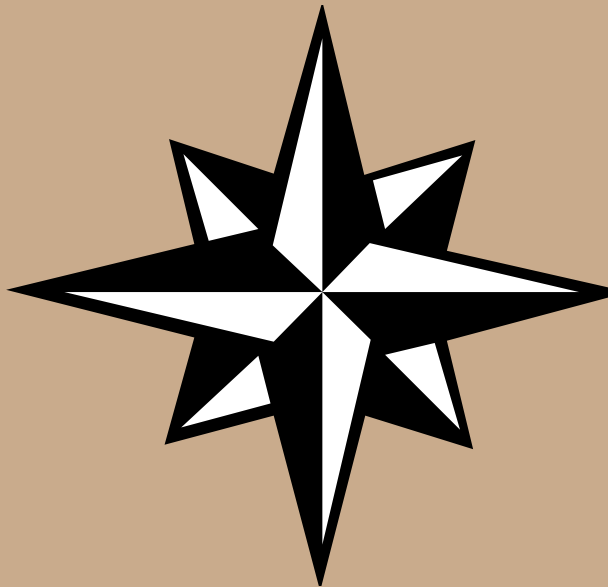# R12 Benefits in Assets

(Oracle EBS – Assets)

High-Level Overview

- **R12 Setups – Subledger Accounting**
  - Booking Journal at Cost Center Level
- **R12 Changes**
  - Payables to Assets Integration
  - Event Accounting vs Monthly Accounting
    - Transaction Audit Changes
    - Asset Retirements / Deletions
    - Month-end impacts
  - Auto Prepare Mass Additions
  - Auto Depreciation Rollback
  - Month-end Close
    - Create Accounting
- **ADI Templates**
- **XML Reports**
- **Issue Not Resolved in R12**

R12 Setups

Subledger Accounting

More flexible than Account Generator. Account Generator had three journal types levels (Asset, Category, and Book). Journals were grouped by these levels in Account Generator, now in SLA each journal can be modified to book the way you require. Additional time is involved to create the proper results.

Subledger Accounting

Account Generator:

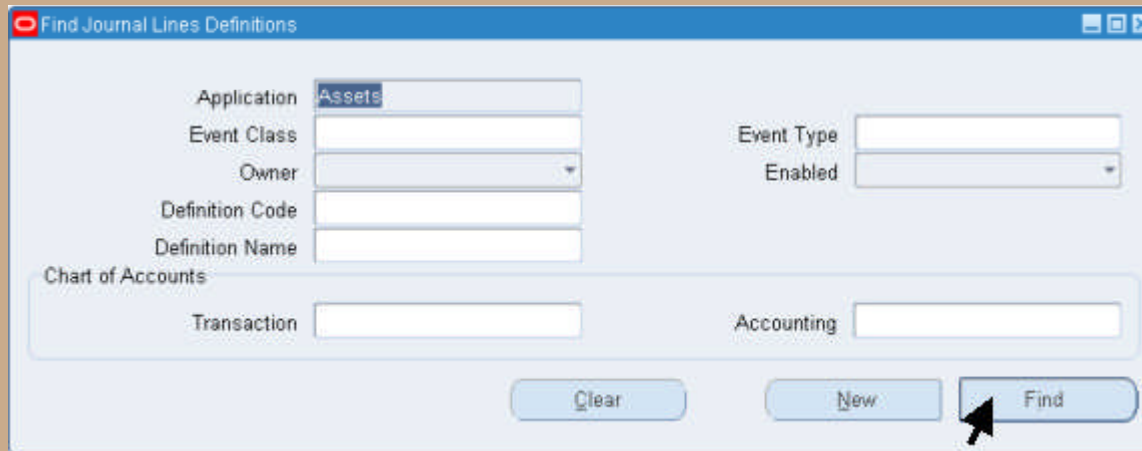| Application	Oracle Assets		
Function	**Book Level:** Retirements Proceed of Sale Clearing Retirements Proceed of Sale Gain Retirements Proceed of Sale Loss Retirements Cost of Removal Clearing Retirements Cost of Removal Gain Retirements Cost of Removal Loss Retirements NBV Retired Gain Retirements NBV Retired Loss	Retirements Revaluation Reserve Retired Gain Retirements Revaluation Reserve Retired Loss Intercompany Payables Intercompany Account Receivables Deferred Depreciation Expense Deferred Depreciation Reserve Depreciation Adjustment	ENTITY = Distribution CCID ACCOUNT = GL Account COST CENTER = Distribution CCID SALES TYPE = Default CCID PRODUCT = Default CCID INTERCO = Default CCID FUTURE1 = Default CCID
	Category Level: Asset Cost Asset Clearing Accumulated Depreciation Bonus Reserve Revaluation Reserve Revaluation Amortization CIP Cost CIP Clearing		ENTITY = Distribution CCID ACCOUNT = GL Account COST CENTER = Default CCID SALES TYPE = Default CCID PRODUCT = Default CCID INTERCO = Default CCID FUTURE1 = Default CCID
	Asset Level: Depreciation Expense		ENTITY = Distribution CCID ACCOUNT = Distribution CCID COST CENTER = Distribution CCID SALES TYPE = Distribution CCID PRODUCT = Distribution CCID INTERCO = Distribution CCID FUTURE1 = Distribution CCID

