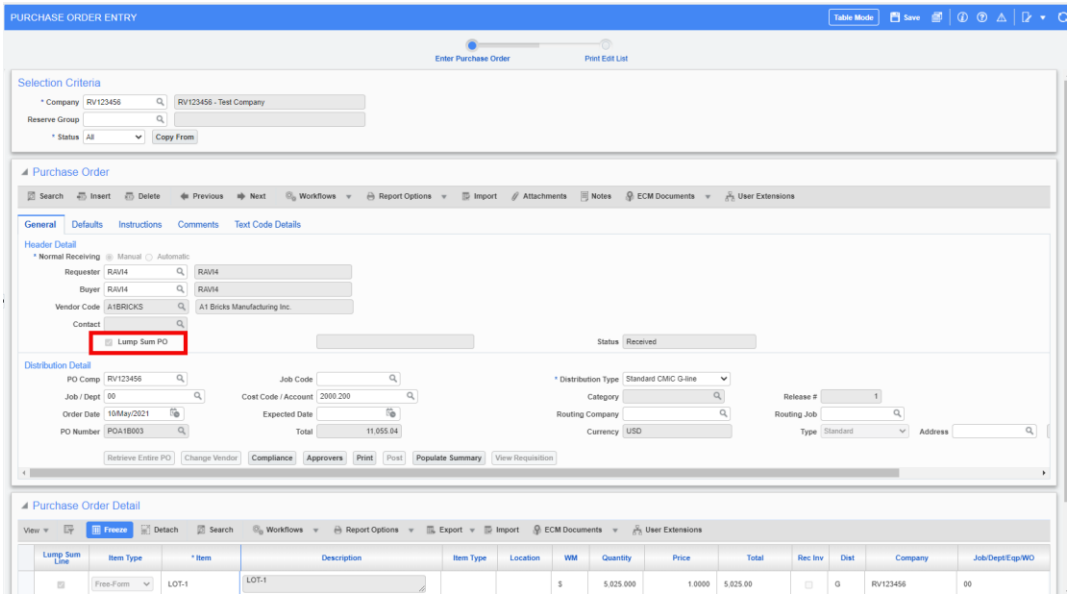
‘WM Code to Receive in Dollars’ field value is set to $.



Purchase Order>Setup>Local Tables>Control

Purchase Order Header:

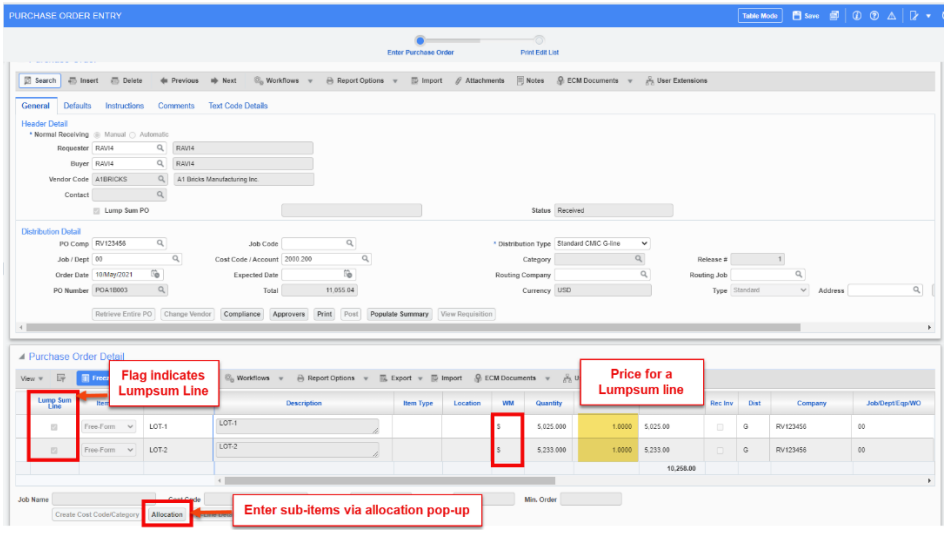
- A new flag ‘Lumpsum Purchase Order’ is added on the PO Header. This flag is hidden by default and can be made visible using the Lite Editor. The default value is un-checked.
- This will default the ‘WM code to Receive in Dollars’ from the control file setup.
- If flag is selected on the header at least one detail line needs to be flagged as Lump sum.



Purchase Order>Process>Enter Purchase Order

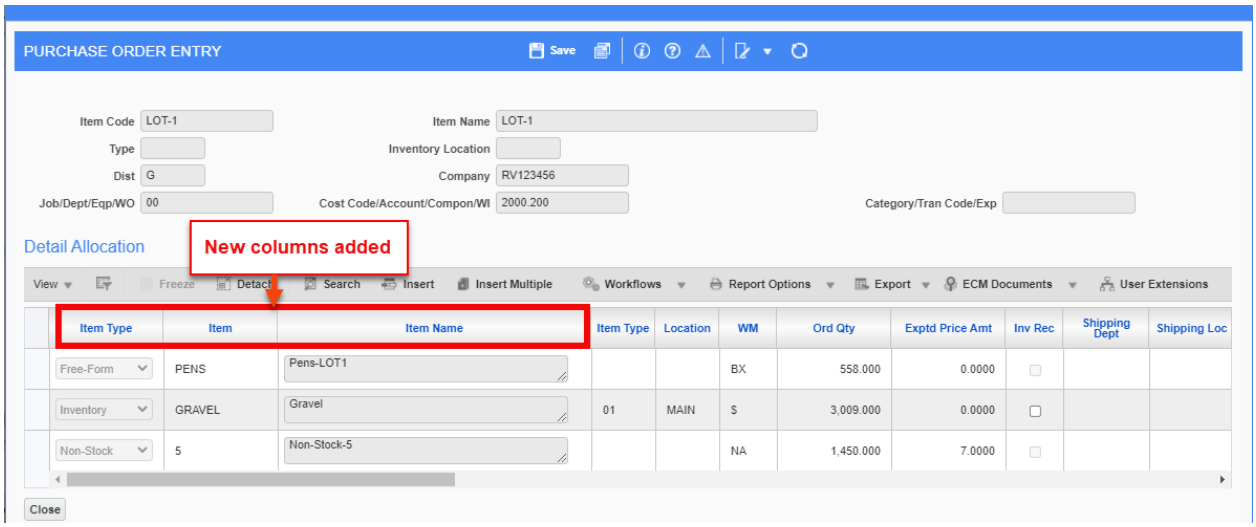
Purchase Order Detail:

- New flag for Lumpsum line is displayed on the PO detail block.
- When the flag is enabled, Item Type will default to FREE FORM and default the WM defined on Control file.



Purchase Order>Process>Enter Purchase Order

- The Allocation Button is used to enter all the sub-items associated to the Lump sum price entered creating a hierarchy.
  Note: Multiple Lump sum lines can be entered. Each line will have allocations specifying the sub-items that are associated to the Lump sum line.
- *Allocation pop-up window will hold all sub-items associated with the lumpsum line.*
- *New columns marked in RED namely Item Type, Item and Item name is added to the allocation window. This will be available for Lumpsum PO only.*
- *Order quantity is the actual receiving quantity, at the time of PO Shipment receiving. The expected price amount will be 0 for the allocated items.*
- *Distribution type and other details is taken from the PO Detail line, and it cannot be modified.*
- For Lumpsum Purchase Order the cost will be generated at the time of invoice posting.



Purchase Order>Process>Enter Purchase Order

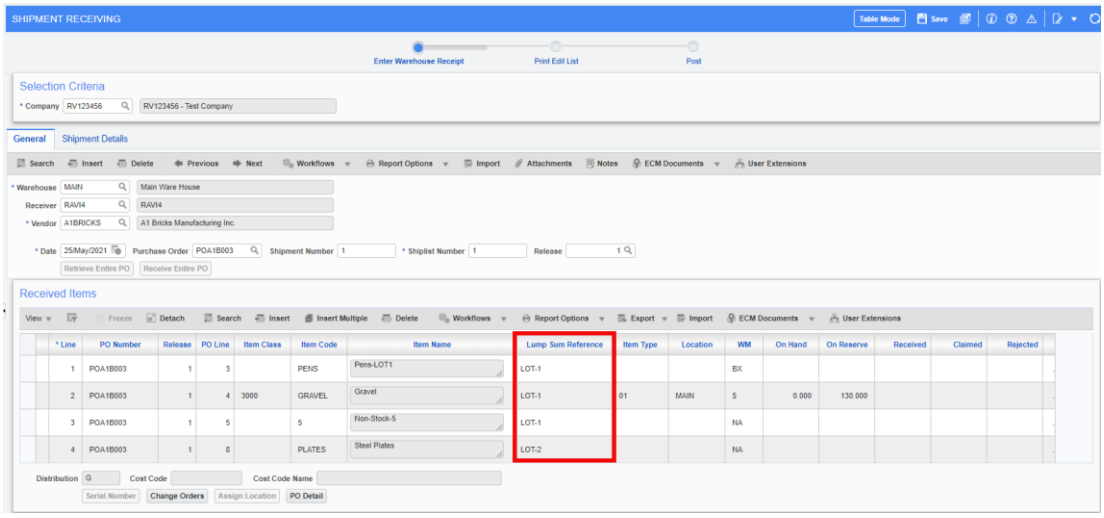
NOTE: Tax will be used/specified on Lump sum line only. Lump sum amount will be a pre-tax amount.

Change Order Detail:

The same changes as PO program will be applicable here. While posting the Change orders the PO Details will be updated.

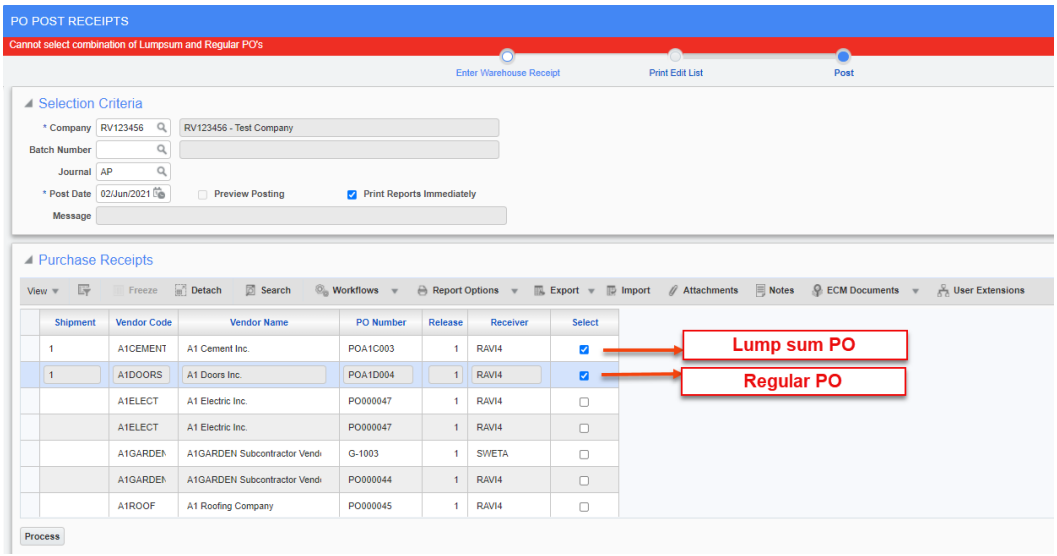
Receipt Entry:

The lumpsum line will not be included in the Received items block. A new field ‘Lump sum Reference’ will be available and needs to be added via the Lite Editor. It provides the reference of the lumpsum line to the sub-item.



Purchase Order>Receipts>Enter Warehouse Receipt

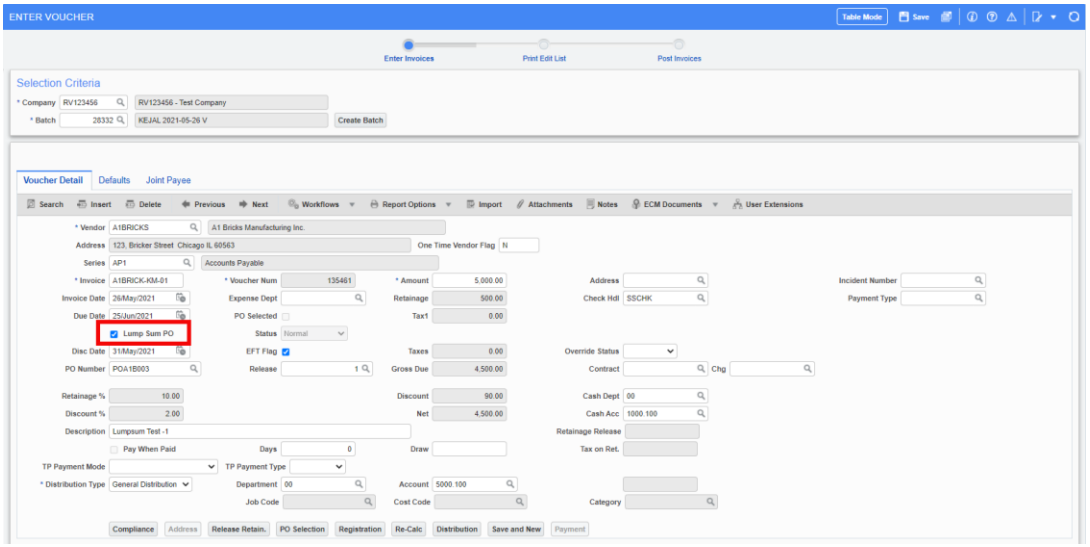
NOTE: You cannot receive both a lumpsum PO and a regular PO together. A validation will be issued.



Purchase Order>Receipts>Enter Warehouse Receipt

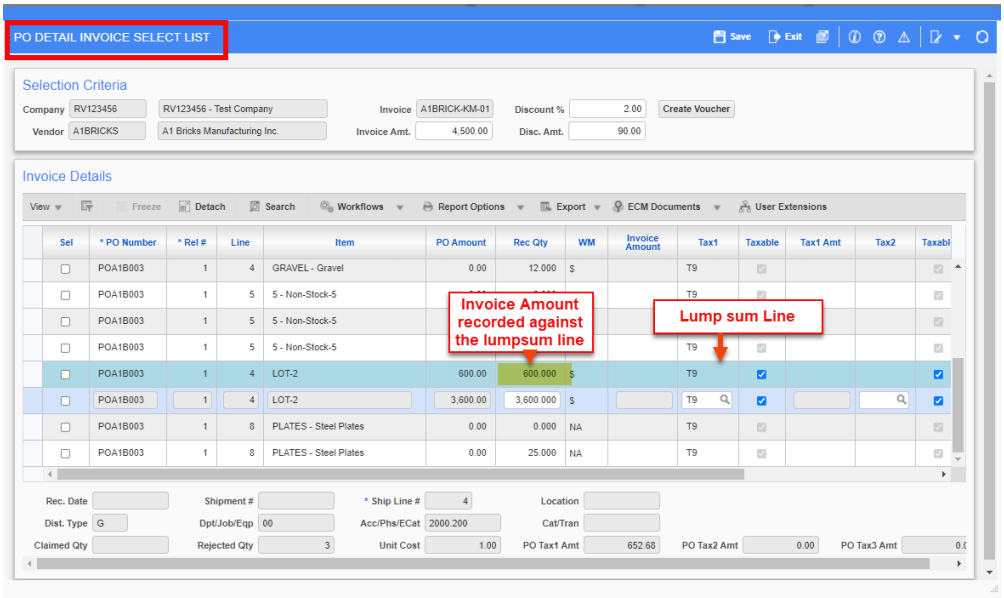
AP Enter Voucher

- New checkbox Lump sum PO is added. This flag is hidden and can be brought up by Lite Editor. By default, it will be unchecked.
- If this flag is checked, only lump sum PO will be visible in Purchase Order Selection



Accounts Payable>Vouchers>Enter Vouchers

- In the PO Detail pop-up, the lumpsum lines is visible along with its allocated sub-items. The Lump sum line is visible in a different color.
- The invoice amount will be recorded only against the lumpsum line items.

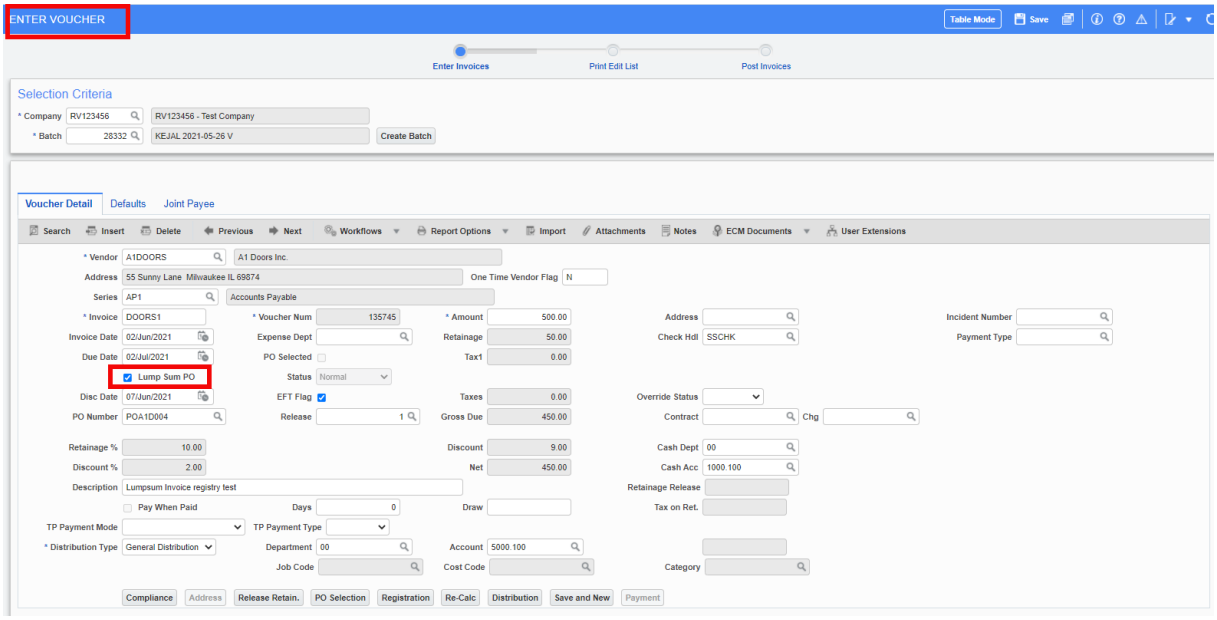


Accounts Payable>Vouchers>Enter Vouchers>PO Selection screen

NOTE: If using tax, Invoice amount will be a pre-tax amount and tax will be created on invoice amount. User would have an option to override the tax amount.

AP Registered Invoice Entry

- The program 'Register Invoices' is modified to carry over the lump sum details to voucher.
- New checkbox Lump sum PO is added. This flag is hidden and can be brought up by Lite Editor. By default, it will be unchecked.



Accounts Payable>Vouchers>Register Invoices

Unit Price added in Enter Job Receipt program (21.49621)

Unit Price added in the Enter Job Receipt program

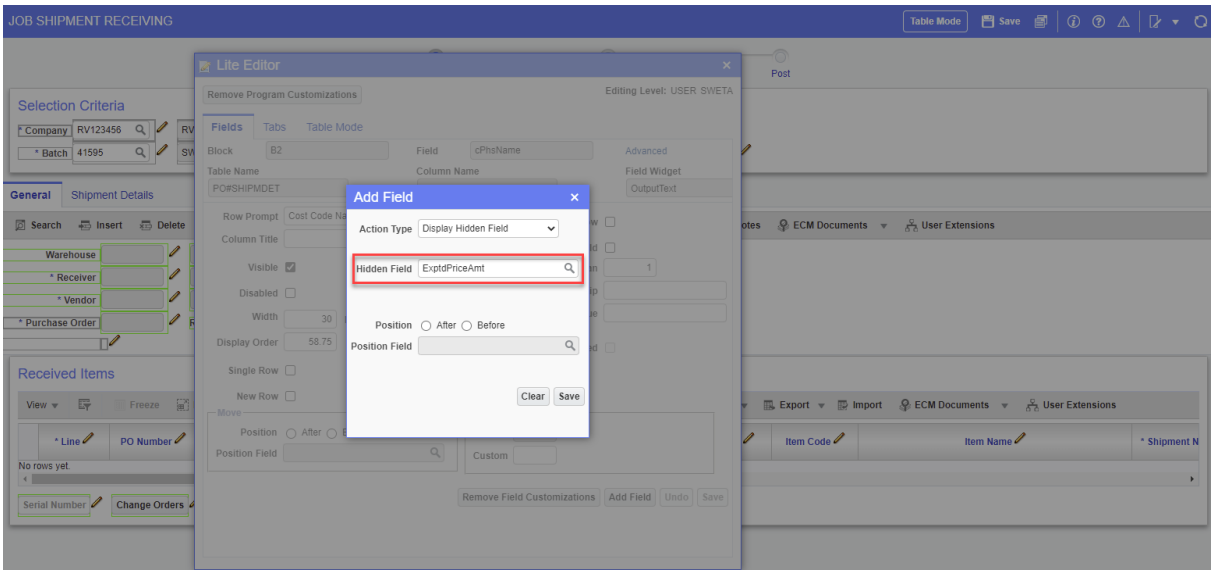
Functionality Design:

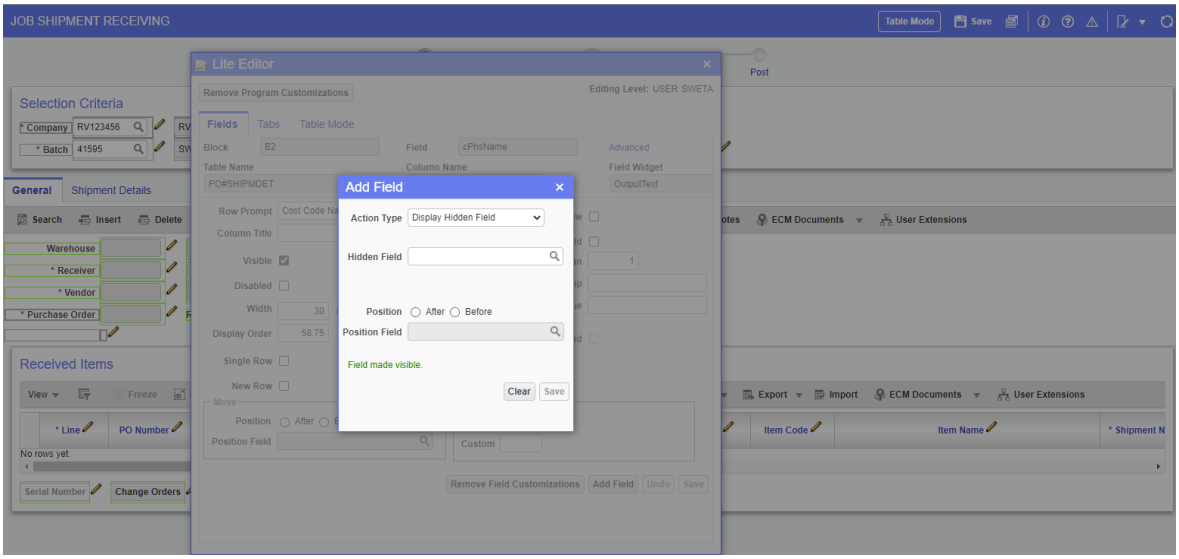
In the PO Job Receipt program (POJOBREC) a new display column is added on detail level to show the Unit Price (POS_EXPTD_PRICE_AMT) from PO detail for the receiving item. There is no calculation, just display only.

By default, this field will be hidden, user will have to make this new field visible through lite editor.

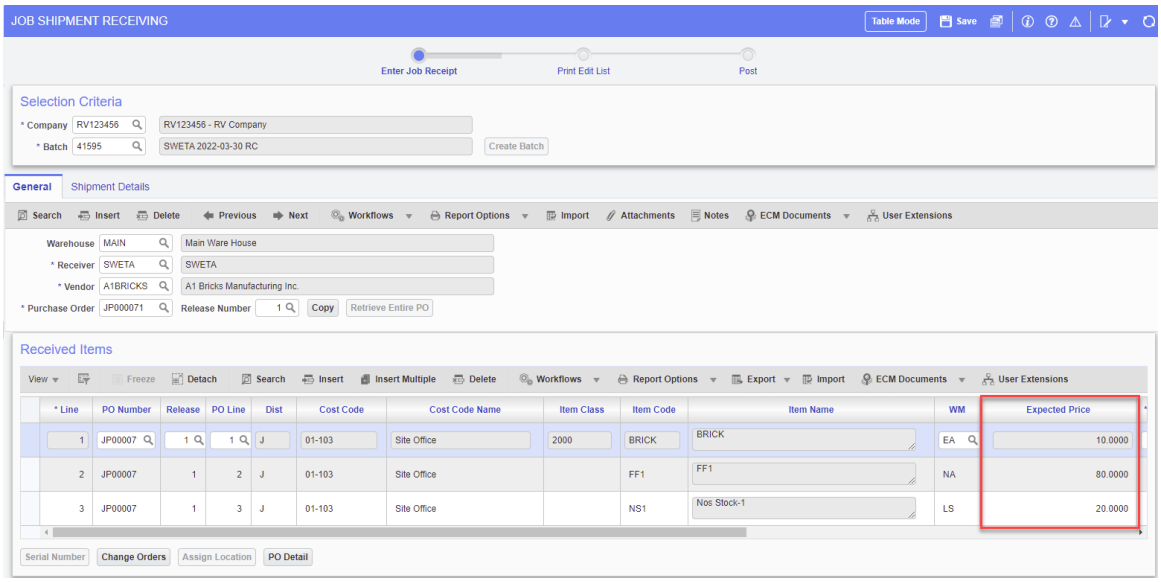
Modification Details with Examples:

Through lite Editor User can add the new field ‘Expected Price’ and click on Save.





The New field ‘Expected Price’ is visible now.



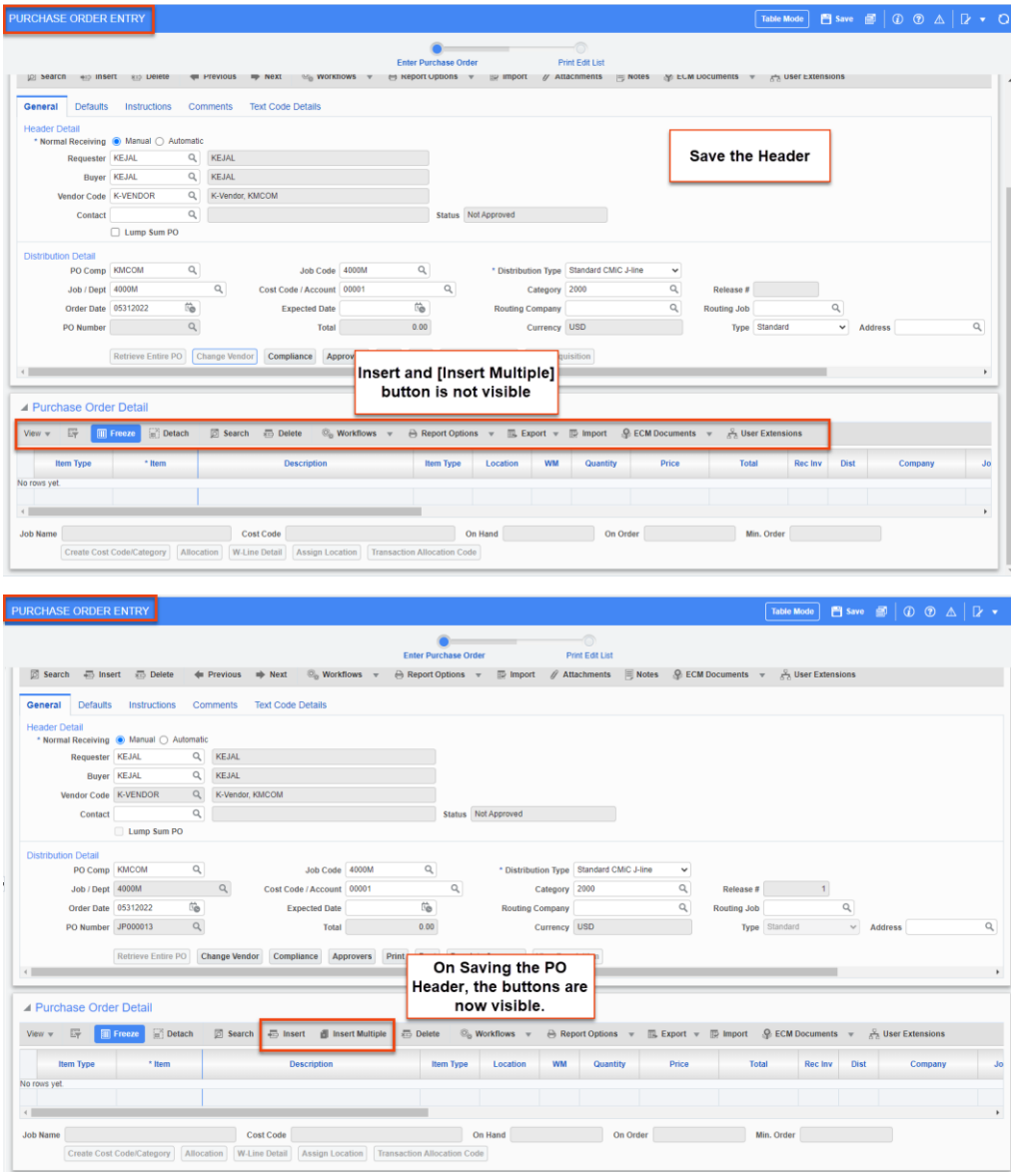
Purchase Order Entry – Changes to Detail Entry & Save (22.57797)

PO Header to be Saved before entering PO Detail lines

Modifications:

- Purchase Order entry program is modified to use **SAVE** button before entering PO detail lines.
- [Insert] and [Insert Multiple] toolbar button will only be visible when purchase order header is saved.

Testing:



Requisitions

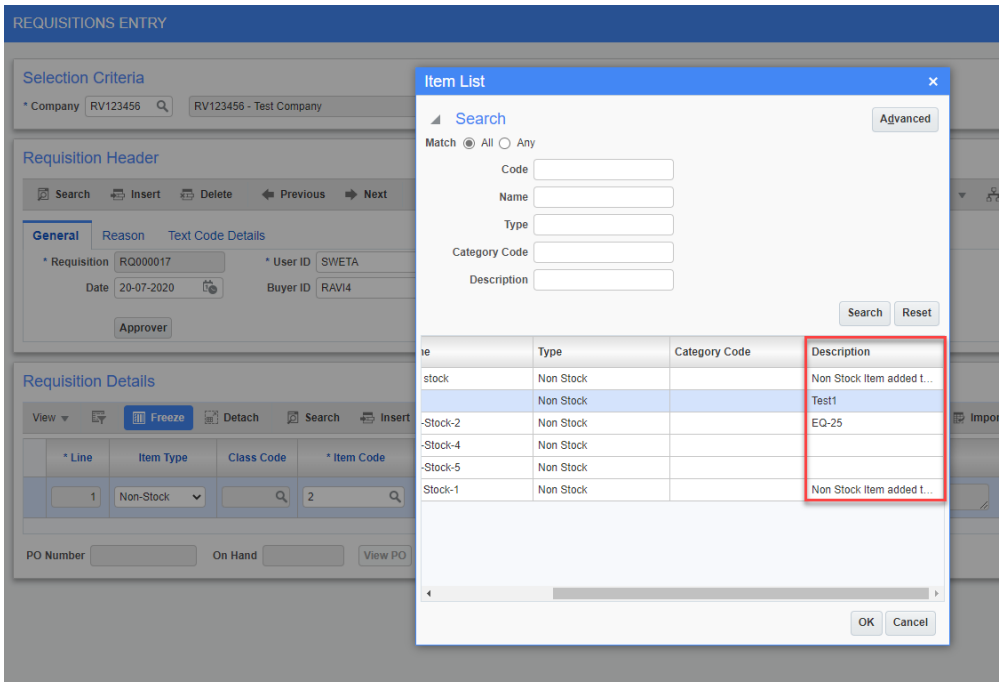
PO Non-Stock Item Comments Enhancement (20.24491)

To support longer input for non-stock item description in Requisition application.

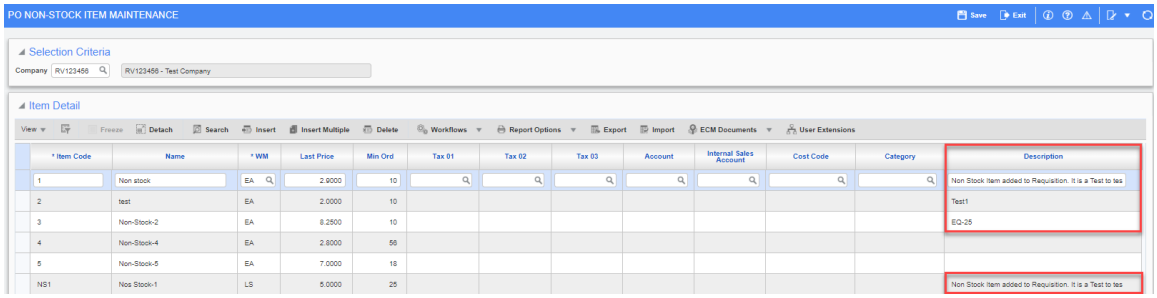
1. Requisitions Entry Screen:
    a. When searching for a 'Non-Stock' item, users have a new option to search by Description in the LOV.
    b. The detail section of the record has a new 'Comments' field. When creating a requisition detail for a Non-Stock Item, the Non-Stock Item Description will be auto populated from Non-Stock maintenance screen. Users may update the comments as needed.
2. When creating a Purchase Order from a requisition, the comments field value will also be carried over to the PO.

Following screens show the modifications performed:

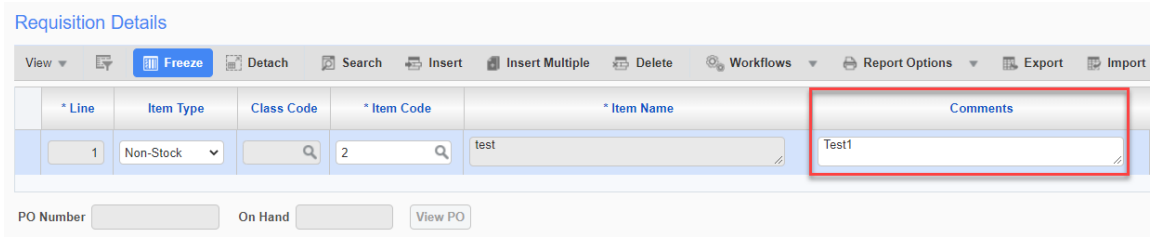
New Search option to search by Description in the Item Code LOV. This populates in case of Non-Stock item type only.



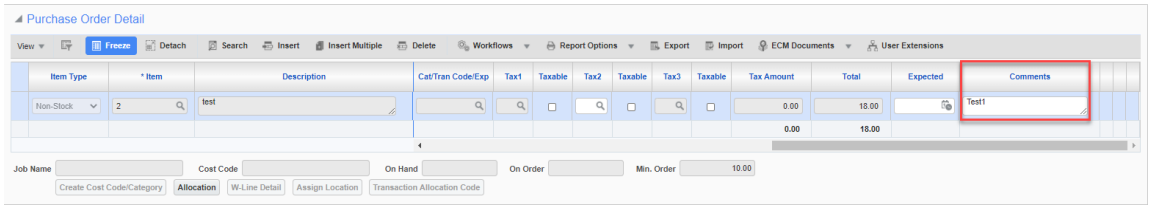
Description column is populated from Description on non-stock item (Requisitions → Setup → Non-Stock Item, screenshot below):



Description from the above LOV is populated in the Comments field on Requisition Details and is editable for the user to input any additional information:



When PO is created from requisition, the comments above populates on the Purchase Order Detail:



Requisition Entry – Inventory Item Code LOV Changes (21.36849)

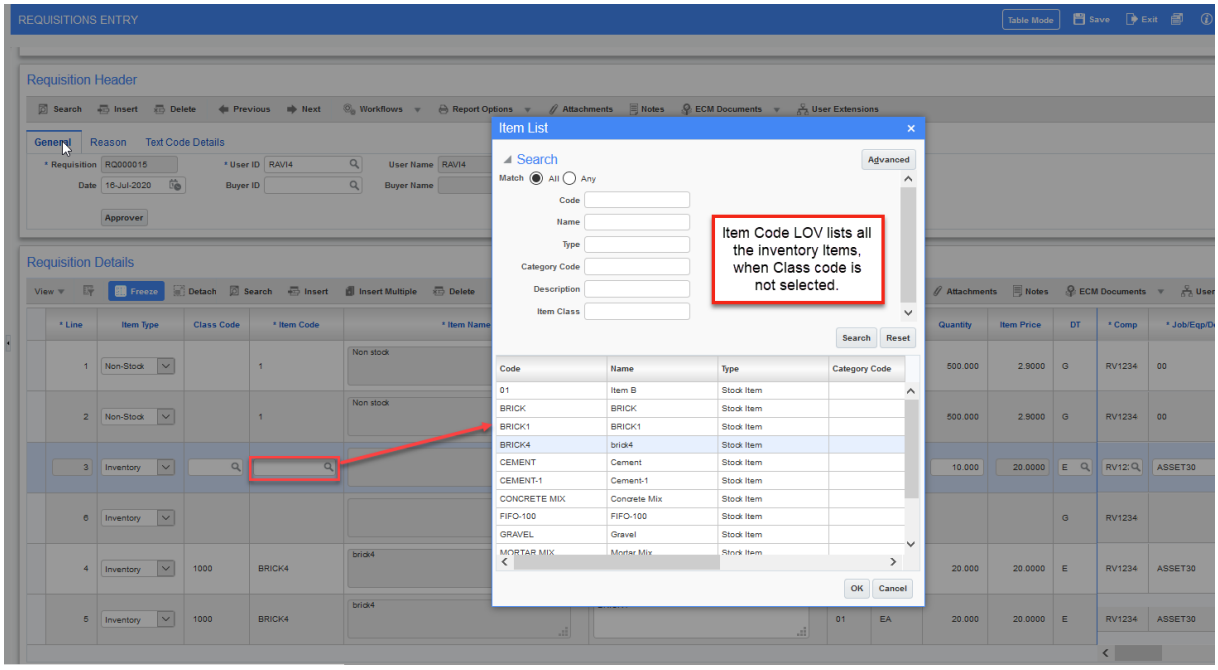
Overview:

Added the ability to select the inventory item without selecting the class code and added duplicate functionality in 'Requisition Entry' program.

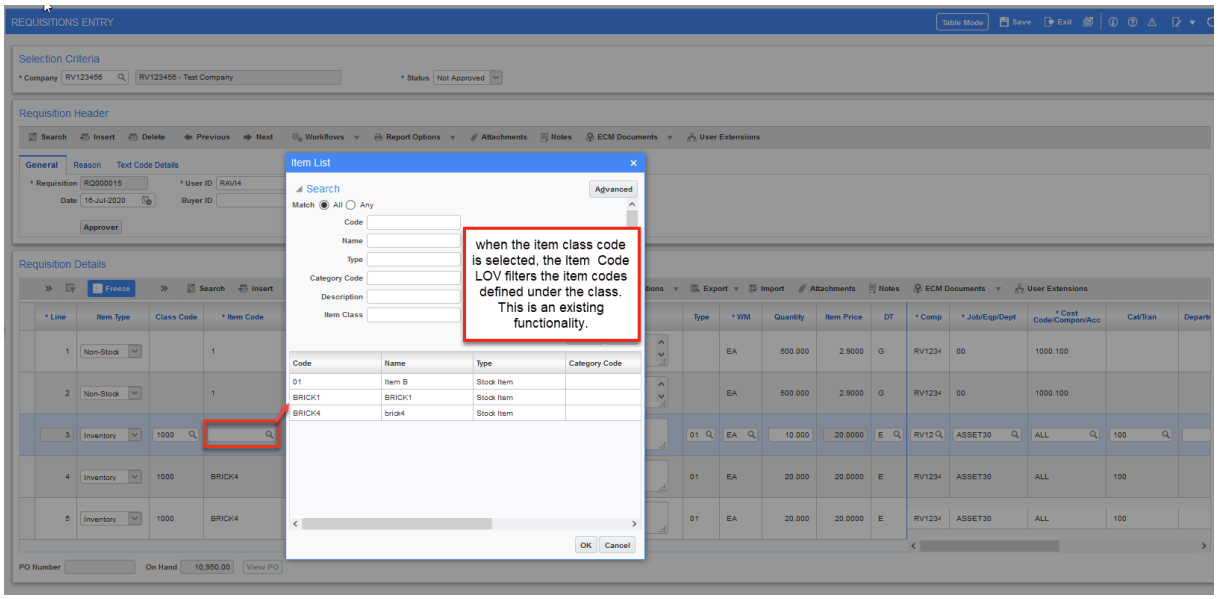
Modifications:

The following are the changes to Requisition entry program (PORQENTC).

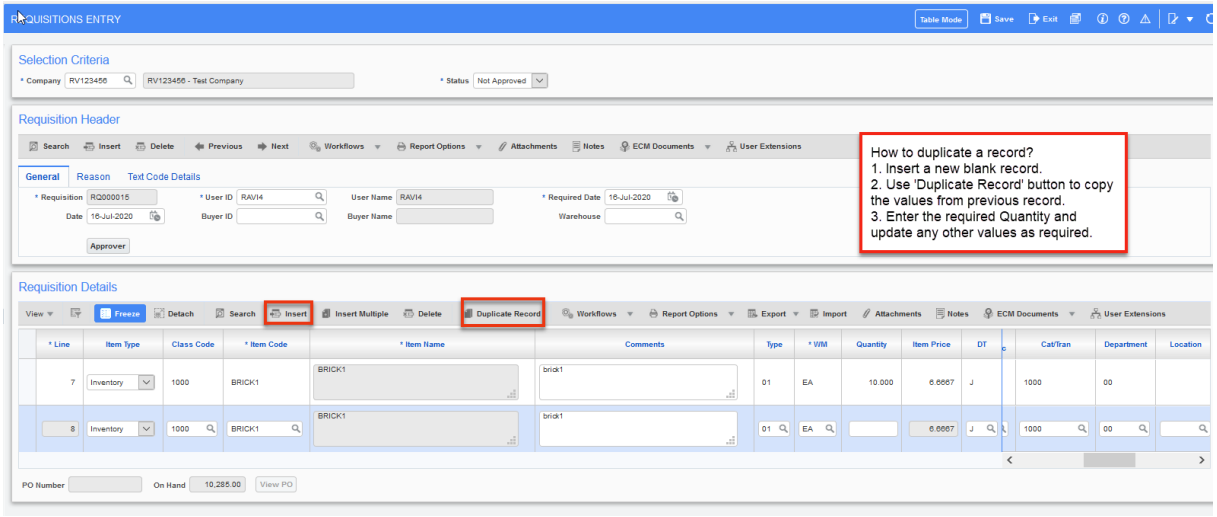
1. Item code LOV is modified to show the item codes even though class code is not specified. Class code is back filled which is associated with the selected item.
   If the class code is specified, then item code LOV is filtered and will show only those item codes which are associated with the specified class code.
2. Added a Toolbar button [**Duplicate Record**] that allows user to copy data from the previous record into the new record. The record is duplicated with all column values except the 'Quantity' column. User must enter a quantity and 'Save'.



Project Controls> Asset Management > Requisitions> Enter Requisitions



Project Controls> Asset Management > Requisitions> Enter Requisitions



Project Controls> Asset Management > Requisitions> Enter Requisitions

Resource Planning

This section is currently under development.

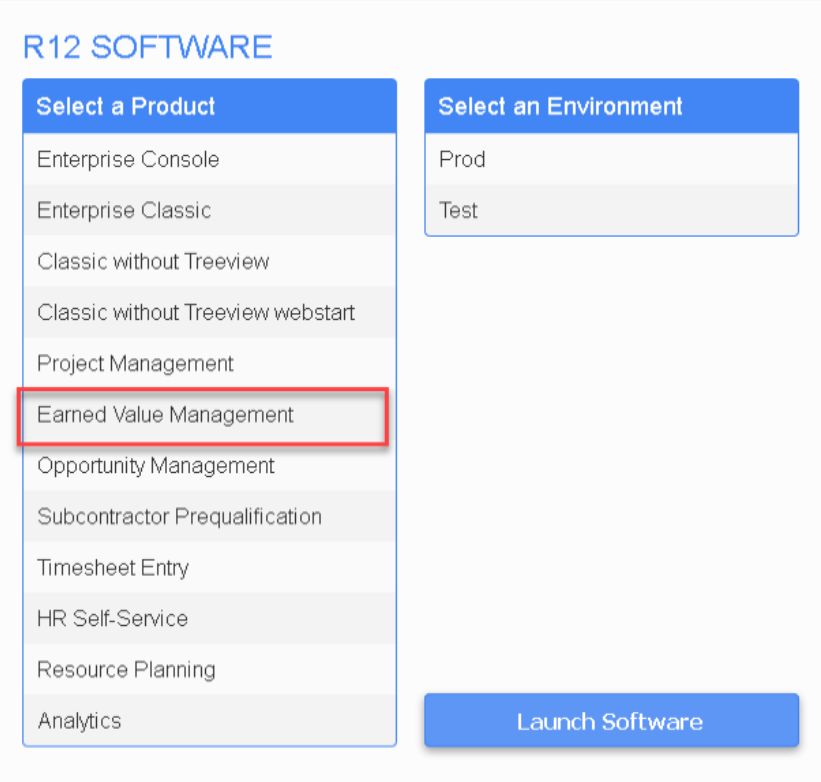
Scheduling 2.0

Earned Value Management - Beta (19.78641/PC-141)

Overview

The Earned Value Management program is being developed to monitor and report on Planned vs Actual quantities and units for a project to see if it is on track.

Earned Value Management identifies how much of the budget and time should have been spent, considering the amount of work done so far for self-performed projects.



Setup

The standard CMiC JSP security procedures apply.

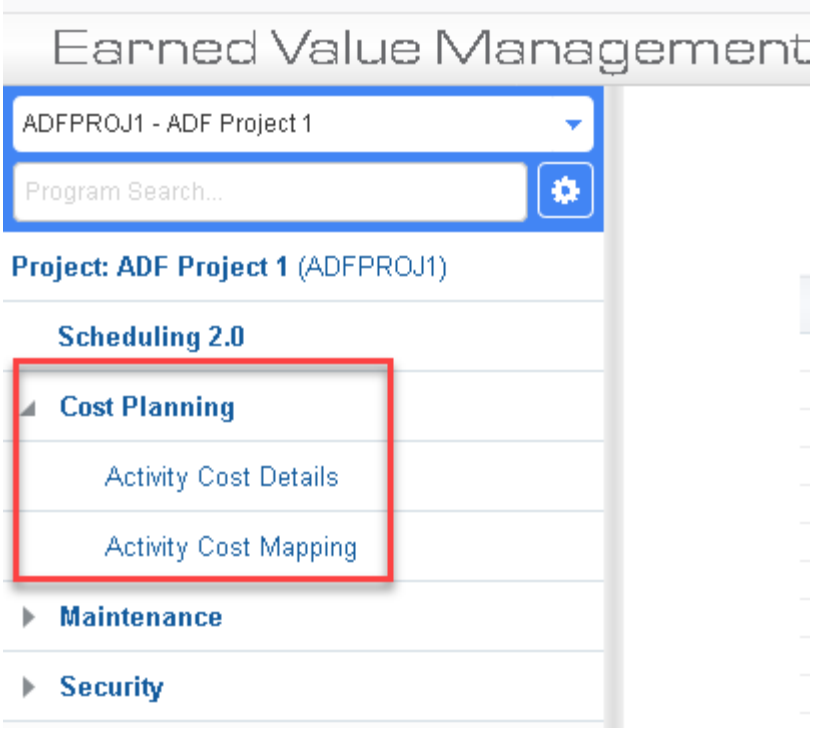
Program Features

CMiC is releasing **some** of the development of the Earned Value Management (aka Project Planner) in Patch V12-013-1:

Activity Cost Details

Activity Cost Mapping

Related Reports



Activity Cost Details Planning

The Activity Cost Details program provides the structure for defining the Planned Value (PV) to create a budget. The planned units for schedule activities are associated with CMiC Cost Codes via the Activity Cost Mapping.

It spans the activity from its start to finish dates.

Planned units are tracked on the user's selection of daily, weekly, or monthly periods.

The Actuals come from the following sources (and are based on the mappings):

- CMiC E-Time: Timesheet entry and Crew Time Entry
- Mobile Crew Time: Phase Quantity
- Project Management: Daily Journal Units Complete Tab
- Mobile Field: Daily Journal Units Complete Tab
- Job Costing: Phase Quantity Completion

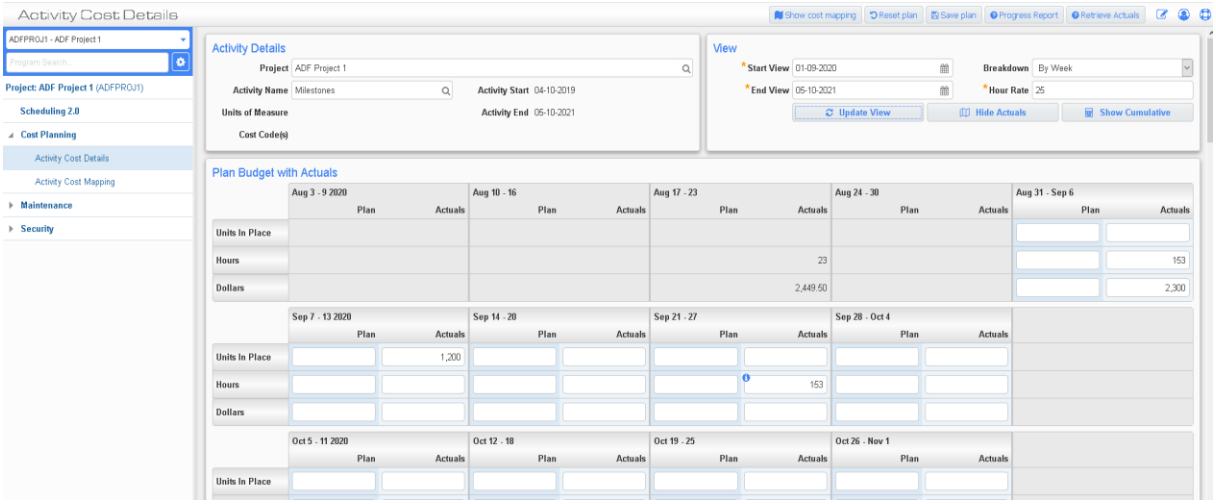
Breakdown

Daily – used to plan out units and hours for each day within a date range.

Weekly – used to plan units and hours weekly. The units and hours entered in the weekly view is stored on the last day of the week from the project calendar.

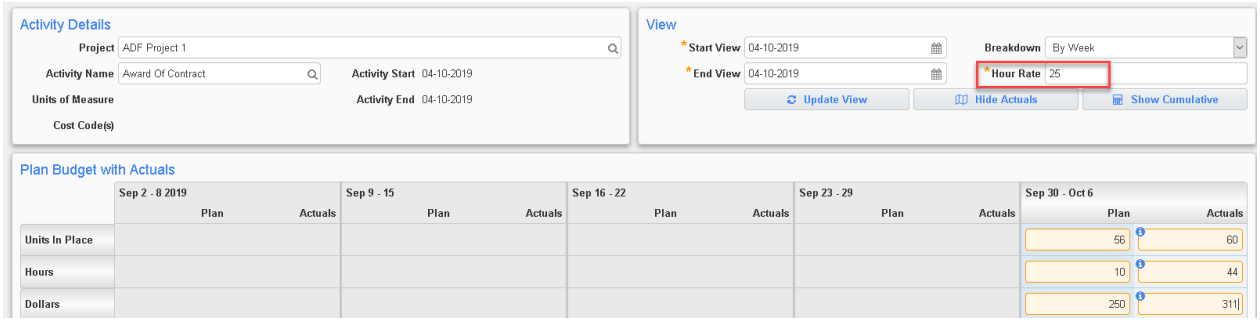
Monthly – used to plan out units and hours by months. Progress captured during the month is stored against the last business day of the month as per the activity calendar.

Use the [**Update View**] button to update the details on the screen to the selected view after selecting the Breakdown.

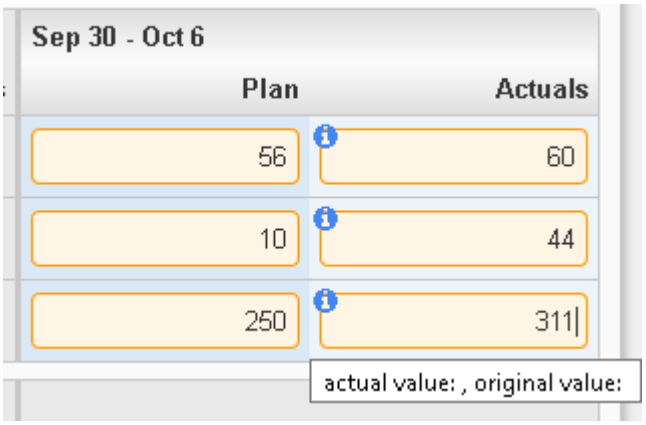


Planned dollars/budget = Hour Rate * Planned Hours

indicates that the Actual figures have been manually entered



Position the cursor in the yellow field to see the Actual value (if any) from the posted transactions:



Activity Cost Mapping

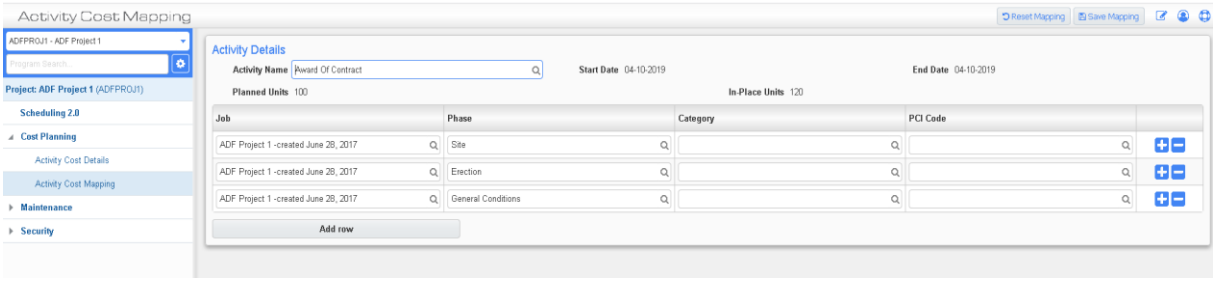
Schedule Activities are mapped to Cost Codes so that Actuals posted in the CMiC applications can be brought in for comparative analysis with Planned.

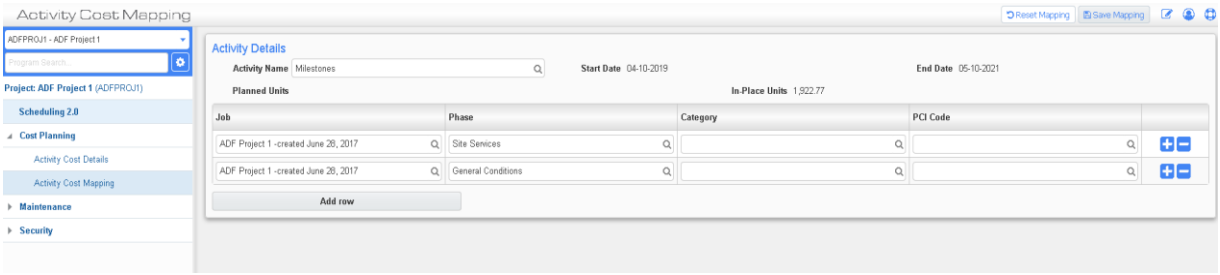
Activity Cost Mapping is used to map schedule activities to combinations of job, cost code, category, and WBS codes.

The units, hours, and amounts posted rolls into the Activity on the Activity Cost Details screen.

