PowerPACS
Orthopedics™:
Providing Reliable
Tools Specifically
Tailored to the
Orthopedic Surgeon

We realize not every practice is the same. We strive to first understand your facility’s special needs and then prepare a custom solution that meets your objectives. RADinfo SYSTEMS has implemented hundreds of customer-designed digital image solutions in medical facilities around the world.

The first affordable PC-based digital image system designed for orthopedic practices. This digital approach allows an orthopedic practice to remove the inefficiencies of traditional film and forget many of the tedious tasks such as developing, transporting, storing, and retrieving cumbersome films. With PowerPACS for Orthopedics, everything is electronic and moves transparently through the office – at a fraction of the time and space it normally took – without all the chemicals and special accommodations.

PowerPACS for Orthopedics is a suite of Acquisition, Archiving, Viewing, and Printing products that form a complete digital image environment or Picture Archiving & Communications Systems (PACS). Having secured access control and conformance to HIPAA and to DICOM version 3.0, PowerPACS Orthopedics is highly utilized with DICOM protocol to realize smooth workflow in the orthopedic department.

**Acquisition**
- Proven connectivity to modalities from all major vendors. Provides DICOM Modality Worklist and MPPS services for smooth workflow in image acquisition process.
- HL7 interface to existing RIS/HIS. Keeps its department level database in sync with the facilities database. It receives patient demographic data and order information from the hospital database, and sends report back to the hospital-level report repository.

**Archiving**
- Robust archiving system. Powered with a highly efficient archive server. The archived data has a redundancy in off-shelf or off-site DVD storage. The off-line DVDs are indexed with a database for easy disaster recovery.

**Viewing**
- Full Web access and Web distribution. View diagnostic quality, DICOM-compliant images in the exam room, the office or the operating room via your local intranet or anywhere in the world with a secured Internet connection utilizing our FDA 510K certified RSVS technology.

**True Calibration**
- True Calibration allows for adjustment of magnification within images to create a 1:1 ratio between the image and selected template. With magnification markers and the calibration tool, doctors can correct the magnification found on all radiological images.

**Digital Template**
- Integrated Templating is a must for the digital orthopedic environment. The template feature allows surgeons to access images and prepare for surgery in a digital environment. Keeping your workflow in mind, we obtain the templates you currently use for prosthesis and input them digitally into the system.

**Printing**
- When patients or other providers request images, print to film or paper or burn to CD/DVD, according to your needs.
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.

System Map

1 PowerPACS RIS Lite
   Strengthens your medical practice with the ability to pre-fetch prior records and synchronize a modality worklist to a practice management or EMR system via HL7.

2 PowerPACS Archive Server
   A DICOM image management system for archiving, routing, retrieving and managing medical images and related patient data.

3 PowerARCHIVE
   A disaster recovery solution for unattended CD/DVD production for PACS off-site archiving.

4 PowerPACS RSVS
   Using the PowerPACS Web Server, users can view DICOM studies with the most comprehensive set of tools.

5 PowerPACS Web Server
   An easy and affordable web-based solution to securely extend DICOM images through an imaging department via local intranet or Internet.

6 CD PowerPACS
   An inexpensive way to easily produce, transport and view full-fidelity DICOM images with patient records and reports.

7 PowerPACS DICOM Print
   An easy way to convert and print DICOM images into hard copy film. Have the ability to print when the demand is needed.

8 PowerPACS Image Importer / PowerPACS Migration
   Allows the ability to import studies from outside facilities or legacy archive systems seamlessly into your current PACS.

9 PowerPACS Inter2000 Film Digitizer / PowerPACS Document Scan
   A simple film conversion solution for consolidation of patient images in DICOM format.