



Product Brief

AT&T Security Consulting

Secure Infrastructure Services

Networking technology continues to evolve at a rapid pace. With developing technologies in an organization, such as layer 2 switching optimization, component virtualization and collaborative applications, a periodic review of the network architecture has become a necessity for companies from a cost and overall security standpoint. This can provide a blueprint of rules and design guidelines that are meant to fulfill security and operational objectives of the network.

Unauthorized penetrations or unsatisfactory fault-tolerance can impact business productivity. The network design that results from a prudent architecture avoids unnecessary complexity, controls profusion of point solutions and provides adequate security to the infrastructure. An integrated network computing environment enables enhanced security and reduces internal expenses through the consolidation and automation of operations, facilities and processes. These items help increase competitive distinctions by responding to the evolving demands of the marketplace and supporting them via effective use of IT.

Secure Infrastructure Services

The Secure Infrastructure Services practice within AT&T Security Solutions provides assessment, planning and design services to secure data and voice integrated network infrastructures. Our products are custom tailored to meet the requirements of your company. As organizations grow, a secure and reliable network infrastructure is a prerequisite to the successful delivery of products and services. A flexible and scalable networking infrastructure is critical to the cost-effective deployment of new enterprise applications.

Solution

AT&T Security Consulting employs a security architecture model that is based on the Defense-in-Depth paradigm. Our involvement typically starts with an architecture assessment and extends into design and configuration assessment services. Our solutions enable organizations to efficiently handle operations and smoothly accommodate growth organically or through mergers and acquisitions, yet at the same time remain flexible so that divestitures can be easily handled.

Network Security Architecture Assessment

The network security architecture assessment examines the overall network architecture to ensure that it meets and incorporates industry standards and best practices for information security controls. The key focus areas are:

- Network Segmentation/Risk based zone assignments
- Placement of key systems (Firewalls, IDS/IPS, etc.)
- Redundancy and Single Points of Failure
- Resilience to DoS/DDoS, virus, and malware attacks

The architecture assessment provides recommendations regarding potential cost savings based on optimization or consolidation. The findings from the assessment consist of recommendations for tactical and long-term security enhancements to the networked environment. The AT&T Security Consulting methodology is based on the standards of current best practices that include

Potential Benefits

- Understand enterprise security posture
- Help assess security risks
- Evaluate enterprise security controls
- Address compliance requirements
- Provide actionable recommendations for secure and cost-effective network design

Features

- Network Security Architecture Assessment
- Network Security Design Services
- Device Configuration Assessment

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recommendations from major vendors and service providers.

Network Security Design Services

AT&T Security Consulting assists companies with detailed network security design services. AT&T Security Consulting works with network and security architects at your company to get a complete understanding of the network environment. We analyze the technology drivers, constraints and impediments that have led to the current architecture and review critical components based on your organization's business function and risk. Our strategy takes into account the importance of protecting investments in the current technology while balancing the best longterm decisions for your company. AT&T Security Consulting provides services in the areas of:

- LAN/WAN segmentation design
- Firewall/Intrusion Detection (IDS)/Intrusion Prevention (IPS) design
- Demilitarized zone (DMZ) design
- Virtualization design

Device Configuration Security Assessment

AT&T Security Consulting performs device configuration assessments as part of an in-depth security assessment. Proper device configuration is an important component of a Defense-in-Depth strategy for protecting information resources from internal and external attacks and unauthorized access to sensitive information. The objective of a configuration assessment is to ensure that the proper security controls are in place for critical devices, such as firewalls, routers, switches and servers. Improperly configured network devices can degrade network performance, while compromised devices can lead to denial of service or other security breaches. Our device configuration security assessments include understanding of the device's functional purpose as well as assessing the specific configuration in the context of its role.

Key Benefits

AT&T Security Consulting provides security services for your company's infrastructure that custom fit your requirements. We combine our in-depth knowledge of networking technologies, together with industry standards, applicable regulatory requirements, business and technology requirements, in order to deliver information security services to your organization.

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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