- An Activity can be mapped to a Cost Code
- Multiple Activities can be mapped to a single Cost Code
- An Activity can be mapped to multiple Cost Codes

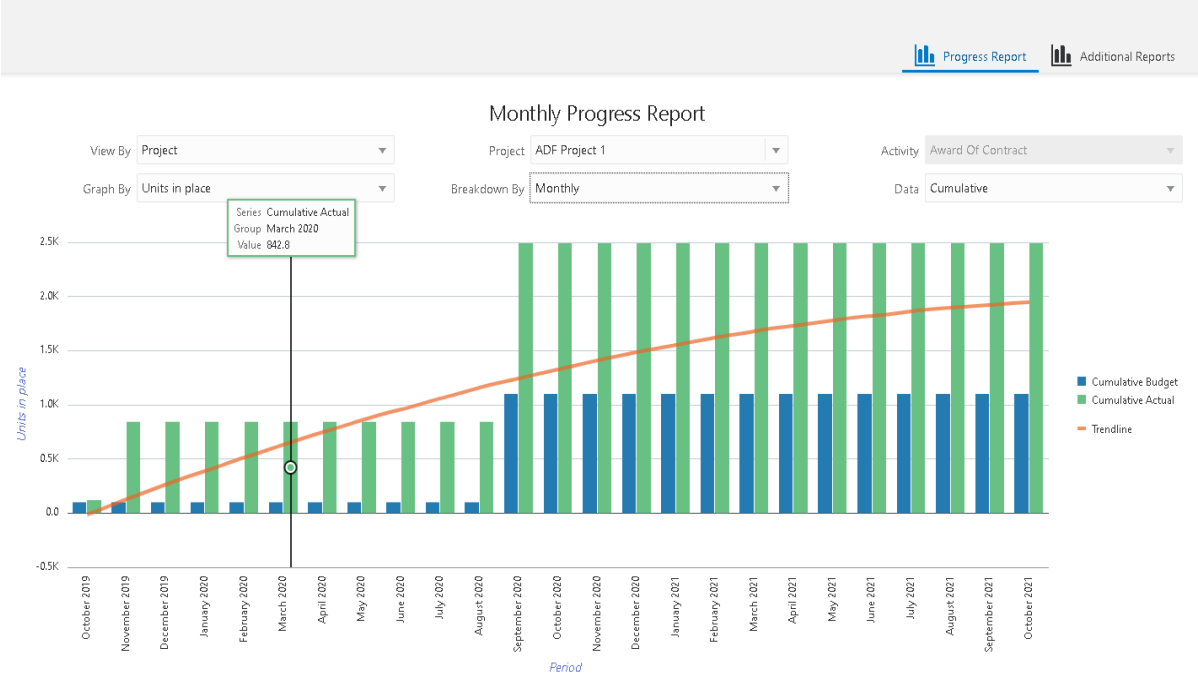
Examples:



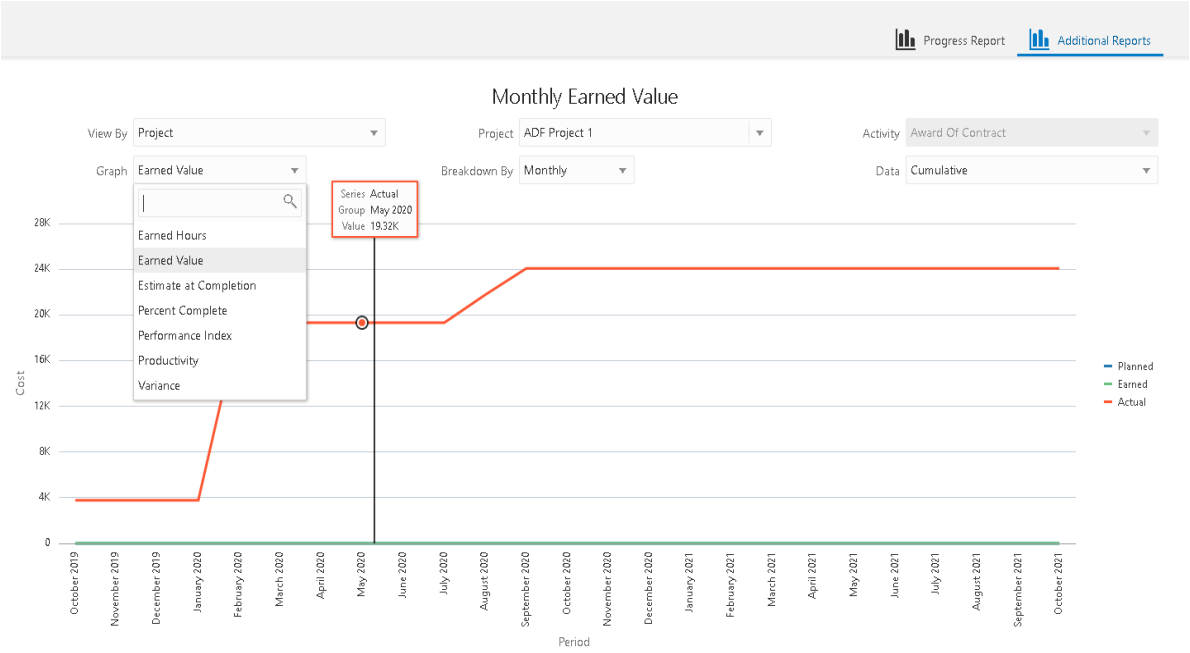


Report Samples

Progress Report



Additional Reports



Calculations

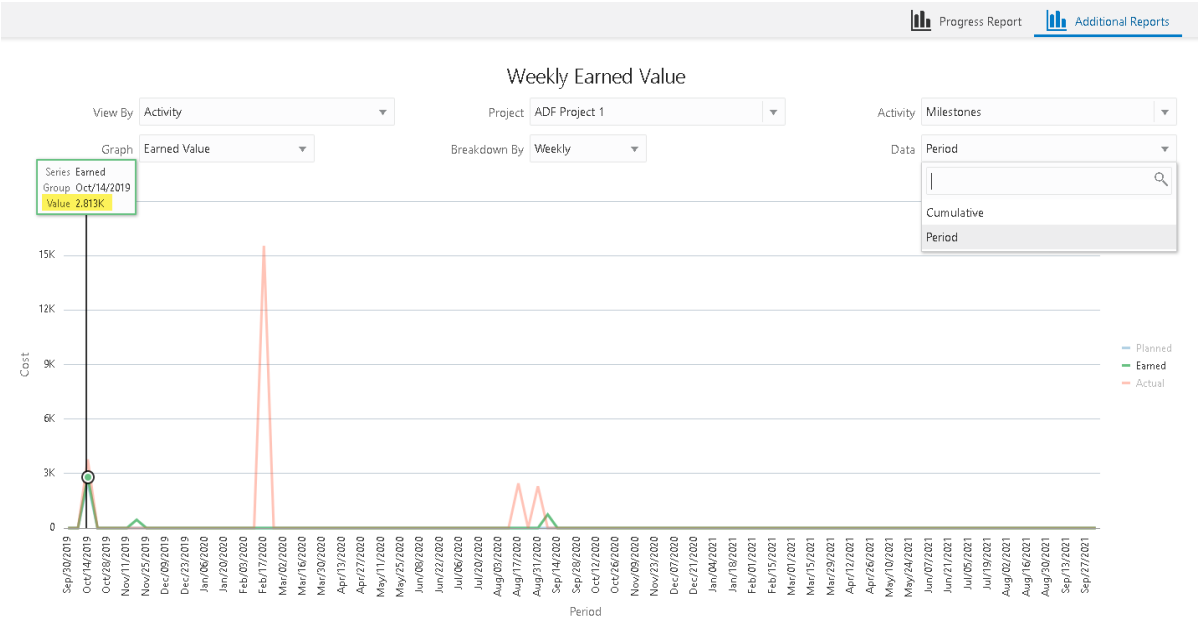
Example:

Currently for Week Oct 14-20, 2019 the graph shows:

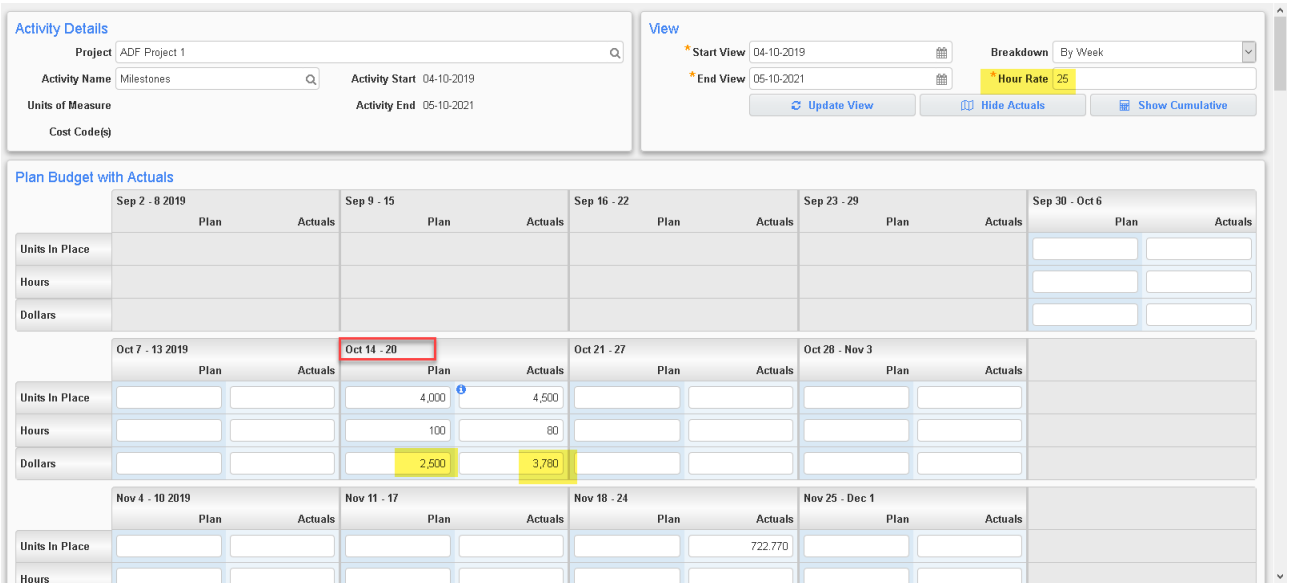
Earned = 2.813k

Actual = 3.780k

Planned = 2.500k



The calculation of the Earned Value is verified below:



*Total Budgeted Cost = Budgeted Output Units / Budgeted Productivity * Budget Input Rate*

TBC = 4000/100*25 = 1000

*Budget Cost of Work Performed = Current Output Units / Budgeted Productivity * Budget Input Rate*
BCWP = 4500/100*25 = 1125

*Actual Cost of Work Performed = Current Output Units / Current Productivity * Current Input Rate*
ACWP = 4500/80*25 = 1406.25

*Forecast = Forecast Output Units / Current Productivity * Current Input Rate*
Forecast = 4000/80*25 = 1250

Earned Value Percentage = Actual Cost of Work Performed / Forecast
EVP = 1406.25/1250 = 1.125

*Earned Revenue = Contract Amount * Earned Value Percentage*
EV = 2500*1.125 = 2812.5 = 2813 (rounded) = 2.813K

Subcontract Management

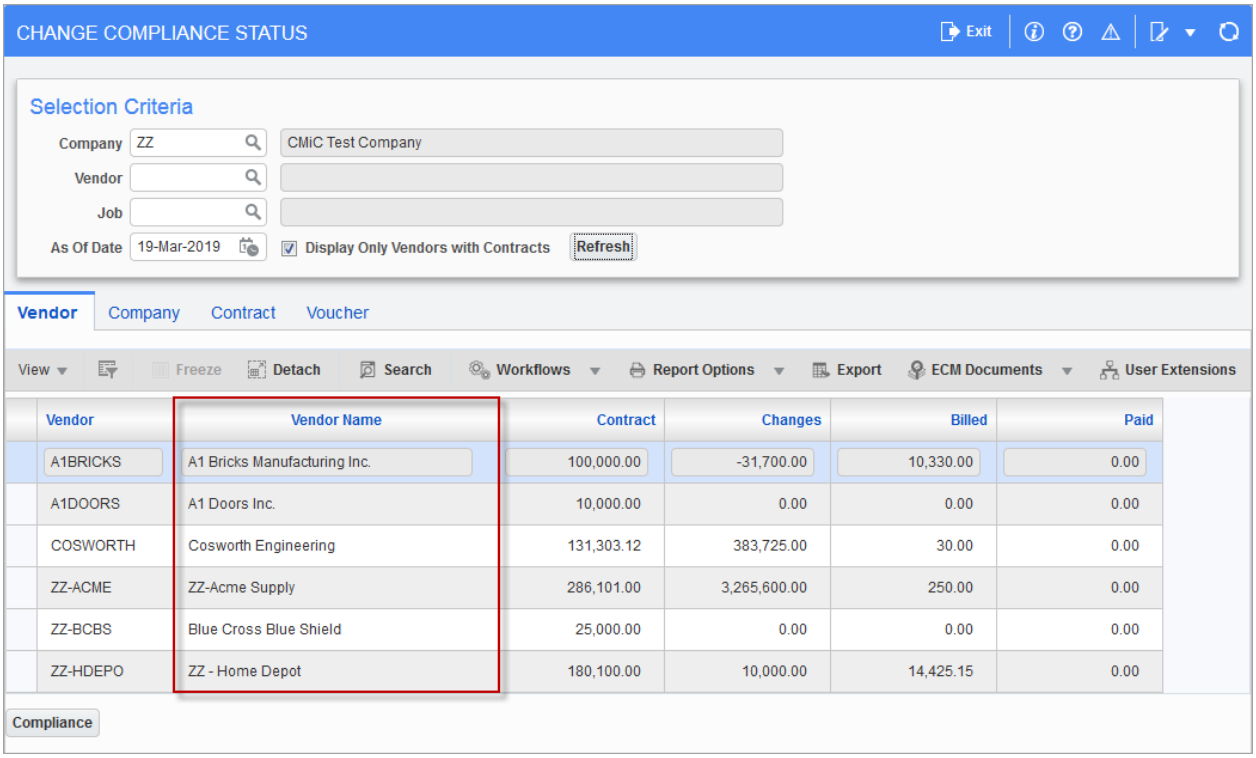
Add Column Vendor Name to Change Compliance Form (SCTABCOM) (15.12602)

Overview:

Change Compliance Status form is modified with addition of Vendor Name Column under each tab.

Modifications:

The Vendor Name column is added to each tab in SCTABCOM.FMX form. User can query the data based on vendor name. Vendor name column is added under every tab.

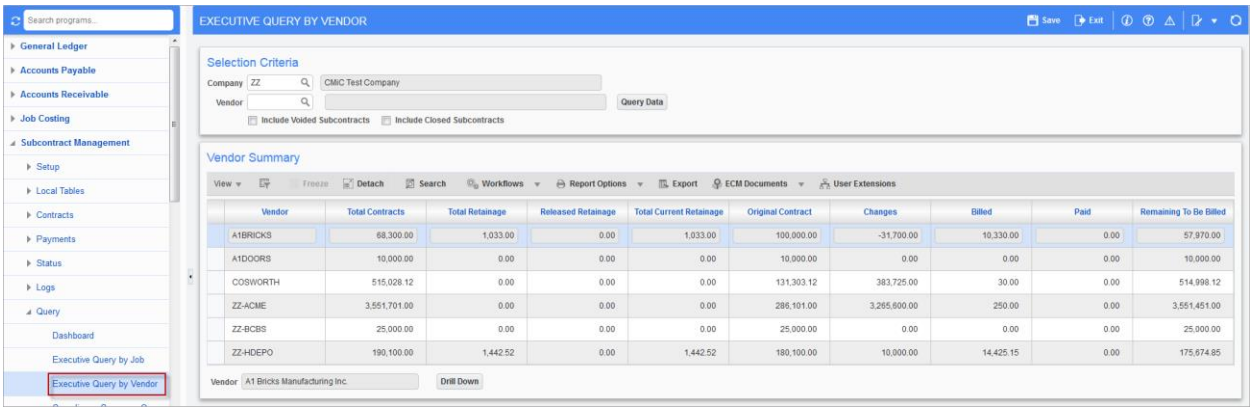


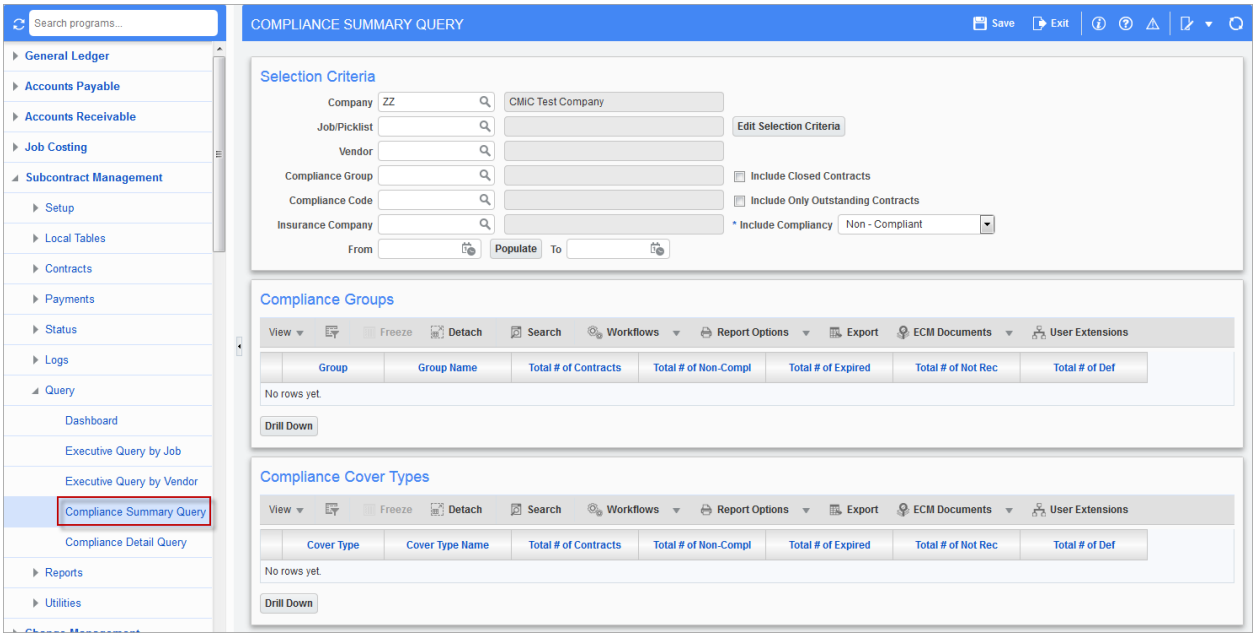
Subcontract Management>Status. Change Compliance Status

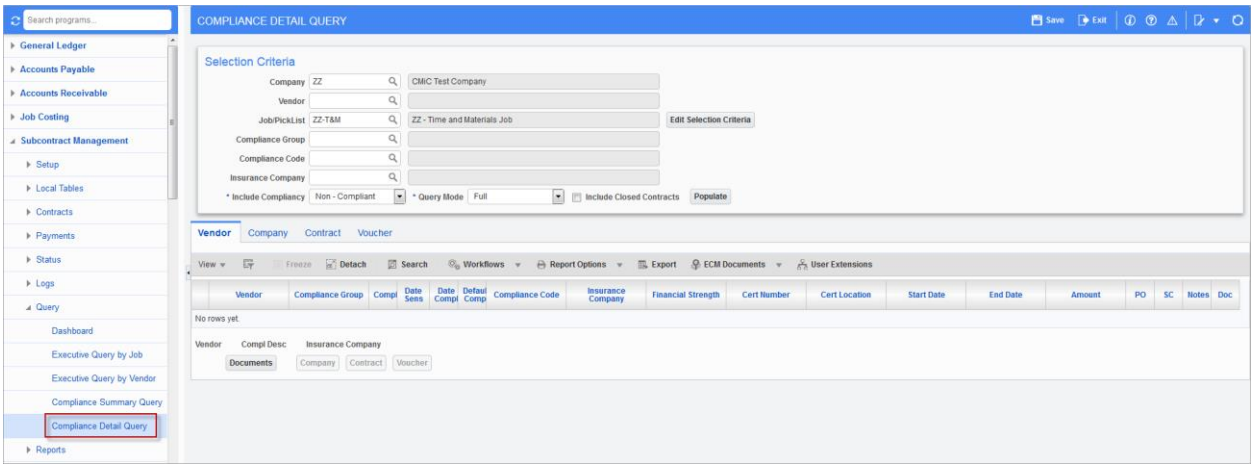
Subcontract Related Queries conversion into ADF (15.13413)

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



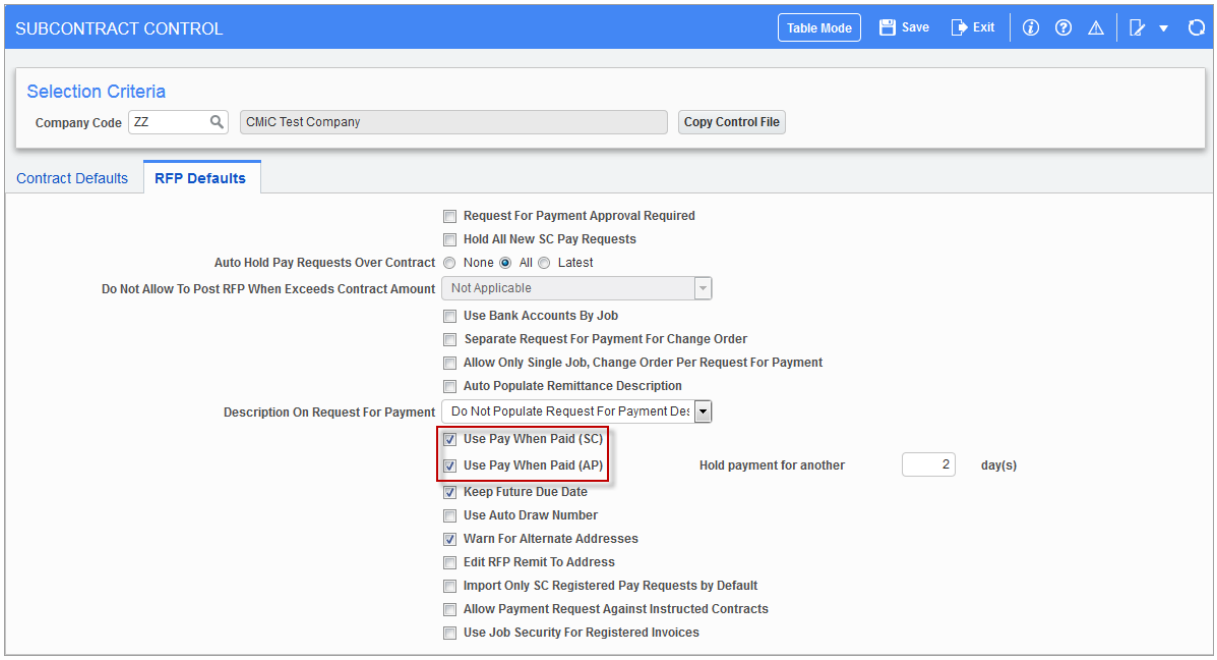




SC Control - PwP with 'Invoiced Via Accounts Payable' (14.94773)

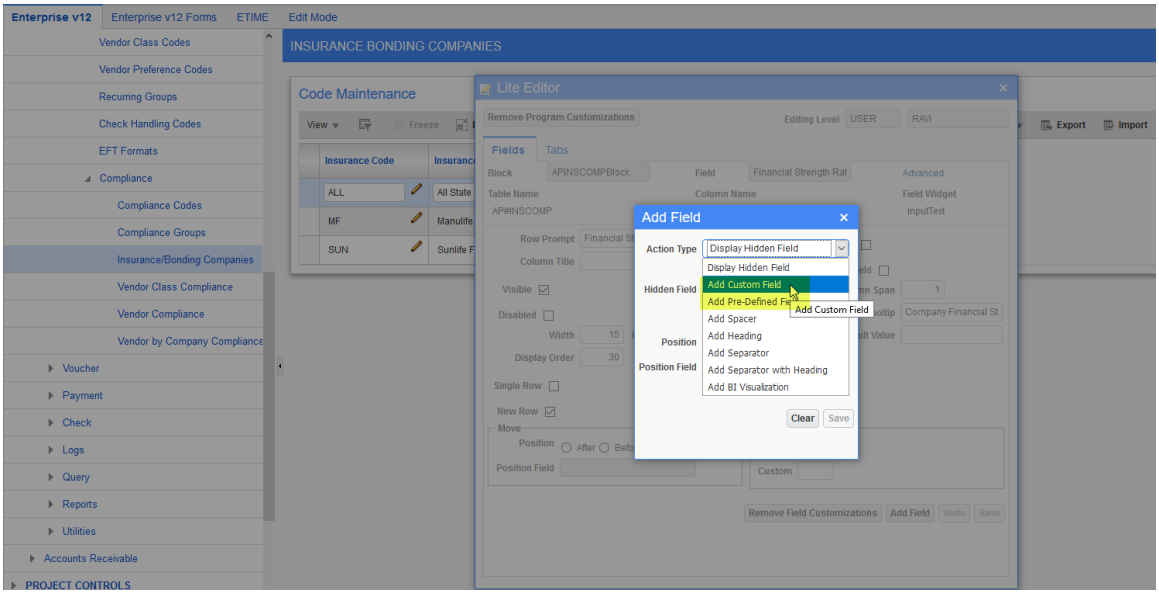
An enhancement has been made to ensure that the Pay When Paid (PwP) flag can remain checked when a subcontract is created and the user selects 'Invoiced via Accounts Payable'. Prior to this enhancement, the PwP flag was getting un-checked (after being previously checked in the SC Control as a default) if the user selected 'Invoiced Via Accounts Payable' when creating a subcontract.

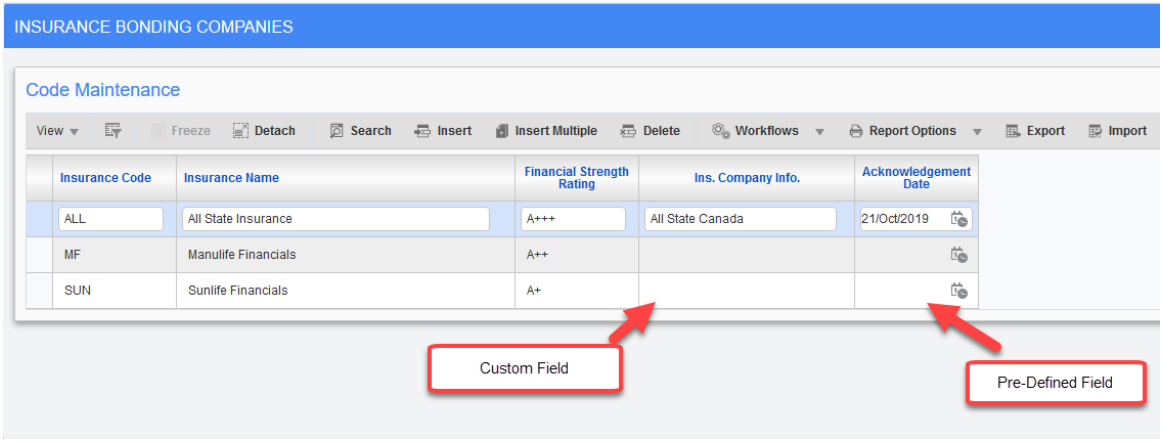
To achieve this, an additional checkbox has been introduced in the SC Control (FORMS and ADF), and the original checkbox has been re-labelled to distinguish the one used for SC and the one used for AP:



Insurance Bonding Companies – UE Fields (19.81491)

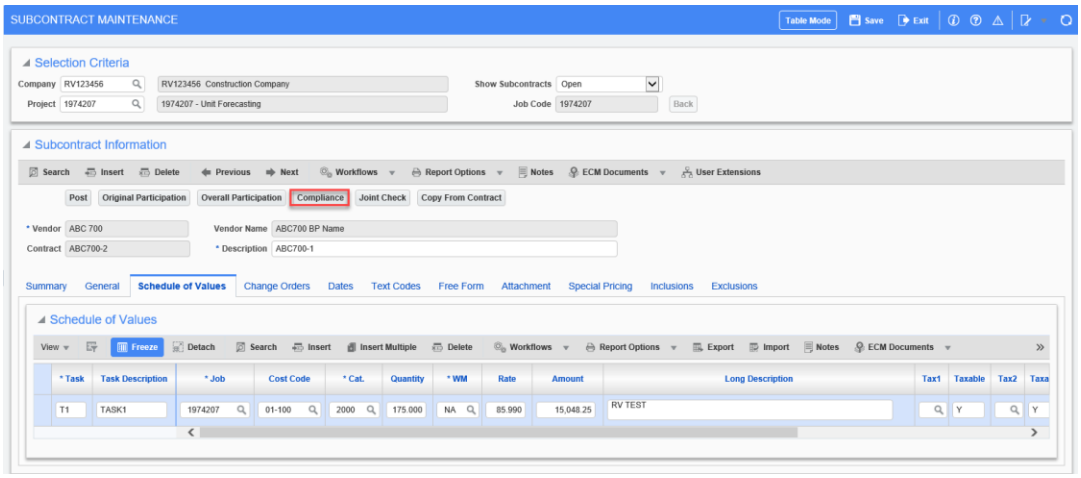
Enabled the ability to add custom or pre-defined fields (User Defined) to the Insurance/Bonding Companies Program.

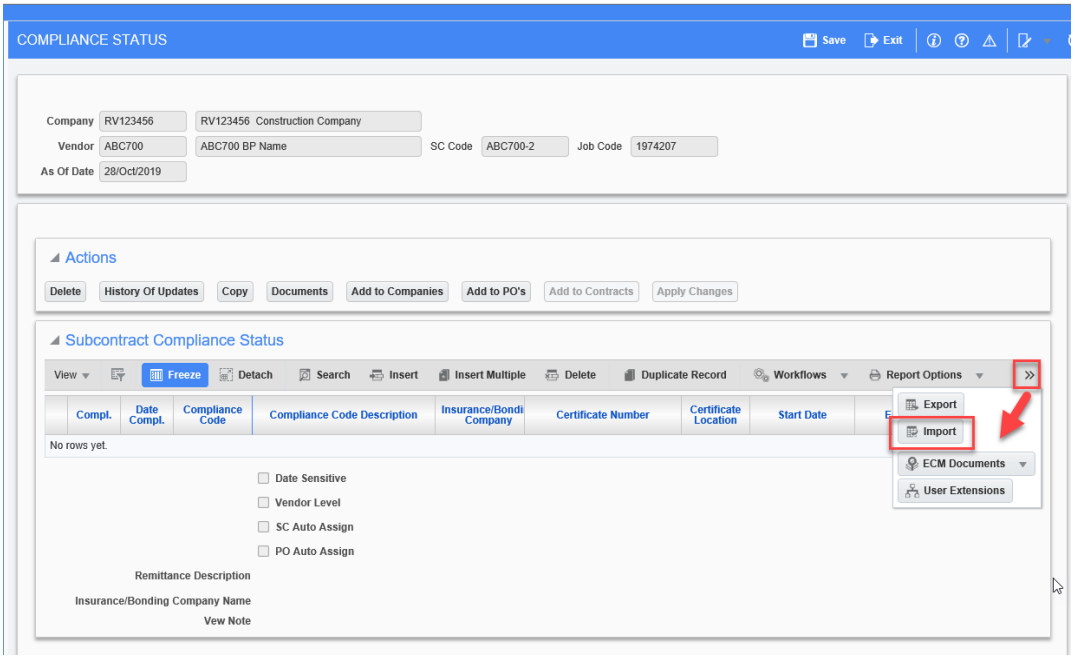


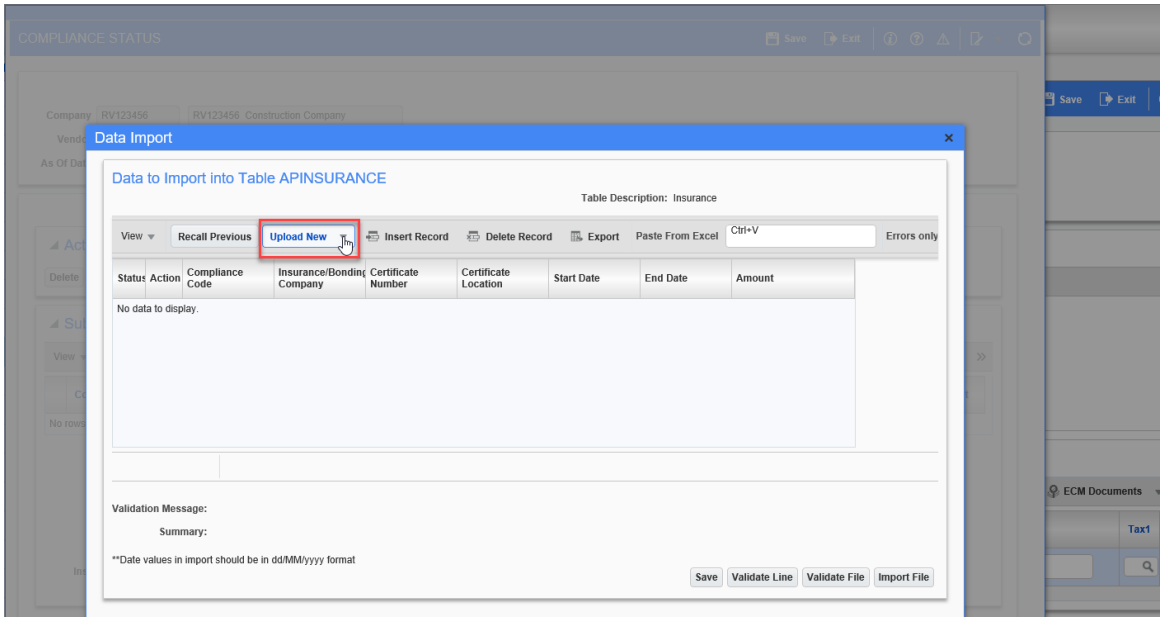


SC Compliance Import (18.64708)

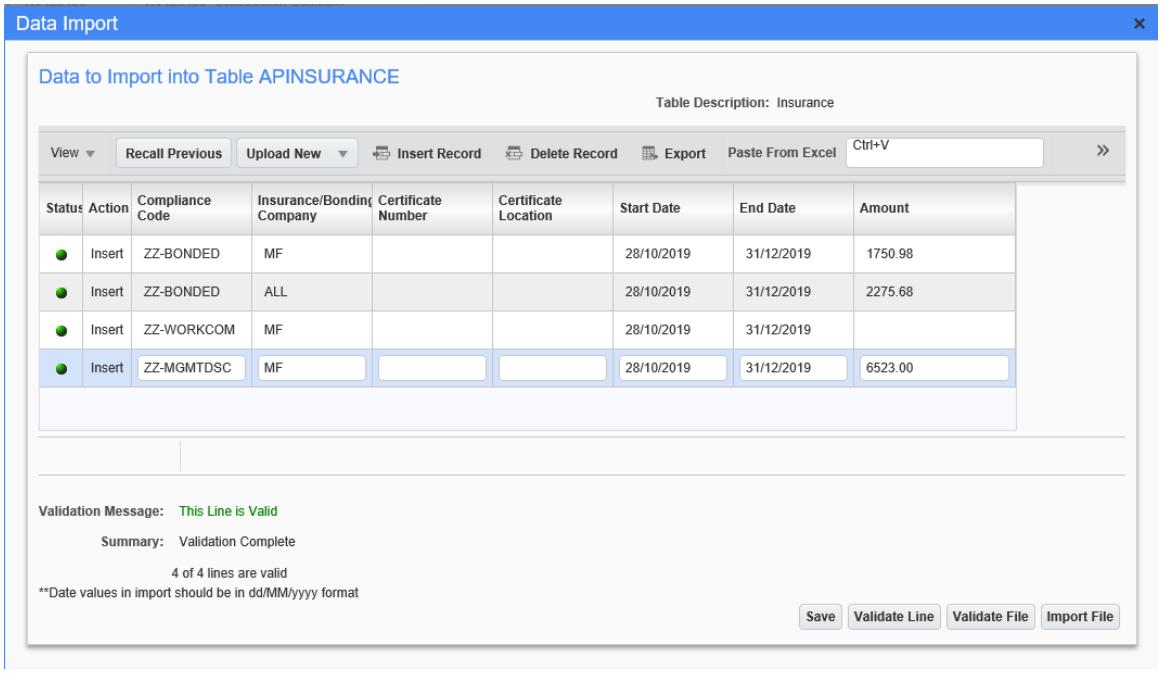
Added the ability to import Subcontract Compliance using the ‘Import’ tool button.


SUBCONTRACT MAINTENANCE
Table Mode
Save
Exit
Selection Criteria
Company RV123456
RV123456 Construction Company
Show Subcontracts Open
Project 1974207
1974207 - Unit Forecasting
Job Code 1974207
Back
Subcontract Information
Search
Insert
Delete
Previous
Next
Workflows
Report Options
Notes
ECM Documents
User Extensions
Post
Original Participation
Overall Participation
Compliance
Joint Check
Copy From Contract
* Vendor ABC 700
Vendor Name ABC700 BP Name
Contract ABC700-2
* Description ABC700-1
Summary
General
Schedule of Values
Change Orders
Dates
Text Codes
Free Form
Attachment
Special Pricing
Inclusions
Exclusions
Schedule of Values
View
Freeze
Detach
Search
Insert
Insert Multiple
Delete
Workflows
Report Options
Export
Import
Notes
ECM Documents
* Task
Task Description
* Job
Cost Code
* Cat.
Quantity
* WM
Rate
Amount
Long Description
Tax1
Taxable
Tax2
T1
TASK1
1974207
01-100
2000
175.000
NA
85.990
15,048.25
RV TEST
Y


COMPLIANCE STATUS
Save
Exit
Company RV123456
RV123456 Construction Company
Vendor ABC700
ABC700 BP Name
SC Code ABC700-2
Job Code 1974207
As Of Date 28/Oct/2019
Actions
Delete
History Of Updates
Copy
Documents
Add to Companies
Add to PO's
Add to Contracts
Apply Changes
Subcontract Compliance Status
View
Freeze
Detach
Search
Insert
Insert Multiple
Delete
Duplicate Record
Workflows
Report Options
Compl.
Date Compl.
Compliance Code
Compliance Code Description
Insurance/Bondi Company
Certificate Number
Certificate Location
Start Date
No rows yet.
Export
Import
ECM Documents
User Extensions
Date Sensitive
Vendor Level
SC Auto Assign
PO Auto Assign
Remittance Description
Insurance/Bonding Company Name
Vew Note

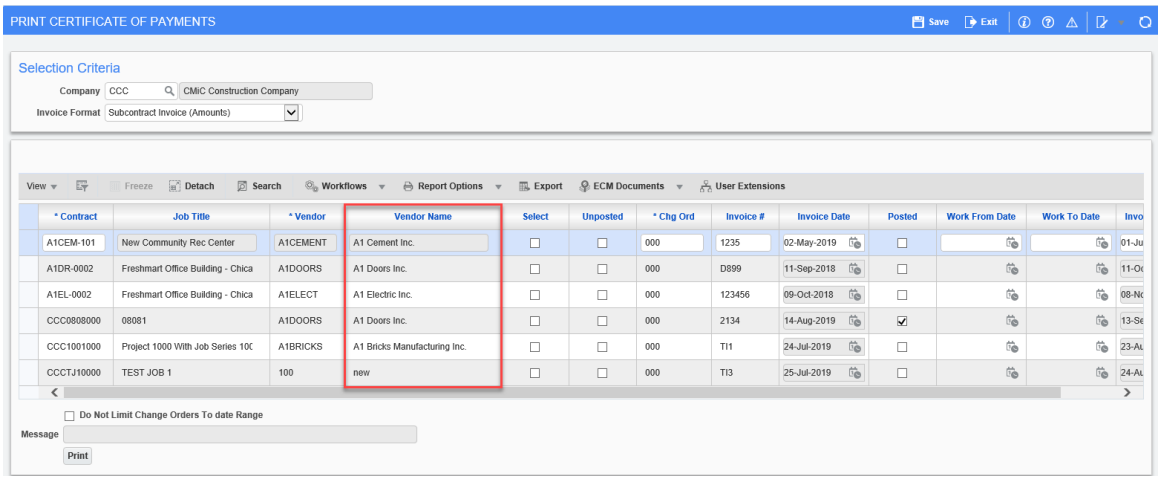


This is a Standard CMiC Import functionality as available in other programs, where users will be able to download a 'csv' template and then upload the file with data or copy/paste the data from MS Excel.



Print Certificate of Payment – Vendor Name Column (19.91829)

The Print Certificate of Payments program has been modified. A column 'Vendor name' has been added to the right-hand side of the 'Vendor Code' column. Users can reorder columns as per the CMIC standard program tools.



Subcontract Import Program (19.86361)

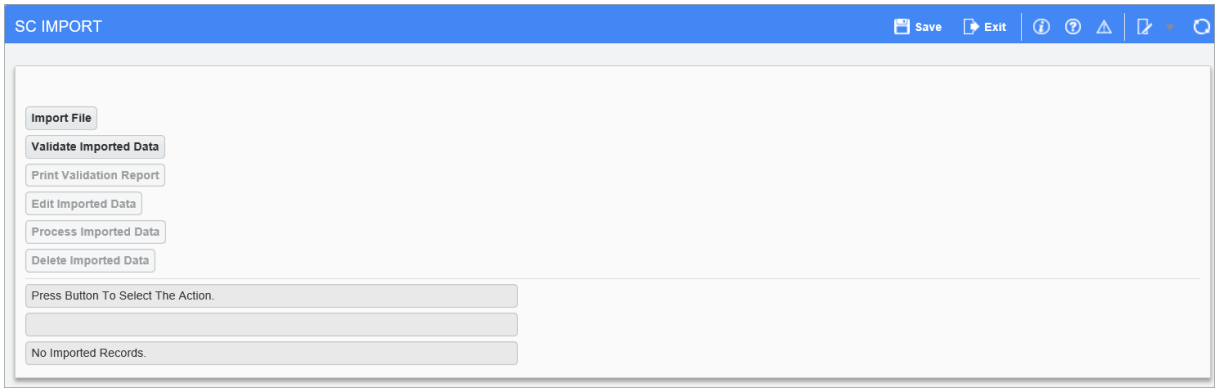
The program will read data from a txt or csv file and then will insert into import tables to validate the data. Once the data is validated then the data will be processed and inserted into tables SCMAST and SCDETAIL and then will be posted.

Import file: sc_import.ct

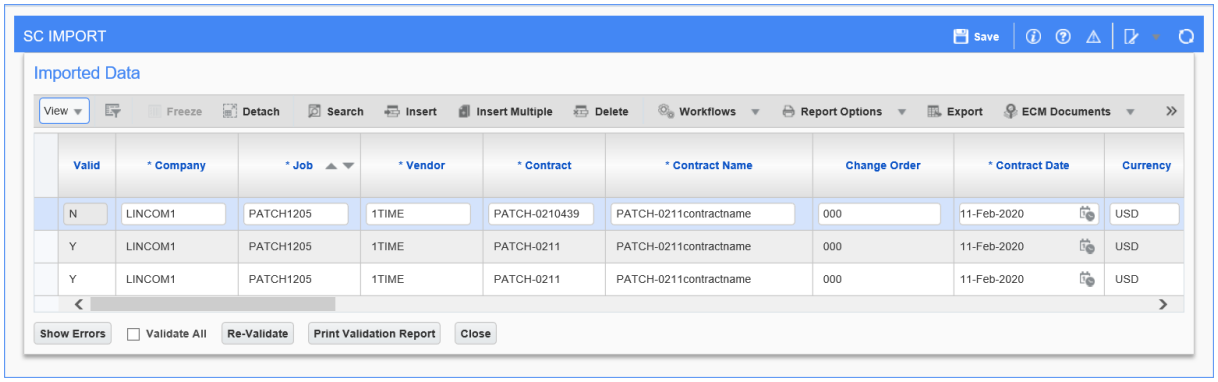
sc_import.ctl

```
LOAD DATA
APPEND
INTO TABLE DA.SC_IMPORT
FIELDS TERMINATED BY "," OPTIONALLY ENCLOSED BY '"'
(
SCI_SCMST_COMP_CODE
,SCI_SCMST_JOB_CODE
,SCI_SCMST_VEN_CODE
,SCI_SCMST_CONT_CODE
,SCI_SCMST_CHG_CODE
,SCI_SCMST_DATE
,SCI_SCMST_NAME
,SCI_SCMST_CURR_CODE
,SCI_SCMST_CURC_FACTOR_NUM
,SCI_SCMST_HLDBK_PCT
,SCI_SCMST_ALT_VEN_ADD_CODE
,SCI_SCMST_CONT_TYPE
,SCI_SCMST_START_DATE
,SCI_SCMST_END_DATE
,SCI_SCMST_TERM_CODE
,SCI_SCMST_JOB_CTRL_CODE
,SCI_SCSCH_COMP_CODE
,SCI_SCSCH_JOB_CODE
,SCI_SCSCH_VEN_CODE
,SCI_SCSCH_CONT_CODE
,SCI_SCSCH_CHG_CODE
,SCI_SCSCH_PHS_CODE
,SCI_SCSCH_CAT_CODE
,SCI_SCSCH_TASK_CODE
,SCI_SCSCH_TASK_NAME
,SCI_SCSCH_UNIT
,SCI_SCSCH_WM_CODE
,SCI_SCSCH_UNIT_RATE
,SCI_SCSCH_AMT
,SCI_SCSCH_TAX1_CODE
,SCI_SCSCH_TAX2_CODE
,SCI_SCSCH_TAX3_CODE
,SCI_SCSCH_HLDBK_PCT
,SCI_SCSCH_LONG_DESC
,SCI_SCSCH_TAX1_TAXABLE_FLAG
,SCI_SCSCH_TAX2_TAXABLE_FLAG
,SCI_SCSCH_TAX3_TAXABLE_FLAG
,SCI_SCSCH_FULLY_PURCHASED_FLAG
)
```

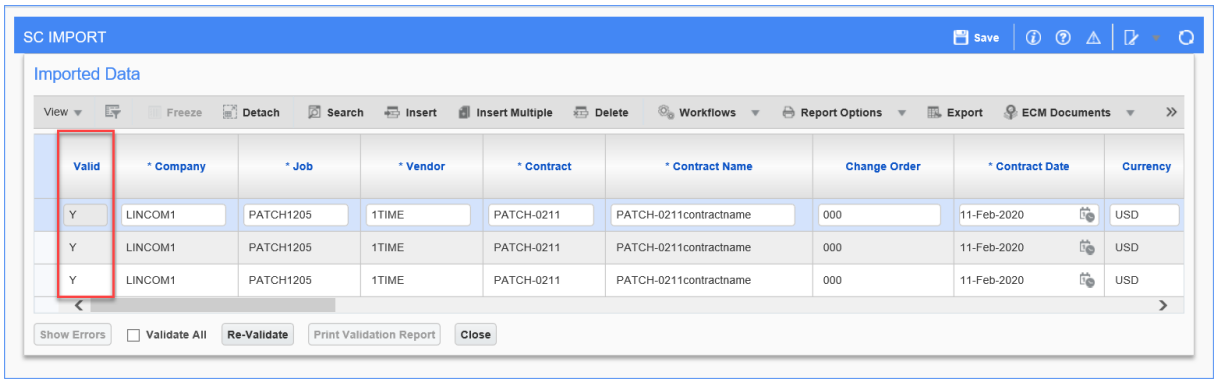
Subcontract Import



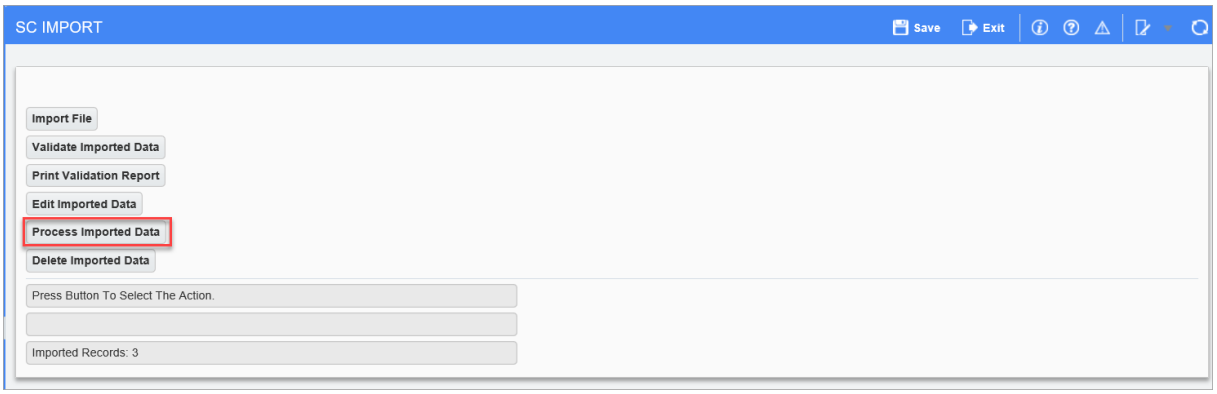
You can click on the “Edit Imported Data” button to review the data and correct if needed:



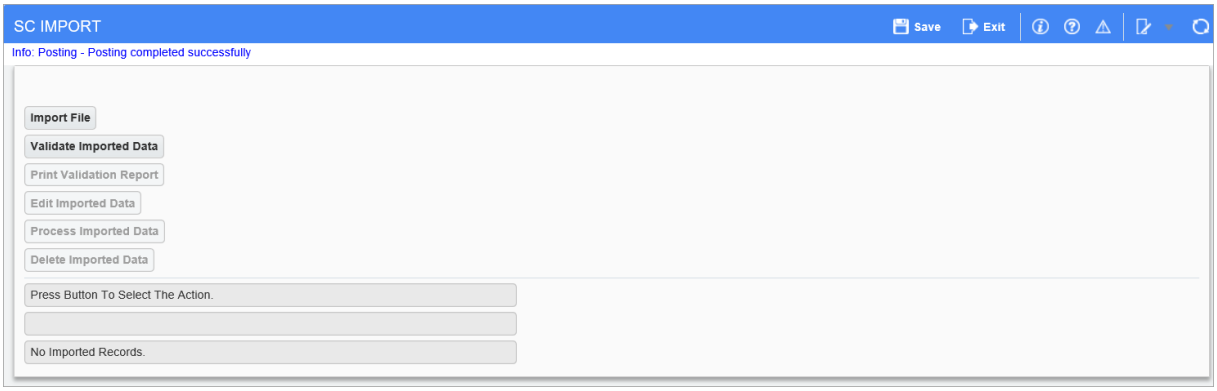
Once data is corrected then press on “Re-Validate” button to re validate a specific record or click on “Validate All” flag and then “Re-Validate” button to re validate all records. The Valid field must be Y if the data is correct:



Close the Imported Data pop-up and then click on “Process Imported Data” button to import the valid Subcontracts:



If all records were imported successfully and posted successfully then a message in blue will appear on the screen.



Please note the following:

1. Auto numbering for the contract cannot be used. Contract must be provided in the import file.

2. Completed amount and current amount will always be 0. Because there is no supporting document to set them up.

3. Cannot import subcontract linked to PCI. Subcontract imported not created through change order.

4. The import file has fields from SCMAST and SOV. Import support one file only.

5. The utility will have (Import, Validate and Post).

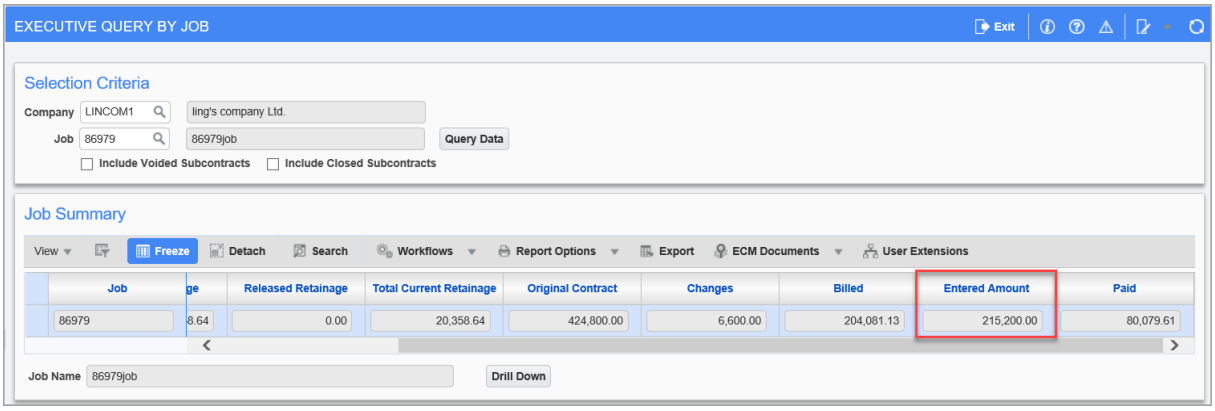
6. Completed amount, current amount, % of completion cannot be imported.

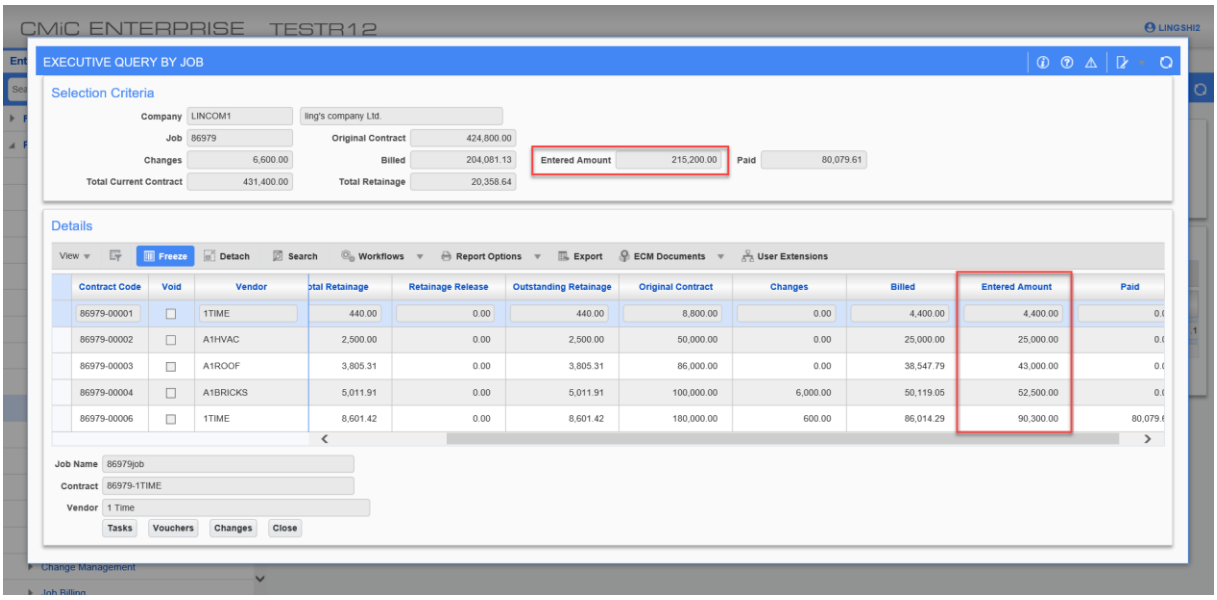
7. This work order excludes the following items: Reports, Workflows, Data Conversion.

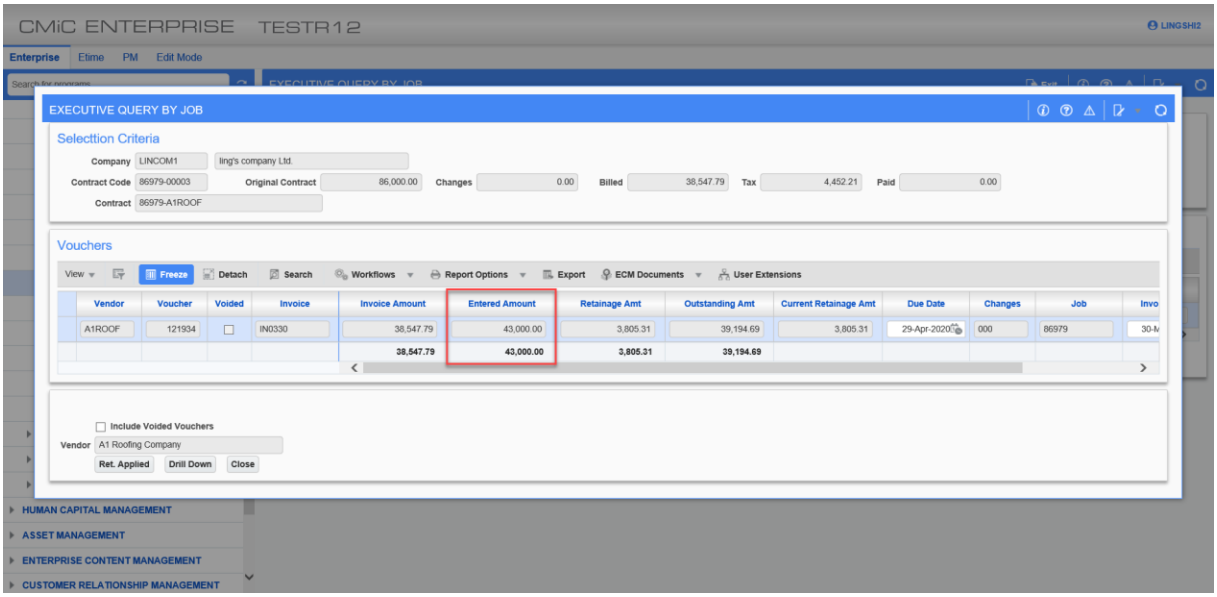
Add a Column “Entered Amount” to SC Queries (19.86979)

Added column “Entered Amount” to the following programs:

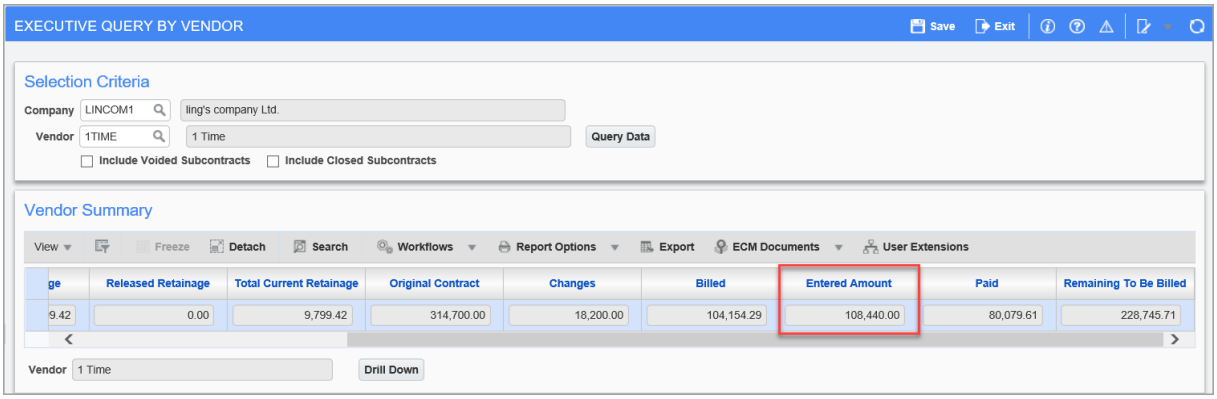
Subcontract Executive Query by Job (SCEXQRYJ)

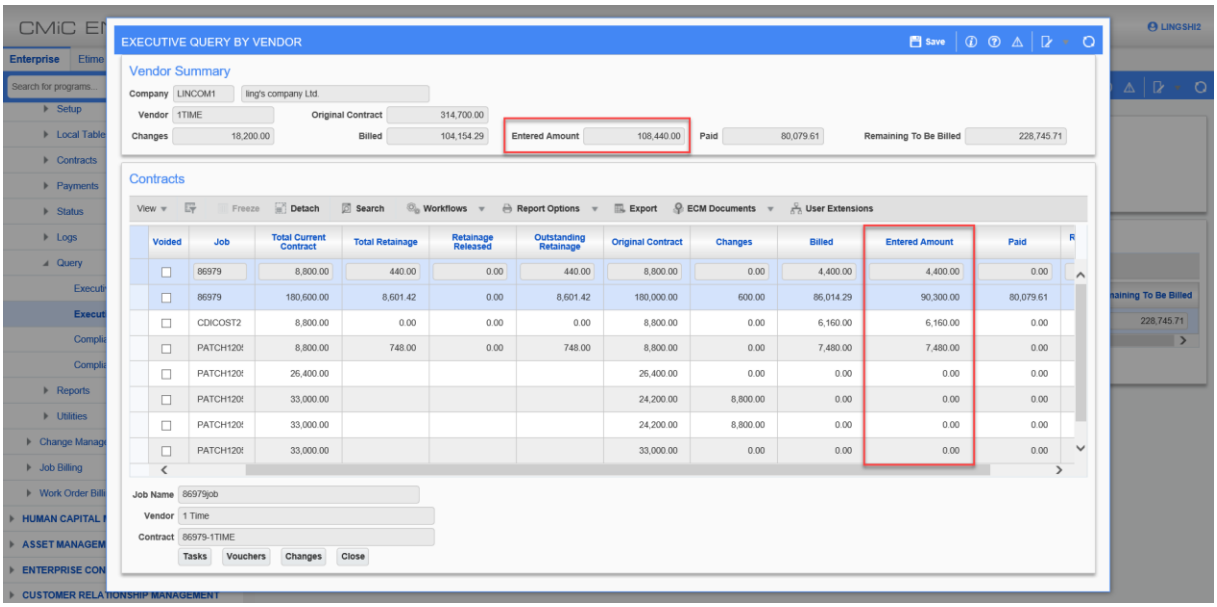

EXECUTIVE QUERY BY JOB
Exit
Selection Criteria
Company LINCOM1
ling's company Ltd.
Job 86979
86979job
Query Data
Include Voided Subcontracts
Include Closed Subcontracts
Job Summary
View
Freeze
Detach
Search
Workflows
Report Options
Export
ECM Documents
User Extensions
Job
Released Retainage
Total Current Retainage
Original Contract
Changes
Billed
Entered Amount
Paid
86979
8.64
0.00
20,358.64
424,800.00
6,600.00
204,081.13
215,200.00
80,079.61
Job Name 86979job
Drill Down

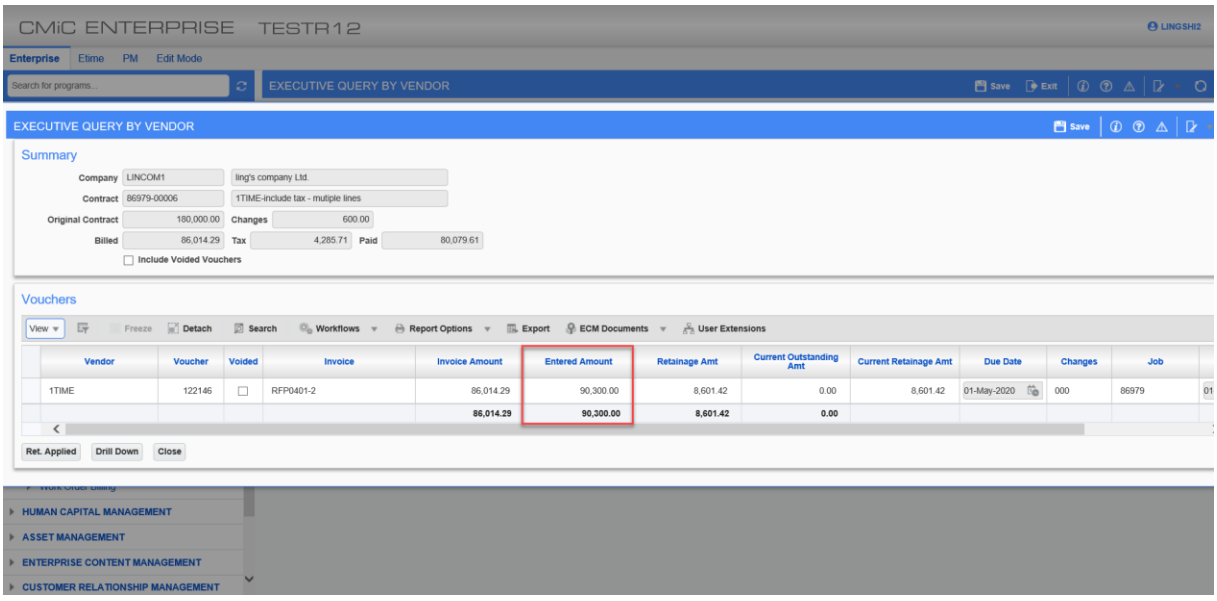

CMiC ENTERPRISE TESTR12
LINGSHI2
EXECUTIVE QUERY BY JOB
Selection Criteria
Company LINCOM1
ling's company Ltd.
Job 86979
Original Contract 424,800.00
Changes 6,600.00
Billed 204,081.13
Entered Amount 215,200.00
Paid 80,079.61
Total Current Contract 431,400.00
Total Retainage 20,358.64
Details
Freeze
Detach
Search
Workflows
Report Options
Export
ECM Documents
User Extensions
Contract Code
Void
Vendor
Retainage
Retainage Release
Outstanding Retainage
Original Contract
Changes
Billed
Entered Amount
Paid
86979-00001 1TIME 440.00 0.00 440.00 8,800.00 0.00 4,400.00 4,400.00
86979-00002 A1HVAC 2,500.00 0.00 2,500.00 50,000.00 0.00 25,000.00 25,000.00
86979-00003 A1ROOF 3,805.31 0.00 3,805.31 86,000.00 0.00 38,547.79 43,000.00
86979-00004 A1BRICKS 5,011.91 0.00 5,011.91 100,000.00 6,000.00 50,119.05 52,500.00
86979-00006 1TIME 8,601.42 0.00 8,601.42 180,000.00 600.00 86,014.29 90,300.00
Job Name 86979job
Contract 86979-1TIME
Vendor 1 Time
Tasks
Vouchers
Changes
Close


CMiC ENTERPRISE TESTR12
LINGSHI2
Enterprise
Etime
PM
Edit Mode
EXECUTIVE QUERY BY JOB
Selecttion Criteria
Company LINCOM1
ling's company Ltd.
Contract Code 86979-00003
Original Contract 86,000.00
Changes 0.00
Billed 38,547.79
Tax 4,452.21
Paid 0.00
Contract 86979-A1ROOF
Vouchers
Freeze
Detach
Search
Workflows
Report Options
Export
ECM Documents
User Extensions
Vendor
Voucher
Voided
Invoice
Invoice Amount
Entered Amount
Retainage Amt
Outstanding Amt
Current Retainage Amt
Due Date
Changes
Job
A1ROOF 121934 IN0330 38,547.79 43,000.00 3,805.31 39,194.69 3,805.31 29-Apr-2020 000 86979
38,547.79 43,000.00 3,805.31 39,194.69
Include Voided Vouchers
Vendor A1 Roofing Company
Ret. Applied
Drill Down
Close
HUMAN CAPITAL MANAGEMENT
ASSET MANAGEMENT
ENTERPRISE CONTENT MANAGEMENT
CUSTOMER RELATIONSHIP MANAGEMENT

Subcontract Executive Query by Vendor (SCEXQRYV)



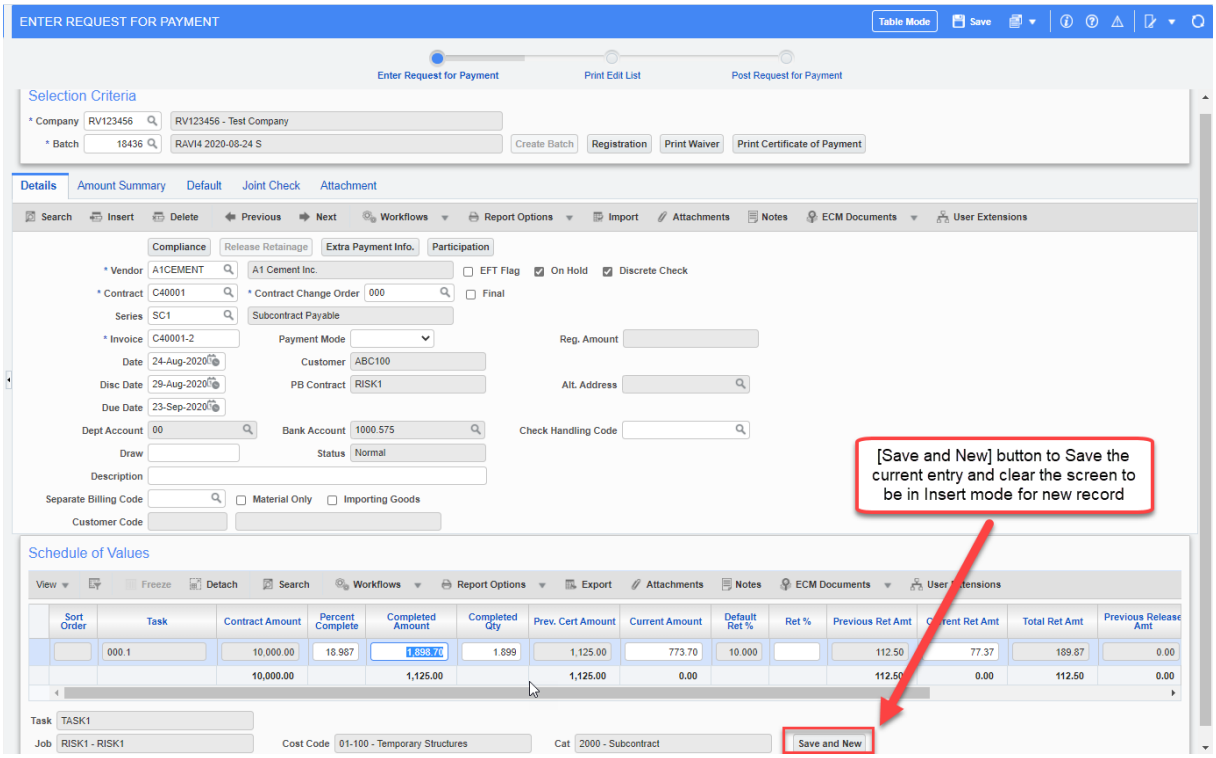




Pay Request Entry – Save and New Button (18.66928)

Added [**Save and New**] button to the request For Payment Entry program.

