2022 WEBINAR SERIES

Preparing to Defend Against Today's Cyber Threats: *Why You Are a Target and What No Cost Cybersecurity Resources are Available to Help!*

Presented by:

Richard F. Rossi, Cybersecurity Advisor, New Hampshire, CISA
Gerard E. Wallace, Security Specialist, NH Department of Information Technology
Cori Casey, Risk Management Consultant, Primex3
Timothy R. Benitez, Resident Agent in Charge, US Secret Service, Manchester Resident Office

February 23, 2022

Today's Presenters

Richard F. Rossi, Cybersecurity Advisor, New Hampshire, CISA

Gerard E. Wallace, Security Specialist, NH Department of Information Technology

Cori Casey, Risk Management Consultant, Primex3

Timothy R. Benitez, Resident Agent in Charge, US Secret Service, Manchester Resident Office

Primex³ Cybersecurity Recommendations

- Cybersecurity Audit – Find your baseline

- Switch to .gov – It's free

- Multi Factor Authentication – Protection against human error

- Incident Response Plan creation and testing (tabletop

- Replace passwords with Passphrases (21 characters or more)

- Primex³ Cyber Portal use – Self-assessment questionnaires, micro-trainings and webinars, timely alerts

- Training and Education – Tailgate and virtual options

- RFP and Third-Party Vendor Contract Review

- Establish Zero Trust Culture – Supported by organizational leaders (top-down)

CYBERSECURITY &
INFRASTRUCTURE
SECURITY AGENCY

Cybersecurity and Infrastructure Security Agency (CISA)

VISION
Secure and resilient infrastructure for the American people.

MISSION
CISA partners with industry and government to understand and manage risk to our Nation's critical infrastructure.

OVERALL GOALS

GOAL 1

DEFEND TODAY

Defend against urgent threats and hazards

seconds | days | weeks

GOAL 2

SECURE TOMORROW

Strengthen critical infrastructure and address long-term risks

months | years | decades

Cyber Threat Environment and Trends

- Financially motivated actors remain the biggest threat to local governments
  - Implement familiar — but still not universal — procedures that can cut down on the risk of an attack. "These are cybercriminals looking for the most vulnerable points," she said. "Software that hasn't been updated. Someone who isn't using multi-factor authentication. It's the lack of really effective cyber hygiene that causes these."

- CISA offers municipalities four key resources:
  - ✓ StopRansomware.gov, a website created last year to house alerts and guidance about extortion malware
  - ✓ The suite of risk-assessment and vulnerability-scanning services the agency offers at no cost
  - ✓ Cybersecurity advisers CISA's hired for every state
  - ✓ $1 billion grant program created in last November's infrastructure spending plan

CISA Cybersecurity Offerings

LOCAL

CSA Provided Offerings

- **Preparedness Activities**
  - Information/Threat Indicator Sharing
  - Cybersecurity Training and Awareness
  - Cyber Exercises and "Playbooks"
  - National Cyber Awareness System
  - Vulnerability Notes Database
  - Information Products and Recommended Practices / MS-ISAC – EI-ISAC
- **Cybersecurity Service Offerings**
  - Cyber Infrastructure Surveys (**C-IST**)
  - Cyber Resilience Reviews (**CRR**)
  - External Dependency Management (**EDM**)
  - Cyber Security Evaluation Tool (**CSET**)

Cybersecurity Advisors (CSA)

- Assessments
- Working group collaboration
- Resiliency Workshops
- Best Practices private-public
- Incident assistance coordination

Protective Security Advisors (PSA)

- Physical Security Assessments
- Incident liaisons between government and private sector for CI protection
- Support for National Special Security Events

CISA HQ Response Assistance

- Remote / On-Site Assistance
- Malware Analysis
- Hunt and Incident Response Teams
- Incident Coordination

Delivered by CISA Vulnerability Management Team*

* Recommend (**CRR**) first

- Phishing Campaign Assessment (PCA)
- Cyber Hygiene Scanning (CyHy)
- Web Application Scanning (WAS)
- Remote Penetration Testing (RPT)
- Risk & Vulnerability Assessment (RVA)

- Red Team Assessment (RTA)
- Validated Architecture Design (VADR)
- Critical Product Evaluation (CPE)
- CISA Qualification Initiative (CQI)