

Sage MAS 90 ERP Version 4.40

Supported Platform Matrix

Revised as of February 16, 2010

The information in this document applies to Sage MAS 90 ERP Version 4.40. Detailed product update information and support policies can be found on the Sage Online Web site at: www.sagesoftwareonline.com

This document is intended to cover all information regarding the compatibility of various operating systems with Sage MAS 90 as of February 16, 2010. Any operating system not listed should be considered *incompatible*.

Note: It is critical that before and during an installation, this document is thoroughly reviewed, along with the *Sage MAS 90 Installation and System Administrator's Guide* and other documents found by clicking the Installation Information link of the main Sage MAS 90 and 200 Support Web page. This Web page can be found on the Sage Online Web site at www.sagesoftwareonline.com. If development partner or Extended Solutions customizations or modifications have been made to your Sage MAS 90 software, coordinate with your Sage business partner and your development partner before installing Sage MAS 90.

For information about integrated solutions compatibility, refer to the Integrated Solutions Compatibility Matrix on the Sage Online Web site at: www.sagesoftwareonline.com. Web site content can change at any time. Sage has no control over, and cannot be responsible for, the content of other companies' Web sites.

If your platform is not listed in the matrices below, it is not supported.

Supported Workstations	Remarks
The following information applies to all standalone (single user) workstations, peer-to-peer workstations, and client workstations attached to Windows servers, unless indicated otherwise.	
Peer-to-Peer Networks: In a peer-to-peer network where the computer acting as the file server is not dedicated, only 2 concurrent user seat accesses will be supported. If the computer acting as the file server is a dedicated machine, a 5 concurrent user maximum is allowed.	
Windows 7 (32-bit)	Notes: <ul style="list-style-type: none"> ▪ Windows 7 compatibility testing is currently in process for Sage MAS 90 and 200. We expect compatibility information to be published by the end of March 2010.
Windows Vista (32-bit) Service Pack 2	Notes: <ul style="list-style-type: none"> ▪ Only Windows Vista Business, Enterprise, and Ultimate are supported. Not Supported <ul style="list-style-type: none"> ▪ Windows Vista peer-to-peer networks are not supported. ▪ Windows Vista Home Basic and Windows Vista Home Premium editions are not supported.
Windows XP Professional Service Pack 2-3	
Windows XP Tablet PC Edition Service Pack 2-3	

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Microsoft Dedicated Servers	Defined as operating system software specifically designed to be used as a network server (not peer-to-peer).
Supported Servers	Remarks
<p>Windows Server 2008 (32 and 64-bit) Standard and Enterprise Service Pack 2</p> <p>Windows Server 2008 R2 (64-bit)</p> <p>Windows Small Business Server 2008 (32-bit and 64-bit) Standard and Premium</p> <hr/> <p>Windows Server 2003 (32-bit) Standard and Enterprise Service Pack 2</p> <p>Windows Server 2003 R2 (32-bit) Service Pack 2</p> <p>Windows Small Business Server 2003 R2 (32-bit) Service Pack 2</p>	<p>Notes</p> <ul style="list-style-type: none"> ▪ Sage MAS 90 will run on a Windows Server 2008 64-bit server in 32-bit compatibility mode. ▪ Sage MAS 90 can be installed to the Windows Server 2008 64-bit Programs folder for 32-bit applications (C:\Program Files (x86)), or to any user defined folder. The Installation Wizard defaults to the C:\Sage Software folder. ▪ If e-Business Manager is installed, the ISAPI Plug-in must be installed manually for new Sage MAS 90 installations. ▪ If a Windows Server 2008 64-bit server is to be used as the IIS Server to connect to Sage's e-Business Web Engine, the Application Pool specified for the Web site must have True selected for the Enable 32-bit Applications option. ▪ The Fax Server Role is supported only for Windows Server 2008 32-bit. ▪ Workstations from remote sites are supported only through Terminal Services or Citrix. Running Sage MAS 90 over a Virtual Private Network (VPN) and/or Wide Area Network (WAN) or through any other remote means is not supported. ▪ The eBusiness Web Services service can only be installed on a Windows Server platform, such as Windows Server 2003 or 2008. For more information, see the <i>eBusiness Web Services Installation and Reference Guide</i> found by clicking the Documentation link of the Sage MAS 90 and 200 autorun window. <p>Recommendations</p> <ul style="list-style-type: none"> ▪ Sage MAS 90 should be installed on its own dedicated server. For optimum performance, other applications or services such as e-mail, IIS, or Fax that are not essential to the operating system should be installed on a separate server. ▪ Due to unresolved issues with the NWLink IPX/SPX protocol, avoid using this protocol unless necessary. Refer to the Microsoft's Knowledge Base article 161080 at support.microsoft.com for more information. <p>Not Supported</p> <ul style="list-style-type: none"> ▪ Service Pack 1 on Windows Server 2003 is not supported. ▪ Using a server operating system as a Sage MAS 90 workstation is not supported (not even as a client to another server). ▪ Sage MAS 90 is not designed for any version of Windows Datacenter Server and is not supported on this platform. ▪ Windows Server 2003 R2 64-bit is not supported with Sage MAS 90. ▪ 64-bit Terminal Services or Citrix is not supported.
<p>Virtual Servers</p>	<ul style="list-style-type: none"> ▪ For more information, see Virtualization with Sage MAS 90, 200 and 500.

