

How to Transform SAT into a Powerful Human Risk Management Tool

From checking a compliance box to *actually* reducing risk.

The data proves it: old-school “check a box” SAT doesn’t cut it. You need a new, more impactful strategy to reduce human risk.

The Current State

93% 
of security pros
have increased their
SAT budgets

And still...



60%

of 2024 data breaches had
a human element (2025
Verizon DBIR)



94%

of security pros say
human-related incidents
are on the rise



62%

of security pros say human
risk exposure has increased
after implementing SAT

Missed Opportunities

57%

of security admins say better awareness could have prevented most or nearly all incidents

50%

of security admins say access to training after a real-world incident would improve their organization's resilience against cyber threats

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What the Experts Say

As we see budgets for SAT increase, it’s important to take a step back and ask the question: What results are we looking to gain from expanding our investment in SAT, and how does this investment help achieve them? Investing in more of the same, when it hasn’t reduced your human risk, will only continue the same pattern at a higher cost. As security leaders spend more on security awareness, they should focus on outcomes that actually reduce human risk levels.

Dima Kumets

Huntress Principal Product Manager

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Closing the Gap: Creating Better Outcomes

Keep it Fresh



90% of surveyed employees say they encounter repetitive SAT topics that don’t offer new insights



Use a security-expert-backed training program to keep learners ahead of evolving threats

Keep it Light



Learners rank training length as the top reason they won’t engage with their current SAT



Give your people short, engaging content they’ll actually complete and remember

Keep it Consistent



Nearly one in five admins rely on annual training, despite monthly training being the best



Huntress Managed SAT provides monthly training to keep security top of mind without overloading your team

Build a Security Culture



Learners rank manager encouragement as the #1 influence on their attitude toward SAT



Encourage a culture that promotes security awareness, starting at the top. Get buy-in from managers and executives

TL;DR

- Shift from simply **training to check a box** to an approach **focused on outcomes**
- Keep learners **engaged and informed**
- Build a **strong security culture** and get **managerial support**
- Adopt a more holistic **Human Risk Management (HRM)** strategy

Transitioning to **human risk management with expert-backed solutions** will help your organization shift learner behaviors and achieve meaningful security outcomes for more resilient, savvy users.

Get your copy "[Mind the \(Security\) Gap: SAT in 2025](#)"

See how **Huntress Managed SAT** can help you manage your human risk:

huntress.com/demo >



¹ <https://www.verizon.com/business/resources/reports/dbir/?cmp=2025:05>

² <https://www.ibm.com/think/x-force/2025-cost-of-a-data-breach-navigating-ai>