AT&T Security Consulting

Security vulnerability assessments

New and rapidly deployed technologies, changing workforces, and profit-driven malware are all affecting the way organizations must evaluate the effectiveness of their existing security controls. While vulnerability scanning products and services have matured to become the cornerstones of enterprise security assessments, the skill set of attackers continues to outpace such automated tools. AT&T Security Consulting offers independent and holistic vulnerability assessment services that include evaluation of internal and external security posture, remote access and wireless vulnerabilities, physical security, and social engineering threats. We help you identify weaknesses and optimize defenses within your operating environment.

Vulnerability Assessments

Our Vulnerability Assessment offerings provide clients with an in-depth technical review of their current security posture. When configured appropriately, automated scanners can provide valuable information. However, the output from these applications is not the end deliverable from an AT&T Security Consulting Vulnerability Assessment. We provide a thorough analysis of vetted data along with prioritized remediation recommendations customized to your needs and requirements.

Vulnerability Assessments are a long-standing practice of engineering professions and can be applied to physical objects such as buildings, to complex hierarchies such as ecosystems, and to the physical objects and complex interdependencies of an IT infrastructure. The initial scoping of a Vulnerability Assessment determines the size and types of activities required to provide the most value for our customers, such as the following:

External Vulnerability Assessment

A remote assessment of your security posture typically performed from the perspective of either a trusted or un-trusted Internet user.

Internal Vulnerability Assessment

A local assessment of your security posture typically performed from the perspective of a trusted entity.

Both types of assessments, external and internal, enable you to take a proactive approach to network security. They can also increase the overall reliability of an organization's network infrastructures.

AT&T Security Consulting can also perform additional penetration testing activities to determine what, if any, unauthorized access can be gained. These proof-of-concept exploits can further clarify the actual level of risk that the identified security exposures and vulnerabilities create.

Remote Access Assessment

The Remote Access Assessment evaluates existing remote access controls, including partner, vendor, or other extranet-like environments. A Remote Access Assessment can also determine alternate points of entry into your organization, including war dialing (technique of using a modem to automatically scan a list of telephone numbers) to discover unauthorized modems.

Potential Benefits

- Understand potential breach points
- Help reduce security risks
- Benchmark security posture
- Assist in protecting intellectual property
- Increase visibility into critical risks
- Provide actionable recommendations for improving security

Features

- External Vulnerability Assessment
- Internal Vulnerability Assessment
- Remote Access Assessment
- Wireless Vulnerability Assessment
- Physical Security Assessment
- Social Engineering Assessment

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Wireless Vulnerability Assessment

The Wireless Vulnerability Assessment evaluates the security posture of an organization's wireless network. This Assessment provides a validation of current security controls protecting the wireless network, and provides a point in time assessment of the risks posed by the wireless network. Further, a Wireless Vulnerability Assessment assists in identifying potential risks due to unauthorized access to the wireless network, unauthorized monitoring of wireless communications and other wireless vulnerabilities. All components of the customer-controlled wireless system are examined including: wireless access points, client configuration, and supporting infrastructure such as authentication servers and access control devices.

The Wireless Vulnerability Assessment can also include identification of unauthorized or rogue wireless devices.

Physical Security Assessment

Without physical security, there is no security and yet physical security controls are less likely to be fully integrated into IT, and security guards are often outsourced. The AT&T Security Consulting Physical Security Assessment reviews and analyzes the physical and environmental security controls related to information security, and the controls surrounding physical and environmental security. Additionally, our consultants will conduct a walk-through of the facilities in order to identify all areas that may present security concerns. The walk-through assists in validating whether appropriate controls are in place for the size, complexity, and risks that the organization faces.

Social Engineering Assessment

Social engineering is the practice of obtaining confidential or sensitive information via manipulation of legitimate users. A social engineer will commonly use the telephone, email, or Internet to deceive employees into revealing information, thereby circumventing established security controls. The AT&T Security Consulting Social Engineering Assessment determines your susceptibility to a variety of social engineering scenarios. It complements other assessment activities in providing you with a third party review of your overall security posture and employee adherence to established security policies.

Vulnerability Assessment Combined with Penetration Testing

Often customers wish to combine Vulnerability Assessments with Penetration Testing services. This enables them to get a comprehensive view of their security posture, as well as to validate the effectiveness of controls in response to a simulated attack from within or outside the enterprise. AT&T Security Consulting offers several options for combining these services and can also develop a customized work scope for your organization.

Key Benefits

AT&T Security Consulting takes a highly-customizable approach to Vulnerability Assessments. We combine our in-depth knowledge of industry standards, applicable regulatory requirements, business goals with our experience delivering information security services to the retail, financial services, security, healthcare, government, education, and media and entertainment industries.

Count on Security Consulting from AT&T

AT&T has a long history of developing and managing security services that support a defense-in-depth architecture to help with your security policies. AT&T security consultants have experience handling large, complex infrastructure solution deployments. We follow industry best practices and a standardized methodology to help reduce risks and speed deployment of your end-to-end security solution.

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