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# PeopleSoft Financials/Supply Chain Management 9.2 (through Update Image 26) Hardware and Software Requirements

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**December 2017**

**ORACLE®**

PeopleSoft Financials/Supply Chain Management 9.2 (through Update Image 26)

Hardware and Software Requirements

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# About this Documentation

This preface discusses:

- Understanding This Documentation
- Related Information
- Audience
- Typographical Conventions
- Comments and Suggestions

## Understanding This Documentation

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This documentation is designed to inform you about the minimum technical requirements for the installation of your PeopleSoft application. It lists and describes the hardware requirements, software requirements, database requirements, and any other requirements that are specific to the installation of the application.

In addition, this document purposely provides a high-level view without specifics such as version numbers that may quickly become out-of-date. There are several additional resources described in this hardware software requirements guide from which you can obtain the latest information, such as details about supported platforms and version numbers.

This guide contains the hardware and software requirements for the PeopleSoft application that you are installing. To carry out the installation, you also need the PeopleSoft PeopleTools hardware and software requirements. You can access the PeopleSoft PeopleTools hardware and software requirements for your new release from the Certifications tab on My Oracle Support.

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**Note.** This documentation is a supplement to the PeopleSoft PeopleTools hardware and software requirements. It discusses the additional requirements specific to this PeopleSoft application. Use this guide along with your PeopleSoft PeopleTools and licensed PeopleSoft application installation guides. You can access all PeopleSoft application and hardware and software guides on My Oracle Support.

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## Related Information

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Oracle provides reference information about PeopleSoft PeopleTools and your particular PeopleSoft application.:

The following resources are available on My Oracle Support:

- **Certifications:** On the Certifications tab you can find the latest information on our certified database and operating system configurations. Information about PeopleSoft supported platforms serve as a definitive resource for supported products and their version numbers. Go to My Oracle Support, select the Certifications tab, and search for the certification information for your product, release, and platform.
- **Release Notes:** These documentation updates delivered with every PeopleSoft PeopleTools application release explain new features and changes and summarize resolved incidents.
- **Upgrade Information:** To find tools and instructions for performing upgrades from previous PeopleTools versions, go to My Oracle Support, search for upgrade documentation, and then choose the PeopleSoft PeopleTools upgrade documentation for the appropriate release. To find tools and instructions for performing upgrades from previous PeopleSoft application releases, go to My Oracle Support and search for upgrade

documentation. Choose the product family, such as Human Capital Management or Portal Solutions, and select the appropriate release.

- **Installation Documentation:** For a list of installation guides and notes for your products, go to My Oracle Support and search for installation documentation.
- **Oracle Software and Documentation:** You can download Oracle software products and documentation from the following web sites:
  - Oracle Software Delivery Cloud: <http://edelivery.oracle.com>
  - Oracle Technology Network (OTN): <http://www.oracle.com/technology/index.html>

## Audience

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This documentation is written for the individuals responsible for installing and administering the PeopleSoft environment. This documentation assumes that you have a basic understanding of the PeopleSoft system. One of the most important components in the installation and maintenance of your PeopleSoft system is your on-site expertise.

You should be familiar with your operating environment and RDBMS and have the necessary skills to support that environment. You should also have a working knowledge of:

- SQL and SQL command syntax.
- PeopleSoft system navigation.
- PeopleSoft windows, menus, and pages, and how to modify them.
- Microsoft Windows.

Oracle recommends that you complete training, particularly the PeopleSoft Server Administration and Installation course, before performing an installation.

See Oracle University, <http://education.oracle.com>.

## Typographical Conventions

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To help you locate and understand information easily, the conventions described in the following table are used in this documentation:

Convention	Description
Monospace	Indicates a PeopleSoft PeopleCode program or other code, such as scripts that you run during the install. Monospace is also used for messages that you may receive during the install process.
<i>Italics</i>	Indicates field values, emphasis, and book-length publication titles. Italics is also used to refer to words as words or letters as letters, as in the following example:  Enter the letter <i>O</i> .
Initial Caps	Field names, commands, and processes are represented as they appear on the window, menu, or page.

