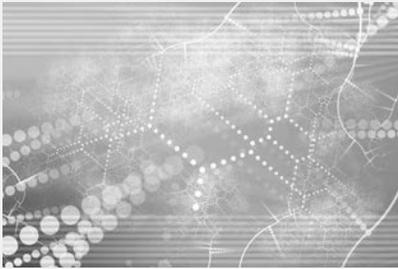


EMC SMARTS NETWORK CONFIGURATION MANAGER

Model-based and automated compliance, change, and configuration management for networks



ESSENTIALS

Complete lifecycle management

- Auto-discover, baseline, design, validate, update, secure, audit, report, manage

Availability and performance integration

- Significantly reduces time needed to identify IT problems and restore IT services

Automates manual and repetitive tasks

- Links network compliance with remediation
- Discovers and models network relationships
- Enforces best practices for changes across the network
- Creates audit and compliance reports

EMC® Smarts® Network Configuration Manager—a model-based, automated compliance, change, and configuration management solution—delivers industry-recognized best practices, enhances collaborative network infrastructure design, verifies controlled change processes, provides network device and service configuration transparency, and ensures compliance with corporate and regulatory requirements. These capabilities enable you to ensure the security, availability, and operational efficiency of your network.

MANAGING TO THE NETWORK INFRASTRUCTURE LIFECYCLE

Network Configuration Manager automates support for all facets of the network infrastructure lifecycle by seamlessly integrating critical design, change, and compliance management requirements.

DESIGN

- Design new virtual networks based on existing designs with Network Configuration Manager's Virtual Design Workspace
- Collaborate securely in real time thanks to complete role-based security
- Employ intelligent automation to quickly create error-free large-scale designs
- Audit designs—before deployment—for compliance with policies and standards

CHANGE

- Realize significant improvements in the availability and consistency of services
- Use “golden configs” to create templates for new device deployments
- Virtually eliminate standard change errors
- Address standard and non-standard changes
- Complete routine and complex tasks with ITIL-compliant change processes and workflow approvals
- Adapt the configuration tool to your processes with integrations to popular workflow, trouble ticketing, and help-desk solutions

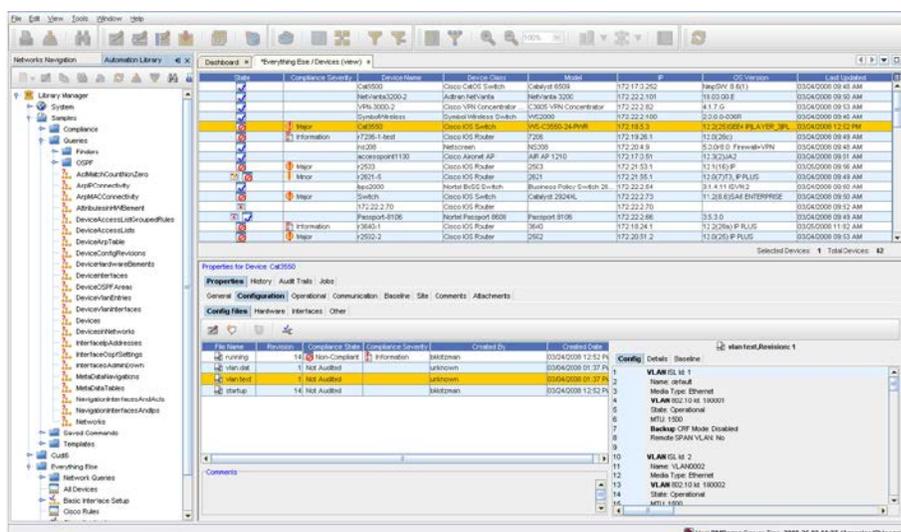
COMPLIANCE

- Design, enforce, and report on adherence to complex policies
- Enforce policies over the entire domain—or just one network, site, or subnet
- Demonstrate on-demand compliance and its change/control process
- Report on historical compliance of the managed infrastructures using the configurations and policies in place on the date selected

DATA SHEET

EMC²

Network Configuration Manager's simplified, Web-deployed interface provides easy access to the critical compliance, change, and configuration management information you need.



DELIVERING RAPID RETURN ON INVESTMENT

By streamlining compliance, change, and configuration management tasks for ongoing and planned changes, ad hoc or unplanned changes, deployment of new projects, and management of consistency and compliance, Network Configuration Manager delivers industry-leading return on investment (ROI). This rapid ROI stems from Network Configuration Manager's ability to leverage the power of automation and model-based management, increase efficiency, improve availability, simplify service activation and installation, enhance security, and ensure compliance.

