

CardioDay Holter ECG

Every Day is a CardioDay



SEER™ 1000
24 hours



SEER 1000
48 hours



SEER 1000
7 days



Managing Holter volume can be challenging for many ECG departments. Is there a way to maintain your high quality standards while still achieving high throughput, day in and day out? The answer is yes — with the latest generation of CardioDay® Holter ECG from GE Healthcare. CardioDay delivers a powerful combination of clinical quality and workflow advantages you won't find elsewhere.



Designed for the complexity and pace of today's Holter ECG workloads



Speed

Analytical Speed

CardioDay harnesses the speed and standardization of automation while still enabling technicians to control the fine points of study analysis. Data is presented graphically with a visual clarity that enables quick, intuitive operation.



Accuracy

Clinical Confidence

GE's proprietary, clinically-proven algorithms have long been the clinicians' choice for accuracy and consistency. CardioDay's new functionality enhances analytical ease for critical sub-groups, including patients with atrial fibrillation (AF), those at risk of sudden cardiac death, and patients with pacemakers.



Ease of Use

Streamlined End-To-End Workflow

CardioDay is the only Holter ECG system compatible with GE Holter recorders, bedside monitors, telemetry, and MUSE® systems — delivering a streamlined end-to-end workflow solution that helps save time and reduce errors.





Speed

Analytical Speed

CardioDay Holter ECG provides guidance through the analysis process, enabling fast-turnaround and consistent results. Data is presented visually in graphs and charts that highlight relevant trends, critical events, artifacts, and other key insights so users can move quickly and confidently through each study.



Customized parameter sets

Create default parameter sets based on patient age groups and types for faster analysis.

Advanced heart rate trend

Because you can see identified noise regions instantly, you can quickly add/delete regions to create clean data for analysis and immediately spot areas of potential AF.

QuickScan

View all beats in a beat class with one click to quickly spot differences in morphologies. The simple two-button workflow (confirm/delete) speeds analysis.

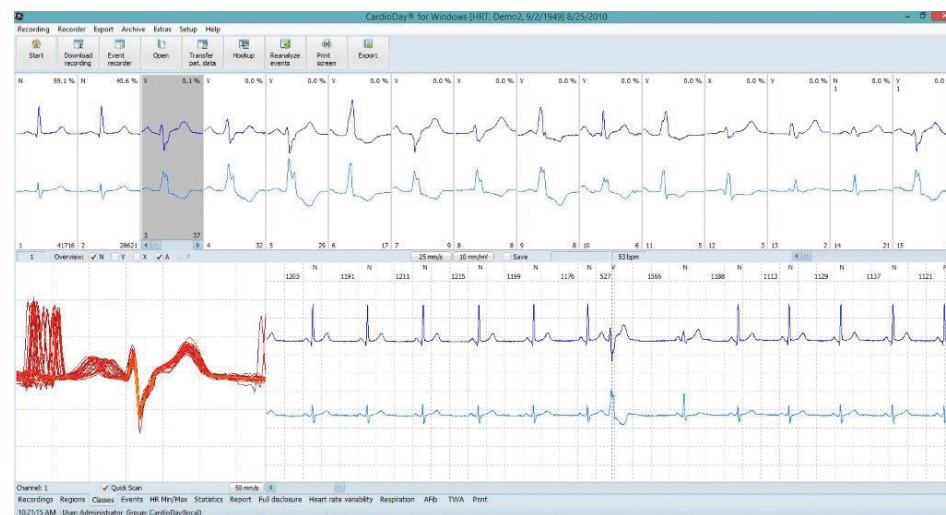
Prioritized event layout

CardioDay automatically displays critical events first in the Events Tab and provides tools for quick adjustments, such as changing speed/amplitude to improve view of PVCs.

