

Client and Server Requirements

After determining your Primavera implementation plan, ensure that your hardware and software can support it.



The following tables summarize configurations that have been tested with Primavera. For the full list of system requirements, versions, and tested configurations, refer to the testedcfg.htm file in the \Documentation\Technical Documentation\Tested Configurations folder on CD 3.

Supported Platforms for Primavera

Client modules (Project Management, Methodology Management, Primavera's Web Application)

- Microsoft Windows 2000 Professional (SP4)
- Microsoft Windows XP Professional (SP2)
- Microsoft Windows Vista Business Edition
- Citrix Presentation Server 4

The Software Development Kit (SDK) can be installed on any Windows 2003 (SP1 or SP2), Windows Vista Business Edition or Windows XP (SP2) computer. System requirements will vary depending on the requirements of the module that uses the SDK to integrate with Primavera databases.

Minimum Client Configurations

For clients running the Project Management and Methodology Management modules

- 1 x 2.8 GHz or higher Intel processor
- 1 GB of available RAM or more
- If installing standalone modules, 575 MB of available hard-disk space for supporting software, including .NET and SQL Server 2005 Express with Advanced Services (SP2). If upgrading from a prior release, an additional 40MB of available hard-disk space per module.
- If installing the Project Management module, 185 MB of additional hard-disk space
- If installing the Methodology Management module, 45 MB of additional hard-disk space
- Microsoft Internet Explorer 6 (SP2) or 7
- TCP/IP network protocol

For clients running Timesheets Web Browser version

- Microsoft Windows XP Professional (SP2)
- Microsoft Windows Vista Business Edition
- Ubuntu Linux7.0.4
- Microsoft Internet Explorer 6 (SP2) or 7 or Firefox 2.0
- JRE (appropriate version will be installed automatically with Timesheets)
- TCP/IP network protocol
- Optional software:
 - Java Access Bridge 2.01 (for 508 accessibility.)
- The Timesheets application has been tested with the following assistive technologies:
 - JAWS® for Windows screen reading software, version 7.0
 - ZoomText Magnifier 9.0

For clients running Timesheets Java Web Start version

- Microsoft Internet Explorer 6 (SP2) or 7 or Firefox 2.0
- Sun JRE (appropriate version will be installed automatically with Timesheets)
- TCP/IP network protocol
- Optional software:
 - Java Access Bridge 2.01 (for 508 accessibility.)
- The Timesheets application has been tested with the following assistive technologies:
 - JAWS® for Windows screen reading software, version 7.0
 - ZoomText Magnifier 9.0

For clients accessing Primavera's Web application

- 1 x 2.8 GHz or higher Intel processor
- 1 GB of available RAM or more
- 25 MB of available hard-disk space
- TCP/IP network protocol
- Microsoft Internet Explorer 6 (SP2) or 7
- JRE (the required version is automatically installed with Primavera's Web application)

**Supported
Configurations for
Servers**

For the database server

- Oracle 9.2.0.7 or higher on Windows 2000 Server (SP4), Windows 2003 Server (SP1 or SP2), or RedHat Linux Enterprise 4.0
- Oracle 10.2.0.2 or higher on Windows 2003 Server (SP1 or SP2), HP-UX 11i v2, Solaris 10 (SPARC), or RedHat Linux Enterprise 4.0
- Microsoft SQL Server 2000 (SP4) on Windows 2000 Server (SP4)
- Microsoft SQL Server 2005 (SP2) on Windows 2003 Server (SP1 or SP2)
- Microsoft SQL Server 2005 Express with Advanced Services (SP2) on Windows XP (SP2) and Windows Vista Business Edition
- 4 x 3.2 GHz or higher Intel processors
- 15K RPM SCIS I/O subsystem across minimum of 6 physical drives
- See "Project Management Database Server Sizing Guide" on page 21 and "Methodology Management Database Server Sizing Guide" on page 22 for memory requirements.

Job Service must run on Windows 2000 Server (SP4) or Windows 2003 Server (SP1).

