

RAMCO AVIATION SOLUTION

ENHANCEMENT NOTIFICATION

Version 5.8.9

Finance

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WHAT'S NEW IN PAYABLES MANAGEMENT?

Ability to auto match draft order invoice to Fresh/Authorized upon completion of goods receipt

Reference: APRP-120

Background

Draft Order Invoice primarily signifies that Invoice is received from the Supplier for the parts that are not physically received in the warehouse. Additionally, there is no Goods Receipt registered for the parts that are received from the Supplier. Currently in such a scenario, application allows the invoice to get saved in 'Draft Status' with the Purchase Order information alone. After the actual receipt of those parts in the warehouse, the invoice has to be manually matched by the user to 'Matched' or 'Authorized' status. This enhancement is to automate this process of auto matching of invoice to next status post GI completion.

Change Details

OU Parameter Setup

The following set options are added in the **Set Finance Process Parameters** for auto matching Draft Invoices upon completion of GI under Parameter level - 'Organization Unit Level' Business Process 'Payables Management' and Category 'Order Based Invoice'

1. Enable retrieval and processing of order lines for Pre-GI Invoices
Permitted Values: Enter '0' for 'No' and '1' for 'Yes'.
2. Auto Match Draft Order Invoices to Matched/ Authorized Status upon GI Completion
Permitted Values: Enter '0' for 'No' and '1' for 'Yes'.
3. Status of auto matched draft invoices upon GI Completion
Permitted Values: Enter '0' for 'Matched' and '1' for 'Authorized'
4. Auto Default 'Retrieve Order Info.' check box in Maintain Invoice
Permitted Values: Enter '0' for 'No' and '1' for 'Yes'.
5. Default 'Decision Pending with buyer' for Auto Match failed Invoices
Permitted Values: Enter '0' for 'No' and '1' for 'Yes'.



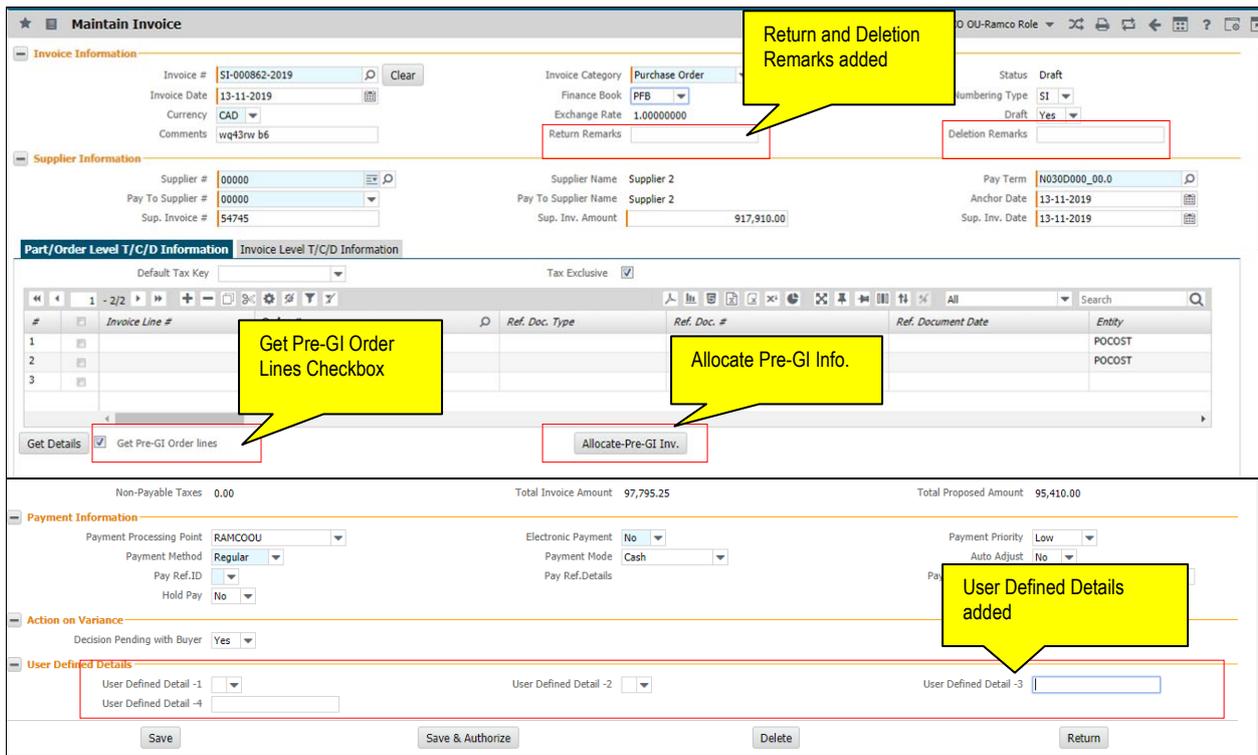
Note:

1. *Only if the set option 'Auto Match Draft Order Invoices to Matched / Authorized Status upon GI Completion' is set as 'Yes', the invoice will get auto upgraded to next status based on background routine.*
2. *When the set option 'Auto Default 'Retrieve Order Info.' check box in Maintain Invoice' is set as 'Yes', the checkbox will be checked on screen launch else.*

3. Based on the 'Decision Pending with buyer' option set in Set Finance Process Parameters, the option will get saved as 'Yes' or 'No' for the invoices which are auto processed as Auto Match Failed Invoices.
4. Only when set option 'Enable retrieval and processing of order lines for Pre-GI Invoices' is set as 'Yes' the 'Get Pre-GI Order lines.' checkbox will be enabled.
5. Even if the set option for auto upgrade is set as 'Matched' or 'Authorized', if the variance exceeds the limit set for Auto-Match tolerance, the invoice will get upgraded to Auto-Match Failed status.

Exhibit 1:

Represents the changes done in **Maintain Invoice** screen for Draft Invoice in the **Supplier Order Based Invoice** business process



Details of the feature:

- A background routine (scheduler) to be introduced, which will be triggered upon GI acceptance, if the set option "Auto Match Draft Order Invoices to Matched/ Authorized Status upon GI Completion" is set as Yes.
- This scheduler will check for the GI completion against the Order lines in the draft Invoices which are recorded without GI information (either manually or through OCR or any other integration).
- Order # will be matched by the scheduler with the GI and if GI is completed for all the parts and quantities, the invoice lines will be split based on the GIs and its quantity, without manipulating the Invoice Rate, Invoice Qty.
- The Draft Order Invoice will get auto upgraded to Matched / Authorized status based on set option for

Invoice status: Status of auto matched draft invoices upon GI Completion.

- The date of the Order Invoice will be based on the latest GI Confirmation date or Original invoice date whichever is later, since Invoice date cannot precede the GI confirmation date.
- This will be applicable for Invoices which are generated in draft Status through OCR integration with Order lines in it, when GIs are not fully completed.
- 'Allocate Pre-GI Inv.' button can be used to manually match a draft invoice and retrieve the GI information, post which Invoice can be saved in Matched and authorized.
- The User Defined -1 and User Defined -2 combo will get loaded from Finance Setup – Quick Codes defined for the entity: 'Order Invoice User Details-1' and 'Order Invoice User Details-2 '.
- On click of Return button, Return remarks will be mandatory.
- On click of Delete button, deletion remarks will be mandatory.

Ability to auto hold auto match failed invoices based on an option

Reference: APRP-135

Background

Currently, the 'Hold Invoice for Payment' field is selected manually by the buyer or AP user as the case may be when the Auto Match Failed Invoices is force matched. At times, even when the Variance is not agreed and classified as 'Supplier Receivable', invoices are not being held for payments till the time the credit memo is obtained from the Supplier. Hence the requirement is to always hold auto match failed Invoices if it is 'Supplier Receivable'. Similarly, even for matched Invoices there is no provision to hold the invoices during creation. In this enhancement, ability to auto default the hold pay value is provided while force matching the invoice as well during normal matching.

Change Details

OU Parameter Setup

Three new process parameters are added under the Parameter Level 'Organization Unit Level', Business Process 'Payable Management' and Category 'Supplier Order Based Invoice' in the **Set Finance Process Parameters** activity of the **OU Parameter Setup** business component.

- Process Parameter "Default Hold Pay in Maintain Invoice" with the permitted value "Enter '0' for 'No', '1' for 'Yes' and '2' for Based on Selection".
- Process Parameter "Default option for Hold Pay in Match Invoice for Variance Accounting: Supplier Receivable" with the permitted value "Enter '0' for Hold '1' for Hold if not selected and '2' for Based on Selection".
- Process Parameter "Default Hold Pay in Match Invoice for Variance Accounting: Expense off" with the permitted value "Enter '0' for No '1' for No if not selected and '2' for Based on Selection".

Exhibit 1: Identifies the **set Finance Process Parameters** screen

#	Business Process	Category	Process Parameter	Permitted Value	Value	Status	Error Message
1	Payable Management	Supplier Order Based Invoice	Auto Default 'Get Order Lines' check box in Maintain	Enter '0' for 'No' and '1' for 'Yes'	1	Defined	
2	Payable Management	Supplier Order Based Invoice	Auto Match Draft Order Invoices to Matched / Authorized	Enter '0' for 'No' and '1' for 'Yes'	1	Defined	
3	Payable Management	Supplier Order Based Invoice	Auto-Match Order Amended Invoices	Enter '0' for 'No' and '1' for 'Yes'	1	Defined	
4	Payable Management	Supplier Order Based Invoice	Auto generate Supplier Invoices for closed POs/ROs with	Enter '0' for 'No', '1' for 'Yes', and '2' for Based on Selection	1	Defined	
5	Payable Management	Supplier Order Based Invoice	Default Numbering Type for Auto generated Invoices	Enter a valid Numbering Type defined in the	SI	Defined	
6	Payable Management	Supplier Order Based Invoice	Default 'Decision Pending with buyer' for Auto Match failed	Enter '0' for 'No' and '1' for 'Yes'	1	Defined	
7	Payable Management	Supplier Order Based Invoice	Default Hold Pay in Match Invoice for Variance Accounting: Expense off	Enter '0' for No '1' for No if not selected and '2' for Based on Selection	0	Defined	
8	Payable Management	Supplier Order Based Invoice	Default option for Hold Pay in Match Invoice for Variance Accounting: Supplier Receivable	Enter '0' for Hold '1' for Hold if not selected and '2' for Based on Selection	0	Defined	
9	Payable Management	Supplier Order Based Invoice	Default Hold Pay in Maintain Invoice	Enter '0' for 'No' '1' for 'Yes' and '2' for Based on Selection	0	Defined	
10	Payable Management	Supplier Order Based Invoice	Enable retrieval and processing of order lines for Pre-GI	Enter '0' for 'No' and '1' for 'Yes'	1	Defined	
11	Payable Management	Supplier Order Based Invoice	Generate Direct Exec. Cost JV against AME for Invoice Rate	Enter '0' for 'No' and '1' for 'Yes'	1	Defined	
12	Payable Management	Supplier Order Based Invoice	Generate Direct Exec. Cost JV against SWO for Invoice	Enter '0' for 'No' and '1' for 'Yes'	1	Defined	

Supplier Order Based Invoice

Maintain Invoice

A new drop-down field "Hold Pay" is added in the 'Payment Information' section of the **Maintain Invoice** screen. This field is added as a display field in the **View Order Based Invoice** screen. The "Hold Pay" field gets defaulted on launching the maintain invoice screen based on the process parameter "Default Hold Pay in Maintain Invoice" set in **Set Finance Process Parameters** screen of the **OU Parameter Setup** business component.

- If the process parameter is set as '0' (No), the system defaults the field with the value 'No'.
- If the process parameter is set as '1' (Yes), the system defaults the field with the value 'Yes'.
- If the process parameter is set as '2' (Based on Selection), the system defaults the field with the value as blank and error will be available for the user to select this option during creation of Invoice.

Note: Irrespective of the set option, the Hold Pay value can be changed by the user.

In case of Scanned Invoices generated automatically through OCR process, the Hold Pay value given in the input will have preference irrespective of the set option.

Exhibit 2: Identifies the **Maintain Invoice** screen

Match Invoice

On click of "Match Invoice" pushbutton, the "Hold Invoice for Payment" field is updated based on the process parameter "Default option for Hold Pay in Match Invoice for Variance Accounting: Supplier Receivable" set in the **Set Finance Process Parameters** activity of the **OU Parameter Setup** business component, when the "Variance Accounting" field is selected as 'Supplier Receivable'.

- If the process parameter is set as '0' (Hold), then the system always updates this field as 'Yes', if the field is left blank (not selected by the user). If the Hold Pay Value is selected as 'Yes' then the system saves the invoice with 'Yes' as Hold Pay value and if the Hold Pay option is selected as 'No' the system validates the user to select the same as 'Yes' to match the invoice.
- If the process parameter is set as '1' (Hold if not selected), then the system updates the field as 'Yes', if the field is left blank only (not selected by the user). If the Hold Pay Value is selected as 'No' or 'Yes' then the system saves the invoice with the selected Hold Pay value for this option.
- If the process parameter is set as '2' (Based on Selection), then the system updates the Hold Pay Value as 'No' or 'Yes' as selected by the user. If the Hold Pay option is blank, then the system validates the user to select the same.

On click of "Match Invoice" pushbutton, the "Hold Invoice for Payment" field is updated based on the process parameter "Default Hold Pay in Match Invoice for Variance Accounting: Expense off" set in the **Set Finance Process Parameters** activity of the **OU Parameter Setup** business component, when the "Variance Accounting" field is selected as 'Expense Off'.

- If the process parameter is set as '0' (No), then the system always updates this field as 'No', if the field is left blank (not selected by the user). If the Hold Pay Value is selected as 'No' then the system saves the invoice with 'No' as Hold Pay value and if the Hold Pay option is selected as 'Yes' the system validates the user to select the same as 'No' only.
- If the process parameter is set as '1' (No if not selected), then the system updates the field as 'No', if the field is left blank (not selected by the user). If the Hold Pay Value is selected as 'No' or 'Yes' then the system saves the invoice with the selected Hold Pay value.
- If the process parameter is set as '2' (Based on Selection), then the system updates the Hold Pay Value as 'No' or 'Yes' as selected by the user. If the Hold Pay option is 'blank', then the system validates the user to select the same.

Accounts Payable Hub & Approve Anywhere App

In **Accounts Payable Hub** and in **Approve Anywhere** mobile application, while Matching Order invoices, the same rules as in Match Invoice is implemented.

Ability to Manage Accounting and Invoicing for on behalf procurement of Service PO

Reference: APRP-487

Background

For General PO, when purchase is made on behalf of a Customer which is a Group Company, accounting can be enabled to be posted in the Destination Company based on set options. Similarly, Invoicing can be done in the Destination Company. The requirement is to extend the existing framework of General PO to Adhoc and Service PO.

Change Details

Based on the following set options (existing) in **Finance Setup -> Organization Setup -> Maintain Options for Partner Transactions**, accounting and invoicing on behalf procurement of Adhoc PO and Service PO will be done

Process Parameter	Permitted Values
Enable Automatic Accounting on behalf of Dest. Company (Customer)	Enter '0' for 'No' and '1' for 'Yes'
Default FB for Recording Transactions for Trading Partner (Customer)	Enter valid Finance Book defined in Destination Company
Basis of Accounting in Destination Company (Customer)	Enter '0' for 'Account Mapping' and '1' for 'Source Account Code'
Invoicing for Purchase on behalf of Dest. Company (Customer)	Enter '1' for 'By Dest. Company'
Capex PO on behalf of Dest. Company (Customer)	Enter '0' for 'Not Allowed' and '1' for 'Allowed'
Consider Source Company CC and Analysis for Dest. Company Accounting (Customer)	Enter '1' for 'Yes'

When 'Enable Automatic Accounting on behalf of Dest. Company (Customer)' is set as 'Yes', GI postings and PO Postings is to be made in Destination Company. For 2 Way POs (Service & Adhoc) with Receipt Recording option is set as 'No GR', postings are to be made in Destination Company during Invoice authorization.

When Invoicing for 'Purchase on behalf of Dest. Company (Customer)' is set as By Dest. Company, invoicing and prepayment voucher will be enabled in the Dest. Company.

Exhibit 1: Identifies the Set Option in Maintain Options for Partner Transactions screen.

Finance Setup > Organization Setup > Maintain Options for Partner Transactions

★ Maintain Options for Partner Transactions RAMCO OU-ramco role

Applicable Relations **Set Options**

Search by: Defn. for Transacting with Option Category

Set Options

#	Process Parameter	Permitted Values	Value	Status	Error Message	Option Category	Last Modified by	Last Modified Date
1	Enable Automatic Accounting on behalf	Enter '0' for 'No' and '1' for 'Yes'		Not Defined		Related Company - Cu		
2	Basis of Accounting in Destination	Enter '0' for 'Account Mapping' and		Not Defined		Related Company - Cu		
3	Consider Source Company CC and	Enter '1' for 'Yes'		Not Defined		Related Company - Cu		
4	Default FB for Recording Transactions	Enter valid Finance Book defined in		Not Defined		Related Company - Cu		
5	Invoicing for Purchase on behalf of	Enter '1' for 'By Dest. Company'		Not Defined		Related Company - Cu		
6	Capex PO on behalf of Dest. Company	Enter '0' for 'Not Allowed' and '1' for		Not Defined		Related Company - Cu		
7	Invoicing for Loan order on behalf of	Enter '1' for 'By Dest. Company'		Not Defined		Related Company - Cu		
8								

Provision to book cost to WO for Order Invoice Variance where parts are not available in inventory

Reference: APRP-2

Background

Invoice Price Variance in Supplier Order Based Invoice arises when there is a difference in Order Value and Invoice Value. While authorizing the invoice, existing Background Routine (Scheduler) checks for the variances in Supplier Order Based Invoices to increase the part cost, to the extent of variance if the part is available in inventory. Variance in Supplier Order Based Invoice is posted to Variance account, while authorizing the invoice. Existing background routine (Scheduler) checks for the variances in Supplier Order Based Invoice and increases the part cost, if the part is available in inventory. If the part is not available in the inventory, then Regular Journal Voucher gets generated for Work Orders that are in closed status based on a set option to Post Invoice rate variance to AME/ SWO. This enhancement provides the ability to book cost to Work Order through Work Order JV for Order Invoice Variance when parts are not available in the inventory irrespective of the work order status.

Change Details

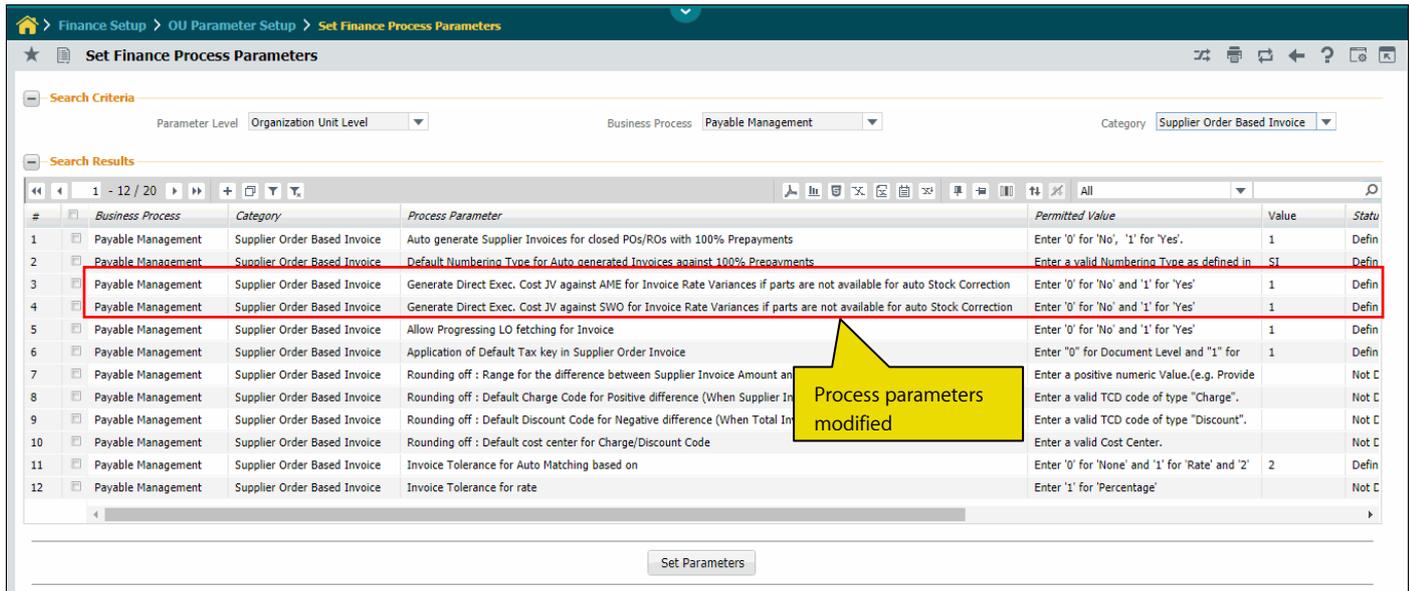
OU Parameter Setup

Set Finance Process Parameters

The following process parameters are modified under the Parameter Level 'Organization Unit Level', Business Process 'Payable Management' and Category 'Supplier Order Based Invoice' in the **Set Finance Process Parameters** activity of the **OU Parameter Setup** business component.

- i. The process parameter 'Generate Direct Exec. Cost JV against AME for Invoice Rate Variances if parts are not available for auto stock correction' is added with the Permitted value 'Enter '0' for 'No' and '1' for 'Yes'.
- ii. The process parameter 'Generate Direct Exec. Cost JV against SWO for Invoice Rate Variances if parts are not available for auto stock correction' is added with the Permitted value 'Enter '0' for 'No' and '1' for 'Yes'.

Exhibit 1: Identifies the Set Finance Process Parameters screen



Supplier Order Based Invoice

Maintain Invoice/Authorize Invoice/Match Invoice

- A New Background Routine (Scheduler) is introduced to generate Work Order JV if the parts are not available in inventory. The Background Routine (Scheduler) is configured with a frequency of 5 mins.
- On authorization of Supplier Order Based Invoice with a variance, and posting to Invoice Price Variance, system checks whether the parts are available in inventory or not based on a Background routine (scheduler).
- Work Order JV gets generated only if the part is not available in inventory (not picked as part of scheduler) and part is issued to SWO or AME.
- The Accounting Information of Maintain Invoice screen is enhanced to show the account postings of the Work Order JV's generated through background routine (scheduler).
- WO JV gets generated with the Entity: Material cost, against the Task #, Seq. # to which the part is issued, with the Part # in the Item # field Comments & remarks as "Auto generated for Supplier Invoice Variance (Invoice #: <%1 Invoice #>)".

Note: Work Orders in all the statuses (Planned, In-Progress, Pre-Closed, Closed) are considered for Stock Correction and JV generation.

Reverse Invoice

- On reversal of Supplier Order Based Invoice having invoice rate variance, a new Work Order JV with reversal effect gets auto generated to reverse the impact of Invoice price variance.

Ability to enable bulk upload of Order Invoices

Reference: APRP-129

Background

Bulk upload of Supplier Order Invoice signifies generation of multiple supplier order invoices at the same time. However, application currently supports creation of single Supplier Order Invoice through the **Maintain Invoice** screen. The requirement is to create a provision to generate bulk supplier order invoices at once especially where Suppliers provide the invoice information in bulk in excel spreadsheets at frequent intervals.

Change Details

Manage Supplier Expense Invoice Upload screen under the **Accounts Payable Hub** business component has been re-named as **Manage Supplier Invoice Upload** and now caters to bulk upload of Supplier Order Invoices in addition to Supplier Expense Invoices in Batches. Doc. Type dropdown loads with the option "Order Invoice" and "Expense Invoice" to choose the type of Invoice being uploaded.

OU Parameter Setup

Set Finance Process Parameters

The following process parameter is added under the parameter level 'Organization Unit Level', for the Category 'Supplier Order Invoice' in the **Set Finance Process Parameters** activity of the **OU Parameter Setup** business component.

Process Parameter	Permitted Value
Default Doc. Status of Supplier Invoice upload for Order Invoices	Enter '0' for 'Matched' and '1' for 'Authorized'
Mandate Part # and Quantity information for Order Invoices in Supplier Invoice upload?	Enter 0 for No and 1 for Yes

If Default Doc. Status for Invoice generation is set as '0' then the Invoice will get generated in 'Matched' status and if it is set as '1', it will be generated in authorized status.



Note: However even when the set option is set as 'Authorized', but the Invoice Rate does not match with that of the Order and the same is beyond the tolerance for variance, the Invoice will be generated in 'Auto Match' failed status. Similarly, if the Total Invoice Amount does not match with the Supplier Invoice Amount, the Invoice will be generated in 'Matched' status only.

If the set option for Mandate Part # and Quantity Information is set as '0', then system will not mandate to provide the Part # against each line. Based on the PO # provided, invoice will be generated for all the Parts/Quantity that have been received at the time bulk invoice upload. Additionally, if the Part # details are provided, system will consider the same.

If the option is set as '1', then Part # and Quantity Information has to be mandatorily provided for each line of the invoice. If a PO has multiple parts, then the invoice has to be created with multiple lines i.e., one line for each part that is being invoiced.

Accounts Payable Hub

Manage Supplier Invoice Upload

- In the **Manage Supplier Invoice Upload** screen, all the header, multiline and TCD information available for Order Invoice creation is provided in the form of a single Multiline.
- The Supplier # and Supplier Invoice # are the key fields based on which the system will generate unique Order Invoice # under a batch.
- There is a column drop-down list box in the multiline 'H?' that loads with the value 'Y' and 'N'.
 - ✎ *Note: 'H?' can be provided as 'Y' for only first line of a unique Supplier # and Supplier Invoice #. It means that the same header information will be considered for rest of the lines with unique Supplier # and Supplier Invoice #.*
- Order # and Part # details can be provided in the multiline along with the Supplier # and Supplier Invoice # and on click of 'Get', header information (Supplier Information) and Order Information (such as PO Currency, Invoice Category and Part Description) will get retrieved in the multiline for all the selected lines.
- On click of 'Get', the Anchor Date is defaulted based on the Pay Term definition and it can be modified if required.
- In case of 'Adhoc/Service POs', 'Accounting Usage Drop Down' is available in the multiline, which is loaded with all the Usages mapped to the PO screen and the user has to provide the corresponding accounting usage for invoicing.
- There are 5 sets of TCD Information provided in the multiline which facilitates providing multiple taxes/charges/discounts max.5 for a given line applied at doc or line level. 'Tax Key' column is also available to default the taxes.
- Order Level TCD will be auto-inherited during Invoice generation.
- There is also a column called 'Upload File #' where system will check if the given file # is available in the APH Doc. Attachment folder. If available then the mentioned file will be uploaded to invoice upon generation of invoice directly.
- There is also a column 'E' in the multiline with values 'Y' and 'N'. It will get updated as 'Y' when the line has error on click of 'Save' with error description in the 'Error' column. All the errors will get displayed in the error column separated by pipe symbol.
- On click of 'Save', Batch # will get generated in the 'Upload Batch #' field in the header.
- Delete option is available in case where the entire batch is required to be deleted before being processed. This option can be exercised by retrieving a Batch that is in 'Fresh' status and then clicking on the 'Delete' button.
- On click of 'Process', the batch status will be updated as "Initiated". A background routine (Scheduler) will get executed post which the batch status will updated as 'Processed'.
 - ✎ *Note: Only if the Background Routine (Scheduler) is configured, invoices will be generated after the scheduler is executed.*
- On click of 'Process' only invoice will get generated.
- After the background routine processes the Invoice information, if the information is error free, invoice will get generated in 'Matched' / 'Authorized' status based on status selected.
- On click of the 'Invoice #' hyperlink, the **View Invoice** screen will get launched.
- In case Invoice is not generated for any line due to error, those errors can be rectified and invoice can be

processed through the **Review/Process Scanned Invoices & Notes** screen or Invoice details can be again uploaded in a new batch.

