



Solution for Video Service Management

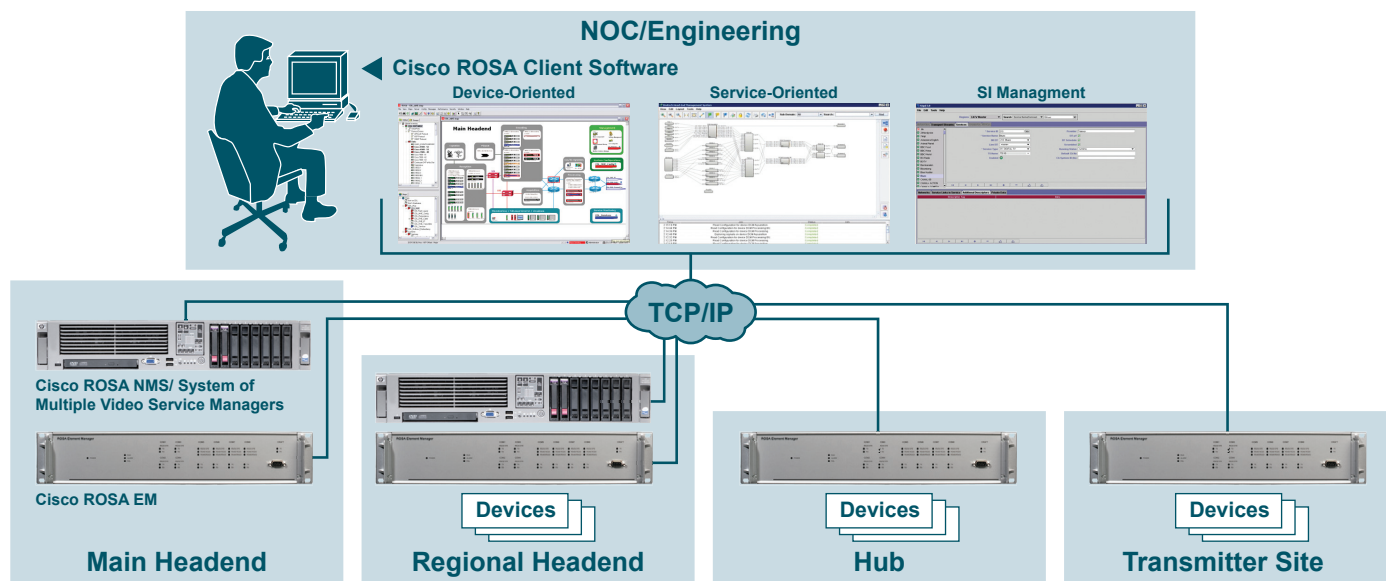
A Complete, Powerful Solution

The Cisco® ROSA® Video Service Management (VSM) solution supplies service providers with a complete, powerful solution for the management of digital content delivery platforms for broadcast over satellite, terrestrial, DSL, cable networks, and mobile TV. This solution can support a diverse range of applications, including switched digital broadcast, primary distribution, contribution, distribution, and transmission.

The Video Service Management solution, as a part of the new ROSA® 4.0, delivers a complete video network management solution. The system's feature-rich set of tools can monitor and manage digital video, audio, and applications, as well as the devices through which these services flow. This offers operators rapid access to the status of critical revenue-generating video, audio, and interactive services. Rather than focusing on individual network components, the manager operates at a higher level to deliver a service-oriented view of the network to support business decisions related to responding to changes in consumer demand, reacting to competitive challenges, or supporting marketing programs and initiatives.

Key Features

- Easy-to-use graphical user interface for the creation, modification and monitoring of the different video, audio and application services
- Central, platform-wide service-oriented configuration management
- Topology view shows all devices in the network and their interconnections
- Service Path search and highlighting of service path over system topology
- Signal Inspection routing allows to select a service and monitor
- Service Alarm and Monitoring providing information on the impacted service
- Support for IP, SDI, and ASI video network topology
- DVB Simulcrypt integration, supporting major CA systems, OpenCAS, and DVB-EIS
- Integrated and triggered scheduling to automate configuration changes and CA changes.
- Support for Cisco's headend equipment such as MPEG -4 AVC/MPEG-2 encoders/decoders, Digital Content Manager (DCM), etc.
- Manages Transrating and Statmux configuration



Cisco Service Management Platform Features

Applications

- Satellite
- Terrestrial
- Cable
- Telco
- Contribution and Distribution
- VoD
- Switched Digital Broadcast
- Mobile TV

Ease of Use

- Uniform interface for service settings
- Intuitive creation of service profiles
- Copy/Paste functionality
- Group control
- Topology view

Service-Oriented Management

- Easy- to-use service profile-based service setup
- Auto-service profile extraction of services over topology
- Dynamic PSI/SI table generation
- DVB-compliant descriptor and private descriptor creation and generation

Topology Management

- Graphical view of network, devices, connections and service flow over topology
- Grouping of devices
- Generic representation of device interfaces and service settings over devices
- Service path tracking over topology

Fault Management

- Redundancy support for device 1:1, N:1, and N:M constellations and service backup
- Interface for service settings

Configuration Management

- Service-oriented system configuration
- Intuitive creation of service profiles
- Profile-based configuration allows pre-configuration of services over topology
- Pre-configuration of services over topology
- CA configuration management (EIS)

Automation Interface

- External trigger interface for service profile activation
- Internal scheduler allows activation of service profile and CA profile

Alarm Management

- Service-oriented alarms and analysis
- Northbound integration with ROSA NMS/ROSA EM

Security Management

- User rights authentication

Interfaces Support

- XML API for service activation and scheduling
- Northbound SNMP service alarm interface

Platform Redundancy

- Automatic and manual system failover support.
- Automatic server backup support

Standards-Based

- TCP/IP
- SNMP
- CORBA
- XML

Find Out More Today

We welcome the opportunity to discuss how the Cisco ROSA Video Service Management solution can help meet your business objectives. Visit us online at www.cisco.com/go/rosa or contact your sales representative today to learn more.