Convention	Description
lower case	File or directory names are represented in lower case, unless they appear otherwise on the interface.
Menu, Page	A comma (,) between menu and page references indicates that the page exists on the menu. For example, "Select Use, Process Definitions" indicates that you can select the Process Definitions page from the Use menu.
Cross-references	<p>Cross-references that begin with <i>See</i> refer you to additional documentation that will help you implement the task at hand. Oracle highly recommends that you reference this documentation.</p> <p>Cross-references under the heading <i>See Also</i> refer you to additional documentation that has more information regarding the subject.</p>
" " (quotation marks)	Indicate chapter titles in cross-references and words that are used differently from their intended meaning.
⇒ (line-continuation arrow)	A line-continuation arrow inserted at the end of a line of code indicates that the line of code has been wrapped at the page margin. The code should be viewed or entered as a continuous line of code, without the line-continuation arrow.
<b>Note.</b> Note text.	Text that begins with <i>Note.</i> indicates information that you should pay particular attention to as you work with your PeopleSoft system.
<b>Important!</b> Important note text.	A note that begins with <i>Important!</i> is crucial and includes information about what you need to do for the system to function properly.
<b>Warning!</b> Warning text.	A note that begins with <i>Warning!</i> contains critical configuration information or implementation considerations; for example, if there is a chance of losing or corrupting data. Pay close attention to warning messages.

## Comments and Suggestions

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Your comments are important to us. We encourage you to tell us what you like, or what you would like changed about our documentation, and other Oracle reference and training materials.

Please send your suggestions to: [PSOFT-Infodev\\_US@oracle.com](mailto:PSOFT-Infodev_US@oracle.com)

While we cannot guarantee to answer every email message, we pay careful attention to your comments and suggestions. We are always improving our product communications for you.





# Defining PeopleSoft Financials/Supply Chain Management 9.2 Hardware and Software Requirements

This chapter discusses:

- Defining Support for 64-Bit Processing
- Understanding Taxware and Vertex Integrations
- Defining Application-Specific Requirements for PeopleSoft Financial Management, ESA, and ALM Applications
- Defining Cross-Application Requirements for PeopleSoft Financial Management, PeopleSoft ESA, and PeopleSoft ALM Applications
- Defining PeopleSoft Demantra Hardware and Software Requirements
- Defining PeopleSoft Supply Planning 9.2 Hardware and Software Requirements
- Defining PeopleSoft Inventory Hardware and Software Requirements
- Defining PeopleSoft Mobile Inventory Management 9.2 Hardware and Software Requirements
- Defining PeopleSoft Supplier Contract Management Hardware and Software Requirements
- Defining PeopleSoft In-Memory Project Discovery Hardware and Software Requirements
- Defining PeopleSoft Global and Component Keyword Search

## **Task 1-1: Defining Support for 64-Bit Processing**

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PeopleSoft PeopleTools 8.55 or higher supports 64-bit processing on most operating system platforms. You can find a list of the certified platforms for PeopleSoft PeopleTools from the Certifications tab of My Oracle Support. If you are running your PeopleSoft installation on a 64-bit platform, any additional non-PeopleSoft products that you integrate with must also be 64-bit compatible.

For COBOL, you must update to the 64-bit version of COBOL Server Express and recompile your COBOL programs.

## **Task 1-2: Understanding Taxware and Vertex Integrations**

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Taxware Sales/Use Tax and Vertex Q series require platform and PeopleTools specific plug-ins provided by the tax vendor. Please contact your tax vendor (Taxware or Vertex) for the latest available information.

Taxware Enterprise and Vertex O Series software and installation guides are provided by the tax vendor. Please contact your tax vendor (Taxware or Vertex) for the latest version available.

