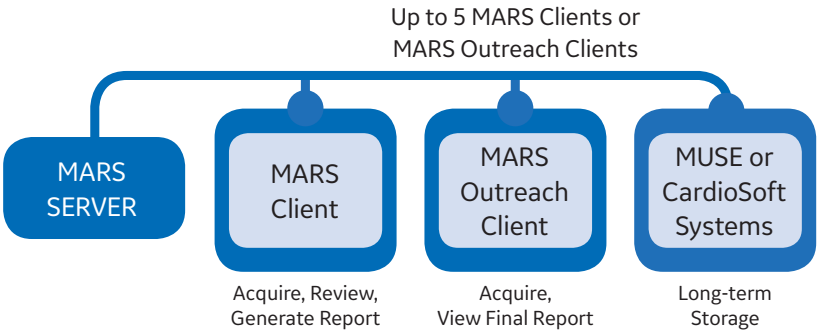
GE Healthcare

MARS Department

Ambulatory ECG/Full Disclosure Holter System



Analysis programs:

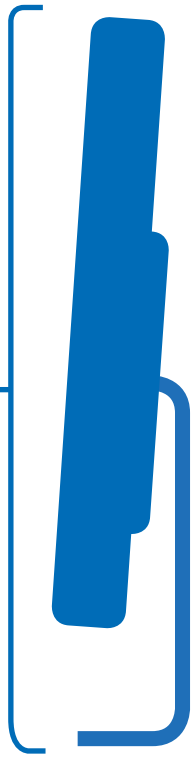
- EK-Pro* ECG analysis
- Marquette* 12SL analysis program for ambulatory ECG
- T-wave Alternans
- Heart Rate Turbulence
- Atrial fibrillation detection
- QT interval measurement
- ST segment measurement
- Heart Rate Variability
- Pacemaker detection

Acquisition:

SEER* 1000
SEER Light
SEER Light Extend
SEER 12

Connectivity:

MUSE*
CardioSoft*



The power to connect across your department

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

MARS Department 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 five 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
- 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 GE central station or from a patient's home with one of our recorders, the MARS Department 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.

Compatible with a suite of recorders from GE Healthcare—the SEER 1000, SEER Light, SEER Light Extend, and SEER 12—the MARS Department 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 predictingpatients at risk of Sudden Cardiac Death. These 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.

Specifications

Recommended hardware requirements	
Processor	Intel** Core** i3–2120, 2 cores/4 threads, 3.30 GHz)
Graphics	1280 x 1024
RAM	2 GB
Network interface	10/100/1000
Network interface supporting monitoring acquisition and/or SEER 12	100/1000
Hard drive capacity	160 G
Archive	CD-RW, DVD-R, DVD-RW, Network drive
USB Ports	6 recommended 2 required
MARS Department may be run in virtual environments provided the virtual machine meets or exceeds the physcial hardware requirements.	
Operating system requirements	
MARS Department	Windows** Server 2008 (R2 SP1) 32-bit or 64-bit Windows Server 2008 (SP2) 32-bit
MARS Client	Windows Server 2008 (SP2) 32-bit
MARS Web Client	Windows 8.1 32-bit or 64-bit Windows 7 (SP1) 32-bit or 64-bit

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MARS v8
DOC1089360 rev4 05/15