

DATASHEET

SKYBOX FIREWALL ASSURANCE

Continuous Compliance for Multi-Vendor Firewall Networks

Skybox® Firewall Assurance provides comprehensive automation of firewall management tasks across different firewall vendors and complex rulesets. It simplifies compliance management, ensuring the state of your network is always in line with security policy design. And Firewall Assurance supports implementation of DISA STIGs and CIS benchmarks.

Skybox also helps reduce risk on firewalls themselves, so they can better protect your assets. With config data, OS versions and powerful analytics, Firewall Assurance can spot vulnerabilities on firewall devices.

Designed as a centralized firewall management solution for multi-vendor environments, Firewall Assurance empowers you to:

- Analyze virtual and cloud-based firewalls to better control east-west or north-south traffic
- Detect security and compliance problems using out-of-the-box or customized policies
- Track changes for continuous firewall monitoring
- Clean up and optimize firewall rules
- Normalize firewall rulesets for a consistent view across multiple vendors

BENEFITS OF FIREWALL ASSURANCE

- Identify security policy violations and platform vulnerabilities on your firewalls
- Get change recommendations to fix overly permissive rules through syslog and ACL data analysis
- Analyze how network traffic could flow through a firewall
- Automate firewall management for traditional, next-gen, virtual and cloud-based firewalls



Case Study

FIREWALL ASSURANCE

Customer:

- Leading payroll and HR firm
- Over 30,000 employees
- Worldwide operation, covering Americas, Europe and Asia Pacific

Challenges:

- Resource-intensive manual firewall management processes
- Management of multiple firewall vendors
- Segmented network visibility
- Lack of a security dashboard to understand risk

Results:

- Increased productivity 20 percent by automating security management and compliance
- Achieved continuous compliance with regulatory, industry and internal security policies
- Automated reporting for auditors and senior management

[Read the case study >](#)

HOW IT WORKS

Collect and Normalize

- Automatically collect data, log files and security policies
- Normalize for fast and consistent evaluation

Analyze

- Correlate config and policy data with best practices
- Identify and prioritize security gaps and policy violations

Report and Act

- Generate unique reports for each stakeholder
- Enable teams to optimize rulesets and identify misconfigurations

CONTINUOUS DETECTION

When you're responsible for keeping your network secure and firewalls compliant and optimized, you need to see how firewall rules and configurations impact your attack surface. Powerful analytics deliver accurate insights on-demand to ensure continuous control of your firewalls.

Firewall Assurance delivers continuous detection of security threats and compliance risk. It does this by:

- Highlighting access policy violations and provides root cause analysis
- Identifying rule conflicts, misconfigurations and firewall vulnerabilities
- Incorporating compliance metrics and configuration analysis

SUPPORTS NEXT-GEN FIREWALLS

- Supports next-generation firewall access and rule compliance at the user and application level
- Shows the relationship between IPS signatures and vulnerability occurrences on assets, helping admins configure IPS signatures correctly

FIREWALLS CONTINUOUSLY OPTIMIZED

- Imports, combines and normalizes firewall data automatically from multiple vendors
- Continuously monitors firewalls to eliminate security gaps
- Targets redundant, hidden and obsolete rules for cleanup and optimization



COMPREHENSIVE VISIBILITY AND REPORTING

- Gives fast insight to how firewall risks impact your attack surface
- Shows the relation between firewalls and zones on an interactive map
- Automates reporting for firewall ruleset audits

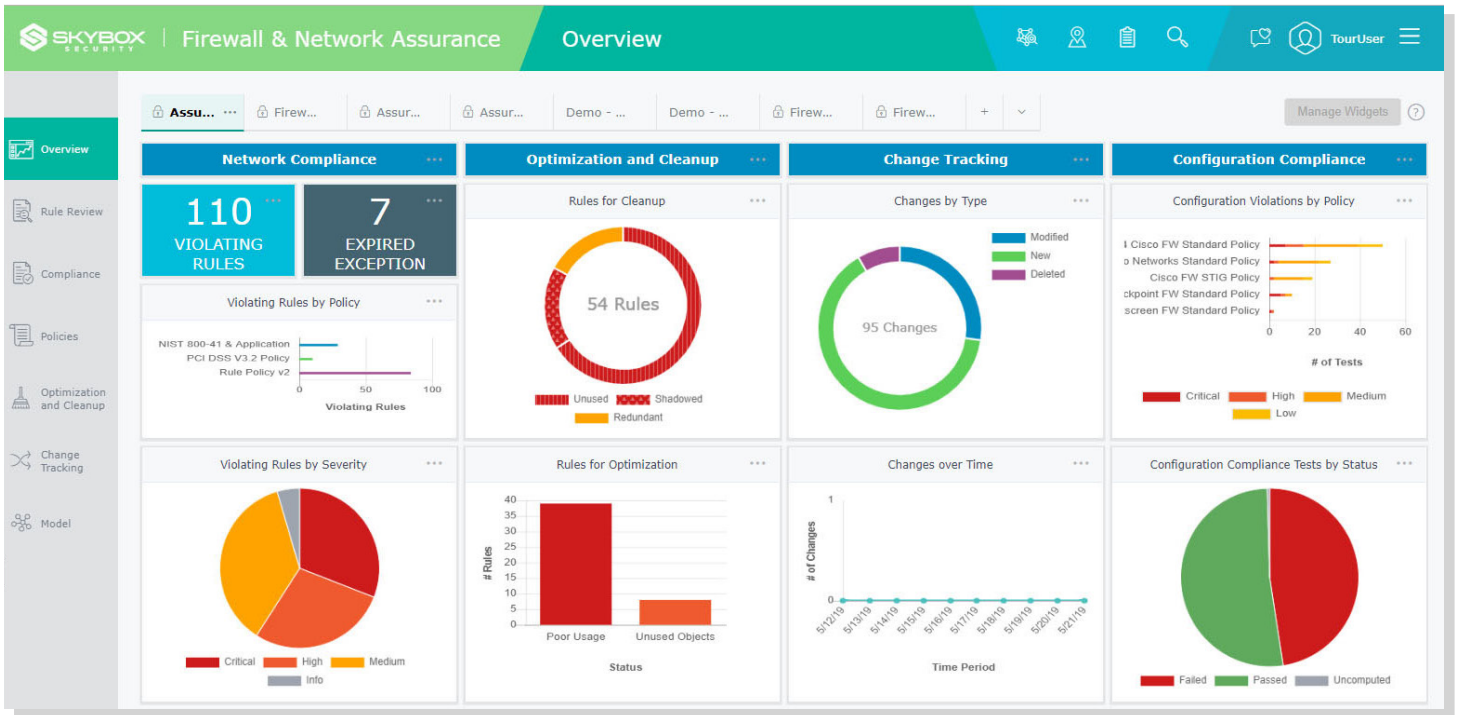


FIG 1: Overview of customizable dashboard in the Firewall & Network Assurance web UI



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ABOUT SKYBOX SECURITY

At Skybox Security, we provide you with cybersecurity management solutions to help your organization innovate rapidly and with confidence. We get to the root of cybersecurity issues, giving you better visibility, context and automation across a variety of use cases. By integrating data, delivering new insights and unifying processes, you're able to control security without restricting operational agility. Skybox's comprehensive solution unites different security perspectives into the big picture, minimizes risk and empowers security programs to move to the next level. With obstacles and complexities removed, you can stay informed, work smarter and drive your organization forward, faster.