## **Task 1-3: Defining Application-Specific Requirements for PeopleSoft Financial Management, ESA, and ALM Applications**

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This section discusses:

- Defining PeopleSoft Asset Management Requirements
- Defining PeopleSoft IT Asset Management Requirements
- Defining PeopleSoft Maintenance Management Requirements
- Defining PeopleSoft Project Costing and Program Management Requirements for Microsoft Project Integration
- Defining PeopleSoft Resource Management Requirements

### **Task 1-3-1: Defining PeopleSoft Asset Management Requirements**

PeopleSoft Asset Management has the flexibility to integrate with any bar coding hardware. You need the following hardware to use the Physical Inventory feature:

- Portable bar code reader
- Bar code scanning wand
- Thermal transfer label printer

See the product documentation for PeopleSoft FSCM: PeopleSoft Asset Management for more information on software options that support this feature.

You can find installation guides for all supported PeopleSoft Financials, ESA, and Supply Chain Management release levels on My Oracle Support.

### **Task 1-3-2: Defining PeopleSoft IT Asset Management Requirements**

PeopleSoft IT Asset Management integrates with additional component (third-party) vendors for IT asset inventory. You can use PeopleSoft IT Asset Management with any network inventory discovery application.

See the product documentation for PeopleSoft FSCM: PeopleSoft IT Asset Management for more information about software options that support the feature.

### **Task 1-3-3: Defining PeopleSoft Maintenance Management Requirements**

For PeopleSoft Maintenance Management, to enable the bar code option when you print a work order, you must install the appropriate bar code font, Code 39 True Type font, on the process scheduler.

To integrate Microsoft Project with PeopleSoft Maintenance Management, you must install Microsoft Project 2007 or higher on a Microsoft Windows-based process scheduler server and update the Microsoft Project Integration Application Engine (WM\_MSP) process definition to use this process scheduler server.

## **Task 1-3-4: Defining PeopleSoft Project Costing and Program Management Requirements for Microsoft Project Integration**

For PeopleSoft Project Costing and Program Management requirements for integration with Microsoft Project, consult the Microsoft documentation for hardware and software requirements for Microsoft Project 2007, 2010, or 2013.

In addition, you must install PeopleSoft PeopleTools External APIs that require minimal disk space. The integration is not memory-intensive.

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**Note.** The supported browser for integrating PeopleSoft Project Costing with Microsoft Project is Internet Explorer (IE).

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## **Task 1-3-5: Defining PeopleSoft Resource Management Requirements**

The PeopleSoft Resource Management application supports the use of PeopleSoft Optimization Framework.

The following requirements for integration with PeopleSoft Optimization Framework are per solution set:

- PeopleSoft Optimization Framework must run on a separate dedicated server.
- 2 GB of memory.
- One CPU at a minimum of 1.2 GHz.

See the product documentation for PeopleSoft FSCM: PeopleSoft Resource Management for more information on enabling resource optimization.

See the product documentation for PeopleTools: PeopleSoft Optimization Framework.

## **Task 1-4: Defining Cross-Application Requirements for PeopleSoft Financial Management, PeopleSoft ESA, and PeopleSoft ALM Applications**

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This section discusses:

- Defining COBOL Requirements
- Defining FTP Server Requirements

### **Task 1-4-1: Defining COBOL Requirements**

COBOL is not necessary 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 My Oracle Support. Consult that list for application-specific COBOL requirements. If your application contains COBOL programs, you must purchase a supported COBOL compiler.

See PeopleSoft Frequently Asked Questions About PeopleSoft and the COBOL Compiler, My Oracle Support, Document 747059.1.

See PeopleSoft Frequently Asked Questions About PeopleSoft and the IBM COBOL Compiler, My Oracle Support, Document 1211907.1.

## Task 1-4-2: Defining FTP Server Requirements

Some PeopleSoft applications use an FTP server to store document attachments. You must establish an FTP server with adequate disk storage to store your documents and use the URL Maintenance page to specify the path to the appropriate FTP and SFTP server.

See *PeopleTools: System and Server Administration*.

See the product documentation for File Attachments in the PeopleSoft FSCM: Application Fundamentals.

## Task 1-5: Defining PeopleSoft Demantra Hardware and Software Requirements

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This section discusses:

- Understanding the PeopleSoft Demantra Integrations
- Reviewing High-Level Hardware and Software Requirements for PeopleSoft Demantra

### Understanding the PeopleSoft Demantra Integrations

The following table describes the requirements for the integration of PeopleSoft Demantra with Oracle products.

