



Recommended Hardware & Technical Specifications

The following technology will enable your medical group to experience all the advantages of OfficeEMR™'s convenient Web-based platform.

OfficeEMR™ is a centrally hosted, web-based application that does not require additional hardware, operating systems, database management systems (DBMS), drug information databases, clinical practice guidelines, backup utilities, or third-party software applications, etc.

To experience all the advantages of OfficeEMR™, the following technical requirements must be met prior to completing implementation. Clients are responsible for adhering to OfficeEMR™'s technical requirements.

High Speed Internet Connection Recommendations

PCs will need to access the Internet directly or through a local area network. Most business broadband accounts can service these needs very inexpensively; typical connection types include DSL, Cable, Fiber, Wireless, or T1 lines.

The table below provides the required ISP bandwidth recommendations. Please note that these numbers are estimates based upon average product usage. Extensive use of scanning documents may require higher bandwidth speeds. In most situations you will want to have the middle or highest Business Class Internet plan from your ISP.

Clients are responsible for troubleshooting network issues (latency, packet loss, etc.) outside of iSalus's firewall (i.e. from users' workstations to <https://www.officemd.net>). If there is additional Internet traffic in the office, you may wish to use higher speeds.

Office Size	Min. Upload Speed	Min. Download Speed
1-5 concurrent users with latency < 100 ms	1 Mb/s	3 Mb/s
6-10 concurrent users with latency < 100 ms	1.5 Mb/s	6 Mb/s
11-20 concurrent users with latency < 100 ms	1.5 Mb/s	8 Mb/s
21-30 concurrent users with latency < 100 ms	2 Mb/s	10 Mb/s
+ 30 concurrent users with latency < 100 ms	3 Mb/s	10 Mb/s

To verify actual speed, follow the instructions at <http://www.speedtest.net> and select Indianapolis, IN

* OfficeEMR™ only requires the following network ports 80 (HTTP) and 443 (SSL).

Hardware Recommendations

In order to guarantee reliable support and the latest in technology, it may be advantageous to acquire a lease and support agreements for your hardware. As operating systems, internet browsers and other technology enhancements are made available, hardware recommendations may be updated. Check back for updates.

Finally, the best piece of advice we can give you is to purchase quality products from brand names such as Microsoft, DELL, HP, and Lenovo, and have a professional set it all up.

Specifications	Minimum Requirements	Recommended Requirements
Processor	4th Gen Intel Core i3	5th Gen Intel Core i5 or Higher
RAM	4 GB	4 GB Memory or higher
OS Version	Windows 7	Windows 10
Resolution	1152 x 864	1336 x 768 +
IE Settings	IE 10	IE 11
Display Size	10"	12"

Tablet Recommendations

Tablet	Display	Processor	Screen Resolution	Operating System
 MS Surface Book	13.5"	Core i5 or i7	3000 x 2000	Win 10 Pro
 MS Surface Pro 4	12.3"	Core i5 or i7	2736 x 1824	Win 10 Pro
 MS Surface Pro 3	10.8"	Quad-Core Intel Atom x7 Z8700	1920 x 1280	Win 8.1 or 10
 Dell Venue 11 Pro 7000 Series	10.8"	Core i5 or M	1920 x 1280	Win 8.1 or 10
 HP Elite x2 1011 G1	11.6"	Core M 1.6 GHz +	1920 x 1280	Win 8.1 Pro
 Lenovo ThinkPad Helix	11.6"	CoreM	1920 x 1280	Win 10 Home
 Lenovo Miix 700	12"	CoreM	2160 x 1440	Win 10 Pro

Cautions:

The Intel Atom processors are lower performing processors and are not as fast as the Intel Core i or M Series processors. Many clients will not be happy with the performance of OfficeEMR™ using the Atom processors. Exception being the Microsoft Surface Pro 3.

Screen Resolution Heights lower than 864 will zoom in electronic documents making them not very useful and hard to work with. This can also make some screens difficult to work in, i.e. Drug Search Window.

In IE pressing the “F11” key puts IE in full screen mode. This will help when working in lower screen resolution heights.

Additional Hardware Recommendations

Printer Hardware Recommendations

Office Printer

Current Model Laser Printer
Capable of printing 20 pages per minute or faster

Rx Printer



Star TSP800II or TSP800IIRx
w/LAN Module (Network)
w/USB Module (Individual)

Topaz Signature Pad Recommendations



LCD



LCD Backlit



Standard Pad



Bluetooth (Wireless)

**Do Not Connect your Topaz Signature Pad to your computer*

**To download drivers for all of the above <http://www.topazsystems.com/software/sigplus.exe>*

**When prompted click Run to download and Install*

**Click Yes & Take Defaults*

**After Install connect up your Topaz Signature Pad to your computer*

Drivers for other models then above <http://www.sigpluspro.com/>

Scanners & Cameras Hardware Recommendation

Document Scanning

Insurance/ID Card Scanning

Web Camera



Kodak SCANMATE i1150



ScanShell 800N /
ScanShell 800NR



Creative LIVE!
Cam Chat HD



Kodak i2400 Scanner



ScanShell 800DXN



Panasonic KV-S1025C-S



FUJITSU Image Scanner fi-7160

** All Scanning Devices and Cameras MUST use TWAIN Compliant Drivers*

*** Document Scanners need to be capable of scanning at 75 to 100 dpi Resolution*

**** TWAIN Scanners and Cameras may eventually become Non-Compliant and may need to be replaced*

OfficeEMR™ on Mac

- ✓ PC with Intel® 5th Generation Core i5 or i7 Processor or higher recommended (4th Gen min.)
- ✓ 32-Bit Internet Explorer is Required to run OfficeEMR™
- ✓ Recent [Parallels Desktop](#) will work on any Mac running Mac OS X Mavericks (10.9.4) or later
- ✓ [Parallels Desktop 11 for Mac](#) or higher Required to run Windows 10
- ✓ In [Parallels](#) set Memory to the top of the Green Line, at least 2 GB or higher, for your Windows Virtual Machine

Clients Will Also Need:

- ✓ Legal Copy of Microsoft Windows 7, 8.1, or 10 (Win 10 Recommended)
- ✓ Screen Resolution on your Mac of 1152 x 864 or higher (Both Numbers Must Match or Higher)
- ✓ At least 4 GB+ of RAM (8 GB Recommended) in your Mac

Other Software Options

- ✓ [VMWare Fusion](#)
- ✓ [Boot Camp](#) (comes as a part of Mac OS X)