

11*i* Implement and Use Asset Management

Student Guide

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Table of Contents

R11i Overview of the Asset Management Process	1-1
Overview of the Asset Management Process.....	1-2
Online Help.....	1-3
Viewing Online Help.....	1-4
Objectives	1-5
Agenda.....	1-6
Managing Fixed Assets.....	1-8
Depreciating an Asset.....	1-9
Adding Assets from External Sources Using Mass Additions.....	1-10
Budgeting.....	1-11
Maintaining Tax Books	1-12
Reporting	1-13
Integrating with Other Applications	1-14
Setting Up Oracle Assets.....	1-15
ADI Family.....	1-16
Managing Fixed Assets.....	1-17
Managing Assets.....	1-18
Oracle Assets Transactions.....	1-19
Adding an Asset Manually	1-20
QuickAdditions.....	1-21
Detail Additions.....	1-22
Adjusting Assets	1-23
Transferring Assets.....	1-24
Transferring One or More Assets	1-25
Adjusting the Value of Assets	1-26
Review Question.....	1-27
Answer to Review Question	1-28
Depreciating an Asset.....	1-29
Depreciation.....	1-30
Depreciation Methods.....	1-31
Using the Production Interface	1-32
Production Interface.....	1-33
Retiring an Asset.....	1-34
Retiring and Reinstating Assets	1-35
Viewing Asset Information.....	1-36
Viewing Assets Online	1-37
Adding Assets from External Sources Using Mass Additions.....	1-38
Mass Additions	1-39
Adding an Asset from Invoice Lines	1-40
Adding Assets from Invoice Distribution Lines	1-41
Adding and Capitalizing a CIP Asset	1-42
CIP Assets.....	1-43
Integrating with Capital Projects	1-44
Integrating with Oracle Projects	1-45
Tracking Capital Projects in Oracle Projects	1-46
Using Oracle Projects to Track Capital Projects.....	1-47
Using Oracle Projects to Track Capital Projects (continued)	1-48
Creating a Capital Asset in Oracle Projects.....	1-49
Accounting CIP Transactions	1-50
Using the Mass Additions Interface.....	1-51
Using the Mass Additions Interface Table.....	1-52
Mass Additions Interface Table.....	1-53

Review Question.....	1-54
Answer to Review Question	1-55
Budgeting.....	1-56
Budgeting Assets	1-57
Preparing Capital Budgets and Projecting Depreciation.....	1-58
Preparing Budget Information Detail.....	1-59
Preparing Capital Budgeting.....	1-60
Projecting Depreciation for a Budget Asset.....	1-61
Projecting Depreciation	1-62
Using the Budget Open Interface.....	1-63
Uploading in the Budget Open Interface	1-64
Budget Open Interface	1-65
Maintaining a Tax Book	1-66
Creating a Tax Book.....	1-67
Creating Tax Books	1-68
Entering Information in Tax Books	1-69
Entering Tax Book Information.....	1-70
Adjusting Accumulated Depreciation.....	1-71
Asset Adjustments	1-72
Adjusting Depreciation Reserve in a Tax Book.....	1-73
Sharing Information Among Books.....	1-74
Using the ACE Interface in Oracle Assets.....	1-76
Reporting	1-77
Reporting, Reconciling, and Inventory Processing.....	1-78
Submitting a Report.....	1-79
Reconciling.....	1-80
Reconciling Asset Data.....	1-81
Performing Asset Inventory.....	1-82
Performing Physical Inventory	1-83
Integrating the Oracle Assets Product.....	1-84
Integrating with Other Products.....	1-85
Integrating Oracle Assets with other Products.....	1-86
Using Mass Additions to Integrate with Other Products	1-87
Integrating Oracle Assets with General Ledger.....	1-88
General Ledger	1-89
Integrating with General Ledger.....	1-90
Creating Journal Entries to the General Ledger	1-91
Creating Journal Entries.....	1-92
Review Question.....	1-93
Answer to Review Question	1-94
Setting Up Oracle Assets	1-95
Setting Up Asset Controls.....	1-97
Setting Up Controls in Oracle Assets	1-98
Setting Up Accounting Information.....	1-99
Asset Accounting Information.....	1-100
Defining Depreciation.....	1-101
Depreciation.....	1-102
Asset Categories	1-103
Setting Up the Asset Categories	1-104
Setting Up Additional Options	1-105
Additional Options.....	1-106
Cleaning Up Existing Data	1-107
Agenda.....	1-108
ADI Family.....	1-109
Familiar Spreadsheet Environment.....	1-110
ADI Integration.....	1-111
Assets Functionality.....	1-112

ADI Features.....	1-113
Create Assets	1-114
Creating Assets	1-115
Import Text Files	1-116
Importing Text Files	1-117
Record Physical Inventory.....	1-118
Recording Physical Inventory.....	1-119
Use Request Center.....	1-120
Using the Request Center	1-121
Review Question.....	1-122
Answer to Review Question	1-123
Summary.....	1-124
Setting Up Asset Controls	2-1
Setting Up Asset Controls.....	2-2
Objectives	2-3
Agenda.....	2-4
Setting Up Asset System Controls.....	2-5
Agenda.....	2-6
Defining the General Ledger Set of Books.....	2-7
Agenda.....	2-8
Defining the Oracle Assets Flexfields	2-9
Designing the Asset Category Flexfield	2-10
Designing the Location Flexfield.....	2-11
Defining a Location Flexfield.....	2-12
Setting Up the Location Flexfield.....	2-13
Designing the Asset Key Flexfield	2-14
Setting Up the Asset Category Flexfield	2-15
Defining an Asset Key Flexfield.....	2-16
Setting Up the Asset Key Flexfield	2-17
Demonstration.....	2-18
Agenda.....	2-19
Defining System Controls.....	2-20
Demonstration.....	2-21
Agenda.....	2-22
Create Location Combinations	2-23
Define Asset Keys	2-24
Agenda.....	2-25
Security by Book	2-26
Organizations and Security by Book	2-27
Responsibility and Security by Book.....	2-28
How Security by Book Is Used Within Process Flow	2-29
Demonstration.....	2-30
Implementation Considerations for Security by Book.....	2-31
Summary.....	2-32
Practice 1 Overview.....	2-33
Practice 1 Instructions with Solution	2-34
Hierarchy for Security by Book Vision Database.....	2-36
Practice 2 Overview.....	2-37
Practice 2 Instructions with Solution	2-38
Setting Up Asset Accounting Information	3-1
Setting Up Asset Accounting Information.....	3-2
Objectives	3-3
Agenda.....	3-4
Setting Up Accounting Information.....	3-5
Asset Accounting Information.....	3-6
Agenda.....	3-7

QuickCode Types	3-8
Agenda.....	3-9
Fiscal Years	3-10
Demonstration.....	3-11
Agenda.....	3-12
Using Calendars.....	3-13
Setting Up Calendars	3-14
Sharing Calendars.....	3-15
Shared Calendars	3-16
General Ledger Calendars	3-17
Demonstration.....	3-18
Agenda.....	3-19
Setting Up Journal Entry Formats.....	3-20
Summary.....	3-21
Practice 1 Overview.....	3-22
Practice 1 Instructions with Solution	3-23
Practice 2 Overview.....	3-25
Practice 2 Instructions with Solution	3-26
Setting Up Asset Depreciation	4-1
Setting Up Asset Depreciation.....	4-2
Objectives	4-3
Agenda.....	4-4
Defining Depreciation.....	4-5
Agenda.....	4-6
Defining Depreciation Books	4-7
Defining Depreciation Rules	4-8
Agenda.....	4-9
Additional Depreciation Methods.....	4-10
Formula-Based Depreciation	4-11
Creating Depreciation Formulas	4-13
Demonstration.....	4-14
Agenda.....	4-15
Defining Depreciation Ceilings	4-16
Agenda.....	4-17
Prorate Conventions.....	4-18
Specifying Dates for Prorate Conventions.....	4-19
Retirement Conventions	4-20
Agenda.....	4-21
Price Indexes.....	4-22
Agenda.....	4-23
Units of Measure.....	4-24
Summary.....	4-25
Practice 1 Overview.....	4-26
Practice 1 Instructions with Solution	4-27
Setting Up Asset Categories	5-1
Setting Up Asset Categories	5-2
Objectives	5-3
Agenda.....	5-4
Asset Categories	5-6
Setting Up Asset Categories	5-7
Agenda.....	5-8
Setting Up Default Depreciation Rules.....	5-9
Demonstration.....	5-10
Agenda.....	5-11
Setting Up an Asset's Extended Life	5-12
Summary.....	5-13

Practice 1 Overview.....	5-14
Practice 1 Instructions with Solution	5-15
Setting Up Additional Asset Options.....	6-1
Setting Up Additional Asset Options.....	6-2
Objectives	6-3
Agenda.....	6-4
Setting Up Options	6-5
Agenda.....	6-6
Creating Distribution Sets.....	6-7
Agenda.....	6-8
Defining Leases	6-9
Leases	6-10
Payment Schedules	6-11
Amortization Schedules.....	6-12
Demonstration.....	6-13
Practice 1 Overview.....	6-14
Practice 1 Instructions with Solution	6-15
Agenda.....	6-17
Financial Options.....	6-18
Suppliers	6-19
Practice 2 Overview.....	6-20
Practice 2 Instructions with Solution	6-21
Employees	6-22
Agenda.....	6-23
Warranties.....	6-24
Practice 3 Overview.....	6-25
Practice 3 Instructions with Solution	6-26
Agenda.....	6-28
Descriptive Flexfields.....	6-29
Agenda.....	6-30
Maintain Asset Insurance Values.....	6-31
Insurance Information.....	6-32
Calculation Methods.....	6-33
Swiss Assets	6-34
Practice 4 Overview.....	6-35
Practice 4 Instructions with Solution	6-36
Agenda.....	6-38
Profile Options.....	6-39
Account Generator: Purge Runtime Data	6-40
FA: Allow Swiss Special Assets.....	6-41
FA: Archive Table Sizing Factor.....	6-42
FA: Cache Sizing Factor.....	6-43
FA: Deprn Single.....	6-44
FA: Generate Expense Account.....	6-45
FA: Large Rollback Segment Name	6-46
FA: Number Mass Addition Parallel Requests.....	6-47
FA: Number of Parallel Requests	6-48
FA: Print Debug.....	6-49
FA: Print Timing Diagnostics.....	6-50
FA: Security Profile	6-51
Agenda.....	6-52
Cleaning Up Existing Data	6-53
Cleaning Up Historical Data.....	6-54
Using the Purge Security	6-55
Responsibility Security	6-56
Book Security	6-57

Status and Action Security.....	6-58
Purging Archived Data	6-59
Restoring Archived Data	6-60
Restoring Data	6-61
Demonstration.....	6-62
Summary.....	6-63
Practice 5 Overview.....	6-64
Practice 5 Instructions with Solution	6-65
Planning Your Oracle Assets Implementation.....	7-1
Planning Your Oracle Assets Implementation.....	7-2
Objectives	7-3
Agenda.....	7-4
Planning the Implementation	7-6
Deciding on the Setup Structure	7-7
Determining the Conversion Period	7-8
Obtaining Asset Information	7-9
Inquiring About Company History	7-10
Discussing Implementation Considerations.....	7-11
Formulating Setup Decisions.....	7-12
Planning Flexfield Structures.....	7-13
Planning the Category Flexfield	7-14
Planning the Location Flexfield.....	7-15
Planning the Asset Key Flexfield	7-16
Planning Asset Numbering	7-17
Defining Flexfield Concepts.....	7-18
Flexfield Types	7-19
Key Flexfields.....	7-20
Descriptive Flexfields.....	7-21
Implementing the Key Flexfields.....	7-22
Implementing Key Flexfields in Oracle Assets	7-23
Planning Your Flexfield Implementation	7-24
Deciding Which Flexfield to Implement	7-25
Learning About a Specific Flexfield.....	7-26
Planning the Structure.....	7-27
Planning the Segments.....	7-28
Planning the Segment Validation.....	7-29
Allowing for Future Needs	7-30
Planning the Flexfield Implementation.....	7-31
Using Additional Flexfield Features	7-32
Document Your Plan	7-33
Defining Function Security.....	7-34
Function Security Default.....	7-35
Function Security.....	7-36
Function Security for Country-Specific Functionality.....	7-37
Transferring Information into Oracle Assets	7-38
Transferring Information	7-39
Review Question.....	7-40
Answer to Review Question	7-41
Agenda.....	7-42
Preparing for Oracle Assets Setup	7-43
Setting Up Oracle Assets	7-44
Step 1: Define Set of Books.....	7-48
Step 2: Define Unit-of-Measure Classes.....	7-49
Step 3: Define Units-of-Measure.....	7-50
Step 4: Define Employees.....	7-51
Step 5: Define Descriptive Flexfields.....	7-52

Step 6: Decide How to Use the Account Generator.....	7-53
Step 7: Define Additional Journal Entry Sources	7-54
Step 8: Define Additional Journal Entry Categories	7-55
Step 9: Define Supplier and Employee Numbering Schemes	7-56
Step 10: Define Suppliers	7-57
Step 11: Define the Asset Key Flexfield.....	7-58
Step 12: Define the Asset Category Flexfield.....	7-59
Step 13: Define the Location Flexfield.....	7-60
Step 14: Define System Controls.....	7-61
Step 15: Define Your Locations	7-62
Step 16: Define Your Asset Keys	7-63
Step 17: Define Standard Asset Descriptions and QuickCode Values	7-64
Step 18: Define Fiscal Years	7-65
Step 19: Define Calendars	7-66
Step 20: Set Up Security by Book	7-67
Step 21: Define Asset Books	7-68
Step 22: Define Additional Depreciation Methods and Rates	7-69
Step 23: Define Depreciation Ceilings	7-70
Step 24: Define Investment Tax Credits.....	7-71
Step 25: Define Prorate and Retirement Conventions	7-72
Step 26: Define Price Indexes.....	7-73
Step 27: Define Asset Categories	7-74
Step 28: Define Distribution Sets	7-75
Step 29: Define Leases	7-76
Step 30: Define Warranties.....	7-77
Step 31: Set Profile Options.....	7-78
Step 32: Define Asset Insurance.....	7-79
Review Question.....	7-80
Answer to Review Question	7-81
Agenda.....	7-82
Converting Existing Asset Information	7-83
Transferring Data into Oracle Tables	7-84
Mapping Information into Identification Codes	7-85
Loading the FA_MASS_ADDITIONS Table	7-86
Filling in Additional Details	7-87
Sending Mass Additions to Oracle Assets.....	7-88
Agenda.....	7-89
Reconciling Asset Information	7-90
Running Systems in Parallel	7-91
Considering Other Conversion Issues.....	7-92
Considering Conversion Issues.....	7-93
Considering ACE Information.....	7-94
Maintaining an Audit Trail	7-95
Maintaining Audit Trails	7-96
Audit Trails: Adding an Asset	7-97
Audit Trails: Adjusting in the Period Added	7-99
Audit Trails: Running Depreciation.....	7-100
Audit Trails: Transferring an Asset	7-101
Audit Trails: Adjusting the Asset in a Later Period.....	7-102
Audit Trails: Tracking Distribution Information	7-103
Tracking the Cost of an Asset.....	7-104
Maintaining Audit Trails	7-105
Maintaining Seed Data	7-106
Summary.....	7-107
Manually Entering Assets	8-1
Manually Entering Assets.....	8-2

Objectives	8-3
Agenda.....	8-4
Adding Assets Manually.....	8-6
Entering Assets	8-7
Using QuickAdditions	8-8
Demonstration.....	8-9
Practice 1 Overview.....	8-10
Practice 1 Instructions with Solution	8-11
Agenda.....	8-13
Using Detailed Additions.....	8-14
Asset Workbench Windows for Detailed Additions.....	8-15
Specifying Asset Type.....	8-16
Depreciation Guidelines When Adding Assets.....	8-17
Date Placed in Service	8-18
Specifying Date Placed in Service.....	8-19
Default Date Placed In Service.....	8-20
Demonstration.....	8-21
Adding Assets to Tax Books	8-22
Assigning Assets to Warranties	8-23
Entering Assignment Information for Assets.....	8-24
Entering Purchasing Information for Assets.....	8-25
Review Question.....	8-26
Practice 2 Overview.....	8-28
Practice 2 Instructions with Solution	8-29
Recording Asset Additions	8-31
Asset Additions Journal Entries.....	8-32
Using Asset Additions Reports.....	8-33
Using Asset Additions Reports (continued).....	8-34
Agenda.....	8-35
Viewing Asset Information.....	8-36
Viewing Asset Information Online.....	8-37
Types of Asset Inquiries	8-38
Viewing Asset Information Windows	8-39
Demonstration.....	8-40
Using the Depreciation History Window.....	8-41
Using the Cost History Window	8-42
Viewing Accounting Lines	8-43
Practice 3 Overview.....	8-44
Practice 3 Instructions with Solution	8-45
Summary.....	8-47
Entering Asset Adjustments	9-1
Entering Asset Adjustments.....	9-2
Objectives	9-3
Agenda.....	9-4
Adjusting Assets	9-5
Agenda.....	9-6
Reclassifying an Asset.....	9-7
Recording a Reclassification Example	9-8
Agenda.....	9-9
Adjusting Units.....	9-10
How to Adjust Units.....	9-11
Recording a Unit Adjustment Example.....	9-12
Agenda.....	9-13
Adjusting Financial Information.....	9-14
How to Update Financial Data.....	9-15
Choosing to Expense or Amortize an Adjustment.....	9-16

Recording an Expensed Cost Adjustment Example.....	9-17
Recording an Amortized Cost Adjustment Example.....	9-18
How to Amortize an Adjustment Using a Retroactive Start Date.....	9-19
Recording a Dated Amortized Adjustment Example.....	9-20
Recording a Dated Amortized Adjustment Example--Journal Entries	9-21
Agenda.....	9-22
Using Mass Change	9-23
Demonstration.....	9-24
Recording an Expensed Adjustment Example.....	9-25
Mass Reclassifications.....	9-26
Demonstration.....	9-27
Practice 1 Overview.....	9-28
Practice 1 Instructions with Solution	9-29
Agenda.....	9-32
Transferring Assets.....	9-33
How to Transfer an Asset	9-34
Recording a Prior Period Transfer Example	9-35
Recording a Prior Period Transfer - Journal Entries	9-36
Recording an Intercompany Transfer Example	9-37
Demonstration.....	9-38
Using Reports	9-39
Practice 2 Overview.....	9-40
Practice 2 Instructions with Solution	9-41
Summary.....	9-43
R11i Manage Asset Retirements.....	10-1
Manage Asset Retirements	10-2
Objectives	10-3
Agenda.....	10-4
Tracking Asset Retirements.....	10-6
Overview of Retiring an Asset.....	10-8
Retiring an Asset.....	10-9
Retirement Types.....	10-10
Retiring an Asset Separately Across Depreciation Books	10-11
Agenda.....	10-12
Restrictions on Retirements and Reinstatements	10-13
Retirement and Reinstatement Restrictions	10-14
Fully Retiring Assets	10-17
Partially Retiring an Asset.....	10-18
Demonstration.....	10-20
Processing a Pending Retirement and Reinstatement	10-21
Processing Retirements and Reinstatements.....	10-22
Updating a Retirement Status	10-24
Review Question.....	10-26
Answer to Review Question	10-27
Agenda.....	10-28
Calculating Gains and Losses	10-29
Calculating Depreciation for the Period Retired.....	10-30
Prorate Convention and Retirement Convention	10-32
Recording Retirements and Reinstatements	10-33
Overview of Creating Retirement Journal Entries.....	10-34
Recording Retirements	10-36
Recording a Retirement on Multiple Accounts.....	10-37
Recording Retirement Journal Entries	10-40
Review Question.....	10-41
Answer to Review Question	10-42
Practice 1 Overview.....	10-43

Practice 1 Instructions with Solution	10-44
Demonstration.....	10-46
Agenda.....	10-47
Correcting Retirement and Reinstatement Errors	10-48
Reinstating Retired Assets.....	10-49
Reinstating Assets Using the Retirement Status	10-50
Recording Prior Period Reinstatement Entries	10-52
Demonstration.....	10-53
Practice 2 Overview.....	10-54
Practice 2 Instructions with Solution	10-55
Review Question.....	10-57
Answer to Review Question	10-58
Agenda.....	10-59
Retiring a Group of Assets.....	10-60
Demonstration.....	10-61
Agenda.....	10-62
Retirement Reports	10-63
Review Question.....	10-66
Answer to Review Question	10-67
Summary.....	10-68
Adding Assets from External Sources.....	11-1
Adding Assets from External Sources	11-2
Objectives	11-3
Agenda.....	11-4
Overview of Adding Assets from Invoice Distribution Lines	11-5
Using the Mass Additions Process.....	11-6
Improving Productivity.....	11-7
The Mass Additions Process.....	11-8
The Mass Additions Process Step 1 Create Mass Additions	11-9
The Mass Additions Process Step 2 Prepare Mass Additions.....	11-10
The Mass Additions Process Step 3 Post Mass Additions	11-11
The Mass Additions Process Step 4 Delete Mass Additions	11-12
Agenda.....	11-13
Using the Mass Additions Create Process in Oracle Assets	11-14
Creating Mass Additions	11-15
Entering Units in Purchasing	11-16
Entering Invoices in Payables.....	11-17
Entering Information in the Description Field.....	11-18
Entering Invoices to Create Mass Additions.....	11-19
Selecting Invoice Distributions in Oracle Payables.....	11-20
Importing Asset Invoice Lines.....	11-21
Tracking Expensed Items in Oracle Assets.....	11-22
Demonstration.....	11-23
Practice 1 Overview.....	11-25
Practice 1 Instructions with Solution	11-26
Agenda.....	11-28
Preparing Mass Additions.....	11-29
Preparing Mass Additions Lines to Become Assets	11-30
Adding Mass Additions Lines to Existing Assets.....	11-31
Marking Unwanted Mass Additions for Deletion.....	11-32
Assigning a Mass Additions Queue.....	11-33
Mass Additions Queues Assigned by Oracle Assets.....	11-34
Demonstration.....	11-35
Changing Asset Information.....	11-36
Demonstration.....	11-37
Using the Sum Units Check Box	11-38

Demonstration.....	11-39
Merging and Splitting Functionality.....	11-40
Merging after Splitting Mass Additions	11-41
Demonstration.....	11-42
Recording the Cost Adjustment.....	11-43
Recording Cost Adjustment Example.....	11-44
Review Question.....	11-45
Answer to Review Question	11-46
Agenda.....	11-47
Posting the Mass Additions	11-48
Using Post Mass Additions.....	11-49
Demonstration.....	11-50
Effect of Post Mass Additions on Queue Names	11-51
Practice 2 Overview.....	11-52
Practice 2 Instructions with Solution	11-53
Agenda.....	11-57
Deleting the Mass Additions.....	11-58
Using Delete Mass Additions	11-59
Running the Delete Mass Additions Program.....	11-60
Purging the Mass Additions.....	11-61
Using Purge Mass Additions	11-62
Running the Purge Mass Additions Program.....	11-63
Using Asset Additions Reports.....	11-64
Agenda.....	11-66
Adding Assets in a Short Tax Year	11-67
Summary.....	11-68
Adding Construction-In-Process (CIP) Assets	12-1
Adding Construction-in-Process (CIP) Assets.....	12-2
Overview	12-3
Objectives	12-4
Agenda.....	12-6
Adding and Capitalizing a CIP Asset	12-8
Building CIP Assets.....	12-9
Adding CIP Assets.....	12-10
Automatically Adding CIP Assets to Tax Books.....	12-11
Demonstration.....	12-12
Performing Transactions on CIP Assets in Tax Books.....	12-13
Adjusting CIP Asset in Tax Book Example.....	12-14
Capitalizing CIP Assets in Tax Books.....	12-15
Review Question.....	12-16
Agenda.....	12-18
Modifying the Cost of CIP Assets	12-19
Demonstration.....	12-20
Recording a CIP Asset Addition.....	12-21
Demonstration.....	12-22
Transferring Invoice Lines Between Assets	12-23
Demonstration.....	12-24
Entering Journal Entries for Transferring Lines	12-25
Journalizing Invoice Lines Transfer	12-26
Entering Journal Entries for Transferring Lines	12-27
Agenda.....	12-28
Capitalizing a CIP Asset.....	12-29
Updating Asset Fields When Capitalizing CIP Assets	12-30
Updating Transaction Types When Capitalizing CIP Assets.....	12-31
Entering Journal Entries When Capitalizing CIP Assets	12-32
Demonstration.....	12-33

Reversing the Capitalized Asset	12-34
Demonstration.....	12-35
Recording a Capitalization Adding and Capitalizing in the Same Period	12-36
Journal Entries for Adding and Capitalizing in the Same Period	12-37
Recording a Capitalization Adding and Capitalizing in Different Periods	12-38
Journal Entries for Adding and Capitalizing in Different Periods	12-39
Practice 1 Overview	12-40
Practice 1 Instructions with Solution - Step 1	12-41
Practice 1 Instructions with Solution - Step 2	12-42
Practice 1 Instructions with Solution - Step 3	12-43
Practice 1 Instructions with Solution - Step 4	12-45
Practice 1 Instructions with Solution - Step 5	12-46
Using CIP Reports	12-47
Agenda.....	12-48
Tracking Capital Projects in Oracle Projects	12-49
Discussing Capital Projects Flow Integration	12-50
Creating Mass Additions from Oracle Projects	12-51
Integrating Oracle Projects with Oracle Assets	12-52
Agenda.....	12-53
Defining Capital Assets in Oracle Projects.....	12-54
Demonstration.....	12-55
Agenda.....	12-56
Placing a CIP Asset in Service in Oracle Projects.....	12-57
Demonstration.....	12-58
Generating the Asset Lines	12-59
Using Generate Asset Lines.....	12-60
Demonstration.....	12-61
Sending CIP Asset Lines to Oracle Assets	12-62
Using Interface Assets	12-63
Demonstration.....	12-64
Agenda.....	12-65
Reversing and Recapitalizing in Projects	12-66
Reversing Capitalization in Oracle Projects Before Deprecation Begins	12-67
Reversing Capitalization in Oracle Assets After Deprecation Begins	12-68
Recapitalizing Assets.....	12-69
Answer to Review Question	12-70
Agenda.....	12-72
Using Mass Additions to Add CIP Assets from Oracle Projects	12-73
Reviewing Mass Addition Lines.....	12-74
Posting Mass Addition Lines.....	12-75
Summary.....	12-76
Creating Assets Using Oracle Applications Desktop Integrator (ADI).....	13-1
Creating Assets Using Oracle Applications Desktop Integrator (ADI)	13-2
Objectives	13-3
Agenda.....	13-4
Oracle Assets Integration.....	13-6
Using ADI to Create Assets.....	13-7
Using the Assets Toolbar in ADI.....	13-8
Agenda.....	13-9
Creating an Asset Worksheet.....	13-10
Demonstration.....	13-11
Practice 1 Overview	13-12
Practice 1 Instructions with Solution	13-13
Entering Data in a Worksheet.....	13-14
Entering Flexfield Combinations.....	13-15
Cross-Validation Rules	13-16

Marking the Upload Column	13-17
Demonstration.....	13-18
Practice 2 Overview.....	13-19
Practice 2 Instructions with Solution - Step 1	13-20
Practice 2 Instructions with Solution - Step 2.....	13-22
Practice 2 Instructions with Solution - Step 3.....	13-24
Practice 2 Instructions with Solution - Step 4.....	13-25
Agenda.....	13-26
Uploading to Oracle Assets	13-27
Selecting Create Assets Now Option.....	13-28
Creating Assets After Upload Option.....	13-29
Troubleshooting the Upload Process	13-30
Demonstration.....	13-31
Practice 3 Overview.....	13-33
Practice 3 Instructions with Solution - Step 1	13-34
Practice 3 Instructions with Solution - Step 2.....	13-35
Agenda.....	13-36
Creating a Template.....	13-37
Including Required Fields.....	13-38
Using Dependent Fields.....	13-39
Demonstration.....	13-41
Practice 4 Overview.....	13-42
Practice 4 Instructions with Solution	13-43
Agenda.....	13-46
Importing Data into a Worksheet.....	13-47
Selecting Import Assets Text File Parameters	13-48
Creating a Mapping Template	13-49
Demonstration.....	13-50
Practice 5 Overview.....	13-51
Practice 5 Instructions with Solution	13-52
Summary.....	13-54
R11i Generate Depreciation.....	14-1
Generate Depreciation	14-2
Objectives	14-3
Agenda.....	14-4
Depreciating an Asset.....	14-6
Running Depreciation.....	14-7
Rerunning Depreciation.....	14-8
Rerunnable Depreciation	14-9
Handling Exceptions.....	14-10
Rolling Back Depreciation.....	14-11
Practice 1 Introduction.....	14-12
Practice 1 Instructions and Solution	14-13
Agenda.....	14-15
Using Depreciation Methods	14-16
Depreciation Methods.....	14-17
Determining the Depreciation Method	14-18
Life-Based Depreciation Methods	14-19
Using the Cost Life-Based Method.....	14-20
Calculating Depreciation by Cost Life-Based Method	14-21
Using the Net Book Value Life-Based Method	14-22
Calculating Depreciation by Net Book Value Life-Based Method.....	14-23
Using the Flat-Rate Method.....	14-24
Depreciating by Flat-Rate Method.....	14-25
Calculating Depreciation by Flat-Rate Method	14-26
Using the Units-of-Production Method	14-27

Depreciating by Units-of-Production Method	14-28
Calculating Depreciation	14-29
Calculating Depreciation by Units-of-Production Method	14-30
Calculating Depreciation Using the Units-of-Production Method.....	14-31
Production Methods Restrictions.....	14-32
Restrictions on Changing a Depreciation Method	14-33
Restrictions on Changing Capacity.....	14-34
Demonstration.....	14-35
Agenda.....	14-36
Depreciating the Salvage Value of an Asset	14-37
Agenda.....	14-38
Depreciating During Extended Life.....	14-39
Example.....	14-40
The Journey to Depreciation Appreciation	14-41
Depreciating Assets	14-42
Agenda.....	14-43
Completing Transactions Before Running Depreciation	14-44
Completing Transactions Before Running Depreciation (continued).....	14-45
Demonstration.....	14-46
Using Reports to Reconcile Oracle Assets to the General Ledger.....	14-47
Using Reports to Reconcile Oracle Assets to the General Ledger (continued)	14-48
Useful Depreciation Reports.....	14-49
Practice 2 Overview.....	14-51
Practice 2 Instructions and Solution	14-52
Agenda.....	14-54
Projecting Depreciation for an Asset	14-55
Projecting Depreciation	14-56
Projecting Depreciation (continued).....	14-57
Defining a Projection.....	14-58
The Depreciation Projections Program.....	14-59
What is Included in Depreciation Projections.....	14-60
What is Not Included in Depreciation Projections.....	14-61
Demonstration.....	14-62
What-If Depreciation Analysis for Future Assets.....	14-63
Using What-If Depreciation Analysis on Existing Assets	14-64
What-if Depreciation Analysis for Future Assets	14-65
Demonstration.....	14-66
Practice 3 Overview.....	14-67
Practice 3 Instructions and Solution	14-68
Summary.....	14-70
Using Unplanned Depreciation and Revaluation.....	15-1
Using Unplanned Depreciation and Revaluation.....	15-2
Objectives	15-3
Agenda.....	15-4
Adjusting Asset Value by Unplanned Depreciation and Revaluation	15-6
Adjusting the Value of Assets	15-7
Unplanned Depreciation	15-8
Revaluation.....	15-9
Agenda.....	15-10
Using Unplanned Depreciation.....	15-11
When to Use Unplanned Depreciation	15-12
Preparing to Use Unplanned Depreciation.....	15-13
Unplanned Depreciation Restrictions	15-14
Demonstration.....	15-15
Recording Unplanned Depreciation Choosing Not to Amortize	15-16
Choosing Not to Amortize.....	15-17

