eRAD RIS

A comprehensive solution suite for seamless, multi-site efficiency gains.

eRAD

eRAD's EHR-Certified RIS is an all-in-one solution. Designed from the ground up by a team of veteran imaging center operators, radiologists, and programmers, eRAD RIS solves the real-world problems facing multi- site, multi-modality imaging centers today.

After evaluating RIS offerings in 2010 for its own imaging centers, RadNet (the country's largest owner-operator of outpatient imaging centers) started from scratch. The company teamed with experienced RIS software developers to commission a new RIS for their 300+ imaging centers. Strong collaboration among expert imaging center administrators, operators, radiologists, and IT professionals resulted in a new and comprehensive workflow automation solution—one that offers tools and features specifically designed to meet the challenges of medical imaging in today's market.

eRAD RIS makes it simple to save time, streamline billing, and optimize resources. Powerful tools, like barcode scanning of patient IDs and auto-populate functions, minimize costly data input errors. Innovative features—such as photo capture and transfer of an insurance card or prescription directly into the RIS—plug time and revenue leaks. Users have insight into all operations; patient information, documents, schedules, resources, insurance rules, and authorizations are centrally managed from a single, integrated application. Productivity is tracked in real-time on dashboards and through complete management reports. Tight integration with eRAD PACS enhances workflow beyond a traditional RIS/PACS interface, for a powerful impact on productivity.

FEATURES

▶ **Clinical Decision Support**
Easy workflows to manage CDS data plus integration with qualified mechanisms to evaluate study appropriateness—with no cumbersome login to another system.

▶ **Native Speech Recognition and Reporting**
State-of-the-art voice recognition, roaming profiles, and auto-loading report templates to boost productivity. Embedded, natural-language technology with no third-party interface to manage.

▶ **SecurePIC**
Secure, bi-directional request to patients for photo capture of prescriptions, insurance cards, or any document, improving the speed and accuracy of patient registration and care.

▶ **Integrated mammography tracking and reporting**
Automatic patient follow-up and tracking based on BI-RADS® assessments, with full MQSA reports and secure report sharing. Increased patient loyalty with no with third-party licensing hassles.

▶ **RADAR Nudge**
HIPAA-compliant messaging direct from eRAD RIS for radiologists, clinicians, and administrative staff, with the option to include images, files, and patient data.

▶ **Print to RIS**
Transfer of external documents (web pages, emails, etc.) directly into Attachments section of open patient record in eRAD RIS, for substantial reduction in paper handling.

"With eRAD RIS, I have amazing insight and control over what's happening in our imaging centers. With its real-time reports and dashboards, I can see exactly what's going on moment-by-moment, as well as take a look at the big picture. Armed with accurate, up-to-date information, I can confidently make decisions that I know will substantively improve our business."

Vickie Bedel
Senior Vice President
Northeast Operations
Lenox Hill Radiology

Quick and easy user adoption
Drag-and-drop technology and other intuitive features make defining and modifying exam schedules quick and easy.

Resource optimization
Users see combined and filtered views of modalities and rooms across multiple facilities, assuring optimal use of resources. Modalities, rooms, and patient preferences can be scheduled across sites for high utilization and throughput.

Flexible worklist management
Users can customize worklists to fit their environment or preferences.

Scalable to any size
Native web-based architecture makes it easy and economical for large and small practices or departments to deploy. Whether running on eRAD's cloud infrastructure, Amazon Cloud, or your own dedicated hardware or virtualized environment, deployment is scalable without sacrificing speed or performance.

Portable profiles
Our web-based infrastructure means that user profiles, which include all the tools tailored to that user's preference, follow the user to any workstation.

▶ **Patient ID Recognition**
Automatic match of patient's scanned ID to day's schedule or entire database, with option to auto-populate new record from scanned ID for fewer duplicates.

▶ **Patient Signature**
Digital workflow tool to capture patient signature, reducing patient registration times and increasing patient satisfaction.

▶ **Digital Forms**
Custom, study-dependent questionnaires, tech worksheets, or any unique form—completed directly in eRAD RIS for easy pull into diagnostic or management reports.

▶ **Inbound Document Capture**
Electronic receipt of incoming faxes, with worklists to route attachments to the correct patient record and create new orders, if needed. Freedom from multiple call-backs and too much paper.

▶ **EHR certification with real-time analytics**
Centralized dashboard with real-time intelligence on key business objectives—from wait times to utilization. Comprehensive reports on all aspects of the practice for strategic, successful decisions.

▶ **Optimized worklists**
Worklists dynamically support productivity across the full life cycle of a patient visit, from orders and registration to signing protocols and billing. Worklists help multi-site practices achieve operational goals, such as auto-routing to defined reading groups for balanced study distribution.

UNDER THE HOOD

Commercially released in 2012, eRAD RIS was built from the ground up using the latest software architecture (Microsoft.NET Web-services and SQL Server database). The security layer is integrated into the rich client, enabling secure access via an internet connection. The GUI (Graphical User Interface) is intuitive and employs many of the commonly-used navigation functions found in most popular internet sites today. The system employs a powerful search infrastructure, making access to data faster and easier. There is an integrated document management and distribution capability which allows acquiring, storing, managing, and distributing information a snap. A powerful reporting engine based on MS SQL Report Writer is integrated for creating ad-hoc management, statistical reporting, and real-time dashboards.

The reporting power in eRAD RIS is driven by these technologies:

• Web enabled multi-tier architecture supported by MS Web services
• MS SQL Server relational database
• Robust management reporting via MS Report Server
• Support for both RIS and network-based user authentication
• Full support of DICOM modality worklist integration with facility scanners
• Full support of HL7/XML integration with third-party systems
• Scalable to practices and departments of all sizes

Native web-based architecture makes it easy and economical for practices of various shapes and sizes to deploy eRAD RIS. Whether running on eRAD's cloud infrastructure, Amazon Cloud or your own dedicated hardware or virtualized environment, deployment is scalable without sacrificing speed or performance.

eRAD RIS Meaningful Use Certification Adherence
This EHR Module is 2014 Edition compliant and has been certified by an ONC-ACB in accordance with the applicable certification criteria adopted by the Secretary of the U.S. Department of Health and Human Services. This certification does not represent an endorsement by the U.S. Department of Health and Human Services or guarantee the receipt of incentive payments.

eRAD, Inc.
Certified date: 4/17/2014
Version: eRAD RIS Version 2
Certificate No: 04172014-1801-8

Modules Tested:
170.314(a)(1-15); 170.314(b)(1-5,7);170.314(c)(1-3);170.314(d)(1-8); 170.314(e)(1-3); 170.314(f)(1); 170.314(g)(2,3,4)

Clinical Quality Measures Tested:
CMS050v2; CMS065v3; CMS069v2; CMS117v2; CMS125v2; CMS127v2; CMS138v2; CMS155v2; CMS165v2

Additional Software Used:
NewCropRx, Secure Exchange Services, MedLinePlus