- Invoice Count (No. of invoices successfully generated in the batch) and Control Total (Total Value of Invoices generated – irrespective of Invoice Currency) are introduced as a control check and the same can be viewed while retrieving a Batch that is in Processed Status.

Exhibit 1: Identifies the **Manage Supplier Invoice Upload** screen:

Batch Information

Upload Batch # Batch Date Status **Processed**

Doc.Type Doc. Status Numbering Type

Invoice Count **3** Control Total **3821**

Doc Details

#	Inv. #	Status	H?	Supp. Inv. #	Supplier #	Invoice Date	Supplier Inv. Date	Supplier Name	Currency	Order #
1			Y	test.inv.001	00000	01-09-2020	01-09-2020	TEXTRON	CAD	AP000358919
2			N	test.inv.001	00000	01-09-2020	01-09-2020	TEXTRON	CAD	AP000358919
3			N	test.inv.001	00000	01-09-2020	01-09-2020	TEXTRON	CAD	AP000358919
4	01-000049-0120	Matched	Y	test.inv.002	00198	01-09-2020	01-09-2020	Supplier 9	CAD	REP-000179-2018
5	01-000049-0120	Matched	N	test.inv.002	00198	01-09-2020	01-09-2020	Supplier 9	CAD	REP-000179-2018
6	01-000050				00268	01-09-2020	01-09-2020	Supplier 11	CAD	AP000145212
7										

Ability to record bulk invoices from Supplier

Reference: APRP-774

Background

Bulk Supplier Expense Invoice signifies generation of multiple supplier expense invoices at the same time. However, application currently supports creation of Single Supplier Expense Invoice through Create Expense Invoice screen. Also only single Supplier Expense Invoice can be created through invoice scanning (OCR) and also AP Invoice Hub. Provision is required to generate bulk invoices from supplier at once since it saves time and facilitates usability.

Change Details

A new screen **Manage Supplier Expense Invoice Upload** is introduced under the **Accounts Payable Hub** business component. This screen facilitates generation of bulk Supplier Expense Invoices

Help on Upload Batch # is also provided to retrieve the batch details.

OU Parameter Setup

Set Finance Process Parameters

The following process parameter is added under the parameter level 'Organization Unit Level', for the Category 'Supplier Direct Invoice' in the **Set Finance Process Parameters** activity of the **OU Parameter Setup** business component.

Process Parameter	Permitted Value
Status of Invoices generated in Supplier Expense Invoice upload	Enter '0' for 'Fresh' and '1' for 'Authorized'

If the set option for Invoice generation is set as '0' then the Invoice will get generated in Fresh status and if its set as '1' then it will get generated in authorized status.

Accounts Payable Hub

Manage Supplier Expense Invoice Upload

- In Manage Supplier Expense Invoice Upload screen, all the header, multiline and TCD information available for Expense Invoice creation is provided in the form of a Multiline.
- Supplier # and Supplier Invoice # are the key fields based on which system will generate unique Expense Invoice # under a batch.
- There is a column drop-down list box in the multiline H? which loads with the value 'Y' and 'N'.



Note: H? can be provided as 'Y' for only first line of a unique Supplier # and Supplier Invoice #. It means that the same header information will be considered for rest of the lines with unique Supplier # and Supplier Invoice #.

- On click of 'Get', header information (Supplier Information) will get retrieved in the multiline for all the selected lines.
- There are 5 sets of TCD Information provided in the multiline which facilitates providing multiple taxes max.5 for a given line applied at doc or line level.
- There is also a column called Upload File # where system will check if the given file # is available in the APH folder. If available then the mentioned file will get uploaded on generation of invoice directly.
- There is also a column 'E' in the multiline with values 'Y' and 'N'. It will get updated as 'Y' when the line has error on click of Save with error description in the Error column. All the errors will get displayed in the error column separated by pipe symbol
- On click of Save, Batch # will get generated in the Upload Batch # field in the header. All the validations for creation of Expense Invoice are handled in Save task. Batch Status will get updated as 'Fresh' on click of 'Save'.
- On click of 'Process', the batch status will get changed to initiated. A background routine (Scheduler) will get executed post which the batch status will get changed to processed.



Note: Only if the Background Routine (Scheduler) is configured, invoices will get generated after the scheduler is executed.

- On click of 'Process' only invoice will get generated.
- After the scheduler execution, if the information is error free, invoice will get generated in Fresh / Authorized status based on the set option on Set Finance Process Parameter.
- On click of the Invoice # link, View Expense Invoice screen get launched.
- In AP hub, a new tree node 'In upload' is added under Supplier Direct Invoice which will display the count of documents with Upload Batch #.



Note: The Batch # in initiated / Under Process status will form part of this tree node.

Exhibit 1: Identifies the Manage Supplier Expense Invoice Upload screen:

Help on Upload Batch No.

A new help screen **Help on Upload Batch No.** is introduced in the **Manage Supplier Expense Invoice Upload** activity. This screen facilitates search and retrieval of the Batch # to manage bulk Supplier Expense Invoice upload.

The search can be carried out using the 'Batch # From and To', "Batch Status" and "Batch Date From and To".

The system retrieves all the Batch numbers associated to the expense invoice based on the search criteria entered. On confirmation, the selected batch number is transferred to the required page.

Exhibit 2: Identifies the Help on Upload Batch No. screen:

#	Batch No	Batch Date	Batch Status
1	BE/P-000002-2019	May/25/2019	Processed
2	BE/P-000003-2019	May/25/2019	Processed
3	BE/P-000004-2019	May/28/2019	Fresh
4	BE/P-000013-2019	May/31/2019	Processed
5	BE/P-000015-2019	May/31/2019	Fresh
6	BE/P-000018-2019	Jun/01/2019	Processed
7	BE/P-000019-2019	Jun/02/2019	Processed
8	BE/P-000020-2019	Jun/03/2019	Processed

AP Invoicing Hub

In the **AP Invoicing Hub** screen, a new tree is added for Bulk Invoice Batch # in 'Initiated', "Under Process" Status in the 'To Do List' section.

Exhibit 3: Identifies the **AP Invoicing Hub** screen.

The screenshot shows the 'AP Invoicing Hub' interface. On the left, a 'To do list' sidebar contains a tree structure. A yellow callout points to the 'In Upload (2008)' item, labeled 'New Tree addition'. The main area displays a table of invoice batches. A yellow callout points to the 'Doc. #' column, labeled 'Batch # displayed'. The table has columns for #, I, Doc.Type, Doc. #, Sup.Name, Sup Doc. #, Curr, Amt, and Doc. Date. Below the table are buttons for Authorize, Match, Return, Delete, Reverse, Hold, and Release.

#	I	Doc.Type	Doc. #	Sup.Name	Sup Doc. #	Curr	Amt	Doc. Date
1	●	Upload Batch No.	BEVP-000025-2019	00000 / TEXTRON	AUT-001	CAD	1,100.00	Jun/05/2019
2	●	Upload Batch No.	BEVP-000025-2019	00000 / TEXTRON	AUT-002	CAD	1,100.00	Jun/05/2019
3	●	Upload Batch No.	BEVP-000025-2019	00000 / TEXTRON	AUT-003	CAD	1,100.00	Jun/05/2019
4	●	Upload Batch No.	BEVP-000025-2019	00000 / TEXTRON	AUT-004	CAD	1,100.00	Jun/05/2019
5	●	Upload Batch No.	BEVP-000025-2019	00000 / TEXTRON	AUT-005	CAD	1,100.00	Jun/05/2019
6	●	Upload Batch No.	BEVP-000025-2019	00000 / TEXTRON	AUT-006	CAD	1,100.00	Jun/05/2019
7	●	Upload Batch No.	BEVP-000025-2019	00000 / TEXTRON	AUT-007	CAD	1,100.00	Jun/05/2019

Ability to capture remarks in AP Hub

Reference: APRP-142

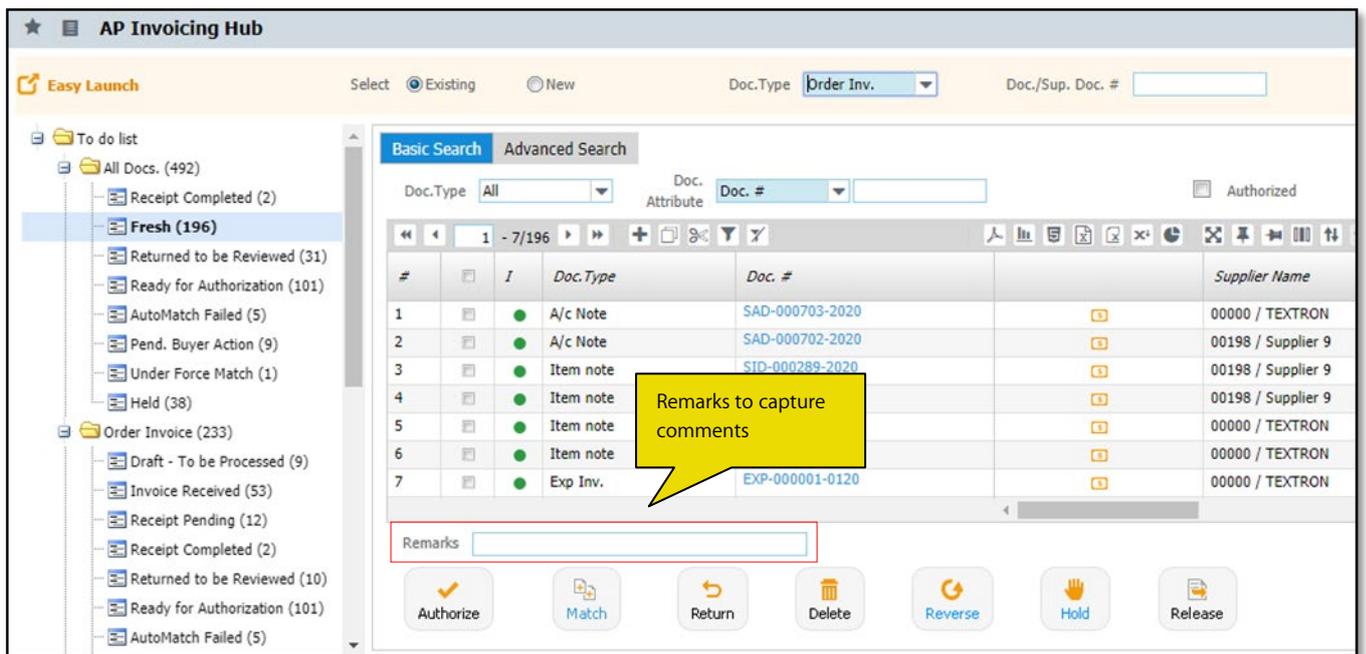
Background

AP Hub facilitates to Authorize/Return/Delete/Hold/Release Invoices from the same screen. The requirement is to capture remarks during Authorize/Return/Delete/Hold/Release actions.

Change Details

AP Hub is now enhanced to capture the remarks during Authorization/Return/Delete/Hold/Release of Invoices. The remarks column is placed above all the action buttons.

Exhibit 1: Identifies the AP Hub screen - To capture remarks during actions.



Ability to enable Supplier Debit Credit Notes in OCR based Invoicing

Reference: APRP-531

Background

The existing OCR screen integration facilitates creation of Supplier Order Invoice and Expense Invoices only. The requirement is to have OCR based Invoicing for Supplier Debit Credit Notes as well, so that the notes can be scanned and generated.

Change Details

OCR screen i.e., **Review/Process Scanned Invoices** and **Notes** screen has been enhanced to enable creation of Supplier Debit Credit Notes. A unique Tracking Id would be generated for each Supplier Debit/Credit Note that is scanned. Errors/Exceptions can be viewed against the tracking Id and the same can be rectified from this screen and the Note can be generated. Default Usage Id, Cost Center, Analysis Code and Sub-Analysis Code are collected through **Set Finance Process Parameters** screen and will be considered for note creation in case any of these values are missing in the scanned note.

OU Parameter Setup

Set Finance Process Parameters

The following process parameter is added under the parameter level 'Organization Unit Level', for the Category '**Accounts Payable Hub**' in the **Set Finance Process Parameters** activity of the **OU Parameter Setup** business component.

Process Parameter	Permitted Value
OCR: Default Usage ID for Supplier Debit/ Credit notes	Enter a valid User defined Usage ID defined in Additional Account Definition Component
OCR: Default Cost Center for Supplier Debit /Credit notes	Enter a valid Cost Center as defined in the Cost Setup Component
OCR: Analysis Code for Supplier debit / credit notes	Enter a valid Analysis Code as defined in the Account Based Budget Component
OCR: Sub Analysis Code for Supplier debit / credit notes	Enter a valid Sub Analysis Code as defined in the Account Based Budget Component

The default values provided in the set option will be considered when any of these values are not available during processing of the Note.

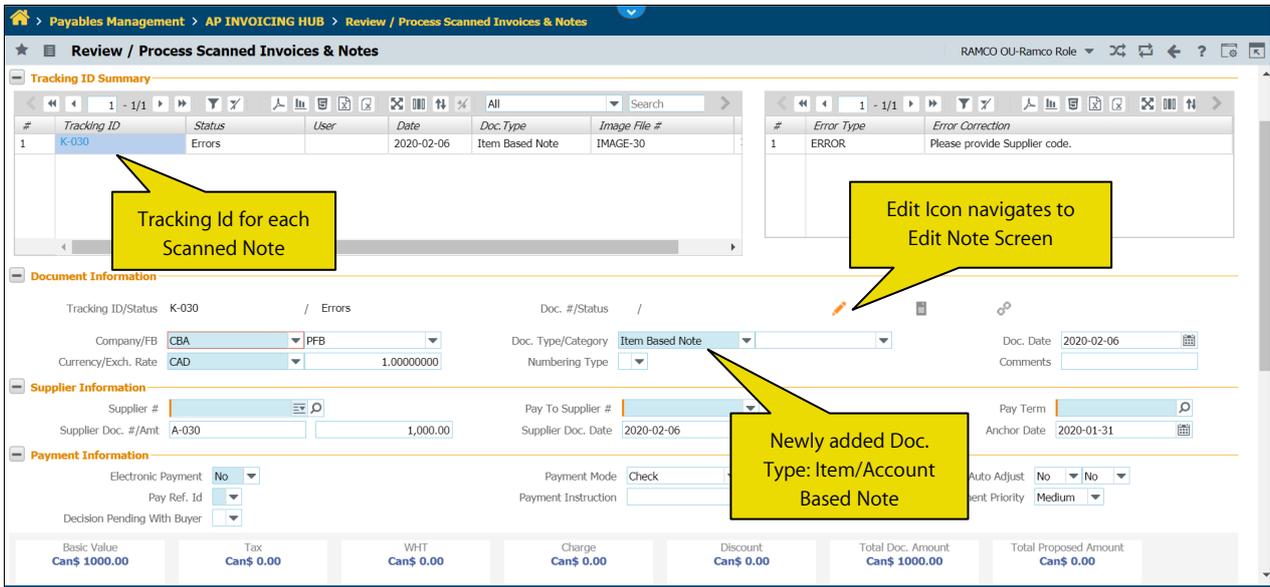
AP Invoicing Hub

Review / Process Scanned Invoices & Notes

- Creation of Supplier Account Based as well as Item Based Debit/Credit Note is possible through OCR.
- Every Scanned Note will be generated with a unique tracking Id and can be viewed in the **Review/Process Scanned Invoices and Notes** screen.

- In case of Errors/Exceptions, the same can be rectified from this screen. Clicking on Validate and Save incorporates the changes made.
- On click of **Generate** button, the Note will be generated if it is free from errors.
- The Edit icon next to the Note # launches Edit Note screen and any changes to the Note can be performed there before it is Authorized.
- Clicking on the Note # hyperlink opens the **View Note** screen.

Exhibit 1: Identifies the **Review/ Process Scanned Invoices & Notes** screen.



Ability to access the uploaded copies of the Invoices in Payment batch screens

Reference: APRP-141

Background

Scan copies of the Invoices sent by the supplier can be attached in **Create/Edit/Authorize/View Invoice** screens. The Requirement is to access the uploaded copies of the invoices in **Create/Edit/Authorize Pay** batch and in **View Pay Voucher** screens.

Change Details

- In **Supplier Regular Pay Batch** screens (**Create/Edit/Authorize**) and in **View Pay Voucher** screen a new column in the multiline is introduced to access the uploaded Invoice copies of the credit documents. The attachment icon is shown only if the document has any attachment(s) and for others it will remain blank.

Exhibit 1: Identifies the Create Pay Batch screen

The screenshot displays the 'Create Pay Batch' interface. The top section contains search criteria with various filters like Pay Group, Document Type, and Billing Point. Below this is a table of search results with columns for document details and an 'Attachment' column. A yellow callout box labeled 'Documents having attachment(s)' points to the icons in the 'Attachment' column of the search results table.

#	Credit Document #	Credit Document Currency	Transaction Amount	Due Date	Tran Net Amount	Credit Doc Amount	Attachment	Exchange Rate	Supplier #
1	SAC-000430-2019	CAD	1,000.00	2020-01-22	1,000.00	1,000.00	📎	1.00000000	00000
2	ITM-000721-2017	CAD	240.00	2017-12-27	240.00	240.00	📎	1.00000000	00000
3	SAC-000439-2020	CAD	1,000.00	2020-03-01	1,000.00	1,000.00	📎	1.00000000	00198
4	SI-001031-2020	CAD	2,100.00	2020-02-12	2,100.00	2,100.00	📎	1.00000000	00060
5	SI-001030-2020	CAD	1,680.00	2020-02-12	1,680.00	1,680.00	📎	1.00000000	00060
6	SI-001057-2020	CAD	6,001.84	2020-03-05	6,001.84	6,001.84	📎	1.00000000	00000
7	SI-001017-2020	CAD	6,000.00	2020-02-12	6,000.00	6,000.00	📎	1.00000000	00000
8	SI-001070-2020	CAD	6,752.87	2020-03-14	6,752.87	6,752.87	📎	1.00000000	00000
9	SI-000566-2014	CAD	10.00	2014-08-01	10.00	10.00	📎	1.00000000	800228

Exhibit 2: Identifies the Edit Pay Batch screen.

Exhibit 3: Identifies the Authorize Pay Batch screen.

Exhibit 4: Identifies the View Pay Voucher screen.

★ View Pay Voucher

RAMCO OU-Ramco Role

Voucher Information

Voucher # 2560-1 Status Fresh
 Pay Batch # PB-000591-2019 Finance Book AVEOS
 Request Date 2019-12-19 Pay Date 2019-12-19 Posting Date 2019-12-19

Payment Information

Pay To Supplier # 00000 Supplier Name Supplier 2 Payment Release Point RAMCOOU
 Payment Route Bank Pay Currency CAD Pay Curr. to Bank Exch. Rate 1.00000000
 Bank/Cash # BMO CAD GENERAL Bank Currency Bank Curr. to Base Exch. Rate 1.00000000
 Payment Mode Check Pay Charges By Total Pay Amount (Pay) 71.74
 Total Pay Amount (Tran) Total Pay Amount (Base) Total Pay Amount (Bank)

Check Information

Instrument # Instrument Date Bank Reference
 Pay Charges Bank Debit Date
 Voiding Date Voiding Document #

Direct Debit Information

Company Reference Bank Debit Date

Credit Documents

#	Credit Document #	Due Date	Credit Document Currency	Credit Doc Amount	Attachment-QA	Proposed Discount	Applied Discount
1	ITM-000700-2017	2017-03-29	USD	40.00			0.00

Document having attachment(s)

Report on TDS with TDS Details and Supplier Information

Reference: APRP-83

Background

Currently, Report on Tax transaction provides transaction-wise break up of both Purchase as well as Sales transactions. Provision is required for a detailed TDS Report for supplier information analysis. Hence in this enhancement TDS Details Report is developed for supplier analysis.

Change Details

Dcube

A new Dcube report 'TDS Details Report' is added in the **Inquiries** activity of the **Dcube** business component.

Dcube report displays Payable documents which has TDS (TCD with Tax Type as TDS), with details. Documents are shown at line level and TDS to be shown at line level (Document level TDS to be apportioned to line level)

The following documents are displayed in the Report:

- Supplier Expense Invoice
- Supplier Item Invoice (Only when TDS is applied for the document)
- Supplier Order Based Invoice(For PO - only 'Adhoc PO' and 'Service PO')
- Supplier Item Based Credit Note
- Supplier Account Based Note(only when TDS is applied on Account Based Note)
- Supplier Prepayment Voucher
- Delivery Charge Invoice
- Sundry Payment Voucher
- Journal Voucher (Only when TDS Account Code is used in Tax JV)



Note - Sundry Payment Voucher and Journal Voucher will be displayed only when TDS TCD Code is used.



Note: When 'Exception' is selected as 'Yes', Payable documents will be displayed which does not have TDS also.

The report is displayed based on the following Input criteria given:

Supplier #	Displays all the documents created for the entered Supplier #.
TCD #	Displays all the documents which have the given TCD #.
Finance Book	Displays documents which are created in the given Finance book only.
Date From	Displays the documents that are created from the given date.

Date To	Displays the documents that are created upto the given date.
Enter '0' for Only Exceptions, '1' Only Non-Exceptions '2' for Both	If '0' is entered, displays only lines that have exception as Yes. If '1' is entered, displays only lines that have exception as No. If '2' is entered, displays lines with both exception Yes and No.

The report displays the following columns and the values for each column are given below:

Document Date	Document Date of the document.
Document Type	Supplier Expense Invoice/ Supplier Item Invoice/ Supplier Order Based Invoice/ Supplier Item Based Credit Note/ Supplier Item Based Debit Note/Supplier Account Based Credit Note/ Supplier Account Based Debit Note/ Supplier Prepayment Voucher/ Delivery Charges Invoice/ Sundry Payment Voucher/ Journal Voucher.
Document No	Document number of the document
Ref Doc #	Blank for all documents except - Supplier Order Based Invoice, Supplier Prepayment Voucher, Journal Voucher (if available) - display the Ref Doc # used for the line in these Documents.
Usage ID	Blank for all documents except - Supplier Expense Invoice, - Supplier Order Based Invoice(Usage ID from PO to be given), - Sundry Payment Voucher, - Supplier Item Based Note
Account Code	For Expense Invoice - Account Code mapped to the usage ID, For Item Invoice - Account code to which the line value has been posted. For Order Based Invoice <ul style="list-style-type: none"> • Service PO, Adhoc PO - Account Code mapped for the Usage ID in PO. • Repair Order – 'Third party Repair' • PBH PO - Account Code mapped for PBH Service Fee • Exchange PO - Account Code mapped for Exchange Fee and for additional costs the Account code mapped to the Usage ID. For Item Based Note - Account Code mapped to the Usage ID. Supplier Account Based Note - Blank. Supplier Prepayment Voucher - Blank. Delivery Charges Invoice - Blank. Sundry Payment Voucher - Blank. Journal Voucher – Blank.
Account Description	Description for the account code.
Supplier Code	Supplier Code of the document.
Supplier Name	Supplier name of the document.
Document Currency	Currency of the document.
Gross Value in Doc Curr.	Line Value before TDS (Including other TCD like GST) in Document Currency

	Displays blank for Tax JV and Supplier Account Debit Note.
Gross Value in Base Curr.	Line Value before TDS (Including other TCD like GST) in Base Currency Displays blank for Tax JV and Supplier Account Debit Note.
Taxable Value in Doc. Curr.	Taxable value for TDS (in Document and Base Currency) Display blank for Tax JV and Supplier Account Debit Note. If TDS not applied for the line, display blank.
Taxable Value in Base Curr.	Taxable value for TDS (in Document and Base Currency) Display blank for Tax JV and Supplier Account Debit Note. If TDS not applied for the line, display blank.
TDS VALUE Doc. Curr.	TDS Value for the line, if available in Document Currency
TDS VALUE Base Curr.	TDS Value for the line, if available in Base Currency
Doc. Curr	Currency of the document.
NET AMOUNT in Doc. Curr.	Gross Value - TDS Value in Document Currency Displays blank for Tax JV and Supplier Account Debit Note.
NET AMOUNT in Base Curr.	Gross Value - TDS Value in Base Currency Display blank for Tax JV and Supplier Account Debit Note.
Exch. Rate	Exchange Rate of the currency.
TCD Applied on	The level on which the TCD is applied which could be 'Line level' or 'document level'.
TCD #	TCD Code (TDS TCD Code used for the line) - If TDS TCD Code is not applied for the line, then displays blank.
TCD Variant	TCD Variant # (TDS TCD Variant # used for the line)
Tax Rate	Variant Value of the TCD Code
Tax Category	Tax Category of the TCD Code
Tax Class	Tax Class of the TCD Code
Remarks	Line level Remarks/Comments in the Document
Comments	Header level Remarks/ Comments in the Document
Exception	Yes - For the following Document Types in which any of the TDS TCD Codes are not applied for any of the lines - then those lines are considered as Exception (Supplier Expense Invoice/ Supplier Order Based Invoice/ Supplier Item Based Credit Note/ Supplier Item Based Debit Note/ Supplier Prepayment Voucher/ Delivery Charges Invoice/ Sundry Payment Voucher). No - Displays Documents (Supplier Expense Invoice/ Supplier Item Invoice/ Supplier Order Based Invoice/ Supplier Item Based Credit Note/ Supplier Item Based Debit Note/Supplier Account Based Credit Note/ Supplier Account Based Debit Note/ Supplier Prepayment Voucher/ Delivery Charges Invoice/ Sundry Payment Voucher/ Journal Voucher.) where TDS is applied, consider the lines in which TDS is applied as No Exception. Eg: if in a document TDS TCD is applied in line 1 and not applied in line 2 then consider line 1 as No exception and Line 2 as Exception.
TDS Threshold	TDS Threshold Limit from Maintain TDS Threshold (Procurement Management -> Tax/Charges/Discount)

Supplier Group	Supplier Group of the Supplier (Procurement Management -> Supplier -> Manage Supplier Group)
Supplier Category	Supplier Category of the Supplier (Procurement Management -> Supplier -> Manage Supplier Group)
Supplier Identification Type	Display "PAN" in all the lines
Supplier Identification #	Active Identification # mapped to the Supplier for the Identification Type PAN (Finance Setup -> Organization Setup -> Maintain Entity Level Identification Ref.)
TCD Account Code	TCD Account code mapped in ARD for the TCD.
TCD Account Desc.	Account Description of the above TCD Account Code.

