TrueSight Network Automation

Drive agility, security, and compliance across your physical, virtual, and SDN infrastructure

PRODUCT DESCRIPTION

TrueSight Network Automation, formerly known as BladeLogic Network Automation, is an industry-leading network configuration and automation solution that enables network operations to detect vulnerabilities across thousands of devices in less than a minute. Network administrators can quickly take remediation action to reduce risk of breaches and avoid network outages. It helps improve productivity and network agility in support of changing business needs, by standardizing and automating tasks such as configuration changes or compliance audits.

BUSINESS CHALLENGE

Today, IT organizations depend on high performing networks to keep their businesses running at peak efficiency. They also need to make frequent network changes to support new applications or business services. Additionally, **new security threats emerge every day, making it difficult to keep up with the demands of network management**. Often, these changes are executed manually, through device-by-device interactions via CLIs or scripting. Detecting security vulnerabilities can require interfacing with multiple hardware and software tools—and if a device is found to be vulnerable, IT must take corrective action manually, risking errors that may cause expensive downtime or failures.

BMC SOLUTION

TrueSight Network Automation closes the window of vulnerability with native, scanless detection of security risks in real-time and one-touch rule generation for vulnerabilities and remediation actions. **With this single solution, IT staff can manage physical and virtual network devices, as well as SDN infrastructures, across most major platforms—improving network agility and ensuring compliance to maximize health.**
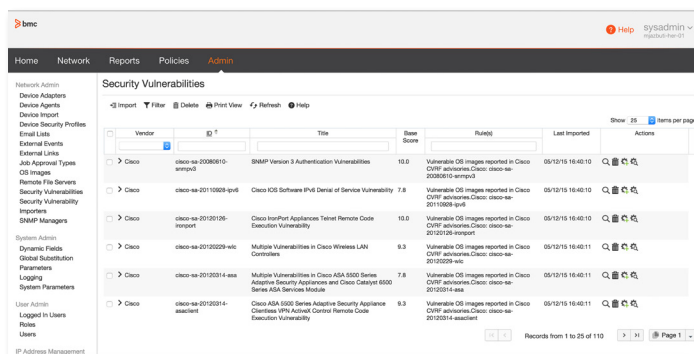
KEY FEATURES

TrueSight Network Automation helps admins accelerate provisioning, configuration, vulnerability management, auditing, and maintenance of network devices.

- **Vulnerability management** – Fast, scanless detection of vulnerabilities and automated remediation based on Cisco® security advisories.

- **Compliance** – Built-in templates for regulatory compliance, plus closed-loop change tracking.

- **SmartMerge** – Auto-generate scripts to execute changes or rollback entire configurations without rebooting the device.

- **Real-time status** – Get configuration, compliance or security data across the entire network in minutes.

KEY BENEFITS

- **Accelerate consistent, high-volume network changes** to increase business responsiveness

- **Identify vulnerabilities across thousands of devices in less than a minute** and remediate to cut exposure to breaches

- **Reduce time to complete compliance audits** by over 90% for regulatory, security, or operational mandates

- **Reduce mean time to resolution (MTTR)** of network information with visibility into change details and business services impacted

Get one-touch rule generation in response to vendor advisories, and detect and patch vulnerable devices.

PRODUCT DETAILS

Multi-Tier Remediation: Integrate withTrueSight Vulnerability Management for an unprecedented security and compliance solution. Intuitive dashboards automatically link vulnerabilities to identified fixes or configuration changes, and create an attack plan to shore up network security on demand.

Security Vulnerability Management: Leverage out-of-the-box content for Cisco® security advisories, or NIST National Vulnerability DB to automate vulnerability remediation. Use vulnerability management APIs to automate management of vendor security vulnerability notifications.

Compliance: Use the compliance engine to apply standards for regulatory and security rules such as SOX, PCI-DSS, HIPAA, NIST, DISA, and CIS. Automate audit cycles with built-in compliance reports. Close the loop on compliance with integrated change management.

Virtualization and Cloud Computing: Rapidly provision and configure large physical, virtual, and cloud environments.

Provisioning: With support for most vendors and virtualization platforms, including SDN Controllers and virtualized network functions (VNF), admins can expedite new multi-tiered networks, including services for VLANs such as firewalling, load balancing, and WAN acceleration. Deploy access control list (ACL) changes and syntax scanning without disrupting the network.

Configuration: Implement a policy-based approach to configure or change network devices with templates based on best practices to simplify administration and ongoing maintenance.

Secure Administration: Improve security and workload sharing by controlling who can view and change configurations through fine-grained role-based access control (RBAC).

Broad Solution Support: Integrate with BMC Atrium CMDB to understand business service context before impacting device configurations. Manage and document changes in ITSM with TrueSight Orchestration to close the loop on continuous ITIL® compliance.

OS Image Management: Manage OS images with built-in OS image library and deploy actions. Includes support for remote file servers for flexible implementation.

APIs and External Links/URLs: Develop custom workflow automation to control TrueSight Network Automation functions through in-bound APIs. Launch in context into TrueSight Network Automation from other applications to speed problem resolution.

Device Import: Import and start managing devices from discovery tools such as BMC Discovery, CiscoWorks, Entuity Eye of the Storm®, HP® Network Node Manager, HelpSystems™ Intermapper®, Ipswitch® WhatsUp Gold®, user-defined database query, or CSV formatted file.

ⓘ **FOR MORE INFORMATION**

To learn more about BladeLogic Network Automation, visit **bmc.com/it-solutions/truesight-network-automation**

469696