



Software System Requirements

# Contents

- Local Server/Client Hardware Requirements ..... 1
  - Server Requirements for 1 to 10 users ..... 1
  - Server Requirements for 10 to 25 users ..... 1
  - Server Requirements for 25 to 50 users ..... 2
  - Server Requirements for 50 to 100 users ..... 2
  - Server Requirements for 100+ users ..... 3
  - Workstation Requirements ..... 3
  - Component Requirements | Server & Workstation ..... 4
  
- Operating System Requirements ..... 4
  - Operating Systems ..... 4
  
- Peripheral Requirements ..... 5
  - Printers ..... 5
  - Scanners ..... 6
  - Monitors & Resolution ..... 6
  - Mobile Devices ..... 7
  - Internet & Network Connectivity ..... 7
  - Backup ..... 7

## Local Server/Client Hardware Requirements

**PLEASE NOTE-** The specifications listed below on the left, are minimum system requirements only. For optimum performance please refer to the recommended specifications in the right hand column.

### Server Requirements for 1 to 10 users

	<b>Minimum</b>	<b>Recommended</b>
Processor	Pentium 4 or higher <i>(processor speed will vary based on office needs)</i>	Intel Dual Core or higher <i>(processor speed will vary based on office needs)</i>
Storage	80 GB EIDE   7200 RPM	250 GB SATA   7200 RPM   RAID 1 or 5
Memory	2 GB RAM	4 GB RAM
Operating System	<ul style="list-style-type: none"> <li>Windows Vista Small Business/Ultimate</li> <li>Windows 7 Professional/Ultimate</li> <li>Windows Professional 8 / 8.1   32/64 bit</li> </ul>	<ul style="list-style-type: none"> <li>Windows Server 2008 R2   64 bit</li> <li>Windows Server 2012 R2   64 bit</li> <li>Windows Small Business Server 2008/2011/2012</li> <li>Windows 8 / 8.1 Professional 64</li> </ul>

### Server Requirements for 10 to 25 users

	<b>Minimum</b>	<b>Recommended</b>
Processor	Pentium 4 with 3.0 Ghz or higher <i>(processor speed will vary based on office needs)</i>	Intel Dual Core or higher <i>(processor speed will vary based on office needs)</i>
Storage	250 GB EIDE   7200 RPM	250 GB SATA   7200 RPM   RAID 1 or 5
Memory	4 GB RAM <i>(Amount of RAM varies based on number of workstations and other server tasks)</i>	6 GB RAM <i>(Amount of RAM varies based on number of workstations and other server tasks)</i>
Operating System	<ul style="list-style-type: none"> <li>Windows Server 2008   32\64 bit</li> <li>Windows Server 2012   64 bit</li> <li>Windows Small Business Server 2008/2011</li> </ul>	<ul style="list-style-type: none"> <li>Windows Server 2008 R2   64 bit</li> <li>Windows Server 2012 R2   64 bit</li> <li>Windows Small Business Server 2008/2011</li> </ul>

**FOR LARGER NETWORKS:** For high availability, virtualization technology and Storage Area Networks are highly recommended by My Vision Express. It is also recommended that clients with a **large number of users** install and maintain a **redundant/test server** in their environment. This server can be utilized for beta testing software upgrades prior to installation on the production server, in addition to serving as a redundant server in case the main production server is unavailable.

### Server Requirements for 25 to 50 users

	<b>Minimum</b>	<b>Recommended</b>
Processor	Intel Dual Core or higher <i>(processor speed will vary based on office needs)</i>	Intel Quad Core or higher <i>(processor speed will vary based on office needs)</i>
Storage	250GB EIDE   7200 RPM	500GB SATA   7200 RPM   RAID 5
Memory	2 GB RAM	4 GB RAM
Operating System	<ul style="list-style-type: none"> <li>• Windows Server 2008   32/64 bit</li> <li>• Windows Server 2012   64 bit</li> <li>• Windows Small Business Server 2008/2011</li> </ul>	<ul style="list-style-type: none"> <li>• Windows Server 2008   64 bit</li> <li>• Windows Server 2012 R2   64 bit</li> <li>• Windows Small Business Server 2008/2011</li> </ul>

### Server Requirements for 50 to 100 users

	<b>Minimum</b>	<b>Recommended</b>
Processor	Intel Dual Core or higher <i>(processor speed will vary based on office needs)</i>	Intel Quad Core or higher <i>(processor speed will vary based on office needs)</i>
Storage	1TB EIDE   7200 RPM	2TB SATA   7200 RPM   RAID 5
Memory	8 GB RAM	12 GB RAM
Operating System	<ul style="list-style-type: none"> <li>• Windows Server 2008   32/64 bit</li> <li>• Windows Server 2012   64 bit</li> <li>• Windows Small Business Server 2008/2011</li> </ul>	<ul style="list-style-type: none"> <li>• Windows Server 2008 R2   64 bit</li> <li>• Windows Server 2012 R2   64 bit</li> <li>• Windows Small Business Server 2008/2011</li> <li>• <u>A Redundant/Test Server</u></li> </ul>

