

# PeopleSoft Enterprise Supply Chain Management Hardware and Software Requirements Supplement for PeopleSoft PeopleTools 8.48

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## Preface

This section discusses how to use online sources of information.

## Online Sources of Information

This Oracle's PeopleSoft Enterprise PeopleTools Hardware and Software Requirements book reflects what Oracle supports when the book is posted. However, our certification support levels are continually evolving. In addition, this document purposely provides a high-level view to avoid too many specifics such as version numbers that may quickly become out of date. Fortunately, there are several additional sources of information—described here—from which you can obtain up-to-date details about supported platforms, version numbers, and the like.

PeopleSoft Customer Connection is an electronic “bulletin board” and information exchange service that enables you to get up-to-the-minute information on Oracle's PeopleSoft Enterprise applications, discuss tips and techniques with other PeopleSoft Enterprise application users and PeopleSoft Enterprise staff, and receive PeopleSoft Enterprise application updates and fixes. To access Customer Connection, all you need is Internet access and a supported browser. In addition, because the delivery mechanism for PeopleSoft Enterprise application “patches” and other PeopleSoft Enterprise maintenance is an ftp server, you will need ftp capability to take advantage of these updates.

**Note.** PeopleSoft Customer Connection is password protected. Contact your Oracle Account Manager to obtain a password.

You can check the following places at the Oracle Internet Homepage ([www.oracle.com](http://www.oracle.com)) for up-to-date information:

- **PeopleSoft Enterprise Supported Platforms:**  
Here you can find up-to-the-minute information on our certified database and operating system configurations. The PeopleSoft Enterprise Supported Platforms information should serve as your definitive resource for supported products and their version numbers. To get there, go to the web site at [www.oracle.com](http://www.oracle.com). Select Oracle Services-support, then select PeopleSoft Support Resources, and select the Customer Connection link. Log in, select Implement, Optimize + Upgrade, Implementation Guide, Supported Platforms, PeopleSoft Enterprise.
- **Third-Party Patches:**  
This document contains all required third party patches. Log on to PeopleSoft Customer Connection, select Implement, Optimize + Upgrade, Implementation Guide, Supported Platforms, PeopleSoft Enterprise. Choose the appropriate links for your configuration, and select “Required Operating System, RDBMS & Third Party Patches Required for Installation.”

- **The Hardware and Software Requirements Guide:**  
To find the electronic version of this document in PDF format, log on to PeopleSoft Customer Connection, choose Site Index, the letter H, and then hardware and software requirements.
- **Release Notes:**  
These are documentation updates delivered with every PeopleSoft PeopleTools maintenance release that explain new features and changes, and summarize resolved incidents (fixes). To find the Release Notes, log on to PeopleSoft Customer Connection, choose Site Index, choose R for Release Notes, and then navigate to the appropriate release number.
- **Upgrade Information:**  
To find tools and instructions for performing upgrades from previous PeopleSoft PeopleTools versions, log on to PeopleSoft Customer Connection, choose Site Index, the letter U, and then upgrade documentation and scripts.
- **Installation Documentation:**  
For a list of installation guides and notes for your products, log on to PeopleSoft Customer Connection, choose Site Index, the letter I, and then installation guides and notes.

**Note.** Another way to get current information is to take classes. Oracle offers training classes for PeopleSoft PeopleTools and other PeopleSoft Enterprise applications at Oracle University (OU). If you are planning an installation or upgrade, OU also offers classes specific to those topics.

## Defining Support for 64-bit Processing

This section discusses special considerations for using PeopleSoft PeopleTools 8.48 on certain Unix platforms where you may have third-party integrations.

## Special Considerations

PeopleSoft PeopleTools 8.48 only supports 64-bit processing on the following Unix operating systems:

- AIX
- Solaris
- HPUX (PA RISC)
- Linux (zSeries)

Any third-party products that you integrate with and database client libraries must also be 64-bit. In particular, this affects the following:



- Taxware Sales/Use Tax and Vertex Q-Series integrations with Financials and Supply Chain Management (for AIX, Solaris and HP/UX)
- Demand Planning ForecastX integration (for Demand Planning releases 8.8x and higher)

For COBOL, you must update to the 64-bit versions of Micro Focus COBOL Server Express and recompile your COBOL.

The operating systems mentioned above have been 64-bit for many years, so this should not require any hardware upgrades. Contact your hardware vendor if you have concerns.

