Zscaler Risk360™

A comprehensive risk quantification and visualization framework to remediate cybersecurity risk

SOLUTION BRIEF

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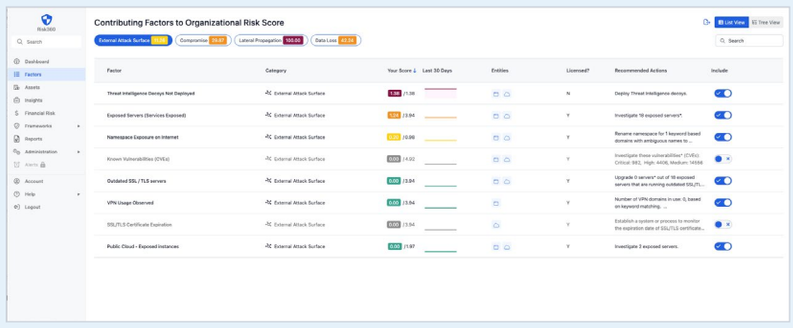
Zscaler Risk360: Risk quantification and visualization framework

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

Zscaler Risk360 leverages over 100 factors within a customers' cybersecurity environment to help understand financial loss estimates, top cyber risk drivers, recommended investigative workflows, trend and peer comparisons, and provide 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, and users.

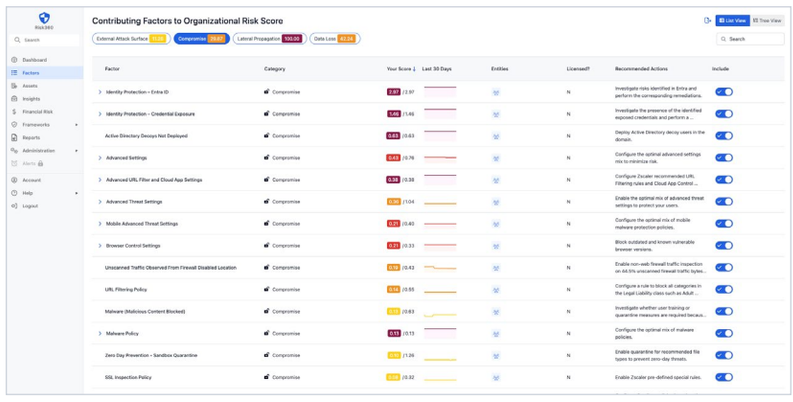
EXTERNAL ATTACK SURFACE

Zscaler Risk360 looks across a broad range of publicly discoverable variables such as exposed servers and ASNs to determine sensitive cloud assets. This report provides a holistic view of all assets open to the internet giving a complete view of the external attack surface that is potentially vulnerable and exposed.



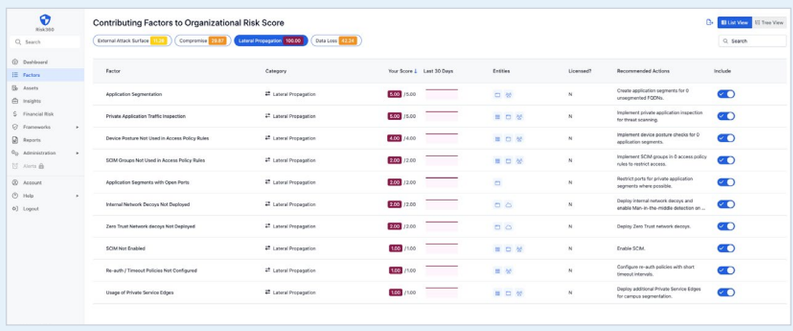
RISK OF COMPROMISE

Zscaler Risk360 analyzes a broad range of events, security configurations, and traffic flow attributes to compute the likelihood of compromise. This allows the admin to understand the risk of attack that are coming from malicious files, patient zero exposure, and user exhibiting signs of infection.



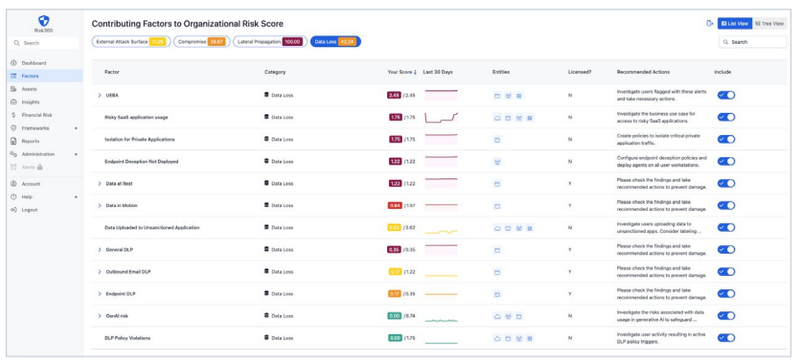
LATERAL MOVEMENT

Zscaler Risk360 takes private access configurations and metrics into consideration to compute lateral propagation risk. This view allows you to evaluate your segmentation policies to prevent cyberattackers from moving deeper into the network.



