

1.6 Security Services [L.34.1.6]

The protection of Agency information requires an integrated security solution that goes beyond simply adding on individual security service elements. AT&T's security solutions are fully integrated with our enterprise Information Technology (IT) portfolio and are delivered by experienced security experts, using documented and certified processes, and AT&T Labs-developed intelligent systems.

The offeror shall describe the means by which the requirements for the mandatory Security Services specified in Section C.2 Technical Requirements will be satisfied.

AT&T has decades of experience working with Government Agencies and commercial enterprises on their information security planning, implementation, and management. AT&T provides a wide range of security, engineering, and professional services to Federal Government Agencies. AT&T's architects' and engineers' security solutions meet stringent Government requirements, anticipated needs in the security arena, and our own exacting standards.

AT&T has expertise in providing high-profile security solutions for Agencies, such as the [REDACTED] and advanced [REDACTED] [REDACTED] AT&T has over [REDACTED] years of experience in supporting classified and nonclassified Government projects. AT&T is actively supporting the nation's homeland defense and related initiatives.

Every day, we successfully thwart real-world threats posed to AT&T's own assets. With the largest network in the world, we apply our own expertise to protect your business. The expertise behind our security services stems from our engineers in AT&T Labs who have made significant contributions to this field. Our security consultants stay abreast of current issues through

participation in news groups and security forums, as well as continuous education, and actual resolution of client security issues. We bring this breadth of expertise to protect your network.

Information Assurance

The growing complexity and openness of today's electronic infrastructure and information services make it imperative to design and deliver Information Assurance (IA) as an integral part of enterprise Information Technology (IT) services. In contrast to IA solutions that just add piecemeal security components and processes, AT&T offers a suite of integrated security services that deliver defense in depth to meet Agency IA needs.

AT&T designs our security services to be interoperable and integrated with our enterprise networking and hosting services. **Figure 1.6-1** depicts our security approach that overlays our security services on our network infrastructure. Managed firewall, intrusion detection and protection, anti-virus, router security, and email protection systems are all service inputs to our AT&T Labs-developed [REDACTED]

Advanced Security Systems

[REDACTED] provides real-time data correlation, situational awareness reporting, active incident investigation and case management, trending analysis and predictive security alerting across all systems, networks and intelligence inputs. The [REDACTED] system provides real time *data mining* and event correlation for all events generated by each data input device using the AT&T Labs-developed [REDACTED] is another example of an AT&T innovation that demonstrates our commitment to Agency's enterprise security.



Figure 1.6-1: AT&T Integrated Security Solution. *Agencies will benefit from a suite of integrated security services that is combined with security experience, security experts, established processes, and AT&T Labs innovations.*

In addition to each of the individual security services described in this section, we have implemented provisioning and incident response systems that are integrated with our transport and security services. **Table 1.6-1** describes the complementary tools used for network provisioning and configuration and security detection to provide superior protection to networks and the services delivered over them.

FUNCTION	SYSTEM	DESCRIPTION
Auto Provisioning and Configuration	[REDACTED]	[REDACTED]
	[REDACTED]	[REDACTED]
	[REDACTED]	[REDACTED]
	[REDACTED]	[REDACTED]
	[REDACTED]	[REDACTED]
Incident Detection	[REDACTED]	[REDACTED]
	[REDACTED]	[REDACTED]
	[REDACTED]	[REDACTED]
	[REDACTED]	[REDACTED]

Table 1.6-1: Security Systems. Agencies benefit from proven tools, processes, and AT&T Labs innovations that integrate network surveillance and network provisioning and configuration systems.

AT&T's security expertise delivers to Agencies the same due diligence and success used to protect our own network and computing infrastructures. The effectiveness of AT&T's IA was demonstrated by our ability to ward off the

worm attack on Microsoft's Structured Query Language (MS-SQL) that slowed global Internet traffic to a crawl for millions of users on hundreds of information service provider (ISP) networks in January 2003. AT&T's Internet Protect, one of our security services, also allowed us to warn customers of the Sasser worm in May 2004.

Sections 1.6.1 through 1.6.8 describe each FTS Networkx security service, how they fit together, and how they are supported within an Agency's enterprise architecture. In addition, they contain descriptions of the service delivery, benefits, features and capabilities, key performance indicators (KPIs), and service reporting methods.