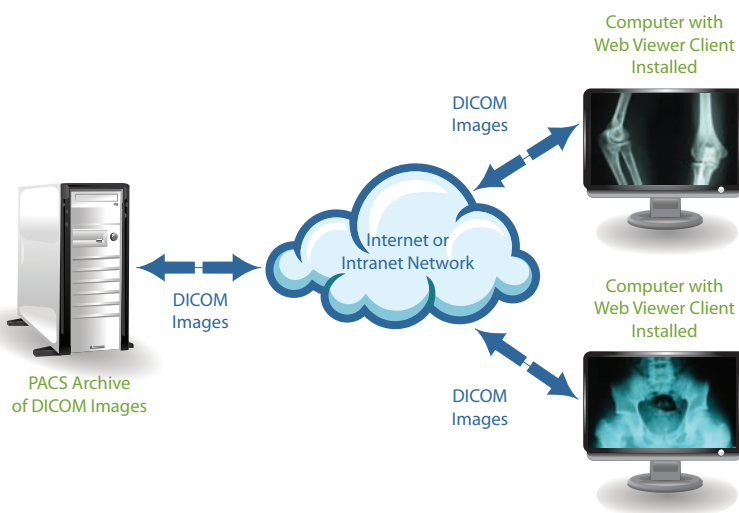


Web Viewer

A Solution for Securely Retrieving, Displaying & Manipulating DICOM Images from Virtually Any Internet-enabled Device

Extend Viewing Capabilities Beyond Your DICOM Network



- ✓ **Enhance Image Accessibility.** EESI's Web Viewer facilitates secure anytime, anywhere access to medical imaging studies by authorized users from virtually any Internet-enabled device without requiring the installation of costly software.
- ✓ **Improve Patient Care.** With EESI's Web Viewer, physicians can quickly and easily share patient images with any colleague in the world for real time review and collaboration.
- ✓ **Increase Efficiency.** By eliminating the time and expense associated with transporting patient images to various offices, EESI's Web Viewer reduces turnaround time and improves office workflow.

Essential Enterprise Solutions, Inc. (EESI) expands the capabilities of its PACS appliance with the EESI Web Viewer. This secure, Web-based DICOM image viewer extends viewing capabilities beyond the DICOM network to common PCs connected to the Internet or Intranet network.

With the EESI Web Viewer, authorized medical professionals can securely retrieve, display and perform advanced Image Processing operations on DICOM medical images created by a variety of modalities from virtually any Internet-enabled device with the required Java applet installed.

Additionally, by applying user management and authorization level controls on the EESI PACS appliance, practices can use the Web Viewer from EESI to securely share DICOM medical images with their network of referring physicians and other remote users.

Enjoy the flexibility of secure anytime, anywhere access with EESI's Web Viewer.





“ *Web-based DICOM image viewing has revolutionized the way patient diagnosis and treatment is performed. EESI's Web Viewer supports enhanced flexibility and collaboration to improve communication and patient care.* ”

Web Viewer Technical Specifications

- Java-based, cross-platform DICOM image viewer: both the client-side and the server-side can run on Windows, Mac OS X, Linux and other OS's.
- Runs on standard PC hardware.
- Supports virtually all kinds of DICOM image files: grayscale and color, single-frame and multiframe, JPEG-compressed (lossy and lossless), JPEG-2000-compressed (reversible and irreversible), RLE-compressed, MPEG-encoded movies and ZIP-compressed studies.
- Advanced image manipulation tools, including Window / Level contrast tuning, zoom, rotation, flipping, pseudo-coloring, enhancement filters.
- Distance, Surface, Angle and Density measurement tools.
- Graphical annotation tools.
- Cine-playback of multi-frame sequences.
- Hanging Protocols.
- Reference lines (a.k.a. Scout Lines) for MRI and CT studies.
- Print to standard PC printers or to DICOM Printers (through the DICOM Print operation).
- Reporting functions: support for text reports, voice reports, DICOM Structured Reports (SR).
- Export functions: export DICOM files (including Presentation States and Key Images) to server and local disk, export images to local disk in JPG, PNG and JPEG-2000 formats.
- DICOM CD/DVD production functions, with embedded cross-platform auto-running viewer.
- Supports dual-head display configurations.
- Flexible and powerful integration interface, allows interfacing with virtually all kinds of backend DICOM archives and integrating in any medical web application.
- Multi-language GUI.
- CE-marked and FDA-listed as a class I medical device.

For more information on the Web Viewer or any of our products or services, please visit us on the Web at: www.eesimed.com.

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