JD Edwards World

Minimum Technical Requirements

Versions A9.2 and A9.2.1

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This guide explains the Minimum Technical Requirements (MTRs) for JD Edwards World A9.2 Base (A9.2) and Update 1 (A9.2.1). The RPG software MTRs are explained in this section. There are optional features in A9.2 that have additional requirements, as explained in their respective sections.

**Note:** In many instances, when referring to software dependencies, a specific software release dependency exists, rather than a requirement for *any release* above a certain level. Ensure to verify the wording of each requirement carefully.

***Note:** In this document, the name System i includes IBM servers named AS/400, eServer iSeries, System i5, System i, or Power Servers running the IBM i for Business operating system.

***Note:** When referring to the Windows operating system, requirements are for Windows 2000 Server or Windows 2003 Server or Windows NT Server or Windows XP. No testing has been done for compatibility with Windows Vista or Windows 7.

**Software Requirements – System i**

**JD Edwards World**
- Release A9.2 Base (Single Byte or Double Byte), Release A9.2.1 (Single Byte).

**Operating System**
- i5/OS release* V5R4, IBM i 6.1 or 7.1 including the latest IBM Cumulative Program Temporary Fix (PTF). **

**RPG III Compiler**
- Required to modify RPG III programs.

**RPG IV Compiler**
- Required to modify RPG IV programs.***

* **Operating System Note:** See the following IBM web site for current end of support dates: http://www-01.ibm.com/software/support/systemsi/lifecycle/
**Install Note:** The latest Cumulative Update packages noted above contain a PTF needed for the successful installation of the software, as follows:

- V5R4M0, MF40526

***Compilers Note:** JD Edwards World A9.2 Base and A9.2.1 have a mix of RPG III and RPG IV (ILE) programs. If you apply paper fixes or customize programs, you might need both compilers.

### Hardware Requirements – System i

<table>
<thead>
<tr>
<th>Platform</th>
<th>IBM System i.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hardware Features</td>
<td>Interactive Communications Feature is required.</td>
</tr>
<tr>
<td>Memory</td>
<td>512 MB minimum.</td>
</tr>
<tr>
<td>Hard Disk Space</td>
<td>A minimum of 6 GB DASD (hard disk storage) for the basic software installation. Your data files require additional DASD.</td>
</tr>
<tr>
<td>DVD Drive</td>
<td>If you install A9.2 Base from DVD, the DVD needs to be a System i format DVD-ROM. You need a DVD drive on your System i server. Otherwise, you can install via download from the Oracle Electronic Product Delivery website, which places the download on the System i server. If you install A9.2.1 from DVD, the DVD needs to be a DVD+RW. You need a DVD drive on a Windows server or workstation with network access to your System i server. Otherwise, you can install via download from the MyOracle Support (MOS) website, following a process which places the download on the System i server.</td>
</tr>
</tbody>
</table>

### Hardware/Software Requirements– Windows/NT

**Note:** These requirements apply if installing from the Oracle Electronic Product Delivery (EPD) web site, or when installing A9.2.1 from MyOracle Support (MOS). When installing from EPD or MOS, the software is downloaded to a Windows/NT server or PC, then transferred to the IBM System i server.

| CPU            | 2.66 GHZ Intel Pentium 4 or higher recommended. |
Operating System

Windows 2000 Server or Windows 2003 Server or Windows NT Server or Windows XP.

Note: Windows Vista is known not to be compatible with this install process.

Memory (RAM)

512 MB minimum.

Hard Disk Space

2.5 GB.

Zip Utility

The A9.2 Base files on eDelivery were zipped using 7-Zip 4.65. To unzip, we strongly recommend using 7-Zip 4.65 or WinZip 11.2 SR1 or above. 7-Zip is available from www.7-zip.org. WinZip is available from www.winzip.com

The A9.2.1 files on MyOracle Support are contained within a self-extracting archive.