Exhibit 1: Identifies the TDS Details Report

	A	B	C	D	E	F	G	H	I	J	K	L	M
	Document Date	Document Type	Document No	Ref Doc #	Usage ID	Account Cod	Account Descriptio	Supplier Code	Supplier Name	Amount Cu	Gross Value in Doc Cu	Gross Value in Base C	taxable Va
22	2019-02-18	Expense Invoice	EXP-001538-2019		110096	110096	Repair and Maint	00000	Textron Inc.	CAD	1000.00	1000.00	
23	2019-02-18	Expense Invoice	EXP-001539-2019		110096	110096	Repair and Maint	00000	Textron Inc.	CAD	1000.00	1000.00	
24	2019-02-18	Expense Invoice	EXP-001540-2019		110096	110096	Repair and Maint	00000	Textron Inc.	CAD	1000.00	1000.00	
26	2019-02-22	Supplier Order Based Invoice	SI-001180-2019	PO-001295-2019				00000	Textron Inc.	CAD	9200.00	10000.00	
119	2019-03-15	Supplier Order Based Invoice	SI-001206-2019	PO-001332-2019				00000	Textron Inc.	CAD	.01	.01	
129	2019-03-21	Supplier Order Based Invoice	SI-001218-2019	PO-001338-2019				00000	Textron Inc.	CAD	91.00	100.00	
132	2019-03-22	Supplier Order Based Invoice	SI-001220-2019	PO-001341-2019				00000	Textron Inc.	CAD	91.00	100.00	
135	2019-03-27	Supplier Order Based Invoice	SI-001247-2019	PO-001365-2019	ADDITIONAL FEE	465000	Additional Fee	008A1	Supplier 37	CAD	3300.00	3000.00	
141	2019-04-05	Supplier Order Based Invoice	SI-001252-2019	PO-001390-2019				00000	Textron Inc.	CAD	2026.06	2006.00	
150	2019-04-12	Supplier Order Based Invoice	SI-001262-2019	PO-001413-2019	PURCHASE ORDER	999999	Usage ID	008A1	Supplier 37	CAD	1200.00	1000.00	
163	2019-05-21	Expense Invoice	EXP-001848-2019		110096	110096	Repair and Maint	008A1	Supplier 37	CAD	1500.00	1500.00	
164	2019-05-21	Expense Invoice	EXP-001848-2019		620200	620200	Meals	008A1	Supplier 37	CAD	1500.00	1500.00	
165	2019-05-21	Expense Invoice	EXP-001849-2019		110096	110096	Repair and Maint	008A1	Supplier 37	CAD	1500.00	1500.00	
166	2019-05-21	Expense Invoice	EXP-001849-2019		620200	620200	Meals	008A1	Supplier 37	CAD	1500.00	1500.00	
167	2019-05-21	Expense Invoice	EXP-001852-2019		110096	110096	Repair and Maint	008A1	Supplier 37	CAD	20000.00	20000.00	
168	2019-05-21	Expense Invoice	EXP-001852-2019		620200	620200	Meals	008A1	Supplier 37	CAD	20000.00	20000.00	
169	2019-05-21	Expense Invoice	EXP-001854-2019		110096	110096	Repair and Maint	008A1	Supplier 37	CAD	20000.00	20000.00	
170	2019-05-21	Expense Invoice	EXP-001854-2019		620200	620200	Meals	008A1	Supplier 37	CAD	20000.00	20000.00	
173	2019-05-22	Expense Invoice	EXP-001860-2019		110096	110096	Repair and Maint	008A1	Supplier 37	CAD	1500.00	1500.00	
174	2019-05-22	Expense Invoice	EXP-001860-2019		620200	620200	Meals	008A1	Supplier 37	CAD	500.00	500.00	
175	2019-05-22	Expense Invoice	EXP-001863-2019		110096	110096	Repair and Maint	008A1	Supplier 37	CAD	4000.00	4000.00	
176	2019-05-22	Expense Invoice	EXP-001863-2019		620200	620200	Meals	008A1	Supplier 37	CAD	9000.00	9000.00	
177	2019-05-22	Expense Invoice	EXP-001865-2019		110096	110096	Repair and Maint	008A1	Supplier 37	CAD	4000.00	4000.00	
178	2019-05-22	Expense Invoice	EXP-001865-2019		620200	620200	Meals	008A1	Supplier 37	CAD	4000.00	4000.00	

Ability to define TDS threshold and auto apply TDS on invoices when the value exceeds the threshold limit

Reference: APRP-3

Background

Purchase Tax Rules enables the user with auto inheritance of tax. However it is applied on all transactions and does not check for any threshold limit. The requirement is for a provision to deduct tax deducted at source when payment to the supplier exceeds certain limit as prescribed by the IT Act 1961.

Change Details

Taxes, Charges and Discounts > Procurement business process

A new activity **Maintain TDS Threshold** has been introduced to capture the threshold limit for the Financial Year / Transaction, Supplier wise and TDS Section wise.

Supplier Order Based Invoice, Supplier Expense Invoice and Supplier Item Based Note to inherit and apply tax based on the threshold limit, with cumulative taxable amount if the limit exceeds.

Supplier Order Based Invoice > Payables Management

The following new set option has been added for auto inheritance of tax in **Finance Setup -> OU Parameter Setup -> Set Finance Process Parameters**

Parameter Level: Organization Unit level

Business Process: Payables Management

Category: Supplier Order Based Invoice

Process Parameter: Allow Inheritance of withholding Taxes in Order Invoice for Service & Adhoc POs Based on Permitted value: Enter '0' for Statutory Tax Defaults and '1' for Purchase Tax Rules

Supplier Order Based Invoice/ Supplier Direct Invoice / Supplier Debit Credit Note

This enhancement also enables maintaining cumulative balance at a supplier and TCD-Variant level for each transaction, irrespective of whether the tax is applied in the transaction or not (i.e. even if the threshold is not exceeded, balance has to be updated) and once the threshold limit is exceeded, TDS would be applied including the previous transactions.

Note:

- This threshold limit check has to be made only for the Base Currency invoices.
- If there is no threshold defined for a particular TCD/Variant information, even if it is applicable based on the Purchase Tax Rules, it should not be applied, however the entry has to be made in the Supplier level cumulative balance.
- For foreign currency invoices, threshold check need not be applied and taxes can be added, if the same is applied based on Purchase Tax Rules.

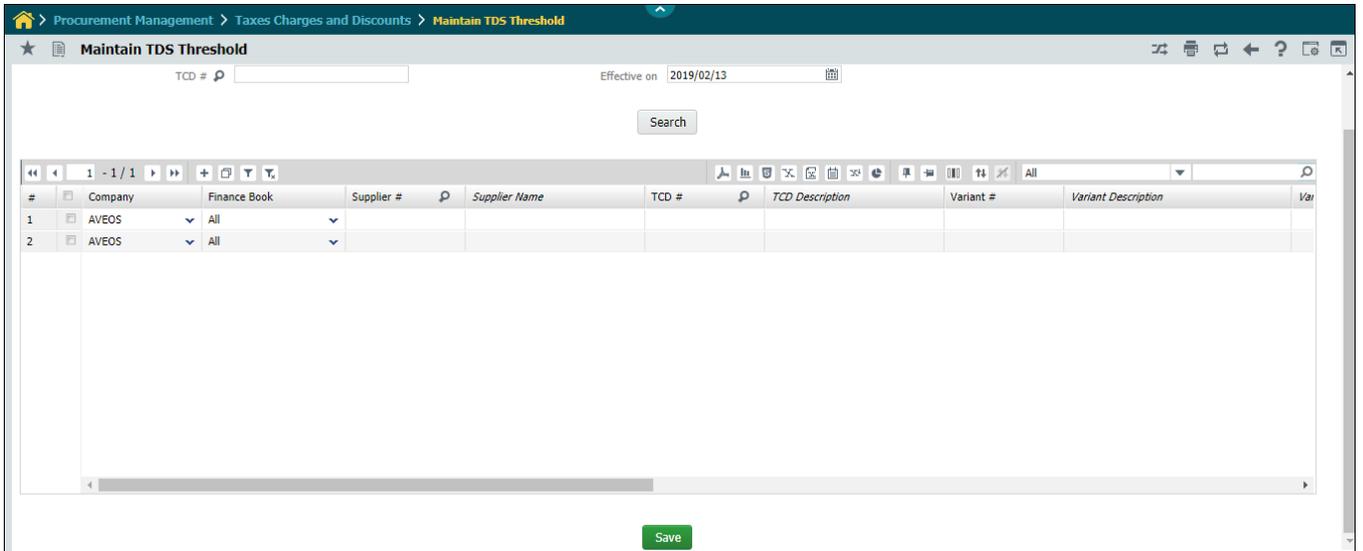
Supplier Debit Credit Note

Note with zero value

Provision has been made to create Debit Credit Note with zero item value but with TCD is to be enabled.

Debit Credit Note with zero item value has been enabled, however authorization is restricted if the total value is equal to zero.

Exhibit 1: Maintain TDS Threshold activity under the **Taxes, Charges and Discounts** business component.



Ability to print Pay Voucher Summary Report

Reference: APRP-144

Background

The existing Pay Voucher Report prints only a Single Pay Voucher at a time. Requirement is to have a Summary Report for printing a list of selected Pay Vouchers which can be used internal approvals and also for sending to the Banks for Approval. The ability to compute the total pay amount before printing is also required.

Change Details

View Pay Batch/Voucher screen has been enhanced with additional controls for **Computing** and **Viewing the Total Pay Amount** for the selected Vouchers and print the **Pay Voucher Summary Report** with the provision to provide **Print Remarks** that will be printed in the Summary Report, for the selected Vouchers.

OU Parameter Setup

Set Finance Process Parameters

The following process parameter is added under the parameter level 'Organization Unit Level', for the Category 'Supplier Payment' in the **Set Finance Process Parameters** activity of the **OU Parameter Setup** business component.

Process Parameter	Permitted Value
Enable Computation of Total Pay Amount in View Pay Batch/Voucher	Enter '0' for 'No' and '1' for 'Yes'

If the set option 'Enable Computation of Total Pay Amount in View Pay Batch/ Voucher' is set as 'NO' then the newly added controls "Compute" and "Total Pay Amount" will not be visible in the View Pay Batch/Voucher screen. If the option is set as "YES", then the Compute button and Total Pay Amount display only fields will be visible in the View Pay Batch/Voucher screen.



Note: Irrespective of the value defined in the Set Option, the Print Remarks and Print Summary Report controls will always be visible in the View Pay Batch/Voucher Screen.

Supplier Payment

View Pay Batch/Voucher

- In View Pay Batch/Voucher screen, two new buttons Compute & Print Summary, a display only field and a text box have been introduced.
- **Compute** button enables computation of Total Pay Amount for the selected Vouchers and displays the total in the newly added **Total Pay Amount** display only field. Computation of Total Pay Amount is possible only when all the selected Vouchers have the same **Pay Currency**. If the Vouchers with different Pay Currency are selected, the same will be restricted through an error.

- Documents in the multiline even with different Pay Currencies can be printed by directly by clicking on the Print Summary Report. Vouchers would be grouped based on **Finance Book, Pay Currency and Bank Code** and for each of this combination a separate page would be printed in the Summary Report.
- The Text Box **Print Remarks** allows user to type Remarks which will get printed on all the pages of the Pay Voucher Summary Report.
- Document in all statuses can be printed in the **Pay Voucher Summary Report** except for documents in deleted/Reversed status.

Pay Voucher Summary Report:

- Summary Report can be printed for all the Doc Types such as Pay Batch, Payment Voucher and Prepayment Voucher.
- The Voucher No. column displays the Pay Voucher/Prepayment Voucher #, whereas the Doc # displays the Pay Batch # and it would be blank in case of Prepayment Vouchers.
- In case the Mode of Payment is EFT, the Pay Ref Id gets displayed and the comments provided against that Pay Ref Id in the Supplier Master Bank Details will be displayed in the Pay Ref Details column. In case of Direct Debit/Check payments, the Company Reference/Check # will be displayed in the Pay Ref Details column only if the Voucher is in Paid Status.

Exhibit 1: Identifies the **View Pay Batch/Voucher** screen:

The screenshot shows the 'Select Pay Batch/Voucher' interface. At the top, there are search filters for Voucher #, Pay Date, Request Date, Pay Amount, Payment Route, Ref. Doc Type, Priority, Bank/Cash #, Ref. Document #, Forward Cover Applicable, Supplier Document #, Finance Book, Pay Currency, User ID, Instrument #, and Ordering Point. Below the filters is a 'Search' button. The main area displays a table of search results with columns: #, Document Type, Pay Batch #, Voucher #, Supplier #, Supplier Name, Pay Date, Pay Currency, Pay Amount, and Status. The table contains five rows of data. At the bottom of the screen, there are buttons for 'Compute', 'Print', and 'Print Summary Report', along with a 'Print Remarks' text box. Callouts point to the 'Compute' button, the 'Total Pay Amount' field, the 'Print Remarks' field, and the 'Print Summary Report' button.

#	Document Type	Pay Batch #	Voucher #	Supplier #	Supplier Name	Pay Date	Pay Currency	Pay Amount	Status
1	Pay Batch	PB-000570-2018	2456-1	00198	Supplier 9	08-13-2018	USD	0.68	Deleted
2	Pay Batch	PB-000438-2014	1798-1	00000	TEXTRON	06-30-2014	CAD	0.76	Fresh
3	Pay Batch	PB-000555-2017	2353-2	00000	TEXTRON	03-01-2017			
4		2017	PV-000779-2017			03-01-2017			
5		2018	2429-2			02-22-2018			

Exhibit 2: Identifies the Pay Voucher Summary Report:

Doc. Type		Doc. #	Voucher Type	Voucher No	Supplier #	Supplier Name	Pay Date	Pay Currency	Pay Amount	Pay Ref ID	Pay Ref Details	Status
Pay Batch		PB-000528-2015	Pay Voucher	PV-000751-2015	00060	TEXTRON	02-05-2015	CAD	20.00		9F32FEF8-8	Paid
Pay Batch		PB-000575-2019	Pay Voucher	PV-000799-2019	00060	TEXTRON	11-02-2019	CAD	30.00			Requested
Pay Batch		SPB0000012019	Pay Voucher	PAYV-000002-2019	00060	TEXTRON	11-02-2019	CAD	30.00			Requested
Pay Batch		SPB0000042019	Pay Voucher	PAYV-000005-2019	00060	TEXTRON	11-02-2019	CAD	30.00			Requested

ramco

Pay Voucher Summary Report

RAMCO SYSTEMS LIMITED1

64 SARDAR PATEL ROAD
TARMANI
CHENNAI
TAMILNADU
600115MO
INDIA
tel : +91 44 22SMO5 4510
fax : +91 44 22SMO0 1859
WWW.RAMCO.COM

Finance Book: AVEOS

Finance Book Desc: RAMCO SYSTEMS LIMITED

Bank/Cash Code: BMO CAD GENERAL

Bank/Cash Desc: BMO General CAD

Pay Currency: CAD

Print Remarks: Approval by Mr.Kiran

WHAT'S NEW IN RECEIVABLES MANAGEMENT?

Ability to provide automatic adjustment of customer debit/credit notes with reference documents

Reference: APRP-86

Background

Currently to adjust any note against a customer order, Customer Balance Adjustment Voucher must be handled manually. Therefore the requirement is to automatically adjust Customer Debit Credit Notes against reference documents provided in the note so that manual intervention can be avoided.

Change Details

- Two new parameters under the category 'Customer Debit Credit Note' have been added in the **Set Finance Process Parameters** activity of the **OU Parameter Setup** business component to set whether the auto adjust is required or not and also to specify the basis of auto adjustment.
 1. Process Parameter: Default Auto Adjust in Customer Debit Credit Notes
Permitted Values: Enter '0' for No and '1' for Yes
 2. Process Parameter: Basis for Auto Adjustment
Permitted Values: Enter '0' for Reference Document in Note and '1' for All open Debit/ Credit Documents
- A new field 'Auto Adjust' combo with the values 'Yes' and 'No' has been introduced in the 'Payment Information' section in the **Create /Edit/Authorize/ View Item Based Note/ Account Based Note**

The 'Auto Adjust' combo is defaulted based on the value set for the parameter "Default Auto Adjust in Customer Debit Credit Note" in the **Set Finance Process Parameters** activity under the **OU Parameter Setup** business component.

- In the **Create/Edit/Authorize Item Based Note** activities under the **Customer Debit Credit Note** business component
If the Ref doc Type is set as 'Note-Account Based/Customer Order/Prepayment Invoice', on search, the system retrieves all the respective documents including those in 'Paid' and or 'Adjusted' status.



Note: The note created would be adjusted automatically against the reference document selected (if the parameter 'Basis for Auto Adjustment' is set as 'Reference Document in Note') on authorization of the note.



The note created would be adjusted automatically against the open documents in 'Fresh' status (if the parameter 'Basis for Auto Adjustment' is set as 'all open debit credit documents') on authorization of the note.



The status of the 'Note' will change to 'Adjusted' or 'Partially Adjustment' as the case may be.



Note: Auto Adjustment will happen for both Debit Note and Credit Note.

Exhibit 1:

Set Finance Process Parameters activity in the OU Parameter Setup business component.

The screenshot shows the 'Set Finance Process Parameters' window. The search criteria are set to 'Organization Unit Level', 'Receivable Management', and 'Customer Debit Credit Note'. The search results table is as follows:

#	Business Process	Category	Process Parameter	Permitted Value	Value	Status	Error Message
1	Receivable Management	Customer Debit Credit Note	Allow Inheritance of Taxes in Customer Item Based Note	Enter '0' for Tax Defaults and '1' for Sales	1	Defined	
2	Receivable Management	Customer Debit Credit Note	Allow modification of taxable amount in Customer Item	Enter '0' for 'No' and '1' for 'Yes'	1	Defined	
3	Receivable Management	Customer Debit Credit Note	Application of Default Tax key in Customer Debit Credit	Enter '0' for Document Level and '1' for Line	1	Defined	
4	Receivable Management	Customer Debit Credit Note	Basis for Auto Adjustment	Enter '0' for Reference Document in Note and	0	Defined	
5	Receivable Management	Customer Debit Credit Note	Default Auto Adjust in Customer Debit Credit Notes	Enter '0' for No and '1' for Yes	0	Defined	
6							

A yellow callout box points to rows 4 and 5 with the text 'Newly added parameters'.

Exhibit 2:

Create Item Based Note activity in the Create Debit Credit Note business component

The screenshot shows the 'Create Item Based Note' form. The 'Auto Adjust' dropdown menu is highlighted with a red box and a yellow callout box containing the text 'Newly added 'Auto Adjust' combo'. The form includes sections for Note Information, Customer Information, Payment Information, Search Criteria, and T/C/D Information.

Exhibit 3:

Edit Item Based Note activity in the Customer Debit Credit Note business component

Note Information
 Note # CIC-000375-2017
 Note Date May-10-2017
 Note Type Credit
 Finance Book AVEOS
 Status Fresh
 Ref. Doc. Type Others

Customer Information
 Customer # 400007
 Customer Name Customer 8
 Customer Registered At RAMCOOU
 Bill to Cust. #
 Bill to Customer Name
 Customer Note No 12354
 Customer Note Amount 85,000.00
 Customer Note Date May-10-2017

Payment Information
 Currency USD
 Exchange Rate 1.50000000
 Pay Term
 Receipt Method
 Anchor Date May-10-2017
 Total Amount 85,000.00
 Comments
 Auto Adjust No
 Draft

#	Line #	Document Type	Originating Point	Doc #	Doc Date	Doc Amount	Variant #	Quantity
1	1	CUSTOMER SERVICE INVOICE	RAMCOOU					
2								

Exhibit 4:

Authorize Item Based Note activity in the Customer Debit Credit Note business process

Note Information
 Note # CIC-000480-2019
 Note Date Aug-05-2019
 Note Type Credit
 Finance Book AVEOS
 Status Fresh
 Ref. Doc. Type None - Account Based

Customer Information
 Company Address ID 1
 Company Address 2311 Alfred-Not
 Customer Registered At RAMCOOU
 Customer Name Customer 3
 Customer # 1090000
 Bill to Cust. # 1090000
 Bill to Customer Name Customer 3
 Bill to ID 1
 Air India Building,1st Floor,N
 Customer Note No ITM_8989_2019
 Customer Note Amount 2,115.00
 Customer Note Date Aug-05-2019

Payment Information
 Currency CAD
 Exchange Rate 1.00000000
 Pay Term
 Receipt Method
 Anchor Date Aug-05-2019
 Total Amount 2,160.00
 Comments
 Auto Adjust No

#	Line #	Document Type	Originating Point	Doc #	Doc Date	Doc Amount	Variant #	Quantity
1	1	others	RAMCOOU					
2	0		RAMCOOU				5	
3	0		RAMCOOU				WHT@SALES	
4	0		RAMCOOU				CGST-01	

Exhibit 5:

View Item Based Note activity in the Customer Debit Credit Note business process

Receivables Management > Customer Debit Credit Note > View Item Based Note

View Item Based Note

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Note Information

Note #	CPII-000028-2012	Note Type	Credit	Status	Fresh
Note Date	Aug-07-2019	Finance Book	AVEOS	Ref. Doc. Type	Prepayment Invoice
Company Address ID	0011	Company Address	54,MAHATMA GANDHI ROADKOLKA		

Customer Information

Customer Registered At	RAMCOOU	Customer #	400007	Customer Name	Customer 8
Bill to Cust. #	400007	Bill to Customer Address	7373 Côte-Vertu west,Dorva		
Customer Note No	ITm_8908	Customer Note Amount	1,380.00	Customer Note Date	Aug-07-2019

Payment Information

Currency	CAD	Exchange Rate	1.00000000	Pay Term	
Receipt Method		Anchor Date	Aug-07-2019	Total Amount	1,380.00
Comments		Auto Adjust	No		

Part Information

#	Line #	Document Type	Ordering Point	Document	Variant #	Quantity	Unit Rate
1	1	Customer Prepayment Invoice	RAMCOOU	CPI-00004			
2	0		RAMCOOU		CGST-01		

Note: A red box highlights 'Auto Adjust No' in the Payment Information section. A yellow callout box points to it with the text: 'Newly added display only 'Auto Adjust' combo'.

Ability to auto default GST and TDS in Customer Debit Credit Note based on Sales Tax Rules

Reference: APRP-345

Background

GST and TDS are applicable on all the services In India. In Customer Debit Credit Notes, these taxes can be added manually and there is no auto Inheritance of taxes in Customer Debit Credit Notes. . Provision is therefore required to enable auto inheritance of taxes in Customer Debit Credit Notes through Sales Tax Rules.

Change Details

- A new parameter has been added in the **Set Finance Process Parameters** activity under the **OU Parameter Set up** business process in order for tax inheritance from Sales Tax Rules in **Customer Item Based Note**

Category: Customer Debit Credit Note

Parameter: Allow Inheritance of Taxes in Customer Item Based Note based on

Permitted Value: Enter '0' for 'Statutory Tax Defaults' and '1' for 'Sales Tax Rules'.

- New fields have been added in the **Create / Edit / Authorize / View Item Based Note** activity under the **Customer Debit Credit Note** business component as follows:

I. In the 'Note Information' section two fields 'Company Address ID' and 'Company Address'.

II. In the 'Customer Information' section three new fields, Bill to Customer, Bill to Customer Name and Bill to ID has been added



Note: The system defaults Address ID mapped to the Finance Book in which the Item based note is being generated in the newly added 'Address ID' field



The system considers the Tax Region mapped to this Address ID for the 'Tax Region From' and the Bill to Address Id of the Bill to customer will be taken for 'Tax Region To'.



The Company Address ID and Address ID fields are mandatory if the login company is an Indian company

- On generation of note, if the parameters 'Tax Inheritance based on Sales Tax Rules' is set as 'Yes' and Sales Tax Rules are defined against the document type 'Customer Item Based Note, the system defaults the Taxes and displays the same in the Item Based Note in the T/C/D screen. Total Note amount is calculated by considering the TCD amount.
- If the Tax Region from and to is modified and the Note is brought to Edit mode, then the tax that was previously inherited will get deleted and the new tax should get inherited,

Exhibit 1:

Set Finance Process Parameters activity in the OU Parameter Setup business component

Set option introduction for Auto Inheritance of taxes in Customer Debit Credit Notes from Sales Tax Rules

#	Business Process	Category	Process Parameter	Permitted Value	Value	Status	Error Message
1	Receivable Management	Customer Debit Credit Note	Allow Inheritance of Taxes in Customer Item Based Note	Enter '0' for 'Tax Defaults and '1' for Sales	0	Defined	
2	Receivable Management	Customer Debit Credit Note	Allow modification of taxable amount in Customer Item	Enter '0' for 'No' and '1' for 'Yes'	1	Defined	
3	Receivable Management	Customer Debit Credit Note	Application of Default Tax key in Customer Debit Credit	Enter '0' for Document Level and '1' for Line	1	Defined	
4	Receivable Management	Customer Debit Credit Note	Basis for Auto Adjustment	Enter '0' for Reference Document in Note and	0	Defined	
5	Receivable Management	Customer Debit Credit Note	Default Auto Adjust in Customer	Enter '0' for No and '1' for Yes	0	Defined	
6							

Exhibit 2:

Create Item Based Note activity in the Customer Debit Credit Note business component

Note Information

Note # Note Type **Credit** Status

Finance Book **AVEOS** Ref. Doc. Type **Others** Numbering Type **CIC**

Note Date **Aug/06/2019** Company Address ID **1** Company Address **2311 Alfred-Nobel Boulevard**

Customer Information

Customer Registered At **RAMCOOU** Customer # Customer Name

Bill to Cust. # Bill to Customer Name Bill to ID

Customer Note No Customer Note Amount Customer Note Date **Aug/06/2019**

Payment Information

Currency **CAD** Exchange Rate **1.00000000** Pay Term

Receipt Method Anchor Date **Aug/06/2019** Total Amount

Auto Adjust **No** Draft

Comments

Search Criteria

Prepayment Invoice Order Invoice Direct Invoice

Order # From To

Invoice/Note # From To

Order/Invoice/Note Date From To

Invoice/Note Amount From To

Debit Note Credit Note

T/C/D Information

Default Tax Key Tax Exclusive

Exhibit 3:

Edit Item Based Note activity in the Customer Debit Credit Note business component

Receivables Management > Customer Debit Credit Note > Edit Item Based Note

Edit Item Based Note

Note Information
 Note # CID-000381-2019 Note Type Debit Status Fresh
 Note Date 07/31/2019 Finance Book AVEOS Ref. Doc. Type Others

Company Address ID 0011 Company Address 54,MAHATMA GANDHI ROADKOLKA

Customer Information
 Customer # 1090000 Customer Name Customer 3 Customer Registered At RAMCOOU
 Bill to Cust. # 1090000 Bill to Customer Name Customer 3 Bill to ID 1 Air India Building,1st Floor,N
 Customer Note No Test Customer Note Amount 1,000.00 Customer Note Date 07/31/2019

Payment Information
 Currency CAD Exchange Rate 1.00000000 Pay Term N030D000_00.0
 Receipt Method Regular Anchor Date 07/31/2019 Total Amount 1,000.00
 Comments Auto Adjust No Draft

Part Information

#	Line #	Document Type	Originating Point	Document #	Part/T/C/D #	Variant #	Quantity
1	1	Item Based Cr Note	RAMCOOU	CIC-000406-2019	test9		
2							

Note: A yellow callout box labeled "Newly added fields" points to the "Anchor Date" field in the Payment Information section.

