



# Enhancement Notification - Financials

## 16<sup>th</sup> June, 2010



# Agenda

- **Functional Scope**
  - Book Keeping
  - Payables Management
  - Fixed Assets Management
- **Technical Improvements**



# Book Keeping

- Financial Reports
  - Business Need
    - Automatically generate data package
      - Trial Balance
      - Balance Sheet
      - Income Statements
      - Budgets vs. Actual
      - Schedules to the above
    - Print information for multiple companies together
    - Analyze
      - across companies
      - across period / year comparisons



# Book Keeping

- Data Package – Financial Reports
  - Approach
    - Set-up package content thro' a new interface
    - Provide for a recurring run as well as an adhoc request
    - Generate the XL data package output in an FTP folder
    - View the package from the application
  - Formatting
    - Render data based on layout determined by application logic
    - Presentation refinements
      - Controlled by the package set-up
      - Minimal formatting/ beautification



# Book Keeping

- Data Package – Financial Reports
  - Income Statement (FB-CC Level)
  - Income Statement (FB Level)
  - Income Statement (CC Level)
  - Consolidating Income Statement including eliminations
  - Consolidated Income Statement including eliminations (FB Level)
  - Consolidated Income Statement - Budget Vs. Actuals
  - Trial Balance (FB Level)
  - Balance Sheet (FB Level)
  - *Consolidating Balance Sheet including eliminations*
  - *Consolidated Balance Sheet including eliminations (FB Level)*
  - *Schedule for Balance Sheet Accounts*
  - Schedule for Income Statement Accounts (FB Level)
  - Schedule for Income Statement Accounts (FB-CC Level)



Microsoft Excel  
Worksheet



Microsoft Excel  
Worksheet

# Wireframe–Data Package Financial Reports

**Maintain Financial Reports - Data Package**

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**Report Criteria**

Data Package Id	Report Type	One Time	Status	Active
Company XYZ Airways Holdings	Reporting Structure		CC Structure ID	
CE Structure ID	Include Allocation	Yes	Allocation Method	Model-Code Share
Balance Sheet Layout ID	Income Statement Layout ID		Comparison Basis	Previous Year
Budget #	Version #			
No. of Periods	Summarize By (in periods)	3		

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**One Time Report Information**

Report Date	Processing Status	File Name
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**Recurring Schedule Information**

Report From	Run Every	Run For
Process Run After	Days	Last Run Date Time
Run Instance	Processing Status	File Name

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**Report Information**

1 - 12 / 12

#	Reports	Select
1	Income Statement (Finance Book-Cost Center Level)	<input type="checkbox"/>
2	Income Statement (Finance Book Level)	<input type="checkbox"/>
3	Income Statement (Cost Center Level)	<input type="checkbox"/>
4	Consolidating Income Statement including eliminations	<input type="checkbox"/>
5	Consolidated Income Statement including eliminations (Finance Book Level)	<input type="checkbox"/>
6	Consolidated Income Statement - Budget Vs. Actuals	<input type="checkbox"/>
7	Trial Balance (Finance Book Level)	<input type="checkbox"/>
8	Balance Sheet (Finance Book Level)	<input type="checkbox"/>
9	Consolidating Balance Sheet including eliminations	<input type="checkbox"/>
10	Consolidated Balance Sheet including eliminations (Finance Book Level)	<input type="checkbox"/>
11	Schedule for Balance Sheet Accounts	<input type="checkbox"/>
12	Schedule for Income Statement Accounts	<input type="checkbox"/>

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Created By	Created Date
Modified By	Modified Date

# Book Keeping

- Account Ledger
  - Business Need
    - Provision to run Account Ledger for all the FBs together
  - Approach
    - Introduced a new value 'ALL' in FB drop down box
    - Validations introduced to prevent performance slow-down
      - Date range
      - Account code range
      - Report size based on meta data