For the server running Group Server and providing the Timesheets files

- Microsoft Windows 2000 Server (SP4) or Windows 2003 Server (SP1 or SP2)
- The Oracle OLE DB driver compatible with your Oracle version. For Oracle 9i, the minimum supported version of the OLE DB driver is 9.2.0.7.
- The SQL Server client driver compatible with your SQL version
- Web server software installed and running
- 512 MB of available RAM or more
- 200 MB of available hard-disk space
- Microsoft TCP/IP networking protocol

For the collaboration server

- Microsoft Windows 2000 Server (SP4) or Windows 2003 Server (SP1)
- Solaris 9 (SPARC)
- 2 x 3.2 GHz or higher Intel processors
- 2 GB of available RAM or more
- 1 GB minimum available hard-disk space. Size will vary depending volume of documents.
- The server should have a static IP address

Application server requirements hosting Primavera's Web application

- Microsoft Windows 2000 Server (SP4) or Windows 2003 Server (SP1 or SP2)
- Solaris 10 (SPARC)
- RedHat Enterprise Linux Enterprise 4.0
- HP-UX11i v2
- IBM AIX 5.3
- 2 x 3.2 GHz or higher Intel processors
- 4 GB of available RAM or more
- 1 GB minimum of available hard-disk space

Java Application server requirements hosting Primavera's Web application

- BEA WebLogic Express or Enterprise Server 9.2
- IBM WebSphere Application Server 6.1 (fp5 or fp7)
- Apache Tomcat 5.5
- JBoss 4.0.4

For the Web server hosting Project Web Site files

- Windows 2000 Server (SP4) or Microsoft Windows 2003 Server (SP1 or SP2)
- Microsoft Internet Information Server (IIS) 6.0
- Microsoft TCP/IP networking protocol

For Primavera's Web application Web server

- Microsoft Internet Information Server (IIS) 6.0
- Apache Web Server 2.0.5.9
- Internet e-mail (SMTP) or MAPI is supported
- Network protocols depend only on database vendor
- Web site requires TCP/IP

Supported E-Mail Systems and Network Protocols



Primavera's Web application supports only SMTP.

Project Management Database Server Sizing Guide

The following sizes refer to a single instance of the project management database. Memory sizes do not include overhead required by the operating system, which typically adds 32 MB to the memory requirement and varies depending on the server version.

Oracle

File	Small	Medium	Large
Temp TBS	300 MB	500 MB	1,000 MB
RBS TBS	300 MB	500 MB	1,000 MB
Index TBS	250 MB	500 MB	1,000 MB
Data TBS	250 MB	500 MB	1,000 MB
Lob TBS	250 MB	500 MB	1,000 MB
Total	1,350 MB	2,500 MB	5,000 MB
RAM:	384 MB	512 MB	1024+MB

Microsoft SQL Server

File	Small	Medium	Large
Data	300 MB	500 MB	1,000 MB
Data Log	150 MB	250 MB	500 MB
Temp	100 MB	200 MB	275 MB
Temp Log	50 MB	100 MB	125 MB
Total	600 MB	1,050 MB	1,900 MB
RAM:	384 MB	512 MB	1024+MB

Methodology Management Database Server Sizing Guide

The following sizes refer to a single instance of the methodology management database. Memory sizes do not include overhead required by the operating system, which typically adds 32 MB to the memory requirement and varies depending on the server version.

Oracle

File	Recommended Size
Index TBS	250 MB
Data TBS	250 MB
Lob TBS	250 MB
Total	750 MB

Microsoft SQL Server

File	Recommended Size
Data	300 MB
Data Log	150 MB
Total	450 MB

Practical Product Limits

The following table summarizes various practical limits. Exceeding these limits can result in performance issues.

Element	Practical Limit
Number of activities assigned to a user within the user's specified activity timeframe	100
Number of activities per timesheet	100
Number of activities per project	100,000
Number of relationships per project	100,000