

PeopleSoft®

PeopleSoft EnterpriseOne Equipment Cost Analysis 8.11 SP1 PeopleBook

August 2005

PeopleSoft EnterpriseOne Equipment Cost Analysis 8.11 SP1 PeopleBook
SKU E1_APPS811SP1AEC-B 0805
Copyright © 2005, Oracle. All rights reserved.

The Programs (which include both the software and documentation) contain proprietary information; they are provided under a license agreement containing restrictions on use and disclosure and are also protected by copyright, patent, and other intellectual and industrial property laws. Reverse engineering, disassembly, or decompilation of the Programs, except to the extent required to obtain interoperability with other independently created software or as specified by law, is prohibited.

The information contained in this document is subject to change without notice. If you find any problems in the documentation, please report them to us in writing. This document is not warranted to be error-free. Except as may be expressly permitted in your license agreement for these Programs, no part of these Programs may be reproduced or transmitted in any form or by any means, electronic or mechanical, for any purpose.

If the Programs are delivered to the United States Government or anyone licensing or using the Programs on behalf of the United States Government, the following notice is applicable:

U.S. GOVERNMENT RIGHTS

Programs, software, databases, and related documentation and technical data delivered to U.S. Government customers are “commercial computer software” or “commercial technical data” pursuant to the applicable Federal Acquisition Regulation and agency-specific supplemental regulations. As such, use, duplication, disclosure, modification, and adaptation of the Programs, including documentation and technical data, shall be subject to the licensing restrictions set forth in the applicable Oracle license agreement, and, to the extent applicable, the additional rights set forth in FAR 52.227-19, Commercial Computer Software–Restricted Rights (June 1987). Oracle Corporation, 500 Oracle Parkway, Redwood City, CA 94065.

The Programs are not intended for use in any nuclear, aviation, mass transit, medical, or other inherently dangerous applications. It shall be the licensee’s responsibility to take all appropriate fail-safe, backup, redundancy and other measures to ensure the safe use of such applications if the Programs are used for such purposes, and we disclaim liability for any damages caused by such use of the Programs.

The Programs may provide links to Web sites and access to content, products, and services from third parties. Oracle is not responsible for the availability of, or any content provided on, third-party Web sites. You bear all risks associated with the use of such content. If you choose to purchase any products or services from a third party, the relationship is directly between you and the third party. Oracle is not responsible for: (a) the quality of third-party products or services; or (b) fulfilling any of the terms of the agreement with the third party, including delivery of products or services and warranty obligations related to purchased products or services. Oracle is not responsible for any loss or damage of any sort that you may incur from dealing with any third party.

Oracle, JD Edwards, PeopleSoft, and Retek are registered trademarks of Oracle Corporation and/or its affiliates. Other names may be trademarks of their respective owners.

Open Source Disclosure

Oracle takes no responsibility for its use or distribution of any open source or shareware software or documentation and disclaims any and all liability or damages resulting from use of said software or documentation. The following open source software may be used in Oracle’s PeopleSoft products and the following disclaimers are provided.

This product includes software developed by the Apache Software Foundation (<http://www.apache.org/>). Copyright © 1999-2000 The Apache Software Foundation. All rights reserved. THIS SOFTWARE IS PROVIDED “AS IS” AND ANY EXPRESSED OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE APACHE SOFTWARE FOUNDATION OR ITS CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

Contents

General Preface

- About This PeopleBook Prefacevii**
- PeopleSoft Application Prerequisites.....vii
- PeopleSoft Application Fundamentals.....vii
- Documentation Updates and Printed Documentation.....viii
 - Obtaining Documentation Updates.....viii
 - Ordering Printed Documentation.....viii
- Additional Resources.....ix
- Typographical Conventions and Visual Cues.....x
 - Typographical Conventions.....x
 - Visual Cues.....xi
 - Country, Region, and Industry Identifiers.....xii
 - Currency Codes.....xii
- Comments and Suggestions.....xii
- Common Elements Used in PeopleBooks.....xiii

Preface

- PeopleSoft EnterpriseOne Equipment Cost Analysis Preface.....xv**
- PeopleSoft Products.....xv
- PeopleSoft Application Fundamentals.....xv

Chapter 1

- Getting Started.....1**
- Equipment Cost Analysis Overview.....1
- Equipment Cost Analysis Integrations.....2
- Equipment Cost Analysis Implementation.....2
 - Global Implementation Steps.....2
 - Equipment Cost Analysis Implementation.....3

Chapter 2

- Setting Up Equipment Cost Analysis.....5**
- Understanding Equipment Cost Analysis Setup.....5
- Defining the Scope for the Equipment Cost Analysis.....5

Understanding Scope Definition for the Equipment Cost Analysis.....6
 Understanding Inquiry Column Definition.....7
 Prerequisite.....7
 Forms Used to Define Scope for the Equipment Cost Analysis.....8
 Setting Processing Options for the Equipment Cost Analysis Program (P13801).....8
 Defining Groups, Subgroups and Search Filters for the Equipment Cost Analysis.....9
 Setting Up Inquiry Columns for Equipment Cost Analysis.....12
Setting Up Equipment Cost Analysis Rules.....14
 Understanding Equipment Cost Analysis Rules.....14
 Prerequisites.....14
 Forms Used to Set Up Equipment Cost Analysis Rules.....15
 Setting Processing Options for Equipment Cost Analysis Rules (P13803).....15
 Setting Up Equipment Cost Analysis Rules.....15

Chapter 3

Analyzing Equipment Costs.....17
 Understanding Equipment Cost Analysis.....17
 Generating Equipment Costs.....18
 Understanding Equipment Cost Generation.....18
 Forms Used to Generate Equipment Costs Online.....19
 Generating Equipment Costs in Batch.....19
 Generating Equipment Costs Online.....19
 Reviewing Equipment Costs.....19
 Understanding Review Options for Equipment Cost Analysis.....19
 Prerequisites.....20
 Forms Used to Review Equipment Costs.....21
 Reviewing Equipment Costs by Equipment or Account.....21
 Reviewing Equipment Costs by Work Order.....21

Appendix A

Equipment Cost Analysis Reports.....23
 Equipment Cost Analysis Reports: A - Z.....23
 Equipment Cost Analysis Reports: Selected Reports.....23
 R13801A - Export Equipment Cost.....23
 Processing Options for Export Equipment Cost (R13801A).....23

Glossary of PeopleSoft Terms.....25

Index35

About This PeopleBook Preface

PeopleBooks provide you with the information that you need to implement and use PeopleSoft applications.

This preface discusses:

- PeopleSoft application prerequisites.
- PeopleSoft application fundamentals.
- Documentation updates and printed documentation.
- Additional resources.
- Typographical conventions and visual cues.
- Comments and suggestions.
- Common elements in PeopleBooks.

Note. PeopleBooks document only page elements, such as fields and check boxes, that require additional explanation. If a page element is not documented with the process or task in which it is used, then either it requires no additional explanation or it is documented with common elements for the section, chapter, PeopleBook, or product line. Elements that are common to all PeopleSoft applications are defined in this preface.

PeopleSoft Application Prerequisites

To benefit fully from the information that is covered in these books, you should have a basic understanding of how to use PeopleSoft applications.

You might also want to complete at least one PeopleSoft introductory training course, if applicable.

You should be familiar with navigating the system and adding, updating, and deleting information by using PeopleSoft menus, and pages, forms, or windows. You should also be comfortable using the World Wide Web and the Microsoft Windows or Windows NT graphical user interface.

These books do not review navigation and other basics. They present the information that you need to use the system and implement your PeopleSoft applications most effectively.

PeopleSoft Application Fundamentals

Each application PeopleBook provides implementation and processing information for your PeopleSoft applications.

Note. Application fundamentals PeopleBooks are not applicable to the PeopleTools product.

For some applications, additional, essential information describing the setup and design of your system appears in a companion volume of documentation called the application fundamentals PeopleBook. Most PeopleSoft product lines have a version of the application fundamentals PeopleBook. The preface of each PeopleBook identifies the application fundamentals PeopleBooks that are associated with that PeopleBook.

The application fundamentals PeopleBook consists of important topics that apply to many or all PeopleSoft applications across one or more product lines. Whether you are implementing a single application, some combination of applications within the product line, or the entire product line, you should be familiar with the contents of the appropriate application fundamentals PeopleBooks. They provide the starting points for fundamental implementation tasks.

Documentation Updates and Printed Documentation

This section discusses how to:

- Obtain documentation updates.
- Order printed documentation.

Obtaining Documentation Updates

You can find updates and additional documentation for this release, as well as previous releases, on the PeopleSoft Customer Connection website. Through the Documentation section of PeopleSoft Customer Connection, you can download files to add to your PeopleBook Library. You'll find a variety of useful and timely materials, including updates to the full PeopleSoft documentation that is delivered on your PeopleBooks CD-ROM.

Important! Before you upgrade, you must check PeopleSoft Customer Connection for updates to the upgrade instructions. PeopleSoft continually posts updates as the upgrade process is refined.

See Also

PeopleSoft Customer Connection, <https://www.peoplesoft.com/corp/en/login.jsp>

Ordering Printed Documentation

You can order printed, bound volumes of the complete PeopleSoft documentation that is delivered on your PeopleBooks CD-ROM. PeopleSoft makes printed documentation available for each major release shortly after the software is shipped. Customers and partners can order printed PeopleSoft documentation by using any of these methods:

- Web
- Telephone
- Email

Web

From the Documentation section of the PeopleSoft Customer Connection website, access the PeopleBooks Press website under the Ordering PeopleBooks topic. The PeopleBooks Press website is a joint venture between PeopleSoft and MMA Partners, the book print vendor. Use a credit card, money order, cashier's check, or purchase order to place your order.

Telephone

Contact MMA Partners at 877 588 2525.

Email

Send email to MMA Partners at peoplebookspres@mmapartner.com.

See Also

PeopleSoft Customer Connection, <https://www.peoplesoft.com/corp/en/login.jsp>

Additional Resources

The following resources are located on the PeopleSoft Customer Connection website:

Resource	Navigation
Application maintenance information	Updates + Fixes
Business process diagrams	Support, Documentation, Business Process Maps
Interactive Services Repository	Interactive Services Repository
Hardware and software requirements	Implement, Optimize + Upgrade, Implementation Guide, Implementation Documentation & Software, Hardware and Software Requirements
Installation guides	Implement, Optimize + Upgrade, Implementation Guide, Implementation Documentation & Software, Installation Guides and Notes
Integration information	Implement, Optimize + Upgrade, Implementation Guide, Implementation Documentation and Software, Pre-built Integrations for PeopleSoft Enterprise and PeopleSoft EnterpriseOne Applications
Minimum technical requirements (MTRs) (EnterpriseOne only)	Implement, Optimize + Upgrade, Implementation Guide, Supported Platforms
PeopleBook documentation updates	Support, Documentation, Documentation Updates
PeopleSoft support policy	Support, Support Policy
Prerelease notes	Support, Documentation, Documentation Updates, Category, Prerelease Notes
Product release roadmap	Support, Roadmaps + Schedules
Release notes	Support, Documentation, Documentation Updates, Category, Release Notes

Resource	Navigation
Release value proposition	Support, Documentation, Documentation Updates, Category, Release Value Proposition
Statement of direction	Support, Documentation, Documentation Updates, Category, Statement of Direction
Troubleshooting information	Support, Troubleshooting
Upgrade documentation	Support, Documentation, Upgrade Documentation and Scripts

Typographical Conventions and Visual Cues

This section discusses:

- Typographical conventions.
- Visual cues.
- Country, region, and industry identifiers.
- Currency codes.