# Book Keeping

- Part Data Change

- Business Need

- Impact in accounting / costing due to Part Data Change

- Approach

- Driven by PO Expense Type

- Capital Part in Revenue PO – Accounting addressed

- Part Expense Type modified from Revenue to Capital –

- » Above threshold - Pending Capitalization A/c

- » Below threshold – Capital Parts W/o A/c

- RO – No impact in accounting



Microsoft Excel  
Worksheet



# Wireframe – Account Ledger

Account Ledger

Trailbar

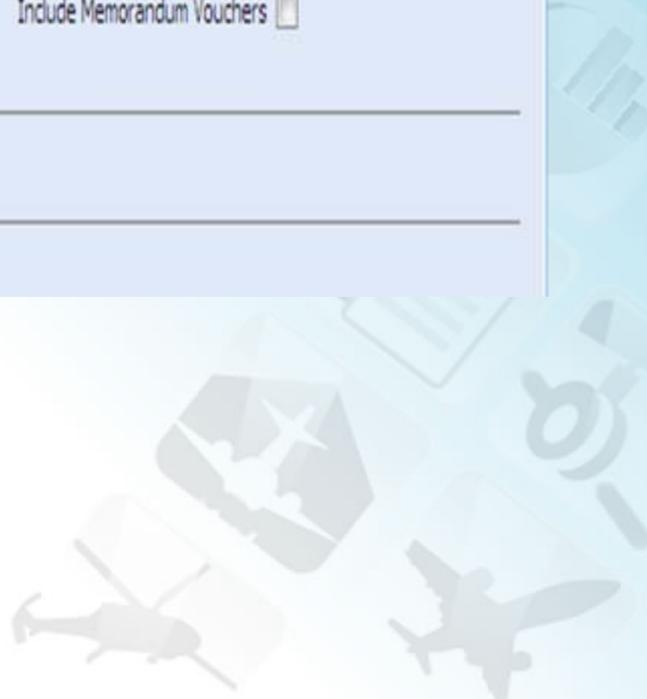
**Print Criteria**

Book Type	Posting FB	Business Unit	XYZBU	Finance Book	ALL
Document Type	Sub GL Voucher	Layout Heading		Currency	Base Currency
Financial year	01 Jan 2010 - 31 Dec 2010	Financial Period	01 Feb 2010 - 28 Feb 2010	Amount In	Actual
From Date		To		Include Memorandum Vouchers	<input type="checkbox"/>
Account Code from		To			

Print Account Ledger

'ALL' loaded

Validation to specify Date/Account Code range.  
Report size restricted based on pre-defined value



# Payables Management

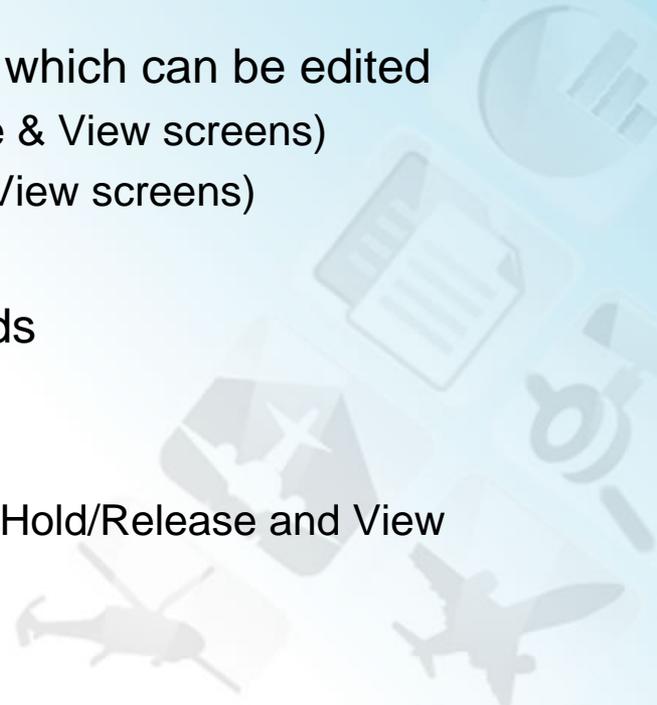
- **Supplier Debit Credit Note**

- Business Need

- Provision to capture airport location in Supplier Debit / Credit Note
    - Search of Notes based on Supplier Note #

- Approach

- A new help-enabled control in the multiline, which can be edited
      - Account based note (Create, Edit, Authorize & View screens)
      - Item based note (Create, Edit, Authorize & View screens)
    - Validations based on quick code definitions
    - Data saved to FBP to enable reporting needs
      - Report on GL Transactions
    - Supplier Note # in all the Search pages
      - Activities: Create, Edit, Authorize, Reverse, Hold/Release and View



# Wireframe – Supplier Account Based Note

▼ Create Account Based Note Trailbar | Home | Print | Refresh | Back | Forward

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**Note Information**

Note #  Note Type **Debit** Status   
 Note Date  Finance Book **XYZ-PFB** Numbering Type **SADN**