Recording Unplanned Depreciation.....	15-18
Recording Unplanned Depreciation Choosing to Amortize	15-19
Recording Unplanned Depreciation.....	15-20
Practice 1 Overview.....	15-21
Practice 1 Instructions with Solution	15-22
Agenda.....	15-24
Revaluing an Asset	15-25
Revaluing Assets	15-26
Applying the Revaluation Formula.....	15-27
Demonstration.....	15-28
Controlling Mass Revaluation	15-29
Using the Status Field to Control Mass Revaluation	15-30
Discussing Revaluation Restrictions.....	15-31
Discussing Revaluation Rules	15-32
Recording Revaluation	15-33
Recording Revaluation Revaluing Accumulated Depreciation	15-34
Recording Revaluation Accumulated Depreciation Not Revalued.....	15-35
Using Reports	15-37
Practice 2 Overview.....	15-38
Practice 2 Instructions with Solution	15-39
Summary.....	15-41
Manage Asset Budgets.....	16-1
Manage Asset Budgets.....	16-2
Objectives	16-3
Agenda.....	16-4
Overview of Budgeting.....	16-5
Budgeting Assets	16-6
Agenda.....	16-7
Discussing Budget Information	16-8
Entering Budget Data Major Category Level	16-9
Entering Budget Data Full Category Flexfield	16-10
Using the Budget Open Interface.....	16-11
Uploading in the Budget Open Interface	16-12
Manually Entering or Updating Budget Information.....	16-13
Demonstration.....	16-14
Creating Budget Assets.....	16-15
Agenda.....	16-16
Using Budgeting Reports.....	16-17
Comparing Actual and Planned Spending	16-18
Capital Spending Report.....	16-19
Projecting Depreciation for an Asset	16-20
Projecting Depreciation	16-21
Review Question.....	16-22
Answer to Review Question	16-23
Summary.....	16-24
R11i Manage Asset Maintenance	17-1
Manage Asset Maintenance	17-2
Objectives	17-3
Agenda.....	17-4
Performing Physical Inventory	17-6
What is Physical Inventory?	17-7
Perform a Physical Inventory	17-8
Demonstration.....	17-9
Agenda.....	17-10
Running the Physical Inventory Comparison Program.....	17-11
Physical Inventory Comparison.....	17-12

Physical Inventory Comparison (continued).....	17-13
Viewing Comparison Results	17-14
Review Question.....	17-15
Answer to Review Question	17-16
Agenda.....	17-17
Reconciling Inventory Differences	17-18
Demonstration.....	17-19
Practice 1 Overview.....	17-20
Practice 1 Instructions and Solution	17-21
Agenda.....	17-22
Integrating ADI with Oracle Assets.....	17-23
Creating a Physical Inventory Worksheet.....	17-24
Entering Data in a Physical Inventory Worksheet.....	17-25
Uploading to Oracle Assets	17-26
Rows to Upload Region.....	17-27
Duplicate Assets Region.....	17-28
Compare Physical Inventory Region	17-29
Review Question.....	17-30
Answer to Review Question	17-31
Demonstration.....	17-32
Practice 2 Overview.....	17-33
Practice 2 Instructions and Solution	17-34
Practice 3 Overview.....	17-35
Practice 3 Instructions and Solution	17-36
Using ADI to Submit the Physical Inventory Comparison Report	17-38
Creating a Template.....	17-39
Demonstration.....	17-40
Practice 4 Overview.....	17-41
Practice 4 Instructions and Solution	17-42
Practice 5 Overview.....	17-44
Practice 5 Instructions and Solution	17-45
Agenda.....	17-47
Asset Maintenance.....	17-48
Administer Asset Repair and Maintenance.....	17-49
Scheduling Asset Maintenance.....	17-50
Asset Maintenance Considerations	17-51
Asset Maintenance Considerations: Workflow Features	17-52
Review Question.....	17-53
Answer to Review Question	17-54
Agenda.....	17-55
Viewing Maintenance Schedules.....	17-56
Agenda.....	17-57
Purging Maintenance Schedules.....	17-58
Demonstration.....	17-59
Practice 6 Overview.....	17-60
Practice 6 Instructions and Solution	17-61
Summary.....	17-63
Manage Tax Basis Asset Books.....	18-1
Manage Tax Basis Asset Books.....	18-2
Objectives	18-3
Agenda.....	18-4
Creating a Tax Book.....	18-6
Discussing Tax Rules	18-7
Demonstration.....	18-9
Setting Up Tax Book Categories: Prerequisites.....	18-10
Demonstration.....	18-11

Practice 1 Overview.....	18-12
Practice 1 Instructions with Solution	18-13
Agenda.....	18-20
Entering Information in Tax Books	18-21
Populating the Tax Book by Initial Mass Copy	18-22
Populating the Tax Book	18-23
Demonstration.....	18-24
Populating the Tax Book by Periodic Mass Copy	18-25
Running Periodic Mass Copy	18-26
Updating a Tax Book Manually.....	18-27
Demonstration.....	18-28
Practice 2 Overview.....	18-29
Practice 2 Instructions with Solution	18-30
Agenda.....	18-31
Deferred Income Tax Liability	18-32
Calculating Deferred Depreciation	18-33
Future Deferred Income Tax Liability	18-34
Agenda.....	18-35
Adjusting Accumulated Depreciation.....	18-36
Adjusting Depreciation Reserve for a Single Asset.....	18-37
Demonstration.....	18-38
Creating Reserve Adjustment Journal Entries	18-39
Adjusting Depreciation Reserve for All Assets	18-40
Controlling Mass Depreciation Adjustment	18-41
Calculating Mass Depreciation Adjustment	18-42
Practice 3 Overview.....	18-43
Practice 3 Instructions with Solution	18-44
Agenda.....	18-46
Maintain CIP Assets in Tax Books	18-47
Adding CIP Assets to Tax Books	18-48
Agenda.....	18-50
Creating an ACE Tax Book	18-51
Verifying ACE Setup with ACE Reports	18-52
Updating an ACE Tax Book.....	18-53
Summary.....	18-54
R11i Reconcile Assets	19-1
Reconcile Assets.....	19-2
Objectives	19-3
Agenda.....	19-4
Reporting	19-6
Submitting Reports	19-7
Identifying Reports	19-8
Demonstration.....	19-9
Agenda.....	19-10
Reconciling Data in Oracle Assets	19-11
Reconciling Oracle Assets Data.....	19-12
Generating Reports to Reconcile to the General Ledger	19-13
Using Reports to Reconcile to the General Ledger.....	19-14
Reconciling an Asset Cost Account.....	19-15
Using General Ledger Reports to Reconcile Asset Cost Accounts	19-16
Using Oracle Assets Reports to Reconcile Asset Cost Accounts	19-17
Review Question.....	19-18
Answer to Review Question	19-19
Agenda.....	19-20
Reconciling Asset Cost Accounts.....	19-21
Agenda.....	19-22

Reconciling a CIP Cost Account	19-23
Agenda.....	19-24
Reconciling a Reserve Account.....	19-25
Agenda.....	19-26
Reconciling Depreciation Expense.....	19-27
Using Reports to Reconcile Depreciation Expense Accounts	19-28
Agenda.....	19-29
Reconciling a Mass Addition.....	19-30
Using Reports to Reconcile Mass Additions	19-31
Using Reports to Reconcile Mass Additions (continued)	19-32
Review Question.....	19-33
Answer to Review Question	19-34
Summary.....	19-35
Practice 1 Overview.....	19-36
Practice 1 Instructions and Solution	19-37

Preface

Profile

Prerequisites

- R11i Navigating Oracle Applications

How This Course Is Organized

This course is an instructor-led course featuring lecture and hands-on exercises. Online demonstrations and written practice sessions reinforce the concepts and skills introduced.

Related Publications

Oracle Publications

Additional Publications

- System release bulletins
- Installation and user's guides
- read.me files
- Oracle Magazine

Typographic Conventions

Typographic Conventions in Text

Convention	Element	Example
Bold italic	Glossary term (if there is a glossary)	The <i>algorithm</i> inserts the new key.
Caps and lowercase	Buttons, check boxes, triggers, windows	Click the Executable button. Select the Can't Delete Card check box. Assign a When-Validate-Item trigger to the ORD block. Open the Master Schedule window.
Courier new, case sensitive (default is lowercase)	Code output, directory names, filenames, passwords, pathnames, URLs, user input, usernames	Code output: <code>debug.set ('I', 300);</code> Directory: <code>bin (DOS), \$FMHOME (UNIX)</code> Filename: Locate the <code>init.ora</code> file. Password: User <code>tiger</code> as your password. Pathname: Open <code>c:\my_docs\projects</code> URL: Go to <code>http://www.oracle.com</code> User input: Enter <code>300</code> Username: Log on as <code>scott</code>
Initial cap	Graphics labels (unless the term is a proper noun)	Customer address (<i>but</i> Oracle Payables)
Italic	Emphasized words and phrases, titles of books and courses, variables	Do <i>not</i> save changes to the database. For further information, see <i>Oracle7 Server SQL Language Reference Manual</i> . Enter <code>user_id@us.oracle.com</code> , where <i>user_id</i> is the name of the user.
Quotation marks	Interface elements with long names that have only initial caps; lesson and chapter titles in cross-references	Select "Include a reusable module component" and click Finish. This subject is covered in Unit II, Lesson 3, "Working with Objects."
Uppercase	SQL column names, commands, functions, schemas, table names	Use the SELECT command to view information stored in the LAST_NAME column of the EMP table.

Convention	Element	Example
Arrow	Menu paths	Select File—> Save.

Brackets	Key names	Press [Enter].
Commas	Key sequences	Press and release keys one at a time: [Alternate], [F], [D]
Plus signs	Key combinations	Press and hold these keys simultaneously: [Ctrl]+[Alt]+[Del]

Typographic Conventions in Code

Convention	Element	Example
Caps and lowercase	Oracle Forms triggers	When-Validate-Item
Lowercase	Column names, table names	SELECT last_name FROM s_emp;
	Passwords	DROP USER scott IDENTIFIED BY tiger;
	PL/SQL objects	OG_ACTIVATE_LAYER (OG_GET_LAYER ('prod_pie_layer'))
Lowercase italic	Syntax variables	CREATE ROLE <i>role</i>
Uppercase	SQL commands and functions	SELECT userid FROM emp;

Typographic Conventions in Navigation Paths

This course uses simplified navigation paths, such as the following example, to direct you through Oracle Applications.

(N) Invoice > Entry > Invoice Batches Summary (M) Query > Find (B) Approve

This simplified path translates to the following:

1. (N) From the Navigator window, select Invoice > Entry > Invoice Batches Summary.
2. (M) From the menu, select Query > Find.
3. (B) Click the Approve button.

Notations :

(N) = Navigator

(M) = Menu

(T) = Tab

(I) = Icon

(H) = Hyperlink

(B) = Button

Typographical Conventions in Help System Paths

This course uses a “navigation path” convention to represent actions you perform to find pertinent information in the Oracle Applications Help System.

The following help navigation path, for example—

(Help) General Ledger > Journals > Enter Journals

—represents the following sequence of actions:

1. In the navigation frame of the help system window, expand the General Ledger entry.
2. Under the General Ledger entry, expand Journals.
3. Under Journals, select Enter Journals.
4. Review the Enter Journals topic that appears in the document frame of the help system window.

Getting Help

Oracle Applications provides you with a complete online help facility.

Whenever you need assistance, simply choose an item from the Help menu to pinpoint the type of information you want.

To display help for a current window:

1. Choose Window Help from the Help menu, click the Help button on the toolbar, or hold down the Control key and type 'h'.

A web browser window appears, containing search and navigation frames on the left, and a frame that displays help documents on the right.

The document frame provides information on the window containing the cursor. The navigation frame displays the top-level topics for your responsibility, arranged in a tree control.

2. If the document frame contains a list of topics associated with the window, click on a topic of interest to display more detailed information.

3. You can navigate to other topics of interest in the help system, or choose Close from your web browser's File menu to close help.

Searching for Help

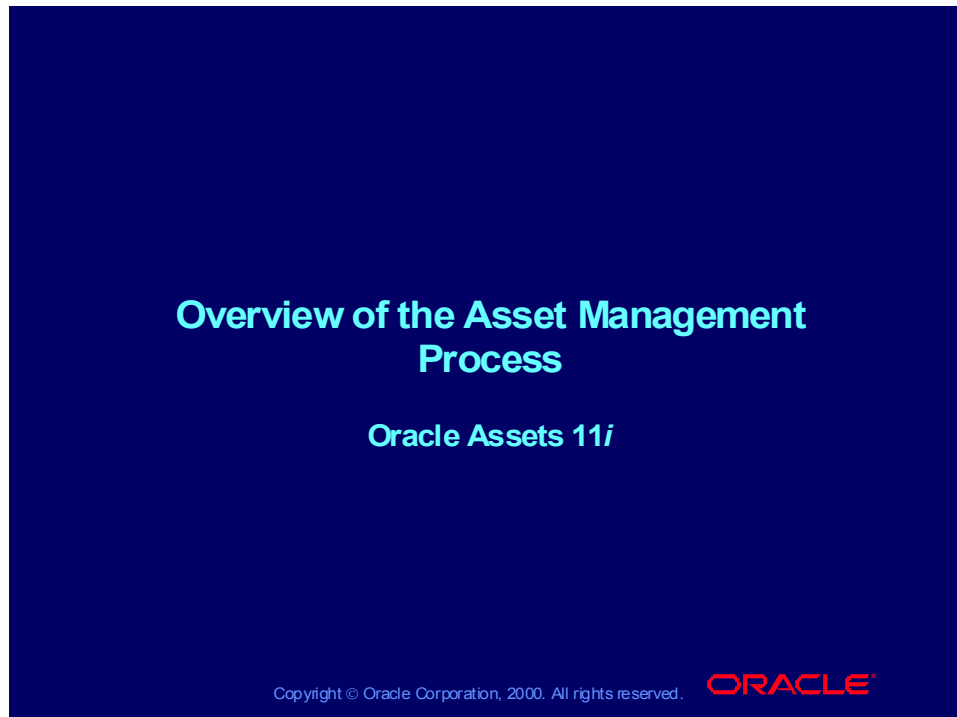
You can perform a search to find the Oracle Applications help information you want. Simply enter your query in the text field located in the top-left frame of the browser window when viewing help, then click the adjacent Find button.

A list of titles, ranked by relevance and linked to the documents in question, is returned from your search in the right-hand document frame. Click on whichever title seems to best answer your needs to display the complete document in this frame. If the document doesn't fully answer your questions, use your browser's Back button to return to the list of titles and try another.

R11i Overview of the Asset Management Process

Chapter 1

Overview of the Asset Management Process



Notations:

(N) = Navigator

(T) = Tab

(I) = Icon

(H) = Hyperlink

(B) = Button

(Help) = Oracle Applications Help System

Online Help

Use the Oracle Assets online HTML Help for detailed explanations of how to use the product, including:

- Product functionality
- Window references
- Explanations of the user interface

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Viewing Online Help

You can view HTML Help in the following ways:

- **From an application, use the help icon or the help menu to open a new Web browser and display help about that window**
- **Use the documentation CD**
- **Use a URL provided by your system administrator**

To search for information in the online Help, you can either use the expandable menu to search for topics in the menu structure we provide, or use the Search feature to search for words or phrases.

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Objectives

Objectives

After this course, you should be able to:

- **Describe Oracle Assets processes**
- **Describe how ADI works with Oracle Assets**

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Agenda

Agenda

- Oracle Assets processes
- Using ADI with Oracle Assets

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Agenda

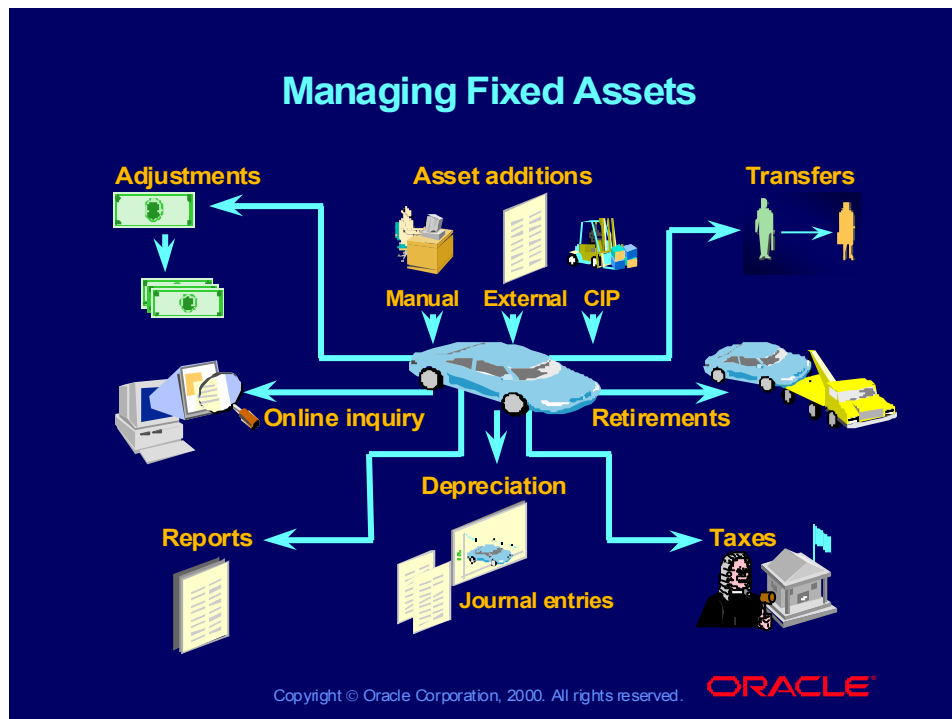
Agenda

- **Oracle Assets processes**
- Using ADI with Oracle Assets

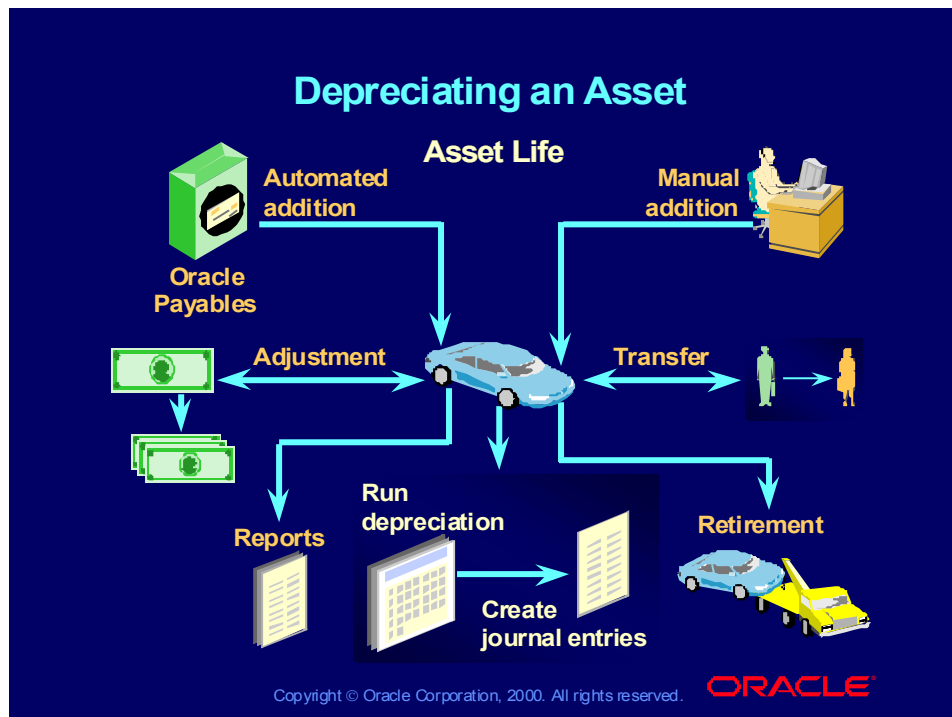
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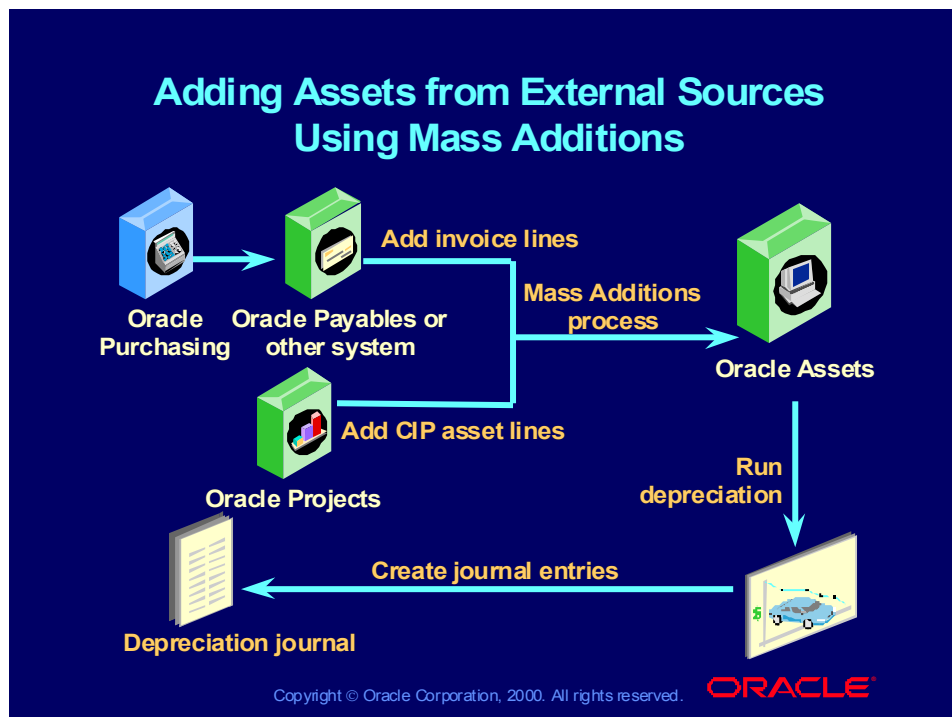
Managing Fixed Assets



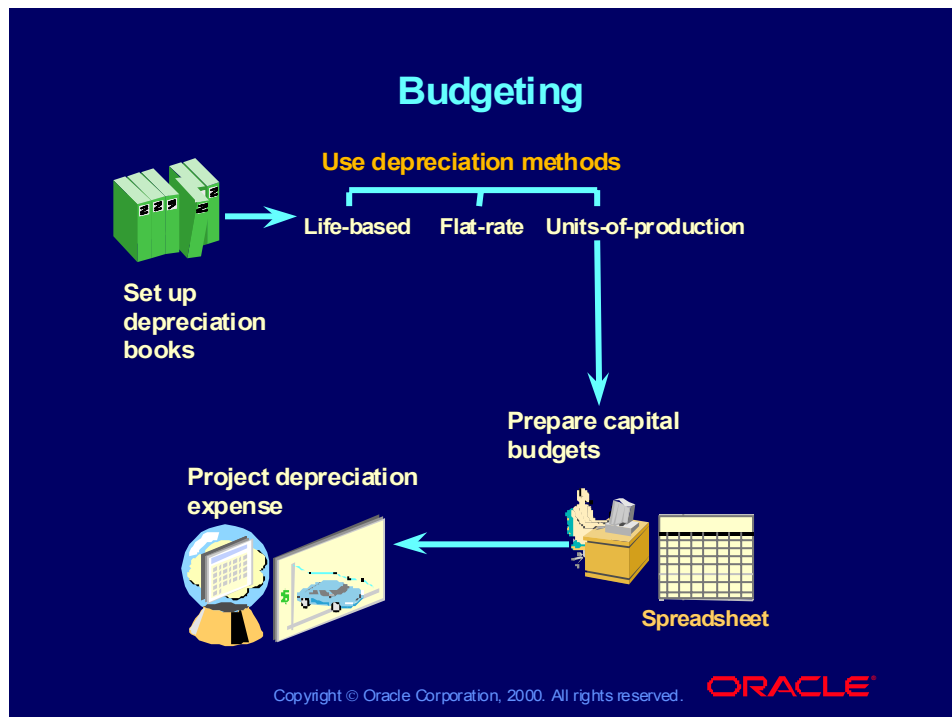
Depreciating an Asset



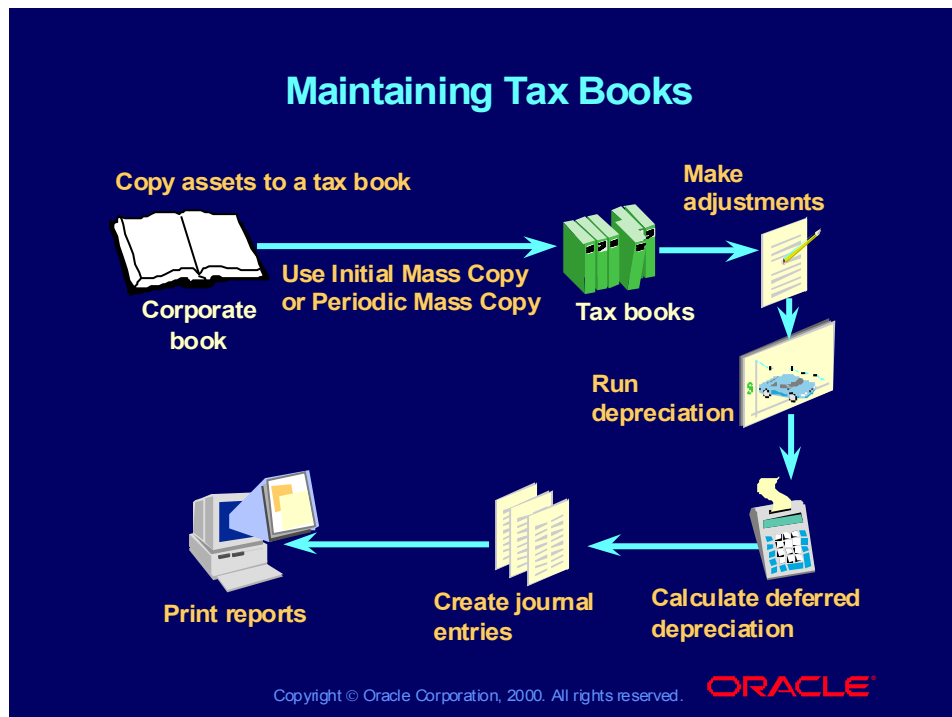
Adding Assets from External Sources Using Mass Additions



