RAMCO AVIATION SOLUTION

ENHANCEMENT NOTIFICATION

Version 5.8.1

Finance

ramco

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WHAT'S NEW IN PAYABLES MANAGEMENT?

Ability to Specify Value Based Tolerance for matching

Reference: AHBG-6037

Background

The Invoice matching tolerances are set to trap the exceptions in Invoice rate/value between Order & Invoice beyond a certain tolerance percentage. This is given at two levels: Auto-Match and Force Match Tolerance, which set a cap for invoice rate/value variance. Further, the cap for invoice rate/value variance can also be set for both negative and positive variance. However, currently, invoice variance tolerance is allowed only as a percentage and cannot be set in terms of value. The requirement is to enable definition of tolerance for invoice variances in value in addition to percentage based tolerance.

This enhancement brings another dimension in managing supplier order based invoice variances by specifying tolerance in **VALUE** (to be provided in base currency) for the invoice amount which is based on a parameter defined in **Set Finance Process Parameters** (Payables Management→ Supplier Order Based Invoice). (See exhibit: 1). Now, the enhancement allows the user to set the tolerance in VALUE for invoice amount in conjunction with the existing functionality of percentage based invoice tolerance.

Change Details

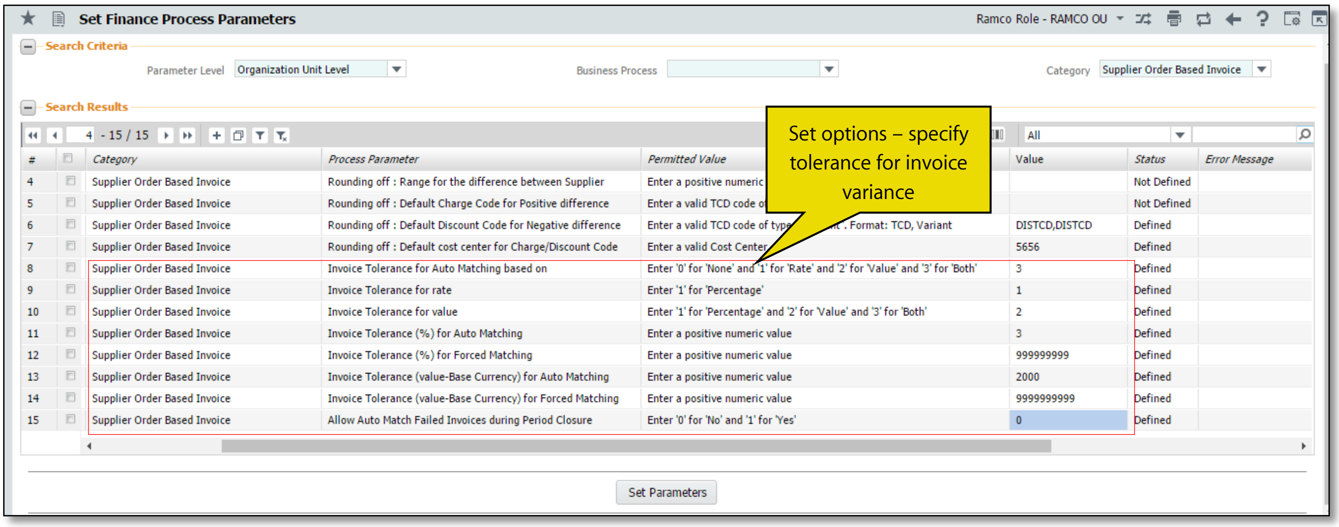
1. This enhancement allows the user to set the tolerance limit in **VALUE** for invoice amount along with existing percentage based set options. Following table shows the possible combinations of tolerance for Invoice Variance:

Sl. No.	Tolerance-1	Tolerance-2	Remarks
1.	Rate %	NA	% tolerance on Rate
2.	Value %	NA	% tolerance on Value
3.	Value- Value	NA	Value tolerance on Value
4.	Rate %	Value-Value	% tolerance on Rate & Value tolerance on value
5.	Value %	Value-Value	% tolerance on Value & Value tolerance on value

2. The existing set options governing tolerance limits for **Supplier Order Based Invoice** have been moved from the **Set Functions Defaults** activity to the **Set Finance Process Parameters** activity as mentioned below:

Process Parameter	Permitted Value	Values
Invoice Tolerance for Auto Matching based on	Enter '0' for 'None' and '1' for 'Rate' and '2' for 'Value' and '3' for 'Both'	
Invoice Tolerance for rate	Enter '1' for 'Percentage'	
Invoice Tolerance for value	Enter '1' for 'Percentage' and '2' for 'Value' and '3' for 'Both'	
Invoice Tolerance (%) for Auto Matching	Enter a positive numeric value	
Invoice Tolerance (%) for Forced Matching	Enter a positive numeric value	
Invoice Tolerance (value-Base Currency) for Auto Matching	Enter a positive numeric value	
Invoice Tolerance (value-Base Currency) for Forced Matching	Enter a positive numeric value	
Allow Auto Match Failed Invoices during Period Closure	Enter '0' for 'No' and '1' for 'Yes'	

Exhibit 1: Set Finance Process Parameters



3. New controls have been added as part of this enhancement in the **Match Invoice** Screen (see Exhibit: 2) and in the **View Invoice** Screen (see Exhibit: 3) to enlighten the user to know the causes of mismatch in the invoice namely Tolerance Failure, Buyer (name of the buyer who created the order document) and to specify any remarks - Matching Remarks (as a column in the multiline) and Remarks (as a control in the header). Illustration 1 & 2 brings out the examples with value based tolerance.

Exhibit 2: Match Invoice

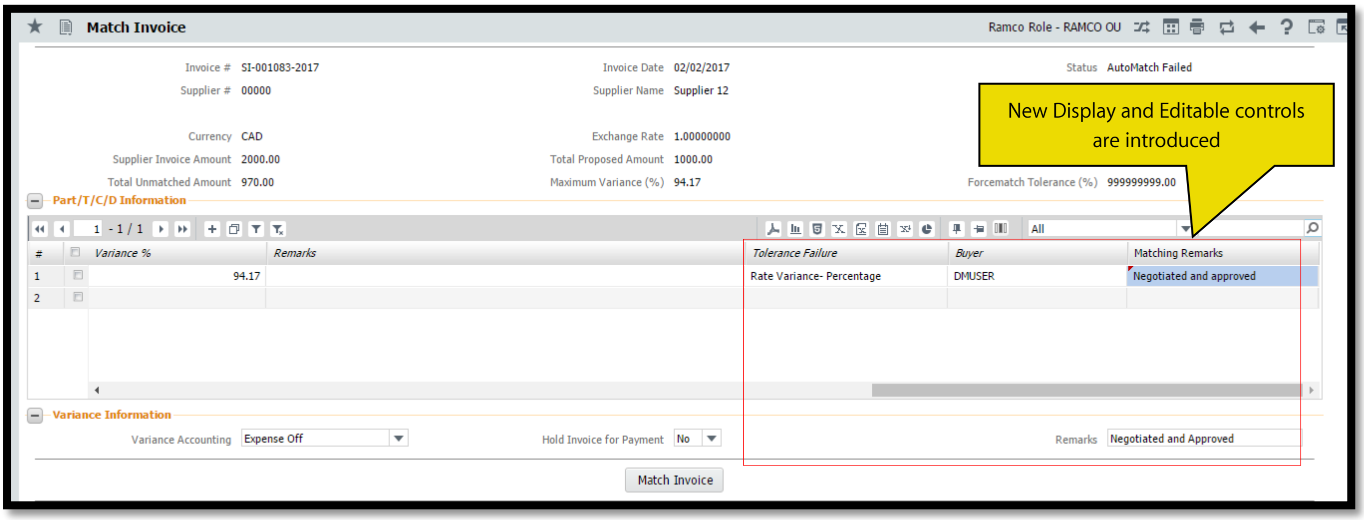
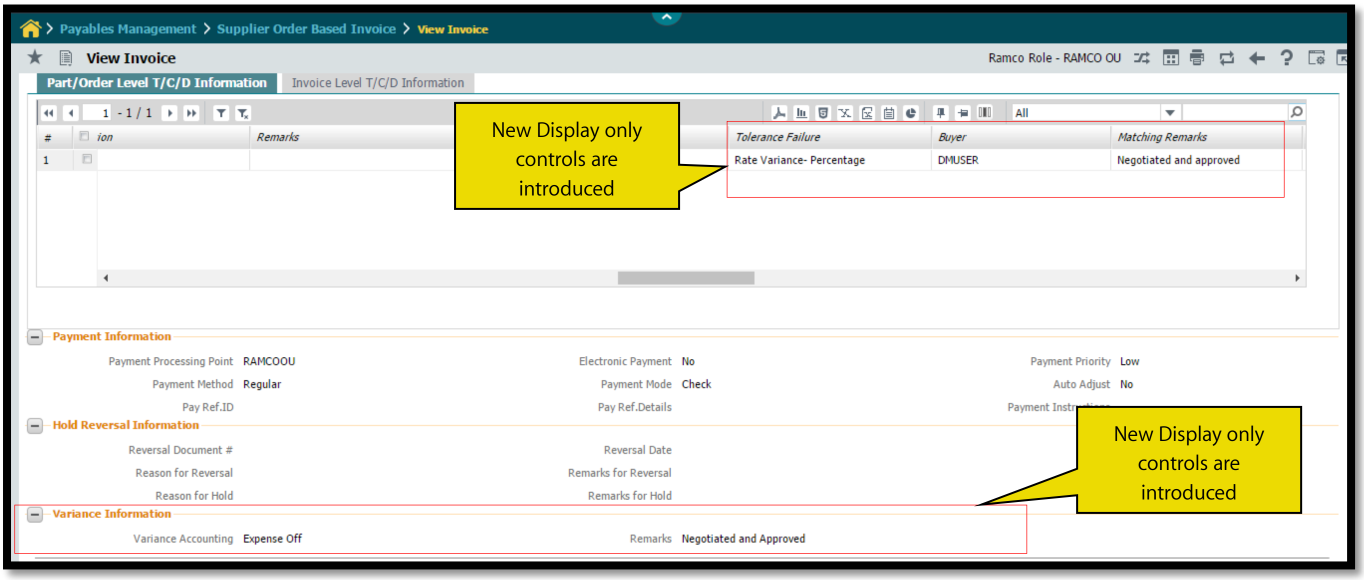


Exhibit 3: View Invoice



4. **Illustration:-1 (Invoice in Base Currency)**

When Set option for Invoice Tolerance is Rate- Percentage and Value-Value is as follows:

Tolerance	(%) on Rate	Value $
Auto Match	8%	$ 10
Force Match	15%	$ 100

Maintain Invoice – Auto Match Failed

Quantity	Invoice rate	Invoice Amount	Proposed Quantity	Proposed rate	Proposed Amount
5	106	530	5	100	500

Calculation of Variance Amount in Match Invoice

Particulars	Rate Variance	Value Variance	Remarks
Variance	NIL	20 (530-510)	'Value Variance- Value'- This value shall be displayed in *Tolerance Failure* Column
Maximum of above	20		$20 shall be displayed in *Variance Amount* column of Match & View Invoice Screen

Match Invoice

Particulars	Rate Variance (A)	Value Variance (B)	Max of (A) and (B) shall be considered	Tolerance Failure
Variance Amount	0	20	**20**	Value Variance- Value
Variance (%)	NA	3.92	**3.92**	

