

# Introducing Centricity™ RIS-i

Helping to increase the quality and efficiency of healthcare documentation processes



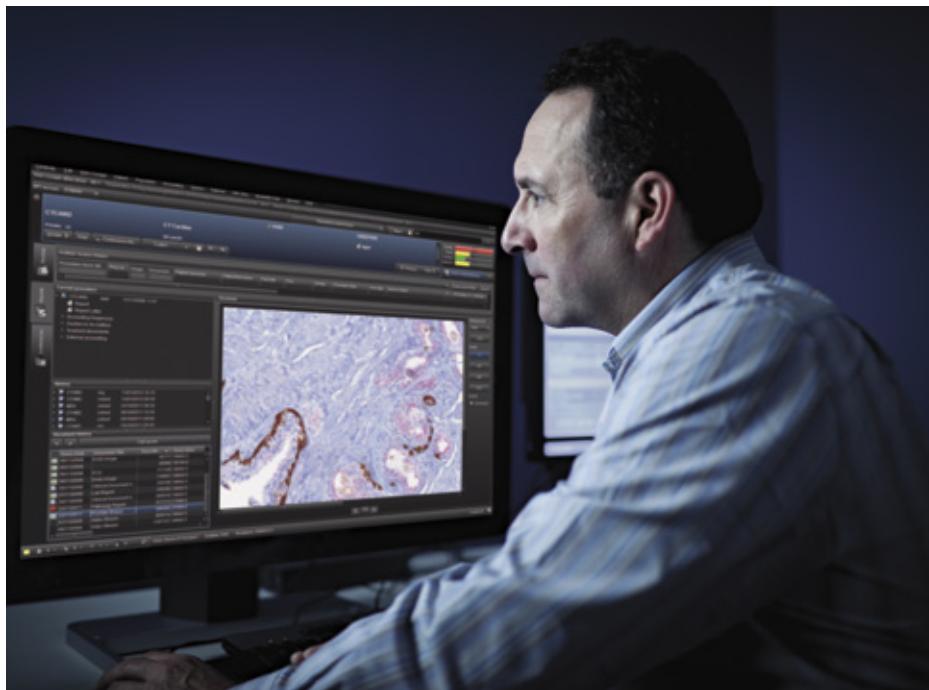
In a healthcare environment, where time and resources are at a premium, the ability to increase efficiency while delivering the highest standard of patient care has never been more crucial.

Against this backdrop, GE Healthcare's Radiology Information Systems (RIS) helps organisations to manage their radiology workflow in the most effective way. It can also provide the breadth and depth of functionality to facilitate remote reporting, departmental productivity monitoring and management of multidisciplinary meetings and, at the same time, is easily tailored to suit all workflows and user needs.

Centricity RIS-i is a scalable, configurable and modular radiology workflow solution that can support the challenges of individual specialties, hospitals or entire health systems, both now and in the future.



With over 20 years of experience in delivering radiology information systems across more than 40 countries worldwide, GE Healthcare has developed an enhanced RIS solution that can help your organisation to address the need for more productivity and integrated collaborative care.



## Supporting increased productivity

Centricity RIS-i provides a streamlined workflow, advanced clinical tools and real-time insights, contributing to increased productivity and reduced costs in radiology services across multiple departments, hospitals and organisations.

### Automating access to information

Centricity RIS-i provides access to regional patient history across specialties and modalities, helping to save time and enabling more effective patient care. By seamlessly interfacing with other IT platforms, RIS-i automatically populates critical data, eliminating duplication of data capture and re-dictation.

Centricity RIS-i is customisable at system, departmental and user levels, allowing staff clinical workload to be prioritised based on need, contributing to improved turnaround times for critical exams.

### Helps drive departmental efficiency

Centricity RIS-i provides patient tracking functionality, with time stamps for recording key performance metrics. Radiology managers are supplied with actionable data and reports, giving an overview of department efficiency for both internal and national reporting requirements. Enabling real-time performance monitoring within the RIS-i application allows managers to proactively identify and resolve bottlenecks as they arise.

Centricity RIS-i also features powerful scheduling tools, to facilitate a paperless workflow by optimising departmental throughput and contributing to improved patient and staff experience. The Scheduler and Visitation modules can receive electronic requests for vetting by authorised personnel, and use an intelligent, rules-based platform for scheduling exams. This includes triple-vetting, exam linking, pending exams, intelligent appointment letters, intelligent scheduling based on rules and exam turnaround target dates.

## What is different about Centricity RIS-i?

- RIS-i helps to improve throughput, increasing departmental efficiency
- RIS-i facilitates collaboration between referring clinicians, radiologists and other experts in multiple locations
- RIS-i enables teleradiology and cross-site reporting across a healthcare community
- RIS-i supports intelligent scheduling and prioritisation of appointments and procedures
- RIS-i is scalable and customisable to suit individual requirements, and to support departmental needs
- RIS-i aids smooth and efficient scheduling with tools such as rules-based booking templates and colour to ensure appropriate exam planning
- Structured reporting in RIS-i makes reporting faster and also easier to read for clinicians
- Visualisation of AI findings<sup>1</sup> in the RadCockpit enables radiologists to sort the worklist based on the AI findings, populating those findings to the top of the list\*

The paperless workflow eliminates the need for paper-based systems, providing greater access to information, minimising duplicate data entry and simplifying day-to-day management of complex radiology departments.

The configurable screens in the Registration module aid the efficient registration of a patient upon attendance in the department, allowing the reception personnel to capture pertinent information in a streamlined manner. The Exam Recording module captures information acquired at the time of scanning – such as who performed the exam, materials used and dose information. RIS-i can also record MPPS data to streamline the dose capture.