Typographical Conventions

This table contains the typographical conventions that are used in PeopleBooks:

Typographical Convention or Visual Cue	Description
Bold	Indicates PeopleCode function names, business function names, event names, system function names, method names, language constructs, and PeopleCode reserved words that must be included literally in the function call.
<i>Italics</i>	Indicates field values, emphasis, and PeopleSoft or other book-length publication titles. In PeopleCode syntax, italic items are placeholders for arguments that your program must supply. We also use italics when we refer to words as words or letters as letters, as in the following: Enter the letter <i>O</i> .
KEY+KEY	Indicates a key combination action. For example, a plus sign (+) between keys means that you must hold down the first key while you press the second key. For ALT+W, hold down the ALT key while you press the W key.
Monospace font	Indicates a PeopleCode program or other code example.

Typographical Convention or Visual Cue	Description
“ ” (quotation marks)	Indicate chapter titles in cross-references and words that are used differently from their intended meanings.
. . . (ellipses)	Indicate that the preceding item or series can be repeated any number of times in PeopleCode syntax.
{ } (curly braces)	Indicate a choice between two options in PeopleCode syntax. Options are separated by a pipe ().
[] (square brackets)	Indicate optional items in PeopleCode syntax.
& (ampersand)	When placed before a parameter in PeopleCode syntax, an ampersand indicates that the parameter is an already instantiated object. Ampersands also precede all PeopleCode variables.

Visual Cues

PeopleBooks contain the following visual cues.

Notes

Notes indicate information that you should pay particular attention to as you work with the PeopleSoft system.

Note. Example of a note.

If the note is preceded by *Important!*, the note is crucial and includes information that concerns what you must do for the system to function properly.

Important! Example of an important note.

Warnings

Warnings indicate crucial configuration considerations. Pay close attention to warning messages.

Warning! Example of a warning.

Cross-References

PeopleBooks provide cross-references either under the heading “See Also” or on a separate line preceded by the word *See*. Cross-references lead to other documentation that is pertinent to the immediately preceding documentation.

Country, Region, and Industry Identifiers

Information that applies only to a specific country, region, or industry is preceded by a standard identifier in parentheses. This identifier typically appears at the beginning of a section heading, but it may also appear at the beginning of a note or other text.

Example of a country-specific heading: “(FRA) Hiring an Employee”

Example of a region-specific heading: “(Latin America) Setting Up Depreciation”

Country Identifiers

Countries are identified with the International Organization for Standardization (ISO) country code.

Region Identifiers

Regions are identified by the region name. The following region identifiers may appear in PeopleBooks:

- Asia Pacific
- Europe
- Latin America
- North America

Industry Identifiers

Industries are identified by the industry name or by an abbreviation for that industry. The following industry identifiers may appear in PeopleBooks:

- USF (U.S. Federal)
- E&G (Education and Government)

Currency Codes

Monetary amounts are identified by the ISO currency code.

Comments and Suggestions

Your comments are important to us. We encourage you to tell us what you like, or what you would like to see changed about PeopleBooks and other PeopleSoft reference and training materials. Please send your suggestions to:

PeopleSoft Product Documentation Manager PeopleSoft, Inc. 4460 Hacienda Drive Pleasanton, CA 94588

Or send email comments to doc@peoplesoft.com.

While we cannot guarantee to answer every email message, we will pay careful attention to your comments and suggestions.

Common Elements Used in PeopleBooks

Address Book Number	Enter a unique number that identifies the master record for the entity. An address book number can be the identifier for a customer, supplier, company, employee, applicant, participant, tenant, location, and so on. Depending on the application, the field on the form might refer to the address book number as the customer number, supplier number, or company number, employee or applicant id, participant number, and so on.
As If Currency Code	Enter the three-character code to specify the currency that you want to use to view transaction amounts. This code allows you to view the transaction amounts as if they were entered in the specified currency rather than the foreign or domestic currency that was used when the transaction was originally entered.
Batch Number	Displays a number that identifies a group of transactions to be processed by the system. On entry forms, you can assign the batch number or the system can assign it through the Next Numbers program (P0002).
Batch Date	Enter the date in which a batch is created. If you leave this field blank, the system supplies the system date as the batch date.
Batch Status	Displays a code from user-defined code (UDC) table 98/IC that indicates the posting status of a batch. Values are: <i>Blank:</i> Batch is unposted and pending approval. <i>A:</i> The batch is approved for posting, has no errors and is in balance, but it has not yet been posted. <i>D:</i> The batch posted successfully. <i>E:</i> The batch is in error. You must correct the batch before it can post. <i>P:</i> The system is in the process of posting the batch. The batch is unavailable until the posting process is complete. If errors occur during the post, the batch status changes to E. <i>U:</i> The batch is temporarily unavailable because someone is working with it, or the batch appears to be in use because a power failure occurred while the batch was open.
Branch/Plant	Enter a code that identifies a separate entity as a warehouse location, job, project, work center, branch, or plant in which distribution and manufacturing activities occur. In some systems, this is called a business unit.
Business Unit	Enter the alphanumeric code that identifies a separate entity within a business for which you want to track costs. In some systems, this is called a branch/plant.
Category Code	Enter the code that represents a specific category code. Category codes are user-defined codes that you customize to handle the tracking and reporting requirements of your organization.
Company	Enter a code that identifies a specific organization, fund, or other reporting entity. The company code must already exist in the F0010 table and must identify a reporting entity that has a complete balance sheet.

Currency Code	Enter the three-character code that represents the currency of the transaction. PeopleSoft EnterpriseOne provides currency codes that are recognized by the International Organization for Standardization (ISO). The system stores currency codes in the F0013 table.
Document Company	<p>Enter the company number associated with the document. This number, used in conjunction with the document number, document type, and general ledger date, uniquely identifies an original document.</p> <p>If you assign next numbers by company and fiscal year, the system uses the document company to retrieve the correct next number for that company.</p> <p>If two or more original documents have the same document number and document type, you can use the document company to display the document that you want.</p>
Document Number	Displays a number that identifies the original document, which can be a voucher, invoice, journal entry, or time sheet, and so on. On entry forms, you can assign the original document number or the system can assign it through the Next Numbers program.
Document Type	<p>Enter the two-character UDC, from UDC table 00/DT, that identifies the origin and purpose of the transaction, such as a voucher, invoice, journal entry, or time sheet. PeopleSoft EnterpriseOne reserves these prefixes for the document types indicated:</p> <p><i>P</i>: Accounts payable documents.</p> <p><i>R</i>: Accounts receivable documents.</p> <p><i>T</i>: Time and pay documents.</p> <p><i>I</i>: Inventory documents.</p> <p><i>O</i>: Purchase order documents.</p> <p><i>S</i>: Sales order documents.</p>
Effective Date	<p>Enter the date on which an address, item, transaction, or record becomes active. The meaning of this field differs, depending on the program. For example, the effective date can represent any of these dates:</p> <ul style="list-style-type: none">• The date on which a change of address becomes effective.• The date on which a lease becomes effective.• The date on which a price becomes effective.• The date on which the currency exchange rate becomes effective.• The date on which a tax rate becomes effective.
Fiscal Period and Fiscal Year	Enter a number that identifies the general ledger period and year. For many programs, you can leave these fields blank to use the current fiscal period and year defined in the Company Names & Number program (P0010).
G/L Date (general ledger date)	Enter the date that identifies the financial period to which a transaction will be posted. The system compares the date that you enter on the transaction to the fiscal date pattern assigned to the company to retrieve the appropriate fiscal period number and year, as well as to perform date validations.

PeopleSoft EnterpriseOne Equipment Cost Analysis Preface

This preface discusses:

- PeopleSoft products
- PeopleSoft application fundamentals

PeopleSoft Products

This PeopleBook refers to these PeopleSoft products:

- PeopleSoft EnterpriseOne Capital Asset Management
- PeopleSoft EnterpriseOne Equipment Cost Analysis
- PeopleSoft EnterpriseOne General Ledger

PeopleSoft Application Fundamentals

Additional, essential information describing the setup and design of the system appears in a companion volume of documentation called *PeopleSoft EnterpriseOne Financial Management Solutions Application Fundamentals PeopleBook*.

CHAPTER 1

Getting Started

This chapter discusses:

- Equipment Cost Analysis overview.
- Equipment Cost Analysis integrations.
- Equipment Cost Analysis implementation.

Equipment Cost Analysis Overview

As a complement to the Capital Asset Management product, the PeopleSoft EnterpriseOne system provides companies with the ability to perform detailed cost analysis on the equipment that they own and maintain. Equipment cost analysis benefits companies that use a variety of equipment and need to identify current problem areas or track increasing operational costs that point to future problems. For example, you could compare the maintenance costs for a group of related equipment over a number of financial years, or compare the maintenance costs for a type of equipment operating under a number of different operating environments or across different sites.

The Equipment Cost Analysis functionality is designed to supplement existing financial inquiries by providing the tools to analyze existing equipment cost information that is based on equipment coding rather than account coding. Equipment cost analysis enables you to generate and review cost summaries for equipment and assets. Cost summaries are based on relationships that you define for equipment. These relationships can be hierarchical, which are based on a hierarchy of equipment records; and logical, which are based on category codes that you use when setting up equipment and assets. For example, to summarize costs at the truck level, a trucking company might define a hierarchy relationship between all of the components of a vehicle. A utility company might establish category code relationships that represent different circuits to compare costs across different circuits.

With the Equipment Cost Analysis system, you can:

- Define groups and subgroups of equipment or assets that you want to include in cost analysis.
- Summarize costs that are based on the parent/child hierarchical relationship between equipment records.
- Review the total cost of maintaining an equipment assembly when, due to its size and critical role, the assembly has been broken down into components for history and cost tracking.
- Summarize costs that are based on equipment category code relationships between equipment records.
- Review the total cost of maintaining a specific type of equipment or an equipment group within a production plant, including the costs that are associated with the equipment components.