5. **Illustration 2:- (Invoice in Foreign Currency)**

When Set option for Invoice Tolerance is Value- Value

Tolerance	(%) on Value	Value (in Pound)	Exchange Rate	Value (in USD)
Auto Match	Not Set	20	0.840336134	16.81
Forced Match	Not Set	30	0.840336134	25.21

Maintain Invoice – Auto Match failed

Quantity	Invoice rate ($)	Invoice Amount ($)	Proposed Quantity	Proposed rate ($)	Proposed Amount ($)
1	118	118	1	100	100

Particulars	Value $	Tolerance Failure
Variance Amount	**1.19** (118-116.81)	Value Variance- Value
Variance (%)	**1.02** [(1.19/116.81)*100]	

Ability to automate Supplier Invoicing function integrating with OCR system

Reference: AHBG-7809

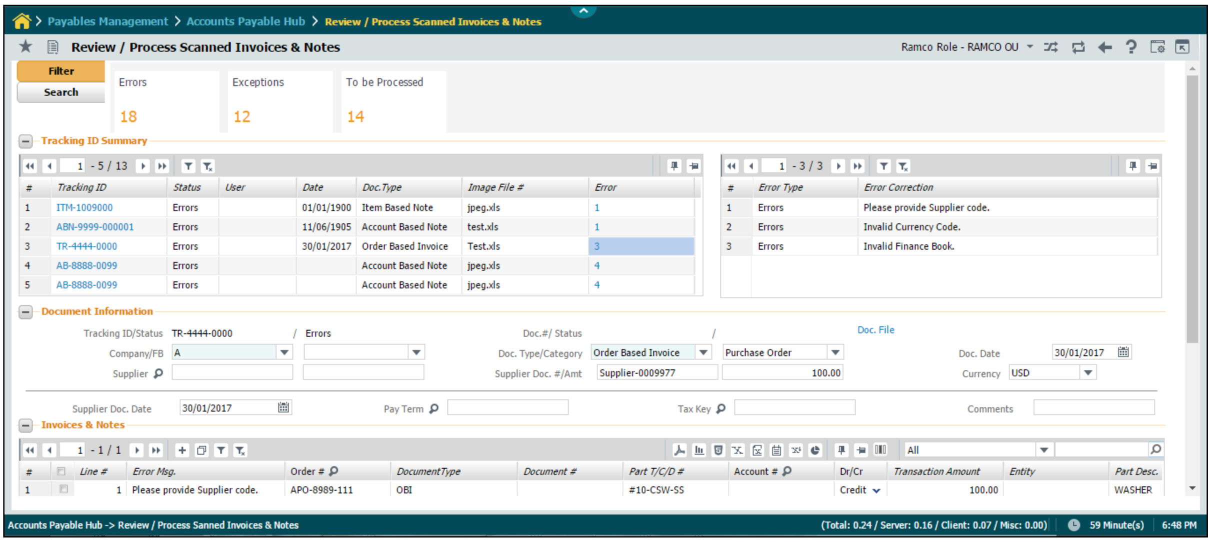
Background

OCR (Optical Character Recognition) is a technology that involves scanning of text characters by character, analysis of scanned-in image and translation of Character image into character codes commonly used in data processing. Currently, there is no provision in the application to automate invoicing function by integrating with the OCR system. This enhancement aims to integrate the Ramco Supplier Invoicing function with the OCR system to generate Order Based Invoices, Direct Invoices and Notes based on the feed from the third party OCR system.

Change Details

- A new activity **Review / Process Scanned Invoices & Notes** introduced in the **Accounts Payable Hub** Component (refer Exhibit 1 & 2).
- This screen helps in reviewing and rectifying the errors and exceptions encountered in the data fed from OCR system by scanning of the Invoices.
- A new 'Interface & Validation' rule engine is introduced to interpret, validate & process the data feed (in the prescribed format) from the OCR system.
- This rule engine will process the data feed against each of the invoices with a unique ID (Tracking ID) by
    - Validating the availability of the mandatory information and classifying those as "Errors".
    - Validating the existence and the correctness of the information by cross checking with the respective master / transactions and classifying those as "Exceptions".
    - Initiating the invoice generation process for error and exception free documents for the respective document types i.e. Order Based Invoice, Expense Invoice, Account Based Debit Note, Account Based Credit Note, Item Based Debit Note and Item Based Credit Note.

Exhibit 1: The **Review/ Process Scanned Invoices & Notes** screen

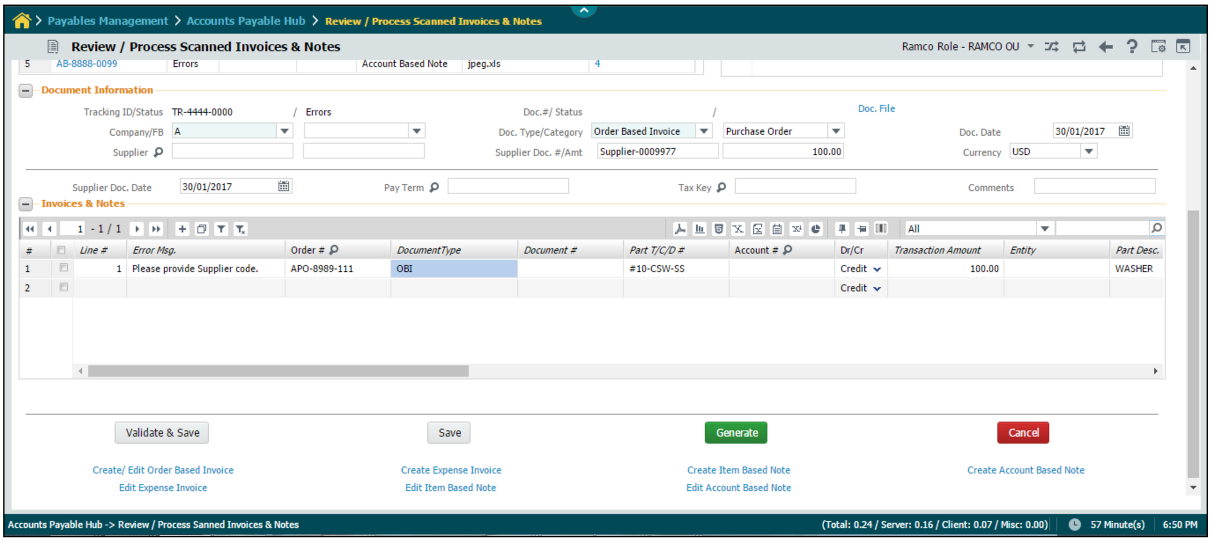


- The **Review / Process Scanned Invoices & Notes** activity has two search sections at the header: 'Filter' and 'Search'.

- The filter section has three cards with counts of documents on it – 'Errors', "Exceptions' and 'To be Processed'. If a 'Tracking Id' has an 'Error', it will be classified under the Error card. 'Tracking Ids' with exceptions alone will be classified under the 'Exceptions', and 'Tracking Id' which are cleared for errors and exceptions will be classified under 'To be Processed'.

- On click of the cards, the data will get populated in the Tracking ID multiline, with its status and count of errors. On click of error count hyperlink, the error information will get populated in the adjacent multiline describing the 'Error Type' and 'Error Correction'.

Exhibit 2: The **Review/ Process Scanned Invoices & Notes** activity **(Invoices & Notes multiline)**



- On click of Tracking ID hyperlink in the Tracking ID multiline, the header level information will get populated in 'Document Information' and line level information will be populated in the 'Invoices & Notes' section.

- The Search section consists of the following controls to perform an advanced search
    - Tracking ID/Status
    - Company/FB
    - Data Based on
    - Doc. Type /Status
    - Supplier
    - User ID

- On click of 'Validate & Save' button document information will be validated for correctness and saved.
- On click of Save, the modified data will get saved. Validation will not be triggered.
- On click of Generate, the invoice will get generated if the status of the Tracking ID is "To be Processed".
- On click of Cancel, the status of the Tracking Id will get updated as 'Cancelled' and the invoice should be either recorded manually or scanned again for a new Tracking ID.

Exhibit 3: Set Finance Process Parameters: Payables Management→ Accounts Payable Hub

Process Parameter	Permitted Value
OCR: Analysis Code for Supplier debit / credit notes	Enter a valid Analysis Code as defined in the Account Based Budget Component
OCR: Default Cost Center for Supplier Debit /Credit notes	Enter a valid Cost Center as defined in the Cost Setup Component
OCR: Default Usage ID for Supplier Debit/ Credit notes	Enter a valid User defined Usage ID defined in Additional Account Definition Component
OCR: Analysis Code for Supplier Direct Invoice	Enter a valid Analysis Code as defined in the Account Based Budget Component
OCR: Default Cost Center for Supplier Direct Invoice	Enter a valid Cost Center as defined in the Cost Setup Component
OCR: Default Usage ID for Supplier Direct Invoice	Enter a valid User defined Usage ID defined in Additional Account Definition Component
OCR: Default Currency for Supplier Order Based Invoice	Enter '1' for Invoice Currency, '2' Base Currency, '3' for Order Currency
OCR: Default Currency for Supplier Direct Invoice	Enter '1' for Invoice Currency and '2' for Base Currency
OCR: Generate Supplier Order Based Invoice in Authorized status for matched Invoices.	Enter '0' for 'No' and '1' for 'Yes'

- Based on the default 'Usage ID', 'Cost center' and 'Analysis Code' set in Set Finance Process Parameter, the Supplier Direct Invoice and Supplier Debit / Credit notes will be generated with the same.
- The default Currency can be set for the generation of Supplier Order Based Invoice and Supplier Direct Invoice.
  - For Supplier Order Based Invoice – '1' is set for Invoice Currency (for Supplier's Invoice Currency), '2' is set for Base Currency and '3' for 'Order Currency'.
  - For Supplier Direct Invoice - '1' is set for Invoice Currency (for Supplier's Invoice Currency) and '2' set for Base Currency.
- If Auto Authorization option is set as 'Yes' for Supplier order Based Invoice then the error free invoice will get automatically generated in 'Authorized' status. If this option is set as no, the invoice would be generated in the Matched status

Note: This feature involves commercials and is not available for all customers. Please contact your Ramco Account Manager.

Ability to enable workflow in AP Invoicing Hub with an ability to reroute

Reference: AHBG-8289

Background

The **Accounts Payable Hub** serves as a single dashboard for all the payable documents (Order Invoice/ Direct Invoice/ Supplier Debit / Credit Notes) and performs various tasks pertaining to the documents (Authorize / Match / Return / Delete / Reverse / Hold / Release). Currently, the AP HUB serves as the dashboard for the AP user to track the Invoices / Notes, follow-up for authorization and track their day-to-day operations. The requirement is to enable workflow in AP HUB and enhance the same for usage by the authorizer.

