TOP 5 SECURITY THREATS IN HEALTHCARE

HOLLYWOOD PRESBYTERIAN MEDICAL CENTER PAID HACKERS **$17,000** IN A DATA BREACH IN 2016

fortune.com

15% OF DATA BREACHES IN 2016 INVOLVED HEALTHCARE ORGANIZATIONS

2017 Verizon Data Breach Analysis

72% OF ALL HEALTHCARE MALWARE ATTACKS IN 2016 WERE RANSOMWARE

2017 Verizon Data Breach Analysis

DATA BREACHES COST HEALTHCARE FIRMS **$402** PER-LEAKED RECORD

Bitglass

THE 5 SECURITY THREATS IN HEALTHCARE

#1 RANSOMWARE

A malicious program that locks an infected computer or encrypts data stored in it, and then demands a ransom to unlock the system or decrypt the data.

93% of phishing emails contain ransomware.

> Unplanned downtime caused by ransomware at healthcare organizations may cost an average of $7,900 a minute, per incident.
>
> The Ponemon Institute

#2 INSIDERS

An insider threat could be a current or a former employee who is responsible for a security breach in an organization. While most of these threats are malicious, some of them are unintentional.

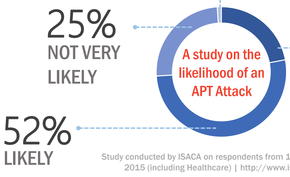
> Insider threats are responsible for 90% of security incidents.
>
> Health Information Trust Alliance

67% MALICIOUS
- Co-workers
- Disgruntled employees
- Unauthorized access

33% UNINTENTIONAL
- Lost/stolen device
- Bad security hygiene
- Misuse of systems

#3 ADVANCED PERSISTENT THREATS (APT)

A malicious campaign where the attacker breaches a network, stays there, and keeps gathering intelligence about the target. Such campaigns sometimes can go undetected for months or years.



Study conducted by ISACA on respondents from 17 industries in 2015 (including Healthcare) | http://www.isaca.org

> Health information is worth 10 times as much as credit cards, on the online black market.
>
> Federal Bureau of Investigation

#4 MOBILE DEVICES

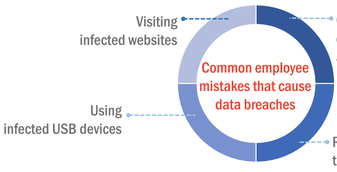
Healthcare providers are increasingly using mobile devices for services such as submitting patient data, submitting bills, scheduling appointments, exchanging diagnosis details, etc. This means tons of patient data get accessed every day.

> Lost/stolen mobile devices are one of the leading causes of healthcare data breach.
>
> Office for Civil Rights (OCR)

68% of healthcare security breaches were due to lost/stolen mobile devices.

#5 EMPLOYEE NEGLIGENCE

While cyberattacks are the leading cause of data breaches in healthcare, negligent employees have a major role to play in several security incidents that occur.



> 91% of data breaches start with a phishing attack.
>
> TCS Healthcare Technologies

Seqrite Security Solutions help businesses avoid all such risks and other cyberthreats with its range of DYNAMIC, SCALABLE, and FUTURE READY SOLUTIONS.

Go to **www.seqrite.com** to learn more

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Sources: PhishMe | The Ponemon Institute | Verizon Data Breach Investigations Report Federal Bureau of Investigation | Bitglass | TCS Healthcare Technologies