

DID YOU KNOW CYBER SAFETY IS PATIENT SAFETY?



Cybersecurity is proactive not reactive and for the HPH Sector that means we are protecting patients before they become victims.

There has never been a more critical time for our sector to discuss the importance of cybersecurity because an increase in cyber-attacks have crippled hospitals, doctor’s offices, and other care facilities. When delivery of care is interrupted, the number one person affected is the patient, which is why **Cyber Safety is Patient Safety**.

Healthcare is targeted more than any other industry

Source: Cylance Threat Report (2018)

~50%

of all ransomware attacks in the last year targeted North America

McAfee Labs Threats Report (2019)

1 in 4 healthcare organizations are successfully attacked by ransomware

Kaspersky Cyber Pulse: The State of Cybersecurity in Healthcare (2018)

88% of all ransomware attacks target the **HEALTHCARE INDUSTRY**

Solutionary Security Engineering Research Team (Q2, 2016)

Ransomware attacks **TRIPLED** in 2017

Source: Cylance Threat Report (2018)

70%

of malware attacks in 2019 were in the HPH Sector

58%

of malware attacks victims are small businesses

Verizon Data Breach Investigations Report (2019)

In 2019, the healthcare industry has incurred an average cost of

\$6.35 million

per breach



Verizon Data Breach Investigations Report (2019)

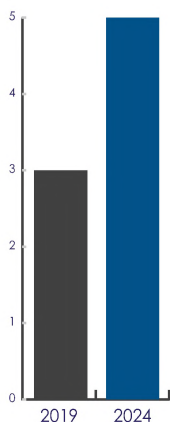
It is estimated that the cost of data breaches will rise from

\$3 trillion

each year to over

\$5 trillion

by 2024



Verizon Data Breach Investigations Report (2019)

Healthcare avg. cost per record is

\$429

Avg. number of records per breach in U.S. is

32,434

Ponemon Institute(2019)

Keep your patients safe by practicing cyber safety at all levels of your organization. The Health Industry Cybersecurity Practices: Managing Threats and Protecting Patients Publication outlines the top five cybersecurity threats facing the Healthcare and Public Health Sector and outlines the top ten practices used to mitigate them. Check out the publication at www.phe.gov/405d and see what practices you can put in place to immediately protect yourself and your patients from cyber-attacks.



HHS 405(d)
Aligning Health Care
Industry Security Approaches

To learn more about cybersecurity best practices and the 405(d) Program check out our website at www.phe.gov/405d or email us at cisa405d@hhs.gov