ORACLE

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System Requirements

Reference Guide

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Preface

This document outlines the system requirements for applications that comprise Oracle Documaker. This includes hardware and software requirements for the following Documaker applications:

- Oracle Documaker Enterprise Edition
- Oracle Documaker Mobile
- Oracle Documaker Standard Edition
- Docupresentment (IDS)
- Documaker Connector
- iPPS
- EWPS
- Documaker Web Services
- Documaker Desktop

Note Docupresentment is also known as Internet Document Server (IDS).

AUDIENCE

This document is intended for users who want to install the Documaker applications. Experience in installing software on Windows, UNIX, and z/OS platforms and as a system administrator is necessary.

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Canada: 1.800.668.8921 or +1.905.890.6690

Latin America: 877.767.2253

For other regions including Latin America, Europe, Middle East, Africa, and Asia Pacific regions: Visit- http://www.oracle.com/us/support/contact/index.html.

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Related Documents

For more information, refer to the Oracle Documaker documentation set, specifically:

- Documaker Enterprise Installation Guide
- Documaker Enterprise Administration Guide
- Oracle Documaker Mobile User Guide
- Oracle Documaker Mobile Installation Guide
- Documaker Installation Guide
- Documaker Administration Guide
- Docupresentment Installation Guide
- Docupresentment Guide
- Documaker Connector Installation Guide
- iPPS Installation Guide
- Introduction to Enterprise Web Processing Services
- Documaker Desktop Installation Guide

- Documaker Desktop Administration Guide

You can find these and other guides at the Oracle Insurance documentation page on the Oracle Technology Network:

http://www.oracle.com/technetwork/documentation/insurance-097481.html

CONVENTIONS

The following text conventions are used in this document:

Convention	Description
bold	Indicates information you enter.
italic	Italic type indicates book titles, emphasis, or placeholder variables for which you supply particular values.
`monospace`	Monospace type indicates commands, URLs, code in examples, and text that appears on the screen.

Chapter 1

Overview: Documaker System Requirements

Oracle Documaker applications run on a variety of operating systems and hardware platforms. Each application may have specific requirements. These requirements are explained in this chapter. Please make sure you have these requirements available before you install your Documaker applications.

This chapter discusses these topics:

- *General System Availability* on page 18
- *Documaker Enterprise Edition Requirements* on page 22
- *Oracle Documaker Mobile* on page 27
- *Documaker Standard Edition Requirements* on page 28
- *Docupresentment Requirements* on page 33
- *Documaker Connector Requirements* on page 37
- *iPPS Requirements* on page 40
- *EWPS Requirements* on page 42
- *Documaker Desktop Requirements* on page 44

GENERAL SYSTEM AVAILABILITY

The following Documaker applications run on a variety of operating systems, primarily Windows operating systems such as Windows 7 or higher. Documaker applications also run on z/OS (OS/390) and UNIX operating systems of AIX, Linux x86 and Solaris. This table shows the various application offerings and the operating systems under which they run.

	Windows*	z/OS	AIX	Linux	Solaris
Oracle Documaker Enterprise Edition (ODEE)**					
Document Factory	Yes	No	Yes	Yes	Yes
ODEE Web Applications: Documaker Interactive, Dashboard, Documaker Administrator, DWS***	Yes	No	Yes	Yes	Yes
iPPS****	Yes	No	No	No	No
Oracle Documaker Mobile (ODM)	Yes	No	Yes	Yes	Yes
Oracle Documaker Standard Edition (ODSE)					
Documaker Server	Yes	Yes	Yes	Yes	Yes
Documaker Studio	Yes	No	No	No	No
Documaker Connector	Yes	No	Yes	Yes	Yes
Docupresentment	Yes	No	Yes	Yes	Yes
EWPS	Yes	No	Yes	Yes	Yes
Oracle Documaker Mobile (ODM)	Yes	No	Yes	Yes	Yes
Oracle Documaker Desktop					
Documaker Desktop	Yes	No	No	No	No

* For ODEE and ODM, Windows 2008 Server and Windows 2012 Server 64-bit versions are supported.

For ODSE, this includes Windows 7, Windows 2008 and 2012 Server. This includes both 32 and 64-bit versions of these operating systems. Be sure to have the latest service packs installed.

**ODEE application tier runs with Java 7 and is provided as part of the installation.

***ODEE web applications run under WebLogic/WebSphere deployed on a Windows or Unix platform.The Java JRE requirement for these applications is set by the JRE requirement for the web application server.

****Runs under Microsoft Windows 2008 Server, both 32 and 64-bit versions.

Documaker Server, Documaker Studio, Documaker WIP Edit Plug-in, and Docupresentment require Java JRE 1.7. As such, Java must be installed on the server or client machine as a pre-requisite to running each of the applications.

