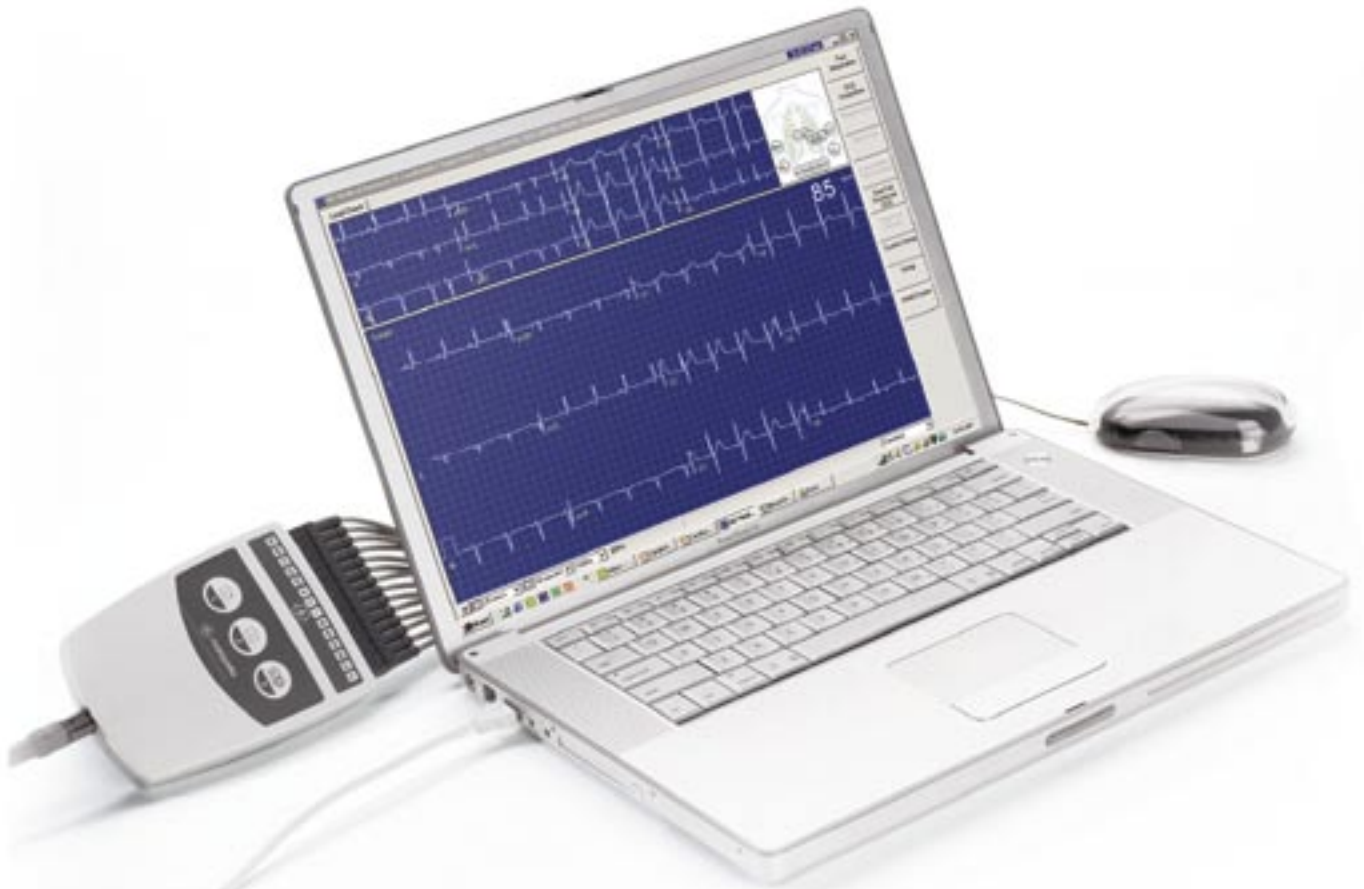


GE Healthcare

# CardioSoft

Multifunctional PC-based  
diagnostic system



# Innovation makes an office visit.

When a cardiac software program brings such powerful functionality to a physician's office, to call it a software-only solution seems a bit modest. Now, with CardioSoft™ diagnostic software, you can transform your laptop or PC into a sophisticated cardiac data acquisition and analysis system – complete with gold-standard Marquette® ECG analysis programs for uncompromising performance.

