Centricity Cardio Enterprise Solution

Empowering Cardiologists to Enhance Patient Care
An Enterprise Solution to Meet the Changing Needs of Cardiovascular Care

The landscape of cardiovascular care is changing rapidly. With an increasing portion of the population aging across the globe, new innovative cardiac procedures blending what traditionally have been separate departments, and a stronger focus on evidence-based medicine, cardiology departments are facing new challenges to deliver better outcomes to their patients while also ensuring higher revenues, lower operational costs, and superior physician and employee satisfaction.

All these factors demand a fundamental shift in the cardiovascular IT paradigm – and finding the right cardiovascular IT solution to meet these changing needs is no easy task.

The solution must serve the needs of the entire department, even if that department extends across multiple facilities and multiple locations. It must provide physicians a single point of access to all relevant patient data and images, with full analysis and documentation capabilities, from virtually anywhere.1 The solution must be flexible, adapting to your specific workflow and practices – allowing the clinical team to focus less on documentation and more on patient care. Finally, the solution must provide management tools that will improve operational efficiency and easily support the need to meet regulations and protocols, all at a lower total cost of ownership (TCO).

The solution is Centricity Cardio Enterprise.2

GE Healthcare’s Centricity Cardio Enterprise Cardiovascular Solution provides cardiologists a single point of access to unified patient data, images and reports across multiple modalities, with end-to-end configurable workflows. Centricity Cardio Enterprise Solution empowers cardiologists to enhance patient care through full clinical access, improved productivity and improved revenue cycle efficiencies.

**ACCESS:** Easily and securely access a more complete and clinically rich patient cardiovascular record virtually anywhere,¹ for rapid and more informed clinical decision making.

**PRODUCTIVITY:** Eliminate manual, redundant data entry and tailor workflows for your specific procedures, documentation and reporting needs to help maximize your productivity while helping to support your regulatory compliance.

**REVENUE:** Accurately bill payers and patients for services and inventory to help improve revenue cycle efficiencies.

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¹Where there is an internet connection available
²Centricity Cardio Enterprise solution is comprised of the Centricity Cardio Imaging and Centricity Cardio Workflow products.
Transforming your cardiovascular enterprise

With more than 35 years of experience in delivering advanced cardiology IT software solutions, GE Healthcare devised the formula that is the basis of our Centricity Cardio Enterprise solution:

Cardiology clinical knowledge + Flexible, advanced IT infrastructure + Cardiology user input = A best-in-class solution

This is an enterprise-wide cardiovascular IT solution that will put you in control. Built to provide connectivity to your various clinical acquisition devices, regardless of vendor, with a web-deployable client, you get almost anywhere/anytime access to all software functionality and advanced options.

Centricity Cardio Enterprise solution puts you in control of making the critical decisions from virtually anywhere.

Access the comprehensive patient record

Now you no longer have to sacrifice functionality and speed for remote access. By developing advanced streaming software, we are able to optimize network bandwidth to deliver diagnostic image quality at a higher speed. This allows you to perform a 3D left ventricular function analysis on an echo image while reviewing that patient’s prior CT and working on the echo report, all from the convenience of your office, home, or almost anywhere else you happen to be.

You can rest assured that anytime you log in to the application, the application will look and feel the same, all icons and personalized configurations you have completed will be associated with your unique system log-in. You can configure patient lists, exam lists, and your drop-down menus. That’s personalized, uncompromised access to the cardiology patient record.

With our user-defined forms, you’re in control of configuring your reports to reflect your own style and narrative while preserving the integrity of a relational MS SQL database that allows you to query clinical data elements on demand.

With our Centricity Cardio Enterprise solution, support of unique reporting styles harmonizes perfectly with structured data collection, all combined with:

- A streamlined workflow that provides maximum data transfer from your acquisition devices to speed the reporting process
- An intelligent auto-routing engine that will distribute completed reports where you need them

We know cardiologists are closely connected to their patients, and the cardiologist’s report needs to reflect the user’s unique style, voice, and methodology. At the same time, it must be simple and quick to complete while affording seamless access to a robust database for research and outcomes management.
Enhancing productivity and revenue cycle efficiency through customized workflows

Experience has taught us that the success of a CVIS solution depends on an efficient workflow that can be unique to each area of care and specific to the institution.

Looking at the patient care process throughout the cardiology department, Centricity Cardio Enterprise solution features powerful workflow efficiency tools to help improve your patient throughput and maximize staff productivity. Whether or not your facility generates orders for your cardiology exams, uses an enterprise-wide scheduling system, or uses a cardiology-only scheduling system, we offer multiple advanced interfaces and solutions that are flexible to match your specific workflow.

With many powerful workflow enhancement options that can be tailored to your particular solution, you can expect to:

- **Reduce paper-driven workflows** through robust device connectivity and advanced CVIS data documentation tools
- **Help reduce redundant data entry** and be able to focus on patient care, not multiple documentation systems
- **Auto-distribute** your physicians’ and nurses’ reports immediately to multiple destinations
- **Streamline your billing charge capture process** through automatic uploading of your procedure charges and user-defined charge codes
- **Enhance your revenue** through accurate charge submission and correlating physician documentation to submitted charges
- **Eliminate the need to manually count your on-shelf supplies** with our advanced inventory control module, reducing errors and driving your on-shelf supply usage
Improving management of patient outcomes

No matter how small or large your program is, you need data to tell you what your volumes are, where your patients are coming from, and what specific devices your cardiologists prefer to use. You also need to ensure the data is always available, and can be easily shared.

