

TECHNOLOGY BRIEF
RiskSense Security
Rating Service

Keep Tabs of How an Attacker Sees Your Organization to Quickly Take Care of Attack Surface Exposure

**SECURITY RATING
SERVICE FEATURES**

- Key component needed to enable a Full Spectrum Risk-Based Vulnerability Management program
- Service continuously scans and quantifies organizational risk from an external perspective
- Provides end-to-end management and tracking of findings and remediation ensuring closed-loop validation
- Computes from observable data Network Security, DNS Security, Application Security, Email Security, Patch Cadence Trends, and Domain Reputation then leverages the RiskSense platform threat intelligence analytics for breach susceptibility
- Configurable dashboard showing external organizational exposure and changes to external RiskSense Security Scores (xRS³)

**THE CHALLENGE**

Today there are significant challenges of managing the digital footprint for large organizations. Vulnerability scanning programs look at networks and host findings, but scan frequency and a focus on asset vulnerability have limitations. Truly seeing how hackers view your organization requires a broader perspective. Looking specifically from an external viewpoint at a variety of data points provides the context for how well an organization addresses cybersecurity risk. Scanning performed by an external organization removes any organization bias or assumptions. Web and application development with DevOps moves fast, utilizing cloud infrastructure, application frameworks, API integrations, and many times creates a shadow IT environment. This situation can lead to forgotten external assets, misconfigurations in DNS and email, inadvertently exposed cloud resources, containers, and applications. Organizations do not need surprises like this but a way to manage their potential cyber risk exposure more effectively.

When every external-facing resource is a potential target for a hacker, only a full-spectrum vulnerability management program provides internal and external context of the risk exposure across an organization's attack surface.

USE CASES**Control Cyber Risk and Reputation**

Weaknesses and lapses in security processes are what the cybercriminals track. Automated digital reconnaissance and signals of IT effectiveness are easily determined from passive scanning. Your organization is stack ranked based on measurable gaps that relate to security management. Today this is used not only by hackers but by others in your industry and ecosystem, providing a risk perspective of an organization's security posture. Security rating services have little value if they only provide a score. The problem is that the details and findings these services used in their scoring are not transparent and do not come with prescriptive remediation recommendations for improvement. Taking proactive measures to keep tabs on your external cyber risk exposure is what the RiskSense Security Rating Service does. It provides you the full scope of observable data and remediation steps to protect your organization's security reputation, and of course, attack surface exposure.

BENEFITS OF RISKSENSE SECURITY RATING SERVICE



Diligence in Determining External Assets

RiskSense performs scanning and reconnaissance to obtain an organization's external assets, many times finding 20-25% more assets than what the organization knew about.



Organizational xRS³ Score

This score is an aggregation of six diverse scoring categories and each are tracked individually in the SRS dashboard with ability to view the full details behind the specific category findings.



Fast Time-to-Value

No integrations, logs, network access, professional services, or technical expertise required – just a second-level domain name. Actionable remediation actions and workarounds are recommended for identified findings.



Benchmarking

See the scores of your industry peers and view how you rank in comparison.

SCORING COMPONENTS



Network Security

The service reviews the security of network configurations, software, and open ports. The prevalence of exploits using open ports is mapped, revealing the risk exposure of the services running on those ports. SSH and SSL configurations and certificate validity are also tested.



Application Security

Measures the security risk posed by vulnerabilities within web and application frameworks that may lead to the compromise of the application or its data and identifies recommended patches.



Patch Cadence

Reviews how quickly an organization takes action against security vulnerabilities. The RiskSense platform threat and vulnerability analytics delivers prioritization and remediation recommendations incorporating trending exploits and vulnerability capabilities.



Email Security Practices

Ensures authenticity of emails originating from your organization's domain. Configuration settings and software are monitored covering DKIM, SPF, and MX record best practices with recommendations provided for deficient configurations.



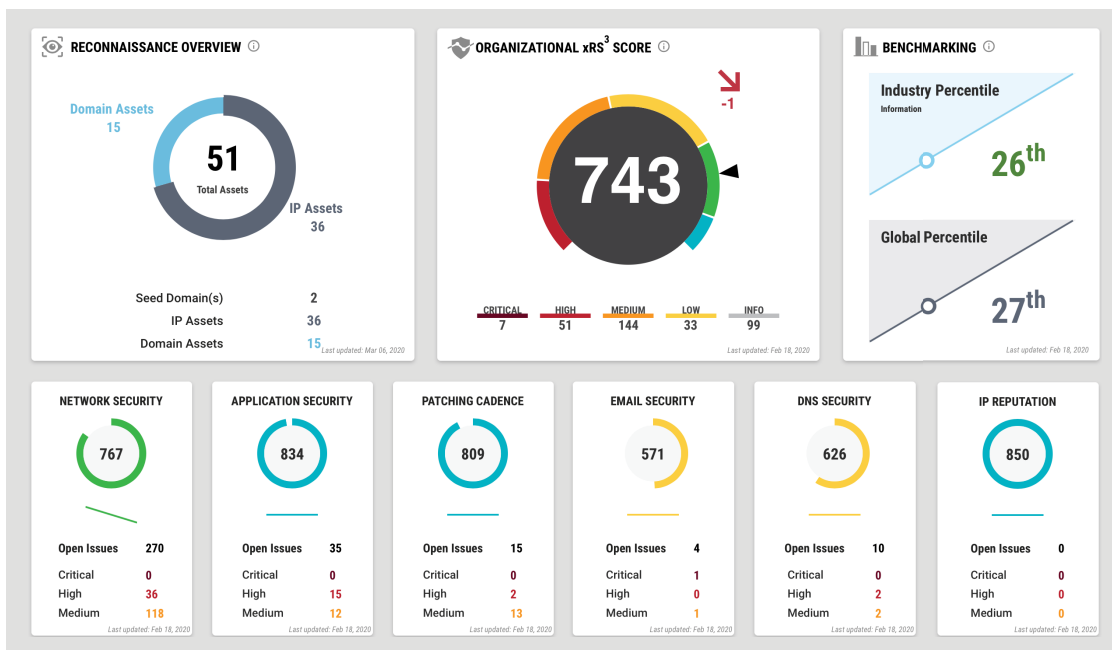
DNS Security

Monitors the DNS settings and software and covers SOA best practices, DNSSEC, as well as typosquatting instances.



IP Reputation

Determines if any of the organization's external asset infrastructure has been a target of malicious activities that affect valuable reputation and brand, including Command and Control (C2 servers), botnets, spam or phishing campaigns, and malware campaigns.



Keeping Tabs on Your Organization from a Hacker's Viewpoint

ABOUT RISKSENSE

RiskSense®, Inc. provides vulnerability prioritization and management to measure and control cybersecurity risk. The cloud-based RiskSense platform uses a foundation of risk-based scoring, analytics, and technology-accelerated pen testing to identify critical security weaknesses with corresponding remediation action plans, dramatically improving security and IT team efficiency and effectiveness. For more information, visit www.risksense.com or follow us on Twitter at [@RiskSense](https://twitter.com/RiskSense).



Contact us today to learn more about RiskSense

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