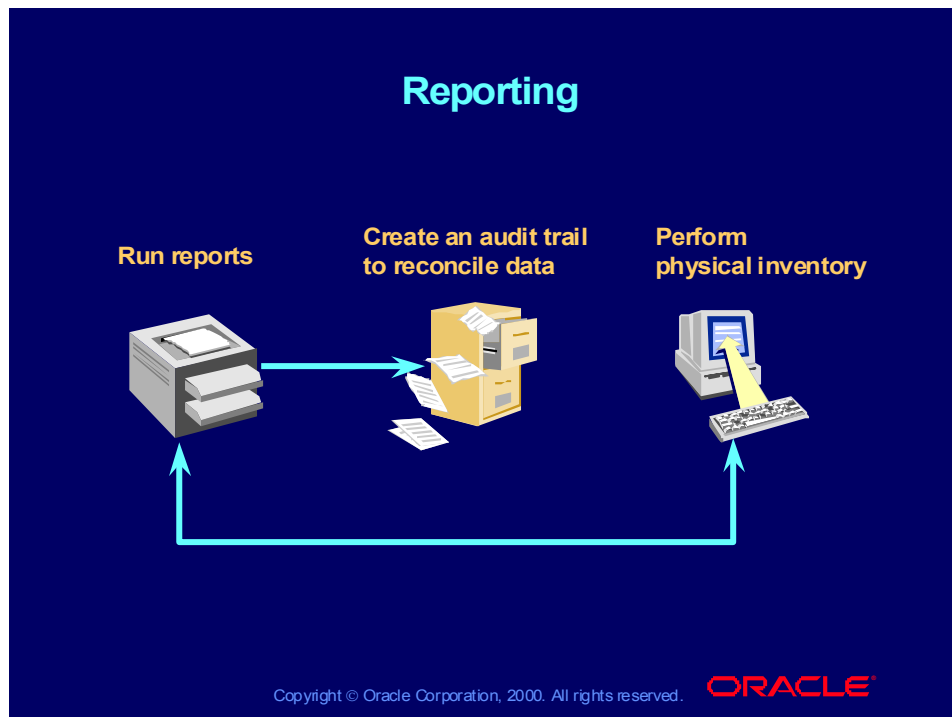
Budgeting



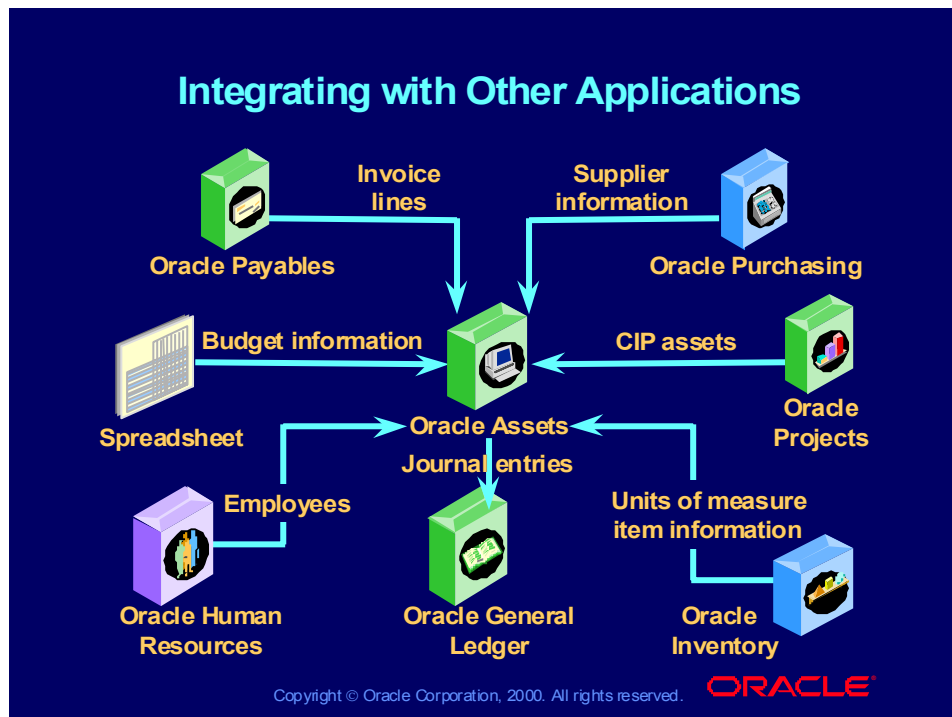
Maintaining Tax Books



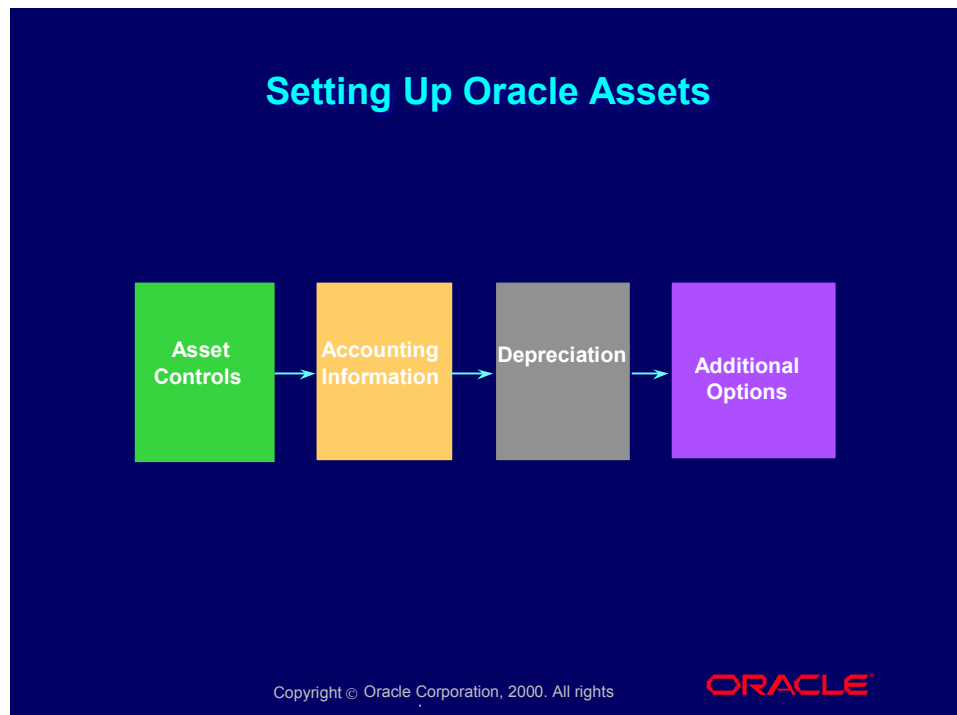
Reporting



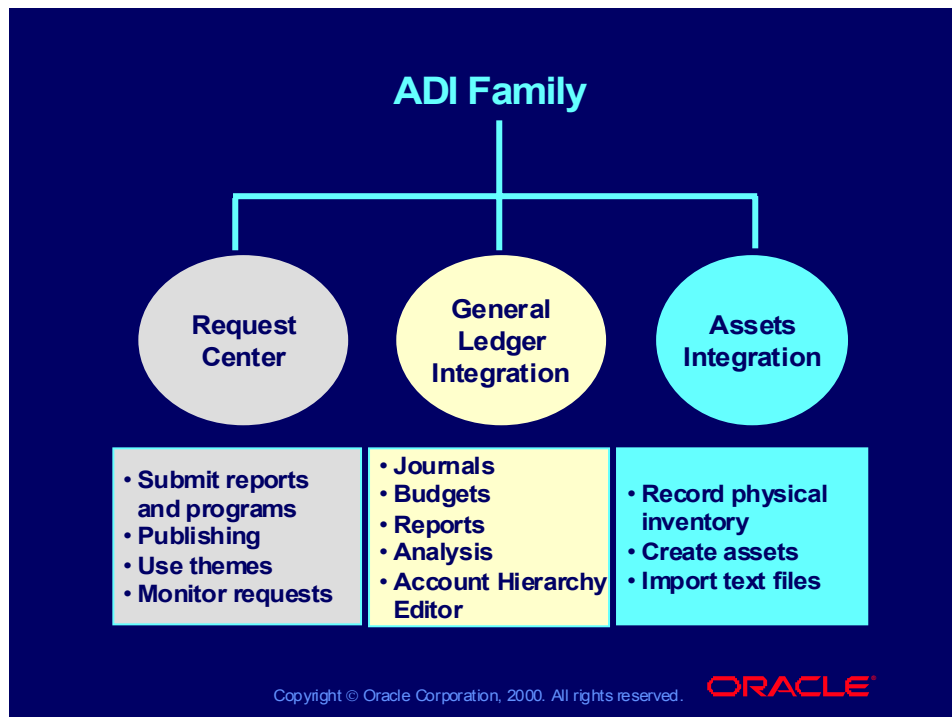
Integrating with Other Applications



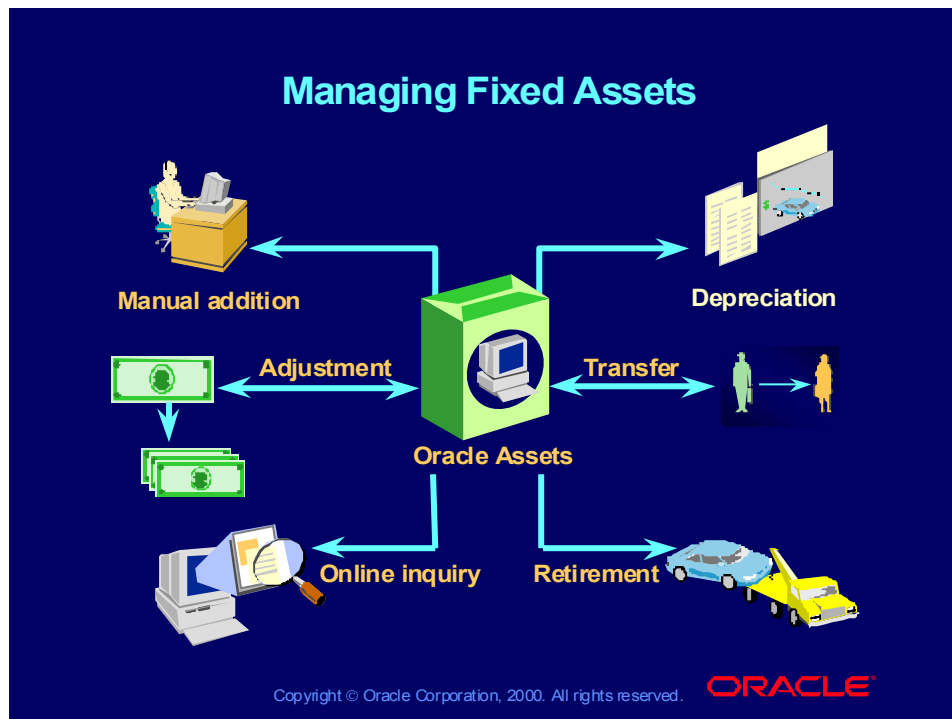
Setting Up Oracle Assets



ADI Family



Managing Fixed Assets



Managing Assets

Use Oracle Assets to:

- **Add, transfer, adjust, and retire assets singly or in groups**
- **Accommodate unforeseen circumstances, such as fluctuating economies**
- **Generate reports to keep you informed of updates to assets**
- **Calculate depreciation and create journal entries for each book**

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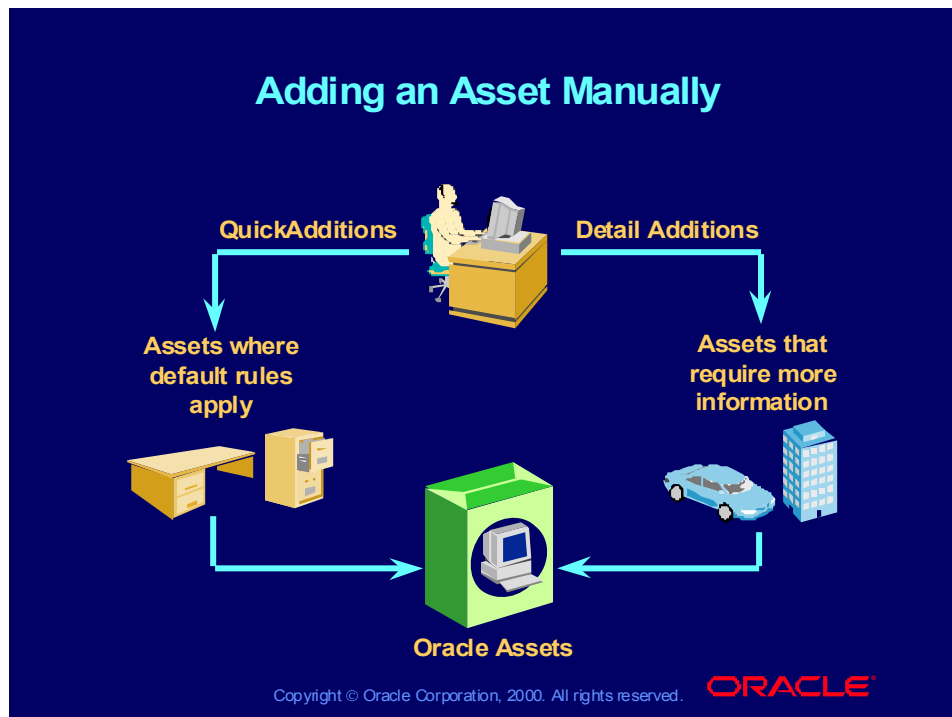
Oracle Assets Transactions

- Manual additions
- Mass additions
- Adjustments
- Special adjustments
- Transfers
- Depreciation
- Retirements
- Online inquiries

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Adding an Asset Manually



QuickAdditions

Use QuickAdditions:

- To add assets quickly
- When default rules apply

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Detail Additions

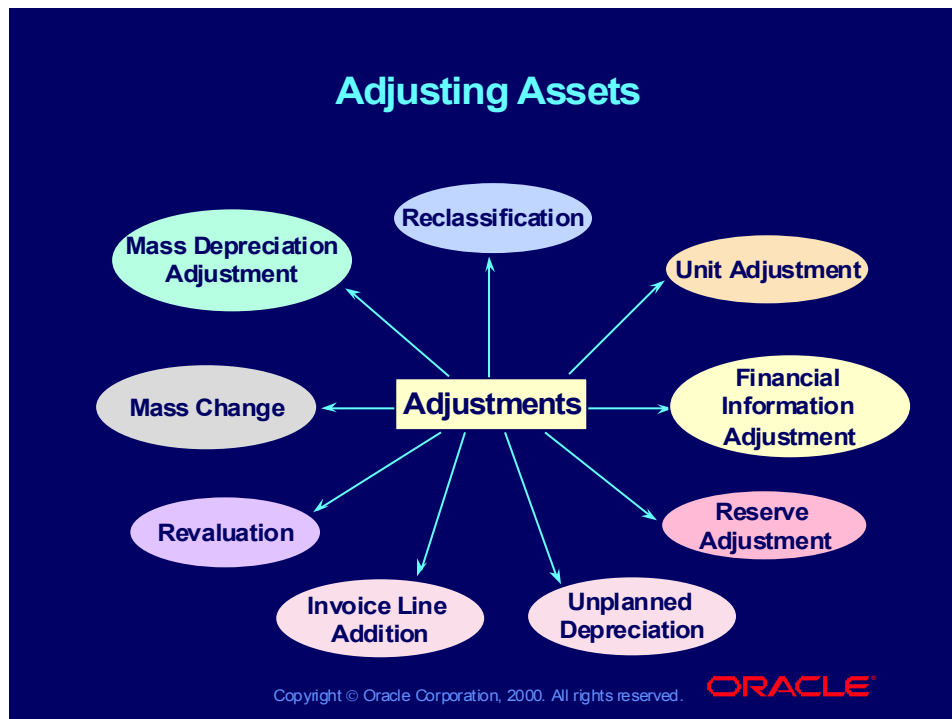
Use Detail Additions when an asset requires Additional information, such as:

- **Assets with a salvage value**
- **Assets with more than one assignment**
- **Assets with more than one source line**
- **Assets to which the category default depreciation rules do not apply**
- **Subcomponent assets**
- **Leased assets and leasehold improvements**

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Adjusting Assets




Transferring Assets


Transferring Assets

General Ledger Number	
Company	03
Region	300
Cost Center	300
Account	3000
Product	300
SubAcct	3030

US.CA.SF.BLDG1




Charles Ackroyd
Employee 33




**Depreciation
Expense Accounts**

General Ledger Number	
Company	03
Region	300
Cost Center	300
Account	3000
Product	300
SubAcct	3030

FR.GV.PA.BLDG3



Sandy Chen
Employee 117



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Transferring One or More Assets

- **Assign and transfer assets to several employees, locations, and general ledger accounts.**
- **Transfer all or part of an asset.**
- **Backdate a transfer in the current period.**
- **Transfer groups of assets.**

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Adjusting the Value of Assets

- **Apply unplanned depreciation or revaluation to assets added in a prior period.**
- **Adjust an asset's net book value by adding additional depreciation.**
- **Use revaluation to adjust the value of assets to reflect inflation or deflation.**

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Review Question

Review Question

Use QuickAdditions to Add assets using defaults.

- A. True**
- B. False**

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Answer to Review Question

Answer to Review Question

Use QuickAdditions to Add assets using defaults.

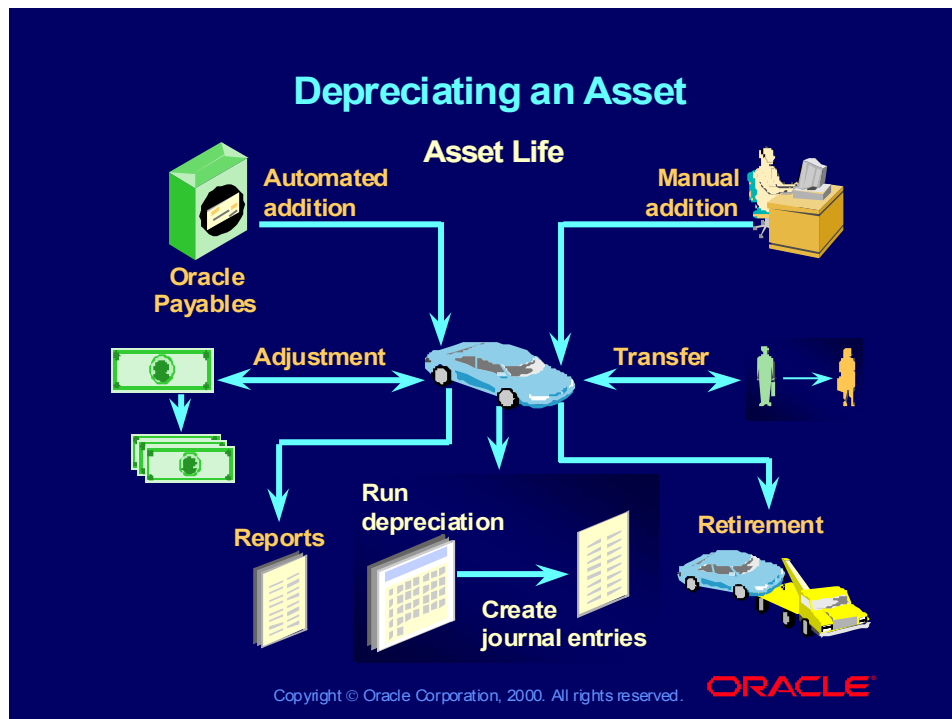
A. True

B. False

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Depreciating an Asset



Depreciation

- Calculate and record depreciation for each book independently.
- Run the Create Journal Entry program.
- You cannot reopen a period once it is closed.

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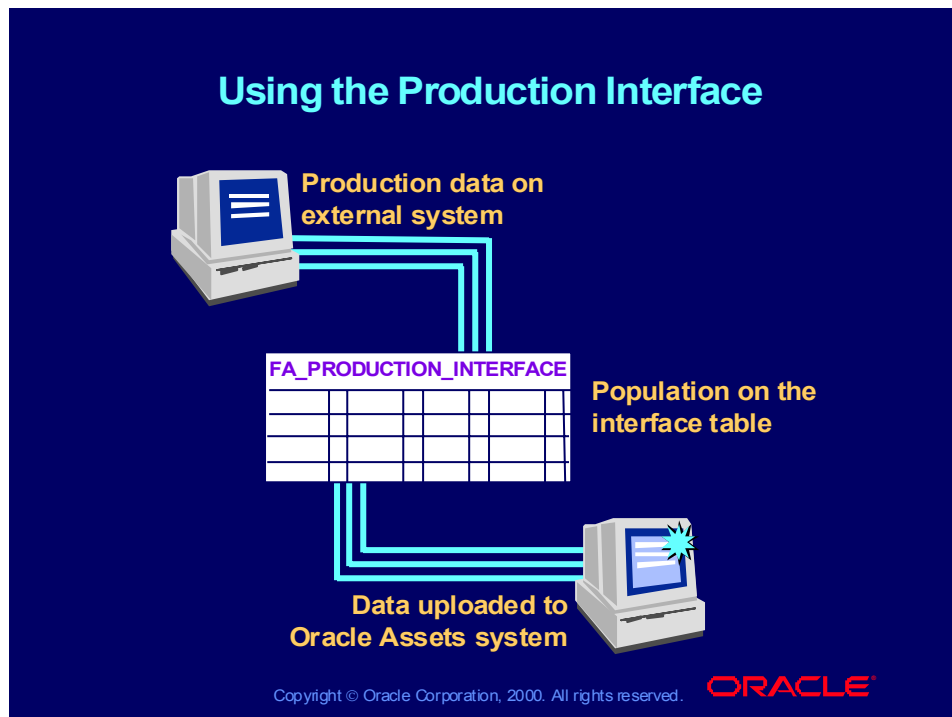
Depreciation Methods

- **Straight-line**
- **Flat-rate**
- **Table-based**
- **Calculated**
- **Units of production**

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Using the Production Interface



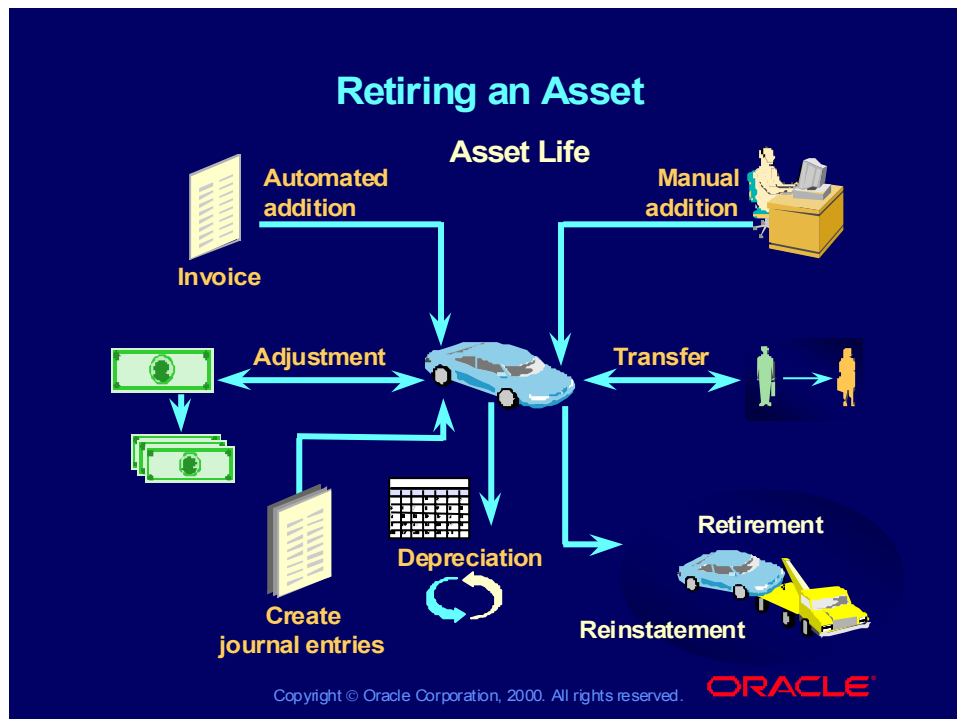
Production Interface

- Enter production information manually or upload it from another system.
- Prepare and analyze production information and transfer it to Oracle Assets.
- Run the Upload Production program to move the production information into Oracle Assets.
- Run the Production History report to review the status of all imported items.
- Use the Periodic Production form to review or change the production information.

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Retiring an Asset



Retiring and Reinstating Assets

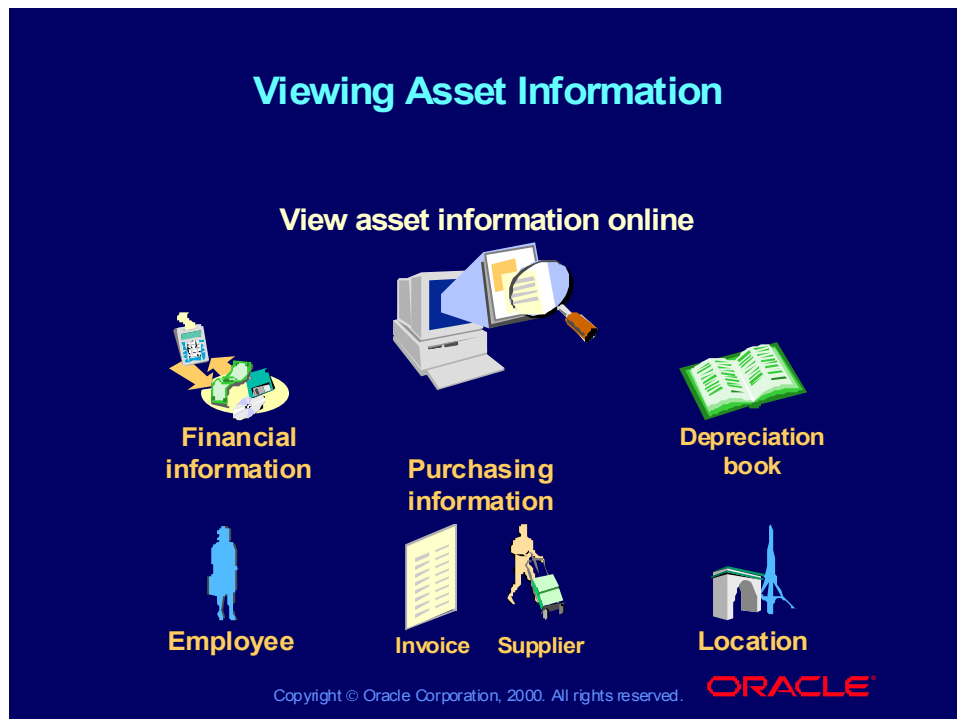
Use Oracle Assets to retire or reinstate assets:

- **Full retirement:** retire entire asset
- **Partial retirement:** retire part of an asset
- **Reinstatement:** Reinstatement (undo) a retirement

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Viewing Asset Information



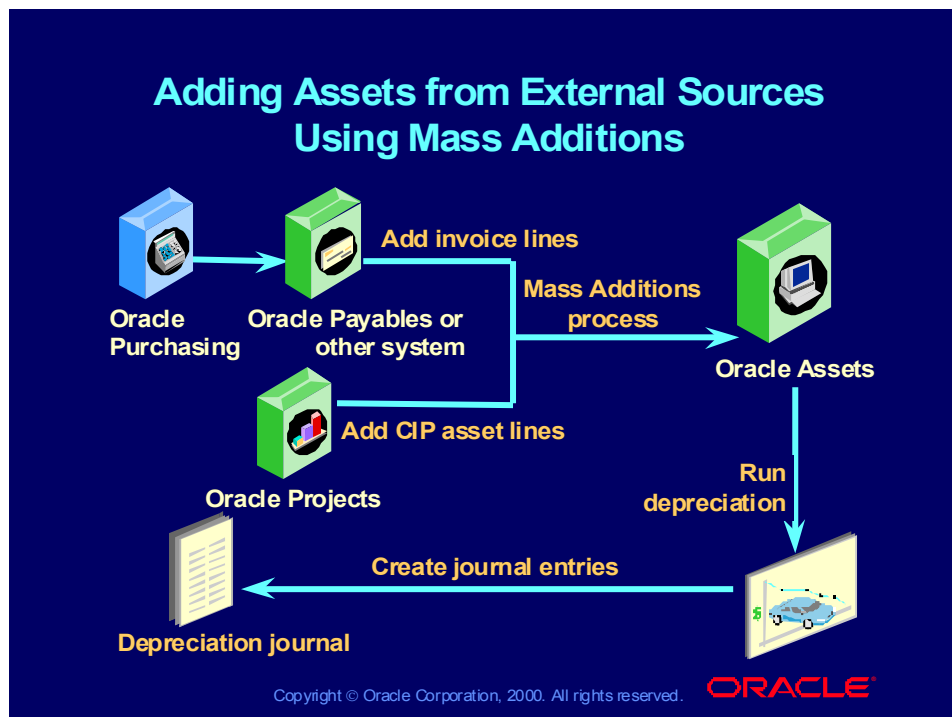
Viewing Assets Online

- **Financial Inquiry:** View an asset's identification, purchasing, and financial information
- **Assignments Inquiry:** View an asset's general ledger number, location, or employee
- **Lease Inquiry:** View the lessor, lease number, or lease description of an asset
- **Invoice Inquiry:** View the vendor, invoice, or purchase order
- **Transaction History:** View a summary of all the transactions performed on an asset
- **Cost Inquiry:** View invoicing information for assets

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Adding Assets from External Sources Using Mass Additions



Mass Additions

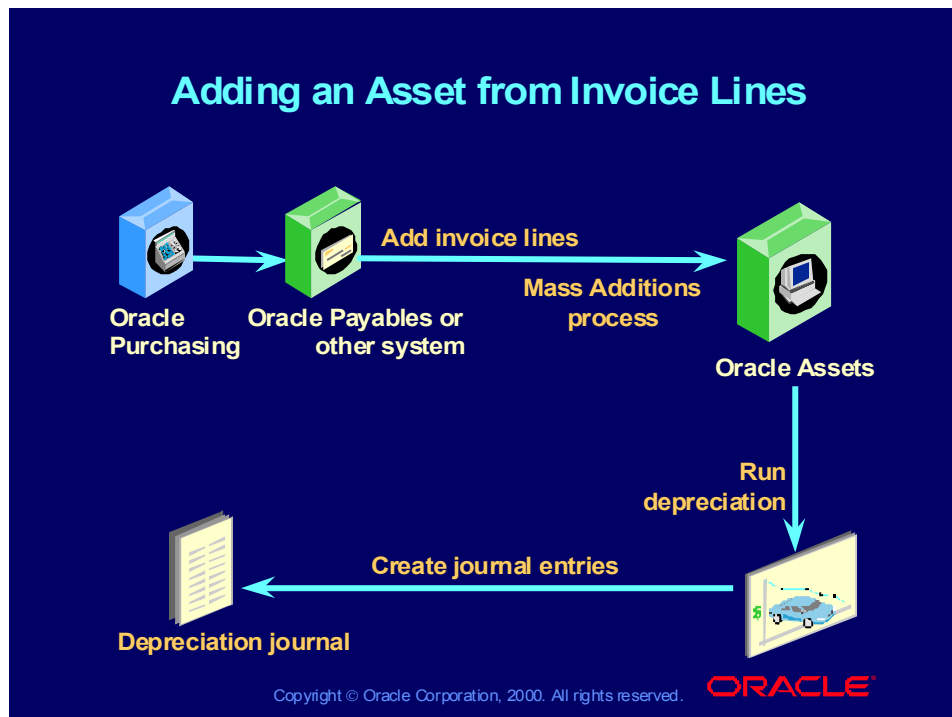
Use the mass additions process to add assets from:

- Invoice distribution lines in Oracle Payables
- Construction-in-process (CIP) assets in Oracle Projects
- Another assets system

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Adding an Asset from Invoice Lines



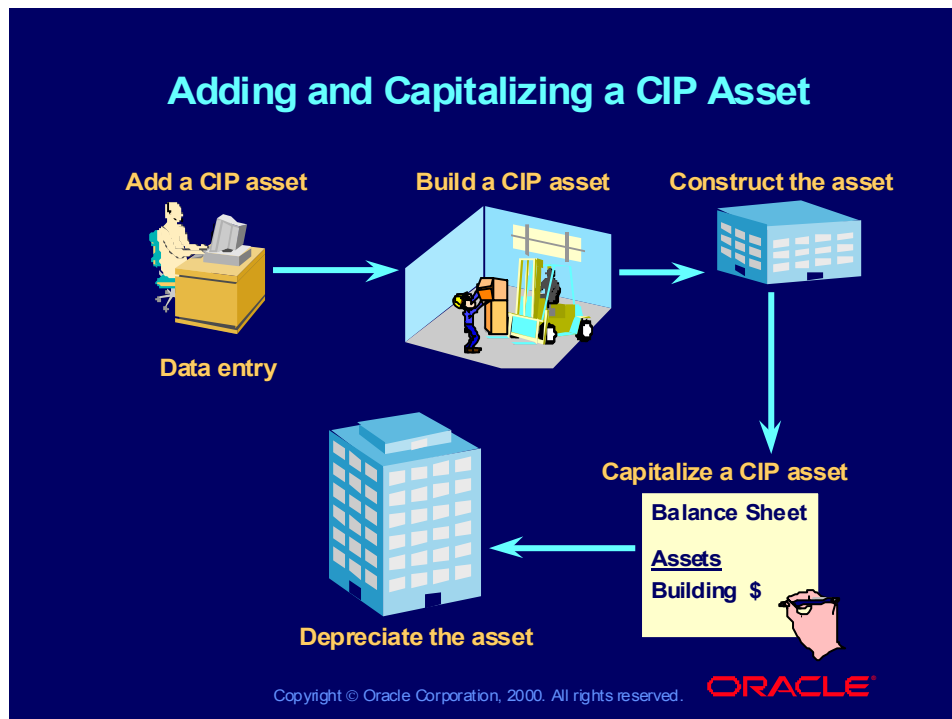
Adding Assets from Invoice Distribution Lines

- **Add assets and cost adjustments automatically into Oracle Assets from Oracle Payables.**
- **Improve productivity by avoiding manual reentry.**
- **Enter purchase orders in Oracle Purchasing and receive invoices in Oracle Payables.**
- **Oracle Assets can easily be integrated with other payables systems.**

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Adding and Capitalizing a CIP Asset



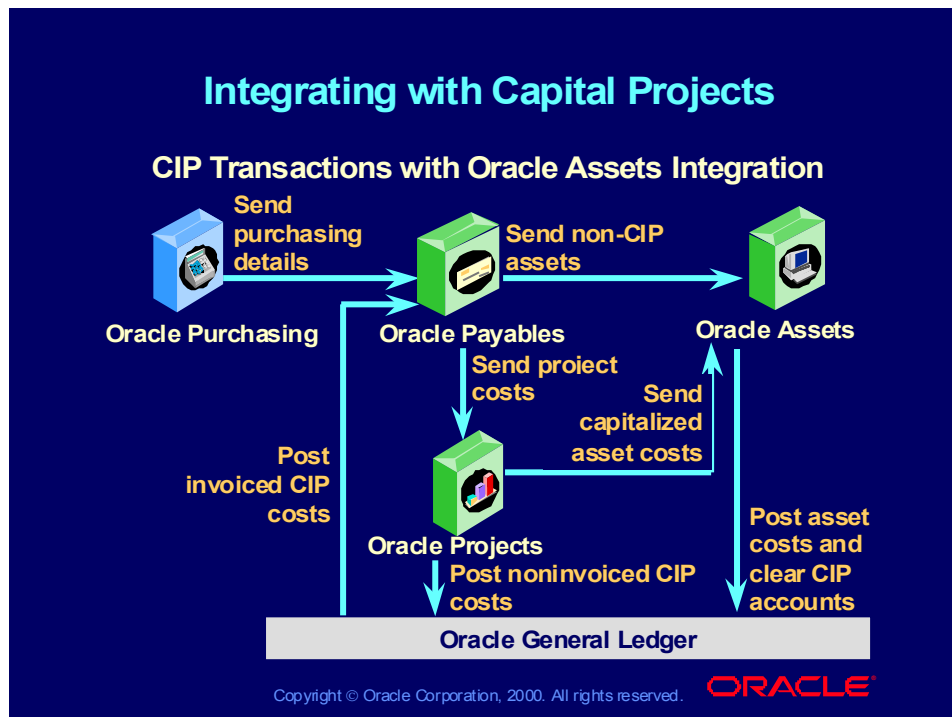
CIP Assets

- **Add, build, and capitalize CIP assets.**
- **Add CIP assets only to corporate books.**
- **Optionally add assets automatically to your tax book when you add assets to your corporate book.**
- **Capitalize CIP assets when you place them in service to begin depreciation.**

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Integrating with Capital Projects



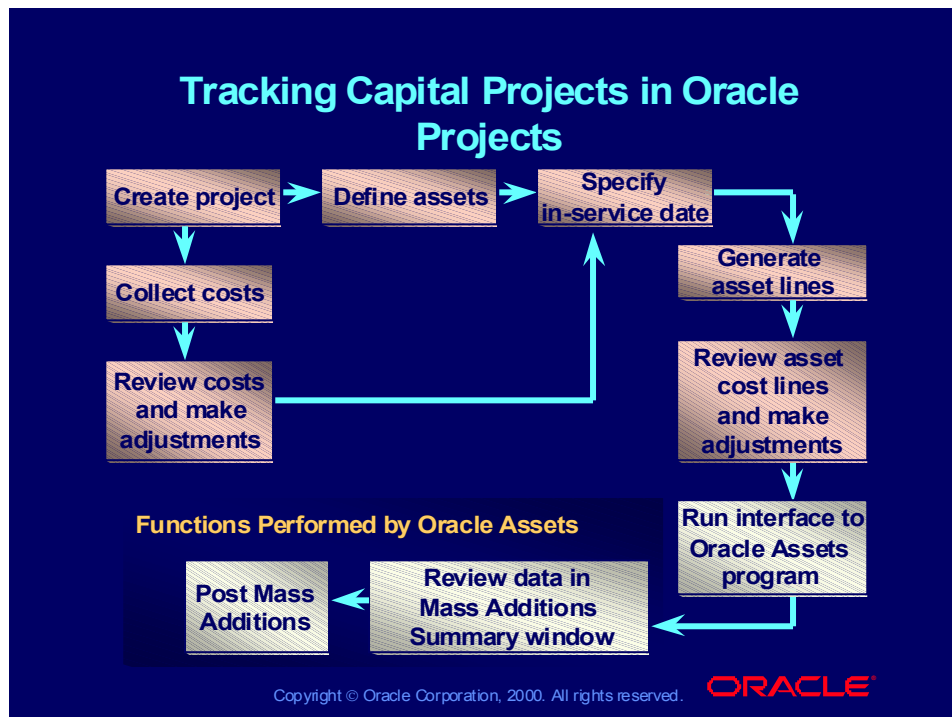
Integrating with Oracle Projects

- Assign an asset to a project.
- Define key asset information.
- Differentiate between capital and expense transactions.
- Review and adjust summarized CIP costs.
- Send capitalized costs to Oracle Assets.
- Adjust asset costs after capitalization.
- Drill down from Oracle Assets lines to Oracle Projects transactions.

