

**GE...
Driving EP innovation**

Marquette Medical Systems acquires E for M and MIDAS

1988

- First intraoperative 2D mapping system
- First computerized automated EP measurements
- First dual computerized screens

1994

- First dynamically interactive windows, including Log and Holter
- First fluoro and IVUS image-management capability
- First EP RF ablation interface
- First 2D mapping for high-density catheters

1998

- Prucka Engineering acquires Quinton EP support*
- GE acquires Marquette Medical Systems*
- GE acquires Prucka Engineering*

2002

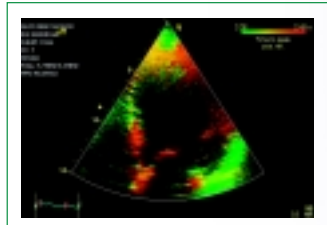
- First Windows-based EP platform
- First simultaneous data-entry capability and central data storage
- First software-only remote EP client solution
- First near-real-time remote review capability

2003

- First bi-directional interface with EP mapping system
- First CT image dissection with correlated 3D mapping
- First tissue synchronization imaging (TSI)
- Sixth-generation EP recording system



CardEP™ CT image dissection



TSI on the Vivid™ 7 Vantage Release for assisting in bi-ventricular lead placement

The added benefits of partnering with GE.

- **Industry-leading service and maintenance**
GE's commitment to service and maintenance helps you improve quality, control cost, and increase department performance.
- **Innovative technology protection**
Users can continue to keep their EP labs state-of-the-art, with flexible and unique finance offerings designed to give you



cost-effective access to the latest GE electrophysiology advancements and help protect you from technology obsolescence.

- **Comprehensive project management**
GE's Project Management Services team can help streamline the implementation process by providing project leadership and a single point of contact to help coordinate implementation plans, physical installation and clinical deployment.
- **A commitment to productivity**
Through its Performance Solutions group, GE delivers increased productivity to your organization by sharing our methodologies (Six Sigma, Change Acceleration Process, Work-Out™, LEAN, Leadership Systems) and best practices. You can engage GE for immediate impact through our Rapid Results™ consulting or to transfer skills to your own team for long-term performance improvement.

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**CardioLab IT
Electrophysiology Monitoring System**



Use the power of IT to manage your clinical data.

GE's legacy of innovation and leadership in advanced EP technology continues with CardioLab® IT, powered by the Centricity® Carddas. CardioLab IT puts an unprecedented arsenal of advanced EP capabilities right at your fingertips, to help you meet the increasing demand for treating complex cardiac arrhythmias.

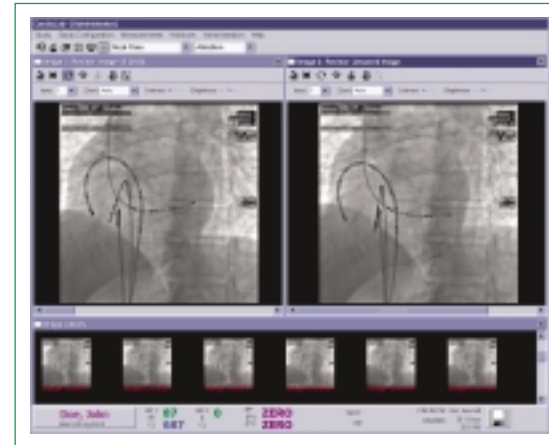
Clean, clear signals and powerful analysis tools.

- High-performance CLab II Plus™ amplifier delivers the quality signals needed for exceptional intracardiac and ECG recording procedure after procedure, producing true bi-polar recordings with up to 224 inputs and 128 channels.
- An intuitive system rich in features and automation and implemented on the familiar Windows® platform helps drive greater process efficiency and quality of care.
- Powerful advanced analysis tools – many of them exclusive to GE – including review scrolling, unmatched caliper functionality, pace detection, simultaneous analysis of multiple activation times, and real-time mapping and trigger tools help streamline even long procedures, and improve analysis and case documentation.
- Scrolling feature lets you review waveforms in both sweep and scroll modes.

Enhance clinical workflow and patient care.

With CardioLab IT, EP physicians can enter documentation directly and easily during procedures, complete reports quickly and accurately, and make confident diagnoses and faster decisions that help them deliver better patient care.

- Customizable electronic documentation lets you complete much of your procedural reporting while a case is in progress – without interrupting the case or compromising your productivity.



CardioImage™ integrates ECG-gated echo and bi-plane X-ray images with zoom features to fit your window's size, allowing you to see everything you're doing simultaneously.



12-lead ECG Quick Connect cable between GE's CardioLab and Biosense Webster's CARTO XP System.

Share 3-D mapping and monitoring information with ease.

The bi-directional interface between CardioLab IT and the CARTO™ XP Navigation and Ablation System lets you automatically share monitoring and mapping information. You can synchronize data for each CARTO Point and deliver a comprehensive EP case report complete with events, vitals, waveforms, ablation parameters and CARTO 3D Electroanatomical Maps.

- Streamlining and simplifying patient setup with a single 12-lead ECG Quick Connect cable reduces connections, cables and patches and improves signal quality.
- Entering patient data once at a single workstation eliminates multiple points of data entry and reduces the potential for errors.

- Simultaneous control of both systems integrates data in real time, letting you view CARTO XP Electroanatomical Maps in the entire context of the case events with all waveforms, data and maps synchronized for clinical accuracy.
- Accessing a single report from CardioLab eliminates the need to shuttle between the mapping system and the recording system.

Maximize administrative efficiency.

By harnessing the power of information, CardioLab IT helps cardiology administrators address their full range of operational, regulatory and business challenges – through faster reports, easy data collection and an enhanced revenue stream.

- Orders, ADT and billing interfaces enable a complete flow of patient information from admission to discharge and improve the integrity of your billing data.
- Combining the CardioLab IT EP System with the Mac-Lab® IT Hemodynamic System, the GE ComboLab IT provides a cost-effective solution that allows dual use of your EP lab.



Display four states of communication between CARTO XP System and CardioLab: Disconnected, Stand-By, Active, Interfaced.