AUTOMATED FIRMWARE MANAGEMENT

Intraway
AMAZING DELIVERY

Firmware Management in Control

Improve Operational Efficiency through Automation

Create, schedule, and apply both simple and complex firmware update policies that can target any cable modem or EMTA on your entire network based on criteria of your choice, including firmware version, hardware version, hardware vendor, specific CMTS, geographical region, etc.

Take full control of your firmware updates

Fully automate all aspects of the process

DOCSIS 3.1 READY

INDEPENDENT OF THE PROVISIONING SYSTEM

ELIGIBLE FOR INTRAWAY CLOUD

http://
FILE TRANSFER VIA HTTP/ TFTP

VENDOR/ TECHNOLOGY AGNOSTIC

Optimize your operational processes and resources by removing the need for prestaging. **Reduce your support-related OPEX by 15 to 20%** by minimizing the number firmware-related calls received by customer services and also the number of truck rolls. Achieve ROI in 12 months or less.

AUTOMATED FIRMWARE MANAGEMENT

01 REAL-TIME AUTODISCOVERY FOR DEVICES AND NETWORK TOPOLOGY

AFM quickly and automatically discovers all the devices that are connected to the network and generates a real-time view of network topology. It has a centralized, validated, and up-to-date inventory that can be used to formulate precise upgrade policies.

02 REAL-TIME NETWORK STATUS AND REPORTING

Closely monitor firmware upgrade campaigns and the outcome of each device upgrade. All the data that is collected is saved in the application database, providing real-time reports and device-level detailed audits.

03 FLEXIBLE UPGRADE POLICIES

Upgrade a specific device, a group of devices attached to a single CMTS, a group of CMTSs, the entire network, or devices from a specific vendor, even if incremental upgrades are needed. Exclude devices from upgrade policies and stop an upgrade from executing using predefined failure thresholds.

04 CONTROLLED DEPLOYMENT

Schedule firmware upgrades to coincide with maintenace windows and quiet periods. Rely on AFM's anti-flooding and rate-limiting capabilities, which prevent service disruption and control resource usage.

MSO PROBLEMS

- TOPOLOGY REFRESH
- EXCLUSION LISTS
- HTTP FIRMWARE UPGRADES
- NCS/SIP MIGRATION
- NETWORK DISCOVERY

Use cases

- CORPORATE
- RESIDENTIAL

Services

- DSG
- CABLE MODEMS
- NETWORK E-MTA

Device types

INTRAWAY AFM SOLUTIONS

- Administration & Inventory
- Automated Process & Flexible Policies
- Real-Time
- Control
- Reliability and Scalability