## Defining PeopleSoft Demand Planning and Inventory Policy Planning 8.0 and 8.4 Hardware and Software Requirements

This section discusses:

- Understanding PeopleSoft Demand Planning and Inventory Policy Planning 8.0 and 8.4
- Defining PeopleSoft Demand Planning and Inventory Policy Planning Client Requirements
- Defining PeopleSoft Demand Planning and Inventory Policy Planning Database and Database Server Requirements

## Understanding PeopleSoft Demand Planning and Inventory Policy Planning 8.0 and 8.4

Oracle's PeopleSoft Enterprise Demand Planning and Inventory Policy Planning 8.0 and 8.4 are based on technology and architecture outside of the standard PeopleSoft PeopleTools environments. They can be implemented as an embedded or standalone configuration. The embedded products are used as an integrated part of the PeopleSoft Supply Chain Management suite of products, while the standalone products can be used with a legacy, non-PeopleSoft ERP system.

**Note.** The information in this section applies to PeopleSoft 8.0 and 8.4 Demand Planning and Inventory Policy Planning only. For more information about PeopleSoft 8.8 Demand Planning and Inventory Policy Planning, refer to the section for release 8.8.

PeopleSoft Demand Planning enables manufacturers and distributors to create quality forecasts based on statistical analysis of demand history, causal factors such as events and promotions, and collaborative input from trading partners. Compare calculated and adjusted forecasts to actual sales results to improve forecasts. PeopleSoft Inventory Policy Planning is a simulation and analysis tool designed to maximize your return on investment on inventory. It can be used to strategically manage inventory policies and customer service levels throughout the supply chain. Inventory Policy Planning calculates time-phased order quantities and safety stocks, using selected inventory strategies. You can use this information to perform what-if analyses and compare current inventory policy with simulated inventory policy scenarios.

**Note.** Demand Planning and Inventory Policy Planning have the same client, server, and database requirements for both embedded and standalone configurations. The requirements listed in this document apply to application releases 8.0, 8SP1, and 8SP2. These requirements do not apply to release 8.8 and beyond.

**Note.** COBOL is not needed for PeopleSoft PeopleTools or for applications that do not contain COBOL programs. However, some applications still require COBOL. The list of applications that require COBOL is available on Platforms Supported on PeopleSoft Customer Connections. Please consult that list for application-specific COBOL requirements. If your application contains COBOL programs, you need to purchase a Micro Focus COBOL compiler for non-mainframe platforms, or an IBM Enterprise COBOL for z/OS and OS/390 compiler for z/OS platforms.

**See** "PeopleSoft Application COBOL Requirements," PeopleSoft Customer Connection (Site Index, platforms supported, PeopleSoft Enterprise, Platform Communications by Topic, Batch).

## Defining PeopleSoft Demand Planning and Inventory Policy Planning Client Requirements

The hard drive and memory requirements listed below are minimum requirements for a demo or a small pilot situation. Your PeopleSoft representative will assist in determining the space necessary for your environment.

Operating System	Hard Drive Space	Memory
Windows 95	110 MB	128 MB (256 MB recommended)
Windows 98	110 MB	128 MB (256 MB recommended)
Windows 2000	110 MB	128 MB (256 MB recommended)
Windows NT 4	110 MB	128 MB (256 MB recommended)

## Defining PeopleSoft Demand Planning and Inventory Policy Planning Database and Database Server Requirements

Microsoft Access 2000	Windows NT 4
Microsoft Access 2000	Windows 2000

Microsoft SQL Server 7	Windows NT 4
Microsoft SQL Server 7	Windows 2000
Microsoft SQL Server 2000	Windows NT 4
Microsoft SQL Server 2000	Windows 2000
Oracle 8I (8.15 & 8.17)	Windows NT 4
Oracle 8I (8.15 & 8.17)	Windows 2000

## Defining PeopleSoft 8.8 Demand Planning and Inventory Policy Planning Hardware and Software Requirements

This section discusses high-level support information for the PeopleSoft 8.8 Demand Planning and Inventory Policy Planning Hardware and Software Requirements.

## High-Level Support Information

PeopleSoft Enterprise 8.8 Demand Planning and Inventory Policy Planning are based on the standard PeopleSoft PeopleTools environments. The products are available either as a part of the Enterprise Performance Management (EPM) 8.8 database, in which case the EPM product line defines support, or as a part of the Supply Chain Management (SCM) 8.8 database, in which case the SCM product line defines support.

