



Cable Modem Upgrade

Cable Network Management Suite

Overview

Promptlink Cable Modem Upgrade (CMU) software is a DOCSIS network management tool that supports dynamic, real-time upgrades of Cable Modem (CM) firmware.

CMU is a crucial operational tool when an MSO is facing firmware management issues throughout a cable plant. Massive scalability is supported through an intelligent design that can simultaneously upgrade any CMs or groups of CMs from different manufacturers.

CMU allows an MSO to easily manage hundreds of thousands of CMs by automating and streamlining the process of maintaining the operational firmware of the CMs in the field. Migration from DOCSIS 1.0 to 1.1 has become an important topic for many MSOs. The CMU multi-step upgrade feature addresses many migration issues, and the built-in communication with provisioning servers helps to address other potential issues related to the new 1.1 code verification certificates.

The CMU server runs on Solaris, Linux and Microsoft Windows. The web-based client runs on Solaris, Linux, MacOS X, and all variations of Microsoft Windows.

Benefits

- Effective process of managing a variety of different vendors' CMs, as well as different versions of any specific vendor's CMs.
- Multi-server distributed environment provides scalable performance and allows broad support of very large numbers of CMs.
- High performance is built into the software, especially with the embedded object database, while the software is also flexible and able to be integrated into your current environment, such as via data exchange with external relational databases.
- Web-based CMU Client and Admin can be accessed from anywhere. New web interface provides the end-user with detail description and all summary information of the CMU operations.
- CMU version 2.0 has an extremely enhanced SNMP engine, improved system architecture and effective utilization of system resources.

CMU Features

Rich CM firmware upgrade functions can be applied to one or many CMs and performed in conditional, multi-step or auto mode.

Automatic upgrade mode allows you to upgrade modems when they come online (using SNMP Inform).

Sophisticated technique of distributing of the SW images downloads between several TFTP servers.

Customizable access control and user permissions guarantee privacy and security of the information.

Advanced CMs grouping and filtering features based on different selection criteria ensure easy upgrade setup.

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

CMU Sample Screens

