

# 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](#)

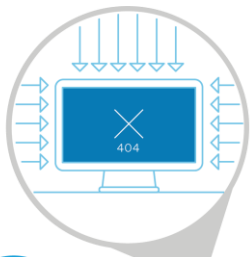
3

40% 

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

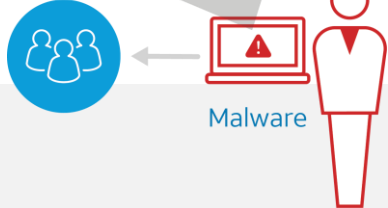
[2018 Fortified Health Security](#)

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

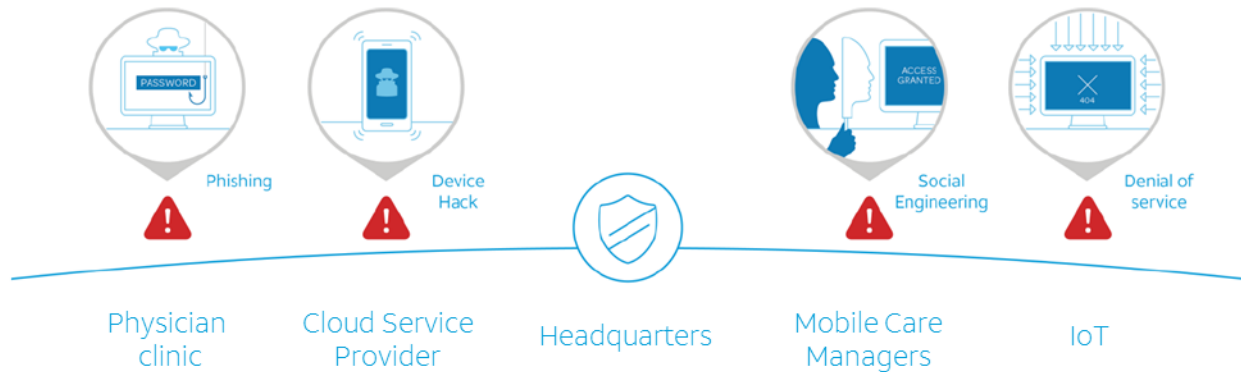
PHI contains more personal data points and cannot just be reissued in the event of a problem

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

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, contact your AT&T Solution Provider.

