MBS Suggested Minimum Hardware Configurations

Hardware and software development continues at a very rapid pace. Machines are continually becoming faster and more capable. New software persistently consumes the added capability of the hardware. Thus, all specifications provided here are subject to change and are not intended to be a complete listing of all acceptable components, merely acceptable standards. **Components marked with an asterisk (*) are not negotiable and are required components**.

Nexus may operate successfully on less powerful hardware, but it will be slower**. Installation of MBS software or use of MBS cloud services on non-supported configurations can result in errors, delays in operation and, in some cases, software failure. Do so at your own risk.** MBS is not responsible for your hardware selection and support. In any case, hardware choices change frequently, and we may yet lag behind the latest offerings from hardware vendors and software publishers.

Software Installations
The following requirements apply when MBS software is installed on a client's hardware. For MBS cloud services, see the next section below.

Stand-alone Installation or Workstations in Network
Intel/AMD CPU 3.0 Ghz or multi-core processor
4 GB RAM
20 GB hard drive
DVD ROM
*Monitor & video card that support minimum 1024x768 resolution
UPS power backup
*Operating System Windows 10 Professional/Enterprise, Windows 8 Professional/Enterprise, Windows 7 Professional/Enterprise/Ultimate
           32-bit and 64-bit versions of Windows are supported
           *Earlier versions and other editions (Home, Basic, etc.) of Windows are NOT supported
*Internet Explorer 11

Network Installation: Server
Intel/AMD CPU 3.0 Ghz or multi-core processor
4 GB RAM
100 GB hard drive
DVD ROM
*Monitor & video card that support minimum 1024x768 resolution
UPS power backup 700 watt smart UPS
*Operating System Windows Server 2019, 2016, 2012 R2, 2012, 2008 R2, 2008 (32 & 64 bit)

*100-Base or Gigabit Ethernet network interface card in attached workstations and servers
*100-Base or Gigabit hub or switch
*Peer-to-peer and wireless networks are NOT supported and may cause data corruption

Database Server
MBS software includes Microsoft SQL Server 2014 Express, which will meet the needs of most clients.
Clients can also choose to use their own SQL Server licenses. The following versions are supported: SQL Server 2017, 2016, 2014, 2012, 2008 R2, 2008.
*MBS software will NOT function on earlier versions of SQL Server.

Other Requirements
*Internet   High-speed connection (Fiber, Cable, DSL, etc.)
*Comm. Software   Remote access software (Remote Desktop, Terminal Server, join.me, etc.)
*System Backup   Online backup or tape/disk subsystem with appropriate software and training
*Printer(s)   Any Windows supported laser or inkjet

Wide Area Network (WAN) Installations
In addition to the above mentioned components,
*Microsoft Remote Desktop Services (Terminal Server) or Citrix
*High-speed connection (T1, Cable, DSL, etc.)
*Minimum 4 GB RAM
*IT personnel are responsible for optimizing hardware configuration, but as a guideline, we recommend 1 CPU Core and 1 GB RAM per each 4 users simultaneously running our software on the server.
*Data files should NOT be accessed directly over WAN or VPN, as it will likely lead to data corruption

Cloud Services
The following requirements apply when using MBS cloud services. For software that is installed on a client's hardware, see the previous section above.

Desktop Applications
Desktop applications are designed for keyboard & mouse and are accessed using Remote Desktop/RemoteApp.

Intel/AMD CPU 3.0 Ghz or multi-core processor
4 GB RAM
20 GB hard drive
*Monitor & video card that support minimum 1024x768 resolution
PC Operating System   *Windows 10, Windows 8, Windows 7
                       32-bit and 64-bit versions of Windows are supported
                       Earlier versions of Windows are NOT supported
Apple Macintosh   The latest version of macOS
                       For the best experience, as PC running Windows is recommended.

Web Applications
The Nexus Web application is supported on the following devices and web browsers:

Desktop/Laptop Computers

- Windows 7 or higher with the latest version of Chrome, FireFox, or Edge. Internet Explorer is NOT supported.
- The latest version of macOS with the latest version of Chrome, FireFox, or Safari.

Tablets

- iPad (recent versions) with the latest version of Safari.
- Windows 10 tablets with the latest version of Chrome, FireFox, or Edge. Internet Explorer is NOT supported.
- Android tablets (recent versions) with the latest version of Chrome.

Mobile

- iPhone (recent versions) with the latest version of Safari.
- Android phones (recent versions) with the latest version of Chrome.

*MBS cannot guarantee compatibility with every device, especially older versions. If you encounter a problem with a specific device or browser, please let us know.

Other Requirements
*Internet/Network High-speed internet connection (Fiber, Cable, DSL, etc.) accessed via wired network, Wi-Fi, or 4G
                   Poor internet/network connectivity may adversely affect experience
*Printer(s)   Any Windows supported laser or inkjet

Please check with us before investing in new hardware or software that would impact the operation of the software you purchased from us. We will be glad to inform you of positive or negative feedback we have received from other clients or our own in-house testing.

Updated 07.12.19

Read and Agreed Upon: Date:_____

Name:_____Company:_____