

Cybersecurity in Healthcare:

The Diagnosis & The Antidote

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

1

\$380 

Average Healthcare Data Breach costs per record, **more than 2.5 times** the global average across all industries.

[2017 Ponemon Cost of Data Breach Study](#)

2

71% 

71% of attacks in healthcare industries come **from the inside**

[IBM Threat Intelligence Index 2017](#)

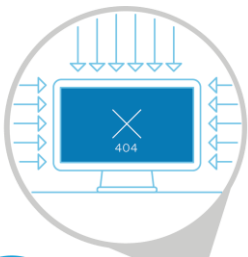
3

40% 

Over 40% of consumers would abandon or hesitate to use a healthcare organization if **they had been hacked**.

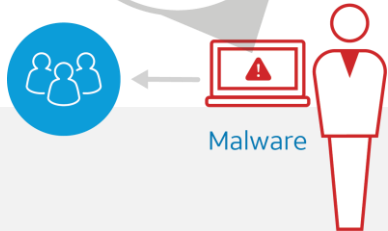
[2018 Fortified Health Security](#)

Healthcare Organizations need security solutions to stay ahead of the targeted threats



68% Of external network penetration tests result in **breaching** the perimeter and gaining **full access** to the internal network

[2018 Horizon report Fortified Health Security](#)



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

WHY? The value of medical records on the black market is at least **10X higher** than credit card data

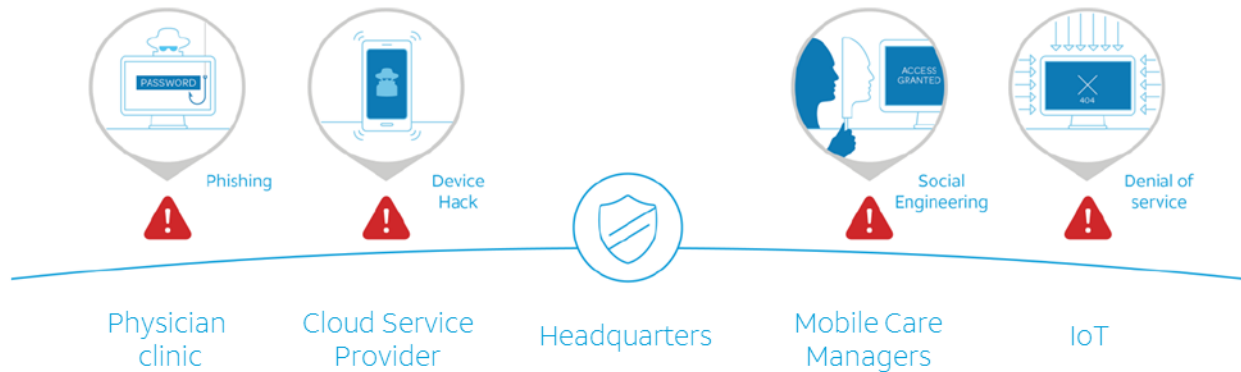
PHI contains more personal data points and cannot just be reissued in the event of a problem

[2017 How Healthcare is a Major Target for Cybercriminals](#)

- 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-specific industry standard HITRUST – Common Security Framework	<ul style="list-style-type: none"> HITRUST Common Security Framework (CSF) Readiness & Validation / Certification Assessment
Security Awareness Training	<ul style="list-style-type: none"> Security Awareness Training Social Engineering
Proactive Incident Response reporting processes	<ul style="list-style-type: none"> Incident Response Table Top Exercises Incident Response Retainer Vulnerability Assessment & Penetration Testing
Achieve & sustain compliance with HIPAA/HITECH regulations	<ul style="list-style-type: none"> HIPAA/HITECH Compliance Assessment Healthcare Risk and Compliance Assessments
Manage patient data in a highly secure manner	<ul style="list-style-type: none"> Secure Email Gateway (SEG) Cloud Web Security Service (CWSS) Firewalls
Optimize security efforts for Third Party Vendors	<ul style="list-style-type: none"> Third party Vendor Risk Management
Protect Healthcare Operations	<ul style="list-style-type: none"> SOC Consulting and Threat Manager IoT Cybersecurity Consulting DDoS Defense
Emerging Technology and Innovation	<ul style="list-style-type: none"> 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.