Change Details

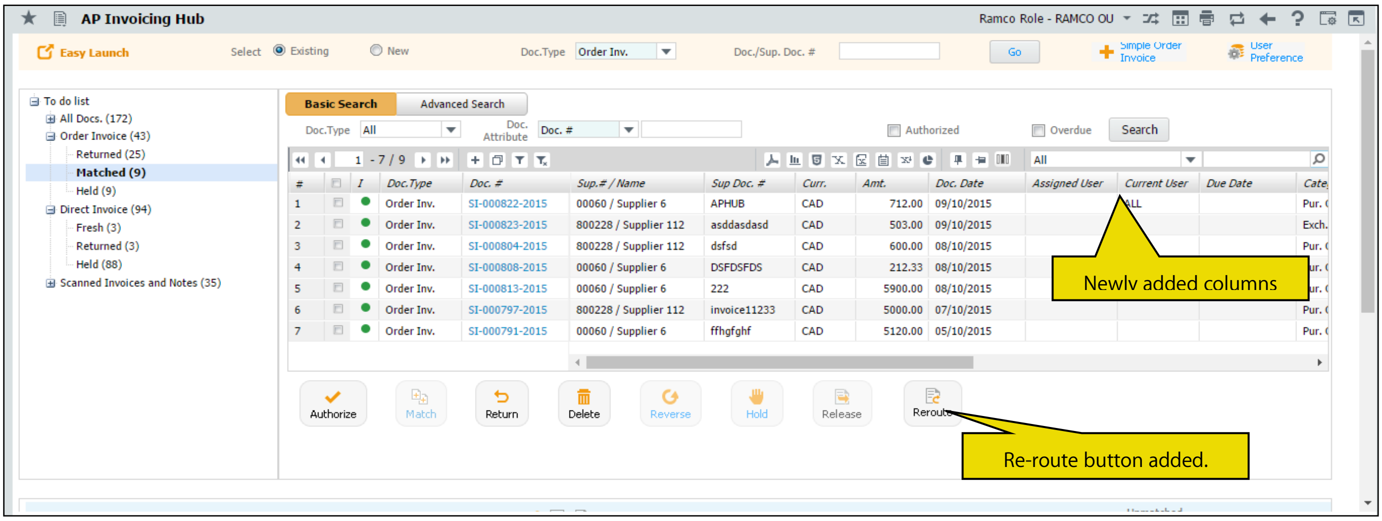
- ✓ AP Hub is enhanced with the two different contexts:
  - o AP user context
  - o Authorizer context

  AP user context gets access to all the documents (Invoices & Notes) for follow up and authorization of the same.

  Authorizer context gets access to only the documents which are pending with the login user for authorization.
- ✓ Two new additional columns 'Assigned User' (user name if available from OCR) and 'Current User' (the current user with whom the document is pending for authorization) is added in the 'Bulk Invoice Processing' section.
- ✓ Re-route action button is added to re–route the documents for authorization in both bulk invoicing and single invoicing processing section. (Re-route screen will launch only if the login user has access to that screen).
- ✓ A new node for 'Scanned Invoices & Notes' is added with child nodes 'Errors', Exceptions' and 'To be processed', to provide visibility to the documents pending in various stages as part of the OCR scanning.

Exhibit 1:

AP Invoicing Hub with new action button for re-routing



Ability to enable workflow for authorization of documents

Reference: AHBG-9506, AHBG-9711, AHBG-9969, AHBG-9785

Background

This enhancement notification brings the details of components for which workflow is enabled under Payables Management Business Process. The requirement is to enable workflow for select Payables Management transactions for authorization and release of such documents, with the provision of multi-level and parallel authorization.

Change Details

Workflow has been introduced in the following transactions for authorization. In the **Authorize** screen of the respective documents, on click of 'Search', the documents are retrieved for authorization only if the document is pending for authorization with the login User.

Similarly, for documents which are in 'Held' status, for releasing, on click of 'Search', the documents are to be retrieved for release, only if the document is pending for release with the login User.

Document	Authorization	Hold/ Release
Supplier Order Based Invoice	Yes	Yes
Supplier Expense Invoice	Yes	Yes
Supplier Item Invoice	Yes	Yes
Supplier Account Based Note	Yes	Yes
Supplier Item Based Note	Yes	Yes
Supplier Regular Pay Batch	Yes	NA
Supplier Prepayment Voucher	Yes	Yes
Sundry Payment	Yes	Yes

Parameters available for configuring workflow

Following are the Parameters which can be used for configuring workflow and for enabling notification messages:

Supplier Expense Invoice and Item Invoice

Parameter Description
Anchor Date
Comments
Created Date
Created By
Currency
Electronic Payment
Exchange rate
Expense Category
Finance Book
Invoice Date

Invoice Number
Last Modified By
Last Modified Date
payment Instruction
Payment Method
Payment Priority
Payment mode
Payment Processing Point
Payment Reference Details
Pay Ref Id
Payment Term
Pay To Supplier Name
Pay To Supplier Number
Status
Supplier Invoice Amount
Supplier Invoice Date
Supplier Invoice Number
Supplier Name
Supplier Number
Total Invoice Amount

Supplier Order Based Invoice

Parameter Description
Anchor Date
Created by
Currency
Finance Book
Invoice amount
Invoice date
Invoice #
Invoice Status
Invoice Category
Numbering Type
OU Id
Pay To Supplier Name
Pay To Supplier #
Decision Pending with Buyer
Sup. Inv. Amount
Supplier invoice date
Supplier Invoice #
Supplier Name
Supplier #
Total Invoice Amount
Total Proposed Amount

Sundry Payment Voucher

Parameter Description
Bank Cash code
Created by
Finance Book
Instrument Date
Numbering Type
Payment amount
Pay Currency
Payee
Payment Category
Payment Mode
Priority
Receipt Amount
Request Date
Status
Transaction bank code
Transferee
Voucher No

Supplier Prepayment Voucher

Parameter Description
Bank Cash code
Bank Currency
Created by
Created Date
Finance Book
Numbering Type
Pay Amount
Pay Currency
Pay Date
Payment Mode
Pay Route
Priority
Request Date
Status
Supplier Document Date
Supplier No
Voucher Category
Voucher No

Supplier Regular Pay Batch

Parameter Description
Amount
Bank Cash Code
Bank Currency
Created By
Created Date
Credit Document Type
Discount Date To
Doc currency code
Due Date
Finance Book
Pay Batch
Pay Currency
Pay Date
Pay Group Number
Payment Route
Pay Mode
Pay To Supplier
Priority
Request Date
Status
Supplier Code
Supplier Group From

Supplier Debit/Credit Note

Parameter Description
Anchor Date
Comments
Currency
Electronic Payment
Exchange Rate
Finance Book
Note Date
Note #
Note Type
Payment Instructions
Payment Method
Payment Mode
Payment Priority
Payment Processing Point
Pay Ref. Details
Pay Ref. Id
Pay Term
Status
Supplier Name
Supplier Note Amount
Supplier Note Date
Supplier Note #
Supplier #
Supplier Registered At
Tax
Total Amount
Usage ID

Note: This feature involves commercials and is not available for all customers. Please contact your Ramco Account Manager.

Ability to record tax information in Sundry Payment

Reference: AHBG-6483

Background

Sundry Payment is used to make one-time payments or payments for which a previous liability does not exist. Payments of miscellaneous expenses, one time charges etc., are typical examples of sundry payments. Currently, the application allows making the sundry payment excluding tax. Provision was required to record taxes in the sundry payment voucher and to enhance the tax reports to include the taxes added in the sundry payment voucher.

Change Details

- A new activity **Maintain Sundry Payment Voucher** (Refer Exhibit 1) is introduced in **Sundry Payment** business component. This new screen will replace the functionality of Create, Edit and Authorize screens.
- **Maintain Sundry Payment Voucher** screen is enhanced with **Tax information** tab to record taxes while making sundry Payments.
- The Payee related details are moved to the **Payee Information** tab.
- Only TCD of type tax can be recorded in **Sundry Payment Voucher** screen. Charges and Discounts cannot be added.
- The **Maintain Sundry Payment Voucher** screen launched through View select page will launch the **Maintain Sundry Payment Voucher** screen without any action buttons in it.
- The **Maintain Sundry Payment Voucher** screen invoked from Select page of **View Voucher** activity, will be launched without any action buttons in it.
- Tax Currency cannot be other than voucher currency (line currency) or base currency in tax information tab.
- Only Tax Codes applicable for Purchase transactions can be specified.
- Taxable Amount can be modified based on the set option introduced in **Set Finance Process Parameters** (see exhibit 2).
- Both taxes of Payable in nature (e.g. VAT) and withholding in nature (e.g. WHT) are allowed for recording tax in Sundry Payment.

Exhibit 1: Maintain Sundry Payment Voucher

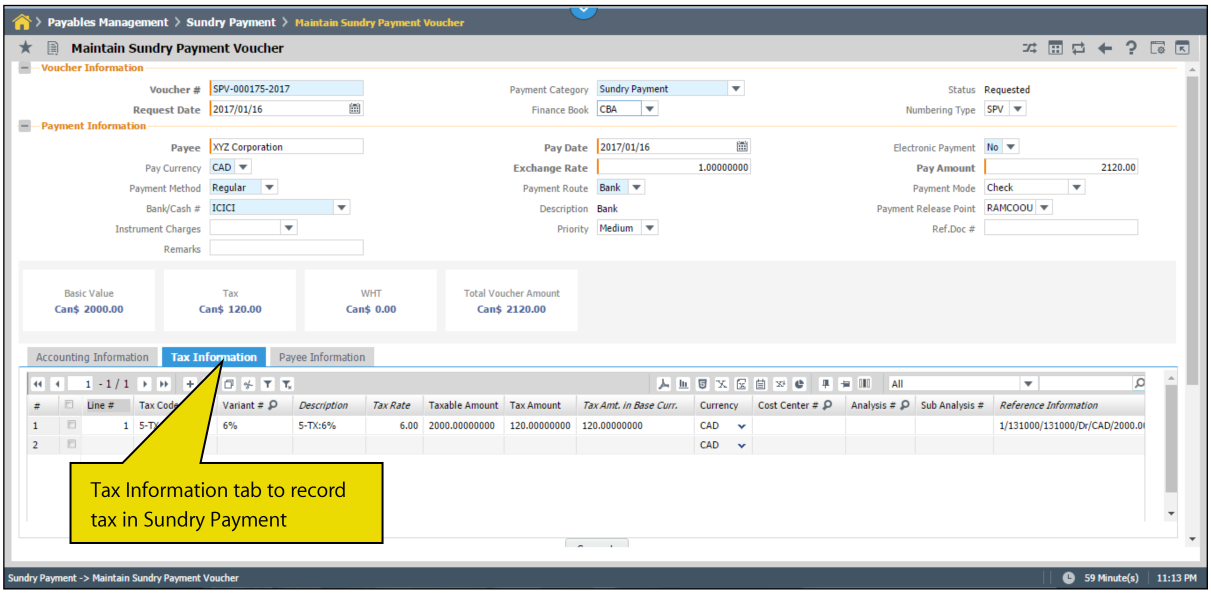
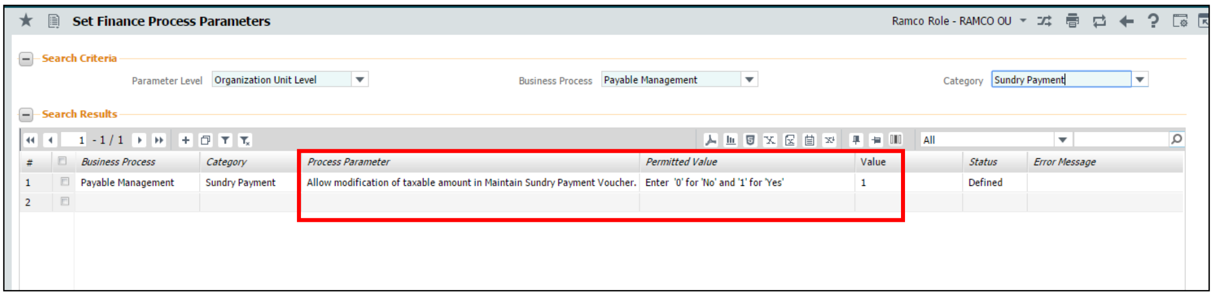


