

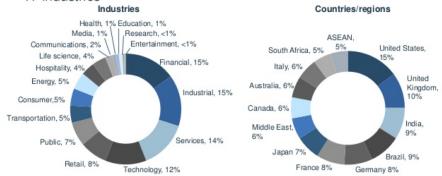
Securing Florida's Cybersecurity Future

Eman El-Sheikh, Ph.D.

Director, Center for Cybersecurity
University of West Florida

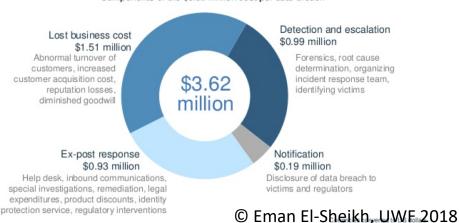
Why Cybersecurity is Important for Every Business

The 2017 Ponemon Cost of Data Breach Study covered 1,900 individuals across 419 companies in 13 countries or regions and 17 industries



The largest component of the total cost of a data breach is lost business

Components of the \$3.62 million cost per data breach



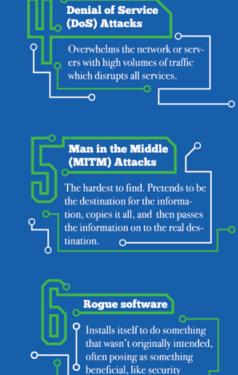
6 Cyber Attacks Business Networks will Face in 2018



Uses social engineering to learn a user's password or personal data. Equifax was a victim of this during a massive data breach in early 2017.

Phishing





software or a movie player.



Enhancing Cybersecurity Resiliency

- Establish, execute, <u>test</u>
 and <u>update</u> cybersecurity
 practices and policies
- Stay up-to-date on evolving cyber risks and defense strategies
- Require ongoing cybersecurity training for all personnel



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Enhancing Cybersecurity Resiliency

2018 Cybersecurity Trends















A survey of over 100 CISOs found that employee training should be the top priority to improve security for business.

MOST CRITICAL DEFENSE

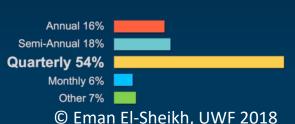


MOST CISOs TO CIOs

Organizational structure doesn't impact frequency of reporting to board of directors.



REPORTING FREQUENCY





Keeping top leadership abreast of security strengths and vulnerabilities is a priority.

RECOMMENDATIONS

Since employees serve as the first line of defense, FS-ISAC recommends training employees should be prioritized for all CISOs, regardless of reporting structure.

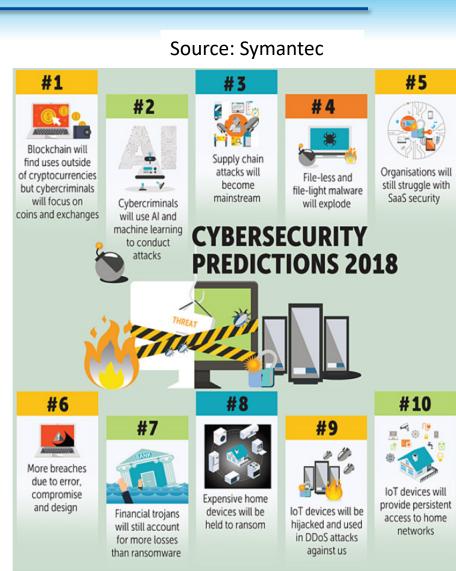
CISO (Chief Information Security Officer), CIO (Chief Information Officer) CEO (Chief Executive Officer), CRO (Chief Risk Officer), COO (Chief Operating Officer)

Over 100 CISOs were surveyed in Q4 2017.

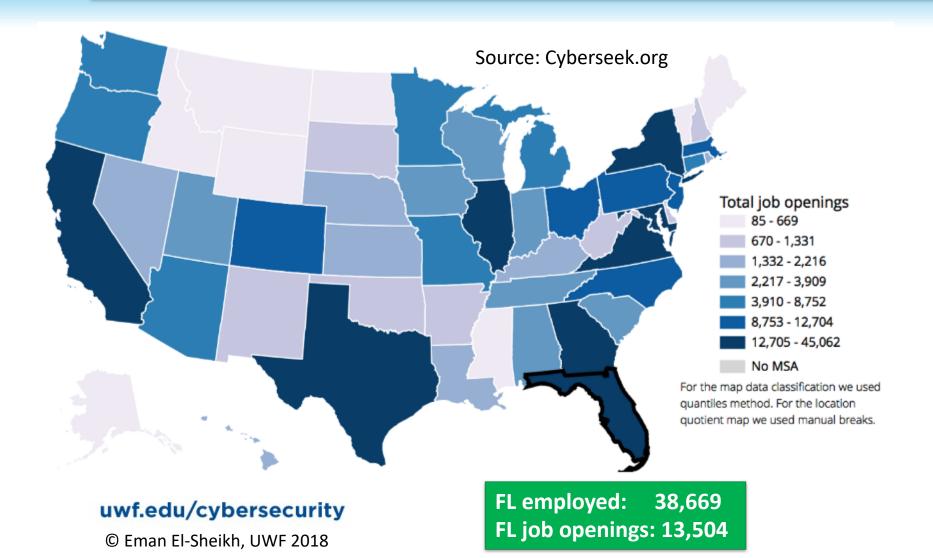
The Future of Cybersecurity

- Advanced technologies will impact both cyber defense and offense
- Develop innovative models of education, training and workforce development
- Make cybersecurity everyone's business
- Advance Florida as a leader in cybersecurity resiliency
 - 2019 NSA/DHS Cybersecurity Executive Leadership Forum uwf.edu/elf
 - April 24-25, 2019, Pensacola Beach, FL

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Securing Florida's Future through Cybersecurity



Source: Cybersecurity Ventures

CYBERCRIME COSTS



Cybercrime damages will cost the world **\$6 trillion annually by 2021**, up from \$3 trillion in 2015. Costs include destruction of data, stolen money, and other.

SECURITY SPENDING



The world will spend \$1 trillion cumulatively from 2017-2021 on cybersecurity products and services - to combat cybercrime.

CYBERSECURITY JOBS



There are 1 million cybersecurity job openings in 2016, with a projected shortfall of 1.5 million by 2019. Unemployment stays at 0%.

Additional Information

Center for Cybersecurity at the University of West Florida uwf.edu/cybersecurity cybersecurity@uwf.edu

Dr. Eman El-Sheikh Director, UWF Center for Cybersecurity <u>eelsheikh@uwf.edu</u>

O: 850.474.3074