	Windows*	z/OS	AIX	Linux	Solaris
Printers**					
AFP	Yes	Yes	Yes	Yes	Yes
GDI	Yes	No	No	No	No
HTML	Yes	No	Yes	Yes	Yes
Metacode	Yes	Yes	Yes	Yes	Yes
PCL	Yes	No	Yes	Yes	Yes
PCL 6*	Yes	No	Yes	Yes	Yes
PDF	Yes	Yes	Yes	Yes	Yes
PostScript	Yes	Yes	Yes	Yes	Yes
RTF	Yes	No	Yes	Yes	Yes
VIPP	Yes	Yes	Yes	Yes	Yes
XML***	Yes	Yes	Yes	Yes	Yes

* You must have PCL version 6 or higher for Unicode support on PCL-compatible printers. PCL version 6 support became available in Documaker version 10.2.

** Includes Windows 7, Windows 2008 and Windows 2012 Server.

*** XML on Z/OS is EBCDIC, plain text, limited character set support only. There is no ASCII, no ANSI, no UTF-8, and no UTF-16 support.

Networks

The system does not use any specific network calls and is expected to work on any network compatible with Microsoft programs.

Note The network file server you use with Documaker Studio or Documaker Desktop must be a 100% Windows network compatible. Some UNIX systems that offer Network File Server (NFS) support are not 100% Windows compatible and some UNIX systems do not honor Windows file locking calls and may not be suitable for use as a file server in a true multi-user environment.

Sample resources

Sample Master Resource Libraries (MRL) are available on Oracle Technology Network (OTN). They are located under Oracle Documaker Documentation Libraries:

Sample resources for	Use the MRL in this ZIP file:
iPPS	AMERGEN
Documaker Desktop	SAMPCO
Documaker Studio	DMS1
Documaker Standard Edition	DMS1
To use the sample resources, you must have installed the Java Runtime Environment (JRE) 1.7.	

Downloading the Software

The Oracle Software Delivery Cloud (OSDC) site lets you download Oracle software products.

The process of downloading software from OSDC includes following steps:

1. First, go to the Oracle Software Delivery Cloud website:

   https://edelivery.oracle.com

2. Sign in with your Oracle account. If you do not have an Oracle account, you can register for an account here.
3. Search for the software by typing in the search bar and selecting it. For example, enter 12.5 to search for the list of Release 12.5 versions of Oracle Documaker software products.
4. Select the platform from the ‘Select platform’ drop-down.
5. The selected products are then listed under ‘Download Queue’. Click the X (cross) which is adjacent to the product in case you want to remove individual files or click ‘Remove All’ in the lower left corner of the dialog if you want to remove all the listed items.
6. Click ‘Continue’ to proceed to next screen; you will see a list of the selected software for downloading.
7. Choose the individual software components for download and click ‘Continue’ if you wish to proceed or ‘Return to Search’ to review different software for downloading.
8. Read the license agreement carefully; mark the check box to agree with license agreements, and click ‘Continue’.
9. Click ‘Download’ button to download the software or click the filename to individually download the files.

10. While you can save the file on any machine you choose, we recommend you save the file onto the machine where you plan to run it. You must unzip the file on the platform for which it was intended. The length of time it takes to download an application depends on the size of the download, your connection speed, and the amount of traffic on the site.
11. Once the Download has completed, click ‘Return to Search’ to search and download additional files or click ‘Sign Out’ to log off Oracle Software Delivery Cloud.

Chapter 2

Documaker Enterprise Edition Requirements

The following operating system and infrastructure software is needed to run Oracle Documaker Enterprise:

	Operating System/Software	Comments
Presentation Tier	Any operating system that supports the following: • WebLogic 11g, version 10.3.6 • WebSphere Application Server, version 7.0.0.27 Network Deployment (ND).	This layer hosts the web-based applications. **Note:** A 64-bit OS and a 64-bit JVM are required. The Web Tier should be enabled to use SSL.
	Application Server 1 (logical)	Hosts the Document Factory Dashboard and Documaker Administrator web applications, hosts the collection of messaging queues used for Factory processing. Messaging middleware can be either JMS or WebSphere MQ. Also hosts DWS** for the first Assembly Line deployed, called dmkr_server. **Note:** For WLS, the JMS queue server is a dedicated logical Application Server.
	Application Server 2 (logical)	Hosts the Oracle Service-Oriented Architecture (SOA) Suite 11.1.1.7.0 with BPEL, Oracle Business Rules, OPSS, and UMS enabled, called soa_server.
	Application Server 3 (logical)	Hosts Documaker Interactive for Correspondence Use Case, called idm_server. Note: This server is only needed for deployments using Documaker Interactive. Interactive for Correspondence Use Case.
	Application Server 4 (logical)	Documaker Interactive for the Contracts Use Case, called con_server. Note: This server is only needed for deployments using Documaker Interactive Contracts Use case.
	An HTTP web server for static content	Hosts the WipEdit plug-in and can be used to host Online Help content. **Note**: This server is only needed for deployments using Documaker Interactive.

