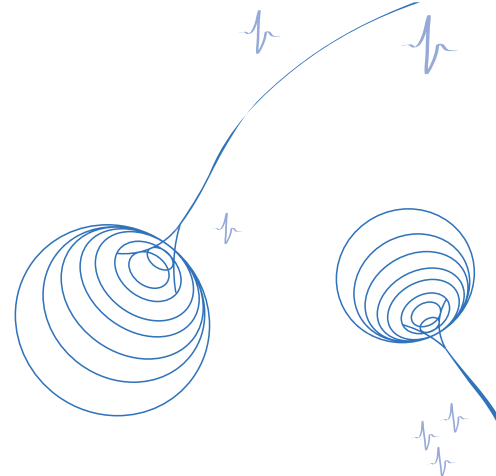


MARS[®] Enterprise

Ambulatory ECG System



The power to connect across your enterprise

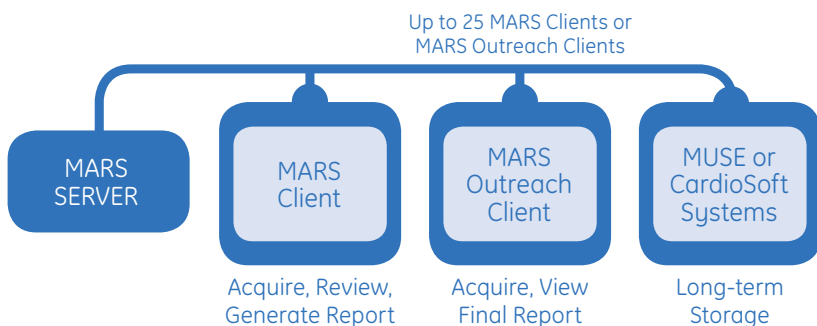
The MARS Enterprise solution provides Holter analysis and exceptional processing power, plus advanced review and networking capabilities, at your fingertips. Through its secure Web upload capabilities, MARS Enterprise enables data access from sites that are not connected to a LAN, WAN, or VPN, for faster 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[®] Cardiology Information System and CardioSoft[™] 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[™] Clinical Information Center[™] (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[™] ECG analysis
- Marquette[®] 12SL[™] 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[®] 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® Core™ E55 (Quad Core™, 2GHz)
RAM	2 GB
Minimum graphics	1280 x 800
Hard drive capacity	500 GB
Optical storage, DVD	16x DVD-RW
USB ports	4
Network interface	1 RJ45 (1 recommended)
Keyboard	PS/2
Pointing device	Mouse PS/2
Mounting	Standard computer rack mount
Mini tower dimensions	
Height	17.5 in. (44.3 cm)
Depth	13.5 in. (34.3 cm)
Width	18.5 in. (46.9 cm)
Weight	15 lbs. (6.8 kg)
Operating system	Windows® 2008 Server R2 Standard (64 bit)
Monitor option	Minimum resolution
17 in. flat panel LCD	1280 x 800



GE imagination at work

MARS Enterprise specifications software only	
Processor	Performance of an Intel Core Processor 512 (Dual Core, 1.6 GHz)
Graphics minimum	1280 x 800
RAM minimum	2GB
Network interface	1 RJ45
Network interface supporting monitoring acquisition and SEER 12 use	1 RJ45
Operating system	Windows 2008 Server (64 bit), Windows 2008 Server (32 bit)
Hard drive capacity	500 GB
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 Core Duo 2.1 GHz
Graphics minimum	1280 x 800
RAM minimum	1GB
Network interface	1 RJ45
Network interface supporting monitoring acquisition and or SEER 12 use	1 RJ45
Operating system	Windows XP (SP3), Windows Vista (Home Premium, Professional, Ultimate)
Hard drive capacity	160 GB
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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