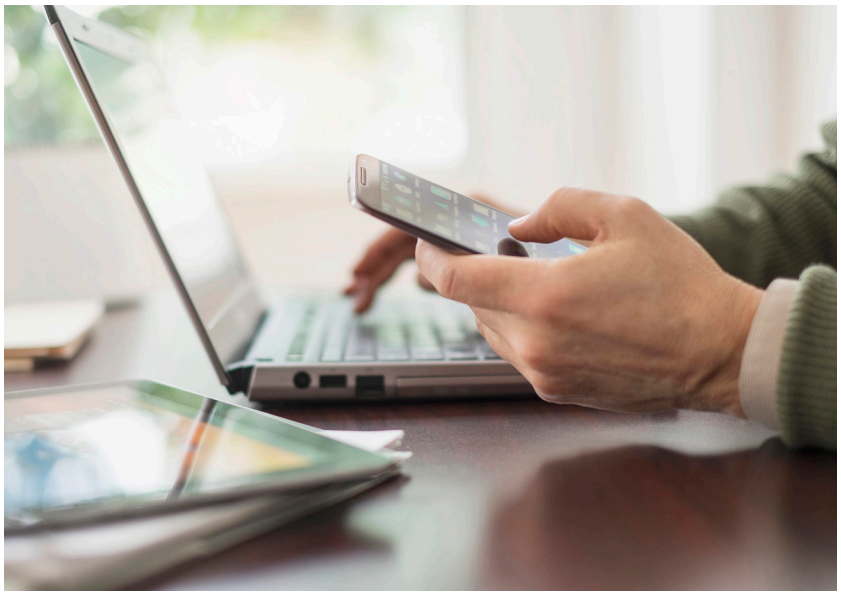
AT&T Cybersecurity Consulting
Enterprise Security Assessment Services

AT&T Business

Extend beyond the service network with Enterprise Security Assessment Services



With information security breaches on the rise, regulators, consumers, and business partners are requiring and demanding the protection of information. Organizations find it necessary to enable the business and manage information risk by consistently and effectively assessing and implementing security controls across the enterprise.

This holistic approach to enterprise security requires an alignment of security goals and objectives with corporate goals and objectives. It has been our experience that misalignment between security activities and an organization's strategic drivers are a primary reason why substantial improvements in their security posture are not realized. This happens in spite of significant monetary and resource investment. It is essential for organizations to assess enterprise security,

Potential Benefits

- Understand potential breach points
- Help assess security risks
- Benchmark enterprise security posture
- Increase visibility into critical risks
- Provide actionable recommendations for enterprise security

Features

- Program, Policy and Key Practice Review
- Network Security Architecture Review
- Vulnerability Assessment and Penetration Testing
- Wireless Security Assessment

identify the gaps, and enhance the security posture. To that end, the AT&T Enterprise Cybersecurity Assessment Service delivers a comprehensive security review and assessment of a customer's security environment.

Enterprise Security Assessment

AT&T Enterprise Security Assessment (ESA) Service offers you a comprehensive assessment that addresses a wide scope of potential issues in the customer environment relative to security and privacy. In addition, the enterprise security assessment framework (ESA framework) leverages internal policy requirements, industry standards, compliance and relevant regulatory issues (e.g., ISO 27001/2, HIPAA, HITECH, PCI-DSS, and many others). Based upon your needs, the assessment applies relevant discovery and validation activities to help detect potential internal and external threats. The assessment delivers an analysis of findings with recommendations for remediation prioritized based upon the risk to your organization.

Solution

AT&T Cybersecurity Consulting Services performs a comprehensive assessment of your organization's information security posture, utilizing the ESA Framework. AT&T Consulting may also assist in the implementation of control gaps discovered by the assessment. The cornerstone of the ESA, the Program, Policy, and Key Practice Review, can include several other activities that could be conducted as a component of your assessment. Options are available based on the level and depth of validation required and includes:

- Network Security Architecture Review
- Vulnerability Assessment and Penetration Testing
- Wireless Security Assessment

Program, Policy and Key Practice Review

AT&T assesses your overall information security program. This assessment includes the structures in which policies and programs are based, program strategy, security organization and governance, roles and responsibilities, and operational practices that support your business and its overall security posture. This helps provides a comprehensive view of your overall security posture (internally and externally) including security policies, procedures, controls, and mechanisms, as well as the physical security controls that support operations, security programs and governance. Items covered include:

- Security policies, procedures and standards
- Information risk management
- Security awareness and training
- Physical and environmental controls review
- Personnel security controls and procedures
- Outsourcing and third-party controls
- Operational security practices (including configuration and patch management, vulnerability detection and management, network security controls and management, and antivirus and malware protection)
- Auditing and monitoring controls
- Logical and physical access control
- Security within the Systems Development Life Cycle (SDLC)
- Incident management
- Business continuity and disaster recovery Planning
- Compliance management

AT&T Consulting reviews the program, policy, and key practices against industry standards, regulatory requirements, risks and issues that the organization faces, while considering the business, information, and technology environments.

Network Security Architecture Review

This review assesses network infrastructure design and configuration for deficiencies that could expose your organization to risks. A Network Security Architecture Review engagement is focused on the architecture of the network, with an emphasis placed on identifying and analyzing the effectiveness of security controls, exposing weaknesses, and making recommendations for improving the security posture of your network.

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Vulnerability Assessment and Penetration Testing

The Vulnerability Assessment offering provides an in-depth technical review of your current security posture. Automated scanning is complemented with a thorough analysis by AT&T Consulting along with prioritized remediation recommendations customized to your needs and requirements. The Penetration Testing offering can be tailored to meet specific needs. Testing can be modeled to replicate various types of attackers, from opportunistic Internet threats to the knowledgeable insider. A Penetration Test performed by AT&T Cybersecurity Consulting can be used to help evaluate your incident response capabilities, to validate the likely efficacy of security controls, and to provide management with "real world" attack scenarios that include walkthroughs of actual compromises.

Wireless Security Assessment

AT&T Cybersecurity Consulting evaluates the security posture of your wireless network including current security controls, providing a point in time assessment of the risks posed by the wireless network. This assessment assists you in identifying potential risks due to unauthorized access to the wireless network, unauthorized monitoring of your wireless communications and other wireless network vulnerabilities. All major components of your wireless system are examined including: access points, client configuration, and supporting infrastructure such as authentication servers, and access control devices.

Key Benefits

AT&T Cybersecurity Consulting takes a holistic approach to Enterprise Security, addressing elements of people, technology, and processes. We have in-depth knowledge of industry standards, applicable regulatory requirements and business goals. We combine these with our experience in information security management practices within the security industry, as well as practices within the retail, financial services, healthcare, government, education, media and entertainment industries.

Security Solutions: Expertise from a Trusted Provider

AT&T provides a unique and world-class portfolio of assessment, compliance and related security services. Our experience, expertise, and commitment to open standards have established us as a strategic and trusted advisor. By leveraging AT&T, you can expect best-in-breed solutions, a global network of proven technology, and a cost-effective program-based approach to address your information protection and compliance needs.

For more information contact an AT&T Representative or visit www.att.com/security-consulting.

To learn more about Enterprise Security Assessment Services from AT&T, visit www.att.com/security-consulting or have us contact you.

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