Exhibit 2: Set Finance Process Parameter



Ability to record tax in Recurring Voucher Template

Reference: AHBG-6483

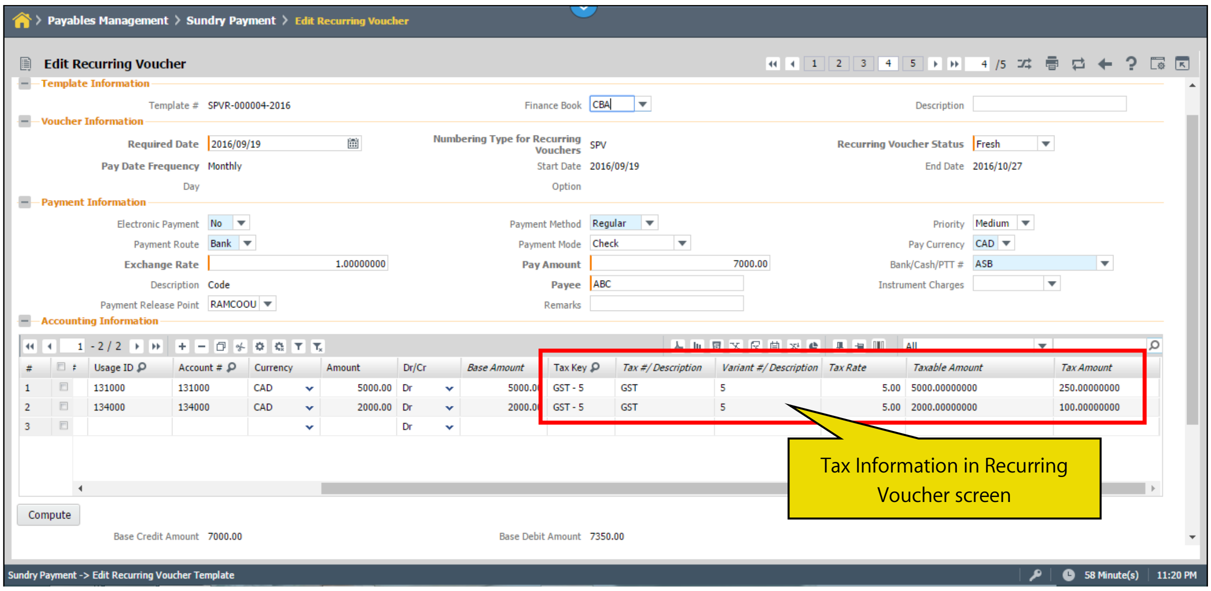
Background

The **Recurring Voucher** Template (see exhibit 3) is used to raise sundry payment vouchers to payees on a periodical basis. This template holds all common details pertaining to the voucher. Based on the pay date frequency selected, the sundry payment vouchers get generated. Currently there is no provision in **Recurring Voucher Template** to record taxes. The requirement is to enable recording of taxes in the **Recurring voucher** template.

Change Details

- Tax Key is introduced in Accounting Information multiline along with Tax #/ Description, Variant #/ Description, Tax Rate, Taxable Amount and Tax Amount.
- The above change is done in Create, Edit and View Recurring Voucher Template.

Exhibit 3: Recurring Voucher Template



Tax report impacted due to Sundry Payment

- Report on Tax Transactions – General

The sundry payment vouchers will additionally be listed in the report on Tax Transactions.

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Transaction Details

Company	Aviation Services Inc.	**Financial Year**	01 Jan 2017 - 31 Dec 2017
Finance Book		**Financial Period**	01 Feb 2017 - 28 Feb 2017
Currency	CAD		

Transaction Category	Transaction Type	Account Code	Document Date	Document #	Trading Partner #/ Name	Supplier Invoice #	TCD Code / Variant	Tax Key	Taxable On	Taxable Amount	Tax Amount (Dr)	Tax Amount (Cr)	Tax Category	Tax Class	Posting Doc #
Purchase	Sundry Payment Voucher	TCDTX5	02/02/2017	SPV-000228-2017			5-TX / 6%	5-TX-6%	Line	1446.50	86.79	0.00	Std. Rated Purchases	TX-Taxable Supplies	
Purchase	Sundry Payment Voucher	TCDTX5	03/02/2017	SPV-000229-2017			5-TX / 6%	5-TX-6%	Document	1446.50	86.79	0.00	Std. Rated Purchases	TX-Taxable Supplies	

WHAT'S NEW IN APPROVE ANYWHERE?

Ability to manage Invoice Authorization using iPhone

Reference: AHBG-1747

Background

Operational efficiency is one of the key parameters that decide an organization's performance. Operational efficiency is high when the time taken for processing documents in the organization is less. Quick processing of the transaction documents can be ensured, if supported by varied devices located at multiple locations. With the emergence of Smart phones, business software vendors have started developing various applications to improve the operational efficiency of an organization.

Ramco has already jumped into the mobile front and has delivered applications like Warehouse Anywhere, Mechanic Anywhere, Fly Anywhere and so on to improve the operational efficiency in Inventory, Work Centers and Flights respectively. Added to this, the **Approve Anywhere** application is a boon to the senior management personnel who are responsible for approval of various documents. The Approve Anywhere application reduces the dependencies on desktop application and ensures uninterrupted processing for the Authorizers. The Approve Anywhere application ensures optimized performance, improved processing, and greater agility thus delivering exponential productivity gains and is an incremental business value to the customer.

Change Details

The Approve Anywhere application provides the capability to authorize, release or return the following documents.

- Order Based Invoice
- Delivery Charges Invoice
- Direct Invoice
- Notes

This application is well integrated with the Ramco desktop application, therefore all the work done in this application can also be viewed using the desktop application and vice versa.

Approve Anywhere Application Pre-Requisites

The **Approve Anywhere** application requires the following recommended requirements for optimal user experience:

1. iPhone 5 or later.
2. iOS 9 or later.
3. Constant network connectivity via Wi-Fi or 3G/4G.
4. 100 MB or more free space.

Note: Your carrier might charge you extra for data roaming if 3G/4G mobile data is used. When available, always prefer Wi-Fi connectivity over Mobile Data.

Installation Guide

The **Approve Anywhere** application is be available to install from the enterprise store and not from the Apple App Store. To access the enterprise store, contact your IT Admin team to get the URL of the host server. Now follow the below steps on the iPhone.

1. Ensure the device is connected to Wi-Fi or Mobile Data.
2. Open Safari.
3. Type in the URL provided in the Address bar and click GO.
4. On the Enterprise store listing, select the 'Approve Anywhere' app.
5. Click 'Install' on the popup to allow installation on the device.
6. Quit Safari.
7. Wait for the app installation to complete.
8. Tap on the App icon.
9. If Untrusted App Developer popup shows up, click on 'Trust'.
10. Quit the App.

Application Configuration

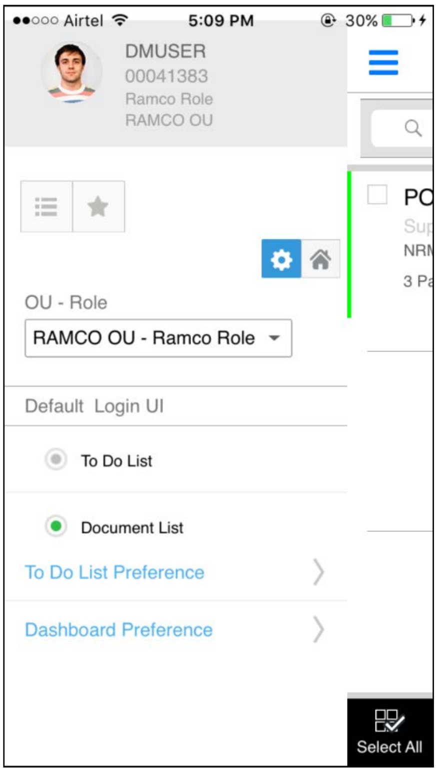
In order for the application to work seamlessly, there needs to be some configuration done for the **Approve Anywhere** application, which is discussed below.

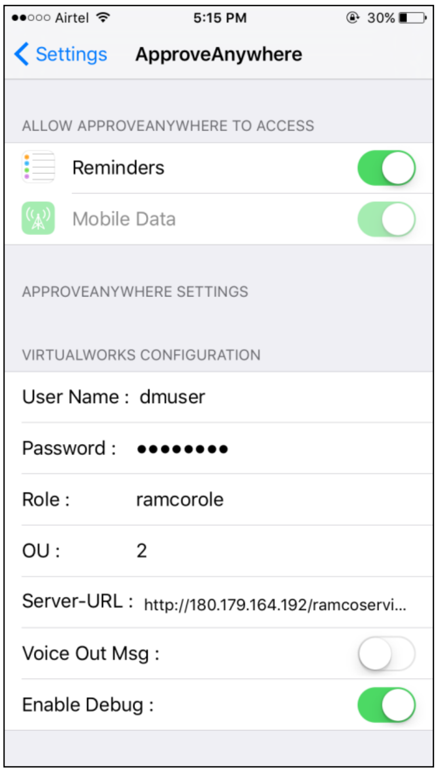
1. General Settings
   a) The general settings are the ones that will be defined by the IT team of the organization and is available in the iPhone Settings screen

   b) These settings include the following:
      - Server Configuration
      - Default User/Role/Organization Unit Configuration
2. Application Settings
   a) This screen facilitates the User to modify the following:
      - Context Role/Organizational Unit
      - Default Login UI for the Login OU/Role
        - To Do List
        - Supplier Order Based Invoice

- Delivery Charges
- Supplier Direct invoice
- Notes

Exhibit 1: Identifies the **General and Application Settings** screen





User Interfaces

The User Interfaces available in the application can be broadly classified as:

1. **Infrastructure User Interfaces** – User Interfaces that assist the user in getting to the document in which the work needs to be carried out
2. **Actionable User Interfaces** – User Interfaces that provide the user with the actions that can be performed in the application

Infrastructure User Interfaces

The Infrastructure User Interfaces available in the Approve Anywhere application are as follows.

