



## Vision Server Requirements:

The configurations described below are for the server hosting the Vision MS database. The number of user's column indicates how many Client computers will be connecting to this server. A client is a computer running Vision MS that is connected, via a network, to the database located on the server.

1-20 users	Minimal Requirements:	VisionIT Recommended:
<b>Operating System:</b>	Windows Server 2012 R2 64 bit*	Windows Server 2019 64 bit*
<b>Processor (CPU):</b>	Intel Bronze - 2.0+ GHz	Intel Silver - 2.0+ GHz
<b>Memory (RAM):</b>	16 GB	32 GB
<b>Hard Drive:</b>	2 x 1 TB SATA HDD	2 x 160+ GB SSD HDD (Host OS) 2 x 250 GB SSD HDD (SQL Server) 2 x 1 TB GB SAS/SSD HDD (SQL Data)
<b>Network (NIC):</b>	Gigabit	Gigabit
<b>Environment:</b>	Physical	Virtual Machine
<b>RAID:</b>	RAID 1**	RAID 1/10**
* Microsoft Windows Server 2003, 2008, 2008 R2 & Small Business Server/Essentials 2003/2008/2011/2019 or 32bit OS's are not supported. ** We do not recommend RAID5 arrays.		

21+ users	Minimal Requirements:	VisionIT Recommended:
<b>Operating System:</b>	Windows Server 2012 R2 64 bit*	Windows Server 2019 64 bit*
<b>Processor (CPU):</b>	2 x Intel Bronze - 2.0+ GHz	2 x Intel Silver - 2.0+ GHz
<b>Memory (RAM):</b>	32 GB	64 GB
<b>Hard Drive:</b>	2 x 1 TB SAS HDD	2 x 160+ GB SSD HDD (Host OS) 2 x 250 GB SSD HDD (SQL Server) 2 x 1 TB GB SAS/SSD HDD (SQL Data)
<b>Network (NIC):</b>	Gigabit	Gigabit
<b>Environment:</b>	Physical	Virtual Machine
<b>RAID:</b>	RAID 1**	RAID 1/10**
* Microsoft Windows Server 2003, 2008, 2008 R2 & Small Business Server/Essentials 2003/2008/2011/2019 or 32bit OS's are not supported. ** We do not recommend RAID5 arrays.		

## Server (SQL Server Software):

Vision Software requires Microsoft SQL Server for the backend database. Below are our recommendations for SQL Server. We provide SQL licensing for government agencies that have not purchased SQL Server and user Client Access Licenses (CAL's) for their server.

	Minimal Requirements:	VisionIT Recommended:
<b>MS SQL Server:</b>	Microsoft SQL Server 2016 Standard*	Microsoft SQL Server 2017 Standard*
<b>MS SQL CAL:</b>	1 license per user*	1 license per user*
<b>OS Supported:</b>	Windows 10 Pro	Windows 10 Pro - Server 2012 R2
* SQL Reporting Services is Required – Cannot be installed on a Domain Controller		
* Contact Vision IT for Government SQL Licensing. 509-491-3960 / <a href="mailto:help@visionms.net">help@visionms.net</a>		

## Backup Solution (Server):

Backups are the last thing everyone thinks about when implementing new software. We at Vision not only recommend backup solutions for a Server running our Vision Software but for any Windows PC or Server in your environment.

	Minimal Requirements:	VisionIT Recommended:
<b>Backup Type:</b>	Windows Imaged Based Backup	Vision Backup Solution for Microsoft OS's*
<b>Schedule:</b>	Daily	Daily
<b>Media:</b>	3TB USB 3.0 Backup Drive Online Backup Solution	3 x 3TB USB 3.0 Backup Drives in Rotation Online Backup Solution
<b>SQL:</b>	Hourly Microsoft SQL Instance Backups	Hourly Microsoft SQL Instance Backups
* Contact Vision IT for a Backup Solution you can rely on! 509-491-3960 / <a href="mailto:help@visionms.net">help@visionms.net</a>		

## Workstation (Client):

The configuration detailed below is for a Client computer. A client is a computer running Vision Software Apps but connected to a database located on another computer (the Server computer, note these are minimum recommendations).

	Minimal Requirements:	VisionIT Recommended:
<b>Operating System:</b>	Windows 10 Professional 64 bit*	Windows 10 Professional 64 bit*
<b>Processor (CPU):</b>	Intel I5/I7 Generation 1 - 2.4GHz**	Intel I5/I7 Generation 4+ - 3.2+ GHz**
<b>Memory (RAM):</b>	8 GB	8-16 GB
<b>Hard Drive:</b>	160 GB SATA HDD	160+ GB SSD HDD
<b>Network (NIC):</b>	Gigabit	Gigabit
<b>Screen Resolution:</b>	1024 x 768	1280 x 1024 or greater
* Microsoft Windows Home Versions are not supported.		
* Intel I3 Processors are not supported.		