



Network Assurance

Get total visibility and contextual intelligence across complex hybrid networks

Challenges

Organizations need a complete picture of their network topology to protect their investments, simplify audit and compliance projects, and maximize their security efficacy. But as networks expand and grow more complex, network operations teams have more devices and cloud workloads to manage. They also have an increasingly fragmented set of controls, functional silos, staffing issues, and inconsistent policy enforcement. Without total visibility of their network health and policy management, IT teams continue to struggle with network outages, compliance issues, audit failures, and cyberattacks.



20%

**increase in
network device
vulnerabilities
in 2021¹**

Solution

Skybox Network Assurance enables you to construct a network model that delivers complete visibility across complex hybrid networks, that simplifies your network management, speeds up compliance processes, and improves risk assessment and prevention of network-based intrusions. With Network Assurance, you can visualize and interact with your entire network topology, sets of assets, and security controls. You can understand how policies translate across complex multi-cloud and hybrid network environments. Easily manage security policies your across physical IT and OT networks and public and private clouds. You can automate network policy management and audit tasks for more efficient compliance projects.

¹ Vulnerability and Threat Trends Mid-Year Report 2021, Skybox Security

Capabilities

Connect and correlate

- + Collect and normalize data from all L3 network devices, public and private clouds, software-defined data centers and OT networks
- + Correlate all access control lists, security tags, routing rules, NATs, proxies, VPNs and more
- + Troubleshoot network connectivity problems and identify root causes

Analyze and audit

- + Analyze network configurations, network paths, and application connectivity and access from any source and to any destination
- + Automate compliance tasks and validate requirements for network configurations, security zone policies, network zones, routers, and switches
- + Understand policy translations across complex multi-cloud and hybrid network environments

Detect and protect

- + Gain visibility of your cyber risk exposure with end-to-end path analysis across traditional, cloud, and OT networks
- + Uncover potential attack vectors and reduce your attack surface
- + Identify vulnerabilities and exposures within your hybrid network infrastructure and mitigate potential exploits leveraging Skybox Threat Intelligence

Connect, normalize, optimize

Skybox Network Assurance is an essential component of the Skybox Security Policy Management (SPM) solution. SPM unifies the capabilities of Firewall Assurance, Network Assurance, and Change Manager to connect, normalize, and optimize your network and security data to make complex policy management easier, faster, and more effective.

Skybox Security Posture Management platform

Security Policy Management (SPM)

- Firewall Assurance
- Change Manager
- **Network Assurance**

Vulnerability and Threat Management (VTM)

- Vulnerability Control
- Threat Intelligence

Contact an expert

Schedule a demo >>>

ABOUT SKYBOX SECURITY

Over 500 of the largest and most security-conscious enterprises in the world rely on Skybox for the insights and assurance required to stay ahead of their dynamically changing attack surface. Our Security Posture Management Platform delivers complete visibility, analytics and automation to quickly map, prioritize and remediate vulnerabilities across your organization.