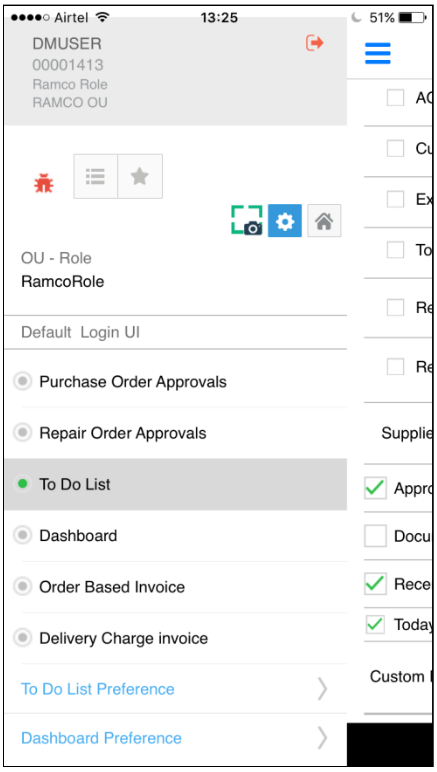
- Menu Options
- To Do List
- To Do List Preferences

Menu Options

- This screen acts as the hub for the user to view the login details

- There is a provision to configure the **Favorite Activities** and retrieve them when required
- Here the application settings can be configured for the Login User – OU – Role combination
- Above all, this screen lists the various activities for which alone the user has the access rights to perform in this mobile application. The access rights definition is similar to the one available for the access control in the desktop application

Exhibit 2: Identifies the **Menu Options** screen



To Do List and **To Do List Preferences**:

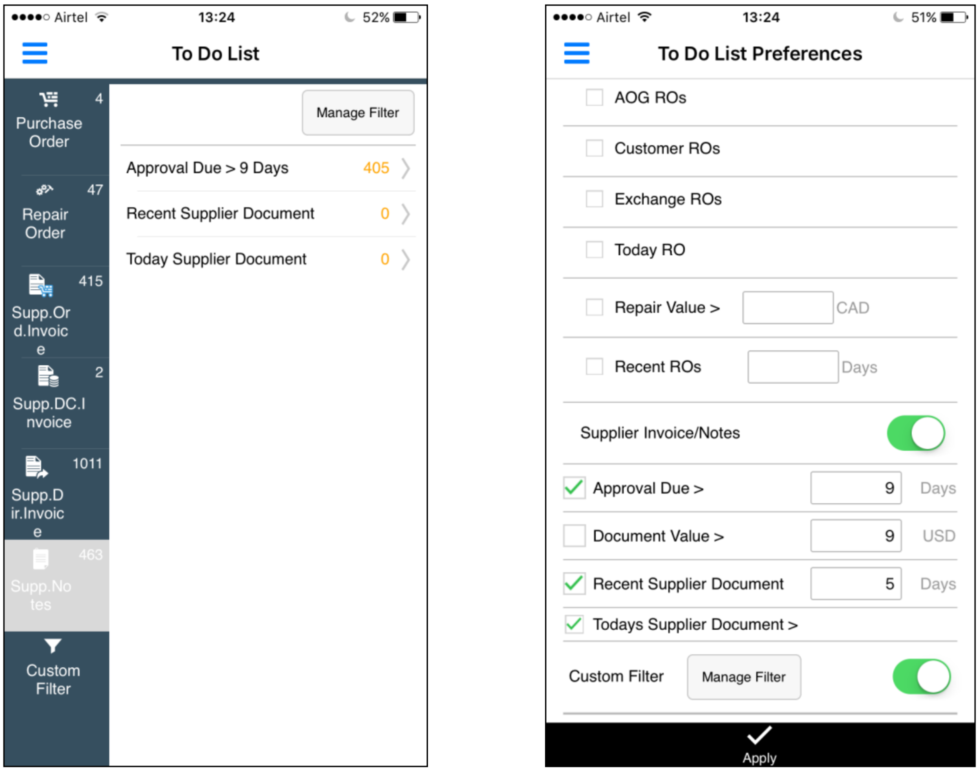
1. To **Do List** screen categorizes the Invoices and Notes to be authorized by the login user into different pre-defined categories.
2. Also, any document that is pending for approval can be verified in the filter categories defined by the user in the Custom Filters and act upon them.

The documents pending for authorization by login user in categorized in the following categories

1. Approval Due > ‘x’ days: Invoices & Notes for which Approval is due for more than ‘x’ no. of days from the last modified date
2. Document Value > ‘Y’ <Base Currency>: Invoices & Notes with total value greater than the value configured in the ‘**To Do List Preference**’ screen
3. Recent Supplier Documents: Documents with the last modified date in the recent days, with the number of days configured in the ‘**To Do List Preference**’ screen
4. Today’s Supplier Document: Supplier Invoices & Notes that are created today

To **Do List Preference** is the screen in which user can configure the filter categories that are to be visible in the **To Do List** screen. Custom Filters can be defined using Supplier Name, Created by Employee #, Document Date, Due Date, Document Type and Status.

Exhibit 3: Identifies the **To Do List** and **To Do List Preferences** screen



Actionable User Interfaces

The actionable user interfaces are the ones in which the user can record the work action that has been carried out in the application after reviewing a document. The possible actions in the application for a document will typically be 'Authorize', 'Match', 'Return' or 'Release'.

The current actionable user interfaces available in the application are listed below:

1. Order Based Invoice
    a) Order Invoices list
    b) Line level Details
    c) TCD level Details
2. Delivery Charge Invoice
    a) Delivery Charges Invoice list
    b) Line level Details
3. Direct Invoice
    a) Direct Invoices list
    b) Line level Details
    c) TCD level Details
4. Notes
    a) Debit Credit Notes List

b) Line level Details

c) TCD level Details

5. General

a) Approver History

Invoices & Notes

The **Invoices & Notes** comprises of three screens in the **Approve Anywhere** application.

Invoices & Notes List

The **Invoices & Notes** screen lists all the Invoices recorded against documents (Purchase Order, Repair Order, Loan Order, Release Slip and Exchange Purchase Order, Delivery Charges Invoice, Expense Invoice, Item Invoice, Debit/Credit Note) pending authorization. All the key information of an Invoices & Notes is shown here in this screen so that the user can carry out the requested action then and there.

1. Details Displayed

a) Invoice/ Note #

b) Supplier Name

c) Finance Book

d) Invoice Date

e) Supplier Invoice #

f) Due date

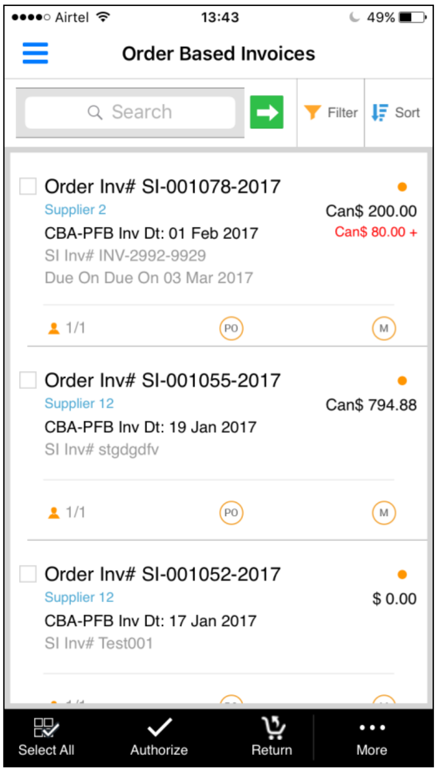
g) Invoice Value

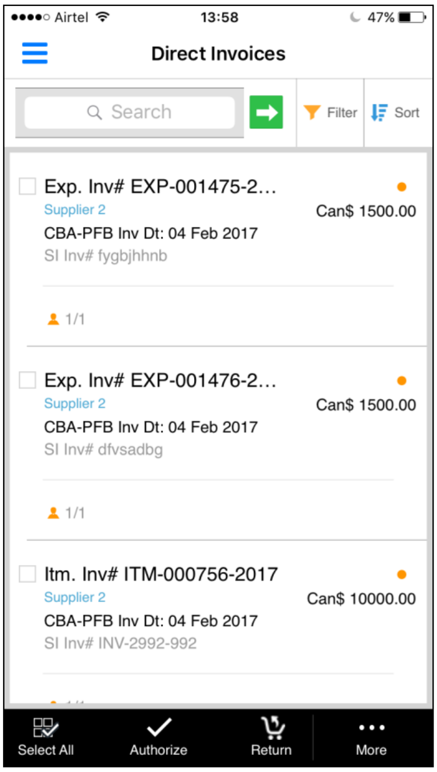
h) Variance Value (if applicable)

i) Order Type [PO/EPO/RO/LO] (if applicable)

j) Status [Matched (M), Auto-Match Failed (MF), Fresh (F)]

Exhibit 4: Identifies the **Invoice & Notes l**ist screens

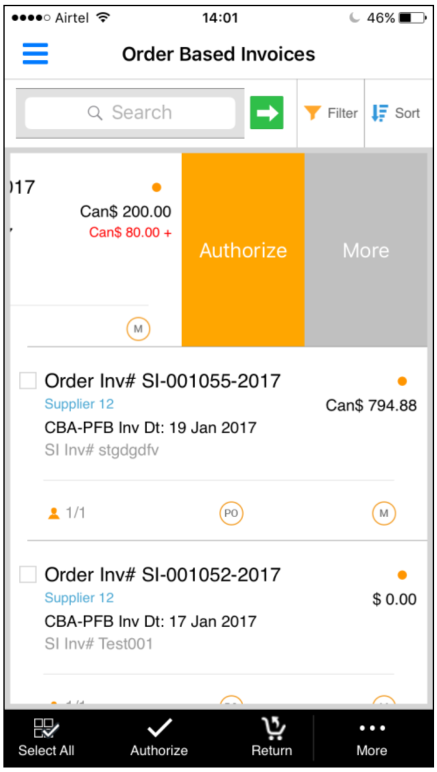


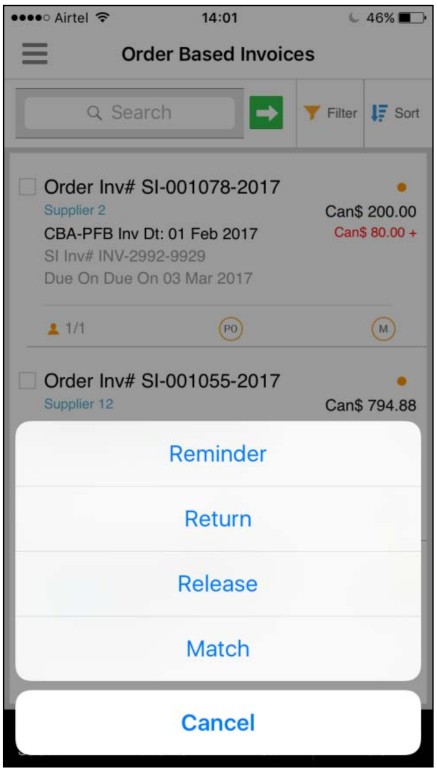


2. Swipe Actions
    a) Authorize
    b) Match
    c) Return
    d) Release
    e) Reminder

3. Bottom Bar Actions
    a) Authorize
    b) Return
    c) Match
    d) Reminder
    e) Release

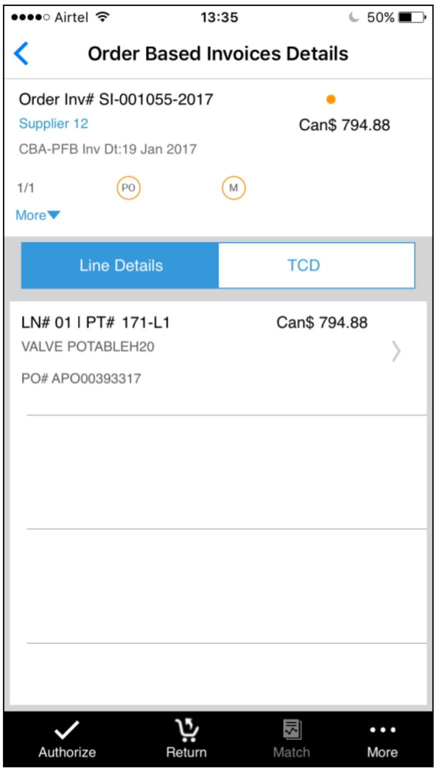
Exhibit 5: Identifies the **Invoice & Notes** list screens with **Swipe Actions**