Listed below is a high-level list of support information:

- **Web Server**  
Demand Planning and Inventory Policy Planning 8.8 can be implemented on any PeopleSoft PeopleTools 8.4x certified web server.
- **Client Workstation**  
Demand Planning and Inventory Policy Planning 8.8 can be implemented on any PeopleSoft PeopleTools 8.4x certified client workstation.
- **File Server**  
Demand Planning and Inventory Policy Planning 8.8 can be implemented on any PeopleSoft PeopleTools 8.4x certified file server.
- **Application Server**  
Demand Planning and Inventory Policy Planning 8.8 can be implemented on any PeopleSoft PeopleTools 8.4x certified application server.
- **Batch Server**  
Demand Planning and Inventory Policy Planning 8.8 can be implemented on any PeopleSoft PeopleTools 8.4x certified batch server.
- **Database Server**  
Refer to the PeopleSoft Enterprise Performance Management Hardware and Software

Requirements for your release for supported platforms if you are using Supply Planning product delivered as part of the EPM 8.8 database. This document would detail supported platforms if you are using the Supply Planning product delivered as part of the SCM 8.8 database.

- **Business Analysis Modeler (optional)**  
BAM is optional only if you are using Supply Planning product delivered as part of the EPM 8.8 database. Refer to the "PeopleTools Business Analysis Modeler Hardware and Software Requirements" for support information.
- **Third-Party Product Versions**  
Ascential software installation is required to support Supply Chain Planning products only if you are using Supply Planning product delivered as part of the EPM 8.8 database. Refer to the chapter "Installing and Configuring Ascential" in the PeopleSoft EPM supplemental installation documentation for details. If you are using Supply Planning product delivered as part of the SCM 8.8 database, you do not need to install Ascential software for it to work in SCM.

**Note.** COBOL is not needed for PeopleSoft PeopleTools or for applications that do not contain COBOL programs. However, some applications still require COBOL. The list of applications that require COBOL is available on Platforms Supported on PeopleSoft Customer Connections. Please consult that list for application-specific COBOL requirements. If your application contains COBOL programs, you need to purchase a Micro Focus COBOL compiler for non-mainframe platforms, or an IBM Enterprise COBOL for z/OS and OS/390 compiler for z/OS platforms.

**See** "PeopleSoft Application COBOL Requirements," PeopleSoft Customer Connection (Site Index, platforms supported, PeopleSoft Enterprise, Platform Communications by Topic, Batch).

## **Defining PeopleSoft 8.0 and 8.4 Production Planning, Enterprise Planning, and Order Promising Hardware and Software Requirements**

This section includes:

- Understanding PeopleSoft 8.0 and 8.4 Production Planning, Enterprise Planning, and Order Promising
- Defining Supply Chain Planning Client Requirements
- Defining Supply Chain Planning Server Requirements

## Understanding PeopleSoft 8.0 and 8.4 Production Planning, Enterprise Planning, and Order Promising

Oracle's PeopleSoft Enterprise Production Planning, Enterprise Planning, and Order Promising are collectively known as the PeopleSoft Supply Chain Planning applications. They're based on PeopleSoft Red Pepper planning technology, and can be implemented in an embedded or standalone configuration. The embedded products are used as an integrated part of a suite of PeopleSoft Manufacturing and PeopleSoft Distribution applications, while the standalone products can be used with a legacy, non-PeopleSoft ERP system.

**Note.** The information in this section applies to PeopleSoft 8.0 and 8.4 Supply Chain Planning applications only. For more information about PeopleSoft 8.8 Supply Chain Planning, refer to the section for release 8.8.

PeopleSoft Enterprise Planning offers an advanced planning and scheduling system that uses web-based access to provide simultaneous responsiveness, optimization of enterprise-wide procurement, distribution, and production resources. Designed for global manufacturing and distribution enterprises, PeopleSoft Enterprise Planning is a planning system that provides enterprises responsiveness to their customers and decision support for their planners.

PeopleSoft Production Planning offers an advanced planning system that uses web-based access to enable simultaneous optimization of plant-level procurement and production. Using a powerful planning engine, the application simultaneously solves material, capacity, inventory targets, and customer request and promise dates to produce supply chain schedules.

PeopleSoft Order Promising is a memory-resident tool that, unlike conventional available-to-promise tools, assesses your entire supply chain to determine the best way of providing finished products to supply your customers, quickly and easily. When searching for the solution, PeopleSoft Order Promising considers product cost, customer request dates, and distribution costs.

**Note.** PeopleSoft Supply Chain Planning applications for releases 8.0, 8 SP1, and 8.4 have the same client and server requirements, for both embedded and standalone configurations.