Plus, streamline your workflow by efficiently storing all patient data and test results electronically – whether on your office PC or in your electronic medical record (EMR) system.

Innovation designed to help you make more confident in-office diagnostic decisions. Heighten testing efficiency. Boost patient throughput. And eliminate the necessity of managing paper-based ECG recordings.

Which makes it welcome in any office.

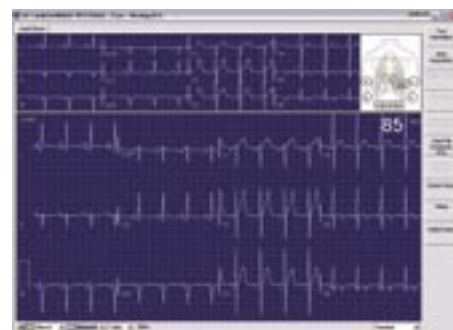
## Resting ECG

CardioSoft provides physicians with reliable information available to support cardiac diagnostic decisions. It features GE's Marquette® 12SL™ ECG analysis program, one of the industry's most thoroughly documented, computer-interpreted 12-lead ECG program.

CardioSoft Resting ECG provides on-screen ECG measurements for paperless workflow, yet allows you to print multiple report formats when a hard copy is required. These flexible report formats enable you to choose the reports you find most useful. It provides multiple interpretive statements to facilitate your final diagnostic decision.

The resting ECG module also allows you to store full disclosure data when needed. Robust editing functions make report generation fast and simple.

Data from your current GE ECG systems such as MAC® 1200 ST or MAC 5500 can also be transferred into the CardioSoft database, creating an electronic record for further viewing, editing, printing and exporting of the final report including ECG waveforms.



Resting ECG



ECG findings



One-button operation



Resting 12-lead ECG



Exercise Stress Test

# No one handles stress like we do.

## Exercise stress

The CardioSoft Exercise Stress Testing application offers the familiar GE CASE® interface in a software only approach. The CAM-14 provides well-defined ECGs, even in the high-noise stress environment.

Consistent with the data provided from CardioSoft's Resting ECG application, the Exercise Stress Testing application uses the same high-quality Marquette 12SL and 15-lead ECG analysis programs the industry has come to rely on. Furthermore, Finite Residual Filter (FRF) provides ECG baseline correction and artifact resolution without sacrificing critical ST measurements. Automatic Arrhythmia Detection assists in documenting arrhythmias that occur during stress.

In addition to the stress testing you perform everyday, the CardioSoft Exercise Stress application offers a portable stress solution for pharmacologic stress testing. The portability of your laptop provides additional flexibility for your environment.

CardioSoft's flexible interface accommodates custom set-ups to meet and review reporting preferences of any physician. Its database capability presents a paperless solution for the storage of your stress tests. Data can be exported in Word, PDF or XML formats, and is able to be stored either in CardioSoft's database or archived to a CD or the market-leading MUSE Cardiology Information System.

Data obtained from your CASE system can be stored in your CardioSoft database. CardioSoft stations can be combined with CASE stations via a Local Area Network to free your CASE system for testing and the CardioSoft system for editing, viewing, printing and exporting.

## Multifunctional features

### Ambulatory blood pressure

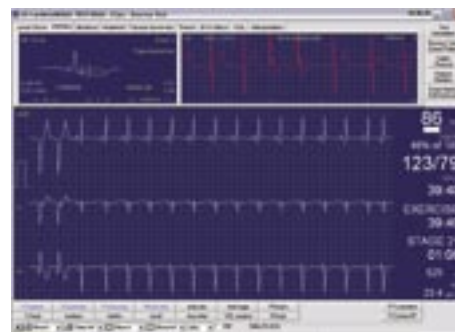
Software solution with pager-sized recording device for monitoring BP over extended periods of time. Complete analysis and report package for the full monitoring duration.

