Our webinar will begin in a few minutes.

Please note our presenters' contact information below should you have any questions following the presentation.

Moderator

Larisa Rapoport
Partner, Audit Services
lrapoport@squarmilner.com

Speakers

Alex Rayter
Founding Principal, Phoenix 2.0
alex@p20inc.com

Michael Hamilton, CISSP
CISO and Founder, CI Security
Michael.Hamilton@ci.security

The slides and the recording of the presentation will be sent to you within 24 hours of the webinar. Thank you!

Cyber Security in the Age of COVID-19

Tuesday, July 14, 2020

Moderator
Larisa Rapoport, Squar Milner

Speakers
Alex Rayter, Phoenix 2.0
Michael Hamilton, CI Security

squarmilner

Presenters

Moderator

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Larisa Rapoport
Partner, Audit Services
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Speakers

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Alex Rayter
Founding Principal, Phoenix 2.0
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Michael Hamilton, CISSP
CISO and Founder, CI Security
Michael.Hamilton@ci.security

Alex Rayter

Founding Principal, Phoenix 2.0

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IT WITHOUT THE DRAMA

Alex Rayter is a founding Principal of Phoenix 2.0, a full-service IT Consulting and Management firm, specializing in Managed IT and CyberSecurity, Technology Staffing and Strategic Projects, the firm's motto is "IT without the drama". In his spare time Alex serves on a number of non-profit boards and is passionate about how technology can level the playing field and help transform societal issues.

