

# System Requirements

## SAS<sup>®</sup> Financial Management 5.1

### Overview

Before you install or run the SAS products described in this document, your system must be updated to meet the minimum requirements.

For information about the hardware required for the SAS Financial Management solution, please contact your account team who can work with a variety of SAS resources to determine the hardware configuration required to support your specific needs. The scope of this document does not include any hardware requirements and/or limitations that are associated with installing and running the SAS software.

### Server Tier

For information about the file sizes required for the server-tier software, please visit Install Center (<http://support.sas.com/installcenter>) and refer to the SAS 9.2 Foundation System Requirements document appropriate for the host.

### **Third-Party Software: MySQL**

The following third-party software is needed to complete the installation of the Server Tier:

- MySQL Pro 5.0.80 for Windows 32-bit and Windows 64-bit
- MySQL Pro 5.0.70 when using VMWare
- MySQL Connector/J 5.0.8, commercial version

If MySQL Pro is not included in your SAS software order, obtain a copy of the Connector/J jar and MySQL database from your MySQL representative.

### **SAS Financial Management Server Software**

**Hosts:** Microsoft Windows, Microsoft Windows for x64

**Hardware supported:** Intel/AMD x86 and x64

**Windows Operating Systems:**

- Windows Server 2003, Enterprise Edition
- Windows Server 2003, Standard x64 Edition, Service Pack 2

**Note:** *Microsoft Windows for x64 is the recommended host platform. Microsoft Windows 32-bit is not recommended for large scale environments such as those with over 300 concurrent users.*

**The following products are included in SAS Financial Management Server.** Unless explicitly licensed, use of this software is limited to SAS Financial Management Server.

- SAS Financial Management Server software
- Base SAS software
- SAS Integration Technologies software
- SAS Metadata Bridges, three of choice
- SAS OLAP Server software
- SAS Operation Planning software
- SAS Solutions Services Data Server software
- SAS Strategy Management Enterprise software
- SAS Table Server software
- SAS/ACCESS engine of choice
- SAS/ACCESS Interface to MySQL software
- SAS/ACCESS Interface to PC Files software
- SAS/CONNECT software
- SAS/GRAPH software
- SAS/SHARE software

In addition, SAS Financial Management Server has vertical products that are not included with SAS Foundation. For information about each product's specific requirements, please see its System Requirements document available from Install Center (<http://support.sas.com/idsearch?ct=200000>).

- SAS Financial Management Data-Tier
- SAS Metadata Bridges
- SAS Operational Planning for Financial Management Data-Tier
- SAS Solutions Services Data-Tier
- SAS Strategy Management Data-Tier

## Mid-Tier

### ***Third-Party Software***

The following third-party software is needed to complete the installation of the mid-tier. For information about the required versions, please see the Third Party Software Reference Web site at <http://support.sas.com/resources/thirdpartysupport/index.html> or refer to the pre-installation checklist described in the *QuickStart Guide* included with your software order.

### **Application Server**

SAS Financial Management requires the following application server:

#### **Oracle WebLogic 10.3.0**

This software can either be purchased from SAS or directly from Oracle. SAS Performance Management Solutions require this specific version of WebLogic. Other versions of Oracle WebLogic are not supported. Please contact SAS Technical Support with questions.

## Java Development Kit

For more information on JDK requirements, please visit this Web page:

<http://support.sas.com/resources/thirdpartysupport/v92m2/jdks.html>

Java 6 with the required update should be obtained from the [support.sas.com](http://support.sas.com) site referenced above or from the Sun Microsystems, Inc. support site.

## SAS Financial Management Mid-Tier

**Hosts:** Microsoft Windows, Microsoft Windows for x64

**Hardware supported:** Intel/AMD x86 and x64.

**Windows Operating Systems:**

- Windows Server 2003, Enterprise Edition
- Windows Server 2003, Standard x64 Edition, Service Pack 2

**Note:** *Microsoft Windows for x64 is the recommended host platform. Microsoft Windows 32-bit is not recommended for large scale environments such as those with over 300 concurrent users.*

The following products are included with this solution and should be installed on the mid-tier. For information about each product's specific requirements, please see its System Requirements document available from Install Center (<http://support.sas.com/idsearch?ct=200000>).

- SAS Financial Management Mid-Tier
- SAS Financial Management Web Data Entry
- SAS BI Dashboard
- SAS BI Portlets
- SAS Information Delivery Portal Web Application
- SAS OLAP Data and Compute Server Mid-Tier for Solutions
- SAS Solutions Services Mid-Tier
- SAS Strategic Performance Management Mid-Tier
- SAS Web OLAP Viewer for Java
- SAS Web Report Studio

## SAS OLAP Data and Compute Server Mid-Tier (Secondary Server)

### Third-Party Software

The following third-party software is needed to complete the installation of the mid-tier. For information about the required versions, please see the Third Party Software Reference Web site at <http://support.sas.com/resources/thirdpartysupport/index.html> or refer to the pre-installation checklist described in the *QuickStart Guide* included with your software order.

