

PowerPACS Document Scan™



A document scanning solution to archive any medical record as DICOM.



The need for accountability in healthcare increases with each new lawsuit. When a patient visits a healthcare facility and needs medical imaging performed, various documents are created during each step of the process. Some documents are created electronically, while others are merely handwritten notes or orders. Healthcare administrators are faced with a challenge: how to archive these documents so they can be recalled when a case is under review or audited?

RADinfo Systems addresses this challenge with PowerPACS Document Scan, the first product to digitally store any medical document for archiving purposes. The product captures documents in a paper scanner, integrates associated patient and study data, and converts the images into DICOM 3.0 format. Now any handwritten or printed document can be distributed, archived, retrieved, viewed, or printed with any DICOM-compliant PACS.

PowerPACS Document Scan is a modular component of the PowerPACS suite of products and can be integrated into other solution sets. The solution can be implemented in facilities with or without a RIS/HIS.



PowerPACS Document Scan is a practical and economical way for healthcare administrators to maintain a digital paper trail of each patient's visit to the radiology department. It is affordable enough to implement workstations in multiple locations throughout the facility, such as the front desk, the film library, the modality room, and elsewhere. Therefore, administrators can now empower each department to maintain accurate records as they are created.

PowerPACS Document Scan's easy-to-understand user interface guides operators through the document capture process. It integrates patient and study information with the document in two ways. If the healthcare facility has a RIS/HIS, then the operator pulls information directly from the RIS/HIS and associates the newly scanned document with a Worklist. If no RIS/HIS exists, then operators can manually create an entry with the necessary information to associate with the new document. Once a Worklist has been created, anyone on the network can now associate his or her scanned documents to the Worklist.

Because the documents are saved in DICOM, they can be automatically sent to an archive and retrieved when needed by any DICOM-compliant PACS. When a document or series of documents are needed for review or audit purposes, anyone with the proper access to the PACS can now search for the document by patient name, patient number, date, accession number, or other parameters.

- Non-proprietary components and architecture.
- Capture any size document, from small prescription orders to large legal documents.
- Supports multi-sheet feeders for fast and easy scanning.
- Preview mode ensures quality scans.
- Automatic cropping saves time for operator while minimizing file size.
- Provides error-free archiving when connected to a RIS/HIS.
- Supports network security.

PowerPACS Document Scan™



Technical Specifications

Scanner Specifications

Device Type	Flatbed scanner / desktop
Optical Resolution	> 600 dpi x 1200 dpi
Max Supported Media	216 mm (Legal) x 356 mm (Legal)
Automatic Document Feeder	> 10-pages capacity

Control Center

Workstation

Standard Dell tower packaging. Minimal System: Intel Pentium III Processor (>1.0 GHz), 128 MB RAM, 320 GB Hard Drive, 3.5" Floppy Diskette Drive, 34x CD ROM, 316 MB Video Display Driver Card, 56k/v.90 Internal Modem, 10/100 BaseT Network Interface Card.e Card. 15" Flat Panel Display (1024x768 pixels).

Monitor

Software

System Software

Windows 2000 Professional.

RADinfo SYSTEMS

RADinfo Systems PowerPACS Document Scan v5.x

Software

Application Software

Imaging for Windows Professional v2.6x.

¹RADinfo Systems currently features Dell Optiplex & Power Edge computers, typically with components from the following manufacturers: 3COM, Adaptec, American Power Conversion (APC), ATI Rage, Belkin, Diamond Multimedia, harmon/kardon, Intel, Sound Blaster, & US Robotics. RADinfo Systems reserves the right to substitute comparable equipment and components, as availability requires. Specifications subject to change without notice.

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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