Equipment Cost Analysis Integrations

The Equipment Cost Analysis system integrates with these PeopleSoft EnterpriseOne systems:

- PeopleSoft EnterpriseOne Capital Asset Management
- PeopleSoft EnterpriseOne General Ledger

The Equipment Cost Analysis system works with other PeopleSoft EnterpriseOne systems to ensure that all information is fully integrated into the general ledger. We discuss integration considerations in the implementation chapters of this PeopleBook. Supplemental information about third-party application integrations is located in the PeopleSoft Customer Connection website.

Capital Asset Management

Equipment Cost Analysis is a supplement to the Capital Asset Management system. You use Equipment Cost Analysis to analyze the costs that are associated with the assets and equipment that you enter and manage using the Capital Asset Management system.

General Ledger

The Equipment Cost Analysis system uses cost information that is stored in the General Ledger system to calculate the costs that are associated with each asset or piece of equipment.

Equipment Cost Analysis Implementation

This section provides an overview of the steps that are required to implement the Equipment Cost Analysis system.

In the planning phase of an implementation, take advantage of all PeopleSoft sources of information, including the installation guides and troubleshooting information. A complete list of resources appears in the preface in *About These PeopleBooks* with information about where to find the most current version of each.

Global Implementation Steps

This table lists the global implementation steps for the Equipment Cost Analysis system:

Step	Reference
1. Set up companies, fiscal date patterns, and business units.	<i>PeopleSoft EnterpriseOne Financial Management Solutions Application Fundamentals 8.11 SP1 PeopleBook, "Setting Up Organizations"</i>
2. Set up accounts, and the chart of accounts.	<i>PeopleSoft EnterpriseOne Financial Management Solutions Application Fundamentals 8.11 SP1 PeopleBook, "Setting Up Bank Accounts"</i>
3. Set up the General Accounting constants.	<i>PeopleSoft EnterpriseOne General Accounting 8.11 SP1 PeopleBook, "Setting Up the General Accounting System"</i>

Step	Reference
4. Set up multicurrency processing, including currency codes and exchange rates.	<i>PeopleSoft EnterpriseOne Multicurrency Processing 8.11 SPI PeopleBook</i> , “Setting Up General Accounting for Multicurrency Processing” and <i>PeopleSoft EnterpriseOne Multicurrency Processing 8.11 SPI PeopleBook</i> , “Setting Up Exchange Rates”
5. Set up ledger type rules.	<i>PeopleSoft EnterpriseOne General Accounting 8.11 SPI PeopleBook</i> , “Setting Up the General Accounting System,” Setting Up Ledger Type Rules for General Accounting
6. Enter address book records.	<i>PeopleSoft EnterpriseOne Address Book 8.11 SPI PeopleBook</i> , “Entering Address Book Records”

Equipment Cost Analysis Implementation

This table lists the implementation steps for the Equipment Cost Analysis system:

Step	Reference
1. Set up the Capital Asset Management system.	<i>PeopleSoft EnterpriseOne Capital Asset Management 8.11 SPI PeopleBook</i> , “Setting Up Capital Asset Management”
2. Define the scope for equipment cost analysis.	Chapter 2, “Setting Up Equipment Cost Analysis.” Defining the Scope for the Equipment Cost Analysis, page 5
3. Set up equipment cost analysis rules.	Chapter 2, “Setting Up Equipment Cost Analysis.” Setting Up Equipment Cost Analysis Rules, page 14

CHAPTER 2

Setting Up Equipment Cost Analysis

This chapter provides an overview of equipment cost analysis setup and discusses how to:

- Define the scope for the equipment cost analysis.
- Set up equipment cost analysis rules.

Understanding Equipment Cost Analysis Setup

To perform equipment cost analysis, you have to complete some setup tasks. In addition to setting up equipment and assets, you must:

- Define equipment groups and subgroups.
- Define equipment filters.
- Set up analysis type and cost classification user-defined codes.
- Set up equipment cost analysis rules.
- Define inquiry columns for viewing equipment cost detail.

You define the equipment groups and subgroups that you want to analyze and then associate each subgroup with the equipment and date range that you want to include in the analysis. Each group and subgroup that you set up is associated with an analysis type code. Based on the analysis type, you define equipment cost analysis rules that define which accounts to include in the equipment cost analysis. The cost classification code on the rule is associated with each account that is selected and used when defining the inquiry columns. Finally, you define inquiry columns to indicate what types of costs that you want to compare and analyze (for example, labor and material costs, or budget and actual numbers).

Defining the Scope for the Equipment Cost Analysis

This section provides an overview of scope definition and inquiry column definition for the equipment cost analysis and describes how to:

- Set processing options for the Equipment Cost Analysis program (P13801).
- Define groups, subgroups and search filters for the equipment cost analysis.
- Setting up inquiry columns for equipment cost analysis.

Understanding Scope Definition for the Equipment Cost Analysis

Before you perform equipment cost analysis, you uniquely identify a cost analysis by defining groups and subgroups of assets or equipment for which you want to analyze costs. For example, an equipment grouping could consist of a process within a production facility for which you want to determine the total cost. Equipment types could be all pumps, motors, and so on, with similar characteristics within a facility that you want to analyze. A group can contain multiple subgroups so that comparisons can be made that are based on different equipment filters and date ranges.

Building an equipment cost analysis requires these steps:

- Define groups and subgroups.
- Define equipment filter criteria.
- Determine whether to include equipment components.
- Retrieve the equipment that matches the filter criteria.

After you have performed all of these steps, you can use the Save Search function to save the group and subgroup definition, the equipment filters, and the equipment that you retrieved, based on the filter setup. The system saves the equipment cost analysis definition to these tables and uses the definition to calculate and display equipment costs:

- Equipment Analysis Groups table (F1380)
- Equipment Analysis Filters table (F1381)
- Equipment Analysis Listing table (F1382)

Note. You cannot use the Save Search function until the group or subgroup is defined, the equipment filters have been set up, and you have retrieved at least one piece of equipment that matches the equipment filters.

If you change the group or subgroup definition or the equipment filters, and save the new information, the system deletes the cost for this cost analysis from the Equipment Analysis Cost table (F1383) since it no longer reflects the group definition and associated equipment listing.

Groups and Subgroups

To determine what equipment to include in an equipment cost analysis, you set up equipment groups and subgroups, and associate them with an analysis type code. You specify a date range to indicate the period for which you want to retrieve equipment costs from the Account Balance File table (F1202) and the Account Ledger table (F0911). The system stores group and subgroup definitions in the Equipment Analysis Group table (F1380).

To include equipment components that are set up in the equipment hierarchy in the equipment cost analysis, you can select an option to expand parent equipment to its more discrete levels. The equipment components are included in the equipment cost analysis even though they might not match the equipment filters that you define. When you perform the equipment cost analysis, the costs of these equipment components are rolled up to the parent equipment.

When you review or copy an existing group or subgroup definition, the system retrieves the associated equipment filter from the Equipment Analysis Filters table (F1381). At this point, you can review and update the group and subgroup definitions as needed.

Equipment Search Filters

After you set up a group or subgroup for the equipment cost analysis, including the analysis type that links the cost analysis to the rules that were set up in the Equipment Cost Analysis Rules program (P13803), you can use the filter fields that are provided on the Define Group/Subgroup form to specify the equipment to include in the cost analysis.

Depending on whether you are working with assets or with equipment, the filter fields are based on the Asset Master File table (F1201) or the Asset Master File table together with the Equipment Master Extension table (F1217) table. The F1217 table contains additional fields, such as Product Model and Product Family, as well as additional category codes.

Note. To make the equipment search more efficient, we recommend that you use category codes when setting up equipment. Category codes provide additional search criteria for the selection of equipment to include in the cost analysis.

When you save the search, this step saves the equipment group or subgroup definition, the equipment filters that you defined, and the equipment that is returned by the search to the tables that calculate and display the asset costs.

The filter selection that you apply to the equipment tables is stored in the Equipment Analysis Filters table when you save the group definition. The equipment that you retrieve by applying the equipment filters is stored in the Equipment Analysis Listing table.

Understanding Inquiry Column Definition

To define which equipment cost information to review on the Equipment Cost Analysis program (P13801), you can use the Equipment Cost Analysis Inquiry Columns program (P13804) to set up the columns to include in the display. You can define inquiry columns for a variety of costs, including:

- Actual labor
- Actual material
- Total maintenance
- Budget total
- For each column that you set up, you define a calculation formula that indicates how to calculate the amounts. The calculation formula is based on the user-defined classification codes that you set up for equipment cost analysis. The inquiry column definitions for the equipment cost analysis are stored in the Inquiry Columns table (F5192).

Note. The Equipment Cost Analysis program enables you to include up to ten columns of cost information in the display.

The cost classification codes that you use to use to create the formula are two-digit numeric codes with values ranging from 01 to 99. Ensure that you enter the leading zero where necessary. For example, 03+07+12 is a valid formula.

Prerequisite

Ensure that you set up the cost classification codes and calculation formulas for inquiry columns in the Cost Classification user-defined code (UDC) table (13/CC).

Forms Used to Define Scope for the Equipment Cost Analysis

Form Name	FormID	Navigation	Usage
Asset - Work With Equipment Cost Analysis	W13801B	Equipment Cost Analysis (G13ECA), Equipment Cost Analysis - Asset	Access forms to define the scope for cost analysis.
Equipment - Work With Equipment Cost Analysis	W13801B	Equipment Cost Analysis (G13ECA), Equipment Cost Analysis - Equipment	Access forms to define the scope for cost analysis.
Asset - Define Group/Subgroup - Asset	W13801D	Click Add on the Asset - Work With Equipment Cost Analysis form.	Define which assets and pieces of equipment to include in the equipment cost analysis.
Equipment - Define Group/Subgroup - Equipment	W13801C	Click Add on the Work With Equipment Cost Analysis form.	Define which assets and pieces of equipment to include in the equipment cost analysis.
Work With Inquiry Columns	W13804A	Equipment Cost Analysis (G13ECA), Equipment Cost Analysis Inquiry Columns	Access forms to define inquiry columns.
Define Inquiry Columns	W13804B	Click Add on the Work With Inquiry Columns form.	Define the cost information to review for the equipment cost analysis and define formulas to calculate the amounts to display.

Setting Processing Options for the Equipment Cost Analysis Program (P13801)

These processing options control the default processing for the Equipment Costs Analysis program.

Defaults

- 1. Group / Subgroup Filter** Specify which table the system uses when you create a new equipment cost analysis definition. Values are:
 - 1: Asset Master
 - 2: Asset Master / Equipment Extension
- 2. Equipment Cost Analysis Type** Specify which Equipment Cost Analysis Type to use when you create a new Equipment Cost Analysis Group / Subgroup. Use the Equipment Cost Analysis Type to control which accounts are included in the analysis and what columns are available. Values are included in UDC 13/CT (Equipment Cost Analysis).

