

SOLUTION BRIEF

Proofpoint Human Risk Explorer

Empower your security team with actionable human risk insights

Key benefits

- Easily identify and track human risk for users, departments, and your organization
- Review detailed insights to understand why your risk levels are changing
- Remove guesswork and enable faster human risk mitigations with integrated recommendations
- Use automation to scale mitigation efforts and ensure timely responses to risks

96%

of employees knowingly take risky actions¹

Source: Proofpoint

Security incidents are not just about external threats — they often arise from internal risks. These include how employees handle sensitive data, their level of security understanding and their engagement with security policies. According to the Proofpoint *2024 State of the Phish* report, 96% of employees who took risky actions did so knowingly. This statistic highlights that risk is not just about attackers — it's also about the decisions and actions of employees.

Traditional methods for identifying risks are siloed and require manual analysis of multiple datasets. In contrast, Proofpoint Human Risk Explorer automatically correlates multiple risk signals. This gives your team a comprehensive way to quantify, track and mitigate risks that are driven by human behavior. Your security team can understand who is at risk, what type of sensitive data might be exposed and how likely employees are to engage in risky behaviors. With deeper insights, your organization can shift from reactive security to proactive risk management.

A complete view of human risk

Human Risk Explorer is automatically included in Proofpoint solutions such as Proofpoint Prime Threat Protection, DLP Transform and DLP Transform Advanced. It's also included in Proofpoint Core Email Protection, ZenGuide and Insider Threat Management. Human Risk Explorer correlates human risk signals across Proofpoint solution areas such as email protection, insider threat management, identity threat defense, omnichannel enterprise data protection, account takeover protection and user education. This broad coverage delivers a comprehensive, intelligence-driven risk score for an organization, department or individual. You can track risk scores over time and continuously compare them to industry peers.

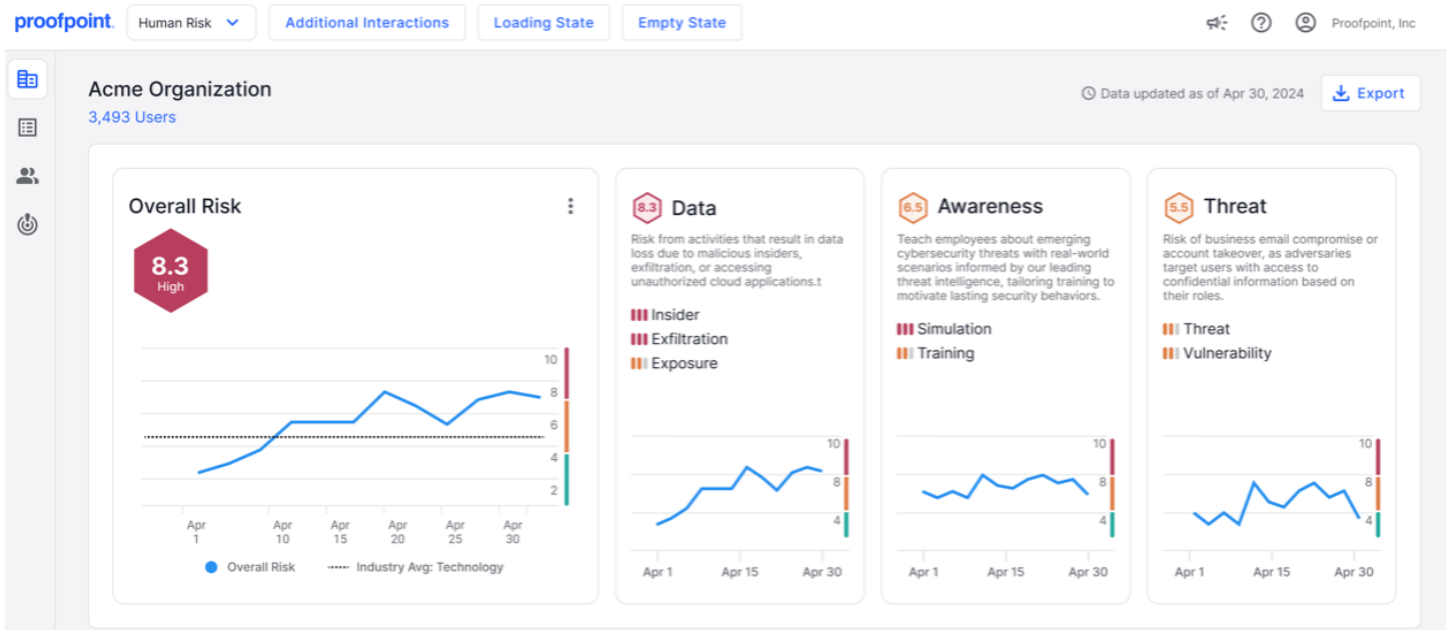


Figure 1: The Human Risk Explorer overview page provides a quick, yet comprehensive snapshot of your organization's overall risk.

