

Is Your Healthcare Network Security on Life Support?

With the growth of the Internet of Things (IoT), connected biomedical technology has provided a rich opportunity for healthcare to improve lives and patient outcomes. However, it has also increased fears among IT leaders in hospitals and healthcare facilities that with the proliferation of these IoT medical devices comes some very real threats to not only PHI (patient health information), but financial risks, as well as patient safety.

Cyber criminals are targeting healthcare organizations

Patient health records sell for up to 50 times that of credit card or social security numbers, making the industry one of the most targeted.

200%

more likely to encounter data theft¹

340%

more security incidents and attacks than other industries¹

63%

year over year growth in cyber-attacks on healthcare in 2016²

\$364

The average cost in healthcare per stolen record –highest of any industry³

Most likely types of cyberattack events targeting healthcare

Cyberattacks come in a variety of shapes and sizes so it is important to hone in on protecting yourself from the ones that target your industry most often.



Denial of Service (DoS) attack



Access/theft of PHI



Ransomware – Lock down of equipment or prevention of access to patient records and/or business data



Spear Phishing & SQL injection

Healthcare IT is focusing security efforts on IoT to mitigate threats

As more medical devices become connected, it is a matter of when, not if your systems will be compromised.



of IT leaders say security incidents affecting healthcare providers are now the norm⁴.



of IT leaders place highest priority on IoT security among security initiatives in 2017⁵.



of U.S. Healthcare organizations have increased security spending in 2017⁶.

Major Risks to healthcare IT

Increasing cyberattacks are more than a nuisance and can lead to major compliance and financial issues.

- Data loss/theft of confidential PHI
- Fines from regulatory agencies for losing confidential patient data
- Patient safety from medical devices, which are altered or locked down
- Increasing implementation of mobile devices

Get Control of your IoT network

With a keen eye on trends in the Healthcare IT industry, Comport understands what's happening now and what solutions will be trending soon. Since 1982, Comport has partnered with healthcare organizations to manage and secure their critical infrastructure and ensure patient satisfaction.

- Experts in Healthcare, working with over 50 regional healthcare organizations to help refine IT strategy.
- Understand the fine line of providing optimal patient care and securing patient records.
- Award-winning Hewlett Packard Enterprise Platinum Business Partner and preferred Healthcare Provider in the East.
- Recently named by CRN to the prestigious annual 2017 Tech Elite 250 list.



Gain control over your IoT network. Contact Comport today.

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¹ Report – Websense Security Labs, "2015 Healthcare Drill-Down Report", September 2015

² Article - Gartner, "Healthcare Provider CIOs Need to Address IoT's Security Risks Now," January 2017

³ Beckers Health IT & CIO Review, "50 things to know about healthcare data security & privacy," June 2015

⁴ HIMSS, "2016 HIMSS Cybersecurity Survey," May 2016

⁵ Healthcare IT News, "Survey Results: A Look Ahead for Healthcare IT in 2017," January 2017

⁶ Web Article - <http://www.hipaajournal.com/81-of-u-s-healthcare-organizations-have-increased-security-spending-in-2017-8707/>



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