



Recommended Hardware & Technical Specifications

iSALUS healthcare™

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Getting Started

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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

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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, Wireless, or fractional 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 scanned documents may require higher bandwidth speeds. In most situations you will want to have the 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	Minimum Recommended Speed	
	Upload	Download
1-5 concurrent users with latency < 100 ms	768 Kb/s	1 Mb/s
6-10 concurrent users with latency < 100 ms	1.5 Mb/s	1.5 Mb/s
11-20 concurrent users with latency < 100 ms	1.5 Mb/s	3 Mb/s
21-30 concurrent users with latency < 100 ms	2 Mb/s	3 Mb/s
More than 30 concurrent users with latency < 100 ms	3 Mb/s	5 Mb/s

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

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

Computer Recommendations

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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 DELL and HP, and have a professional set it all up.

Office and Clinical Staff – Hardware Recommendations		
Desktop PC (Scheduling & Billing)	Desktop or Laptop (EMR or Document Scanning)	Tablet PC / Convertible Laptop (EMR)
<i>Suggested Processor Configuration</i> Intel Core2 Duo 2.93GHz +	<i>Suggested Processor Configuration</i> Intel Core i3 2.93GHz +	<i>Suggested Processor Configuration</i> Intel Core i5 2.66GHz +
<i>Minimum Configuration</i> • Pentium 4 2.5 GHz or Equivalent	<i>Minimum Configuration</i> • Intel Core2 Duo 2.66 GHz or Equivalent	<i>Minimum Configuration</i> • Intel Core2 Duo 1.86 GHz Low Voltage
2 GB Memory or higher	4 GB Memory or higher	4 GB Memory or higher
<i>Minimum Configuration</i> 2 GB Memory	<i>Minimum Configuration</i> 2 GB Memory	<i>Minimum Configuration</i> 2 GB Memory
XP or Windows 7 – (32 or 64 Bit)	XP or Windows 7 – (32 or 64-Bit)	XP or Windows 7 – (32 or 64-Bit)
Video Resolution 1152 x 864 +	Video Resolution 1152 x 864 +	12.1" Video Res of 1280 x 960 +
Internet Explorer 7 or 8	Internet Explorer 7 or 8	Internet Explorer 7 or 8
Standard Video Card	Standard Video Card	Standard Video Card
Sound Card & Speakers	Sound Card & Speakers	Sound Card & Speakers
* Netbooks, Mini Laptops, Slate PCs, are not recommended as a primary device		

Additional Hardware

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Printer – Hardware Recommendation	
Office Printer	Rx Printer
<p>Current Model Laser Printer</p> <p>Capable of printing 20 pages per minute or faster</p>	<p>Star TSP800II or TSP800Rx</p> <p>w/LAN Module (Network) or w/USB Module (Individual)</p> <div style="text-align: right;">  </div>

Scanners & Cameras – Hardware Recommendation		
Document Scanning	Insurance / ID Card Scanning	Web Camera
<p>Document Scanning</p> <ul style="list-style-type: none"> Automatic Document Feeders 1,000-1,200 Page Daily Duty Cycle Kodak i30/i40 Panasonic KV-S1025C Epson WorkForce Pro GT-S50 	<p>ID Scanner</p> <ul style="list-style-type: none"> Scanshell 800NR Scanshell 800DXN <div style="text-align: center;">  </div>	<p>Check-In Camera</p> <ul style="list-style-type: none"> Creative Labs <div style="text-align: right;">  </div>
<p><i>* All Scanning Devices and Cameras MUST use TWAIN Compliant Drivers</i></p> <p><i>** Document Scanners need to be capable of 75 to 100 dpi</i></p>		

Antivirus	Dictation
<p>iSalus Recommends</p> <div style="text-align: center;">  </div>	<p>iSalus Recommends</p> <div style="text-align: center;">  </div>

OfficeEMR™ on other platforms

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Running OfficeEMR™ on a MAC

- Intel® Core™2 Duo or higher required for 64-Bit
- **32-Bit Internet Explorer is Required** to run OfficeEMR™

Parallels

- Parallels Desktop will work on any Intel-based Mac OS running Leopard (OS X 10.5.8) or later
- From “Parallels Desktop/Preferences” menu set Memory to at least 1 GB or higher

Clients will also need:

- Copy of Microsoft XP, Vista, or Windows 7 (Recommended)
- Screen Resolution on your Mac 1152 x 864 or higher
- At least 2 GB+ of RAM – (1 GB for Parallels & 1 GB for the Mac OS) – 4 GB+ if using Vista or Windows 7

Other Options:

VMware Fusion – tested and works

Boot Camp – ONLY Boot as a PC OR a Mac – CANNOT Run both Oses at the Same Time

- Boot Camp comes as a part of the Leopard & Snow Leopard Mac Operating Systems

VirtualBox – not fully tested

Virtual PC – have not tested this product