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Tracking Capital Projects in Oracle Projects



Using Oracle Projects to Track Capital Projects

- Track capital projects and transfer the CIP costs to Oracle Assets as capitalized assets.
- Create a purchase order for a capital project in Oracle Purchasing.
- In Oracle Payables, match the purchase order to an invoice.

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Using Oracle Projects to Track Capital Projects (continued)

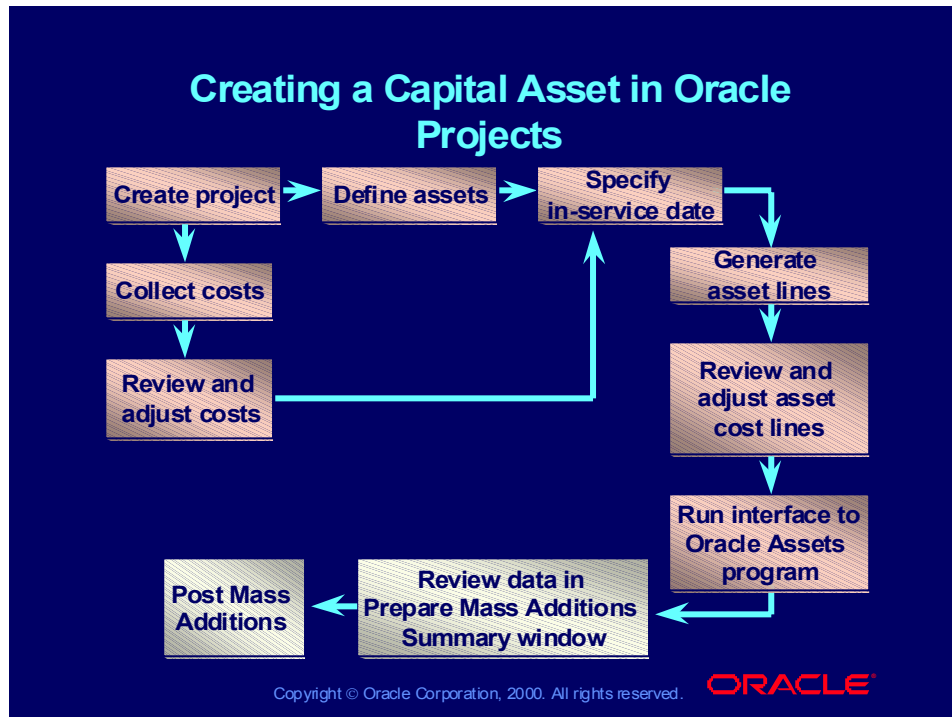
Using Oracle Projects to Track Capital Projects (continued)

- When the project is complete, enter a date-placed in service for the CIP asset.
- Run the **Generate Asset Lines** process.
- Review the asset lines and make adjustments.
- Run the **Interface Assets** process.
- Run the **Post Mass Additions** process.
- Run the **Create Journal Entries** program.
- Search for assets by project information to find assets associated with a particular capital project.

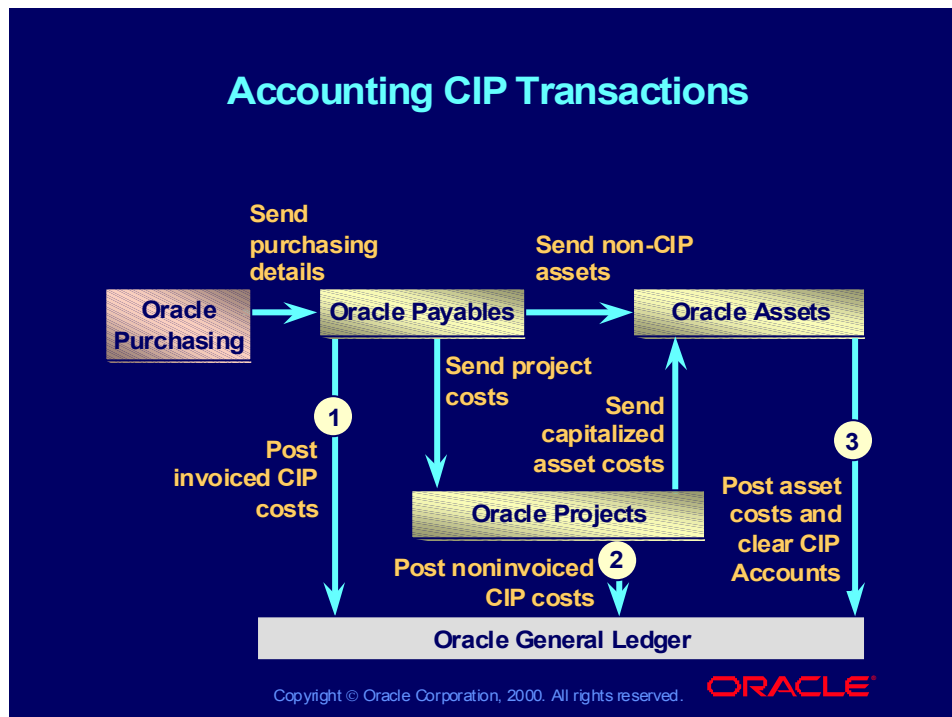
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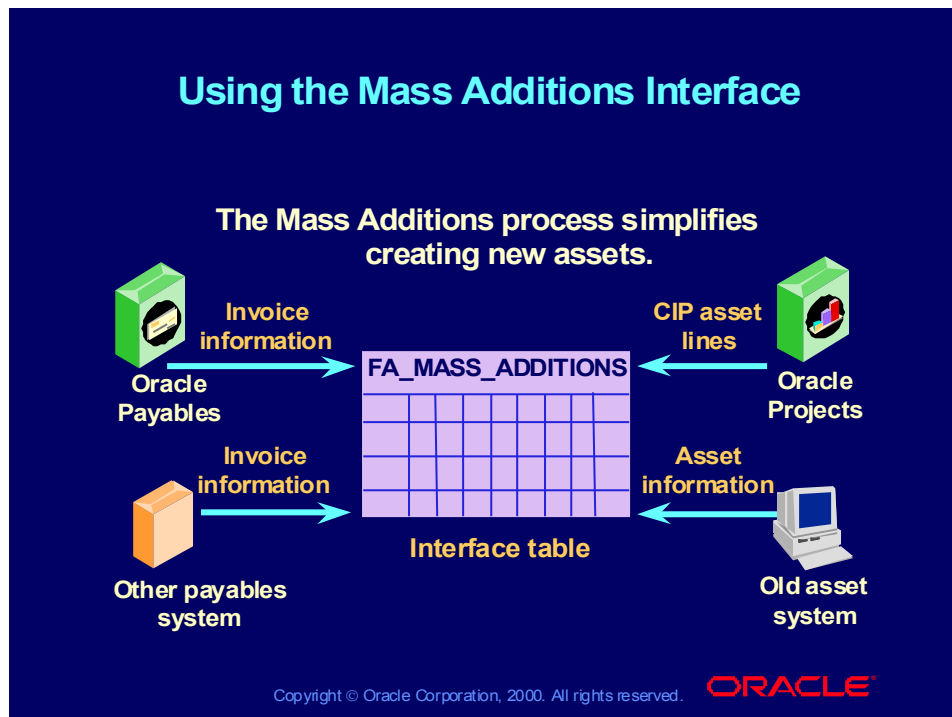
Creating a Capital Asset in Oracle Projects



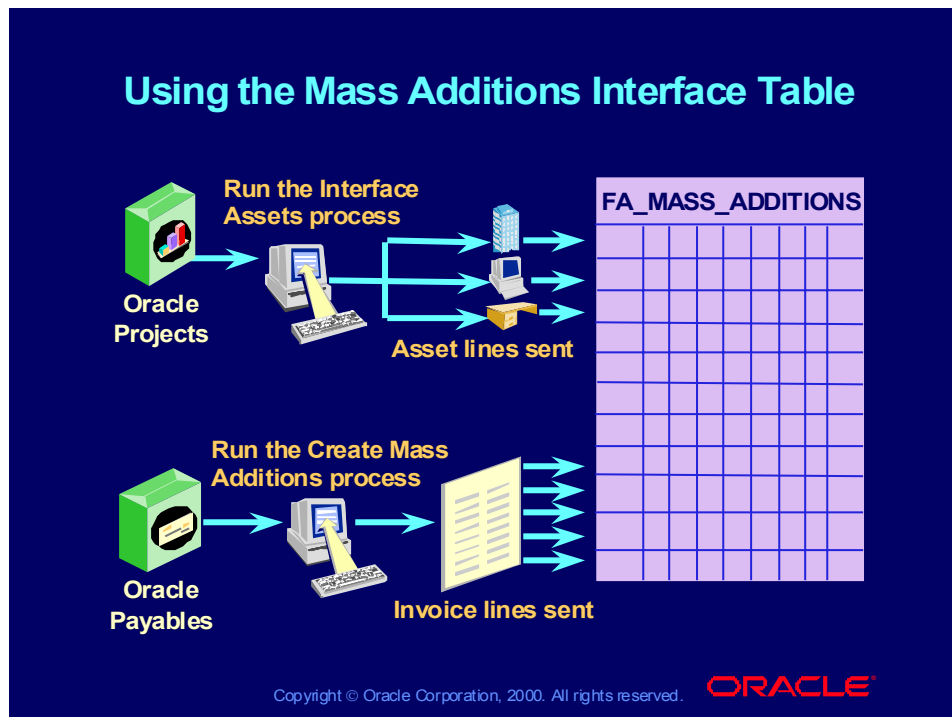
Accounting CIP Transactions



Using the Mass Additions Interface



Using the Mass Additions Interface Table



Mass Additions Interface Table

Use the Mass Additions Interface table to:

- Add asset lines automatically from an external source
- Import asset lines from another payables system
- Send CIP lines from Oracle Projects
- Convert data from a previous asset system

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Review Question

Which of the following is not true? Use the mass additions process to:

- 1. Improve productivity by avoiding manual reentry.**
- 2. Create assets**
- 3. Add CIP assets from Oracle Projects**
- 4. Add assets and cost adjustments automatically from Oracle Purchasing**
- 5. Add assets from another system**

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Answer to Review Question

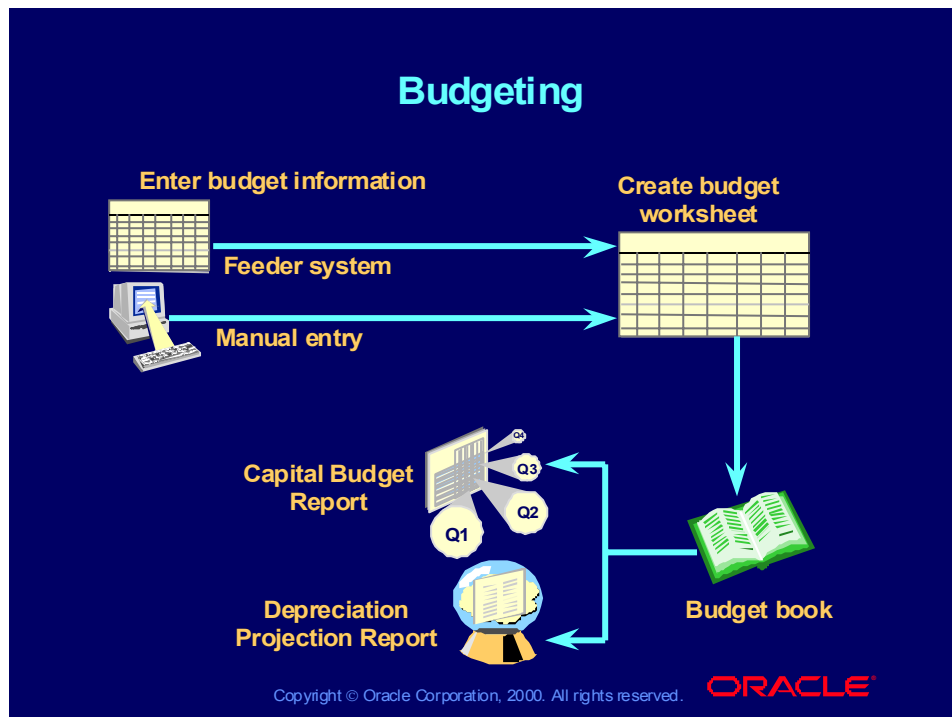
Which of the following is not true? Use the mass additions process to:

1. Improve productivity by avoiding manual reentry.
2. Create assets
3. Add CIP assets from Oracle Projects
- 4. Add assets and cost adjustments automatically from Oracle Purchasing**
5. Add assets from another system

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Budgeting



Budgeting Assets

- Create a budget depreciation book to forecast depreciation expense for future asset additions.
- Plan capital spending for each major asset category.
- Enter budget information manually or upload from a feeder system.
- Create budget assets and a budget depreciation book.
- Forecast asset spending, compare actual spending against the forecast, and project depreciation expense.
- View Budget-to-Actual reports.

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Preparing Capital Budgets and Projecting Depreciation

Preparing Capital Budgets and Projecting Depreciation

Use Oracle Assets to:

- Create a budget depreciation book to forecast depreciation expense for future asset additions
- Forecast asset spending, compare actual spending against the forecast, and project depreciation expense
- View Budget-to-Actual reports to compare actual spending to the budgeted amounts

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Preparing Budget Information Detail

Two Ways of Entering Budget information:

Major Category Level

Full Category Flexfield
Combination

- Oracle Assets projects depreciation to the detail entered.
- Reporting is performed on the major category and cost center level, regardless of the detail entered.

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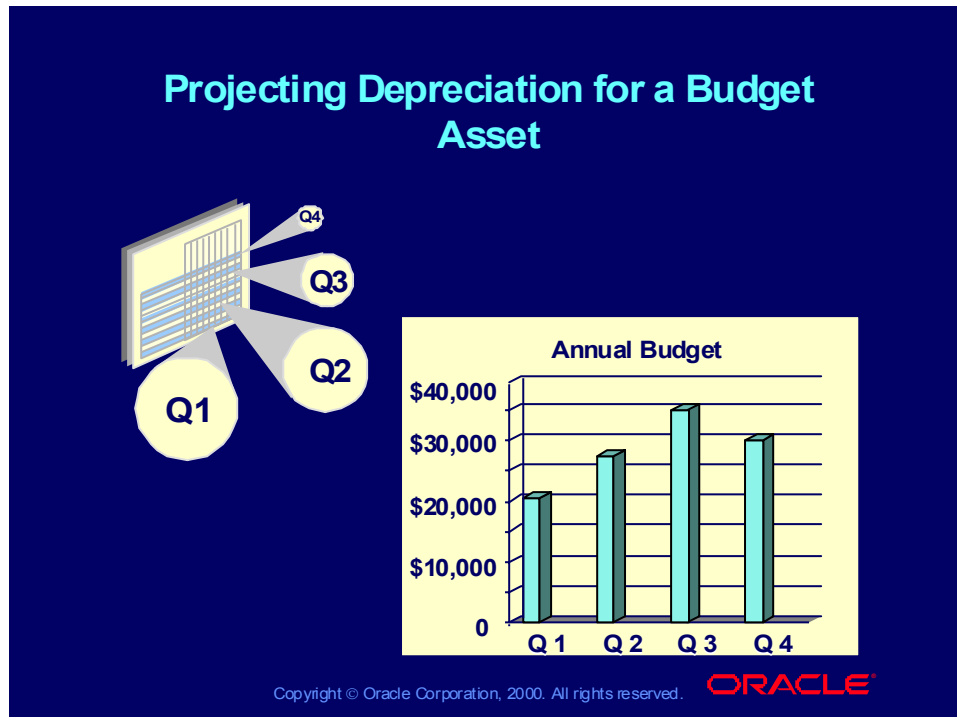
Preparing Capital Budgeting

- Enter and update budget amounts.
- Create budget assets for each category, expense account, and budget amount entered for each period.
- Compare actual and planned spending to manage purchasing.

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Projecting Depreciation for a Budget Asset



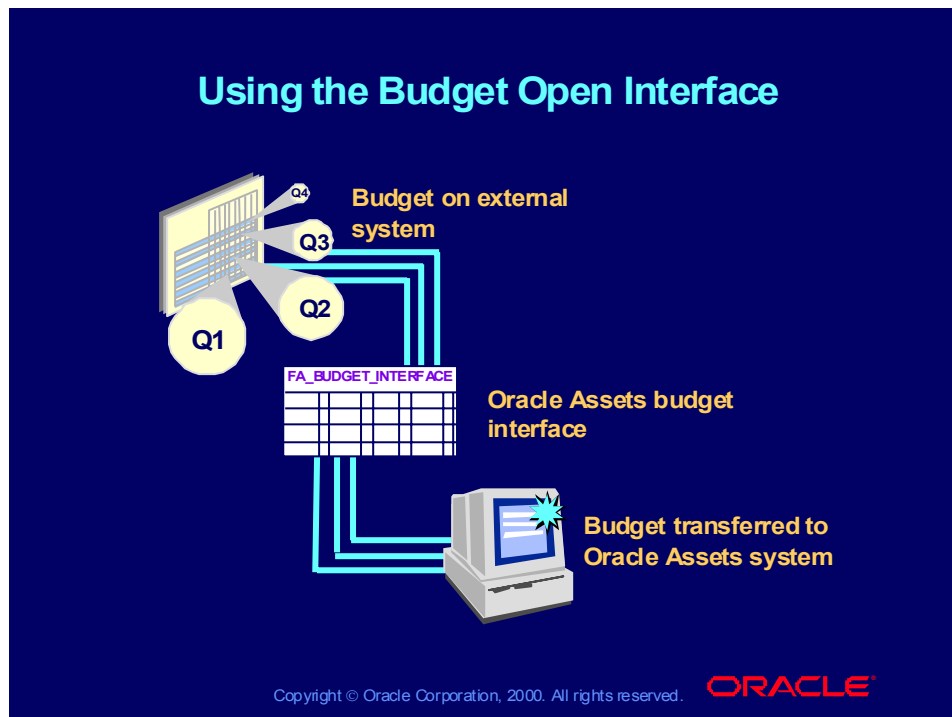
Projecting Depreciation

- Use the category default depreciation rules to project depreciation expense
- Include depreciation expense for the budget amounts in the projection for the budget book
- Add the projection amounts for depreciation projections, and for existing assets to determine future depreciation

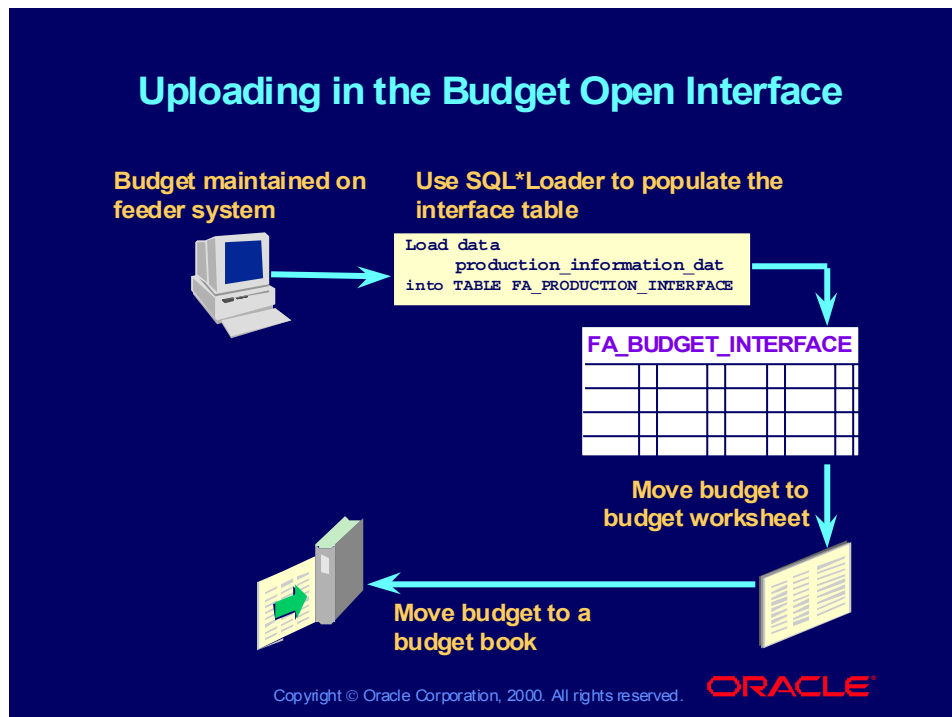
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Using the Budget Open Interface



Uploading in the Budget Open Interface



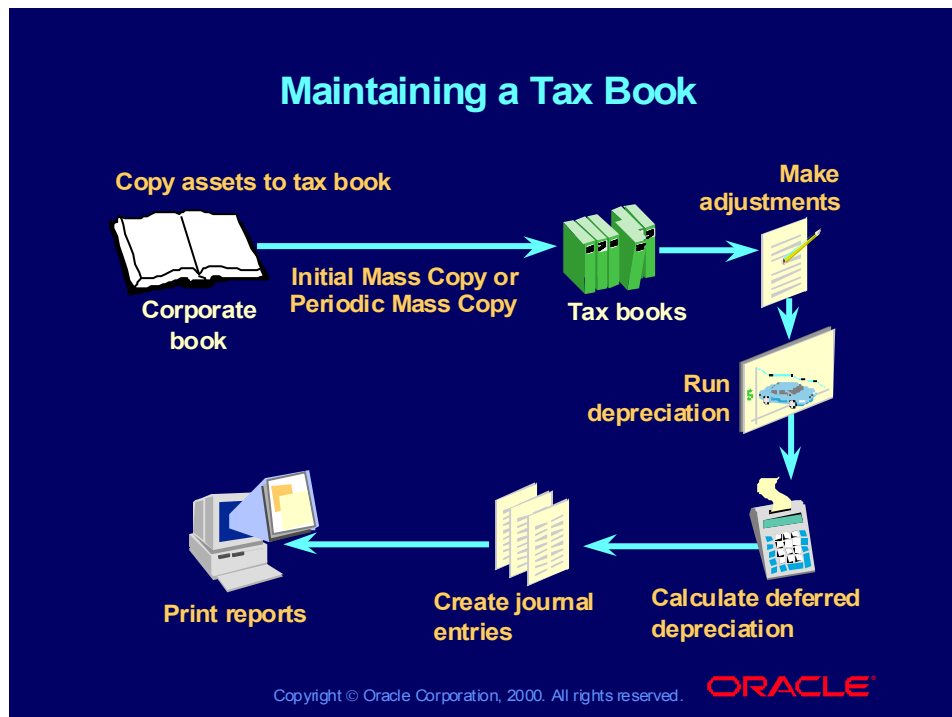
Budget Open Interface

- If you maintain the budget information externally, you upload it to Oracle Assets using the budget interface.
- The **FA_BUDGET_INTERFACE** table is organized into columns in which Oracle Assets stores budget information.

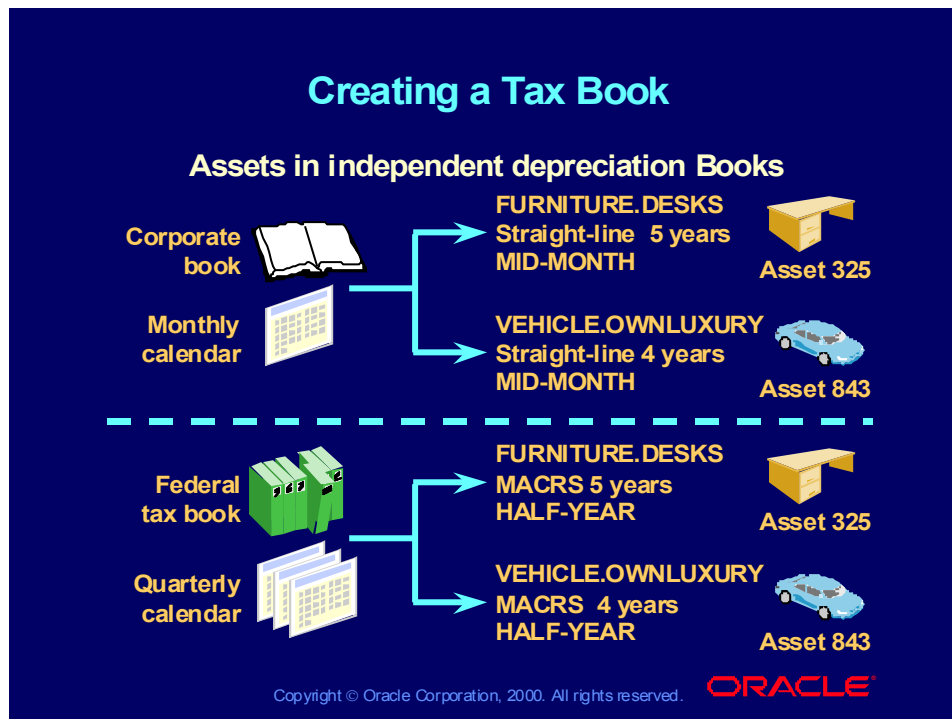
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Maintaining a Tax Book



Creating a Tax Book



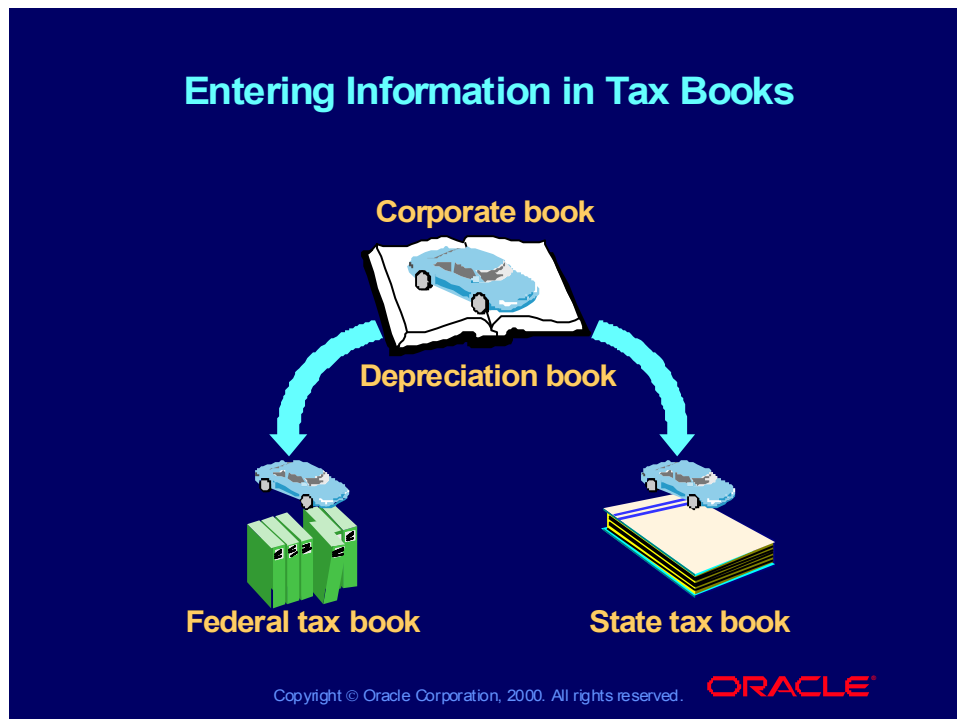
Creating Tax Books

- **Associate tax books with a corporate book.**
- **Define independent tax depreciation books for each reporting authority.**
- **Copy assets and transactions as a group from the corporate book to the tax book.**
- **Make reserve adjustments on assets in a tax book.**

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Entering Information in Tax Books



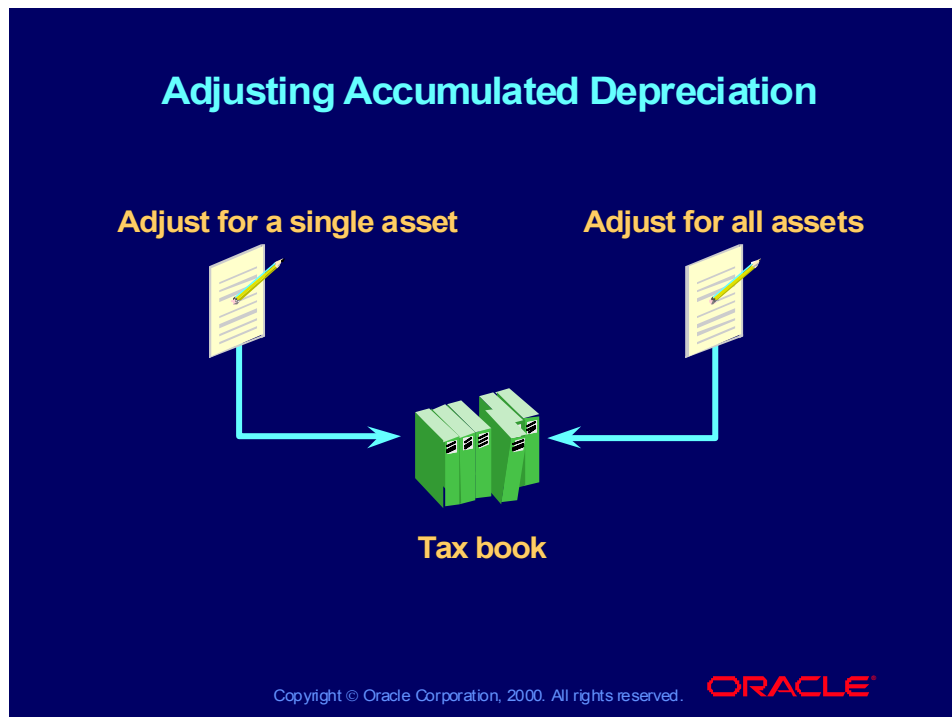
Entering Tax Book Information

- **Populate a tax book by using Initial Mass Copy, Periodic Mass Copy or manual copy.**
- **Assign special tax rules to assets, create independent tax depreciation books and journal entries, calculate deferred depreciation, and print reports.**
- **Run Initial Mass Copy as often as needed for the first period of the tax book.**
- **Run Periodic Mass Copy for the next periods to update the tax book with new assets and transactions.**

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Adjusting Accumulated Depreciation



Asset Adjustments

- Financial information adjustment
- Mass change
- Reclassification
- Unit adjustment
- Invoice line addition
- Unplanned depreciation
- Revaluation
- Reserve adjustment

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Adjusting Depreciation Reserve in a Tax Book