**Note.** COBOL is not needed for PeopleSoft PeopleTools or for applications that do not contain COBOL programs. However, some applications still require COBOL. The list of applications that require COBOL is available on Platforms Supported on PeopleSoft Customer Connections. Please consult that list for application-specific COBOL requirements. If your application contains COBOL programs, you need to purchase a Micro Focus COBOL compiler for non-mainframe platforms, or an IBM Enterprise COBOL for z/OS and OS/390 compiler for z/OS platforms.

**See** "PeopleSoft Application COBOL Requirements," PeopleSoft Customer Connection (Site Index, platforms supported, PeopleSoft Enterprise, Platform Communications by Topic, Batch).

## Defining Supply Chain Planning Client Requirements

The hard drive and memory requirements listed below are minimum requirements for a demo or small pilot situation. Your PeopleSoft representative will assist in determining the space necessary for your environment.

Operating System	Hard Drive Space	Memory
Windows 95	40 MB per language installed	32 MB (64 MB recommended)
Windows 98	40 MB per language installed	32 MB (64 MB recommended)
Windows NT 4	40 MB per language installed	64 MB
Windows 2000	40 MB per language installed	64 MB

## Defining Supply Chain Planning Server Requirements

For your server you'll need:

- 4 GB hard drive space (this includes allocation for operating system software, database software, and data storage requirements).
- Windows NT or 2000: 128 MB RAM.
- UNIX: 512 MB RAM

Operating System	Version
Windows NT	4.0
Windows NT/E	4.0
Windows 2000	NA
IBM AIX	4.3
HP-UX PA Risc 32-bit	11
HP-UX PA Risc 64-bit	11
Tru64	5.1
Sun Solaris	7
Sun Solaris	8

## Defining PeopleSoft Supply Planning 8.8 Hardware and Software Requirements

This section discusses high-level support information for the PeopleSoft Supply Planning 8.8 Hardware and Software Requirements.

### High-Level Support Information

PeopleSoft 8.8 Supply Planning is based on the standard PeopleSoft PeopleTools environments. It's available either as a part of the Enterprise Performance Management (EPM) database, in which case the EPM product line defines support, or as a part of the Supply Chain Management (SCM) 8.8 database, in which case the SCM product line defines support.

PeopleSoft 8.8 Supply Planning runs entirely in the PeopleSoft Pure Internet Architecture. The supported platform will be the same as that for the PeopleSoft PeopleTools 8.4x and EPM or SCM product lines, depending on whether you are using the Supply Planning product delivered as part of the EPM database or SCM database. PeopleSoft 8.8 Supply Planning utilizes PeopleSoft Optimization framework. Depending on the amount of data processed, you may need a standalone computer to house the application server domain and computation needs.

Listed below is a "high-level" list of support information:

- **Web Server**  
Supply Planning 8.8 can be implemented on any PeopleSoft PeopleTools 8.4x certified web server.
- **Client Workstation**  
Supply Planning 8.8 can be implemented on any PeopleSoft PeopleTools 8.4x certified client workstation.
- **File Server**  
Supply Planning 8.8 can be implemented on any PeopleSoft PeopleTools 8.4x certified file server.
- **Application Server**  
Supply Planning 8.8 can be implemented on any PeopleSoft PeopleTools 8.4x certified application server.
- **Batch Server**  
Supply Planning 8.8 can be implemented on any PeopleSoft PeopleTools 8.4x certified batch server.
- **Database Server**  
Refer to the Enterprise Performance Management Hardware and Software Requirements supplement for your release for supported platforms, if you are using Supply Planning product delivered as part of the EPM 8.8 database.

This document would detail supported platforms if you are using the Supply Planning product delivered as part of the SCM 8.8 database.

- **Third-Party Product Versions**  
Ascential software installation is required to support Supply Chain Planning products, only if you are using Supply Planning product delivered as part of the EPM 8.8 database. Refer to the chapter "Installing and Configuring Ascential" in the PeopleSoft EPM installation documentation for details. If you are using Supply Planning product delivered as part of the SCM 8.8 database, you do not need to install Ascential software for it to work in SCM.

**Note.** COBOL is not needed for PeopleSoft PeopleTools or for applications that do not contain COBOL programs. However, some applications still require COBOL. The list of applications that require COBOL is available on Platforms Supported on PeopleSoft Customer Connections. Please consult that list for application-specific COBOL requirements. If your application contains COBOL programs, you need to purchase a Micro Focus COBOL compiler for non-mainframe platforms, or an IBM Enterprise COBOL for z/OS and OS/390 compiler for z/OS platforms.