Subledger Accounting

SLA Steps:

1. **Create Custom Journal Line Definition**

2. **Link Custom Journal Line Definition to Application Accounting Definition**

3. **Link Application Accounting Definition to Subledger Accounting Method**

4. **Link Subledger Accounting Method to Ledger**

Subledger Accounting

Subledger Accounting:

1. **Create Custom Journal Lines Definitions**

   Navigator: Setup > Financials > Subledger Accounting Methods Builder >

   Methods and Definitions > Journal Lines Definitions

Select the Find Button

Subledger Accounting

Subledger Accounting:

Search for the Event Class and Event Type (Copy Definition):

Subledger Accounting

Subledger Accounting:

    Copy Definition – Enter new Definition Code and Name:

Subledger Accounting

Subledger Accounting:

Subledger Accounting

Subledger Accounting:

For each Journal Line Type add an Account Derivation Rule for Cost Center Segment:

Subledger Accounting

Subledger Accounting:

Subledger Accounting

Subledger Accounting:

Step 1 needs to be performed for each Event Class and Journal Line Type

Subledger Accounting

Subledger Accounting:

2. **Link Custom Journal Lines Definitions to Application Accounting Definitions**

   Navigator: Setup > Financials > Subledger Accounting Methods Builder >
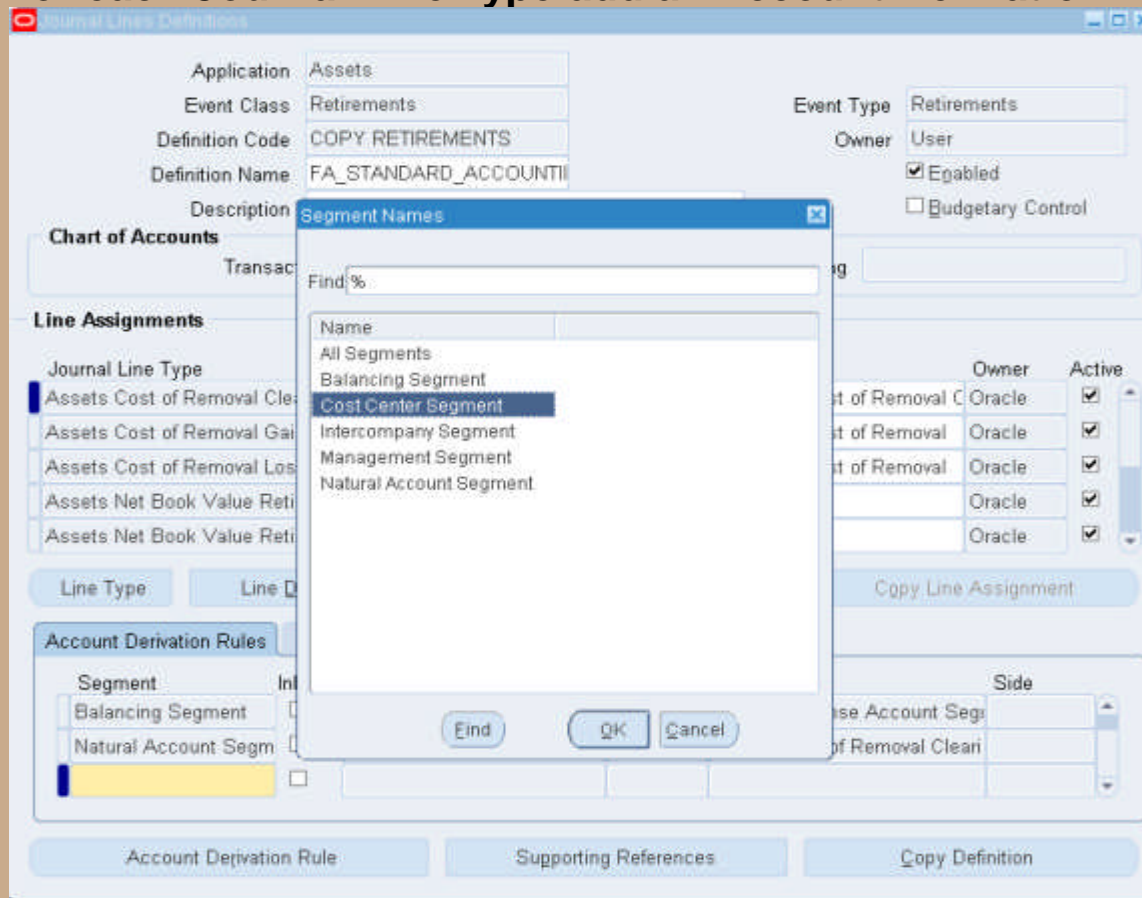
   Methods and Definitions > Application Accounting Definitions