Adjusting Depreciation Reserve in a Tax Book

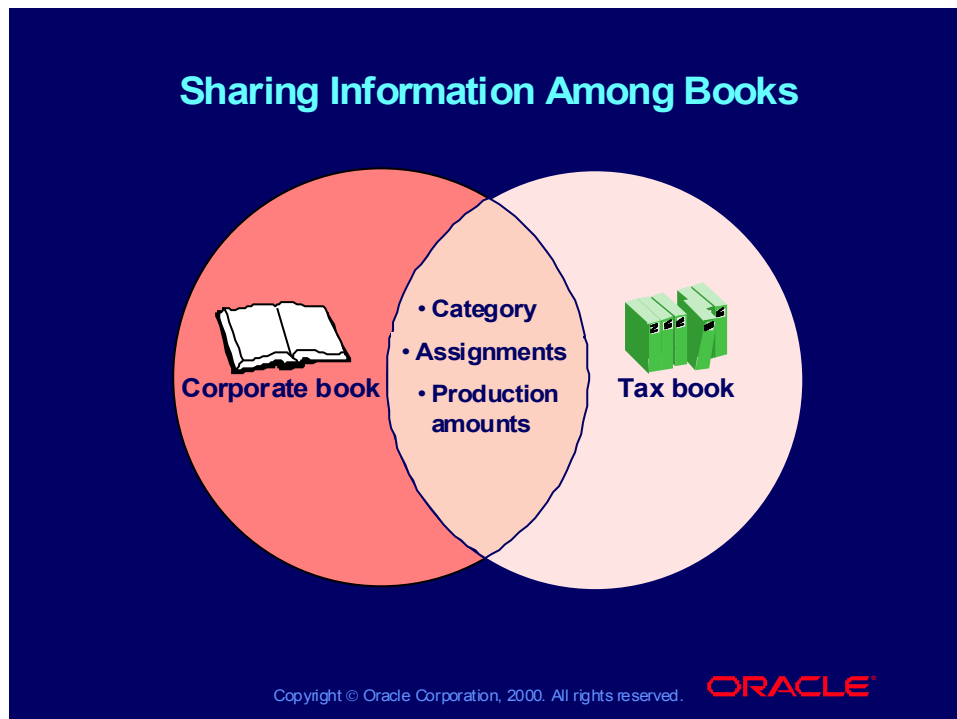
You can:

- **Adjust the depreciation taken for a single asset for a previous fiscal year in a tax book**
- **Adjust the depreciation taken for all assets in a tax book**

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Sharing Information Among Books



Sharing Information Among Books

- **Mass Copy automatically copies asset transactions from a corporate book to a tax book.**
- **You cannot copy between corporate books.**
- **Tax books share category and assignments associated with the corporate books.**
- **When you use the same calendar in the tax and corporate books, the Periodic Mass Copy copies transactions to the tax books as they appear in the corporate books.**

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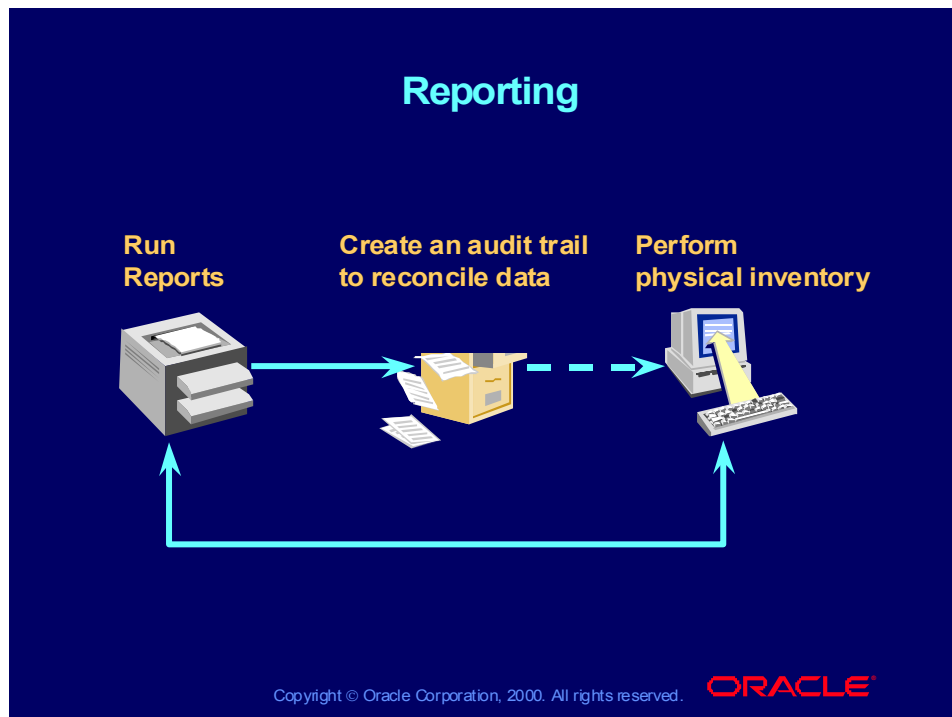
Using the ACE Interface in Oracle Assets

- Use the ACE Interface to load information from another system into Oracle Assets.
- Create an ACE tax book with ACE depreciation rules and copy assets into the ACE book from the corporate book.
- To populate the ACE conversion table, use the Populate ACE Interface Table program or load the table manually.
- Update the ACE book with the information in the ACE conversion table.

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Reporting



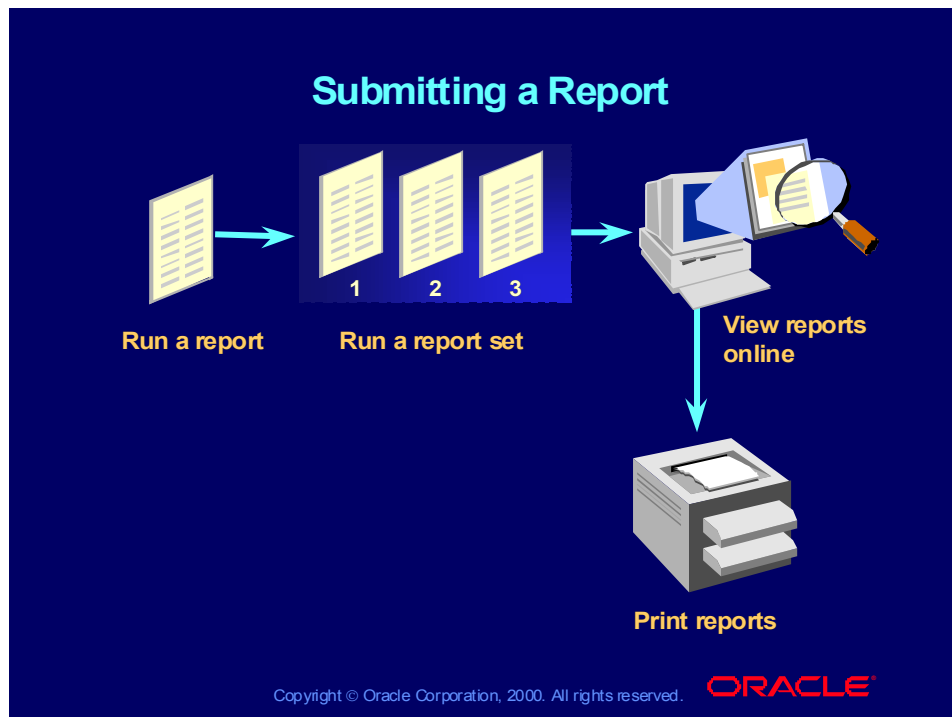
Reporting, Reconciling, and Inventory Processing

- Run one or more reports simultaneously using concurrent requests processed by the concurrent manager.
- Use report parameters to specify which assets to report on.
- Use reports to reconcile asset data.
- Perform physical inventory to update assets before or after submitting reports.

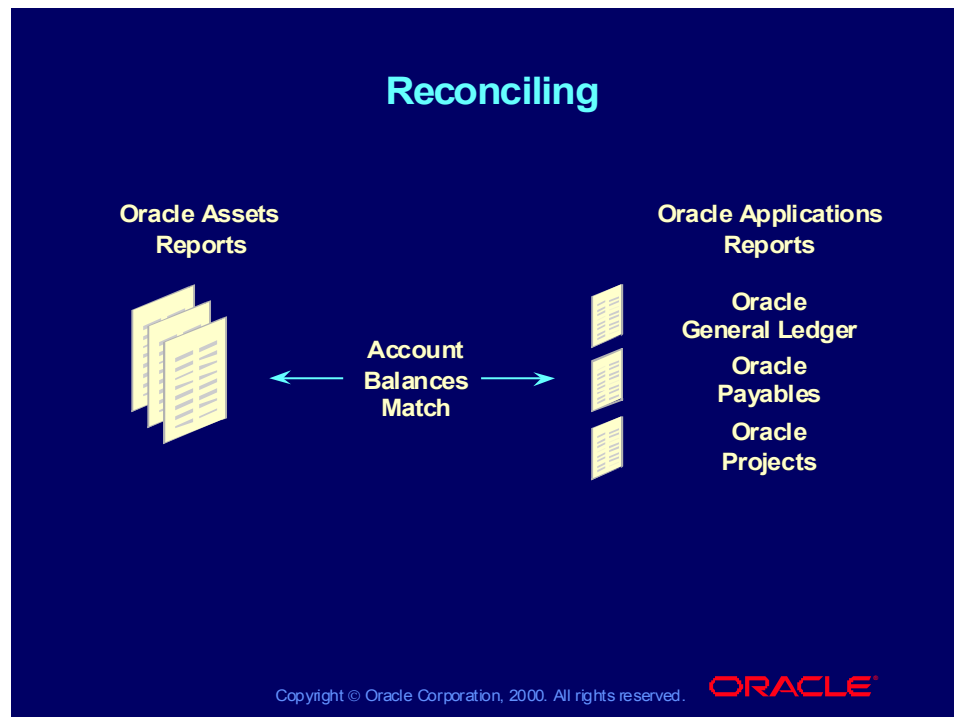
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Submitting a Report



Reconciling



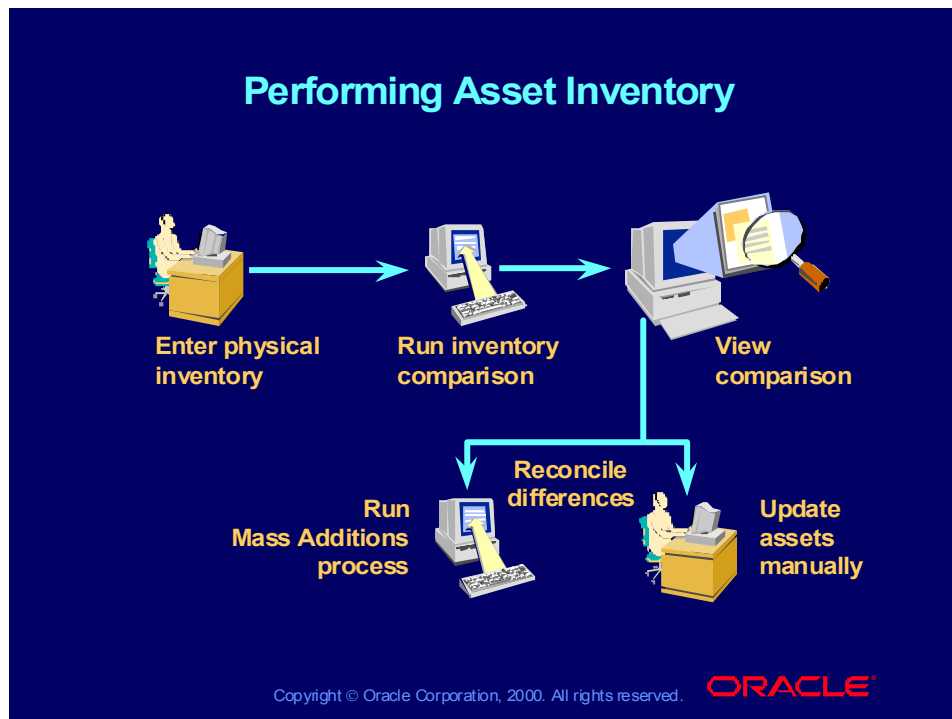
Reconciling Asset Data

- To reconcile with Oracle General Ledger, use Oracle Assets reports to tie the asset cost, CIP cost, and reserve accounts to the general ledger.
- To reconcile with Oracle Payables, use reports to track mass additions.
- To reconcile with Oracle Projects, tie up all CIP asset costs from the time they are imported as capitalized assets from Oracle Projects.

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Performing Asset Inventory



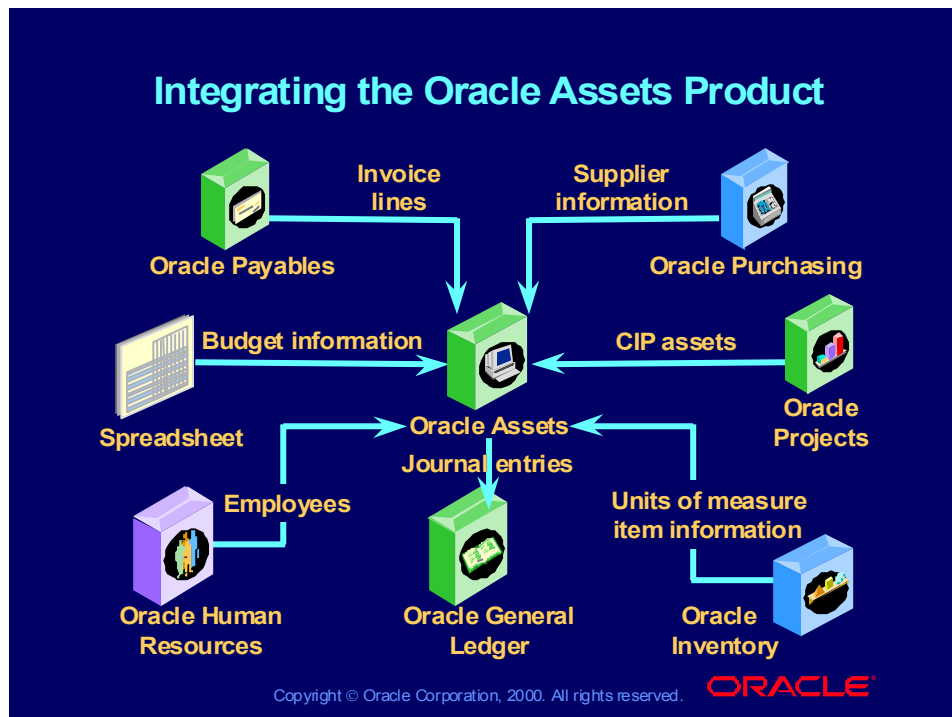
Performing Physical Inventory

- Enter physical inventory data into Oracle Assets.
- Compare the actual data with the asset information in Oracle Assets to identify differences.
- View the results of the comparison, and reconcile the differences.

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Integrating the Oracle Assets Product



Integrating with Other Products

- Upload and download information from a spreadsheet
- Load invoice and asset information from any feeder system
- Import construction-in-process (CIP) assets from Oracle Projects

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Integrating Oracle Assets with other Products

Oracle Assets integrates with:

- Oracle Payables
- Oracle Purchasing
- Oracle Projects
- Oracle Human Resources
- Oracle Inventory
- Oracle General Ledger

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Using Mass Additions to Integrate with Other Products

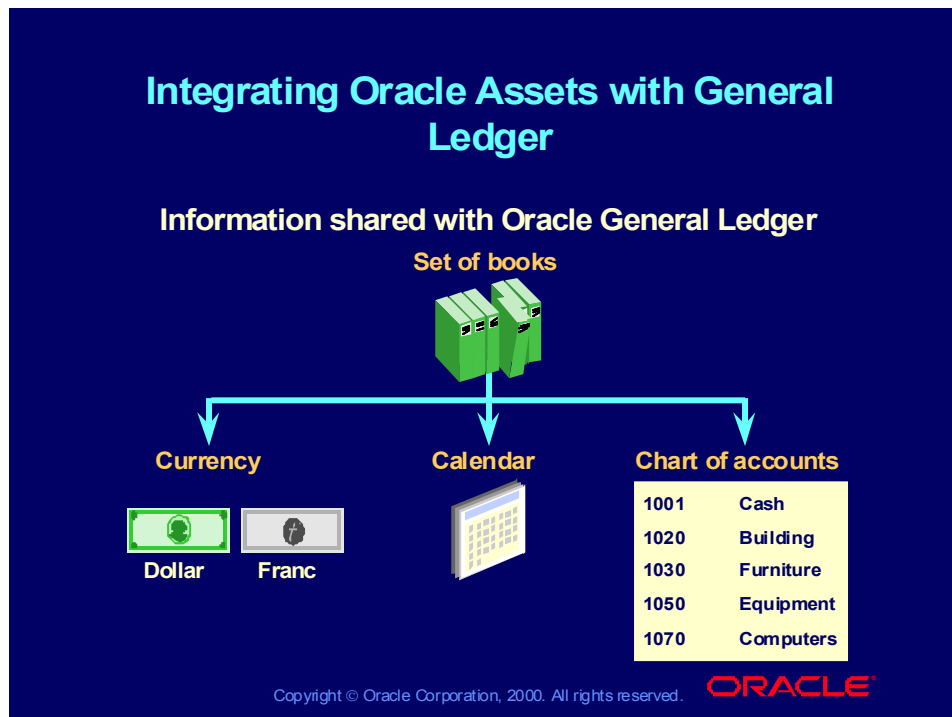
You can use Mass Additions to:

- **Load invoice and asset information from any feeder system, such as Oracle Payables or another payables system, into Oracle Assets**
- **Import CIP assets from Oracle Projects**
- **In addition, you can upload and download information from a spreadsheet**

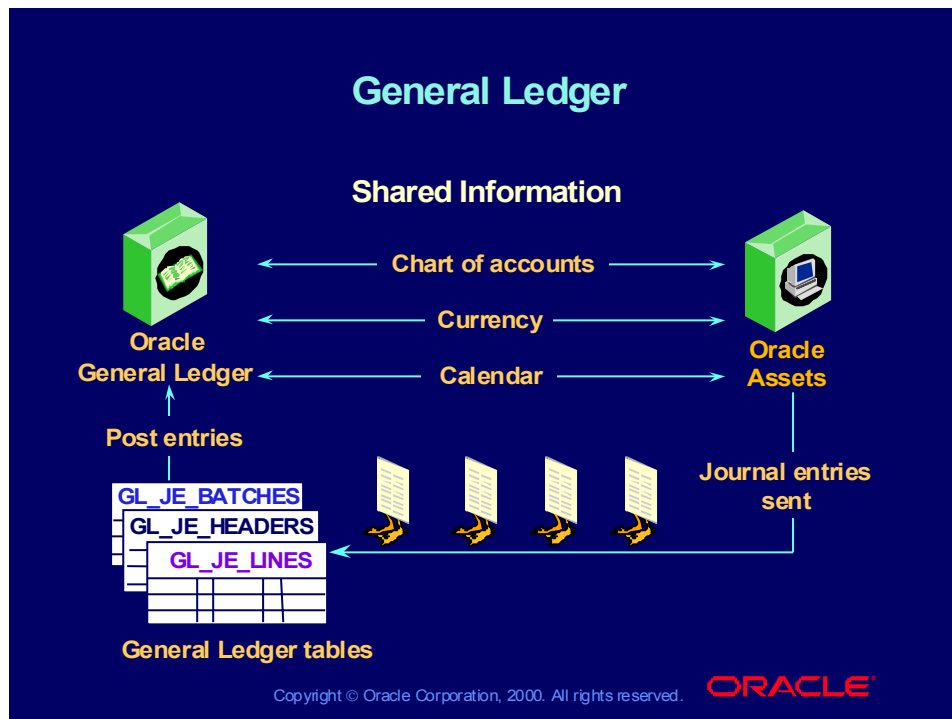
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Integrating Oracle Assets with General Ledger



General Ledger



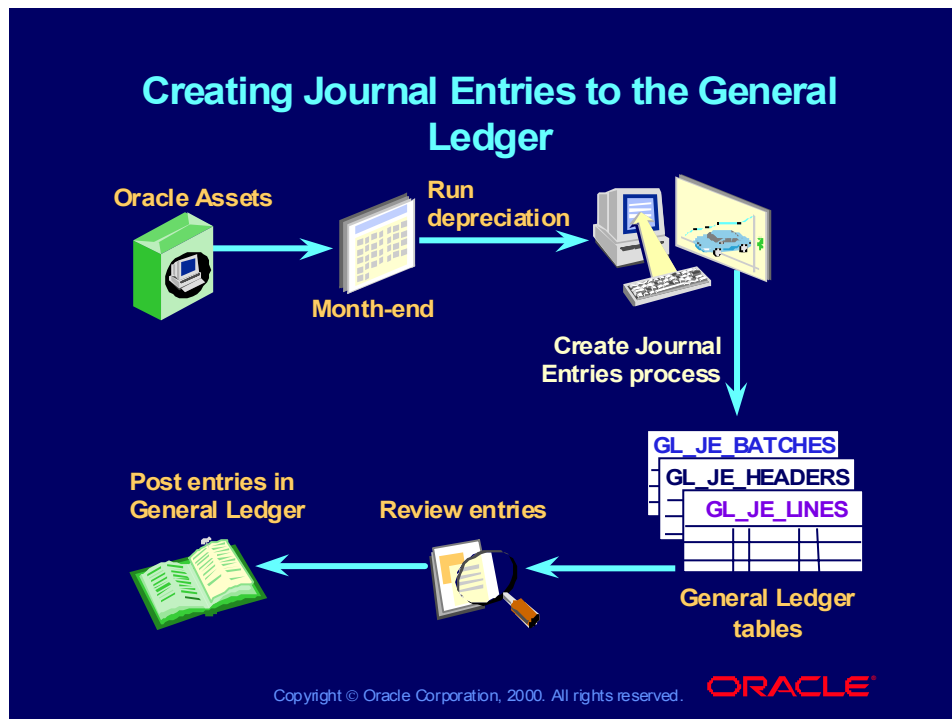
Integrating with General Ledger

- Oracle Assets shares the chart of accounts, functional currency, calendar, and journal entry sources and categories with General Ledger.
- You can match asset calendar period names with the general ledger period names.
- Oracle Assets automatically creates adjusting journal entries for the general ledger.
- Oracle Assets creates summary journal entries.
- The Create Journal Entries program sends entries directly to General Ledger.

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Creating Journal Entries to the General Ledger



Creating Journal Entries

- Run the depreciation program at the end of each accounting period
- Run the Create Journal Entries program
- Oracle Assets sends journal entries directly to the following General Ledger tables:
 - GL_JE_BATCHES
 - GL_JE_HEADERS
 - GL_JE_LINES

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Review Question

Review Question

Oracle Assets integrates with all except one of the following products. Which one?

- 1. Oracle Payables**
- 2. Oracle Receivables**
- 3. Oracle Projects**
- 4. Oracle Human Resources**
- 5. Oracle General Ledger**

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Answer to Review Question

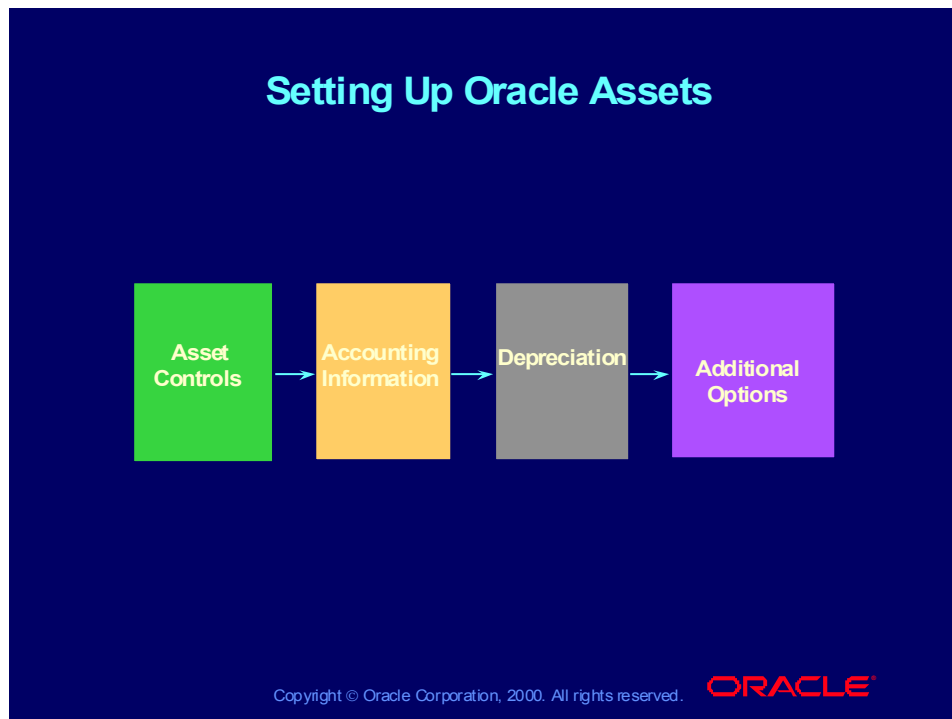
Oracle Assets integrates with all except one of the following products. Which one?

1. Oracle Payables
- 2. Oracle Receivables**
3. Oracle Projects
4. Oracle Human Resources
5. Oracle General Ledger

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Setting Up Oracle Assets



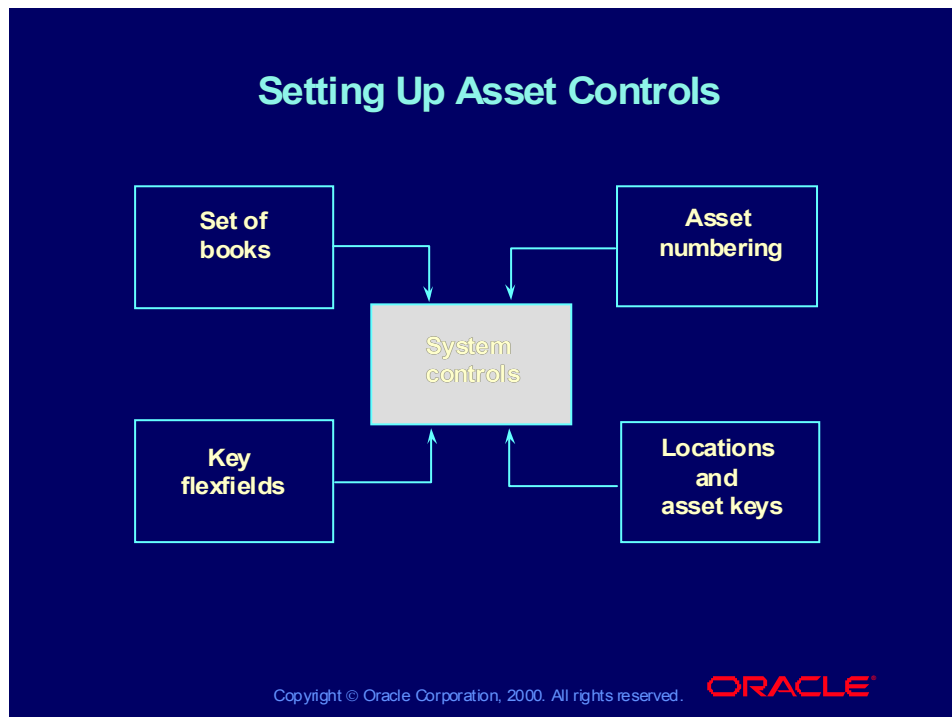
Setting Up Oracle Assets

- Define the set of books, flexfields, and flexfield combinations, and security by book.
- Identify QuickCode types.
- Set up fiscal years, calendar period dates, and journal entry formats.
- Define books, depreciation methods, conventions, and defaults.
- Set up additional options.
- Archive and purge historical data.

