1

hfma
arkansas chapter

Fall 2021 Conference

The Unique Challenges of Cybersecurity in Healthcare

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2

… Of the healthcare organizations across the USA

560

experienced a cyberattack in 2020

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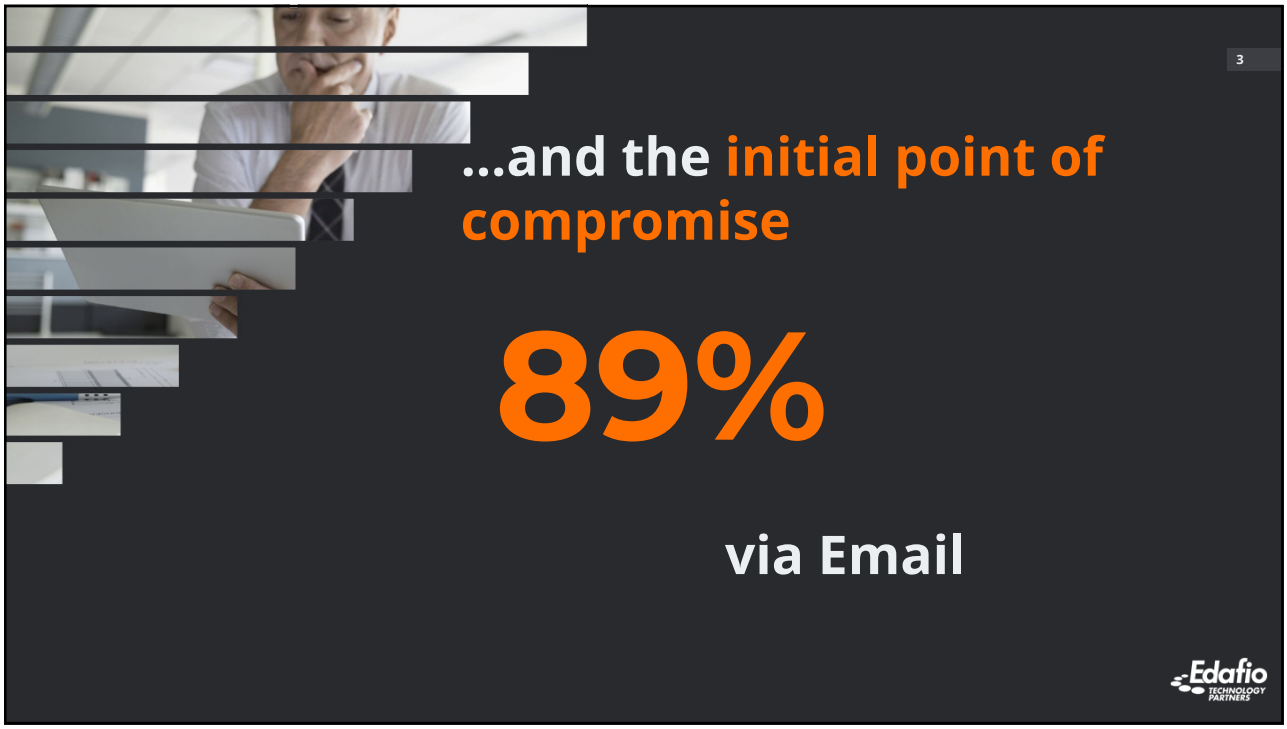
3
...and the initial point of compromise
89%
via Email
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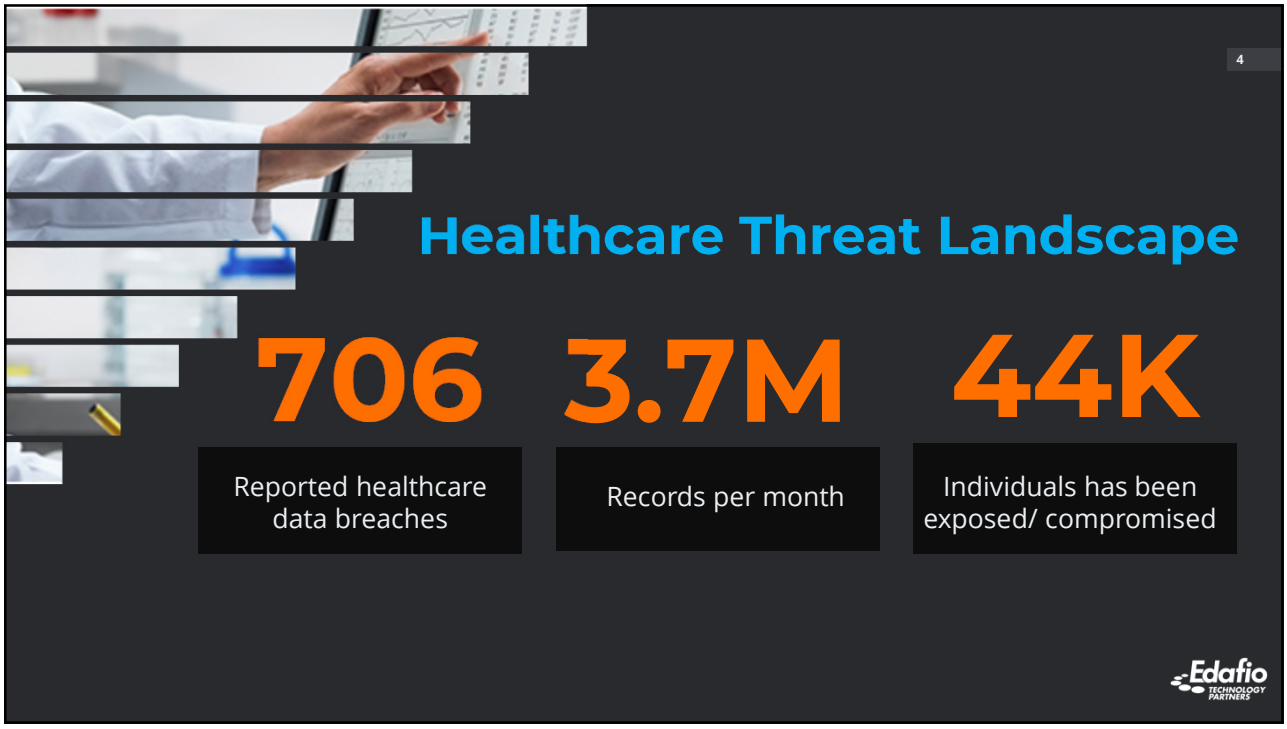
4
Healthcare Threat Landscape