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**Supplier Information**

Supplier Registered At **DemoOL** Supplier #  Supplier Name   
 Supplier Note #  Supplier Note Amount  Supplier Note Date

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**Payment Information**

Currency **USD** Exchange Rate **1.00000000** Payment Processing Point   
 Electronic Payment  Payment Method  Payment Mode   
 Payment Priority  Pay Term  Anchor Date   
 Total Amount  Comments

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**Electronic Payment Information**

Pay Ref. Id  Pay Ref. Details  Payment Instructions

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**Document Information**

[No records to display] All

#	Ref Document Amount	Cost Center	Analysis #	Sub Analysis #	Expense Classification
1					

New Control 'Expense Classification'

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Supplier Debit Credit Note -> Create Account Based Note 59 Minute(s) 3:32:30 7

# Wireframe – Supplier Item Based Note

Business Process | Recent Activities | Favourites | Welcome to Ramco | [User Name]

**Create Item Based Note** | Trailbar | [Home] [Print] [Refresh] [Back] [Forward]

Electronic Payment [v] | Payment Method [v] | Payment Mode [v]  
 Payment Priority [v] | Pay Term [ ] | Anchor Date [ ]  
 Usage ID [ ] | Total Amount [ ] | Comments [ ]

**Electronic Payment Information**

Pay Ref. Id [v] | Pay Ref. Details [ ] | Payment Instructions [ ]

**Search Criteria**

Order Invoice  | Credit Note  | Purchase Order   
 Direct Invoice  | Debit Note  | Repair Order   
 Order # From [ ] | To [ ] | Loan Order   
 Invoice/Note # From [ ] | To [ ] | Release Slip   
 Invoice/Note Date From [ ] | To [ ] | [Search]

**Document Information**

Default Tax Key [v] | Tax Exclusive

**Document Information**

[<<] [<] [No records to display] [>>] [+] [-] [Print] [Refresh] [v] [Search]

#	Cost Center	Analysis #	Sub Analysis #	Expense Classification
1				

[Compute]

Supplier Debit Credit Note -> Create Item Based Note | [Print] | 57 Minute(s) | 3:35:37.2

New Control 'Expense Classification'

# Wireframe – Supplier Note – Search Page

Business Process: Payables Management      User: DMUSER      Organization Unit: Demo      Role: Demo User Role

Business Process   Recent Activities   Favourites   Aviation Solutions Release 5.2 - Development Environment

Select Debit/Credit Note      Trailbar

Note #       Note Type Debit

**Search Criteria**

Note Type	All	Note Category	All	Finance Book	XYZ-PFB
Note # From	<input type="text"/>	To	<input type="text"/>	Currency	All
Note Date From	<input type="text"/>	To	<input type="text"/>	User Id	DMUSER
Note amount From	<input type="text"/>	To	<input type="text"/>	Supplier Registered At	DemoOL
Supplier # From	<input type="text"/>	To	<input type="text"/>	Supplier Name	<input type="text"/>
Supplier Note #	<input type="text"/>				<input type="button" value="Search"/>

**Search Results**

[No records to display]

#	Note Type	Note Category	Note #	Note Date	Currency	Note Amount
<div style="border: 2px solid red; border-radius: 15px; padding: 5px; display: inline-block;"> <p>New Control 'Supplier Note #'</p> </div>						

[Account Based Note](#)      [Item Based Note](#)

Supplier Debit Credit Note -> Edit Debit/Credit Note      59 Minute(s)      3:36:58 568 PM

# Payables Management

- Release Payments
  - Business Need
    - Facility to print remittance advice from Payment screens
  - Approach
    - Link to Remittance Report
      - Print Check
      - Reprint Check
      - Direct Debit
    - Recognizing a check run scope
      - Run # generation during print check
      - Referring a run # in re-print check process



# Wireframe – Print Check

**Print Check** Trailbar ▾

Run # New Control 'Run #'

Payment Category *Payment Voucher* Bank # *BOA-CAD* Currency *CAD*

**Voucher Information**

1 - 1 / 1

#	<input type="checkbox"/>	Voucher #	Payee	Check Date	Check Amount
1	<input type="checkbox"/>	PV-000066-2010	Honey Well	19/01/2010	
2	<input type="checkbox"/>				

**Check Series Information**

Check Series # *BOA-CAD-H* Check Series Type *Automatic* Check Prefix *BOA-CAD-H*  
First Check # *BOA-CAD-H100000* Next Usable Check # *BOA-CAD-H100002* Single Check *No*