Exhibit 4:

Authorize Item Based Note activity in the Customer Debit Credit Note business component

Authorize Item Based Note

Note Information
 Note # CPPI-000029-2012 Note Type Credit Status Fresh
 Note Date Aug-08-2019 Finance Book AVEOS Ref. Doc. Type Prepayment Invoice

Company Address ID 0011 Company Address 54,MAHATMA G.

Customer Information
 Customer Registered At RAMCOOU Customer Name Customer 8 Customer # 400007
 Bill to Cust. # 400007 Bill to Customer Name Customer 8 Bill to ID Bill to 7373 Côte-Vertu west,Dorva
 Customer Note No test678 Customer Note Amount 1,400.00 Customer Note Date Aug-08-2019

Payment Information
 Currency CAD Exchange Rate 1.00000000 Pay Term
 Receipt Method Anchor Date Aug-08-2019 Total Amount 1,400.00
 Comments Auto Adjust No

Part Information

#	Line #	Document Type	Originating Point	Document #	Part/T/C/D #	Variant #	Quantity
1	1	Customer Prepayment Invoice	RAMCOOU	CPI-000042-2013			
2							

Note: A yellow callout box labeled "Newly added fields" points to the "Anchor Date" field in the Payment Information section.

Exhibit 5:

Authorize Item Based Note activity in the Customer Debit Credit Note business component

Receivables Management > Customer Debit Credit Note > View Item Based Note

View Item Based Note

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Note Information

Note # CPPI-000025-2012 Note Type Credit Status Fresh
 Note Date Jul-01-2019 Finance Book AVEOS Ref. Doc. Type Prepayment Invoice

Company Address ID 1 Company Address

Customer Information

Customer Registered At RAMCOOU Customer # 400007 Customer Name Customer 8
 Bill to Cust. # Bill to Customer Address Bill to ID

Customer Note No ITM_001_2019 Customer Note Amount 3,288.00 Customer Note Date Jul-01-2019

Payment Information

Currency CAD Exchange Rate 1.00000000 Pay Term
 Receipt Method Anchor Date Jul-01-2019 Total Amount 3,288.00
 Comments Auto Adjust Yes

Part Information

1 - 1 / 1

#	Line #	Document Type	Ordering Point	Document #	Part/T/C/D #	Variant #	Quantity	Unit Rate
1	1	Customer Prepayment Invoice	RAMCOOU	CPI-000007-2012				

Newly added fields

WHAT'S NEW IN FIXED ASSETS MANAGEMENT?

Ability to capture Analysis Code in Asset Record during Automatic and Manual Capitalization

Reference: APRP-125

Background

Asset Proposal has been enhanced to capture Analysis Code and Sub Analysis Code. The Requirement is to capture Analysis Code & Sub Analysis Code in Asset Record during Capitalization by defaulting the Analysis # and Sub Analysis # available in the Asset Proposal.

Change Details

Manual Capitalization

- Analysis # and Sub Analysis # are added in **Create Asset Record** screen, and would be defaulted from Asset Proposal # (if available) and can be modified. If CIM Interaction is enabled between **Account Based Budget** and **Asset Planning** components, then Analysis # and Sub Analysis # are mandatory during capitalization.
- Analysis # and Sub Analysis # are added in **Edit Asset Properties** screen, which would display the saved details of Asset Record and could be modified.
- Analysis # and Sub Analysis # are added in **Authorize Asset Record** and **Amend Asset Record** screens and would display the saved details of the Asset Record.
- In **Help on Asset Tag** screen, Analysis # and Sub Analysis # are added in the search criteria.
- In **View Asset Record** (Select Asset Record), Analysis # and Sub Analysis # are added in the Search Criteria and in **View Asset Record** screen, Analysis # and Sub Analysis # are added as display control which would display the Analysis # and Sub Analysis # saved for the Asset Record.

Asset Automation & Fixed Assets Hub:

- During Asset Automation, Analysis # and Sub Analysis # from Asset Proposal is captured and saved in Asset Record.
- In FA Hub – Pending Capitalization (Asset Info.) – Analysis # and Sub Analysis # is defaulted from Asset Proposal. If CIM Interaction is enabled between **Account Based Budget** and **Asset Planning**, then Analysis # and Sub Analysis # are mandatory to be provided during capitalization.
- In FA Hub – Pending Auth. (Asset Info.) – Analysis # and Sub Analysis # saved during Asset Creation is displayed and could be modified.
- In FA Hub – Pending Amend Auth. (Asset Info.) – Analysis # and Sub Analysis # are added in the multiline.
- In FA Hub – Direct Capitalization (Asset Info.) – Analysis # and Sub Analysis # are added in the multiline. If CIM Interaction is enabled between Asset Proposal and Asset Planning, then Analysis # and Sub Analysis # are mandatory.

Exhibit 1: Analysis # and Sub Analysis # in Create Asset Record:

Fixed Assets Management > Asset Capitalization > Create Asset Record

★ Create Asset Record RAMCO OU-Ramco Role

Document Information

Capitalization No. CAP-000530-2020
 Capitalization Date 2020-02-12
 Finance Book
 Status Fresh
 Numbering Type CAP

Asset Information

Asset Class Code SCM-GRNDE
 Asset No. SCM-GRNDE-268
 Analysis # 1110
 Asset Group Code BLDGMTCE
 Asset Description SCM-GRNDE-093
 Sub Analysis # a100
 Cost Center 7610
 Asset Cost 2,590.00

Tag Information

#	Tag No.	Tag Description	Depreciation Category	In-service Date	Useful Life (in mths)	Useful Life expires on
1	1	SCM-GRNDE-093-001	SCM-GRNDE8	2020-02-12	240.00000000	2040-02-11
2						

Exhibit 2: Analysis # and Sub Analysis # in FA Hub:

Fixed Assets Management > Fixed Assets Hub > Fixed Assets Hub

★ Fixed Assets Hub RAMCO OU-ramco role

Pending Cap. 1018 Pending Auth. 309 Pending Amend Auth. 0

Asset Info.

#	Asset Class Code	Asset #	Asset Description	Tag #	Tag Description	Asset Cost	Asset Group Code	Asset Cost Center	Asset Analysis #	Asset Sub Analysis #
1	OTABLES	HH	HH1	1	11	68,436.00	BLDGMTCE	1200	1110	A100
2	MC-BDGEQ			1		250.00	BLDGMTCE	1100	1110	A100
3	OTABLES			1		144.50	BLDGMTCE	1100	1110	A100
4	OTABLES			1		144.50	BLDGMTCE	1100	1110	A100
5	OTABLES			1		833.34	BLDGMTCE	1100	1110	A100
6	MC-BDGEQ			1		250.00	BLDGMTCE	1100	1110	A100
7	MC-BDGEQ			1		17,983.88	BLDGMTCE	1100	1110	A100
8	OTABLES			1		2,500.00	BLDGMTCE	1100	1110	A100
9	OTABLES			1		2,459.00	BLDGMTCE	1100	1110	A100
10	OTABLES			1		2,459.00	BLDGMTCE	1100	1110	A100
11	OTABLES	ROTABLES-77	abcd	1	test	7,137.10	BLDGMTCE	1100	1110	A100
12	OTABLES			1		76.04	BLDGMTCE	1200	1110	A100

Get Proposal Info. Save Authorize Delete

Improvements in Manual Capitalization with single and multiple asset generation and Performance Optimization in Fixed Assets Hub

Reference: APRP-489

Background

Fixed Assets Hub facilitates bulk generation of assets under the Pending Capitalization bucket during Manual Capitalization. In the Doc. Line Info. tab, Asset Grouping, Tag Grouping and No. of tags help in managing the number of assets/tags which are generated. However, if the grouping is not specified, assets will be generated based on the pre-defined logic. The requirement is to generate Multiple Assets for the selected document lines, especially in case of Shop Work Order/AME where multiple lines are displayed at task level.

This enhancement facilitates manual numbering of the Assets in Fixed Assets Hub and explains the creation of Multiple Assets. Also, performance optimization is also provided for the Fixed Assets Hub screen.

Change Details

OU Parameter Setup

A new Process Parameter "Default Asset Gen. Option in FA Hub" is added under the Parameter Level 'Company Level', Business Process 'Fixed Asset Management' and Category 'Asset Capitalization' in the **Set Finance Process Parameters** screen of the **OU Parameter Setup** business component, with the following Permitted Values:

- 0 for Blank - The "Asset Gen. Option" drop-down field is defaulted with the value 'Blank' on launch of the page.
- 1 for Single - The "Asset Gen. Option" drop-down field is defaulted with the value 'Single' on launch of the page.
- 2 for Multiple - The "Asset Gen. Option" drop-down field is defaulted with the value 'Multiple' on launch of the page.



If 'Multiple' is selected, Multiple Asset # will be generated for the selected lines with same proposal no., based on the No. of assets specified in the adjacent field

Exhibit 1: Identifies the changes in the **Set Finance Process Parameters** screen

#	Business Process	Category	Process Parameter	Permitted Value	Value	Status	Error Message
1	Fixed Asset Management	Asset Capitalization	Retrieve Work Orders/Packages based on closure date for	Enter '0' for 'No' and '1' for 'Yes'		Not Defined	
2	Fixed Asset Management	Asset Capitalization	Automatic Creation of Asset ID based on	Enter '0' for Asset Class or Enter a valid	0	Defined	
3	Fixed Asset Management	Asset Capitalization	Default Asset Gen. Option in FA Hub	Enter 0 for Blank ; 1 for Single ; 2 for Multiple	2	Defined	
4							

Fixed Assets Hub

- A new drop-down field “Asset Gen. Option” is added in the ‘Doc. Line Info.’ Tab of the **Fixed Assets Hub** screen. The system lists the values ‘Blank’ and ‘Single’.
 - Blank – Asset can be generated with manual Numbering.
 - Single – Single Asset will be created for the selected lines.
 - Multiple - Multiple Asset # will be generated for the selected lines with same proposal no., based on the No. of assets specified in the adjacent field.
- A new field “Wr. off date” is added in the ‘Doc. Line Info.’ Tab to specify the Write Off date of the Asset. The Write off JV is generated for the given Write off date for all the selected lines.
- In the “Search section”, a new drop-down value ‘Board Reference’ is added in the “Search On” field to retrieve the Document Details/Asset Info details whose proposal has the specified Board Reference.
- **Compute** button is introduced to display the total Cap. Amount for the lines selected in **Total Cap. Amt.** field.
- Manual Asset Numbering: Asset # can now be manually provided in Fixed Assets Hub in the Asset Info. Tab, after the Asset is generated. In addition to Asset Class based numbering and Numbering Type based numbering, Manual numbering of assets is enabled from the Hub.
- Sys. Asset # is a new display only control added to display the system generated Asset # on click of create Asset ID for (Single, Multiple & Blank). Asset # can be entered in Asset Info. Tab, before Authorization of the asset. Refer **Exhibit 3**.
- The Fixed Assets Hub screen is enhanced with the screen launch time by either modifying the required data offline or tuning the current fetch logic of various documents.

Exhibit 2: Identifies the changes in the Fixed Assets Hub screen

The screenshot shows the 'Fixed Assets Hub' interface. At the top, there are summary statistics: Pending Cap. 1114, Pending Auth. 87, and Pending Amend Auth. 0. Below this is a search bar with various filters. The main table displays asset lines with columns for Doc. #, Doc. Date, Ref. Doc. Info./ Supplier Name, Seq. #/ Line #, Doc. Amt., Line Amt., Pend. Cap. Amt., Cap. Amt., and Asset #. A 'Compute' button is highlighted in red, and the 'Total Cap. Amt.' is shown as 1114. Below the table, there are controls for 'Asset Gen. Option' (set to Multiple) and 'Create Asset ID' (set to 3). A 'Wr. off date' is set to 18-12-2019, and a 'Write off' button is visible. Four yellow callout boxes point to specific features: 'Total Cap. Amount for selected lines' (pointing to the Compute button), 'Single, Multiple, Blank Asset Gen. option' (pointing to the Asset Gen. Option dropdown), 'Number of assets to be created' (pointing to the Create Asset ID field), and 'Wr. Off date' to write off the assets (pointing to the Wr. off date field).

Exhibit 3: Identifies the addition of 'Sys. Asset #' field in Fixed Assets Hub screen

This screenshot shows the same 'Fixed Assets Hub' interface but with an additional column, 'Sys. Asset #', added to the table. The table now includes columns for Ref. Doc. Info./ Supplier Name, Seq. #/ Line #, Doc. Amt., Line Amt., Pend. Cap. Amt., Cap. Amt., Asset #, Tag #, and Sys. Asset #. A yellow callout box points to the 'Sys. Asset #' column, stating 'New display fields 'Sys. Asset ID' added'. The 'Compute' button and 'Total Cap. Amt.' (1114) are still visible at the bottom, along with the 'Asset Gen. Option' (Multiple) and 'Create Asset ID' (3) controls.

Ability to display Asset Records with Part Attributes for Review in FA Hub

Reference: APRP-124

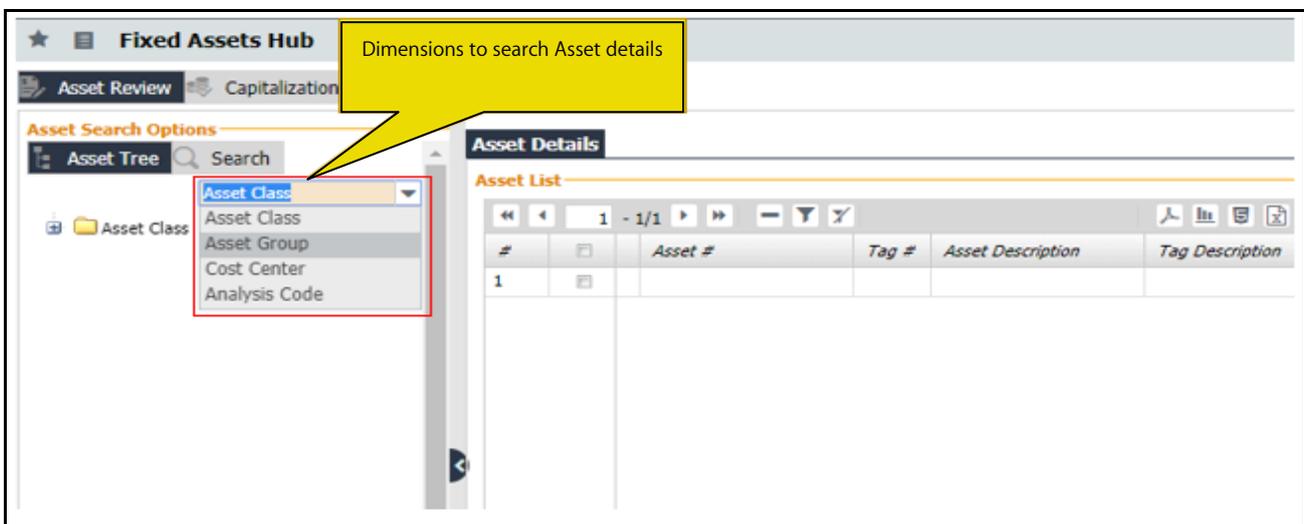
Background

Fixed Assets Hub facilitates capitalization of assets (Creation, Amendment and Authorization of assets). It also facilitates creation of assets without reference documents. The requirement is enable detailed review of fixed assets records with part attributes based on MAT mapping information.

Change Details

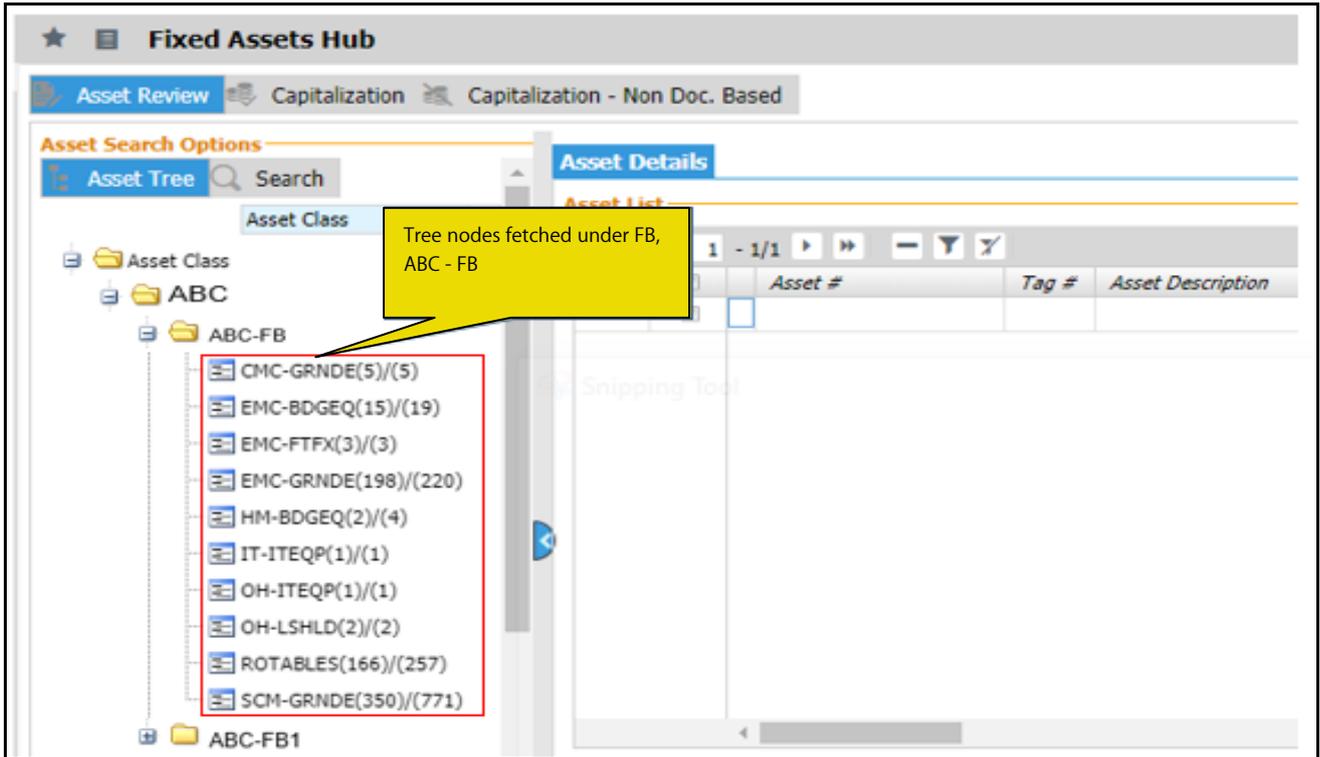
- A new context **Asset Review** has been enabled in FA Hub as a default context on launch of the screen. It enables review of details of the assets and its tag with its cost, depreciation and book value along with the details of the Part/Component information based on Maintenance Asset Tracker Mapping.

Exhibit 1: Asset Review - Dimensions to Search Asset Details



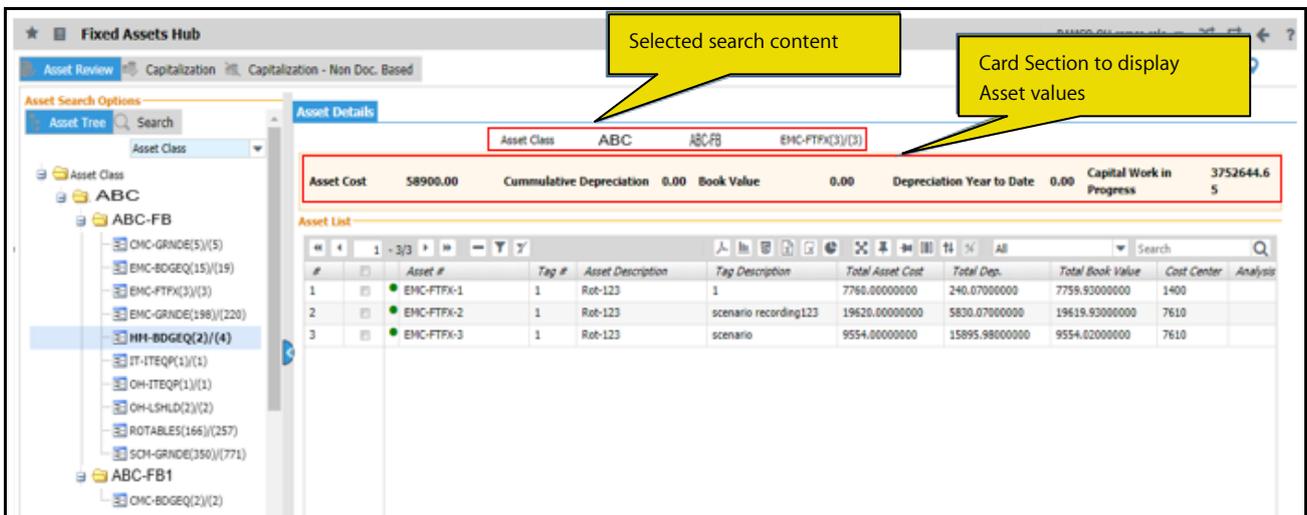
- The Asset Tree section loads the count of assets based on the criteria selected: Asset Class/ Asset Group/ Cost center/ Analysis code, under the respective Company & Finance Book. The tree node displays the count of assets and tags under each of the asset class or the other criteria as selected. On click of the node with Asset-tag count, all the asset tags of the particular node will be displayed in the multiline.

Exhibit 2: Asset Tree display in FA Hub



- On click of a node in the tree, the tree trail is displayed above the multiline – for instance if an asset class is clicked on the tree node: Asset Class, Company, FB and the asset class code is displayed as trail.
- The summary of the tree node clicked in terms of Asset Cost, Cumulative Depreciation, Book Value and CWIP value will be displayed.

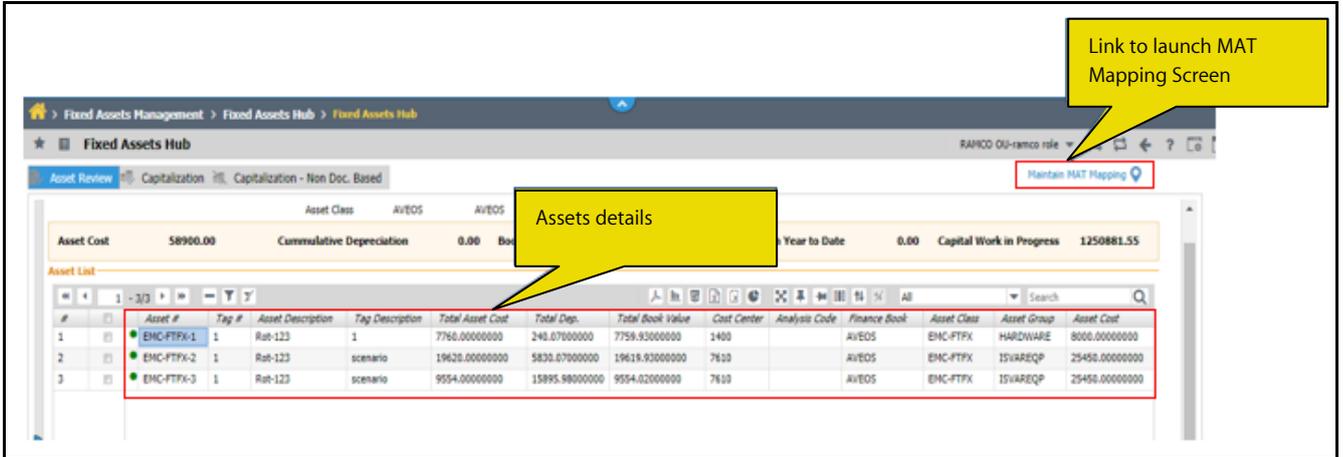
Exhibit 3: Asset details displayed on clicking Tree node



- In multiline the information of assets are displayed - Assets & it's description, Tag & it's description, Total Asset cost, Total Dep., Total book value, Cost Center, Analysis Code, FB, Asset Class, Asset Group, Asset Cost, CME Cost, Asset Dep., CME Dep., Book Value, Tag Status, In-ServiceDate, Tag Cost, Asset Location Code, Marked for retirement?, Component Id, Part Type, Part Description, Stock Status, Asset Account Code, Asset Account Desc., Source & Ref. Source docs., and Proposal #.