Integration	Compatible Foundation Pack	Supported Oracle Products	Supported PeopleSoft Products
Oracle Value Chain Planning Integration Base Pack	Oracle Application Integration Architecture 11.4	Oracle Demantra 12.2	PeopleSoft Demantra 9.2

See [http://docs.oracle.com/cd/E38316\\_01/index.htm](http://docs.oracle.com/cd/E38316_01/index.htm) for more information on the integration of PeopleSoft Demantra with Oracle products.

### Task 1-5-1: Reviewing High-Level Hardware and Software Requirements for PeopleSoft Demantra

PeopleSoft Demantra is based on the standard PeopleSoft PeopleTools environments. You can implement PeopleSoft Demantra on any PeopleSoft PeopleTools 8.55 or later version releases.

PeopleSoft Demantra can be integrated with Value Chain Planning (VCP) 12.2.1 release, Application Integration Architecture (AIA) PIP 11.4 and Demantra 12.2.

The following list provides high-level support information:

- **Web Server:** PeopleSoft Demantra can be implemented on any PeopleSoft PeopleTools 8.55 certified web server.
- **Client Workstation:** PeopleSoft Demantra can be implemented on any PeopleSoft PeopleTools 8.55 certified client workstation.
- **File Server:** PeopleSoft Demantra can be implemented on any PeopleSoft PeopleTools 8.55 certified file server.
- **Application Server:** PeopleSoft Demantra can be implemented on any PeopleSoft PeopleTools 8.55 certified application server.

- **Batch Server:** PeopleSoft Demantra can be implemented on any PeopleSoft PeopleTools 8.55 certified batch server.
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**Note.** PeopleSoft PeopleTools does not require COBOL, nor do applications that do not contain COBOL programs. However, some applications still require COBOL. The list of applications that require COBOL is available on My Oracle Support. Consult the list for application-specific COBOL requirements. If your application contains COBOL programs, you must purchase a supported COBOL compiler.

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See PeopleSoft Frequently Asked Questions About PeopleSoft and the COBOL Compiler, My Oracle Support, Document 747059.1.

See PeopleSoft Frequently Asked Questions About PeopleSoft and the IBM COBOL Compiler, My Oracle Support, Document 1211907.1.

## **Task 1-6: Defining PeopleSoft Supply Planning 9.2 Hardware and Software Requirements**

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PeopleSoft Supply Planning 9.2 is based on the standard PeopleSoft PeopleTools environments. PeopleSoft Supply Planning 9.2 can be implemented on any PeopleSoft PeopleTools 8.55 release.

The following list provides high-level support information:

- **Web Server:** PeopleSoft Supply Planning 9.2 can be implemented on any PeopleSoft PeopleTools 8.55 certified web server.
  - **Client Workstation:** PeopleSoft Supply Planning 9.2 can be implemented on any PeopleSoft PeopleTools 8.55 certified client workstation.
  - **File Server:** PeopleSoft Supply Planning 9.2 can be implemented on any PeopleSoft PeopleTools 8.55 certified file server.
  - **Application Server:** PeopleSoft Supply Planning 9.2 can be implemented on any PeopleSoft PeopleTools 8.55 certified application server.
  - **Batch Server:** PeopleSoft Supply Planning 9.2 can be implemented on any PeopleSoft PeopleTools 8.55 certified batch server.
- 

**Note.** COBOL is not required 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 My Oracle Support. Please consult that list for application-specific COBOL requirements. If your application contains COBOL programs, you must purchase a supported COBOL compiler.

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See PeopleSoft Frequently Asked Questions About PeopleSoft and the COBOL Compiler, My Oracle Support, Document 747059.1.

See PeopleSoft Frequently Asked Questions About PeopleSoft and the IBM COBOL Compiler, My Oracle Support, Document 1211907.1.

