



Information Security Assessment

“An information security assessment determines the **key areas** and levels of vulnerability within an organization’s information systems and makes **recommendations** for corrective actions to be more **secure.**”

Weaver’s information security assessments are custom-tailored to the needs of your business. Experienced, qualified auditors examine your organization’s security from multiple angles, including examinations of your network, applications, and information security management policies and procedures to solve problems and minimize business risk.

Information security assessments analyze existing IT architecture, networks and systems to identify vulnerabilities—both internal and external—that could facilitate a data breach or unnecessary exposure, and can help ensure that a business has met all of its applicable regulatory compliance requirements. These assessments can also be used for companies with security concerns who want to identify weaknesses and implement stronger controls.

An information security assessment determines the key areas and levels of vulnerability within an organization’s information systems and makes recommendations for corrective actions to mitigate current risks and proactively defend against future threats.

Many businesses have come to understand that information security is an ongoing endeavor, rather than a one-time exercise. The need to regularly inventory, evaluate and address threats throughout multiple layers can prompt an information security assessment. An organization may call for third-party vulnerability assessments and network penetration tests as a means to ascertain or review the adequacy of their security measures.

Our Services

Weaver can assist businesses with taking proactive steps to help prevent attacks from external and internal sources that can take down your network or lead to the breach or unnecessary exposure of sensitive data, including payment card information, customer information, employee information or intellectual property. Identifying vulnerabilities is the first step toward protecting the confidentiality, integrity and availability of critical data. Key areas for consideration include:

Audit Assessments:

- ▶ Network security
- ▶ Application controls
- ▶ System architecture and design/topology
- ▶ Access controls
- ▶ Internet facing applications
- ▶ Email
- ▶ Social media policies and practices
- ▶ Database management
- ▶ IT management policies and procedures

Security Assessments:

- ▶ Security risk assessments
- ▶ Vulnerability assessments
- ▶ Penetration testing
- ▶ Social engineering
- ▶ Phishing and spear phishing
- ▶ Threat modeling
- ▶ Security compliance audits
 - NIST 800-53
 - ISO 27000 (ISO-27001 / ISO27002)
 - TAC-202
 - Executive Order 13636
 - OWASP Top 10
 - PCI-DSS

Weaver's approach:

- ▶ Work with management to appropriately scope the security activities that will be performed
- ▶ Interview key staff members about current information security processes
- ▶ Thoroughly evaluate existing network security architecture, policies and processes
- ▶ Evaluate publicly available information
- ▶ Assess current level of vulnerabilities in the network environment
- ▶ Review and analyze real-time threats occurring within the network
- ▶ Develop and prioritize detailed security recommendations to mitigate identified risks and improve overall security
- ▶ Incorporate management's response/feedback for findings to define action plans

We combine our audit experience with security-focused processes to conduct custom tailored assessments to provide assurance over what matters most to your business. **Our overall goal is to evaluate and present the business risk from technical findings.**

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