	Operating System/Software	Comments
Application Tier	Windows 2008 Server or higher (64-bit) Standard Edition, Solaris 10/Sun OS 5.10 (SPARC), and Oracle Enterprise Linux 5.3 or higher and AIX 7.1.1.2 32-bit JVM is required for Document Factory processing	This layer runs Documaker Document Factory and Docupresentment services. **Note:** Documaker is a 32-bit application and requires 32-bit drivers when running on a 64-bit machine.
Data Tier	Any operating system (64-bit) that supports the target database type and client - these database types are supported: Oracle 11g R2 or 12c, IBM DB2 LUW version 9.7, or IBM DB2 zOS 10.1, SQL Server 2012 Service pack2.	This layer houses the database tables used to store system configuration and processing records. Unicode must be enabled and case sensitivity must be enabled (This is the default).The necessary database connections must be set up.
Archive/Enclosure Content (Optional)	Oracle WebCenter Content Core Capabilities 11.1.1.3.0 or higher	Oracle WebCenter can be used to store attachments or to archive output from Documaker.

Use this formula to determine the number of database connections you need: 500 + (5 x number of users).

Web Server JDBC connection pools should also be adjusted appropriately.

*Formerly known as Universal Content Management (UCM).

**DWS can alternatively be deployed to a web server outside of the other ODEE deployments. In that case, the supported web application servers for DWS expands to include JBOSS and TOMCAT. If you are using Tomcat version 6.0.20 or later, you must also have JAX-WS RI because Tomcat is not a J2EE container and therefore does not provide a JAX-WS RI. Extract the JAXWSRI jar files and place them inside the WEB-INF\lib directory of the Tomcat.

DWS.war file before deployment. You can download the JAX-WS RI from this site: http://jax-ws.java.net/.

The following table lists the certified environment combinations that have been tested by Oracle's Product Development team for this release version.

OS	OS Version	Database	Web App
Linux	Oracle Linux 6	Oracle Database 11g Enterprise Edition (v 11.2.0.1.0)	WebLogic Server 11g (v 10.3.6.0)
Linux	Oracle Linux 6	SQL Server 2012 RTM	WebLogic Server 11g (v 10.3.6.0)
AIX	7.1.0.0	IBM DB2 ZOS 10.1	IBM WebSphere Application Server - ND (v 7.0.0.27)
AIX	7.1.0.0	IBM DB2 LUW 9.7	IBM WebSphere Application Server - ND (v 7.0.0.27)
Windows	2008 Enterprise R2	Oracle Database 12c Enterprise Edition (v 12.1.0.1.0)	WebLogic Server 11g (v 10.3.6.0)
Windows	2012 Standard R2	SQL Server 2012 RTM	WebLogic Server 11g (v 10.3.6.0)
Solaris	Oracle Solaris 11.1	Oracle Database 11g Enterprise Edition (v 11.2.0.1.0)	WebLogic Server 11g (v 10.3.6.0)
Solaris	Oracle Solaris 11 Sun SPARC	SQL Server 2012 RTM	WebLogic Server 11g (v 10.3.6.0)

Note For all the above mentioned Operating Systems, **Queue** and **Identity Management** types are **JMS** and **OIMLDAP** respectively.

CLIENT REQUIREMENTS

Clients accessing the web-based applications will need:

- Adobe Acrobat Reader
- One of these web browsers:
  - Microsoft Internet Explorer version 11 or higher
  - Mozilla Firefox version 3.6.6 or higher

Note The browser running the WIP Edit plug-in must be a 32-bit version and the operating system can be a 32- or 64-bit version. Additionally, the client running the WIP Edit plug-in must also have Java 7 installed.

