

**eRAD RIS** unifies radiology workflow and enhances the financial and operational elements of imaging facilities. Centrally manage patient information, procedure schedules, insurance verification and room allocations for single or multiple sites from a single, integrated application. Eliminate costly interfaces and achieve system compatibility. Improve recordkeeping and administrative efficiency.

- Web-based infrastructure allows for easy distribution of the tools and automatically delivers user profiles to the user's workstation.
- Drag-and-drop technology makes defining and adjusting exam schedules quick and easy.
- Patient information management and calendar functions, plus pre-registration, double booking, complex multi-procedure exams, black-out days and times, insurance pre-certification, document scanning, form printing, automatic faxing, email notifications and customized administrative reporting.
- Combined view of all modalities and rooms across multiple facilities, assuring optimal use of resources.
- Flexible worklist management makes for a user-customizable working environment.

eRAD RIS is a web- and standards-based solution offering flexibility and secure, remote access. eRAD RIS is available as an adjunct to eRAD PACS, where it is combined with flexible and reliable image management, diagnostic viewing, reporting creation and distribution tools.

## Features

Web-based architecture

- Single login access to RIS and PACS

Patient and procedure data entry

- Pre-registration
- Customer defined required fields

Data confirmation and correction during check-in and check-out

Modality worklist

Procedure scheduling

- Centralized scheduling

Drag and drop scheduling calendar

Room allocation blocking

- Double booking
- Exam time modifications

Multi-procedure exams

Missing data notifications

Procedure detail conflict alerts

Reimbursement management

- Procedure authorization

Pre-certification

Insurance verification

Multiple payers

Workers compensation support

Centralized resource management

- Single and multiple facility scheduling

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“We have been delighted with the eRAD PACS since it was installed in early 2008. Now we have implemented eRAD's Integrated Scheduling Module to streamline our workflow across multiple facilities. This is a giant step toward our goal of becoming both filmless and paperless.”

**Amy Wendt – Manager of Operations and Business Development  
Community Imaging, Michigan, IN**

**Dictation and transcription**

- Integrated with eRAD PACS diagnostic viewing application
- Voice dictation and speech recognition
- Web-accessible transcription tools

**PACS integration**

- Database-level integration with eRAD PACS
- Patient history access for previously acquired images and reports
- Provide patient and exam information for DICOM Modality Worklist
- Create DICOM-compatible CD/DVDs or print film

**HL7 support**

- ADT and patient demographics exchanged with HIS and EMR

**Billing features**

- Billing and procedure details exchanged with billing systems
- Batch billing submission to third party billing systems

**Document scanning and printing**

- Scan patient ID, insurance and other documents
- Print customized charts and order details

**Customization**

- Site defined GUI pages and panels
- Role-based customizable worklists
- Site specific forms

Pre-initialized forms with patient and exam information if applicable

**Administration reports**

- Customized management reports
- Auditable HIPAA-compliant log files tracking all user activity
- Support for Crystal Reports
- RVU calculations

**Technical specifications:**

- Browser-based user interface using Java v6
- Secure 128-bit SSL encryption
- HIPAA compliant access restrictions and network security

The screenshot shows the 'Edit Patient' form in the eRAD system. It includes fields for Name (First, MI, Last, Suf), ID, DOB, Social Security Number, Address, Home Phone, Cell Phone, Work Phone, E-mail Address, and HIPAA notice. Below these are sections for 'Indicators and allergies' with checkboxes for conditions like Diabetes, Previous Contrast Reaction, and Drug Allergies. There are also sections for 'Guardian Info', 'Employer Info', 'Emergency contact Info', and 'Insurance Provider Info'.

Patient Information Entry Page

The screenshot shows the 'Edit Order' form in the eRAD system. It includes fields for Accession Number, Status, Patient, Referrer, Reason for Order, Laterality, Scheduled Start Date/Time, and Scheduled End Date/Time. There are also sections for 'Attachments' and 'Insurance Info' with buttons for 'Save', 'Save & Schedule', 'Save & Clone', and 'Cancel'. At the bottom, there are icons for various forms like 'New HS', 'Patient Information', 'Benefit Assignment', etc.

Order Entry Page

“eRAD offered the flexible workflow along with many RIS features such as integrated Voice Recognition required of our demanding virtual reading environment.”

**Doug Smith, M.D. – Principal  
Musculoskeletal Imaging Consultants, Inc.  
(MSKIC) of San Antonio, TX**