

VISO & InfoSec

Staffing Program



VISO Services

- ▶ Establish Strategy
- ▶ Update Policies
- ▶ Procedure Development
- ▶ Governance Insight
- ▶ Incident Readiness
- ▶ Control Implementation
- ▶ Manage Gaps
- ▶ Assess Risks
- ▶ Ensure Remediation
- ▶ Leadership Communication
- ▶ Ransomware Readiness
- ▶ Other Responsibilities

InfoSec Roles



VISO Responsibilities



Sample VISO Tasks

Cyber Security Strategy

- ✦ Develop a Cyber Security Strategy for Organization, incorporating relevant elements of the NIST Cybersecurity Framework, NIST SP 800-53, and critical infrastructure.

Policies

- ✦ Update and develop Organization security policies to align with the Security Strategy.

Policy Implementation

- ✦ Coordinate and collaborate with information technology and business units to implement the policy requirements.

Audit Remediation

- ✦ Assist business units developing solutions to remediate internal and external audit findings.

Executive Support

- ✦ Provide subject matter expertise to executive management on information security standards, best practices, and compliance requirements.

Investigations

- ✦ Perform cybersecurity investigations and coordinate with external resources as needed.

Incident Response

- ✦ Assist and oversee Incident Response efforts.
- ✦ Provide recommendation and guidance for and evaluation of an incident response plan specific to Organization's environment.
- ✦ Conduct tabletop exercises to practice incident response.

Management Reporting

- ✦ Establish security metrics and develop the processes necessary to regularly report security metrics to senior management.

Project Support

- ✦ Provide subject matter expertise to project teams by offering strategic and tactical security guidance across Organization projects, new technology solutions, and other areas as needed, to ensure that the development of new products and services take security design into account from the beginning.

Security Awareness Program

- ✦ Develop and implement a security awareness program.

Security Monitoring

- ✦ Coordinate and collaborate with information technology to implement, optimize, and monitor security monitoring solutions.

Support Coordination

- ✦ Assist with identification, review, and delivery of services from external security service providers.

Procurement

- ✦ Assist with development of procurement guidelines related to information security.

Vendor Risk Management

- ✦ Assist the organization performing vendor assessments, audits, and contract reviews.

Vulnerability Management

- ✦ Establish a vulnerability management program.

Emergency Operations

- ✦ Participate in Organization emergency operations training regarding information security and simulated cyber incidents.
- ✦ Assist Organization with developing and updating Emergency Operations policies and procedures related to information security and response to cyber incidents.



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Reimagining Cyber Defense