Centricity® RIS-IC

A more intelligent approach to radiology workflow
Bring the power of GE Healthcare to radiology workflow with Centricity RIS-IC

Radiology departments face many challenges in today’s healthcare environment. While the volume and complexity of imaging continue to increase dramatically, rising healthcare costs and increased scrutiny of departmental budgets are compelling organizations to find new ways to drive efficiency and quality while still providing a level of service that enables a competitive advantage.

GE Healthcare has developed a unique perspective on radiology workflow through years of working with a broad spectrum of healthcare organizations to understand their complex radiology workflow and information technology requirements. We have leveraged this expertise to create new tools that will help you streamline the many workflow processes within your department.

Centricity RIS-IC is the platform for a more intelligent approach to imaging, one that takes full advantage of the information residing in RIS. This robust suite of tools can help your radiology department:

- **Increase staff productivity, which can allow for more time for patient care**
- **Seamlessly manage patient and image tracking to improve operational efficiency**
- **Increase patient throughput and reduce lost charges to enhance revenue capture**

From the moment a patient enters your facility until the diagnostic report is made available to the referring provider, RIS-IC’s end-to-end workflow sets a new standard in clinical and administrative excellence.
A clinically advanced imaging workflow

Centricity RIS-IC relies on a web-based architecture with full desktop integration, providing radiology departments with a broad spectrum of capabilities, including:

- Global access to information
- Smart patient matching to help ensure patient data integrity
- Rules-based, multi-organizational scheduling for better resource utilization
- Patient and image tracking for efficient workflow
- Streamlined radiologist and technologist workflow
- Critical alert management workflow
- Task-oriented worklists to manage multiple radiology-related tasks
- Intelligent image routing to better connect global imaging systems

RIS-IC’s integrated document management features support paperless workflow by making critical information readily available and accessible. RIS-IC also provides critical alert management workflow and offers a number of different types of worklists to drive productivity and efficiency.

An integrated, scalable approach to implementation

With multiple levels of integration, including desktop integration with PACS and diagnostic reporting, Centricity RIS-IC streamlines radiology workflow. GE Healthcare has also designed RIS-IC to be modular and scalable, allowing its functionality to grow with your organization.

Increase productivity across radiology, and beyond

Centricity RIS-IC is designed not only to improve workflow and productivity for radiologists, but to increase administrative efficiencies across multiple-site organizations.

Administrative workflow tools

The administrative tool set includes features that seamlessly handle patient tracking, with time stamps for metrics as well as automatic and manual scheduling of exams and procedures. Centricity RIS-IC also allows staff to search across multiple organizations when scheduling appointments, with support for multiple time zones, and produces a wide range of reports for daily operations management.

Radiologist workflow tools

With a single view of the enterprise, documents, and patient histories, Centricity RIS-IC lets radiologists spend less time searching for the documents and other information they need so they can direct their focus to reading and reporting on patient exams.

Other features designed to improve radiologist workflow include:

- Available embedded diagnostic reporting and critical alert management workflow
- Integration with most major radiology IT systems including PACS, diagnostic reporting applications and more
- Access to information across specialty and procedural lines
Precision Reporting — A more intelligent approach to diagnostic reporting

Because accurate, timely reporting is critical to every aspect of patient care, GE Healthcare brings you Centricity Precision Reporting. Precision Reporting extends the power of Centricity RIS-IC by taking you far beyond informatics and administrative radiology management, supporting your organization’s efforts to:

• Maintain or enhance its current dictation workflow
• Reduce transcription costs
• Improve turnaround times

At the core of RIS and RIS workflow, Precision Reporting uses advanced speech understanding technology to transform normal speech into structured and meaningful clinical documents. The state-of-the-art speech engine simultaneously recognizes speech and combines natural language processing that builds structured and encoded content, allowing the radiologist to speak in a more conversational pattern.

The Precision Reporting application is an integral component native to Centricity RIS-IC. As a result, data such as protocol, medications, and signs and symptoms can be defaulted into the report — thus eliminating redundant dictation. The diagnostic reporting workflow itself is streamlined, enabling users to quickly learn how to use the application. This enables users, regardless of experience of voice recognition systems, to begin using Precision Reporting with minimal disruption of workflow.