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Terminal Services/Citrix	
Supported Servers	Remarks
<p>Windows Server 2008 (32-bit) Terminal Services Service Pack 2</p> <p>Windows Server 2003 (32-bit) Terminal Services Service Pack 2</p> <p>Citrix Presentation Server 4.5</p> <p>Citrix XenApp 5.0</p>	<p>Notes</p> <ul style="list-style-type: none"> ▪ Terminal Services or Citrix must be installed on a supported version of Windows Server, such as version 2003 or 2008. ▪ Windows thin clients are supported with Terminal Services and Citrix. For more information, refer to www.microsoft.com ▪ For more information on Terminal Services/Citrix, see the Miscellaneous Notes section in this document. <p>Recommendations</p> <ul style="list-style-type: none"> ▪ Sage MAS 90 can be installed on the same server as Terminal Services or Citrix, or on a separate server. If Sage MAS 90 is installed on a separate server from the Terminal Services/Citrix server, use 100 Mbps or better network components to connect the two servers. <p>Not Supported</p> <ul style="list-style-type: none"> ▪ Service Pack 1 for Windows Server 2003 is not supported. ▪ 64-bit Terminal Services or Citrix is not supported.

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Miscellaneous Notes

1. When installing Sage MAS 90 Version 4.40 on a Windows Vista system, you should install to a location **other than** the C:\Program Files folder (for example, C:\Sage Software).
2. Antivirus software on your workstations and server should be configured to exclude files with the extensions SOA, LIB, M4T, M4L, DD, DDE, and DDF. If anti-virus software is configured to scan compressed CAB files, performance issues *may* occur. You *may* want to exclude scanning of CAB files and network drives. Also, in general, it is recommended to not have \mas90*. * files on the server scanned simultaneously by multiple instances of anti-virus software. Desktop/home versions of anti-virus software that are not supported by the publisher for business use are also not supported by Sage. Also, desktop/home versions typically have less configurable options (such as exclusion of file extensions over the network) for tuning the automatic, background, memory resident scans.
3. If you are using Symantec AntiVirus Corporate or Enterprise Edition, **review** Resolution ID 415534 in the Sage InfoSource Knowledgebase.
4. Verify that you install the correct driver for your network adapter card (NIC), and use only high quality cards. Using an incompatible or outdated driver or a low-quality card can cause serious data corruption issues.
5. Always run Workstation Setup after installing, re-installing, or upgrading the Windows operating system, and verify that the Windows printers in Control Panel > Printers are still operational.
6. Verify that all hardware involved in running Sage MAS 90 is on your operating system vendor's Hardware Compatibility List. Incompatible hardware can cause severe data corruption. For more information, refer to the Microsoft Hardware Compatibility List at: www.microsoft.com/whdc/hcl/default.mspx
7. The e-Business Manager module may have additional separate program fixes for the Web Engine. You should apply the latest Web Engine bundle. For the latest program updates, go to the Sage Online Web site at: www.sagesoftwareonline.com