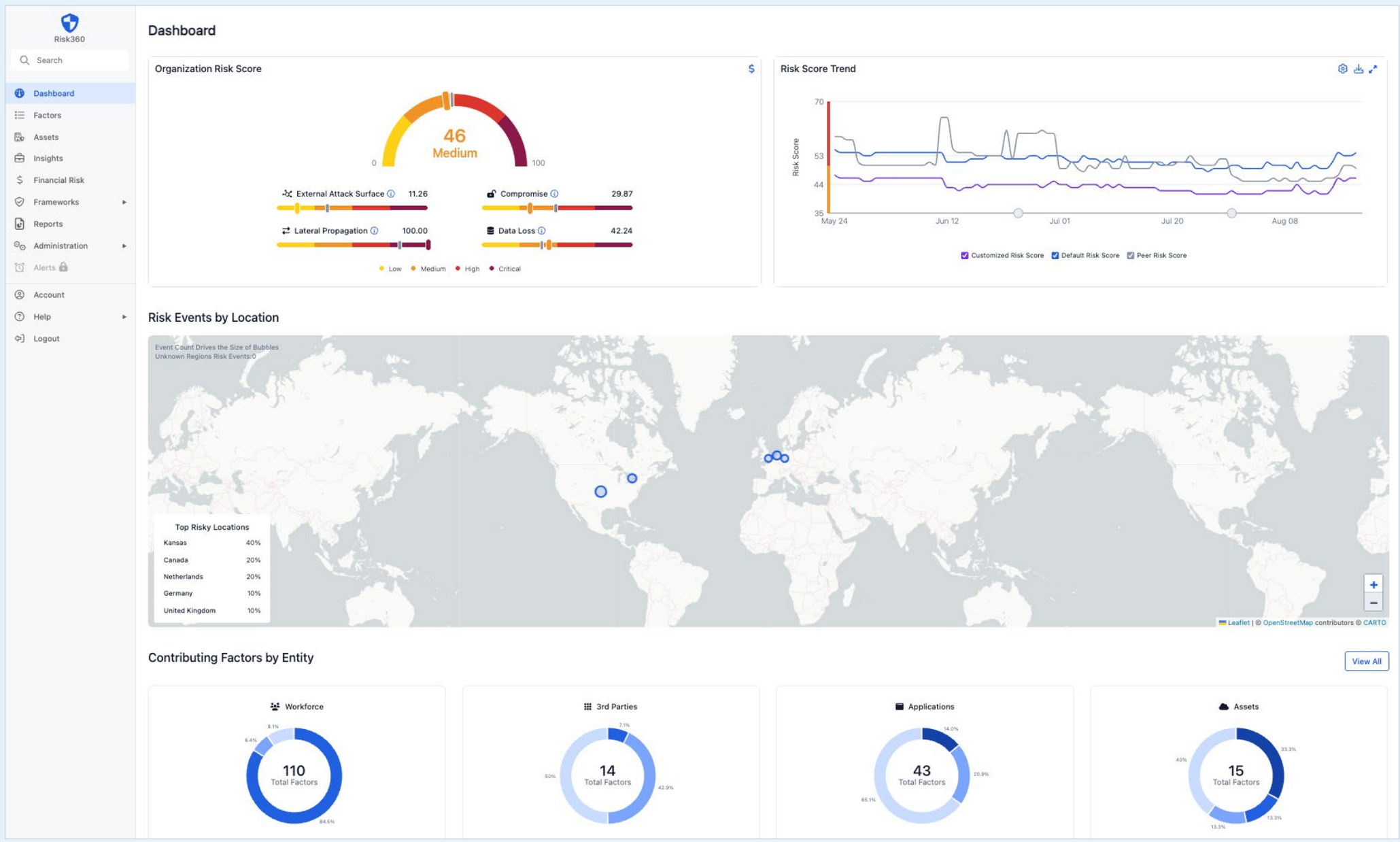
DATA LOSS

Sensitive data attributes are collected to see if data might be leaking out of a customer's environment. An understanding and full view of data loss is imperative to avoid data breach and compromise of data.



