

## NETWORK MODELING AND RISK PRIORITIZATION WITH QUALYSGUARD® AND SKYBOX VIEW®

Skybox View enables customers to transform raw configuration and security data into actionable business intelligence and provides analytical and predictive capability, simulation, work-flow management, what-if, and decision-support analysis. This data is analyzed in order to generate accurate risk and control assessments and reports in order to make decisions and prioritize actions.

**The integration of Skybox View with QualysGuard vulnerability management data provides customers with the following capabilities and benefits:**

### **Network modeling**

Integration generates a network model that incorporates vulnerability information and network device information (e.g. firewall and routers). In depth analysis of this model is possible including attack and access simulation that can accurately reveal all possible attack paths from potential threats as well as measure their impact on the enterprise's critical business assets.

### **Continuous and automated vulnerability assessment**

The integration with QualysGuard provides real-time update of asset vulnerability data. As new hosts and vulnerabilities are discovered by QualysGuard, this information becomes immediately available to the Skybox View risk assessment engine in order to automatically evaluate the change in risk exposure.

### **Risk metrics and prioritization**

Risk metrics are based on the risk that a vulnerability imposes on critical business assets depending on its exposure to potential attackers inside and outside the organization's network. Vulnerabilities that can be exploited by potential attackers in one step (direct exposure) or more than one step (indirect exposure). Each of these can result in different levels of risk based on ease of exploit, value of the target business asset and impacts due to breaches of confidentiality, integrity or availability.

### **Firewall and regulatory compliance**

The integration allows in-depth analysis of complex firewall rules in addition to automating the process of auditing firewalls. On-demand audits take only a few minutes, streamlining regulatory compliance (PCI, FISMA, etc.). In addition, network access and connectivity issues are continuously analyzed.

## How it Works

The integration with QualysGuard provides real-time updates of asset vulnerability data. As new hosts and vulnerabilities are discovered by QualysGuard, this information becomes immediately available to the Skybox View risk assessment engine in order to automatically evaluate the change in risk exposure.

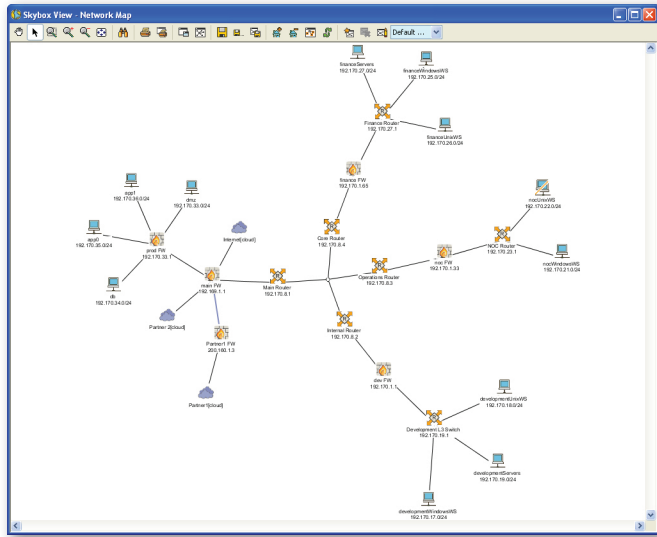


Figure 1: Network Modeling to Show Attacks on Critical Assets

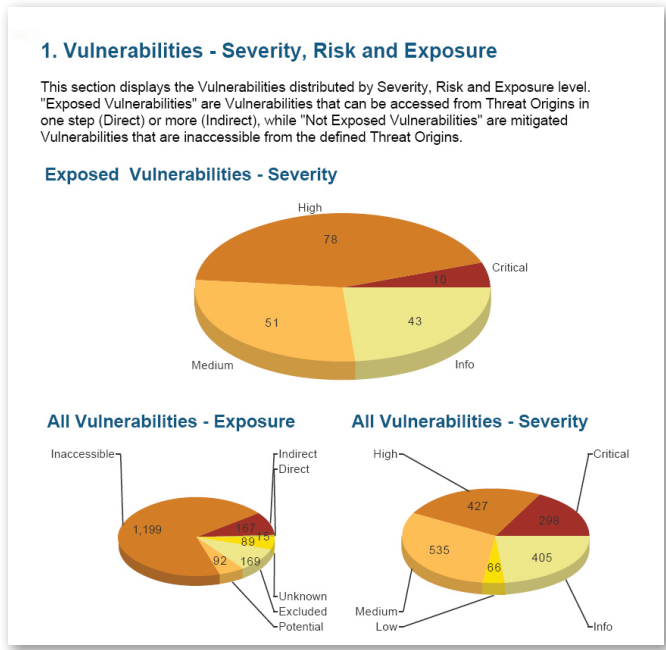


Figure 2: Summary of Vulnerability Assessment Data from QualysGuard

## About Skybox

Skybox Security provides automated risk assessment and compliance analysis software to global organizations. The company's customers are the who's who of the world's leading organizations with mission-critical global networks. With Skybox View enterprises can protect their hard-earned reputation and irreplaceable brand by accurately pinpointing and prioritizing high areas of risk and compliance exposures in minutes versus weeks or months. Skybox Security markets two product lines: Skybox Secure and Skybox Assure - both supported by a common, scalable platform called Skybox View. For more information visit [www.skyboxsecurity.com](http://www.skyboxsecurity.com).

## About Qualys

Qualys, Inc. is the leading provider of on demand IT security risk and compliance management solutions – delivered as a service. Qualys' Software-as-a-Service solutions are deployed in a matter of hours anywhere in the world, providing customers an immediate and continuous view of their security and compliance postures. The QualysGuard service is used today by more than 3,500 organizations in 85 countries, including 35 of the Fortune Global 100 and performs more than 200 million IP audits per year. Qualys has the largest vulnerability management deployment in the world at a Fortune Global 50 company. Qualys has established strategic agreements with leading managed service providers and consulting organizations including BT, Etisalat, Fujitsu, IBM, I(TS)2, LAC, SecureWorks, Symantec, TELUS and VeriSign. For more information, please visit [www.qualys.com](http://www.qualys.com).



USA – Qualys, Inc. • 1600 Bridge Parkway, Redwood Shores, CA 94065 • T: 1 (650) 801 6100 • [sales@qualys.com](mailto:sales@qualys.com)  
UK – Qualys, Ltd. • 224 Berwick Avenue, Slough, Berkshire, SL1 4QT • T: +44 (0) 1753 872101  
Germany – Qualys GmbH • München Airport, Terminalstrasse Mitte 18, 85356 München • T: +49 (0) 89 97007 146  
France – Qualys Technologies • Maison de la Défense, 7 Place de la Défense, 92400 Courbevoie • T: +33 (0) 1 41 97 35 70  
Japan – Qualys Japan K.K. • Pacific Century Place 8F, 1-11-1 Marunouchi, Chiyoda-ku, 100-6208 Tokyo • T: +81 3 6860 8296  
Hong Kong – Qualys Hong Kong Ltd. • 2/F, Shui On Centre, 6-8 Harbour Road, Wanchai, Hong Kong • T: +852 2824 8488