Select the Find Button

Subledger Accounting

Subledger Accounting:

Search for the Application Accounting Definition Code (Copy Definition):

Subledger Accounting

Subledger Accounting:

    Copy Definition - Enter new Definition Code and Name:

Subledger Accounting

Subledger Accounting:

Copyright © 2008 Chi-Star Technology ℠

Subledger Accounting

Subledger Accounting:

For each Event Class and Event Type created in Step 1 perform the following:

1. Delete the current seeded Journal Lines Definition Name
2. Select from the List of Vales – the Custom Journal Lines Definition Name created in Step 1
3. Save Change
4. Once completed with all updates – Validate the Changes

Subledger Accounting

Subledger Accounting:

Delete the current seeded Journal Lines Definition Name

Subledger Accounting

Subledger Accounting:

Select from the List of Values – the Custom Journal Lines Definition Name create in Step 1

Subledger Accounting

Subledger Accounting:

Subledger Accounting

Subledger Accounting:

Validate the changes to the Application Accounting Definitions:

Subledger Accounting

Subledger Accounting:

Copyright © 2008 Chi-Star Technology SM

Subledger Accounting

Subledger Accounting:

3. **Link Custom Application Accounting Definitions to Subledger Accounting Methods**

   Navigator: Setup > Financials > Subledger Accounting Methods Builder >

   Methods and Definitions > Subledger Accounting Methods

Select the Find Button

Subledger Accounting

Subledger Accounting:

Search for the Method Code and Method Name (Copy Method Code)

Subledger Accounting

Subledger Accounting:

Copy Definition - Enter new Method Code and Name:

Subledger Accounting

Subledger Accounting:

Change the Name on the Assets Application Accounting Definition Assignments to what was created in Step 2
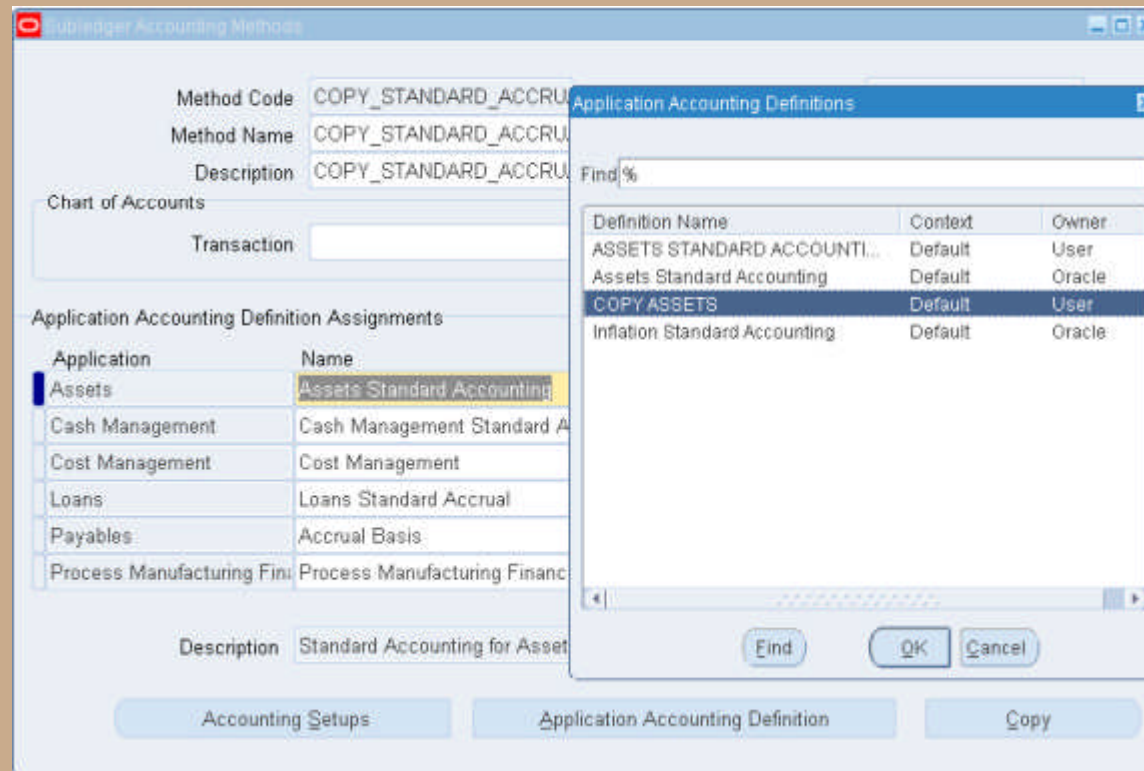
Subledger Accounting