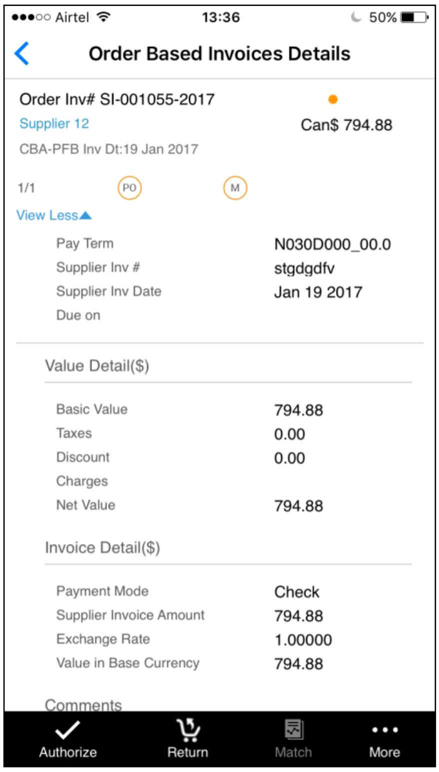




Invoice & Notes Details

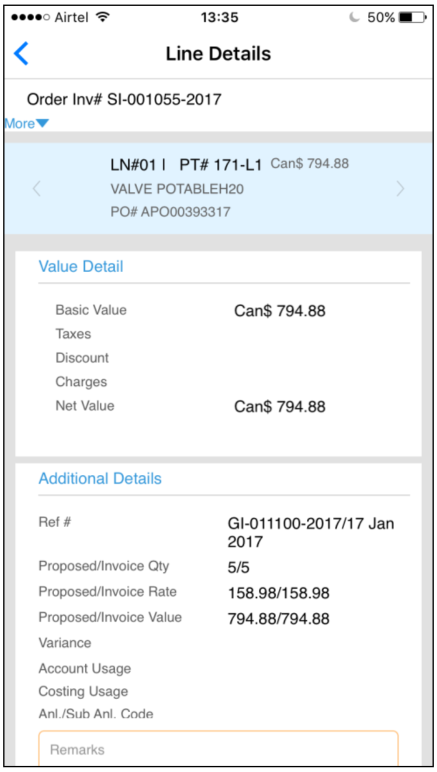
This screen provides the details of a selected Invoice/ Note document. The information is organized into header information, Line level Information multiline with a separate tab for TCD information multiline. Additional header information of the Invoice/ Note document can be viewed by clicking 'More'. The additional information displayed includes the Pay Term, Supplier Document #, Document Date, Due Date, Document value Details, Other Document Details, Comments etc. After reviewing the details of the Invoice/ Notes, the users can Authorize/Return/Release the document from this screen itself.





Line Details

This screen enables the user to view on the additional information of the line in the Invoice/ Note. The information displayed includes additional Line Level details such as Reference document # (e.g. Goods Inward #), Quantity, Rate, Amount, Variance, Accounting Usage, Costing Usage, Analysis/ Sub Analysis etc.



General Screens

Apart from the above screens, there are few screens that are common for all the Order Based Invoice, Delivery Charges Invoice, Direct Invoice and Notes activities.

Approvers List

The Approvers List screen lists the different authorizers who need to authorize the document. The screen will display the basic information of the document along with the approvers list. Also, the OU shall be displayed next to the user details.

Filter and Sort

Filtering of all the invoices & Notes can be done based on Date, Supplier Name, Order Type, Status etc.,

Sorting of all the invoice can be done on the Ascending and Descending order on the following basis:-

a) Order Type

b) Document Date

c) Payment Due Date

d) Value

Note: This feature involves commercials and is not available for all customers. Please contact your Ramco Account Manager.

WHAT'S NEW IN ACCOUNT BASED BUDGET?

Maintain Analysis Rule Definition for M&E Transactions

Reference: AHBG-8008

Background

In aviation industry, knowledge in profitability in different dimensions becomes imperative. Currently, this is enabled through CCRD (Cost Center Rule Definition) framework by capturing costs and revenue for M&E transaction against cost centers. But over the years, additional dimension of analysis is required due to vast verticals in aviation industry. This resulted in the extension of the already existing framework of *Analysis Code* which will allow the user to know the profitability from another dimension of the business transactions.

This enhancement brings improvements in **Account Based Budget** business component which allows the user to maintain the definition for *Analysis Code* for M&E transaction based on parameters. Currently, the application allows only *Aircraft to Analysis mapping* (based on the set option) or the *Default Analysis Code* for all the transactions. Requirement is to extend this through a rule definition for tracking the cost.

Change Details

This enhancement brings up the new screen **Maintain Analysis Rule Definition** (Refer Exhibit 1) in **Account Based Budget** business component under **Book Keeping** business process. The Maintain Screen gives flexibility to define the Analysis rule for the below mentioned *Events* with the help of applicable parameters like Aircraft Reg. #, Shop Job Type, Execution Category and Work Center # with effectivity dates. The resourcefulness of this is such that it is *a maintain* screen where user can define, edit and view the current definitions for the particular event. In addition, there is another context for *View* (Refer Exhibit 2), where user can view all the definitions which have been made for an event(s) up to date.

<u>Events:</u>

1. Repair Order
2. Non Component Repair Order
3. Shop Work Order – Component
4. Shop Work Order – Non Component
5. A/C Maint. Exe. Ref #
6. Asset Depreciation

Exhibit 1: Maintain Analysis Rule Definition - Maintain Screen

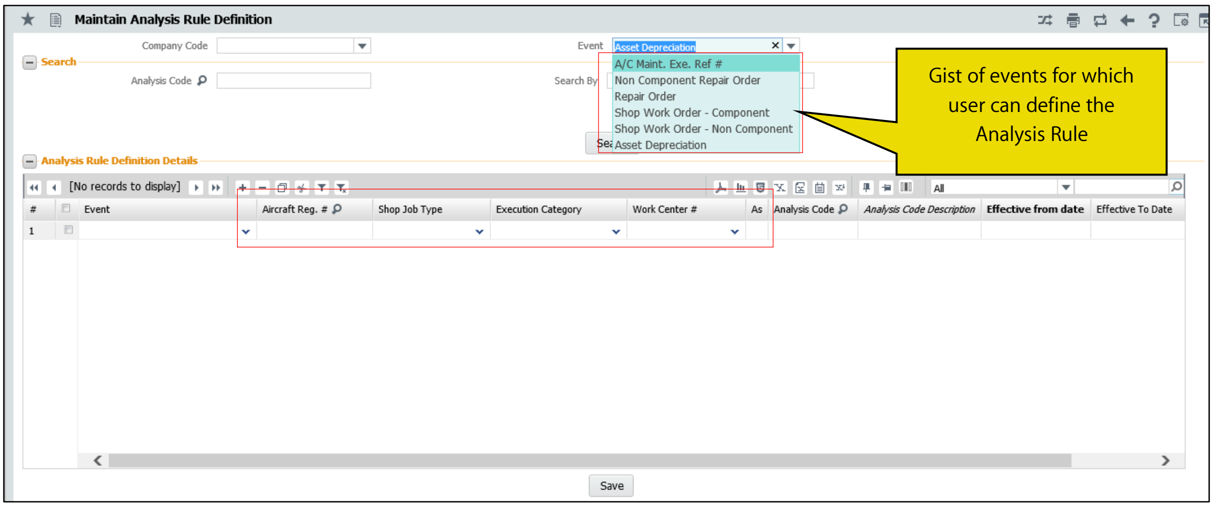
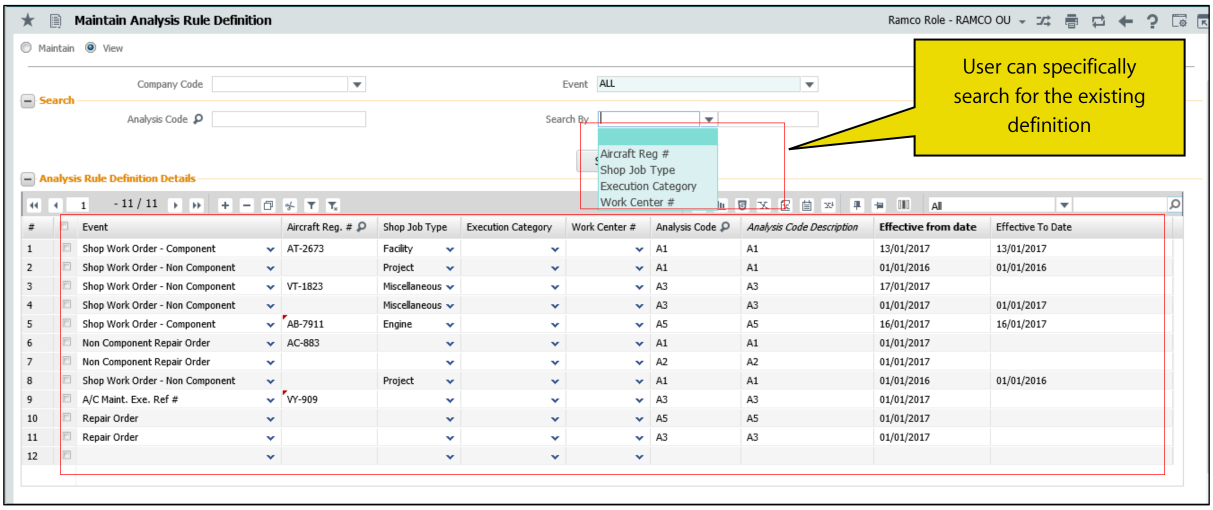


Exhibit 2: Maintain Analysis Rule Definition- View Screen



<u>Hierarchy Rule</u>

For the events mentioned above, if any Revenue or Expense account is being posted and has a mapping to analysis code, then such analysis code shall be picked up from **Maintain Analysis Rule Definition** screen even if for the same transaction Aircraft to Analysis Code mapping is available.

If analysis code is not defined / derived in **Maintain Analysis Rule Definition**, then application will pick up the analysis code from Aircraft to Analysis Code mapping. If Aircraft to Analysis Code mapping is not available then application will retrieve default Analysis code mapped for that account code.

WHAT'S NEW IN ASSET DEPRECIATION PROCESSING?

Ability to allocate depreciation to contracts based on usage or mapping of asset to aircraft

Reference: AHBG-9025

Background

In Aviation Industry, the significant assets being Aircraft / Helicopters, the need to capture, calculate and segregate the depreciation cost is required for quality reporting and analysis of profitability at Aircraft level. Currently, application supports this functionality with the assistance of *Cost Center* by allocating the *Usage based depreciation* cost to the required cost centers, but there is additional requirement to enhance the allocation of depreciation cost at a different level i.e. *Analysis Code*.