Michael Hamilton, CISSP

CISO and Founder, CI Security

CI Security®

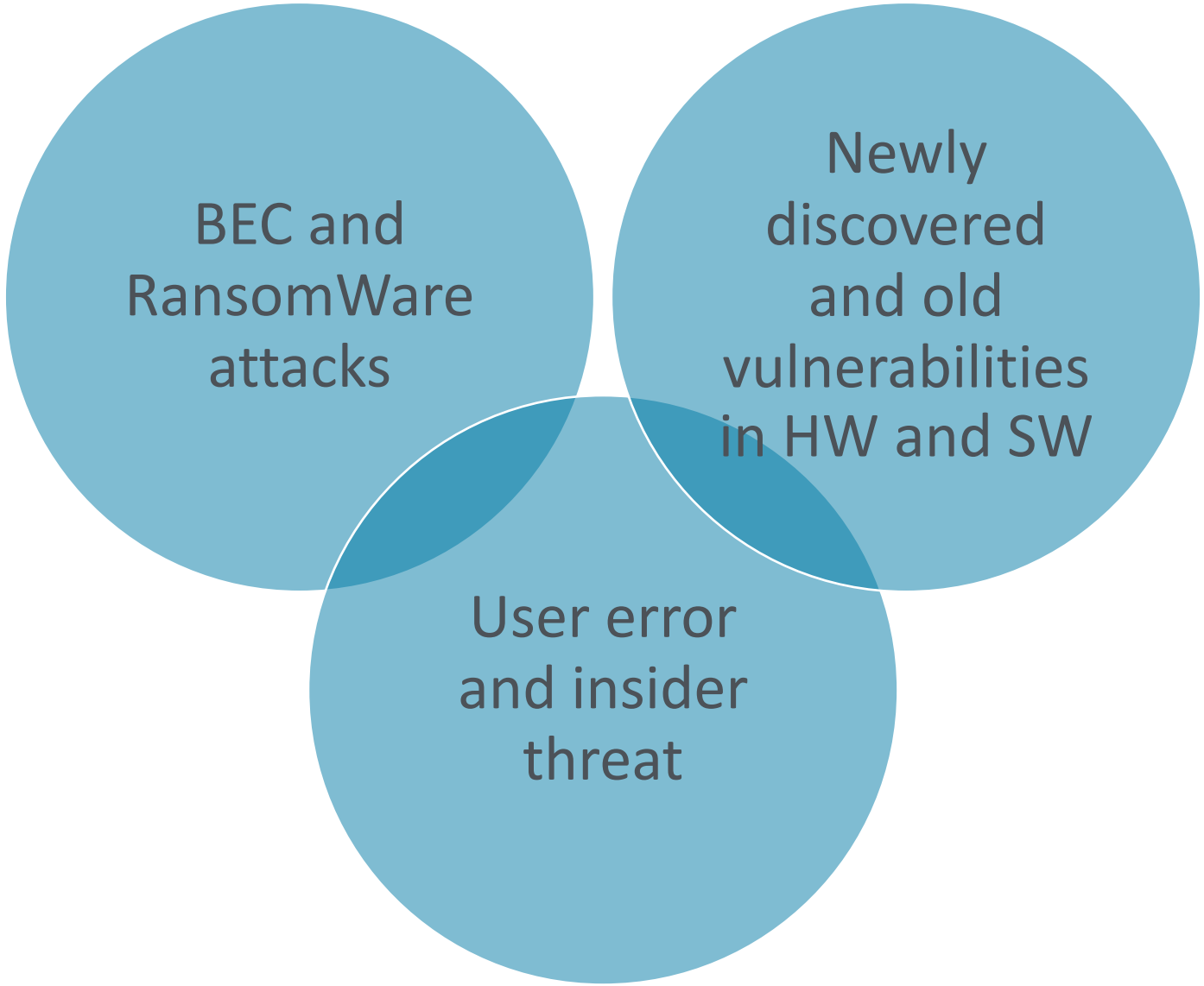
Over 30 years in information security

- Chief Information Security Officer for the City of Seattle
- InfraGard Sector Chief advising the Washington State emergency management division and the Governor on communication availability during the COVID-19 incident response
- Managing Consultant for VeriSign Global Security Consulting
- Vice-Chair of the Homeland Security State, Local, Tribal, and Territorial Government Coordinating Council
- Policy Advisor, Washington State Office of the CIO

What's New

- Increased attacked surface
- Increased frequency
- More fodder for clickbait

Types of Attacks



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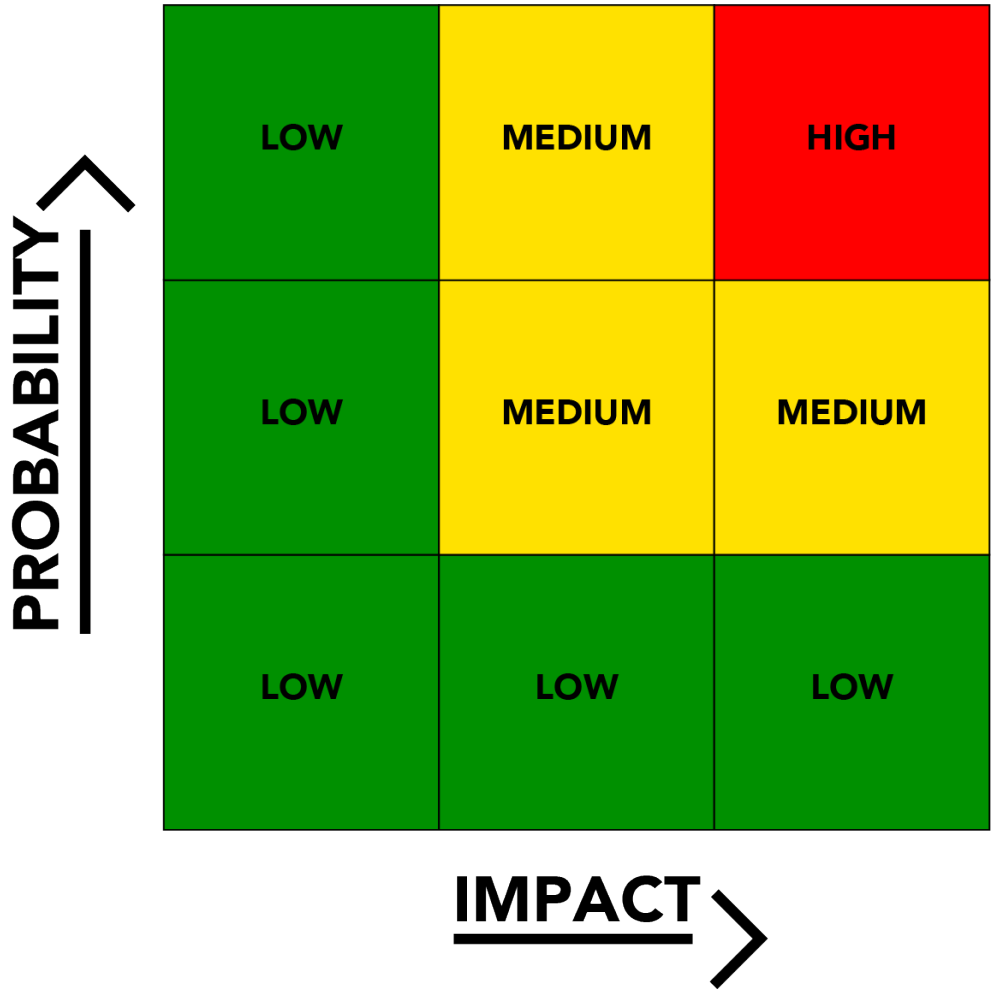
Risk Analysis



