



webchart.

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hardware and software requirements

As a web-based solution, practices often already have the equipment they need to successfully use WebChart. The information below outlines the requirements. Individual practices determine number and locations of workstations, as well as devices and platforms. Workflow specialists are available to guide you through developing a plan for your practice.

workstation requirements

These are the **minimum** requirements for running WebChart. Expanded hardware capabilities can improve performance.

Windows (PC) – minimum requirements

- Pentium 4 class or AMD equivalent
- 512 MB RAM (2 GB RAM for Vista)
- 1024 x 768 screen resolution
- XP Vista or Windows 7 operating system (business version preferred)





Mac – minimum requirements

- ✎ Intel, PowerPC G5 or PowerPC G4 (867 MHz+)
- ✎ 512 MB RAM
- ✎ 1024 x 768 screen resolution
- ✎ OSX Leopard v10.5

Internet browser

- ✎ 128-bit encryption enabled
- ✎ WebChartNow.com set as a trusted site
- ✎ Internet Explorer 8 or newer for all ActiveX components
- ✎ Current versions of Firefox, Safari, Chrome or Opera

Mobile devices – smartphones and tablets (iPad)

- ✎ WebChart is accessible on any internet-enabled device and includes a user setting to optimize content for use with these devices. WebChart is platform independent, meaning it will function within whatever browser is loaded on the device.

A small number of WebChart features require the richness of ActiveX. The following tools can only be used when accessed via the **Internet Explorer** browser:

- ✎ dictation controls
- ✎ advanced diagnostic viewing of DICOM images
- ✎ batch indexing of chart contents
- ✎ scanner control
- ✎ video capture
- ✎ device/print driver capture





Additional software – recommended, but not required

- ✎ Microsoft Word* XP or later
- ✎ AlternaTIFF
- ✎ Adobe Acrobat Reader

Peripheral devices used in conjunction with WebChart

- ✎ Printers
- ✎ High speed and ADF scanners (TWAIN compliant)
- ✎ Card scanners (TWAIN compliant)
- ✎ Dictation devices (USB microphones, foot pedals and digital recorders)
- ✎ Transcription foot pedals

**WebChart has an HTML rich text editor so MS Word is not required for word processing. However, users who need access to MS Word templates must have MS Office loaded on their PC/Mac.*

WebChart data usage

Please note the bps and Bps by capitalization. bps = bits/second, Bps = bytes/second.

Due to the nature of WebChart, the bandwidth usage is very sporadic. The following numbers are based on averages between 5 and 60 minute usage profiles.

Front desk / registration: 7.0-10.0 Kbps per concurrent user / If scanshell scanner is involved (for driver’s licenses, etc.) 10.0 Kbps is required. If no scanning is involved, 7.0 Kbps

Scheduling: 7.0 Kbps per concurrent user





Dictation / transcription: 15.0 Kbps necessary for download/playback speeds in MIE Player for dictation, and uploads of Word documents

Dicom order creation (TechOmni): 6.0 Kbps per concurrent user

Doctor point and click forms / prescribe / etc: 10.0 Kbps per concurrent user

Scanning / indexing: 150.0-225.0 Kbps per concurrent user 7.0 Kbps for non scanning/indexing time, actual scanning varies by chart size; uploaded images are an average of 300Kb per page per side. It is typically recommended that scanning stations be configured with static IP addresses and QoS applied to them. Recommended bandwidth will vary, but on heavy uses 225Kbps/scanning station is recommended. This effects only the upload time of the images (and download time during batching), so further limitations can be placed on bandwidth when necessary.

DICOM:Varies heavily by case load. DICOM typically requires a RadRaq or other DICOM queuing device onsite, and load varies based on emergent cases and study type. MIE strongly recommends case by case basis on DICOM installation.



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