For more information about WIP Edit plug-in, See KB article 1962423.1

Minimum hardware configuration

This table outlines the minimum hardware configured used to test the system:

	Windows	AIX	Solaris	Linux
Presentation Tier				
OS	Windows Server 2008 (64-bit)	AIX 7.1 TL1SP2	Solaris 10/Sun OS 5.10 (SPARC)	Oracle Enterprise Linux release 5.6
CPU #	Intel® 2 Cores 2.3GHz x64	4x3GHz POWER	SPARC 2 Cores T-3 1.65GHz 64-bit machines	Intel® 2 Cores 2.3GHz x64 64-bit machines
Memory #	4 GB RAM	8 GB RAM	16 GB RAM	16 GB RAM
Hard disk	150 GB			
Application Tier				
OS	Windows Server 2008 or higher (64-bit)	AIX 7.1 TL1SP2	Solaris 10/Sun OS 5.10 (SPARC)	Oracle Enterprise Linux release 5.6
CPU	Intel® 4 Cores 2.3GHz	4x3GHz POWER	SPARC 2 Cores T-3 1.65GHz 64-bit machines	Intel® 4 Cores 2.3GHz 64-bit machines
Memory*	4 GB RAM	8 GB RAM	16 GB RAM	16 GB RAM
Hard disk	150 GB			
Printer	HP-compatible printers supporting PCL version 5 or Postscript with 8 MB RAM ***			
Data Tier				
OS	Windows Server 2008 or higher (64-bit)	AIX 7.1 TL1SP2	Solaris 10/Sun OS 5.10 (SPARC)	Oracle Enterprise Linux release 5.6
CPU	Intel® 4 Cores 2.3GHz	4x3GHz POWER	SPARC 2 Cores T-3 1.65GHz 64-bit machines	Intel® 4 Cores 2.3GHz 64-bit machines
Memory *	4 GB RAM	16 GB RAM	16 GB RAM	16 GB RAM
Hard disk	500 GB ****			

Minimum sandbox platform

Here is the minimum hardware you need for a sandbox on each platform:

	Windows	AIX	Solaris	Linux
OS	Windows Server 2008 x64	AIX 7.1 TL1SP2	Solaris 10/Sun OS 5.10	Oracle Enterprise Linux release 5.6
CPU	Intel® 2 Cores 2.3GHz x64	4x3GHz POWER	SPARC 2 Cores T-3 1.65GHz 64-bit machines	Intel® 2 Cores 2.3GHz x64

	Windows	AIX	Solaris	Linux
Memory	16 GB RAM			
Hard disk	150 GB			
Printer	HP-compatible printers supporting PCL version 5 or Postscript			
Printer Memory	8 MB RAM			

Chapter 3

Oracle Documaker Mobile

Oracle Documaker Enterprise Edition or Oracle Documaker Standard Edition is a prerequisite of Oracle Documaker Mobile. Oracle Documaker Mobile is designed to produce output targeted to display on your customers devices. Your company must choose the supported devices for the output. The following hand-held and tablet devices are listed as a suggestion of what you might recommend:

Device Type	iOS	Android
Mobile Device	iOS 6 or higher	Android 4.4 or higher
Tablets	iOS 7 or higher	Android 4.4 or higher

Note In Documaker Studio and in Oracle Documaker Enterprise/Standard Edition you may notice Mobile options enabled. Note that those these options may be visible and editable, Mobile production is NOT available without installing Oracle Documaker Mobile. To purchase Documaker Mobile visit My Oracle Support website or contact your Oracle Sales representative.

Chapter 4

Documaker Standard Edition Requirements

Your computer must have certain software and hardware components to run the programs that comprise the Documaker system. Depending on your software license, operating environment, and your processing needs, these requirements vary.

The following tables outline the minimum hardware used to test Documaker and are included for informational reasons only. You should run the system on a computer configured appropriately for the operating system you use and with the processing power to meet your needs.

Note

- For running Documaker Studio, Documaker Server, Docupresentment and WIP Edit plug-in, you must have Java 1.7 installed.
- For more specific information on the GenArc program and the additional archive and retrieval capabilities available, refer to the Documaker Administration Guide.

On Windows

When running Documaker Studio, keep in mind:

- You can use Oracle, DB2, and SQL Server databases with Documaker Studio.

Note If you are using Oracle database and ODBC connection, the Oracle Instant Client version 12.1.0.2.0 must be used as the client for the Data Source Name.

- If you are using Microsoft Internet Explorer version 9.x on the machine where Documaker Studio is running, turn on Internet Explorer's compatibility view.
- Microsoft Word 2007, 2010 or 2013 is required in order to:
  - convert Microsoft Word (*.doc, *.docx) documents using Documaker Studio or command line utility RTF2FAPW
  - create or modify Documaker documents using Oracle Documaker Add-In for Microsoft Word

Note Documaker Add-In for Microsoft Word supports Microsoft Office 2007,2010, 2013 and 2016.

- Convert Documaker documents (*.docx, *.docm) using Documaker Studio or RTF2FAPW.
- Microsoft.NET Programmability Support in MS Word.