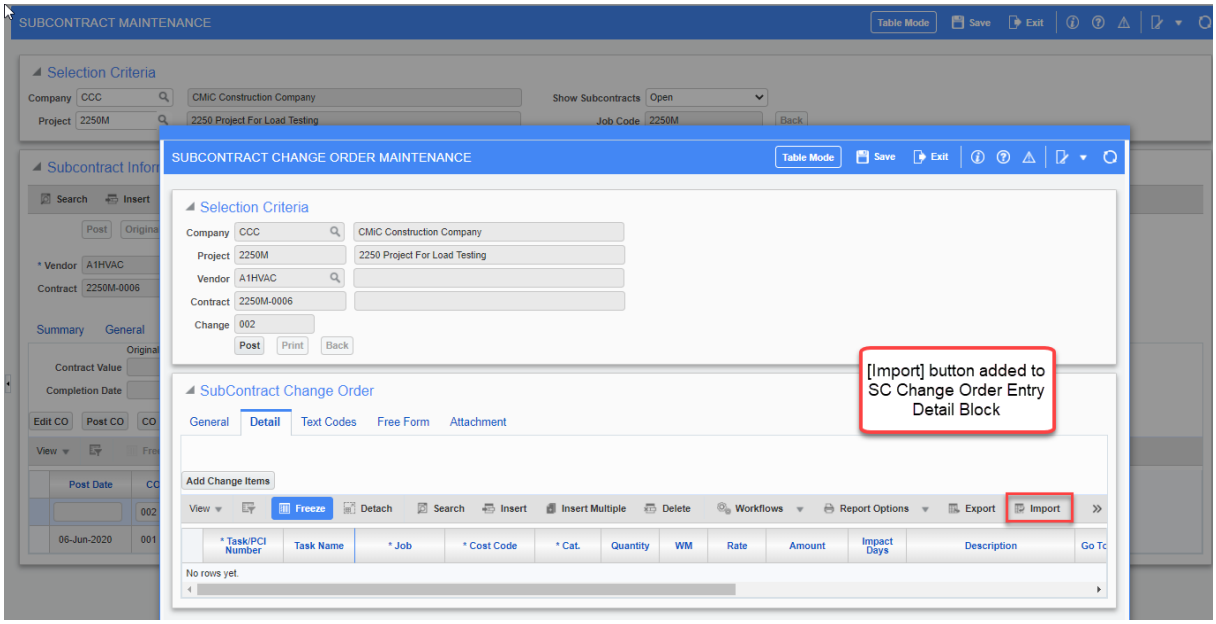
Similar to the Voucher Entry screen, the Pay Request Entry is added with a [**Save and New**] button, which saves the record and then clears the screen for insert mode for a creating a new record.



Subcontract > Payments > Enter Request For Payment

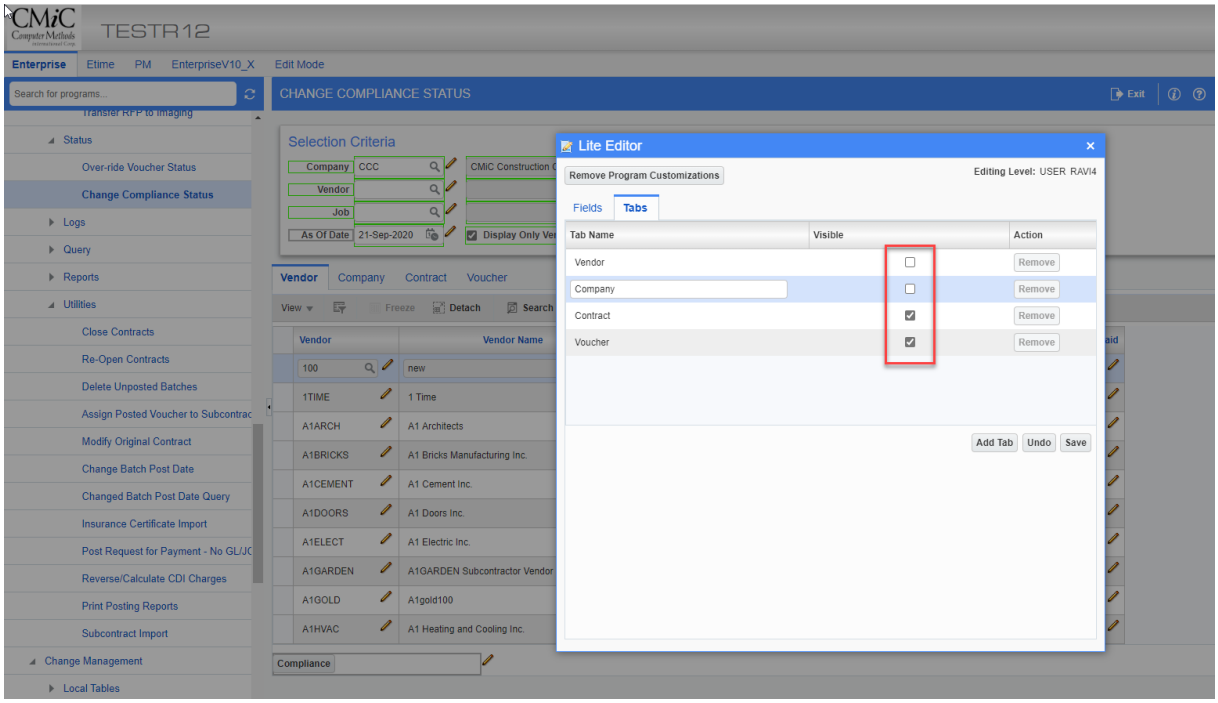
Change Order Entry > Import Button Added (19.80821)

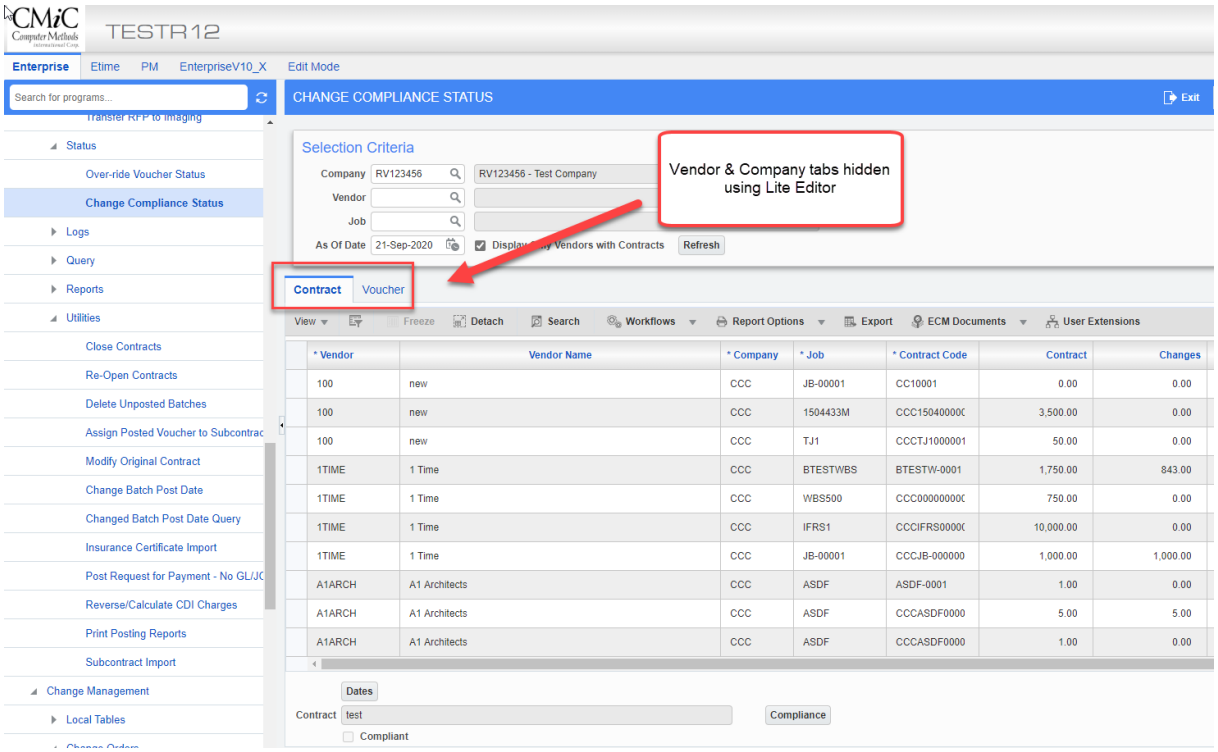
Added [**Import**] button to the SC Change Order Detail Block.



Change Compliance Status – Ability to Hide Tabs (20.30292)

Added the ability to hide the tabs in Change Compliance Status screen using Lite Editor.

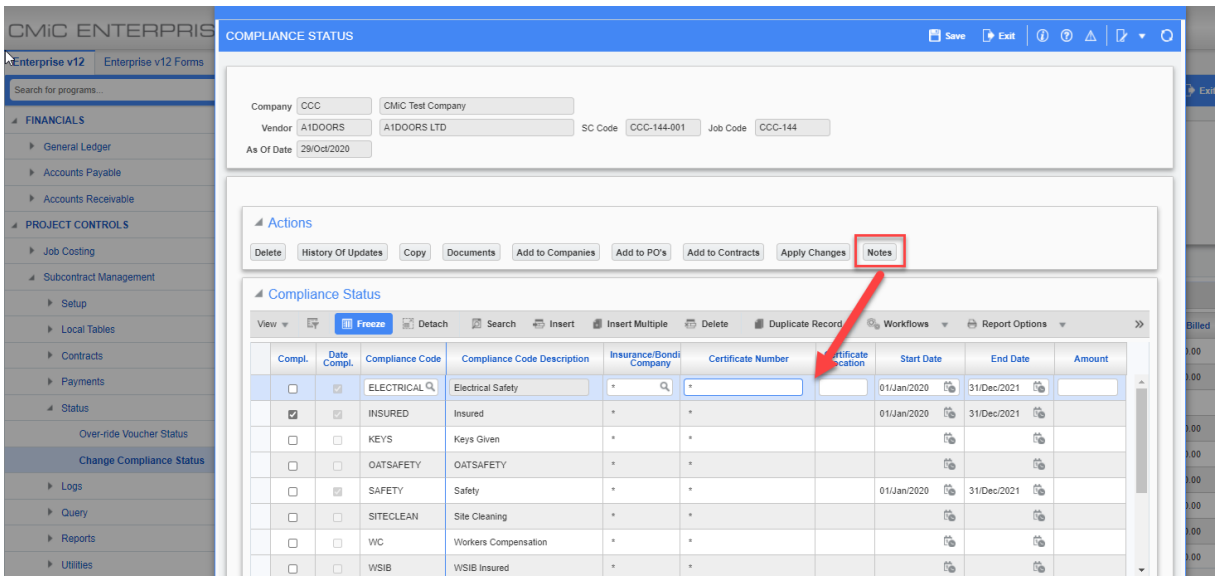




Compliance Pop-Up – Added Notes Button (20.29196)

Added [**Notes**] button to Compliance pop-up screen (INSINFO). Users may click on any compliance record in the details block and add notes as a CMiC standard Notes functionality.

The program can be called from either AP or SC applications and all these calls will have this Notes button.



Print Certificate of Payment (SC320_3) (19.90687)

Added the ability to reprint the certificate of Payment report SC320, once the RFP is posted.

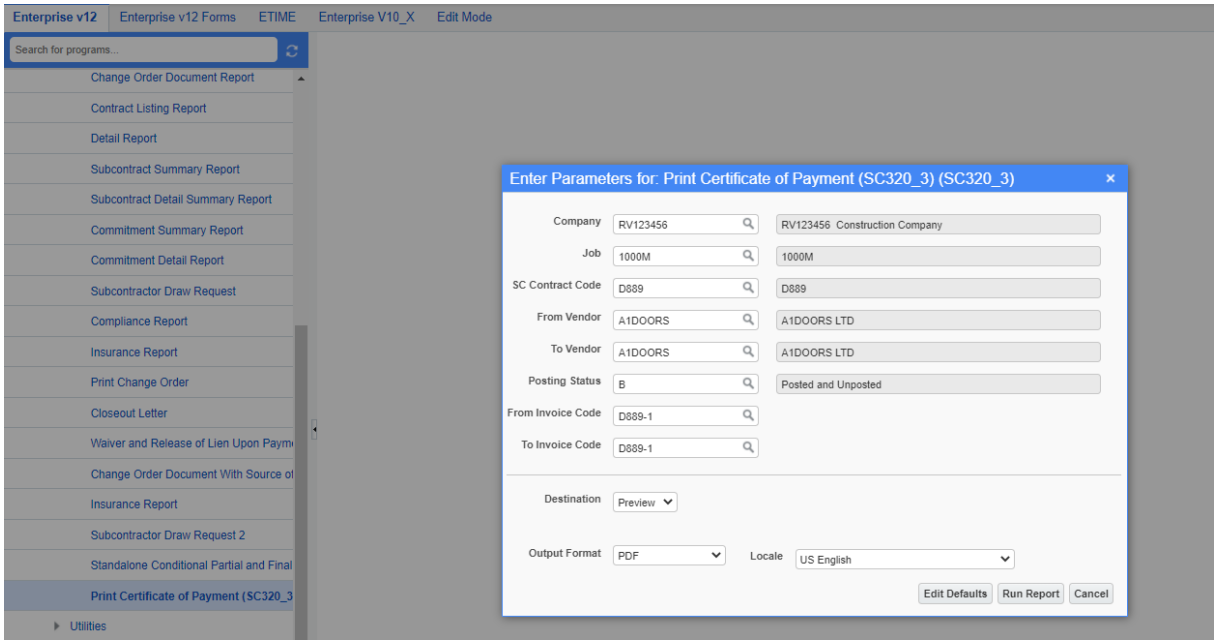
This allows users to re-print the reports after RFPs are posted, if required for backup.

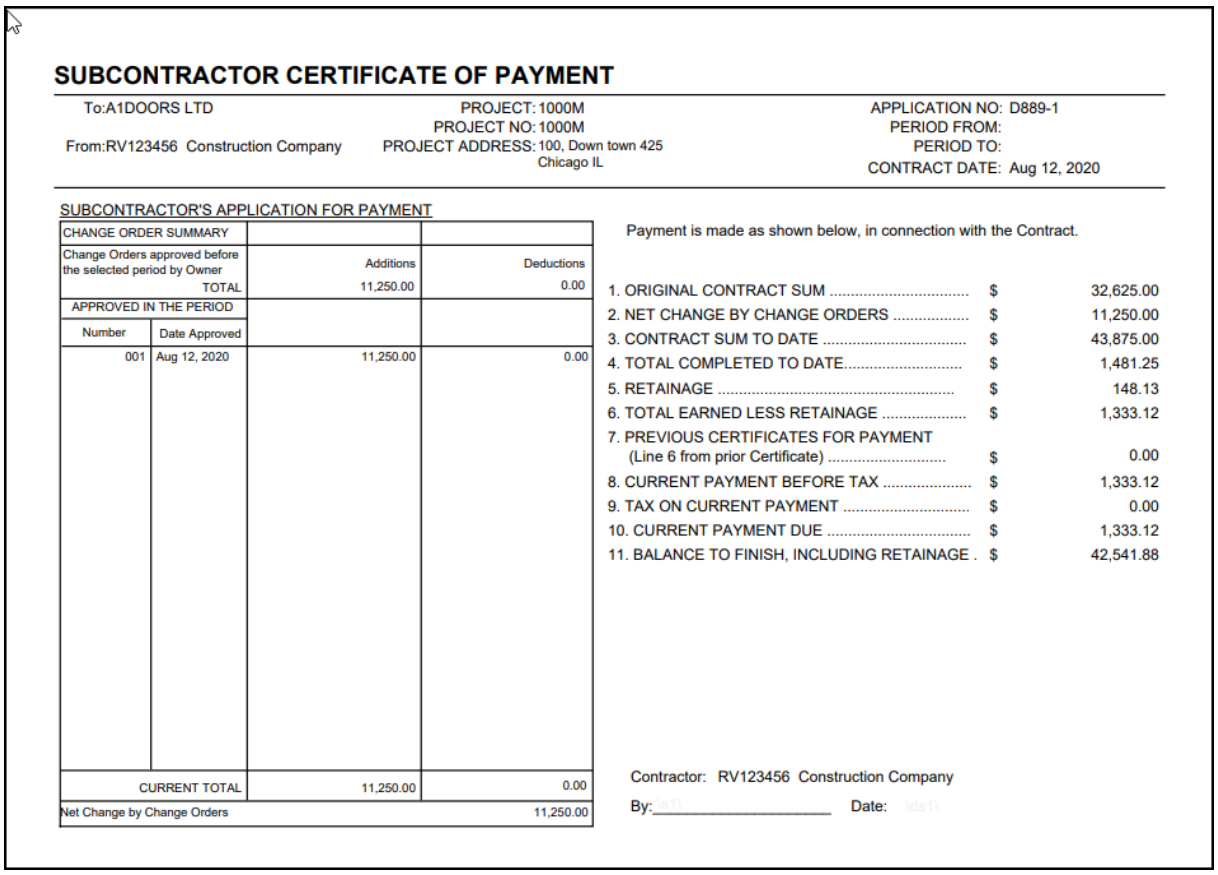
Modifications:

Created a new Report SC320_3 based on SC320 (Certificate of Payment) Report. This report will run as standalone and not from the Print Certificate Payment Screen. The Report parameters as follows:

- Company
- Job
- SC Contract Code
- From Vendor
- To Vendor
- Posting Status: Posted, Unposted or Both
- From Invoice Code
- To Invoice Code

The report will print the same columns as in the existing Print Certificate of Payment SC320, but the data is based on the selected invoice(s) regardless of newer invoices (RFPs).





SUBCONTRACTOR CERTIFICATE OF PAYMENT

To:A1DOORS LTD
From:RV123456 Construction Company

PROJECT: 1000M
PROJECT NO: 1000M
PROJECT ADDRESS: 100, Down town 425 Chicago IL

APPLICATION NO: D889-1
PERIOD FROM:
PERIOD TO:
CONTRACT DATE: Aug 12, 2020

SUBCONTRACTOR'S APPLICATION FOR PAYMENT

CHANGE ORDER SUMMARY			
Change Orders approved before the selected period by Owner		Additions	Deductions
TOTAL		11,250.00	0.00
APPROVED IN THE PERIOD			
Number	Date Approved		
001	Aug 12, 2020	11,250.00	0.00
CURRENT TOTAL		11,250.00	0.00
Net Change by Change Orders			11,250.00

Payment is made as shown below, in connection with the Contract.

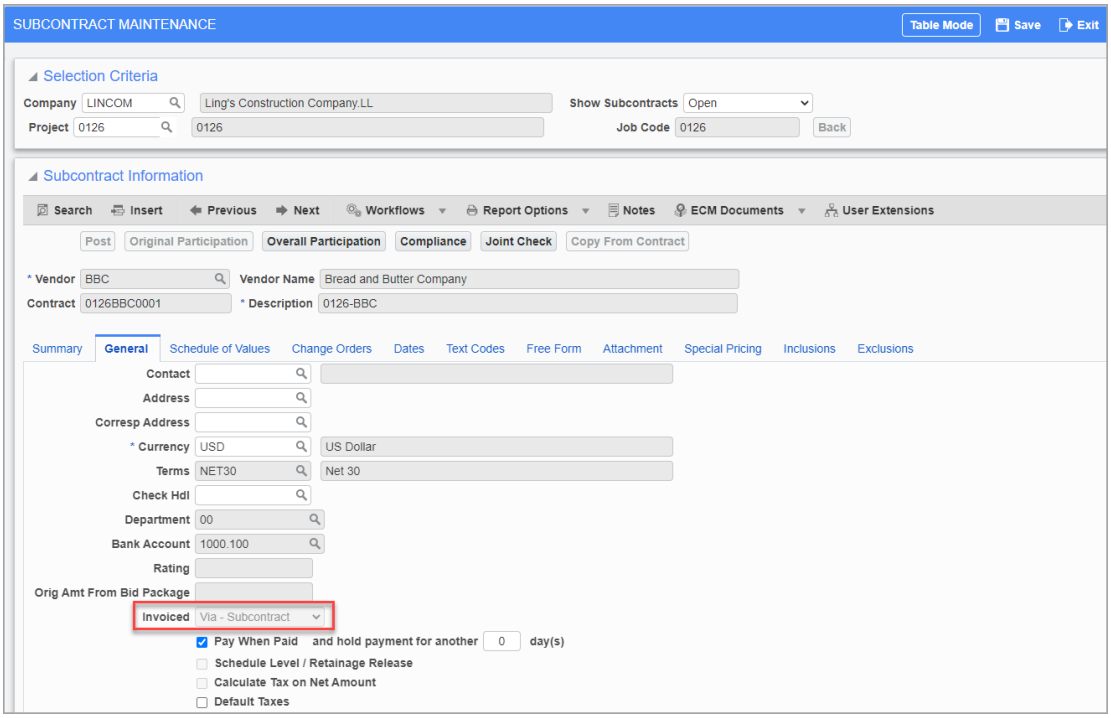
1. ORIGINAL CONTRACT SUM	$	32,625.00
2. NET CHANGE BY CHANGE ORDERS	$	11,250.00
3. CONTRACT SUM TO DATE	$	43,875.00
4. TOTAL COMPLETED TO DATE	$	1,481.25
5. RETAINAGE	$	148.13
6. TOTAL EARNED LESS RETAINAGE	$	1,333.12
7. PREVIOUS CERTIFICATES FOR PAYMENT (Line 6 from prior Certificate)	$	0.00
8. CURRENT PAYMENT BEFORE TAX	$	1,333.12
9. TAX ON CURRENT PAYMENT	$	0.00
10. CURRENT PAYMENT DUE	$	1,333.12
11. BALANCE TO FINISH, INCLUDING RETAINAGE	$	42,541.88

Contractor: RV123456 Construction Company
By:_____ Date:

Creation of Stored Materials in RFP Screen (19.86625)

The feature is to incorporate and process Stored Material information when entering Request for Payments. Stored Materials allows subcontractor to bill for an amount of material that is not yet used on the project.

Material Stored Is Only Applicable to Subcontracts Invoiced via SC.



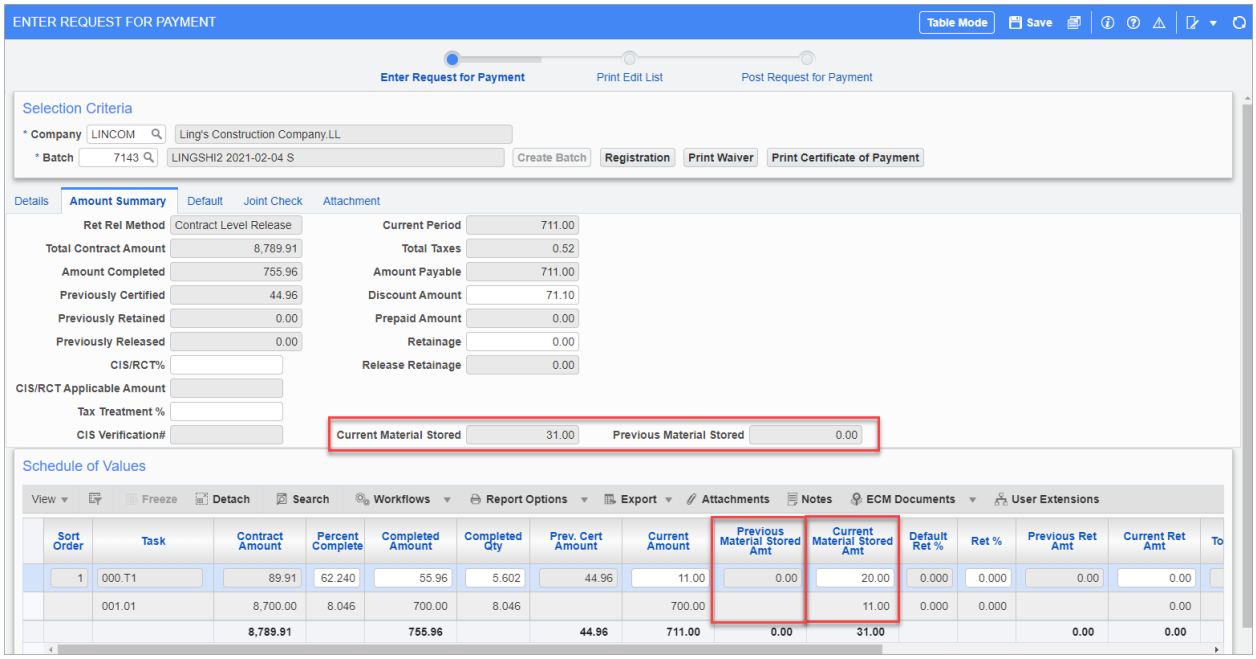
Modifications

1. Enter Request for Payments (SCPAYREQ):

The following new columns have been added to ‘Request for Payments’ screen in SOV detail and Amount Summary Tab:

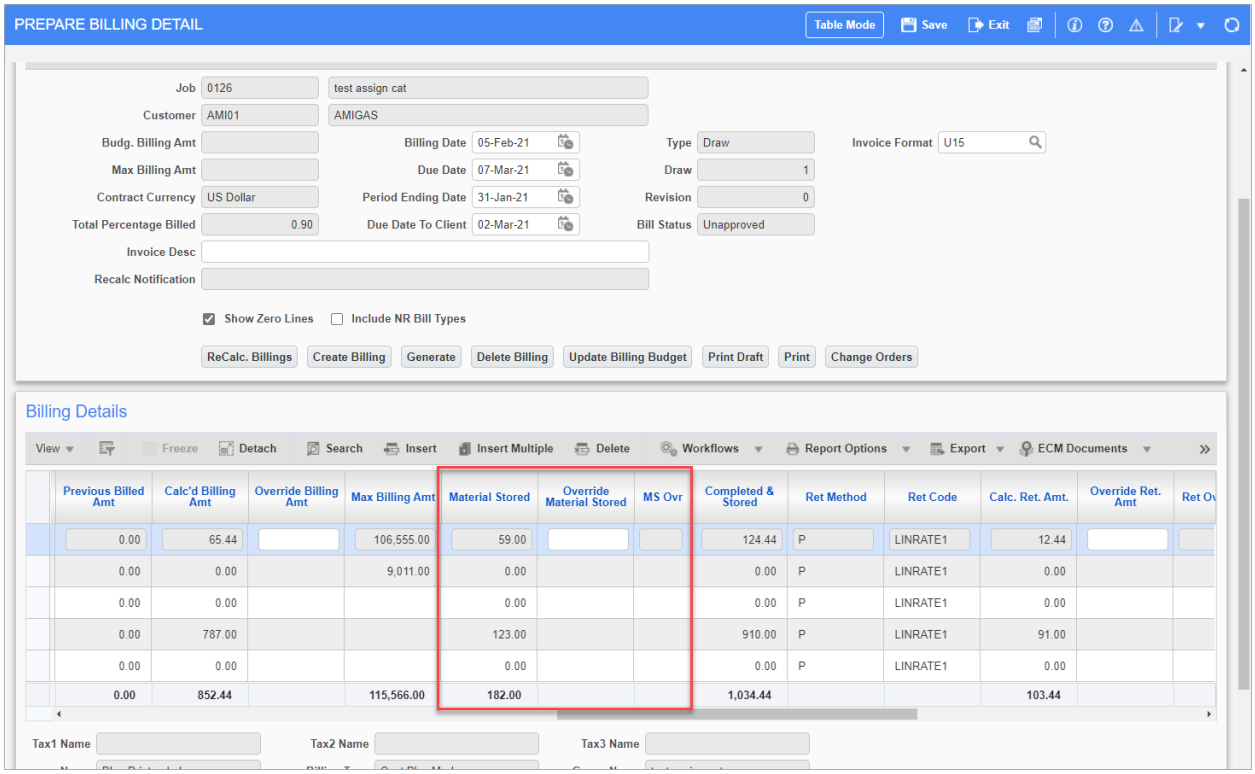
- Current Material Stored Amt: Identifies Material Stored on the current RFP
- Previous Material Stored Amt: The total of previously posted Material Stored amounts.

Corresponding fields have been added to the screen under ‘Amount Summary’ tab that indicates total amounts of the above columns at the Subcontract level.

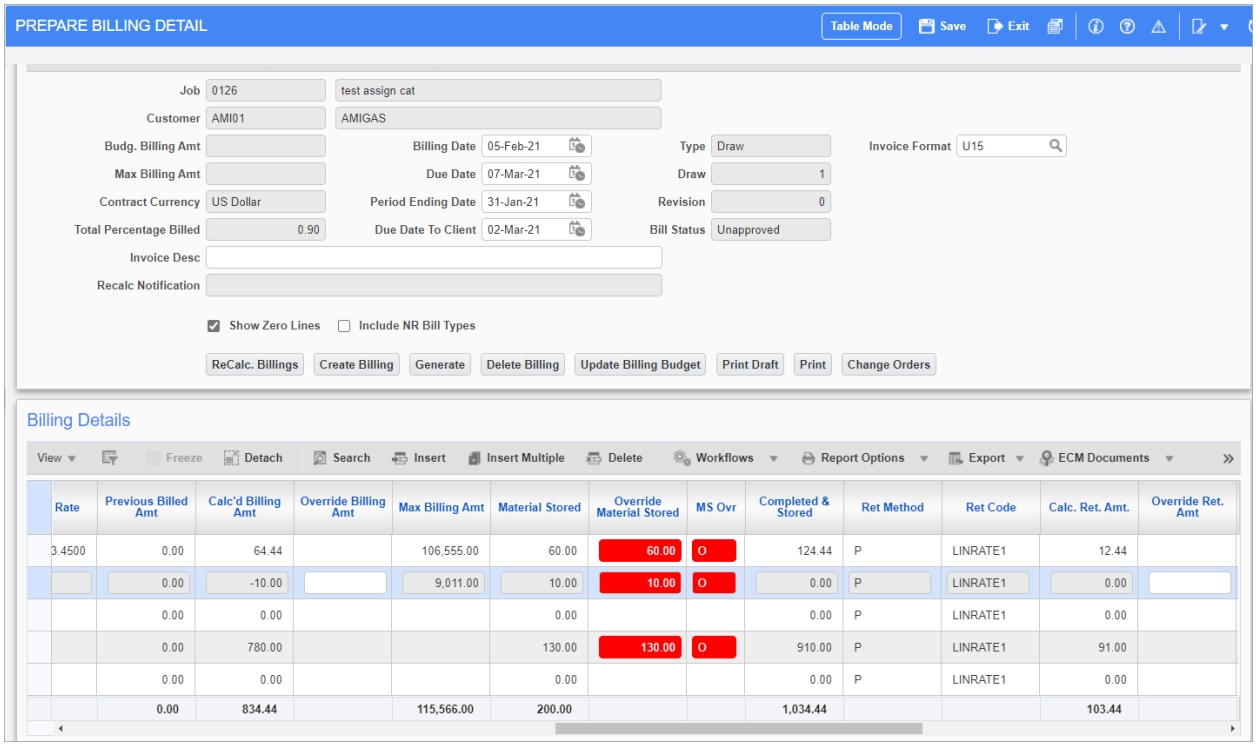


2. Prepare Billing (JBBILL):

New columns ‘Override Material Stored’ and ‘MS Ovr’ have been added to Billing Details section. Existing ‘Material Stored’ column has been disabled to be consistent with other overrides columns and holds the same functionality.

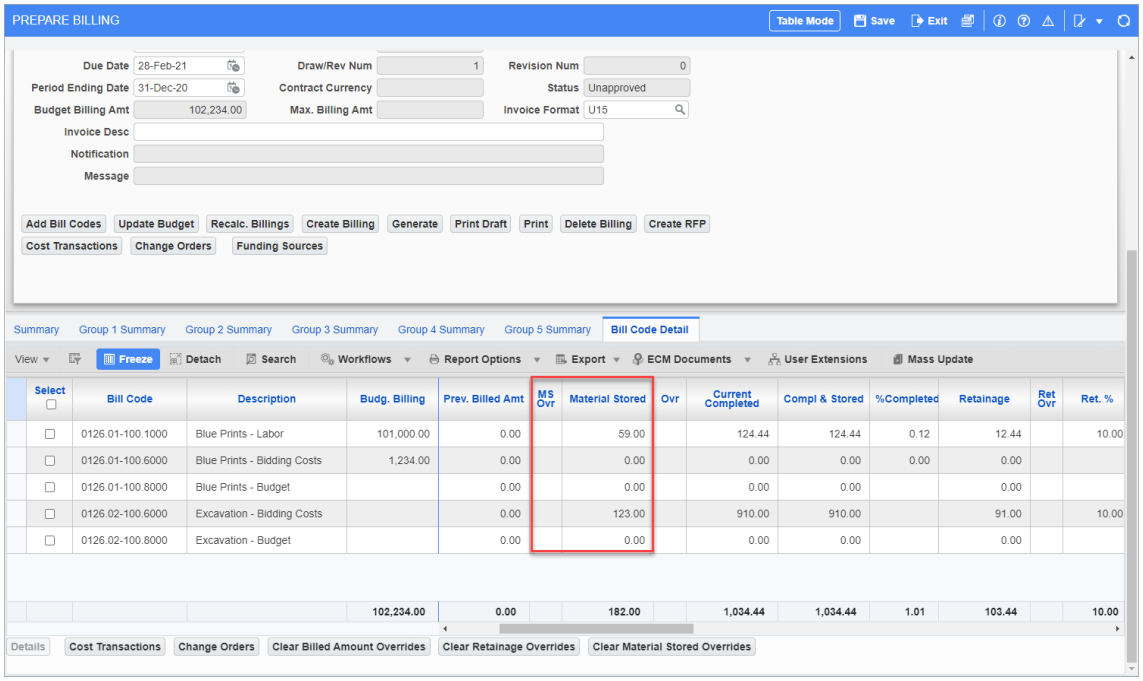


When user overrides Material Stored, followed by ‘Recalc Notification’ message and ‘ReCalc Billings’, the colored columns ‘Override Material Stored’ and ‘MS Ovr’ with letter ‘O’ indicate that the Material Stored Amount has been overridden.

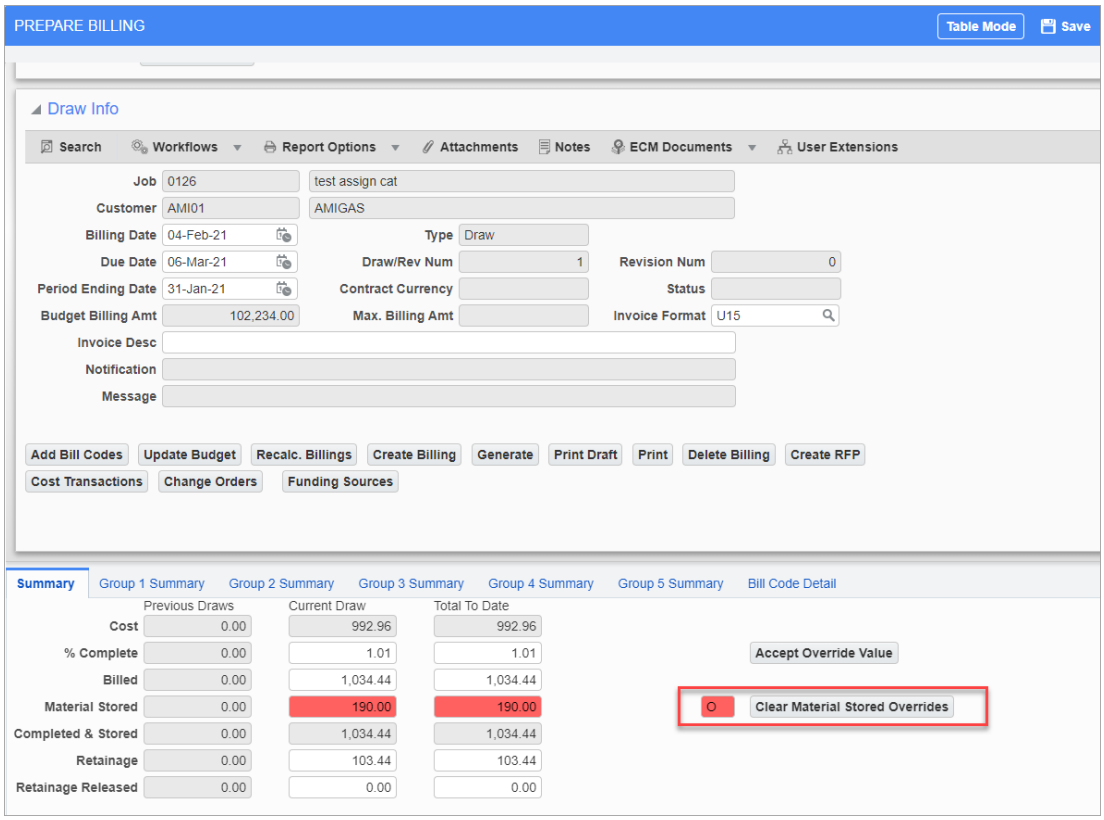


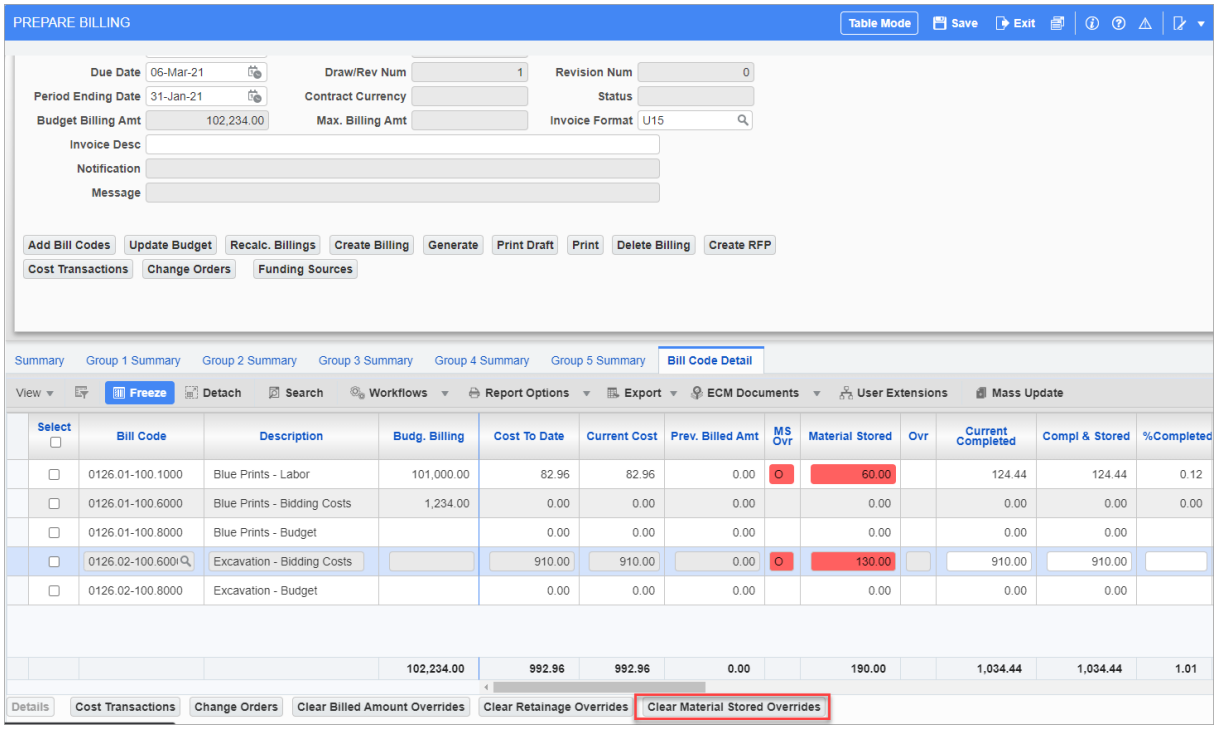
3. G/C Prepare Billing (JBBILL2):

New columns ‘Override Material Stored’ and ‘MS Ovr’ have been added to ‘Group 1 Summary’ to ‘Group 5 Summary’ and ‘Bill Code Detail’ Tabs. ‘Override Material Stored’ column is hidden in all tabs to be consistent with other overrides columns and holds the same functionality.



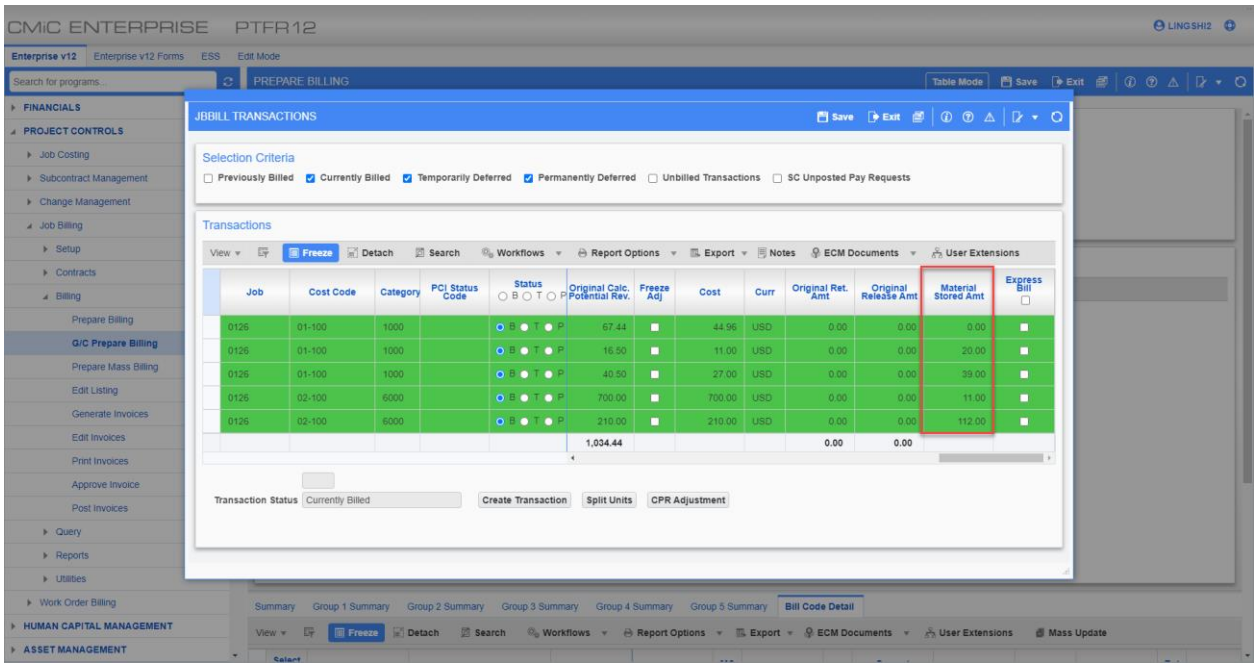
A new button called ‘Clear Material Stored Override’ has been added to Summary and ‘Bill Code Detail’ Tabs to clear MS Override Amounts and restore the calculated ones.





4. Cost Transaction pop-up (JBBILLTRANS):

A new column has been added to Cost Transaction pop-up screen that indicates Material Stored Amt on the Cost level of the associated Billing Detail line. The column is display only and cannot be updated.



SC Revised Amount Viewable in Table Mode-R12(20.25430)

Overview:

A ‘Current Amt’ field is now made available in the Table mode of Lite Editor in Subcontract Entry program.

Modifications:

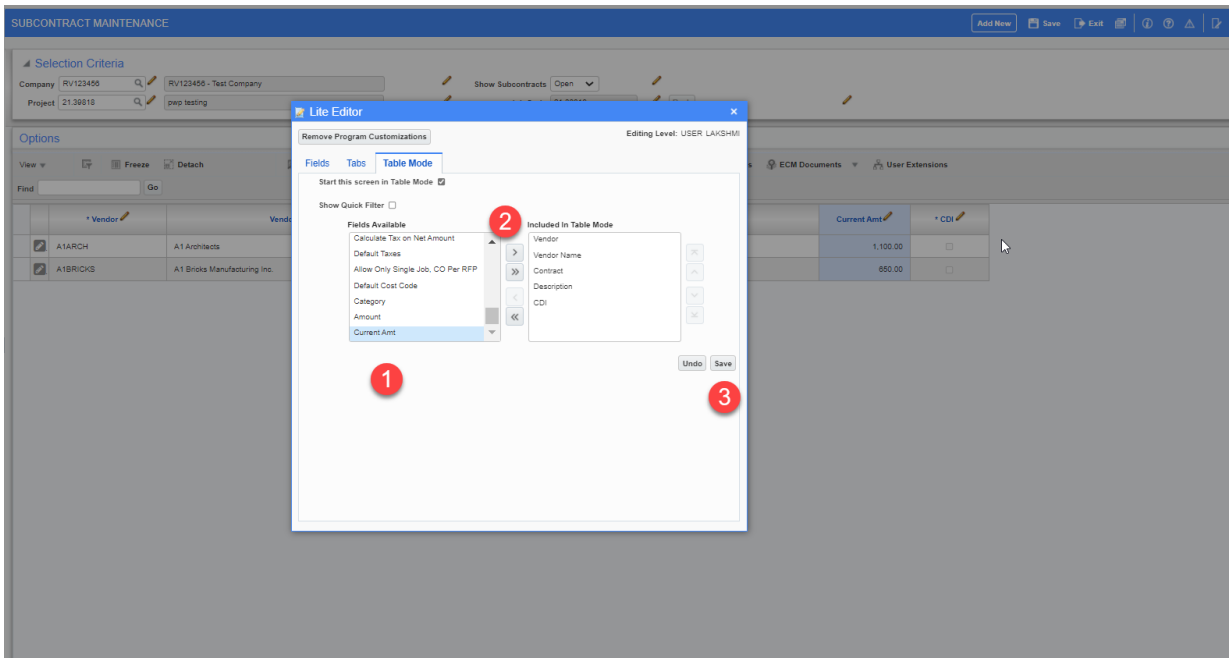
Added a field ‘Current Amt’ in the Lite Editor > Table mode, that contains the current SC amount including the change order amounts.

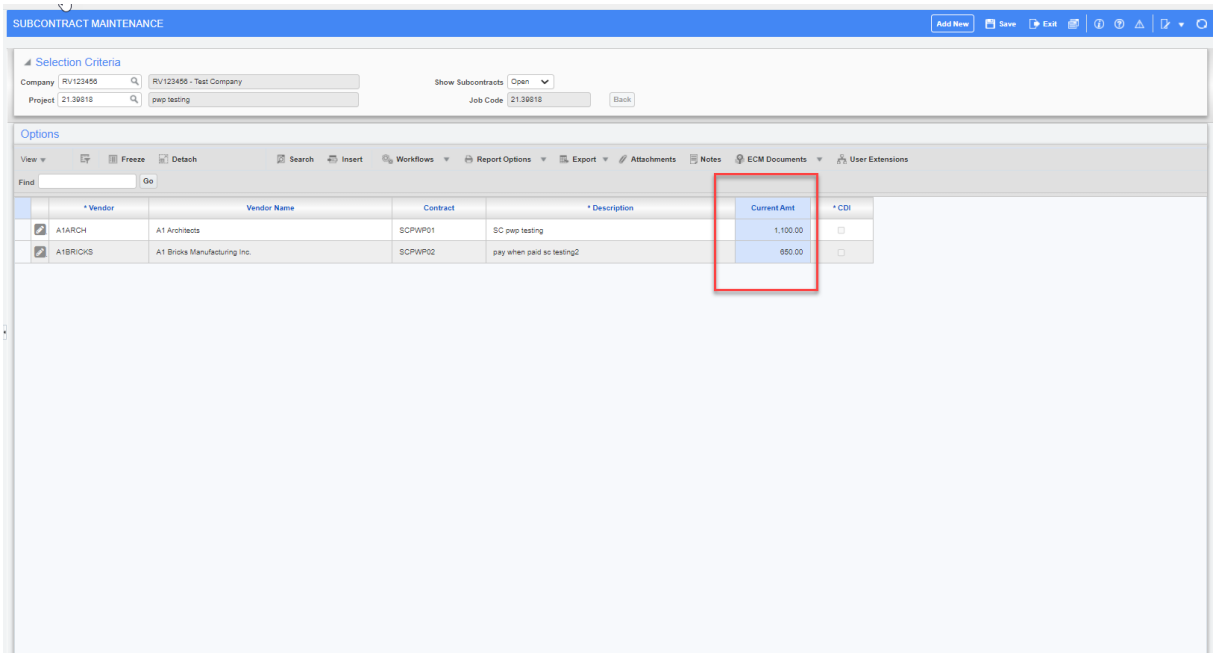
To add this column in the table mode the user needs to add it using Lite Editor.

Lite Editor → Table Mode → Current Amt column under Fields available → Move → Save.

After refreshing the screen, the current Amount (SC Revised amount) column will be viewable in table mode.

Screen Prints:





"Delete" Button Added to the Tool Bar in Modify Original Contract (21.41899)

Added "Delete" button to the tool bar in Modify Original Contract program.

Modifications:

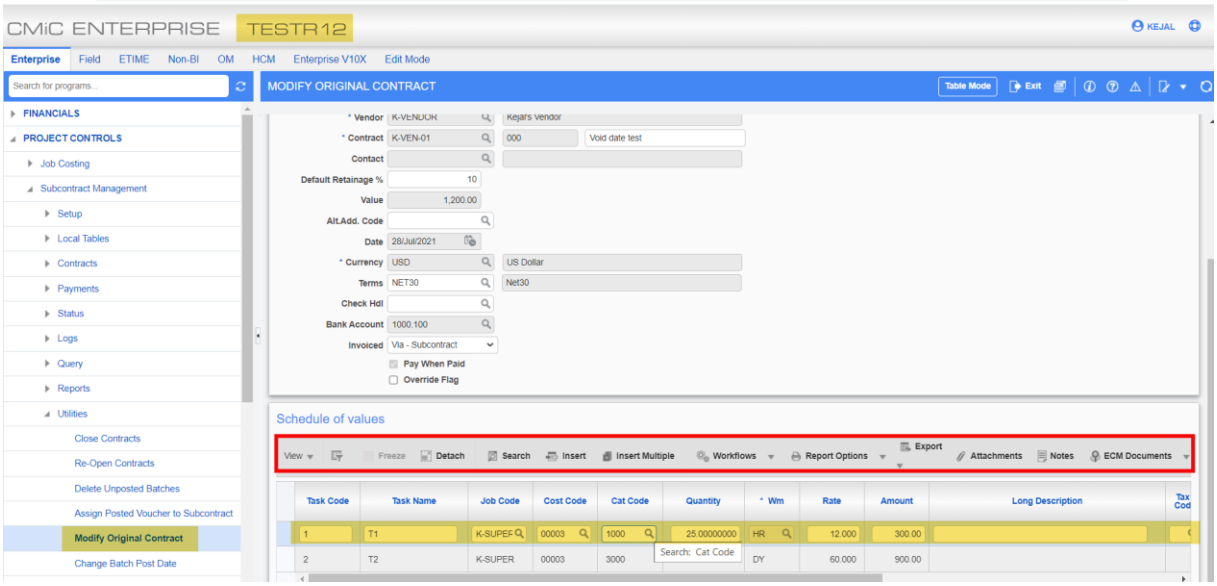
Added a “Delete” button to the Schedule of values and enabled the button for newly created records.

For existing records, “Delete” button will be disabled.

Users will be able to delete the newly created records up to moment when contract is posted. Once the contract is posted, records will have the “Delete” button disabled.

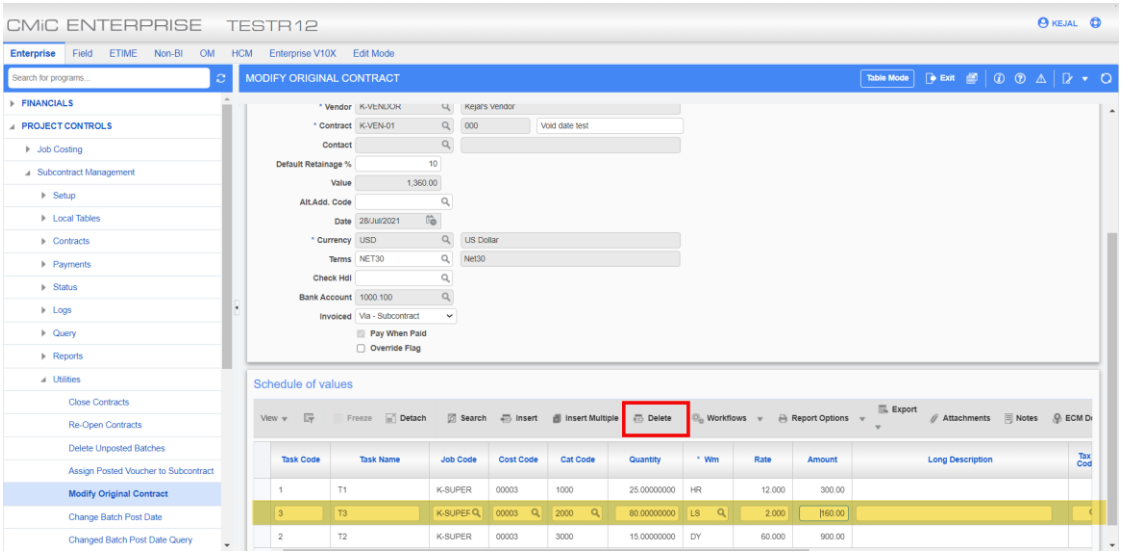
Modify Original Contract setup:

‘DELETE’ button disabled for existing SOV lines.

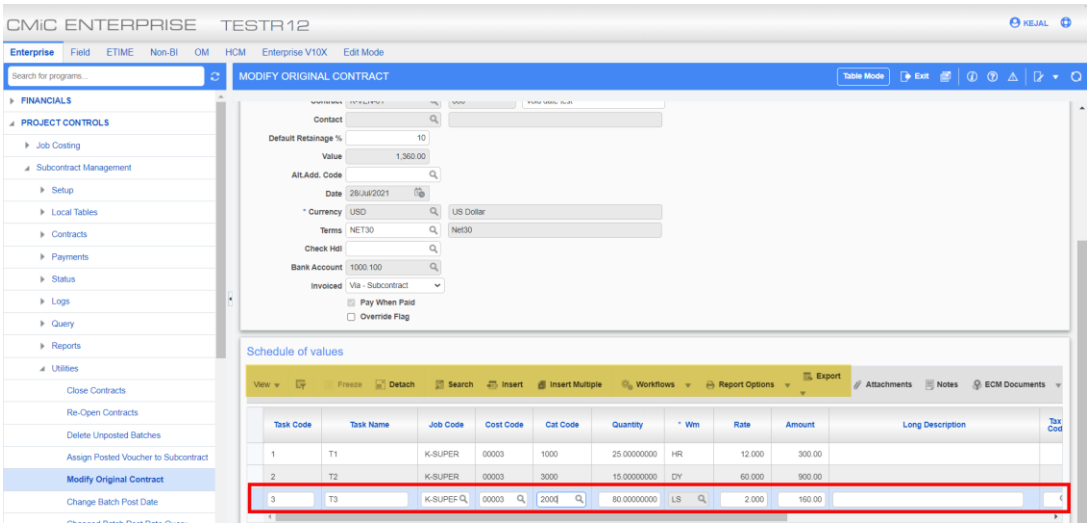


SC Utilities>Modify Original Contract

Insert a new SOV Line. ‘DELETE’ button enabled.



Post the newly added line. ‘Delete’ button is now disabled again.