Clear risk categorization

- Data
- Awareness
- Threat

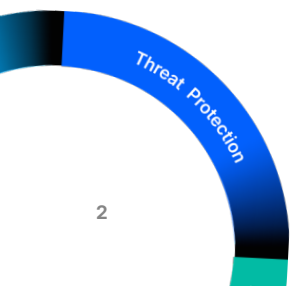
To help your security team understand where risk is concentrated and why it is changing, Human Risk Explorer categorizes risk into three main areas: data, awareness and threat. These categories show what type of sensitive data is exposed, whether employees understand the impact of their risky behaviors and who is most at risk. The risk categories are connected, are all driven by human behavior and raise your organization's potential for a breach if they are not addressed. The categories are described as follows:

Data — Security is not just about stopping attacks, it's also about protecting valuable assets. Data risk assesses how employees interact with sensitive data, including unauthorized data transfers, excessive access and policy violations. This analysis helps you mitigate risks before breaches occur.

Awareness — Many security incidents stem from human error, lack of security awareness or poor security hygiene. Awareness risk assesses training engagement, the results of phishing simulations and adherence to security best practices. It measures how likely your employees are to make security mistakes that could put your organization at risk.

Threat — This category identifies individuals, such as Very Attacked People™ (VAPs), who are frequently targeted by attackers. It assesses their likelihood of falling victim to an attack. It also evaluates how threat exposure and attempted attacks correlate with security gaps.

By combining these three dimensions, Human Risk Explorer gives you a holistic risk assessment. It helps you understand your risk exposure and take targeted, proactive steps to avoid security breaches.



Deeper understanding of your changing risk

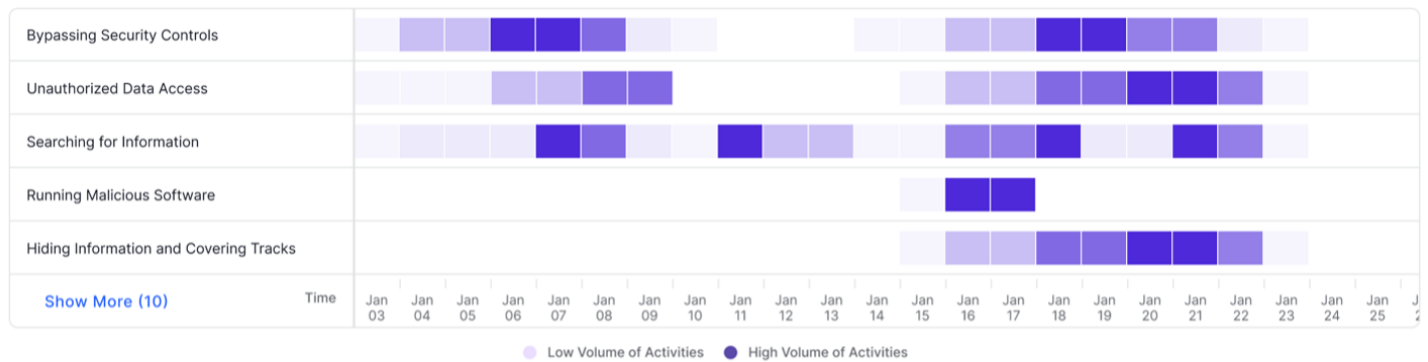
Human Risk Explorer provides detailed risk insights for both individuals and your organization as a whole. For example, a single risk event such as an employee clicking a phishing link might not have a high risk score on its own. But if the same person also has privileged access and exfiltrates high amounts of sensitive data, Human Risk Explorer identifies these

combined factors as a more serious risk that your security team should investigate. These types of insights help your team to identify patterns of risky behavior, understand how security awareness affects employee decisions and pinpoint areas where intervention is most needed. With real-time analytics, your organization can fine-tune mitigation strategies and proactively adjust security controls as human risk evolves.

Risky Behavior

Last 30 days - Explanation of the chart

User Activity Categories



System Visibility

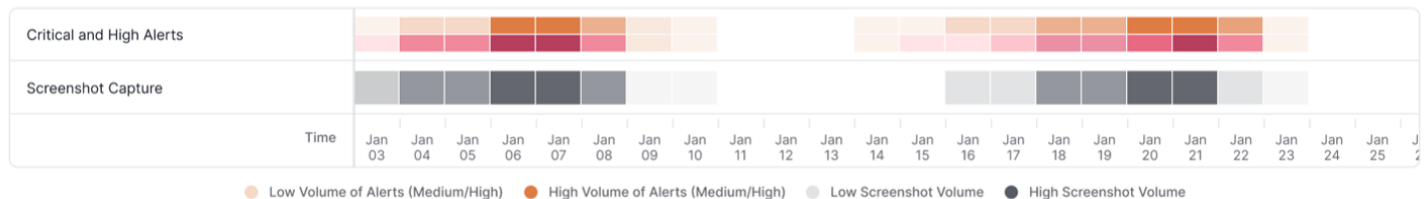
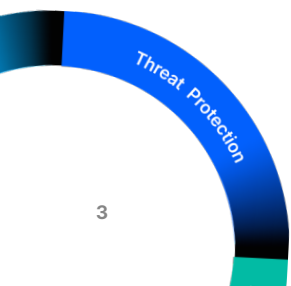


Figure 2: Human Risk Explorer helps your security team pinpoint behaviors that might put your organization at risk.



