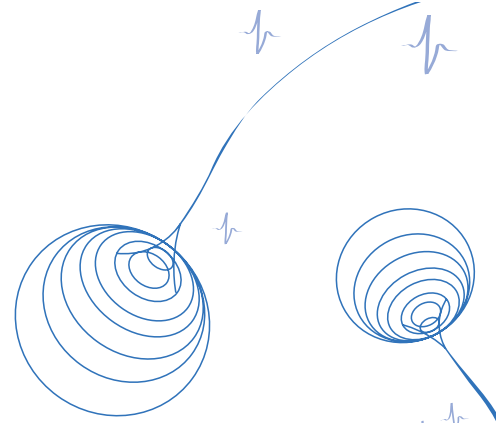


# MARS<sup>®</sup> Enterprise

## Ambulatory ECG System



### The power to connect across your enterprise

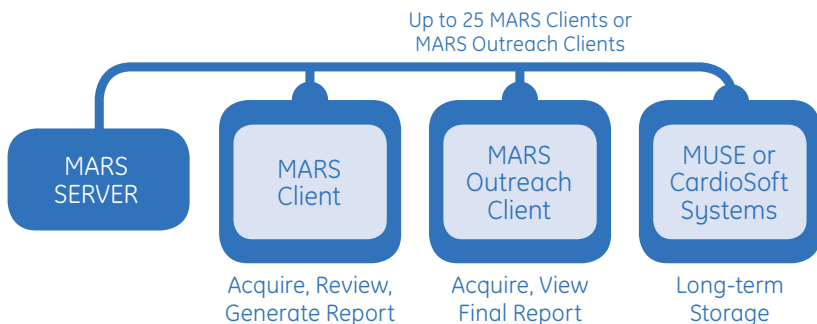
The MARS Enterprise solution provides Holter analysis and exceptional processing power, plus advanced review and networking capabilities, at your fingertips. Through its secure Web upload capabilities, MARS Enterprise enables data access from sites that are not connected to a LAN, WAN, or VPN, for faster data review and diagnosis.

MARS Enterprise is a scalable solution designed to expand your clinical capabilities while improving data flow and charge capture. It offers the flexibility and capacity to meet the scanning needs of your department or your entire facility—quickly, easily, and cost-effectively.

- Supports up to 25 MARS clients for data acquisition, analysis, and review; or acquisition and review only
- Complies with your facility's security and access standards while providing encryption and protection of data
- Integrated with the GE Healthcare MUSE<sup>®</sup> Cardiology Information System and CardioSoft<sup>™</sup> Diagnostic System for a complete data solution, including EMR and HIS connectivity
- Software-only option transforms a PC into an ambulatory ECG analysis system

### A high standard of review and analysis, from anywhere

Whether performing analysis from a GE-monitored inpatient bed connected to CARESCAPE<sup>™</sup> Clinical Information Center<sup>™</sup> (CIC) Pro or from a patient's home with one of our recorders, the MARS Enterprise system streamlines workflow with a comprehensive suite of scanning techniques, such as Retrospective, Superimposition, Page, Event, and Waterfall methodologies, that provide high-speed analytical capabilities. The clinically driven automated report feature permits customizable clinical definitions for final reports. Different criteria are used for pacemaker, atrial fibrillation, and ventricular ectopy analysis.



#### Analysis programs:

- EK-Pro<sup>™</sup> ECG analysis
- Marquette<sup>®</sup> 12SL<sup>™</sup> analysis program for ambulatory ECG
- T-wave Alternans
- Heart Rate Turbulence
- Atrial fibrillation detection
- QT interval measurement
- ST segment measurement
- Heart Rate Variability
- Pacemaker detection

#### Acquisition:

- SEER<sup>®</sup> Light
- SEER Light Extend
- SEER 12

#### Connectivity:

- MUSE
- CardioSoft



Compatible with a suite of recorders from GE Healthcare—the SEER Light, SEER Light Extend, and the new SEER 12—the MARS Enterprise system delivers high-quality ECG recordings.

The comprehensive suite of the GE Healthcare Marquette algorithms available in MARS puts the power to predict right in your hands. The MARS system applies the breadth and depth of the various risk-scoring analytics to provide physicians with one combined report and enables them to make clinical decisions supported by in-depth validated information.

The GE Healthcare Marquette T-wave Alternans and Heart Rate Turbulence analysis programs assist physicians in predicting patients at risk of Sudden Cardiac Death. These breakthrough algorithms complement the full array of trusted Marquette 12SL measurements, including: EK-Pro ECG analysis, atrial fibrillation detection, QT interval and ST segment measurements, Heart Rate Variability, and pacemaker analysis.

### MARS Enterprise

Specifications	
Processor type	Intel® Xeon® E5504 (Quad Core™, 2GHz)
RAM	4G
Minimum graphics	1024 x 768
Hard drive capacity	584G
Optical storage, DVD	4.7G RW
USB ports	4
Network interface	10/100/1000 (100+ recommended)
Keyboard	PS/2
Pointing device	Mouse PS/2
Mounting	Standard computer rack mount
Mini-tower dimensions	
Height	7 in. (17.5 cm)
Depth	19 in. (48.3 cm)
Width	28 in. (69.9 cm)
Weight	103 lbs. (46.8 kg)
Operating system	Windows® 2003 Server R2 Standard (32 bit)
Monitor option	Minimum resolution
19 in. flat panel LCD	1280 x 1024

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MARS Enterprise specifications—software only	
Processor	Performance of an Intel Xeon Processor 5120 (Dual Core, 1.86 GHz)
Graphics minimum	1024 x 768
RAM minimum	2G
Network interface	100/1000
Network interface supporting monitoring acquisition and SEER 12 use	100/1000
Operating system	Windows 2003 Server (32 bit), Windows 2008 Server (32 bit)
Hard drive capacity	300G
Archive	CD-RW, DVD-R, DVD-RW, Network drive
Serial ports	1 required (telephone modem)
USB ports	2 free
MARS client specifications—software only	
Processor	Performance of an Intel 6400 Core Duo 2.13 GHz
Graphics minimum	1024 x 768
RAM minimum	1G
Network interface	10/100/1000
Network interface supporting monitoring acquisition and/or SEER 12 use	100/1000
Operating system	Windows XP (SP3), Windows 7 (Home Premium, Professional, Ultimate)
Hard drive capacity	160G
Archive	CD-RW, DVD-R, DVD-RW, Network drive
Parallel ports	1 if Omni Card Reader is present
Serial ports	1 required (telephone modem)
USB ports	2 free

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