Control Contract Amount Field on Modify Original Contract Screen
(20.26264)

Modified the Modify Original Contract screen to add field SC Control Contract Amount.

Pre-requisites

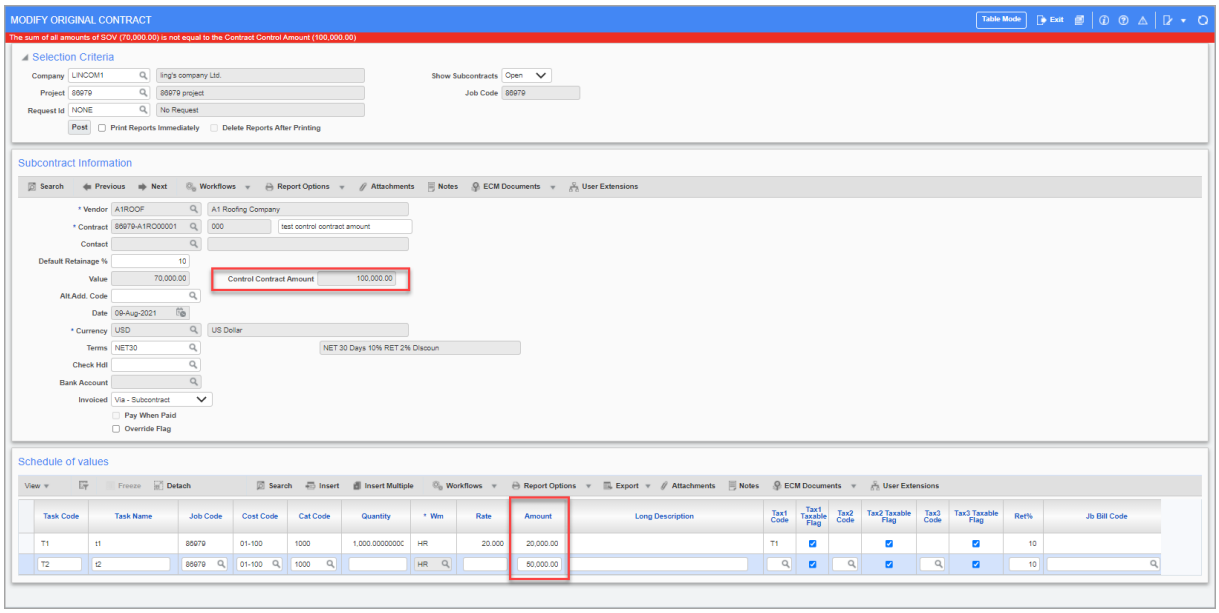
Control Contract Amount is set up in PMJSP Subcontract Entry.

Modifications

- The field Control Contract Amount will be hidden by default; user will add it manually to the screen.

- The field is disabled, and the amount is only applicable to base contract.

- At posting, the total amount of SOV should match with Control Contract Amount (if the amount exists). If not match, system shows error message.

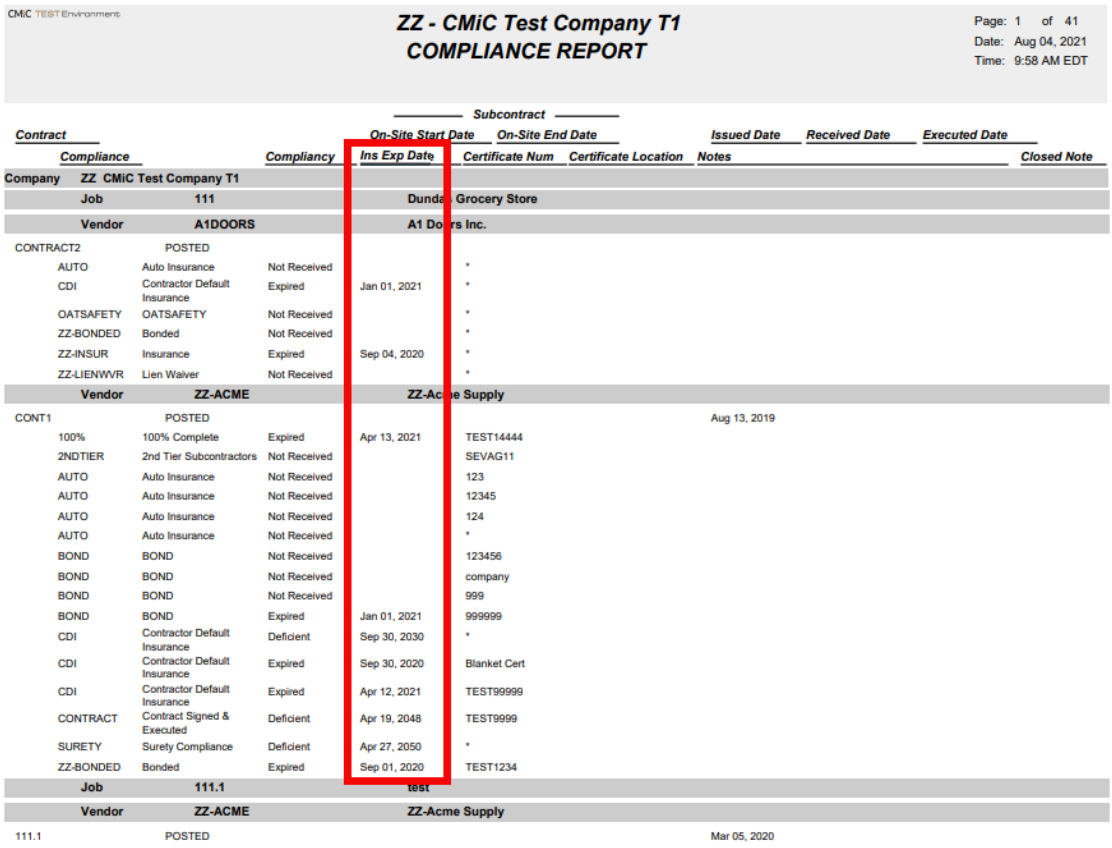


New Column ‘Insurance Exp date’ Added to SC Compliance Report (21.44955)

Add new column 'Insurance Exp date' to SC Compliance Report (SCCOMPLREP).

Modifications:

New column ‘Insurance Exp date' added to SC Compliance Report (SCCOMPLREP).



CMiC TEST Environment

ZZ - CMiC Test Company T1
COMPLIANCE REPORT

Page: 1 of 41
Date: Aug 04, 2021
Time: 9:58 AM EDT

Contract / Compliance		Compliancy	Subcontract: On-Site Start Date / Ins Exp Date	Subcontract: On-Site End Date / Certificate Num	Certificate Location	Issued Date / Notes	Received Date	Executed Date	Closed Note
Company	**ZZ CMiC Test Company T1**								
Job	**111**			**Dunda Grocery Store**					
Vendor	**A1DOORS**			**A1 Do rs Inc.**					
CONTRACT2	POSTED								
AUTO	Auto Insurance	Not Received		*					
CDI	Contractor Default Insurance	Expired	Jan 01, 2021	*					
OATSAFETY	OATSAFETY	Not Received		*					
ZZ-BONDED	Bonded	Not Received		*					
ZZ-INSUR	Insurance	Expired	Sep 04, 2020	*					
ZZ-LIENWVR	Lien Waiver	Not Received		*					
Vendor	**ZZ-ACME**			**ZZ-Ac e Supply**					
CONT1	POSTED					Aug 13, 2019			
100%	100% Complete	Expired	Apr 13, 2021	TEST14444					
2NDTIER	2nd Tier Subcontractors	Not Received		SEVAG11					
AUTO	Auto Insurance	Not Received		123					
AUTO	Auto Insurance	Not Received		12345					
AUTO	Auto Insurance	Not Received		124					
AUTO	Auto Insurance	Not Received		*					
BOND	BOND	Not Received		123456					
BOND	BOND	Not Received		company					
BOND	BOND	Not Received		999					
BOND	BOND	Expired	Jan 01, 2021	999999					
CDI	Contractor Default Insurance	Deficient	Sep 30, 2030	*					
CDI	Contractor Default Insurance	Expired	Sep 30, 2020	Blanket Cert					
CDI	Contractor Default Insurance	Expired	Apr 12, 2021	TEST99999					
CONTRACT	Contract Signed & Executed	Deficient	Apr 19, 2048	TEST9999					
SURETY	Surety Compliance	Deficient	Apr 27, 2050	*					
ZZ-BONDED	Bonded	Expired	Sep 01, 2020	TEST1234					
Job	**111.1**			**test**					
Vendor	**ZZ-ACME**			**ZZ-Acme Supply**					
111.1	POSTED					Mar 05, 2020			

New Reverse/Calculate Checkbox Added in Reverse/Calculate CDI Program (21.44792)

Overview:

Fix is provided so that when the user filters the data in the Reverse/Calculate CDI Charges program, the charges are reversed/calculated only for the filtered jobs and not for all jobs.

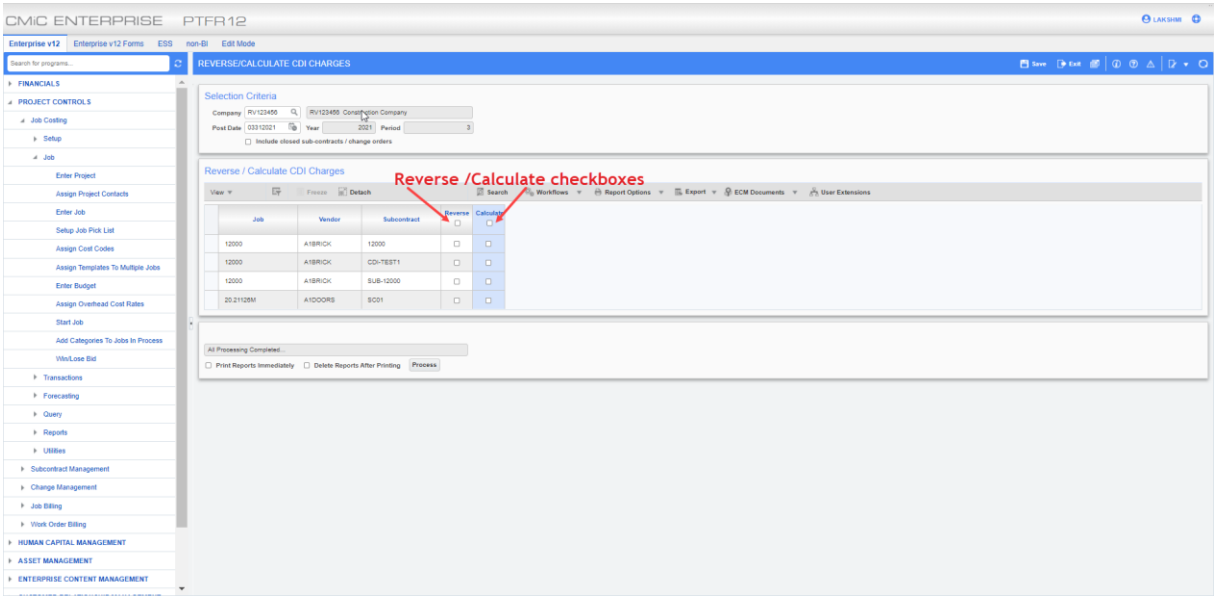
Modifications:

The program has been modified so that the user will now be able to select the job by using the Reverse/Calculate checkboxes available at the top in the header.

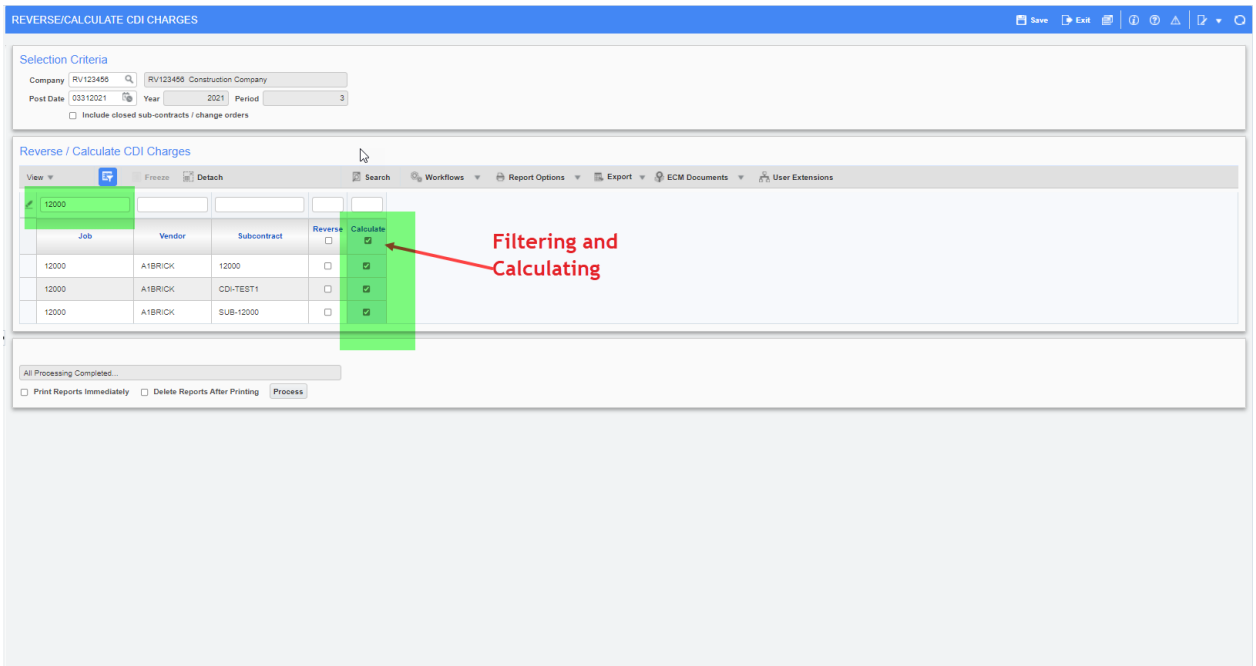
The buttons Select All/Unselect All calculate, and Select All/Unselect All Reverse is no longer available

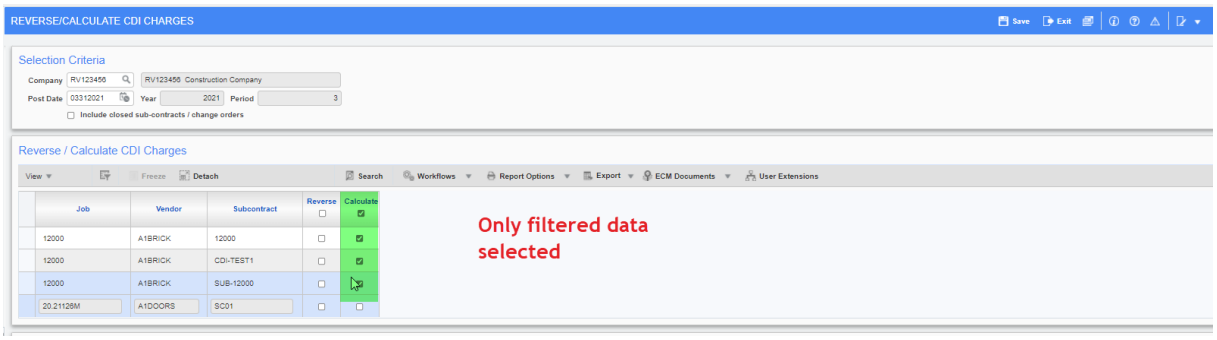
Screen Prints:

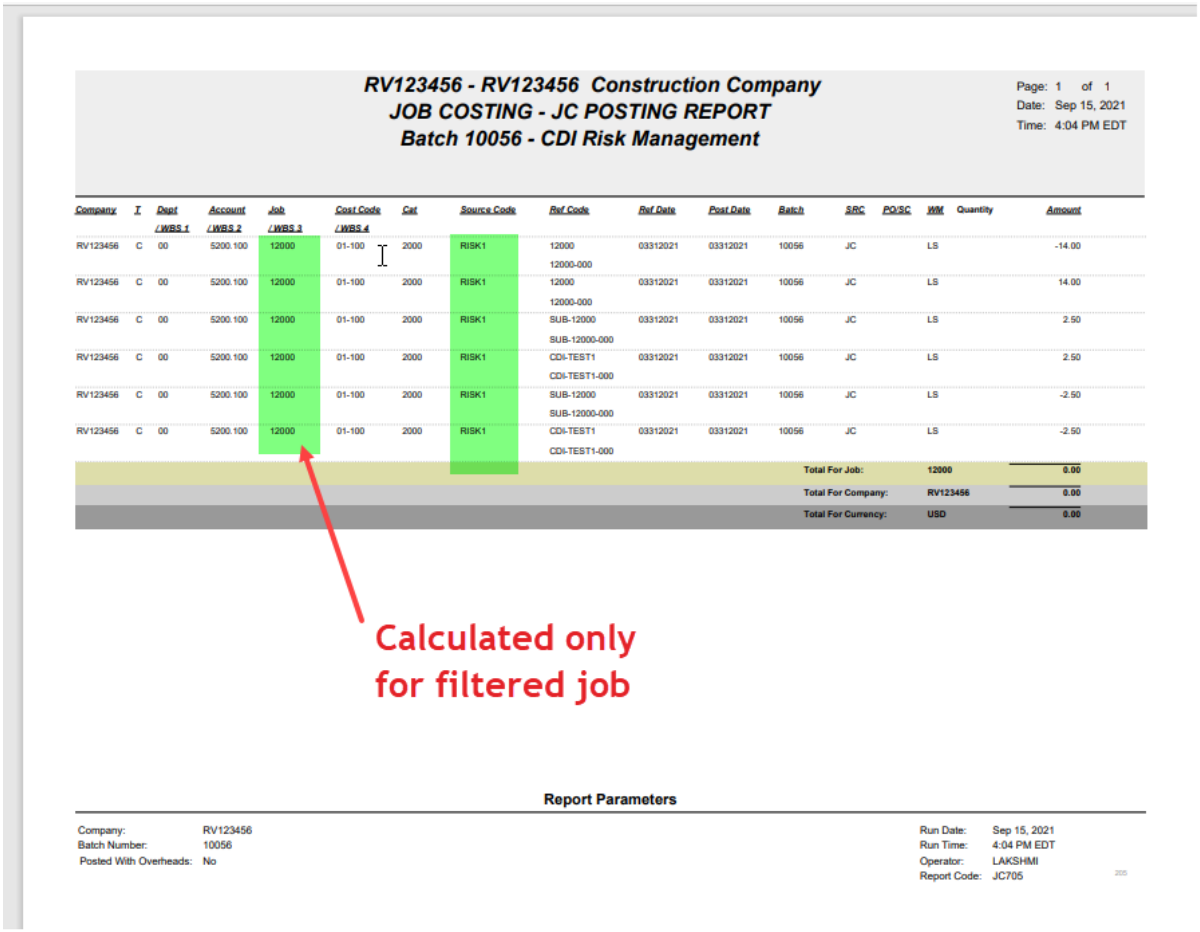
Reverse/Calculate Checkboxes:



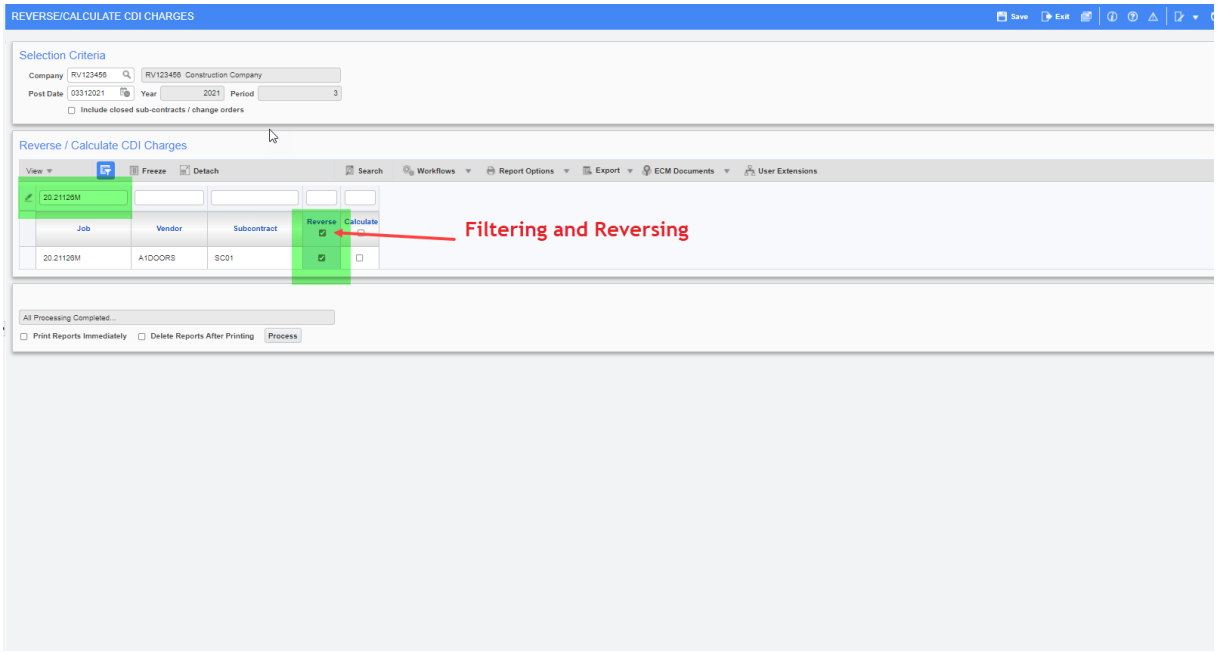
Filtering data and Calculating:

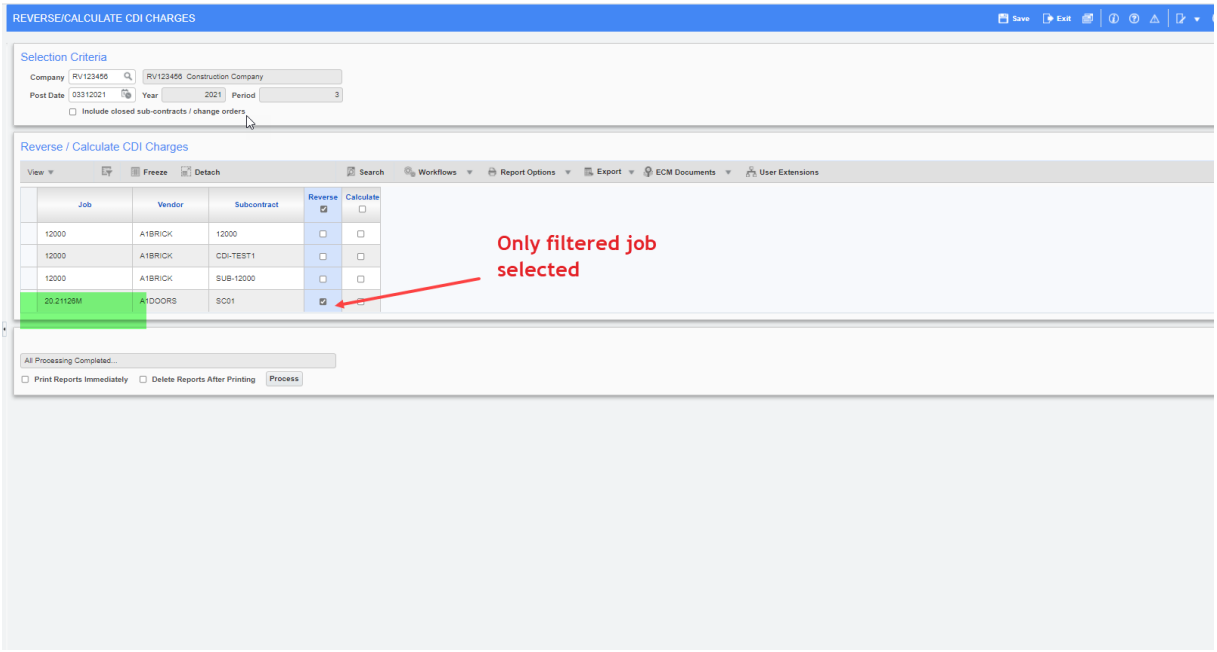


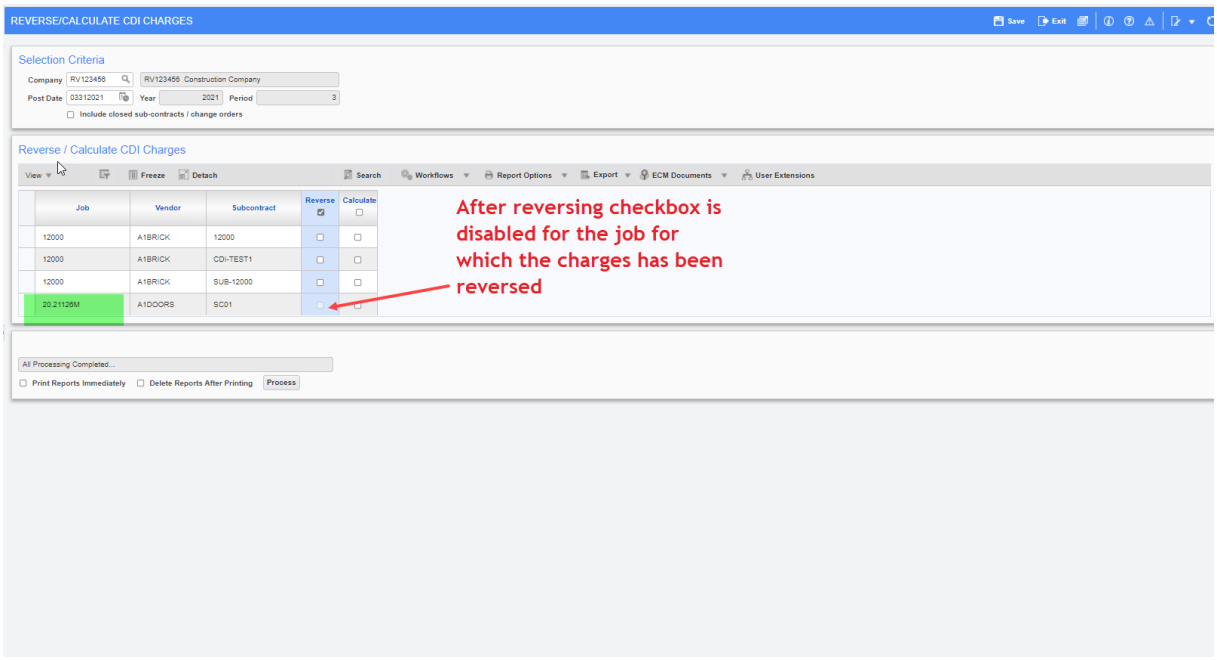

REVERSE/CALCULATE CDI CHARGES
Save
Exit
Selection Criteria
Company
RV123456
RV123456 Construction Company
Post Date
03312021
Year
2021
Period
3
Include closed sub-contracts / change orders
Reverse / Calculate CDI Charges
View
Freeze
Detach
Search
Workflows
Report Options
Export
ECM Documents
User Extensions
Job
Vendor
Subcontract
Reverse
Calculate
12000
A1BRICK
12000
12000
A1BRICK
CDI-TEST1
12000
A1BRICK
SUB-12000
20.21126M
A1DOORS
SC01
Only filtered data selected

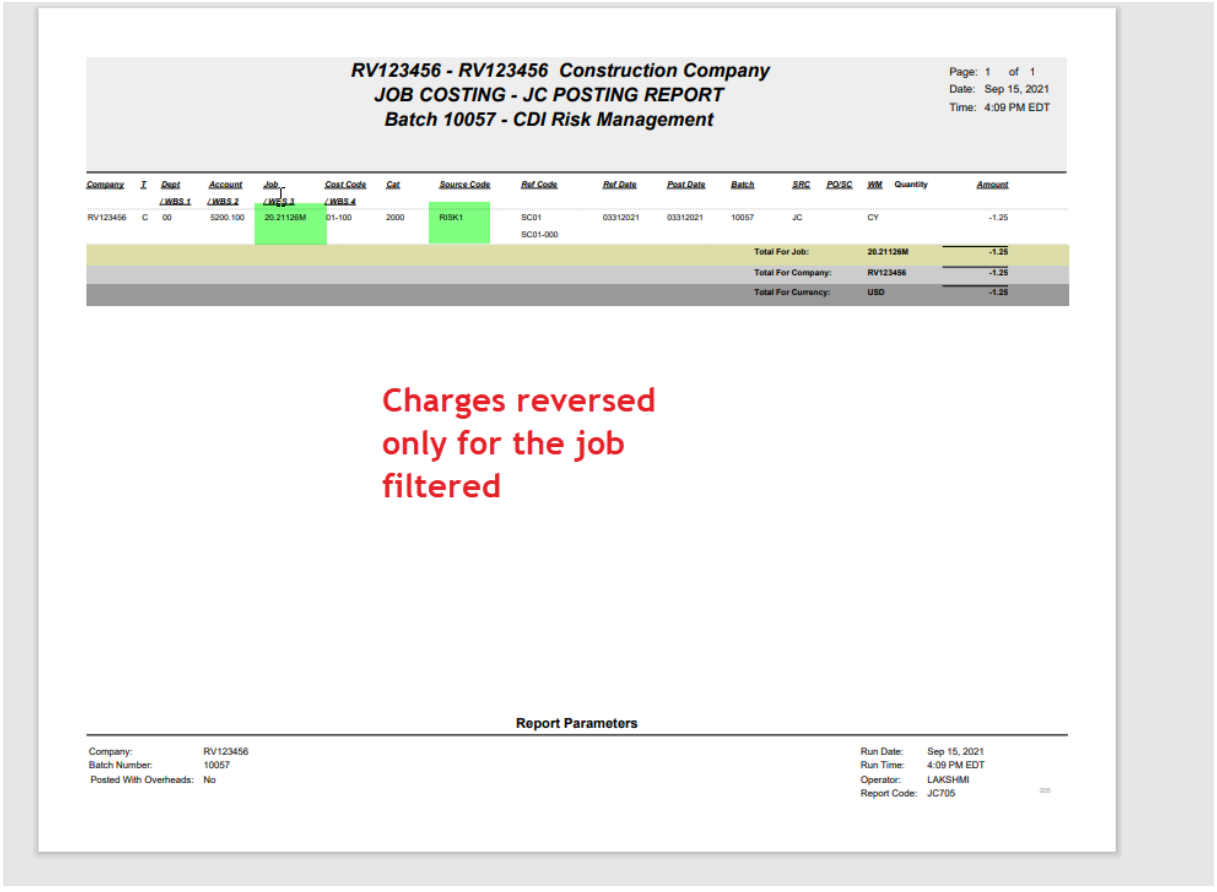

RV123456 - RV123456 Construction Company
JOB COSTING - JC POSTING REPORT
Batch 10056 - CDI Risk Management
Page: 1 of 1
Date: Sep 15, 2021
Time: 4:04 PM EDT
Company
T
Dept / WBS 1
Account / WBS 2
Job / WBS 3
Cost Code / WBS 4
Cat
Source Code
Ref Code
Ref Date
Post Date
Batch
SRC
PO/SC
WM
Quantity
Amount
RV123456 C 00 5200.100 12000 01-100 2000 RISK1 12000 12000-000 03312021 03312021 10056 JC LS -14.00
RV123456 C 00 5200.100 12000 01-100 2000 RISK1 12000 12000-000 03312021 03312021 10056 JC LS 14.00
RV123456 C 00 5200.100 12000 01-100 2000 RISK1 SUB-12000 SUB-12000-000 03312021 03312021 10056 JC LS 2.50
RV123456 C 00 5200.100 12000 01-100 2000 RISK1 CDI-TEST1 CDI-TEST1-000 03312021 03312021 10056 JC LS 2.50
RV123456 C 00 5200.100 12000 01-100 2000 RISK1 SUB-12000 SUB-12000-000 03312021 03312021 10056 JC LS -2.50
RV123456 C 00 5200.100 12000 01-100 2000 RISK1 CDI-TEST1 CDI-TEST1-000 03312021 03312021 10056 JC LS -2.50
Total For Job: 12000 0.00
Total For Company: RV123456 0.00
Total For Currency: USD 0.00
Calculated only for filtered job
Report Parameters
Company: RV123456
Batch Number: 10056
Posted With Overheads: No
Run Date: Sep 15, 2021
Run Time: 4:04 PM EDT
Operator: LAKSHMI
Report Code: JC705

Filtering Data and Reversing:






REVERSE/CALCULATE CDI CHARGES
Selection Criteria
Company RV123456 RV123456 Construction Company
Post Date 03312021 Year 2021 Period 3
Include closed sub-contracts / change orders
Reverse / Calculate CDI Charges
Freeze Detach Search Workflows Report Options Export ECM Documents User Extensions
Job Vendor Subcontract Reverse Calculate
12000 A1BRICK 12000
12000 A1BRICK CDI-TEST1
12000 A1BRICK SUB-12000
20.21126M A1DOORS SC01
After reversing checkbox is disabled for the job for which the charges has been reversed
All Processing Completed...
Print Reports Immediately Delete Reports After Printing Process


RV123456 - RV123456 Construction Company
JOB COSTING - JC POSTING REPORT
Batch 10057 - CDI Risk Management
Page: 1 of 1
Date: Sep 15, 2021
Time: 4:09 PM EDT
Company T Dept / WBS 1 Account / WBS 2 Job / WBS 3 Cost Code / WBS 4 Cat Source Code Ref Code Ref Date Post Date Batch SRC PO/SC WM Quantity Amount
RV123456 C 00 5200.100 20.21126M 01-100 2000 RISK1 SC01 SC01-000 03312021 03312021 10057 JC CY -1.25
Total For Job: 20.21126M -1.25
Total For Company: RV123456 -1.25
Total For Currency: USD -1.25
Charges reversed only for the job filtered
Report Parameters
Company: RV123456
Batch Number: 10057
Posted With Overheads: No
Run Date: Sep 15, 2021
Run Time: 4:09 PM EDT
Operator: LAKSHMI
Report Code: JC705

New Flag 'Include Taxes In Invoice Amount' Added to SC310 Report Parameters (21.39540)

A new flag **'Include Taxes In Invoice Amount'** has been added in the report parameters for **SC310** to hide/show invoice taxes.

Modifications:

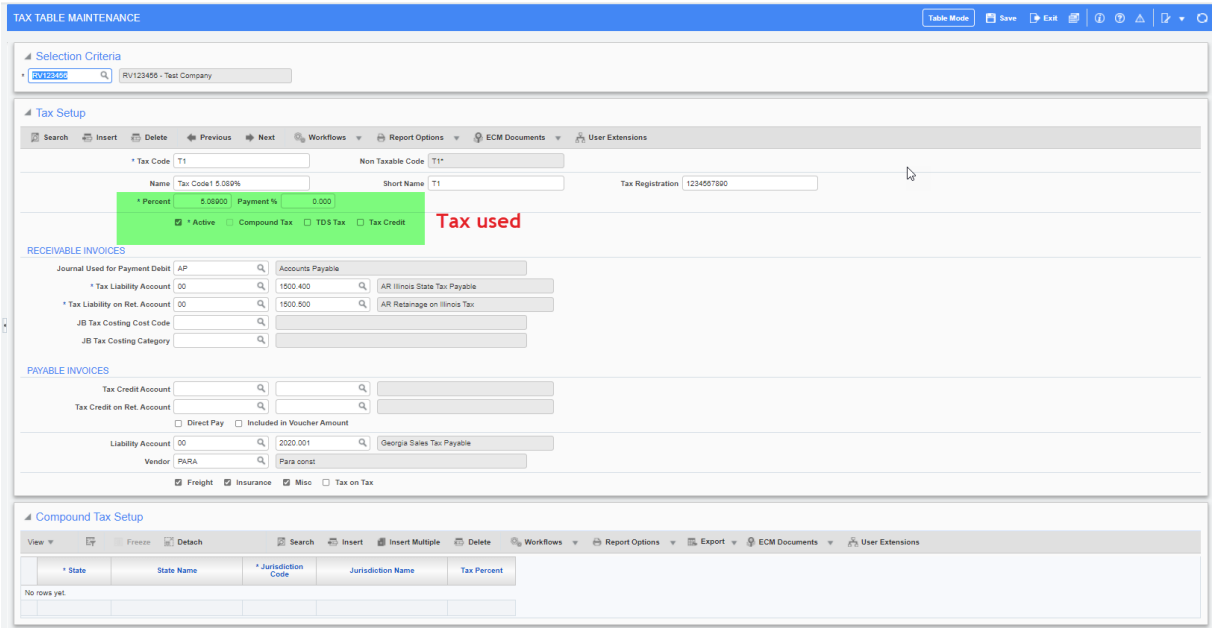
The program has been modified so that the report parameters for **SC310** will now have a new flag

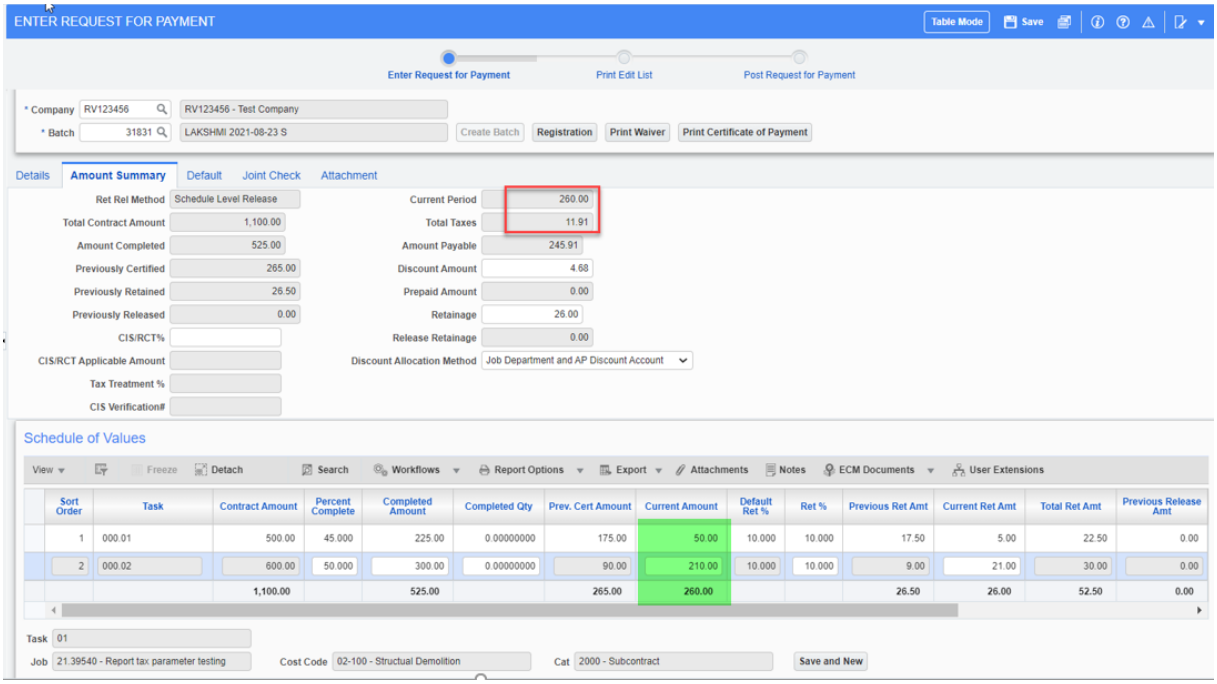
'Include Taxes In Invoice Amount'

If this flag is set to **'Include Taxes'** while printing the SC310 report, the report will include the taxes in the invoice amount.

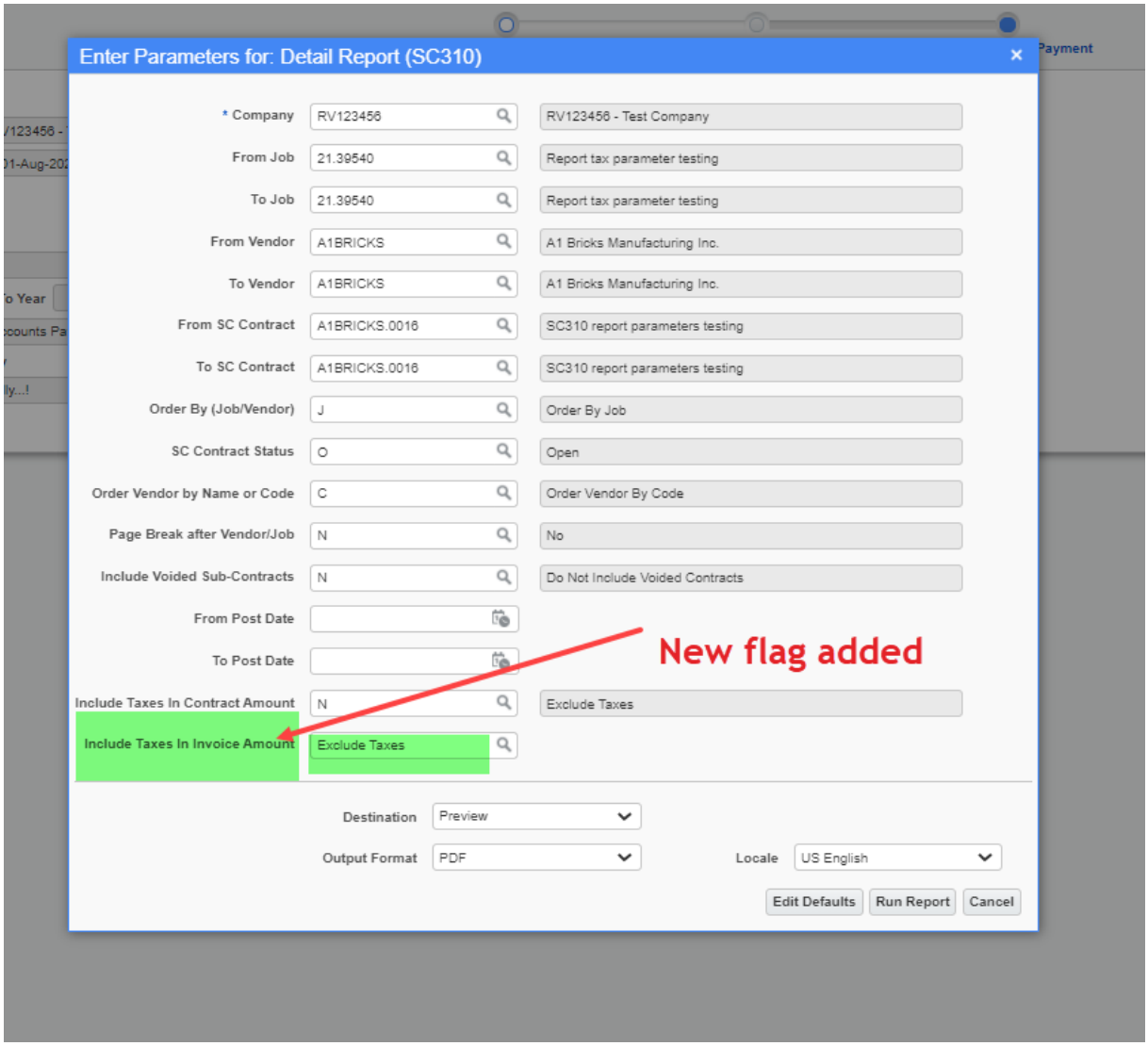
If this flag is set to **'Exclude Taxes'** while printing the SC310 report, the report will not include the taxes in the invoice amount.

Screen Prints:

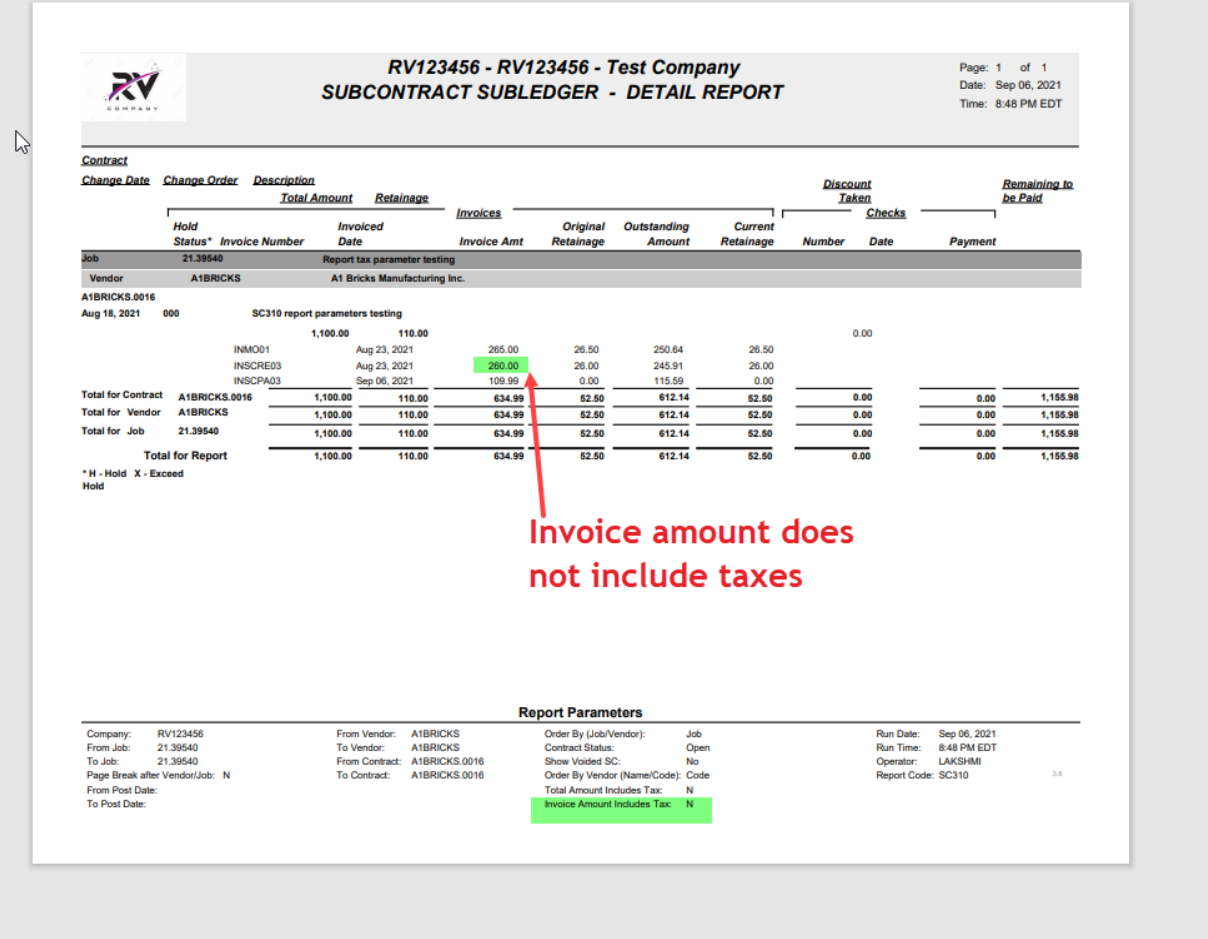



ENTER REQUEST FOR PAYMENT
Table Mode
Save
Enter Request for Payment
Print Edit List
Post Request for Payment
* Company RV123456
RV123456 - Test Company
* Batch 31831
LAKSHMI 2021-08-23 S
Create Batch
Registration
Print Waiver
Print Certificate of Payment
Details
Amount Summary
Default
Joint Check
Attachment
Ret Rel Method
Schedule Level Release
Total Contract Amount
1,100.00
Amount Completed
525.00
Previously Certified
265.00
Previously Retained
26.50
Previously Released
0.00
CIS/RCT%
CIS/RCT Applicable Amount
Tax Treatment %
CIS Verification#
Current Period
260.00
Total Taxes
11.91
Amount Payable
245.91
Discount Amount
4.68
Prepaid Amount
0.00
Retainage
26.00
Release Retainage
0.00
Discount Allocation Method
Job Department and AP Discount Account
Schedule of Values
View
Freeze
Detach
Search
Workflows
Report Options
Export
Attachments
Notes
ECM Documents
User Extensions
Sort Order
Task
Contract Amount
Percent Complete
Completed Amount
Completed Qty
Prev. Cert Amount
Current Amount
Default Ret %
Ret %
Previous Ret Amt
Current Ret Amt
Total Ret Amt
Previous Release Amt
1 000.01 500.00 45.000 225.00 0.00000000 175.00 50.00 10.000 10.000 17.50 5.00 22.50 0.00
2 000.02 600.00 50.000 300.00 0.00000000 90.00 210.00 10.000 10.000 9.00 21.00 30.00 0.00
1,100.00 525.00 265.00 260.00 26.50 26.00 52.50 0.00
Task 01
Job 21.39540 - Report tax parameter testing
Cost Code 02-100 - Structual Demolition
Cat 2000 - Subcontract
Save and New

SC310 Report Parameters:



When the flag is set to **'Exclude Taxes'**, the report did not include the taxes in the invoice amount.



RV123456 - RV123456 - Test Company
SUBCONTRACT SUBLEDGER - DETAIL REPORT

Page: 1 of 1
Date: Sep 06, 2021
Time: 8:48 PM EDT

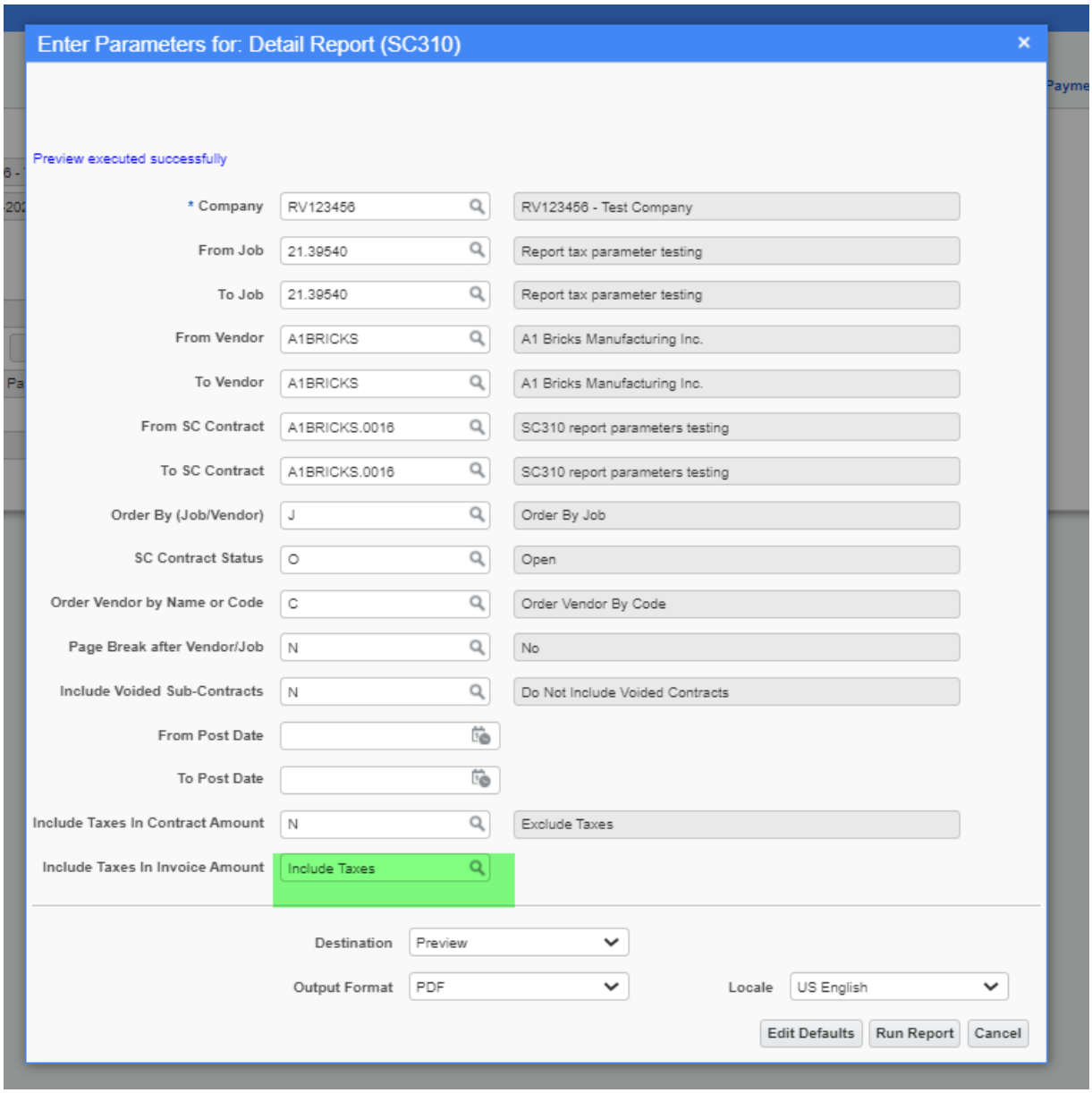
Contract / Change Date	Change Order	Description	Total Amount	Retainage	Invoices				Discount Taken	Checks		Remaining to be Paid
	Hold Status*	Invoice Number	Invoiced Date		Invoice Amt	Original Retainage	Outstanding Amount	Current Retainage	Number	Date	Payment	
Job	21.39540	Report tax parameter testing										
Vendor	A1BRICKS	A1 Bricks Manufacturing Inc.										
A1BRICKS.0016												
Aug 18, 2021	000	SC310 report parameters testing	1,100.00	110.00					0.00			
		INMO01	Aug 23, 2021		265.00	26.50	250.64	26.50				
		INSCRE03	Aug 23, 2021		260.00	26.00	245.91	26.00				
		INSCPA03	Sep 06, 2021		109.99	0.00	115.59	0.00				
Total for Contract	A1BRICKS.0016		1,100.00	110.00	634.99	52.50	612.14	52.50	0.00		0.00	1,155.98
Total for Vendor	A1BRICKS		1,100.00	110.00	634.99	52.50	612.14	52.50	0.00		0.00	1,155.98
Total for Job	21.39540		1,100.00	110.00	634.99	52.50	612.14	52.50	0.00		0.00	1,155.98
Total for Report			1,100.00	110.00	634.99	52.50	612.14	52.50	0.00		0.00	1,155.98

* H - Hold X - Exceed Hold

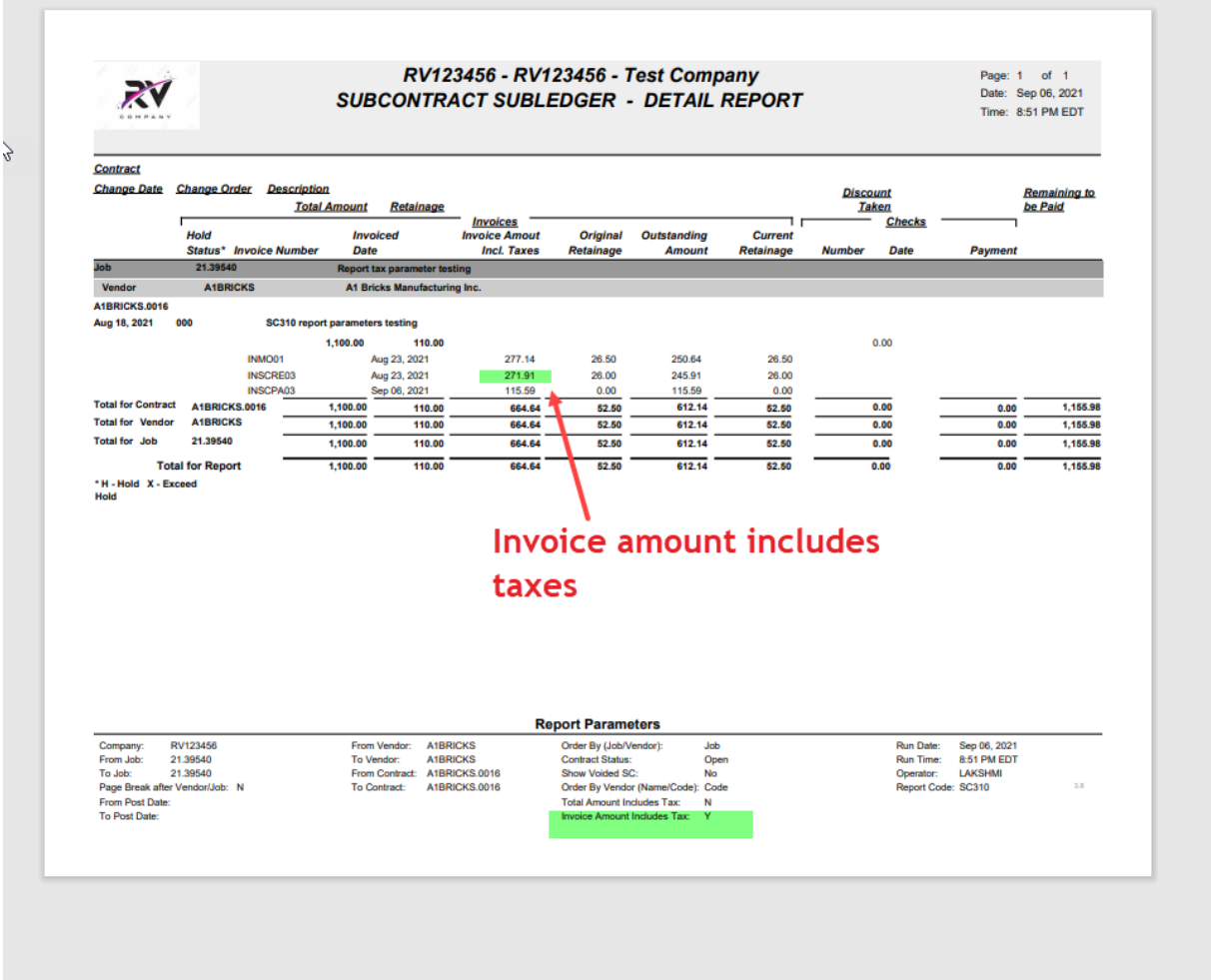
Invoice amount does not include taxes

Report Parameters

Company:	RV123456	From Vendor:	A1BRICKS	Order By (Job/Vendor):	Job	Run Date:	Sep 06, 2021
From Job:	21.39540	To Vendor:	A1BRICKS	Contract Status:	Open	Run Time:	8:48 PM EDT
To Job:	21.39540	From Contract:	A1BRICKS.0016	Show Voided SC:	No	Operator:	LAKSHMI
Page Break after Vendor/Job:	N	To Contract:	A1BRICKS.0016	Order By Vendor (Name/Code):	Code	Report Code:	SC310
From Post Date:				Total Amount Includes Tax:	N		
To Post Date:				Invoice Amount Includes Tax:	N		


Enter Parameters for: Detail Report (SC310)
Preview executed successfully
* Company
RV123456
RV123456 - Test Company
From Job
21.39540
Report tax parameter testing
To Job
21.39540
Report tax parameter testing
From Vendor
A1BRICKS
A1 Bricks Manufacturing Inc.
To Vendor
A1BRICKS
A1 Bricks Manufacturing Inc.
From SC Contract
A1BRICKS.0016
SC310 report parameters testing
To SC Contract
A1BRICKS.0016
SC310 report parameters testing
Order By (Job/Vendor)
J
Order By Job
SC Contract Status
O
Open
Order Vendor by Name or Code
C
Order Vendor By Code
Page Break after Vendor/Job
N
No
Include Voided Sub-Contracts
N
Do Not Include Voided Contracts
From Post Date
To Post Date
Include Taxes In Contract Amount
N
Exclude Taxes
Include Taxes In Invoice Amount
Include Taxes
Destination
Preview
Output Format
PDF
Locale
US English
Edit Defaults
Run Report
Cancel

When the flag is set to **'Include Taxes'**, the report printed included the taxes in the invoice amount.



