

SOLUTION BRIEF

Automating Vulnerability Management



The Solution

This holistic view of a network's vulnerabilities across machines, connected devices, and web applications allows Secureworks to deliver a significantly more meaningful risk score for each vulnerability, one that accounts for each vulnerability's unique circumstances, surrounding environment, and operational context.

Secureworks' modern vulnerability management solution minimizes the manual effort - and eliminates the guesswork - from conventional VM operations.

Unlike legacy VM products that have delivered precious little innovation in the past decade, Secureworks offers:



A Fully Integrated, Comprehensive Solution



An Automated, Configuration-Free Approach to VM



Self-Learning, ML-driven Performance Improvement



Built-in, Meaningful Contextual Prioritization

Fully Integrated, Comprehensive Solution

Secureworks' solution includes the following elements of a complete VM program:

- Asset Discovery (Endpoints & Web Apps)

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- Built-In, Outlier Asset Identification Using ML
- Machine and Connected Device Scanning
- Integrated Web Application Security Testing
- Secureworks' Exclusive, ML-Driven, Contextual Prioritization
- Remediation Planning and Risk-Reduction Scenario Reporting

Automated, Configuration-Free Approach to VM

Existing VM products require substantial upfront configuration, as well as ongoing manual intervention. Since its founding, Secureworks' corporate objective has been the automation of as much of the VM process as possible, providing customers substantial TCO savings in time and resources. Some examples of how Secureworks is removing the manual activity from traditional VM operations are included in the table below.

	Conventional VM Products	Secureworks
Identification of Business-Critical Assets	Manual	Automated
Remediation-Centric Vulnerability Grouping	Manual	Automated
One-off Scan Templates for New Critical Vulnerabilities	Manual	Automated
Thorough Web Asset Discovery	Manual	Automated
Scan & Discovery Schedule Handling (blackouts, failures, etc)	Manual	Automated
Continuously Tracking the Connection Between Web and Machine assets	Manual	Automated

Self-Learning, ML-driven Performance Improvement

As a machine-learning (ML)-based platform, Secureworks is designed to improve its performance as it collects data. Further, as a SaaS platform, Secureworks can leverage data collected not just from Customer 1 for the benefit of Customer 1, but from all Secureworks customers using the product. So, Customer 1 benefits not only from the activities of Customer 1, but also from the activities of Customers 2, 3, 4...n.

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Some examples of how the Secureworks platform self-improves vs traditional VM products' fixed or static behavior are provided in the table below:

	Conventional VM Products	Secureworks
Prioritizing Vulnerabilities in Context	Not Available	ML-Based Improvement Over Time
False Positive Prediction/Detection	Manually Adjusted	ML-Based Improvement Over Time
Identification of Outlier Assets	Not Available	ML-Based Improvement Over Time
Identifying Predicted Remediation Timeframe for Specific Vulnerabilities	Manual	ML-Based Improvement Over Time
Prediction of Short-Term Exploit Publication	Partially Available	ML-Based Improvement Over Time

Built-in, Meaningful Contextual Prioritization

Perhaps the most compelling element of Secureworks' offering is its exclusive Contextual Prioritization. No other VM solution on the market delivers a prioritization capability that understands the asset's operational context, accounts for the unique characteristics of the enterprise's network, and yields a vulnerability risk score unique to each network...and even unique to the same vulnerability on different parts of the network. Secureworks Vulnerability Detection and Prioritization (VDP) leverages 3 dozen internal and external factors to yield a meaningful prioritized list of vulnerabilities, so your team knows what to fix first, and what can wait.

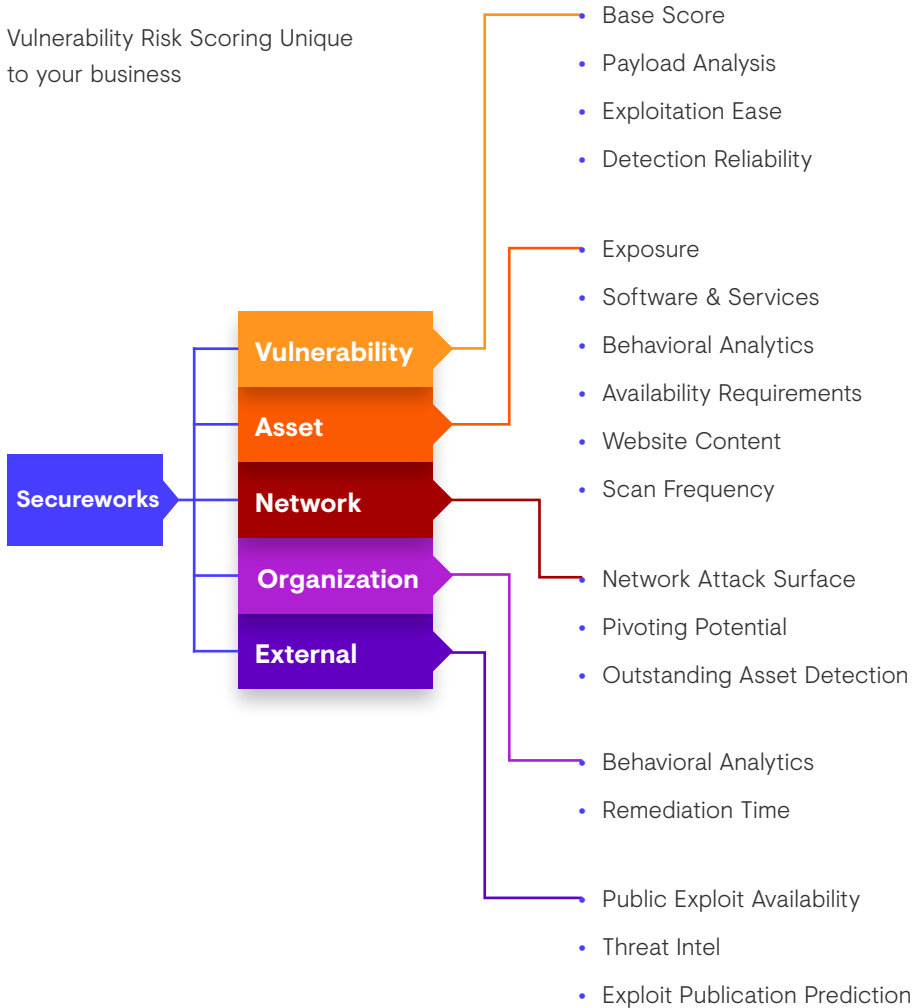
Secureworks' Contextual Prioritization has been shown to reduce the number of critical vulnerabilities on some networks by a factor of 15. More importantly, however, Secureworks' prioritization engine identifies seemingly low criticality vulnerabilities that are actually high priority, surfacing serious security issues that might otherwise be neglected.

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An overview of the categories into which these 3 dozen factors fall is provided in the graphic below.

Contextual Prioritization:

Vulnerability Risk Scoring Unique to your business



About Secureworks

Secureworks® (NASDAQ: SCWX) a global cybersecurity leader, enables our customers and partners to outpace and outmaneuver adversaries with more precision, so they can rapidly adapt and respond to market forces to meet their business needs. With a unique combination of cloud-native, SaaS security platform and intelligence-driven security solutions, informed by 20+ years of threat intelligence and research, no other security platform is grounded and informed with this much real-world experience.

www.secureworks.com



For more information, call **1-877-838-7947** to speak to a Secureworks security specialist
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