

System Requirements

SAS Profitability Management 1.3

This document provides the requirements for installing and running SAS Profitability Management 1.3 software. You must update your computer to meet these minimum requirements before running SAS Profitability Management. The requirements specified are:

- Server requirements – hardware and software
- Client requirements – hardware and software

For additional information, contact SAS Institute Technical Support. Sites in the U.S. and Canada may call (919) 677-8008. Other sites should contact their SAS Installation Representative or SAS Support Consultant for the nearest SAS Institute office.

Server Requirements

The number and size of models and their associated analysis cubes affects all factors of hardware-related performance. The applicability of a specific server platform is primarily dependent on data volumes. The minimum and preferred hardware platforms are estimations only. The minimum server configuration is required to operate the software and perform relatively small analyses. As data volumes increase, the processing times will increase as well. There may come a point where the server hardware must be upgraded for faster processing.

Server Hardware Requirements

	Minimum	Preferred
Hardware	<p>This configuration is recommended for small-size transaction tables (up to 10 million transaction rows per period) and up to ten report viewers.</p> <p>1) Unified Server (Windows, AIX, HP-UX Itanium, or Sparc Solaris): Two 2 GHz or more CPUs, 4 GB RAM, 200 GB of disk space (for models, transaction tables, and cubes)¹</p>	<p>This configuration is recommended for medium-size transaction tables (up to 100 million transaction rows per period) and up to 50 report viewers.²</p> <p>1) Web Server (Windows, AIX, HP/UX Itanium, or Sparc Solaris): Two 2 GHz or more CPUs, 4 GB RAM, 100 GB of disk space</p> <p>2) Metadata Server³ (Any): Two 2 GHz or more CPUs, 4 GB RAM, 100 GB of disk space</p> <p>3) Workspace Server, OLAP Server and Transaction Assignment Server (Windows, AIX, HP-UX Itanium, or Sparc Solaris): Four 2 GHz or more CPUs, 8 GB RAM, 800 GB of disk space (preferably with an enhanced hard disk subsystem)¹</p>

¹ Calculating OLAP fact tables and cubes may require hundreds of gigabytes of additional disk space in some cases. The disk space estimates provided represent typical usage. The actual amount of disk space used by any particular installation will vary based upon the types and number of analyses performed. Please consult your sales executive or technical support for more information.

²For larger transaction tables and/or a larger number of report viewers, please consult with SAS Technical Support.

³For typical installations, the metadata server will be a computer shared among all installed SAS applications. It is not necessary that this server be dedicated to SAS Profitability Management.

Unified Server Software Requirements

	Minimum	Preferred
Operating System	Windows 2000 Server SP3 Windows 2003 SP1 Server* IBM AIX 5 HP-UX Itanium Release 11i Solaris on SPARC Version 9 * Windows 2003 Server Enterprise Edition is required to utilize more than 4 processors	Windows 2003 SP2 Server* IBM AIX 5.3 HP-UX Itanium Release 11.23 Solaris on SPARC Version 10 *Windows 2003 Server Enterprise Edition is required to utilize more than 4 processors
SAS Components	Web OLAP Viewer for Java 3.1	Web OLAP Viewer for Java 3.1
SAS Servers	Base SAS 9.1.3 SP4 SAS Metadata Server 9.1.3 SP4 SAS Workspace Server 9.1.3 SP4 SAS OLAP Server 9.1.3 SP4	Base SAS 9.1.3 SP4 SAS Metadata Server 9.1.3 SP4 SAS Workspace Server 9.1.3 SP4 SAS OLAP Server 9.1.3 SP4
Java	Java 2 SDK 1.4.2_05 (on Windows) Java 2 SDK 1.4.2_05 (on Solaris) Java 2 SDK 1.4.2.10 (on HP-UX Itanium) Java 2 SDK 1.4.2.0 GA 32-bit (on AIX)	Java 2 SDK 1.4.2_15 (on Windows if no SAS Solution ⁴ is installed)
Java Servlet Container	Apache Tomcat 4.1	Apache Tomcat 4.1

⁴The SAS Solutions include but are not limited to SAS Financial Management and SAS Strategic Performance Management.