## Application Server

SAS Financial Management requires the following application server:

### Oracle WebLogic 10.3.0

This software can either be purchased from SAS or directly from Oracle. SAS Performance Management Solutions require this specific version of WebLogic. Other versions of Oracle WebLogic are not supported. Please contact SAS Technical Support with questions.

## Java Development Kit

For more information on JDK requirements, please see:

<http://support.sas.com/resources/thirdpartysupport/v92m2/jdks.html>

Java 6 with the required update should be obtained from the `support.sas.com` site referenced above or from the Sun Microsystems, Inc support site.

## SAS OLAP Data and Computer Server Mid-Tier (Secondary Server)

**Hosts:** Microsoft Windows, Microsoft Windows for x64

**Hardware supported:** Intel/AMD x86 and x64

**Windows Operating Systems:**

- Windows Server 2003, Enterprise Edition
- Windows Server 2003, Standard x64 Edition, Service Pack 2

*Note:* Microsoft Windows for x64 is the recommended host platform. Microsoft Windows 32-bit is not recommended for large scale environments such as those with over 300 concurrent users.

The following products are included with this solution and should be installed on the mid-tier. For information about each product's specific requirements, please see its System Requirements document available from Install Center (<http://support.sas.com/idsearch?ct=200000>).

- SAS Financial Management Web Data Entry
- SAS OLAP Data and Compute Server Mid-Tier for Solutions

## SAS Operational Planning Data Tier

### Third-Party Software

The following third-party software is needed to complete the installation of the SAS Operational Planning Data Tier:

### MySQL

- MySQL Pro 5.0.80 for Windows 32-bit and Windows 64-bit
- MySQL Pro 5.0.70 when using VMWare
- MySQL Connector/J 5.0.8, commercial version

If MySQL Pro is not included in your SAS software order, obtain a copy of the Connector/J jar and MySQL database from your MySQL representative.

## **SAS Operational Planning Data Tier**

**Hosts:** Microsoft Windows, Microsoft Windows for x64

**Hardware supported:** Intel/AMD x86 and x64.

### **Windows Operating Systems:**

- Windows Server 2003, Enterprise Edition
- Windows Server 2003, Standard x64 Edition, Service Pack 2

**Note:** *Microsoft Windows for x64 is the recommended host platform. Microsoft Windows 32-bit is not recommended for large scale environments such as those with over 300 concurrent users.*

The following products are included with this solution and should be installed on the SAS Operational Planning data tier. For information about each product's specific requirements, please see its System Requirements document available from Install Center (<http://support.sas.com/idsearch?ct=200000>).

- SAS Metadata Bridges
- SAS Operational Planning for Financial Management Data-Tier

## **Client Tier**

SAS Financial Management is a combination of a rich client, Excel Add-in on the client tier, and a Web application on the mid-tier. A Web browser may also be used on the client tier to view the Web application.

SAS 9.2 servers run on the data tier to provide metadata, data, and compute services. Advanced functionality is provided by a rich client on the client tier that is used to access additional functionality that runs on the web and back tier to provide metadata, data, and compute services.

## **Operating System and Hardware Requirements for Clients**

### **Hosts:**

- Microsoft Windows
- Microsoft Windows for x64

### **Hardware supported:**

Intel/AMD x86 and x64

1.8Ghz processor or faster

500MB RAM of available Physical Memory above what is normally utilized by applications such as e-mail, MS Office and web browsers.

### **Windows Operating Systems:**

- Microsoft Windows XP updated with Service Pack 2 or later (both 32-bit and x64-bit versions)
- Microsoft Windows Vista - Business, Enterprise, and Ultimate Editions (both 32-bit and x64-bit versions)

## **Product Requirements for Web Clients**

### **Web Browsers and Java Runtime Environment**

Java Runtime supported is JRE 5 Update 12 (Sun)

A Web browser with cookies and JavaScript enabled is required. The supported browsers are:

- Microsoft Internet Explorer, Version 6
- Microsoft Internet Explorer, Version 7

### **Client Products**

The following products are included with this solution and should be installed on the client tier. For information about each product's specific requirements, please see its System Requirements document available from Install Center (<http://support.sas.com/idsearch?ct=200000>).

- SAS Financial Management Studio
- SAS Financial Management Add-In for Microsoft Office
- SAS Add-In for Microsoft Office
- SAS Data Integration Studio
- SAS Enterprise Guide
- SAS ESRI Map Manager Plug-in for SAS Management Console
- SAS Information Map Studio
- SAS Management Console
- SAS Metadata Bridges for General Industry Standards
- SAS OLAP Cube Studio
- SAS OLAP Server Monitor
- SAS Solutions Dimension Editor
- SAS Solutions Services Add-in for Microsoft Office
- SAS Solutions SMC Plug-ins
- SAS Table Server Plug-ins for SAS Management Console

## **SAS AppDev Studio™**

Please see the SAS AppDev Studio system requirements for the latest information about its requirements.

*SAS and all other SAS Institute product or service names are registered trademarks or trademarks of SAS Institute Inc. in the USA and other countries. Other brand and product names are registered trademarks or trademarks of their respective companies.*

*® indicates USA registration.*

*Copyright © 2009 SAS Institute Inc., Cary, NC, USA. All rights reserved.*