**See** "PeopleSoft Application COBOL Requirements," PeopleSoft Customer Connection (Site Index, platforms supported, PeopleSoft Enterprise, Platform Communications by Topic, Batch).

## Defining PeopleSoft Engineering Hardware and Software Requirements

This section discusses:

- Prerequisites
- Configuring Your Document Management System

## Prerequisites

Prior to using PeopleSoft Engineering with Documentum, you'll need to:

- Verify that Documentum is installed and that specific Documentum library files (DLLs) are installed on the application servers.
- Define the Document Management options, using the Define General Options menu.

Before you use PeopleSoft Documentum integration for the first time, make sure that:

- The Documentum Enterprise Document Management System (EDMS) is installed and accessible via Documentum client applications (namely, RightSite).



- The following DLL files exist in your %PS\_HOME%\bin\server\winx86 directory on your application servers, which need to support Documentum:
  - DMCL40.DLL (Documentum API Library).
  - DMCLVB40.DLL (Documentum Visual Basic API).
- The Documentum initialization file (DMCL.INI) is present in the WINNT directory (Windows environment) on your application servers, which need to support Documentum.

**Note.** The Documentation files (DMCL40.DLL, DMCLVB40.DLL, and DMCL.INI) are delivered with the Documentum application. You can access and copy these files to the appropriate directories after installing Documentum products.

## Configuring Your Document Management System

The Documentum Server (document database) must first be installed and accessible from the PeopleSoft NT Server (UNIX is not supported). When accessing Documentum functions via a PeopleSoft Documentum-enabled internet page, the application server accessed using the PeopleSoft page must contain the appropriate Documentum runtime libraries and access to the Documentum Server. If you have any questions regarding the compatibility of your Documentum system with PeopleSoft Engineering, please contact your account manager.

### Defining PeopleSoft Inventory Hardware and Software Requirements

This section discusses special considerations for the PeopleSoft Inventory Hardware and Software requirements.

## Special Considerations

You must select Postscript or HP-compatible printers to print bar codes.

### Defining PeopleSoft Quality Operating System Requirements

This section discusses special considerations for the PeopleSoft Quality Operating System requirements.

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## Special Considerations

The PeopleSoft Quality Application Client is compatible with Windows NT 4.0, Windows 2000, or Windows 98. Please note that installation of this module is optional for release 8.8x and later.

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### Defining PeopleSoft Supplier Contract Management Requirements

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This section discusses special considerations for the PeopleSoft Supplier Contract Management requirements.

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## Special Considerations

The PeopleSoft Supplier Contract Management system uses Microsoft WordML, XML, as well as custom XML tags extensively, and requires any client machines wishing to access and edit Word documents to have Microsoft Word 2003 Professional edition installed. The standard edition of Microsoft Word 2003 is not sufficient for the editing of Supplier Contract Management documents since that version does not ensure that custom XML tags are maintained as documents and are stored properly.

In addition, the following Supplier Contract Management hardware and software considerations apply:

- **Document Comparisons and Rendering**  
This optional feature requires you to set up a Windows 2003 application server with Word 2003 Professional installed. This process ensures that the server side generation of compare files and Microsoft Word documents is in the correct document format during the dispatch to suppliers.

**See** PeopleSoft Enterprise Supplier Contract Management 8.9 PeopleBook or PeopleSoft Enterprise Supplier Contract Management 9.0 PeopleBook, "Setting Up PeopleSoft Supplier Contract Management," Defining Installation Options for PeopleSoft Supplier Contract Management.

- **FTP Servers and Directories**  
An FTP file server must be set up to store all clauses and versions of contract documents. The disk space you need depends on how large your clause library will be, as well as the size and volume of authored documents.
- **Multi-Byte database consideration**  
There are certain multi-byte characters in Microsoft Word which cannot be supported when integrating with a non-multi-byte PeopleSoft database for clause content in the library. When a clause is checked into the system that contains these characters, the system will attempt to translate known characters into a simpler form when possible. While Supplier Contract Management does support non-multi-byte database

configurations, there are a few exception characters which are better supported in a multi-byte configuration.

**See** PeopleSoft Enterprise Supplier Contract Management 8.9 PeopleBook or PeopleSoft Enterprise Supplier Contract Management 9.0 PeopleBook, "Microsoft Word Integration with Supplier Contract Management."

**Note.** These exceptions apply to the clause library content that is stored in the database, and not final authored documents themselves, which are stored on an FTP file server.