- 3. Column Name 01, 4. Column Name 02, 5. Column Name 03, 6. Column Name 04, 7. Column Name 05, 8. Column Name 06, 9. Column Name 07, 10. Column Name 08, 11. Column Name 09, 12. Column Name 10**
- Specify the column-name default value for columns 01 through 10. The system uses these columns to control the way that the system displays cost information. You use the Equipment Cost Analysis Inquiry Columns program (P13804) to define the column names.

Versions

- 1. Asset Master Revisions (P1201) Version** Specify the version of the Asset Master Revisions program (P1201) that the system uses. If you leave this processing option blank, the system uses the ZJDE0001 version.
- 2. Equipment Master Revisions (P1702) Version** Specify the version of the Equipment Master Revisions program (P1702) that the system uses. If you leave this processing option blank, the system uses the ZJDE0002 version.
- 3. Work Order Cost (P48211) Version** Specify the version of the Work Order Cost program (P48211) that the system uses. If you leave this processing option blank, the system uses the ZJDE0001 version.
- 4. Cost Summary (P122101) Version** Specify the version of the Cost Summary program (P122101) that the system uses. If you leave this processing option blank, the system uses the ZJDE0002 version.
- 5. Export Equipment Cost (R13801A) Version** Specify the version of the Export Equipment Cost program (R13801A) that the system uses. If you leave this processing option blank, the system uses the XJDE0001 version.
- 6. Equipment Cost Analysis (P13803) Version** Specify the version of the Equipment Cost Analysis Rules program (P13803) that the system uses. If you leave this processing option blank, the system uses the ZJDE0001 version.

Defining Groups, Subgroups and Search Filters for the Equipment Cost Analysis

Access the Equipment - Define Group/Subgroup - Equipment or the Asset - Define Group/Subgroup - Asset form.

Equipment Cost Analysis - Equipment - Define Group/Subgroup - Equipment

Select Tab: 1-Group/Subgroup

Equipment Group* FANS Date From* 01/01/01 Date Thru* 12/30/02

Equipment Subgroup* EXHAUST Analysis Type* TRAINING Training Example

Description* Exhaust Fans Include Children

Records 1 - 5

Equipment Number	Description	Co	Business Unit	Location	Branch	Eq St	Customer Number
EF3	Exhaust Fan	00200	M30		M30		200
EF17	Exhaust Fan	00200	M30		M30		200
EF8	Exhaust Fan	00200	M30		M30		200
EF6	Exhaust Fan	00200	M30		M30	AV	200
EF7	Spare Exhaust Fan	00200	M38		M38		200

Equipment - Define Group/Subgroup - Equipment form

Equipment Group

Enter the name of the specific equipment group to analyze.

Equipment Subgroup

Enter the name of the specific equipment subgroup, within an equipment group, to analyze.

Date From

Enter the beginning date for which the transaction or code is applicable.

Date Thru

Enter the ending date for which the transaction or code is applicable.

Analysis Type

Enter the equipment cost analysis type. Equipment cost analysis types control the accounts that the system includes in the analysis and which columns are available. Enter a value from UDC 13/CT (Equipment Cost Analysis).

Include Children

Specify whether to include children (components) with their parent equipment. Values are:

On: Include children.

Off: Do not include children.

If you selected the Include Children option, you can expand parent assets to display their components.

Asset Number (ASII)

Enter the identification code that represents an asset. You enter the identification code in one of these formats:

1: Asset number (a computer-assigned, eight-digit, numeric control number)

2: Unit number (a 12-character alphanumeric field)

3: Serial number (a 25-character alphanumeric field)

Every asset has an asset number. You can use unit number and serial number to further identify assets. If this is a data entry field, the first character that you enter indicates whether you are entering the primary (default) format that is defined for the system, or one of the other two formats. A special character (such as ÷ or ×) in the first position of this field indicates which asset number

format you are using. You assign special characters to asset number formats on the fixed assets system constants form.

Business Unit

Enter the alphanumeric code that identifies a separate entity within the business for which you want to track costs. For example, a business unit might be a warehouse location, job, project, work center, branch, or plant.

You can assign a business unit to a document, entity, or person for purposes of responsibility reporting. For example, the system provides reports of open accounts payable and accounts receivable by business unit to track equipment by responsible department.

Business unit security might prevent you from viewing information about business units for which you have no authority.

Site

Enter the address book number for the lessor, renter, or lending institution.

Location

Enter the current physical location of an asset. The location must have a valid business unit or job number in the Business Unit Master table (F0006).

Equipment Status

Enter the status of the equipment. The system uses this code to identify the equipment or disposal status of an asset, such as available, down, or disposed. Enter a value from UDC 12/ES (Status or Disposal Code).

Company

Enter the identification number of the specific organization, fund, or other reporting entity. The company code must already exist in the Company Constants table (F0010) and must identify a reporting entity that has a complete balance sheet. At this level, you can have intercompany transactions.

Note. You can use company 00000 for default values such as dates and automatic accounting instructions. You cannot use company 00000 for transaction entries.

Product Model

Specify the code that classifies an inventory item into a model for customer service.

Some examples include Laser Printer, InkJet, or Fax. Enter a value from UDC 17/PM (Product Model).

Product Family

Specify the code that classifies an inventory item into a group for customer service.

Some examples include Laser Printer, InkJet, or Fax. Enter a value from UDC 17/PA (Product Family).

Branch

Specify the high-level business unit. Use this code to refer to a branch or plant that might have departments or jobs, which represent lower-level subordinate business units. For example:

- Branch/Plant (MMCU)
- Dept A (MCU)
- Dept B (MCU)
- Job 123 (MCU)

Business unit security is based on the higher-level business unit.

Display Children	<p>Specify whether you want children (components) to display with their associated parent assets. The balance of this statement as printed is deleted. Values are:</p> <p><i>On:</i> Display both children and parent assets.</p> <p><i>Off:</i> Display only parent assets.</p>
Major Accounting Class	<p>Specify a value from UDC 12/C1 (Major Accounting Class) that the system uses to determine the accounting class category code. You use this accounting category code to classify assets into groups or families (for example, 100 for land, 200 for vehicles, and 300 for general office equipment).</p> <p>We recommend that you set up major class codes that correspond to the major general ledger object accounts to facilitate the reconciliation to the general ledger.</p> <hr/> <p>Note. If you do not use the major accounting class code, you must set up a value for blank in the UDC table.</p> <hr/>
Major Equipment Class	<p>Specify a value from UDC 12/C2 (Major Equipment Class) that the system uses to classify assets into groups or families. You use the equipment category code as a subclass to further define the accounting class (for example, 310 for copy equipment, 320 for projectors, and 330 for typewriters) within the accounting class for general office equipment.</p> <hr/> <p>Note. If you do not use the major equipment class, you must set up a value for blank in the UDC table.</p> <hr/>
Manufacturer	<p>Specify a value from UDC 12/C3 (Manufacturer) that the system uses to classify assets into groups or families. You use the manufacturer category code to further define subclass codes. For example, you can define an International Harvester, single-axle within the subclass for trucks.</p>
Model Year	<p>Specify a value from UDC 12/C4 (Model Year) that the system uses to classify assets into groups or families. You use the model year category code to further define the subclass codes. For example, you can define a 1990 International Harvester, single-axle within the subclass for trucks.</p>
Usage Miles or Hours	<p>Specify a value from UDC 12/C5 (Usage Miles or Hours) that the system uses to classify assets into groups or families. You use the usage category codes to further define the subclass codes.</p>

Setting Up Inquiry Columns for Equipment Cost Analysis

Access the Define Inquiry Columns form.

The screenshot shows a window titled "Equipment Cost Analysis Inquiry Columns - Define Inquiry Columns". At the top, there are buttons for "OK", "Cancel", "Form", and "Tools". Below these buttons is a form with the following fields:

- Column Name*: ACTO
- Description*: Actual Other
- Column Heading 1*: Actual
- Column Heading 2: Other
- Formula*: 70+71+72+73
- Multiplier: (empty)

Define Inquiry Columns form

Column Name Enter the code that identifies a column. A column represents a performance factor, such as the average unit cost for an item and the last cost that you paid for an item. For example, you can review performance factors to compare suppliers' costs and services for a certain item.

Column Heading 1 Specify the first line in the heading that describes the column on the Equipment Cost Analysis screen. The system automatically centers this line for the column.

Formula Enter a calculation to determine an amount or quantity for this column. You can use a single predefined value or multiple predefined values in conjunction with mathematical operators to enter a formula. Valid mathematical operators are:

+ Add

– Subtract

× Multiply

÷ Divide

() Left and right parentheses for nesting

For example, you can enter this formula to calculate on-time percentages:

$$20 \div (20 + 21 + 22)$$

The preceding formula equals on-time percentages because:

- 20 is the value for on-time amounts.
- 21 is the value for early amounts.
- 22 is the value for late amounts.

Multiplier Enter the factor by which the amounts or unit quantities in a column are multiplied.

The result of the calculation in the Formula field is multiplied by this factor before the system displays it on the Equipment Cost Analysis form.

For example, to scale down extremely large numbers to thousands, enter .001. To display percentages as whole numbers, enter 100.

Use a multiplier of 1 for equipment statistics, such as hours, miles or fuel, to provide a positive value.

Setting Up Equipment Cost Analysis Rules

This section provides an overview of equipment cost analysis rules and describes how to:

- Set processing options for the Equipment Cost Analysis Rules program (P13803).
- Set up equipment cost analysis rules.

Understanding Equipment Cost Analysis Rules

To define how the system calculates costs that are included in an equipment cost analysis, you set up equipment cost analysis rules. Equipment cost analysis rules define which accounts are included in the cost analysis that is based on an analysis type code. The rules also determine the relationship between each account and the cost classification code establishes the user-defined inquiry columns on the Equipment Cost Analysis program (P13801). Equipment cost analysis rules have two primary functions to support equipment cost analysis:

- Filter equipment costs.
- Define the cost classification code.

Analysis type codes are required for defining the equipment groups and subgroups for the equipment analysis. Analysis type codes are user-defined codes that you set up in UDC 13/CT (Analysis Type Code). The system uses the analysis type code to search for equipment cost analysis rules. The search is performed first for the account company and then for the default company 0000, using this sequence:

- Company, ledger type, business unit, object account, subsidiary.
- Company, ledger type, object account, subsidiary.
- Company, ledger type, object account.

If the search does not retrieve a match for the account company or the default company, no analysis rule exists; and the account is not included in the cost analysis.

If an equipment cost analysis rule is found, the system returns the cost classification code for the rule and records it in the Equipment Analysis Costs table for each account. The cost classification code is a user-defined code that you set up in UDC 13/CC (Cost Classification). Use this code when you define the inquiry columns that display the cost information on the Equipment Cost Detail form.