Subledger Accounting:

Save change

Subledger Accounting

Subledger Accounting:

4. **Link Custom Subledger Accounting Methods to Ledger**

> Navigator: Setup > Financials > General Ledger > Accounting Setup Manager > Accounting Setups
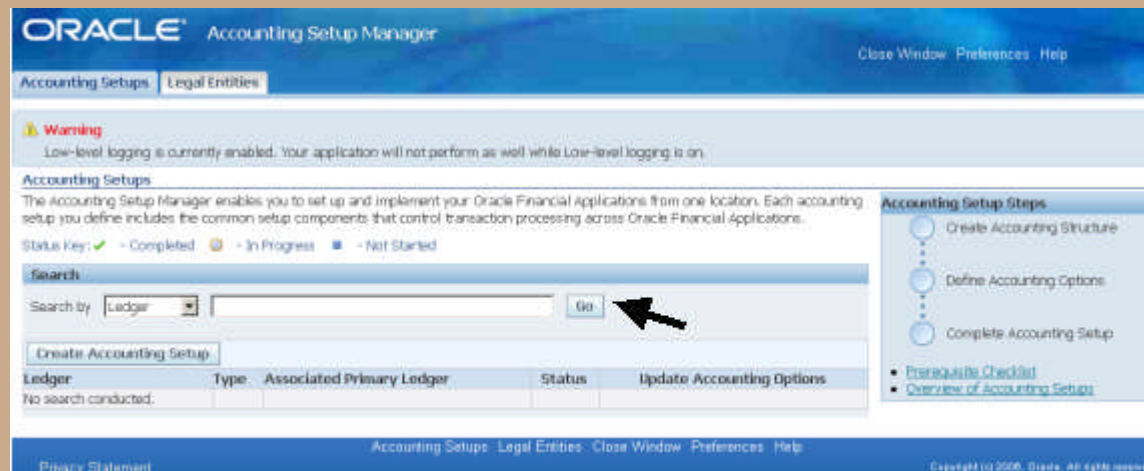
Select the Go Button

Subledger Accounting

Subledger Accounting:

Search and Select the Ledger:

Select the Update Accounting Options for the desired Ledger

Subledger Accounting

Subledger Accounting:

Select to Update the Ledger

Subledger Accounting

Subledger Accounting:

Assign the new Subledger Accounting Method to the Ledger in the Subledger Accounting section:

Save Change

R12 Changes

Payables to Assets Integration

Payables now has a new level of detail between Invoice Header and Invoice Distribution. The new level is Invoice Lines. At this new level new field are available to enter details that will integrate to Assets, these fields are:

- Manufacturer

- Model

- Serial Number

- Warranty Number

- Asset Book

- Asset Category

Event Accounting

Assets now has event accounting, meaning that every transaction is treated as a new event to the assets. The impact on assets are as follows:

- Audit trail will no longer show voided transaction types if changes occur in the month an asset was added

- No longer forced to delete assets in the period it was added, due to the event accounting – Oracle treats the addition and retirement as two separate events, so now Oracle allows assets to be retired in the period added

- Event accounting also allows for transferring accounting to GL multiple times in a period.