Other Notes

**Coexistence and Migration Notes:** JD Edwards World A9.2 Base and A9.2.1 do not support coexistence with EnterpriseOne. JD Edwards World A9.2 Base and A9.2.1 do not support direct migration to EnterpriseOne.
Web Enablement Minimum Technical Requirements (Two Options)

LegaSuite GUI (Formerly J Walk) is the name of the product from Seagull Software which Oracle uses for JD Edwards World Web Enablement. There are two options for running the LegaSuite GUI Server – on the System i server or on a Windows/NT server. Both server options use a Java or a Windows client:

- Option One refers to the LegaSuite GUI Server on the System i (Java Client)
- Option Two refers to the LegaSuite GUI Server on Windows/NT (Java Client)

All requirements stated below are in addition to JD Edwards World A9.2 RPG MTRs.

**WorldVision Note:** As of Release A7.3.15, Oracle has stopped developing any new releases of JD Edwards WorldVision. A9.2 uses the latest version of JD Edwards World Web Enablement, which adds web-based functionality to JD Edwards World. Web Enablement replaces the WorldVision product used with prior JD Edwards World releases.

**Java Client Notes:** Starting with A7.3.16 Maintenance Pack 2, all JD Edwards World Releases of Web Enablement and Self-Service are available as a Java Client (optional). Starting with A9.1, Web Enablement and Self-Service are only available as a Java Client.

**Seagull LegaSuite GUI Server or LMS Server compatible with IBM i 6.1 or 7.1 Note:** Starting with A9.2 Web Enablement MP4, the Seagull LegaSuite GUI Server and the LMS Server are compatible with IBM i 6.1 or 7.1. If you are installing these versions to a System i machine at V5R4, you need to install an IBM PTF. For more information, see Table 3-1 on page 11 of the IBM Redbook “IBM i Program Conversion: Getting Ready for 6.1 and Beyond” at http://www.redbooks.ibm.com/abstracts/redp4293.html?Open

Option One – LegaSuite GUI Server on the System i (Java Client)

**Software Requirements – System i**

LegaSuite GUI Server V4.1C10.
**Hardware Requirements – System i**

**Hard Disk Space**

**Option Two – LegaSuite GUI Server on Windows/NT (Java Client)**

LegaSuite GUI (formerly J Walk) is the name of the product from Seagull Software which Oracle uses for JD Edwards World Web Enablement. There are two options for running the LegaSuite GUI Server – on the System i or on a Windows/NT server. Both server options use a Java client:

- Option One refers to the LegaSuite GUI Server running on the System i
- Option Two refers to the LegaSuite GUI Server running on a Windows/NT server

All requirements stated below are in addition to JD Edwards World A9.2 RPG MTRs.

**Software Requirements – System i**

**Seagull License and Message Server (LMS)**
V4.34 or higher.

**Software Requirements – Windows/NT**

**LegaSuite GUI Server**
V4.1C10.

**JD Edwards World**

**HTTP Server**
IIS for Windows NT V 5.0 or higher or any other comparable HTTP Server.
Web Enablement Minimum Technical Requirements (Two Options)

Hardware Requirements – System i

**Hard Disk Space**
A minimum of 2,150 MB for the Seagull LMS Server.

Hardware Requirements – Windows/NT

**CPU**
2.66 GHZ Intel Pentium 4 or higher recommended.

**Operating System**

**Memory (RAM)**
512 MB minimum (more for larger numbers of users).

**Hard Disk Space**
100 MB.

LegaSuite GUI PC/ActiveX Client

Software Requirements – Client PC

**Browser**
Microsoft Internet Explorer 6.0 SP1 or above.

**Adobe Acrobat Reader**
If you are using Internet Explorer 7.0, you need to use the Adobe Acrobat Reader at version 7.0 or above to view pdf files from the Web Enablement client.