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Setting Up Asset Controls



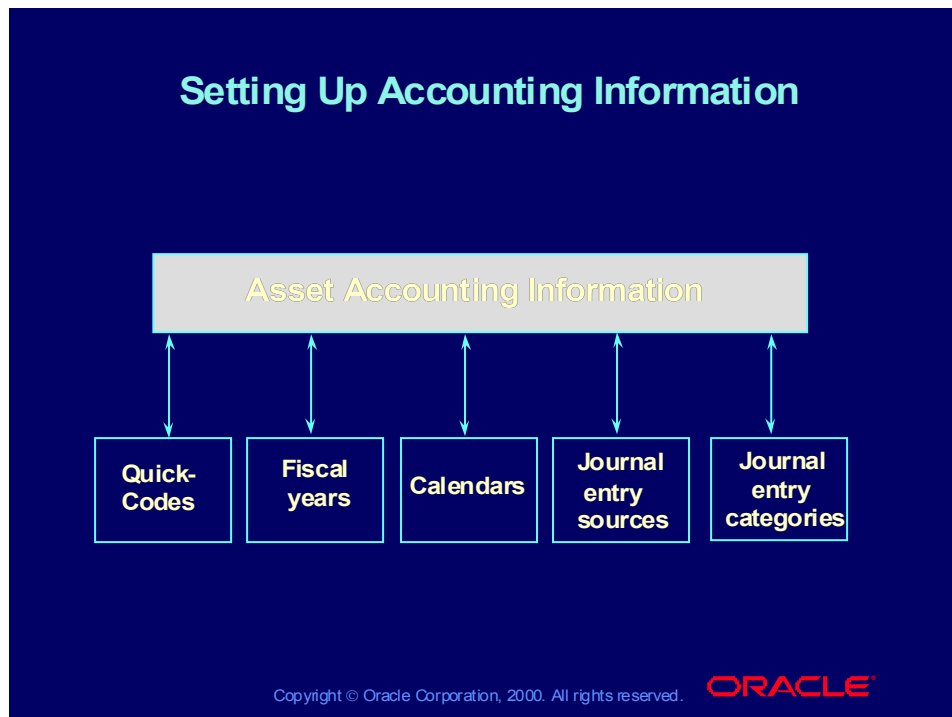
Setting Up Controls in Oracle Assets

- Define the set of books
- Define key flexfield structures
- Specify system controls
- Create locations
- Create asset flexfield combinations

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Setting Up Accounting Information



Asset Accounting Information

- Identify QuickCode types
- Set up fiscal years
- Set up calendars
- Specify journal entry sources and categories

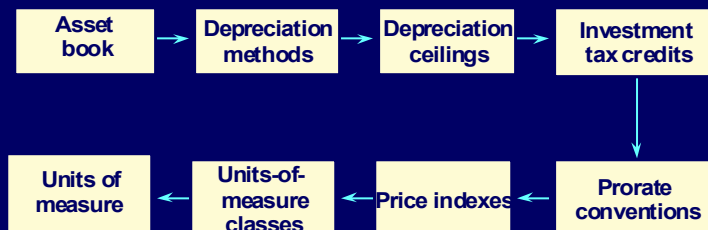
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Defining Depreciation

Defining Depreciation

To set up depreciation, define the following to fit the needs of the organization:



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Depreciation

- Define depreciation books
- Set up additional depreciation methods
- Set up depreciation expense, cost ceilings, and investment tax rates
- Define prorated conventions
- Define price indexes
- Create units of measure

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Asset Categories

- **Asset categories specify accounting flexfield accounts and default depreciation rules for assets in an asset book.**
- **You can set up different default depreciation rules depending on the date placed in service.**
- **You can set the extended life of an asset.**

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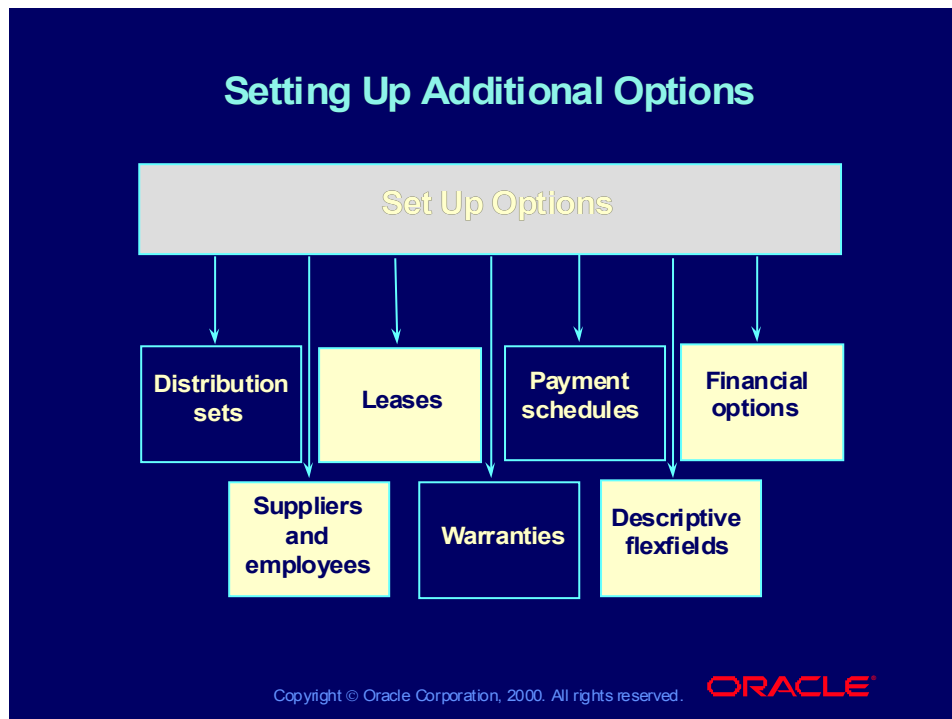
Setting Up the Asset Categories

- Specify accounting flexfield accounts and default depreciation rules
- Define prorate conventions
- Set up default depreciation limits
- Specify an extended asset life

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Setting Up Additional Options



Additional Options

- **Create distribution sets**
- **Define leases, lease payment schedules, and amortization schedules**
- **Attach assets to leases**
- **Define supplier and employee numbering**
- **Set up warranties**
- **Set up descriptive flexfields**

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Cleaning Up Existing Data

Cleaning Up Existing Data

Purge historical data from tables

FA_ADJUSTMENTS									
1988									

FA_DEPRN_DETAIL									
1988									

FA_DEPRN_SUMMARY									
1988									

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Agenda

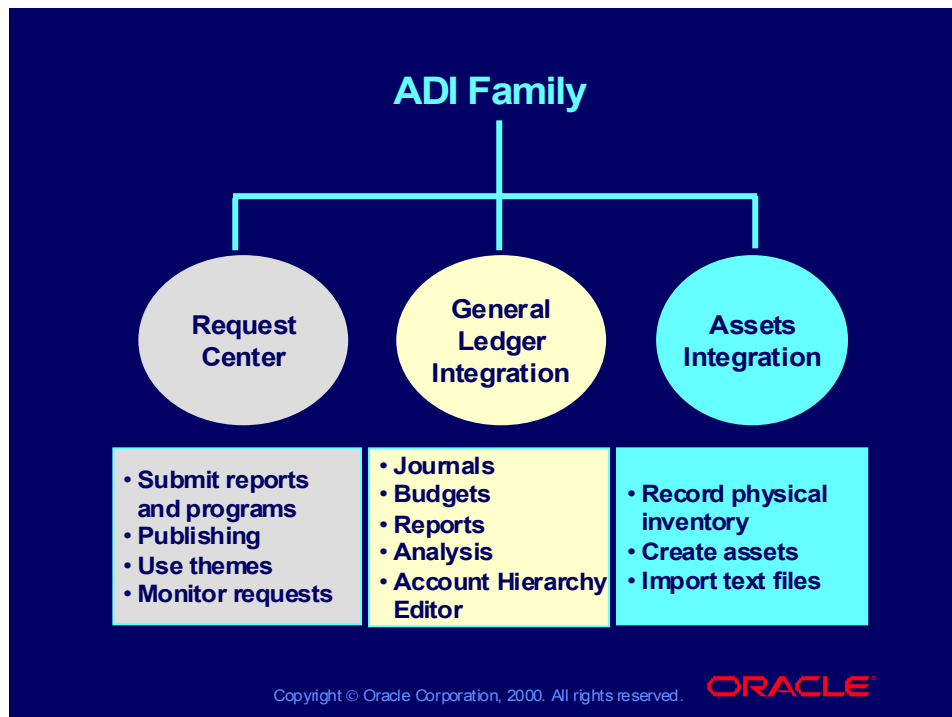
Agenda

- Oracle Assets processes
- **Using ADI with Oracle Assets**

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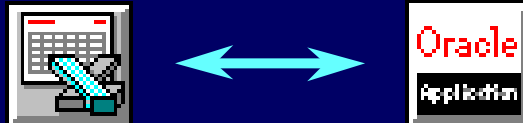
ADI Family



Familiar Spreadsheet Environment

Familiar Spreadsheet Environment

Full cycle accounting while using a spreadsheet



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ADI Integration

- **Run ADI as a stand-alone application.**
- **You can create worksheets, which you save and work on later.**
- **You can create assets and enter physical inventory at any location, without being connected to your server.**

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Assets Functionality



Create Assets



Import Text Files



Record Physical Inventory



Request Center

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ADI Features

- **Create Assets:** Uploads assets from a spreadsheet
- **Import Text Files:** Imports text files to an asset or inventory worksheet
- **Record Physical Inventory:** Uploads physical inventory amounts
- **Request Center:** Submits and publishes reports

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Create Assets

- **Generate a worksheet based on the user's requirements**
- **Create manual asset additions in a spreadsheet**
- **Populate Mass Additions table from a spreadsheet**
- **Select poplists to aid in the asset addition process**
- **Validate data before it is loaded into Oracle Assets**

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Creating Assets

Use the Create Assets feature to:

- Create assets in a disconnected environment
- Build customized asset worksheets
- Enter asset data manually
- Upload the data automatically into Oracle Assets

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Import Text Files

- Map flat data files into asset or physical inventory spreadsheets
- Create reusable templates
- Define a template to map between Oracle Assets and third party applications
- Use a barcode scanner to gather physical inventory information and map the scanner output file into a physical inventory spreadsheet

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Importing Text Files

The Import Text File feature enables you to import data from:

- **Legacy systems**
- **Third party payables applications**
- **Barcode scanners**
- **Any flat data file source**

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Record Physical Inventory

- **Generate an inventory worksheet to be completed offline**
- **Customize the layout to the user's requirements**
- **Upload data from a barcode scanner**
- **Validate data before it is uploaded**
- **View comparison reports to determine if assets are missing or in the wrong location**

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Recording Physical Inventory

Use the Record Physical Inventory feature to:

- Build personalized inventory spreadsheets
- Enter inventory data while disconnected from the server
- Map files created from scanned barcode data
- Generate comparison reports
- Upload data automatically into Oracle Assets

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Use Request Center

- **Submit any standard fixed, variable format, or financial report from a central location.**
- **Publish the output to a spreadsheet or Web page automatically.**
- **Format reports by applying themes.**
- **Use cell level formatting to enhance the appearance of your reports.**
- **Monitor your concurrent requests.**
- **Create a hotlist to mark important requests for quick reference.**

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Using the Request Center

Use the Request Center to:

- Submit financial reports or any Oracle Applications standard report or listing
- Submit variable format reports
- Automatically publish the report to spreadsheets or a Web page

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Review Question

Review Question

Use ADI to create assets in a disconnected environment.

- A. True**
- B. False**

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Answer to Review Question

Answer to Review Question

Use ADI to create assets in a disconnected environment.

A. True

B. False

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Summary

Summary

In this lesson, you should have learned how to:

- **Describe Oracle Assets processes**
- **Describe how ADI works with Oracle Assets**

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Setting Up Asset Controls

Chapter 2

Setting Up Asset Controls

Oracle Assets Release 11*i*

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Objectives

After completing this module, you should be able to do the following:

- **Define an accounting flexfield structure and set of books**
- **Define an asset category, location, and asset key flexfield structure**
- **Define asset system controls**
- **Create location and asset key flexfield combinations**
- **Set up security by book**

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Agenda

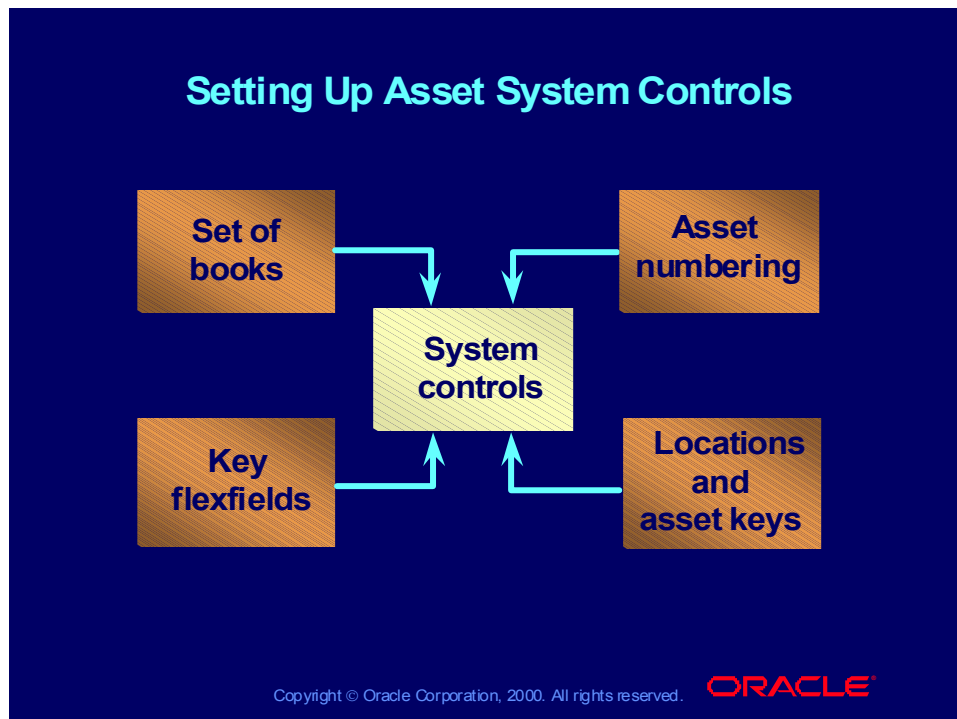
Agenda

- **Set of books and accounting flexfield structure**
- **Asset categories, locations, and asset key flexfield structures**
- **Asset system controls**
- **Location and asset key flexfield combinations**
- **Security by book**

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Setting Up Asset System Controls



Agenda

Agenda

- **Set of books and accounting flexfield structure**
- Asset categories, locations, and asset key flexfields structures
- Asset system controls
- Location and asset key flexfield combinations
- Security by book

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Defining the General Ledger Set of Books

Define the set of books that Oracle Assets uses to manage asset accounting and create journal entries. If the set of books has not already been defined, complete the setup as follows:

- Define the chart of accounts using the accounting key flexfield
- Define the general ledger account calendars and accounting period types
- Enable the functional currency
- Define, enable, and allow posting of values
- Define a set of books
- Assign the set of books to a responsibility

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Agenda

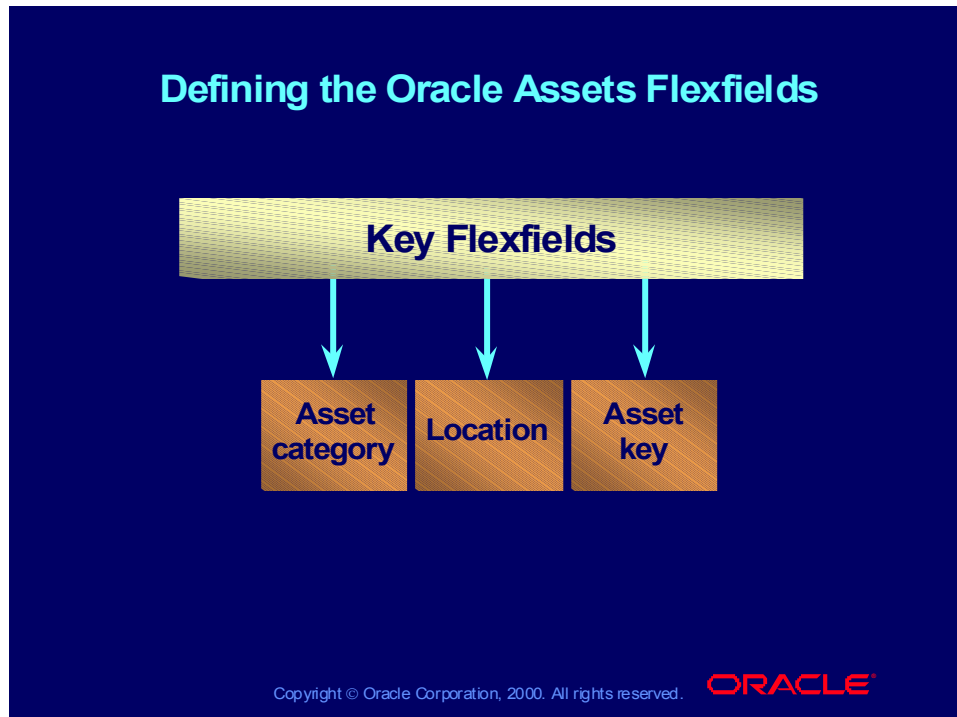
Agenda

- Set of books and accounting flexfield structure
- **Asset categories, locations, and asset key flexfields structures**
- Asset system controls
- Location and asset key flexfield combinations
- Security by book

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Defining the Oracle Assets Flexfields



Designing the Asset Category Flexfield

- Group assets according to depreciation rules.
- Enter the default rules for each category flexfield combination for each book.
- Define one major category segment for capital budgeting and up to six subcategory segments.
- Organize category hierarchies so that valid subcategory values depend on a major category value.
- Plan each flexfield structure carefully; you cannot change it after entering data.

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(Help) Oracle Financial Applications > Oracle Assets > System Setup > Defining the Category Flexfield

Designing the Location Flexfield

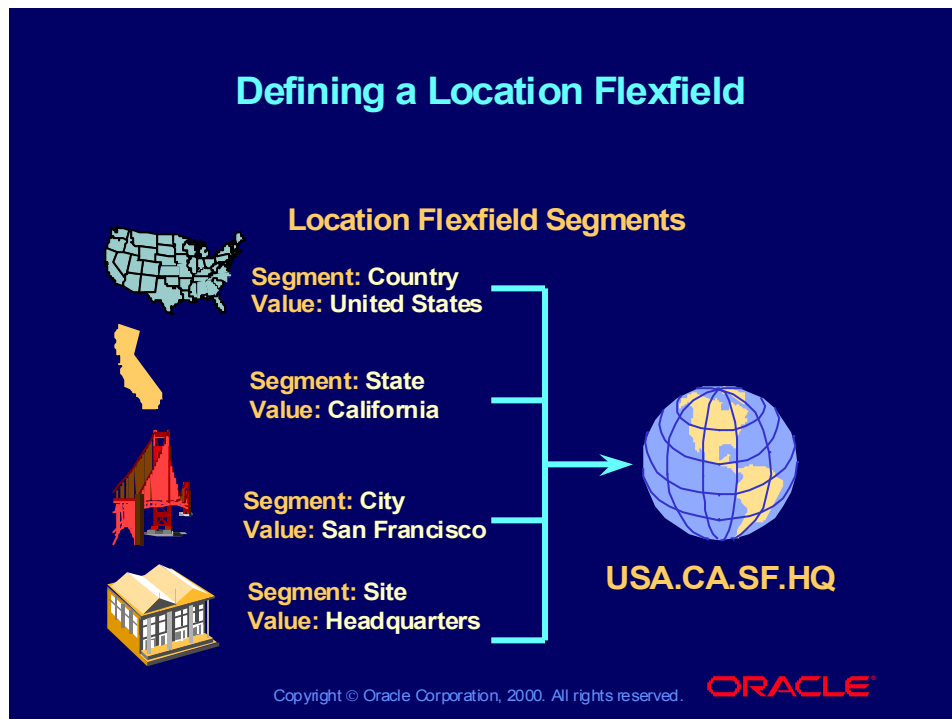
The location flexfield groups and tracks assets by physical location.

- **Design this flexfield by deciding the number of segments for the location structure.**
- **Define one state segment to facilitate property tax reporting and up to six other segments.**
- **Maintain valid locations in the Locations window if you do not use dynamic insertion.**

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Defining a Location Flexfield



Setting Up the Location Flexfield

Setting Up the Location Flexfield

- Create a value set for each segment. Each segment of the location flexfield structure needs a value set.
- Designate one segment of the flexfield structure as the State segment in the Location flexfield. Oracle Assets uses the State segment for sorting property tax reporting.
- Use the Segment Values window to create a list of values for each segment. For the location flexfield only, reassign the state qualifier to another segment for tax reporting.

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(Help) Oracle Financial Applications > Oracle Assets > System Setup > Defining the Location Flexfield

Designing the Asset Key Flexfield

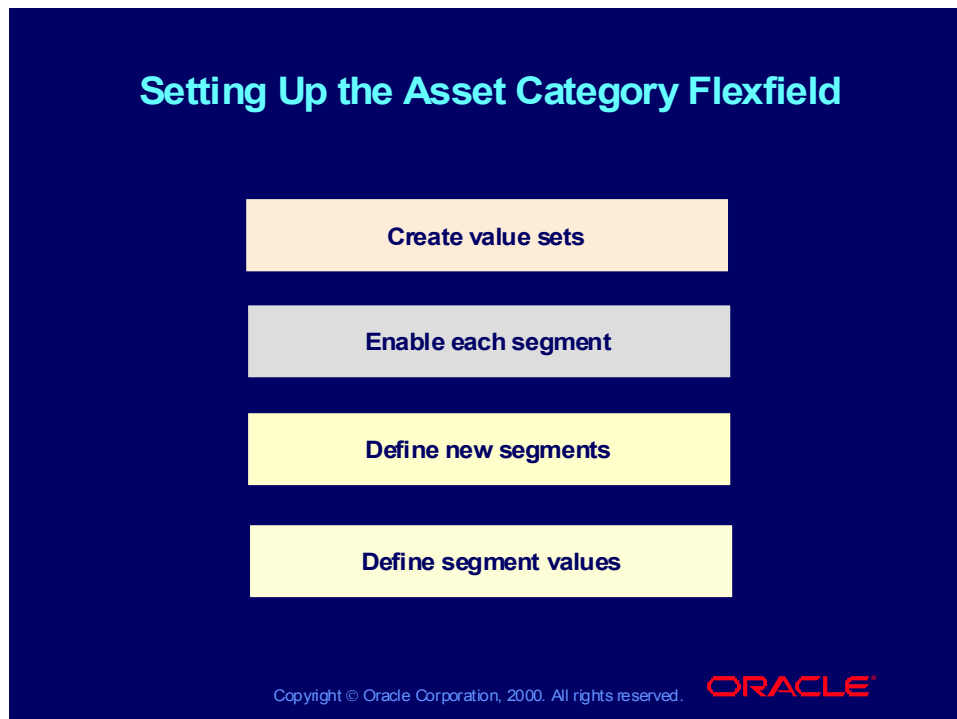
The asset key flexfield identifies groups of assets.

- Unlike the asset category flexfield, it does not have a financial impact.
- Design this flexfield by defining up to ten segments.
- Select the name and order of each segment.
- If you do not want to use the asset key flexfield, define a one-segment asset key flexfield without validation.

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Setting Up the Asset Category Flexfield



Defining an Asset Key Flexfield

Defining an Asset Key Flexfield

Design

Asset Key Flexfield

- Up to ten asset key flexfield segments
- Segment name
- Segment order

Define

Asset Key Flexfield

- Segment value set
- Key flexfield structure
- New segment
- Segment values

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Setting Up the Asset Key Flexfield

Setting Up the Asset Key Flexfield

- Create a value set for each segment.
- Enable each segment.
- Define new segments.
- Define values for each segment.

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(Help) Oracle Financial Applications > Oracle Assets > System Setup > Defining the Asset Key Flexfield

Demonstration

In Oracle Assets we will demonstrate how to define Oracle Assets key flexfields.

(N) Setup—>Financials—>Flexfields—>Validation—>Sets

(N) Setup—>Financials—>Flexfields—>Key—>Segments

(N) Setup—>Financials—>Flexfields—>Key—>Segments (B) Segments (B) Open

(N) Setup—>Financials—>Flexfields—>Key—>Values

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Agenda

Agenda

- Set of books and accounting flexfield structure
- Asset categories, locations, and asset key flexfields structures
- **Asset system controls**
- Location and asset key flexfield combinations
- Security by book

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Defining System Controls

In the System Controls window, specify:

- Enterprise name
- Asset numbering scheme
- Key flexfield structures
- The oldest date placed in service of the assets

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(Help) Oracle Financial Applications > Oracle Assets > System Setup > Specifying System Controls

Demonstration

In Oracle Assets we will demonstrate how to define system controls.

(N) Setup > Asset System > System Controls

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Agenda

Agenda

- Set of books and accounting flexfield structure
- Asset categories, locations, and asset key flexfields structures
- Asset system controls
- **Location and asset key flexfield combinations**
- Security by book

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Create Location Combinations

Create Location Combinations

- If dynamic insertion is disabled for the location flexfield, you must define valid combinations in the Locations window.
- If dynamic insertion is enabled, Oracle Assets automatically updates the Locations window with the values you enter in the Assignments window.

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(Help) Oracle Financial Applications > Oracle Assets > System Setup > Defining Locations

Define Asset Keys

Define Asset Keys

- If dynamic insertion is enabled for the asset key flexfield, Oracle Assets automatically updates the Asset Keys window with the values you enter while adding assets.
- If dynamic insertion is disabled, you must define valid combinations in the Asset Keys window.

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(Help) Oracle Financial Applications > Oracle Assets > System Setup > Defining Asset Keys

Agenda

Agenda

- Set of books and accounting flexfield structure
- Asset categories, locations, and asset key flexfields structures
- Asset system controls
- Location and asset key flexfield combinations
- **Security by book**

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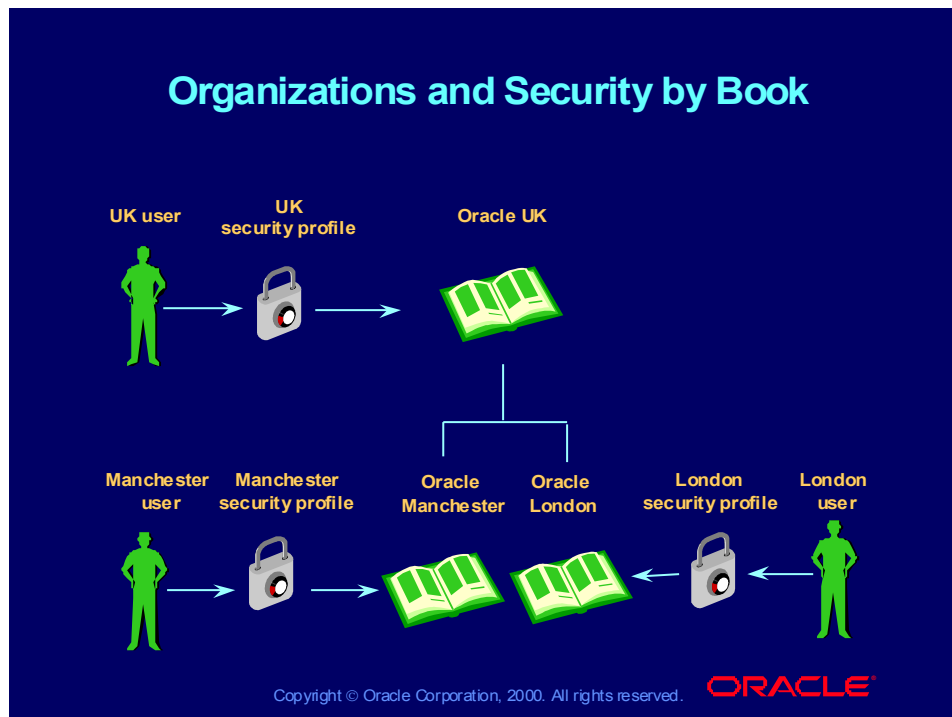
Security by Book

- You can secure access to each depreciation book.
- You can create a flexible hierarchy of asset organizations.
- You can associate a responsibility with one or more depreciation books.

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Organizations and Security by Book



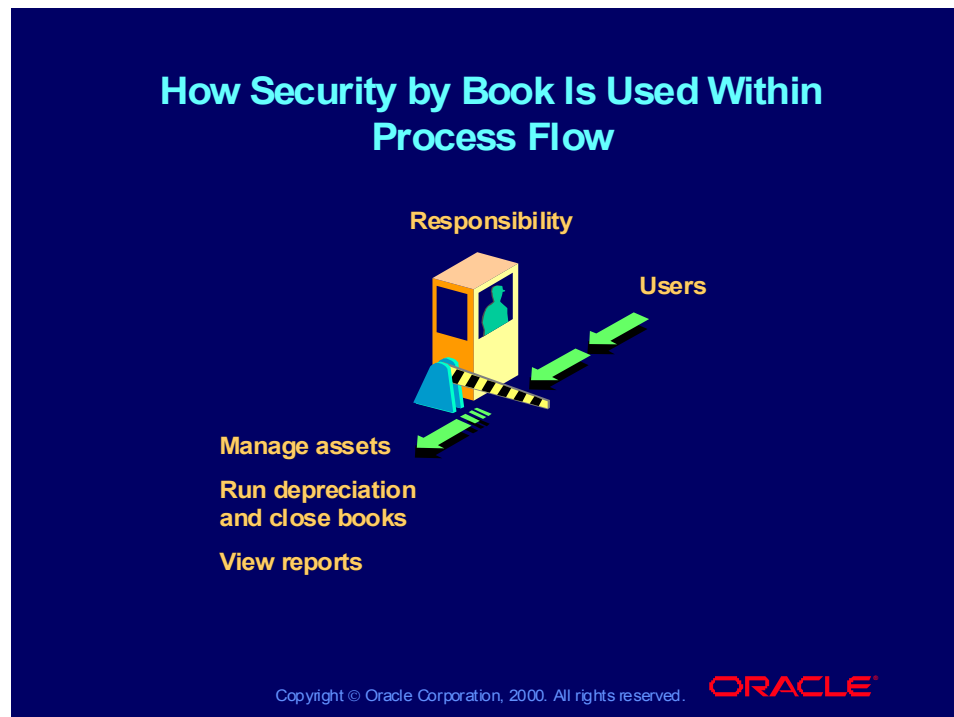
Responsibility and Security by Book

- Users can view and update information based on the responsibility to which they are assigned.
- You can have individual corporate books and their associated tax and budget books accessible only by one responsibility or by several responsibilities.
- You can also construct a hierarchical structure in your security model, in which a given responsibility can access all books belonging to one or more other responsibilities.

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How Security by Book Is Used Within Process Flow



Demonstration

In Oracle Assets we will demonstrate how to set up security by book.

In HRMS:

(N) Work Structures > Organization > Description

(N) Work Structures > Organization > Hierarchies

(N) Security > Define Security Profile

(N) Processes and Reports > Submit Process & Report

In System Administration:

(N) Security > Responsibility

(N) Profile > System

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Implementation Considerations for Security by Book

- Do you need to limit access to depreciation books?
- Do all your books need security?
- How do you want to organize security?
- Who will update security?
- Do MRC reporting books need security?

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Summary

In this module, you should have learned how to:

- **Define an accounting flexfield structure and set of books**
- **Define an asset category, location, and asset key flexfield structure**
- **Define asset system controls**
- **Create location and asset key flexfield combinations**
- **Set up security by book**

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Practice 1 Overview

Practice 1 Overview

This practice covers the following topics:

- **Defining flexfield terms**
- **Understanding system control concepts**

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Practice 1 Instructions with Solution

Practice 1 Instructions with Solution

In this practice, you answered questions about flexfield terms and system control concepts.

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Practice 1 Instructions

1. Match the following terms with their definitions.

- | | |
|----------------------------|--|
| _____ Accounting Flexfield | a. Valid location flexfield combinations. |
| _____ Location Flexfield | b. Company name, asset numbering scheme, and key flexfield structures. |
| _____ Asset Key Flexfield | c. Used to track assets by physical location. |
| _____ Locations | d. Used to identify a general ledger account. |
| _____ System Controls | e. Used to group assets; has no financial impact. |

2. True or False: The cost center qualifier for the Accounting Flexfield is required for Oracle Assets.

3. True or False: You can specify system controls more than once for the same installation procedure of Oracle Assets.

4. True or False: The asset key flexfield has no financial impact.

Practice 1 Solution

1. Match the following terms with their definitions.

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Accounting Flexfield (d)	a. Valid location flexfield combinations.
Location Flexfield (c)	b. Company name, asset numbering scheme, and key flexfield structures.
Asset Key Flexfield (e)	c. Used to track assets by physical location.
Locations (a)	d. Used to identify a general ledger account.
System Controls (b)	e. Used to group assets; has no financial impact.

2. True or False: The cost center qualifier for the Accounting Flexfield is required for Oracle Assets.

True

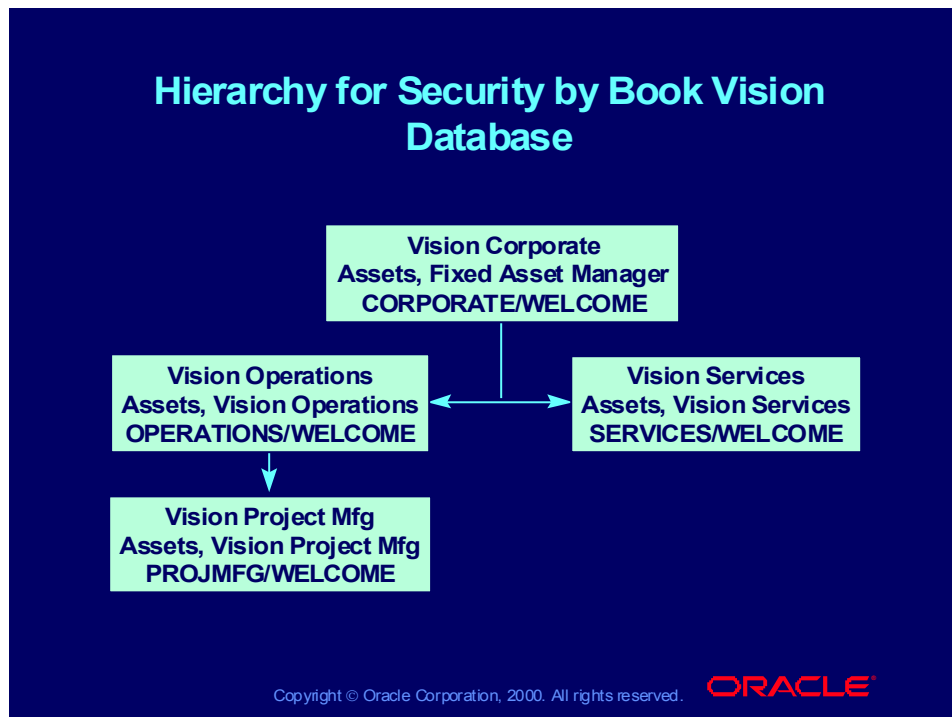
3. True or False: You can specify system controls more than once for the same installation procedure of Oracle Assets.

False

4. True or False: The asset key flexfield has no financial impact.

True

Hierarchy for Security by Book Vision Database



Practice 2 Overview

Practice 2 Overview

In this practice, you will reinforce your understanding of how to control access to depreciation books by setting up security by book.

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Practice 2 Instructions with Solution

Practice 2 Instructions with Solution

In this practice, you reinforced your understanding of setting up security by book.

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Practice 2 Instructions

Scenario

As the System Administrator for Oracle Corporation, it is your responsibility to guarantee that only certain individuals have access to information regarding assets in various parts of your organization. Your organization consists of a corporate headquarters, Vision Corporate, and three divisions, Vision Operations, Vision Services, and Vision Project Manufacturing. Each division has a general ledger set of books and related depreciation books. You want to allow the fixed assets manager of each division to have access only to the depreciation books belonging to his or her division and not to be able to access information for any other divisions, with these exceptions: The fixed assets manager for Vision Operations has access to Vision Operations and Vision Project Mfg. The fixed assets manager for Vision Corporate has access to all the books of all organizations.

