eRAD PACS Viewer

Secure web-based image viewing from any location.

eRAD RadNet Technology Solutions

The eRAD PACS Viewer provides secure, web-based image viewing. Put the power of eRAD PACS in anyone's hands—referring physicians, surgeons, diagnosticians, remote staff—for secure collaboration from any web-accessible computer.

Images and reports are streamed from the server, and colleagues need no training to view multiple modalities in layouts that suit them. The user-friendly viewer offers a consistent user interface and tool set whether used inside the imaging facility or across the Internet.

eRAD PACS Viewer provides full-fidelity image rendering capabilities; advanced imaging tools, including MPR, image fusion and mask subtraction; and tools for diagnostic interpretation, including web-based report dictation, transcription and speech recognition. Multiple users collaborate through a bi-directional session in which they interactively view and manipulate the same data. Preserve the presentation state after annotating, sizing and positioning clinically significant images. Insert those key images into the report for a more meaningful end-user experience. eRAD PACS Viewer provides a common interface and toolset from radiology, clinical, or web-based workstations and CDs distributed to referring physicians.

Anywhere access with roaming profiles
The cloud server enables roaming profiles, so users access their profiles at login from anywhere. That consistency cuts training time and increases acceptance.

Embedded reporting
Report dictation, transcription and speech recognition are embedded directly in the PACS Viewer, bypassing the need for an expensive standalone reporting system. Reports can be sent to a RIS or archived with the images.

Mammography optimization
The eRAD PACS Viewer provides sequential protocol sets for fast views, custom keypad support and other tools for mammography-specific workflows.

Self-installing download
eRAD PACS Viewer is a self-installing, self-updating, Windows-native diagnostic viewer with an array of diagnostic tools, including MPR, MIP, digital mask subtraction, full annotation and more.

"Columbia was interested in eRAD's technology for many reasons. Easy, web-based access for both reading and referring physicians was a prerequisite. It was clear eRAD excelled in this area, but as we investigated their solution, we were impressed with innovative features like Mask Subtraction, which enables us to do Digital Subtraction Angiography."

Carole Ann Norman
Practice Manager
Columbia Nephrology
Columbia, South Carolina

» **Portable profiles**
The user's defined GUI preferences follow the user to any workstation or device.

» **Diagnostic tools**
eRAD PACS Viewer supports mammography CAD, digital mask subtraction, multi-planar reconstruction, presentation states, AVI video play with real-time playback, PET/CT fusion with MIP and SUV, cross-reference locating, orthogonal image inserts, dynamic and regional zoom, spine labeling, Cobb angle and other annotation tools.

» **Flexible Hanging Protocols**
Protocols can be customized and "trained" for each user.

» **Embedded dictation**
Reporting can be handled within the PACS workflow, using digital dictation, templates and speech recognition.

» **DirectX support**
DirectX (including Direct3D) is supported for high performance visualization and graphics.

RadNet Technology Solutions

The power and flexibility of the eRAD PACS Viewer is driven by these technology features:

Self-installing download

eRAD PACS Viewer is a self-installing, self- updating, Windows-native diagnostic viewer.

Consistent Viewer Workspace

eRAD PACS Viewer provides a single viewer for use in diagnostic, clinical, web and referring physician environments. The viewer downloads the user's personal profile and tool set from the central server and applies it to the user's current workstation. The familiar user interface reduces training time and increases user acceptance.

Integrated Reporting

Dictate reports or select customized canned reports from within the eRAD PACS Viewer, using the embedded, web-based dictation/transcription report editor. Transcription and approval tools are included. Reports can be sent to a RIS or archived with the images.

Speech Recognition

eRAD PACS Viewer supports embedded speech recognition. Display a dictated report in real-time in the report panel, use speech-driven macros and access your cloud-stored profile from anywhere. The eRAD PACS Viewer also supports several other commercial speech recognition solutions, seamlessly integrating their feature sets.

AVI Video Player

eRAD PACS Viewer converts a real-time multi- frame sequence of images to an AVI video file for true one-to-one playback, especially useful for ultrasounds or MRIs. Select the synchronized frame rate play back speed, or save the AVI file to your workstation.

Digital Mammography Tools

eRAD PACS Viewer provides mammography tools which include synchronized panning and zooming, mirrored-image mode, support for CAD objects, BI-RADS® support in reports, mammography-specific hanging protocols and hanging protocol sets. It also supports multiple, mixed resolution monitors, including mammography monitors.

"We evaluated eRAD and were impressed by the comprehensive workflow solution capabilities. It wasn't any one thing in particular that set them apart from the other vendors we looked at but it was that they did them all and did them well that captured our attention. This, together with a price point that was affordable for a multisite outpatient setting like ours, made eRAD an easy choice."

Tony Medeiros
Operations Manager
Prima CARE, P.C.
Fall River, Massachusetts

"The eRAD solution is a good fit for our target market. eRAD's web-based application, flexibility and ease of customization is ideal for the customer that performs 3000 or 75,000 procedures annually. I am pleased to add eRAD to our product portfolio."

Greg McCray
Vice President Sales and Marketing
Medical Application Specialists
Oak Brook, Illinois
ERAD RESELLER

Mammography images may only be interpreted in eRAD PACS Viewer when using a monitor that meets technical specifications reviewed and accepted by the FDA.

SPECTRUM MEDICAL IMAGING CO.