

# Turbocharge ITOps Productivity for Security and Efficiency

Empower your team with integrated automation to manage security vulnerabilities, servers, and network devices across your hybrid environment



# When the need for security and transformation pushes ITOps teams to the breaking point ...

An increasingly hostile, complex, and dynamic environment has left enterprise IT struggling. It's simply not possible to address the security risks and management challenges posed by today's on-premises, hybrid, and multi-cloud infrastructures using manual methods. Operations and security teams need automation—and they need it badly.

That's especially true given the ongoing explosion in **security vulnerabilities**, which increased by 157% from 2016 to 2018—reaching a staggering 16,555 in 2018 according to [www.cvedetails.com](http://www.cvedetails.com).

Meanwhile:



Vulnerability scanners leave blind spots that must be addressed by new solutions for discovery and vulnerability management.



At the same time, even large and well-trained operations teams are overwhelmed by provisioning, configuration management, regulatory compliance, task automation, and software deployment.



Manual vulnerability remediation methods are slow and inefficient, from vulnerability prioritization and patch management to ticketing, approvals, and closed-loop change management, all adding to the workload and time needed to close vulnerabilities. And every scan—quarterly, monthly, or even weekly—uncovers new vulnerabilities requiring analysis and attention.



Security and operations teams need tools that will help them work more closely together, and close the SecOps gap, in order to build stronger defenses against attackers.



## Server and network management pose similar challenges.

Manual approaches for **server** provisioning, configuration management, patching, software distribution, and compliance take too much time, slowing business agility and digital transformation without effectively managing risk.

Outdated methods like scripting lack the accuracy and scalability to meet SLAs across complex hybrid environments encompassing physical, virtual, and cloud servers.

New apps, business services, and security threats also necessitate constant changes to the **network**—typically executed manually and device-by-device via CLIs or scripting.

Finding vulnerabilities requires interfacing with multiple hardware and software tools—and fixing them manually risks costly errors, downtime, or failures.



# Accelerating ITOps to the speed of today's digital environments



**TrueSight Vulnerability Management, TrueSight Server Automation, and TrueSight Network Automation** free IT operations teams from slow, error-prone manual methods so they can keep pace with rising security and management demands. Automating a broad range of management tasks across data centers and clouds, these solutions give you a better way to address provisioning, compliance, configuration management, task automation, software and patch distribution, and much more.

**TrueSight Vulnerability Management** fast-tracks security so you can apply fixes in minutes, not weeks.

- Gain clear visibility into your security posture through integration with leading vulnerability scanners.
- Remediate vulnerabilities quickly through integration with TrueSight Server Automation, TrueSight Network Automation, or Microsoft SCCM.
- Close the SecOps gap between security and IT operations teams, and prioritize and remediate risks based on potential business impact.
- Automatically map vulnerabilities to servers and business services at risk, as well as the security patches available to address them.

**TrueSight Server Automation** automates server lifecycle management across physical, virtual, and cloud servers.

- Apply a policy-based approach to manage data centers with greater speed, quality, and consistency.
- Use automation to remediate vulnerabilities, distribute software and patches, manage change to reduce risk and avoid rollbacks, and save time and labor.
- Ensure compliance with a broad range of critical regulations and internal policies.
- Scale efficiently with cross-platform rules, templates, and reports to improve productivity.

**TrueSight Network Automation** enables fast, scalable, and secure network changes for agile organizations.

- Standardize and accelerate provisioning, configuration, and updates for network devices and SDN infrastructure.
- Gain near real-time visibility into configurations, compliance, and vulnerabilities.
- Maintain audit readiness through robust compliance reporting and achieve closed-loop compliance through ITSM integration.
- Save time and skilled labor, freeing up resources for more strategic tasks.



# Reducing risk with automated, business-centric vulnerability management

**TrueSight Vulnerability Management** empowers IT operations teams to address vulnerabilities based on potential business impact. You can:

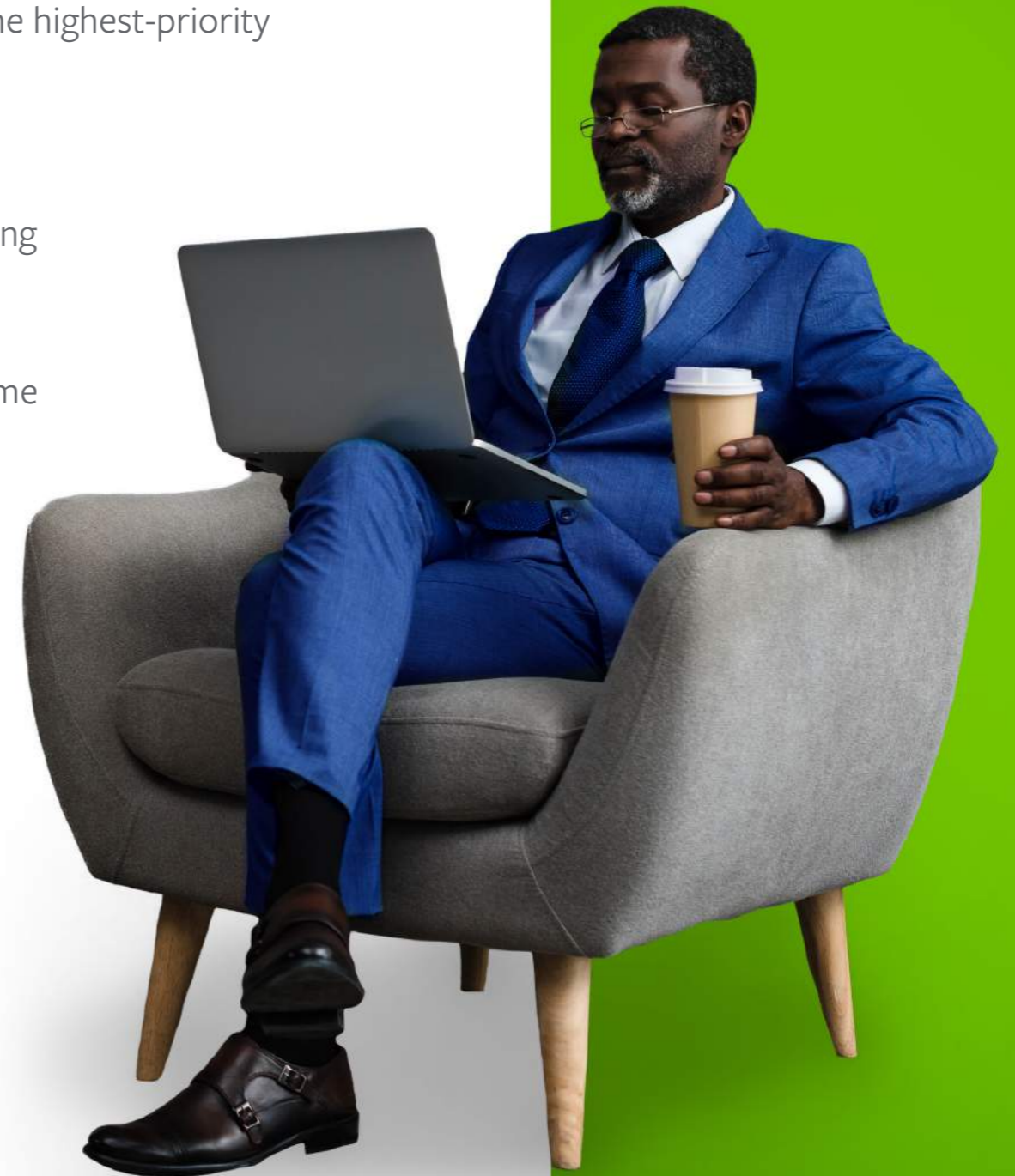
- Ingest data from leading vulnerability scanners including Qualys, Tenable, and Rapid 7, and use streamlined workflows to map vulnerabilities to the required patches.
- Leverage TrueSight Server Automation, Microsoft SCCM, or TrueSight Network Automation for corrective action.
- Understand vulnerability remediation performance trends, backlogs, and actual performance versus SLAs.



For **security teams**, TrueSight Vulnerability Management shows how quickly exposures will be reduced using graphical views of planned operations actions, predictive SLAs, and burndowns.

**Operations teams** can make security data actionable by focusing on the highest-priority items and highlighting areas of concern for the business.

Across every aspect of vulnerability management, automation reduces the manual labor required for security and compliance practices, allowing skilled employees to be allocated to more strategic tasks. By improving visibility and teamwork between security and operations, TrueSight Vulnerability Management helps close the SecOps gap to maintain uptime and stability while strengthening security defenses.



