Quantifying Risk with InsightVM

It's an all-too-familiar scenario: Thousands (maybe even millions) of vulnerabilities are identified across your ecosystem, and an overwhelming—if not unmanageable—portion of them are labeled in bright red as "critical." Meanwhile, you have no clearer direction on where exactly your IT team can start for the most actionable and impactful remediation. Fact is, prioritizing using CVSS, the long-time industry standard, is no longer sufficient on its own to meet modern vulnerability management needs.

Rapid7 InsightVM, our leading vulnerability risk management solution, assesses and prioritizes risk based on various relevant factors, such as its potential impact to your business and what attackers are actively doing in the wild. InsightVM leverages a unique, 1-1000 Real Risk Score that combines CVSS base metrics of business impact and exploitability with measures of exposure to give you a more granular view of what's relevant here and now. The result? You walk out with clear next steps toward remediation, and—dare we say—a manageable cadence of tasks for you and your IT team.

5/5

Don't just take it from us...

InsightVM earned the highest possible scores in the criteria of Vulnerability Enumeration and Risk-Based Prioritization.
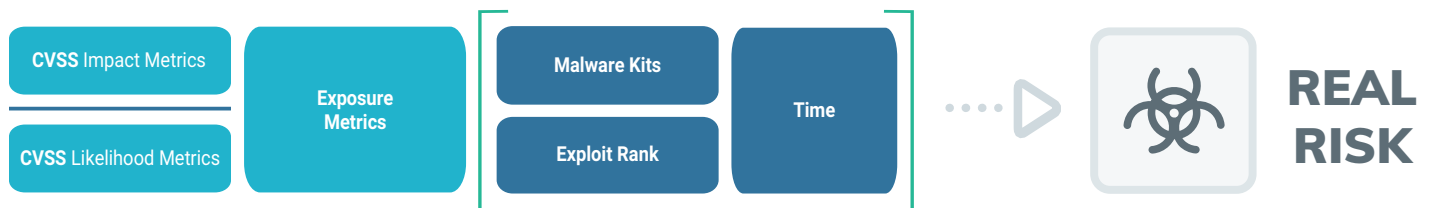
—The Forrester Wave™: Vulnerability Risk Management, Q4 2019

Dive deeper with Real Risk

You're probably wondering, "what's wrong with CVSS?"

Intended to augment high-level CVSS rankings, the Real Risk algorithm considers CVSS metrics of asset impact (based on confidentiality, integrity, and availability) in the context of its type and length of exposure and the vulnerability's exploitability (based on its access vector, access complexity, and authentication requirements). Now, we know that not all businesses are equal: With the help of the robust tagging system in InsightVM, adding a criticality tag to an asset that is particularly important to your organization—such as a system that hosts PII or sensitive corporate data—will weigh its Real Risk score more heavily compared to lower-priority assets.

CVSS Impact Metrics
CVSS Likelihood Metrics
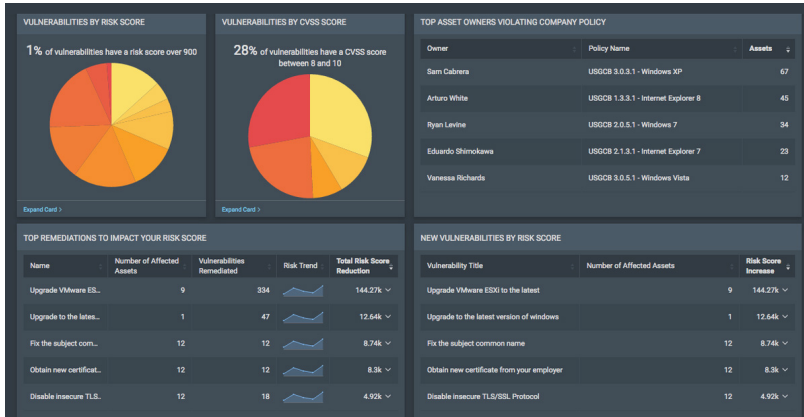Exposure Metrics
Malware Kits
Exploit Rank
Time
REAL RISK

Additionally, Real Risk is informed by our intimate knowledge of modern attacker methods (you may have heard of Metasploit, our pen testers, or our threat intel team), letting you act before a potential moment of impact.

Like keeping your options open? InsightVM enables you to toggle your risk scoring strategy between Real Risk, Temporal (or TemporalPlus), Weighted, and more.

Know Thy Enemy (and Thy Allies) with Threat Feeds and Live Dashboards

Understanding risk in InsightVM doesn't begin and end with scoring vulnerabilities. InsightVM also includes Integrated Threat Feeds that help you understand the current threat landscape, and Live Dashboards that visualize your risk posture over time—all at no additional cost.

Integrated Threat Feeds

Integrated Threat Feeds in InsightVM show you the threats that are most relevant to your environment. This enables you to better protect against current, impending threats and react quickly to critical, named vulnerabilities (such as celebrity zero-days). The feeds are informed by public data as well as proprietary threat intelligence and adversary research that's continuously gathered under our own roof. By default, these customizable cards show only threat intelligence for vulnerabilities currently existing in your environment, so you can better target them for remediation.

Live Dashboards

Live Dashboards in InsightVM empower your team to track Real Risk over time. This visualization provides a simple way for all types of users, from sys admins to CISOs, to visualize how the efforts of your security and IT teams are impacting the organization, especially in the face of changing environments and threat landscapes. This way, you can stop guessing if you're just spinning your wheels and start providing tangible progress metrics.

"The Real Risk score in InsightVM has propelled risk prioritization lightyears ahead of where we would have been otherwise."

— Brett Deroche
Director of Security Operations at Amedisys

Get started today:

Dive deeper into how InsightVM can help secure your modern environment at www.rapid7.com/insightVM.