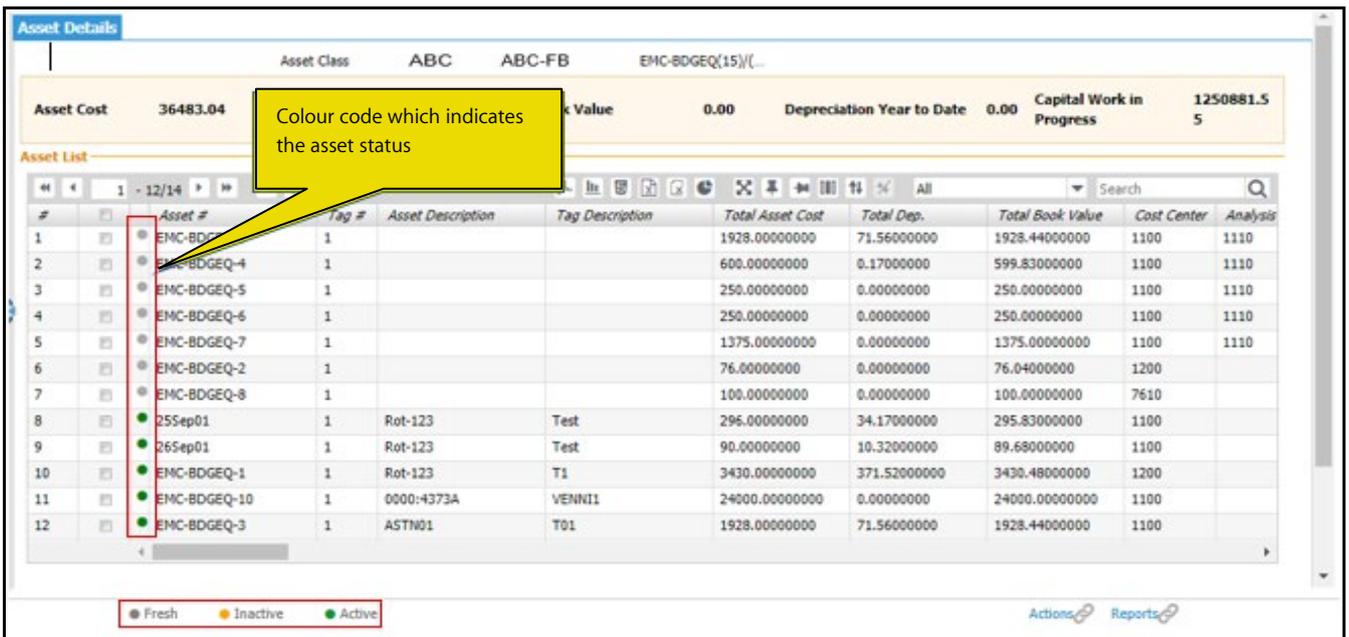
- Links to view Doc. Details, Asset Details, Acc. info., Capitalization Voucher, Upload & view docs are also given in the multiline.
- A link to launch **Maintain MAT Mapping** screen is also provided.

Exhibit 4: Asset details display in multiline



- Color code which indicates the current status of the asset is also given in the multiline. Grey color indicates the asset is in fresh status, Orange color indicates the asset is in Inactive status and Green color indicates the asset is in Active status.

Exhibit 5: Asset Status display using color codes



- Basic & Advanced search are provided to search for asset with specific asset attributes. Basic search have the facility to search by using FB, Asset class, Dep. Category, Asset group, and for a particular asset.
- Advanced Search allows to search by using Proposal No., Specific Doc. Type, Doc. No., and In-service date or Capitalization date, and search on have the option to search by Current Location, Asset Location, Part

Classification and Part Type.

Exhibit 6: Basic Search

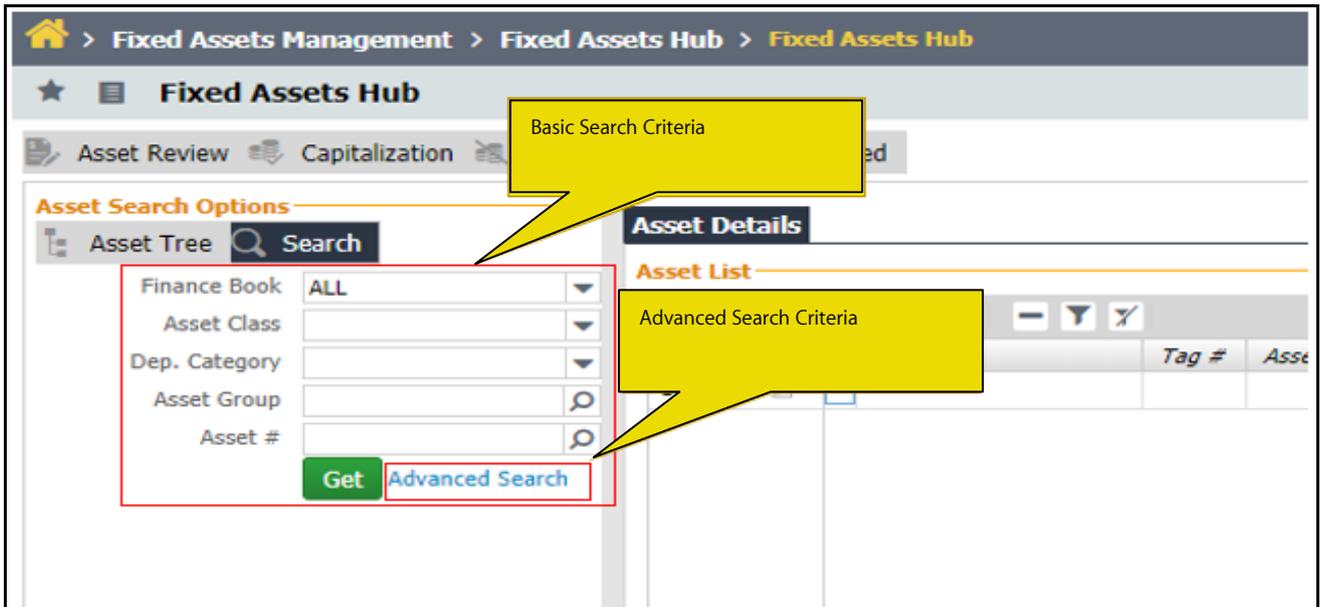
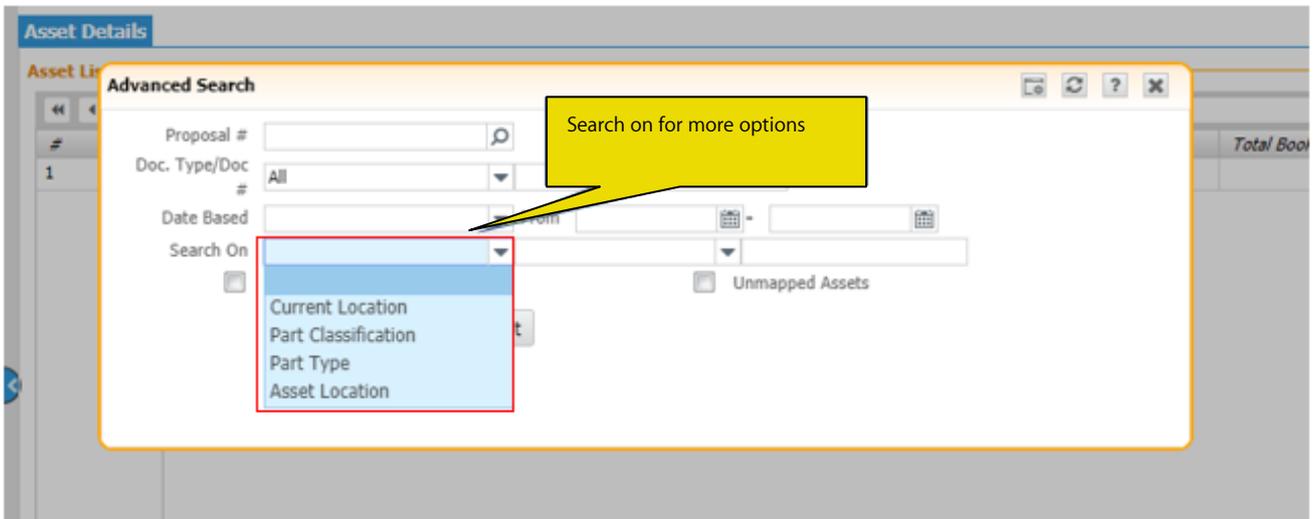


Exhibit 7: Advanced Search



Ability to enable Tracking ID Asset Generation, Asset Automation (LOT Controlled Parts) and MAT Mapping.

Reference: APRP-115

Background

During various part exchanges with Suppliers/ Customers, Part #/Serial # mapped to an Asset # is flipped when issued and received Part #/Serial # are different. However, when a receipt is created first in an exchange transaction or other transactions where assets will not be registered, the received Part #/Serial # could be used for other transactions and could undergo a flip of Part #/Serial #. In this scenario, when issue is created against the first receipt, the flip takes place with the Part #/Serial # which was received first and not with the latest Part #/Serial #. The requirement is to create a Tracking ID (Notional) Asset which does not carry any value or is not part of the Fixed Asset register, to track the flips of the received Part #/Serial # until the first receipt transaction is closed.

Currently, MAT Mapping is available only for Serial Controlled Parts. The requirement is to enable Asset Auto MAT Mapping for Lot Controlled Parts also.

The MAT mapping of Part #/Serial # to an Asset #/Tag # is available separately for Capital Inventory, Facilities and Maintenance Objects. The requirement is to create a common screen, where MAT mapping can be done for Capital Inventory, Facilities and Maintenance Objects from the same screen, with other features such as mapping to multiple Asset #/Tag # at once, advanced search and auto suggestion for mapping.

Change Details

Tracking ID Asset Generation

This enhancement enables creation of Notional Asset during the following transactions when part is received before issue:

- Exchange PO Receipt
- Customer Exchange Order Receipt
- Loan Order Receipt
- PBH PO Receipt
- PBH Exchange PO Receipt

The Tracking ID asset will be created when the part is received first in the above transactions. For instance if a part serial is received first against an Supplier Exchange PO, a Tracking ID Asset is be created based on pre-defined numbering (Say Trackid-001). The Tracking ID Asset created can be viewed in **Maintain MAT Mapping** Screen (Exhibit 4). When the above part (P1/S1) is issued for another exchange transaction (say CO Exchange) and undergoes a Part # /Serial # change (P1/S2), the received part is mapped against the Tracking ID Asset (Trackid-0001) through Asset flips.

When an issue is created against the original Supplier Exchange Receipt transaction, if issued Part #/Serial # is mapped to Asset # (Asset # 1 -> P1/S3), a flip of the Part #/Serial # mapped with the Asset # is made with the latest

Part #/Serial # mapped to the Notional Asset (Asset #1 -> P1/S2) and the Tracking ID Asset is made Inactive and the life cycle of the Tracking ID asset ends.

If the issued Part #/Serial # happens to be the latest Part #/Serial # mapped to the Tracking ID Asset, then the Tracking ID Asset is made Inactive and the life cycle of the Tracking ID asset ends.

New Set option is added in the BPC – **Finance Setup -> OU Parameter Setup -> Set Finance Process Parameters** (Exhibit 1)

1. Parameter Level : Company Level
 Business process : Fixed Asset Management
 Category : Fixed Asset Management
 Description : Auto generate temporary Tracking ID Assets for tracking the part serial/lot changes
 Permitted Value : Enter '0' for No and '1' for Yes
 - If this is parameter is set as
 - No : Tracking ID Asset will not be generated.
 - Yes : Tracking ID will be generated for specific transactions

Lot Asset Automation and MAT mapping Automation:

New Set option is added in the BPC – **Finance Setup -> OU Parameter Setup -> Set Finance Process Parameters** (Exhibit 1)

2. Parameter Level : Company Level
 Business process : Fixed Asset Management
 Category : Fixed Asset Management
 Description : Enable MAT mapping for LOT controlled Parts
 Permitted Value : Enter '0' for No and '1' for Yes
 - If this is parameter is set as:
 - No : MAT Mapping cannot be done for LOT controlled Parts.
 - Yes : MAT Mapping can be done for LOT controlled Parts.

New Set options are added in the BPC – **Finance Setup -> OU Parameter Setup -> Set Asset Automation Options.** (Exhibit 2)

3. Parameter Level : Company Level
 Business process : Fixed Assets Management
 Category : Asset Automation
 Description : Basis of Generate of Asset ID for Auto generated assets for Lot Controlled Parts
 Permitted Value : Enter '0' for 'Document-Part Level' and '1' for 'Part-Lot Level'
 - If this is parameter is set as
 - Document-Part Level : one Asset one Tag would be generated for all the quantities

received/invoiced in the document for each part.

- Part-Lot Level : one Asset one Tag would be generated for each of the quantity received/invoiced.

4. Parameter Level : Company Level
 Business process : Fixed Assets Management
 Category : Asset Automation
 Description : Allow Auto mapping of Asset Tag to Lots Controlled Part
 Permitted Value : Enter '0' for 'No' and '1' for 'Yes'

- If this is parameter is set as
 - No : MAT Mapping will not be automated during Asset Automation.
 - Yes : MAT Mapping will also be automated during Asset Automation.

Based on the above set options, the asset will be automatically generated for Lot Controlled parts and the MAT Mapping between the Part #, Mfr. Lot # and Source Document # and Asset # & Tag # for Lot Controlled parts will be processed.

MAT Mapping:

In this enhancement a new screen has been introduced for MAT mapping: **Maintain MAT Mapping** consolidating the existing screens available for MAT mapping in a single screen. In addition, the parts which are eligible for MAT mapping can be defined through the Part Attributes and only those parts can be made available for MAT mapping. To create a new mapping or view an existing mapping, select Mapped/ Unmapped/ All and enter a Part #/ Serial #/ Mfr. Lot #/ Asset # and click the 'Get' pushbutton to fetch the details.

Advanced Search gives more options to search from Mapped/ Unmapped/ All parts. Auto suggest helps in suggesting the possible Asset # / Tag # for mapping for the unmapped Part Serials (Exhibit 5).

The Asset History Icon in the multiline shows the details of the part serials which were flipped for the Asset Tag with its effectivity dates in a pop-up screen (Exhibit 6).

New Set options are added in the BPC – **Finance Setup** -> **OU Parameter Setup** -> **Set Finance Process Parameters** (Exhibit 3)

1. Parameter Level : Company Level
 Business process : Fixed Asset Management
 Category : Maintenance Asset Tracker
 Description : Applicable Part Classifications for MAT Mapping
 Permitted Value : Enter '0' for 'Rotable', '1' for Repairable, '2' for 'Controllable', '3' for None or combination of 0,1,2,3 separated by comma for selecting more than one value.
2. Parameter Level : Company Level
 Business process : Fixed Asset Management
 Category : Maintenance Asset Tracker
 Description : Applicable Part Types for MAT Mapping.

Permitted Value : Enter '0' for 'Component', '1' for 'Consumable', '2' for 'Expandable', '3' for 'Kit', '4' for 'Miscellaneous', '5' for 'Raw Material', '6' for 'Tool' or combination of 0,1,2,3,4,5,6 separated by comma for selecting more than one value.

- 3. Parameter Level : Company Level
 Business process : Fixed Asset Management
 Category : Maintenance Asset Tracker
 Description : Applicable Part Categories for MAT Mapping.
 Permitted Value : Specify valid Part categories as defined in Inventory Setup --> Part Administration--> Quick Codes for the entity "Part Category" separated by comma.

- 4. Parameter Level : Company Level
 Business process : Fixed Asset Management
 Category : Maintenance Asset Tracker
 Description : Allow modification of 'Effective From' date for Asset #, Tag # mapping to aPart Serial/ Mfr. Lot.
 Permitted Value : Enter '0' for 'No', '1' for 'Yes'.

The parts will be allowed for MAT Mapping, based on the above set options. The Effectivity of the Mapping "Effective From" can be provided based on the above option, provided there are no overlaps for the same Part Serial. However, if this option is set as 'No', the effective from cannot be modified by the user.

Exhibit 1: Set Option - Notional Asset & MAT Mapping in **Set Finance Process Parameters** screen.

The screenshot shows the 'Set Finance Process Parameters' screen. The search criteria are set to: Parameter Level: Company Level, Business Process: Fixed Asset Management, and Category: Fixed Asset Management. The search results table is as follows:

#	Business Process	Category	Process Parameter	Permitted Value	Value	Status
1	Fixed Asset Management	Fixed Asset Management	Auto generate temporary Tracking ID Assets for tracking the part serial/lot changes	Enter '0' for No and '1' for Yes	1	Defined
2	Fixed Asset Management	Fixed Asset Management	Enable MAT mapping for LOT controlled Parts	Enter '0' for No and '1' for Yes	1	Defined
3	Fixed Asset Management	Fixed Asset Management	Launch Schedule of FA Report with All FB's ?	Enter '0' for 'No' and '1' for 'Yes'	1	Defined
4						

Exhibit 2: Set Option – Asset Automation in Set Asset Automation Options screen

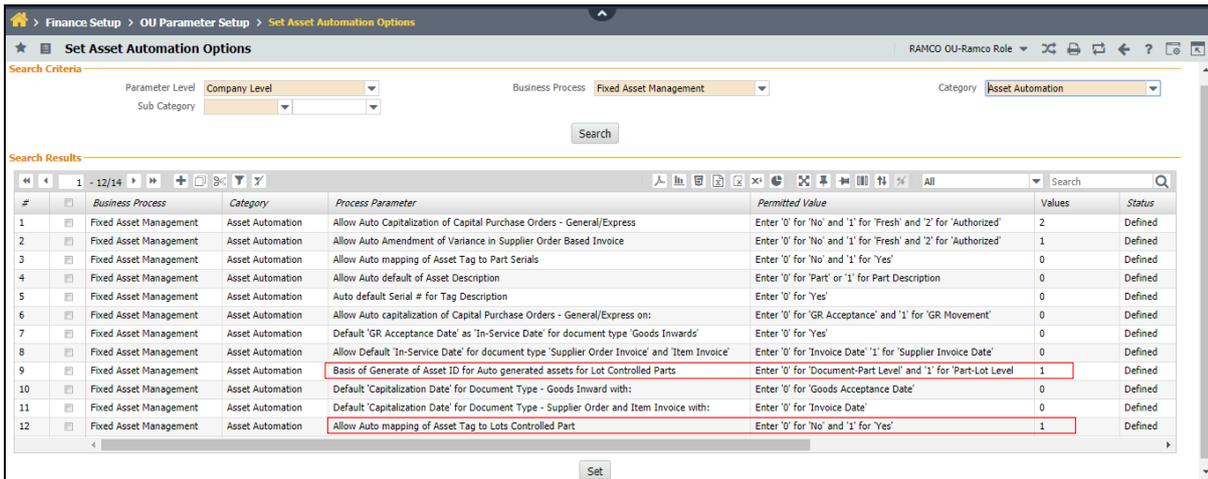


Exhibit 3: Set Option – Maintenance Asset Tracker in Set Finance Process Parameters screen

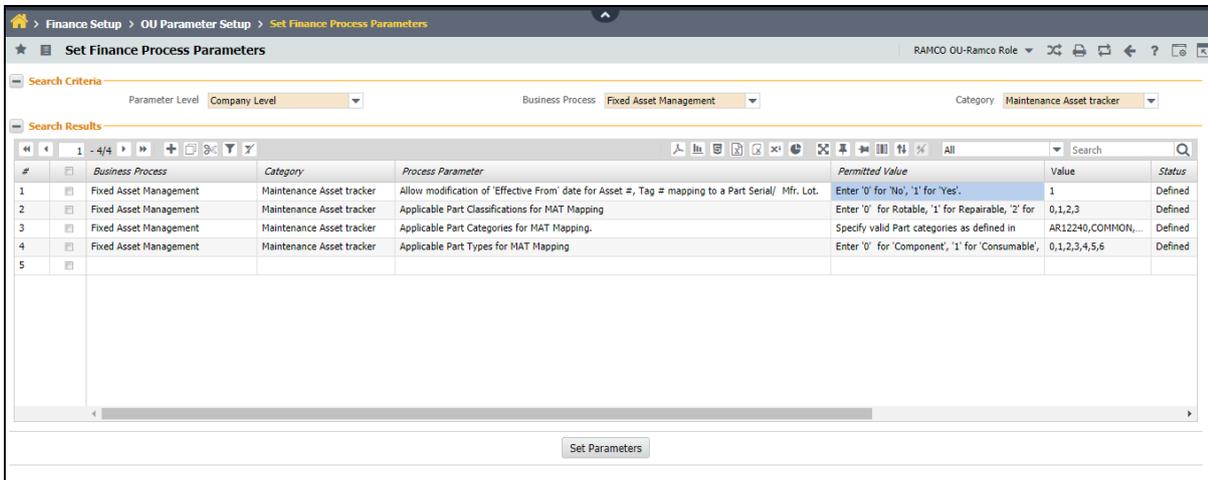


Exhibit 4: MAT Mapping in Maintain MAT Mapping screen

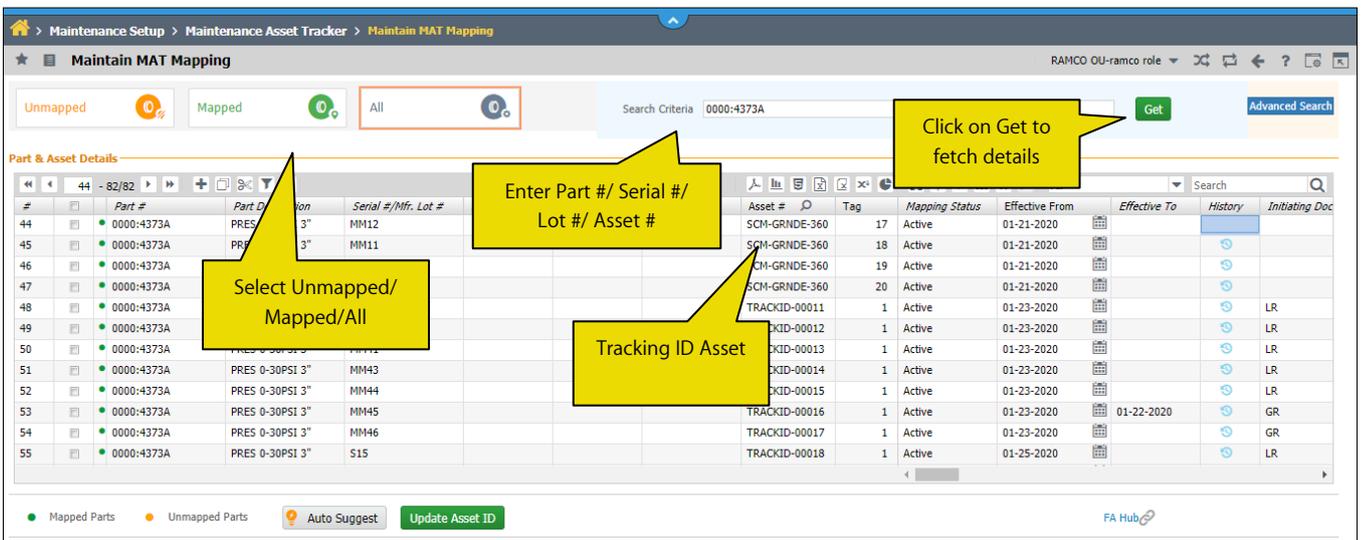


Exhibit 5: Maintain MAT Mapping – Advanced Search

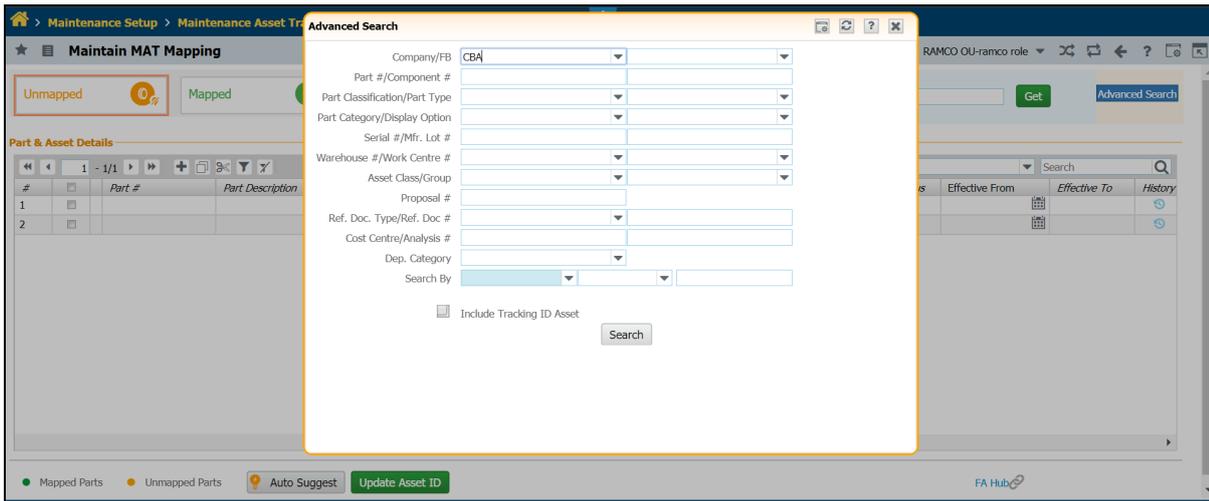
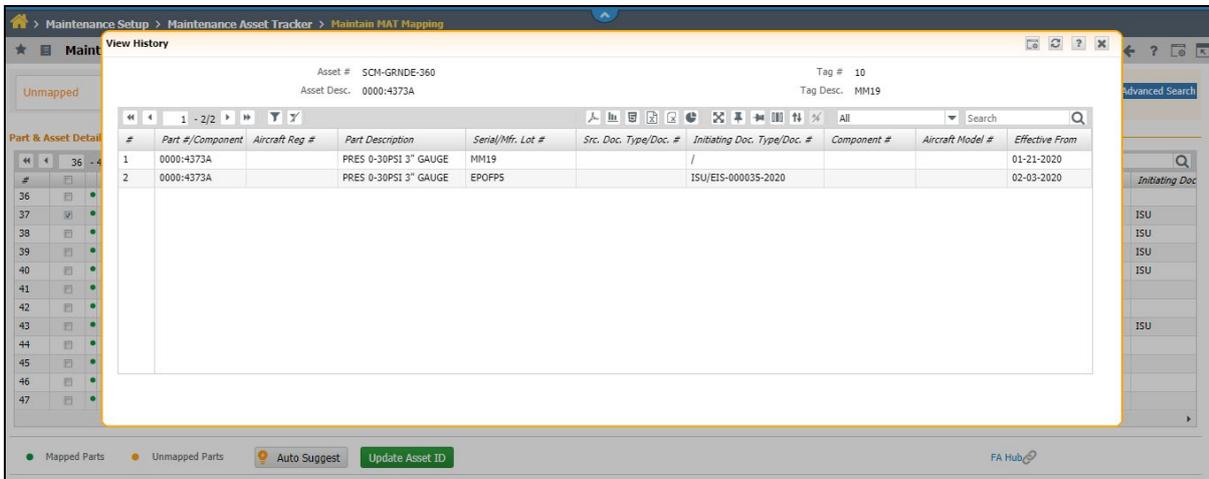


Exhibit 6: Maintain MAT Mapping – History



Ability to post depreciation cost with Analysis Code in Asset Record

Reference: APRP-118

Background

During depreciation processing, option to post depreciation cost with Analysis Code from Analysis Rule Definition, Aircraft Analysis mapping and Default Analysis Code mapped to the Depreciation Account code are available. The requirement is to post depreciation cost with Analysis Code and Sub Analysis Code captured in the Asset Record.

Change Details

This enhancement has introduced additional option in the existing set option to post depreciation cost with Analysis and Sub Analysis Code in Asset Record. Depreciation cost will be posted with Analysis Code and Sub Analysis Code from Asset Record, when the set option is selected as Analysis in Asset Record. However, the hierarchy of retrieval of Analysis Code remains and now the Analysis in asset record becomes the third hierarchy when the option is Analysis Rule Definition. (i.e. Analysis Rule Definition, then Aircraft-Analysis Mapping, then Analysis in Asset and finally the default analysis code.)