  You need the following applications to run Documaker Add-In for Word:

Item	Version
Microsoft.NET Framework	• If you are using Office 2010, Office 2013 or Office 2016, you will need.Net 4.0, .Net 4.5.1 and VSTO2010 installed. • If you are using Office 2007, you will need.Net 3.51 and.Net4.0 and VSTO2010 installed.

Review the Microsoft Download Center site for any additional requirements associated with these applications: http://www.microsoft.com/downloads/

Note The Microsoft.NET Framework must be installed before the VSTO Runtime.

- Microsoft VSTO (Visual Studio 2010 Tools for Office Runtime).

This table outlines the minimum hardware used to test the system on single user for Windows.

	For Windows
CPU	Intel® Core™ 2 CPU.2.13GHz
Memory*	1.99 GB RAM
Hard disk**	148 GB
Printer	HP-compatible printers supporting PCL version 5
Printer memory***	8 MB RAM
Runtime library	Microsoft Visual C++ 2013 Redistributable Package (x86)

* Additional memory improves system performance.

** Depends on the volume of data you must process

*** Additional memory may be required if printing complicated graphics or using a lot of fonts.

Note Windows 7, Windows 8, and Windows 10 are supported.

On z/OS (OS/390)

Documaker Server runs on the following versions or releases of IBM's operating systems:

- OS/390 version 1.1 to version 2.10
- z/OS version 1.6 and higher

Note Following OS/390 version 2.10, new versions were named z/OS. Documaker runs on OS/390 and z/OS. In this manual, OS/390 and z/OS are referred as *z/OS* unless otherwise noted.

No product upgrades are required and no incompatibility problems have been reported when running Documaker on any of these operating system releases.

	Requirements
Hard disk	150 MB
Printer	Any printer which supports IBM AFP, Xerox Metacode, or Adobe PostScript
Runtime library	IBM Language Environment for OS/390 version 2.10 or higher
Compiler	(Only necessary if adding custom code to the system) IBM C/C++ compiler for OS/390 version 2.10 or higher

Note Regardless of the type of computer you run the system on, to print charts on Xerox Metacode printers, you must have a GVG card. To print charts on IBM AFP printers, you must have a GOCA card.

The amount of hard disk space you will need depends mainly on the volume of data you must process. Keep in mind too, that the C/C++ compiler is only required if you plan to write your own custom rules and recompile the source modules provided in the Software Developer's Kit (SDK).

On UNIX Systems

For all UNIX systems, you can use any printer that supports IBM AFP, PCL, PostScript level 2, or Xerox Metacode. For HP printers, you need at least 8mb of memory, more if you are printing complicated graphics or using a lot of fonts. The amount of hard disk space you need depends on the volume of data you process. Keep in mind too, that a compiler is only required if you plan to recompile the system, such as if you customize the source code or use a runtime library other than the one shown for your operating system.

Note For any UNIX installation, first make sure you have the uudecode, uncompress, and awk utilities installed.

On AIX systems

	Requirements
Operating system	AIX version 6.1 or higher
Model*	pSeries - Power RISC
Compiler	(Only necessary if adding custom code to the system) IBM XL C/C++ version 10.1.0.0
Runtime library	C/C++ runtime for AIX version 11.1.0.1 or higher

	Tested on
Model*	IBM Power 750
CPU	4 x 3GHz POWER7
Memory*	16 GB
Hard disk**	Two 74 GB SCSI and two 140 GB SCSI disks

*Additional memory and a faster CPU is not required, but will improve performance.
** Additional space required for your customized forms

On Linux systems

	Requirements
Operating system	GNU/Linux Distribution Oracle Enterprise Linux (OEL) version 5.6 or higher Kernel 2.6.18-238+
Model	Intel/AMD based systems
Compiler	(Only necessary if you are adding custom code to the system) GNU C/C++ compiler gcc-4.1.2-50, gcc-c++-4.1.2-50
Runtime library	libgcc-4.1.2-50 libstdc++-devel-4.1.2-50
Additional requirements	• The installer requires the sharutils package for the uudecode applet. • Any other utilized software required packages, such as Oracle, DB2, MySQL, and so on.

	Tested on
CPU*	Intel® Xeon® CPU X5675 @ 3.07GHz
Operating system	Oracle Enterprise Linux (OEL) version 5.6 Oracle VM guest
Memory*	8 GB
Hard disk**	150 GB

*Additional memory and a faster CPU is not required, but will improve performance.
** Additional space required for your customized forms

Note: For installation on Security Enabled (SE) Linux, contact Support for assistance.

