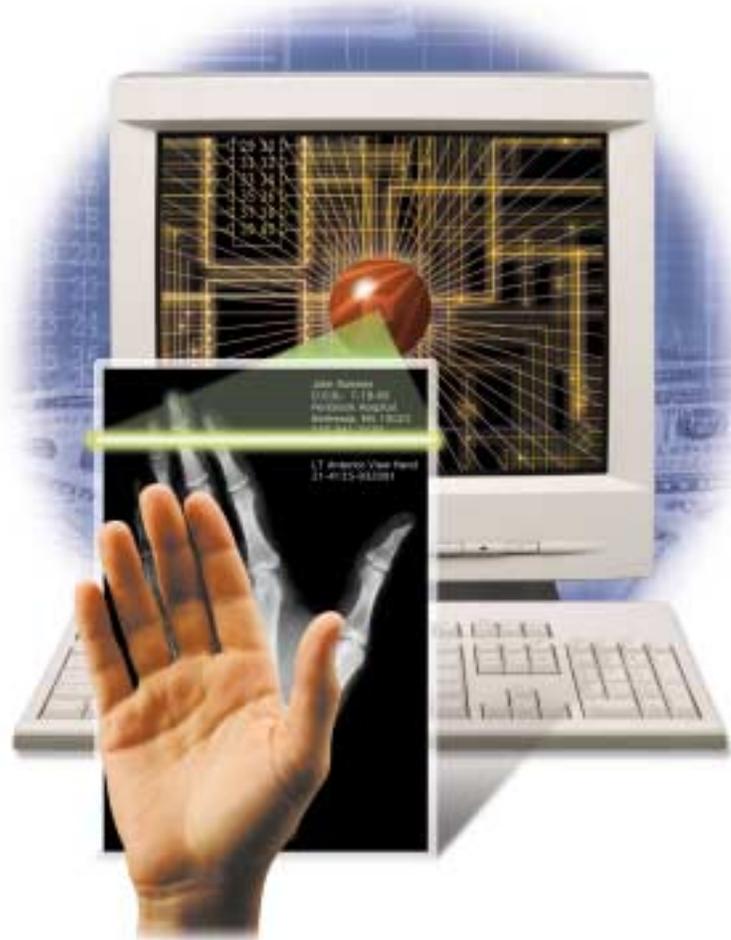# RADinfo Scan View System™ (RSVS)

TeleRadiology and Image Management System

Teleradiology is fast becoming a standard business process for radiology practices and healthcare providers, enabling remote access to radiological images for consultation and diagnosis. But many facilities find teleradiology technology to be cost prohibitive, requiring a significant investment in hardware and software on top of the existing expense of modality devices.

Fortunately, RADinfo SYSTEMS™ offers the RADinfo Scan View System™ (RSVS), a comprehensive suite of functionally rich, DICOM-compliant software components at an affordable price. RSVS provides the full range of tools needed for today's teleradiology and image center personnel, enabling digital images and patient information to be transmitted via any communications link available. RSVS incorporates sophisticated variable wavelet compression to enable timely transmission. For broadband links (cable modem, xDSL, LAN, T1, etc.), the user may select from variable wavelet, JPEG lossless, or uncompressed study sending. The integrated, easy-to-use RSVS product line consists of TeleRad Server, Scan and Send, Video Imaging Capture System (VICS), Imaging Viewing Station, and Web Server.

R S V S   T e l e R a d   S e r v e r

The RSVS TeleRad Server receives images from any DICOM based modality or workstations before the images are manually or automatically sent to multiple destinations. Equipped with a Microsoft SQL Database, the RSVS TeleRad Server not only can provide short-term DICOM image storage but also automatically deliver image studies to remote workstations or radiologists' homes according to the configurable criteria. Radiologists can also query and retrieve DICOM image studies remotely from the RSVS TeleRad Server in the DICOM network.