[Accounting Information](#) [Remittance Advice Report](#) New Link

# Wireframe – Record Damaged Check

**Business Process:** Payables Management      **User:** DMUSER      **Organization Unit:** Demo      **Role:** Demo User Role

Business Process | Recent Activities | Favourites | Welcome to **Ramco Aviation Solutions** Release 5.2 - Development | [Search] | [Home] | [Print] | [Refresh] | [US] | [Info]

**Record Damaged Check** | [Trailbar] | [Home] | [Print] | [Refresh] | [US] | [Info]

**Search Criteria**

Check # From: [ ] To: [ ] Bank #: AOB-USD [v]  
Check Series # From: [ ] To: [ ] Run #: [ ] [Search]  
Check Date From: [ ] To: 11/02/2010 [ ]

**Check Details**

Default Reason #: [ ] [v]

[<<] [<] [No records to display] [>>] [+] [Print] [HTK] [GLS] [CSV] [TXT] [Download] [All] [v] [Search]

#	Check #	Status	Check Type	Check Series #	Bank #
1					

[Record Damaged Check]

New Control 'Run #'



Bank # AOB-USD [v]  
Run # [ ] [Search]

[<<] [<] [No records to display] [>>] [+] [Print] [HTK] [GLS] [CSV] [TXT] [Download] [All] [v] [Search]

#	Check #	Status	Check Type	Check Series #	Bank #
1					

[Record Damaged Check]

# Wireframe – Reprint check

Reprint Check

Trailbar

**New Control 'Run #'**

**Search Criteria**

Check # From  To   
Voucher # From  To   
Pay Amount From  To   
Payee From  To   
Pay Date From 11/02/2010 To 11/02/2010

Payment Category: Payment Voucher  
Payment Route: Bank  
Bank #: AOB-USD  
Pay Mode: Check  
Run #

Search

**Search Results**

[No records to display]

#	Check #	Reprint Check #	Check Date	Bank #	Payee
1					

**Stub Information**

# Of Lines In Stub  Stub Printing Option: None

Reprint Check      Generate Electronic Check

[Remittance Advice Report](#) **New Link**

# Wireframe – Help on Run #

**Help on Run #**

**Search Criteria**

Run # From	<input type="text"/>	To	<input type="text"/>	Bank #	USB-CAD
Pay Date From	<input type="text"/>	To	11/02/2010	Pay Currency	CAD
Supplier # From	<input type="text"/>	To	<input type="text"/>		
Voucher # From	<input type="text"/>	To	<input type="text"/>		
Check # From	<input type="text"/>	To	<input type="text"/>		

**Search Results**

[No records to display]

#	Run #	Pay Date	Check # From	Check # To
Found no rows to display!!!				

# Payables Management

- Remittance Advice Report
  - Business Need
    - Print Remittance Advice
      - Report to give additional information on adjustments made
        - » Fully adjusted documents also to be displayed
      - Payment details to be presented against an invoice line#
  - Approach
    - Run # based search (Help enabled)
    - Report modified to provide adjustment details
    - Provision to run line level report, based on option



# Wireframe – Remittance Advice Report

Business Process: Payables Management      User: DMUSER      Organization Unit: Demo User OU      Role: Demo User Rol

Business Process ▾    Recent Activities ▾    Favourites ▾    [Search]    [Icons]    Themes

Remittance Advice Report    [Trailbar]    [Home]    [Print]    [Refresh]    [Help]    [US]

**Print Criteria**

Company Code	XYZ ▾	Finance	[Dropdown]	Bank Account No.	100100 ▾
Supplier Code From	P&WC	Supplier Code To	P&WC	Pay Currency	All ▾
Pay Date from	01/01/2010	Pay Date to	24/05/2010	Supplier Name	Pratt & Whitty
Voucher No. from	SOI-000006-2010	Voucher No. to	SOI-000050-2009	Run #	[Search]
Check No. from	BOA-USD-H100008	Check No. to	BOA-USD-H100010	Report Type	Detail ▾
EFT No. from		EFT No. to			

**Adjustment Information**

Fully Adjusted Credit Docs.	Exclude ▾	Adjustment Date from	01/05/2010	Adjustment Date to	24/05/2010
	Exclude				
	Include				

[Print]

