Cybersecurity in Healthcare:

The diagnosis and the antidote

As healthcare data breaches increase, what does it take to stay ahead of threats?

$9.23M

The average cost of a data breach in healthcare increased from $7.13 million to $9.23 million between 2020 & 2021.

2021 IBM & Ponemon Institute Report

11

Healthcare has had the highest industry cost of a breach for 11 consecutive years.

2021 IBM & Ponemon Institute Report

76%

Of Americans are concerned about their medical and personal data being targeted by hackers.

2021 IBM Protecting Patient Information in the Age of Breaches

Healthcare organizations need security solutions to stay ahead of the targeted threats.

68% increase in breach incidents reported to Health and Human Services (HHS) since March 1, 2020.

Source: US HHS OCR Breach Portal Data

Why?

$7.13M average total breach cost – healthcare has the highest with worst mean time to identify (MTTI) at 236 days.

Source: 2020 Ponemon Institute’s Cost of Data Breach Study

These 4 key steps can help your healthcare organization reduce cyber risk with a more business-driven approach:

1. Effective vulnerability management
2. Timely detection to help minimize data breaches
3. Take a risk-based approach to security
4. A well-formed incident response plan to help withstand a data breach
Secure patient data and improve patient care.

- Phishing
- Device hack
- Social engineering
- Denial-of-Service attack

Current healthcare challenges | AT&T security solutions
--- | ---
Adoption of healthcare industry-specific standard of HITRUST Common Security Framework (CSF) | · HITRUST CSF readiness and validation/certification assessment
Security awareness training | · Security awareness training
· Social engineering
Proactive incident response reporting processes | · Incident response tabletop exercise
· Incident response retainer
· Managed Vulnerability Program and penetration testing
Achieve and sustain compliance with HIPAA/HITECH regulations | · HIPAA/HITECH compliance assessment
· Healthcare risk and compliance assessments
Manage patient data in a highly secure manner | · Secure Remote Access
· Secure Web Gateway
· SASE solutions
Optimize security efforts for third-party vendors | · Third-party risk management
Protect healthcare operations | · Security Operations Center Consulting and Threat Manager
· IoT cybersecurity consulting
· DDoS defense
Emerging technology and innovation | · Cloud security assessments
· Security strategy for technology investments

Safeguard your organization with a multi-layer approach powered by Threat Intellect®, advanced data analytics, to help protect against security breaches.

To learn more about AT&T Cybersecurity Consulting, visit [www.att.com/security-consulting](http://www.att.com/security-consulting).