If third-party enhancements are installed, always contact your development partner to verify compatibility before installing any updates. Also note that some program fixes are specifically excluded from the program fix collection and should be installed only if you are experiencing the problem they address.
8. The eBusiness Web Services service can only be installed on a Windows Server platform, such as Windows Server 2003 or 2008. For more information, see the *eBusiness Web Services Installation and Reference Guide* found by clicking the Documentation link of the Sage MAS 90 and 200 autorun window.
9. Always validate compatibility of Extended Solutions and development partner enhancements before upgrading.
10. Sage is committed to supporting future Microsoft operating systems as they are released to market for all Sage MAS 90 modules; however, Sage does not support beta-level operating systems. As new operating system levels are scheduled for general release, Sage will verify their compatibility, and this document will be updated when Sage's evaluations are completed.
11. For more information about performance, log onto the Sage Online Web site at www.sagesoftwareonline.com, and then search for the following Knowledge Base article. Type "Slow Performance in MAS 90, MAS 200, MAS 200 SQL", and then select "Slow Performance when running MAS 90 Version 4.0 across a network" from the Select Symptom results list.
12. Wireless local area networks (WLANs) are not recommended for desktop or laptop connections, because using a wireless LAN may result in dropped packets and lost connections.
13. The Microsoft Fax Services feature provided with Windows Server 2003 and 2008, Windows XP, and Windows Vista is supported for Paperless Office and batch faxing. For more information, refer to the Integrated Solutions Compatibility Matrix on the Sage Online Web site at: www.sagesoftwareonline.com

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Recommended Minimum System Configuration			
	Recommended Minimum ¹		
Single User/Client Workstation	Processor	Physical Memory (RAM)	Available Memory (RAM) ²
Workstation (client) operating system versions not listed in this document will not be supported with Sage MAS 90 version 4.40.			
Windows XP Professional	Intel Pentium 4 class 1.8 GHz	1 GB	512 MB
Windows XP Tablet PC Edition	Intel Pentium class	1 GB	512 MB
Windows Vista (Business, Enterprise, and Ultimate editions)	Intel Core 2 Duo	2 GB	512 MB
Network Bandwidth (for multi-user systems)	Recommended Minimum		
	100 Base-T – 100 Mbps at Full Duplex		

¹ The recommended minimum is designed to ensure the systems used for Sage MAS 90 are capable of providing adequate performance with a standard complement of normally installed applications, such as virus protection software.

² Regardless of the recommended minimum specified above, users should check the available memory on the workstation prior to installing Sage MAS 90 and use the Windows Task Manager to check the Available Physical Memory on the Performance tab. A minimum of 256 MB of physical RAM should be available to Sage MAS 90 when all other applications that will be used with Sage MAS 90 are loaded. A minimum of 512 MB of RAM should be available if using Windows Vista. Sage cannot guarantee acceptable performance when running Sage MAS 90 concurrently with other applications that consume system resources required for Sage MAS 90 to perform at an optimum level.

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Recommended Minimum System Configuration		
	Recommended Minimum ¹	
Terminal Services and Citrix	Processor	Memory (RAM)
Windows Server 2003 Terminal Services Windows 2008 Terminal Services Citrix Presentation Server 4.5 Citrix XenApp 5.0	Intel Pentium 4 class 1.8 GHz Dual-core processor or better recommended	Recommended minimum and as required by Terminal Services or Citrix, plus 128 MB per concurrent user ³
	Recommended Minimum ¹	
Supported Servers	Processor	Memory (RAM)
Windows XP Professional (peer-to-peer) (Five users maximum if the server is dedicated.) Windows Server 2003 Windows Server 2003 R2 (32-bit) Windows Small Business Server 2003 (32-bit)	Intel Pentium 4 class 1.8 GHz Dual processor recommended	1 GB + 4-6 MB per concurrent user
Windows Server 2008 Standard (32 and 64-bit) Windows Server 2008 Enterprise (32 and 64-bit)	Intel Pentium 4 class 2.4 GHz Dual processor recommended	2 GB + 4-6 MB per concurrent user

³ 128 MB is based on an average of three concurrent tasks per user (Sage MAS 90 Desktop plus two additional tasks, such as Sales Order Entry or Customer Maintenance). Averages of more than three concurrent tasks per user will require additional RAM.