On Solaris systems

	Requirements
Operating system	Sun Solaris 10/SunOS 5.10 (SPARC based)
Model*	UltraSPARC based
Compiler	(Only necessary if adding custom code to the system) Sun Studio 11 for C/C++ development
Runtime library	Core Solaris 10

	Tested on
Model*	Sun Ultra 45
Operating system	Solaris 10/Sun OS 5.10 SPARC 64-bit
CPU	2 x 1.6 GHz UltraSPARC-IIIi
Memory*	4 GB
Hard disk**	500 GB SCSI disk

*Additional memory and a faster CPU is not required, but will improve performance.
** Additional space required for your customized forms

Chapter 5

Docupresentment Requirements

Your computer must have certain software and hardware components to run Docupresentment. Depending on your software license and operating environment, these requirements vary.

You can run Docupresentment on the following operating systems:

- Windows
- AIX
- Linux
- Solaris

Note For Docupresentment you must have Java 1.7 or higher.

These tables provide more detailed information on our minimum platform requirements for testing Docupresentment implementations.

On Windows systems

	Tested on
Operating system*	Windows
CPU	Intel® Core™ 2 CPU.2.13GHz
Memory	2 GB
Hard disk (RTE)	80 GB
Hard disk (MRL)**	80 GB

** Additional space required for your customized forms

On AIX systems

	Requirements
Operating system	AIX version 6.1 or higher
Model*	pSeries - Power RISC
Compiler	(Only necessary if adding custom code to the system) IBM XL C/C++ version 10.1.0.0
Runtime library	C/C++ runtime for AIX version 11.1.0.1 or higher

	Tested on
Model*	IBM Power 750
CPU	4 x 3GHz POWER7
Memory*	16 GB
Hard disk**	Two 74 GB SCSI and two 140 GB SCSI disks

*Additional memory and a faster CPU is not required, but will improve performance.
** Additional space required for your customized forms

On Linux systems

	Requirements
Operating system	GNU/Linux Distribution Oracle Enterprise Linux (OEL) version 5.6 or higher Kernel 2.6.18-238+
Model	Intel/AMD based systems
Compiler	(Only necessary if you are adding custom code to the system) GNU C/C++ compiler gcc-4.1.2-50, gcc-c++-4.1.2-50
Runtime library	libgcc-4.1.2-50 libstdc++-devel-4.1.2-50
Additional requirements	• The installer requires the sharutils package for the uudecode applet. • Any other utilized software required packages, such as Oracle, DB2, MySQL, and so on.

	Tested on
CPU*	Intel® Xeon® CPU X5675 @ 3.07GHz
Operating system	Oracle Enterprise Linux (OEL) version 5.6 Oracle VM guest
Memory*	8 GB
Hard disk**	150 GB

*Additional memory and a faster CPU is not required, but will improve performance.
** Additional space required for your customized forms

On Solaris systems

	Requirements
Operating system	Sun Solaris 10, 11.1/SunOS 5.10 (SPARC based)
Model*	UltraSPARC based
Compiler	(Only necessary if adding custom code to the system) Sun Studio 11 for C/C++ development
Runtime library	Core Solaris 10

	Tested on
Model*	Sun Ultra 45
Operating system	Solaris 10/Sun OS 5.10 SPARC 64-bit
CPU	2 x 1.6 GHz UltraSPARC-IIIi
Memory*	4 GB
Hard disk**	500 GB SCSI disk

*Additional memory and a faster CPU is not required, but will improve performance.
** Additional space required for your customized forms

Web Server

This table outlines the web server requirements for each operating system:

Operating system	Web server
Windows	2008 R2, 2012 and 2012 R2 Server , such as Microsoft Internet Information Server version 4.0 or higher.
AIX	Web server for AIX 5.3, such as IBM's HTTP Server for AIX version 1.3.3.1 or higher with the Java Runtime Environment and/or JDK for AIX, version 1.4.0 or higher.
Linux	Web server for Linux, such as Apache version 1.3.12 or higher or IBM HTTP Server version 1.3.9 or higher.
Solaris	Web server for Sun Solaris version 7 or higher on SPARC, such as Java Web Server 2.0 or Apache version 1.3.9 with the Java Runtime Environment and/or JDK for Solaris, version JRE version 1.4.0 or higher. IBM HTTP Server version 1.3.9 or higher can also be used.

Note Oracle tests Docupresentment implementations on WebSphere Application Server (WAS) version 6.1.x and Tomcat 6.x Application Server.

Chapter 6

Documaker Connector Requirements

To use Documaker Connector, you need the following:

- Platform support of Java 6 (compatible JVM), including JDBC database connectivity.

Note On Windows, Linux, and Solaris; the installer installs a compatible JVM (Java Virtual Machine) for you.

