

eRAD's EHR-Certified RIS is a comprehensive solution designed from the ground up by a team of veteran imaging center operators, radiologists and programmers—all working together to solve the real-world problems in today's busy, multi-site imaging centers.

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 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 allows users to centrally manage patient information, documents, schedules, resources, insurance rules and authorizations from a single, integrated application. Productivity is tracked in real-time on dashboards and through complete management reports. Powerful tools, like barcode scanning of patient IDs and patient merge, and autopopulate functions allow you to avoid costly data errors. Innovative features—such as photo capture and transfer of an insurance card or prescription directly into the RIS—plug time and revenue leaks. Tight integration with eRAD PACS enhances workflow beyond a traditional RIS/PACS interface, increasing efficiency and accuracy.



### EHR certification with real-time analytics

Certification features are not an after-thought, but integrated into eRAD RIS, so that you gain every advantage of eligibility in compliance with the latest requirements. Full reporting provides high-level and granular results, in real time.



### Native speech recognition and reporting

State-of-the-art voice recognition, STAT exam management and report templates (made fast and flexible with macros) are a few of the ways eRAD RIS boosts reading productivity.



### Optimized reading tools

The appropriate PACS viewer and reporting mode can auto-launch, based on custom criteria, and exams can be auto-routed to defined reading groups for balanced study distribution. Plus, HIE records can be accessed directly from the reporting screen.



### Integrated mammography tracking and reporting

Automatic patient follow-up and tracking is based on BI-RADS® assessments, which assists in meeting MQSA requirements for accreditation. Special breast imaging reports can be securely shared, and targeted follow-up increases patient loyalty.

“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**

*Vice President of Operations*

Hudson Valley Radiology Associates

#### » **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.

#### » **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.



## Comprehensive patient and resource handling

Users get complete 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.

## 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 metaphors found in most popular internet sites today. The system employs a powerful search infrastructure, making access to data intuitive. 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