RV123456 - RV123456 - Test Company
SUBCONTRACT SUBLEDGER - DETAIL REPORT

Page: 1 of 1
Date: Sep 06, 2021
Time: 8:51 PM EDT

Contract / Change Date	Change Order	Description	Total Amount	Retainage	Invoices: Hold Status*	Invoice Number	Invoiced Date	Invoice Amout Incl. Taxes	Original Retainage	Outstanding Amount	Current Retainage	Discount Taken	Checks: Number	Checks: Date	Payment	Remaining to be Paid
Job		21.39540	Report tax parameter testing													
Vendor		A1BRICKS	A1 Bricks Manufacturing Inc.													
A1BRICKS.0016																
Aug 18, 2021	000	SC310 report parameters testing	1,100.00	110.00								0.00				
						INMO01	Aug 23, 2021	277.14	26.50	250.64	26.50					
						INSCRE03	Aug 23, 2021	271.91	26.00	245.91	26.00					
						INSCPA03	Sep 06, 2021	115.59	0.00	115.59	0.00					
Total for Contract		A1BRICKS.0016	1,100.00	110.00				664.64	52.50	612.14	52.50	0.00		0.00	0.00	1,155.98
Total for Vendor		A1BRICKS	1,100.00	110.00				664.64	52.50	612.14	52.50	0.00		0.00	0.00	1,155.98
Total for Job		21.39540	1,100.00	110.00				664.64	52.50	612.14	52.50	0.00		0.00	0.00	1,155.98
Total for Report			1,100.00	110.00				664.64	52.50	612.14	52.50	0.00		0.00	0.00	1,155.98

* H - Hold X - Exceed Hold

Invoice amount includes taxes

Report Parameters

Company:	RV123456	From Vendor:	A1BRICKS	Order By (Job/Vendor):	Job	Run Date:	Sep 06, 2021
From Job:	21.39540	To Vendor:	A1BRICKS	Contract Status:	Open	Run Time:	8:51 PM EDT
To Job:	21.39540	From Contract:	A1BRICKS.0016	Show Voided SC:	No	Operator:	LAKSHMI
Page Break after Vendor/Job:	N	To Contract:	A1BRICKS.0016	Order By Vendor (Name/Code):	Code	Report Code:	SC310
From Post Date:				Total Amount Includes Tax:	N		
To Post Date:				Invoice Amount Includes Tax:	Y		

New SC Lien Waiver (21.44416)

Added new SC Lien Waiver reports for Final and Partial.

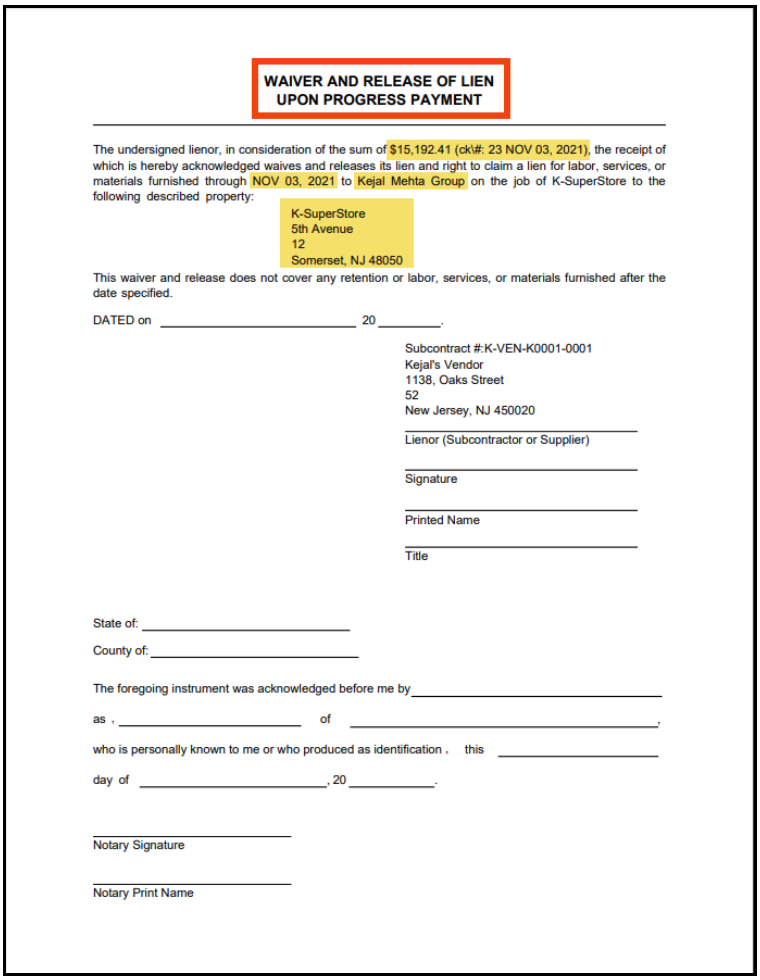
Modifications:

Created a new Lien Waiver (SC_LIEN_WAIVER) with fields in the template:
1. Through_____: is the invoice date
2. To____: is the Company Name from Maintain Company
3. Sum of $_____: Populated from the check date, check number, check amount,
4. Job: Job information from Maintain Job
5. Following described property: Populated from Maintain Project>Address Tab>Site Address
6. Lienor: Subcontract Name and address (same as existing template)
7. All the notary information: Blank
8. Dated On: Blank

Created a new parameter 'Print Report Version' with below 2 options:

1. VERSION1: Prints the current standard waivers.
2. VERSION2: Prints the new version reports.

Print the SC Lien waiver for the new version ‘Version2’.



WAIVER AND RELEASE OF LIEN UPON PROGRESS PAYMENT

The undersigned lienor, in consideration of the sum of $15,192.41 (ck\#: 23 NOV 03, 2021), the receipt of which is hereby acknowledged waives and releases its lien and right to claim a lien for labor, services, or materials furnished through NOV 03, 2021 to Kejal Mehta Group on the job of K-SuperStore to the following described property:

K-SuperStore
5th Avenue
12
Somerset, NJ 48050

This waiver and release does not cover any retention or labor, services, or materials furnished after the date specified.

DATED on _____ 20_____.

Subcontract #:K-VEN-K0001-0001
Kejal's Vendor
1138, Oaks Street
52
New Jersey, NJ 450020

_____
Lienor (Subcontractor or Supplier)

_____
Signature

_____
Printed Name

_____
Title

State of: _____

County of: _____

The foregoing instrument was acknowledged before me by _____

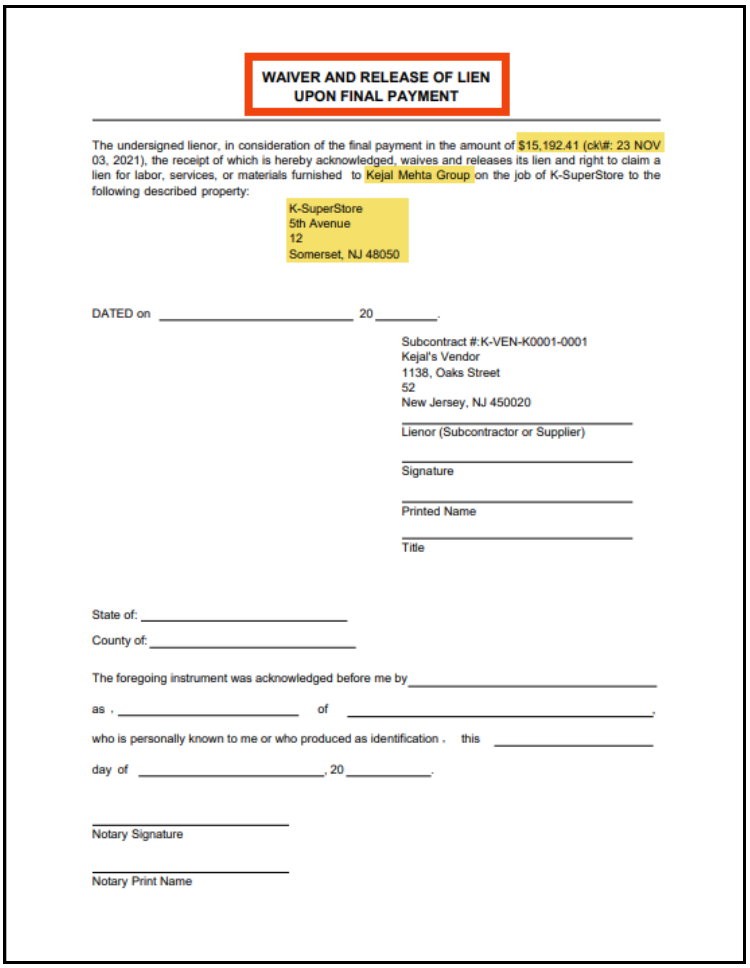
as , _____ of _____,

who is personally known to me or who produced as identification , this _____

day of _____, 20_____.

_____
Notary Signature

_____
Notary Print Name



WAIVER AND RELEASE OF LIEN UPON FINAL PAYMENT

The undersigned lienor, in consideration of the final payment in the amount of $15,192.41 (ck\#: 23 NOV 03, 2021), the receipt of which is hereby acknowledged, waives and releases its lien and right to claim a lien for labor, services, or materials furnished to Kejal Mehta Group on the job of K-SuperStore to the following described property:

K-SuperStore
5th Avenue
12
Somerset, NJ 48050

DATED on _____ 20_____.

Subcontract #:K-VEN-K0001-0001
Kejal's Vendor
1138, Oaks Street
52
New Jersey, NJ 450020

_____
Lienor (Subcontractor or Supplier)

_____
Signature

_____
Printed Name

_____
Title

State of: _____

County of: _____

The foregoing instrument was acknowledged before me by _____

as , _____ of _____,

who is personally known to me or who produced as identification , this _____

day of _____, 20_____.

_____
Notary Signature

_____
Notary Print Name

Control Contract Amount Field added in Modify Original Contract Program (21.51285) - Beta version

Warning: When the Control Contract Amount is populated in CMIC Field and posted, the clients will no longer be able to modify the SOV amounts via Modify Original Contract program in Enterprise.

Implementation is in progress and the fix will be available for next hotfix/patch release.

Overview:

A new field **Control Contract amount** is added to the Modify Original Contract screen

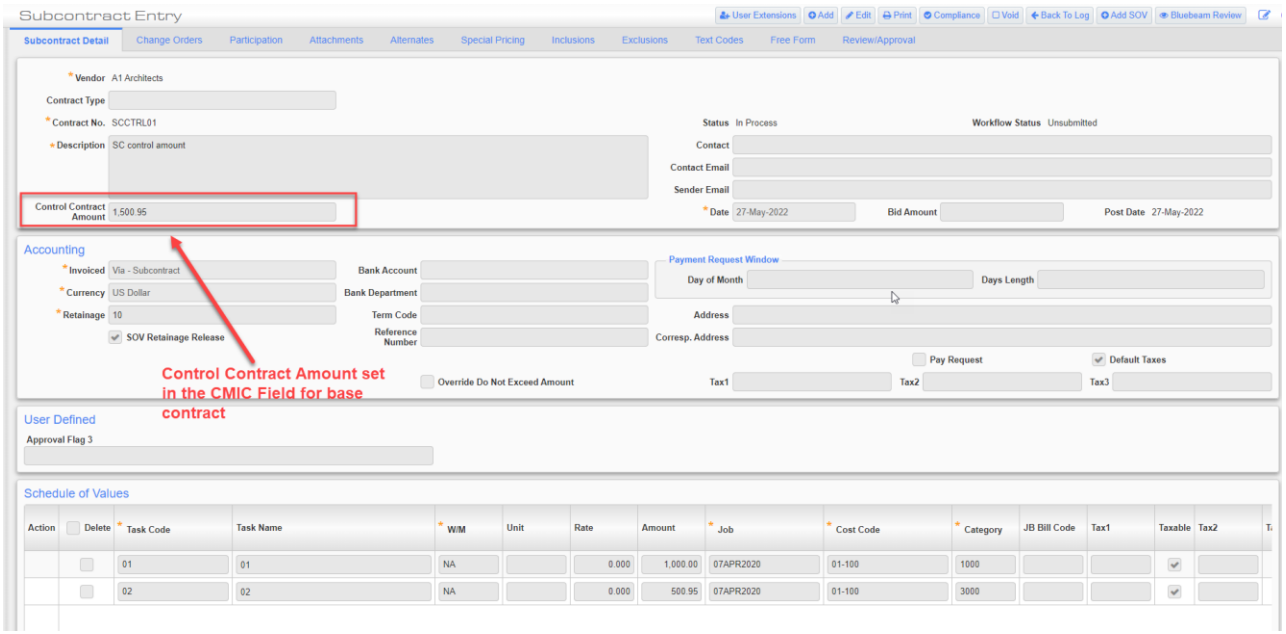
Modifications:

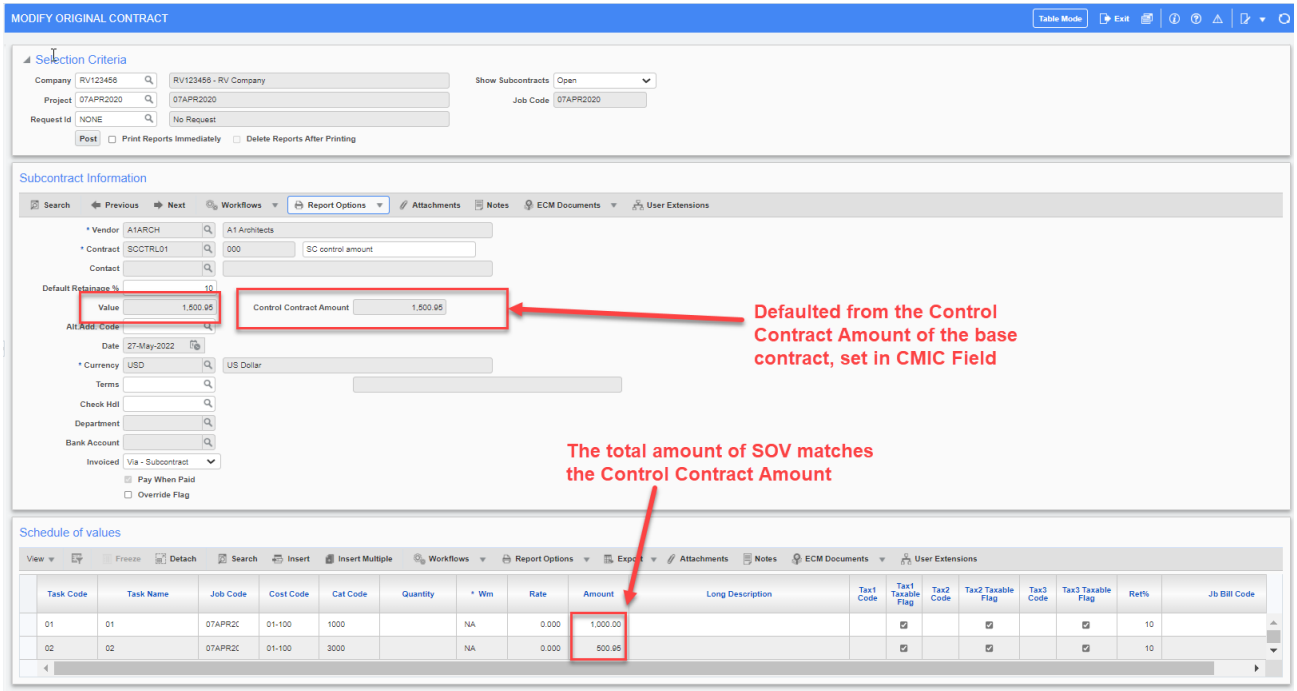
A field **Control Contract Amount** is added to the Modify Original Contract screen.

- The field is hidden by default, users may add this field via Lite Editor
- This defaults the value from Control Contract Amount of the base contract in CMIC Field.
- When a subcontract is modified via Modify Original Contract in ADF, the total amount of SOV should match the Control Contract Amount. If the total amount of SOV does not match the

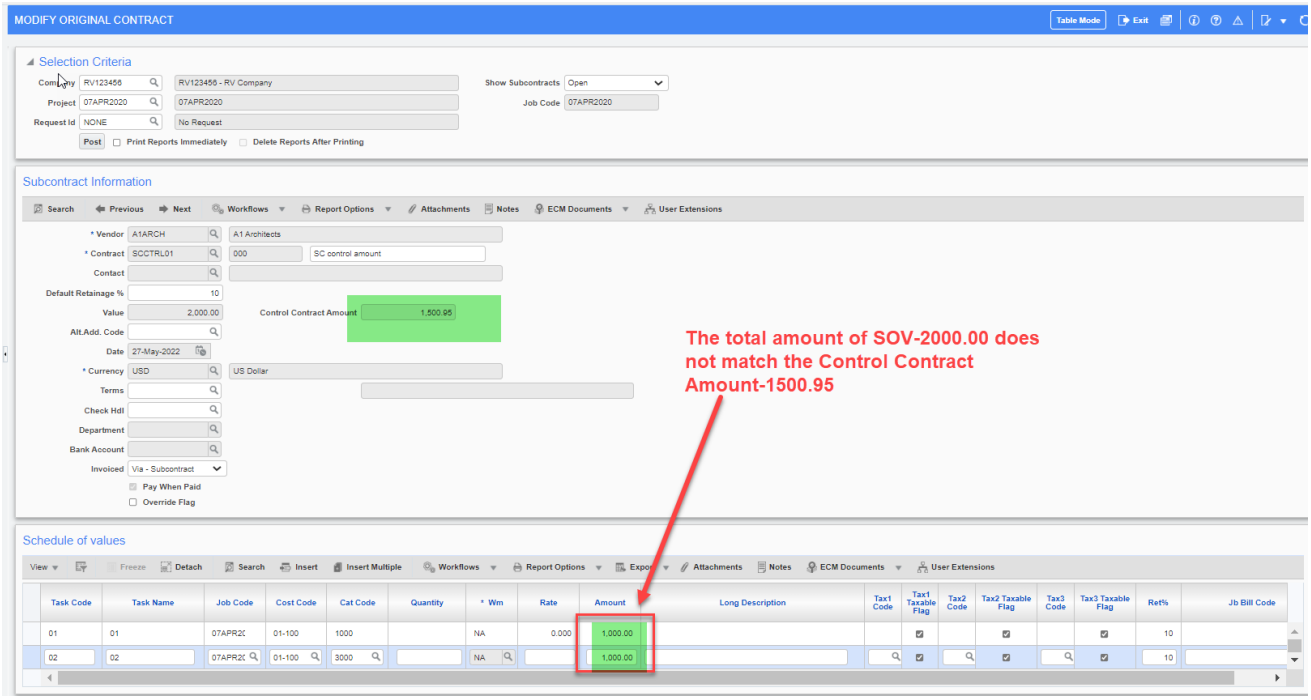
Control Contract Amount, users will not be allowed to proceed with an error message displayed. Users must fix the sum of SOV amounts to match the control contract amount.

Screenshots:



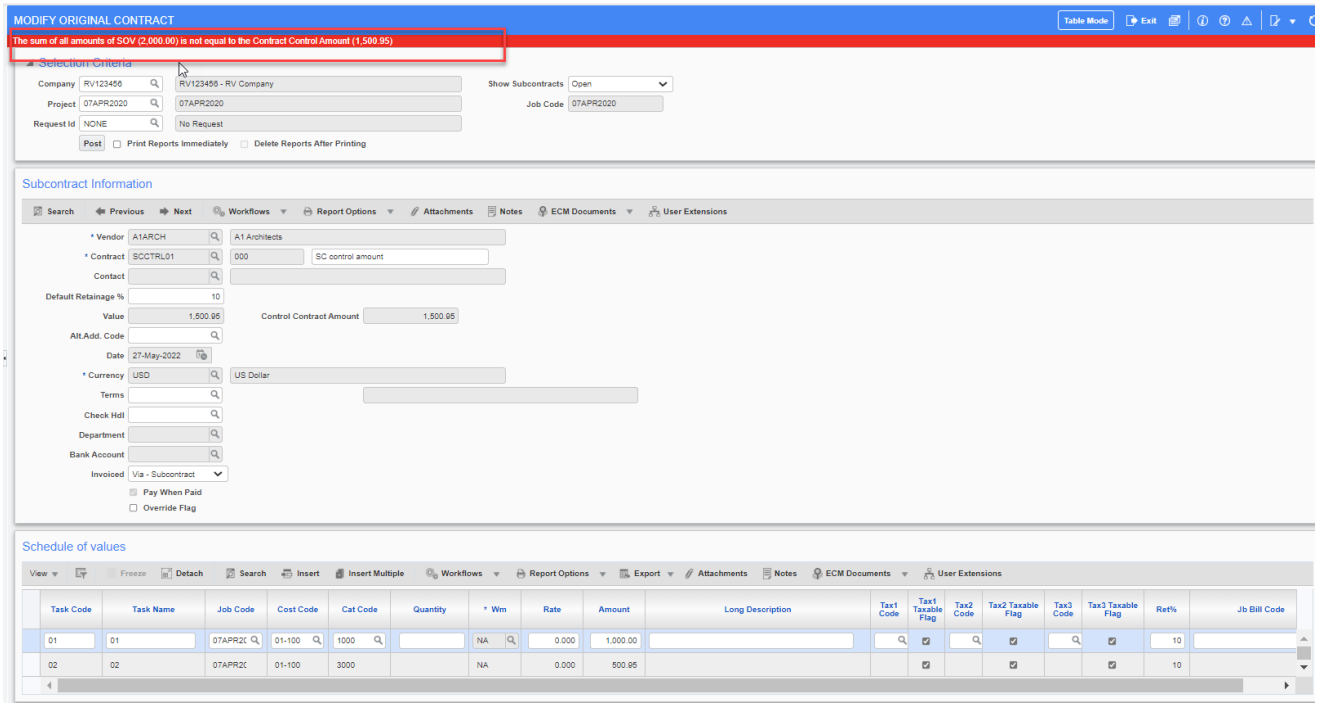


If the total amount of SOV does not match the Control Contract Amount, error message is displayed at the time of posting.



The following error message is shown at the time of posting

The sum of all amounts of SOV (2000.00) is not equal to the Contract Control Amount (1500.95)

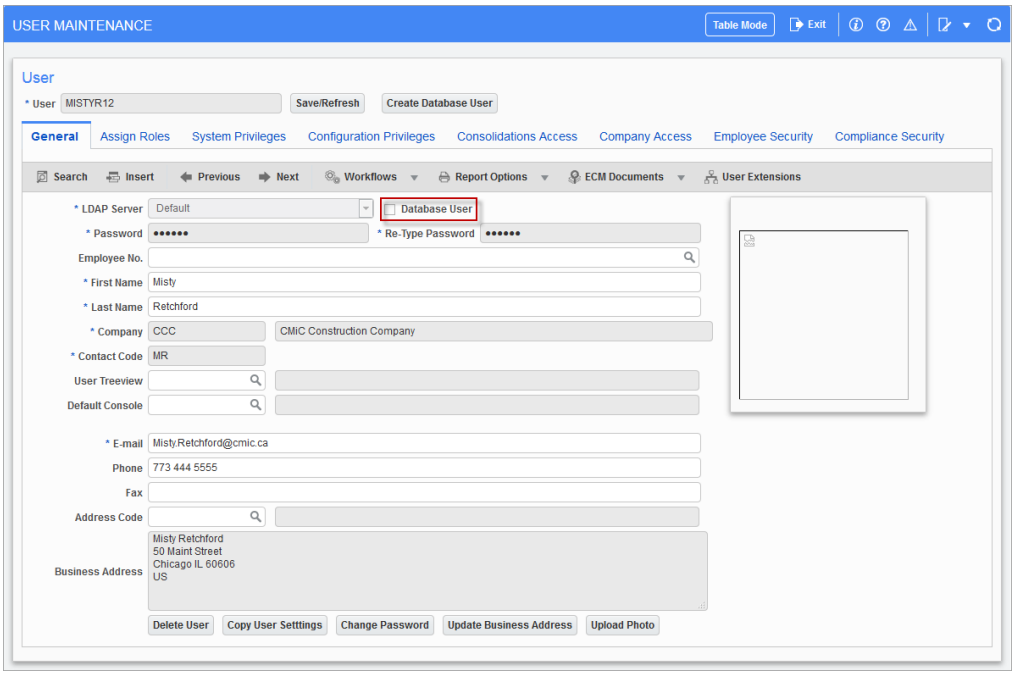


System Data

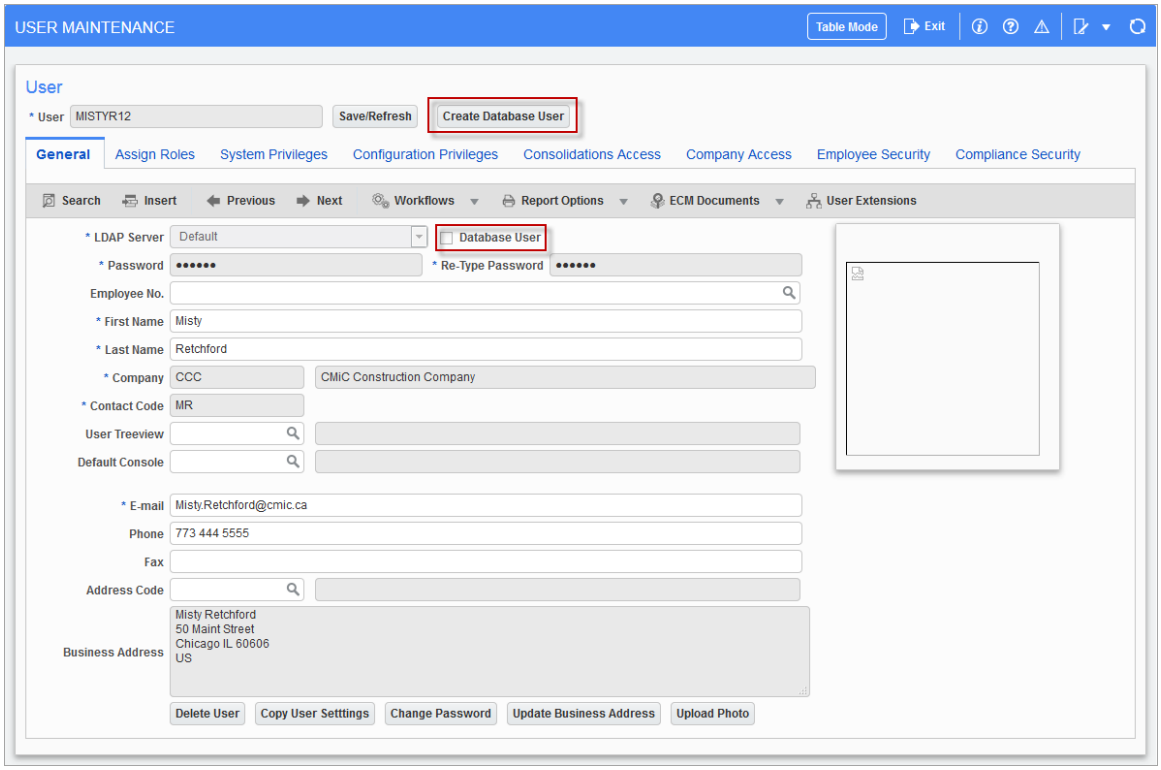
User Maintenance - Create Database User (17.46726)

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’

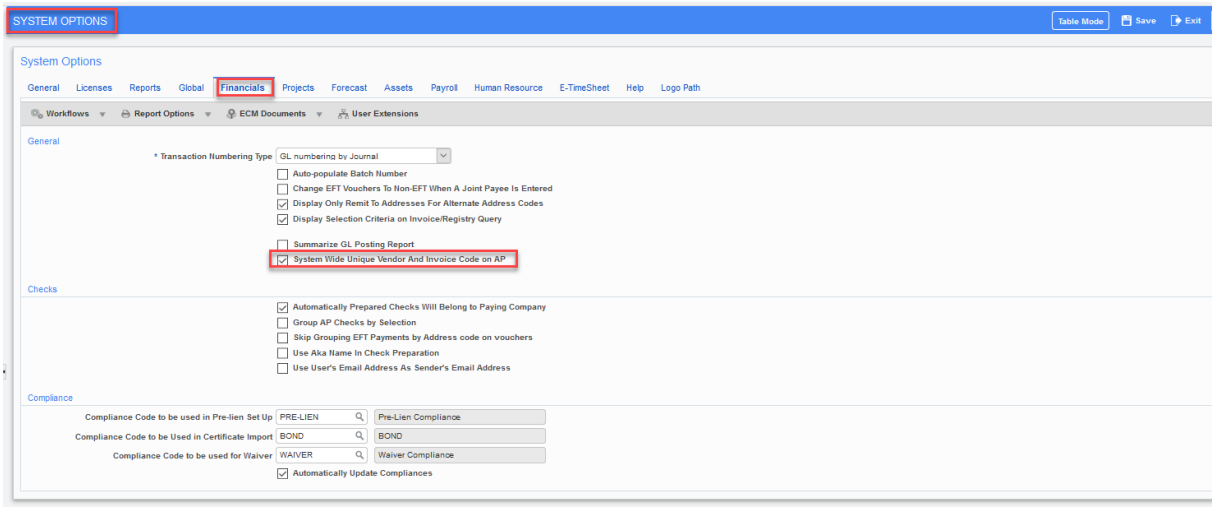


Ability to Prevent Duplicate Invoice Number Across Same Vendor in Different Companies (19.88590)

Modifications

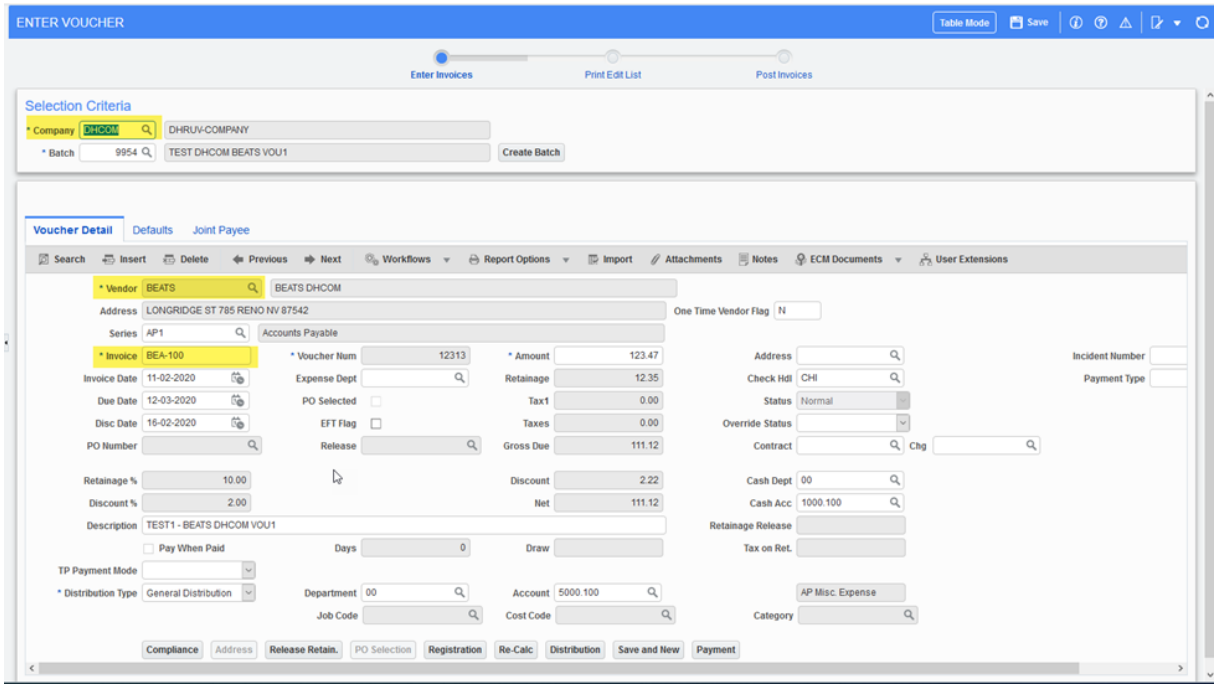
- Added a new flag ‘System Wide Unique Vendor and Invoice code on AP’ in ‘Financial’ tab in ‘System Options’.
- Default state of flag is ‘Checked’.
- If user needs previous functionality of duplication invoice number across same vendor in different companies, flag should be ‘Unchecked’.

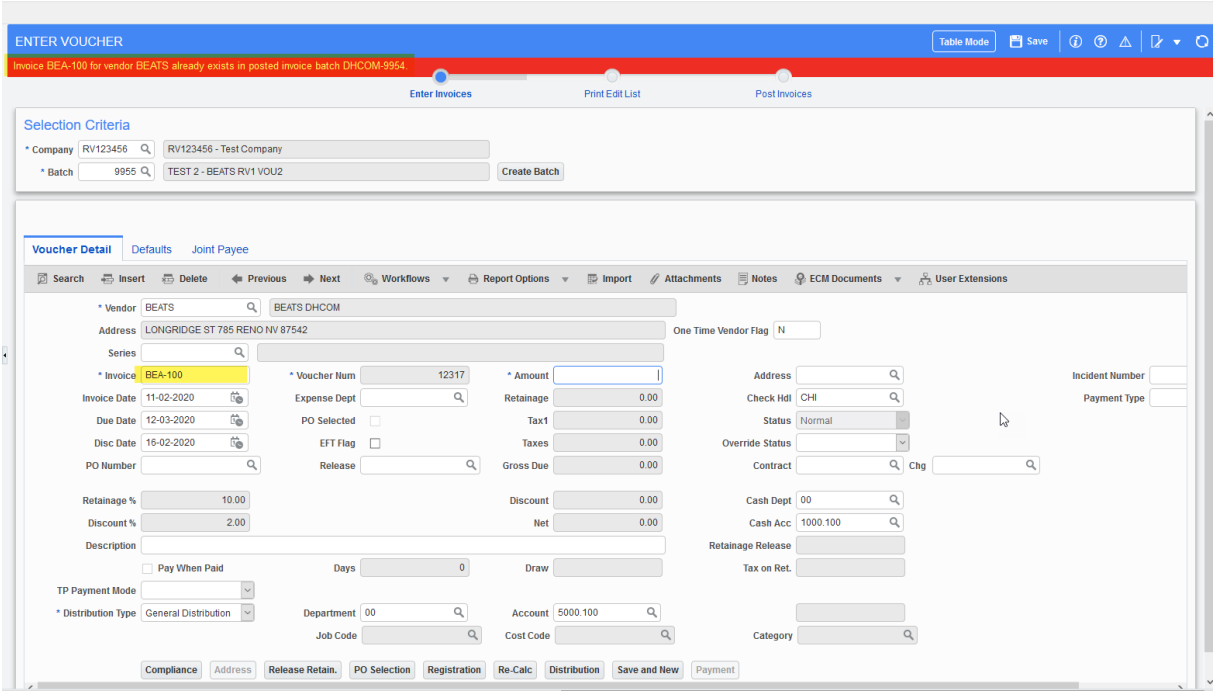
The following screen shows the modification performed.



'System Wide Unique Vendor and Invoice Code on AP' : When checked, it will prevent duplication of invoice number across different company with same vendor. If user wants to use duplicate invoice invoice number, this flag must be un-checked.

Examples



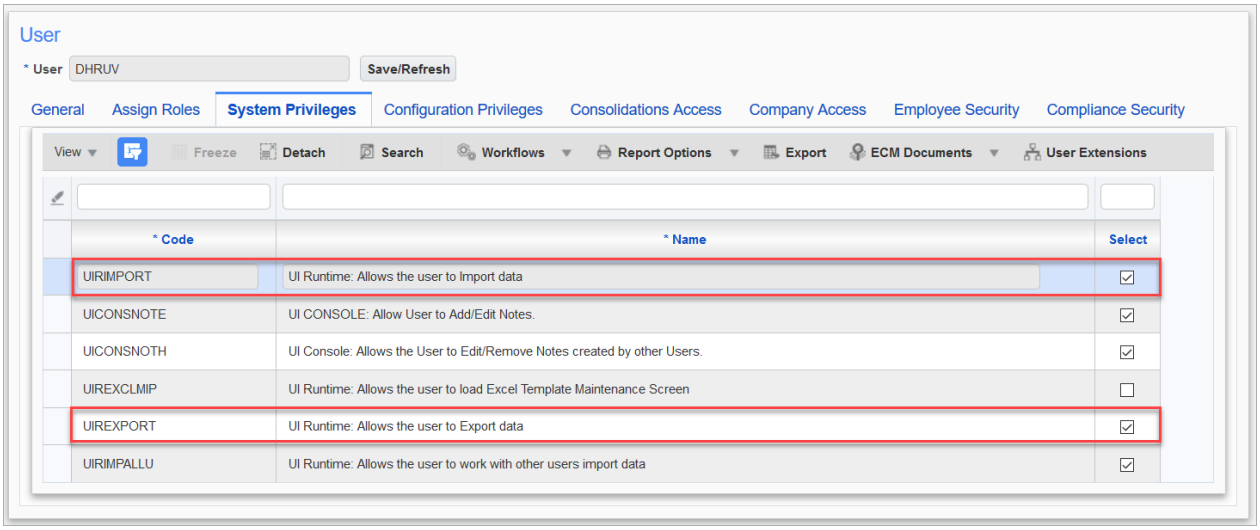


Added Privileges to Allow Users to Export and Import Data (20.20106)

Added a system privilege “UIREXPORT: Allows the user to export data”, which applies explicitly to export function button.

Also, modified the previously existing "UIRIMPEXP" privilege to read as "UIRIMPORT: Allows the user to import data” and applies only for the import function button.

These system security role privileges can be overridden at user level as required.



UIRIMPORT privilege:

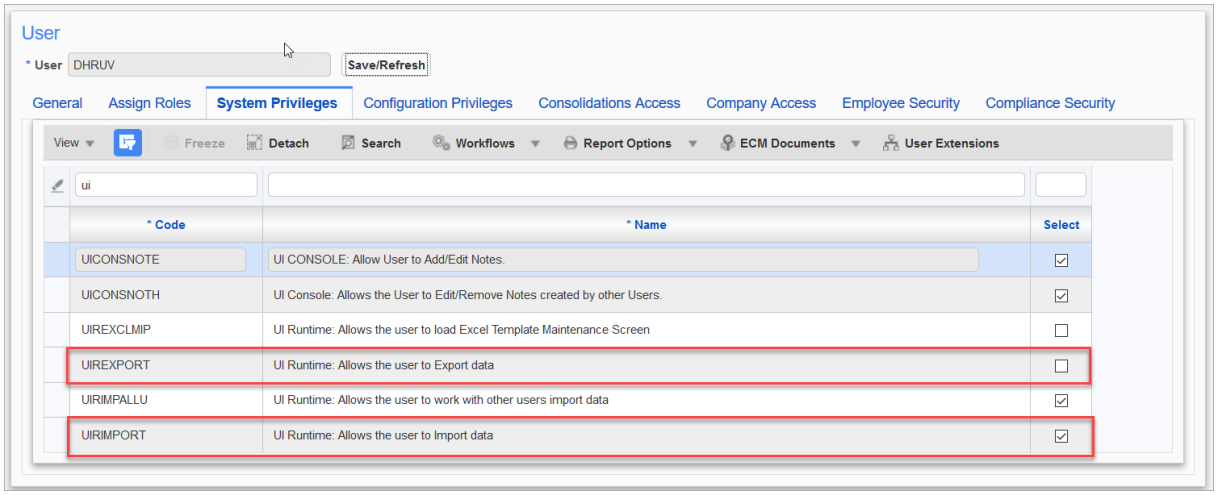
Checked: The **[Import]** button in the tool bar is available for the user.
Un-checked: The **[Import]** button in the tool bar is hidden.

UIREXPORT privilege:

Checked: The **[Export]** button in the tool bar is available for the user.
Un-checked: The **[Export]** button in the tool bar is hidden.

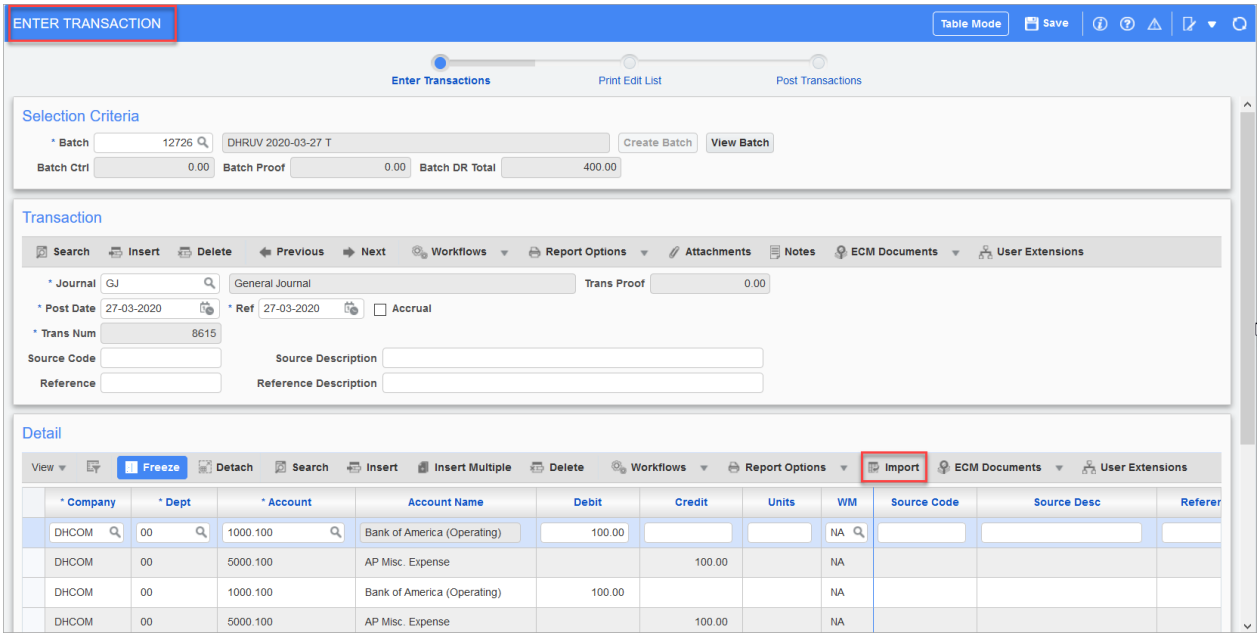
Test Case 1:

UIRIMPORT: Checked
UIREXPORT: Un-checked



User > User Maintenance > System Privileges

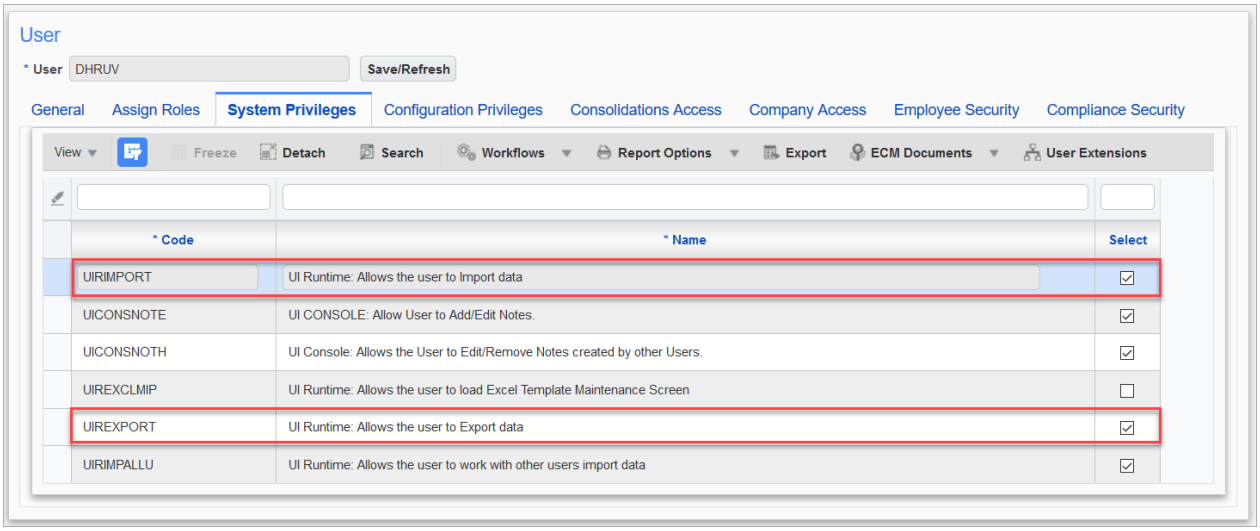
In the above screen user has privilege only for UIRIMPORT, import button is available for user, where as the export button is hidden.



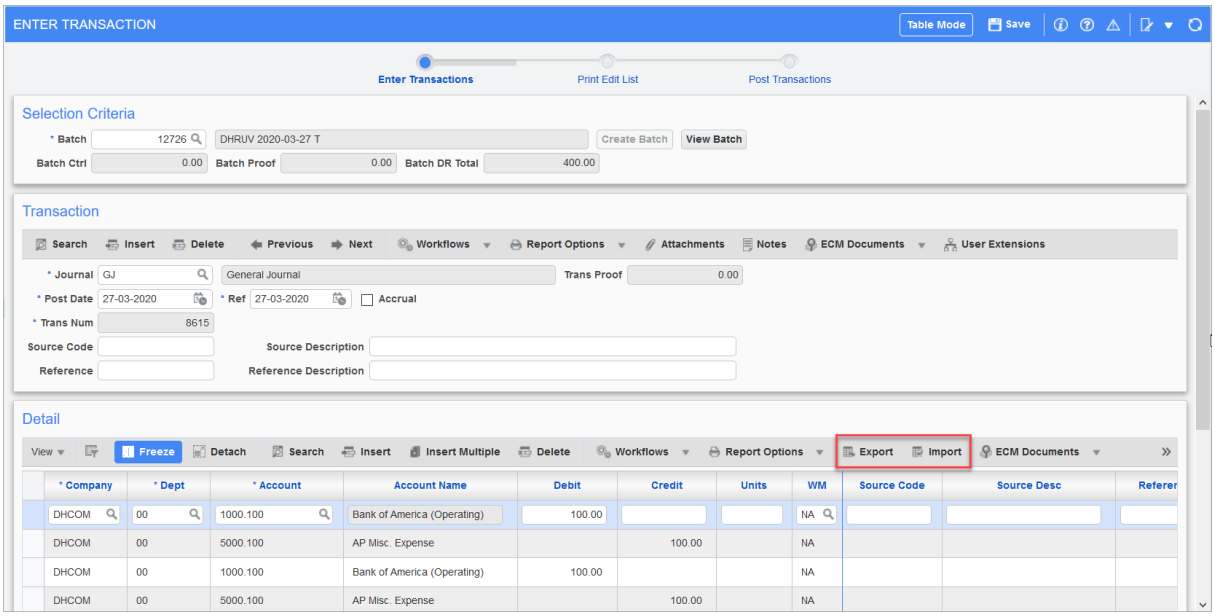
GL > Transaction > Enter Transaction

Test Case 2:

UIRIMPORT: Checked
UIREXPORT: Checked



'UIRIMPORT' and 'UIREXPORT' privileges are checked for the user

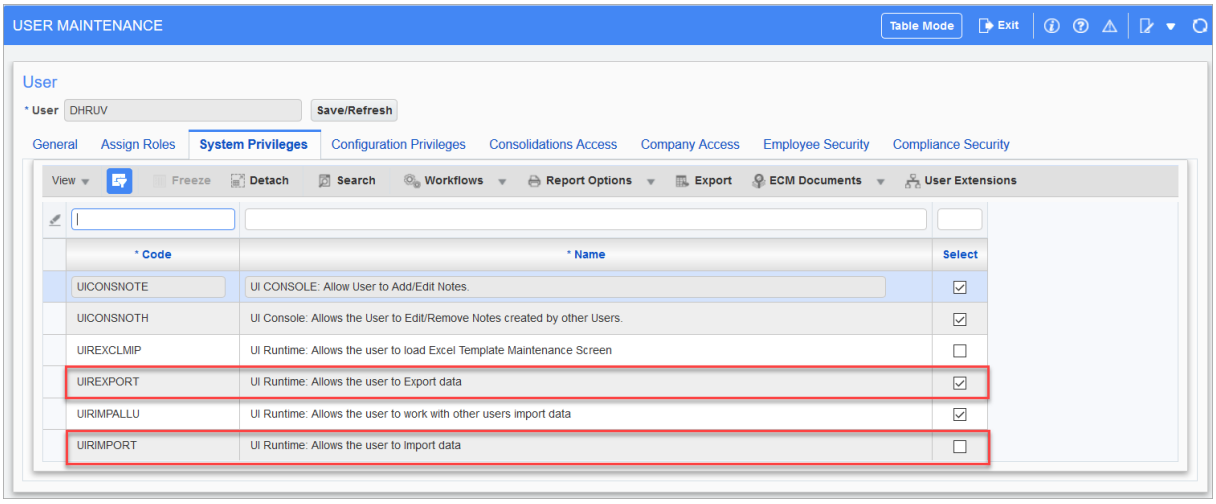


GL > Transaction > Enter Transaction

Both, **[Export]** and **[Import]** buttons are available for the user.

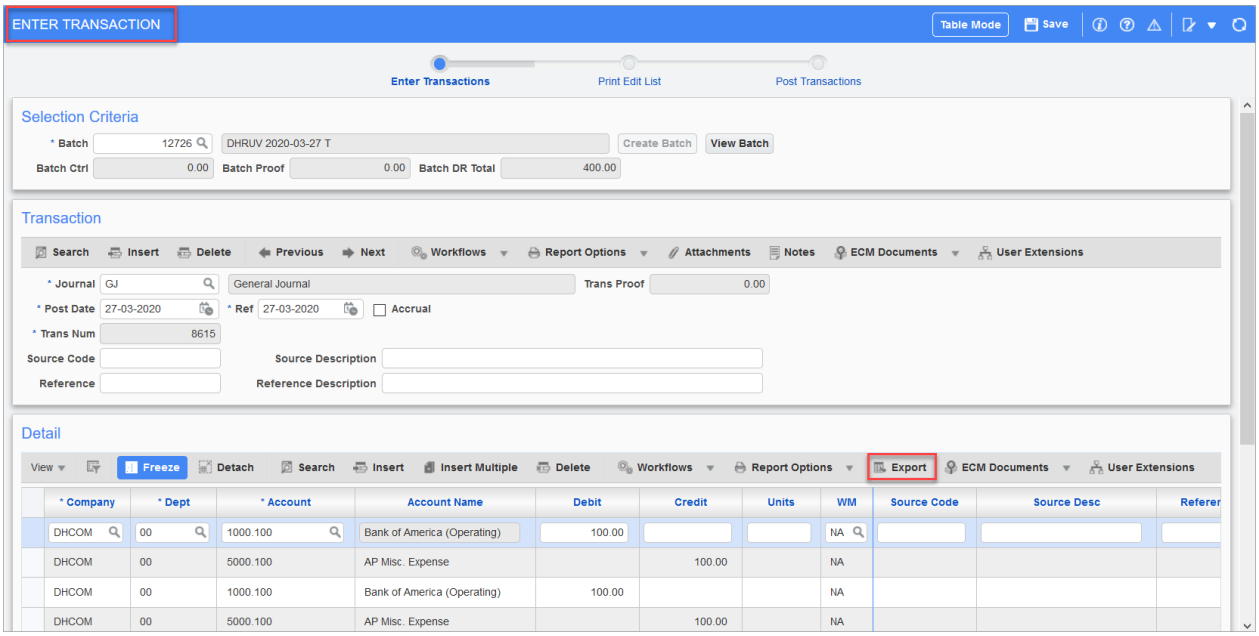
Test Case 3:

UIRIMPORT: Un-checked
UIREXPORT: Checked



'UIEXPORT' privilege is checked for the user

If only the 'UIEXPORT' privilege is checked for the user, only export button is available, and the import button is hidden for the user.



GL > Transaction > Enter Transaction

‘WELFARGO_4’ File Format for Check Reconciliation (20.21034)

Create a new Check Reconciliation Comma Delimited CSV file format for Wells Fargo Bank

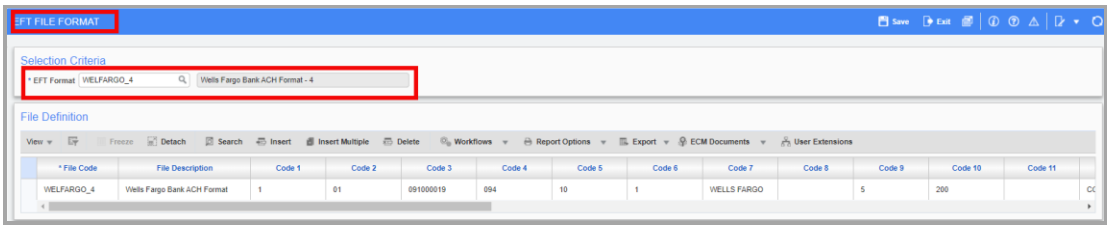
Modifications:

The below fields will be used for Check Reconciliation and must be present in the file. File must only contain the paid check transactions only.

1. Account Number (Bank Account Number)
2. Serial Number/Reference Number (Cheque Number)
3. Amount (Cheque Amount)
4. Posted Date (Paid Date)

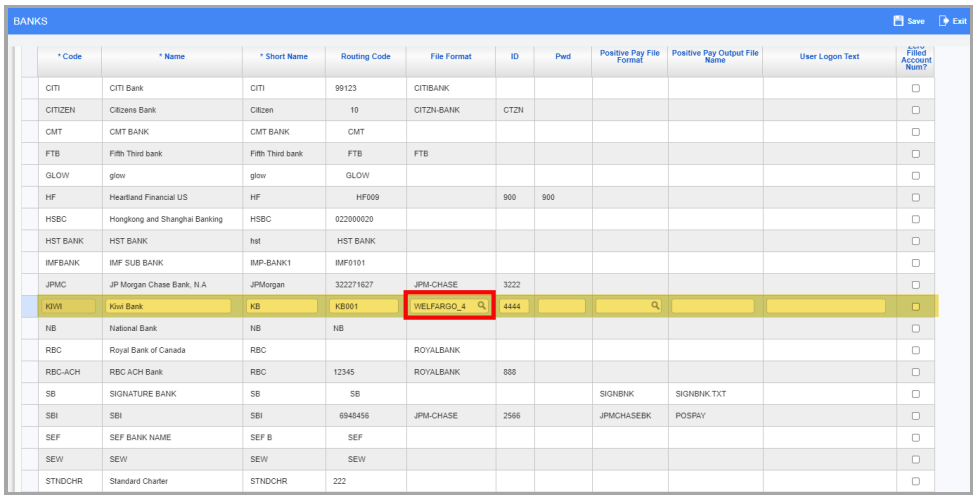
This will be done on V10X and R12 ADF.

Setting up File Format



AP > Setup>Global Tables > EFT Formats

Assign the File Format to the bank.

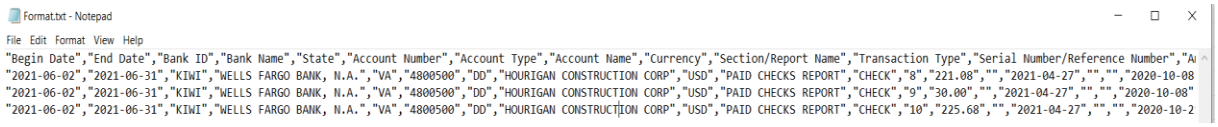


* Code	* Name	* Short Name	Routing Code	File Format	ID	Pwd	Positive Pay File Format	Positive Pay Output File Name	User Logon Text	Filled Account Num?
CITI	CITI Bank	CITI	99123	CITIBANK						
CITIZEN	Citizens Bank	Citizen	10	CITZN-BANK	CTZN					
CMT	CMT BANK	CMT BANK	CMT							
FTB	Fifth Third bank	Fifth Third bank	FTB	FTB						
GLOW	glow	glow	GLOW							
HF	Heartland Financial US	HF	HF009		900	900				
HSBC	Hongkong and Shanghai Banking	HSBC	022000020							
HST BANK	HST BANK	hst	HST BANK							
IMFBANK	IMF SUB BANK	IMP-BANK1	IMF0101							
JPMC	JP Morgan Chase Bank, N.A	JPMorgan	322271627	JPM-CHASE	3222					
KIWI	Kiwi Bank	KB	KB001	WELFARGO_4	4444					
NB	National Bank	NB	NB							
RBC	Royal Bank of Canada	RBC		ROYALBANK						
RBC-ACH	RBC ACH Bank	RBC	12345	ROYALBANK	888					
SB	SIGNATURE BANK	SB	SB				SIGNBNK	SIGNBNK.TXT		
SBI	SBI	SBI	6948456	JPM-CHASE	2566		JPMCHASEBK	POSPAY		
SEF	SEF BANK NAME	SEF B	SEF							
SEW	SEW	SEW	SEW							
STNDCHR	Standard Charter	STNDCHR	222							

System Data> Global Tables > Banking> Banks

System Data> Global Tables > Banking> Electronic Reconciliation >Bank Reconciliation

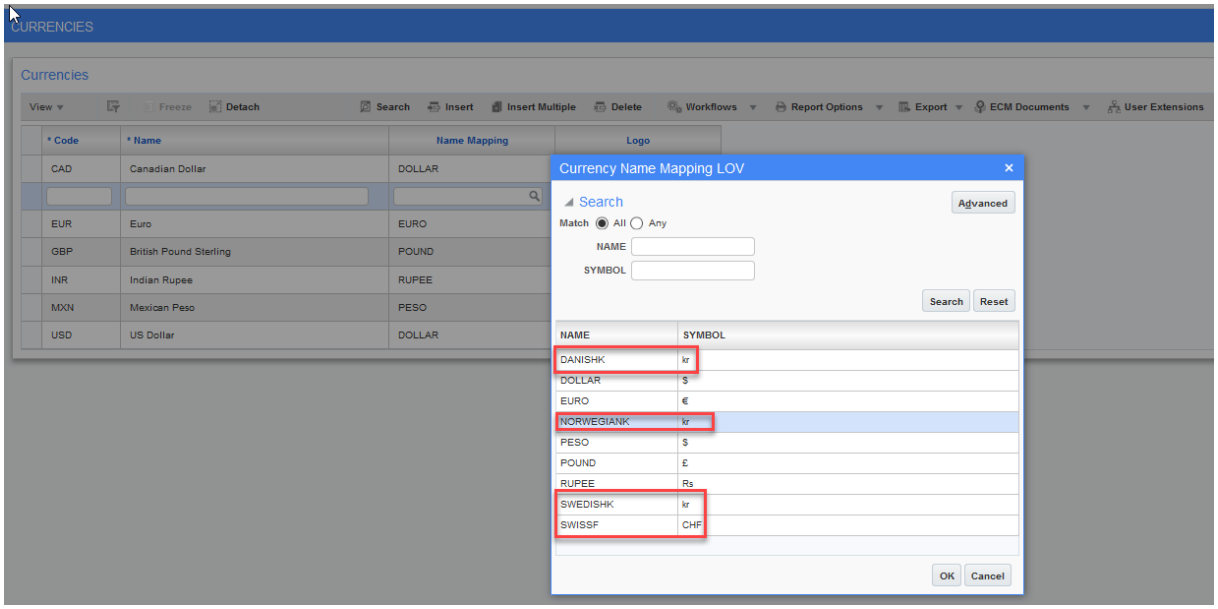
Sample Bank Reconciliation file:



New Currencies (21.40210)

The following 4 currencies are added in the Currency table:

1. Swiss Franc - CHF
2. Danish Krona - DKK
3. Swedish Krona - SEK
4. Norwegian Krona – NOK

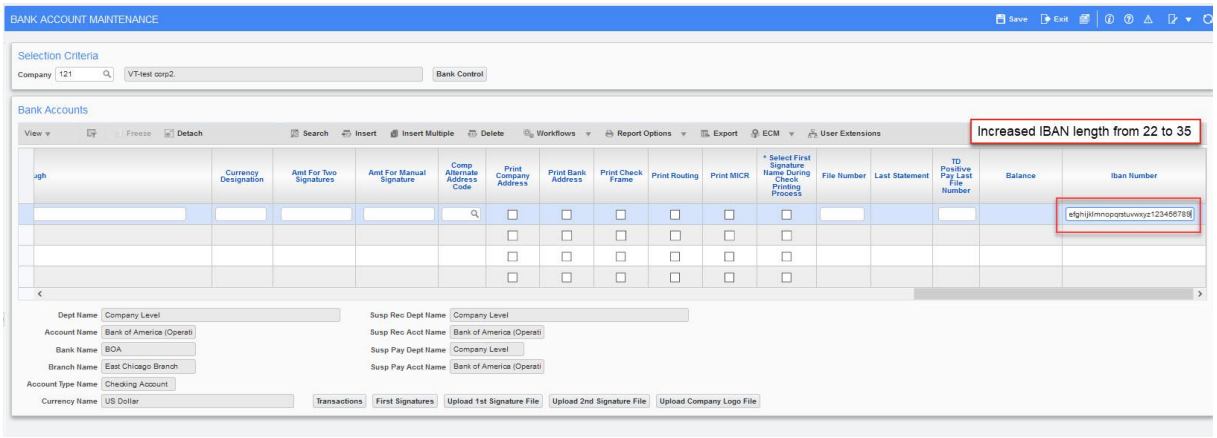


System Data> Global Tables> Banking> Currencies

Increased IBAN Number Code Limit (21.40616)

Increased IBAN number code in the bank code setup from 22 Characters to 34 characters.

