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| Datasheet Number & Version | SYS121 Ver24 |
| Based on Software Build No. | 12.7.2124.15657 |
| Function | V12 Requirements |
| Module(s) | Client |
| Datasheet Name | System Requirements |

All new procedures and processes should be checked in a 'Test' environment before being applied to the 'Live' business system.

SYSTEM REQUIREMENTS

1. SAPMAN v12 (with Sage 50 and 200)

Please note that the recommendations listed below are subject to change and are provided to give an early indication of server requirements. The server recommendations are based around an en-premises server running Microsoft SQL Server and the above Financials. Should the server be running any other software, or have other devices connecting to it then the specification will need to be adjusted to match those demands. Larger data sets or higher transactional volumes will also require appropriate adjustments to the specification.

1.1 Supported Server Operating systems & Microsoft SQL Server edition

From **Windows Server 2016** (Standard, Datacentre, Enterprise) onwards.
(Latest version recommended)

From **SQL Server 2016** (Including Express) onwards.
(Latest version recommended)

Note that SQL Server Express versions only have a 10GB limit per database.
(This includes SQL Version 2019)

Microsoft .NET Framework 3.5 is required to run Sapman v12 on the server.

Microsoft .NET Framework 4.7 or above is also required to run Sapman v12 on the server.

NOTES

The following Operating Systems are not supported:

- Windows NT4 (irrespective of service pack)
- Novell Netware (any version)
- Linux (any derivative)
- Windows 2000 (any version)

1.2 Minimum Server Hardware requirements

Please note that the following is based on a windows server product also running SQL Server 2016 or higher (Standard Edition) – additional services (such as Terminal Services, Exchange, IIS, etc.) will require additional resources.

Hardware specification is given in order to provide optimum performance. Specification is flexible, but may provide a different experience.



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Up to 10 users:

Processor: 2-core 2+ GHz Intel compatible

Memory: 16GB RAM

Hard disk: 500 GB

11 to 20 users:

Processor: 4-core 3+ GHz Intel compatible

Memory: 32GB RAM

Hard disk: 1TB

20+ users:

Processor: High Performance Multi Core CPU

Memory: 64GB RAM

Hard disk: 2TB+

NOTES

1. MS SQL Server Standard Edition is priced depending on number of CPU Cores.
2. Hard disk capacity is given as a guide only. Larger capacity disks may be required in some scenarios.

1.3 Network

The operating system must be running on a 100Mb TCP/IP based network. This can be achieved by utilisation of a standard TCP/IP based Microsoft network. A 1Gb network will improve the user experience of Sapman V12.

1.4 System Backup

Backup software and hardware will be required to suit the hard disk size. The following directories must be backed up on a daily basis, as a minimum:

- SQL backup utility to backup all Sapman company databases daily
- Backup shared component directories (normally located on shared Sage drive)
- Backup CD dir (normally located on shared Sage drive)

NOTES

1. If using Reporting Services and Internet Information Services (IIS) please refer to the backup strategy in the relevant product documentation.



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1.5 Remote Connectivity

Customers must provide a means of remote access to enable Support to access their systems. **With Sapman version 12 it is essential to provide remote access to all machines running the software.** The following methods are commonly used

- VPN services (PPTP or L2PT/IPSEC) to connect to LAN then connection to server hosting SMS Sapman using the following for example
 - Terminal services (recommended)
 - VNC

All of the above would operate over a Broadband connection with an absolute minimum bandwidth of 2Mb/s.

Once connected to a customer network Support requires access to the desktop of all machines running Sapman. This can be achieved via Windows' inbuilt remote desktop.

Customers are also welcome to use a web based remote access system instead of the above methods. There are several systems available including TeamViewer, LogMeIn, Go to My PC and Go To Meeting amongst others.

NOTES

1. Filtering incoming connections based on IP address may provide additional security.
2. When supporting sites remotely it is essential that we have the ability to transfer files. SMS use an FTP server to provide this functionality. Please make sure that the FTP traffic is not blocked from the server hosting SMS/Sage.

1.6 Clients

An IBM compatible Intel Core i3 (minimum), Intel Core i5, i7 (recommended) (2.0 GHz or greater) or i9 is required running one of the operating systems listed below. At least 8GB of RAM is required, and a hard disk with at least 20 GB of free disk space after Windows has been installed. Widescreen monitor is recommended. Multiple core processors with increased clock speed are recommended and will provide performance benefits.

Supported Operating Systems



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- Windows 10

Microsoft .NET Framework 3.5 is required to run Sapman v12 on the client PC.
Microsoft .NET Framework 4.7 or above is also required to run Sapman v12 on the client PC.

Windows Authentication is recommended for user authentication with Sapman v12. For this reason, home editions of the above operating systems are not recommended. Mixed mode or SQL Authentication are supported.

The following Operating Systems are not supported

- Windows 95
- Windows 98
- Windows ME
- Windows 2000
- Windows XP (Any Version)
- Vista
- Windows 7
- Windows 8
- Linux (any derivative)
- Chrome OS

Note !! Increased CPU clock speed and additional RAM will improve the performance of the system.

1.7 Microsoft Office Software

Sapman V12 provides integration with Microsoft Office 2010 and above and Microsoft Office 365.

Integration with earlier versions (for example Office 2007) *may* function correctly will not be supported by SMS.

Note: Office Integration may not work correctly when using the Remote Application feature of Windows Server.

ACKNOWLEDGEMENTS

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