

Converged Networking

Solutions for Growing Business

Among the many challenges of growing companies is the need for better communications systems –Voice and Internet– which improve productivity, while maintaining cost of implementation and deployment within budget. To add to this challenge, businesses hire multiple companies to handle telecommunications on separate networks.

Maximizing Return of Capital Investment by Minimizing Operating Expenses

When businesses grow, the need for expansion in telecommunications comes with a complex and redundant costly architecture that challenges IT departments. Companies are looking for efficient ways to reach out to customers and coworkers at different locations, providing Internet-based services to their customers and maintaining costs under budget. Businesses acknowledge that to face these difficulties the solution resides in a consolidation of networks, Converged Networking.

Although Converged Networking may be a solution to promote efficient communications, companies try to unify multiple platforms, without compromising voice and data traffic. Concerns exist about Quality of Service, Reliability, Network Security, Phased Deployment and costs of scalability among others.

Companies also look at the fact that the current infrastructure of separated networks for voice and data traffic is consuming high maintenance times. That means multiple services, different configurations, expensive scaling infrastructure and labor and time intensive support to remote users. Network security can be costly with different approaches to separated networks systems and can cause an unbalanced allocation of resources towards network support; resources, that otherwise may be used on business development.

Benefits of IP Converged Networking

- Reduced complexity leading to indirect cost savings
- Greater Flexibility
- Increased reliability and enhanced network security

Converged Networking brings the promise of reduced management and deployment costs.

Converged Networking leveraged on IP communications resolves companies' dilemmas of efficient cost-effective communications systems. Converged Networking and a software based architecture allows the integration of voice and data networks under a single platform, reducing costs of deployment and management, delivering much stronger return on investment.

Voice over Internet Protocol (VoIP) allows the digitization and packetization of voice streams to be carried over the same IP network as data traffic. IP telephony uses the VoIP standards and offers advanced features such as call routing, voice mail, call forward and others.

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IP telephony increases system deployment and supports options that typically reduce total cost of ownership by consolidating internal support efforts, and simplifying system operations including employee's moves and additions accomplished at a fraction of the cost using IP telephony network. Utilizing a network that talks the same language as the Internet (even for voice traffic), we are able to deliver future business tools, software and Internet advances over our network directly to our customers. It is a single network with a single protocol and single provisioning interface for all voice and data services. Voice packets get priority over data packets through the network, and a soft switch provides the intelligent call control. The intelligence of the network lends itself to an increasing level of customer directed network changes and seamless growth from incremental service adoption.

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Grid4 has invested in a Private IP Network to build the Next Generation Telecommunications Company. As a facilities-based company, Grid4 owns "the switch" which provides our customers with a converged voice and data network, allowing us to deliver cutting edge technology, keeping the client on top of the technological curve along with exceptional cost-savings and customer service.

We recognize the potential of IP technology to deliver a new standard for enterprise productivity, enabled by networking applications.

We are able to turn VoIP installations in less than 30 days, estimating deployment costs of approximately 40% less than with traditional telephony.

At Grid4 Communications, Quality of Service (QoS), Network Security and Leading Edge Technology delivered to your business is not a promise, it is guaranteed.

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