Modifications:



System Data> Global Tables> Banking> Bank Account

French and Spanish Translations – BETA Version (21.37298)

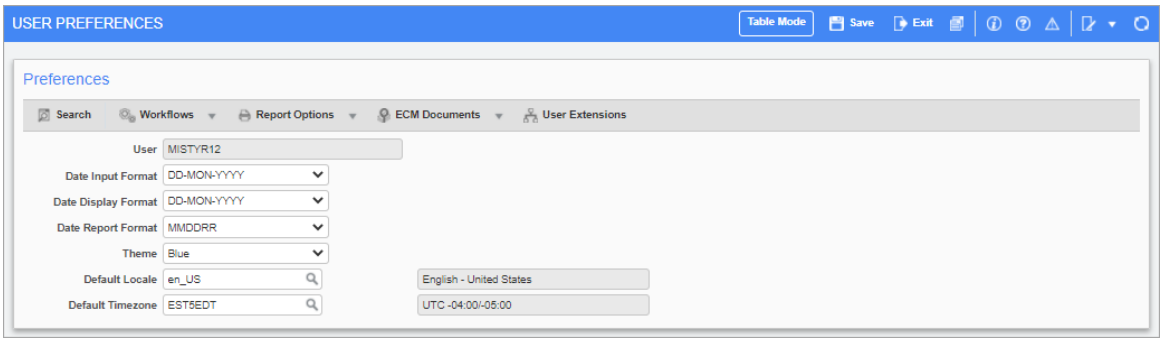
Overview

CMiC has released French and Spanish translations for ADF programs (UIRuntime, UIConsole, etc.). These two translations were released in patch 14-2 for Cloud and patch 15-1 for Enterprise customers.

The language pack was initially machine translated and we are in the process of reviewing its accuracy. Until we have completed this analysis, we will be publishing the language pack as BETA.

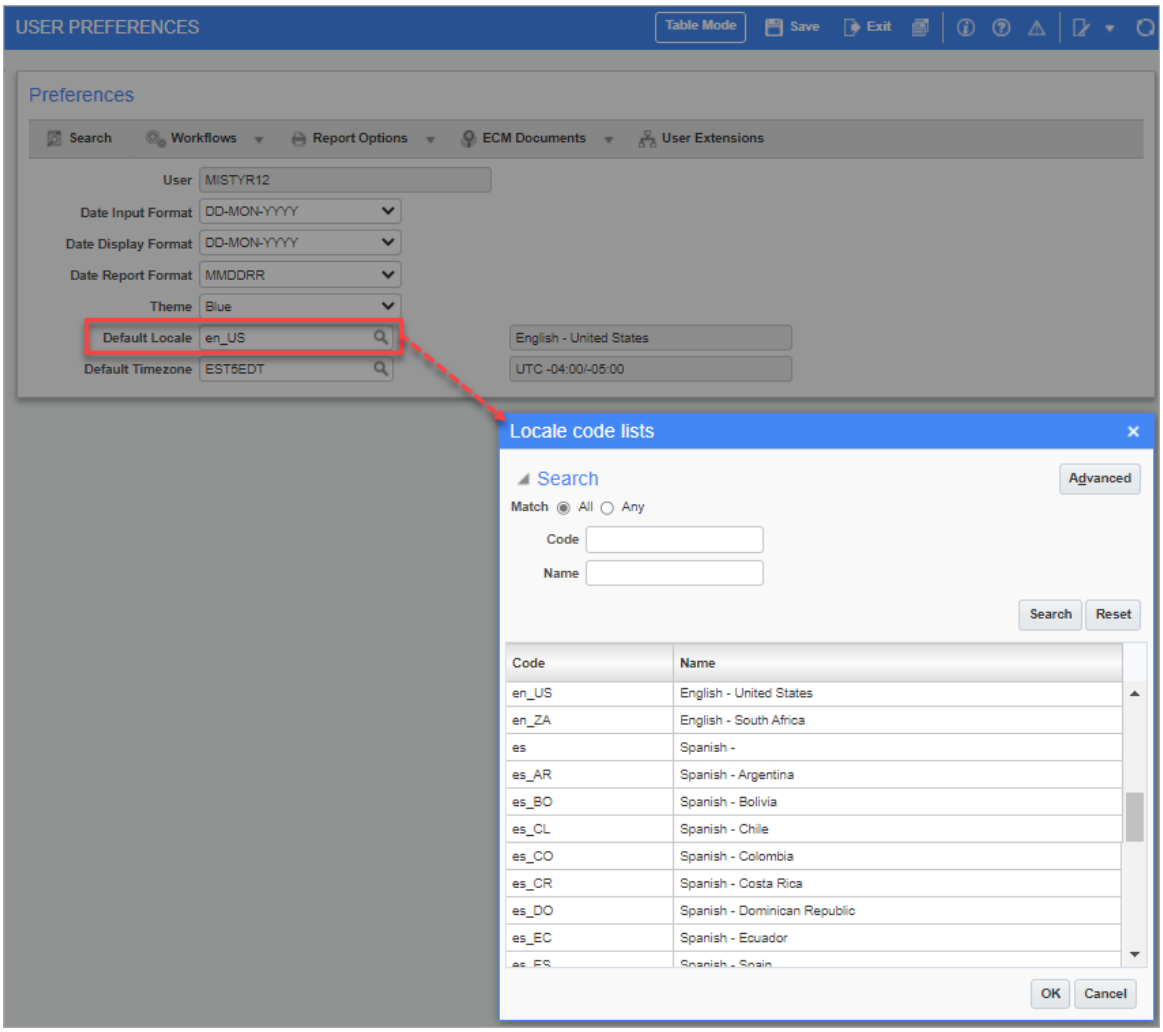
NOTE: Currently, not all screens support French and Spanish as display languages (e.g. JSP).

Modifications



Pgm: SDUPREF –User Preferences; standard Treeview path: System > Preferences > User Preferences

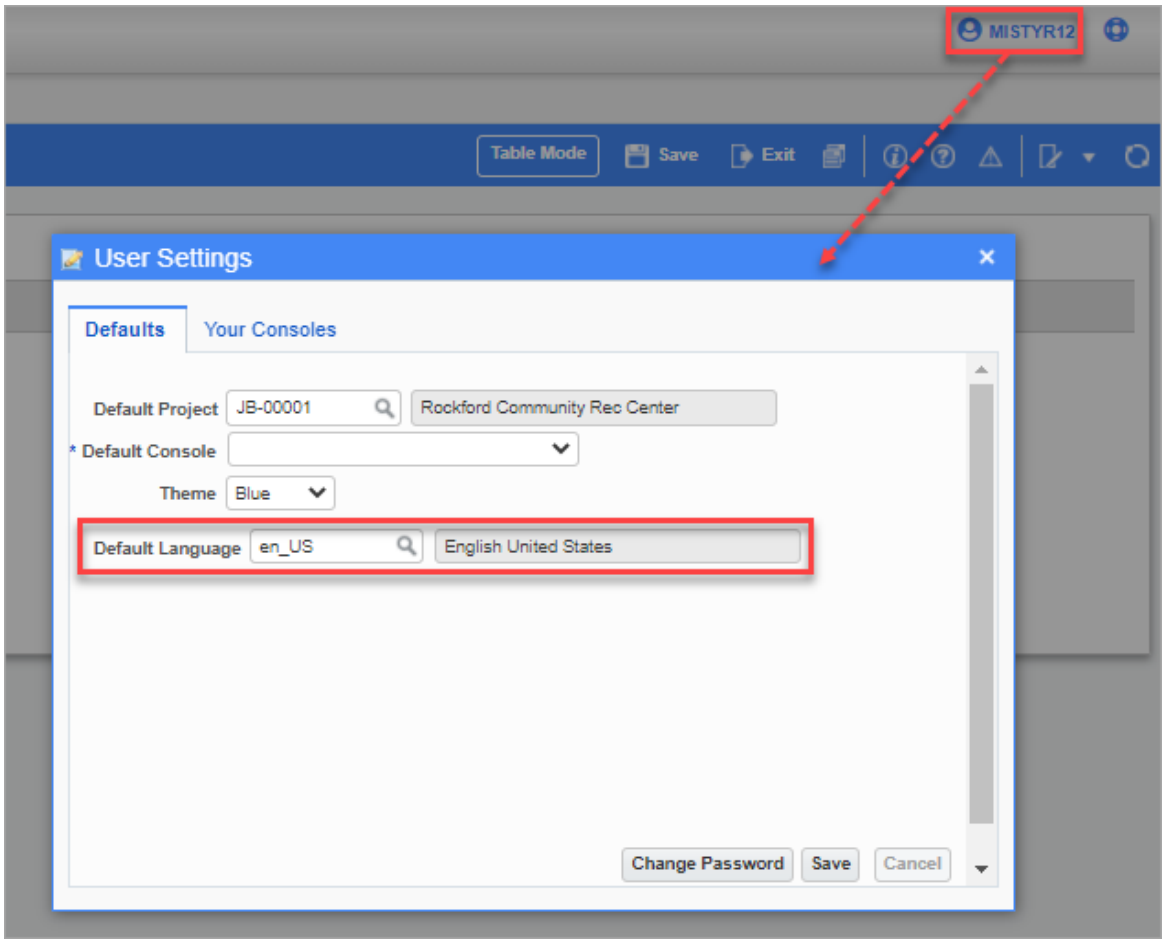
The User Preferences screen in the System Data module is used to define preferences for the selected user.



Pop-up window launched from Default Local field

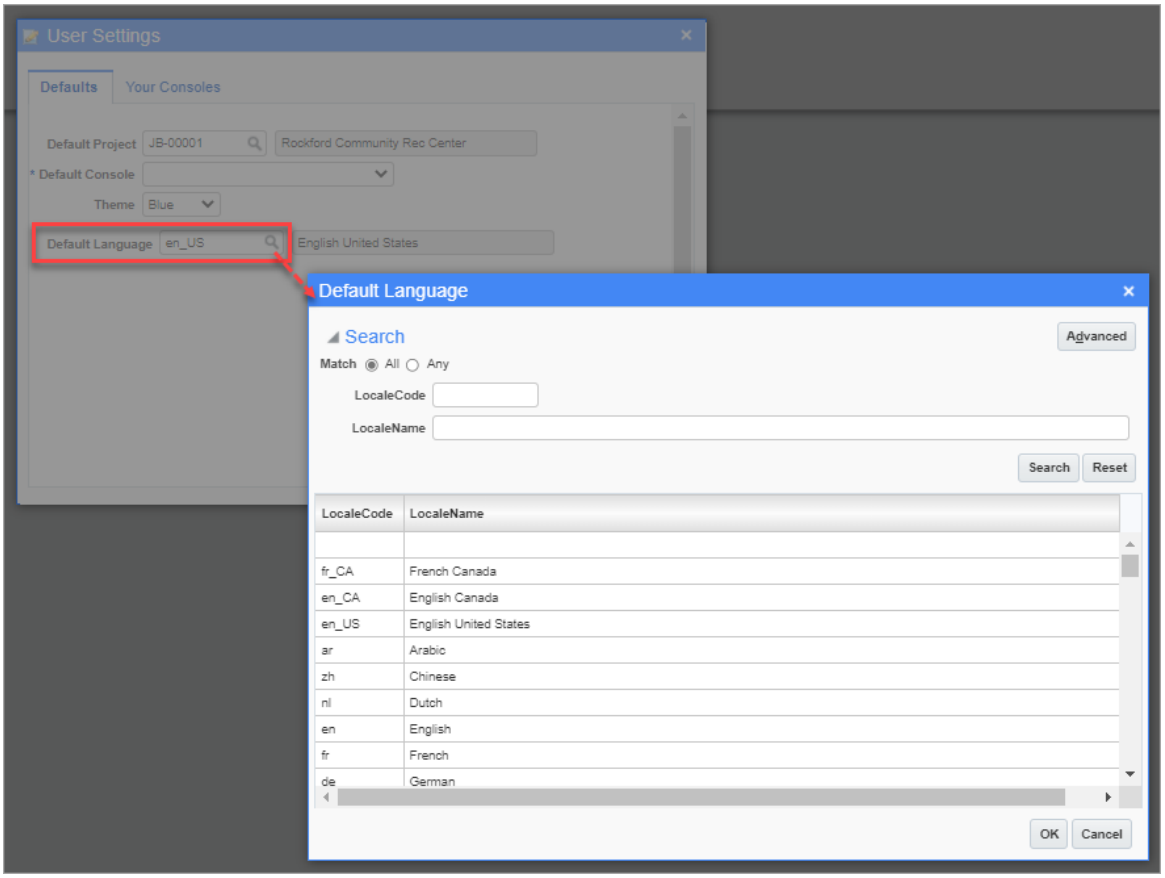
The Default Locale field is used to define the display language for ADF software screens (i.e. UIRuntime, UIConsole, etc.). By default, this field is set to "en_US" which displays ADF screens in US - English. With this enhancement, Spanish and French are now available as base languages, so local codes which start with the prefix "es_" (e.g. es_US, es_Spain, etc.) will display in Spanish and local codes which start with the prefix "fr_" (e.g. fr_Canada, fr_France, etc.) will display in French.

NOTE: As soon as 15-1 is installed, users whose Default Locale field is set to anything that starts with “es” and “fr” will see all the text on their screens translated to their language.

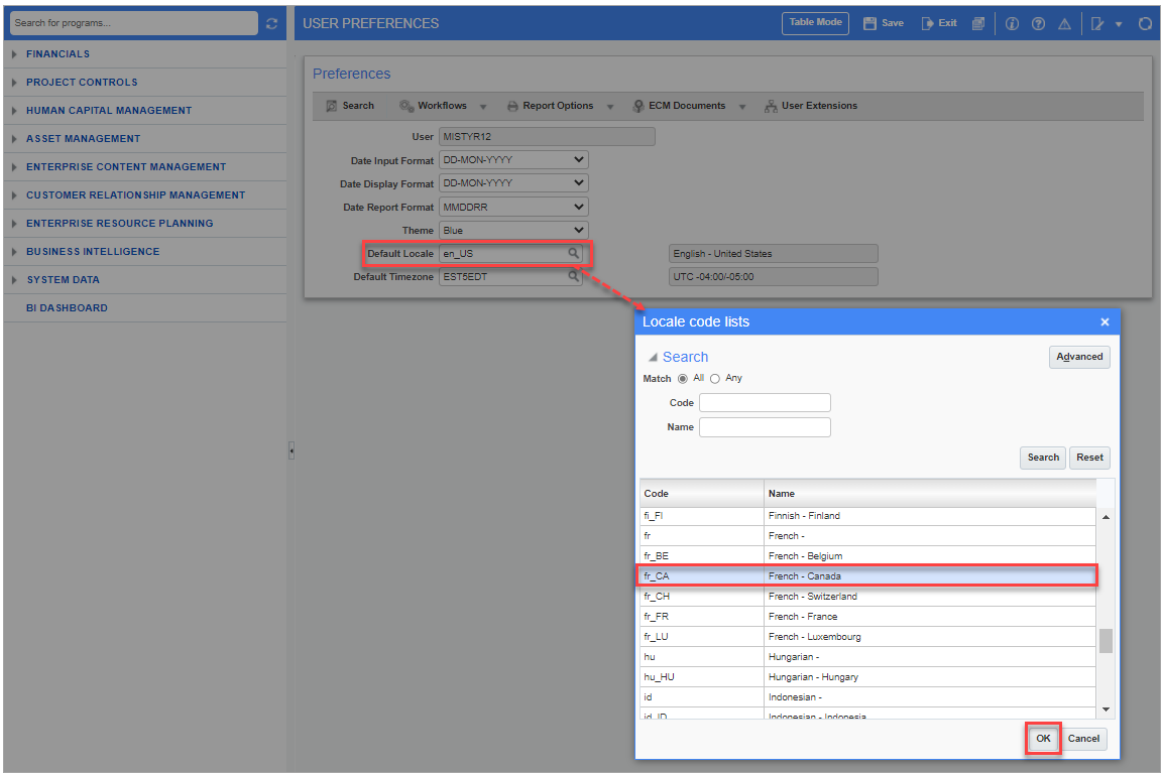


User Settings pop-up window launched from console

The default display language can also be set in the User Settings pop-up window launched from the user’s console.

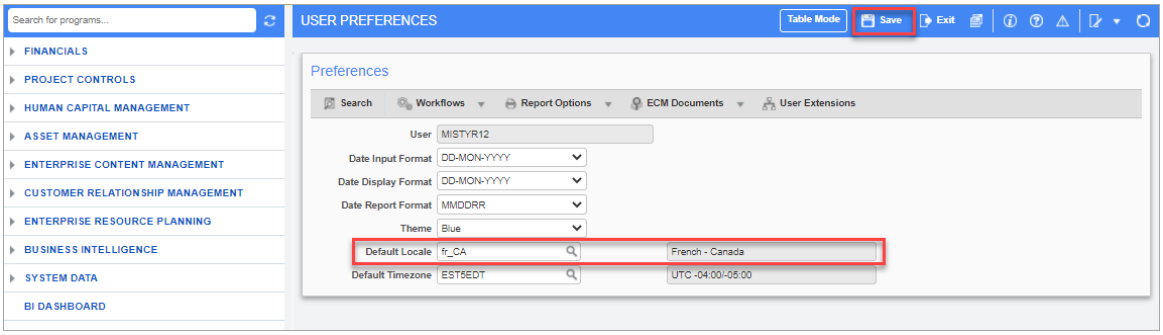


Implementation

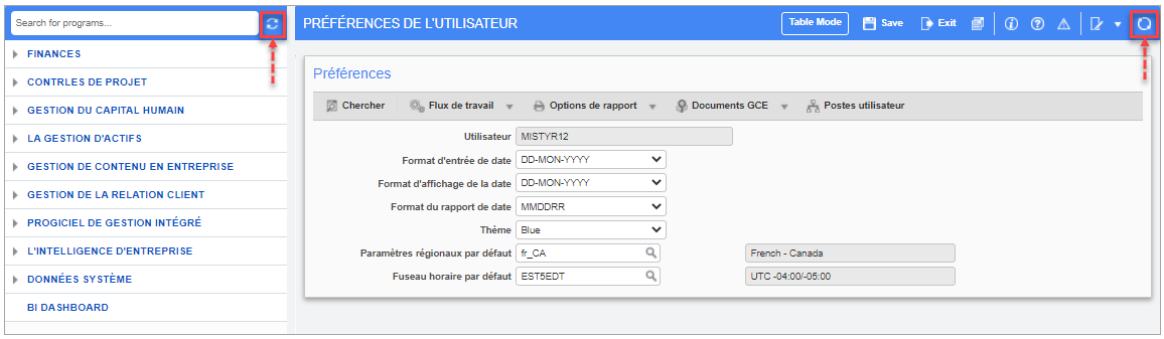


Pgm: SDUPREF –User Preferences; standard Treeview path: System > Preferences > User Preferences

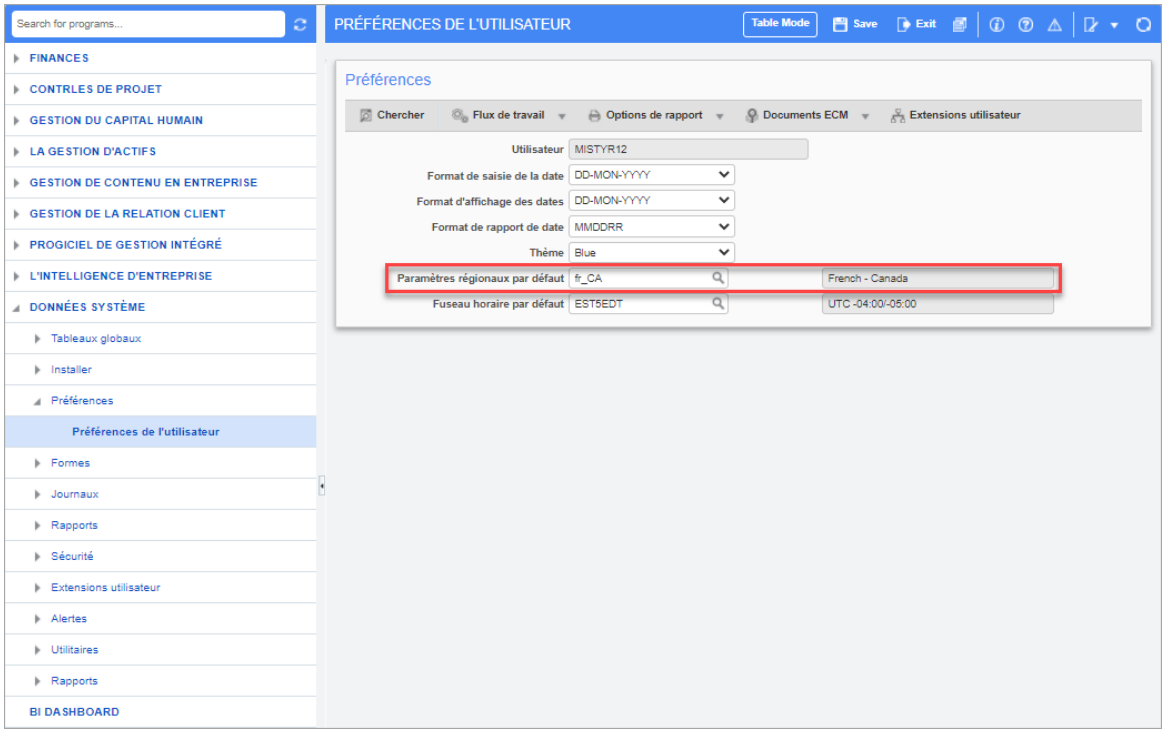
Open the User Preferences screen and click on the Default Locale field to launch the Local Code Lists pop-up window, which lists base languages and their associated country-specific variants. Select “fr_CA”, which will switch the default display language to "French - Canada" (i.e. the base language will be French and the locale will be Canada). Click [**OK**] to close the window.



Click [**Save**] on the console to save your changes.



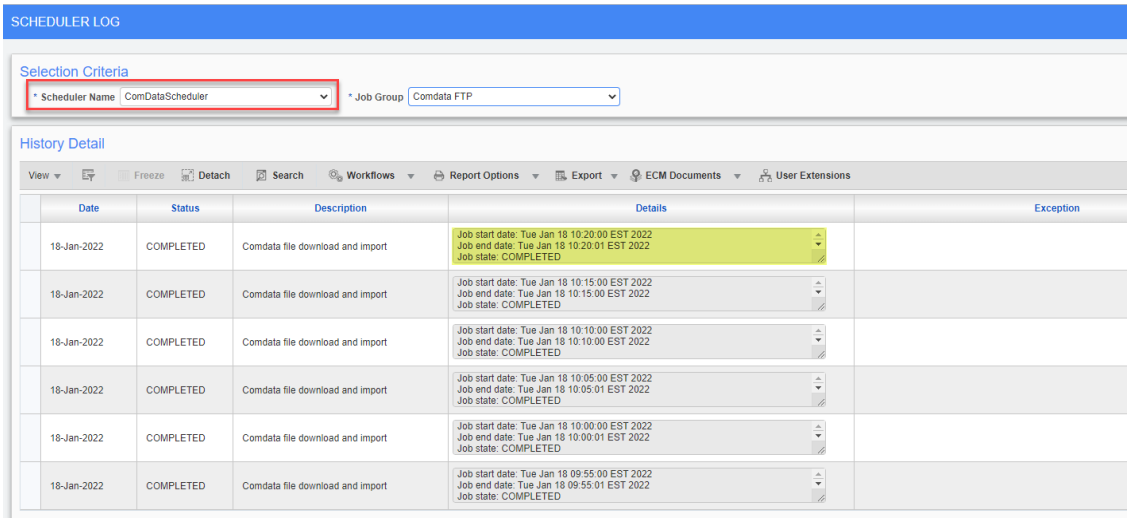
Click the Refresh icon on the console and in the treeview to refresh the screen and update the default display language.



Example of Default Locale Set to French – Canada

The text in the treeview menu and the screen is displayed in French - Canada.

ComDataScheduler Job Frequency Update (21.48630)



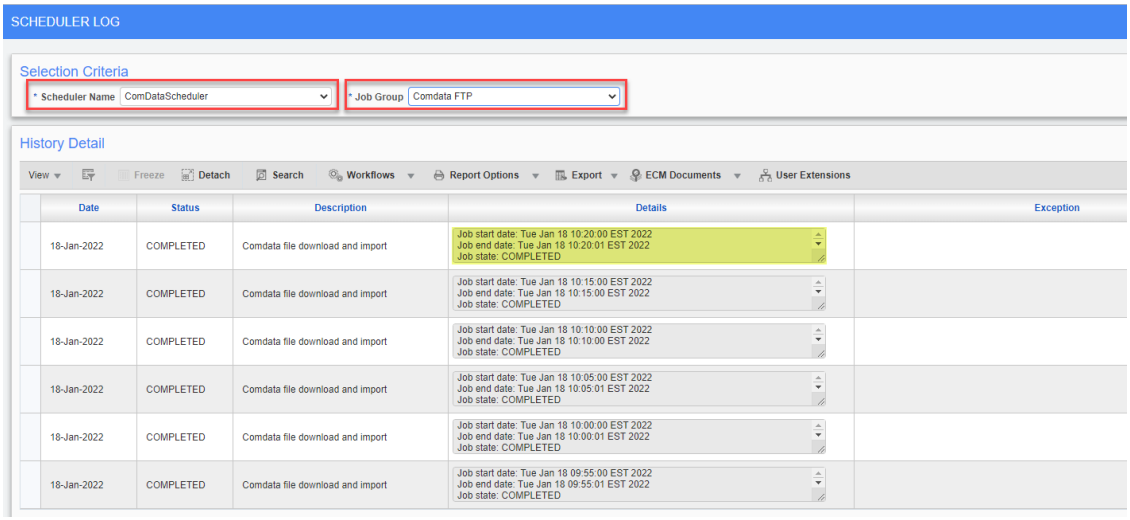
System Data > Utilities > Scheduler Log

The ComDataScheduler log displays the details of every run with Date/Time stamp. The default value is set at 60 minutes, which means it runs hourly. System Administrators/Database Managers may set the frequency to as low as 5 minutes to a maximum of 60 minutes as required.

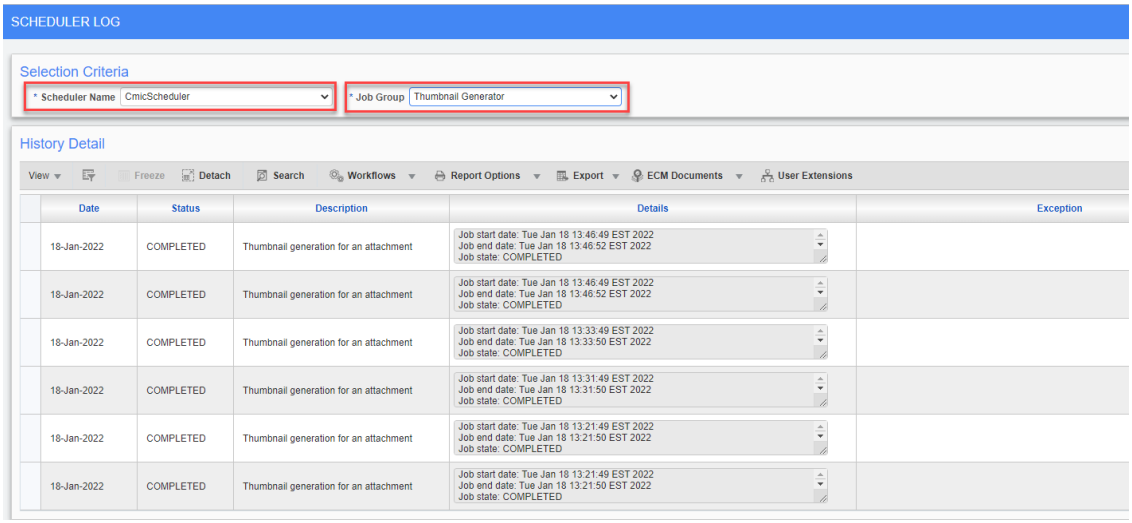
Scheduler Log – COMDATA Scheduler Enhancement (22.52820)

The COMDATA Scheduler is now a standalone job dedicated for COMDATA processing to ensure uninterrupted running when other jobs such as Thumbnail Generator might interrupt due to high volume data.

This ensures COMDATA Scheduler run at pre-determined frequency un-interrupted so that payment processing happens as per schedule.



System Data>Utilities>Scheduler Log >ComDataScheduler



System Data>Utilities>Scheduler Log >CMiCScheduler

COMDATA – Processing Improvements (19.84365-35/36)

COMDATA Processor is enhanced to skip any invalid files and continue to process the files in the folder and successfully import them into CMiC Check preparation program. The Comdata File folder on the server would have the invalid files left on the server, and users may review as required.

Toolbars (Screen & Block Toolbar)

This section is currently under development.

UI Runtime System Options

This section is currently under development.

UI Runtime Enhancements

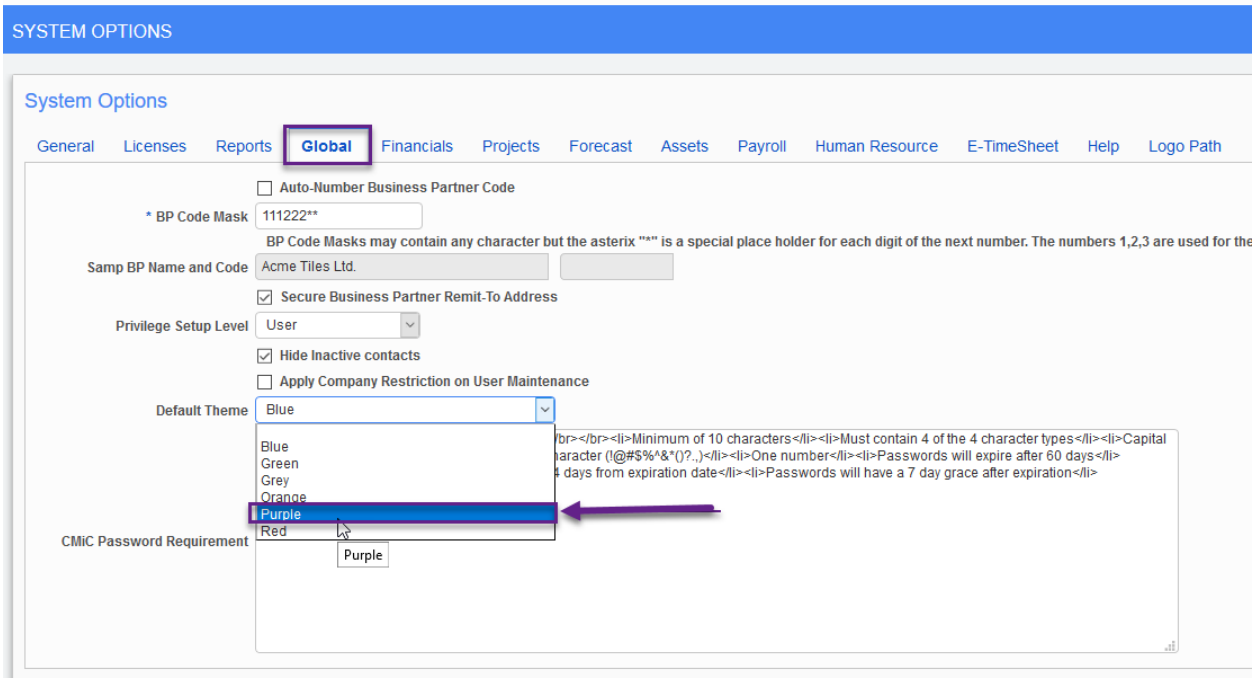
This section is currently under development.

Tools

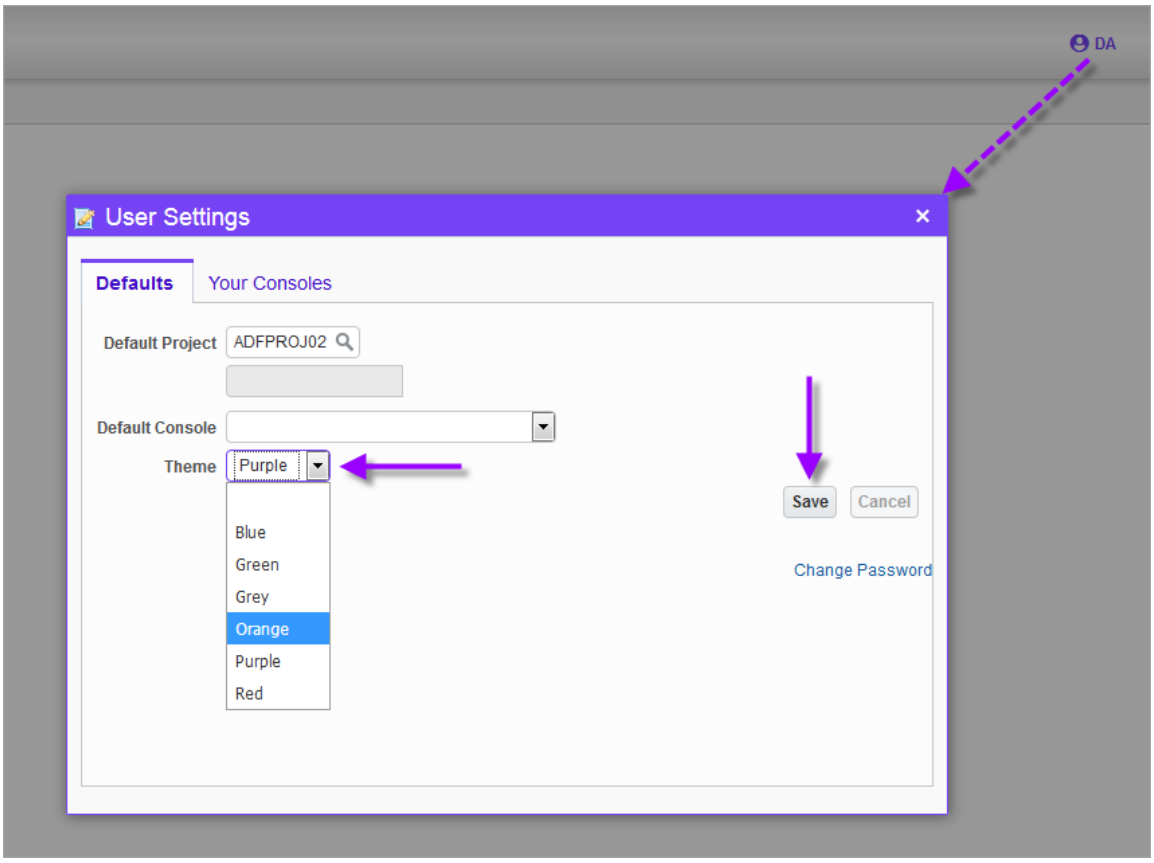
User Defined Color (skin) selection for UI Console (18.61272)

CMiC has modified UIConsole, UIRuntime and UILogs2 programs to use the new setting to apply color changes.

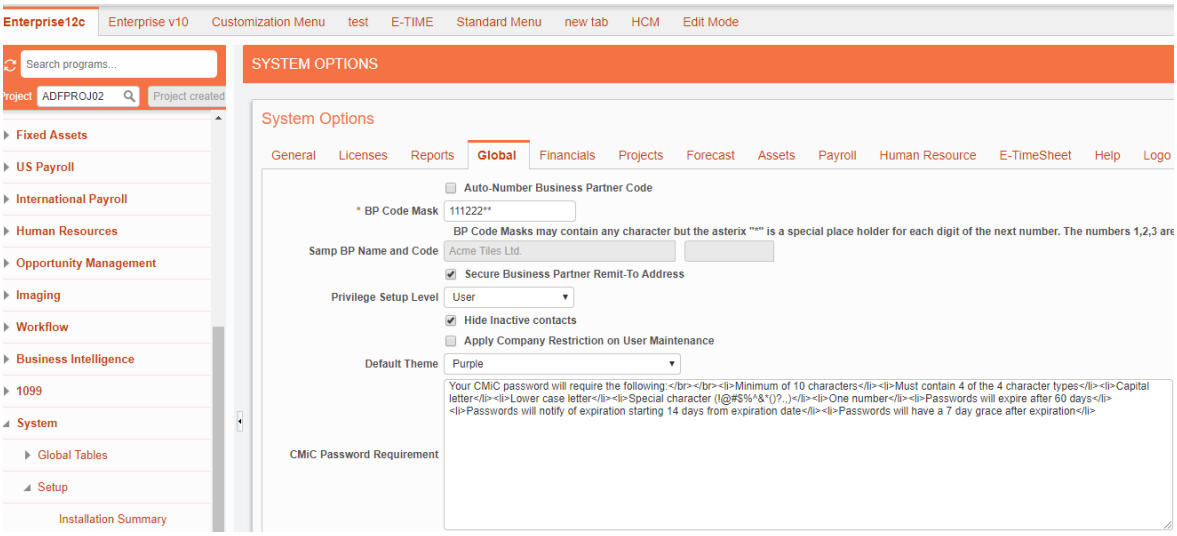
Added the ability to change the application skin color in UIConsole, UIRuntime and UILogs2. By default, screen color (theme) will be set at the system level (SYSOPT). If a Default Theme is not chosen at the system level and this field is left empty, then the CMiC Default Theme will apply.

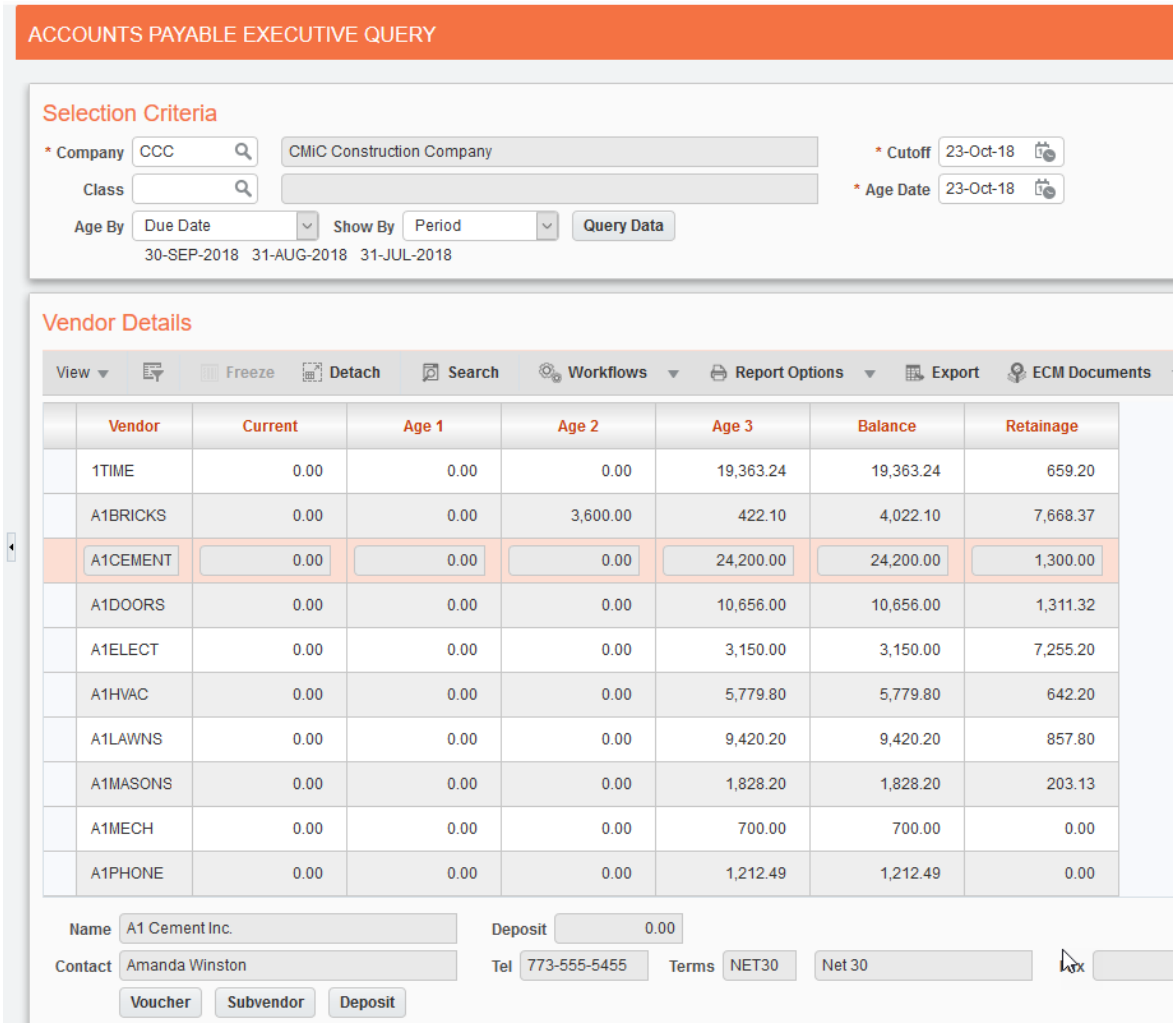


It can be overridden at the user level. Click on user name in the the top right-hand corner of screen to modify the screen colour in the User Settings pop-up window.



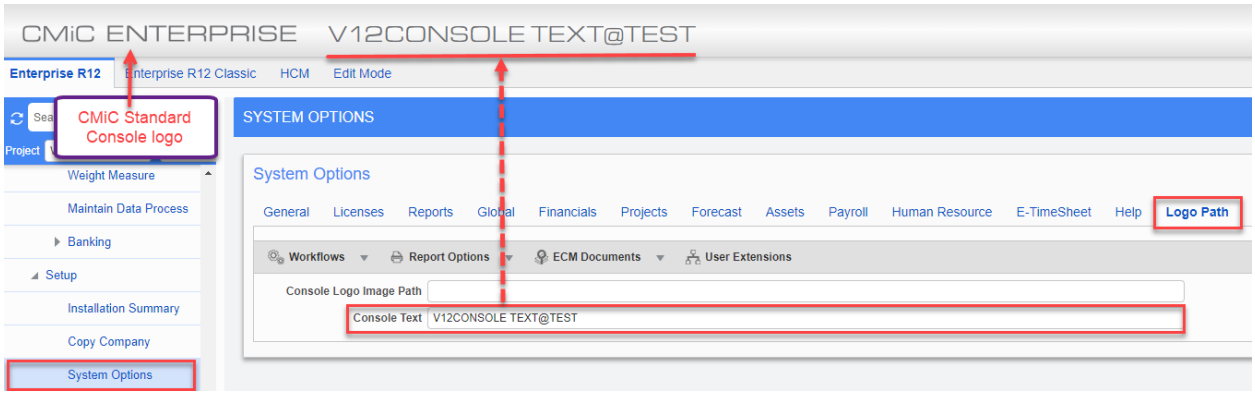
Save the new theme and refresh the menu. If a Default Theme is not chosen at the USER level and this field is left empty, then the SYSTEM level Default Theme will apply.

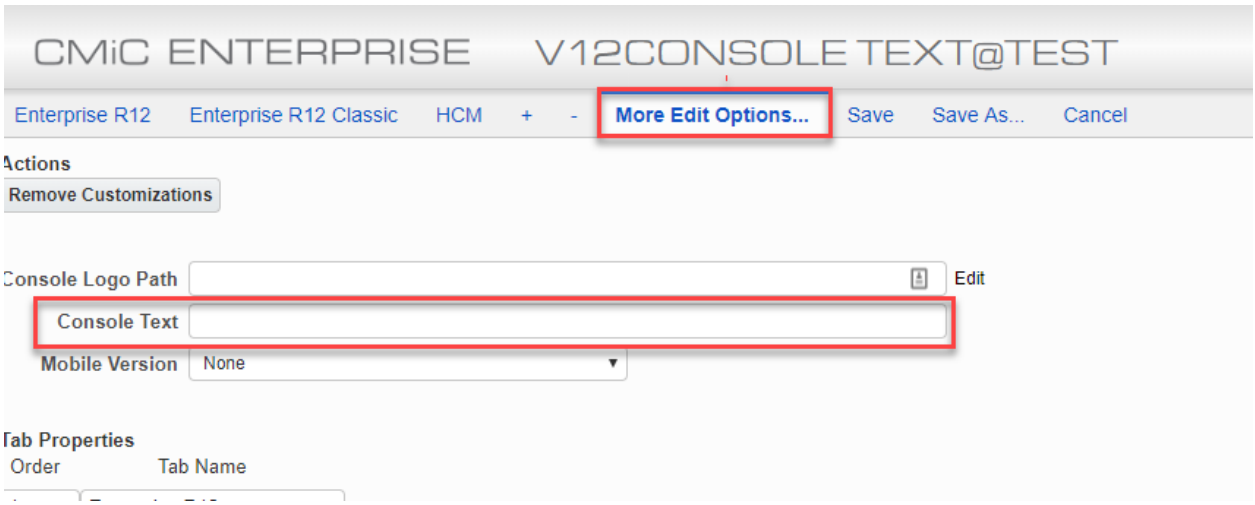




Addition of New Console Text Field (18.64874)

CMiC implemented a new Console Text field which can be used instead of a logo image or in addition to a logo image. This new field can be found either in System Options under the Logo Path tab or in Edit Mode. The text size and font will be the same as the standard CMiC ENTERPRISE console logo.

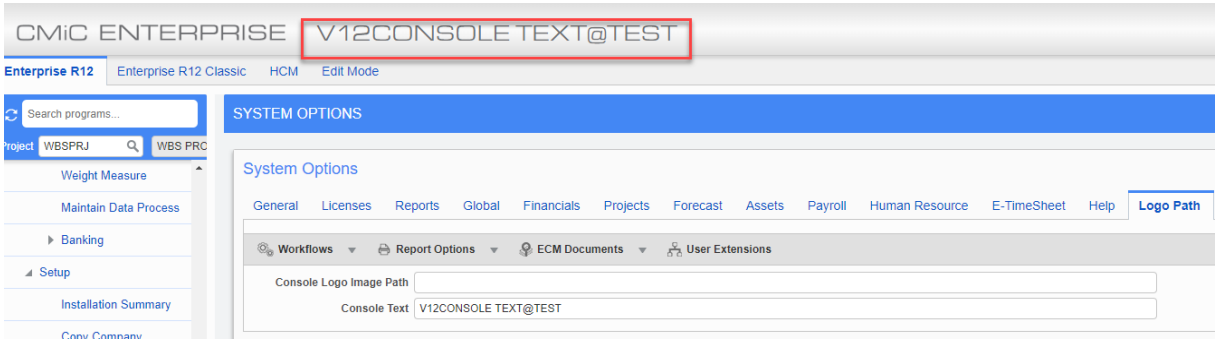




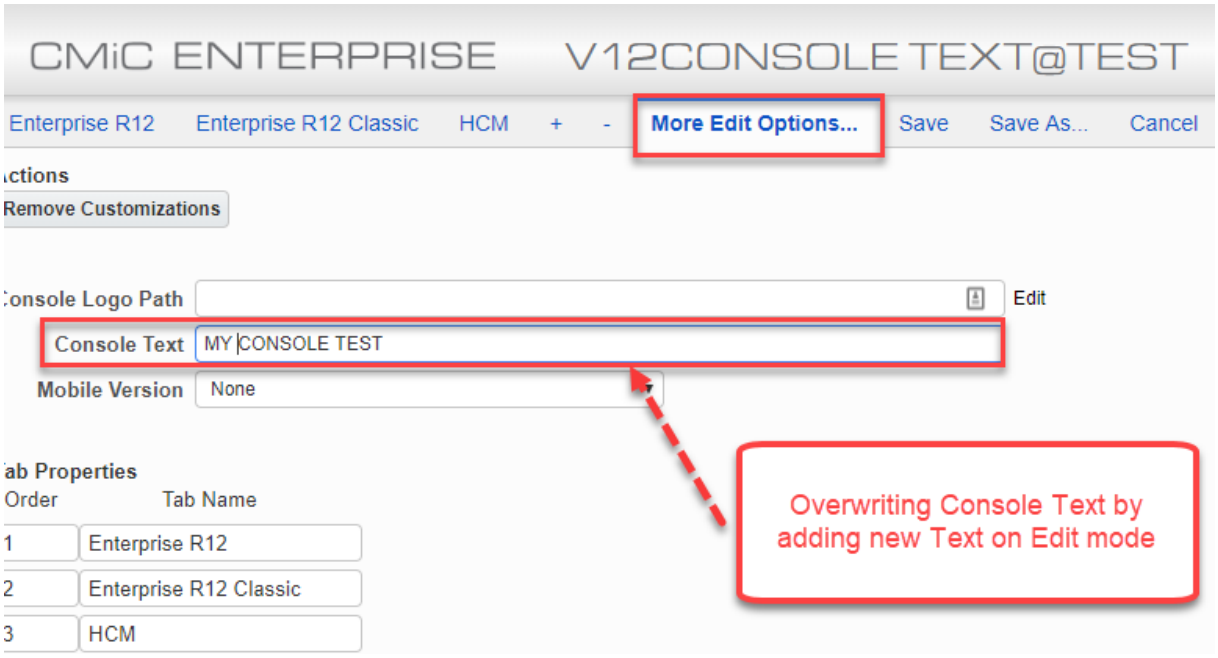
Implementation:

There are three ways to display console text.

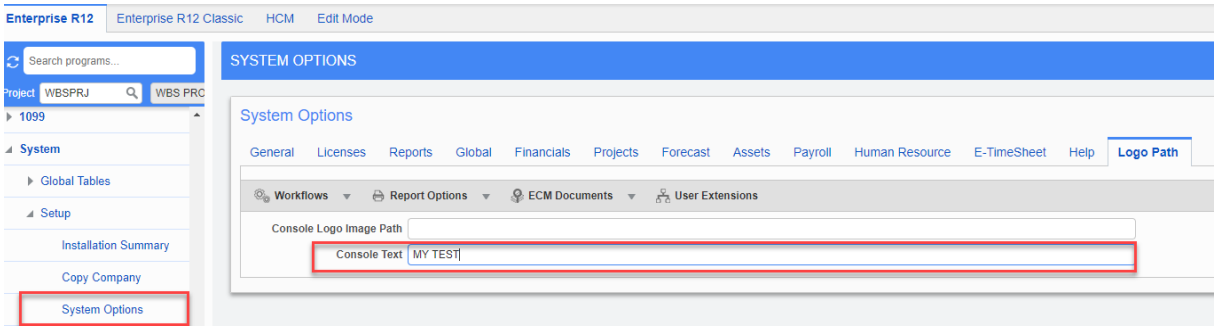
1. Display console text after the console logo. In this case, the Logo Path field should NOT be null as well as the Console Text field. Console text can be defined either from the System Options screen or in Edit Mode.

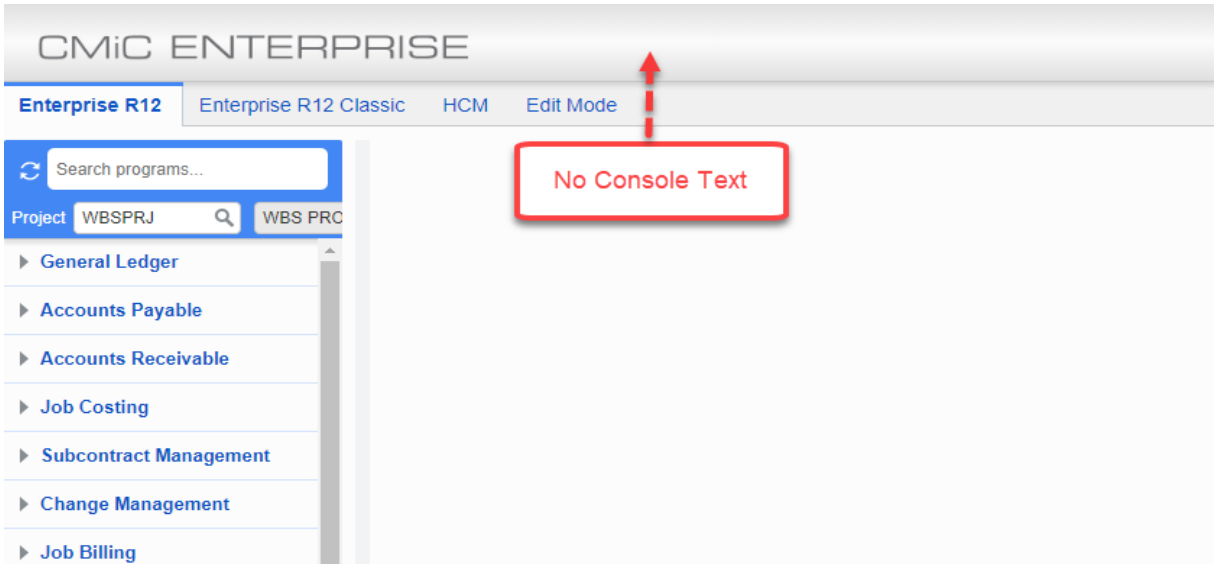


NOTE: Console text added at the system level from the System Options screen can be substituted at the user level or group level by clicking on the Edit Mode tab on the console.

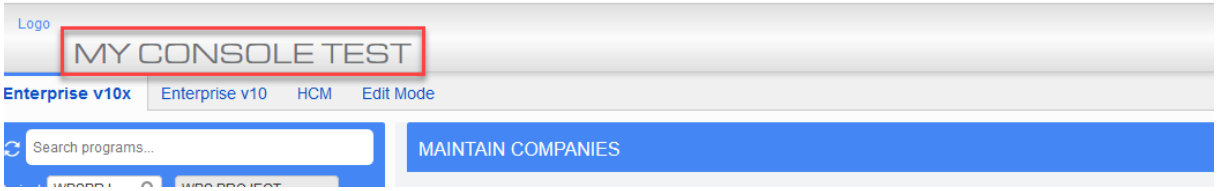


2. Display only logo if Console Text field is set as “<none>” in Edit Mode. It will suppress the text given in System Options OR if Console Text field is null in both System Options and Edit Mode.



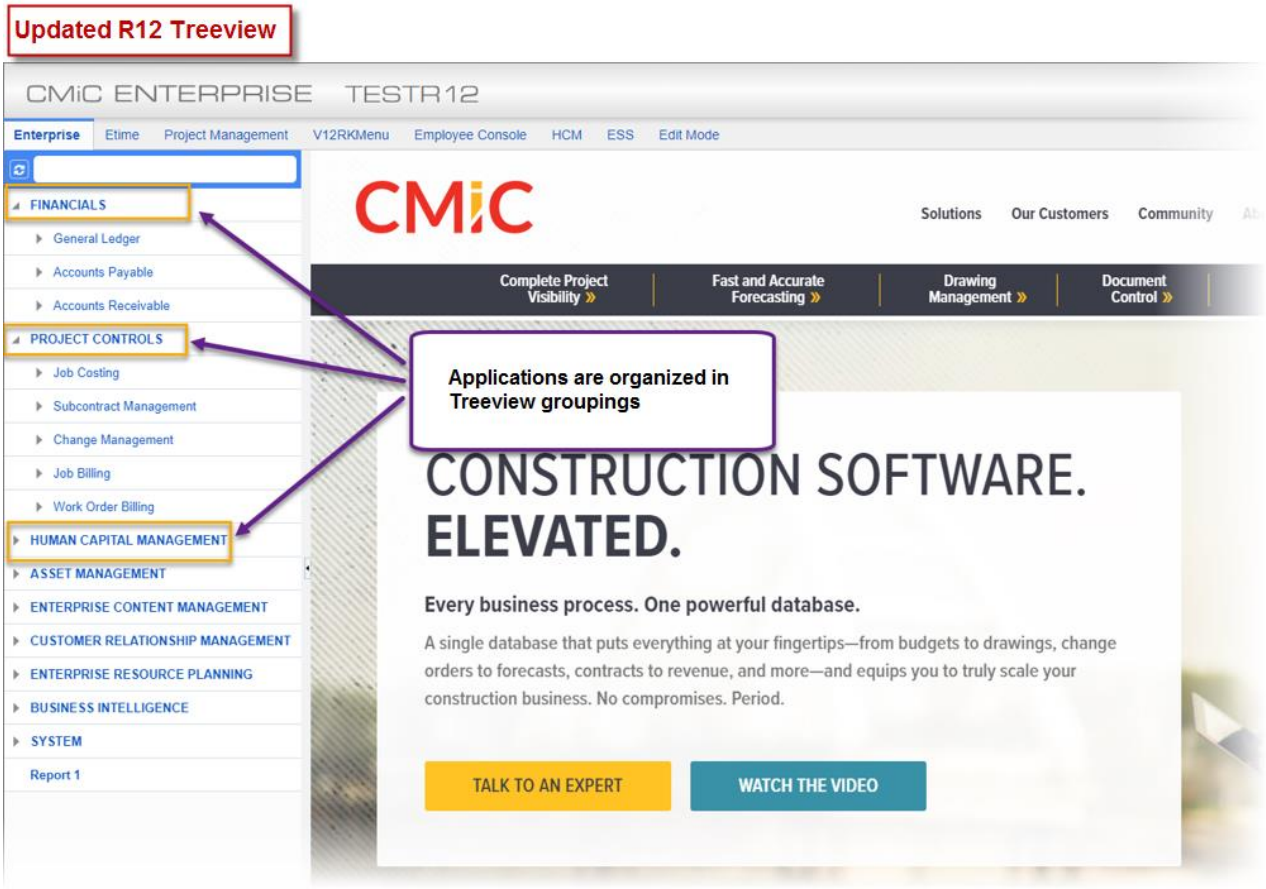


3. Display only console text from Console Text field if logo Path is null.

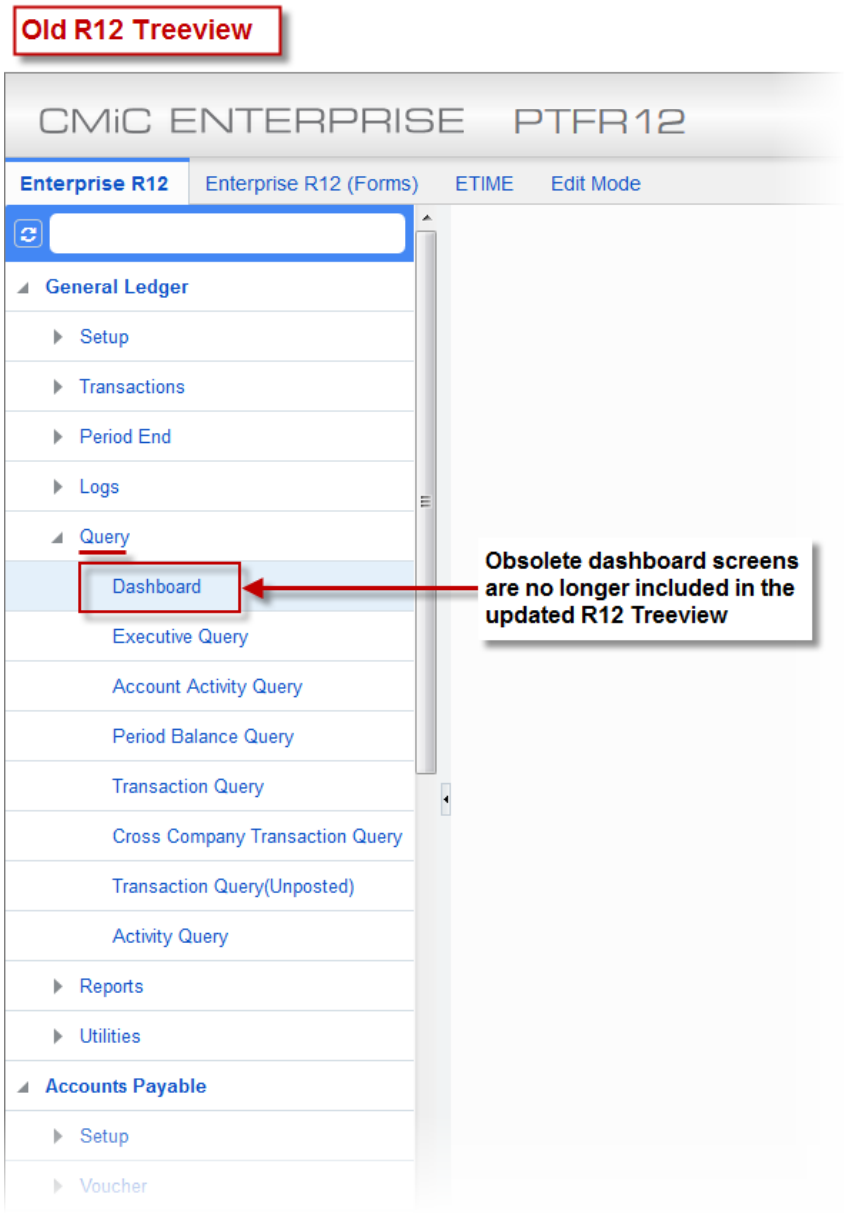


Changes To Standard R12 Treeview

The Standard R12 Treeview has been updated and all the applications are now categorized under specific Treeview groupings. For example, the “FINANCIALS” grouping contains applications such as GL, AP, and AR. This update makes the R12 Treeview more compact when users launch the console.