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Uncover your organization's risk profile, trends, and key contributing factors with actionable insights



How does it work?

1 ACCESS

Many Zscaler customers can leverage Zscaler Risk360 out of the box.

2 DATA INGESTION

Process data from several Zscaler sources to provide a broad data-driven overview of risk.

3 MITIGATE RISK

Filter, drill down and pinpoint risk drivers and take action to remediate the most critical issues driving cyber risk.

4 FINANCIAL ANALYSIS

Data driven and research backed financial loss estimates for your company mapped to your Zscaler score.

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The value of Zscaler Risk360

Quantification of risk

Zscaler Risk360 develops a risk score for each of the four stages of breach that is visualized for all entities of usage such as workforce, third party, applications and assets. The risk framework is backed by hundreds of signals based on several years of security research powered by Zscaler ThreatLabz experts. Since Zscaler Zero Trust Exchange sits in-line, the platform has a unique capability of identifying risk factors confidently. All this is collectively helpful for cybersecurity budget allocation, investment, and mitigation strategies. Security teams can leverage the scores from Zscaler Risk360 to make a business case for all security investment decisions.

Intuitive visualization and reporting

Zscaler Risk360 offers intuitive visualization and reporting to review high level summary for leaders. Leaders and practitioners also have the ability to filter and drill down deeper into top drivers of the organization's cybersecurity risk to further analyze and make security decisions. Zscaler Risk360 makes it very easy to export executive summary slides that can be featured in board presentations, explaining cyber risk, key risk findings and estimated financial exposure. Security teams can focus on adding impact to the business and automate the reporting process.

Actionable insights for remediation

The prioritized risk remediation framework within Zscaler Risk360 allows customers to take action on policies to update or amend them. It also includes guided investigative workflowsthat allow for deeper drill downs to investigate specific issues. For example—identifying specific users uploading sensitive data. Customers can periodically monitor the risk score to better understand their risk posture.

Benefits of Zscaler Risk360

- Gain an accurate view of risk exposure across the four stages of attack
- Consolidate risk score across multiple sources for a complete understanding of cyber risk
- Understand the top drivers of your organization's cybersecurity risk and evaluate contributing factors
- Actionable insights with guided workflows to investigate and remediate the most critical issues
- Enhance CXO and board level reporting and guidance for cyber risk management, strategy, governance and compliance, and cyber risk insurance

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Use cases

Quantification and visualization of cyber risk across the entire organization

Zscaler Risk360 leverages automated engines that ingest real data from internal (Zscaler Zero Trust Exchange) sources. The risk score of the organization is indicated on a scale from 0—100 (with 100 being critical), while also comparing to industry peers to understand benchmarks and trends over time to see improvement in security posture. With many organizations embarking on a zero trust journey, Zscaler Risk360 helps visualize their zero trust journey score as well.

Data driven exposure remediation

With the guided investigative workflows and insights for actionable recommendations, customers can take action for fast remediation after understanding the risk score. This tool helps create a prioritized list of issues that can be analyzed with the investigative workflow to drill in and investigate specific issues.

Financial impact of cyber risk exposure

Customers can estimate the financial impact of their organizations risk with financial loss quantification.

Reporting, risk mapping, and guidance

Risk360 offers detailed, out-of-the-box reports like our CISO board reports summarizing cyber risk postures for executives and our AI-powered cybersecurity maturity assessment to show a company's zero trust journey and greatest areas of risk.

Adopting Zscaler Risk360

Many Zscaler customers have quick and easy access to understanding their organization's risk score along with actionable insights and recommendations. This visualization framework allows CISOs and CIOs to evaluate cyber risk and financial exposure while also comparing the score with peers, and suggesting workflows to improve the risk score. Functions that have access to this report are able to slice and dice the data by type of risk, entity (users, applications, assets), and location. The report allows sorting the user list by risk, and showcases applications (both SaaS and private, combined) and assets with individual, discrete risk ratings.

Zscaler also offers the ability to track risk score over time to reflect action taken based on the exposures and recommendations suggested.

About Zscaler

Zscaler (NASDAQ: ZS) accelerates digital transformation so customers can be more agile, efficient, resilient, and secure. The Zscaler Zero Trust Exchange™ platform protects thousands of customers from cyberattacks and data loss by securely connecting users, devices, and applications in any location. Distributed across more than 150 data centers globally, the SSE-based Zero Trust Exchange™ is the world's largest in-line cloud security platform. Learn more at **zscaler.com** or follow us on Twitter **@zscaler**.

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