This enhancement brings improvements in 'Allocation Tab' of **Confirm Usage & View Depreciation** screen under **Asset Depreciation Processing** business component in **Fixed Asset Management** Business Process. Currently, the application via *Analysis Code* allows tracking of depreciation cost for *Default Analysis Code* assigned to the depreciation account code(s). However, requirement is to capture the depreciation cost based on some parameter(s) as well.

Change Details

This enhancement allows user to retrieve usage information (in Confirm Usage & View Depreciation Screen-Refer Exhibit 1) at an Aircraft level for Assets which are Depreciated based on Usage (Usage Based Depreciation), so that Analysis code can be derived at aircraft level based on definition in Analysis Rule Definition or Aircraft-Analysis mapping. This is done primarily to capture depreciation cost at the analysis code level.

Similarly for Non-Usage based depreciated assets which are related to aircrafts (e.g. Airframe Assets which are depreciated on SLM basis), based on the 'Asset # Tag # – Aircraft Reg. #' mapping in Maintenance Asset Tracker (MAT), the analysis code can be derived based on Analysis Rule Definition or Aircraft – Analysis Mapping.
Analysis Rule Definition is enhanced to enable definition for the event "Asset Depreciation" with the Parameters "Aircraft Registration #', Asset Location. (Refer Exhibit 2). A new set option is introduced in **Set Finance Process Parameter** activity (Refer table below) to enable derivation of Analysis codes based on the above options (Analysis Rule Definition / Aircraft-Analysis Mapping). These set options need to be defined separately for Usage / Non-Usage Based Assets.

Table showing the new set options in Set Finance Process Parameters:

Category	Process Parameter	Permitted Value
Asset Depreciation Processing	Analysis retrieval for Usage Depreciated Assets based on	Enter '0' for Analysis Rule Definition, '1' for Aircraft-Analysis Mapping and '2' for Default Analysis Code
Asset Depreciation Processing	Analysis Retrieval for Life Depreciated Assets using MAT mapping based on	Enter '0' for Analysis Rule Definition, '1' for Aircraft-Analysis Mapping and '2' for Default Analysis Code

Exhibit 1: Allocation tab of **Confirm & View Depreciation**

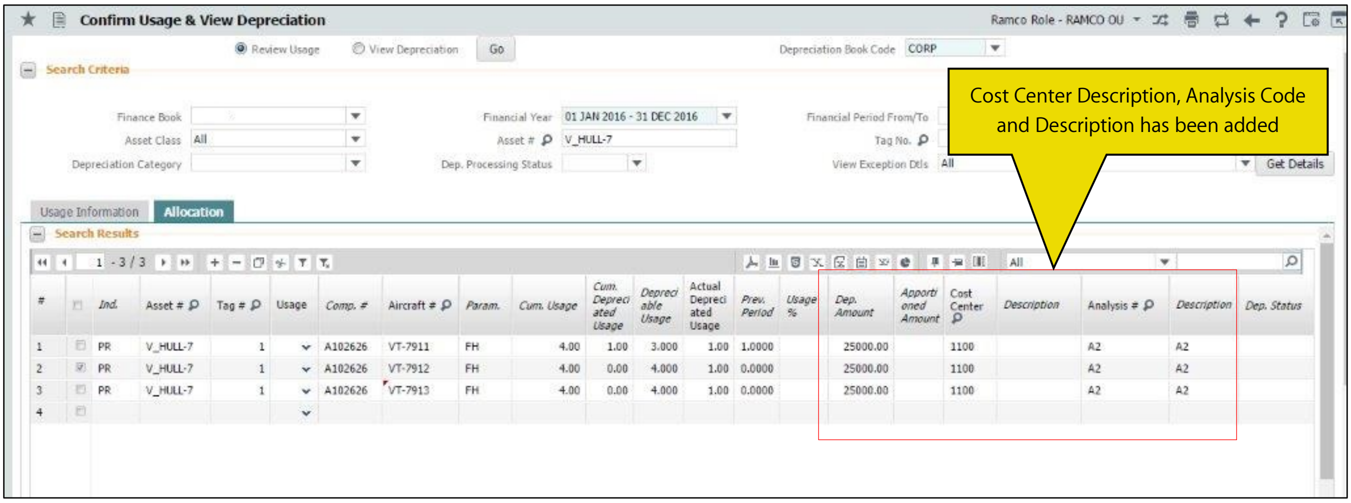
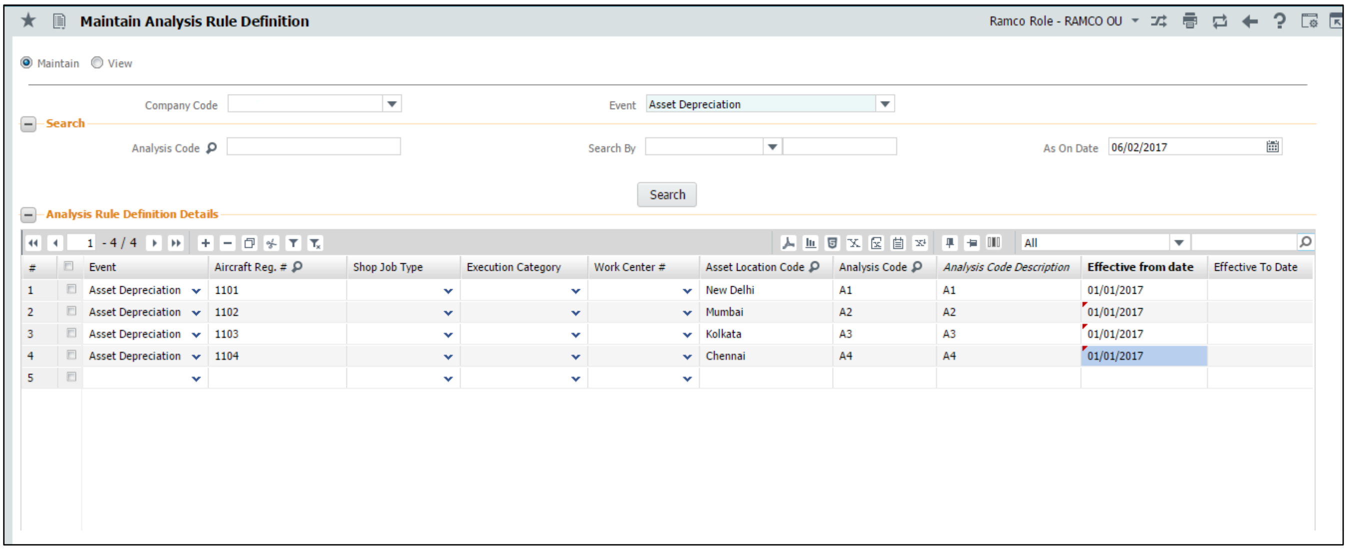


Exhibit 2: Maintain Analysis Rule Definition - For Asset Depreciation



1. **Hierarchy Rule**

In **Set Finance Process Parameter,** if user has set *Analysis Rule Definition* and for any transaction parameters are not satisfied based on definition then the existing framework of retrieving analysis code shall be followed i.e. Aircraft to analysis code mapping (if Aircraft Based Accounting is set as Yes) else default analysis code based on assigning analysis code to Account code. This hierarchy is applicable for both Usage / Non Usage based depreciated Assets.

2. **Retrieval Logic- Cost Center**

Currently, application does not retrieve the cost center in **Confirm and View Depreciation** screen. It is just an editable control which permits the user to segregate the depreciation cost by specifying different cost center. This enhancement retrieves the cost center which was provided during the creation of the Asset Record. However, user is allowed to modify the same and can specify the cost center and save the details to process and confirm the depreciation.

3. **Retrieval Logic- Analysis Code**

This editable control is enabled as part of this enhancement which shall fetch the *Analysis Code* based on the set options in Set Finance Process Parameter. If Process Parameter 'Analysis retrieval for Usage Depreciated Assets based on' is 'Analysis Rule Definition', and if the Usage based depreciation satisifies the conditions defined in rule, then in *Allocation* tab, Analysis Code and *Description* shall be displayed. However, user is allowed to modify the same and can specify the *Analysis Code* and save the details to process and confirm the depreciation.

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WHAT'S NEW IN FIXED ASSET REPORTS?

Ability to Review Aircraft Value Based on Aircraft Configuration

Reference: AHBG-8419

Background

In Aviation industry, it will be a boon for the organization to know the current capitalized book value of their important asset being utilized in and out and also being the important source of revenue. Aircraft is itself configured with many components which are capital in nature. Currently, application allows viewing the current book value of components alone with the help of **View Asset Record** screen if Maintenance Asset Tracker mapping is available for that component and asset-tag. However, users would require reviewing the value of Aircraft as a whole for a given date.

This enhancement eases the task carried out by the user to review the aircraft value by deriving the value of capital parts, which are attached to the aircraft based on Maintenance Asset Tracker for an Aircraft Registration number, Aircraft Model number and Aircraft Group.

Change Details

A new screen is introduced to review the value of Aircraft(s). New activity **Review Aircraft Value** under the **Reports – Fixed Asset Management** business component, allows the user to review the value instantaneously for an Aircraft tail / registration number in On Screen View section (Refer Exhibit 1) and for multiple aircrafts by specifying Aircraft Model number (or) and Aircraft Group number or so on in Offline Report section (Refer Exhibit 2). User will be able to download the bulk report in excel spread sheet when the status of the Run # becomes 'Completed' status from 'In-Progress'.

Summary of Aircraft value at component type level

This screen summarizes the book value of Aircraft at component type level viz., Engine, APU, Landing Gear and Others. Additionally, Airframe is also included in the above mentioned summary section and the book value of the same is also arrived based on the maintenance asset mapping directly available for aircraft tail/registration number and asset-tag.

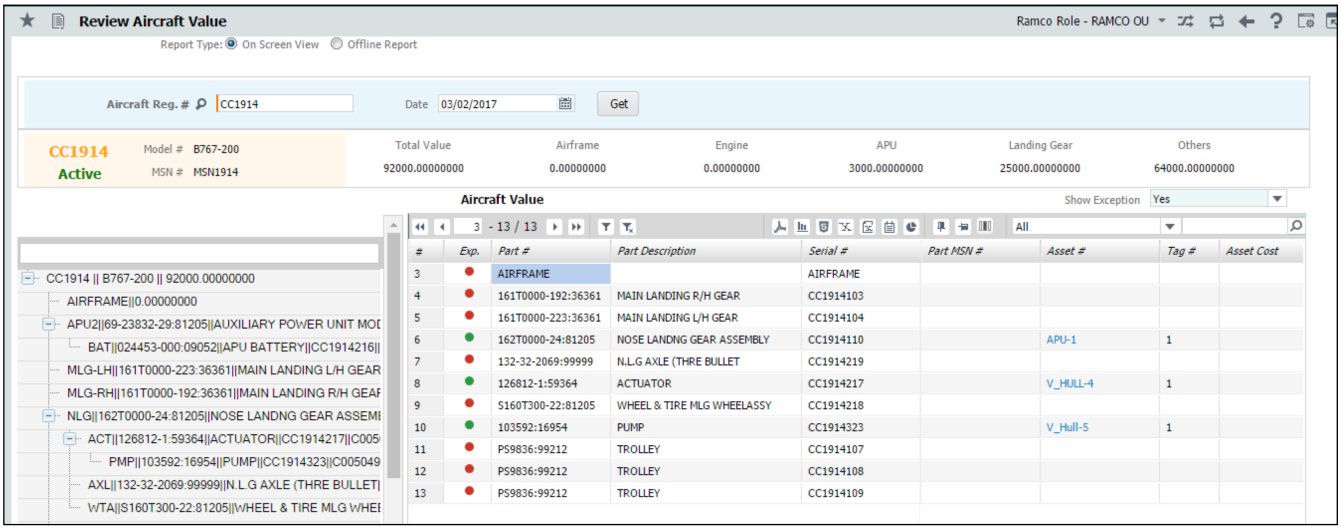
1. On Screen View:

In this screen, user can easily fetch the report for an aircraft either for current date or previous period end date(s). Multiline details provide conglomerate data of three attributes namely Part-Serial, Asset and Aircraft details. If user has mapped the part-serial (Component Id) with an asset-tag, then the cumulative cost and book value will be fetched against the respective component type in multiline details. Red icon indicates that the component is not mapped with asset-tag which comes under exception category and Green icon indicates that the same has been mapped with an asset-tag. The On Screen View enables to review aircraft value for one aircraft at a time. In order to extract reports for more than one aircraft tail / registration number, Offline Report shall be used.