NOTE: Dashboard screens previously located under the Query menu in each of the system’s applications are obsolete and no longer included in the updated R12 Treeview. For example, the Dashboard screen previously located under General Ledger > Query > Dashboard is obsolete and will no longer appear.



Standard ADF Menu Changes

The ADF Logs and Queries will be removed from the Standard Menu as of patch **V12-11-01**.

This change will only impact customers using the **R12STDMENU**, specifically the GL, AP and AR modules. Customers who have implemented custom ADF menus will see no change to their menu.

If customers prefer to use the ADF Logs and Queries they can still switch their console to use the **V10XSTDMENU** menu. Alternatively, users can create a hybrid menu in Tree View Builder which can include both BI Queries and ADF Logs/Queries.

The BI Queries being implemented have the same (or very similar) features as the ADF Logs/Queries. Using BI Queries, users will also gain some additional features like Subtotals, Groupings, Pivots and Drilldowns. Users will still have the flexibility to send to Excel, and PDF for output with no formatting constraints.

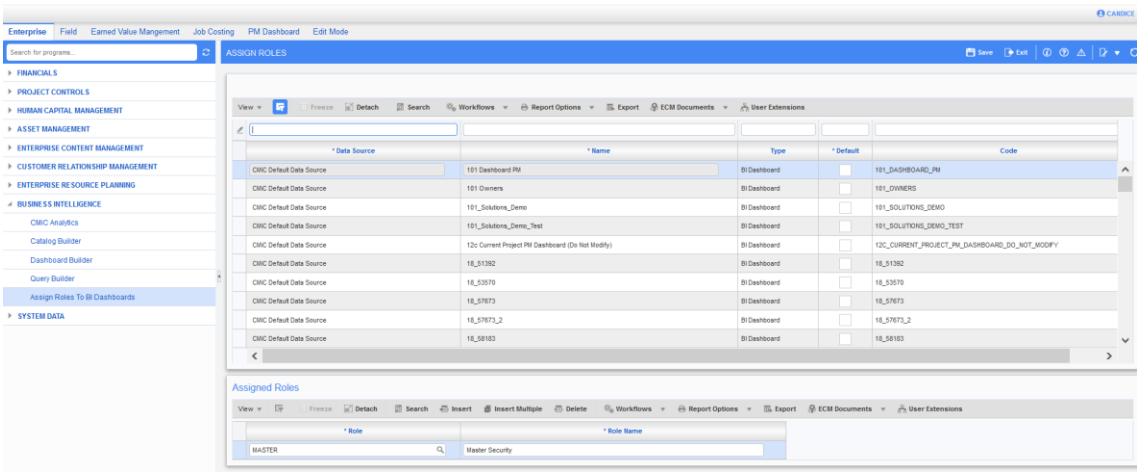
NOTE:

Admins must assign BI Queries to the appropriate enterprise security roles. Only users who have been assigned these roles will be able to view the BI Query. This can be done using the Assign Roles to BI Dashboard, or mass security updates can be accomplished in Analytics.

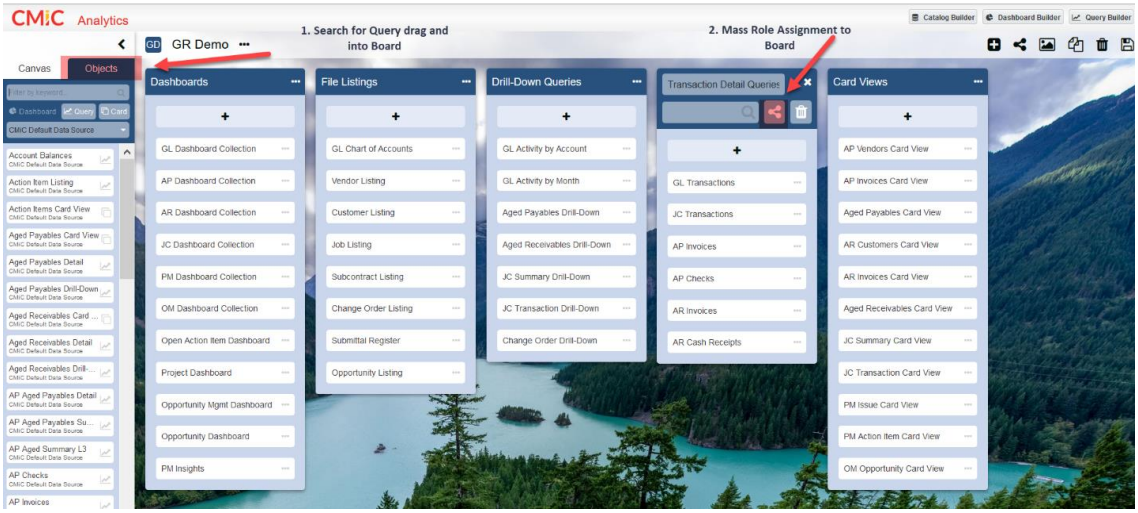
List of BI Queries Included in R12STDMENU

General Ledger	Accounts Payable	Accounts Receivable
GL Dashboard 1 Chart of Accounts Account Balances Transaction Listing Activity by Month Activity by Account	Dashboard 1 Vendors Invoices Checks Aged Payable Summary Aged Payable Detail	Dashboard 1 Customers Invoices Cash Receipts Aged Receivables Summary Aged Receivable Detail

Assign Roles to BI Queries Via ADF



Assign Roles to BI Queries via Analytics Canvas



Export Queue (21.46306)

Overview

CMiC has developed a new Export Queue screen, which is a read-only log or program that displays information about exports, either launched from the toolbars or other programs and logs.

Pre-requisites

Add the new Export Queue screen (Pgm: SDEXPORTQUEUE) to the menu. The Target is called “SYS-Export Queue to call program SDEXPORTQUEUE”. We recommend adding it as a menu item under System Data > Utilities.

After the screen has been added, export any file.

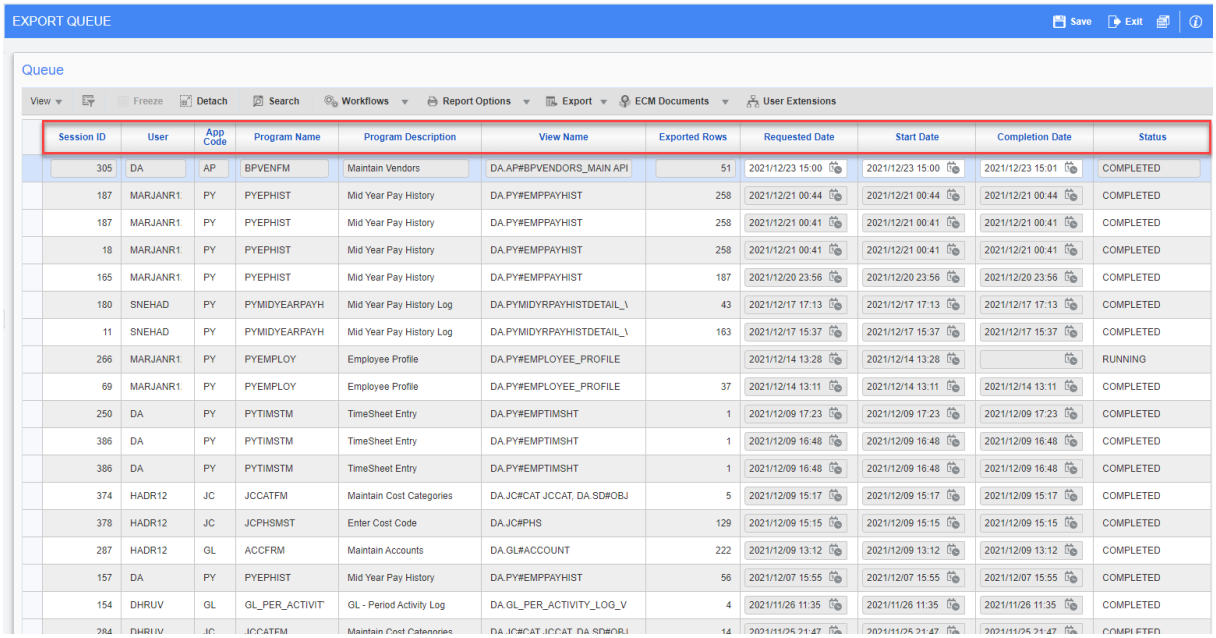
Modifications

Created a new screen called Export Queue (Pgm: SDEXPORTQUEUE) that can be added to the menu. This screen will provide the following information about file(s) being exported:

Session ID, user, module/application code, program that initiated the exported data, view/table name, number of exported rows, date and time export requested, date and time export started, date and time export completed, and status (PENDING, RUNNING, COMPLETED).

The export status messages are defined as follows:

- Pending: File export has been submitted but export has not started.
- Running: File export process has started.
- Completed: File export completed successfully.

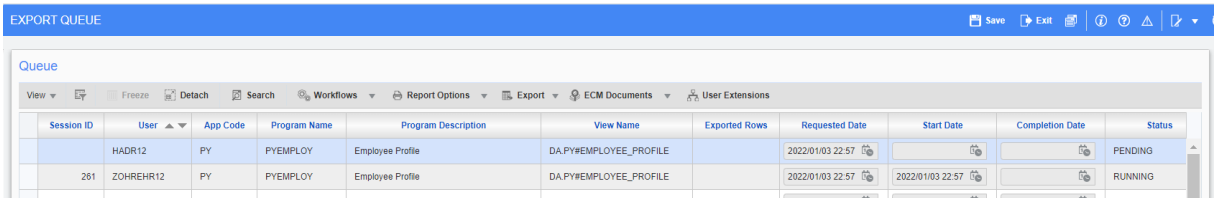


Session ID	User	App Code	Program Name	Program Description	View Name	Exported Rows	Requested Date	Start Date	Completion Date	Status
305	DA	AP	BPVENFM	Maintain Vendors	DA.AP#BPVENDORS_MAIN API	51	2021/12/23 15:00	2021/12/23 15:00	2021/12/23 15:01	COMPLETED
187	MARJANR1:	PY	PYEPHIST	Mid Year Pay History	DA.PY#EMPPAYHIST	258	2021/12/21 00:44	2021/12/21 00:44	2021/12/21 00:44	COMPLETED
187	MARJANR1:	PY	PYEPHIST	Mid Year Pay History	DA.PY#EMPPAYHIST	258	2021/12/21 00:41	2021/12/21 00:41	2021/12/21 00:41	COMPLETED
18	MARJANR1:	PY	PYEPHIST	Mid Year Pay History	DA.PY#EMPPAYHIST	258	2021/12/21 00:41	2021/12/21 00:41	2021/12/21 00:41	COMPLETED
165	MARJANR1:	PY	PYEPHIST	Mid Year Pay History	DA.PY#EMPPAYHIST	187	2021/12/20 23:56	2021/12/20 23:56	2021/12/20 23:56	COMPLETED
180	SNEHAD	PY	PYMIDYEARPAYH	Mid Year Pay History Log	DA.PYMIDYRPAYHISTDETAIL_\	43	2021/12/17 17:13	2021/12/17 17:13	2021/12/17 17:13	COMPLETED
11	SNEHAD	PY	PYMIDYEARPAYH	Mid Year Pay History Log	DA.PYMIDYRPAYHISTDETAIL_\	163	2021/12/17 15:37	2021/12/17 15:37	2021/12/17 15:37	COMPLETED
266	MARJANR1:	PY	PYEMPLOY	Employee Profile	DA.PY#EMPLOYEE_PROFILE		2021/12/14 13:28	2021/12/14 13:28		RUNNING
69	MARJANR1:	PY	PYEMPLOY	Employee Profile	DA.PY#EMPLOYEE_PROFILE	37	2021/12/14 13:11	2021/12/14 13:11	2021/12/14 13:11	COMPLETED
250	DA	PY	PYTIMSTM	TimeSheet Entry	DA.PY#EMPTIMSHT	1	2021/12/09 17:23	2021/12/09 17:23	2021/12/09 17:23	COMPLETED
386	DA	PY	PYTIMSTM	TimeSheet Entry	DA.PY#EMPTIMSHT	1	2021/12/09 16:48	2021/12/09 16:48	2021/12/09 16:48	COMPLETED
386	DA	PY	PYTIMSTM	TimeSheet Entry	DA.PY#EMPTIMSHT	1	2021/12/09 16:48	2021/12/09 16:48	2021/12/09 16:48	COMPLETED
374	HADR12	JC	JCCATFM	Maintain Cost Categories	DA.JC#CAT JCCAT, DA.SD#OBJ	5	2021/12/09 15:17	2021/12/09 15:17	2021/12/09 15:17	COMPLETED
378	HADR12	JC	JCPHSMST	Enter Cost Code	DA.JC#PHS	129	2021/12/09 15:15	2021/12/09 15:15	2021/12/09 15:15	COMPLETED
287	HADR12	GL	ACCFRM	Maintain Accounts	DA.GL#ACCOUNT	222	2021/12/09 13:12	2021/12/09 13:12	2021/12/09 13:12	COMPLETED
157	DA	PY	PYEPHIST	Mid Year Pay History	DA.PY#EMPPAYHIST	56	2021/12/07 15:55	2021/12/07 15:55	2021/12/07 15:55	COMPLETED
154	DHRUV	GL	GL_PER_ACTIVIT	GL - Period Activity Log	DA.GL_PER_ACTIVITY_LOG_V	4	2021/11/26 11:35	2021/11/26 11:35	2021/11/26 11:35	COMPLETED
284	DHRUV	JC	JCCATFM	Maintain Cost Categories	DA.JC#CAT JCCAT, DA.SD#OBJ	14	2021/11/25 21:47	2021/11/25 21:47	2021/11/25 21:47	COMPLETED

Implementation

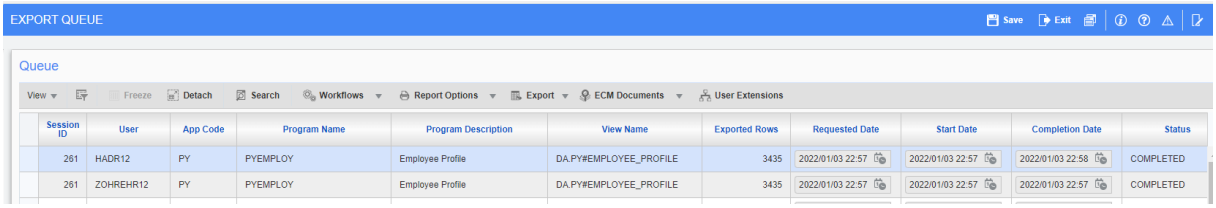
The following screenshots show how export information is displayed in the Export Queue screen when file exports are in process. In this example, two users are exporting employee profile details from their toolbar, so the Export Queue screen lists both users running the export file “DA.PY#EMPLOYEE_PROFILE”.

In the first screenshot, the status for user “HADR12” is initially “PENDING”, and the status for user “ZohrehR12” is “RUNNING”.



Session ID	User	App Code	Program Name	Program Description	View Name	Exported Rows	Requested Date	Start Date	Completion Date	Status
	HADR12	PY	PYEMPLOY	Employee Profile	DA.PY#EMPLOYEE_PROFILE		2022/01/03 22:57			PENDING
261	ZOHREHR12	PY	PYEMPLOY	Employee Profile	DA.PY#EMPLOYEE_PROFILE		2022/01/03 22:57	2022/01/03 22:57		RUNNING

After the files are successfully exported, the status for both users changes to “COMPLETED”.



Vendor Prequalification

Additional Fields in Safety and Surety Sections (18.49562)

Subcontractor prequalification (including Self Service) – The following fields have been added:

Safety tab

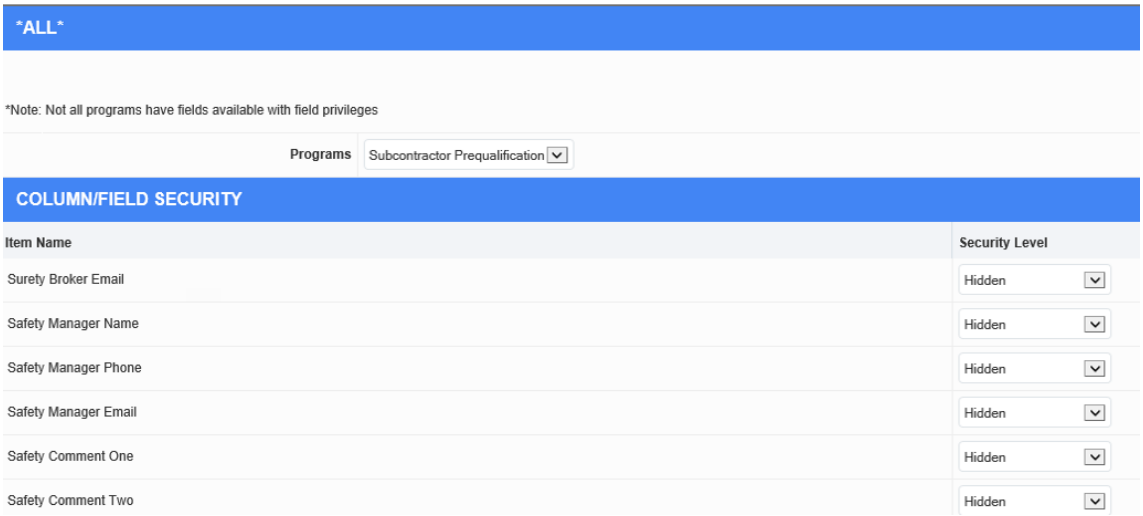
Safety Manager Name,

Phone, Email,

Comment One and Comment Two (not in Self Service)

Surety tab

Broker Email

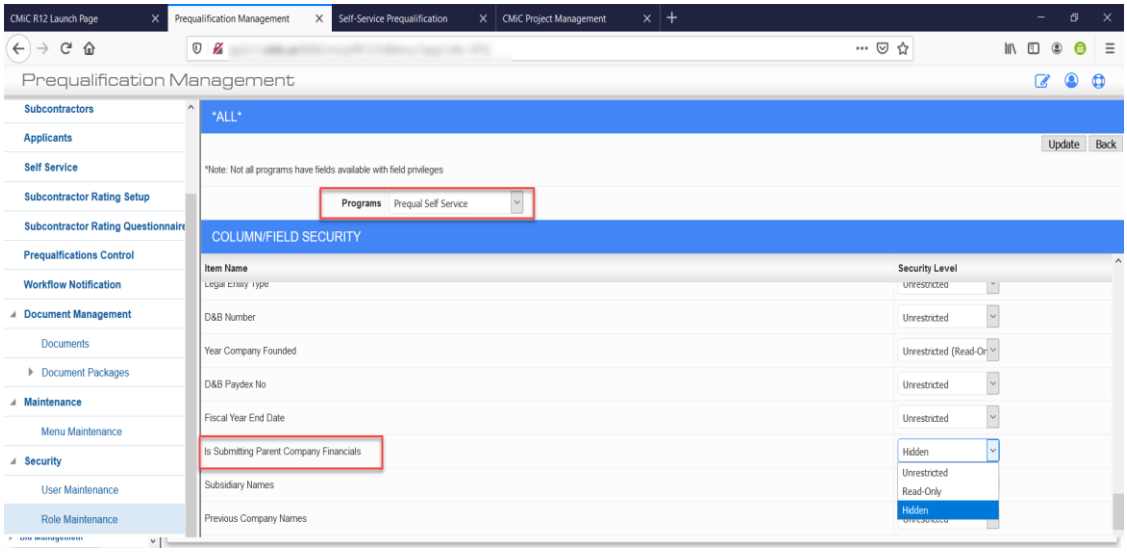


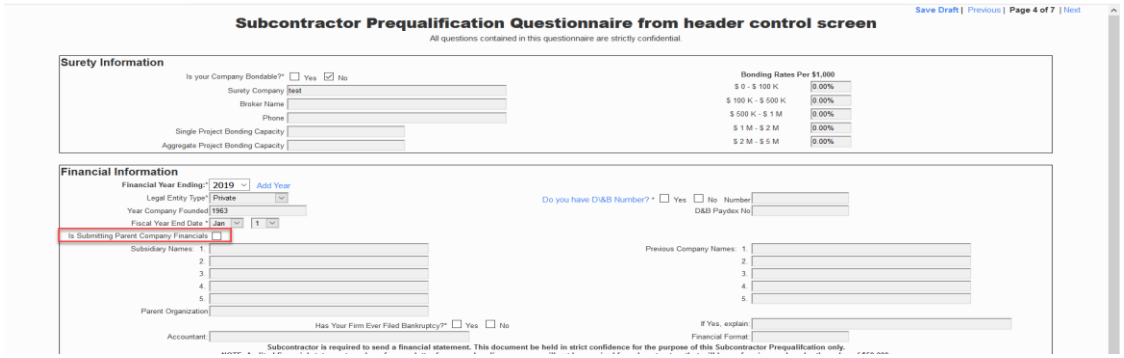
Field security can be applied to these fields in both the Subcontractors and Self Service screens. By default, the field security is set as HIDDEN on the *ALL* role.

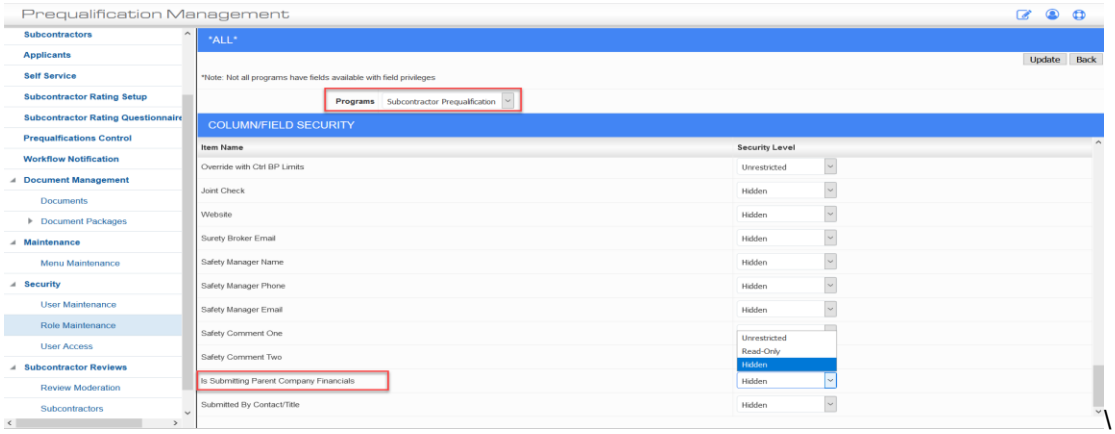
Self Service and Subcontractors – Submitted By, Submitting Company etc. (19.92096)

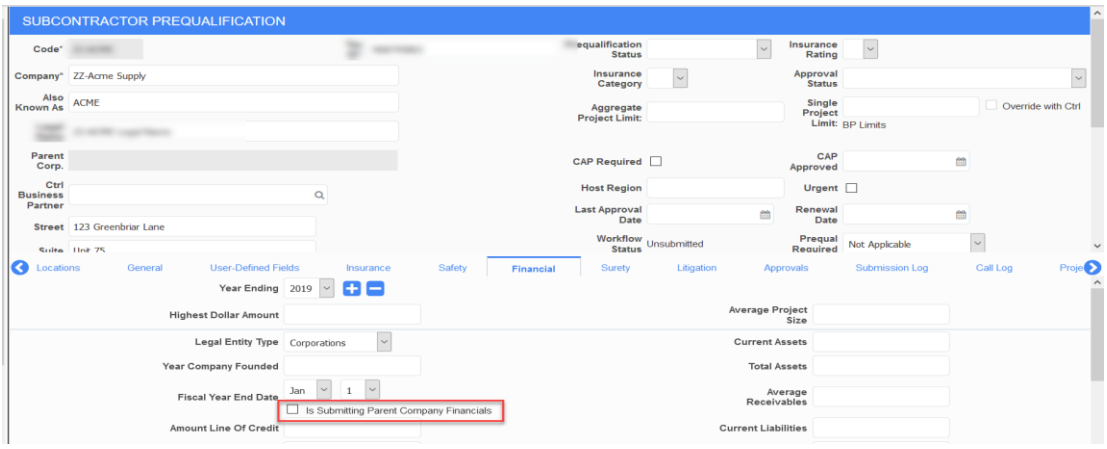
The following enhancements have been made to the Vendor Prequalification Self Service and Subcontractors screens:

- Added [Is Submitting Parent Company Financials] checkbox to Financial tabs and Financial Information on Subcontractor and Self-Service Screen respectively. It can be controlled by Field Security - Hidden,Unrestricted and Read Only.

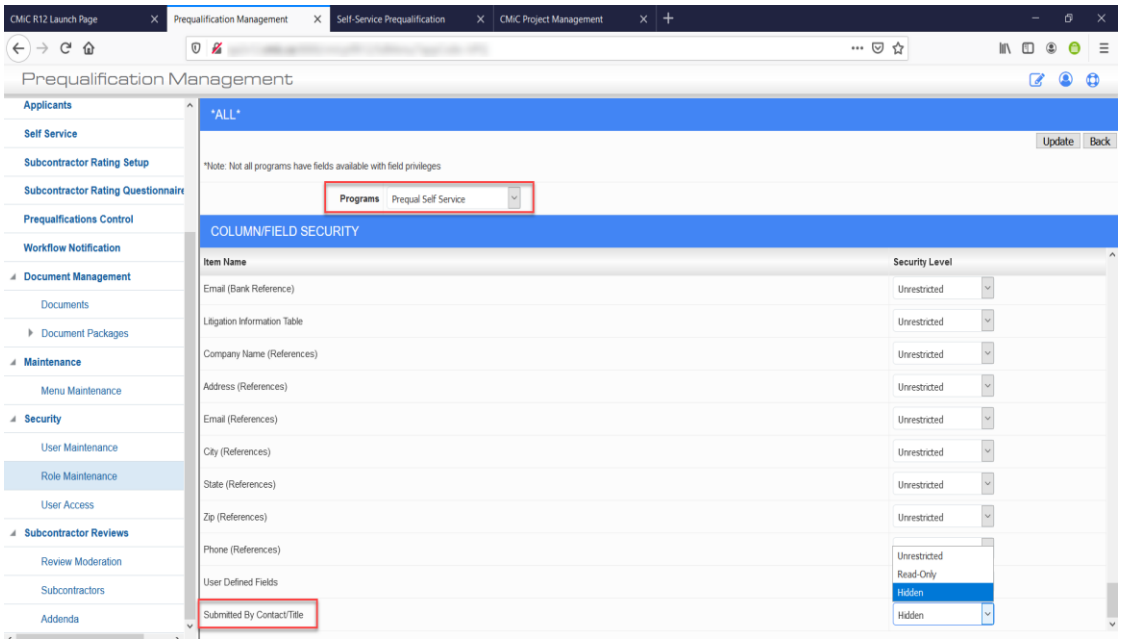


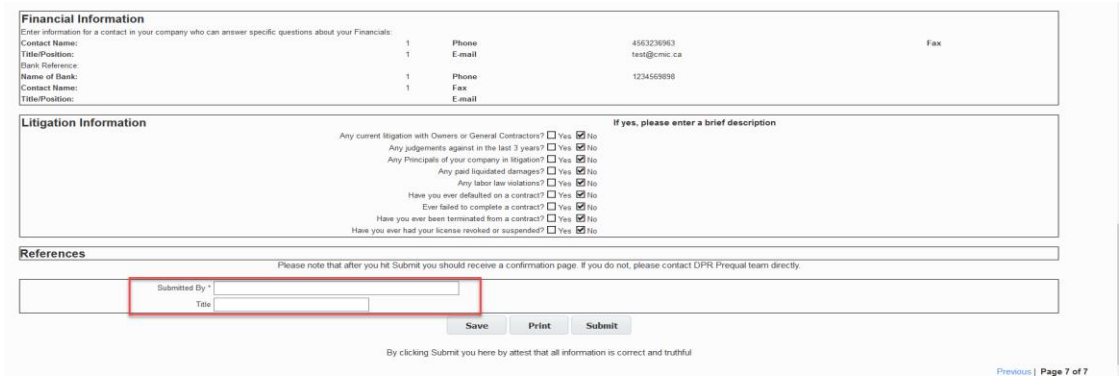


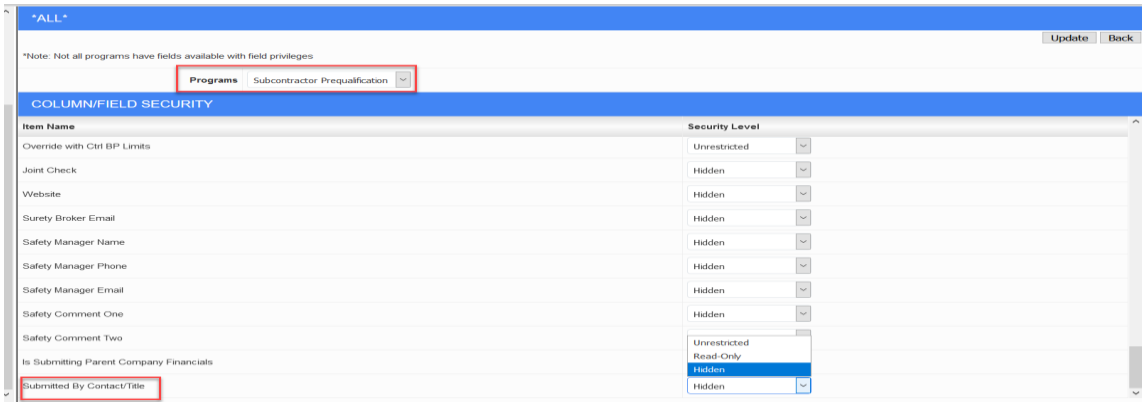


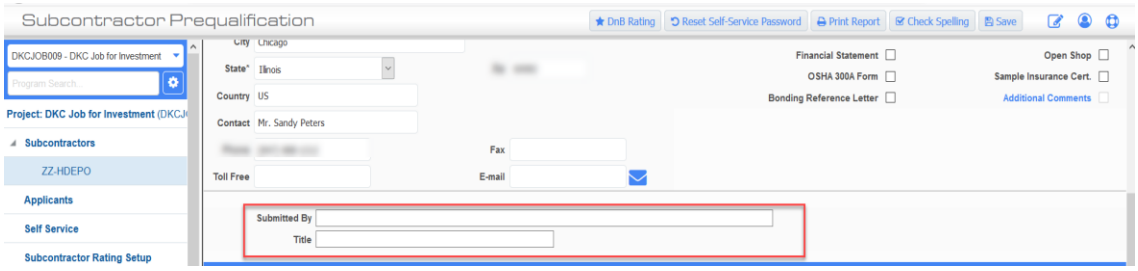


- Added "Submitted By" and "Title" input fields to the header in Subcontractor Screen and to Page 7 in Self Service sceen. It can be controlled by Field Security - Hidden,Unrestricted and Read Only.

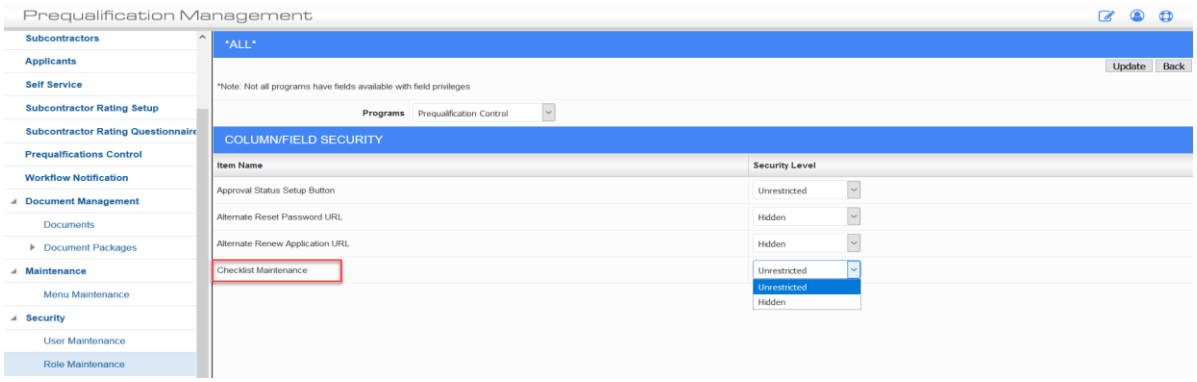








- Added System and Active Flag columns from newly created Checklist Type table.
- Added Checklist Maintenance functionality. Checklist Maintenance(New JSP screen) button is visible on Prequalification Control screen. It can be controlled by Field Security - Hidden and



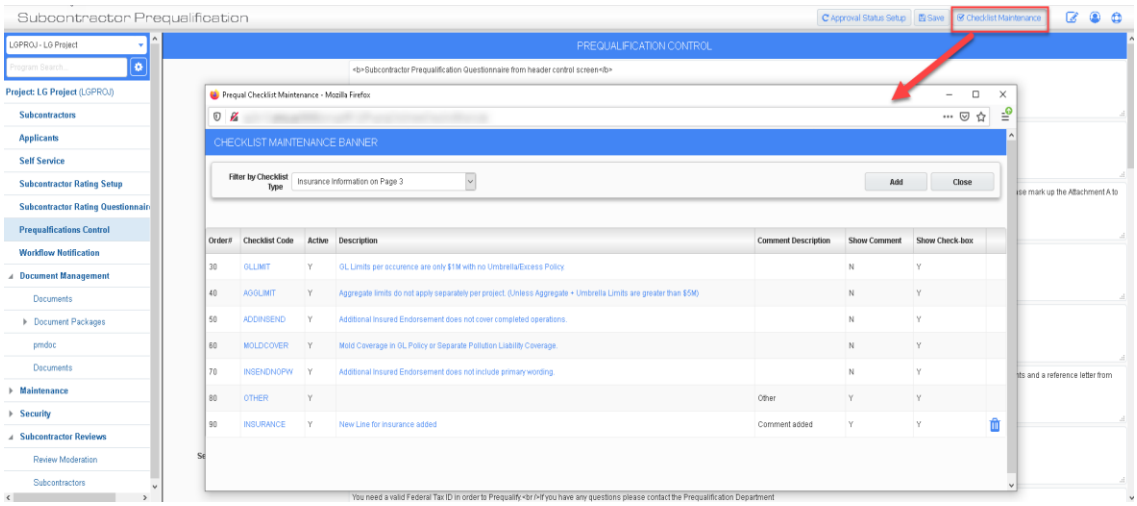
Unrestricted.

- Checklist can be added and edited for :

  1) Insurance Information on Page 3

  2) Safety Information on Page 3

  3) Litigation Information on Page 5



Work Order Billing

Work Order Entry – Job Template and Address Type Definitions (15.11677)

Overview:

Ability to using the ‘address code’ of a business partner, instead of the location code in Work Order Billing module.

Also added a job template maintenance program to create customer specific templates and used when creating a new work order.

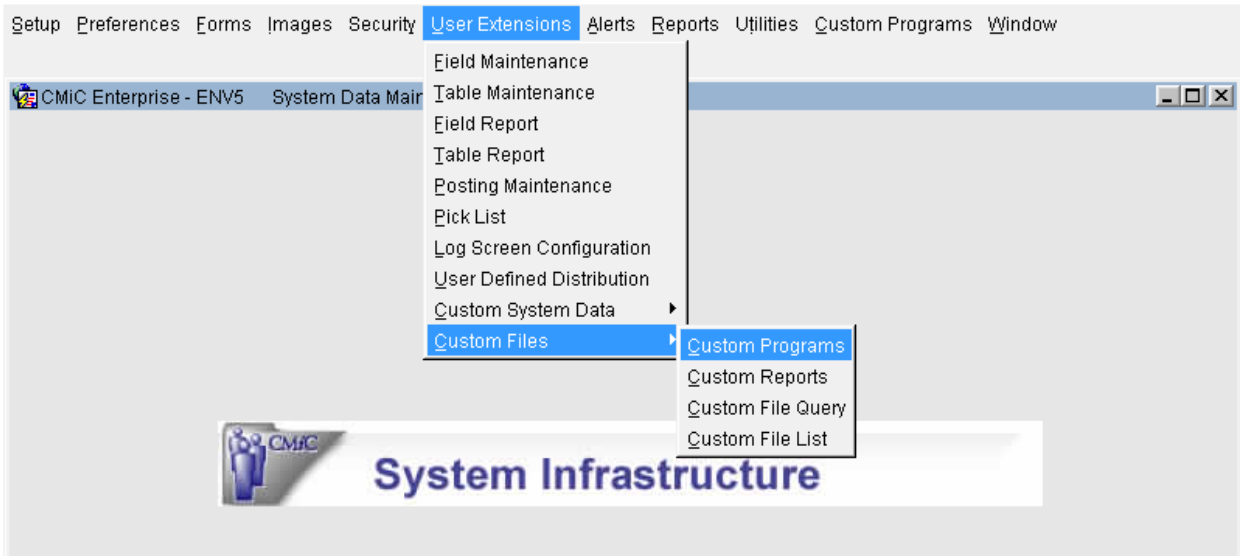
Modifications:

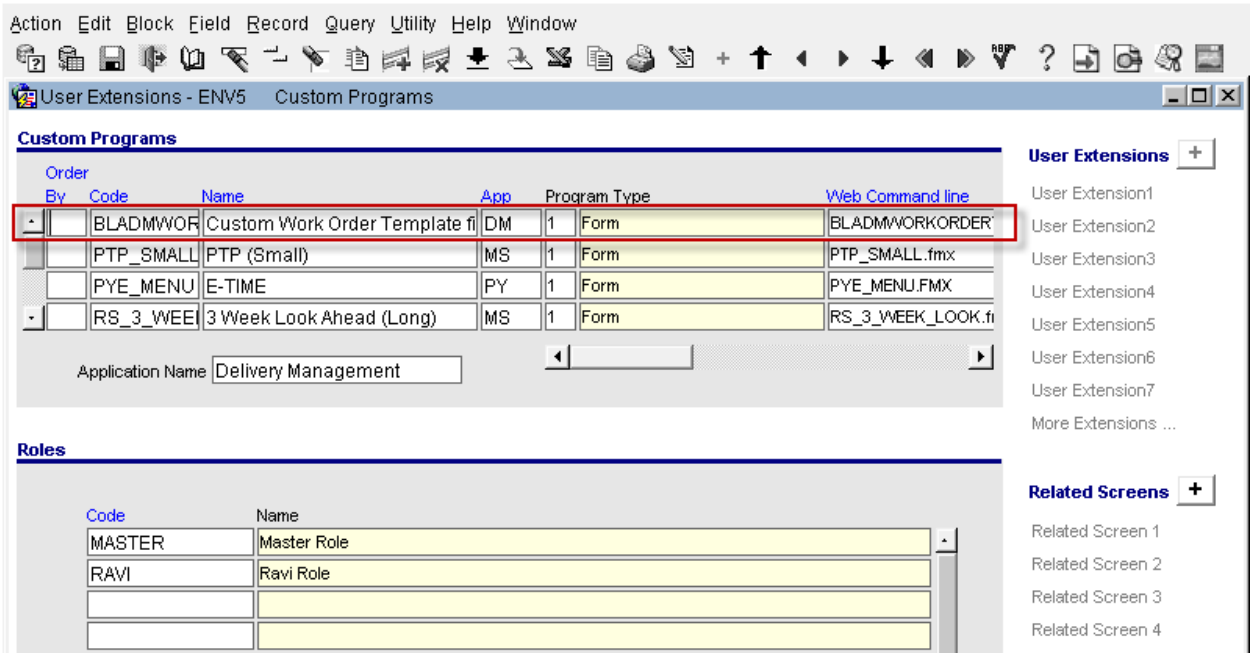
Currently this functionality is applicable to Enterprise Forms Only. The same will be ported to ADF versions in the future.

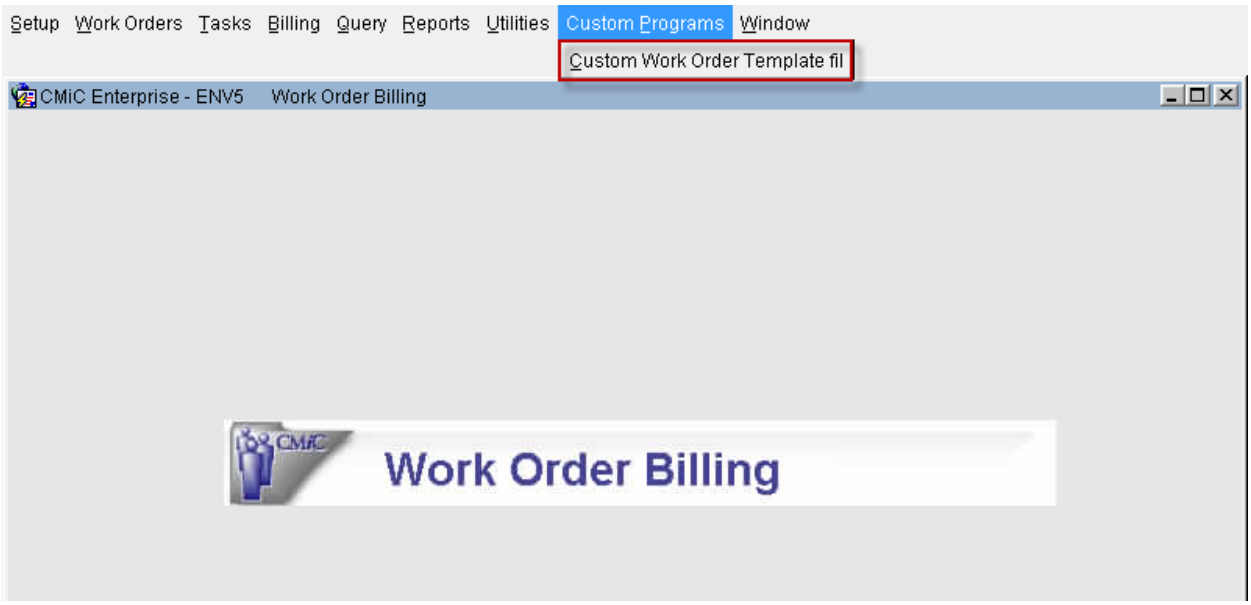
The changes are visible in the following forms.

1. Work Order Billing > Work Orders > Enter Edit Work Orders (bladmworkorders.fmx)
2. Work Order Billing > Custom Programs > Work Order Template (bladmworkordert.fmx)

Users must ensure that the necessary roles are added to the form security as shown below. Users may navigate as follows in order to assign roles to the custom form.

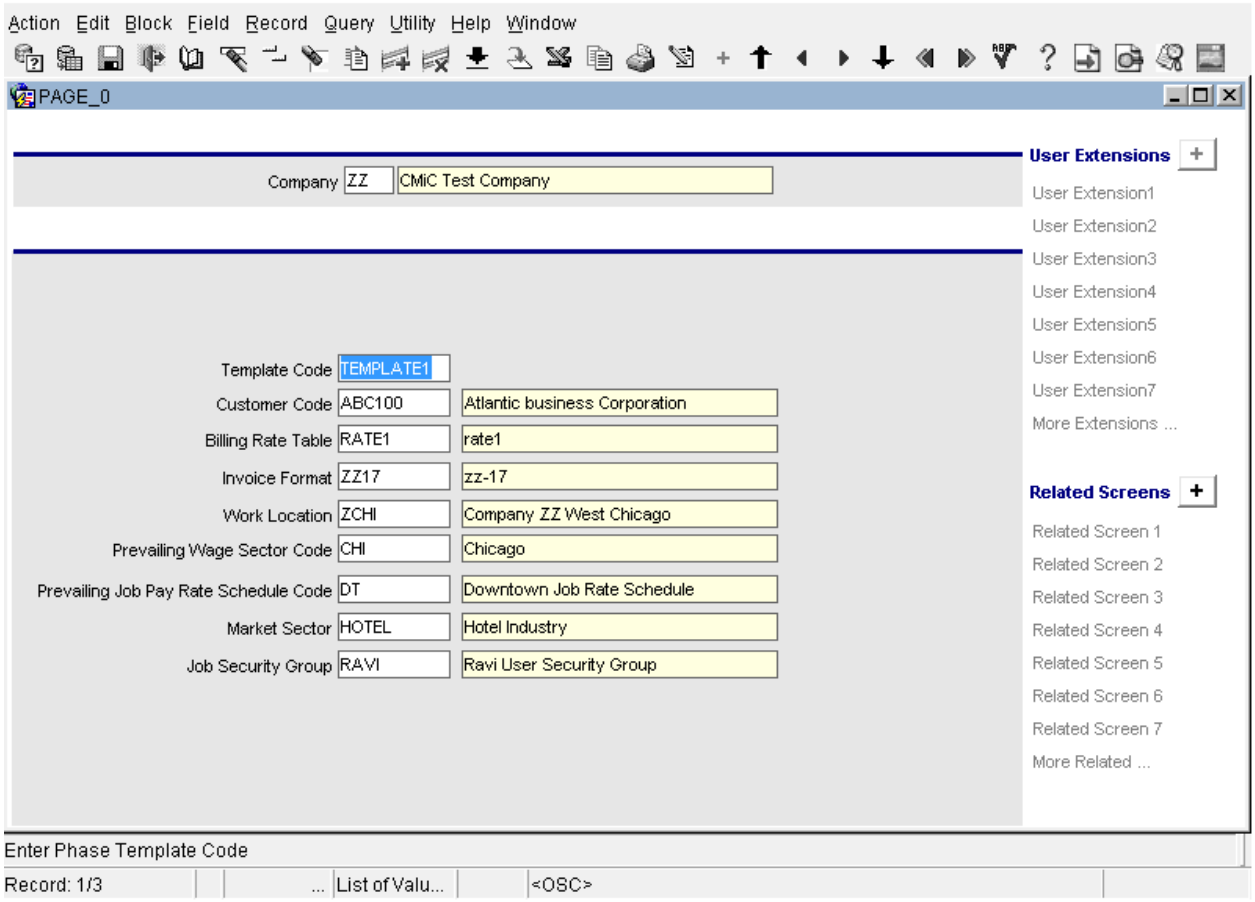

Setup Preferences Forms Images Security User Extensions Alerts Reports Utilities Custom Programs Window
Field Maintenance
Table Maintenance
Field Report
Table Report
Posting Maintenance
Pick List
Log Screen Configuration
User Defined Distribution
Custom System Data
Custom Files
Custom Programs
Custom Reports
Custom File Query
Custom File List
CMiC Enterprise - ENV5 System Data Mair
System Infrastructure


Action Edit Block Field Record Query Utility Help Window
User Extensions - ENV5 Custom Programs
Custom Programs
Order By Code Name App Program Type Web Command line
BLADMWOR Custom Work Order Template fi DM 1 Form BLADMWORKORDER
PTP_SMALL PTP (Small) MS 1 Form PTP_SMALL.fmx
PYE_MENU E-TIME PY 1 Form PYE_MENU.FMX
RS_3_WEEI 3 Week Look Ahead (Long) MS 1 Form RS_3_WEEK_LOOK.fi
Application Name Delivery Management
Roles
Code Name
MASTER Master Role
RAVI Ravi Role
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



Once necessary roles are added, the users with the security roles, will be able to access the work order template from the custom programs menu as shown.

The Work Order Template Form:



The Work Order Template form provides the ability to maintain templates under a company.

The Template Code is a mandatory field. But users are advised to populate the values in all the fields as necessary in order for the job and the billing contract table columns to be populated with necessary values to produce desired output.

Company Code: Enter or Select a valid company code.

Template Code: Enter a unique 'Template' Code of 10 characters maximum length.

Customer Code: Enter or Select a valid Customer Code.

Billing Rate Table: Enter or select a valid billing rate code.

Invoice Format: Enter or select a valid invoice Format.

Work Location Code: Enter or select a valid Job Work Location Code.

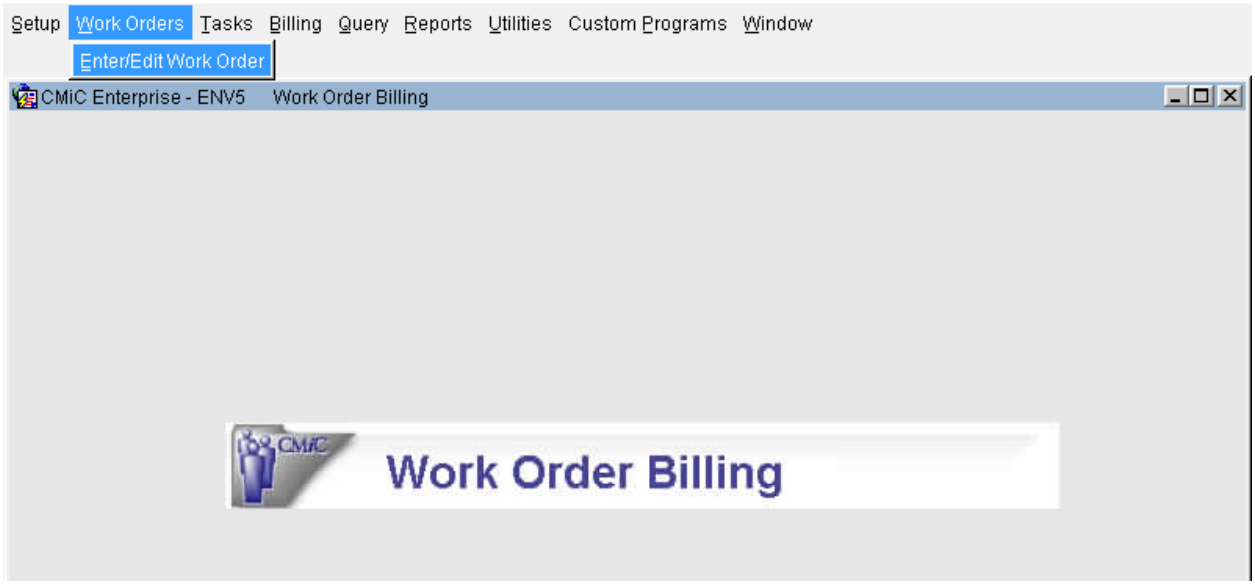
Prevailing Wage Sector Code: Enter or select a valid prevailing wage sector Code.

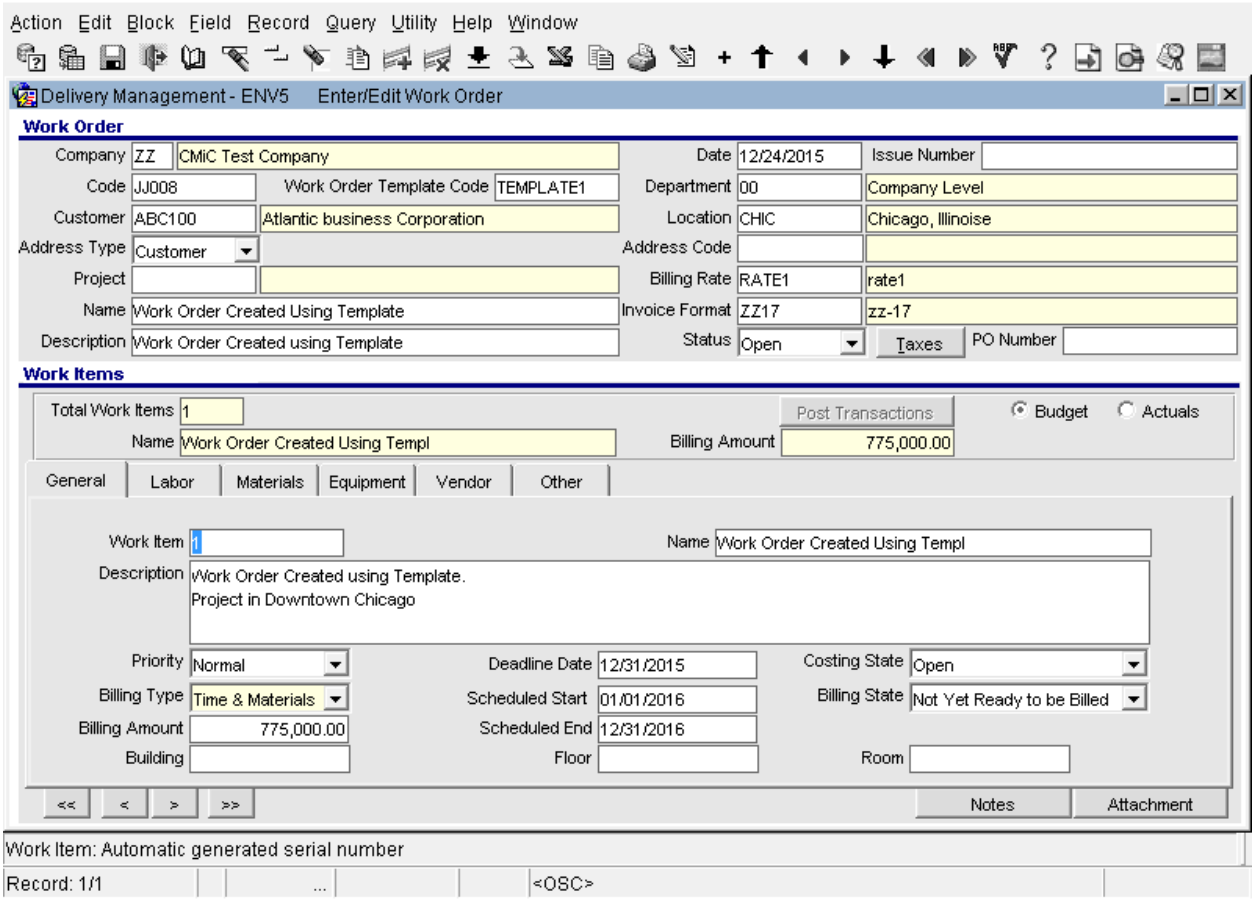
Prevailing Job Rate Schedule Code: Enter or select a prevailing job rate schedule Code.

Market Sector: Enter or select a valid market sector code.

Job Security Group: Enter a valid job security group

Enter/Edit Work Orders Form:





The Work Order Entry form is modified with the following new fields.

1. Work Order Template Code
2. Address Type (Drop Down List with values as Customer, Project, All & Null)
3. Address Code
4. PO Number

1. Work Order Template Code:

When creating a new work order, users may select a template code from the field provided. The column values associated with a template will be applied to the work order and visible in some fields in the header section of the screen and at database level more columns updated in the job & billing contract tables. Once a new work order is committed, users have to re-query the same to make any updates. They will find the template field cleared out, as the program does NOT store the template code once all the associated values are applied.

Users may select a different template along the course of a life cycle of a work order, provided the billing state of work items is 'Not Yet Ready to be Billed'. This may be required in some scenarios where the customer is not known when the work order is created and hence the need to change the customer code later on.

It must be understood that as long as there are NO un-posted or posted billings generated for a work order, users will be allowed to update the billing status back to 'Not Yet Ready to be Billed'. Once

there exists a generated/posted invoice, then users will NOT be allowed to revert back the status. Similarly the 'Template' filed will be locked once the status is NOT as described above.

2. Address Type:

The address type drop down list initially is defaulted as NULL when creating a work order. Users may select one of the following values.

a. Customer
b. Project
c. All
d. NULL

3. Address Code

The address code column works in accordance with the selection made in the 'address type' code and displays the values differently as required.

Users must also note that, once a work order is committed and upon re-query the column is cleared and NULL. The address type simply controls the selection of the address code field and once committed, the type is cleared.

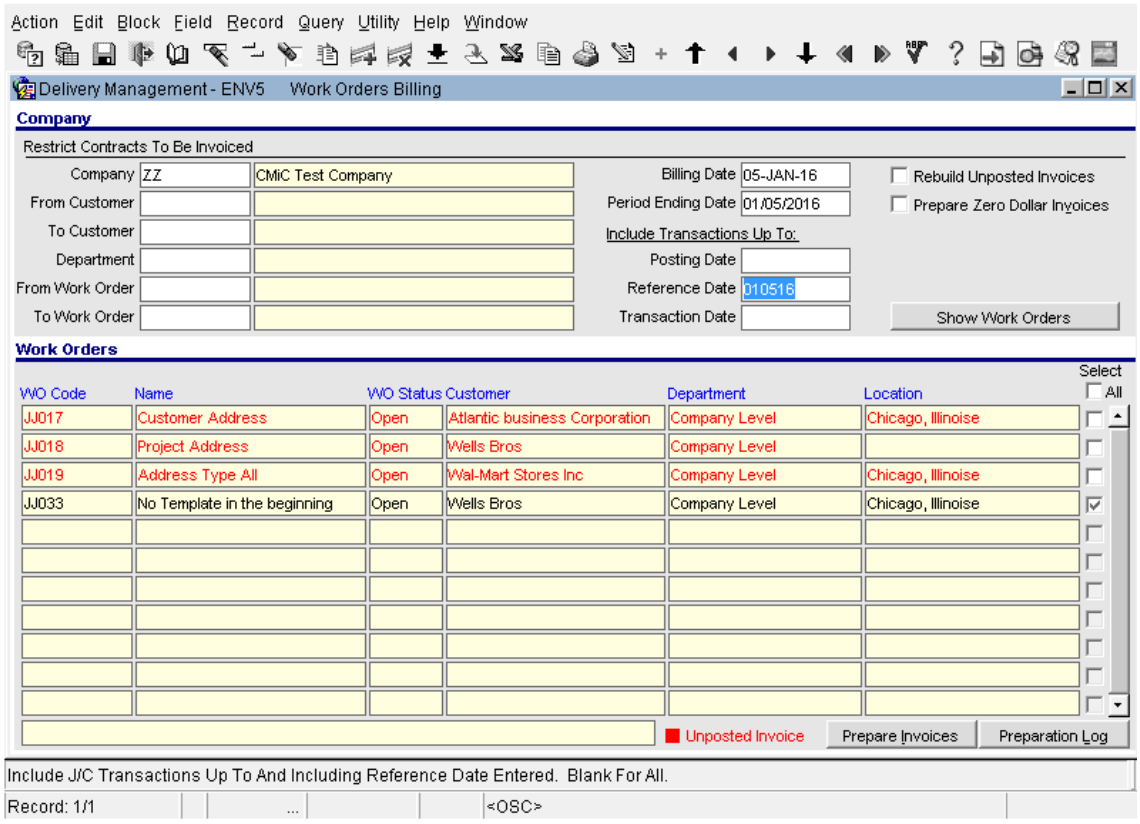
When the address type is,

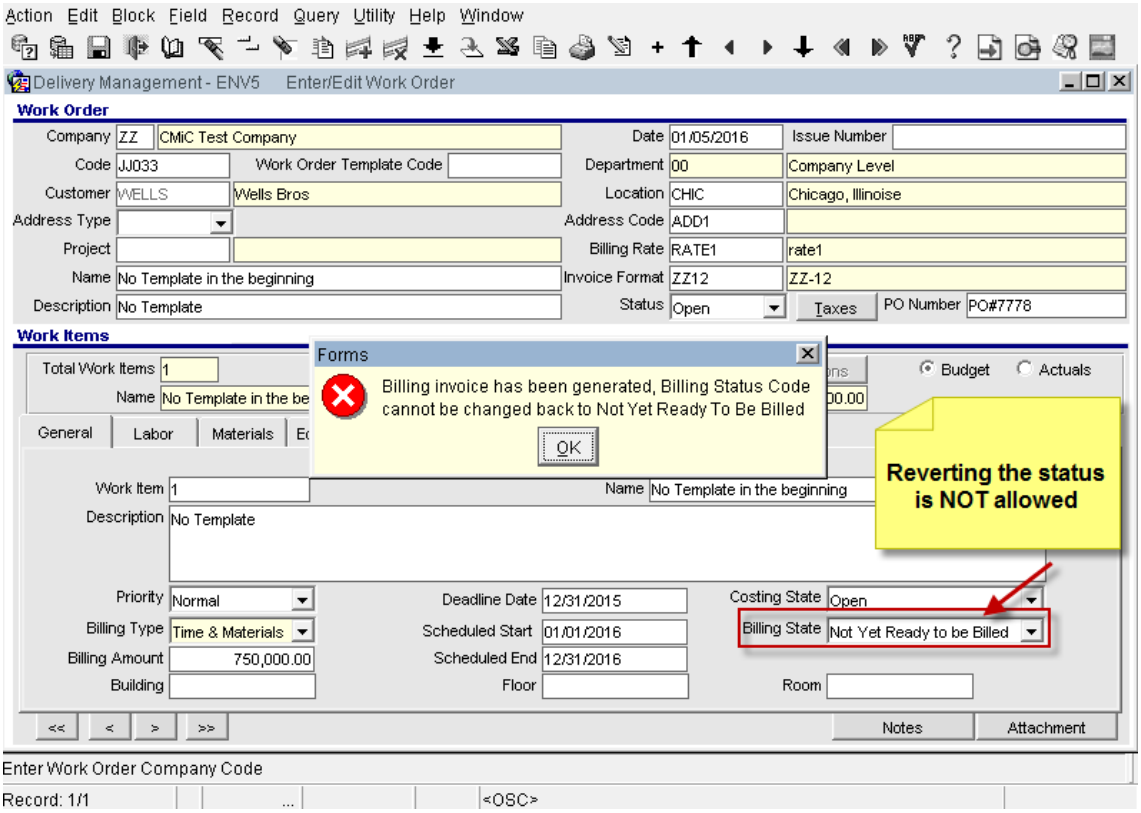
a) Customer – the 'Address Code' field LOV will contain only business partner alternate address codes.
b) Project – The selection of project code, along with the 'Project' field where a valid PM Project code for the customer exists and is selected, will allow the selection of a the 'Location' code from the global tables. Once the location code is selected, the system will automatically populate the address code associated with the location code. Users must note that the address code field is display only as the relationship with location code is 1 to 1 and that users will not be able to select any other invalid combination.
c) All – allows the users to select all address codes from the global tables
d) NULL – When the address type is null and the address code is left as NULL, the system simply populated the 'customer' address into the relevant table columns.