## **Task 1-7: Defining PeopleSoft Inventory Hardware and Software Requirements**

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For PeopleSoft Inventory, you must select Postscript or HP-compatible printers to print bar codes.

## **Task 1-8: Defining PeopleSoft Mobile Inventory Management 9.2 Hardware and Software Requirements**

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This section discusses:

- Defining PeopleSoft Mobile Inventory Management Software Requirements
- Defining PeopleSoft Mobile Inventory Management Operating Systems and Browsers
- Defining PeopleSoft Mobile Inventory Management Devices

### **Task 1-8-1: Defining PeopleSoft Mobile Inventory Management Software Requirements**

The PeopleSoft Mobile Inventory Management product enables the mobile user to perform their work wherever the work is being done.

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**Note.** From this release, Mobile Inventory transactions coexist in both Oracle Application Developer Framework (ADF) and PeopleSoft Fluid User Interface Architecture.

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The Oracle WebLogic Server is required if you are using Oracle ADF.

No additional software is required if you are using PeopleSoft Fluid User Interface Architecture.

To know the browser versions that support Fluid for your release, review the Browser Compatibility Guides available in MOS (Doc ID: 704492.1).

See the PeopleSoft Financials/Supply Chain Management installation guide for more information and prerequisite details for installing PeopleSoft Mobile Inventory Management.

### **Task 1-8-2: Defining PeopleSoft Mobile Inventory Management Operating Systems and Browsers**

The Oracle Application Developer Framework supports most consumer mobile browsers.

Oracle tested the PeopleSoft Mobile Inventory Management product, for the ADF platform, using the following browsers and operating systems in combination with the devices listed in the subsequent section "Defining PeopleSoft Mobile Inventory Management Devices":

- Microsoft Windows Mobile 6.1 Classic, running on the windows mobile CE OS5.2.20963  
Processor: PXA32X-806MHz
- Microsoft Windows Mobile 6.1 Professional, running on the windows mobile CE OS 5.2.20963  
Processor: PXA32X-806MHz
- Microsoft Windows Mobile 6.1 Professional, running on the windows mobile CE OS 5.2.20758  
Processor: PXA270-520MHz
- Windows Embedded Handheld 6.5 Classic, running on the windows mobile CE OS 5.2.29040.5.3.12  
Processor: PXA32X-806MHz
- Microsoft Windows Mobile 6.5 Classic, running on the windows mobile CE OS 5.2.21915  
Processor: ARMv5TE PXA320

- Microsoft Windows Embedded Handheld 6.5 Classic, running on the windows mobile CE OS 5.2.29049  
Processor: TI Cortex-A8 800MHz
- Google Android version 4.0  
Processor: 1GHz single core TI OMAP  
Display: 4.3" WVGA (480\*800)

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**Important!** Newer versions of these handheld devices, browsers, and operating systems could result in additional configuration requirements that you will need to meet.

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### Task 1-8-3: Defining PeopleSoft Mobile Inventory Management Devices

Oracle tested the PeopleSoft Mobile Inventory Management product, for the ADF platform, using certain devices in combination with the browsers and operating systems listed in the previous task "Defining PeopleSoft Mobile Inventory Management Operating Systems and Browsers."

The following is the list of devices:

- Motorola MC9500
- Motorola MC55
- Motorola MC75A
- Motorola MC9190-GMS
- Honeywell Dolphin 7800
- Honeywell LXE MX7 Tecton
- Honeywell Dolphin 70e

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**Important!** Newer versions of these handheld devices, browsers, and operating systems could result in additional configuration requirements that you will need to meet.

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For more information on device setup, configuration, and implementation details, refer to the product documentation for *PeopleSoft FSCM: PeopleSoft Mobile Inventory Management*.

For Fluid version, Oracle tested the PeopleSoft Mobile Inventory Management product with these devices, and came up with the following specifications:

Device	Display Size	Display Resolution
Motorola TC55 / MC40 Honeywell 70e / 75e Intermec CN51	4.0 to 4.3 inch	800 x 480
Motorola TC70	4.7 inch	1280 x 720 or 1280 x 800
Motorola ET1	7 inch	1024 x 600

## Task 1-9: Defining PeopleSoft Supplier Contract Management Hardware and Software Requirements

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The PeopleSoft Supplier Contract Management system uses Microsoft Word content. It is controlled extensively in XML format and requires any client machines that access and edit Word documents to have Microsoft Word 2007 or higher installed.