Web Server Software Requirements

	Minimum	Preferred
Operating System	Windows 2000 Server SP3 Windows 2003 SP1 Server* IBM AIX 5 HP-UX Itanium Release 11i Solaris on SPARC Version 9 * Windows 2003 Server Enterprise Edition is required to utilize more than 4 processors	Windows 2003 SP2 Server* IBM AIX 5.3 HP-UX Itanium Release 11.23 Solaris on SPARC Version 10 *Windows 2003 Server Enterprise Edition is required to utilize more than 4 processors
SAS Components	Web OLAP Viewer for Java 3.1	Web OLAP Viewer for Java 3.1
Java	Java 2 SDK 1.4.2_05 (on Windows) Java 2 SDK 1.4.2_05 (on Solaris) Java 2 SDK 1.4.2.10 (on HP-UX Itanium) Java 2 SDK 1.4.2.0 GA 32-bit (on AIX)	Java 2 SDK 1.4.2_15 (on Windows if no SAS Solution ⁵ is installed)
Web Server	Apache Tomcat 4.1	Apache Tomcat 4.1

⁵The SAS Solutions include but are not limited to SAS Financial Management and SAS Strategic Performance Management.

Metadata Server Software Requirements

	Minimum	Preferred
Operating System	Any SAS supported operating system	Any SAS supported operating system
SAS Servers	Base SAS 9.1.3 SP4 SAS Metadata Server 9.1.3 SP4	Base SAS 9.1.3 SP4 SAS Metadata Server 9.1.3 SP4
Java	JRE 1.4.2_09 (if SAS Management Console is installed)	JRE 1.4.2_09 (if SAS Management Console is installed)

Workspace Server, OLAP Server and Transaction Assignment Server Software Requirements

Due to the disk-intensive nature of OLAP and Transaction Assignment processing, this computer preferably should have an enhanced hard disk subsystem for greater data throughput.

	Minimum	Preferred
Operating System	Windows 2000 Server SP3 Windows 2003 SP1 Server * IBM AIX 5 HP-UX Itanium Release 11i Solaris on SPARC Version 9 * Windows 2003 Server Enterprise Edition is required to utilize more than 4 processors	Windows 2003 SP2 Server * IBM AIX 5.3 HP-UX Itanium Release 11.23 Solaris on SPARC Version 10 *Windows 2003 Server Enterprise Edition is required to utilize more than 4 processors
SAS Servers	Base SAS 9.1.3 SP4 SAS OLAP Server 9.1.3 SP4 SAS Workspace Server 9.1.3 SP4 SAS/ACCESS engine of choice (if hosting SAS Transaction Assignment Server)	Base SAS 9.1.3 SP4 SAS OLAP Server 9.1.3 SP4 SAS Workspace Server 9.1.3 SP4 SAS/ACCESS engine of choice (if hosting SAS Transaction Assignment Server)

Client Requirements

Hardware Requirements

	Minimum	Preferred
Processor	2.0 GHz	3.0 GHz
Memory	1 GB	2 GB
Hard Disk	4 GB available disk space with 2 GB available on System drive	4 GB available disk space with 2 GB available on System drive
Screen Resolution	1024 × 768 pixels screen area and High Color (16-bit) display	1280 × 1024 pixels screen area and True-Color 32-bit) display.

Software Requirements

	Minimum	Preferred
Operating System	Windows 2000 Professional SP3	Windows XP Professional SP2
Web Browser	Microsoft Internet Explorer 5.5 SP2	Microsoft Internet Explorer 6.0 SP2
Framework	Eclipse RCP 3.2 and Eclipse EPP 3.2	Eclipse RCP 3.2 and Eclipse EPP 3.2
Java	JRE 1.4.2_09	JRE 1.4.2_15

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