As a certified vendor for the ACC NCDR Cath-PCI and ICD registries, as well as the STS Adult Cardiac registry, we fully understand the importance of clinical outcomes management for the various cardiology programs and the impact it has on your program and reimbursement.

Outcomes management and data analysis isn't just about providing data collection forms, it's about enabling a streamlined, workflow-focused CVIS solution that allows the user to easily, quickly, and accurately document relevant information at the various stages of the patient care cycle. It's about a robust relational database that provides customizable, easy-to-use tools to harvest and query. It’s about connecting you to your data in the fastest, simplest, most efficient way possible.

Managing the complete implementation process

Any successful CVIS implementation requires the support of internal champions, from senior leadership to the end users. That’s why GE Healthcare brings a systematic approach to change management called the Change Acceleration Process (CAP).

The CAP links technology, people, and process to align stakeholders around a vision of the future that’s more compelling than the status quo — an effective vision that appeals to both the head and the heart and answers the question, “Why change?”

Your GE Healthcare team can provide you with comprehensive support at this stage to align your departmental workflow with your strategic imperatives and achieve the greatest consensus among key stakeholders.

Frequent, consistent communication throughout the implementation helps users see personal benefits in adopting the new process and mobilizes commitment for sustainable change. After “go live,” we can help you track and communicate progress in achieving your organizational objectives as you work toward the real “finish line” of user adoption.
Adapting to your IT enterprise

Because it’s standards-based and vendor-independent, our Centricity Cardio Enterprise solution supports enhanced efficiency and productivity through proven integration with every major clinical acquisition device in the market. It allows you to leverage your existing device investment without the need for extensive upgrades and replacements.

Centricity Cardio Enterprise solution offers advanced interoperability to ensure seamless integration with your IT infrastructure. Using standards such as DICOM, HL7, and IHE, you can share data with your:

- HIS/EMR
- PACS
- RIS
- Physician portal
- Billing systems
- Materials management ordering systems

Compatibility with the hardware, software, and protocols in your facility means easier implementation, simpler support, and streamlined adoption.
Professional services for the life of your solution

GE Healthcare’s Centricity Cardiology Professional Services offer a continuum of support tailored to meet your unique business needs. With our combined clinical, technical and leadership expertise, we provide the most comprehensive and holistic approach to servicing your healthcare IT needs, from comprehensive clinical workflow assessments to flexible and ongoing education.

We understand that your needs today will be different next year. That’s why we will partner with you for the entire lifecycle of your products.

Support

Our experts understand that technical performance is essential to the success of your business, that’s why we’re with you beyond implementation. As a market leader in diagnostic imaging and clinical devices, we have a distinguished record of integration results. GE support service specialists are not only experts with HL7 and DICOM integration, they can help integrate a wide variety of devices and create compatibility across multiple departments.

Key integration services include:

• HL7 Integration
• Multi-Vendor Clinical Device Integration
• Storage Integration
• Image & Data Migration Services

Implementation

Our project managers serve as a single point of contact throughout the implementation process to ensure efficient delivery of installation, integration and training services. They will perform a post-sale review of your statement of work to ensure all needs are met before the project begins. You can expect consistent quality service for all clinical and technical matters.

Our experienced Clinical Workflow Team will partner with you to understand how workflow is managed in your current cardiology labs and use this knowledge to drive integration of the new Centricity Cardio Enterprise solution into this environment. The average Clinical Workflow Team member has over 20 years of experience in healthcare, healthcare consulting, cardiology domain expertise and product knowledge. We drive value by helping you and your department to optimize workflow and efficiency with a focus on quality of care, patient safety and profitability.

No need to wait for on-site support with Remote Operations Center (ROC)

• Staffed 24x7 to proactively monitor your system
• Qualified, experienced engineering staff with more than five years average cardiology IT experience
• Experts who focus on critical issues and urgent requests as well as resolving non-urgent requests
• Structured advanced escalation support to continually reduce time to repair
GE Healthcare—Collaborate with a proven cardiology partner

GE Healthcare created Centricity Cardio Enterprise solution in collaboration with healthcare providers, administrators, and IT professionals to deliver a new cardiology information platform tailored to your needs. We recognize the principles that drive ROI in a cardiology department. With over 35 years of leadership and innovation in cardiology IT systems and solutions, we have vast experience with large, complex multihospital installations.

We also understand how workflows begin at the patient bedside and carry through the entire patient experience within the cardiology department. Our extensive domain experience provides us with clinical insights you can leverage to help identify potential gaps in your own workflow, and apply technology to streamline processes for enhanced productivity.

Centricity Cardio Enterprise Solution empowers cardiologists and the cardiovascular department to enhance patient care through full clinical access, improved productivity, and improved revenue cycle efficiency.

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 help 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 around the world. Headquartered in the United Kingdom, GE Healthcare is a unit of General Electric Company (NYSE:GE). Worldwide, GE Healthcare employees are committed to serving healthcare professionals and their patients in more than 100 countries.

For more information about GE Healthcare, visit our website at www.gehealthcare.com.