Fast, consistent reporting

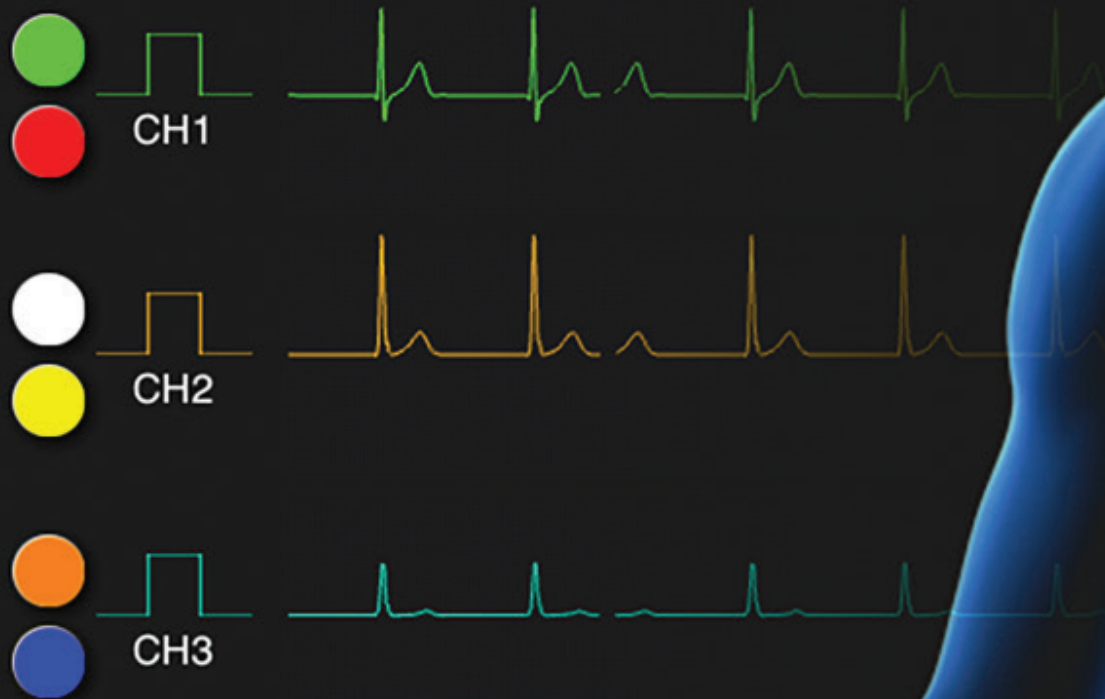
CardioDay significantly enhances reporting speed and consistency:

- Create standardized interpretation statements to quickly populate reports by simply clicking on the appropriate text modules
- Set up different report templates for patient types and/or physicians
- Type less, with word and phrase auto-completion
- Generate v with one click



Classes tab with QuickScan enabled





Accuracy

Clinical Confidence

GE Healthcare has been setting the mark for clinical validity and excellence in ECG analysis since the 1980s. Today our suite of analysis programs are the preferred choice for clinicians and we continue to lead developments in computerized ECG analysis, setting even higher levels of clinical accuracy, validity, and performance — all available to you through CardioDay Holter ECG software.



Comprehensive suite of GE algorithms

Proven over 30+ years and continuously improved to support clinician decision-making, CardioDay algorithms include:

- Heart Rate Variability (HRV)
- QT measurement
- ST segment measurement
- Heart Rate Turbulence (HRT)
- T-Wave Alternans (TWA)

On-demand inpatient Holter

Rather than waiting 24 hours for data collection, clinicians can access data immediately from GE bedside monitors and telemetry via the CARESCAPE™ Gateway, helping to improve speed to diagnosis and reduce patient stays.

Advanced analytics for critical subgroups

CardioDay's advanced functionality helps you analyze patients with specialized needs:

AF patients

Easy, fast validation

- 7-day Holter overview with ability to select 48 hour period for analysis
- Automatic detection of AF episodes
- Automatic SVE suppression during AF

