



# Skybox® Risk Control

## Risk Assessment, Vulnerability Prioritization, Attack Modeling

Skybox Risk Control creates a detailed visual representation of the network and analyzes potential risks to system and information assets, helping IT security and compliance managers pinpoint and resolve critical issues. Risk exposures are continuously assessed and quantified, so IT departments focus attention on the most important and immediate risks. Attack simulation prioritizes risks from an attacker's point of view, based on network topology, known vulnerabilities and threat intelligence.

Risk Control collects the configurations for firewalls, routes, load balancers from an existing management server or directly from the device, using the data to generate a network topology map. Host and vulnerability information is collected via scanners, patch management or management systems to complete the virtual IT network model.

### Prioritize Vulnerabilities

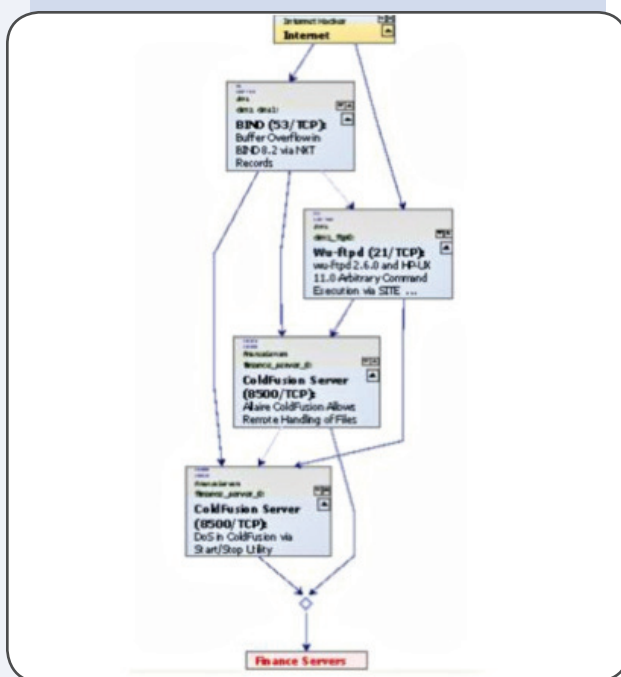
Risk Control provides security analysts with the ability to quantify, prioritize, and manage an overwhelming number of vulnerabilities so that the most critical risks can be remediated quickly. The solution also enables the assessment of risk metrics and trends for the overall organization as well as drilling down to the business asset level.

### Simulate Cyber Attacks

As cyber criminals become more sophisticated, vigilant network managers must use sophisticated tools to assess areas of vulnerability and anticipate potential attack scenarios. With Risk Control, users can simulate attack scenarios in a virtual network model, identifying security gaps and possible countermeasures to prevent the breach.

### Demonstrate PCI DSS Compliance

Risk Control quickly generates PCI compliance reports that follow the PCI DSS v1.2 requirements 6.1 and 6.2. The reports provide proof to auditors that compensating controls (such as firewalls and intrusion prevention systems) sufficiently mitigate the risk of exploitation of vulnerabilities.





## Key Features

- Detailed, continuously updated virtual model of the IT infrastructure
- Normalized view of all threat, vulnerability, assets and control data
- Business impact and risk metrics reports
- Automatic vulnerability prioritization
- Built-in ticket generation system and remediation status tracking
- Customizable reporting for management, auditors, and IT operations
- Comprehensive dashboard highlighting key performance indicators (KPIs), security profile, and alerts
- Supports most major information sources and devices: AlterPoint, BigFix, Check Point, Cisco, eEye, HP, ISS, Juniper, McAfee, nCircle, Nessus, Nortel, Opsware, Qualys, Symantec
- What-if analysis to predict risk behavior and business impact
- Integrates with Skybox Threat Manager: to prioritize vital threats and update risk alerts

## Supported Operating Systems

Windows 7 | Windows Server 2008 | Windows Server 2003 (32/64 bit)  
 Windows XP Professional SP2 or higher | Windows Vista  
 Red Hat Enterprise Linux v.4 (32/64 bit), v.5 (64 bit) | CentOS

## Minimum Hardware Requirements\*

Memory: 4GB RAM | CPU: 2.8 GHz | Storage: 20GB

## Supported Devices—Network Devices

Check Point VPN-1 | Firewall-1 and Provider-1  
 Fortinet Fortigate 2.x, 3.x | Fortinet VDOM  
 Nokia Appliances running Check Point FW-1/VPN-1  
 McAfee Secure Firewall (Sidewinder) G2, V.6  
 Cisco routers running Cisco IOS 11.x, 12.x | Cisco PIX, ASA, FWSM  
 Juniper Netscreen, SSG, ISG running ScreenOS 4.x, 5.x, 6.x, and  
 Network and Security Manager (NSM) | Symantec SGS

## Supported Devices—Vulnerability Scanners

IBM Internet Scanner | IBM Proventia Network Enterprise Scanner  
 McAfee Vulnerability Manager (formerly Foundstone Enterprise)  
 Nessus | NMAP Network Scanner | nCircle IP360  
 Qualys QualysGuard | eEye Retina

## Supported Devices—Threat Management Services

Symantec DeepSight | Verisign iDefense

## Supported Devices—Management Systems

Cisco Works

\* = Ask a Skybox Professional Service representative for additional information based on your specific needs.



## Skybox Advantages

- Pinpoint critical IT risks and vulnerabilities before they cause harm
- Recommend and validate effective remediation alternatives
- Model potential impacts of cyber threats
- Eliminate time spent on unnecessary patching