Precision Reporting’s ability to automatically associate the appropriate report template and the relevant clinical information allows the radiologist to realize greater productivity by:

• Reducing the need for physician and staff training
• Highlighting potentially clinically relevant terms for easier review
• Presenting a consistent approach to workflow that takes advantage of information native to the RIS
Paperless Workflow — Freeing radiology from a paper-based world

The need to handle physical paperwork can present a significant barrier to productivity. This time-consuming activity increases administrative costs, while also increasing the possibility of lost, misplaced or damaged forms and potentially hindering clinical effectiveness.

Utilizing RIS-IC Paperless Workflow can improve workflow, preserve data integrity and boost productivity. Reducing paper can save time, money and reduce the need for facility storage space. Centricity Paperless Workflow embedded with RIS-IC not only takes the paper out of the workflow, but makes information accessible when and where it’s needed — only a click away.

Streamline productivity with eForms

Electronic forms produce patient electronic files and signatures, helping support your efforts to:
- Access information where and when it’s needed — without chasing paper
- Minimize data entry and improve information capture
- Reduce costs associated with paper management

These electronic documents also make it easier to access files and manage the key documentation that must be completed for each exam.

Convert existing paperwork with Document Management

Quickly and easily convert your existing forms into globally accessible electronic files that can be shared across your enterprise to facilitate multiple efficiencies, including:
- Easy access to information typically captured on paper
- Reduced costs

Access to electronic files can help to improve the clinician’s ability to deliver quality patient care by providing the right information at the right time.

Streamline registration with Patient Self-Service

This patient self-service kiosk for radiology check-in helps patients feel in control, which can improve their overall satisfaction with the radiology experience. Administrative staff can benefit from a reduction in the overall effort associated with the patient check-in process and can focus on other tasks.

Your organization can realize:
- Increased patient throughput
- Reduced paperwork costs
- Improved management of patient documentation
- Reduced patient wait times
A complete breast imaging information management solution

The Mammography Administration Module (MAM), a module of Centricity® RIS-IC, is designed to maintain records on breast imaging exams. MAM provides structured diagnostic reporting, automated tracking of management recommendations, generates follow-up letters for patients and their healthcare providers, and maintains a log of follow-up statistics, that can help support your efforts to comply with the requirements of the Mammography Quality Standards Act (MQSA), the federal legislation governing breast imaging facilities.

MAM is based on information contained in ACR BI-RADS® (the American College of Radiology’s Breast Imaging Reporting and Data System lexicon of terminology). MAM offers flexibility in recording information about breast imaging exams and working with MAM follow-up recommendations, an integral part of generating outcome monitoring statistics.

The Centricity RIS-IC Mammography Administration Module can help you:

• Improve data entry and access to information
• Facilitate compliance and audits where breast imaging data is required
• Increase productivity by reducing redundant data entry into a separate mammography information system
• Manage the work related to the breast imaging workflow and associated diagnostic report, and follow-up letter generation

A proven solution from a trusted leader in healthcare IT

With nearly 30 years of serving the healthcare market, including development of the first RIS system, GE Healthcare is a leading provider of healthcare IT solutions. Our experienced ITPS workflow consultants are always ready to share their thought leadership in planning and implementing systems to help you streamline your operations.

Centricity RIS-IC is currently in use by 17 of the top 21 U.S. hospitals¹ (US News & World Report), and is used to process more than 60 million exams annually.

You can count on GE Healthcare for continuous innovation and improvement, driven by input from our customers.
For more information

Contact your GE Healthcare representative for more information about Centricity RIS-IC.

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About GE Healthcare
GE Healthcare provides transformational medical technologies and services that are shaping a new age of patient care. Our broad expertise in medical imaging and information technologies, medical diagnostics, patient monitoring systems, drug discovery, biopharmaceutical manufacturing technologies, performance improvement and performance solutions services helps our customers to deliver better care to more people around the world at a lower cost. In addition, we partner with healthcare leaders, striving to leverage the global policy change necessary to implement a successful shift to sustainable healthcare systems.

Our “healthymagination” vision for the future invites the world to join us on our journey as we continuously develop innovations focused on reducing costs, increasing access and improving quality and efficiency around the world.

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