Proactive mitigation recommendations

Human Risk Explorer gives your security team automated, data-driven recommendations so that they no longer rely on manual analysis and intervention. Each recommendation describes which Proofpoint security controls your team can apply to mitigate risk. It also explains the rationale behind the suggestion and how it improves your organization's security posture. The dashboard also highlights security gaps and what additional Proofpoint products or policies you can deploy to improve risk visibility and control. By automating these recommendations, you can streamline your security workflows and reduce the burden on your security team.

visibility and recommendations — it also has the tools to act on them. By automating tasks and enforcing security policies, Proofpoint enables timely interventions that make mitigating risk both easy and effective. Key advantages include the following:

Human-risk-based controls — When the risk score of an employee reaches a critical threshold, you can automatically enforce controls. These include data loss prevention (DLP) policies, increased monitoring for insider threat or account compromise and targeted security training. These automated actions reduce the need for manual intervention from administrators.

Scalable risk management — Automation reduces the burden on your security team. This enables you to scale your risk mitigation efficiently, without extra resources.

By combining intelligence, automation and policy enforcement, Proofpoint helps you proactively manage human risk with confidence. You can act on threats before they become serious breaches.

Easy and effective risk mitigation

- Human-risk-based controls
- Scalable risk management

Seamless integration for easy and effective risk mitigation

Human Risk Explorer integrates closely with other components of the Proofpoint human-centric security platform. This means that your organization gets more than just risk

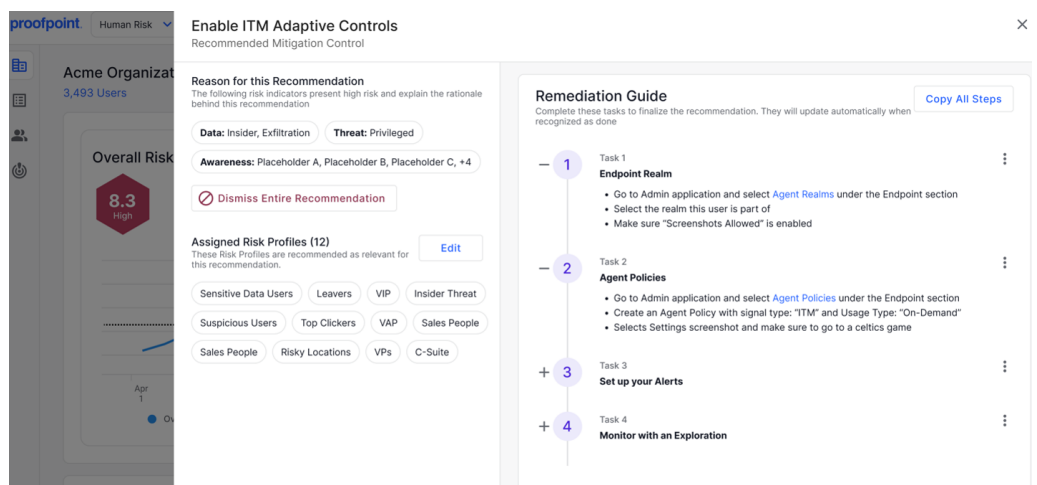
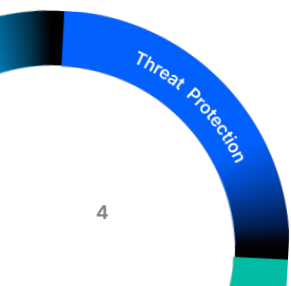


Figure 3: The Remediation Guide makes it easy to implement mitigation recommendations. It shows which Proofpoint products you can use to implement the recommendation, along with detailed instructions.



Continuous monitoring and strategic security alignment

Security threats and human behaviors evolve over time, making continuous risk assessment essential. Human Risk Explorer tracks risk trends across your whole organization. Your security team can monitor the impact of mitigation efforts and use real-time insights to refine their approach. This continuous monitoring ensures that security strategies stay aligned with your organization's business objectives. Your leaders can focus resources on the most impactful security interventions.

Discover how Proofpoint Human Risk Explorer can help your organization quantify, track and mitigate human risk. Contact us today to learn more.

For more information, visit <https://www.proofpoint.com/us/products/human-risk-explorer>.

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Proofpoint, Inc. is a leading cybersecurity and compliance company that protects organizations' greatest assets and biggest risks: their people. With an integrated suite of cloud-based solutions, Proofpoint helps companies around the world stop targeted threats, safeguard their data, and make their users more resilient against cyber attacks. Leading organizations of all sizes, including 85% of the Fortune 100, rely on Proofpoint for people-centric security and compliance solutions that mitigate their most critical risks across email, the cloud, social media, and the web. More information is available at www.proofpoint.com.

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