

Homeland Security: Assured Communications For Enterprise



Enhance productivity while ensuring a highly efficient and resilient communications network

Benefits:

- Un-tether your workforce
- Achieve lower Total Cost of Ownership
- Attain higher reliability and security
- Increase speed of restoration
- Develop strategies to mitigate potential risks

Lucent Technologies
Bell Labs Innovations



September 11th, 2001. Northeast Power Blackout. Hurricane Isabel. Slammer Virus. The impact of increasing security threats and network vulnerabilities pose huge challenges for enterprise communication networks today. Welcome to the era of Homeland Security.

Enterprises need superior network performance and communications assurance during normal day-to-day times while ensuring network survivability during times of disaster. Lucent's Assured Communications delivers this – and more.

Assured Communications – a dual-purpose competitive advantage

Assured Communications is a broad suite of next generation IP products and services, such as DSL, IP VPN, Ethernet over SONET and IP Centrex, that sustain your network during times of disruption while giving you a competitive edge during times of peace. Assured Communications delivers a dual-purpose approach to enterprise telecommunications that provides competitive, cost-effective and productivity-boosting performance, every day, and unequalled communications assurance if disaster should occur. That's assurance.

Network-hosted services are cost-effective and resilient

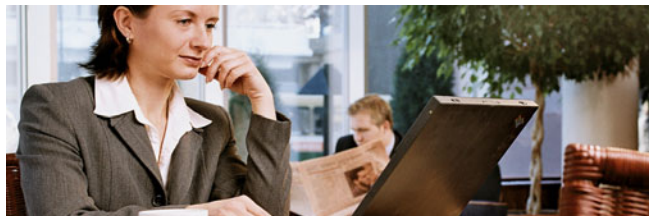
Lucent Technologies provides the people, solutions, and experience to enhance the reliability, security, and efficiency of your multivendor network. Our strengths lie in our network-hosted, robustly designed systems that are inherently survivable, and our well-qualified staff that design and install world-class networks – backed by the global superiority of Bell Labs.

Network-hosted services are more secure and sustainable than premises-based services because the service is delivered from a secured location designed to ensure service continuity, operated by well-trained, always-available and well-equipped teams of experts. Even if service becomes disrupted, it is more quickly restored at a network-hosted facility.

Assured Communications helps you:

Un-tether your workforce

Whether your enterprise site is unavailable or your employees are unable to reach their normal place of work, they can still perform their job function from wherever they happen to be – minimizing business disruption.



Achieve lower Total Cost of Ownership

Basing your telecommunication service in a network-hosted Central Office enables you to benefit from a lower total cost structure of up to 30% on capital and operational savings – due to economies of scale that Service Providers can provide.



Attain higher reliability and security

The network-hosted Central Office environment has been carefully developed and designed from more than one hundred years of innovation and evolution, to ensure the highest reliability and security at all times – for an economical price.



Increase speed of restoration

Under the control of trained 24 x 7 staff, utilizing next generation network infrastructure, your telecommunication service has the fastest restoration capability available today.



Develop strategies to mitigate potential risks

Lucent Worldwide Services can help you identify, understand and prioritize the potential risks to your networks, critical IT infrastructure, and business processes – and help you develop strategies to mitigate those risks.



Ensure the sustainability of your communications

Assured Communications delivers survivability assurance to meet enterprise and government's growing needs now – and in the future. Lucent Technologies is the best choice to ensure the sustainability of your communications.

Assured Communications Enterprise Services:

Assured Communications provides the following unparalleled solutions and services:

DSL and IP VPN Services – DSL delivers broadband speed with high performance, reliability and quicker access to today's advanced features, while IP VPN leverages your existing network resources to deliver secure advanced business services. Together they deliver superior remote access to your network, when and where you need it.

Ethernet over SONET (EoS) Services – combine the proven reliability and reach of today's Synchronous Optical Networks (SONET) with the affordability and simplicity of Ethernet, allowing enterprise migration to efficient EoS platforms while eliminating the cost and complexity of overlay networks.

Enhanced Frame Relay and ATM Services (FR/ATM) – cost-effectively and reliably provide bandwidth capacity and high transport speeds to enable enterprises to transmit different kinds of data over wide geographic areas at high speeds, with maximum performance.

Managed Wavelength Services – delivers cost-effective, multi-location Storage Area Network (SAN) over distance interconnects and high-speed Wide Area Networking (WAN) services, enabling enterprises a flexible way to expand their networks to meet complex data transport needs.

IP Centrex Services – a fully managed service that enables enterprises to merge voice telephony and Internet technology on a single, cost-effective network – unifying multiple locations and delivering seamless support for both local and remote workers.

Unified Messaging – delivers the scalability, performance and ease of use required by today's enterprises to allow employees the seamless access and management of voice, e-mail, and fax messages using any telephone or multimedia personal computer.

Managed Contact Center – a carrier-based contact management solution for seamlessly monitoring and managing contact center activity from multiple channels across multiple locations without costly equipment on an enterprise's premises.

Lucent Worldwide Services Professional Services – provide reliability & security consulting services that develop and implement sound security solutions, policies and procedures – to secure your network, protect your applications and reduce the risk of intrusions.

Our portfolio of Professional and Managed Services covers the security life cycle of Assessment, Planning & Design, Implementation and Managing security

InfraLynx Mobile Communications Vehicle – developed in collaboration with the Navy Research Lab – InfraLynx provides rapid restoration of critical communications through wireline, wireless, land mobile radio, video and Internet data communications.

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Lucent Technologies is the market leader in network-hosted solutions, with unparalleled products and services for every aspect of today's networked environment. Lucent helps enterprises and governments optimize their networks to meet their ever-changing needs and achieve their goals – today and tomorrow.

Lucent Worldwide Services

Lucent Worldwide Services (LWS) is the world's largest and most experienced telecommunications services team, with more than 10,000 skilled network experts around the world. LWS has a passion for solving network problems and maximizing the value of your network for the utmost in efficiency, reliability and security.

Bell Labs

More than any other institution on the planet, Bell Labs has helped weave the technological fabric of modern society. For over a hundred years, its scientists and engineers have launched technological revolutions that have reshaped the way people live, work and play. As the most creative force in communications networking today, Bell Labs shapes tomorrow's networks at every layer.

Strategic Alliances

To ensure success in bringing the full impact of Assured Communications to our customers, Lucent continues to forge major alliances with select industry leaders in networking, storage, software and consulting – to link our innovation and expertise in voice and data with our partners' complimentary products, services and support. Lucent gives you the best of all worlds.

To learn more about our comprehensive portfolio of integrated solutions, please contact your Lucent Technologies Sales Representative or visit our web site at www.lucent.com.

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