Auto-Prepare Mass Additions

New API's and QuickCodes are available to automate the Prepare Mass Additions process. There are default rules available, you can accept the defaults or choose to create custom rules. These API's and QuickCodes will automatically process data and assign the required data attributes, such as:

- **Depreciation Expense Account**
- **Asset Category**

Default Rules:

Asset Category – this is derived from the asset cost clearing account, as long as there is a one to one relationship between the account and asset category. This process will only impact items in the 'New' and 'On Hold' queue names.

Expense Account – this is derived from the clearing account combination and overlaying the natural account segment with the value of the natural account segment of the depreciation expense defined in the asset category. If the program cannot derive an expense combination, the queue name is set to 'On Hold'.

Auto-Prepare Mass Additions (Continue)

Notes:

This should minimize the amount of manual efforts involved in the Prepare Mass Additions Process. Manual updating is still required – some required fields may not be populated.

Asset Category – a one to one relationship between cost clearing account and asset category – this will expand the COA of many companies.

Expense Account – the expense combination is going to be derived from a BS account. Oracle will simply overlay the natural account segment, replacing the cost clearing account with the depreciation expense account leaving all other segment values alone. If there are certain requirements for P&L accounts versus BS accounts, I.e. cost center required for P&L, this may present issues.

Per Oracle - Location combination is not derived

Manual efforts are required to perform Merging, Splitting, Add to Assets, and Merge Then Split functionality.

Auto Depreciation Rollback

In Release 12, you will no longer be required to run the Rollback Depreciation process in order to make corrections to assets. After running depreciation (not closing the period) when a correction/change is required, simply choose the asset to modify. Oracle will automatically rollback depreciation for this single asset. Make your modifications and when you re-run depreciation, Oracle will re-calculate depreciation based off of the modifications made to the asset.

The features to rollback depreciation and rollback journal entries that are in R11i are no longer available in R12.

Notes:

This new feature should save time spent rolling back depreciation in order to make corrections.

Critical Patch 6812211 – fix data corruption when process is kicked-off

Month End Close

Create Accounting process is now used in Assets – journals are created not by a period, but by events and a date. This means that I can create accounting on the 15th of a month for all transactions performed at that time and then create accounting again at the end of the month. This allows for clients to view accounting prior to month end for events that will greatly impact the books (i.e. mass retirements, transfers, etc.)

R12 WebADI & XML Reports

WebADI

Oracle comes seeded with two ADI Templates. To create a new template follow these steps:

WebADI Conversion Template-Design:

1. Log into Oracle and select the Desktop Integrator responsibility
2. Select Define Layout from the Navigator
3. Select Fixed Assets – Additions from the drop down list of values
4. Select the Go button
5. Select Add Assets – Detailed
6. Select the Duplicate button
7. Enter new Layout Name (PCLN FA Conversion)
8. Select the Apply Button
9. Select the New Layout (PCLN FA Conversion)
10. Select the Update button
11. Select the Next button
12. Required Fields should reflect the following

WebADI

Oracle comes seeded with two ADI Templates. To create a new template follow these steps:

Required Fields			
Choose the placement for required fields in your document.			
Field Name	**Placement**	**Default Value**	**Default Type**
Corporate Asset Book	Context	Parameter-window-book	Parameter
Asset Type	Header 1	Capitalized	Constant
Depreciate	Header 1	Yes	Constant
Description	Line		None
Category	Line		None
Units	Line		None
Cost	Line		None
Location	Line		None
Expense Account	Line		None
Date Placed In Service	Line		None
Source System	Context		None
Queue Name	Header 1		None
Database	Context		None

Copyright © 2008 Chi-Star Technology sm

WebADI

Oracle comes seeded with two ADI Templates. To create a new template follow these steps:

13. Optional Fields should reflect the following

Optional Fields

Select the optional fields to include in your document and their placement.