706
Reported healthcare data breaches
3.7M
Records per month
44K
Individuals has been exposed/ compromised
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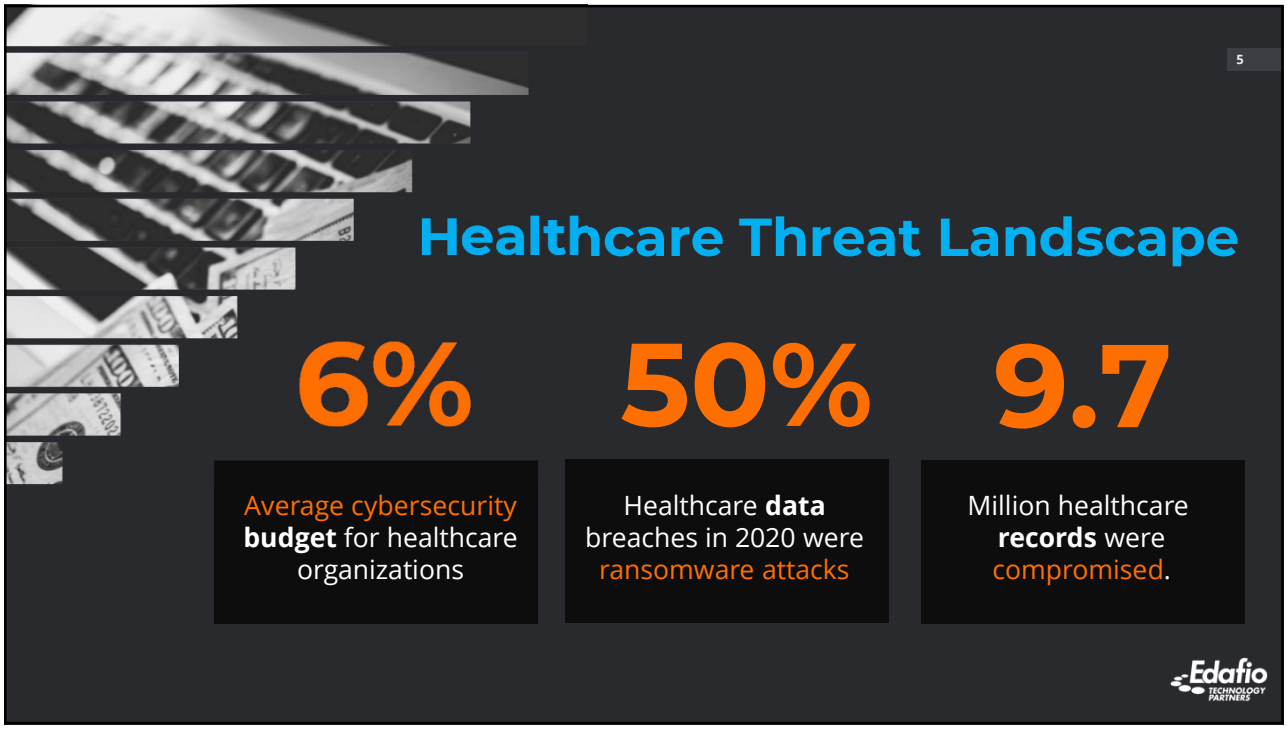
5
Healthcare Threat Landscape
6%
Average cybersecurity **budget** for healthcare organizations
50%
Healthcare **data** breaches in 2020 were ransomware attacks
9.7
Million healthcare **records** were compromised.
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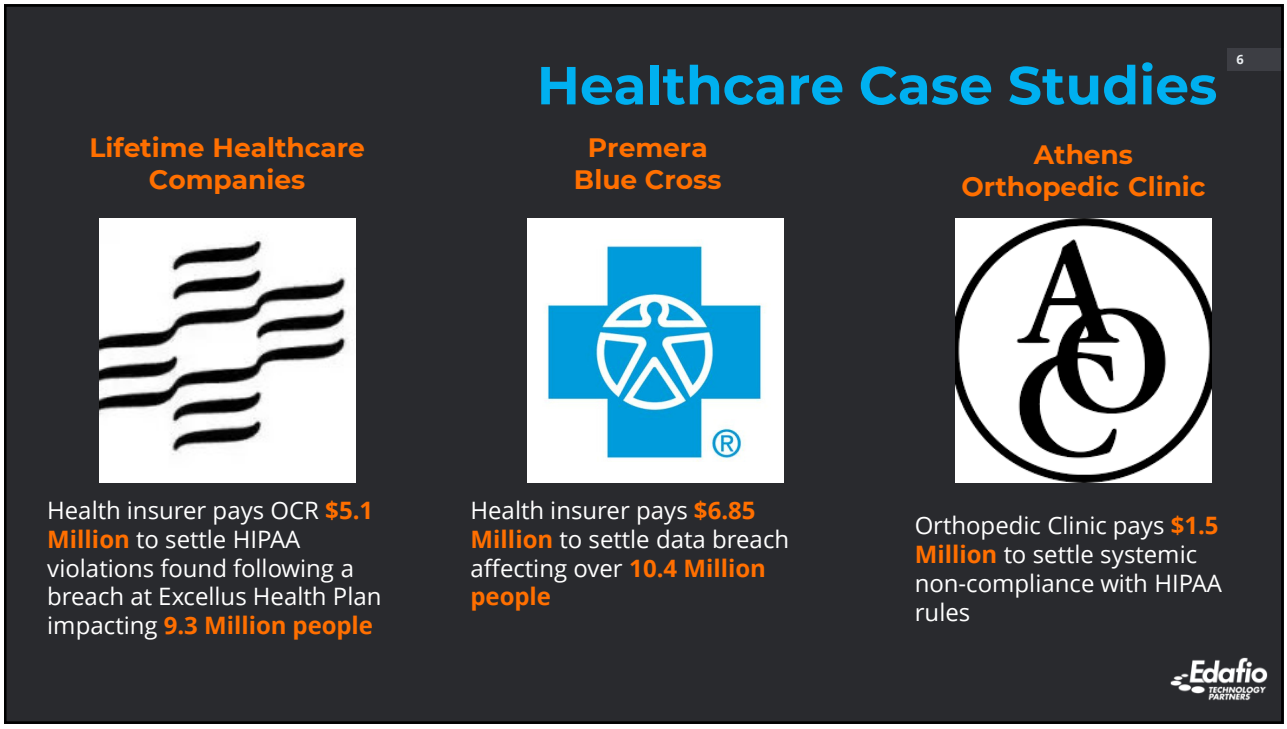
6
Healthcare Case Studies
Lifetime Healthcare Companies
Health insurer pays OCR $5.1 Million to settle HIPAA violations found following a breach at Excellus Health Plan impacting 9.3 Million people
Premera Blue Cross
Health insurer pays $6.85 Million to settle data breach affecting over 10.4 Million people
Athens Orthopedic Clinic
Orthopedic Clinic pays $1.5 Million to settle systemic non-compliance with HIPAA rules
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Modern Threat Landscape