**Java Virtual Machine (JVM)**
Sun Java Runtime Environment 1.6.

Hardware Requirements – Client PC

**CPU**
2.66 GHZ Intel Pentium 4 or higher recommended.

**Operating System**
Windows 2003, Windows NT, Windows XP.

**Memory (RAM)**
256 MB minimum.

**Hard Disk Space**
10 MB.
Service Enablement Minimum Technical Requirements

This section explains the technical requirements for JD Edwards World Service Enablement Software Update 5 for A9.2.1. There are two options for deployment of Service Enablement:

- Option One is for deploying Web Services on WebSphere Application Server
- Option Two is for deploying Web Services on Oracle WebLogic Application Server running on a Windows/NT server

All requirements stated below are in addition to JD Edwards World A9.2 RPG MTRs.

Approvals Management Note: Starting with A9.2 Base, JD Edwards World Service Enablement is no longer required to run Approvals Management.

Seagull Transidiom Server or LMS Server Note: Starting with A9.2 Service Enablement MP4, the Seagull Transidiom AIS Server, 5250 Gateway and the LMS Server are no longer required for JD Edwards World Service Enablement.

Option One – Web Services Deployed on WebSphere Application Server

Service Enablement Option One refers to Web Services running on the WebSphere Application Server also running on the System i. The following are software components installed with this option:

- WebSphere Application Server or WebSphere Application Server Express
- JD Edwards World Web Services Components

Software Requirements – System i

<table>
<thead>
<tr>
<th>Component</th>
<th>Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Transidiom Server</td>
<td>No longer required as of A9.2 Base.</td>
</tr>
<tr>
<td>Java Virtual Machine (JVM)</td>
<td>Sun Java Runtime Environment 1.6</td>
</tr>
<tr>
<td>Application Server</td>
<td>WebSphere Application Server Express V6.0 or WebSphere Application Server V7.0</td>
</tr>
</tbody>
</table>
Service Enablement Minimum Technical Requirements

IBM Toolbox for Java / JTOpen *

Apache Java Logging Framework*

JTOpen 7.1 from sourceforge.net.


* Refer to the Service Enablement Installation and Configuration Guide for a detailed explanation of how to obtain and install this software.

Hardware Requirements – System i

Memory (RAM) 1 GB minimum.

Hard Disk Space 1.5 GB.

Option Two – Web Services Deployed on Oracle WebLogic Application Server

Service Enablement Option Two refers to Web Services running on the Oracle WebLogic Application Server running on a Windows/NT server. The following are software components installed with this option:

- Oracle WebLogic Application Server
- JD Edwards World Web Services Components

Software Requirements – System i


Transidiom Server No longer required as of A9.2 Base.

Java Virtual Machine (JVM) Sun Java Runtime Environment 1.6

Hardware Requirements – System i

Memory (RAM) 1 GB minimum.

Hard Disk Space 300 MB.

Software Requirements – Windows/NT

Application Server Oracle WebLogic Application Server 11g

Java Virtual Machine (JVM)  
Sun Java Runtime Environment 1.6

IBM Toolbox for Java / JTOpen *  
JTOpen 7.1 from sourceforge.net.

Apache Java Logging Framework*  

* Refer to the *Service Enablement Installation and Configuration Guide* for a detailed explanation of how to obtain and install this software.

Hardware Requirements – Windows/NT

<table>
<thead>
<tr>
<th>Component</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>CPU</td>
<td>2.66 GHZ Intel Pentium 4 or higher recommended.</td>
</tr>
<tr>
<td>Operating System</td>
<td>Windows 2003, Windows NT, Windows XP.</td>
</tr>
<tr>
<td>Memory (RAM)</td>
<td>1 GB minimum.</td>
</tr>
<tr>
<td>Hard Disk Space</td>
<td>300 MB.</td>
</tr>
</tbody>
</table>
Approvals Management Minimum Technical Requirements

This section explains the technical requirements for JD Edwards Approvals Management A9.2. All requirements stated below are in addition to JD Edwards World A9.2 RPG MTRs.

Software Requirements – System i


*Service Enablement Note: Starting with A9.2, JD Edwards World Service Enablement is no longer required to run Approvals Management.
Demandra Integration Minimum Technical Requirements

This section explains the technical requirements for JD Edwards World A9.2 to Demantra Integration. All the following requirements are in addition to JD Edwards World A9.2 RPG MTRs.