Pediatric patients

Quick set-up, even for infants

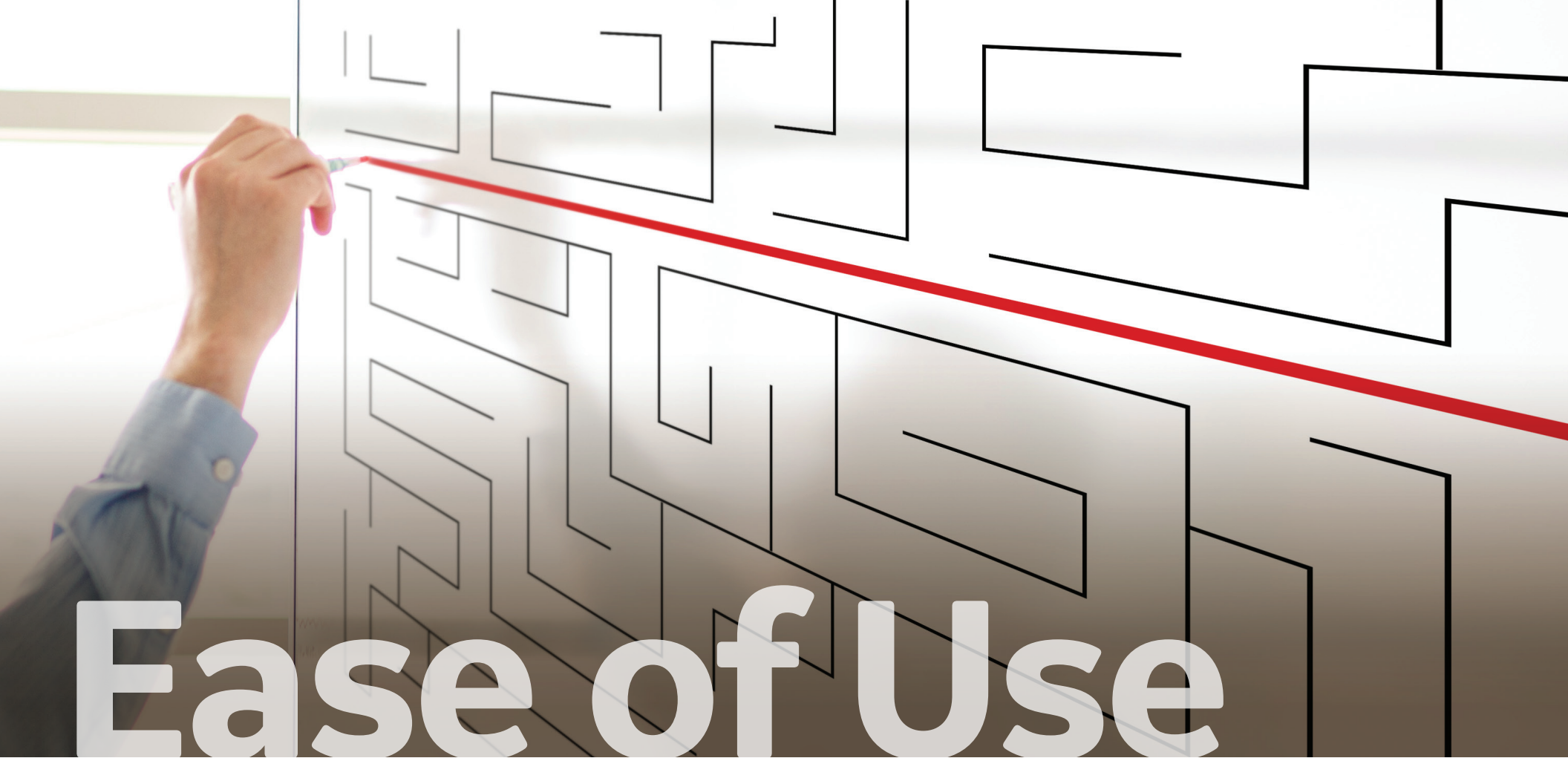
- Small, lightweight recorder with 3-lead cable
- Enables default parameter settings based on age and patient type
- Supports studies of infants weighing <10kg

Pacemaker patients

Identifies pacemaker, optimizes settings

- Automatically determines pacemaker type and sets parameters
- Measures pulse width to ensure pacemaker is working correctly
- Analysis shows exit blocks, over- and under-sensing, and fusion beats to help determine whether pacemaker settings need to be changed





Ease of Use

Streamlined End-To-End Workflow

An integrated cardiac care continuum is critical for efficient, high quality care delivery. CardioDay supports that ecosystem as the only Holter ECG system that optimizes your process — from orders to final report storage allowing satellite sites to upload studies for analysis at a central location — by fully integrating with MUSE, GE Holter recorders, and GE bedside monitors and telemetry.