Select All | Select None

Select	Field Name	Placement	Default Value	Default Type
☑	In Physical Inventory	Header 1 ▼		None ▼
☑	Asset Number	Line ▼		None ▼
☑	Clearing Account	Line ▼		None ▼
☑	Asset Key	Line ▼		None ▼
☑	Tag Number	Line ▼		None ▼
☑	Serial Number	Line ▼		None ▼
☑	Manufacturer Name	Line ▼		None ▼
☐	Model Number	Line ▼		None ▼
☐	Accounting Date	Line ▼		None ▼
☐	Employee Number	Line ▼		None ▼
☐	In Use	Line ▼		None ▼
☐	Ownership	Line ▼		None ▼
☐	Bought	Line ▼		None ▼
☐	Warranty Number	Line ▼		None ▼
☐	Property Type	Line ▼		None ▼
☐	Property Class	Line ▼		None ▼
☐	Unit Of Measure	Line ▼		None ▼
☑	Depreciation Reserve	Line ▼		None ▼

WebADI

Oracle comes seeded with two ADI Templates. To create a new template follow these steps:

	Field	Type		Value
☑	YTD Depreciation	Line ▾		None ▾
☐	Unrevalued Cost	Line ▾		None ▾
☐	Amortization Start Date	Line ▾		None ▾
☐	Amortize NBV	Line ▾		None ▾
☐	YTD Revaluation Expense	Line ▾		None ▾
☐	Revaluation Amortization Basis	Line ▾		None ▾
☐	Revaluation Reserve	Line ▾		None ▾
☐	Bonus YTD Depreciation	Line ▾		None ▾
☐	Bonus Depreciation Reserve	Line ▾		None ▾
☐	Comments	Line ▾		None ▾
☑	Invoice Number	Line ▾		None ▾
☑	Supplier Number	Line ▾		None ▾
☑	PO Number	Line ▾		None ▾
☑	Parent Asset	Line ▾		None ▾
☐	Distribution Set	Line ▾		None ▾
☐	Merge Invoice Number	Line ▾		None ▾
☐	Merge Vendor Number	Line ▾		None ▾
☐	Production Capacity	Line ▾		None ▾
☐	Short Fiscal Year Flag	Line ▾		None ▾
☐	Conversion Date	Line ▾		None ▾
☐	Original Depreciation Start Date	Line ▾		None ▾
☐	Group Asset	Line ▾		None ▾

WebADI

Oracle comes seeded with two ADI Templates. To create a new template follow these steps:

☐	Fully Reserved Revaluation Counter	Line ▼		None ▼
☐	Lease Number	Line ▼		None ▼
☑	Depreciation Method	Line ▼		None ▼
☑	Life in Months	Line ▼		None ▼
☐	Basic Rate	Line ▼		None ▼
☐	Adjusted Rate	Line ▼		None ▼
☐	Prorate Convention	Line ▼		None ▼
☐	Bonus Rule	Line ▼		None ▼
☐	Depreciation Limit Type	Line ▼		None ▼
☐	Depreciation Limit Amount	Line ▼		None ▼
☐	Depreciation Limit Percent	Line ▼		None ▼
☐	Salvage Type	Line ▼		None ▼
☐	Salvage Value	Line ▼		None ▼
☐	Salvage Value Percent	Line ▼		None ▼

WebADI

Oracle comes seeded with two ADI Templates. To create a new template follow these steps:

14. Select the Next button
15. Order the fields as required – reflect the following

Create Layout

Protect Sheet	No	
Style Sheet	Default	
Apply Filters	Yes	

Context

Prompt Span	3		Hint Span	1
Data Span	1			

Field Name	Move Up	Move Down	Hide
Corporate Asset Book	⊘	⊘	☐
Source System	⊘	⊘	☐
Database	⊘	⊘	☐

WebADI

Oracle comes seeded with two ADI Templates. To create a new template follow these steps:

WebADI

Oracle comes seeded with two ADI Templates. To create a new template follow these steps:

Line					

All fields before the Frozen Pane will be fixed in the spreadsheet. Select the first field in the list if you do not want a frozen pane.

Data Entry Rows: 18

Field Name	Move Up	Move Down	Read Only	Width	Frozen Pane
Asset Number	ⓐ	ⓥ	☐	15	○
Tag Number	ⓐ	ⓥ	☐	15	○
Asset Key	ⓐ	ⓥ	☐	15	○
Parent Asset	ⓐ	ⓥ	☐	15	○
Description	ⓐ	ⓥ	☐	15	○
Category	ⓐ	ⓥ	☐	15	○
Serial Number	ⓐ	ⓥ	☐	15	○
Units	ⓐ	ⓥ	☐	15	○
Date Placed In Service	ⓐ	ⓥ	☐	22	○
Cost	ⓐ	ⓥ	☐	15	○
YTD Depreciation	ⓐ	ⓥ	☐	15	○
Depreciation Reserve	ⓐ	ⓥ	☐	22	○
Life in Months	ⓐ	ⓥ	☐	15	○
Depreciation Method	ⓐ	ⓥ	☐	22	○
Expense Account	ⓐ	ⓥ	☐	15	○
Clearing Account	ⓐ	ⓥ	☐	15	○
Location	ⓐ	ⓥ	☐	15	○