The system stores equipment cost analysis rules in the Equipment Analysis Rules table (F1385).

Prerequisites

Before you complete the tasks in this section:

- Ensure that the cost analysis type code with which you want to associate cost analysis rules is set up in the Analysis Type UDC table (13/CT).
- Ensure that the cost classification codes for equipment cost analysis rules are set up in the Cost Classification UDC table (13/CC).

Forms Used to Set Up Equipment Cost Analysis Rules

Form Name	FormID	Navigation	Usage
Work With Equipment Cost Analysis Rules	W13803A	Equipment Cost Analysis (G13ECA), Equipment Cost Analysis Rules	Access forms to set up equipment cost analysis rules.
Equipment Cost Analysis Rules	W13803B	Click Add on the Work With Equipment Cost Analysis Rules form.	Define how to calculate costs included in the equipment cost analysis.

Setting Processing Options for Equipment Cost Analysis Rules (P13803)

Processing options enable you to specify the default processing for programs and reports.

Versions

- 1. Accounts (P0901) Version** Specify the version of the Accounts program (P0901) that the system uses. If you leave this processing option blank, the system uses the ZJDE0001 version.

Setting Up Equipment Cost Analysis Rules

Access the Equipment Cost Analysis Rules form.

Equipment Cost Analysis Rules - Equipment Cost Analysis Rules

OK Find Delete Cancel Form Tools

Analysis Type Equipment Maintenance

Records 1 - 10	Co	LT	Business Unit	Obj Acct	Sub	Cost Classification	Description
<input type="checkbox"/>	00000	AA		8482		50	Labor Costs
<input type="checkbox"/>	00000	AA		8483		50	Labor Costs
<input type="checkbox"/>	00000	AA		8486		60	Material Costs
<input type="checkbox"/>	00000	AA		8488		70	Outside Services
<input type="checkbox"/>	00000	AU		8402		91	Equipment Statistics - Miles
<input type="checkbox"/>	00000	AU		8403		92	Equipment Statistics - Fuel
<input type="checkbox"/>	00000	AU		8411		93	Equipment Statistics - Hours
<input type="checkbox"/>	00000	AU		8412		94	Equipment Statistics - Idle
<input type="checkbox"/>	00000	AU		8413		95	Equipment Statistics - Down
<input type="checkbox"/>	00000	AU		8482		55	Labor Hours

Equipment Cost Analysis Rules form

- Analysis Type** Enter the code that identifies a specific equipment cost analysis type. Equipment cost analysis types control the accounts that the system includes

in the analysis and which columns are available. Enter a value from UDC 13/CT (Equipment Cost Analysis).

Co (company)

Enter the code that identifies a specific organization, fund, or other reporting entity. The company code must already exist in the Company Constants table and must identify a reporting entity that has a complete balance sheet. At this level, you can have intercompany transactions.

Note. You can use company 00000 for default values such as dates and automatic accounting instructions. You cannot use company 00000 for transaction entries.

LT (ledger type)

Enter a value from UDC 09/LT (Ledger Types) that the system uses to specify the type of ledger, such as AA (Actual Amounts), BA (Budget Amount), or AU (Actual Units). You can set up multiple, concurrent accounting ledgers within the general ledger to establish an audit trail for all transactions.

Business Unit

Specify the entity within a business for which you want to track costs. For example, a business unit might be a warehouse location, job, project, work center, branch, or plant.

You can assign a business unit to a document, entity, or person for purposes of responsibility reporting. For example, the system provides reports of open accounts payable and accounts receivable by business unit to track equipment by responsible department.

Business unit security might prevent you from viewing information about business units for which you have no authority.

Obj Acct (object account)

Specify the object account. The object account is the portion of a general ledger account that refers to the division of the Cost Code (for example, labor, materials, and equipment) into subcategories. For example, you can divide the Cost Code for labor into regular time, premium time, and burden.

Note. If you use a flexible chart of accounts and the object account is set to six digits, it is recommended that you use all six digits. For example, entering 000456 is not the same as entering 456, because if you enter 456, the system enters three blank spaces to fill a six-digit object.

Sub (subsidiary account)

Specify the subsidiary account, which is a subset of an object account. Subsidiary accounts include detailed records of the accounting activity for an object account.

Note. If you are using a flexible chart of accounts and the object account is set to six digits, you must use all six digits. For example, entering 000456 is not the same as entering 456 because, if you enter 456, the system enters three blank spaces to fill a six-digit object.

Cost Classification

Specify how the system associates account numbers with cost buckets, such as material costs, labor costs, other costs, or special costs. Enter a value from UDC 13/CC (Cost Classification). Correct cost classification ensures that costs are rolled up into the correct cost columns within the Equipment Cost Analysis program (P13801).

CHAPTER 3

Analyzing Equipment Costs

This chapter provides an overview of equipment cost analysis and discusses how to:

- Generate equipment costs.
- Review equipment costs.

Understanding Equipment Cost Analysis

As a complement to Capital Asset Management, the PeopleSoft EnterpriseOne system provides companies with the ability to perform detailed cost analysis on the equipment that they own and maintain. Equipment cost analysis benefits companies that use a variety of equipment and need to identify current problem areas or track increasing operational costs that point to future problems. For example, you could compare the maintenance costs for a group of related equipment over a number of financial years, or compare the maintenance costs for a type of equipment operating under a number of different operating environments or across different sites.

The Equipment Cost Analysis functionality is designed to supplement existing financial inquiries by providing the tools to analyze existing equipment cost information that is based on equipment coding rather than account coding. Equipment cost analysis enables you to generate and review cost summaries for equipment and assets. Cost summaries are based on relationships that you define for the equipment. These relationships can be hierarchical, which are based on a hierarchy of equipment records; and logical, which are based on category codes that you use when setting up equipment and assets. For example, to summarize costs at the truck level, a trucking company might define a hierarchy relationship between all of the components of a vehicle. A utility company might establish category code relationships that represent different circuits to compare costs.

Equipment cost analysis enables consolidation of equipment costs into user-defined groups that are based on the parent/child equipment structure and the equipment category code structure. Revenue, depreciation, purchase, maintenance costs, and statistics can be reported directly for the equipment without a work order. Thus, the primary source of cost information are the Asset Account Balances File table and the Account Ledger table when partial period cost information by account is required. After the cost information is calculated, it is stored and available for ongoing and trend analysis.

Equipment cost analysis enables you to:

- Summarize costs that are based on the parent/child hierarchical relationship between equipment records.
- Review the total cost of maintaining an equipment assembly when, due to its size and critical role, the assembly has been broken down into components for history and cost tracking.
- Summarize costs that are based on equipment category code relationships between equipment records.
- Review the total cost of maintaining a specific type of equipment or an equipment group within a production plant, including the costs that are associated with the equipment components.

Generating Equipment Costs

This section provides an overview of equipment cost generation and describes how to:

- Generate equipment costs in batch.
- Generate equipment costs online.

Understanding Equipment Cost Generation

You can generate the costs for the equipment cost analysis both online and in a batch. Both methods support the same functionality. We recommend using batch mode if both the group and subgroup include a large equipment selection, many levels within the parent/child equipment hierarchy, or a date range that requires a long processing time.

You run the Generate Equipment Costs program to generate equipment costs for the equipment groups or subgroups that you have defined. The program generates the costs for each piece of equipment, based on the equipment cost analysis rules that indicate from which accounts it should retrieve costs. Period totals can be retrieved from the Asset Account Balances File table, whereas partial period cost information by account is available in the Account Ledger table. The equipment costs for equipment components are rolled up to the parent level if the option to include children was selected for the subgroup.

The equipment cost analysis information is stored by group, subgroup, and date range in the F1383 table. The advantage of storing this information is that you can compare the costs that are associated with similar groups of equipment from different areas of the organization and recognize trends in the cost of groups of equipment over different time periods. You can regenerate costs whenever necessary. The system stores the generation dates for reference.

If you generate the costs for an equipment group or subgroup through batch, you access the Generate Equipment Costs program (R13801B) from the Equipment Cost Analysis menu. You can use either of these methods to do this online by accessing:

- Work With Equipment Cost Analysis form.
Select Generate Cost from the Row menu.
- Equipment Cost Detail form.

If the costs for any subgroup within the equipment group that you are analyzing have not yet been generated, the system displays a warning message. You can then generate the costs.

Forms Used to Generate Equipment Costs Online

Form Name	FormID	Navigation	Usage
Asset - Work With Equipment Cost Analysis	W13801B	Equipment Cost Analysis (G13ECA), Equipment Cost Analysis - Asset	Access forms to generate costs online.
Equipment - Work With Equipment Cost Analysis	W13801B	Equipment Cost Analysis (G13ECA), Equipment Cost Analysis - Equipment	Access forms to generate costs online.
Equipment Cost Detail	W13801A	Select the asset or equipment group on the Asset - Work With Equipment Cost Analysis form or the Equipment - Work With Equipment Cost Analysis form. Select the asset or equipment group, and select Cost By Equipment from the Row menu.	Generate costs for the selected equipment group.

Generating Equipment Costs in Batch

Equipment Cost Analysis (G13ECA), select Generate Equipment Cost.

Generating Equipment Costs Online

Access the Equipment Cost Detail form.

If the costs for any subgroup within the equipment group that you are analyzing have not been generated yet, the system displays a warning message. You can then decide whether to generate the costs.

Reviewing Equipment Costs

This section provides an overview of review options for equipment cost analysis and describes how to:

- Review equipment costs by equipment or account
- Review equipment costs by work order

Understanding Review Options for Equipment Cost Analysis

After you have generated the costs for the equipment that is included in the equipment cost analysis definition, you can use the Equipment Cost Analysis program (P13801) to view the costs and analyze them. The program retrieves the cost information that is calculated and stored in the Equipment Analysis Costs table (F1383).

You can review costs by:

- Equipment
- Account

- Work order

When you review equipment costs and choose to include children, the program displays the parent/child equipment structure with rolled-up costs that are based on the parent hierarchy. The types of cost that the system displays depend on how you have set up the inquiry columns.

If you view the cost analysis by equipment, the program displays the summarized costs by equipment number, based on a particular combination of equipment group and subgroup. This approach enables you to analyze the total cost of individual pieces of equipment within a subgroup.

Note. If equipment has equipment components and you have activated the option to include children, you can also view costs for the equipment components.

If you view the cost analysis by account, the program displays the summarized costs by account number. This approach enables you to analyze the total cost of individual subgroups based on the general ledger account structure.

You can also view equipment cost detail information for specific pieces of equipment by work order. You might use this option to further investigate a piece of equipment that is incurring high costs. By viewing the work orders, you can identify those work orders that contribute the highest costs to the piece of equipment.

Based on the setup of the equipment cost analysis rule and the definition of inquiry columns, you can view different types of financial information (for example, revenue, cost, maintenance costs, and equipment statistics, such as hours, miles, and fuel consumption). You can also display budget amounts for the equipment groups and compare the budget amount with actual costs to date.