For users, CardioDay's integrated workflow

- Enhances confidence during patient attachment with integrated ECG preview app
- Harnesses automation to streamline orders and report generation, eliminating repetitive steps
- Allows satellite sites to download Holter data, edit patient demographics, edit patient events, and upload the study for analysis at a central location
- Minimizes manual data entry to improve efficiency and accuracy

For clinicians, CardioDay's integrated workflow

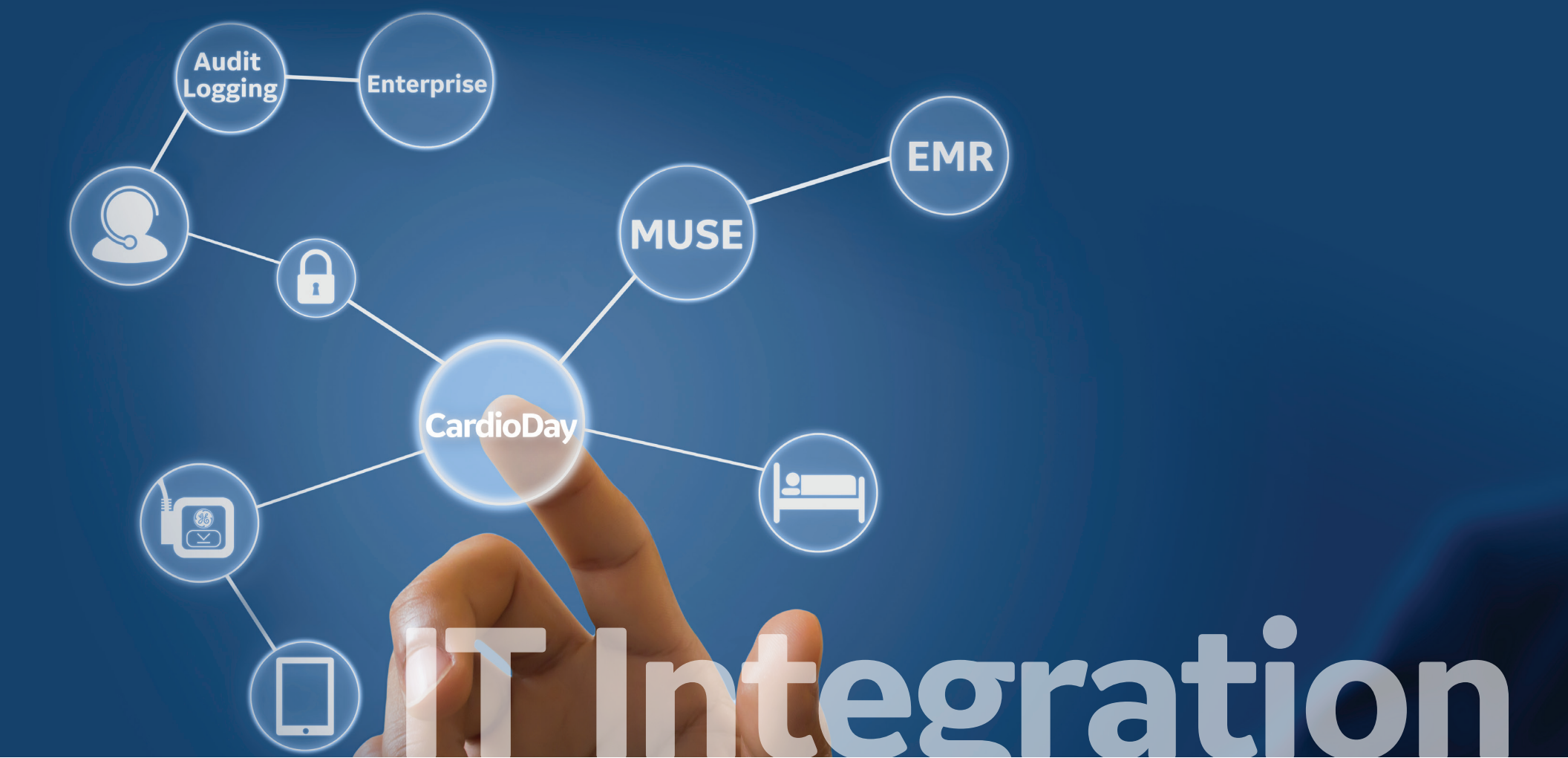
- Enhances productivity with access to data from any workstation, via floating licenses
- Enables immediate access to inpatient Holter data from GE bedside monitors and telemetry, allowing GE analysis algorithms to be used more widely for risk stratification

For administrators, CardioDay's integrated workflow

- Minimizes training requirements
- Enhances staff productivity by making Holter analysis less labor-intensive
- Stretches departmental budgets further

From stand-alone workstations to enterprise-wide networked solutions, CardioDay can help drive operational efficiency, improve access to care for remote patients and clinics, and reduce costs through its flexible configuration and upgrade pathways.





