OfficeEMR™

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	3 Mb/s	5 Mb/s
6-10 concurrent users with latency < 100 ms	4 Mb/s	8 Mb/s
11-20 concurrent users with latency < 100 ms	5 Mb/s	10 Mb/s
21-30 concurrent users with latency < 100 ms	7 Mb/s	12 Mb/s
+ 30 concurrent users with latency < 100 ms	10 Mb/s	14Mb/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	6th Gen Intel Core i5	7th Gen Intel Core i5 or Higher
RAM	4 GB	8 GB Memory or higher
OS Version	Windows 10	Windows 10 Pro
Resolution	1152 x 864	1920 x 1080 or Higher
IE Settings	IE 11	IE 11
Display Size	12"	12" or Higher

Tablets / 2-in-1 Convertibles Suggestions

iSalus doesn't endorse any computer maker or model; however, all iSalus software is designed, developed, and tested using Microsoft Surface devices.

Tablet	Display	Processor	Screen Resolution	Operating System
MS Surface Book 2	13.5"	Core i5 or i7	3000 x 2000	Win 10 Pro
MS Surface Pro	12.3"	Core i5 or i7	2736 x 1824	Win 10 Pro
MS Surface Laptop	10.8"	Core i5 or i7	2256 x 1504	Win 10 Pro
Dell Inspiron 13 5000 or 7000 Series 2-in-1	13.3"	Core i5 or i7	1920 x 1280	Win 10 Pro
HP EliteBook x360 1020 or 1030	13.3"	Core i5 or i7	1920 x 1280	Win 10 Pro
Lenovo Yoga 720	12"	Core i5 or i7	1920 x 1280	Win 10 Home
Lenovo Miix 720	12"	Core i5 or i7	2880 x 1920	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 (second number - 1920 x 1080) 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, Billing windows.

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	Rx Printer
Current Model Laser Printer Capable of printing 20 pages per minute or faster	 Star TSP800II or TSP800IIRx w/LAN Module (Network) w/USB Module (Individual

Topaz Signature Pad Recommendations

LCD

LCD Backlit

Standard Pad

Bluetooth (Wireless)

The SigPlus® Pro Tablet software tools are designed for use by developers looking to create eSignature applications for use with Windows Tablets, Pen-and-Tablet PCs, and Topaz Gem-View Tablet Displays. Learn more here: http://topazsystems.com/sigplusprotabletpc.html

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 i1190[Note Model]	ScanShell 800N / ScanShell 800NR	Logitech HD PRO Webcam C920
Kodak i2420 Scanner	ScanShell 800DXN	
Panasonic KV-S1026C-S		
FUJITSU Image Scanner fi-7160		

*All Scanning Devices and 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

**** Web Cameras Need to use the software that came with it to take the picture and then Import It IN

Intelligent Intake Recommendations

iPad 5th Gen or Higher
minimum 9.7" iOS11 or higher

Case (Pure Sense Buddy)

Charging Station with Lock

PaySimple

IDTech SecurRED

Specimen Labels / Patient Labels

Dymo LabelWriter 450 or 450 Turbo

*****Label Size to use and buy on a roll is 1 1/8" x 3 ½".*

3 color combinations to choose from.

OfficeEMR™ on Mac

✔ PC with Intel® 7th Generation Core i5 or i7 Processor or higher recommended (6th Gen min.)

✔ Internet Explorer 11 is Required to run OfficeEMR™

✔ Recent Parallels Desktop will work on any Mac running Mac OS X Mavericks (10.10.5) 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)