# Reporting

## Centricity eRadCockpit

Centricity RIS-i eRadCockpit is a web-based reporting solution, that facilitates balancing of the reporting workload across multiple sites:

- Reporting can be undertaken from anywhere, at any time, independent from the patient's location<sup>2</sup>
- Reporting workloads can be shared between radiologists across multiple hospitals
- Supplements local reporting systems
- No replacement is required
- Thin software deployment, application anywhere
- WAN-optimised solution for rural IT infrastructures
- May help in the reduction of taking duplicate exams.

Centricity RIS-i eRadCockpit provides a high-end teleradiology solution for central reporting workflows across multiple decentralised Centricity RIS/PACS.

## Centricity RadCockpit

Centricity RIS-i RadCockpit is an integrated reporting solution designed to help increase productivity. It provides a valuable link between clinicians who provide diagnosis, administration and patient. Centricity RadCockpit enables:

- Regional patient jacket and complete clinical information via XDS Consumer
- Direct on-demand access to patient history
- Image link to all historical studies
- Structured reporting
- Productivity display of reporting workload
- Seamless integration of Centricity PACS.

Centricity RIS-i RadCockpit not only takes over from paper and administrative work, but also helps to optimise the hospital's workflow.

## Global reporting workflow

Configurable separation of patient, study and report data between different locations/institutes:

- Global worklist for remote web reporting
- Comprehensive text editor with spell check and voice commands for text formatting
- Web-deployed voice recognition
- Remote reporting/home reading
- Regional reporting across multiple sites
- Global desktop interface to multiple Centricity PACS
- Reports generated and routed back to the source HIS/RIS
- Reports can be submitted to XDS repository and registry.

### Global worklist access Web viewing and reporting



# Driving integrated collaborative care

## Conferences and multidisciplinary team (MDT) meetings

### MDT Clinicians Module

The MDT selector allows clinicians outside radiology to select studies for an MDT meeting, and can be launched from external applications via a URL. The clinician can assign a study to an MDT meeting, enter a reason for the conference and schedule the meeting for a preferred date. Clinicians can see which studies are already assigned to an MDT meeting and configure a maximum number of studies.

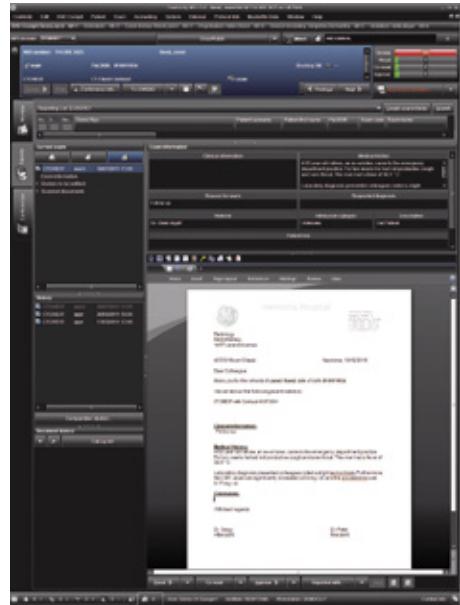
### Preparing for and running MDT meetings and conferences

Reporters in RadCockpit or eRadCockpit can assign procedures to, prepare for and run conferences/MDT meetings from the Conferences tab in RadCockpit or eRadCockpit. Additional conferencing functionality – available in RadCockpit –

includes an auto-add to conference, the ability to move and/or copy procedures between conferences, conference sub-selection and display, and the capability to pause mid conference. A conference audit feature allows users to see which conferences a procedure has been demonstrated in, as well as those it has been assigned to, or moved, copied or deleted from.

### MDT Meeting Documentation

Centricity RadCockpit allows the user to create MDT notes in order to record the outcome and decision of the MDT meeting. These MDT notes then can be published to an XDS repository. Alternatively, there is easy access to write a report addendum.



## Integrating care

Centricity RIS-i provides unified access to the regional patient history through close interfacing with PACS and VNA.

This integrates RIS with the broader community, enabling radiologists to share images and XDS patient history with referrers and external specialists.

The RadCockpit Reporting module provides an embedded XDS consumer showing documents and images from connected XDS repositories.

## Centricity RIS-i

# Did you know?

**430** Centricity RIS-i  
systems installed globally

Centricity RIS-i  
is available in  
languages

**14**

Centricity RIS-i was used in the  
**London 2012**  
**& RIO 2016**  
Olympic Polyclinic

Centricity RIS-i  
can be sold in  
**countries**

**54**

## Time for change?

Whether or not you are a current GE user, upgrading to our Centricity RIS-i solution couldn't be easier. And, because we have been continuously improving our RIS technology over the past 20 years, you can be confident that it will be easy to use, reliable and efficient.

To find out more about the GE Healthcare Centricity RIS-i solution and how we can help you, please contact your local GE Healthcare sales representative.

For more information about GE Healthcare and our solutions, visit our website at [www.gehealthcare.co.uk](http://www.gehealthcare.co.uk)

## GE imagination at work

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GE Healthcare is a leading provider of medical imaging, monitoring, biomanufacturing, and cell and gene therapy technologies. GE Healthcare enables precision health in diagnostics, therapeutics and monitoring through intelligent devices, data analytics, applications and services. With over 100 years of experience and leadership in the healthcare industry and more than 50,000 employees globally, GE Healthcare helps healthcare providers, researchers and life sciences companies in their mission to improve outcomes for patients around the world. Follow us on [Facebook](#), [LinkedIn](#), [Twitter](#) and [The Pulse](#) for latest news, or visit our website [www.gehealthcare.co.uk](http://www.gehealthcare.co.uk) for more information.

<sup>1</sup> All findings are obtained from AI algorithms which are integrated with GE PACS Solution..

<sup>2</sup> Where an internet connection is available.

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