IT Integration and Security

CardioDay is now optimized for IT connectivity with functionality that enables easy, secure integration with facility systems and networks.

Privacy, security, and reliability are key concerns for IT departments in healthcare organizations. CardioDay is designed to integrate seamlessly with existing systems and IT infrastructure, require minimal maintenance, and meet stringent IT security and compliance standards.

Security

- Administrator-controlled, user-assigned privileges help protect data security
- Single sign on to comply with facility standards for user name/password
- Audit logging to facilitate security, privacy, and regulatory compliance
- Tools to help ensure compliance with HIPAA and GDPR standards
- Access to patient information can be restricted by site and location

Integration

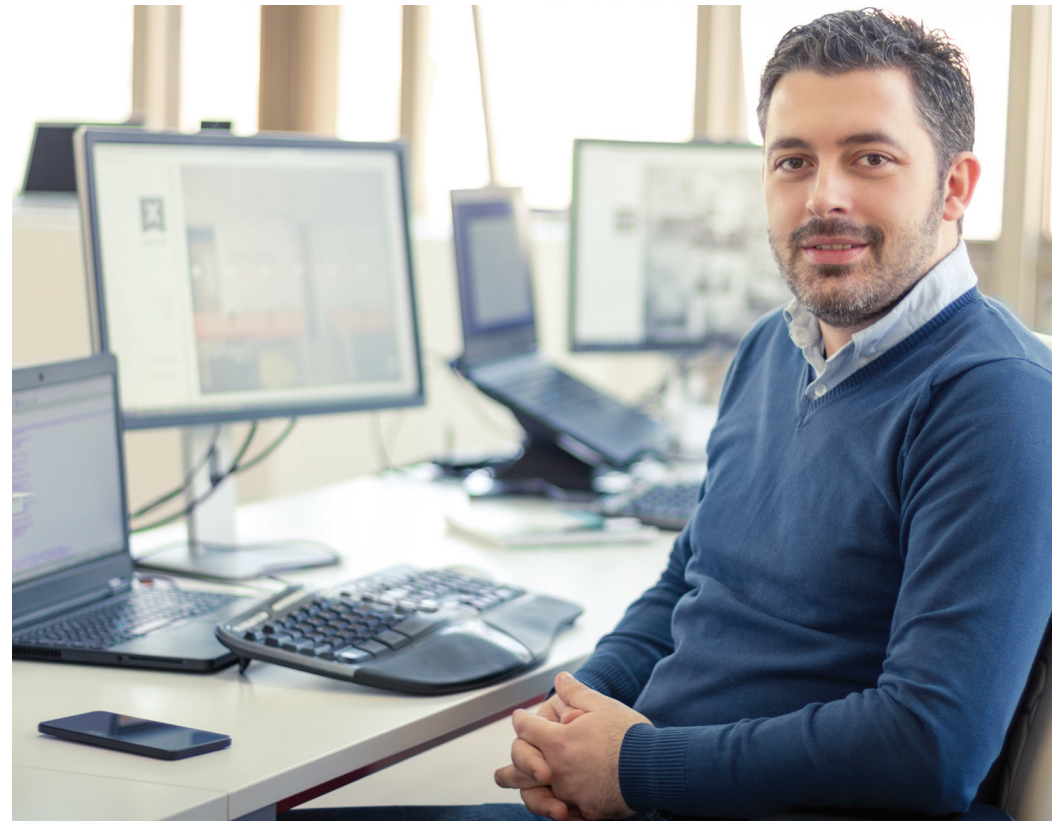
CardioDay software can be integrated with facility servers and deployed virtually to simplify implementation and management.

Versatility

Complete CardioDay functionality is available on all workstations and with floating licensing, users have the flexibility to access the software from any workstation. CardioDay is scalable from a single site to an Enterprise solution supporting instances across different sites and locations

Remote Service

Systems can be accessed remotely by GE Healthcare service engineers for maintenance and troubleshooting.





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