PowerPACS Web Server

PowerPACS Web Server delivers the best possible performance in image viewing operations to a Web page and extends RADinfo SYSTEMS' proven RSVS™ technology to the Web application. Using thin client architecture, the system enables radiologists, physicians and other individuals with the proper access to view medical reports and images on demand with any PC and an Internet connection.

RSVS Scan and Send

RSVS Scan and Send captures digital images from film or accepts direct DICOM digital inputs. RSVS Scan and Send includes a graphical user interface (GUI) that simplifies transmitting and scanning and supports the TWAIN interface used by leading digitizers. After digitizing, RSVS Scan and Send translates the image into DICOM format, which integrates demographic and study information. Users view an itemized worklist of available images—with associated patient information—on the desktop before sending them to a RSVS TeleRad Server, RSVS Web Server or remote RSVS View Station. With one simple mouse click, transmission begins while on-screen messages indicate transmission status.

RSVS VICS

RSVS VICS offers a solution for analog modalities such as Ultrasound or Nuclear medicine or for digital modalities without DICOM support. RSVS VICS allows users to select and capture a portion, or frame, of the video-generated image and translate it into DICOM format. The clinician saves the image then sends it to RSVS View stations, RSVS TeleRad Server or RSVS Web Server using DICOM protocols.
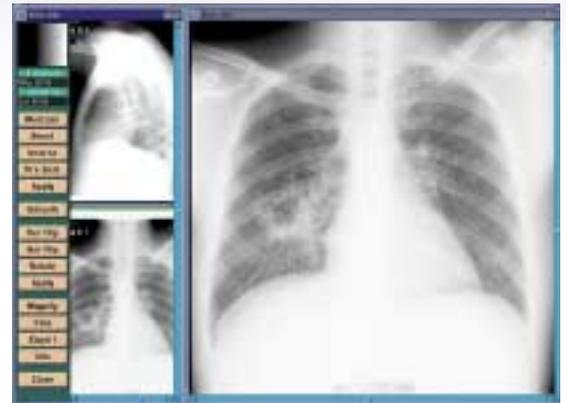
RSVS View

RSVS View stations provide physicians with easy access to high-quality grayscale images for wet reads or remote consultations. RSVS View lets users access studies by clicking any displayed worklist field—e.g., patient name, patient ID, study date, etc. Once displayed, a comprehensive toolkit permits physicians to precisely adjust images, ensuring confidence in their assessment and recommendations. Advanced features include cross-sectional image stacking, cine viewing, and side-by-side viewing for comparing multiple studies.
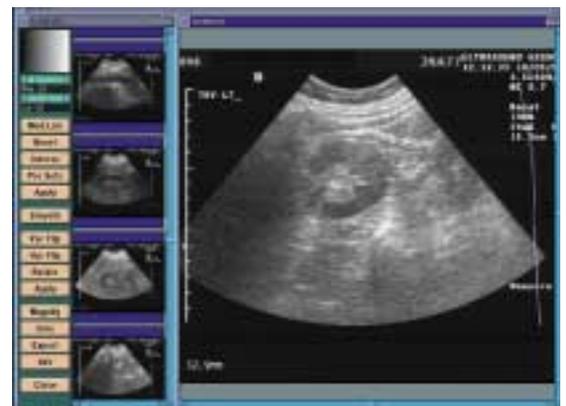
Technical Support

All RSVS TeleRadiology components are backed by RADinfo SYSTEMS expert technical support. We provide onsite installation, configuration, and system integration. RADinfo SYSTEMS offers onsite training for all RSVS TeleRadiology products and provides a telephone support line that's fully staffed 24 hours a day, 7 days a week.

About RADinfo SYSTEMS

Established in 1993, RADinfo SYSTEMS develops and supports Windows-based, DICOM-compliant software for teleradiology/PACS 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 systems development for many major modality and healthcare product vendors.

RSVS Image Review Software

RSVS VICS Images

RADinfo SYSTEMS™
Delivering Solutions that Meet Your Vision

For more information about RSVS TeleRadiology or RADinfo SYSTEMS, visit our web site at
www.RADinfoSYSTEMS.com
or call us at 877-722-6747.