The following PeopleSoft Supplier Contract Management hardware and software considerations apply:

- Document Comparisons and Rendering

This optional feature requires you to set up a Microsoft Windows application server and install Microsoft Word 2007 or higher. 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.

- Digital Signatures and Rendering PDF

With the optional digital signature feature, contract specialists can prepare supplier contract documents for signatures using an application server and Microsoft Word 2007 or higher version installed on a Microsoft Windows machine.

For Adobe signatures, Adobe Acrobat Professional 8.0, or higher version, is required on client machines where contract specialists will need to extend signature rights to Adobe Reader users before they can sign.

See the product documentation for PeopleSoft FSCM: PeopleSoft Supplier Contract Management.

Adobe Acrobat Professional 8.0 or higher version is still required on client machines where contract administrators will need to extend signatures rights to Adobe Reader users.

It is also possible to use Microsoft Word instead of Adobe PDF to create a *.docx* signature file. This option also requires Word 2007 or higher version on the Microsoft Windows application server.

- SFTP Servers and Directories

Unless you store attachments directly within the database, an SFTP 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.

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**Note.** SFTP servers must be designated in the set up for FSCM File Attachment Architecture as URL servers.

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See the product documentation for PeopleSoft FSCM: Application Fundamentals for more information on FSCM File Attachment Architecture.

- Multi-Byte database consideration

There are certain multi-byte characters in Microsoft Word that a non-multi-byte PeopleSoft database integration cannot support for clause content in the library. When a clause is checked into the system that contains these characters, the system attempts to translate known characters into a simpler form, when possible. While PeopleSoft Supplier Contract Management does support non-multi-byte database configurations, there are a few exception characters that are better supported in a multi-byte configuration.

See the product documentation for PeopleSoft FSCM: PeopleSoft Supplier Contract Management for more information on Microsoft Word integration with PeopleSoft Supplier Contract Management.

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**Note.** These exceptions apply to the clause library content that the system stores in the database, not the final authored documents themselves.

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- Third party electronic signature using Adobe Sign or DocuSign

With this optional feature, you must obtain a license from the third party to use the electronic signature



provider.

See the product documentation for PeopleSoft FSCM: PeopleSoft Supplier Contract Management.

See My Oracle Support (Document ID 1923479.1) for required setup on the web server in order to support API call.

## **Task 1-10: Defining PeopleSoft In-Memory Project Discovery Hardware and Software Requirements**

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Oracle's PeopleSoft In-Memory Project Discovery is intended to run on Oracle Exalytics In-Memory hardware. Oracle Exalytics In-Memory hardware supports only Oracle WebLogic.

To use PeopleSoft In-Memory Project Discovery, you also need the following Oracle Endeca Information Discovery products:

- Oracle Endeca Server
- Oracle Endeca Information Discovery Integrator
- Oracle Endeca Information Discovery Integrator Acquisition System
- Oracle Endeca Information Discovery Studio

See the PeopleSoft Financials and Supply Chain Management In-Memory Project Discovery Installation guide, for more information and prerequisite details for installing PeopleSoft In-Memory Project Discovery.

## **Task 1-11: Defining PeopleSoft Global and Component Keyword Search**

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FSCM 9.2 Global and Component Keyword Search is implemented using PeopleTools Search Framework.

Prior to 8.55.11, you must use Oracle's Secure Enterprise Search (SES) for Global and Component Keyword Search. The certified version of SES is 11.2.2.2 BP6. On Tools 8.55.11, you may either use SES or Elasticsearch for purposes of Live Cutover. Refer the appropriate PeopleTools Configuration documentation for these search engines and your database platform and release.

See the product documentation PeopleSoft FSCM: Applications Fundamentals for more information on FSCM Searching.