Set Option:

Set Finance Process Parameter (Common Master)	
Parameter Level	Company Level
Business Process	Fixed Asset Management
Category	Asset Depreciation Processing
Process Parameter	Analysis Retrieval for Non Usage Depreciated Assets using MAT mapping based on
Permitted Values	Enter '0' for Analysis Rule Definition, '1' for Aircraft-Analysis Mapping, '2' for Analysis in Asset record and '3' for Default Analysis code

Set Finance Process Parameter (Common Master)	
Parameter Level	Company Level
Business Process	Fixed Asset Management
Category	Asset Depreciation Processing
Process Parameter	Analysis retrieval for Usage Depreciated Assets using MAT mapping based on
Permitted Values	Enter '0' for Analysis Rule Definition, '1' for Aircraft-Analysis Mapping, '2' for Analysis in Asset record and '3' for Default Analysis code

Exhibit 1:

Set Option:

The screenshot shows the 'Set Finance Process Parameters' window. The search criteria are set to 'Company Level' and 'Asset Depreciation Processing'. The search results table is as follows:

#	Process Parameter	Permitted Value	Value	Status	Err
1	Analysis Retrieval for Non Usage Depreciated Assets using MAT mapping based on	Enter '0' for Analysis Rule Definition, '1' for Aircraft-Analysis Mapping, '2' for Analysis in Asset record and '3' for Default Analysis code	2	Defined	
2	Analysis retrieval for Usage Depreciated Assets using MAT mapping based on	Enter '0' for Analysis Rule Definition, '1' for Aircraft-Analysis Mapping, '2' for Analysis in Asset record and '3' for Default Analysis code	2	Defined	
3	Basis for computation of useful life based Straight line Depreciation	Enter 0 for Months and 1 for Days	1	Defined	
4	Consider usage as on In Service Date for CME depreciation computation	Enter '0' for 'No' and '1' for 'Yes'	1	Defined	
5	Aircraft identification basis for Analysis retrieval (Non-Usage Depreciated Assets)	Enter '0' for 'Period End Date'	0	Defined	
6					

A yellow callout box points to the second row of the table, containing the text: "Set option to post depreciation cost with Analysis Code from Asset Record".

Ability to compute Depreciation based on number of days

Reference: APRP-615

Background

During depreciation processing, depreciation is calculated based on number of months for Useful Life Based Straight Line Depreciation. The requirement is to calculate depreciation based on number of days when depreciation rule with Useful Life Based Straight Line Depreciation is used.

Change Details

- A new set option is added in **Finance Setup -> OU Parameter Setup -> Set Finance Process Parameters**.
Parameter Level – Company Level
Business Process – Fixed Asset Management
Category – Asset Depreciation Processing
Process Parameter - Basis for computation of useful life based Straight line Depreciation
Permitted Value - Enter '0' for Months and 1 for 'Days'

If the Parameter is set as:

- Months – Existing functionality of calculating Depreciation based on Months is to be continued.
 - Days – Depreciation based on number of days of Remaining Useful Life will be calculated.
- The following formula is used for depreciation calculation when the above set option is set as Days.

Remaining Book Value / Remaining Useful Life * No. of days in Fin Period

Remaining Book Value: Asset Cost - Accumulated Depreciation

Remaining Useful Life: Expiry date of the Asset - Last Date of the Previous Financial Period for which depreciation is already computed

No. of Days in Fin Period when Process Up to Date is given: (Process up to date - Period Start Date) +1

Exhibit 1: Identifies the Set Option in Set Finance Process Parameters screen.

★ Set Finance Process Parameters RAMCO OU-ramco role

Search Criteria: Parameter Level: Company Level | Business Process: Fixed Asset Management | Category: Asset Depreciation Processing

Search Results:

#	Business Process	Category	Process Parameter	Permitted Value	Value	Status	Error Message
1	Fixed Asset	Asset Depreciation Processing	Analysis Retrieval for Non Usage Depreciated Assets using MAT mapping based on	Enter '0' for Analysis Rule Definition, '1' for Aircraft-	2	Defined	
2	Fixed Asset	Asset Depreciation Processing	Analysis retrieval for Usage Depreciated Assets using MAT mapping based on	Enter '0' for Analysis Rule Definition, '1' for Aircraft-	2	Defined	
3	Fixed Asset	Asset Depreciation Processing	Basis for computation of useful life based Straight line Depreciation	Enter 0 for Months and 1 for Days	1	Defined	
4	Fixed Asset	Asset Depreciation Processing	Consider usage as on In Service Date for CME depreciation computation	Enter '0' for 'No' and '1' for 'Yes'	1	Defined	
5	Fixed Asset	Asset Depreciation Processing	Aircraft identification basis for Analysis retrieval (Non-Usage Depreciated Assets)	Enter '0' for 'Period End Date'	0	Defined	
6							

Set Parameters

Ability to enable flip and marking of retirement of Asset/Tag

Reference: APRP-116

Background

When the Part #/Serial # issued during various transactions are different from the Part #/Serial # received, the Asset # mapped to the issued Part #/Serial # should be flipped with the received Part #/Serial #. The requirement is, if the part is not to be received for reasons such as the part is scrapped or the part issued is converted to a sale transaction, the Asset # mapped to the issued Part #, should be marked for Retirement.

Change Details

This enhancement has enabled the marking of Retirement of Asset/Tag mapped, when the Part #/Serial # is either scrapped or converted to sale in the following transactions:

- Exchange PO Reconciliation
- Repair Order (BER Closure)
- Rental Order to Sale

In the **Retire Asset** screen, 'Retirement Type' will be defaulted with 'Scrap' in case of Repair Order and 'Sale' in case of Exchange PO Reconciliation/Rental Order. Also the Retirement Reference and Document # displays the Document Type and Document # of the document that initiated Asset Retirement.

Exhibit 1: Identifies the **Retire Asset** screen.

The screenshot shows the 'Retire Asset' screen with the following details:

- Retirement No.: [Empty]
- Retirement Date: 01-28-2020
- Finance Book: [Dropdown]
- Currency: CAD
- Payment Category: Credit
- Proposal #: [Empty]

Asset Information Table:

#	Asset No.	Asset Description	Tag No.	Asset Class Code	Cost Center	Tag Cost	Tag Book Val.	Retirement Type	Retirement Date	Retirement Reference	Doc. #	Asset Location
1	SCM-GRNDE-360	0000:4373A	6	SCM-GRNDE	7610	1,000.00	1,000.00	Sale	01-21-2020	Rental Order	RO-000239-2020	chen
2	SCM-GRNDE-360	0000:4373A	20	SCM-GRNDE	7610	1,000.00	1,000.00	Scrap	01-21-2020	Repair Order	REP-000269-2020	chen
3	SCM-GRNDE-360	0000:4373A	7	SCM-GRNDE	7610	1,000.00	1,000.00	Scrap	01-21-2020	Repair Order	REP-000271-2020	chen
4	SCM-GRNDE-360	0000:4373A	9	SCM-GRNDE	7610	1,000.00	1,000.00	Scrap	01-21-2020	Repair Order	REP-000270-2020	chen
5	SCM-GRNDE-360	0000:4373A	4	SCM-GRNDE	7610	1,000.00	1,000.00	Scrap	01-22-2020	Scrap Note	MSCR-000035-2020	chen

A yellow callout box points to the columns: Retirement Type, Retirement Date, Retirement Reference, and Doc. #.

Ability to include Analysis Code in Asset Initial Balance Transfer and Retirement Screens

Reference: APRP-604

Background

Asset Capitalization has been enhanced to capture the Analysis Code and Sub Analysis Code of Fixed Assets. Further, visibility and ability to retrieve assets based on Analysis Code and Sub Analysis Code during the upload of Asset Initial Balance, Asset Transfer, Asset Retirement and other fixed asset transactions is required to enable the user to better utilize the Analysis and Sub Analysis Code associated with the asset record.

Change Details

This enhancement is addition of Analysis Code and Sub Analysis Code in various select pages to search Asset Records based on Analysis # and Sub Analysis #. For example, Analysis # and Sub Analysis # is added to the Process Depreciation, thus if Analysis #/ Sub Analysis # is given, only those asset records with the given Analysis #/ Sub Analysis # will be selected for depreciation processing. (Exhibit 1)

Similarly, Analysis # and Sub Analysis # is added in the following screens in the **Fixed Assets Management** business process:

- Asset Depreciation Processing -> Process Depreciation -> View Depreciation.
- Asset Depreciation Processing -> Process Depreciation -> View Depreciation by Asset.
- Asset Depreciation Processing -> Reverse Depreciation.
- Asset Depreciation Processing -> Simulate Depreciation.
- Asset Depreciation Processing -> Create Depreciation Adjustment.
- Asset Depreciation Processing -> Reverse Depreciation Adjustment (Select document).
- Asset Depreciation Processing -> View Depreciation Adjustment. (Select document).
- Asset Disposal -> Retire Asset.
- Asset Disposal -> Reverse Retirement.
- Asset Inventory -> Create Inventory Sheet.
- Asset Inventory -> Edit Inventory Sheet (Select Inventory Sheet).
- Asset Inventory -> Edit Inventory Sheet -> Add Tags to Inventory Sheet.
- Asset Inventory -> Edit Inventory Sheet -> Edit Inventory Sheet.
- Asset Inventory -> View Inventory Sheet (Select Inventory Sheet).
- Asset Inventory -> Edit Inventory Cycle.
- Asset Migration -> Upload Initial Asset Inventory
- Asset Migration -> View Initial Asset Inventory

This Enhancement has also introduced Analysis # and Sub Analysis # in **Record Asset Transfer, Confirm Transfer Receipt** and **Create Initial Asset Entry** screens. In these transactions, if CIM Interaction is enabled between Account Based Budget and Asset Planning, then Analysis # and Sub Analysis # are mandatory and is recorded against the transactions. (Exhibit 2)

Exhibit 1: Identifies the Analysis # and Sub Analysis # in **Process Depreciation** screen.

Process Depreciation

RAMCO OU-ramco role

Process Information

Process Run No. _____ Depreciation Book Code: CORP Status _____
 Process Date: _____ Finance Book: PFB1 Numbering Type: ADEP
 Currency: CAD Posting Cost Center: _____

Financial Calendar Information

Financial Period Upto: JAN20 Start Date: 01-01-2011 End Date: 01-31-2020
 Process Upto Date: _____

Assets Selection

Selection Basis: Asset Class _____ Asset Class: All Depreciation Category: _____ Asset No.: _____
 Cost Center: _____ Analysis #: _____ Sub Analysis #: _____ View Statistics

View Statistics

Asset Selection: _____ Records Selected: _____ Tags Selected: _____
 Process

Confirm /Delete Process Run Assign Asset Set Suspension
 Confirm Usage & View Depreciation
 View Depreciation View Process Status View Unprocessed Details
 Accounting Information View Suspension View Rules
 Function Defaults

Exhibit 2: Identifies the Analysis # and Sub Analysis # in **Record Asset Transfer** screen.

Record Asset Transfer

RAMCO OU-ramco role

Transfer Information

Transfer No. _____ Transfer Type: _____ Status _____
 Transfer Date: 02-15-2020 From/To Finance Book: PFB1 Numbering Type: TRF

Search Criteria

Asset No. From: _____ To: _____ Asset Class #: All
 Tag No. From: _____ To: _____ Asset Location Code: _____
 Asset Group Code: _____ Asset Description: _____ Tag Description: _____
 Cost Center: _____ Analysis #: _____ Sub Analysis #: _____ Search

Asset Information

Found no rows to display!!!

#	Asset No.	Asset Description	Asset Group Code	Tag No.	Tag Description	Asset Class Code
1						ACC897

Preview Depreciation Confirm Transfer

Accounting Information

Ability to include Analysis Code in FA Reports

Reference: APRP-140

Background

Asset Capitalization has been enhanced to capture the Analysis Code and Sub Analysis Code for the Asset Record. Requirement is to display the Analysis Code and Sub Analysis Code in the Fixed Asset Reports which would give the user essential information captured during capitalization process.

Change Details

This enhancement has enriched the **Asset Proposal Report** and **Review Aircraft Value** to display the Analysis code and Sub Analysis Code of the Proposal #/Asset # respectively. Also, Analysis Code and Sub Analysis Code have been added to the filter criteria of Asset Proposal Report, to enable the user to view the report based on specific Analysis and Sub Analysis Code.

Exhibit 1: Search Criteria of Asset Proposal Report

The screenshot shows the 'Asset Proposal Report' search criteria form. The form is titled 'Asset Proposal Report' and includes the following fields:

- Company Code: [Dropdown]
- Asset Class Code: All [Dropdown]
- Financial year #: 01 JAN 2020 - 31 DEC 2020 [Dropdown]
- Date From: [Date Picker]
- Cost Center from: [Text Input]
- Analysis # from: [Text Input]
- Sub Analysis # from: [Text Input]
- Business Unit: AVBU [Dropdown]
- Proposal Type: Acquisition [Dropdown]
- Financial Period From: 01 JAN 2020 - 31 JAN 2020 [Dropdown]
- Date To: [Date Picker]

A red box highlights the 'Analysis # from' and 'Sub Analysis # from' fields. A yellow callout box points to these fields with the text: 'Analysis Code and Sub Analysis Code added to the Filter options'.

Exhibit 2: Asset Proposal Report

ramco		Asset Acquisition Proposal Report for the period 01-Jan-2019 to 31-Dec-2019										RAMCO SYSTEMS LIMITED 64 SARDAR PATEL ROAD TARMANI	
Proposal Date	Proposal #	Latest Amnd #	Proposal Description	Status	Cost Center	Anal/Sub Anal.	Original Proposal Amount	Amendment +/-	Revised Proposal Amount	Committed Amount	Liability Amount	Utilized Amount	Balance Amount
2019-10-29	APN-000052-2019	0	Hacco	Fresh	1100	1110/A100	0.00	100,000.00	100,000.00	0.00	0.00	0.00	100,000.00
2019-10-30	APN-000053-2019	0	Computers	Fresh	1100	103/103	0.00	40,000.00	40,000.00	0.00	0.00	0.00	40,000.00
2019-10-30	APN-000054-2019	0	Computers - 1	Active	1100	103/103	25,000.00	0.00	25,000.00	0.00	0.00	16,450.00	8,550.00
2019-10-30	APN-000055-2019	0	TestProposal	Fresh	1100	1110/A100	0.00	110,000.00	110,000.00	0.00	0.00	0.00	110,000.00
2019-10-30	APN-000056-2019	0	TestProposal	Fresh	1100	1110/A100	0.00	50,000.00	50,000.00	0.00	0.00	0.00	50,000.00
2019-10-31	APN-000057-2019	0	DemoTest	Fresh	1100	1110/A100	0.00	75,000.00	75,000.00	0.00	0.00	0.00	75,000.00
2019-10-31	APN-000058-2019	0	TestDemo	Active	1100	1110/A100	100,000.00	0.00	100,000.00	0.00	0.00	75,000.00	25,000.00
2019-11-06	APN-000059-2019	0	Mach	Active	1100	1110/A100	100,000.00	0.00	100,000.00	0.00	0.00	0.00	100,000.00
2019-11-06	APN-000060-2019	5	Plant	Active	1100	103/103	200,000.00	9,000,000.00	9,200,000.00	0.00	0.00	0.00	9,200,000.00
2019-11-06	APN-000061-2019	0	boardref	Active	1100	1110/A100	200,000.00	0.00	200,000.00	156,000.00	-131,700.00	60,000.00	115,700.00
2019-11-06	APN-000062-2019	0	boardref2	Active	1100	1110/A100	200,000.00	0.00	200,000.00	108,000.00	22,000.00	0.00	70,000.00
2019-11-06	APN-000063-2019	2	boardref1	Active	1100	102/102	100,000.00	900,000.00	1,000,000.00	648,000.00	72,000.00	228,000.00	52,000.00

Generated On: 2020-01-27 12:59:46 Date Format: dd/mm/yyyy Time Format: hh:mm:ss Page 1 of 2

Analysis Code and Sub Analysis Code displayed in the Report.

Exhibit 3: Review Aircraft Value – Onscreen view Report

Review Aircraft Value		Aircraft Value											
Aircraft Reg. #	FA101	Date	2020-01-28									Get	
FA101	Model # A310	Total Value	Can\$ 118471.12	Airframe	Can\$ 0.00	Engine	Can\$ 29716.00	APU	Can\$ 0.00	Cans	0.00	Cans	88755.12
Active	MSN # SR101FA												
#	Exp.	Part #	Part Description	Serial #	Cost Center	Analysis #	Sub Analysis #						
13		0-0440-4-0015:36361	PS9323 CARRIER	UNO-22	1100								
14		01-1311-10:99999	MODEL FMS7000-10 ADAPTER	UNO-36									
15		0-0440-4-0021:36361	BAR 1/2 SIZE TROLLEY	SL-000509-2020									
16		0-0440-4-0019:36361	SMALL OVEN RACK	UNO-38									
17		0-0440-4-	PS9323 CARRIER	UNO-39									
18		0-0440-4-0015:36361	PS9323 CARRIER	UNO-40	1100								
19		01-1311-10:99999	MODEL FMS7000-10 ADAPTER	UNO-31									
20		0-0440-4-0015:36361	PS9323 CARRIER	UNO-32	1100								
21		0-0440-4-0021:36361	BAR 1/2 SIZE TROLLEY	SL-000508-2020									
22		0-0440-4-	PS9323 CARRIER	UNO-34									
23		0-0440-4-0019:36361	SMALL OVEN RACK	UNO-35	7610								

Analysis Code and Sub Analysis Code displayed in the Report

Exhibit 4: Review Aircraft Value – Offline Report

Company Name : RAMCO SYSTEMS LIMITED1										Base Currency : CAD					
Detailed Report															
Aircraft Reg	Aircraft Model #	Aircraft Group	Part #	Serial #	Asset #	Tag #	Asset Cost	CME Cost	Total Asset Cost	Asset Book Value	Total Book Value	Analysis #	Analysis # Description	Sub Analysis #	SubAnalysis # Descr
101	A310	AHK-PL-A306-01	014963:P3625	MSNSI-L1-001	ROTABLES-	1	2,16,000.00	-	2,16,000.00	2,16,000.00	2,16,000.00	BBBB	Analysis	BBBB	Sub analysis
101	A310	AHK-PL-A306-01	69-23832-29-8120	MSNSI-L1-009	ROTABLES-	1	16,000.00	-	16,000.00	16,000.00	16,000.00	BBB	Analysis	BBB	Sub analysis
102	A320-211	CJ78	014963:P3625	MSNSI-L1-001	ROTABLES-	1	1,35,000.00	-	1,35,000.00	1,35,000.00	1,35,000.00	BBBB	Analysis	BBBB	Sub analysis
102	A320-211	CJ78	69-23832-29-8120	MSNSI-L1-009	ROTABLES-	1	10,000.00	-	10,000.00	10,000.00	10,000.00	BBB	Analysis	BBB	Sub analysis
1132	B767-200	121	014963:P3625	MSNSI-L1-001	ROTABLES-	1	1,62,000.00	-	1,62,000.00	1,62,000.00	1,62,000.00	BBBB	Analysis	BBBB	Sub analysis
1132	B767-200	121	69-23832-29-8120	MSNSI-L1-009	ROTABLES-	1	12,000.00	-	12,000.00	12,000.00	12,000.00	BBB	Analysis	BBB	Sub analysis
1133	B767-200	GRP-01	014963:P3625	MSNSI-L1-001	ROTABLES-	1	27,000.00	-	27,000.00	27,000.00	27,000.00	BBBB	Analysis	BBBB	Sub analysis
1133	B767-200	GRP-01	69-23832-29-8120	MSNSI-L1-009	ROTABLES-	1	2,000.00	-	2,000.00	2,000.00	2,000.00	BBB	Analysis	BBB	Sub analysis
DR24	YR78		014963:P3625	MSNSI-L1-001	ROTABLES-	1	27,000.00	-	27,000.00	27,000.00	27,000.00	BBBB	Analysis	BBBB	Sub analysis
DR24	YR78		69-23832-29-8120	MSNSI-L1-009	ROTABLES-	1	2,000.00	-	2,000.00	2,000.00	2,000.00	BBB	Analysis	BBB	Sub analysis
WE77	GG8712	WE77	014963:P3625	MSNSI-L1-001	ROTABLES-	1	27,000.00	-	27,000.00	27,000.00	27,000.00	BBBB	Analysis	BBBB	Sub analysis
WE77	GG8712	WE77	69-23832-29-8120	MSNSI-L1-009	ROTABLES-	1	2,000.00	-	2,000.00	2,000.00	2,000.00	BBB	Analysis	BBB	Sub analysis

Analysis Code and Sub Analysis Code displayed in the Report

Reports on Asset Scrappage

Reference: APRP-143

Background

Currently when a part is scrapped through a scrap note (for e.g.) the asset tag mapped to the part is marked for retirement and based on the replenishment action, PR/PO will be generated and a new part will be procured. While there will be ability to view the list of the scrap notes generated for a particular period under 'View Scrap Note' screen. However there is no visibility of scrap note along with the replenishment asset details.

Hence the requirement is to have a report with the details of the assets which are scrapped through scrap note or other means along with the details of the linked asset which is procured through replenishment.

Change Details

A new activity, **Report on Asset Scrappage**, has been added under **Reports – Fixed assets management** under **Fixed Assets Management** Business Process.

Asset Scrappage Report:-

Scrappage report can be launched with certain Search Criteria, below are the fields which helps to enter and search for a particular combination if need.

- Company: - Assets belonging to the specific Organization unit.
- Finance Book: - Assets belonging to the specific Finance book.
- Asset Class: - Displays all Asset Class which are defined in asset master.
- Date Based: - Option to retrieve the report based on Scrap note date or In-service date.
- Cost Center from/to: - For the assets belonging to the specific Cost center.
- Part #- Facilitates to search the scrap notes raised for a Particular part.
- Analysis # From/To: - For the assets belonging to the specific Analysis code.
- Trading Partner #: - Facilitates to search the scrap notes raised for a particular Trading Partner.
- Scrap Note From/To: - Option to search for the Scrap note entered.

Scrappage report will be launched with the details of the Scrapped Assets #, Part #, Serial #, Cost center, Analysis #, Scrap note #, Repl. PR, Repl. PO, Repl. GI, Repl. Part #, Repl. Assets, In-Service date, Book Value etc., based on the search criteria selected.

Exhibit 1:

New Activity: Report on Asset Scrappage:

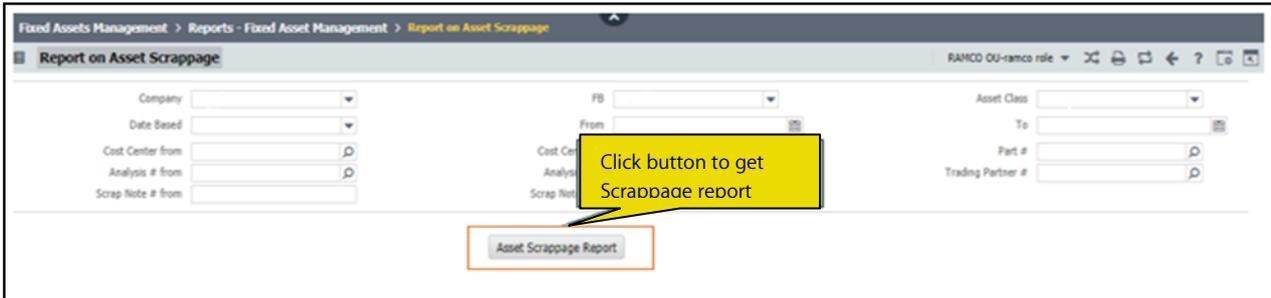
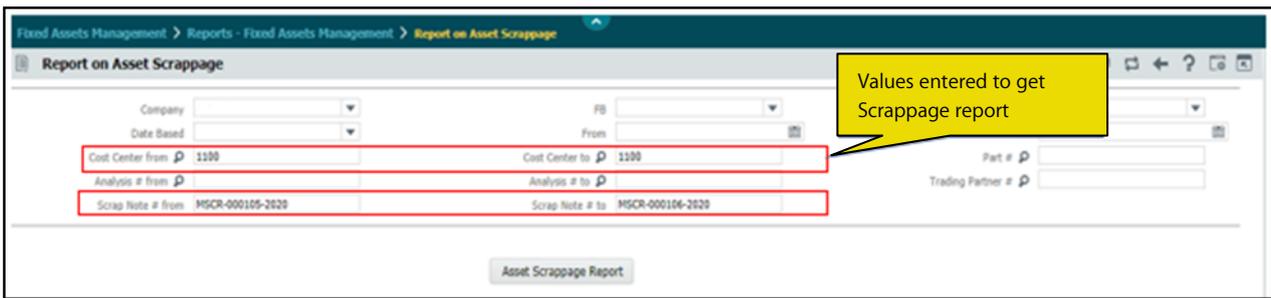


Exhibit 2:

Report on Asset Scrappage – Search Criteria



Note: Once the necessary search criteria's are given, then click on Asset Scrappage Report button to get the details.

Exhibit 3:

Asset Scrappage Report :

ID	Asset #	Asset Desc.	Tag #	Tag Desc.	Status	Marked For Retirement	Part #	Part Description	Serial #	Mfr. Serial #	Mfr Lot #	Cost Center #	Cost Center Desc.	Scrap Note #	Scrap Date	Currency	Scrap Value	Last Removed Aircraft Reg. #
1	SCRAPPAGE RPT	Scrappage rpt		Test/Scrap	RT	Yes	0005-00132500	WHITE TANK	0-14			100	100- ENC GENERAL MANAGER	MSCR-000106-2020	1-9-2020 12:00:00 AM	CAD	0.00	
2	TESTSCRAP	Scrappage rpt		Test	RT	Yes	000-99999	ELECTRICAL TEST HARNESS	0000			100	100- ENC GENERAL MANAGER	MSCR-000105-2020	1-9-2020 12:00:00 AM	CAD	50000	

Contd.

Repl. PR	Repl. PO	Repl. PO Status	Good Inward #	Repl. Part #	Repl. Serial #	Repl. Mfr. Serial #	Repl. Mfr.	Repl. Qty	Repl. Assets #	Repl. Asset	Repl. Tag #	Repl. Tag Desc.	In Service Date	Book Value	
APR-000764-2020	PO-001565-2020	CI	GIGPO-000883012020	00059-037.32500	012345	012345			1	SCRAPLAST	UTTest	1	Test12345	1-9-2020 12:00:00 AM	10000
APR-000763-2020	PO-001564-2020	CI	GIGPO-000882012020	000-99999	00099-1	00099-1			1	UTFINAL	Scrappage rpt	1	Scrappage rpt	1-10-2020 12:00:00 AM	1000

WHAT'S NEW IN MANAGEMENT ACCOUNTING?