## Server Requirements for 100+ users

	<b>Minimum</b>	<b>Recommended</b>
Processor	Intel Dual Core or higher <i>(processor speed will vary based on office needs)</i>	Intel Xeon Dual/Quad Core or higher <i>(processor speed will vary based on office needs)</i>
Storage	2TB EIDE   7200 RPM	3TB SATA   7200 RPM   RAID 5
Memory	12 GB RAM	16 GB RAM
Operating System	<ul style="list-style-type: none"> <li>• Windows Server 2008   32/64 bit</li> <li>• Windows Server 2012   64 bit</li> <li>• Windows Small Business Server 2008/2011</li> </ul>	<ul style="list-style-type: none"> <li>• Windows Server 2008 R2   64 bit</li> <li>• Windows Server 2012 R2   64 bit</li> <li>• Windows Small Business Server 2008/2011</li> </ul>

## Workstation Requirements

	<b>Minimum</b>	<b>Recommended</b>
Processor	Intel Pentium 4 or higher <i>(processor speed will vary based on office needs)</i>	Intel Dual Core or higher <i>(processor speed will vary based on office needs)</i>
Storage	40GB EIDE   7200 RPM <i>(based on office needs)</i>	80GB SATA <i>(based on office needs)</i>
Memory	1 GB SDRAM <i>(requirements may vary based on number of tasks and applications)</i>	2 GB or Higher SDRAM <i>(requirements may vary based on number of tasks and applications)</i>
Operating System	<ul style="list-style-type: none"> <li>• Windows Vista Small Business/Ultimate</li> <li>• Windows 7 Professional/Ultimate</li> <li>• Windows 8 or 8.1 32 bit</li> </ul>	<ul style="list-style-type: none"> <li>• Windows Vista Small Business/Ultimate</li> <li>• Windows 7 Professional/Ultimate</li> <li>• Windows 8 or 8.1 Professional 64 bit</li> </ul>

## Component Requirements | Server & Workstation

	<b>Minimum</b>	<b>Recommended</b>
Display	SXGA Adapter 1280 x 1024 or higher with minimum 16 bit Colors	SXGA Adapter 1280 x 1024 or higher with minimum 16 bit Colors
Network	100 Mbps Ethernet Network Interface Card (or wireless equivalent)	1000 Mbps Ethernet Network Interface Card (or wireless equivalent)
Removable Storage	48X CD-RW or 16X DVD-RW Server   48X CD-ROM Workstation	48X CD-RW or 16X DVD-RW Server   48X CD-ROM Workstation

## Operating System Requirements

### Operating Systems

The My Vision Express EHR/EMR program requires a windows environment for native installation and is compatible with the following operating systems:

Enterprise	Personal
<ul style="list-style-type: none"> <li>• Windows Server 2008</li> <li>• Windows Small Business Server 2008/2011</li> <li>• Windows Server 2012 R2</li> </ul>	<ul style="list-style-type: none"> <li>• Windows Vista   Business &amp; Ultimate 32/64</li> <li>• Windows 7   Home, Professional &amp; Ultimate 32/64</li> <li>• Windows 8 or 8.1   Home &amp; Professional 32/64</li> </ul>

\* Due to various issues with the Windows Vista Operating System we recommend Windows 7 or 8 for stability.

The operating systems listed below are either NOT COMPATIBLE or NOT SUPPORTED with My Vision Express:

Not Supported	Not Compatible
<ul style="list-style-type: none"> <li>• Windows NT/2003 Server</li> <li>• Windows 2000</li> <li>• Windows 98</li> <li>• Windows Millenium (ME)</li> <li>• Windows XP</li> </ul>	<ul style="list-style-type: none"> <li>• Novell</li> <li>• Linux (Cloud Only)</li> <li>• MAC (Cloud &amp; Parallels Only)</li> </ul>

## Peripheral Requirements

### Printers

#### General Purpose

The My Vision Express software utilizes printers that are properly setup and detected in the Windows environment. Once printer drivers have been installed and the printer has been configured, a Test Page should be printed from the Properties for the printer to confirm functionality prior to printing from the My Vision Express software.

