

INFORMATION SECURITY

Security in the Digital Age: Yes, Your User Data Needs Protection

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**Learn how Concord's
cybersecurity practice**



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With headlines such as these:

- **Data Breaches That Have Happened in 2024 So Far**
- **Biggest Data Breaches in US History**
- **35 Cybersecurity Statistics to Lose Sleep Over in 2024...**

it's no wonder IT professionals' sleep scores are dismal.

Between constant data breaches and increasing governmental threats of new, stiffer regulation compliance, there's a lot to keep you up at night.

In this blog, we'll dive into how Concord's cybersecurity practices can help you safeguard your assets.

Understanding Cybersecurity Practices

Cybersecurity is the practice of protecting your organization's data infrastructure (networks, computers, servers, mobile devices, and electronic systems) from malicious attacks originating from both external and internal sources. According to the **latest report** on the state of cyberattacks in 2024:

- There has been a 71% year-over-year increase in cyberattacks utilizing stolen or compromised credentials.
- Data theft and leaks constituted 32% of cyber incidents, indicating a preference among attackers for stealing and selling data rather than encrypting it for extortion
- The AI market share reaching 50% is expected to drive cybercriminals to invest in developing cost-effective tools aimed at attacking AI technologies.

Implementing Measures Against Cyber Attacks

When it comes to preventing vulnerability attacks like malware, worms, botnets, phishing, DDoS, and ransomware, proactive measures are crucial. Equally important is the ability to respond quickly to attack when



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Unfortunately, IT teams often struggle with response, not due to negligence, but because they lack the modern tools needed to address modern attacks across diverse and interconnected IT environments and systems. Existing solutions often fall short in terms of speed, leaving organizations scrambling to pick up the pieces post-attack.

To improve your response time to vulnerability attacks, consider the following:

1. Automation: Gone are the days of manually keeping track of threats on a spreadsheet. Automated vulnerability triage such as scanning, penetration testing, and real-time vulnerability notifications, help bolster your response capabilities.

2. Discovery: Reduce vulnerabilities on your critical assets' attack surface by proactively identifying and prioritizing remediation based on risk levels.

3. Real-Time Patching: Implement a robust patch management strategy to quickly address high-risk vulnerabilities on your network before your assets are compromised.

Concord's Five-Step Approach to Cybersecurity

Concord conducts Enterprise Cybersecurity Assessments that enable you to proactively detect and address threats. Our comprehensive evaluation of your systems strengthens your security posture, ensuring you stay ahead of emerging threats. Here's our five-step approach:

1. Cybersecurity Maturity Assessment (CSMA)

We conduct an independent review of your enterprise security program and current state. We perform a comprehensive assessment of your architecture, risks, and strategic roadmap – providing a detailed view of your current state cybersecurity capabilities and



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enhancement

- Align your security program with industry best practices
- Help your organization develop tactical and strategic directions to further mature and strengthen your security initiatives
- Reduce exposure risk associated with cybersecurity gaps

2. Compliance Automation and Managed Services

Managing compliance amidst evolving regulations can be challenging. Our dedicated security strategists take a holistic approach by:

- Tailoring compliance strategies and plans to your needs
- Providing guidance and support for achieving compliance with standards like SOC 2, HIPAA, HITRUST, PCI, and CMMC
- Ensuring your organization remains in adherence to regulatory requirements

3. Security Testing Services

Our AppSec/DevSecOps teams can help develop or enhance your application security program, mitigate potential vulnerabilities, and enable you to anticipate and respond to dynamic security risks within your software portfolio.

4. Threat Modeling for Secure and Compliant Application/Product Design

Our experts use advanced threat modeling techniques to identify potential security risks during application and product design phases of development. We help create robust solutions while including security and compliance from the outset

5. Cloud Risk and Compliance



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critical threats

- Developing effective remediation plans
- Implementing strategies to minimize the risk of cyberattacks

We also leverage **security-by-design principles** to enable automated security capabilities and best practices within their cloud environments.

6. Strategic Security Staffing

Expanding your security team can be time-consuming. With Concord's security staffing services, you get objective expertise and flexible professionals who seamlessly integrate with your organization, helping you scale your security program without interruptions.

Navigating a Complex Cybersecurity Landscape

The cybersecurity landscape is characterized by escalating threats, but there are proactive cybersecurity practices and robust measures to combat vulnerabilities. Concord's five-step approach to cybersecurity offers a comprehensive solution that can help your organization prevent, detect, and resolve security threats effectively. With the right approach and partnerships, you can enhance your measures against threats and ensure a more secure digital environment. **Contact Concord** if you're interested in learning more about how you can safeguard your data, allowing you to focus on what matters most—your business.





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