To secure access to the depreciation books, you set up the following:

- Organization Hierarchy called Asset Hierarchy.
 - Level 1: Vision Corporate
 - Level 2: Vision Operations with depreciation books, OPS CORP and OPS FEDERAL. Vision Services with depreciation books, SVCS CORP and SVCS FEDERAL.
 - Level 3: Vision Project Mfg with depreciation books, PROJ MFG CORP2 and PROJ MFG FED 2.
- Security profiles:
 - FA: Vision Corporate with access to all organizations
 - FA: Vision Operations with access to Vision Operations and Vision Project Mfg.
 - FA: Vision Services with access to Vision Services

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- FA: Vision Project Mfg with access to Vision Project Mfg.
- Responsibilities:
 - Fixed Assets Manager
 - Assets, Vision Operations (USA)
 - Assets, Vision Services (USA)
 - Assets, Vision Project Mfg. (MRC)
- User id's for the fixed asset managers at each location.
 - At Vision Corporate: User CORPORATE, password WELCOME is assigned to Fixed Asset Manager responsibility.
 - At Vision Operations: User OPERATIONS, password WELCOME is assigned the Assets, Vision Operations responsibility.
 - At Vision Services: User SERVICES, password WELCOME is assigned the Assets, Vision Services responsibility.
 - At Vision Project Mfg: User PROJ MFG, password WELCOME is assigned to Assets, Vision Project Mfg responsibility.

Instructions

Verify that security has been set up correctly:

1. Log in as user CORPORATE and select Fixed Assets Manager as your responsibility.
2. View a transaction history inquiry for the following assets:

Book	Asset No.
OPS CORP	100081
OPS FEDERAL	100081
SVCS CORP	100132
SVCS FEDERAL	100530
PROJ MFG CORP2	100656
PROJ MFG FED 2	100677

3. Optionally, run the Asset Register Report for each book to verify that user CORPORATE can view assets in the depreciation books for all three divisions.
4. Log in as user OPERATIONS and select Assets, Vision Operations as your responsibility.
5. View a transaction history inquiry for the following assets:

Book	Asset No.
OPS CORP	100081
OPS FEDERAL	100081
SVCS CORP	100132
SVCS FEDERAL	100530
PROJ MFG CORP2	100656
PROJ MFG FED 2	100677

Which books and assets can you view? Has security been set up correctly?

Optionally, view a financial information inquiry for the assets:

6. Optionally, run the Asset Register Report.

7. Log in as user PROJ MFG and repeat steps 5 and 6. Which books and assets can you view now?
8. Log in as user SERVICES and repeat step 5 and 6. Which assets can you view? Has security by book been set up correctly?

Practice 2 Solution

1. Log in as user CORPORATE

(M) File—>Log in a different user

User Name: CORPORATE

Password: WELCOME

2. Select responsibility Fixed Assets Manager.
3. Navigate to the Transaction History window.

(N) Inquiry—>Transaction History

4. In the Find Transactions window, enter the search criteria for the inquiry. You will be able to view the transaction history for asset #100081 in the OPS CORP book. Repeat inquiry for all other assets specified. User CORPORATE can view the following books and assets:

Book	Asset No.
OPS CORP	100081
OPS FEDERAL	100081
SVCS CORP	100132
SVCS FEDERAL	100530
PROJ MFG CORP2	100656
PROJ MFG FED 2	100677

5. Optionally, run the Asset Register Report for each book as another method to verify that user CORPORATE can view all of the specified assets. User CORPORATE can run this report for all books in this scenario.

(N) Other—>Requests—>Run

6. To verify that security has been set up correctly for the Vision Operations organization, log in as user OPERATIONS.

(M) File—>Log in a different user

User Name: OPERATIONS

Password: WELCOME

7. Repeat steps 3, 4, and 5. You will be able to access the following books and assets:

Book	Asset No.
OPS CORP	100081
OPS FEDERAL	100081
PROJ MFG CORP2	100656
PROJ MFG FED 2	100677

User OPERATIONS has access to the books of Vision Operations and Vision Project Mfg., but cannot access the books of Vision Services. Optionally, view a financial information inquiry for the assets.

8. To verify that security has been set up correctly for the Vision Project Mfg. organization, log in as user PROJ MFG.

(M) File—>Log in a different user

User Name: PROJ MFG

Password: WELCOME

9. Repeat steps 3, 4, and 5. You will be able to access the following books and assets:

Book Asset No.

PROJ MFG CORP2 100656

PROJ MFG FED 2 100677

User PROJ MFG has access only to the books of Vision Project Mfg. Optionally, view a financial information inquiry for the assets

10. To verify that security has been set up correctly for the Vision Services organization, log in as user SERVICES.

(M) File—>Log in a different user

User Name: SERVICES

Password: WELCOME

11. Repeat steps 3, 4, and 5. You will be able to access the following books and assets.

User SERVICES has access only to the books of Vision Services. Optionally, view a financial information inquiry for the assets:

Book Asset No.

SVCS CORP 100132

SVCS FEDERAL 100530

Setting Up Asset Accounting Information

Chapter 3

Setting Up Asset Accounting Information

Oracle Asset Release 11i

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Objectives

After completing this module, you should be able to do the following:

- Enter values for QuickCodes
- Create fiscal years
- Specify dates for calendar periods
- Set up journal entry formats

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Agenda

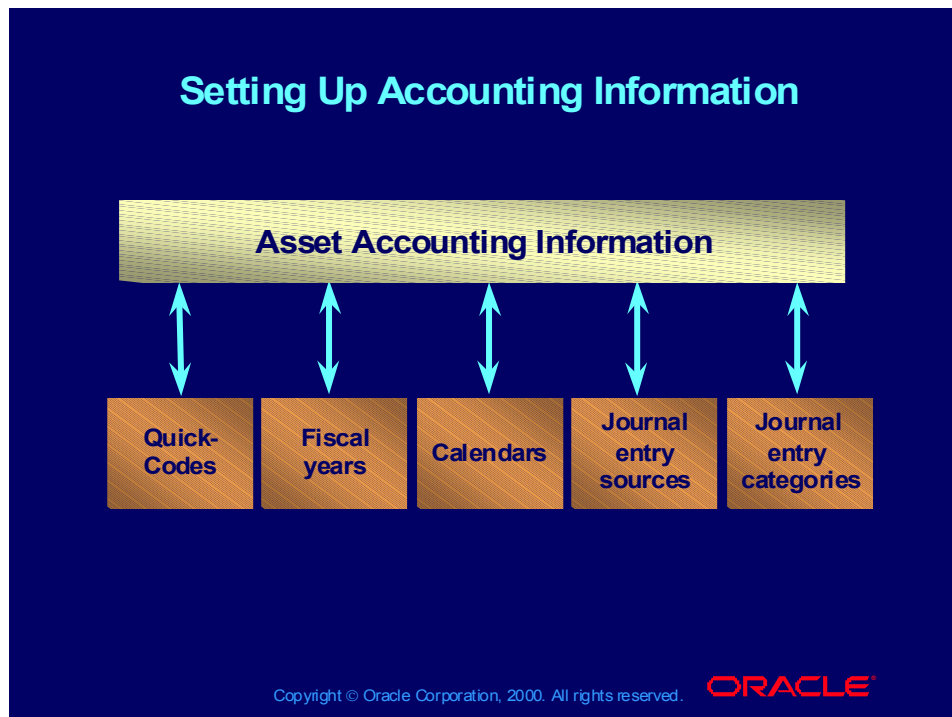
Agenda

- QuickCodes
- Fiscal years
- Calendars
- Journal entry formats

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Setting Up Accounting Information



Asset Accounting Information

- Identify QuickCode types and enter its values as standard asset information.
- Set up multiple fiscal years for different asset books.
- Set up as many calendars as you need using the same fiscal year name and specify the dates for each calendar period.
- If you plan to integrate with Oracle General Ledger, specify the journal entry sources and categories.

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Agenda

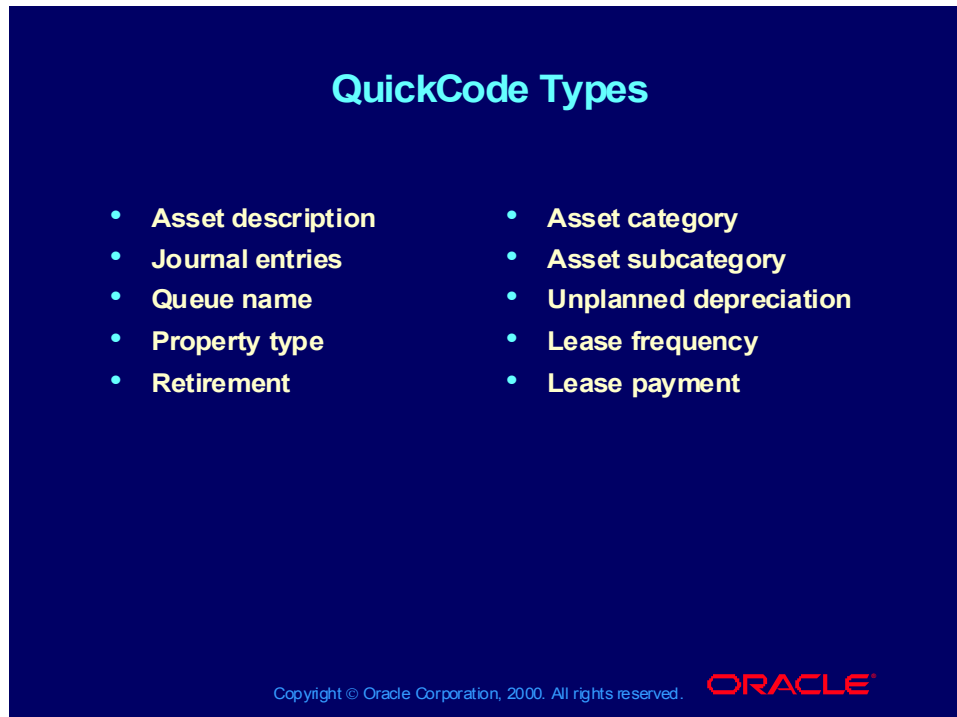
Agenda

- **QuickCodes**
- Fiscal years
- Calendars
- Journal entry formats

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QuickCode Types



(Help) Oracle Financial Applications > Oracle Assets > System Setup > Entering QuickCodes

Agenda

Agenda

- QuickCodes
- **Fiscal years**
- Calendars
- Journal entry formats

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Fiscal Years

- Specify the start and end dates of each fiscal year for a fiscal year name.
- Define fiscal years from the oldest date placed in service through the current fiscal year.
- At the end of each fiscal year, the depreciation program automatically generates the dates for the following fiscal year and calendars.

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(Help) Oracle Financial Applications > Oracle Assets > System Setup > Creating Fiscal Years

Demonstration

This demonstration covers:

- Defining QuickCodes
- Defining Fiscal Years

(N) Setup > Asset System > QuickCodes

(N) Setup > Asset System > Fiscal Years

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Agenda

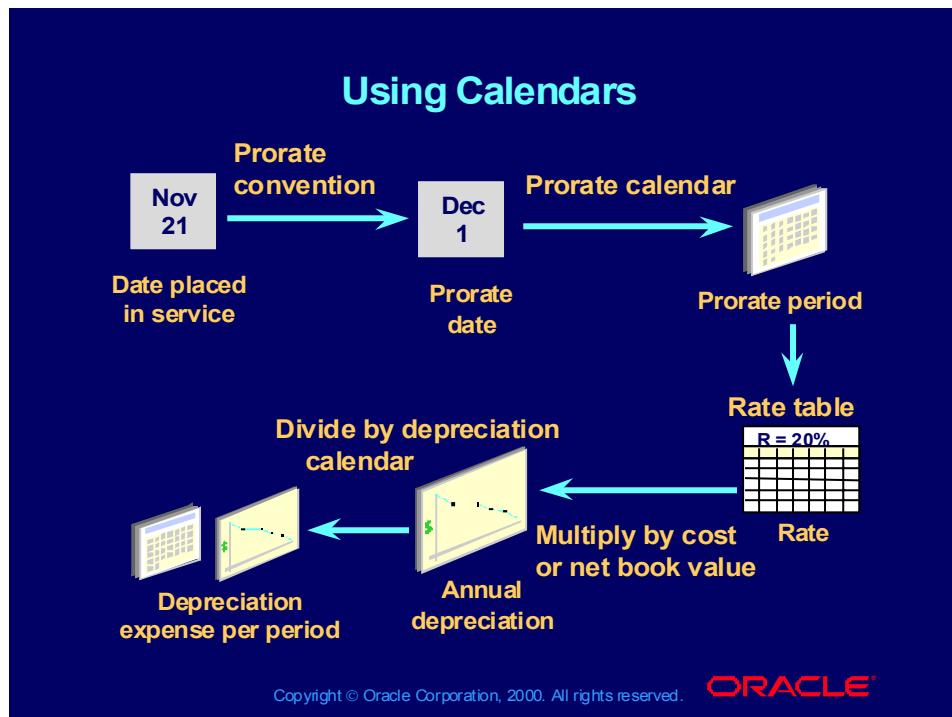
Agenda

- QuickCodes
- Fiscal years
- **Calendars**
- Journal entry formats

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Using Calendars



Setting Up Calendars

Each asset book requires a depreciation calendar and a prorate calendar.

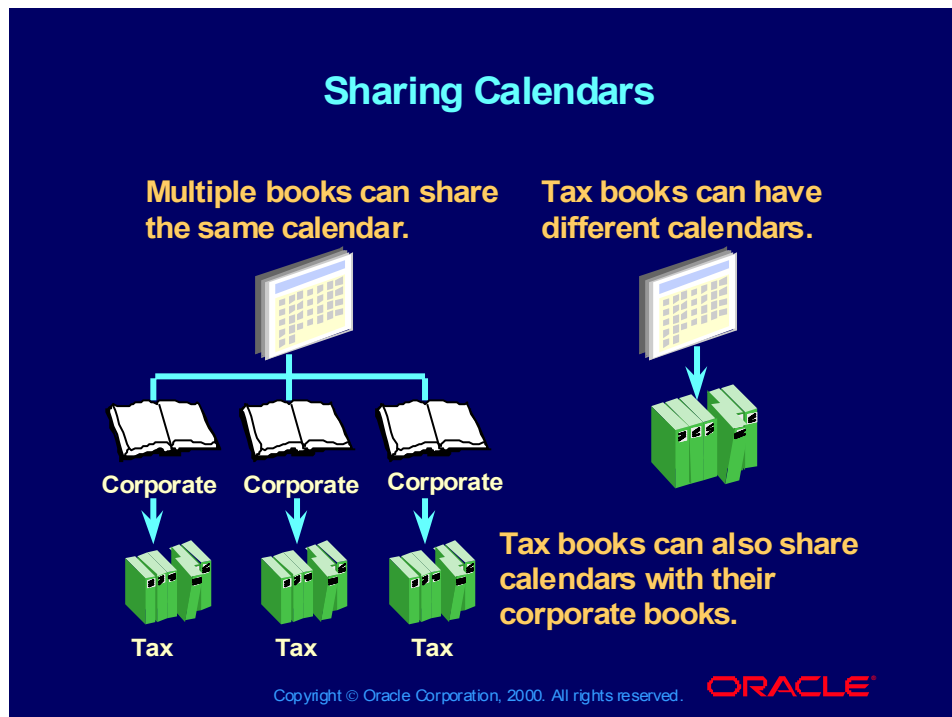
- **Prorate calendar:** determines the prorate period that is used to select the annual depreciation rate
- **Depreciation calendar:** determines the number of accounting periods in a fiscal year

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(Help) Oracle Financial Applications > Oracle Assets > System Setup > Specifying Dates for Calendar Periods

Sharing Calendars



Shared Calendars

- **Corporate calendars**
 - A corporate book can share the same calendar as its depreciation calendar and prorate calendar
 - Corporate calendars use the same fiscal year name
- **Tax book calendars**
 - Tax books can have a different calendar from their associated corporate book
 - The corporate and tax calendars must use the same fiscal year name

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General Ledger Calendars

- Oracle Assets calendars are additional to and different from the general ledger calendar.
- The depreciation calendar period names should be identical to the general ledger calendar period names for proper transfer of journal entries.
- Since only the period names should match, you need not create an adjusting general ledger period in Oracle Assets.

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Demonstration

In Oracle Assets we will demonstrate how to

- Set up calendars
- Specify dates for calendar periods

(N) Setup > Asset System > Calendars

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Agenda

Agenda

- QuickCodes
- Fiscal years
- Calendars
- **Journal entry formats**

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Setting Up Journal Entry Formats

Setting Up Journal Entry Formats

Specify the labels for journal entries to the general ledger:

- Journal entry sources identify the origin of journal entry transactions.
- You define additional journal entry sources in the Journal Sources window.
- Journal entry categories describe the purpose or type of journal entries. You can define additional categories if necessary.

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(Help) Oracle Financial Applications > Oracle General Ledger > Setting Up General Ledger > Defining Sets of Books > Defining Journal Sources

(Help) Oracle Financial Applications > Oracle General Ledger > Setting Up General Ledger > Journal Categories > Defining Journal Categories

Summary

In this module, you should have learned how to:

- **Enter values for QuickCodes**
- **Create fiscal years**
- **Specify dates for calendar periods**
- **Set up journal entry formats**

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Practice 1 Overview

Practice 1 Overview

This practice covers:

- **Identifying QuickCodes**
- **Defining calendar terms**
- **Distinguishing sharing calendars among books**

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Practice 1 Instructions with Solution

Practice 1 Instructions with Solution

In this practice, you will:

- Give an example of a QuickCode type
- Match terms with definitions
- Answer a question about tax and budget books

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Practice 1 Instructions

1. Give an example of a QuickCode type. _____

2. Match the following terms with their definitions.

- | | |
|-----------------------------|--|
| _____ Depreciation Calendar | a. Determines the number of accounting periods in a fiscal year. |
| _____ Prorate Convention | b. Determined by the prorate date, determines the rate to use for depreciation.. |
| _____ Prorate Date | c. Determined by the date placed in service and the prorate convention. |
| _____ Prorate Period | d. Using the date placed in service, determines the prorate date. |

3. True or False: Tax and budget books require associated corporate books. _____

Practice 1 Solution

1. Give an example of a QuickCode type. **Asset Descriptions, Journal Entries, Property and Retirement types, or Queue name**

2. Match the following terms with their definitions.

- | | |
|---------------------------|--|
| Depreciation Calendar (a) | a. Determines the number of accounting periods in a fiscal year. |
| Prorate Convention (d) | b. Determined by the prorate date, determines the rate to use for depreciation.. |
| Prorate Date (c) | c. Determined by the date placed in |

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- service and the prorate convention.
- Prorate Period **(b)** d. Using the date placed in service,
determines the prorate date.
3. True or False: Tax and budget books require associated corporate books. **True**

Practice 2 Overview

Practice 2 Overview

This practice covers:

- **Setting up a calendar**
- **Entering a QuickCode**

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Practice 2 Instructions with Solution

Practice 2 Instructions with Solution

In this practice, you will set up a calendar.

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Practice 2 Instructions

You have been hired to set up Oracle Assets for Coffee Bean Company (CBC) headquartered in San Francisco.

1. Set up the calendar.
2. Use the fiscal year ACCOUNTING. (The fiscal year ACCOUNTING has already been set up.) Define CBC's calendar. CBC would like to track and report financial transactions on a monthly basis.
3. Set up a twelve-period calendar for the January to December fiscal year.
4. The calendar name is: MON XXX (where XXX is your initials).
5. The period suffix should be Calendar.

Practice 2 Solution

1. Set up the calendar by navigating to the Calendars window.
- (N)Setup—>Asset System—>Calendars
2. Set up a twelve-period calendar for the January to December fiscal year.
- Name the monthly calendar MON XXX (XXX is your initials).
3. Use the list of values to find the fiscal year ACCOUNTING.
4. Under period suffix, select Calendar.
5. Enter 12 periods using the following format:

Number	Name	From Date	To Date
--------	------	-----------	---------

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1	JAN-99	01-JAN-1999	31-JAN-1999
2	FEB-99	01-FEB-1999	28-FEB-1999

Setting Up Asset Depreciation

Chapter 4

Setting Up Asset Depreciation

Oracle Assets Release 11i

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Objectives

After completing this module, you should be able to do the following:

- **Set up depreciation books**
- **Define depreciation methods**
- **Set up depreciation ceilings**
- **Specify the dates for prorate conventions**
- **Define price indexes to report gains and losses**
- **Create units of measure to label production**

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Agenda

Agenda

- Depreciation books
- Depreciation methods
- Depreciation ceilings
- Prorate conventions
- Price indexes
- Units of measure

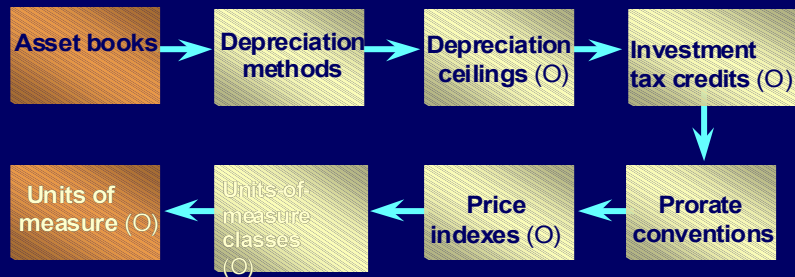
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Defining Depreciation

Defining Depreciation

Set up depreciation by defining the following, many optional, to fit the needs of the organization:



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Agenda

Agenda

- **Depreciation books**
- Depreciation methods
- Depreciation ceilings
- Prorate conventions
- Price indexes
- Units of measure

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Defining Depreciation Books

Defining Depreciation Books

- Define corporate, tax, and budget depreciation books.
- Define the corporate book first, then you can associate it with multiple tax and budget books.
- Define the asset books by entering information in four different regions.

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(Help) Oracle Financial Applications > Oracle Assets > System Setup > Depreciation Books

Defining Depreciation Rules

Defining Depreciation Rules

- Set up additional depreciation methods if required.
- Set up the depreciation expense and cost ceilings, as well as the investment tax credit rates and ceilings, if needed.
- Define prorate conventions from the oldest date placed in service to the current fiscal year.
- Define price indexes, if necessary, to report gains and losses by using the revalued asset cost.
- Create units of measure.

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(Help) Oracle Financial Applications > Oracle Assets > System Setup > Defining Additional Depreciation Methods

Agenda

Agenda

- Depreciation books
- **Depreciation methods**
- Depreciation ceilings
- Prorate conventions
- Price indexes
- Units of measure

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Additional Depreciation Methods

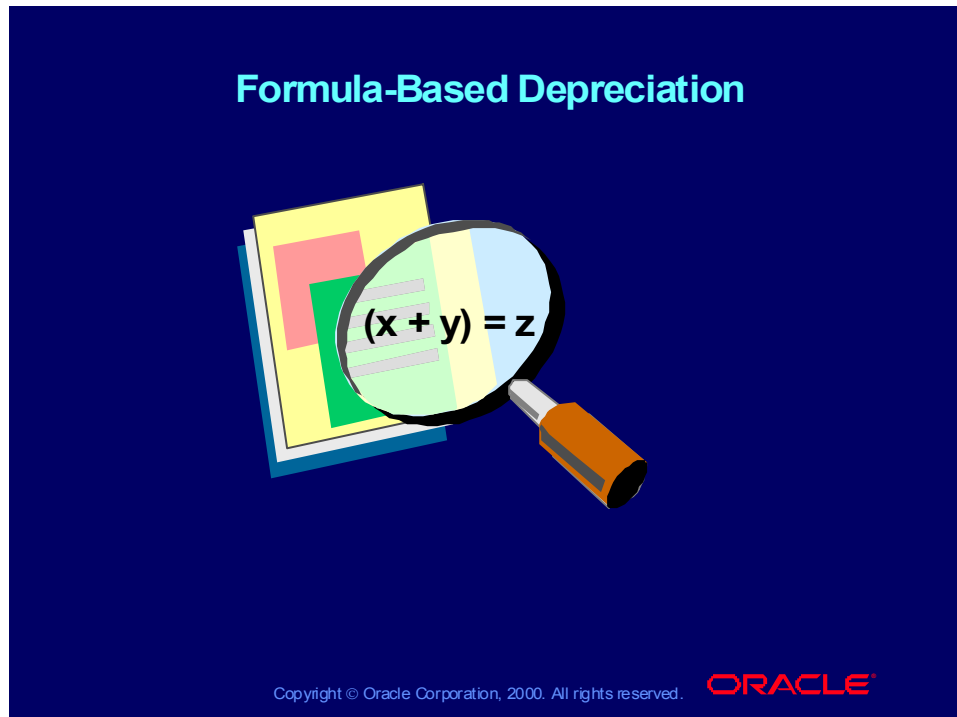
Oracle Assets allows you to set up the following types of additional depreciation methods:

- **Life-based**
- **Flat-rate**
- **Units-of-production**
- **Formula-based**

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Formula-Based Depreciation



Formula-Based Depreciation

Formula-Based Depreciation

- Use Oracle Assets to define formulas to derive annual depreciation rates for your assets.
- Use defined depreciation formulas to customize the depreciation calculation in Oracle Assets to meet your specific needs.
- Use formula-based depreciation to comply with laws governing depreciation of assets in a short tax year.

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(Help) Oracle Financial Applications > Oracle Assets > System Setup > Defining Formula-Based Depreciation Methods

Creating Depreciation Formulas

- Use the Depreciation Formula window to create depreciation formulas.
- The window contains standard calculator keys, which you use to insert elements into the formula. The calculator has the following special menus:
 - Variables
 - Functions
 - Formulas

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Demonstration

In Oracle Assets we will demonstrate how to:

- Set up a depreciation book
- Define additional depreciation methods
- Define a formula-based depreciation method

(N) Setup > Asset System > Book Controls

(N) Setup > Depreciation > Methods

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Agenda

Agenda

- Depreciation books
- Depreciation methods
- **Depreciation ceilings**
- Prorate conventions
- Price indexes
- Units of measure

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Defining Depreciation Ceilings

Defining Depreciation Ceilings

- **Cost ceilings:** cost ceilings limit an asset's total depreciation
- **Expense ceilings:** expense ceilings limit an asset's annual depreciation
- **Investment tax credit (ITC) ceilings:** ITC ceilings limit the cost Oracle Assets uses to calculate investment tax credits

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(Help) Oracle Financial Applications > Oracle Assets > System Setup > Setting Up Depreciation Ceilings; System Setup > Defining Investment Tax Credit Rates

Agenda

Agenda

- Depreciation books
- Depreciation methods
- Depreciation ceilings
- **Prorate conventions**
- Price indexes
- Units of measure

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Prorate Conventions

Prorate Conventions

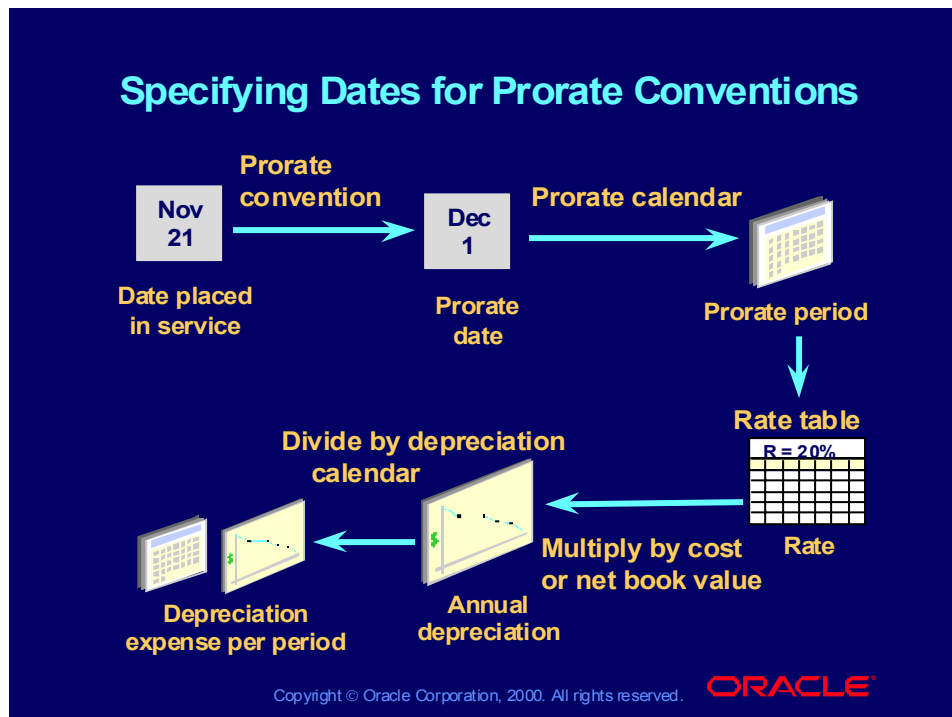
- The prorate convention determines the annual depreciation for the first fiscal year.
- The prorate date and the prorate calendar determine the prorate period.
- Enter the prorate date for each date-placed-in-service range.
- Specify whether to spread annual depreciation from the date placed in service or from the prorate date.

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(Help) Oracle Financial Applications > Oracle Assets > System Setup > Prorate Conventions

Specifying Dates for Prorate Conventions



Retirement Conventions

- The retirement convention determines the annual depreciation for the retirement year.
- In the United States, the retirement and prorate conventions are usually the same.
- Use any defined prorate convention as a retirement convention.

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(Help) Oracle Financial Applications > Oracle Assets > System Setup > Prorate Conventions

Agenda

Agenda

- Depreciation books
- Depreciation methods
- Depreciation ceilings
- Prorate conventions
- **Price indexes**
- Units of measure

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Price Indexes

- You must set up your price indexes before you can assign them to an asset category and book.
- You can use one price index for several asset categories in the same or different books, or you can have a different price index for each asset category in a depreciation book.
- The Revalued Asset Retirement Report uses price indexes to:
 - Determine the revalued asset cost
 - Calculate gains and losses for your retired assets using the revalued cost

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(Help) Oracle Financial Applications > Oracle Assets > System Setup > Defining Price Indexes

Agenda

Agenda

- Depreciation books
- Depreciation methods
- Depreciation ceilings
- Prorate conventions
- Price indexes
- **Units of measure**

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Units of Measure

- Unit-of-measure classes group units of measure.
- Units of measure label the production amounts for units-of-production assets.
- Create the units of measure for production amounts for units-of-production assets.
- Oracle Assets does not perform any conversions between units of measure.

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(Help) Oracle Manufacturing Applications > Oracle Inventory > Setting Up > Units of Measure

Summary

In this module, you should have learned how to:

- **Set up depreciation books**
- **Define depreciation methods**
- **Set up depreciation expense and cost ceilings**
- **Enter investment tax credit rates and ceilings**
- **Specify the dates for prorate conventions**
- **Define price indexes to report gains and losses**
- **Create units of measure to label production**

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Practice 1 Overview

Practice 1 Overview

This practice covers setting up a corporate asset book.

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Practice 1 Instructions with Solution

Practice 1 Instructions with Solution

In this practice, you will create a corporate book using the Book Controls window.

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Practice 1 Instructions

In this practice, you will set up a corporate asset book.

Instructions

1. Create a corporate asset book using the Book Controls form.
2. Use the following parameters in setting up this corporate book:

Name = XX CORP BOOK (where XX is your Class #)

Class = Corporate

Description = XX CORPORATE BOOK

3. Click to the Calendar region.

GL Set of Books = Vision Operations

Allow GL Posting = Yes (checked)

Depreciation Calendar = Monthly

Prorate Calendar = Monthly

Current Period = DEC-97

Divide Depreciation = Evenly

Depreciate If Retired in First Year = Yes

Last Depreciation Run will default to current system date

4. Click to the Accounting Rules region.

Allow Amortized Changes = Yes

Allow Mass Changes = Yes

Leave Allow Revaluation checked

Do not check any Tax Rules or Allow Mass Copy

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5. Click to the Natural Accounts region.

