



ENetMonitor™ P1 System

Enhanced Network Monitoring from Electroline

Description

The ENetMonitor™ P1 System is a combination of special firmware and a back-office software platform that lets you harness the monitoring capabilities of Electroline's DOCSIS®-based transponders and modems.

The ENetMonitor™ P1 System taps into the unused processing power of the DOCSIS® components in each Electroline DHT, DRM and DLM. With these reliable, remotely accessible performance verification points, the ENetMonitor™ P1 System turns hardened DOCSIS® devices into intelligent tools for testing VoIP transmission capability and a host of parameters for upstream and downstream QAM quality.

Transponders that were once dedicated only to a standby power supply can now be used to monitor and alarm on critical performance criteria for Internet and VoIP such as MER, packet loss, jitter and latency based on user-defined monitoring thresholds.

Applications

Pre-installed Electroline devices can easily upgrade to ENetMonitor™ capabilities with a simple field-downloadable firmware package, providing advanced test capabilities that are driven by the Electroline ENetToolBox™ server and Web application. Electroline also offers the DLM Line Monitor, a dedicated, ruggedized cable-modem hardware platform that expands the ENetMonitor™ system functionality of your DHT transponder or DRM modem base to cover any location in the coaxial portion of your network.

Platform

Electroline Field Units

- DHT Power Supply Status Monitoring Transponder with ENetMonitor™ firmware
- DRM Ruggedized Cable Modem with ENetMonitor™ firmware
- DLM Line Monitor with ENetMonitor™ firmware



Electroline Back-office System

- Rack-mounted Web server
- ENetToolBox™ network performance monitoring Web application

The Electroline Advantage

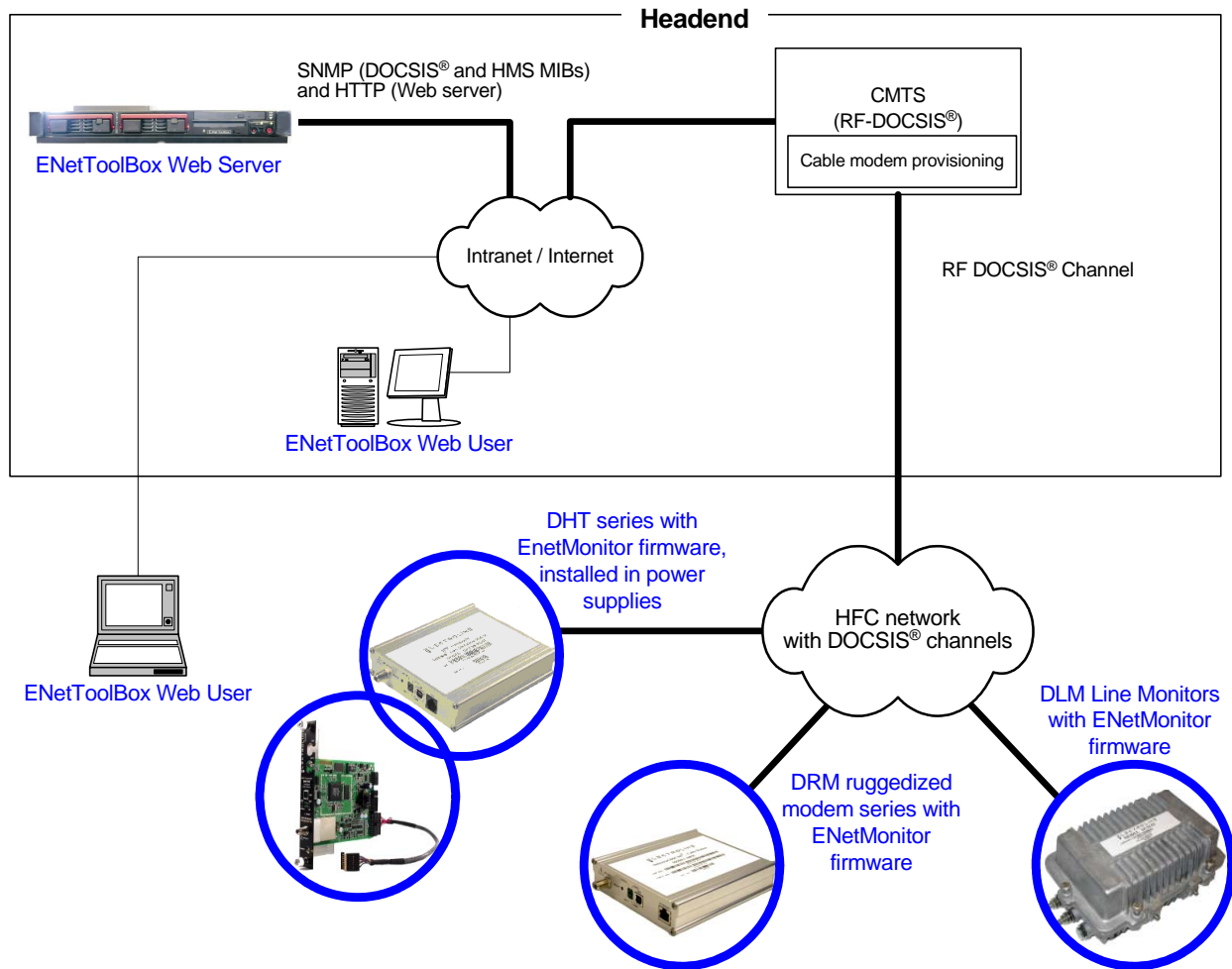
As pioneers in power supply status monitoring using HMS and DOCSIS® technology, Electroline has helped fulfill the promise of intelligent network monitoring by harnessing the DOCSIS® platform. Our innovative approach to enhancing the value of field transponders puts cutting-edge status monitoring within reach of any operator, regardless of how large or small the network is.

Features

- Downloadable ENetMonitor™ firmware to upgrade any DHT or DRM to support enhanced network monitoring
- VoIP Service Monitor: jitter, packet loss (up and downstream), latency, mean opinion score (MOS)
- Network Performance Monitor: QAM constellation display, MER, transmit and receive levels, throughput
- Access to current power supply status readings via the DHT

ENetMonitor™ P1 System for Enhanced Network Monitoring with Electroline DHT Transponders, DRM Modems and DLM Line Monitors

System Diagram



An Ongoing Commitment to Enhancing Network Monitoring

ENetMonitor™ P1 is the first phase (Phase 1) of Electroline's enhanced network monitoring system. We are committed to a product road map that aims to expand DOCSIS-based status monitoring even further. Look for added functionality with ENetMonitor™ P2 (Phase 2). Contact your Electroline representative for details and availability.

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