AUTOMATION

- Perform commonly executed IT network management task in a fraction of the time
- Meet the ideal frequency of credential, ACL, and OS updates for your entire network—while spending less than you do today

EFFICIENCY

- Allow your network operations staff to support significantly more devices—without increasing headcount
- Leverage enhanced multi-configuration file support to:
 - Completely understand a configuration state at any time
 - Independently capture and revise multiple configuration files from a device
- Abstract device configurations to manage configurations in a vendor-neutral manner at the class and policy levels—rather than inefficiently manage a specific configuration for each manufacturer's device
- Create read/write device drivers to speed time to new equipment deployment
- Manage both IPv6 and IPv4 devices using one system
- Leverage enhanced templating to store and reuse already created configuration information, and access external data sources

AVAILABILITY

- Integrate Network Configuration Manager with your fault- and performance-monitoring systems to dramatically reduce the time required to investigate and resolve change- and configuration-related issues
- Avoid service-affecting network outages and associated SLA penalties by controlling change—The leading IT analyst firms agree: 60 percent to 80 percent of service-impacting network outages are caused by change and configuration errors

SERVICE ACTIVATION AND INSTALLATION

- Eliminate costly truck rolls, site visits, and pre-staging of devices through provisioning delivered through Network Configuration Manager

SECURITY

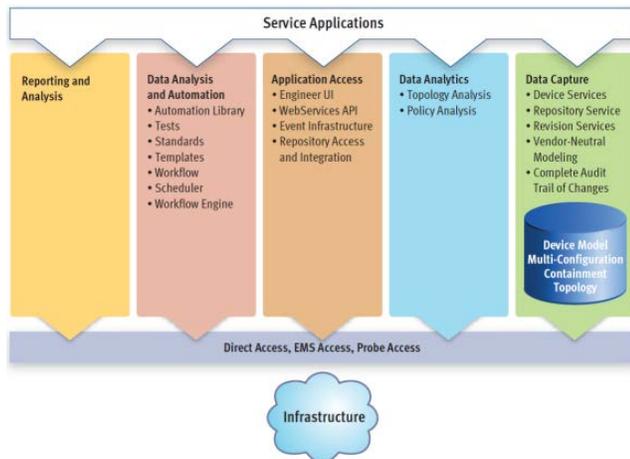
- Respond rapidly to network vulnerabilities and threats from viruses and worms
- Deploy security-related updates in minutes per network, instead of minutes per device

COMPLIANCE

- Avoid costly penalties and the overhead of audits by quickly demonstrating that your network is in compliance—with a single click
- Write compliance rules that work across multiple hardware vendors' devices

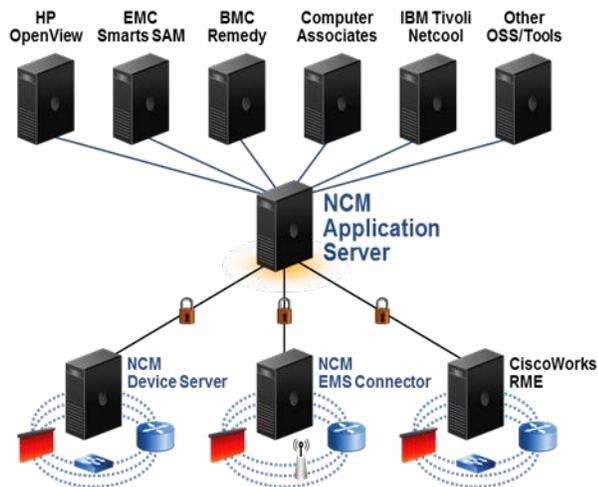
ARCHITECTURE

Network Configuration Manager's multi-tiered management architecture provides extreme scalability and flexibility, allowing you to configure your networks based on your criteria.



Network Configuration Manager's Hybrid Management Architecture

The Network Configuration Manager Application Server can manage one or many device servers, which, in turn, can manage thousands of network devices. Device servers can also be element management systems.



Network Configuration Manager's Distributed architecture delivers efficiency and scalability

AUTOMATION, EFFICIENCY, SECURITY, AND COMPLIANCE

In less than 2 hours, Network Configuration Manager allows you to:

- Roll passwords and SNMP credentials for 5,000 devices
- Update operating system images on more than 100 devices
- Respond to a virus by modifying access control lists on 5,000 devices
- Audit 15,000 devices for compliance
- Remediate non-compliant configurations on more than 1,000 devices

LEVERAGE MODEL-BASED MANAGEMENT TO YOUR ADVANTAGE

Network Configuration Manager's extensible hybrid approach combines the advantages of managing and modeling information in a vendor-neutral manner with detailed text-based configurations of vendor-specific information. This unique method handles IT diversity and reduces IT complexity by making it possible to manage change and configuration of legacy and breakthrough technologies from one system—Network Configuration Manager.

Network Configuration Manager's hybrid approach provides a layer of abstraction—including a common information model, a common user interface, and end-to-end visibility—and handles vendor-neutral, normalized information and vendor-specific information. By doing this with one system, organizations can simplify management, improve efficiency, decrease costs, and increase visibility into the network.

CONTACT US

To learn more about how EMC products, services, and solutions can help solve your business and IT challenges, [contact](#) your local representative or authorized reseller—or visit us at www.EMC.com.

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