

# 10 BEST PRACTICES TO TURBO BOOST CYBERSECURITY PERFORMANCE

In a world of escalating digital risks, organizations face many challenges in pursuing cybersecurity excellence. ThoughtLab's 2022 cybersecurity benchmark study, "Cybersecurity Solutions for a Riskier World," reveals how organizations can protect their infrastructure while navigating the evolving threat landscape.



## A new era at risk

Eight megatrends are driving a new era of cybersecurity risk and complexity. These trends include pandemic-driven digitalization and evolving technologies like multi-cloud, IoT, and 5G. However, many organizations aren't prepared for this new era.



Material breaches **rose by nearly 25%** in 2021.



40% of chief security officers say their organizations are **unprepared for the rapidly changing threat landscape.**

## Keys to cybersecurity success

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**Take cybersecurity maturity to the highest level**  
Organizations at the forefront of NIST implementation experience fewer material breaches than their less cyber-advanced counterparts.
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**Ensure cybersecurity budgets are adequate**  
Increased investments in cybersecurity are strongly correlated with faster threat detection and mitigation.
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**Build a rigorous risk-based approach**  
Organizations with high NIST maturity focus on risk-based management, with over 40% of risk-based leaders embracing Zero Trust principles.
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**Make cybersecurity people-centric**  
Investing in cybersecurity culture and providing advanced training are ways organizations build a human layer of security into their digital infrastructure.
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**Secure the supply chain**  
More than half of organizations with excellent times to detect have advanced supply chain security.
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**Draw on latest technology, but avoid product proliferation**  
Cybersecurity leaders favor a multi-layered, multi-vendor approach to technology investments while prioritizing infrastructure consolidation.
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**Prioritize protection of linked IT and OT assets**  
Protecting interconnected IT and OT assets helps organizations better secure their entire attack surface.
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**Harness intelligent automation**  
Automation frees staff from mundane tasks while improving cybersecurity performance.
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**Improve controls for expanded attack surfaces**  
As attack surfaces widen, improving security controls, like multifactor authentication and user behavior monitoring, is essential.
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**Do more to measure performance**  
Leaders who experience fewer cybersecurity incidents and respond to attacks faster typically monitor six or more security metrics.

Learn more about how leading organizations drive cybersecurity success by downloading ThoughtLab's 2022 benchmark study, "Cybersecurity Solutions for a Riskier World."



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