One or more program objects required for the JD Edwards World to Demantra Integration use System i operating system functionality starting with the release indicated below. These program object(s) are delivered as source only and need to be compiled on your System i before the integration can be used. See the *JD Edwards World Demantra Integration Guide* for more details on preparing the integration.

Software Requirements – System i

| Operating System | i5/OS release V5R4, IBM i 6.1 or 7.1 including the latest IBM Cumulative Program Temporary Fix (PTF). |
Electronic Document Delivery Minimum Technical Requirements

This section explains the technical requirements for JD Edwards Electronic Document Delivery (EDD) A9.2.

The following requirements are in addition to JD Edwards World A9.2 RPG MTRs.

Software Requirements – System i

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Java Virtual Machine (JVM)</td>
<td>Sun Java Runtime Environment 1.5.</td>
</tr>
<tr>
<td>JavaMail(TM) API Design Specification</td>
<td>mail.jar file from Sun Version 1.4.</td>
</tr>
<tr>
<td>IBM Toolbox for Java / JTOpen</td>
<td>JTOpen 6.4 from sourceforge.net.</td>
</tr>
<tr>
<td>Apache Common</td>
<td>commons-net-1.4.1.jar file from Javs2S.com.</td>
</tr>
<tr>
<td>Java Architecture for XML Binding (JAXB)</td>
<td>jaxb-api.jar file from Javs2S.com.</td>
</tr>
<tr>
<td>Components from Oracle Container for Java (OC4j)</td>
<td>crimson_1_1_1_3.jar, jaxen.jar, javax-ssl-1_1.jar, xml.jar, xmpparserv2.jar files from Oracle Application Server 10g Software Downloads.</td>
</tr>
</tbody>
</table>

* Refer to the section Working with Electronic Document Delivery in the Technical Foundation Guide for a detailed explanation of how to obtain and install this software.
Online Documentation

This section explains the technical requirements for JD Edwards A9.1 Documentation with A9.2 Net Change accessed from My Oracle Support or deployed on your server. All requirements stated below are in addition to JD Edwards World A9.2 RPG MTRs.

You can access the documentation on the following My Oracle Support web site:

https://support.oracle.com/CSP/main/article?cmd=show&type=NOT&id=878662.1

In addition, a spreadsheet of all enhancements from A7.3 to A9.2 is available on the Upgrade Resource page:

https://support.oracle.com/oip/faces/secure/km/DownloadAttachment.jspx?attachid=745437.1:15

Eventually, the A9.2 enhancements are going to be incorporated into the A9.1 Documentation and renamed to A9.2 Documentation.

All Options

Software Requirements – Client PC

Internet Browser

Internet Explorer is the preferred browser for reading A9.2 documentation.

Option One – A9.1/A9.2 Documentation from MyOracle Support

Requirements

JD Edwards World

MyOracle Support Signon.
Option Two – A9.1/A9.2 Documentation using WebSphere Application Server

**Software Requirements – System i**

- **Java Virtual Machine (JVM)**
  - Sun Java Runtime Environment 1.5.
- **Application Server**
  - WebSphere Application Server V6.0 or higher.

**Hardware Requirements – System i**

- **Memory (RAM)**
  - 1 GB minimum.
- **Hard Disk Space**
  - 1.5 GB.

Option Three – A9.1/A9.2 Documentation using Apache Tomcat Server

**Software Requirements – Windows/NT Server**

- **Java Virtual Machine (JVM)**
  - Sun Java Runtime Environment 1.5.
- **HTTP Server**
  - Apache Tomcat Server V5.0 or higher.

**Hardware Requirements – Windows/NT Server**

- **Memory (RAM)**
  - 1 GB minimum.
- **Hard Disk Space**
  - 1 GB.