- Connection to an SQL database and file system directory are accessible to Oracle Documaker when using the Documaker source.
- A connection to the configured destination system, such as Oracle WebCenter Content.

Chapter 7

Documaker Transall Requirements

Documaker Transall run on a variety of operating systems and hardware platforms. Each application may have specific requirements. These requirements are explained in this chapter. Please make sure you have these requirements available before you install your Transall application.

Windows (32-bit)

The minimum hardware requirements to install and operate Transall are:

- Processor: Intel-compatible; 512 MHz or faster Pentium III or better processor required, or equivalent
- Memory: 512 MB available RAM or more recommended
- Harddisk: 12 MB of available hard disk space required for installation (hard disk usage will vary based on configuration)
- Monitor: recommend 19" monitor or better at 1280 x 1024 resolution or better for viewing and working with documents in workstation software

The minimum software requirements to install and operate Transall are:

- Windows 2008, and Windows 2012 (the latest service packs for each operating system are highly recommended)
- Database support requires Microsoft ODBC Level 2 drivers (Level 3 drivers recommended)
- Oracle Common Objects 11.2 (required for some sources and destinations)

AIX (32-bit)

The minimum hardware requirements to install and operate Transall are:

- Processor: POWER 4 or later processors; 1.2 GHz or faster processor required
- Memory: 512 MB available RAM or more recommended
- Harddisk: 40 MB of available hard disk space required for installation (hard disk usage will vary based on configuration)

The minimum software requirements to install and operate Transall are:

- AIX 6.1 and 7.1 (32-bit mode only); the latest service packs for each operating system are highly recommended
- Databases supported:
    - Oracle 8 and later supported via 32-bit Oracle 8 driver
    - Sybase 12.5

Linux (32-bit)

The minimum hardware requirements to install and operate Transall are:

- Processor: Intel-compatible only; 1 GHz or faster Pentium Pro or better processor required
- Memory: 512 MB available RAM or more recommended
- Harddisk: 40 MB of available hard disk space required for installation (hard disk usage will vary based on configuration)

The minimum software requirements to install and operate Transall are:

- Kernel 2.4.9 or later; formal Linux distribution is desirable (e.g., Red Hat Enterprise Linux or Novell SuSE Linux Enterprise Server); all current fixes are required for each kernel release.
- Databases supported:
    - Oracle 9 and later supported via Oracle 9 driver
- Linux 2.4.9 or later with the following libraries:
    - libdl.so.2
    - libstdc++-libc6.2-2.so.3
    - libm.so.6
    - libc.so.6
    - /lib/ld-linux.so.2
    - libpthread.so.0
    - libns1.so.1

Sun Solaris (32-bit)

The minimum hardware requirements to install and operate Transall are:

- Processor: UltraSPARC IIIi processors or later; 1.06 GHz or faster processor required
- Memory: 512 MB available RAM or more recommended
- Harddisk: 40 MB of available hard disk space required for installation (hard disk usage will vary based on configuration)

The minimum software requirement to install and operate Transall is:

- Sun Solaris 8 and 9 (5.8 and 5.9)
- Databases supported:
    - Oracle 9 and later supported via Oracle 9 driver
    - MySQL version 4.0 and later using MyODBC

Chapter 8

iPPS Requirements

Your computer must have certain software and hardware components to run iPPS. This table outlines those requirements:

Basic requirements

	Requirements
CPU	Intel® Core™ 2 CPU.2.13GHz
Operating systems	Windows 7, Windows 2008, Windows 2012 Server
Memory*	1.99 GB RAM
Hard disk**	400 MB free
Other components	Keyboard and mouse or compatible pointing device
Monitor	Color SVGA monitor

* Additional memory, while not required, will improve system performance.
** The amount of hard disk space you will need depends mainly on the volume of data you must process.

Client requirements

In addition to the minimum requirements, each client should have the following:

- WIP Edit plug-in
- Windows 7 or higher
- Adobe Acrobat Reader 10 or higher
- Microsoft Internet Explorer 11 or higher with these Internet security options enabled:
  - Run ActiveX controls and plug-ins
  - Script ActiveX controls safe for scripting
  - Allow cookies that are stored on your computer
  - Allow per-session cookies (not stored)
  - Active Scripting

Server requirements

In addition to the minimum and client requirements, the computer you will use as a server should be configured with the following:

- Internet Information Services (IIS) with World Wide Web Server and File Transfer Protocol (FTP) Server
- A database such as Microsoft Access (Access 97 or higher), xBase, or SQL
- Visual Basic runtimes