To exclude any equipment from the cost analysis, select the piece of equipment to exclude and select Exclude/Include from the Row menu.

The system issues a warning message that the exclusion requires a regeneration of the subgroup costs. If equipment has equipment components and you have activated the option to include children, excluding parent equipment also excludes its children.

Responding to the warning message regenerates the cost and the piece of equipment is marked as excluded.

Prerequisites

Before you complete the tasks in this section:

- Ensure that you have defined the cost analysis rules for this equipment cost analysis.
- Ensure that you have generated the cost for the equipment group that you want to analyze.

Forms Used to Review Equipment Costs

Form Name	FormID	Navigation	Usage
Equipment Cost Detail	W13801A	Equipment Cost Analysis (G13ECA), Equipment Cost Analysis - Asset or Equipment Cost Analysis - Equipment. Select the equipment group, and then select Cost By Equipment from the Row menu.	Review the equipment costs by equipment or by account. Access the account view by changing the Display to Cost by Account. You can also access the account view by selecting Cost by Account from the Row menu on the Work With Equipment Cost Analysis form.
Equipment Cost Detail By Work Order	W13801F	Select a piece of equipment for which you want to review work order cost information on the Equipment Cost Detail form, and then select Detail by WO from the Row menu.	Review equipment costs by work order. Access detailed cost information by selecting the work order and then Work Order Cost Detail from the Row menu.

Reviewing Equipment Costs by Equipment or Account

Access the Equipment Cost Detail form.

Reviewing Equipment Costs by Work Order

Access the Equipment Cost Detail by Work Order form.

APPENDIX A

Equipment Cost Analysis Reports

This appendix provides an overview of Equipment Cost Analysis reports and enables you to:

- View summary tables of all reports.
- View details for selected reports.

Equipment Cost Analysis Reports: A - Z

This table lists the equipment cost analysis reports, sorted alphanumerically by report ID.

Report ID and Report Name	Description	Navigation
R13801A Export Equipment Cost	Use this program to download the equipment costs that you calculated into a different software package for further analysis.	Equipment Cost Analysis (G13ECA), Export Equipment Cost

Equipment Cost Analysis Reports: Selected Reports

Some reports include a more detailed description, as well as information about processing options. These reports are listed alphanumerically by report ID in this appendix.

R13801A - Export Equipment Cost

If you want to download the equipment costs that you calculated into a different software package for further analysis, you use the Export Equipment Cost program (R13801A) to export the equipment cost detail information from the Equipment Analysis Costs table (F1383).

You can download the cost detail information by group or subgroups, and then display the information in the same way as in the Equipment Cost Analysis program (P13801) with the same types of totals. For example, Actual Total and Actual Total with Roll-up.

The text file that is generated by running the Export Equipment Cost program is saved to the export directory under the PeopleSoft EnterpriseOne installation where the batch report is run. For example, if the report is generated locally, it is saved to C:\B9\PROD\export.

Processing Options for Export Equipment Cost (R13801A)

Processing options enable you to specify the default processing for programs and reports.

Defaults

1. Equipment Cost Column 01, 2. Equipment Cost Column 02, 3. Equipment Cost Column 03, 4. Equipment Cost Column 04, 5. Equipment Cost Column 05, 6. Equipment Cost Column 06, 7. Equipment Cost Column 07, 8. Equipment Cost Column 08, 9. Equipment Cost Column 09, 10. Equipment Cost Column 10

Specify the column-name default value for columns 01 through 10. The system uses these columns to control the way that the system displays cost information. You use the Equipment Cost Analysis Inquiry Columns program (P13804) to define the column names.

Process

- 1. Display Cost** Specify how the system displays costs. If you leave this processing option blank, the system displays equipment costs. Values are:
- Blank: Equipment
 - I*: Account
- 2. Total Type** Specify the date range which the system uses for displaying costs. Values are:
- F*: From/thru date
 - I*: Inception to date
 - P*: Period to date
 - Y*: Year to date

Glossary of PeopleSoft Terms

activity	A scheduling entity in PeopleSoft EnterpriseOne Form Design Aid that represents a designated amount of time on a calendar.
activity rule	The criteria by which an object progresses from one given point to the next in a flow.
add mode	A condition of a form that enables users to input data.
Advanced Planning Agent (APAg)	A PeopleSoft EnterpriseOne tool that can be used to extract, transform, and load enterprise data. APAg supports access to data sources in the form of relational databases, flat file format, and other data or message encoding, such as XML.
application server	A server in a local area network that contains applications shared by network clients.
as if processing	A process that enables you to view currency amounts as if they were entered in a currency different from the domestic and foreign currency of the transaction.
alternate currency	<p>A currency that is different from the domestic currency (when dealing with a domestic-only transaction) or the domestic and foreign currency of a transaction.</p> <p>In PeopleSoft EnterpriseOne Financial Management, alternate currency processing enables you to enter receipts and payments in a currency other than the one in which they were issued.</p>
as of processing	A process that is run as of a specific point in time to summarize transactions up to that date. For example, you can run various PeopleSoft EnterpriseOne reports as of a specific date to determine balances and amounts of accounts, units, and so on as of that date.
back-to-back process	A process in PeopleSoft EnterpriseOne Workflow Management that contains the same keys that are used in another process.
batch processing	<p>A process of transferring records from a third-party system to PeopleSoft EnterpriseOne.</p> <p>In PeopleSoft EnterpriseOne Financial Management, batch processing enables you to transfer invoices and vouchers that are entered in a system other than EnterpriseOne to PeopleSoft EnterpriseOne Accounts Receivable and PeopleSoft EnterpriseOne Accounts Payable, respectively. In addition, you can transfer address book information, including customer and supplier records, to PeopleSoft EnterpriseOne.</p>
batch server	A server that is designated for running batch processing requests. A batch server typically does not contain a database nor does it run interactive applications.
batch-of-one immediate	<p>A transaction method that enables a client application to perform work on a client workstation, then submit the work all at once to a server application for further processing. As a batch process is running on the server, the client application can continue performing other tasks.</p> <p>See also direct connect and store-and-forward.</p>
business function	A named set of user-created, reusable business rules and logs that can be called through event rules. Business functions can run a transaction or a subset of a transaction (check inventory, issue work orders, and so on). Business functions also contain the application programming interfaces (APIs) that enable them to be called from a form, a database trigger, or a non-EnterpriseOne application. Business functions can be combined with other business functions, forms, event rules, and other components to make up an application. Business functions can be created through

	event rules or third-generation languages, such as C. Examples of business functions include Credit Check and Item Availability.
business function event rule	See named event rule (NER).
business view	A means for selecting specific columns from one or more PeopleSoft EnterpriseOne tables whose data is used in an application or report. A business view does not select specific rows, nor does it contain any actual data. It is strictly a view through which you can manipulate data.
central objects merge	A process that blends a customer's modifications to the objects in a current release with objects in a new release.
central server	A server that has been designated to contain the originally installed version of the software (central objects) for deployment to client computers. In a typical PeopleSoft EnterpriseOne installation, the software is loaded on to one machine—the central server. Then, copies of the software are pushed out or downloaded to various workstations attached to it. That way, if the software is altered or corrupted through its use on workstations, an original set of objects (central objects) is always available on the central server.
charts	Tables of information in PeopleSoft EnterpriseOne that appear on forms in the software.
connector	Component-based interoperability model that enables third-party applications and PeopleSoft EnterpriseOne to share logic and data. The PeopleSoft EnterpriseOne connector architecture includes Java and COM connectors.
contra/clearing account	A general ledger account in PeopleSoft EnterpriseOne Financial Management that is used by the system to offset (balance) journal entries. For example, you can use a contra/clearing account to balance the entries created by allocations in PeopleSoft EnterpriseOne General Accounting.
Control Table Workbench	An application that, during the installation Workbench processing, runs the batch applications for the planned merges that update the data dictionary, user-defined codes, menus, and user override tables.
control tables merge	A process that blends a customer's modifications to the control tables with the data that accompanies a new release.
cost assignment	The process in PeopleSoft EnterpriseOne Advanced Cost Accounting of tracing or allocating resources to activities or cost objects.
cost component	In PeopleSoft EnterpriseOne Manufacturing Management, an element of an item's cost (for example, material, labor, or overhead).
cross segment edit	A logic statement that establishes the relationship between configured item segments. Cross segment edits are used to prevent ordering of configurations that cannot be produced.
currency restatement	The process of converting amounts from one currency into another currency, generally for reporting purposes. You can use the currency restatement process, for example, when many currencies must be restated into a single currency for consolidated reporting.
database server	A server in a local area network that maintains a database and performs searches for client computers.
Data Source Workbench	An application that, during the Installation Workbench process, copies all data sources that are defined in the installation plan from the Data Source Master and Table and Data Source Sizing tables in the Planner data source to the System-release number data source. It also updates the Data Source Plan detail record to reflect completion.

date pattern	A calendar that represents the beginning date for the fiscal year and the ending date for each period in that year in standard and 52-period accounting.
denominated-in currency	The company currency in which financial reports are based.
deployment server	A server that is used to install, maintain, and distribute software to one or more enterprise servers and client workstations.
detail information	Information that relates to individual lines in PeopleSoft EnterpriseOne transactions (for example, voucher pay items and sales order detail lines).
direct connect	A transaction method in which a client application communicates interactively and directly with a server application. See also batch-of-one immediate and store-and-forward.
Do Not Translate (DNT)	A type of data source that must exist on the iSeries because of BLOB restrictions.
dual pricing	The process of providing prices for goods and services in two currencies.
edit code	A code that indicates how a specific value for a report or a form should appear or be formatted. The default edit codes that pertain to reporting require particular attention because they account for a substantial amount of information.
edit mode	A condition of a form that enables users to change data.
edit rule	A method used for formatting and validating user entries against a predefined rule or set of rules.
Electronic Data Interchange (EDI)	An interoperability model that enables paperless computer-to-computer exchange of business transactions between PeopleSoft EnterpriseOne and third-party systems. Companies that use EDI must have translator software to convert data from the EDI standard format to the formats of their computer systems.
embedded event rule	An event rule that is specific to a particular table or application. Examples include form-to-form calls, hiding a field based on a processing option value, and calling a business function. Contrast with the business function event rule.
Employee Work Center	A central location for sending and receiving all PeopleSoft EnterpriseOne messages (system and user generated), regardless of the originating application or user. Each user has a mailbox that contains workflow and other messages, including Active Messages.
enterprise server	A server that contains the database and the logic for PeopleSoft EnterpriseOne or PeopleSoft World.
EnterpriseOne object	A reusable piece of code that is used to build applications. Object types include tables, forms, business functions, data dictionary items, batch processes, business views, event rules, versions, data structures, and media objects.
EnterpriseOne process	A software process that enables PeopleSoft EnterpriseOne clients and servers to handle processing requests and run transactions. A client runs one process, and servers can have multiple instances of a process. PeopleSoft EnterpriseOne processes can also be dedicated to specific tasks (for example, workflow messages and data replication) to ensure that critical processes don't have to wait if the server is particularly busy.
Environment Workbench	An application that, during the Installation Workbench process, copies the environment information and Object Configuration Manager tables for each environment from the Planner data source to the System-release number data source. It also updates the Environment Plan detail record to reflect completion.
escalation monitor	A batch process that monitors pending requests or activities and restarts or forwards them to the next step or user after they have been inactive for a specified amount of time.