Enter the following Natural Account values in the pattern shown:

7850 7851 1247

7852 7853 2240

7854 7855

7854 7855

1810

2370

2540

7860

1690

01-740-9999-0000-000

6. Click to the Journal Categories region.

Journal Source = Assets

Select the Journal Categories with the same name as the field name shown on the form:

Additions = Addition

CIP Additions = CIP Addition

Adjustments = Adjustments

CIP Adjustments = CIP Adjustment

Retirements = Retirement

CIP Retirements = CIP Retirement

Reclass = Reclass CIP

Reclass = CIP Reclassification

Transfers = Transfer CIP

Transfers = CIP Transfer

Revaluation = Revaluation

Depreciation = Depreciation

Deferred Depreciation = Deferred Depreciation

Depreciation Adjustment = Depreciation Adjustment

7. Save your work.

Practice 1 Solution

1. Navigate to the Book Controls form.

(N) Setup—>Asset System—>Book Controls

2. Enter the given parameters in the corresponding fields:

Book = XX CORP BOOK (where XX is your Class #)

Class = Corporate

Description = XX CORPORATE BOOK

3. Click to the Calendar region. Enter the given parameters in the corresponding fields:

GL Set of Books = Vision Operations

Allow GL Posting = Yes (checked)

Depreciation Calendar = Monthly

Prorate Calendar = Monthly

Current Period = DEC-97

Divide Depreciation = Evenly

Depreciate If Retired in First Year = Yes

Last Depreciation Run will default to current system date

4. Click to the Accounting Rules region. Check or leave blank the specified check boxes:

Allow Amortized Changes = Yes

Allow Mass Changes = Yes

Leave Allow Revaluation checked

Do not check any Tax Rules or Allow Mass Copy

5. Click to the Natural Accounts region. Enter the following Natural Account values in the specified pattern:

7850 7851 1247

7852 7853 2240

7854 7855

7854 7855

1810

2370

2540

7860

1690

01-740-9999-0000-000

6. Click to the Journal Categories region. Enter the given journal source in the corresponding field

Journal Source = Assets

Select the journal categories with the same name as the field name shown on the form:

Additions = Addition

CIP Additions = CIP Addition

Adjustments = Adjustments

CIP Adjustments = CIP Adjustment

Retirements = Retirement

CIP Retirements = CIP Retirement

Reclass = Reclass CIP

Reclass = CIP Reclassification

Transfers = Transfer CIP

Transfers = CIP Transfer

Revaluation = Revaluation

Depreciation = Depreciation

Deferred Depreciation = Deferred Depreciation

Depreciation Adjustment = Depreciation Adjustment

7. Save your work.

Setting Up Asset Categories

Chapter 5

Setting Up Asset Categories

Oracle Assets Release 11i

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Objectives

After completing this module, you should be able to do the following:

- **Set up asset categories for each asset book**
- **Set up the default depreciation rules for each category**
- **Set the extended life of an asset**

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Agenda

Agenda

- **Asset categories**
- **Default depreciation rules**
- **Asset extended life**

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Agenda

Agenda

- **Asset categories**
- Default depreciation rules
- Asset extended life

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Asset Categories

- **Asset categories specify accounting flexfield accounts and default depreciation rules for assets in an asset book.**
- **You can set up different default depreciation rules depending on the date placed in service.**
- **You can set the extended life of an asset.**

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Setting Up Asset Categories

- **Asset categories group assets that share financial accounts and usually depreciate using the same rules.**
- **You specify accounts and default depreciation rules for assets in a category and a book.**
- **You also set up a default depreciation limit for each asset category, book, and range of dates in service, and you create distribution sets.**
- **For assets using a straight-line depreciation method, you control the depreciation expense amount taken for each period.**

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**(Help) Oracle Financial Applications > Oracle Assets > System Setup
> Asset Categories**

Agenda

Agenda

- Asset categories
- **Default depreciation rules**
- Asset extended life

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Setting Up Default Depreciation Rules

Setting Up Default Depreciation Rules

When you set up depreciation rules, these rules are used to default:

- Depreciation rules when you add an asset
- The depreciation expense account segment when you assign an asset to a distribution line
- The retirement method when you retire an asset
- Journal entry accounts

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**(Help) Oracle Financial Applications > Oracle Assets > System Setup
> Asset Categories > Entering Default Depreciation Rules for a
Category**

Demonstration

In Oracle Assets we will demonstrate how to:

- Set up an asset category
- Set up default depreciation rules

(N) Setup > Asset System > Asset Categories

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Agenda

Agenda

- Asset categories
- Default depreciation rules
- **Asset extended life**

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Setting Up an Asset's Extended Life

Setting Up an Asset's Extended Life

- You can depreciate an asset in the years following its useful life if the asset uses a straight-line or flat-rate depreciation method.
- You do this by specifying a depreciation limit as a flat amount or as a percentage.
- Oracle Assets continues to depreciate the asset, up to the specified depreciation limit, in periods after the useful life has ended.

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(Help) Oracle Financial Applications > Oracle Assets > Depreciation > Depreciating Assets Beyond the Useful Life

Summary

In this module, you should have learned how to:

- **Set up asset categories for each asset book**
- **Set up the default depreciation rules for each category**
- **Set the extended life of an asset**

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Practice 1 Overview

Practice 1 Overview

This practice reinforces the ability to define asset categories to the corporate asset book.

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Practice 1 Instructions with Solution

Practice 1 Instructions with Solution

In this practice, you defined categories to the asset corporate book.

Category	Cost A/C	Clearing A/C	Dep Segment	Acc Depr A/C	Method (Default Rules)	Prorate Convention (Default Rules)
BUILDING-OFFICE	01-000-1520-0000-000	01-000-1570-0000-000	7320	01-000-1620-0000-000	STL 30	Mid Month
VEHICLE-OWNED HEAVY	01-000-1550-0000-000	01-000-1570-0000-000	7350	01-000-1650-0000-000	STL 4	Mid Month
COMPUTER-PC	01-000-1560-0000-000	01-000-1570-0000-000	7360	01-000-1660-0000-000	STL 4	Mid Month
VEHICLE-OWNED STANDARD	01-000-1550-0000-000	01-000-1570-0000-000	7350	01-000-1650-0000-000	STL 4	Mid Month

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Practice 1 Instructions

In this practice, you will define or assign some existing categories to your corporate asset book using the information shown above.

1. Navigate to the Asset Categories window.
2. Query the first category listed in the table below (BUILDING-OFFICE) in the Category field.
3. Add a new record.
4. Use the list of values to select your corporate asset book.
5. Specify the accounting information as shown in the table above.
6. Click on the Default Rules button.
7. Specify the depreciation method and prorate convention according to the last columns in the table above.
8. Save your work and close the Default Rules window. You should be back at the Asset Categories window.
9. Click the Category field and repeat steps 3-8 for the remaining categories listed above until all four categories are added to your corporate book.
10. When you have finished, run the Asset Category Listing Report and verify that all four categories exist for your new asset book.
11. View your report.

Practice 1 Solution

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1. Navigate to the Asset Categories window.

(N) Setup—>Asset System—>Asset Categories

2. Select Find All from the View menu, and in the Category field, scroll the cursor down until the field displays BUILDING-OFFICE.

3. Move the cursor in the Book field in the General Ledger Accounts region and then scroll the cursor down until the field is blank.

4. Use the list of values to select your corporate asset book.

5. Specify the accounting information from the table shown above.

6. Click on the Default Rules button.

7. Specify the depreciation method and prorate convention according to the last columns in the above table.

8. Save your work and close the Default Rules window. You should be back at the Asset Categories window.

9. Click on the Category field at the top of the Asset Categories window and repeat the previous steps starting with Step 3 for the remaining categories listed above until all four categories are added to your corporate book.

10. When you are finished, run the Asset Category Listing Report and verify that all four categories exist for your new asset book.

(N) Other—>Requests—>Run

11. View your report.

Help—>View My Requests—>(B)Find

Setting Up Additional Asset Options

Chapter 6



Objectives

After completing this module, you should be able to do the following:

- **Create distribution sets**
- **Define leases**
- **Set up financial options, suppliers, and employees**
- **Set up warranties**
- **Set up descriptive flexfields**
- **Define asset insurance**
- **Set up profile options**
- **Archive, purge, and restore historical data**

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Agenda

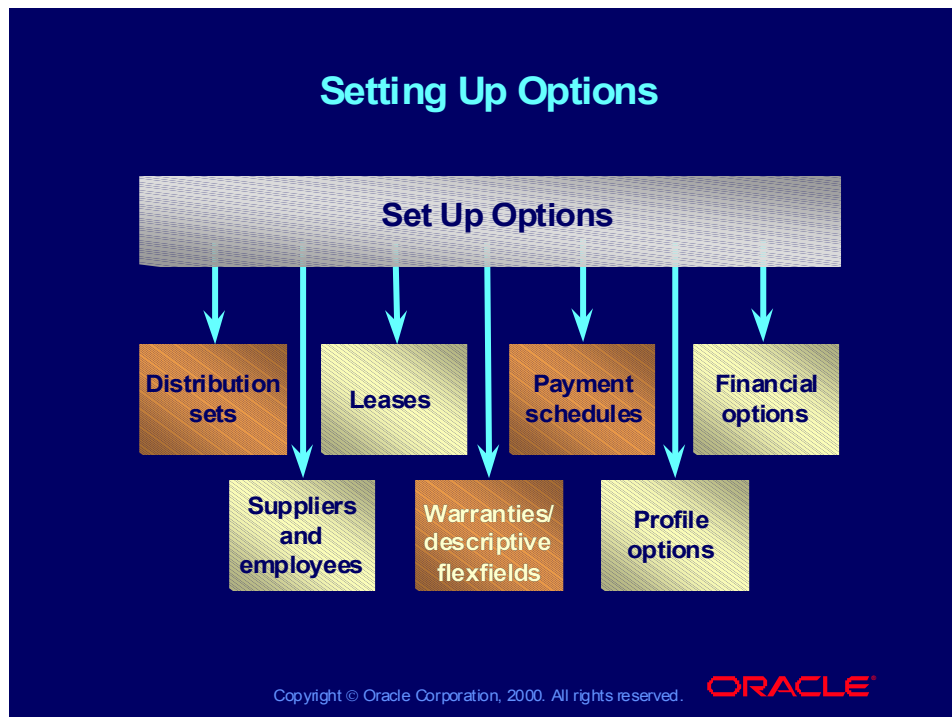
Agenda

- **Distribution sets**
- **Leases and payment schedules**
- **Financial options, suppliers, and employees**
- **Warranties**
- **Descriptive flexfields**
- **Asset insurance**
- **Profile options**
- **Historical data**

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Setting Up Options



Agenda

Agenda

- **Distribution sets**
- Leases and payment schedules
- Financial options, suppliers, and employees
- Warranties
- Descriptive flexfields
- Asset insurance
- Profile options
- Historical data

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Creating Distribution Sets

Creating Distribution Sets

- Use distribution sets to allocate percentages of asset units to different depreciation expense account, locations, and employees.
- You can define one or more distributions in a set.
- You can change the distribution information for a distribution set at any time.

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(Help) Oracle Financial Applications > Oracle Assets > System Setup > Defining Distribution Sets

Agenda

Agenda

- Distribution sets
- **Leases and payment schedules**
- Financial options, suppliers, and employees
- Warranties
- Descriptive flexfields
- Asset insurance
- Profile options
- Historical data

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Defining Leases

Oracle Assets considers a leased asset to be capitalized if any one of the following criteria is met:

- The ownership of the asset transfers to the lessee at the end of the lease
- A bargain purchase option exists
- The term of the lease is more than 75% of the economic life of the leased asset
- The present value of the minimum lease payments exceeds 90% of the fair market value of the asset at lease inception

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(Help) Oracle Financial Applications > Oracle Assets > System Setup > Entering Leases

Leases

- You can test a lease to determine whether to capitalize and depreciate assets assigned to it.
- You can assign capitalized assets to capitalized leases and expense assets that are from operating leases.
- When you add leased assets using the Detail Additions process, you can attach the assets to leases you have previously defined.
- You can assign multiple assets to the same lease.

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Payment Schedules

- You can use the Lease Payments window to define a payment schedule, calculate the present value of lease payments, or analyze alternative leasing structures.
- If you have already defined a payment schedule for your lease, you can attach it to the lease in the Lease Details window.

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Amortization Schedules

You create amortization schedules to allocate capital lease payments between principal and interest based on the effective interest rate implicit in the lease contract.

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Demonstration

In Oracle Assets we will demonstrate how to:

- Define leases
 - Define payment schedules
 - Create amortization schedules
- (N) Setup > Asset System > Leases

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Practice 1 Overview

Practice 1 Overview

This practice tests the following new skills:

- **Creating a lease payment schedule**
- **Creating an amortization schedule**

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Practice 1 Instructions with Solution

Practice 1 Instructions with Solution

In this practice, you will create a lease payment schedule and an amortization schedule.

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Practice 1 Instructions

In this practice, you will create a lease payment schedule and an amortization schedule.

- Create a lease payment schedule in the Lease Payments window.
- Use the following parameters:

Payment Schedule = Marine lease

Lease Date = 01-MAR-1999

Interest Rate = 12%

Currency = USD

Compounding Frequency = Monthly

- Enter the following information in the payment lines:

Line	Start Date	Amount	Number	Payment Type	End
Date					
1	01-MAR-1999	5,700.00	1		
2	01-APR-1999	1900.00	57	Annuity	

Leave the end dates blank. Oracle Assets automatically displays an end date.

- Calculate the present value of the payment lines.
- From the lease payment schedule created, create an amortization schedule.
- Save your work.

Practice 1 Solution

1. Navigate to the Lease Payments window.

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(N) Setup—>Asset System—>Leases—>Lease Payments

2. Enter the following parameters:

Payment Schedule = Marine lease

Lease Date = 01-MAR-1999

Interest Rate = 12%

Currency = USD

Compounding Frequency = Monthly

3. Enter the following information in the payment lines:

Line Date	Start Date	Amount	Number	Payment Type	End
1	01-MAR-1999	5,700.00	1		
2	01-APR-1999	1900.00	57	Annuity	

Leave the end dates blank. Oracle Assets automatically displays an end date.

4. Click Calculate to calculate the present value of the payment lines.

5. Click View Amortization.

6. Select Save from the File menu to save your work.

Agenda

Agenda

- Distribution sets
- Leases and payment schedules
- **Financial options, suppliers, and employees**
- Warranties
- Descriptive flexfields
- Asset insurance
- Profile options
- Historical data

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Financial Options

Use the Financial Options window in Oracle Payables to specify:

- Supplier numbering schemes
- Employee numbering schemes

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(Help) Oracle Financial Applications > Oracle Payables > Setup > Financial Options

Suppliers

- If you do not install Oracle Purchasing or Oracle Payables, use the Suppliers window in Oracle Assets to define the suppliers.
- Enter a supplier before entering assets or importing mass additions purchased from that supplier.
- Oracle Assets uses the supplier name, number, and inactive date only.

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Practice 2 Overview

Practice 2 Overview

This practice tests the following new skills:

- **Creating locations**
- **Entering suppliers**

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Practice 2 Instructions with Solution

Practice 2 Instructions with Solution

In this practice, you will create locations and enter suppliers.

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Practice 2 Instructions

1. Set up locations.

Add the following new location:

- Store 1 (XX_CLASS) at headquarters in San Diego, California. XX is the number assigned to you by your instructor.

2. Set up the suppliers.

Set up the following supplier in Oracle Assets:

- U PAY LESS XX. XX is the number assigned to you by your instructor.

Practice 2 Solution

1. Set up locations by navigating to the Locations window.

(N) Setup—>Asset System—>Locations

Add the following new location:

- Store 1 (XX_CLASS) at headquarters in San Diego, California.

2. Set up the suppliers by navigating first to the Suppliers Summary window.

(N) Setup—>Financials—>Suppliers

3. Click Open and enter the following supplier in the Suppliers window:

- U PAY LESS XX (where XXX is the number assigned to you by your instructor).

4. These suppliers are eventually displayed in the Suppliers Summary window.

Employees

Employees

- If you do not install Oracle Human Resources, Oracle Payroll, Oracle Purchasing, or Oracle Payables, use the New Hire Entry window in Oracle Assets to define employees.
- Enter an employee before assigning an asset to the employee.
- Oracle Assets uses the employee name, number, and termination date only.

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(Help) Oracle HRMS Applications > Oracle HRMS > Oracle HRMS Global > Employee Management > How To > Manage Personal Information > Enter a New Person

Agenda

Agenda

- Distribution sets
- Leases and payment schedules
- Financial options, suppliers, and employees
- **Warranties**
- Descriptive flexfields
- Asset insurance
- Profile options
- Historical data

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Warranties

- You can define and track descriptive information on manufacturer and supplier warranties in Oracle Assets.
- You can assign any number of assets to the same warranty.
- If a warranty has assets assigned to it, you cannot update or delete the warranty.

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(Help) Oracle Financial Applications > Oracle Assets > System Setup > Defining Asset Warranties

Practice 3 Overview

Practice 3 Overview

This practice reinforces the ability to set up a warranty.

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Practice 3 Instructions with Solution

Practice 3 Instructions with Solution

In this practice, you will set up a warranty.

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Practice 3 Instructions

- Set up a warranty in the Asset Warranties window.
- Use the following parameters:
Warranty Number = classXX (XX is the number assigned by your instructor)
Description = Computer Maintenance
Start Date = 01-JUN-2000
End Date = 31-MAY-2003
Currency = USD
Cost = 150
Supplier Name = GE Capital
Supplier Number = 1001
Leave the employee name and number blank.
The warranty is not renewable.
- Save your work.

Practice 3 Solution

Setting Up a Warranty

- 1 Navigate to the Asset Warranties window.
(N)Setup—>Asset System—>Warranties
- 2 Enter the following parameters in the respective fields:
Warranty Number = classXX

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Description = Computer Maintenance

Start Date = 01-JUN-2000

End Date = 31-MAY-2003

Currency = USD

Cost = 150

Supplier Name = GE Capital

Supplier Number = 1001

3 Leave the Renewable check box blank.

4 Select Save from the Action menu to save your work.

Agenda

Agenda

- Distribution sets
- Leases and payment schedules
- Financial options, suppliers, and employees
- Warranties
- **Descriptive flexfields**
- Asset insurance
- Profile options
- Historical data

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Descriptive Flexfields

You set up descriptive flexfields to track additional information, for example:

- License numbers for cars
- Square footage for buildings

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Agenda

Agenda

- Distribution sets
- Leases and payment schedules
- Financial options, suppliers, and employees
- Warranties
- Descriptive flexfields
- **Asset insurance**
- Profile options
- Historical data

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Maintain Asset Insurance Values

Maintain Asset Insurance Values

- You can track asset insurance values in Oracle Assets to file accurate and timely insurance claims in the event of loss or damage.
- You can calculate insurance values by using one of three methods:
 - Value as New
 - Current Market Value
 - Manual Value
- You can maintain other relevant insurance information.

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(Help) Oracle Financial Applications > Oracle Assets > System Setup > Overview of Asset Insurance

Insurance Information

Asset insurance information includes:

- Insurance categories (fire, flood)
- Insurance policy information
- Current insurance value
- Optional updates that affect insurance value

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Calculation Methods

- **Value as New:** Calculates the insurance value of an asset based on its acquisition or production costs.
- **Market Value:** Calculates the current market value of an asset based on the net book value or acquisition cost, less accumulated depreciation.
- **Manual Value:** Manually enter or update an insurance value for an asset.

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Swiss Assets

- In Switzerland, the insurance value of certain types of assets, such as buildings, can be occasionally reassessed by the insurance company.
- Indexing of the insurance value can recommence after the insurance value has been redefined.
- Select the Special Swiss Assets check box to manually update the insurance value of an asset that uses either the Value as New or the Market Value calculation method.

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Practice 4 Overview

Practice 4 Overview

In this practice you will learn how to enter insurance information for assets and view reports.

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Practice 4 Instructions with Solution

Practice 4 Instructions with Solution

In this practice, you set up asset insurance.

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Practice 4 Instructions

In this practice, you will calculate the indexed insurance value of your Chevy Impala and review the new current value insurance amount. This asset will be assigned by your instructor.

Enter Asset Insurance Information

Your home office now wants to track indexed insurance valuation for all its assets. You have received instructions to use a new index table on your Oracle Assets installation called MARKET VALUE. HQ has also asked that you include additional insurance information with each asset. For your Chevy Impala, you need to record the following insurance information:

1. Find your asset (assigned by your instructor).
1. Enter XX_CLASS in the Policy Number field (XX is the number assigned by your instructor).
2. Enter an insurance company listed in the list of values.
3. Enter a supplier site listed in the list of values.

You will also need to record the coverage provided by the policy. Coverage information for your asset is included in the table below.

Line	Insurance Category	Hazard Class	Comments
1	Accident	Portable	
2	Theft	Portable	

Calculate Insurance Information

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Review your new indexed current value after you calculate insurance information for your asset.

Practice 4 Solution

Enter Asset Insurance Information

1. Navigate to the Fixed Asset Insurance window.

(N) Assets—>Insurance—>Insurance Policy Details

2. In the Find Assets window, enter OPS CORP for the depreciation book.

3. Enter the asset number of your asset and click Find.

4. Enter XX_CLASS in the Policy Number field.

5. Select an insurance company in the Insurance Company field.

6. Select a site in the Supplier Site field.

7. Select Market Value in the Calculation Method field.

8. Click the Lines button to enter additional insurance detail. Enter the following two lines:

Line	Insurance Category	Hazard Class	Comments
1	Accident	Portable	
2	Theft	Portable	

9. Save your work.

Calculate Insurance Information

1. Navigate to the Submit Request window to run the Insurance Calculation Routine concurrent request.

(N) Assets—>Insurance—>Insurance Calculation Routine

2. Enter the following information for the indicated fields:

Asset Book: OPS CORP

Year: 2000

From Asset Number: Your asset number

To Asset Number: Your asset number

3. Click OK.

4. Select Submit in the Submit Request window.

5. Navigate to the Fixed Asset Insurance window to review the amount in the Current Value field.

(N) Assets—>Insurance—>Insurance Policy Details

6. In the Find Assets window, enter the Asset Number of your Chevy Impala.

7. Review the revised current value.

Agenda

Agenda

- Distribution sets
- Leases and payment schedules
- Financial options, suppliers, and employees
- Warranties
- Descriptive flexfields
- Asset insurance
- **Profile options**
- Historical data

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Profile Options

- **Account Generator:
Purge Runtime Data**
- **FA: Allow Swiss Special
Assets**
- **FA: Archive Table Sizing
Factor**
- **FA: Cache Sizing Factor**
- **FA: Deprn Single**
- **FA: Generate Expense
Account**
- **FA: Large Rollback
Segment Name**
- **FA: Number Mass
Addition Parallel
Requests**
- **FA: Number of Parallel
Requests**
- **FA: Print Debug**
- **FA: Print Timing
Diagnostics**
- **FA: Security Profile**

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Account Generator: Purge Runtime Data

- Always set this profile option to Yes to ensure that Oracle Workflow has finished generating accounting flexfield code combinations.
- Temporarily set this option to No at the user level if you are debugging the account generator.
- This profile option is visible and can be updated at all levels.

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FA: Allow Swiss Special Assets

- Controls whether you can use the Swiss insurance calculation method.
- When this profile option is set, you can use the Swiss insurance calculation method when adding insurance information.

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FA: Archive Table Sizing Factor

- Controls the space allotted for the temporary tables created when you archive and purge a book.
- The sizing factor specifies how many storage kilobytes to reserve for the initial extent (the default is 100 kilobytes).
- Update this option if you are archiving a large number of records for a fiscal year.
- This profile option is visible to the system administrator, and can be updated at the application and responsibility levels.
- It is visible but cannot be updated by the user.

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FA: Cache Sizing Factor

- Controls the database information retained in the concurrent program for performance improvement.
- The range is 0 to 5, and the default value is 5.
- This profile option is visible to the system administrator and can be updated at the application and responsibility levels.
- It is visible but cannot be updated by the user.

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FA: Deprn Single

- Controls the caching buffer used when you run depreciation.
- Set the buffer to either No (20) or Yes (1). The default is No.

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FA: Generate Expense Account

- **Allows you to generate a depreciation expense account based on Workflow rules.**
- **When you set to Yes, the account is generated based on Workflow rules.**
- **When you set to No, the expense account entered for the asset is used.**

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FA: Large Rollback Segment Name

- Indicates the rollback segment name that Oracle Assets uses for programs requiring large rollback space.
- If you do not specify a large rollback segment, Oracle Assets uses the first available rollback segment.
- This profile option is visible to the system administrator and can be updated at the application and responsibility levels.
- It is visible but cannot be updated by the user.

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FA: Number Mass Addition Parallel Requests

- Controls the number of requests the Mass Additions Post program will run in parallel.
- Enter a number between 1 and 20 to specify the maximum number of parallel requests allowed. The default is 2.
- This profile option is visible to the system administrator and can be updated at the application and responsibility levels.
- It is visible but cannot be updated by the user.

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FA: Number of Parallel Requests

- Controls the number of requests that Oracle Assets programs can run in parallel.
- Enter a number between 1 and 20 to specify the maximum number of parallel requests allowed.
- This profile option is visible to the system administrator and can be updated at the application and responsibility levels.
- It is visible but cannot be updated by the user.

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FA: Print Debug

- Indicates whether debug tracing messages are printed in concurrent program log files.
- This profile option is visible to the system administrator and can be updated at the application, user, and responsibility levels.

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FA: Print Timing Diagnostics

- Indicates whether timing diagnostic messages are printed in concurrent program log files.
- This profile option is visible to the system administrator and can be updated at the application, user, and responsibility levels.

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FA: Security Profile

- **Restricts access to the organizations defined in the security profile.**
- **This option is seeded at the site level with the view-all security profile created for the Startup Business Group.**

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Agenda

Agenda

- Distribution sets
- Leases and payment schedules
- Financial options, suppliers, and employees
- Warranties
- Descriptive flexfields
- Asset insurance
- Profile options
- **Historical data**

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Cleaning Up Existing Data

Cleaning Up Existing Data

Purging historical data from tables

FA_ADJUSTMENTS									
1988									

FA_DEPRN_DETAIL									
1988									

FA_DEPRN_SUMMARY									
1988									

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Cleaning Up Historical Data

- You can archive and purge historical data from the following Oracle Assets tables to manage the hardware resources:
 - FA_ADJUSTMENTS
 - FA_DEPRN_SUMMARY
 - FA_DEPRN_DETAIL
- Oracle Assets does not purge the most recent record of an asset.
- Purge by fiscal year and asset book.

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Using the Purge Security

Use the Status field in the Archive and Purge window to control the archive.

Status	Definition	Possible Action
New	New archive defined	Archive
Archived	Archive completed successfully for book and fiscal year	Purge
Purged	Purge successful for fiscal year	Restore
Restored	Fiscal year successfully restored to tables	Purge

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Responsibility Security

- **Oracle Assets provides archive and purge functionality under the Fixed Assets Administrator responsibility only.**
- **Limit access to those who require it.**

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Book Security

- You allow an asset book to be purged in the Book Controls window. To prevent accidental purging, select Allow Purge only while actually performing purge operations.
- Oracle Assets prohibits purging for the book's current fiscal year.

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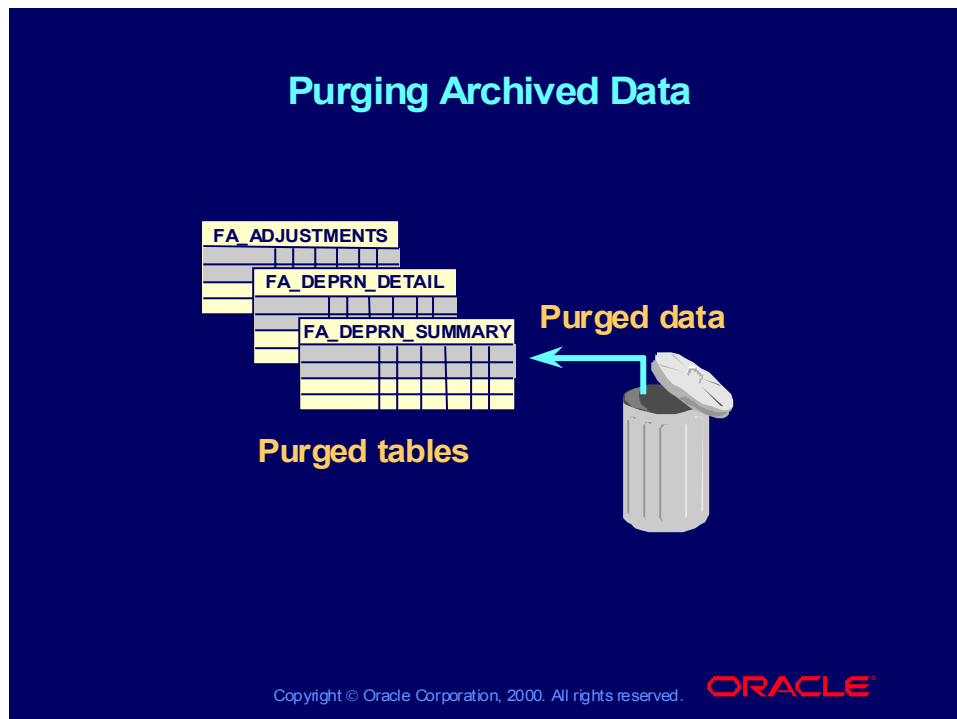
Status and Action Security

- The status limits the action. Oracle Assets allows purging for archived fiscal years only.
- Also, when the status is archived, you can purge only fiscal years when the temporary archive tables exist.

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Purging Archived Data



Restoring Archived Data

- **Importing Temporary Tables (Database Administrator)**
 - Import the temporary archive tables for the fiscal year and book.
 - These tables are the temporary archive tables created by the archive.
- **Restoring Data**
 - Use the archive number to query the archive definition in the Archive and Purge window.
 - Select Restore.

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Restoring Data

- You can only restore the most recently purged fiscal year, so you must restore fiscal years in reverse chronological order.
- If data are no longer needed, purge the restored data without archiving again.
- The temporary archive tables need not exist to purge with the status Restored.

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Demonstration

In Oracle Assets we will demonstrate how to:

- Archive data
- Purge data
- Restore archived data

(N) Purge > Depreciation

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Summary

In this module, you should have learned how to:

- **Create distribution sets**
- **Define leases**
- **Set up financial options, suppliers, and employees**
- **Set up warranties**
- **Set up descriptive flexfields**
- **Define asset insurance**
- **Set up profile options**
- **Archive, purge, and restore historical data**

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Practice 5 Overview

Practice 5 Overview

This practice tests the following new skills:

- **Identifying the archive tables**
- **Identifying which responsibility archives and purges**

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Practice 5 Instructions with Solution

Practice 5 Instructions with Solution

In this practice, you will reinforce your understanding of identifying archive tables and identifying which responsibility archives and purges.

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Practice 5 Instructions

A colleague created a new archive definition for US CORP.

1. What tables will this archive?

2. Can you restore the data fully so it is available for online inquiry?

3. Which responsibility can perform the archiving and purging process in Oracle Assets?

4. What are the benefits to purging data periodically?

5. How can you prevent accidental purging of data?

Practice 5 Solution

A colleague created a new archive definition for US CORP.

1. What tables will this archive?

FA_ADJUSTMENTS

FA_DEPRN_SUMMARY

FA_DEPRN_DETAIL

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2. Can you restore the data fully so it is available for online inquiry?

Yes. Restore fiscal years in reverse chronological order.

3. Which responsibility can perform the archiving and purging process in Oracle Assets?

Fixed assets administrator

4. What are the benefits to purging data periodically?

Purging data periodically reduces the size of the tables and manages the hardware resources.

5. How can you prevent accidental purging of data?

To prevent accidental purge, limit access to the fixed assets administrator responsibility, and select Allow Purge while actually performing purge operations only.