



# Cable Plant Monitoring

Cable Network Management Suite

## Overview

Promptlink Cable Plant Monitoring (CPM) is a real-time cable network and cable device management tool. CPM has an integrated approach to the voice, video and data networks of MSOs, while supporting SNMP-enabled servers and network elements found in the cable plant. CPM is the ultimate network management tool for cable operations. It gives a proactive notification of problems, increasing the uptime of your cable network resources. CPM speeds your diagnosis and recovery from faults, giving you the chance to fix problems before customers are affected. CPM is fast, efficient, and cheap to deploy and operate, enabling you to run your cable plant more effectively, while cutting operations costs.

**Data** – CPM works with all vendors' DOCSIS cable modems (CMs) and cable modem termination systems (CMTSs). CPM proactively monitors network problems, troubleshoots customer access issues, and automates difficult tasks, such as upgrading CM firmware on a very large scale. CPM version 2 supports feature-rich CMs that act as routers and wireless gateways to home networking.

**Voice** – CPM manages VoIP services in the cable plant, offering discovery and monitoring of PacketCable MTAs and the network parameters that affect voice quality.

**Video** – CPM version 2 supports Digital Set-Top Boxes, allowing one network management console to monitor and manage all the CPE devices in your cable plant.

## Benefits

- One tool to manage all cable broadband network devices, saving time, eliminating excess polling, and saving OpEx funds.
- Supports millions of CMs in a distributed environment with multi-server architecture, and provides scalable performance to match the growth or merging of cable plants. Save CapEx dollars by deploying only a fraction of the servers and horsepower required by other tools.
- The highest performance in the industry for data gathering and discovery via an optimized SNMP library and embedded object database. CPM version 2 is faster, more robust, and adds support for whole new classes of devices.
- Flexible options for integration – data exchange with external SQL databases and APIs – lets you maintain and leverage existing investments.

# CPM Features

Efficient monitoring and management features that allow you to collect and store network device data, manage network faults, and program repetitive network management tasks.

Rich firmware upgrade functions that can be applied to one CM, many CMs simultaneously, as well as be triggered automatically.

Flexible and powerful Cable Plant views, with advanced navigation tools for searching, grouping and filtering devices fast and easy.

Instant View provides a real-time graphical visual of network parameters, enhancing troubleshooting activities.

Ping information of any device can be presented daily, weekly, monthly or annually.

Support for Embedded DOCSIS devices: PacketCable MTA, CableHome, Wireless Broadband Residential Gateways, etc.

A Web-based CPM Client and Admin that can be accessed from anywhere. New web interface provides the end-user with detailed descriptions and all summary information of the CPM operations.

# CPM Sample Screens