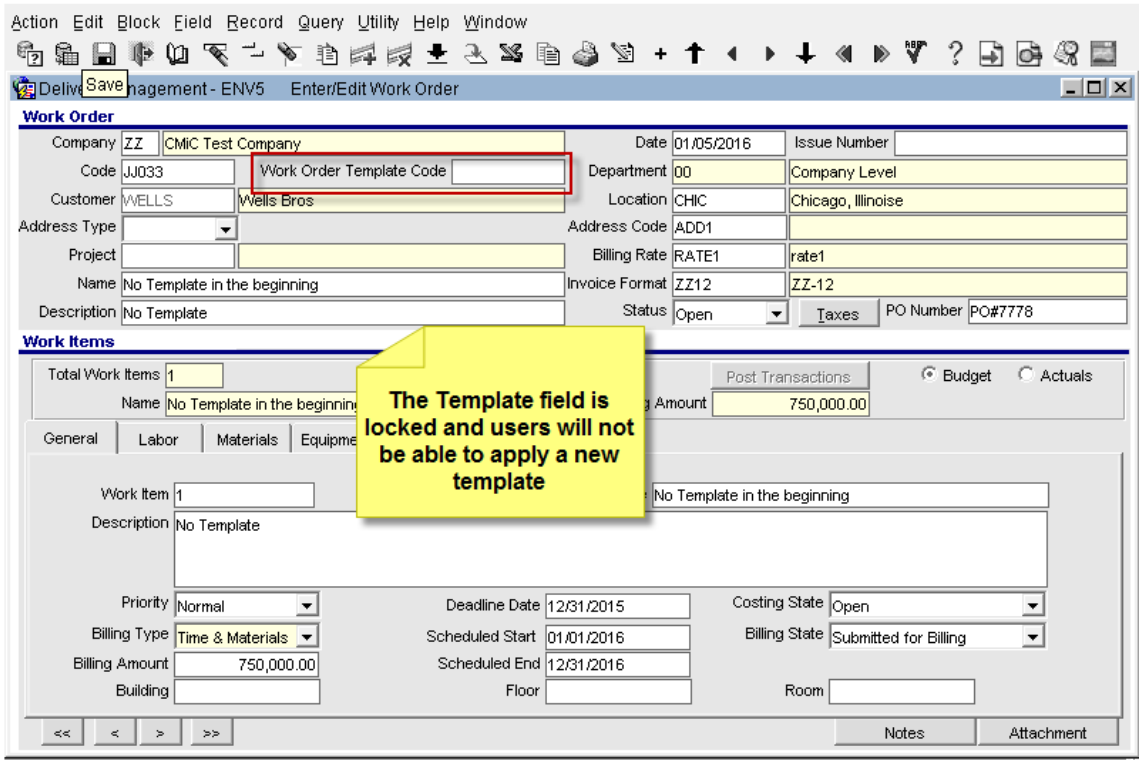
4. PO Number

This is a free form field for reference purposes only. Users may enter any applicable PO Number related to the work order. The maximum length allowed is 11 characters in this field.

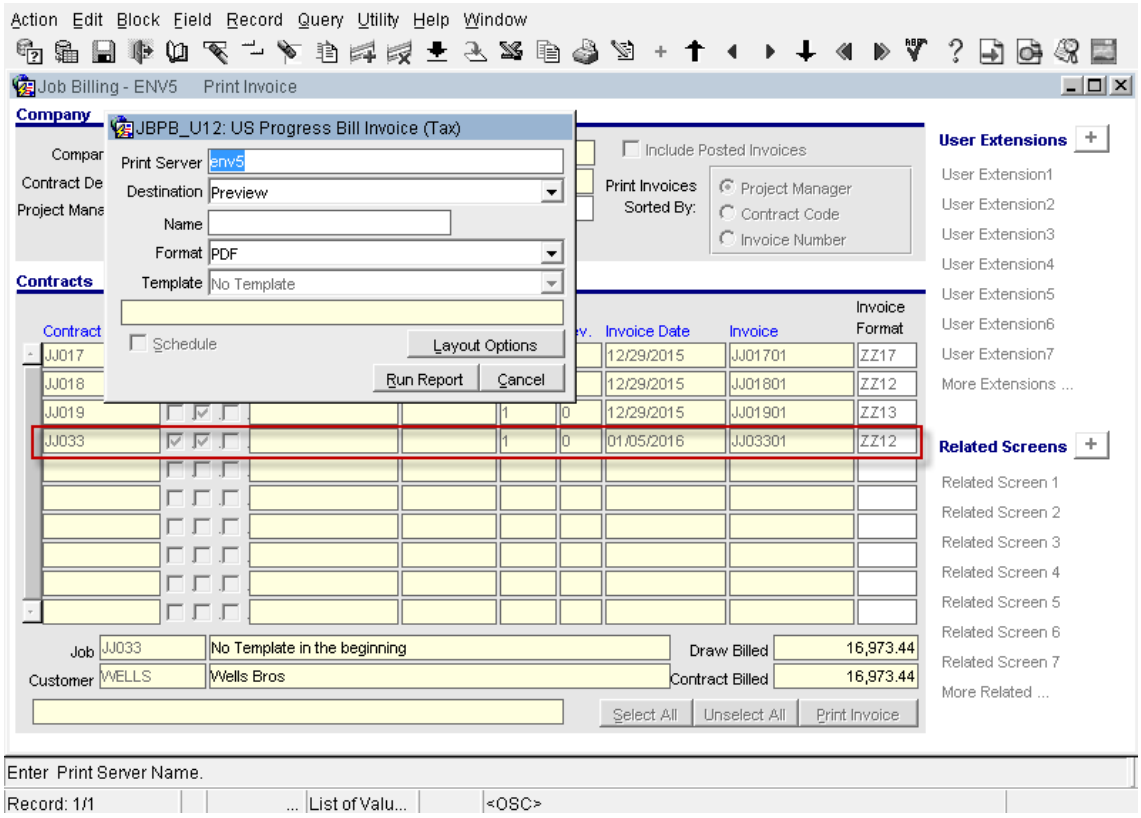
Validations when un-posted or posted invoices exist for a work order.

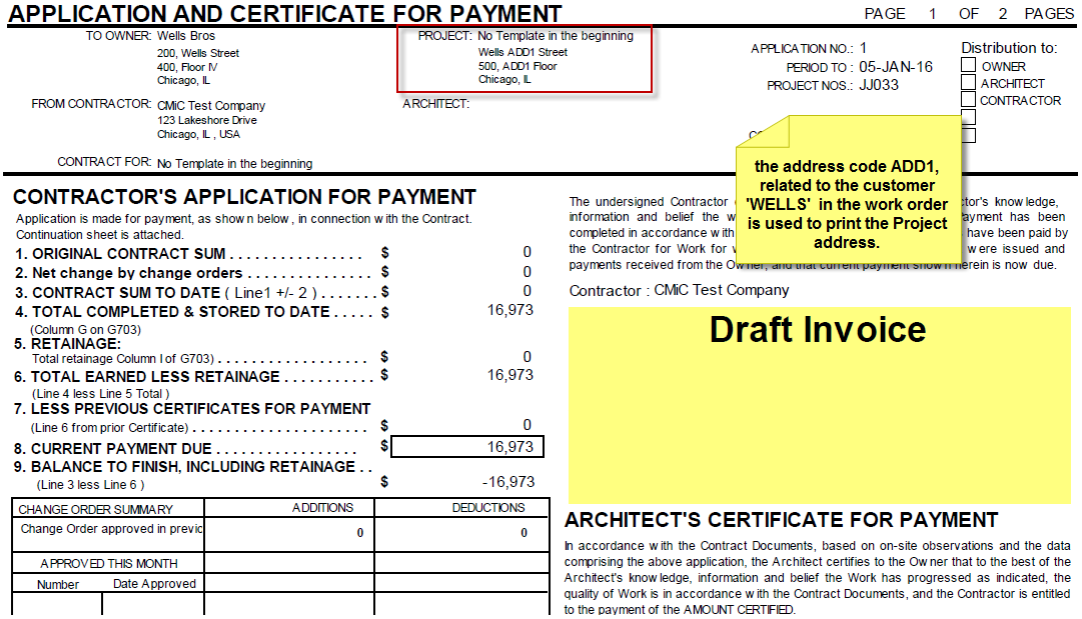

Action Edit Block Field Record Query Utility Help Window
Delivery Management - ENV5 Work Orders Billing
Company
Restrict Contracts To Be Invoiced
Company ZZ CMiC Test Company
From Customer
To Customer
Department
From Work Order
To Work Order
Billing Date 05-JAN-16
Period Ending Date 01/05/2016
Include Transactions Up To:
Posting Date
Reference Date 010516
Transaction Date
Rebuild Unposted Invoices
Prepare Zero Dollar Invoices
Show Work Orders
Work Orders
Select All
WO Code Name WO Status Customer Department Location
JJ017 Customer Address Open Atlantic business Corporation Company Level Chicago, Illinoise
JJ018 Project Address Open Wells Bros Company Level
JJ019 Address Type All Open Wal-Mart Stores Inc Company Level Chicago, Illinoise
JJ033 No Template in the beginning Open Wells Bros Company Level Chicago, Illinoise
Unposted Invoice
Prepare Invoices
Preparation Log
Include J/C Transactions Up To And Including Reference Date Entered. Blank For All.
Record: 1/1
<OSC>


Action Edit Block Field Record Query Utility Help Window
Delivery Management - ENV5 Enter/Edit Work Order
Work Order
Company ZZ CMiC Test Company
Code JJ033
Work Order Template Code
Customer WELLS Wells Bros
Address Type
Project
Name No Template in the beginning
Description No Template
Date 01/05/2016
Department 00 Company Level
Location CHIC Chicago, Illinoise
Address Code ADD1
Billing Rate RATE1 rate1
Invoice Format ZZ12 ZZ-12
Status Open
Taxes
PO Number PO#7778
Issue Number
Work Items
Total Work Items 1
Name No Template in the be
Budget Actuals
General Labor Materials
Forms
Billing invoice has been generated, Billing Status Code cannot be changed back to Not Yet Ready To Be Billed
OK
Reverting the status is NOT allowed
Work Item 1
Name No Template in the beginning
Description No Template
Priority Normal
Billing Type Time & Materials
Billing Amount 750,000.00
Building
Deadline Date 12/31/2015
Scheduled Start 01/01/2016
Scheduled End 12/31/2016
Floor
Costing State Open
Billing State Not Yet Ready to be Billed
Room
Notes
Attachment
Enter Work Order Company Code
Record: 1/1
<OSC>



Billing Invoice printing:





APPLICATION AND CERTIFICATE FOR PAYMENT

PAGE 1 OF 2 PAGES

TO OWNER: Wells Bros
200, Wells Street
400, Floor IV
Chicago, IL

FROM CONTRACTOR: CMiC Test Company
123 Lakeshore Drive
Chicago, IL , USA

CONTRACT FOR: No Template in the beginning

PROJECT: No Template in the beginning
Wells ADD1 Street
500, ADD1 Floor
Chicago, IL

ARCHITECT:

APPLICATION NO.: 1
PERIOD TO : 05-JAN-16
PROJECT NOS.: JJ033

Distribution to:
OWNER
ARCHITECT
CONTRACTOR

the address code ADD1, related to the customer 'WELLS' in the work order is used to print the Project address.

CONTRACTOR'S APPLICATION FOR PAYMENT

Application is made for payment, as show n below , in connection w ith 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 G on G703)	$	16,973
5. RETAINAGE: Total retainage Column I of G703)	$	0
6. TOTAL EARNED LESS RETAINAGE (Line 4 less Line 5 Total)	$	16,973
7. LESS PREVIOUS CERTIFICATES FOR PAYMENT (Line 6 from prior Certificate)	$	0
8. CURRENT PAYMENT DUE	$	16,973
9. BALANCE TO FINISH, INCLUDING RETAINAGE (Line 3 less Line 6)	$	-16,973

CHANGE ORDER SUMMARY	ADDITIONS	DEDUCTIONS
Change Order approved in previc	0	0
APPROVED THIS MONTH		
Number / Date Approved		

The undersigned Contractor ... tor's know ledge, information and belief the w ... ayment has been completed in accordance w ith ... have been paid by the Contractor for Work for w ... w ere issued and payments received from the O... and that current payment show n herein is now due.

Contractor : CMiC Test Company

Draft Invoice

ARCHITECT'S CERTIFICATE FOR PAYMENT

In accordance w ith the Contract Documents, based on on-site observations and the data comprising the above application, the Architect certifies to the Ow ner that to the best of the Architect's know ledge, information and belief the Work has progressed as indicated, the quality of Work is in accordance w ith the Contract Documents, and the Contractor is entitled to the payment of the AMOUNT CERTIFIED.

The invoice above shows the address details are as found in customer address code from the work order header.

NOTE: As the Payroll Related Information are copied from the Template in to the job table, the information flow is ensured to payroll timesheet entry as well.

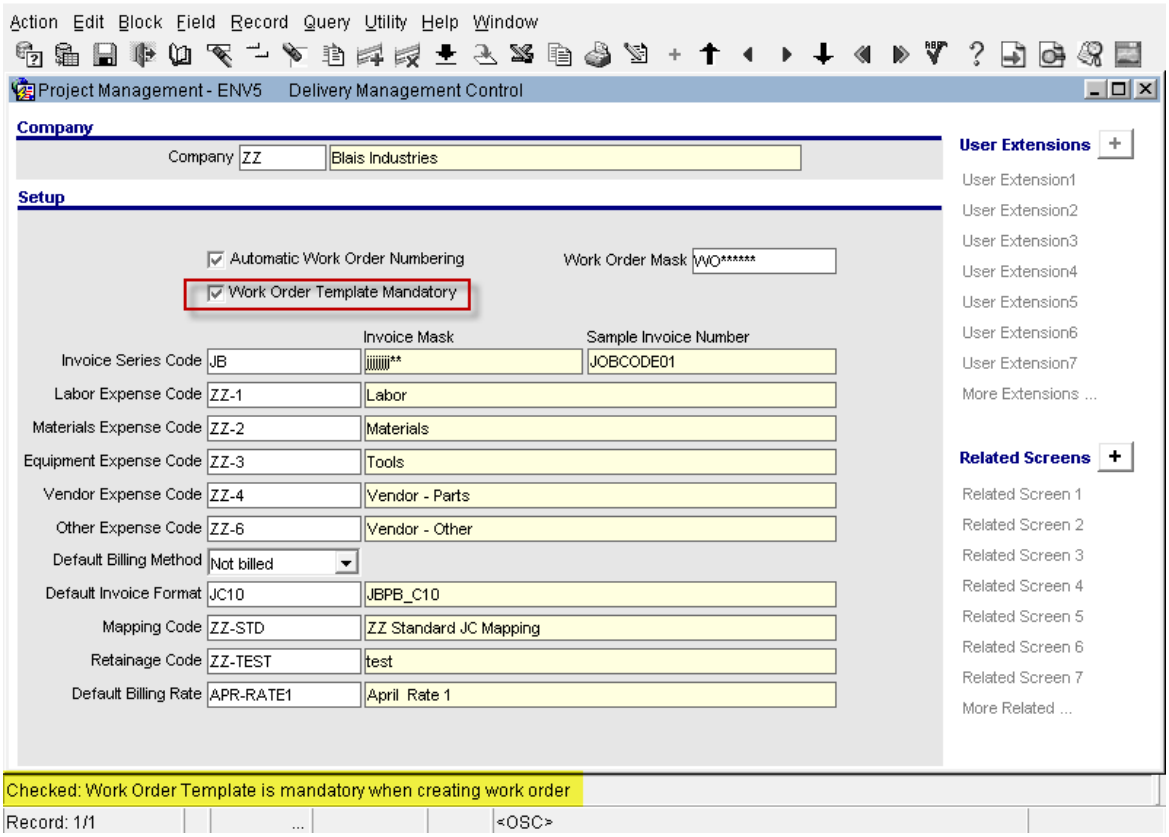
Work Order template – Additional Modifications (16.18328)

Overview:

To make work order template mandatory and to add additional fields.

Modifications:

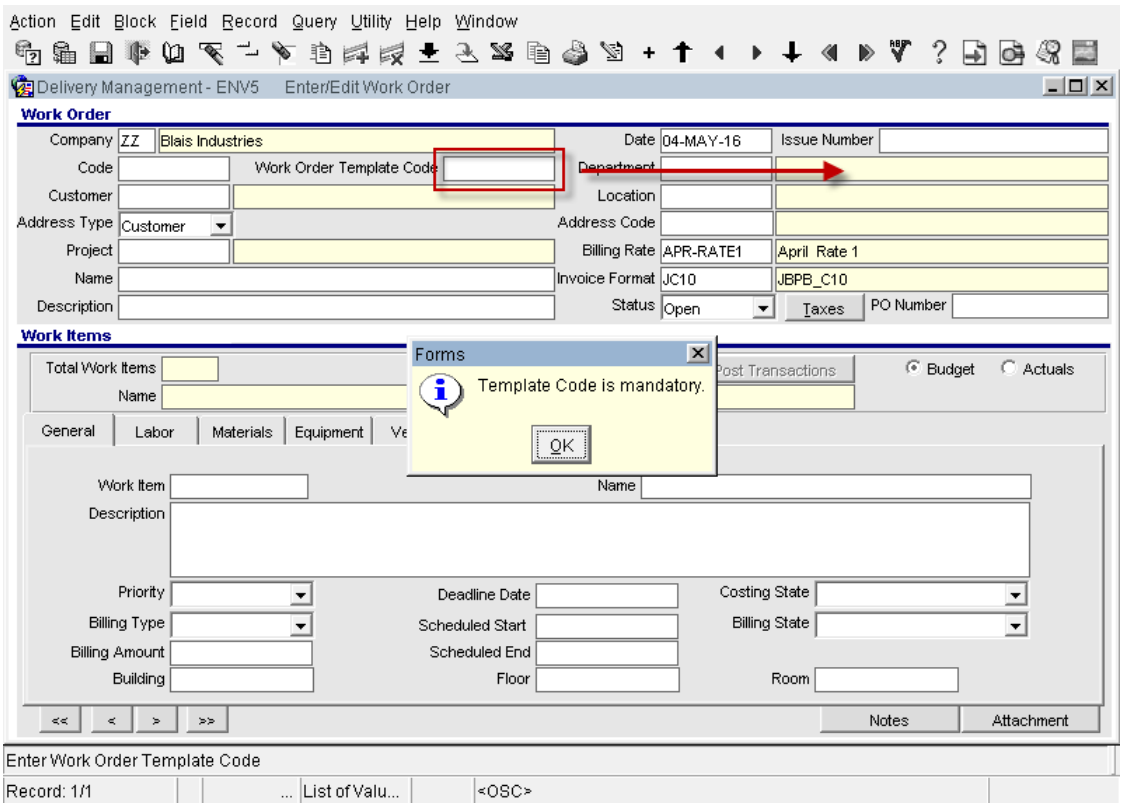
The Work Order Billing Control File is modified with a checkbox to make the use of work order template mandatory.



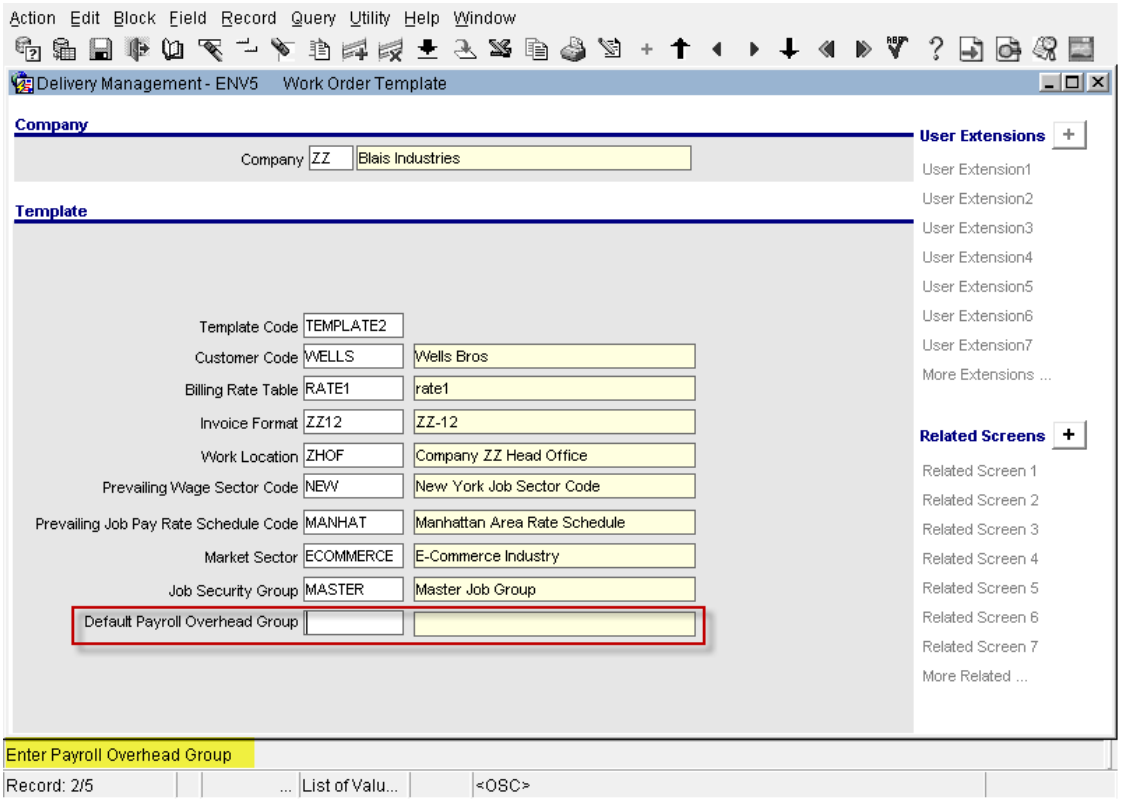
Work Order Billing > Control File (bladmctrlfm.fmx)

The default value is set as ‘N’ (un-checked).

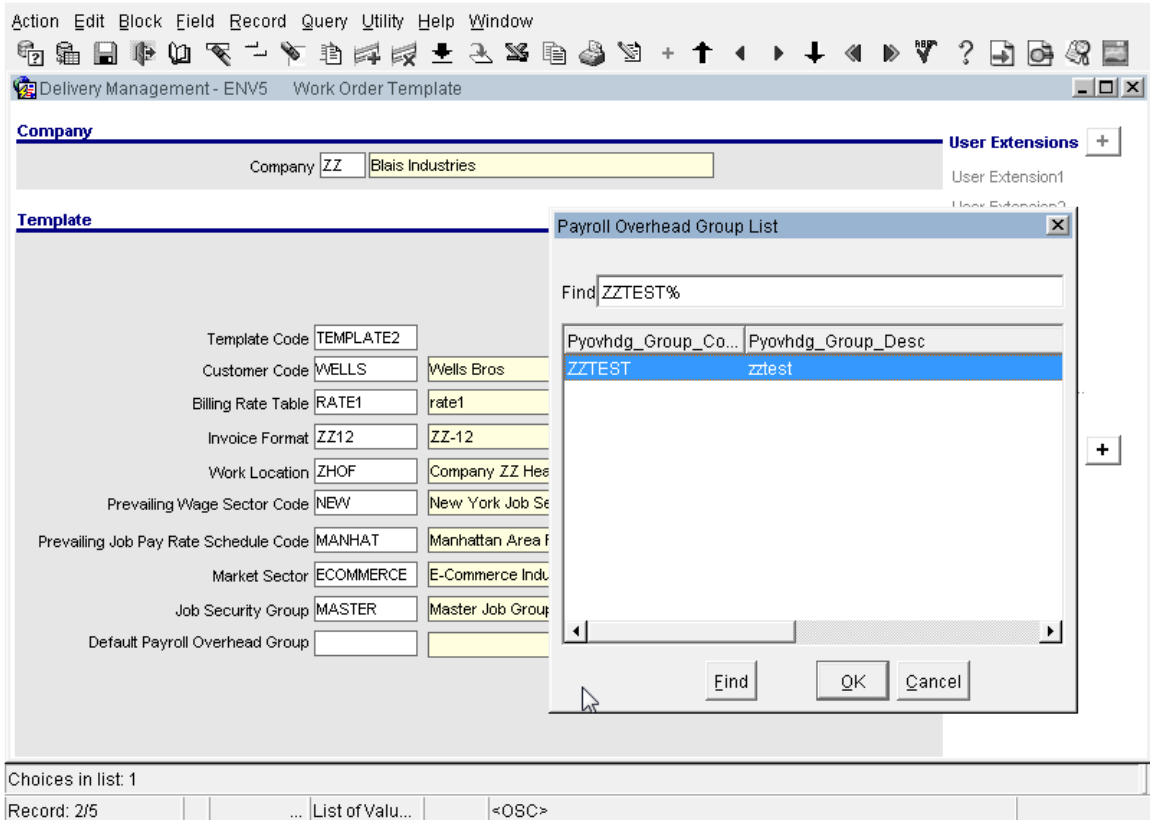
When checked, during work order entry, system will force the user to apply a template.

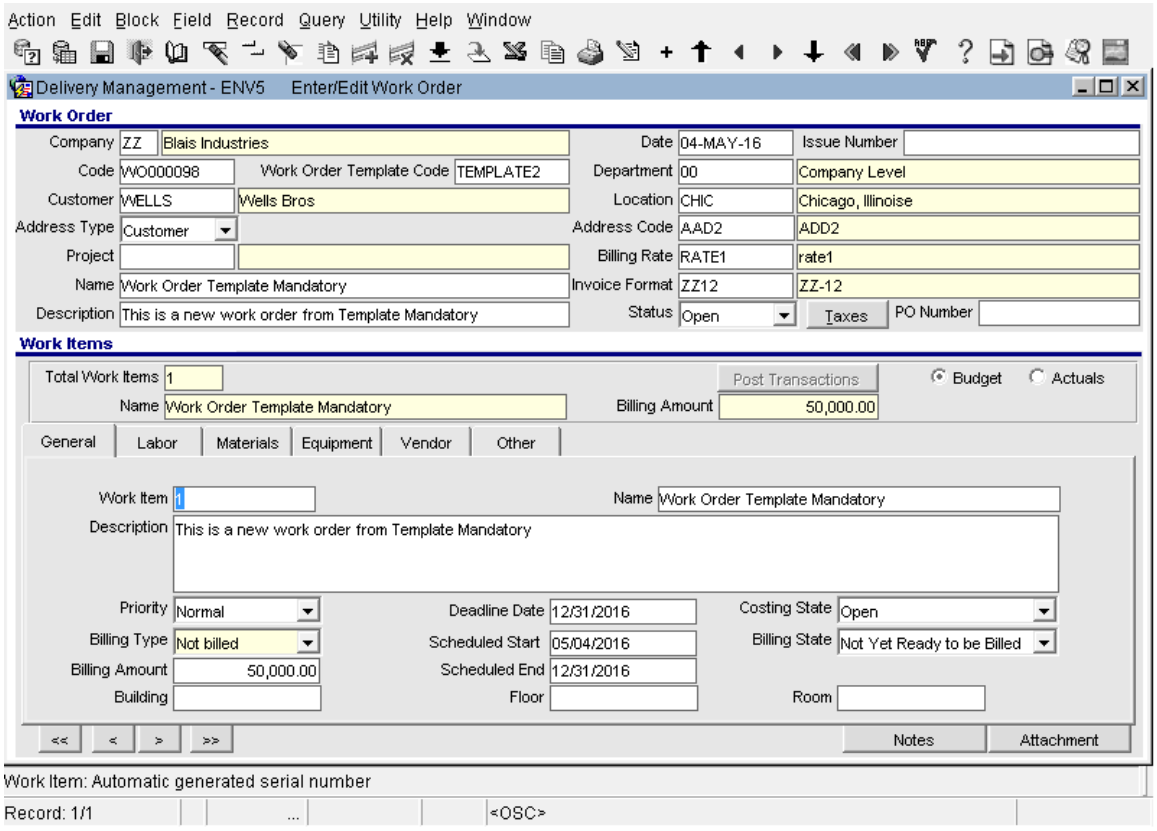


Also added a field 'Default Payroll Overhead Group' to work order template maintenance screen.



Work Order Billing > Custom programs > Work Order Template (bladmworkordert.fmx)


Action Edit Block Field Record Query Utility Help Window
Delivery Management - ENV5 Work Order Template
Company
Company ZZ Blais Industries
User Extensions
User Extension1
Template
Template Code TEMPLATE2
Customer Code WELLS Wells Bros
Billing Rate Table RATE1 rate1
Invoice Format ZZ12 ZZ-12
Work Location ZHOF Company ZZ Hea
Prevailing Wage Sector Code NEW New York Job Se
Prevailing Job Pay Rate Schedule Code MANHAT Manhattan Area F
Market Sector ECOMMERCE E-Commerce Indu
Job Security Group MASTER Master Job Group
Default Payroll Overhead Group
Payroll Overhead Group List
Find ZZTEST%
Pyovhdg_Group_Co... Pyovhdg_Group_Desc
ZZTEST zztest
Find OK Cancel
Choices in list: 1
Record: 2/5 ... List of Valu... <OSC>


Action Edit Block Field Record Query Utility Help Window
Delivery Management - ENV5 Enter/Edit Work Order
Work Order
Company ZZ Blais Industries
Code WO0000098 Work Order Template Code TEMPLATE2
Customer WELLS Wells Bros
Address Type Customer
Project
Name Work Order Template Mandatory
Description This is a new work order from Template Mandatory
Date 04-MAY-16 Issue Number
Department 00 Company Level
Location CHIC Chicago, Illinoise
Address Code AAD2 ADD2
Billing Rate RATE1 rate1
Invoice Format ZZ12 ZZ-12
Status Open Taxes PO Number
Work Items
Total Work Items 1 Post Transactions Budget Actuals
Name Work Order Template Mandatory Billing Amount 50,000.00
General Labor Materials Equipment Vendor Other
Work Item 1 Name Work Order Template Mandatory
Description This is a new work order from Template Mandatory
Priority Normal Deadline Date 12/31/2016 Costing State Open
Billing Type Not billed Scheduled Start 05/04/2016 Billing State Not Yet Ready to be Billed
Billing Amount 50,000.00 Scheduled End 12/31/2016
Building Floor Room
<< < > >> Notes Attachment
Work Item: Automatic generated serial number
Record: 1/1 ... <OSC>

Users may verify in the Job Entry (User must have the privilege set in order to see this in Job Entry) that the newly added ‘Payroll Overhead Group field is populated from the template.

Ability to Select Projects Irrespective of the Customer in W.O.B (20.30792)

Overview

In W.O.B, projects are visible based on the customer selected. This new flag will give user the ability to select project irrespective of the customer selected in work order.

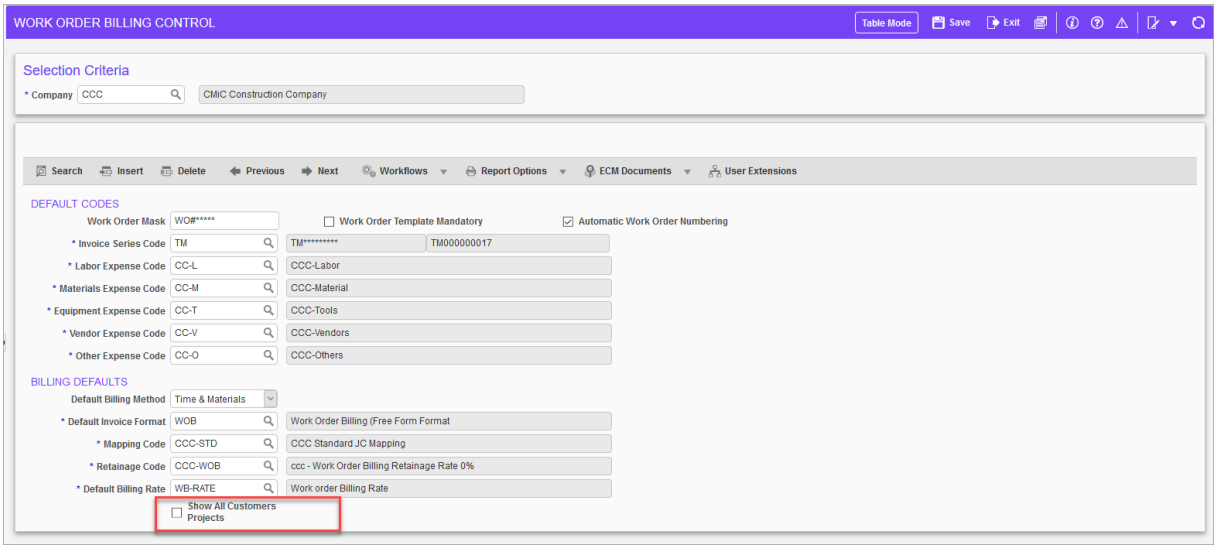
Pre-requisites

- ‘Show All Customers Projects’ in WOB control file must be checked.
- By default, the flag is un-checked.

Modifications

- Flag ‘Show All Customers Projects’ added in Work Order Billing > Setup > Local Tables > Control

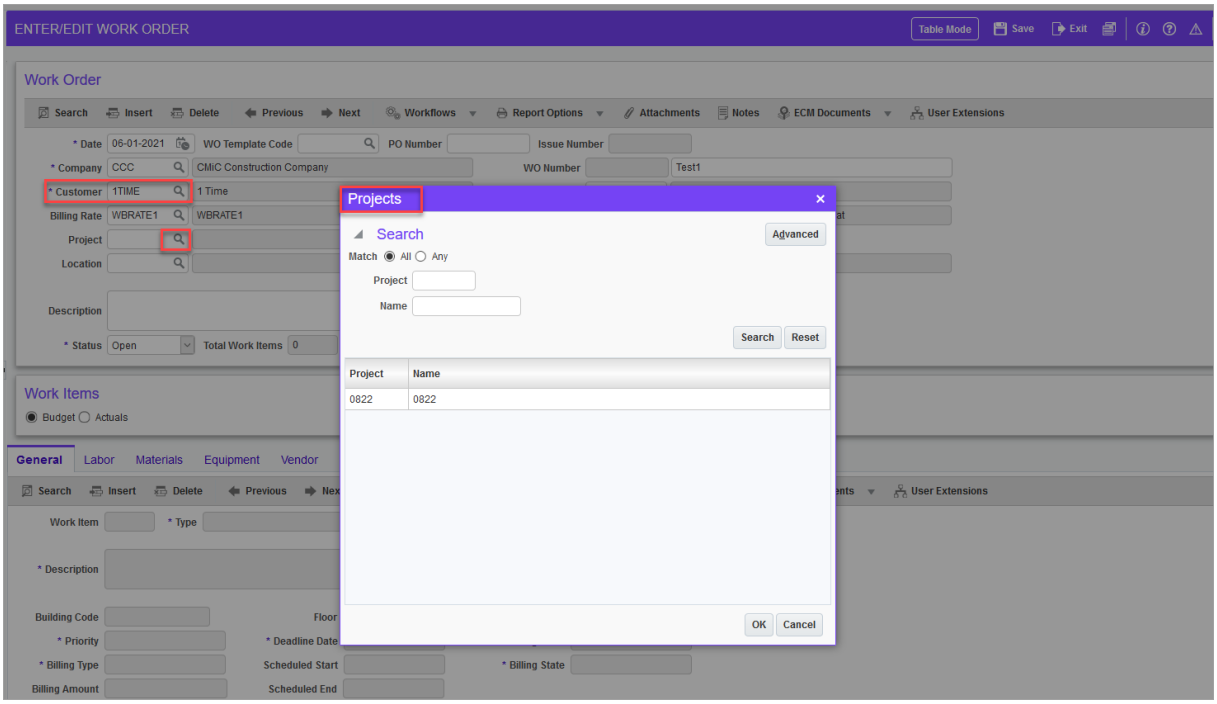
Following screens shows the modifications performed:



Work Order Billing > Setup > Local Tables > Control

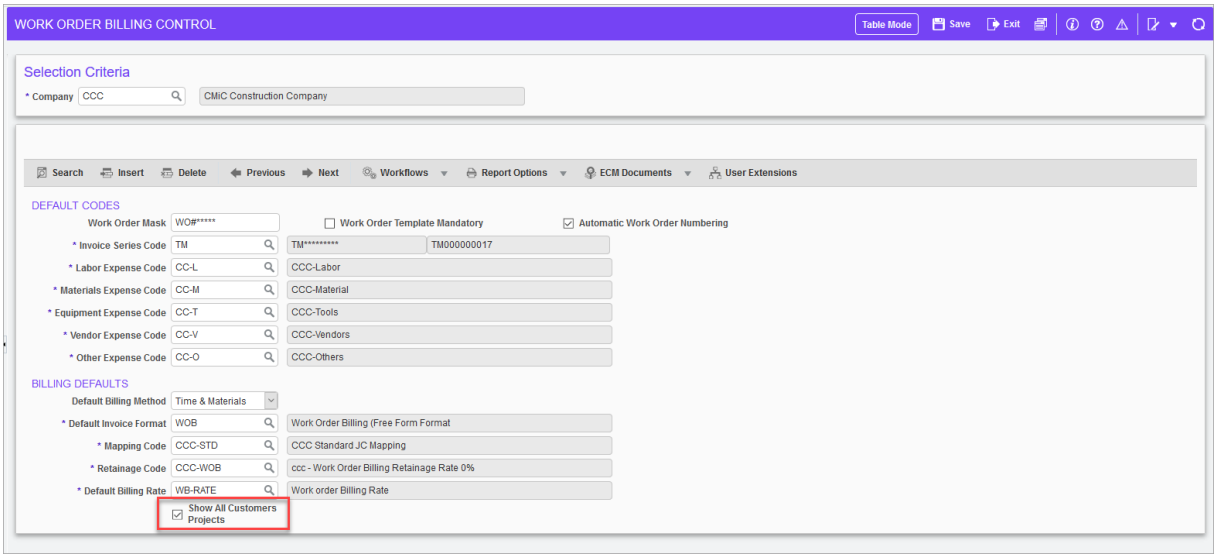
Implementation

Customer: 1TIME
Comp: CCC
0822 Project is visible in Project LOV based upon the customer.



Work Order Billing > Work Orders > Enter/Edit Work Order – Project LOV

Checked the ‘Show All Customers Projects’ in W.O.B control file.

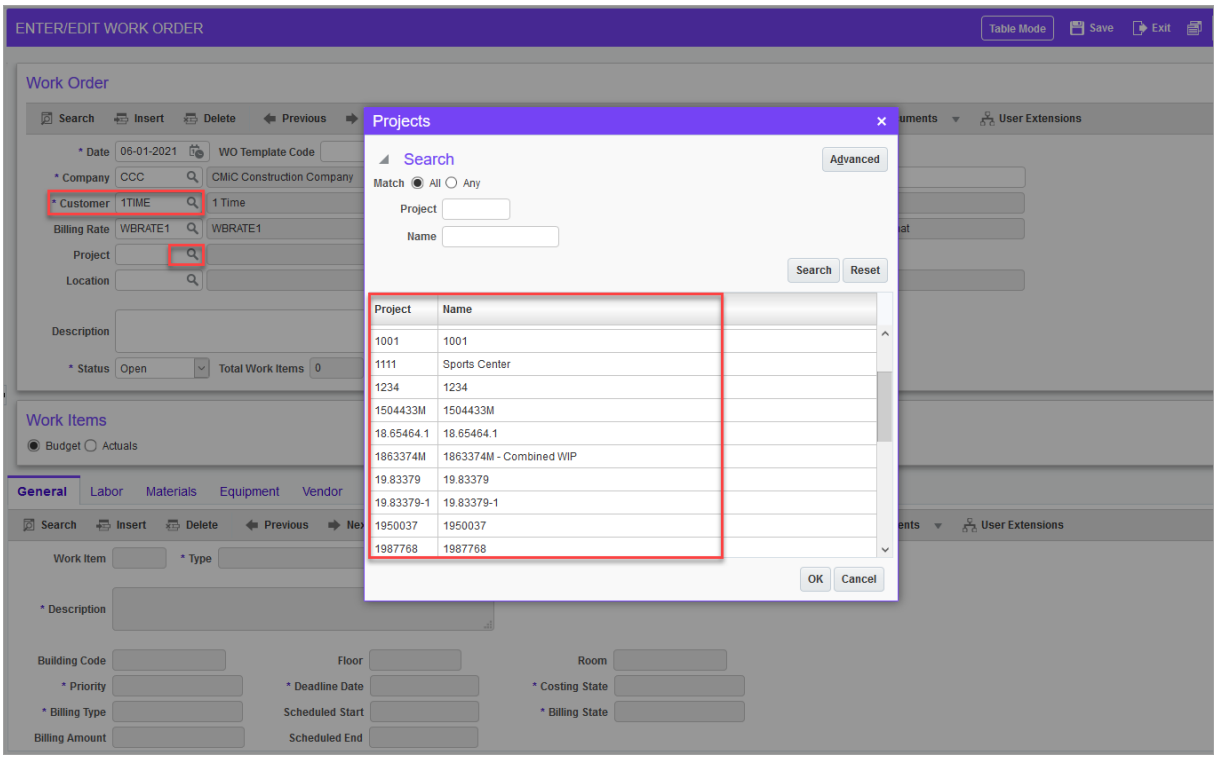


Work Order Billing > Setup > Local Tables > Control

Enter/Edit Work Order

Customer: 1TIME

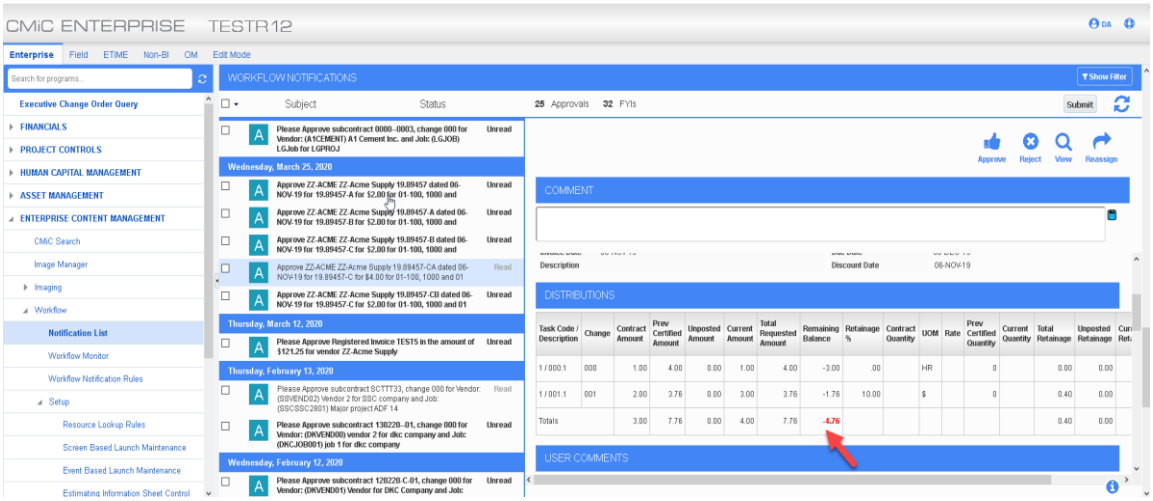
All the projects are visible upon checking the control file flag.



Work Order Billing > Work Orders > Enter/Edit Work Order – Project

Workflow

Workflow Notification – Negative Total Remaining Balance in Red (19.93016)



In the Workflow Notification screen changes have been made to show the Total Remaining Balance values that are negative (i.e. < 0) as red and bold, so that they stand out.

Compliance Workflow (19.90300)

This feature incorporates a scheduler set for emails to be sent to users if the Compliance/Insurance will soon expire or has expired. This gives the user a notification so that they can renew their license/compliance.

1. Pre-requisite

The Role Maintenance screen should have the field security as Unrestricted for the Notifications Defaults tab of the Project Control screen (see 2b below).

The contact who will receive the email should also have a key player PM Role for that Project.

2. Setup

a) Workflow

Workflow Lookup rules need to be set as follows:

Path: Enterprise ADF > Workflow > Setup > Workflow Lookup Rules:

Compliance After Role

Compliance Before Role

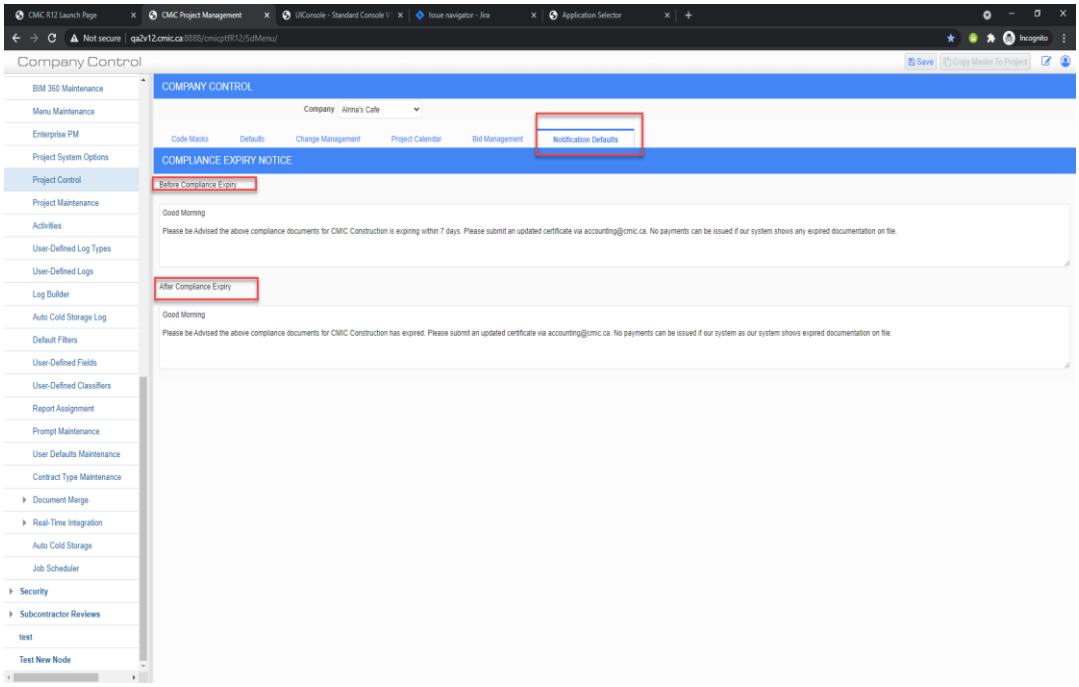
Compliance Days After

Compliance Days Before

Compliance Sender Email

b) Project Control

The Notification Defaults tab of Project Control is used to set up the text that needs to be in the notification email Before Compliance Expiry and After Compliance Expiry



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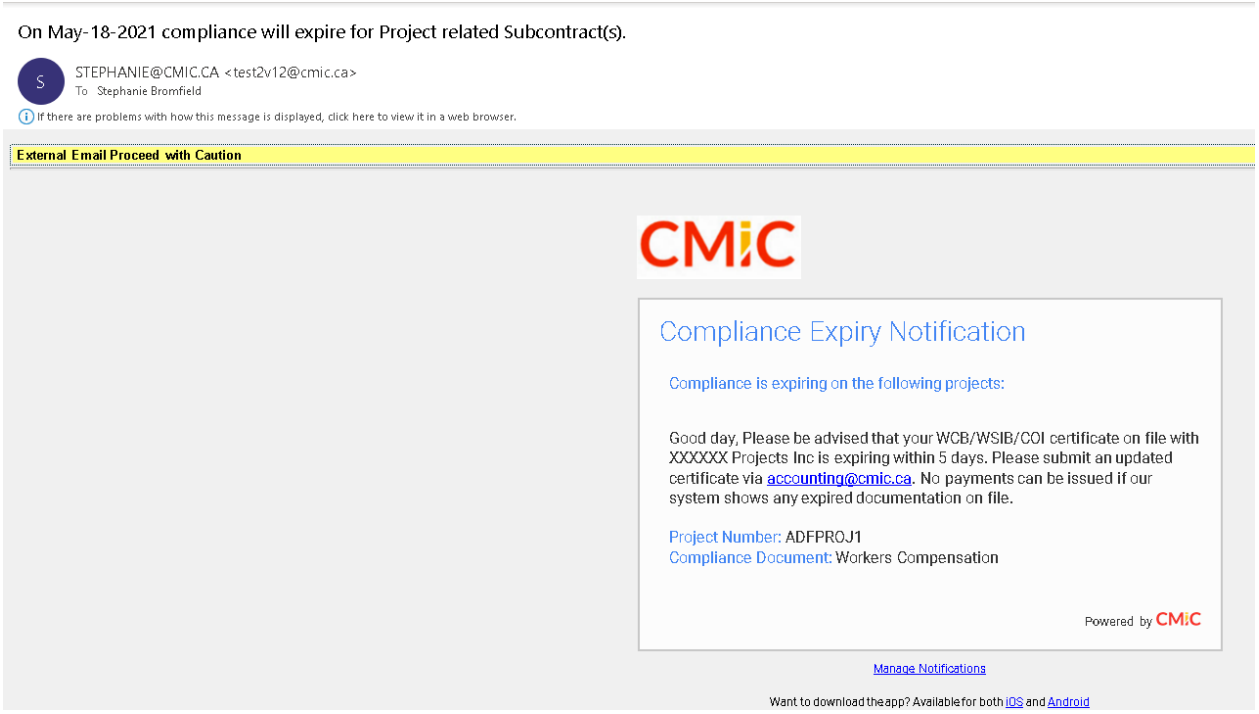
3. Process

Once the necessary setup is in place, the compliances are checked on Subcontracts by an overnight Workflow process. If the compliances would expire or have expired based on the Compliance Days Before and the Compliance Days After set in the Workflow Lookup screen, notifications will be sent to the project contacts who are on the projects with the key player role that has been set up in the Workflow Lookup screen.

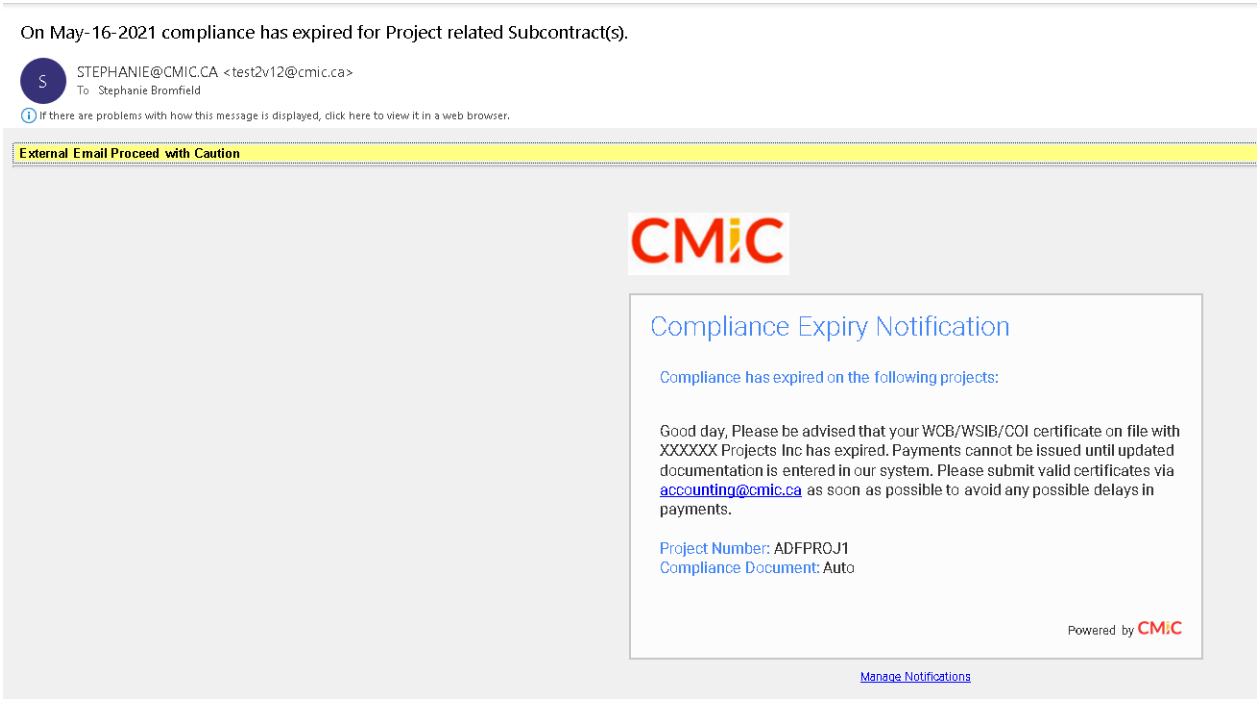
Note—Both, the vendor and the contact will receive the email if the setup is correct and the compliance expiration conditions are met.

Sample notices:

BEFORE EXPIRY:

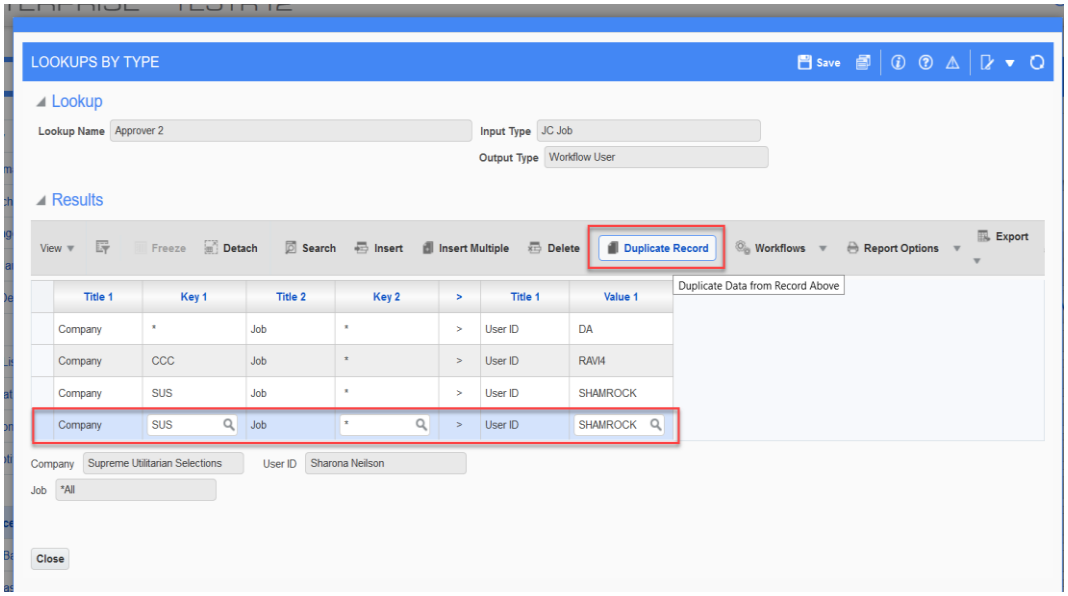


AFTER EXPIRY:



[Duplicate Record] Button on Resource Lookup Screen (21.42399)

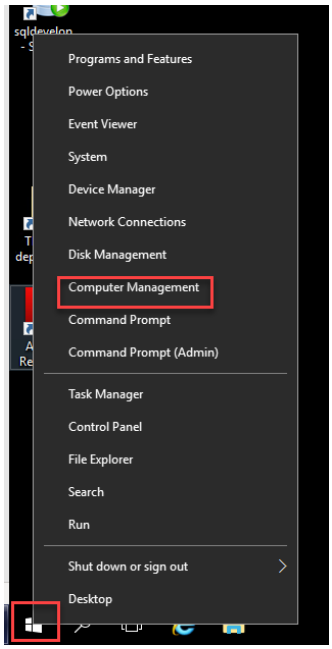
The [**Duplicate Record**] button is added to Values pop-up in Resource Lookup screen. When the user inserts a new line and clicks [**Duplicate Record**] button – it duplicates the values from the line above.



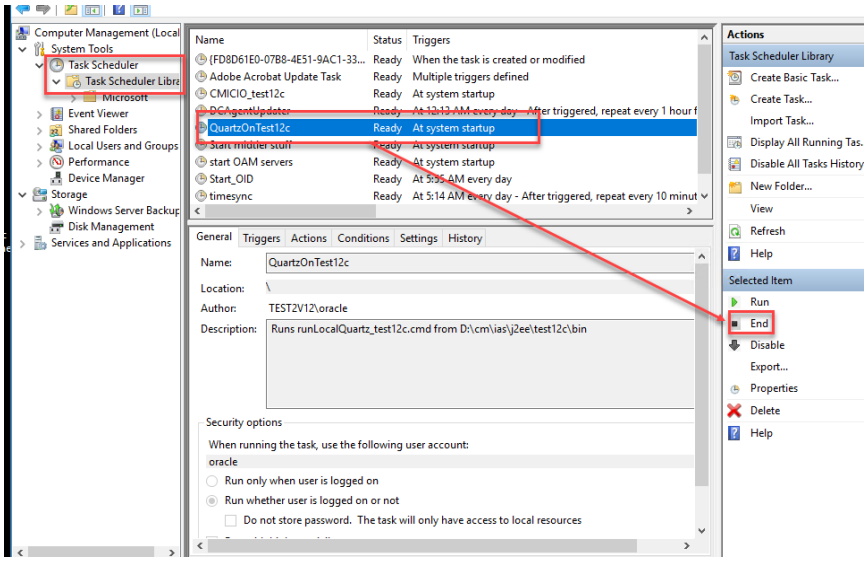
Stopping Quartz Schedule Task Processes before Applying Patches

1. Stop Schedule Task from Computer Management.

   a. Go to Computer Management through right mouse button click on :

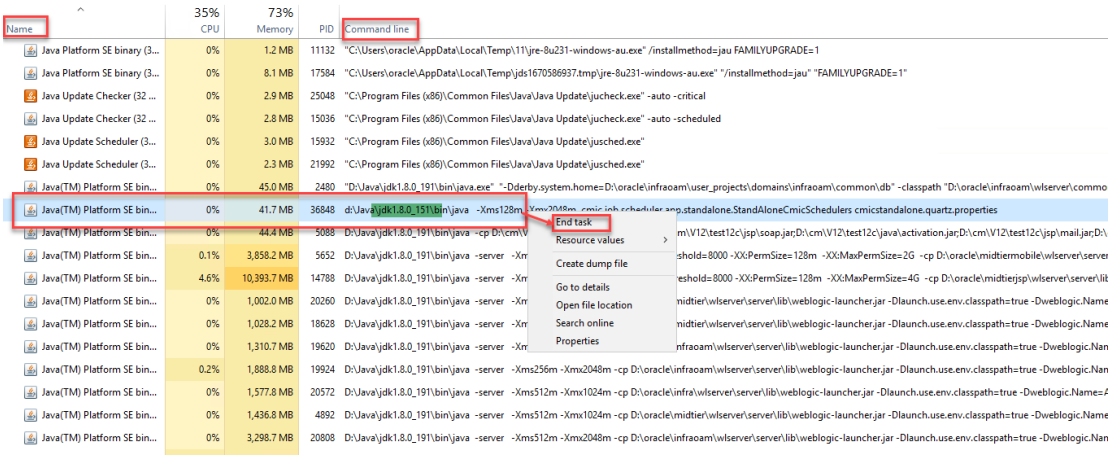


b. Choose Quartz task from Task Scheduler Library for patching environment (the name of environment can be revealed as part of name of Schedule Task). Press End to be sure the Status of Task is “Ready”.



2. Shut down the java process from Task Manager.

a. In Task Manager – go to Processes, sort them by Name, select task from the Java ones with Command Line containing jdk1.8.0_151 part, press right mouse button on task then press End task.



3. In case there are few Quartz Schedule Tasks in the same machine – stop/interrupt all of them. After patch will be applied – restart all Quartz Schedule Tasks.