event rule	A logic statement that instructs the system to perform one or more operations based on an activity that can occur in a specific application, such as entering a form or exiting a field.
facility	An entity within a business for which you want to track costs. For example, a facility might be a warehouse location, job, project, work center, or branch/plant. A facility is sometimes referred to as a <i>business unit</i> .
fast path	A command prompt that enables the user to move quickly among menus and applications by using specific commands.
file server	A server that stores files to be accessed by other computers on the network. Unlike a disk server, which appears to the user as a remote disk drive, a file server is a sophisticated device that not only stores files, but also manages them and maintains order as network user request files and make changes to these files.
final mode	The report processing mode of a processing mode of a program that updates or creates data records.
FTP server	A server that responds to requests for files via file transfer protocol.
header information	Information at the beginning of a table or form. Header information is used to identify or provide control information for the group of records that follows.
interface table	See Z table.
integration server	A server that facilitates interaction between diverse operating systems and applications across internal and external networked computer systems.
integrity test	A process used to supplement a company's internal balancing procedures by locating and reporting balancing problems and data inconsistencies.
interoperability model	A method for third-party systems to connect to or access PeopleSoft EnterpriseOne.
in-your-face-error	In PeopleSoft EnterpriseOne, a form-level property which, when enabled, causes the text of application errors to appear on the form.
IServer service	Developed by PeopleSoft, this internet server service resides on the web server and is used to speed up delivery of the Java class files from the database to the client.
jargon	An alternative data dictionary item description that PeopleSoft EnterpriseOne or People World displays based on the product code of the current object.
Java application server	A component-based server that resides in the middle-tier of a server-centric architecture. This server provides middleware services for security and state maintenance, along with data access and persistence.
JDBNET	A database driver that enables heterogeneous servers to access each other's data.
JDEBASE Database Middleware	A PeopleSoft proprietary database middleware package that provides platform-independent APIs, along with client-to-server access.
JDECallObject	An API used by business functions to invoke other business functions.
jde.ini	A PeopleSoft file (or member for iSeries) that provides the runtime settings required for EnterpriseOne initialization. Specific versions of the file or member must reside on every machine running PeopleSoft EnterpriseOne. This includes workstations and servers.
JDEIPC	Communications programming tools used by server code to regulate access to the same data in multiprocess environments, communicate and coordinate between processes, and create new processes.

jde.log	The main diagnostic log file of PeopleSoft EnterpriseOne. This file is always located in the root directory on the primary drive and contains status and error messages from the startup and operation of PeopleSoft EnterpriseOne.
JDENET	PeopleSoft proprietary communications middleware package. This package is a peer-to-peer, message-based, socket-based, multiprocess communications middleware solution. It handles client-to-server and server-to-server communications for all PeopleSoft EnterpriseOne supported platforms.
Location Workbench	An application that, during the Installation Workbench process, copies all locations that are defined in the installation plan from the Location Master table in the Planner data source to the System data source.
logic server	A server in a distributed network that provides the business logic for an application program. In a typical configuration, pristine objects are replicated on to the logic server from the central server. The logic server, in conjunction with workstations, actually performs the processing required when PeopleSoft EnterpriseOne and World software runs.
MailMerge Workbench	An application that merges Microsoft Word 6.0 (or higher) word-processing documents with PeopleSoft EnterpriseOne records to automatically print business documents. You can use MailMerge Workbench to print documents, such as form letters about verification of employment.
master business function (MBF)	An interactive master file that serves as a central location for adding, changing, and updating information in a database. Master business functions pass information between data entry forms and the appropriate tables. These master functions provide a common set of functions that contain all of the necessary default and editing rules for related programs. MBFs contain logic that ensures the integrity of adding, updating, and deleting information from databases.
master table	See published table.
matching document	A document associated with an original document to complete or change a transaction. For example, in PeopleSoft EnterpriseOne Financial Management, a receipt is the matching document of an invoice, and a payment is the matching document of a voucher.
media storage object	Files that use one of the following naming conventions that are not organized into table format: Gxxx, xxxGT, or GTxxx.
message center	A central location for sending and receiving all PeopleSoft EnterpriseOne messages (system and user generated), regardless of the originating application or user.
messaging adapter	An interoperability model that enables third-party systems to connect to PeopleSoft EnterpriseOne to exchange information through the use of messaging queues.
messaging server	A server that handles messages that are sent for use by other programs using a messaging API. Messaging servers typically employ a middleware program to perform their functions.
named event rule (NER)	Encapsulated, reusable business logic created using event rules, rather than C programming. NERs are also called business function event rules. NERs can be reused in multiple places by multiple programs. This modularity lends itself to streamlining, reusability of code, and less work.
<i>nota fiscal</i>	In Brazil, a legal document that must accompany all commercial transactions for tax purposes and that must contain information required by tax regulations.
<i>nota fiscal factura</i>	In Brazil, a nota fiscal with invoice information. See also <i>nota fiscal</i> .

Object Configuration Manager (OCM)	In PeopleSoft EnterpriseOne, the object request broker and control center for the runtime environment. OCM keeps track of the runtime locations for business functions, data, and batch applications. When one of these objects is called, OCM directs access to it using defaults and overrides for a given environment and user.
Object Librarian	A repository of all versions, applications, and business functions reusable in building applications. Object Librarian provides check-out and check-in capabilities for developers, and it controls the creation, modification, and use of PeopleSoft EnterpriseOne objects. Object Librarian supports multiple environments (such as production and development) and enables objects to be easily moved from one environment to another.
Object Librarian merge	A process that blends any modifications to the Object Librarian in a previous release into the Object Librarian in a new release.
Open Data Access (ODA)	An interoperability model that enables you to use SQL statements to extract PeopleSoft EnterpriseOne data for summarization and report generation.
Output Stream Access (OSA)	An interoperability model that enables you to set up an interface for PeopleSoft EnterpriseOne to pass data to another software package, such as Microsoft Excel, for processing.
package	EnterpriseOne objects are installed to workstations in packages from the deployment server. A package can be compared to a bill of material or kit that indicates the necessary objects for that workstation and where on the deployment server the installation program can find them. It is point-in-time snap shot of the central objects on the deployment server.
package build	A software application that facilitates the deployment of software changes and new applications to existing users. Additionally, in PeopleSoft EnterpriseOne, a package build can be a compiled version of the software. When you upgrade your version of the ERP software, for example, you are said to take a package build. Consider the following context: “Also, do not transfer business functions into the production path code until you are ready to deploy, because a global build of business functions done during a package build will automatically include the new functions.” The process of creating a package build is often referred to, as it is in this example, simply as “a package build.”
package location	The directory structure location for the package and its set of replicated objects. This is usually \\deployment server\release\path_code\package\package name. The subdirectories under this path are where the replicated objects for the package are placed. This is also referred to as where the package is built or stored.
Package Workbench	An application that, during the Installation Workbench process, transfers the package information tables from the Planner data source to the System-release number data source. It also updates the Package Plan detail record to reflect completion.
PeopleSoft Database	See JDEBASE Database Middleware.
planning family	A means of grouping end items whose similarity of design and manufacture facilitates being planned in aggregate.
preference profile	The ability to define default values for specified fields for a user-defined hierarchy of items, item groups, customers, and customer groups.
print server	The interface between a printer and a network that enables network clients to connect to the printer and send their print jobs to it. A print server can be a computer, separate hardware device, or even hardware that resides inside of the printer itself.
pristine environment	A PeopleSoft EnterpriseOne environment used to test unaltered objects with PeopleSoft demonstration data or for training classes. You must have this environment so that you can compare pristine objects that you modify.

processing option	A data structure that enables users to supply parameters that regulate the running of a batch program or report. For example, you can use processing options to specify default values for certain fields, to determine how information appears or is printed, to specify date ranges, to supply runtime values that regulate program execution, and so on.
production environment	A PeopleSoft EnterpriseOne environment in which users operate EnterpriseOne software.
production-grade file server	A file server that has been quality assurance tested and commercialized and that is usually provided in conjunction with user support services.
program temporary fix (PTF)	A representation of changes to PeopleSoft software that your organization receives on magnetic tapes or disks.
project	In PeopleSoft EnterpriseOne, a virtual container for objects being developed in Object Management Workbench.
promotion path	<p>The designated path for advancing objects or projects in a workflow. The following is the normal promotion cycle (path):</p> <p>11>21>26>28>38>01</p> <p>In this path, <i>11</i> equals new project pending review, <i>21</i> equals programming, <i>26</i> equals QA test/review, <i>28</i> equals QA test/review complete, <i>38</i> equals in production, <i>01</i> equals complete. During the normal project promotion cycle, developers check objects out of and into the development path code and then promote them to the prototype path code. The objects are then moved to the productions path code before declaring them complete.</p>
proxy server	A server that acts as a barrier between a workstation and the internet so that the enterprise can ensure security, administrative control, and caching service.
published table	Also called a master table, this is the central copy to be replicated to other machines. Residing on the publisher machine, the F98DRPUB table identifies all of the published tables and their associated publishers in the enterprise.
publisher	The server that is responsible for the published table. The F98DRPUB table identifies all of the published tables and their associated publishers in the enterprise.
pull replication	One of the PeopleSoft methods for replicating data to individual workstations. Such machines are set up as pull subscribers using PeopleSoft EnterpriseOne data replication tools. The only time that pull subscribers are notified of changes, updates, and deletions is when they request such information. The request is in the form of a message that is sent, usually at startup, from the pull subscriber to the server machine that stores the F98DRPCN table.
QBE	An abbreviation for query by example. In PeopleSoft EnterpriseOne, the QBE line is the top line on a detail area that is used for filtering data.
real-time event	A service that uses system calls to capture PeopleSoft EnterpriseOne transactions as they occur and to provide notification to third-party software, end users, and other PeopleSoft systems that have requested notification when certain transactions occur.
refresh	A function used to modify PeopleSoft EnterpriseOne software, or subset of it, such as a table or business data, so that it functions at a new release or cumulative update level, such as B73.2 or B73.2.1.
replication server	A server that is responsible for replicating central objects to client machines.
quote order	In PeopleSoft EnterpriseOne Procurement and Subcontract Management, a request from a supplier for item and price information from which you can create a purchase order.

