

Status Update: Cook County Information Security

SENSITIVE AND INFORMATION SECURITY RELATED



The Chief Information Security Officer's (CISO's) semi – annual report shall detail:

- The status of all Agencies' adoption and compliance with the Information Security Framework (ISF); and
- A summary of all advice and recommendations of each Agency regarding their unique considerations.



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Addressed Multiple Cyber Threats – Feb '19 to Jul '19

Rar DOC

Pet EVE 15 galware

Security

Remote Code Execution (CVE-2017-11238)

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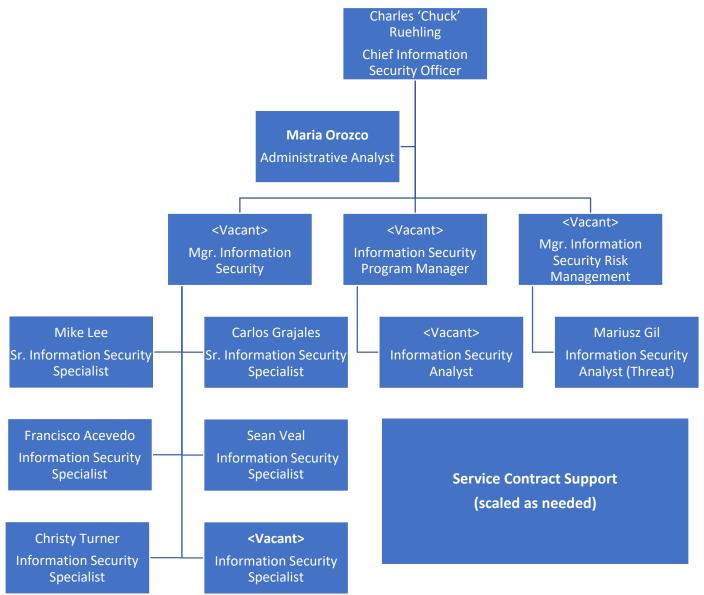
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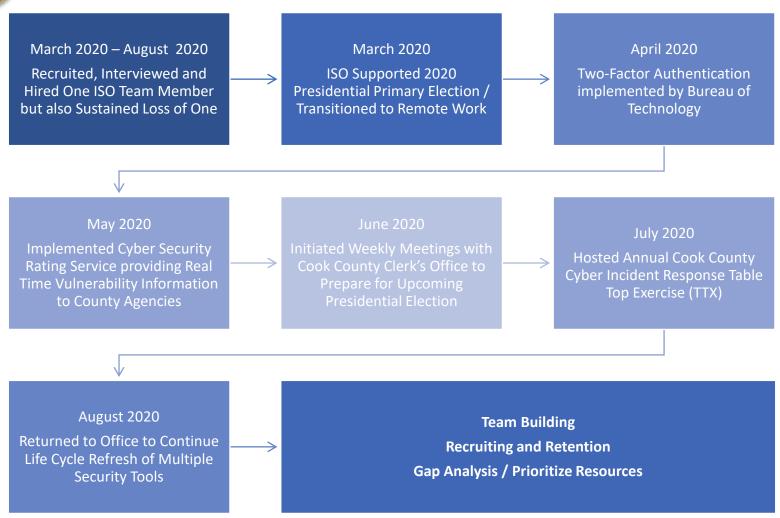


Information Security Office Organizational Chart





Information Security Office (ISO) Major Events





Agency Support

Completed Drafts on Five Information Security Framework Policies in an 18 to 24 Month Effort Culminating in a Risk Management Framework

Began Request for Proposal Process for expiring Managed Security Service Provider (MSSP) contract that will end in July 2021

Continued Working with Enterprise Business
Services (EBS) Cloud Migration Initiative to
Ensure Integration of Security Controls in New
Cloud Environment

Working with Several Agencies to Integrate ISO Tool Sets more Comprehensively into IT Environments



RISK MANAGEMENT FRAMEWORK TRAINING DEVELOPMENT

• In 2021, the Information Security Office (ISO) will develop Risk Management rolebased training that aligns with updated Security Policy. This role-based training will be available for the Executive level and below.

INFRASTRUCTURE REFRESH OF THE SECURITY TOOL STACK

• In 2021, the ISO will continue the refresh of information technology in the security tool stack that is at end of life for vendor support while evaluating capabilities.

SECURITY INCIDENT RESPONSE TABLETOP EXERCISE (TTX)

Building on the After Action Report (AAR) and lessons learned from the July 2020
 TTX will continue to mature the Incident Response TTX for 2021

INFORMATION SECURITY OFFICE STAFFING

 Recruit and retain motivated cybersecurity talent that is technically proficient, team-oriented and service-minded. Leverage contract resources to enhance capabilities where appropriate.



Cyber Security Challenges

Evolving
Adversaries
& Threats

Talent
Recruitment
Building

Mature
Capabilities

Cyber
Hygiene

Information security is a continuous process that requires due diligence, expertise and collaboration from all agencies to ensure that Cook County is adequately prepared for cyber security threats.

A modern cybersecurity program must have Board and Executive level visibility, funding and support.