Option Four – A9.1/A9.2 Documentation using Oracle Application Server

**Software Requirements – Windows/NT Server**

- **Java Virtual Machine (JVM)**
  - Sun Java Runtime Environment 1.5.
Application Server
Oracle Application Server 10.1.3.3

Hardware Requirements – Windows/NT Server

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Memory (RAM)</td>
<td>1 GB minimum.</td>
</tr>
<tr>
<td>Hard Disk Space</td>
<td>1 GB.</td>
</tr>
</tbody>
</table>
User Productivity Kit Help Menu Integration

This section explains the technical requirements for JD Edwards A9.2 User Productivity Kit (UPK).

The following requirements are in addition to JD Edwards World A9.2 RPG MTRs.

All Options

Software Requirements – UPK

<table>
<thead>
<tr>
<th>JD Edwards Web Enablement</th>
<th>JD Edwards Web Enablement A9.1/A9.2 Maintenance Pack 5 (MP5) or above is required to support Context Sensitive Help.</th>
</tr>
</thead>
<tbody>
<tr>
<td>User Productivity Kit</td>
<td>Oracle User Productivity Kit 3.5 Development Tool version and above (includes the World Help Integration Enhancement).</td>
</tr>
<tr>
<td></td>
<td>Or</td>
</tr>
</tbody>
</table>
Transaction Server Minimum Technical Requirements

This section explains the technical requirements for JD Edwards World A9.2 Transaction Server. All the following requirements are in addition to JD Edwards World A9.2 RPG MTRs.

*Application Server Note: This initial release of JD Edwards World A9.2 Transaction Server is supported on Oracle Application Server only.

*Double-byte Note: This initial release of JD Edwards World A9.2 Transaction Server is supported on single-byte only.

Software Requirements – Windows/NT

<table>
<thead>
<tr>
<th>Application Server</th>
<th>Oracle WebLogic Application Server 11g</th>
</tr>
</thead>
<tbody>
<tr>
<td>Java Virtual Machine (JVM)</td>
<td>Sun Java Runtime Environment 1.6</td>
</tr>
<tr>
<td>IBM Toolbox for Java / JTOpen *</td>
<td>JTOpen 7.1 from sourceforge.net.</td>
</tr>
</tbody>
</table>

* Refer to the JD Edwards World A9.2 Transaction Server Installation and Configuration Guide for a detailed explanation of how to obtain and install this software.

Hardware Requirements– Windows/NT

<table>
<thead>
<tr>
<th>CPU</th>
<th>2.66 GHz Intel Pentium 4 or higher recommended.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating System</td>
<td>Windows 2000 Server or Windows 2003 Server or Windows NT Server or Windows XP.</td>
</tr>
<tr>
<td>Memory (RAM)</td>
<td>2 GB minimum.</td>
</tr>
<tr>
<td>Hard Disk Space</td>
<td>2.5 GB.</td>
</tr>
</tbody>
</table>
World JDBC Driver Minimum Technical Requirements

This section explains the technical requirements for JD Edwards World JDBC Driver. All the following requirements are in addition to JD Edwards World A9.2 RPG MTRs.

Software Requirements – Windows/NT

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Requirement Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Application Server</td>
<td>None required.</td>
</tr>
<tr>
<td>Java Virtual Machine (JVM)</td>
<td>Sun Java Runtime Environment 1.5.</td>
</tr>
<tr>
<td>IBM Toolbox for Java / JTOpen *</td>
<td>JTOpen 6.4 from sourceforge.net.</td>
</tr>
</tbody>
</table>

Hardware Requirements – Windows/NT

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Requirement Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>CPU</td>
<td>1.66 GHZ Intel Pentium 4 or higher recommended.</td>
</tr>
<tr>
<td>Operating System</td>
<td>Windows 2000 Server or Windows 2003 Server or Windows NT Server or Windows XP.</td>
</tr>
<tr>
<td>Memory (RAM)</td>
<td>500 MB minimum.</td>
</tr>
<tr>
<td>Hard Disk Space</td>
<td>2 MB.</td>
</tr>
</tbody>
</table>