Ability to enable capture of Budget and Forecast for all accounts including Balance Sheet accounts

Reference: APRP-1

Background

This enhancement is to provide provision to capture budget details for all Account Codes including Balance Sheet Accounts. Also, to provide the ability to upload budget with financial periods as columns instead of rows in the cost budget.

Change Details

- A new set option has been added in the **Set Finance Process Parameters** activity under the **OU Parameter Setup** business component as given below:
 - Parameter Level - Organization Unit Level Business Process - Management Accounting
 - Category - Cost Budget
 1. Process Parameter - Allow Balance Sheet Account Codes for Cost Budget
Permitted Values - Enter '0' for 'No' and '1' for 'Yes'
 2. Process Parameter: Default Display Period in with
Permitted Values: - Enter '0' for 'Row' and '1' for 'Column'
- The **Edit Budget Details** screen under the **Cost Budget** business component has been renamed as **Maintain Budget Details** and has been made accessible from the following screens:
 - Create Budget Header
 - Edit Budget Header
 - Authorize Budget Header
 - Amend Budget Header
- A new combo 'Display Period in' has been added in the header section in the **Maintain Budget Details** link page with the options 'Column' and 'Row'.



Note that budget values are allowed to be entered for Balance Sheet Account Codes.

Display Period combo loading logic

The system lists the following:

- Both the 'Column' and 'Row' values only if the 'Budget Type' is Value.
Only 'Row' if the 'Budget Type' is Quantity
- Both 'Column' and 'Row', only if the Effective Date and Expiry Date To falls within the same year and also

the given Mac Calendar year has maximum of twelve periods.

- Loads 'Column' and 'Row' and defaults with Column/Row based on the set options as defined in the Set Finance Process Parameters activity of the OU Parameter business component.

Exhibit 1:

Set Finance Process Parameters activity under the **OU Parameter Setup** business component:

The screenshot shows the 'Set Finance Process Parameters' interface. At the top, there are search criteria: 'Parameter Level' set to 'Organization Unit Level', 'Business Process' set to 'Management Accounting', and 'Category' set to 'Cost Budget'. Below this is a table with the following data:

#	Business Process	Category	Process Parameter	Permitted Value	Value	Status	Error Message
1	Management Accounting	Cost Budget	Allow Balance Sheet Account Codes for Cost Budget	Enter '0' for 'No' and '1' for 'Yes'	1	Defined	
2	Management Accounting	Cost Budget	Automatically roll up Cost Budgets from Definition Type -	Enter '0' for 'No' and '1' for 'Yes'	0	Defined	
3	Management Accounting	Cost Budget	Default Display Period in with	Enter '0' for 'Row' and '1' for 'Column'	1	Defined	

A yellow callout box with the text 'Newly added process parameters' points to rows 1, 2, and 3 of the table. At the bottom of the interface is a 'Set Parameters' button.

Exhibit 2:

Cost Budget Header in the **Cost Budget** business component

The screenshot shows the 'Create Budget Header' interface. It contains several input fields and dropdown menus for defining a budget header. Key fields include: 'Budget No.', 'Description', 'Budget Org Unit' (set to 'ALL'), 'Effective Date' (set to '01-01-2011'), 'Budget Category' (set to 'ABCD'), 'Version No.' (set to '1'), 'Definition Type' (set to 'Cost Center'), 'Responsibility', 'Expiry Date' (set to '31-12-2019'), 'Aggregate / Period' (set to 'Period'), 'Budget Type' (set to 'Value'), 'Org Unit', and 'Budget Definition At' (set to 'Company Level').

Below these fields are sections for 'Cost Center / Unit' and 'Cost Element', each with 'Structure ID', 'From', and 'To' fields. At the bottom right is a 'Create' button. A yellow callout box with the text 'Create Budget Details link has been renamed as Maintain Budget Details' points to a link labeled 'Maintain Budget Details' at the bottom left of the interface.

Exhibit 3:
Edit Budget Header in the Cost Budget business component

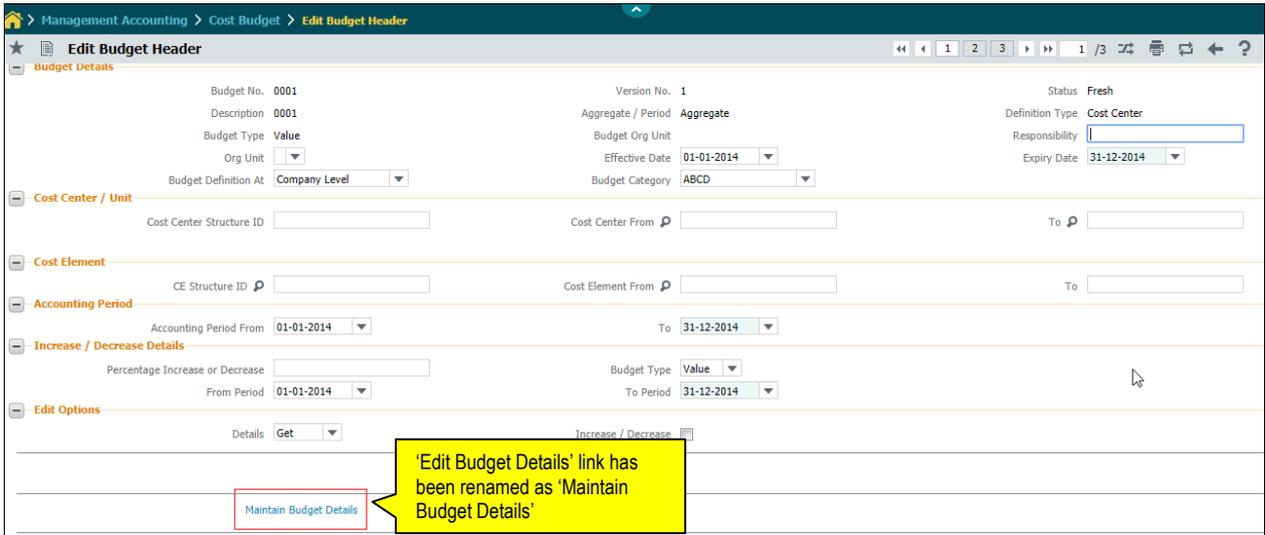
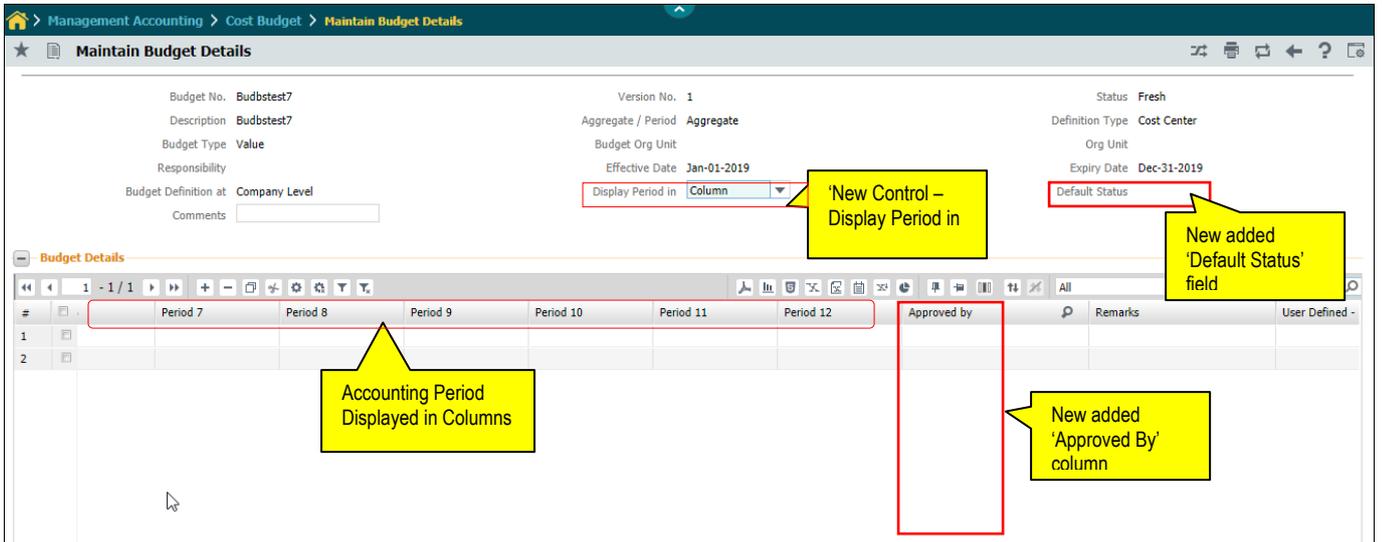


Exhibit 4:
Period displayed as Columns in the Maintain Budget Details



Ability to generate report to provide profitability statement with cost center structure as columns

Reference: APRP-87

Background

The Cost Center Profitability Reports are generated for various combinations of Cost Elements / Cost Centers / Column Structures for a given Financial Period with additional parameters. Ability to generate the Cost and Profitability Report at Cost Center Structure Level for the Period, Quarter, Half Year, YTD and rolling by 12 month period is provided in this enhancement.

Change Details

Cost Setup

Manage Cost Column Structure

New Pre-Defined "Column Structure ID" are added in the "Cost Column Structure Info" section of the **Manage Cost Column Structure** screen. The Column Structure IDs are:

- STD-CCST-P – Column Structure is based only on the selected financial period.
- STD-CCST-Y - Column Structure is based on the first Financial Period of the selected Financial Year up to the selected Financial Period.
- STD-CCST-Q - Column Structure is based on the Quarter to which the selected Financial Period belongs and displays the data from the first Financial Period of the Quarter up to the selected Financial Period.
- STD-CCST-H - Column Structure is based on the Half Year to which the selected Financial Period belongs and displays the data from the first Financial Period of the Half Year up to the selected Financial Period.
- STD-CCST-R - Column Structure is based on the past 12 Financial Period including the selected Financial Period.

Reports-Management Accounting

Cost and Profitability Report

The **Cost and Profitability Report** is enhanced to retrieve Cost and Profitability at Cost Center Structure Level. The report is displayed based on Cost Center Structure hierarchy for the Period, Quarter, Half Year, YTD, rolling by 12 month period. Cost Center Structure only up to Group Cost centers are displayed in the Report.



Note: Detailed Cost Centers should be placed at same level to generate the report output using Cost Center Structure.



Note: When any of the 5 Column Structure IDs are selected, 'Group CC', 'Cost Center', 'Budget #' and 'Version #' fields should not be entered.

Exhibit 1: Identifies the Cost and Profitability Report

Company : ABC		Base Currency : CAD					
COST AND PROFITABILITY REPORT From Apr19 to Jun19							
		PFB					
		CMC			EMC		
S.No	Particulars	AF	OH	CMC-Total	SC	TRAINING	EMC-Total
1	Total Expenses						
2	Direct Expenses						
3	Wages	3,900.00		3,900.00			
4	Materials	6,417.00	4,939.00	11,356.00	12,218.00	6,837.00	19,055.00
5	Expenses	4,100.00		4,100.00	1,000.00	11,000.00	10,000.00
6	Direct Total	14,417.00	4,939.00	19,356.00	13,218.00	17,837.00	29,055.00
7	Indirect Expenses						
8	Ind Wages	158.00	7,234.00	7,392.00	3,604.00	4,062.00	458.00
9	Ind Material	3,100.00		3,100.00	10,000.00		10,000.00
10	Indirect Total	3,258.00	7,234.00	10,492.00	13,604.00	4,062.00	10,458.00
11	Selling Expenses						
12	Selling Overhead	22,959.25	3,300.00	19,659.25			
13	Selling Total	22,959.25	3,300.00	19,659.25			
14	Cost of Goods Sold	40,634.25	15,473.00	49,507.25	26,822.00	21,899.00	39,513.00

Ability to generate cost profitability report with dynamic columns

Reference: APRP-97

Background

Management Reports are used to analyze the budget, actuals of income and expenses of a company. The requirement of each customer to view the report varies. The same customer also has requirement to view reports at different dimensions. The Account Code, Cost Center, Analysis Code is used at different dimensions to analyze the Income and Expenses of the company. Reports generated using the advanced column structure is used as a more powerful data analysis tool and in this enhancement Cost and Profitability Report for Multiple Periods can be viewed in the same report.

Change Details

OU Parameter Setup

A new set option 'Allow Cost and Profitability Report across Financial Years' is added under the Category 'Cost and Profitability Report', 'Business Process 'Management Accounting' and Parameter Level 'Organization Unit Level' in the **Set Finance Process Parameters** activity of the **OU Parameter Setup** business component.

- '0' (No) - Cost and Profitability Report cannot be generated across financial years.
- '1' (Yes) - Cost and Profitability Report can be generated across financial years based on the 'Financial Period From' and 'Financial Period To' fields specified in the **Generate Reports** screen.

Reports - Management Accounting

Four new fields are added in the multiline of the **Generate Reports** screen of the **Cost and Profitability Report** activity.

- Budget # (Adj. Actuals) – Displays the Actual balances for the Period till the (Financial Period to minus 1) and Budget data for the Budget # in the "Cost and Profitability Report".
- Version # - Indicates the version number of the Budget # (Adj. Actuals).
- Budget Display – Budget Display which could be 'All Periods' or Reporting Periods'.
 - All Periods - Budget data will be displayed for All the Periods in the Financial Year.
 - Reporting Periods - Budget data will be displayed only for the selected period (even if Financial Year is 'Blank', system displays Budget data only for the selected Reporting Periods from and to).
- Report Grouping - If Report Grouping is selected as 'Cost Center', then the system displays 'Cost and Profitability Reports' with Detail CC/Group CC/All CC in separate page, based on the 'CC Report Option' field selected.



Note: To select Report Grouping as 'Cost Center', Cost center should not be used as a dimension in the Column Structure.

- CC Report Option – If CC Report Option is selected as Detail CC – the report will be generated only for detail CC. If it is selected as Group CC – the report will be generated only for Group CC. If it is selected as CC Structure – the report will be generated for all Detail and Group CC in the given CC Structure.



Note: If Cost Center is used as dimension in Column Structure and CC Report option is selected as Group CC or CC Structure, the report will be displayed in a layered format. (Exhibit 2)

Exhibit 1: Identifies the Generate Reports screen of the Cost and Profitability Report activity

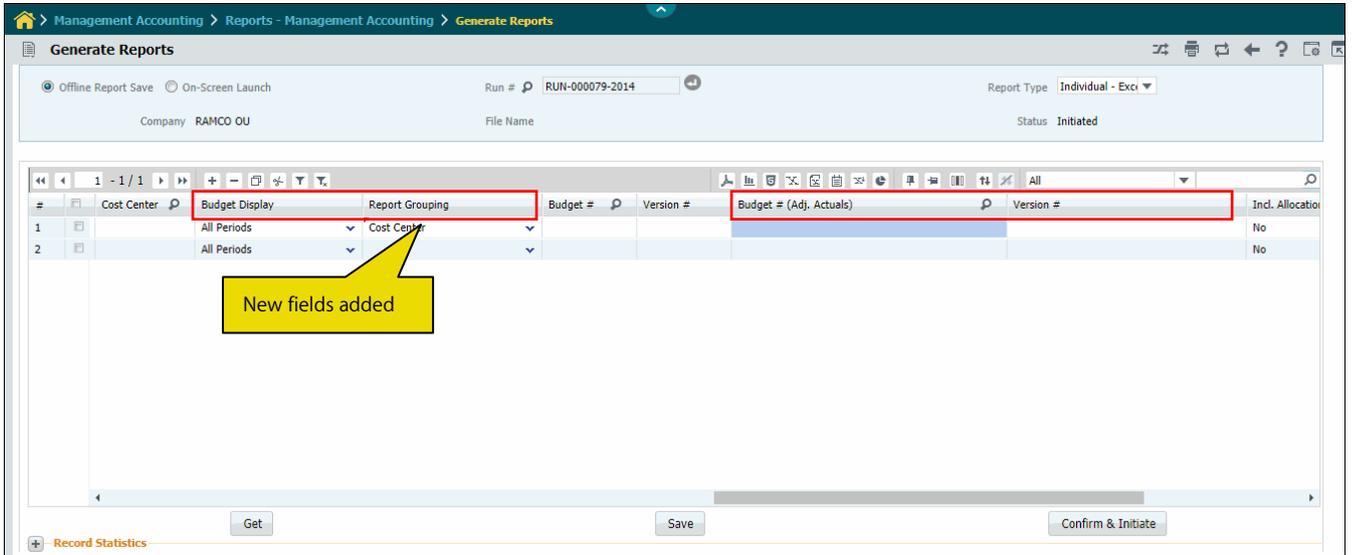


Exhibit 2: Identifies the Cost and Profitability Report with Layered output for CC Structure.

Company : AVEOS		Base Currency : CAD											
COST AND PROFITABILITY REPORT From APR19 to JUL19													
S.No	Particulars	Actuals						Budget					
		1210			1220			1210			1220		
		102	103	104	102	103	104	102	103	104	102	103	104
1	Revenue												
2	Standing Charge	-	-	-	-	-	-	-	-	-	-	-	-
3	Contract Revenue	-	-	-	-	-	-	-	-	-	-	-	-
4	Total Sales	-	-	-	-	-	-	-	-	-	-	-	-
5	Direct Materials												
6	Heavy Mtce - Provisions	-	-	-	-	-	-	-	-	-	-	-	-
7	Heavy Maintenance - Amortisatio	-	-	-	-	-	-	-	-	-	-	-	-
8	Direct Freight	-	-	-	-	-	-	-	-	-	-	-	-
9	Unallocated Direct Materials	-	-	-	-	-	-	-	-	-	-	-	-
10	Total Direct Materials	-	-	-	-	-	-	-	-	-	-	-	-
11	Direct Labour												
12	Personnel - Pilots	-	-	-	-	-	-	-	-	-	-	-	-
13	Personnel - FA's & Observers	-	-	-	-	-	-	-	-	-	-	-	-
14	Unallocated Direct Labour	-	-	-	-	-	-	-	-	-	-	-	-
15	Total Direct Labour	-	-	-	-	-	-	-	-	-	-	-	-
16	Other Overheads												
17	Depreciation - Aircraft	-	-	-	-	-	-	-	-	-	-	-	-
18	Depreciation - Other	-	-	-	-	-	-	-	-	-	-	-	-
19	Amortisation	-	-	-	-	-	-	-	-	-	-	-	-
20	Total Other Overheads	-	-	-	-	-	-	-	-	-	-	-	-

Ability to retrieve the cost centre based on aircraft model for Usage/Fixed Price/External Services Revenue

Reference: APRP-112

Background

Currently the Sale - Cost Center definition is the same for both aircraft jobs and part Jobs, and definitions based on certain parameters like Billing Element, Aircraft Model etc. are not available.

The requirement is to have definitions separately for Part and Aircraft jobs, because the attributes for cost center definition and derivation may vary depending on the job type.

For Example: In case of Aircraft jobs, the aircraft model will be the model of the 'A/C Reg#.', however in case of part jobs, the aircraft model should be the model of 'Rmv. From A/C Reg#.'

Now with this enhancement user will be able to define the Cost Center Rule Definition for 'Sale' for each event separately for 'Aircraft' and 'Parts' with different parameters.

Change Details

- New events have been introduced for 'Cost Center definition' under the **Management Accounting** business process > **Cost Center Rule Definition** and **Create Sale Definition** activity.

New events introduced: (Exhibit -1)

- Service sale - Fixed Monthly Charges - Part : To define the Cost Center applicable for the 'Fixed Monthly Charges' revenue against contract with applicability: 'Parts'
- Service Sale - Usage based – Part : To define the Cost Center applicable for the 'Usage Based' revenue against contract with applicability: 'Parts'
- Service Sale - Maint. Based – Part : To define the Cost Center applicable for the 'Maintenance Revenue'(both Internal and External Repairs) against the contract with applicability : 'Parts'

Some of the existing events are renamed:

- Service sale - Fixed Monthly Charges - Aircraft : To define the Cost Center applicable for the 'Fixed Monthly Charges' revenue against contract with applicability : 'Aircraft'
- Service Sale - Usage based – Aircraft : To define the Cost Center applicable for the 'Usage Based' revenue against contract with applicability : 'Aircraft'

The existing event 'Service Sale - Maint. Based' will be used to define the Cost Center applicable for the 'Maintenance Revenue' against the contract with applicability: 'Aircraft'

- The following are different parameters based on which the definitions can be provided for each of the event.

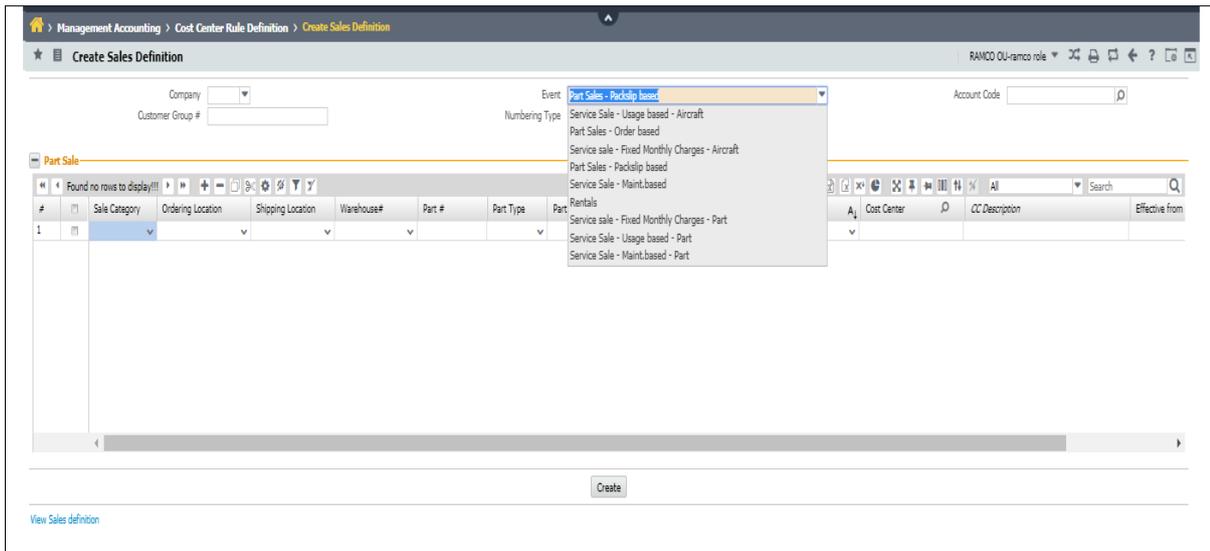
Event	Parameters								
	Exec. Category	Ordering Location	Exec. Facility	Repair Order / Exec. Location	Work Center #	Sale Type	Billing Element	Aircraft Model	Part Attributes
Service Sale - Usage based - Aircraft	No	No	No	No	No	Yes	Yes	Yes	No
Service sale - Fixed Monthly Charges - Aircraft	No	No	No	No	No	Yes	Yes	Yes	No
Service Sale - Usage based - Part	No	No	No	No	No	Yes	Yes	Yes	Yes
Service sale - Fixed Monthly Charges - Part	No	No	No	No	No	Yes	Yes	Yes	Yes
Service Sale - Maint. based	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	No
Service Sale - Maint. based - Part	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes



Note: Part Attributes Indicate 'Part group', 'Part Group' and 'Component Type'

- Based on the CCRD definition available for the particular event, the Cost center for revenue posting will be retrieved for the parameters applicable.
 - In case of Usage Revenue/Fixed Monthly Charges Revenue, the parameters (billing element, A/C model) will be derived from customer service invoice.
 - In case of Maintenance Revenue, the parameters (Sale type and Aircraft model) will be derived from the customer order.
 - If the specific parameter based definition is not available, then the residual definition available will be considered.

Exhibit 1: Create Sales Definition screen.



WHAT'S NEW IN BOOK KEEPING?

Ability to account Usage Revenue based on Service Sale ARD defined at Billing Element Level

Reference: APRP-109, 761

Background

Currently the Usage Based Revenue from the Customer Service Invoice will be posted to single revenue account irrespective of any additional parameters.

This enhancement enables the user to define the Service Sale Account Rule Definition with the combination of the parameters: Customer Account Group, Sale Type and Billing Element.

Hence when a Customer Service Invoice is generated for Usage Based Billing, the revenue would be posted to different Revenue accounts depending on the billing element against which the revenue is being billed.

This provides the user the Usage Revenue breakup at each billing element level for detailed revenue analysis.

Change Details

This enhancement allows definition Service Sale ARD at Billing Element level.

A new parameter: 'Billing Element' has been introduced.

Exhibit 1:

Set Service Sales Parameters:

A new parameter 'Billing Element' has been introduced under **Book Keeping** business process > **Account Rule Definition** and **Create Service Sale Account Definition** activity.

The screenshot shows the 'Set Service Sales Parameter' form. The parameters are as follows:

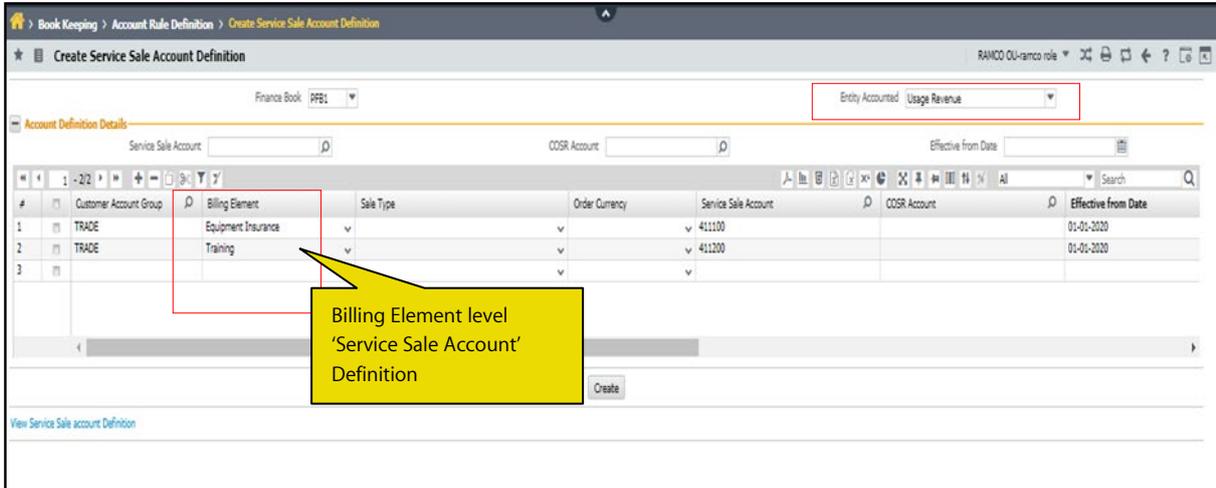
Parameter	Value
Customer Account Group	Yes
Work Center	No
Sale Type	No
Execution Category	No
Maintenance Base	No
Order Currency	Yes
Order Category	Yes
Billing Element	Yes

A yellow callout box points to the 'Billing Element' parameter with the text: "A new parameter 'Billing Element' is introduced".

