# 10 BEST PRACTICES TO

#### 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.



organizations are unprepared for the rapidly changing threat landscape.

# **Keys to** cybersecurity success



### Take cybersecurity maturity to the highest level

Organizations at the forefront of NIST implementation experience fewer material breaches than their less cyber-advanced counterparts.



#### **Ensure cybersecurity budgets are adequate**

Increased investments in cybersecurity are strongly correlated with faster threat detection and mitigation.



#### 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.



# 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.



# Secure the supply chain

More than half of organizations with excellent times to detect have advanced supply chain security.



# product proliferation

Draw on latest technology, but avoid



# infrastructure consolidation.

**Prioritize protection of linked IT and OT assets** 

Cybersecurity leaders favor a multi-layered, multi-vendor approach to technology investments while prioritizing



# better secure their entire attack surface.

Protecting interconnected IT and OT assets helps organizations



# cybersecurity performance.

Harness intelligent automation

Automation frees staff from mundane tasks while improving



# As attack surfaces widen, improving security controls, like

Improve controls for expanded attack surfaces

multifactor authentication and user behavior monitoring, is essential.



#### Leaders who experience fewer cybersecurity incidents and respond to attacks faster typically monitor six or more security

organizations drive cybersecurity

ThoughtLab's 2022 benchmark study, "Cybersecurity Solutions

success by downloading

for a Riskier World."

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