- Microsoft XML Core Services 4.0 SP2 (msxml4) for iPPS 3.11 and below
- Microsoft XML Core Services 6.0 (msxml6) for iPPS 3.12 and higher
- ADO 2.6 or later
- A static IP address

Web server

For the web server, you should have:

- Windows 2008 Server or higher
- Component Services or Microsoft Transaction Server
- Microsoft Visual Basic 6 Runtimes (included/installed with iPPS version 3.1 or higher)
- Microsoft Active Data Objects 2.6 or higher (included/installed with iPPS version 3.1 or higher)
- IBM WebSphere MQ (formerly MQSeries) or Microsoft Message Queue client
- ODBC-compliant database (Oracle, SQL Server, or DB2 recommended for production)
- Microsoft's XML parser:
- MSXML 6.0 for iPPS version 3.12 and higher
- Docupresentment version 2.2 or higher

Chapter 9

EWPS Requirements

The EWPS Java web application deployment supports Java Runtime Environment (JRE) version 1.6 or higher. For best results, use JRE version 1.6. This table shows the version of Java you need for each supported platform:

For this platform	You need this version of Java
Microsoft Windows (x86-32 and x86-64)	
Windows 7 Server 2008 R2 Server 2012/2012 R2	Java version 5 or higher
Linux (x86-32 and x86-64) 32- and 64-bit kernels	
Oracle Enterprise Linux version 5.3 or higher RedHat Enterprise Linux version 5.3 or higher	Java version 5 or higher or IBM Java version 5 or higher
Sun Solaris (SPARC) 32-and 64-bit kernels	
Solaris 10/SunOS version 5.10 or higher)	Java version 5 or higher
IBM AIX 5L pSeries (RISC) 32- and 64-bit kernels	
version 5.3 TL 5200-09	IBM Java version 5 or higher
version 5.3 TL 5300-07	IBM Java version 6 or higher

Web application server

When running on Windows, AIX, Linux, or Solaris, you can use the following Java web application servers and servlet containers:

- Oracle WebLogic Server 11gR1 (10.3.6)/12c (12.1.2)
- IBM WebSphere AS, version 7+/8+
- Tomcat version 6+

Note As shown above, Oracle tests with Tomcat 8 on Windows 8 OS with JRE 1.7

The EWPS Java web application deployment requires the following version of Docupresentment to process web services requests:

- Docupresentment version 2.2, patch 04 or higher

Message bus systems

EWPS communicates to Docupresentment using a message bus provider such as Oracle WebLogic, JMS, WebSphere MQ, or MSMQ. This table shows the possible message bus systems you can use.

For this platform	You can use one of these message busses
Windows (x86-32 and x86-64) • Windows 7 • Server 2008 R2 • Server 2012/2012 R2	HTTP/SOAP* MSMQ IBM WebSphere MQ, version 5.3 or higher Oracle WebLogic 11g, version 10.3.4 Other JMS providers
Linux (x86-32 and x86-64) ** • Oracle Enterprise Linux version 5.3 or higher • RedHat Linux Enterprise Server version 5.3 or higher	HTTP/SOAP* IBM WebSphere MQ, version 5.3 or higher Oracle WebLogic 11g, version 10.3.4 Other JMS providers
Sun Solaris (SPARC) • Solaris 10, 11.1/SunOS version 5.10 or higher	HTTP/SOAP * IBM WebSphere MQ, version 5.3 or higher Oracle WebLogic 11g, version 10.3.4 Other JMS providers
IBM AIX 5L pSeries (RISC) 32-bit and 64-bit • version 5.3 TL 5200-09 • version 5.3 TL 5300-07	HTTP/SOAP * IBM WebSphere MQ, version 5.3 or higher Oracle WebLogic 11g, version 10.3.4 Other JMS providers

* HTTP is recommended for development systems, not for production use.
** Other Linux distributions should work at kernel v2.6.11.4-21 or higher but have not been tested.

Chapter 10

Documaker Desktop Requirements

Your computer must have certain software and hardware components to run Documaker Desktop.

The following tables outline the minimum hardware used to test Documaker Desktop and are included for informational reasons only. You should run the system on a computer configured appropriately for the operating system you use and with the processing power to meet your needs.

On Windows

This table outlines the minimum hardware used to test the system on a single user Windows workstation.

For Windows	Our minimum test configuration is
CPU	Intel® Core™ 2 CPU.2.13GHz
Memory*	1.99 GB RAM
Hard disk**	148 GB
Printer	HP-compatible printers supporting PCL5
Printer memory***	8 MB RAM

* Additional memory improves system performance.
** Depends on the volume of data you must process
*** Additional memory may be required if printing complicated graphics or using a lot of fonts.

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