



* Average requested ransom, per 2020 study by Coveware
 ** Average cost to remediate, per 2020 Sophos report

CAI Cybersecurity Solutions

Necessity is the Mother of Prevention

Ransomware attacks are on the rise. Are you being proactive, reactive, or is it too late?

What Would Ransomware Do to Your Organization?

The impact of an attack pervades your entire business beyond the high price of getting your data back. Consider the total impact:

Impact	Ripple Effect
Financial	Legal costs for investigations and fines, rebuilding of systems, recovery costs; loss of customer revenue, customer assessments and protections
Reputation	Bad publicity resulting in brand damage and potential loss of clients and prospects; competitors may capitalize on this opportunity
Intellectual capital	Temporary or permanent loss of historic or proprietary data
Productivity	Discontinued operations; customers cannot be serviced; employees cannot work
Access	Inability to get to your own information

287 days

Average time to detect and contain a breach

\$4.62 million

Average cost of a ransomware breach

10-15 times

The cost of recovery, resulting downtime, and reputational loss compared to the actual ransom

Be Proactive and Move Toward Cyber Resilience

Understanding how and where your organization is vulnerable to a ransomware attack is a key step to reducing the potential damage. Knowing what would happen allows you to plan for a potential attack and mitigate the impact.

Sources: Ponemon Institute [Cost of a Data Breach Report 2021](#)

Gartner [How to Prepare for Ransomware Attacks](#), November 2020

CAI's Ransomware Simulation

CAI offers a quick low-cost exercise that simulates a real-life ransomware attack:



CAI's Cybersecurity Consulting Services

CAI provides a variety of IT security consulting services to assess, plan and implement a stronger cyber-posture and resilience against threats. We have the right industry credentials and experience in developing IT security solutions for your needs.

INCIDENT RESPONSE TABLETOP

An exercise that walks your stakeholders through a cyber-attack step-by-step, testing the efficacy of your current incident response (IR) plan. We can help with post-breach communication planning to your IR team, other employees, agencies, vendors, business partners, and clients. We will provide recommendations on how to be better prepared for a potential breach and how to quickly get things back on track.

SECURITY ROADMAP DEVELOPMENT

A strategy for implementing and executing security projects with the goal of reaching an ideal state of security. We will help you create a needs-based security roadmap that fits your budget, staff, and goals. The roadmap will address immediate vulnerabilities and develop a three-year strategy for cybersecurity improvement.

Learn More

To learn more, visit us at www.cai.io

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TECHNICAL SECURITY ASSESSMENTS

These assessments will help you understand the ability of your technology to withstand a cyber-attack so you can better prepare. Our assessments include: network penetration, social engineering, mobile device management, physical security, and Red Team Digital Attack Simulation.

IT SECURITY GOVERNANCE

A tailored collection of practices related to supporting, defining, and directing the security efforts of your organization. CAI will help you develop security governance principles that are aligned and intertwined with your corporate and IT governance.

About CAI

CAI is a leading business technology services firm committed to helping private and public organizations drive value, improve productivity and enhance customer experience. The firm specializes in digital transformation services, including application management, strategy and consulting, intelligent automation, contingent workforce solutions, IT service management and business analytics. Founded in 1981 and headquartered in Allentown, PA, CAI is a privately held company with offices throughout the United States, Canada, and the Asia-Pacific region. We make up a diverse and innovative global team known for providing right-sized strategy, solutions and ongoing support for our customers.