



**Product information begins on page 2.**

Lucent and Ascend have merged.

With the Lucent-Ascend merger, customers gain a broader and more powerful portfolio of next-generation data, voice, fax, and video services and products. To access up-to-the-minute information about our products, see page 2.

We also invite you to contact us with your questions directly at: [info@ascend.com](mailto:info@ascend.com)

# Ascend

## Voice Virtual Private Network

The Ascend Voice Virtual Private Network (VPN) solution offers a robust, easy-to-customize service that can strengthen your corporate relationships and increase network utilization. Highly valued among businesses because of its cost-savings and convenience, Voice VPN enables a private numbering plan to be overlaid on a public numbering plan. This facilitates telephone communications among geographically dispersed businesses, providing a consistent dialing structure that allows extensions or abbreviated numbers to be used for intra-company calls.

### IN-Based Solution Reduces Costs, Simplifies Management

With Voice VPN, businesses can reduce their network management and maintenance burden, and because the subscriber uses the public network rather than costly dedicated private lines, significant cost savings are achieved. Additionally, Ascend Voice VPN allows companies to better manage their telecommunications expenses by restricting non-business calls and offering the ability to specify account codes for business calls. Offering your customers Voice VPN services positions you to gain market share as increasing numbers of companies seek the flexibility and enhanced control of an Intelligent Network (IN)-based Voice VPN.

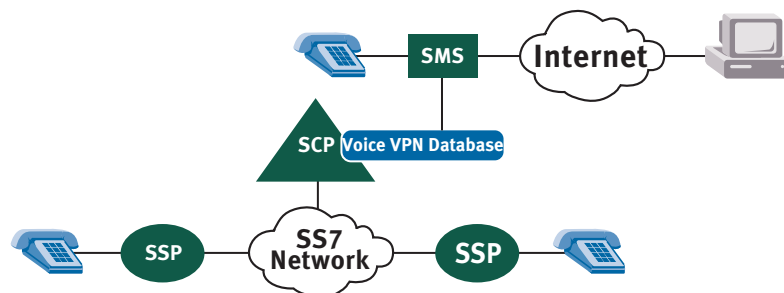
- ▶ High-value features attract new business customers and retain existing ones
- ▶ Packaged application cuts development time and speeds time-to-market
- ▶ Flexible configurations and billing options meet diverse customer needs
- ▶ Scalable solution accommodates a growing subscriber base
- ▶ Switch-independence provides interoperability with a variety of switches and network configurations

### Flexible, Feature-Rich Service with Customer Appeal

Ascend's IN-based Voice VPN solution provides a host of enhanced features and capabilities with strong customer appeal. With Voice VPN from Ascend, you can offer your business customers optimal flexibility in configuring a service that best meets their needs.

- ▶ Private numbering plan provides a consistent dialing structure within the Voice VPN
- ▶ Speed dialing uses abbreviated numbers for faster dialing inside and outside the Voice VPN
- ▶ Off-net to On-net calling provides VPN access from outside of the Voice VPN
- ▶ On-net to Off-net calling allows VPN users to make calls outside of the Voice VPN
- ▶ Call blocking provides the ability to restrict specified outgoing calls
- ▶ Account-code billing allows users to define codes for billing purposes
- ▶ Choice of Web-based or over-the-telephone profile management lets administrators modify user profiles over the Internet or by phone

### Voice Virtual Private Network



To facilitate call processing, user and corporate profiles are maintained on the Voice VPN service control point (SCP). This enables calls to be routed quickly. Voice VPN activity logs provide extensive data that makes it easy for subscribers to track costs and get a handle on telecommunications expenses.

## Open, Comprehensive Solution

Ascend is the only solution provider that supports both today's PSTN and gateway needs, and future IN solutions on the same platform. Ascend's comprehensive IN offerings help wireline and wireless telecom providers like you accelerate time-to-market for new services, and reduce development, management, and operation costs over the life of those services. Ascend brings everything together on performance-tested software and hardware platforms that enable you to implement multiple IN applications on the same platform.

Ascend's Distributed Network Control Platform (DNCP) is a family of fault-tolerant hardware systems that use a pair and spare architecture and incorporate duplex, lockstep components to ensure continuous availability and reliability.

The Ascend SCEnic family of IN platform products provides a robust, standards-compliant environment for developing and deploying IN services in carrier networks worldwide.

The Ascend Signaling and Intelligent Network Applications Platform (SINAP) provides a full-featured standards-compliant Signaling System 7 (SS7) protocol stack supporting ANSI and ITU international standards.

## Worldwide Service and Support

Ascend offers a complete range of services for your Voice VPN solution – from business planning to systems integration – through our worldwide Professional Services organization. We also provide mission-critical 24x7 support through our industry-leading Customer Assistance Centers around the globe.

## Ascend Communications, Inc.

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Ascend Communications, Inc. is a leading provider of wide area network and intelligent networking technologies for the next-generation public network, a packet-based infrastructure that integrates data, fax, video, and voice communications.

Ascend markets the Ascend SS7 Gateway, B-STDX, CBX, GRF, GX, Intragy, IP Navigator, MAX, Multiband, MultiDSL, Navis, Pipeline, SA, and SecureConnect families of products. Ascend products are available in more than 40 countries worldwide. For more information about Ascend and its products, please visit the Ascend Web site at <http://www.ascend.com>, or email [info@ascend.com](mailto:info@ascend.com).

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Network  
Solutions  
Never End™