# Improving speed, quality, and consistency with server automation

**TrueSight Server Automation** enables secure, compliant, and automated server lifecycle management through a single point of control. With it you can:

- Perform full deployments—bare metal through full stack—via unattended installs, image-based, script-based, or template-based provisioning.
- Quickly and easily install and configure server changes on all major operating systems for both physical servers and leading virtualization and cloud platforms.
- Automate continuous compliance checks, remediation, and audit readiness for security or regulatory requirements with pre-configured policies for CIS, DISA, HIPAA, PCI, SOX, NIST, and SCAP.

TrueSight Server Automation can have a powerful impact on **security**. Robust **configuration management** makes it simpler to harden deployments, detect and remediate drift, and manage change activities to ensure stability, compliance, and performance. **Role-based access control** to restrict permissions to authorized roles and users. **Flexible reporting and dashboard views** help you assess the impact of a change, obtain real-time job status, and prepare for audits. Working with TrueSight Vulnerability Management, the solution helps close the SecOps gap and links vulnerabilities to identified patches so you can create a remediation plan, then leverage maintenance windows, create exceptions, and integrate with change management processes to ensure **timely patch execution**.

Enabling an **intelligent, automated, closed-loop remediation management system**, TrueSight Server Automation reduces risk with lower mean time to repair (MTTR) and 87% higher IT efficiency. IT can **lower costs** without the need for advanced programming or scripting skills; **increase deployment quality** to avoid change rollbacks; and allow skilled labor to be shifted to more strategic tasks.



# Increasing agility, security, and efficiency with network automation

**TrueSight Network Automation** helps admins accelerate the provisioning, configuration management, auditing, compliance, vulnerability management, and maintenance of network devices. You can:

- Manage physical and virtual network devices as well as SDN infrastructures with a single solution.
- Respond to dynamic business needs by rapidly deploying new physical or virtual network devices with gold-standard configurations.
- Accelerate configuration changes across thousands of network devices with automated rollback and change tracking.
- Browse real-time device configurations for troubleshooting or job status updates, or complete a compliance audit by capturing configuration, compliance, and security data across the entire network in minutes.
- Control device access to view or change settings; deploy pre-configured policies for CIS, DISA, HIPAA, PCI, SOX, NIST, and SCAP; and quickly remediate non-compliance.



To protect **your network infrastructure**, TrueSight Network Automation enables native, scanless detection of security risks in real-time with one-touch rule generation for vulnerabilities and remediation actions. Integration with TrueSight Vulnerability Management enhances visibility, and imported **Cisco® security advisories** and integrated security notifications from the **NIST National Vulnerability database** help you address threats quickly with zero downtime.

With TrueSight Network Automation, teams can perform faster, more consistent network changes, even at high volume, to **increase business responsiveness**. Vulnerabilities can be identified across thousands of devices in less than a minute to **reduce exposure time**, and **compliance audits** can be completed in 90% less time.



# Delivering real results for your business

## TrueSight Vulnerability Management

“ Online Business Systems has built our security integration framework on BMC technology and we believe that the new TrueSight Vulnerability Management will fill a critical gap in the market and be a game changer in the Security Operations space. ”

— Jon Fraser, Managing Director, North America, Online Business Systems

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## TrueSight Server Automation

One person day/month to patch 9,000 servers with **99%** success.

— Jon Fraser, Managing Director, North America, Online Business Systems

**100%** compliance with regulations 24x7x365 across 7,000 servers.

— International insurance firm

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## TrueSight Network Automation

**5** minutes down from 24 hours to detect changes and troubleshoot.

— US school district

600 days reduced to **4** days to enforce compliance across 14,000 nodes.

— US manufacturing company

**300+** event types automatically handled and remediated.

— International insurance firm

**130K** servers managed including patching and compliance.

— US bank

**Zero** downtime while making 180,000 changes.

— US technology manufacturer

**95%** faster compliance remediation.

— Health insurance provider

# Next steps

A rapidly evolving enterprise environment—and an ever-changing threat landscape—calls for a better way to manage vulnerabilities, servers, and network infrastructure. TrueSight solutions replace outdated, error-prone manual methods with the automation and end-to-end control that IT operations and security teams need today.

By increasing management speed, efficiency, and effectiveness across diverse physical, virtual, and cloud resources, you can provide the agile and responsive support your business depends on—with the protection it can't do without.

[Learn more here](#)





### About BMC

BMC helps customers run and reinvent their businesses with open, scalable, and modular solutions to complex IT problems. Bringing both unmatched experience in optimization and limitless passion for innovation to technologies from mainframe to mobile to cloud and beyond, BMC helps more than 10,000 customers worldwide reinvent, grow, and build for the future success of their enterprises.

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