Zscaler Risk360™: Greater Business Rewards, Less Security Risk

Quantify, visualize, and remediate risk

Business challenge

Security leaders don't have a reliable, repeatable data-driven way to quantify, remediate, and report on cybersecurity risk. At present, there is no broad standard for quantifying security risk or financial impact. Nor are there consistent approaches to gather and normalize data into actionable risk scores from the medley of third-party tools like vulnerability management vendors, security risk tools, attack surface management portals, CMDB, GRC systems, along with key security controls. This amounts to uneven efforts for quantifying and mitigating cyber risk, which undermines organizational efforts to reduce risk over time.

Solution: Zscaler Risk360, powerful cyber risk quantification and mitigation

Zscaler Risk360 is a powerful risk quantification and visualization framework for remediating cybersecurity risk. It ingests real data from external sources and your Zscaler environment to generate a detailed profile of your risk posture.

The Risk360 model leverages over 100 data-driven factors across the four stages of attack.

How does Risk360 work?

Risk360 leverages more than 100 factors within customers' cybersecurity environment to help understand financial loss estimates, top cyber risk drivers, recommended investigative workflows, trend and peer comparisons, and provides actionable CISO board slides. The model spans across the four stages of attack i.e. external attack surface, compromise, lateral propagation, and data loss – and all the entities in your environment, including assets, applications, workforce, and third parties.

Risk360 key capabilities

Comprehensive, standardized risk score for overall enterprise security risk that is drawn from Zscaler controls and relevant third-party security tools.

Estimation of potential financial exposure from cyber risk including Monte Carlo outcome ranges.

Measurement of risk trends over time to measure and demonstrate how your organization is faring in addressing risk and how your cyber risk trends against industry peers.

Your risk score is broken out across four stages of an attack:

- **External attack surface:** track external attack surface exposure showing exploitable vulnerabilities, severity levels, and externally-facing servers and assets that expose the enterprise to potential attacks.
- **Risk of compromise:** understand risk of attacker compromise from malicious files, patient zero exposure, and users exhibiting signs of infection.
- **Potential lateral movement:** assess segmentation control maturity across your enterprise.
- **Data loss risk:** see risk of data exfiltration from users, devices, and applications.

Drill downs into risk visualized across contributing entities like users, third parties, applications, and assets.

Actionable recommendations with guided workflows to quickly mitigate risk of attack and compromise.

Board-ready reporting, risk mapping, and guidance with "board slides" feature that exports board-ready cyber risk reports, AI-powered cybersecurity maturity assessments, and mappings to security risk frameworks like MITRE Attack and NIST CSF and support for SEC Regulation S-K Item 106 compliance.

Key benefits

- **Powerful risk quantification** to track cyber and financial exposure that puts the business at risk.
- **Understand top drivers of cyber risk** with the ability to drill down into the contributing factors.
- **Automated cyber risk measurement** process to take the burden off of teams overseeing spreadsheets and third-party tools.
- **More effective, proactive security** posture achieved by proactively mitigating key risk issues across devices, systems, data, and users in just a few clicks.
- **More productive risk conversations** with executives due to consistent risk scoring, risk framework mappings, SEC compliance support, and streamlined board-level reporting.

Visit **our web page** to learn more about Risk360.

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