### CardioSoft spirometry

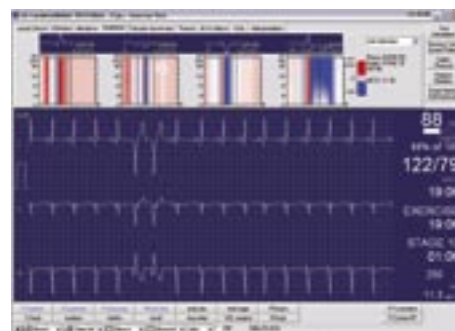
Spirometry™ module provides lung function testing to monitor patients with asthma, COPD, CHF or other pulmonary function disorders.

### Ambulatory ECG system

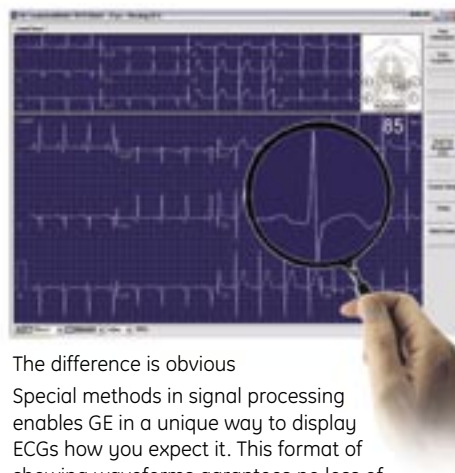
Store your MARS\* system's final report in your CardioSoft database for centralized access.



Waveform-, ST- and Arrhythmia-Display



Waterfall Display



The difference is obvious  
Special methods in signal processing enables GE in a unique way to display ECGs how you expect it. This format of showing waveforms guarantees no loss of important details you need for precise findings.



Ambulatory blood pressure



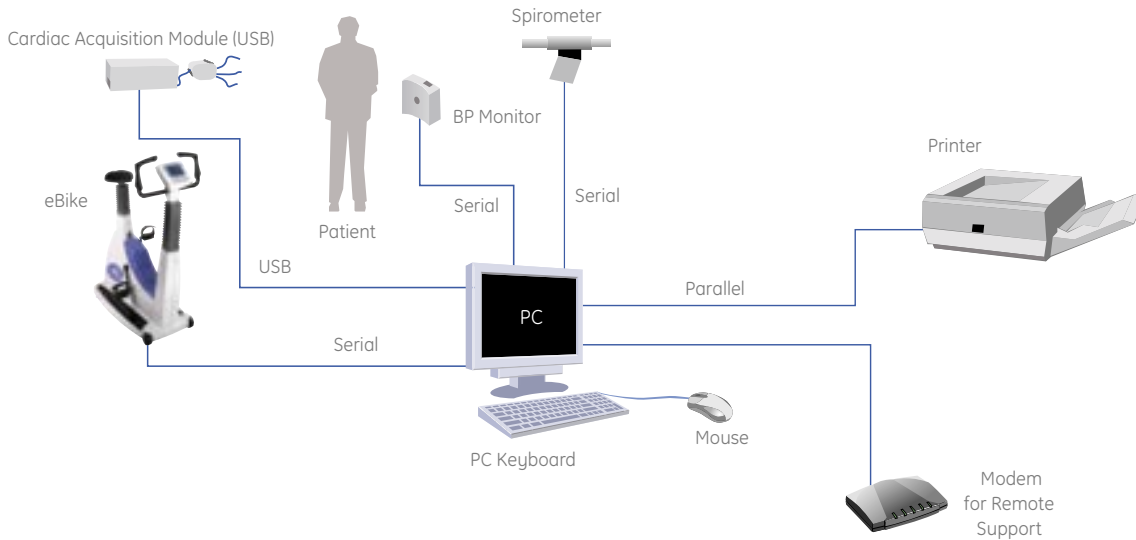
CardioSoft spirometry



Ambulatory ECG system

## CardioSoft standalone modules

CardioSoft transforms your PC into a system capable of acquiring resting ECG, exercise stress, ambulatory blood pressure and spirometry. With front-end devices, this software provides the same quality data you have come to expect from GE. You can connect the system to a printer or simply store data in the CardioSoft central database. With CardioSoft, you can enhance your data-acquisition capabilities.