**Annotations:**

- Line level report based on option setting (points to Run # field)
- Search based on run # (points to Run # field)
- Option to display fully adjusted credit docs. (points to Fully Adjusted Credit Docs dropdown)
- Adjustment Date Range (points to Adjustment Date from/to fields)

# Wireframe – Remittance Advice Report

	<b>REMITTANCE ADVICE</b>	8909, Purdue Road Suite 300 Indianapolis 46268 IN United States Ph: 609 574 3989 Fax: 609 574 3900 www.xyz.co.in								
<b>Supplier Code</b> HONEY WELL <b>Supplier Name</b> HONEY WELL <b>Supplier Address</b> 16859 Waltham trail  MEMPHIS 38119 TN USA 001-04152345 001-099878899 honeywellsup@test.com	<b>Check #</b> BOA-USD-H100009 <b>Pay Date</b> 15-01-2010 <b>Pay Currency</b> USD <b>Pay Amount</b> 3250.00									
Document Date	Document Type	Document No.	Line No.	Your Ref No.	Doc. Currency	Doc.Amount	Discount	Penalty	Total Amount (Doc. Currency)	Pay Amount (Pay Currency)
15-01-2010	Exp.Inv	EINV-000021-2009		Remittanceadvicete	USD	200.00			200.00	200.00
15-01-2010	Exp.Inv	EINV-000022-2009		Sup-11	USD	400.00			400.00	400.00
15-01-2010	Exp.Inv	EINV-000023-2009		Sup-12	USD	400.00			400.00	400.00
15-01-2010	Exp.Inv	EINV-000024-2009		Sup-15	USD	1000.00			1000.00	1000.00
15-01-2010	Exp.Inv	EINV-000059-2010	1	Remittanceadvicetest ing-01	USD	50.00			50.00	
15-01-2010	Exp.Inv	EINV-000059-2010	2	Remittanceadvicetest ing-02	USD	150.00			150.00	
15-01-2010	Exp.Inv	EINV-000059-2010	3	Remittanceadvicetest ing-03	USD	250.00			250.00	

# Payables Management

- Supplier Ageing Report
  - Business Need
    - Provision to view supplier ageing at line level
  - Approach
    - Provision to run line level report based on option
    - Due amount apportioned in proportion to the line amount



# Wireframe – Supplier Ageing Report

Supplier Ageing Analysis Report

Finance Book: All  
Supplier Group: All  
Supplier Code from:   
Transaction Currency: All  
Account Type:  Payables  
 Prepayment  
 Deposit  
Report Type: Summary  
Date: 11/02/2010  
Supplier Name:   
Supplier Code to:   
Display Currency: Transaction Currency  
Display Suppliers with Net Debit Balances:   
Suppliers with Unadjusted Debit Documents:   
Sort Option: Supplier Code

Detail  
Detail - Line Level  
Summary

Line level report based on option setting

# Fixed Assets Management

- **Business Need**

- Facility to

- Capitalize PO / RO based invoices
      - Capitalization reference as 'Invoice'

- **Change Details**

- RO based Capitalization

- Capitalization of repair cost thro' amendment
    - Non-returnable part cost capitalization with direct reference to RO
    - Asset defaulting based on MAT mapping
      - Only when FB is common between Inventory and FA records
    - Capital / non-capital document capitalization
    - Asset planning updates – proposal utilization
      - Liability updates for repair charges during invoicing
      - Direct update of utilized amount for non-returnable part cost

# Fixed Assets Management

- **Business Need**
  - Facility to view
    - Pending capitalization amounts with document reference
- **Change Details**
  - GL Postings for Capex Report
    - Enhanced to show
      - RO based pending capitalizations
    - Display of pending capitalization amounts
      - Based on reference document for capitalization



# Fixed Assets Management

- **Business Need**
  - Depreciation during asset transfers
    - Process and post for depreciation till the date of transfer
- **Change Details**
  - Postings handled in
    - Confirm Transfer
    - Reject Transfer



# Fixed Assets Management

- Business Need
  - Salvage value in asset capitalization
    - Restrict capitalization resulting in tag cost below salvage value
  - Impact of salvage value in depreciation processing
    - Restrict processing depreciation below salvage value
- Change Details
  - Validation in
    - Asset Inquiry Service
    - Depreciation Processing Logic