	In PeopleSoft EnterpriseOne Sales Order Management, item and price information for a customer who has not yet committed to a sales order.
selection	Found on PeopleSoft menus, a selection represents functions that you can access from a menu. To make a selection, type the associated number in the Selection field and press Enter.
Server Workbench	An application that, during the Installation Workbench process, copies the server configuration files from the Planner data source to the System-release number data source. It also updates the Server Plan detail record to reflect completion.
spot rate	An exchange rate entered at the transaction level. This rate overrides the exchange rate that is set up between two currencies.
Specification merge	A merge that comprises three merges: Object Librarian merge, Versions List merge, and Central Objects merge. The merges blend customer modifications with data that accompanies a new release.
specification	A complete description of a PeopleSoft EnterpriseOne object. Each object has its own specification, or name, which is used to build applications.
Specification Table Merge Workbench	An application that, during the Installation Workbench process, runs the batch applications that update the specification tables.
store-and-forward	The mode of processing that enables users who are disconnected from a server to enter transactions and then later connect to the server to upload those transactions.
subscriber table	Table F98DRSUB, which is stored on the publisher server with the F98DRPUB table and identifies all of the subscriber machines for each published table.
supplemental data	<p>Any type of information that is not maintained in a master file. Supplemental data is usually additional information about employees, applicants, requisitions, and jobs (such as an employee's job skills, degrees, or foreign languages spoken). You can track virtually any type of information that your organization needs.</p> <p>For example, in addition to the data in the standard master tables (the Address Book Master, Customer Master, and Supplier Master tables), you can maintain other kinds of data in separate, generic databases. These generic databases enable a standard approach to entering and maintaining supplemental data across PeopleSoft EnterpriseOne systems.</p>
table access management (TAM)	The PeopleSoft EnterpriseOne component that handles the storage and retrieval of use-defined data. TAM stores information, such as data dictionary definitions; application and report specifications; event rules; table definitions; business function input parameters and library information; and data structure definitions for running applications, reports, and business functions.
Table Conversion Workbench	An interoperability model that enables the exchange of information between PeopleSoft EnterpriseOne and third-party systems using non-PeopleSoft EnterpriseOne tables.
table conversion	An interoperability model that enables the exchange of information between PeopleSoft EnterpriseOne and third-party systems using non-PeopleSoft EnterpriseOne tables.
table event rules	Logic that is attached to database triggers that runs whenever the action specified by the trigger occurs against the table. Although PeopleSoft EnterpriseOne enables event rules to be attached to application events, this functionality is application specific. Table event rules provide embedded logic at the table level.
terminal server	A server that enables terminals, microcomputers, and other devices to connect to a network or host computer or to devices attached to that particular computer.

three-tier processing	The task of entering, reviewing and approving, and posting batches of transactions in PeopleSoft EnterpriseOne.
three-way voucher match	In PeopleSoft EnterpriseOne Procurement and Subcontract Management, the process of comparing receipt information to supplier's invoices to create vouchers. In a three-way match, you use the receipt records to create vouchers.
transaction processing (TP) monitor	A monitor that controls data transfer between local and remote terminals and the applications that originated them. TP monitors also protect data integrity in the distributed environment and may include programs that validate data and format terminal screens.
transaction set	An electronic business transaction (electronic data interchange standard document) made up of segments.
trigger	One of several events specific to data dictionary items. You can attach logic to a data dictionary item that the system processes automatically when the event occurs.
triggering event	A specific workflow event that requires special action or has defined consequences or resulting actions.
two-way voucher match	In PeopleSoft EnterpriseOne Procurement and Subcontract Management, the process of comparing purchase order detail lines to the suppliers' invoices to create vouchers. You do not record receipt information.
User Overrides merge	Adds new user override records into a customer's user override table.
variance	In Capital Asset Management, the difference between revenue generated by a piece of equipment and costs incurred by the equipment. In EnterpriseOne Project Costing and EnterpriseOne Manufacturing Management, the difference between two methods of costing the same item (for example, the difference between the frozen standard cost and the current cost is an engineering variance). Frozen standard costs come from the Cost Components table, and the current costs are calculated using the current bill of material, routing, and overhead rates.
Version List merge	The Versions List merge preserves any non-XJDE and non-ZJDE version specifications for objects that are valid in the new release, as well as their processing options data.
visual assist	Forms that can be invoked from a control via a trigger to assist the user in determining what data belongs in the control.
vocabulary override	An alternate description for a data dictionary item that appears on a specific PeopleSoft EnterpriseOne or World form or report.
wchar_t	An internal type of a wide character. It is used for writing portable programs for international markets.
web application server	A web server that enables web applications to exchange data with the back-end systems and databases used in eBusiness transactions.
web server	A server that sends information as requested by a browser, using the TCP/IP set of protocols. A web server can do more than just coordination of requests from browsers; it can do anything a normal server can do, such as house applications or data. Any computer can be turned into a web server by installing server software and connecting the machine to the internet.
Windows terminal server	A multiuser server that enables terminals and minimally configured computers to display Windows applications even if they are not capable of running Windows software themselves. All client processing is performed centrally at the Windows terminal server and only display, keystroke, and mouse commands are transmitted over the network to the client terminal device.

workbench	A program that enables users to access a group of related programs from a single entry point. Typically, the programs that you access from a workbench are used to complete a large business process. For example, you use the EnterpriseOne Payroll Cycle Workbench (P07210) to access all of the programs that the system uses to process payroll, print payments, create payroll reports, create journal entries, and update payroll history. Examples of PeopleSoft EnterpriseOne workbenches include Service Management Workbench (P90CD020), Line Scheduling Workbench (P3153), Planning Workbench (P13700), Auditor's Workbench (P09E115), and Payroll Cycle Workbench.
work day calendar	In EnterpriseOne Manufacturing Management, a calendar that is used in planning functions that consecutively lists only working days so that component and work order scheduling can be done based on the actual number of work days available. A work day calendar is sometimes referred to as planning calendar, manufacturing calendar, or shop floor calendar.
workflow	The automation of a business process, in whole or in part, during which documents, information, or tasks are passed from one participant to another for action, according to a set of procedural rules.
workgroup server	A server that usually contains subsets of data replicated from a master network server. A workgroup server does not perform application or batch processing.
XAPI events	A service that uses system calls to capture PeopleSoft EnterpriseOne transactions as they occur and then calls third-party software, end users, and other PeopleSoft systems that have requested notification when the specified transactions occur to return a response.
XML CallObject	An interoperability capability that enables you to call business functions.
XML Dispatch	An interoperability capability that provides a single point of entry for all XML documents coming into PeopleSoft EnterpriseOne for responses.
XML List	An interoperability capability that enables you to request and receive PeopleSoft EnterpriseOne database information in chunks.
XML Service	An interoperability capability that enables you to request events from one PeopleSoft EnterpriseOne system and receive a response from another PeopleSoft EnterpriseOne system.
XML Transaction	An interoperability capability that enables you to use a predefined transaction type to send information to or request information from PeopleSoft EnterpriseOne. XML transaction uses interface table functionality.
XML Transaction Service (XTS)	Transforms an XML document that is not in the PeopleSoft EnterpriseOne format into an XML document that can be processed by PeopleSoft EnterpriseOne. XTS then transforms the response back to the request originator XML format.
Z event	A service that uses interface table functionality to capture PeopleSoft EnterpriseOne transactions and provide notification to third-party software, end users, and other PeopleSoft systems that have requested to be notified when certain transactions occur.
Z table	A working table where non-PeopleSoft EnterpriseOne information can be stored and then processed into PeopleSoft EnterpriseOne. Z tables also can be used to retrieve PeopleSoft EnterpriseOne data. Z tables are also known as interface tables.
Z transaction	Third-party data that is properly formatted in interface tables for updating to the PeopleSoft EnterpriseOne database.

Index

A

- Account Balances File table (F1202) 6
- Account Ledger table (F0911) 6
- additional documentation viii
- application fundamentals vii
- Asset Master File table (F1201) 7

C

- comments, submitting xii
- common elements xiii
- contact information xii
- cost classification codes 14
- cross-references xi
- Customer Connection website viii

D

- documentation
 - printed viii
 - related viii
 - updates viii

E

- Equipment Analysis Cost table (F1383) 6, 14
- Equipment Analysis Filters table (F1381) 6, 7
- Equipment Analysis Groups table (F1380) 6
- Equipment Analysis Listing table (F1382) 6, 7
- Equipment Analysis Rules table (F1385) 14
- equipment analysis type codes 14, 15
- Equipment Cost Analysis Inquiry Columns program (P13804) 7
- Equipment Cost Analysis program (P13801)
 - processing options 8
 - usage 6, 7, 19, 21
- equipment cost analysis rules 14, 15
- Equipment Cost Analysis Rules program (P13803)
 - processing options 15
 - usage 14, 15
- equipment costs

- analyzing 17
- generating 17, 18, 19
- reviewing 19, 21

- Equipment Master Extension table (F1217) 7
- equipment search filters 7
- Export Equipment Cost report (R13801A)
 - processing options 23
 - usage 23

F

- F0911 (Account Ledger table) 6
- F1201 (Asset Master File table) 7
- F1202 (Account Balances File table) 6
- F1217 (Equipment Master Extension table) 7
- F1380 (Equipment Analysis Groups table) 6
- F1381 (Equipment Analysis Filters table) 6, 7
- F1382 (Equipment Analysis Listing table) 6, 7
- F1383 (Equipment Analysis Cost table) 6, 14
- F1385 (Equipment Analysis Rules table) 14
- F5192 (Inquiry Columns table) 7
- filters
 - assets 9
 - equipment 9

G

- groups and subgroups
 - defining 6, 9
 - overview 6

I

- inquiry columns
 - setup 12
 - understanding 7
- Inquiry Columns table (F5192) 7
- integration
 - Capital Asset Management 2
 - General Ledger 2
 - overview 2

M

MMA Partners viii

N

notes xi

P

P13801 (Equipment Cost Analysis program)

processing options 8

usage 6, 7, 19, 21

P13803 (Equipment Cost Analysis Rules program)

processing options 15

usage 14, 15

P13804 (Equipment Cost Analysis Inquiry Columns program) 7

PeopleBooks

ordering viii

PeopleCode, typographical conventions x

PeopleSoft application fundamentals vii

prerequisites vii

printed documentation viii

R

R13801A (Export Equipment Cost report)

processing options 23

usage 23

related documentation viii

reports 23

S

scope 6

setup

defining scope 5

equipment cost analysis rules 14, 15

equipment cost analysis system 5

inquiry columns 5, 12

suggestions, submitting xii

system overview 1

T

typographical conventions x

V

visual cues xi

W

warnings xi