WebADI

Oracle comes seeded with two ADI Templates. To create a new template follow these steps:

Supplier Number	Ⓐ	Ⓥ	☐	15	○
Manufacturer Name	Ⓐ	Ⓥ	☐	22	○
PO Number	Ⓐ	Ⓥ	☐	15	◉
Invoice Number	Ⓐ	Ⓥ	☐	15	○

16. Select the Apply button

WebADI Conversion Template-Select
17. Log into Oracle and select the Fixed Assets Manager responsibility
18. Select Mass Additions > Additions Integrator from the Navigator
19. Select Corporate Asset Book from the drop down list of values
20. Select the Continue button
21. Select the Viewer (Your version of Excel on the computer being used) from the drop down list of values
22. Select the Next button
23. Select the Layout from the drop down list of values (PCLN FA Conversion)
24. Select the Next button
25. Choose the Open the file

26. Choose the Enable Macros
27. Close Web page when it reflects the word Close
28. Enter the asset conversion details in the spreadsheet for each of the following periods:

Flexible Reporting Using XML Publisher

XML Publisher will be utilized in R12 for asset transaction reports.

- Create Accounting – Assets
- Transfer Journal Entries to GL – Assets
- Journal Entry Reserve ledger Report
- Asset Additions Report
- Asset Transfer Report
- Asset Retirement Report
- Transaction History Report
- Asset Reclassification Report
- Mass Additions Create Report
- Mass Additions Posting Report

- Cost Adjustments Report
- Cost Detail Report
- Cost Summary Report
- Reserve Detail Report
- Reserve Summary Report
- Mass Revaluation Preview Report
- Revaluation Reserve Detail Report
- Revaluation Reserve Summary Report
- CIP Capitalization Report
- CIP Detail Report
- CIP Summary Report

Flexible Reporting Using XML Publisher

XML Publisher will be utilized in R12 for asset transaction reports.

Asset Additions Report — Report Date: 06-AUG-2008 20:16

Currency: USD
Period: DEC-2007 to DEC-2007
Page: 1 of 99
Book: USD CORP
ENTITY: 110
Asset Type: Capitalized
Asset Account: 13010
COST CENTER: 675

Reserve Account	Asset Number - Description	Date Placed In Service	Deprn Method	Life Yr.Mo	Initial Cost	Year-To-Date Depreciation	Initial Deprn Reserve	Transaction Number
13510	001983 - PTX 515 UNREST S/W BDL	01-NOV-1999	STL	3.00	9,947.94	0.00	9,947.94	3641
	001984 - PIX 515 UNREST S/W BDL	01-NOV-1999	STL	3.00	9,947.94	0.00	9,947.94	3643
	001985 - PIX 515 UNREST S/W BDL	01-NOV-1999	STL	3.00	9,947.94	0.00	9,947.94	3645
	001986 - PIX MEMUPG 128MB DRAM MO	01-NOV-1999	STL	3.00	816.20	0.00	816.20	3647
	001987 - PIX MEMUPG 128MB DRAM MO	01-NOV-1999	STL	3.00	816.20	0.00	816.20	3649
	001988 - PIX MEMUPG 128MB DRAM MO	01-NOV-1999	STL	3.00	816.19	0.00	816.19	3651
	003298 - E250 RACK MOUNT KIT W/SH	20-JAN-2000	STL	3.00	699.60	0.00	699.60	3679
	003299 - COMPUSA COMPUTER EQUIPME	26-JAN-2000	STL	3.00	1,542.20	0.00	1,542.20	3681
	003333 - CPQ PII/450 PROCESSOR OP	28-JAN-2000	STL	3.00	858.10	0.00	858.10	3747
	003334 - CPQ PII/450 PROCESSOR OP	28-JAN-2000	STL	3.00	858.10	0.00	858.10	3749
	003335 - CPQ PII/450 PROCESSOR OP	28-JAN-2000	STL	3.00	858.10	0.00	858.10	3751
	003336 - CPQ PII/450 PROCESSOR OP	28-JAN-2000	STL	3.00	858.10	0.00	858.10	3753
	003337 - CPQ SMART ARRAY 4200 CON	28-JAN-2000	STL	3.00	2,349.44	0.00	2,349.44	3755
	003338 - CPQ 18.2GB SCSI ULTRA-WI	28-JAN-2000	STL	3.00	922.20	0.00	922.20	3757
	003339 - CPQ 18.2GB SCSI ULTRA-WI	28-JAN-2000	STL	3.00	922.20	0.00	922.20	3759
	003340 - CPQ 18.2GB SCSI ULTRA-WI	28-JAN-2000	STL	3.00	922.20	0.00	922.20	3761
	003341 - CPQ 18.2GB SCSI ULTRA-WI	28-JAN-2000	STL	3.00	922.20	0.00	922.20	3763
	003342 - CPQ PROLIANT STORAGE SYS	28-JAN-2000	STL	3.00	2,055.34	0.00	2,055.34	3765
	003343 - CPQ PROLIANT STORAGE SYS	28-JAN-2000	STL	3.00	2,055.34	0.00	2,055.34	3767
	003344 - CPQ PROLIANT STORAGE SYS	28-JAN-2000	STL	3.00	2,055.34	0.00	2,055.34	3769
	003345 - CPQ PROLIANT STORAGE SYS	28-JAN-2000	STL	3.00	2,055.34	0.00	2,055.34	3771