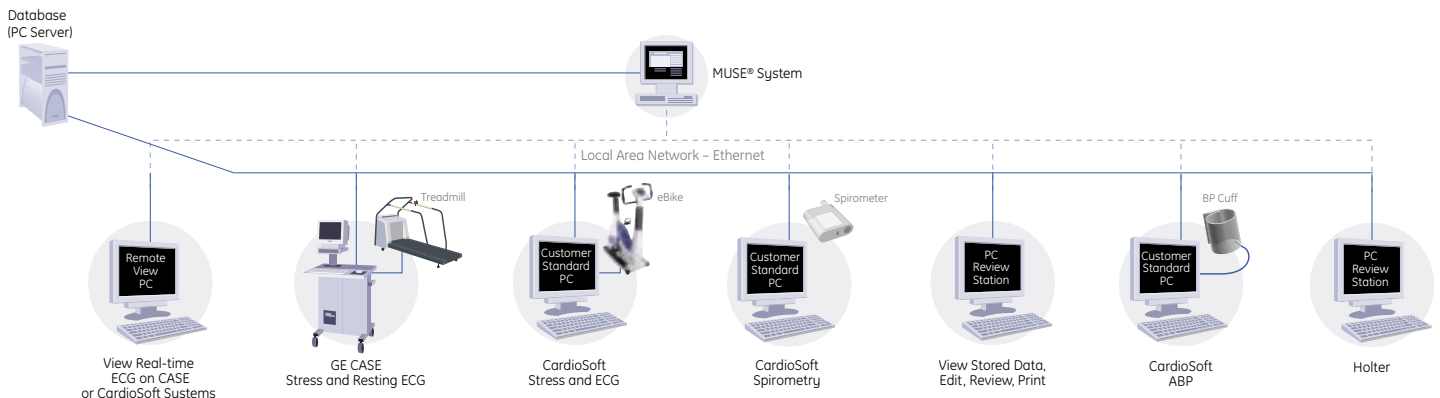


## CardioSoft network environment

CardioSoft networking enables you to align CardioSoft workstations on a Local Area Network (LAN), allowing you to store all patient data and test results in CardioSoft's central database via the server. Networking also allows you to add additional workstations for data review and editing – reserving your acquisition system for testing. Remote view allows clinicians to view real-time stress data from a PC anywhere on the LAN. CardioSoft networking combines power and versatility to meet your growing needs.

## CardioSoft Web

CardioSoft Web allows you to retrieve all stored tests via the Internet for display on any PC.







©2006 General Electric Company – All rights reserved.

General Electric Company reserves the right to make changes in specifications and features shown herein, or discontinue the product described at any time without notice or obligation.

GE, GE Monogram, Marquette®, 12SL™, CardioSoft™, Centricity®, MARS®, and SpiroSoft™ are trademarks of General Electric Company.

GE Medical Systems Information Technologies GmbH, a General Electric company, going to market as GE Healthcare.

For more than 100 years, healthcare providers worldwide have relied on GE Healthcare for medical technology, services, and productivity solutions. So no matter what challenges your healthcare system faces, you can always count on GE to help you deliver the highest quality healthcare. For details, please contact your GE representative today.

GE Medical Systems Information Technologies GmbH  
Munzinger Strasse 3  
79111 Freiburg, Germany  
Tel. +49 761 4543 0 • Fax +49 761 4543 233

[www.gehealthcare.com](http://www.gehealthcare.com)



GE imagination at work