

MARS

Ambulatory ECG System

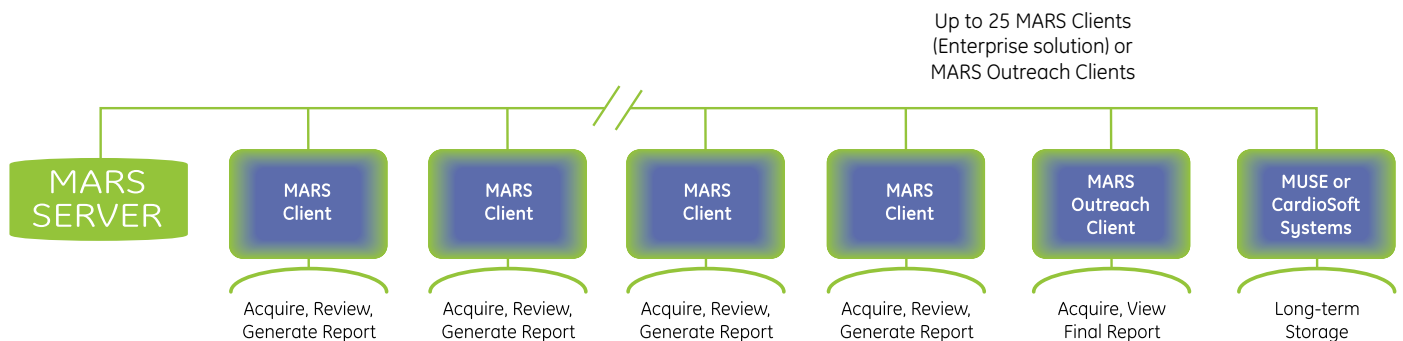
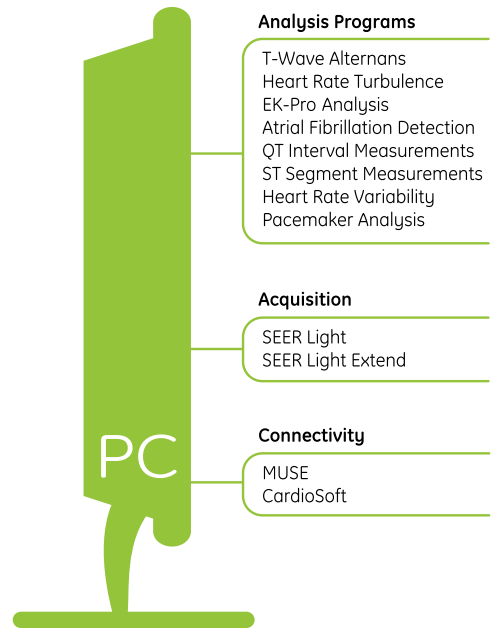
Innovative enterprise solutions

Equip your practice with the same innovative ECG technology found on hospital-based MARS® systems. The MARS Office system is a sophisticated yet affordable solution that delivers advanced, easy-to-use ambulatory ECG review tools and Marquette® analysis programs to office practices or clinics requiring a single workstation.

As a scalable solution, the MARS Office system can be configured for basic Holter scanning or for advanced ECG analyses. A software-only option transforms a PC into a complete ambulatory ECG analysis system. And for a complete data solution, the MARS Office system can be integrated with GE's Muse® and CardioSoft™ systems.

The MARS® solution offers advanced ambulatory ECG review tools and Marquette® analysis programs, meeting your departmental analysis needs – as well as your hospitalwide scanning requirements – quickly, easily and cost-effectively.

Sophisticated yet affordable, the MARS solution puts exceptional processing power, advanced review capabilities and networking capabilities at your fingertips. It can be configured as a basic Holter scanning system or with advanced ECG analysis programs. Suitable for multiple hospitals and outreach clinics, it supports up to 5 (Department solution) or up to 25 MARS Clients (Enterprise solution) for additional data acquisition, analysis and review, or acquisition and review only.



High-performance review and analysis

Compatible with GE's lightest recorders – the SEER® Light and SEER Light Extend – the MARS system delivers 24 - 48 hours of ECG recordings.

Streamline workflow with a comprehensive suite of scanning techniques, such as Retrospective, Superimposition, Page, Event and Waterfall methodologies, that provide high-speed analytical accuracy. The clinically-driven auto report feature permits customizable clinical definitions for final reports. Different criteria are used for pacemaker, atrial fibrillation, and ventricular ectopy analysis.

Now, patients prone to sudden cardiac death (SCD) can be evaluated with GE's exclusive risk-stratification tools – the Marquette T-Wave Alternans and Heart Rate Turbulence analysis programs. These breakthrough algorithms, available on the MARS system, complement GE's full array of trusted Marquette analysis programs: Atrial Fibrillation Detection, QT Interval and ST Segment Measurements, Heart Rate Variability and Pacemaker Analysis.

MARS Enterprise/Client

Features	
Processor type	Intel® Pentium 4, 3.0GHz
RAM	512MB
Minimum graphics	1280 x 1024
Hard drive capacity	80G
Optical storage	4.7G DVD
Serial ports	2
USB ports	8
Parallel ports	1
Network interface	10/100
DVD	RW
Keyboard	PS/2
Pointing device	Mouse PS/2

General specifications – Enterprise/Server

Mini-tower dimensions

Height	44.8cm (17.65 in.)
Depth	45.2cm (17.8 in.)
Width	16.8cm (6.6 in.)
Weight	14.8kg (32.5 lbs.)
Isolation	Isolation Transformer
Operating system	Windows® 2003 server

Features/Client

SEER Light Acquisition	Included
SEER Light Extend Acquisition	Included
Card Reader	Optional
Operating system	Windows XP
Printer options	Laserjet 4250N
DVD archive	Included

Monitor Options

Recommended resolution

21 in. (19.8 in. viewable) CRT	1024 x 768 @ 85 Hz
19 in. (18 in. viewable) flat panel	1024 x 768 @ 85 Hz
19 in. (18 in. viewable) CRT	1024 x 768 @ 85 Hz

Software-only minimum hardware requirements

Processor	Pentium 3, 1.8GHz or greater
Standard	Mouse and keyboard
Graphics adapter	SGA 1280 x 1024, 64K color
RAM minimum	256M
Network interface	10/100M ethernet
Operating system – Enterprise/Server	Win NT4* Server SP6, Win 2000 Server, Windows 2003 Server
Operating system – Clients	Win 2000 Pro, Win XP Pro, Win NT4 SP4*
Disk drive	40G or greater, IDE or SCSIII
Archive	CD-RW or DVD-R
Monitor	19 in. LCD flat panel or 17 in./21 in. CRT min. resolution SGA 1280 x 1024, 64K color
Parallel ports	1 required
Serial ports	1 required
USB ports	Minimum 2 required
Medical Grade Power Isolation Transformer	Required

*Note: NT does not support USB acquisition or other USB devices.

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GE imagination at work

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