## 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.**

UIC: 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

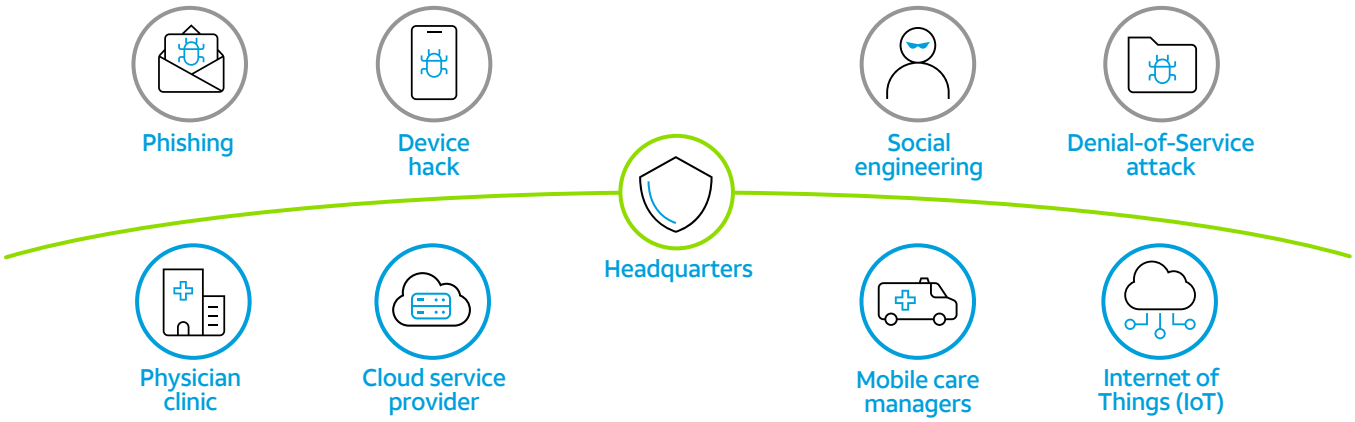
**Why?** **$7.13M average total breach cost** – healthcare has the highest with worst mean time to identify (MTTI) at 236 days.

**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.




| 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<br>• Social engineering |
| Proactive incident response reporting processes | • Incident response tabletop exercise<br>• Incident response retainer<br>• Managed Vulnerability Program and penetration testing |
| Achieve and sustain compliance with HIPAA/HITECH regulations | • HIPAA/HITECH compliance assessment<br>• Healthcare risk and compliance assessments |
| Manage patient data in a highly secure manner | • Secure Remote Access<br>• Secure Web Gateway<br>• SASE solutions |
| Optimize security efforts for third-party vendors | • Third-party risk management |
| Protect healthcare operations | • Security Operations Center Consulting and Threat Manager<br>• IoT cybersecurity consulting<br>• DDoS defense |
| Emerging technology and innovation | • Cloud security assessments<br>• 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.**

© 2021 AT&T Intellectual Property. All rights reserved. AT&T, AT&T logo and all other AT&T marks contained herein are trademarks of AT&T Intellectual Property and/or AT&T affiliated companies. All other trademarks are the property of their owners. Actual results and your experience may vary from those described in this case study. Information and offers subject to change. Please contact your sales representative for additional information. | 356803-101821