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A programmatic approach

Identify – Cyber Risk Assessment, Simulated Phishing Campaign, *Penetration & Vulnerability testing

Protect - End-Point Protection (NGAV), Password Management & Multi-Factor Authentication, Device Encryption and Patching, *Acceptable Use Policies (ask me)

Detect - Firewall, Intrusion Detection System, (DLP) Data Loss Prevention Utilities

Respond - Incident Response Plan, User Awareness Training (*ask me), Open Conversations and Simulated Drills, Cyber Forensics Firm

Recover - Backups, Redundancy/Replication/Fault Tolerance in systems, Cyber Insurance (1st, 3rd party, crime)

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Phoenix 2.0 – CI Security Advantage

- This Phoenix 2.0 & CI Security partnership helps provide our customers more cybersecurity options
- CI Security is a national provider of managed detection and response (MDR) and cybersecurity solutions
- Mission: to defend critical services and minimize financial loss
- Gartner-recognized MDR solution provides threat detection, human investigation, and rapid response to cybersecurity threats

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CI Security

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206.607.8849 Ext. 304

CI's overall Critical Insight offering includes a holistic set of managed and professional services

Topics

- What's going on now?
- Supply Chain / 3rd Party Security
- Increasing Regulatory Compliance Pressure
- Nation-State activities
- COVID19 - Where we have been, where we are now, and what to expect?

FYSA

All COVID, all the time

- Remote employees being hit with a lot of corona bait
- Companies are being hit with fraudulent payment notices
- Remote access tools and methods being attacked, fake apps

Credentials

- Bigger problem than malware
- Password spraying, RDP brute-force attacks

Unemployment insurance fraud

- Schools, government
- OPM? Equifax? Premera? What's the source of data facilitating scale?
- Who/what is/are the actor(s)?

Supply Chain / 3rd Party Security

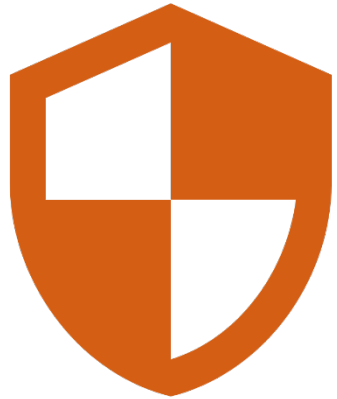
- Huawei and other companies being frozen out
- Notably, nation-state attempts to compromise
- COVID research organizations
- Executive order on energy sector

supply chain security

- DOD vendor certification program – CMMC
- Kwampirs malware

Regulatory Pressure

- Privacy drives security
  - GDPR, CCPA, Shield Act, and more coming
    - New ballot initiative in CA to make the fines LARGER
- Your regulators want you to regulate your business partners
- Non-regulatory enforcement: The Federal Trade Commission
- Scary non-regulatory enforcement: shareholder class action



Nation-State

- DHS warning: multiple countries hacking for COVID data
- China, Russia active and aggressive disinformation campaigns
- North Korea – using ransomware, targeting banks
- Russians responsible for:
  - San Francisco airport
  - Czech water utility
- Israel water utility compromised by Iran
- Iranian port “failed” attack
- India and Pakistan hacking each other
- Nigerian scammers in overdrive

Two Recommendations

- Use multi factor authentication and make phishing irrelevant
- Communicate the following policy: personal use on a personal device

Q&A

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Thank you!

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