PowerPACS® Web Server PLUS

PowerPACS Web Server PLUS: A fast, easy, and affordable Web-based PACS solution to securely extend DICOM images beyond the radiology department

We realize not every practice is the same. At RADinfo SYSTEMS, we first strive to understand your facility's unique needs, and then develop a solution customized to meet your objectives. RADinfo SYSTEMS has implemented hundreds of consumer-designed digital imaging solutions in medical facilities around the world.
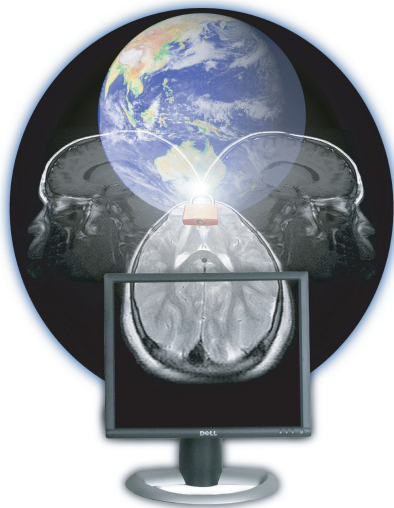
Power PACS Web Server PLUS provides the best possible performance in image examination operations. Our systems enable radiologists, physicians and other individuals to view medical notes and images on demand at any PC with an Internet connection.

RADinfo SYSTEMS' PowerPACS Web Server PLUS was designed to be scalable to accommodate growth, increase clinical productivity, enhance patient care, and reduce costs associated with conventional medical practices. Web Server PLUS is a highly versatile and efficient teleradiology application for on-call radiologists performing wet-reads or referring physicians to view patient images. With the ability to electronically distribute full-fidelity DICOM images to diagnostic or clinical viewing stations, Web Server PLUS is a practical solution that allows any consulting professional to view patient images and complete medical notes, regardless of location.

Power PACS Web Server PLUS introduces a host of new features, including template-based study notes, structured workflow based on user groups, and an innovative relay functionality that dramatically reduces the image transfer time between image acquisition device and your display work station. RADinfo SYSTEMS believes that seamless, secure communication is critical to maintaining the structured workflow of a medical facility, and has significantly enhanced study notes to deliver our customers with two options: standard and template. The standard study notes version is a free-form, flexible approach that allows users to save text along with any study. The template version, which uses an HTML-based form, controls and restricts access to study notes based on facility-defined user groups that provide different security levels and user access privileges. As an added benefit, RADinfo SYSTEMS can customize the template-based study notes form to match virtually any workflow.

RADinfo SYSTEMS' DICOM viewer included in Web Server PLUS, RSVS, is the consummate diagnostic tool that sets our system apart. RSVS' comprehensive toolkit for performing image-reading operations offers incomparable efficiency and precision. Our viewer is not simply a mode to view images — we've created a pioneering method that uses the RSVS as a relay node, allowing the web component to show the presence of a study even before the pixel data arrives to the remote server and allow instant access at sending side. This innovation nullifies the modality transfer time of the pixel data to the web server by allowing RSVS to open images directly from its local cache within seconds of image acquisition.

PowerPACS® Web Server PLUS

PowerPACS Web Server PLUS is as simple to implement as it is to use; once the server is installed, all that is required to view images is a Windows-based PC with Internet or Intravet——there is no application software to distribute to users, nor any configuration of complex DICOM parameters at the client. Administrators have the ability to assign studies from particular physicians to specific users, facilitating task management and efficiency. Web Server PLUS permanently archives records and is a fully scalable DICOM management system to archive, distribute, view, and manage medical images and reports. PowerPACS Web Server PLUS delivers secure communication, proficient organization, and superior diagnostic viewing to any practice.

Empowering Your Organization with PowerPACS®

The advantages you gain span from organizational improvements to increased time efficiency, but ultimately and foremost, higher quality patient care. With the ability to widely distribute radiographic images throughout hospitals, clinics and even to physicians' home computers, our clients cut their response time from hours to mere minutes.

Features

Web-based Advantages
▪ Web-based PACS architecture for optimal system performance in a multi-clinic environment
▪ Download DICOM images on demand
▪ Access to entire online DICOM image storage

Diagnostic Viewing
▪ Powerful viewer based on RADinfo's RSVS image visualization technology
▪ Full range of image manipulation tools provided
▪ Advanced display management and customization

Seamless Digital Environment
▪ Maintain the status of each individual study in real time
▪ Distribute full-fidelity DICOM images to diagnostic or clinical viewing stations
▪ Send image studies with complete study notes and Grayscale Softcopy Presentation States (GSPS) files
▪ Supports Structured Reports, encapsulated documents, GSPS, graphic annotations, bitmap planes, Key Image Notes, and much more

Hierarchal Archiving
▪ Fully scalable web-based archiving provided to store medical images online
▪ Storing, managing, searching, viewing DICOM images virtually eliminates problems and expenses associated with traditional film and other forms of clinical output by protecting against film loss or damage.

About RADinfo SYSTEMS

Established in 1993, RADinfo SYSTEMS develops and supports Windows-based, DICOM-compliant software for PACS, Teleradiology and image/information systems management. With products installed at hundreds of locations throughout the world, RADinfo SYSTEMS is also a systems integrator, bundling our software with modality and hardware manufacturers' products to provide complete information and image management solutions backed by around-the-clock technical support. In addition to developing the interface software that exist on modalities today, the privately held RADinfo SYSTEMS supplies software products and system development for many major modality and healthcare product vendors.

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