A new control 'Billing Element' has been introduced for the **Entity Accounted: Usage Revenue** under **Book Keeping** business process > **Account Rule Definition** and **Create Service Sale Account Definition** activity.

Exhibit 2:

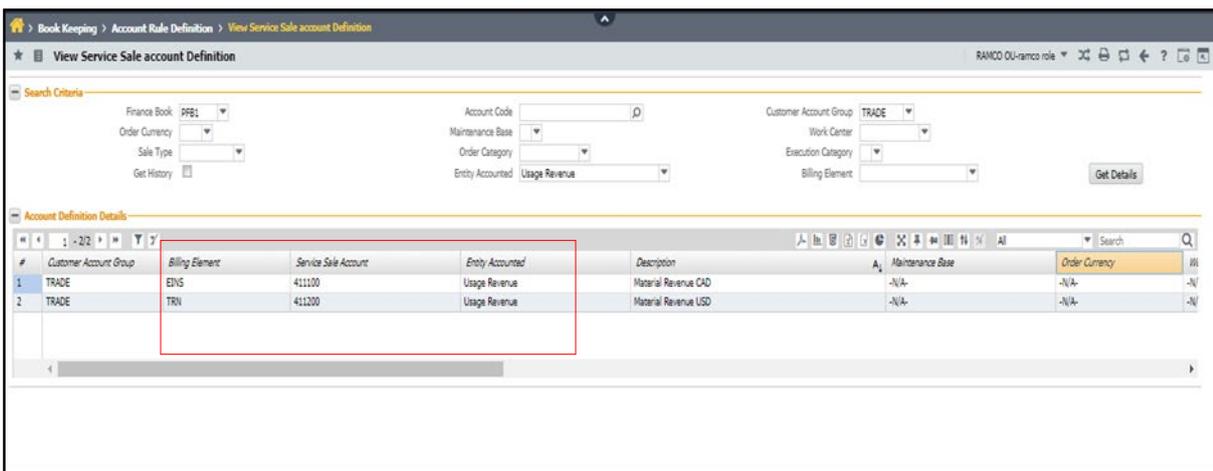
Create Service Sale Account Definition:



Note: Billing Element level definition can be provided only when the parameter above is set as 'Yes'

Exhibit 3:

View Service Sale Account Definition:



Note: When a customer service invoice is generated for Usage Revenue with multiple billing elements or multiple invoice releases with different billing elements, then the accounting information will be displayed at the billing element level with the respective revenue account code if the ARD for 'Usage Revenue' is defined at billing element level with multiple account codes. Now the Usage Revenue account code can be defined based on Customer Account Group, Billing Element & Sale Type.

Ability to define GL Allocation at line level

Reference: APRP-85

Background

Companies have the practice of allocating common expenses incurred at a particular indirect Cost Center to be multiple direct Cost Centers. Likewise, common expenses incurred at any level viz. Account Code, Analysis Code, Sub Analysis Code, Expense Classification in a Finance Book is to be allocated across multiple Finance Books. This is required for better profitability analysis.

Currently, application facilitates General Ledger allocation at a consolidated level through **Maintain Allocation and Distribution Rules** activity. Since there are 'n' of rules which have to be reviewed and maintained every month, a provision is required to facilitate allocation at line level. In this enhancement, General Ledger Allocation is enabled at line level.

Change Details

Journal Voucher

Maintain Allocation & Distribution Rules

The following new fields are added in the "Source" multiline of the **Maintain Allocation & Distribution Rules** screen to define allocation at line level:

- Company – Indicates the login Organization unit of the company.(This is moved from Rule Info section to Source section ML)
- Rule Line # - The number identifying the line of the source Rule ID.
- Rule Seq # - Indicates the sequence of the source Rule Line #.
- FB – Indicates the posting finance book in 'active' status.

The following new fields are added in the "Destination" multiline:

- Rule Line # - The number identifying the line of the destination Rule ID.
- Rule Seq # - Indicates the sequence of the destination Rule Line #.

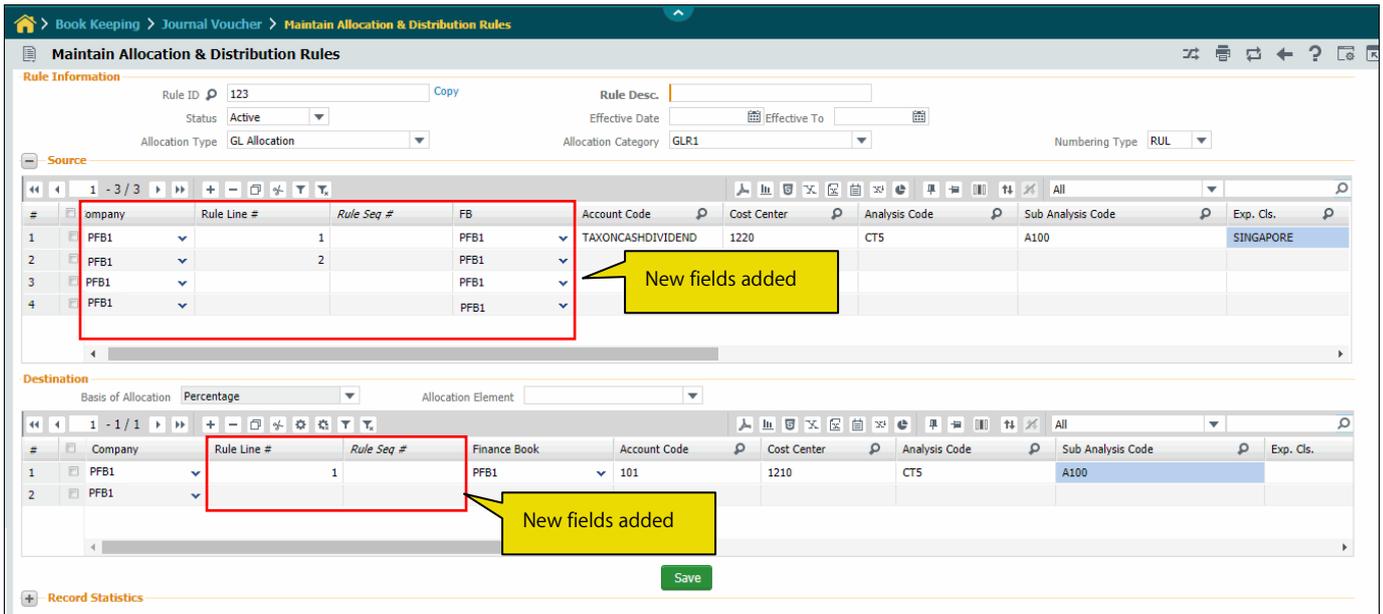


Note: The 'Rule Seq #' gets auto populated for a given Rule Line #. For Ex: For a given Rule line #: 1 with 2 lines, the Rule seq # gets updated as '1' and '2' respectively.



Existing validations for Account Code existence, Account Code – Cost Center, Account Code – Analysis Code, Analysis- Sub Analysis mapping will continue.

Exhibit 1: Identifies the Maintain Allocation & Distribution Rules screen



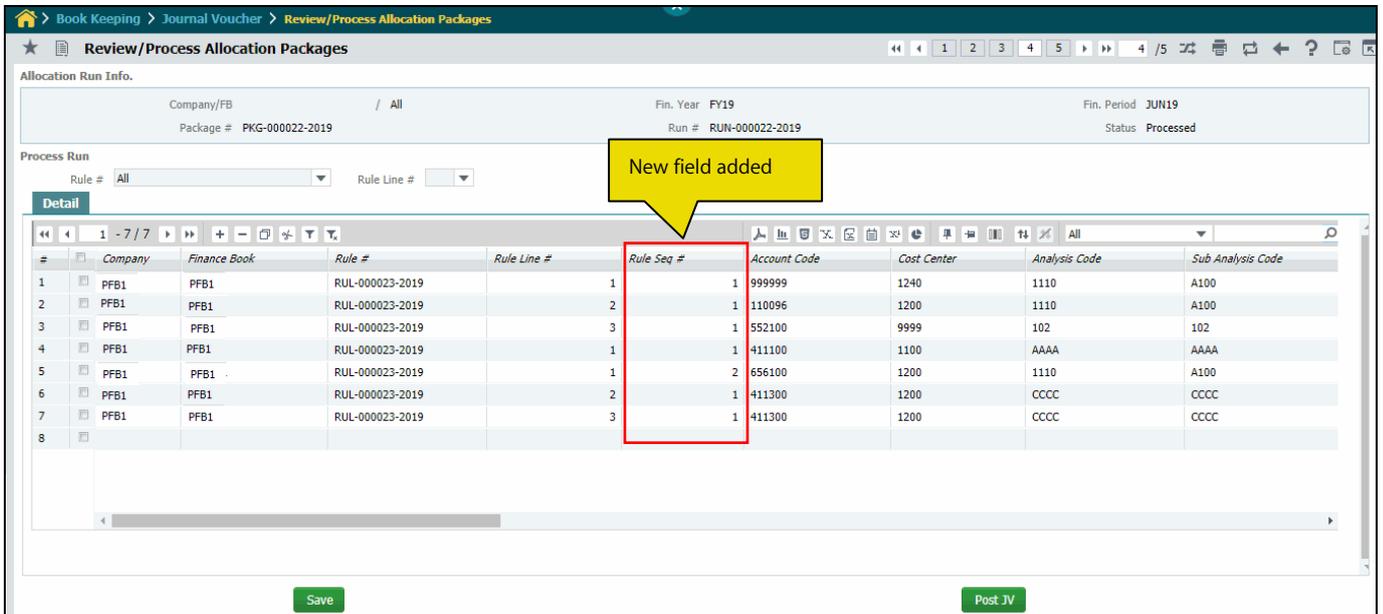
Review/Process Allocation Packages

The new field 'Rule Seq #' is added in the "Detail" multiline of the **Review/Process Allocation Packages** screen.

On click of 'Post JV' pushbutton, "Inter FB Journal Voucher" will get generated if Source and Destination FB are different and "Regular Journal Voucher" will get generated if both are same, specifically to each Rule # and Source FB combination.

Note: As per existing functionality, the Source and Destination Allocation can be reviewed and also modified before JV generation.

Exhibit 2: Identifies the Review/Process Allocation Packages screen



Ability to generate numbering information based on transaction date for Finance Transactions

Reference: APRP-105

Background

Numbering for all finance transactions is generated based on the Numbering Type i.e., Pattern that is active for the respective transaction (Prefix) as on the date of creation of the transaction (Suffix). Even in case of back dated transactions, system generates the numbering based on the date of creation and not the transaction date. Due to this, any year-end adjustment transactions created in the subsequent month gets created with a different year on the Suffix. Provision is required to number the finance transactions based on the transaction date instead of creation date, so that all the transactions pertaining to a year will have the same suffix.

Change Details

Set option has been introduced at business process level to decide the basis for generating document number i.e., Creation date or Transaction Date. If Transaction Date option is set, the numbering for all Finance Transactions will be generated based on transaction date which means back dated transactions and future dated transactions (wherever allowed) will follow the suffix of the respective transaction year/period.

OU Parameter Setup

Set Finance Process Parameters

The following process parameter is added under the parameter level 'Organization Unit Level', for Business Processes **Payables Management**, **Receivables Management**, **Fixed Assets Management** and **Book Keeping** and the category 'Document Numbering' in the **Set Finance Process Parameters** activity of the **OU Parameter Setup** business component.

Process Parameter	Permitted Value
Generate document number for Payables Management transactions based on	Enter '0' for Creation date and '1' for Transaction date
Generate document number for Receivables Management transactions based on	Enter '0' for Creation date and '1' for Transaction date
Generate document number for Fixed Assets Management transactions based on	Enter '0' for Creation date and '1' for Transaction date
Generate document number for Book Keeping transactions based on	Enter '0' for Creation date and '1' for Transaction date

If the option is set as 1, then the transaction date will be considered for generation of document number for each of the transactions in that Business Process. If the option is set as 0, then the existing functionality of document numbering based on creation date will be applicable.

Example:

If the Numbering Pattern for the Numbering Type **JV** (Regular Journal Voucher) is as below:

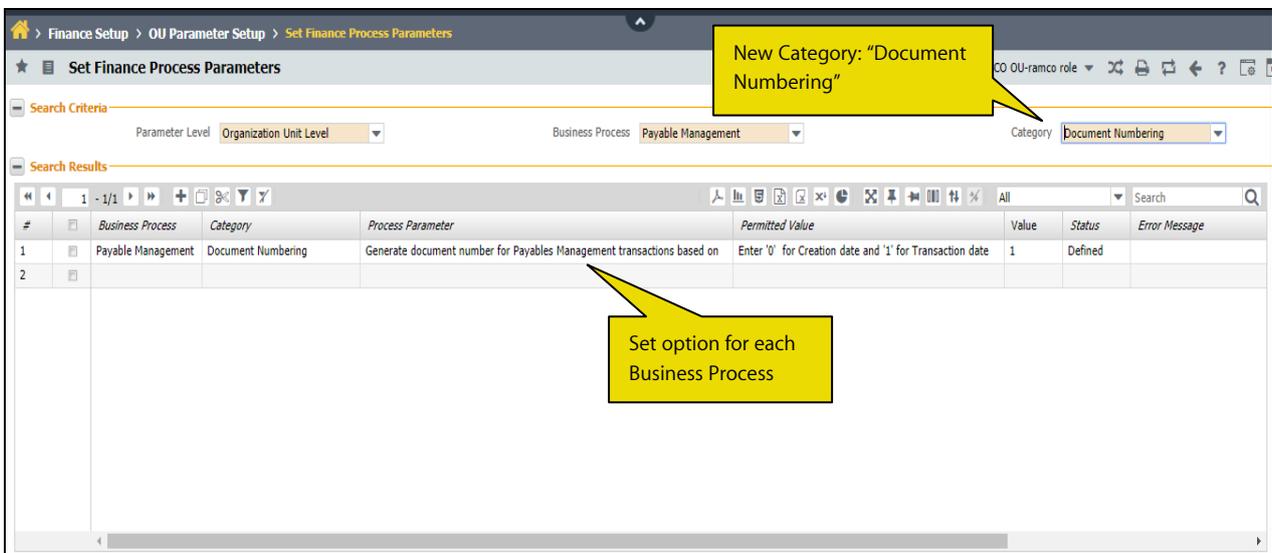
Prefix	Suffix	Effective From	Effective To
JV-	-2019	01-01-2019	31-12-2019
JV-	-2020	01-01-2020	31-12-2020
JV-	-2021	01-01-2021	31-12-2021

The Document Numbering based on transaction date would be as follows:

Transaction Date i.e., JV Date	Document Number Generated
29-12-2019	JV-000098-2019
02-01-2020	JV-000005-2020
05-01-2021	JV-000001-2021

- When the option is set as “Transaction Date”, the Numbering Pattern for that Numbering Type, which is in active status as on the date of transaction will be considered for the document number generation.
- This option is particularly helpful for year-end adjustment entries that are created with back date and when the Financial Year is Jan-Dec and the Numbering Pattern is defined with the respective year as Suffix, i.e., 2018, 2019, 2020 etc.,
- Only limitation is that once document number is generated, if the transaction date is modified/edited from the edit screen, the document number does not get modified according to the new transaction date.

Exhibit 1: Identifies the **Set Finance Process Parameters** screen



Ability to record Labour Accounting before task closure

Reference: APRP-773

Background

Labor Cost is computed and accounted against Packages (AMEs) / Work Order (SWOs) based on the Job rate (or) Skill rate defined in the master. In Addition, the Overhead recovery (Labor burden) is applied as a percentage on the labor costs. Currently Labour Cost in AME / SWO is accounted only on task Closure.

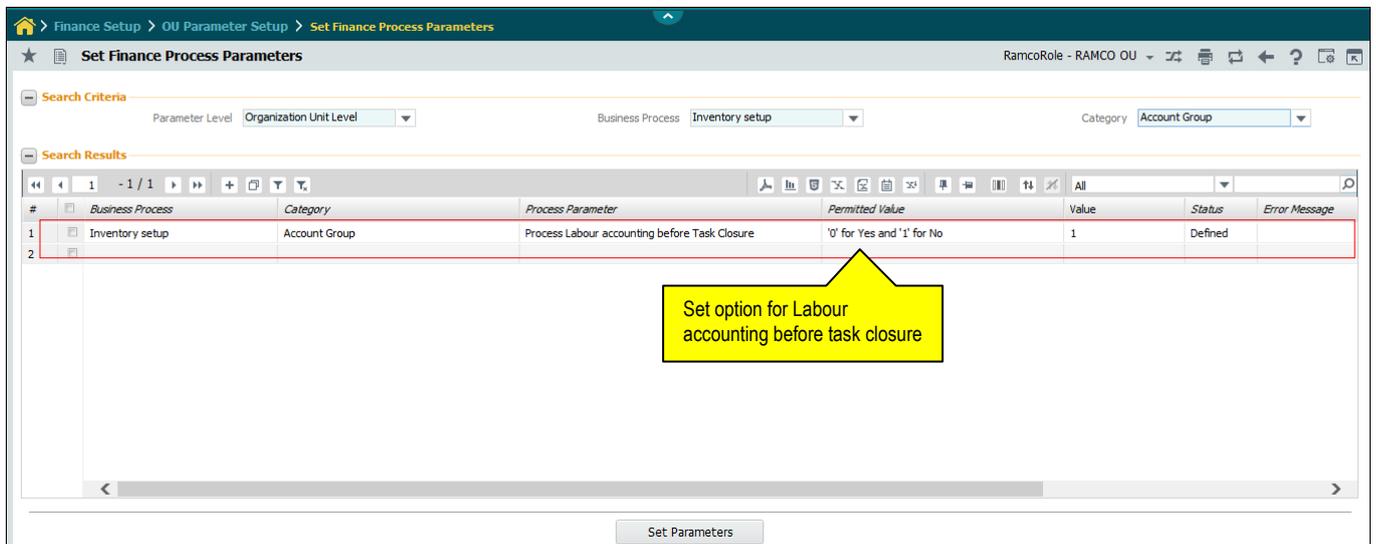
Provision is required to account Employee / Labour Cost in the books of accounts on authorization of time booking instead of task closure and enhance task closure to eliminate already considered timesheet records.

Change Details

- A new set option is introduced in **Set Finance Process Parameters** under Business Process: Inventory Setup and Category: Account Group to Process Labour Accounting before task closure.

Exhibit 1:

Set Finance Process Parameters activity in the OU Parameter Setup business component



Notes:

- A background routine can be configured at the required frequency to account the labour cost and labour overhead for authorized labour hours.
- Labour Cost (including overhead costs) computed on authorized timesheet records against In-progress jobs / tasks will be considered for accounting.
- Time sheet records accounted earlier will be flagged and will not be considered for accounting during closure of tasks/Work Order/ Package.

- On Task Closure, authorized time sheet records which are not already accounted will be identified and accounted.
- Time booking accounting will be recorded on timesheet date and not on authorization date.
For Ex: If a timesheet is recorded on 10th Dec 2018 and authorized on 1st Jan 2019 accounting will be recorded as on 10th Dec 2018.



Note : Only when the set option 'Authorization of Timesheet Records' is set as 'Required' the account postings for SWO and AME will get triggered based on the back ground routine.

When the above set option is set as 'Not Required' then auto authorized timesheet records will not form part of the back ground routine and postings will get triggered on task closure.

Ability to Manage Accounting for Part Sale Return

Reference: APRP-490

Background

Currently, facility is not available to record the details of parts returned against a sale done through Part Sale Order. Part Sales Return can now be recorded through General Return transaction. The requirement is to enable accounting for Part Sale Return.

Change Details

Part Sale Return can be recorded by specifying the Part Sale Order # with the details parts and its quantity, in the general return. On confirmation of Part Sales Return, the following Accounting entry will be posted for the reversal of cost of goods sold booked during issue of the Part for Part Sale.

Stock A/c Dr.

COGS A/c Cr. (which was posted during the Issue along with its CC and Analysis Codes)

Following set option has been added in the **Inventory Setup -> Account Group -> Set Option**, for managing the Material Burden to be applied for the Return.

Process Parameter	Material Overhead cost reversal for Part Sales Returns
Permitted Values	Enter '0' for Not Applicable '1' for Applicable

If the above set option is set as 'Not Applicable', overhead cost will not be reversed. If it is set as Applicable, overhead cost will also be reversed during confirmation of Material Return.



Note: The above option can be defined only if the existing option: "Overhead applicability for Material Cost" is set as "Applicable".

Exhibit 1: Identifies the **Set Option** screen

#	Process Parameter	Permitted Values	Value	Status	Error Message
32	Overhead applicability basis for Material Cost - Order Class	Enter '0' for Not Applicable '1' for Applicable	1	Defined	
33	Overhead applicability basis for Material Cost - Order Category	Enter '0' for Not Applicable '1' for Applicable	0	Defined	
34	Material Overhead cost reversal for Part Sales Returns	Enter '0' for Not Applicable '1' for Applicable			
35					

Ability to display Budget in Balance Sheet Report and enhance to report information for all Finance book with budget and forecast comparison

Reference: APRP-100

Background

In this enhancement, **Manage Consolidated financial statements** screen is enhanced to display Balance Sheet Report to report information for all Finance book with budget and forecast comparison. Budget and Actuals with Budget Details are displayed in the Balance Sheet.

Change Details

Reports - Book Keeping

Two new fields 'BS - Budget # (Adj. Actuals)' and 'Version #' are added in the "Report Criteria" section of the **Manage Consolidated Financial Statements** screen to retrieve the budget and Actuals with Budget Details in Balance Sheet.

Balance Sheet (Finance Book Level) with Budget / Budget (Adj. Actuals):

- A new Report to display balance sheet for all the Finance Books has been added.
- Budget values for the selected financial year for the given BS - Budget # - Version # are displayed after Actual data.
- Actual Data for the selected Financial Year from the start of the Financial Year for all the financial periods till the previous month of Report Date and Budget Data is displayed for the given BS - Budget # (Adj. Actuals) - Version # from Report Date.
- Budget Data and Budget (Adj. Actuals) are displayed for all the periods in the Financial Year, irrespective of the date selected.



Note: Values are taken from the specific period for the Budget values in Balance Sheet and not cumulative values.

Consolidated Balance Sheet including eliminations with Budget / Budget (Adj. Actuals):

- A new Report to display Consolidated Balance Sheet has been added.
- Budget values for the selected financial year for the given BS - Budget # - Version # are displayed after Actual data.
- Actual Data for the selected Financial Year from the start of the Financial Year for all the financial periods till the previous month of Report Date and Budget Data is displayed for the given BS - Budget # (Adj. Actuals) - Version # from Report Date.
- Budget Data and Budget (Adj. Actuals) are displayed for all the periods in the Financial Year, irrespective of the date selected.

Ability to extract Income Statement by Cost Center and to enable drilldown from Review Financial Statements

Reference: APRP-93

Background

Currently, **Review Financial Statement** screen enables the user to review the financial statements such as Trial Balance, Balance Sheet and Income Statements. This enhancement enables to review the Income Statement by Cost Center under Income Statement-MAC and enables drilldown from Review Financial Statements.

Change Details

Finance Book Processing

A new tab "Income Statement (MAC)" is enabled in the **Review Financial Statements** screen of the **Finance Book Processing** business component.

Based on the following filter criteria provided, the Income Statement (MAC) will be retrieved:

- 'Period Horizon' field lists all the active and open periods defined in the calendar in the 'to Period' field and the From Period field will be blank.
- 'CE Structure ID' field lists all the active Cost Element structures defined in the "Cost Setup" business component with element relationship level Cost Center.
- 'Schedules/Groups' field lists all the schedules/groups of the selected CE Structure ID.
- 'CC Structure ID' is an editable control in which an active Cost Center structure defined in the "Cost Setup" business component should be specified to retrieve income statement for the corresponding Cost Centers in the CC structure.

Based on the 'To Period' selected, the columns will be populated with all the Cost Centers (with "CC_" as prefix to denote that it is a cost center) defined in the selected CC structure ID including group Cost Centers. Cost Elements will be displayed vertically. The values will be displayed for the selected to period (i.e. the value of a CC against a Cost element will be displayed for a single period). Drilldown to the transaction details through 'Account Inquiry' screen is enabled by way of click on the values under a detailed Cost Center and against a Cost Element row.



Note: Only when Cost Element is same as the Account Code, the 'Account Inquiry' drilldown will be enabled on click of the 'Cost Element' link.



Exhibit 1: Identifies the Review Financial Statements screen

Home > Book Keeping > Finance Book Processing > Review Financial Statements

Review Financial Statements

Trial Balance | Balance Sheet | Income Statement | **Income Statement (MAC)** | Adhoc

Company: PFB1 | Finance Book: PFB1 | Period Horizon: 01Jan19-31Dec19 | 01Jan19 | 31Jan19
 CE Structure ID: CEReg-01 | Schedules/ Groups: Income statements | CC Structure ID: CCINCST-01

+ Additional Display Option

Show Details

EJS TreeGrid 10.1

Description	CC_1430	CC_1440	CC_1500	CC_1510	CC_1100	CC_1200	CC_1210	CC_1220	CC_1230	CC_1240	CC_1300
Wages	-2643.13	-2751.87	-3525.10	36694.10	-8621.05	-13854.38	-7329.00	3678.00	-1989.12	-2097.88	-3004.50
730600	-1473.00	-1537.00	-1601.00	-1665.00	-46.60	-897.00	-961.00	-1025.00	-1089.00	-1153.00	-1217.00
999999	-1170.13	-1214.87	-1924.10	38359.10	-8574.45	-12957.38	-6368.00	4703.00	-900.12	-944.88	-1787.50
Materials	5103.76	3141.24	4370.13	3877.87	5314.81	-369.81	9974.45	-4369.45	8608.00	-2343.00	3380.12
656100	2470.00	2580.00	2690.00	2143.00	1370.00	1480.00	1590.00	1700.00	1810.00	1920.00	2030.00
710100	2633.76	561.24	1680.13	1734.87	3944.81	-1849.81	8384.45	-6069.45	6798.00	-4263.00	1350.12
Expenses	3535.81	-2313.81	7865.45	-6643.45	1900.05	-578.05	1338.09	-116.09	2816.00	-1594.00	611.18
636000	3535.81	-2313.81	7865.45	-6643.45	1900.05	-578.05	1338.09	-116.09	2816.00	-1594.00	611.18
Direct Total	11992.88	-3848.88	17420.96	67857.04	-2812.38	-29604.48	7967.08	-1615.08	18869.76	-12069.76	1973.60
Indirect Expenses	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Ind Wages	4404.00	4585.00	4766.00	4947.00	2560.00	2775.00	2956.00	3137.00	3318.00	3499.00	3680.00
513100	1900.00	1978.00	2056.00	2134.00	1120.00	1198.00	1276.00	1354.00	1432.00	1510.00	1588.00

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