

Trend Vision One™ – Attack Surface Risk Management (ASRM)

Slash your cyber risk footprint

With never-ending technological advancements, enterprises are rapidly expanding, but at a pace that outstrips the traditional controls employed to oversee them. According to ESG, **only 9% of organizations** believe they actively monitor their entire attack surface.

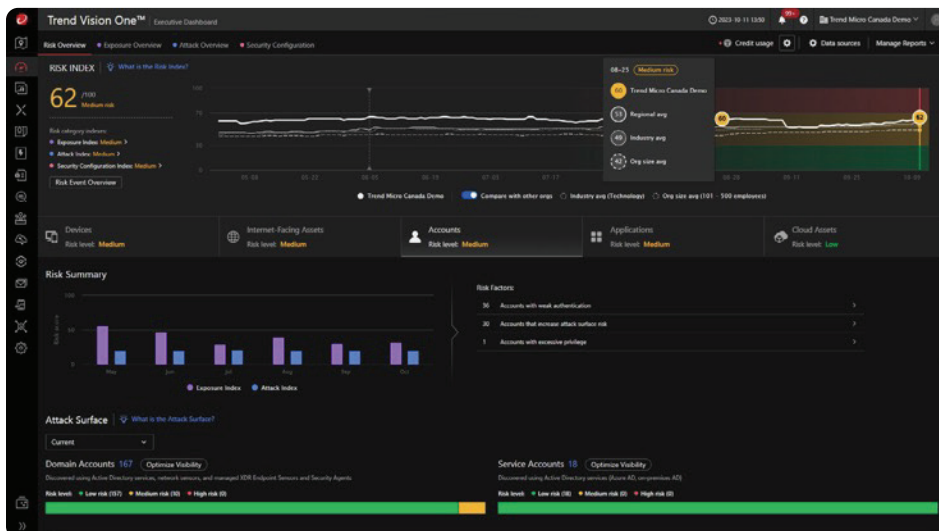
However, when factoring in dynamic elements such as dispersed teams and organizations, business transformation efforts, hybrid infrastructure environments, supply chain expansion, and even mergers and acquisitions, uncertainty increases.

In a recent Ponemon Institute report, **69% of the small to medium-sized businesses queried** stated that they were seeing an increase in targeted cyberattacks. On top of this, threat actors and deployed cyberattacks are only becoming more sophisticated. Through traditional, siloed attack surface management (ASM) solutions, organizations tend to have a harder time maintaining proper visibility of their attack surface, let alone properly managing it to effectively reduce risk.

Introducing Trend Vision One – Attack Surface Risk Management (ASRM)

ASRM is a next-gen solution that brings enhanced, proactive security to SecOps war rooms all the way up to the executive boardroom. Supported by our industry-leading research, ASRM empowers security leaders and teams to discover and contextually evaluate overall organizational risk. In addition, it allows you to leverage advanced AI and ML models, which produce remediation recommendations to help you proactively mitigate risks and reduce the attack surface.

ASRM dashboard view in Trend Vision One™, complete with organizational risk score



Utilize ASRM to enable:

- Rapid continuous attack surface discovery
- Real-time risk assessments
- Prioritized, actionable risk insights with recommendations
- Proactive risk remediation and management
- Dashboards and reporting



Attack surface risk management is a game-changer, allowing us to assess domains, prioritize vulnerabilities, and chart a focused plan of attack. This helps us pinpoint our vulnerable areas and allocate resources effectively.



City of Columbia, USA

Proven industry Leader

Trend Micro a Leader in The Forrester Wave™: Attack Surface Management Solutions, Q3 2024



KEY CAPABILITIES	
Attack surface discovery	Discover which organizational assets might be exposed to attack including on-premises desktops and servers, devices, internet-facing and cloud assets, accounts, and applications.
Security playbooks	Mitigate critical threats, reduce alert fatigue, and eliminate repetitive tasks by leveraging built-in security playbooks for automated remediation.
Dashboards and reporting	Gain visibility into your organization's overall cybersecurity strength while also being able to quickly drill down deeper to assess and mitigate vulnerabilities related to users, devices, and other assets. Generate custom reports based on your unique security needs.
External attack surface management (EASM)	Look beyond your internal environment, maintaining the security posture of internet and other external-facing assets.
Identity posture	Discover identities within your organization using connected data sources, visualize and identify anomalous behavior, and take action to help mitigate risk.
Cloud asset inventory	Gain and centralize visibility across multiple AWS, Microsoft Azure, and Google Cloud Platform™ (GCP) accounts and resources.
Risk assessment and prioritization	Leverage quick and frictionless risk assessments and prioritization across on-premises and cloud assets.
Contextual visibility and asset graphing	Easily understand which assets introduce risk, where, and how to take proactive action. This helps reduce said risk quickly, all while going further to prevent possible data breaches and major attacks.
Container runtime vulnerability prioritization	Quickly see your vulnerability risk level, mapped with container cluster, container image, and any prevention rules from Trend Vision One that enable protection before attackers can affect applications.
Cloud security posture management (CSPM)	Detect cloud misconfigurations and map findings with dozens of best practices and compliance frameworks. This makes it possible to help cloud security and compliance teams understand their level of compliance, easily identifying any deviations from appropriate security standards.
Agentless malware and vulnerability scanning	Identify and prioritize malware and vulnerabilities with scanning that enables actionable insights, guided remediation, and future prevention.
Asset risk profile and attack path	Assess the risk of each asset, along with its relationships with other resources—viewable in visual graphs—to spot attack paths before malicious actors can access them.
API visibility integrated with Amazon API Gateway	Quick inventory visibility for Amazon API Gateway across multiple cloud accounts associated with risk findings and with lack of authentication and other risk among APIs.

Why ASRM is the optimal choice for security teams

Do more with less

Reduce tool sprawl and improve efficiencies by bringing multiple capabilities together in a single easy-to-use solution. This includes EASM, CAASM, CSPM, and vulnerability prioritization.

Comprehensive

Gain an accurate and comprehensive view of your risk exposure. Utilize the combined power of native sensors, third-party sources, and industry-leading threat research.

In addition, harness intelligence analyzed against the most extensive set of risk factors across on-premises, cloud, and hybrid environments.

Actionable

Take charge of your risk in an actionable and meaningful way. Insights from continuous real-time risk assessments inform and drive prioritized response actions. Orchestrate and automate risk response across your enterprise for greater efficiency.

Platform advantage

Experience seamless holistic security. ASRM is a cornerstone of Trend Vision One platform, the only cybersecurity solution that consolidates attack surface management,

XDR, and protection across security layers in a single console. Easily meet your consolidation, compliance, and zero-trust goals.

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