

Sun™ VoIP Application Services Solution with Technology from Lucent Technologies

Helping enable secure, scalable, and highly-available IP services delivered to the desktop



Key Highlights

- **Secure and scalable**—Sun’s product portfolio includes horizontally scalable hardware, software, and services that address security and high availability for converged voice and data networks that deliver applications and services to the desktop. Scalability allows you to easily grow your VoIP solution as your business needs grow. Security helps ensure that you can deploy VoIP with confidence.
- **Flexible to support different VoIP deployments**—The Sun VoIP Application Services Solution with technology from Lucent Technologies can address enterprise-owned, hosted, or managed VoIP deployments.
- **Open-standards based to ensure application interoperability**—Sun’s demonstrated commitment to industry standard interfaces ensures that enterprises can integrate VoIP into their existing infrastructure—allowing you to work with your current applications as well as future ones without requiring major replacement.

Voice over Internet Protocol (VoIP) is being adopted rapidly in the consumer and enterprise markets. IP-based telephony replaces traditional circuit-switched calling by routing voice traffic over data networks in packets. At its most basic level, VoIP allows companies to transmit calls on their own IP or data networks—bypassing traditional telecommunications providers, avoiding toll charges, long distance fees, and eliminating the support and maintenance costs associated with a second network.

Take advantage of simplification, costs savings, and productivity improvements

By converging voice and data networks into a single IP-based network, you can benefit from simplification of your network infrastructure, operational costs savings from office changes, and productivity improvements. And Sun can help you get there with a second-generation solution to help build VoIP solutions. Sun™ VoIP Application Services Solution with technology from Lucent Technologies gives you transparent access to your converged voice and data communications by delivering productivity-enhancing converged features to the desktop that unify enterprise communications between project teams and operational processes distributed across disparate devices, applications, and locations. This solution enables secure, scalable, and highly-available IP services, such as VoIP, to be delivered to the desktop.

With Sun, you can economically deploy Sun VoIP Application Services Solution with technology from Lucent Technologies knowing your VoIP environment will be secure, scalable, highly available, and have the voice quality you expect. The solution is flexible and can address enterprise-owned, hosted, or managed VoIP deployments. Service providers—as well as vertical markets such as financial services, higher education, and government—may benefit in the following ways:

- **Cost savings**—There are multiple sources for cost savings, including toll bypass, long distance fees, and IT costs associated with infrastructure simplification and consolidation.
- **Improved operational efficiencies**—Managing a single, unified network is generally cheaper, easier, and requires fewer resources. With a single network infrastructure for both voice and data, you can consolidate your telephony and data/IT resources into a single organization and operating budget.

- **Improved end-user and operational productivity**—VoIP solutions allow you to deliver advanced integrated voice and data applications to end users and give reliable access to the corporate network for mobile and remote workers.
- **Future strategy**—Allows you to shift telephony investments to an all IP-enabled environment.

Solution Components

The Sun VoIP Application Services Solution with technology from Lucent Technologies is based on the following components: the Sun VoIP Reference Architecture for Lucent Solution and hardware, software, and services that address security and high availability for converged voice and data networks.

The Sun VoIP Reference Architecture for Lucent Solution

Reference Architectures are designed, tested, and documented at Sun iForceSM Centers so you can reduce the complexity, costs, and risk of deploying new technology in your enterprise.

The Sun VoIP Reference Architecture for Lucent Solution provides an intuitive web-based graphical user interface into an integrated system for voice and data over an IP network. This Reference Architecture enables more efficient communication and collaboration for medium to large enterprises as well as residential consumers, and can be deployed by service providers or enterprises.

*Only for large deployments

Hardware and Software

VoIP Application Services includes the following

Sun hardware and software:

- Solaris[™] Operating System
- Sun Java[™] Enterprise System software
- Sun Fire[™] V1280*, V440, V240, V100/120, and V60x servers
- Sun Blade[™] 150 workstation
- Sun StorEdge[™] 3310 SCSI array

The solution also includes the following

Lucent hardware and software:

- Lucent Feature Server 3000
- Lucent Multimedia Portal (formerly EBS)
- VitalSuite products
- APX 1000 Gateway
- VPN Brick Firewall

Services

Sun VoIP Application Services includes services delivered by both Sun and Lucent to help you successfully architect, implement, and manage your VoIP solution. Based on proven methodologies, our services can help you reduce risk and speed time to market, and include:

- Workshops and planning services for converged communications
- Assessment and implementation services
- Training and certification
- Technical support services

Lucent Technologies: A recognized leader in VoIP technology

By working with Lucent, Sun is leveraging the expertise of a recognized leader in VoIP. Lucent designs and delivers the systems, servers, and software that drive next-generation communications networks. Backed by Bell Labs research and development, Lucent helped invent voice networking. Lucent is bringing quality, security, reliability, and feature-rich services to a new generation of IP networks.

Take the next step. Sun's products and services are designed for reliability, security, and scalability. If you want to learn more about Sun VoIP Application Services Solution with technology from Lucent Technologies, contact your Sun sales representative or visit sun.com/service/voip.