#### Label Printing

For your day to day Inventory & Label printing the My Vision Express program has proven compatibility with the following printers and labels:

Printer	Inventory Labels			Address/File Labels
Datamax E Class 4205A Mark III	<i>Recommended</i> <ul style="list-style-type: none"> <li>TT307Z</li> <li>TT313</li> <li>TT364</li> </ul>	<i>Other Supported</i> <ul style="list-style-type: none"> <li>TT303</li> <li>TT304</li> <li>TT306</li> <li>TT316</li> <li>TT360</li> </ul>	<ul style="list-style-type: none"> <li>TT365</li> <li>TT366</li> <li>TT368</li> <li>LT335</li> </ul>	<ul style="list-style-type: none"> <li>Not compatible for address labels</li> </ul>
Dymo Label Writer	<ul style="list-style-type: none"> <li>Not compatible for inventory labels</li> </ul>			<ul style="list-style-type: none"> <li>Dymo 30252 Address Labels</li> <li>Dymo 30327 File Folder Labels</li> </ul>

#### Receipt Printers

For receipt printing when using the XCharge Payment Processing interface the following printers are compatible:

- Ithaca iTherm 610 (discontinued)
- Ithaca iTherm 280

These printers also are compatible with the APG Cash Drawer with Interface #554 (USBPRo USB HID Class End Node) which will auto-open when a cash payment is logged in My Vision Express. The following APG Cash Drawer models are compatible with My Vision Express:

- |  |   |
|--|---|
| <ul style="list-style-type: none"> <li>Series 4000 1317</li> <li>Series 4000 1816</li> <li>Series 4000 1820</li> <li>Series 4000 1821</li> <li>Series 4000 2020</li> <li>Series 4000 2021</li> </ul> | <ul style="list-style-type: none"> <li>Serios 100 1616</li> <li>Series 100 16195</li> <li>Vasario 1416</li> <li>Vasario 1616</li> <li>Vasario 1618</li> <li>Vasario 1915</li> </ul> |
|--|---|

## Scanners

### General Purpose

---

My Vision Express utilizes TWAIN compliant devices to capture and transfer images/data to the various sections of the patient's demographic screen or medical records.

### Barcode Scanners

---

My Vision Express is compatible with the majority of Barcode scanners available in the market as long as they are UPC A compatible. Please check with vendor to ensure compatibility. We recommend the Symbol LS2208 which has been thoroughly tested with My Vision Express to ensure compatibility.

### Credit Card Scanner

---

If using the Xcharge Payment Processing integration the following devices can be used to swipe credit cards for processing:

- For standard credit card swiping any generic USB Magnetic Swipe Reader is compatible
- For debit card processing and electronic signature capture the only compatible device is the VeriFone MX850

### Webcams

---

My Vision Express is compatible with the majority of webcams available in the market that are TWAIN compatible. Please check with vendor to ensure compatibility.

## Monitors & Resolution

---

My Vision Express requires specific resolutions to fit screens properly based on the modules being utilized by the user. Below are the minimum resolution requirements for monitors and video cards.

- Without the exam module requires a minimum resolution of 1024 X 768 for optimal viewing of all modules.
- With the exam module requires a minimum of resolution of 1280 X 768 for optimal viewing of all modules including Exam module.

**We recommend 1280 X 768 or higher for optimal viewing experience.**



## Mobile Devices

	<b>Local</b>	<b>Cloud</b>
iPad / iPhone	User configured remote terminal setup via RDP	Compatible via our 2X Client Utility
Android	User configured remote terminal setup via RDP	Compatible via our 2X Client Utility
Windows RT	Not compatible	Not available yet
Blackberry	User configured remote terminal setup via RDP	Compatible via our 2X Client Utility

## Backup

	<b>Local</b>	<b>Cloud</b>
External	External USB hard drive is recommended for backup on a daily basis. USB sticks/thumb drives are not recommended due to their instability at times.	Backups are managed by the My Vision Express Cloud Team.
Online	Online backup solutions like DataHealth are highly recommended for redundancy.	Backups are managed by the My Vision Express Cloud Team.

## Internet & Network Connectivity

My Vision Express requires internet access for monthly validations on the local version and access on the Cloud version in different capacities.

### LAN & Wifi Recommendations for Cloud version

Hardware	Download Speed	Upload Speed	Wifi D/L Speed	Wifi U/L Speed
Workstations	10+	2+	10+	2+
Server	10+	2+	Wireless not recommended	
Tablets/Smartphones	Not Available		10+	2+

Bandwidth Testing Tools available at [www.Speedtest.net](http://www.Speedtest.net)

The local version of My Vision Express requires minimal bandwidth considering it's a simple license validation process that does not require high bandwidth.