Flexible Reporting Using XML Publisher

XML Publisher will be utilized in R12 for asset transaction reports.

Change the report format to XLM via the System Administrator responsibility:

Navigator > Concurrent > Program > Define

Flexible Reporting Using XML Publisher

XML Publisher will be utilized in R12 for asset transaction reports.

ORACLE Assets

Asset Additions Report
Period   DEC-2007   -   DEC-2007

Report Date   06-Aug-2008 20:08
Page   1 of 220

Currency USD
Book USD CORP

Company 110

Asset Type Capitalized

Asset Account 13010

Department 675

Reserve Account 13510

Asset Number - Description	Date Placed In Service	Depreciation Method	Life In Yr.Mo	Initial Cost	Year-To-Date Depreciation	Initial Depreciation Reserve	Transaction Number
001983 - PIX 515 UNREST S/W BDL	01-NOV-99	STL	3.00	9,947.94	0.00	9,947.94	3641
001984 - PIX 515 UNREST S/W BDL	01-NOV-99	STL	3.00	9,947.94	0.00	9,947.94	3643
001985 - PIX 515 UNREST S/W BDL	01-NOV-99	STL	3.00	9,947.94	0.00	9,947.94	3645
001986 - PIX MEMUPG 128MB DRAM MODEL 500	01-NOV-99	STL	3.00	816.20	0.00	816.20	3647
001987 - PIX MEMUPG 128MB DRAM MODEL 500	01-NOV-99	STL	3.00	816.20	0.00	816.20	3649
001988 - PIX MEMUPG 128MB DRAM MODEL 500	01-NOV-99	STL	3.00	816.19	0.00	816.19	3651
003298 - E250 RACK MOUNT KIT W/SHIP & HANDLING	20-JAN-00	STL	3.00	699.60	0.00	699.60	3679
003299 - COMPUSA COMPUTER EQUIPMENT	26-JAN-00	STL	3.00	1,542.20	0.00	1,542.20	3681
003333 - CPQ PII/450 PROCESSOR OPTION KIT	28-JAN-00	STL	3.00	858.10	0.00	858.10	3747
003334 - CPQ PII/450 PROCESSOR OPTION KIT	28-JAN-00	STL	3.00	858.10	0.00	858.10	3749
003335 - CPQ PII/450 PROCESSOR OPTION KIT	28-JAN-00	STL	3.00	858.10	0.00	858.10	3751
003336 - CPQ PII/450 PROCESSOR OPTION KIT	28-JAN-00	STL	3.00	858.10	0.00	858.10	3753
003337 - CPQ SMART ARRAY 4200 CONTROLLER	28-JAN-00	STL	3.00	2,349.44	0.00	2,349.44	3755

Items not resolved in R12

Release 12, was suppose to resolve the issue of transferring assets between depreciation books – this was not resolved in R12 and is still a manual process.

Third party tool (AssetCross) still required to automate this process in R12.

Questions?