Tree, on the other hand assists user to review the details at detailed component level in aircraft configuration.

When user clicks on a node, the details of that particular node with all its child components shall be fetched in multiline.

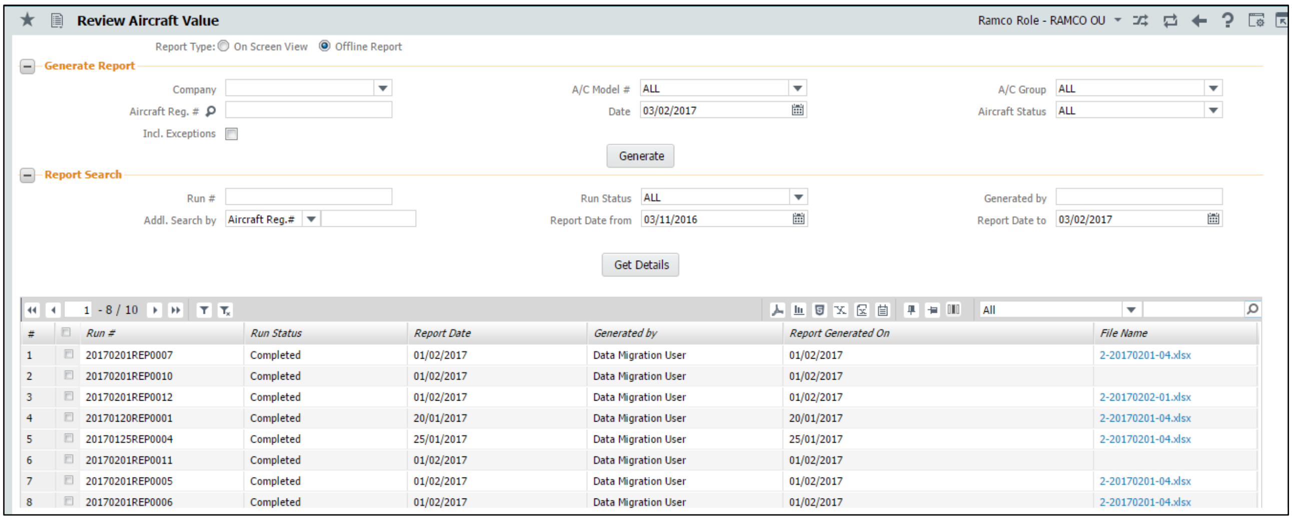
Exhibit 1: Review Aircraft Value screen - On Screen View



2. Offline Report:

Offline Report allows the user to review the value of more than one aircraft by generating report either based on Aircraft Model / Group number. Run # shall be generated and the same can be used to track the status of the report (initially it will be in 'In Progress' status). Prescheduled back-end scheduler routine shall process this Run # and status is changed as 'C*ompleted'*. The generated report can be downloaded by clicking on the 'File Name'. Offline Report displays the summary of multiple aircraft and their values as a summary and with a detailed report similar to that of the multiline details in *On Screen View*.

Exhibit 2: Review Aircraft Value screen - Offline Report



WHAT'S NEW IN COST BUDGET?

Ability to Capture Cost Budget at CC-Analysis-CE level

Reference: AHBG-7757

Background

This enhancement ushers improvements in Cost Budget screen of the **Management Accounting** business Process. Currently, the application supports creating budgets at the Cost Center and Cost Center-Cost Element level. A requirement was to define cost budget at a much lower level including analysis code for a detailed analysis.

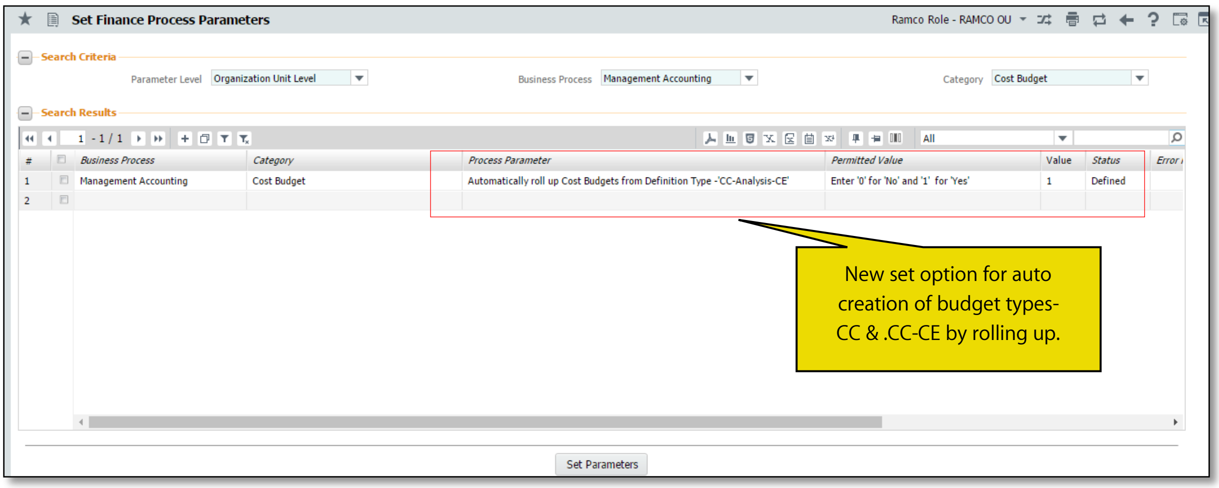
Change Details

This enhancement allows the user to define the cost budget at the Cost Element-Cost Center-Analysis Code-Sub-Analysis Code level and report the variance between the budget and the actuals for the defined period. The new definition type CC-Analysis-CE is enabled for period(s) of both the budget types namely quantity and values.

A new set option is also introduced (see exhibit 1) in the **Set Finance Process Parameter** activity, which manages the auto creation of budgets for other definition types- Cost Center (CC) and Cost Center-Cost Element (CC-CE), if CC-Analysis-CE budget is authorized, by rolling up the CC-Analysis CE budget.
Users can extract the report- MAC Budget Vs Actual (see exhibit 2) which is now enhanced for the budget type- CC-Analysis-CE to analyze the actual cost incurred, variance and variance % for the defined budgets.

Additionally, the **View Cost Budget** screen (see exhibit 3) is also enhanced to display Actual Amount, variance and Variance % against the budget defined.

Exhibit 1: Set Finance Process Parameters



1. Auto Creation of Cost Budget

If the above mentioned set option is set as *yes*, then cost budgets for other 2 definition type- Cost Center and Cost Center - Cost Element (CC-CE) shall be automatically rolled up on authorization of cost budget type Cost Center–Analysis-Cost Element (CC-Analysis-CE). The numbering of the auto cost budget creation is such that cost budgets

viz., Cost Center and Cost Center-Cost Element shall be generated by replicating the budget number for definition type- 'CC-Analysis-CE' with a suffix of '-1' for Cost Center and '-2' for Cost Center-Cost Element.

2. Amendment of Auto Created Budgets

Automatically generated cost budgets cannot be modified. But if cost budget type- CC-Analysis-CE is amended then the other higher level budgets, which were automatically created against the same shall get amended with new version number on authorization, irrespective of the set options in the **Set Finance Process Parameters** activity.

Exhibit 2: MAC Budget Vs Actual Report

Budget Vs Actual Report

Period from January 2011 **to** 12

Budget No: CBUD09 **Version No:** 9 **Budget Definition Type:** CC-Analysis-CE

New changes made in *MAC Budget Vs Actual* Report

Cost Center	Description	Cost Element	Description	Analysis Code	Description	Sub Analysis Code	Description	Actual Amount	Budget Amount	Variance	Variance %
CC1	CC1	500000	Labour Charges	A1	A1	SA1	SA1	0.00	1000.00	1000.00	100.00
CC2	CC2	514100	Other Cost	A2	A2	Sa2	SA2	1000.00	2000.00	1000.00	50.0
CC3	CC3	80000	Training Expenses	A3	A3	Sa3	SA3	-2000.00	3000.00	1000.00	33.3333333
CC4	CC4	710500	Interest Expense	A4	A4	sa4	SA4	0.00	0.00	0.00	0
CC5	CC5	710100	Bank Fees	A5	A5	SA5	SA5	1000.00	0.00	-1000.00	-100.00

Exhibit 3: View Cost Budget

View Budget Ramco Role - RAMCO OU 31 32 33 34 35 33 /68

Budget No.	CBUD09	Version No.	9	Status	Active
Description		Aggregate / Period	Period	Definition Type	CC-Analysis-CE
Budget Type	Value	Budget Org Unit		Org Unit	
Responsibility	DMUSER	Effective Date	01/01/2016	Expiry Date	31/12/2016
Budget Category		Approved by		Remarks	
Default Status	No				

Budget Details

1 - 5 / 5 All

#	Cost Center / Unit	Cost Element	Analysis #	Sub Analysis #	Item Code	Item Variant	Budget Span	Accounting Period	Quantity	Amount	Actual Amount	Variance	Variance %	Variable Rate / % for Flex. Budgeting
1	CC1	500000	A1	SA1				2016-01-01-2016-01-31		1000.00		1000.00000000	100.000000	
2	CC2	514100	A2	Sa2				2016-01-01-2016-01-31		2000.00	1000.00000000	1000.00000000	50.000000	
3	CC3	80000	A3	Sa3				2016-02-01-2016-02-29		3000.00	-2000.00000000	1000.00000000	33.333333	
4	CC4	710500	A4	sa4				2016-02-01-2016-02-29		0.00		0.00000000		
5	CC5	710100	A5	SA5				2016-03-01-2016-03-31		0.00	1000.00000000	-1000.00000000	-100.000000	

Note that in MAC Budget Vs Actual Report and View Cost Budget- Actual Amount, Variance and Variance % shall be displayed only for budget type - ‘Value’. Even, if a Budget Definition type is defined for budget type ‘Both’ i.e. ‘Quantity’ and ‘Value’, these values will be displayed only for value.

To support the existing functionality of retrieving values in the **Actual Amount** column, the user must incorporate the financial transaction in the **Incorporate Financial Transaction** activity of the **MAC Incorporation** component in the **Management Accounting** business process.

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