# Fixed Assets Management

- Business Need
  - Reversal of depreciation
    - Provision to reverse
      - Erroneous depreciation runs
      - Erroneous entries within a run
- Change Details
  - UI changes
    - Tag based reversal / run based reversal screens merged
    - Improved information in the multiline
    - Provision to compute the reversal value
  - Logic changes
    - Validations to ensure sequential reversal
    - Postings reversed
      - Posted in the same period for open periods
      - Posted in the first open period for the closed periods



# Wireframe – Reverse Depreciation

Reverse Depreciation
Trailbar

**Reversal Information**

Reversal Document #	Reversal Type: By Process Run	Numbering Type: RDP
Depreciation Book Code: CORP	Finance Book: XYZ-PFB	Financial Year: FY 10
Reversal Date: 11/02/2010		

**Search Criteria**

Financial Period	Process Run No.	Asset Class
Asset No.	Tag No.	Depreciation Category
Posting Cost Center	Search	

**Search Results**

[No records to display]

#	Process Run No.	Financial Period	Asset No.	Tag No.	Asset Class

Compute
Depreciation Total
Suspension Total

Reverse

Asset Depreciation Processing -> Reverse Depreciation

57 Minute(s) 4:22:28 075 PM

# Fixed Assets Management

- Business Need
  - Asset Migration
    - Capture expiry date of assets during migration
    - Validations on authenticity of data migrated
- Change Details
  - Additional column in Asset Upload Excel
    - To capture expiry date
  - Validations in Asset Upload Task
    - Expiry date should be a future date for assets having balance depreciable value



# Fixed Assets Management

- **Business Need**
  - Facility to
    - Simulate depreciation process before actual run
    - View processed depreciation
- **Change Details**
  - Preview Depreciation Report
    - Report name modified as 'Report on Depreciation'
    - Reports at 3 different levels
      - Period Level report
      - Asset-Tag Level report
      - Capitalization Document Level report
    - Report re-factored
    - Converted from crystal format to XL format



# Wireframe – Report on Depreciation

Report on Depreciation Trailbar

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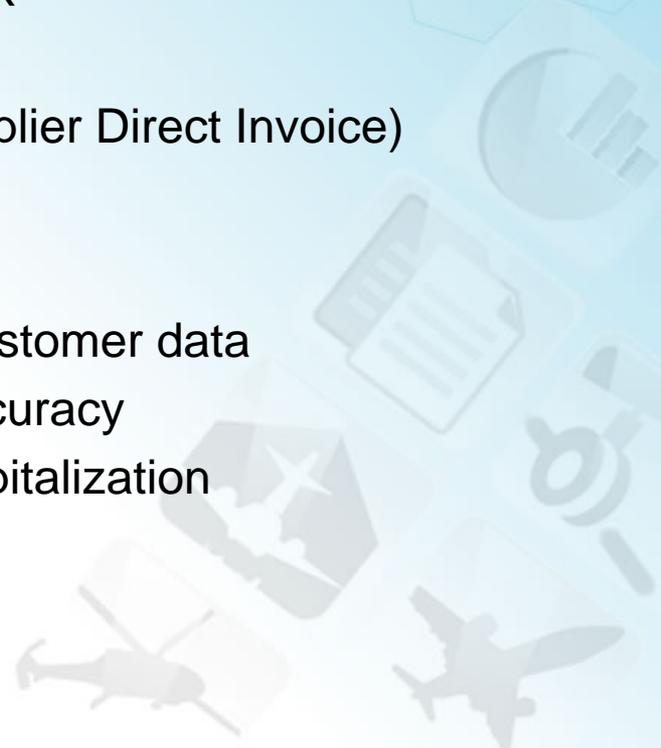
**Print Criteria**

Report Option	Simulate Depreciation	Depreciation Book Code	CORP	Finance Book	XYZ-PFB
Financial Year		Financial Period From		Financial Period To	01 Jan 2010 - 31 Jan 2010
Simulation Basis		Simulate Upto Date		Asset No.	
Asset Class	ALL	Depreciation Category		Cost Center	
Process Run # From		Process Run # To		Process Run Status	
Report Detail	Asset-Tag Level	Suspension Depreciation	Yes		



# Technical Improvements

- Technical Improvements
  - Performance Tuning
    - M&E account postings
    - FBP service – transaction validations in bulk
    - Account balance retrieval logic
    - Line level remarks in finance postings (Supplier Direct Invoice)
  - Others
    - Supplier Inquiry – comprehensive testing
    - Review of consistency queries based on customer data
    - Analysis Allocation Scheduler tuning for accuracy
    - Improved visibility for documents during capitalization



Thank You.