39
SECONDS
the average **time** a cyber attack takes place

3.86
MILLION
the average **cost** of a data breach, as of 2020

228
DAYS
average **number of days** to identify a breach in 2020

8

Phishing: Risk #1

85%
Percent of breaches involving a human element

30K
Phishing and social engineering attacks per **day** have skyrocketed since the pandemic

667
Percent of phishing attempts in March 2020

9

Ransomware: Risk #2

11
SECONDS

Prediction that a business will fall victim to ransomware in 2021

$4.24
MILLION

Average cost to fix the data encryption damage

800
PERCENT

Ransomware increased in 2020
As of Sept, 1 in 4 remediated cyberattacks were **linked** to ransomware

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Sources

- https://www.hipaajournal.com/category/healthcare
- https://www.hipaajournal.com/september-2020-healthcare-data-breach-report-9-7-million-records-compromised/
- https://www.fiercehealthcare.com/tech/could-patients-be-at-risk-during-a-hospital-cyber-attack-it-depends-how-far-hackers-are
- cybersecurity/#:~:text=2020%20was%20a%20particularly%20bad,cost%20the%20healthcare%20industry%20dearly
- https://www.varonis.com/blog/data-breach-statistics/
- https://www.ibm.com/security/data-breach
- https://www.forbes.com/sites/theyec/2021/08/06/guarding-against-the-human-element-how-insider-threat-trends-should-guide-cybersecurity-policy/?sh=5d3b93424ce3
- https://www.prnewswire.com/news-releases/top-cyber-security-experts-report-4-000-cyber-attacks-a-day-since-covid-19-pandemic-301110157.html
- https://www.securitymagazine.com/articles/92157-coronavirus-related-spear-phishing-attacks-see-667-increase-in-march-2020
- https://www.natlawreview.com/article/ransomware-attacks-predicted-to-occur-every-11-seconds-2021-cost-20-billion

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Meet the Team

Moderator	Edafio Technology Partners Panelists		
Kenny Kinley, President & CEO	**Valerie Moring,** BSRT (CV), CPHIMS, Cybersecurity & Healthcare Team Lead.	**Kinsey Tickell,** CPCO, CPHIMS Senior Healthcare & Cybersecurity Consultant	**Jeremy Ausburn,** Senior Architect & Chief Information Security Officer (CISO)

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Questions?

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Thank you!

Get in Touch

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