

# DirectVoIP™ Broadband International Voice Service for Consumer VoIP Providers



## Accelerating Market Entry

## Fast & Secure VoIP Interconnects

## Enhanced Quality

## International Access

iBasis DirectVoIP™ Broadband enables voice over broadband service providers to take full advantage of the iBasis Global Network, the same extensive international voice over IP network used by the world's largest carriers and millions of consumer VoIP subscribers for cost-effective international calling services. Ranked by carriers as the top international wholesale carrier for four years in a row, iBasis is one of the largest carriers of international phone calls and carries approximately 20% of the world's international VoIP traffic.

DirectVoIP Broadband meets the security, scalability and operational needs of broadband service providers, making it possible for you to deliver high quality voice services at competitive prices, increase average revenue per user, and expand your customer base.

DirectVoIP Broadband was named 2005 Product of the Year by the publishers of *Internet Telephony Magazine*.

### SIP and H.323 Protocol Capable- Enhanced Interoperability Support

DirectVoIP Broadband leverages iBasis' extensive VoIP interoperability and interworking capabilities with a broad range of VoIP infrastructure equipment. DirectVoIP Broadband enables operability to multi-vendor gateways, gatekeepers, proxy servers, session border controllers, softswitches, IP phones and PC-phone applications, which have been DirectVoIP certified. DirectVoIP Broadband provides enhanced call signaling control and conversion using standards-based protocols such as SIP and H.323, thus allowing a large array of IP phones and PC-phone applications to operate effectively with the iBasis network.

### SIP Interconnect Authentication and VoIP Codec Transcoding

DirectVoIP Broadband provides industry-standard SIP authentication between iBasis and service provider networks along with codec conversion from G.711 and other popular high-quality voice codecs to G.729 and G.723 codecs which may be incorporated into IP phones, ATAs, PC clients, and other VoIP applications and networks.

### A Global Distributed Session Border Controllers (SBC) Architecture

Regional hubs and ingress points are geographically distributed to enable broadband service providers to interconnect directly and efficiently, thus providing localization of regional traffic flows. Multi-protocol capability, device interoperability, network-to-network SIP authentication, and transcoding capabilities are provided through iBasis facilities and demarcation points around the globe using SIP proxies, Session Border Controllers, and transcoding systems within the network ingress points.

Service providers also benefit from iBasis proprietary technologies—Assured Quality Routing® (AQR) and IP PathEngine™, which deliver consistently high quality and high call completion.

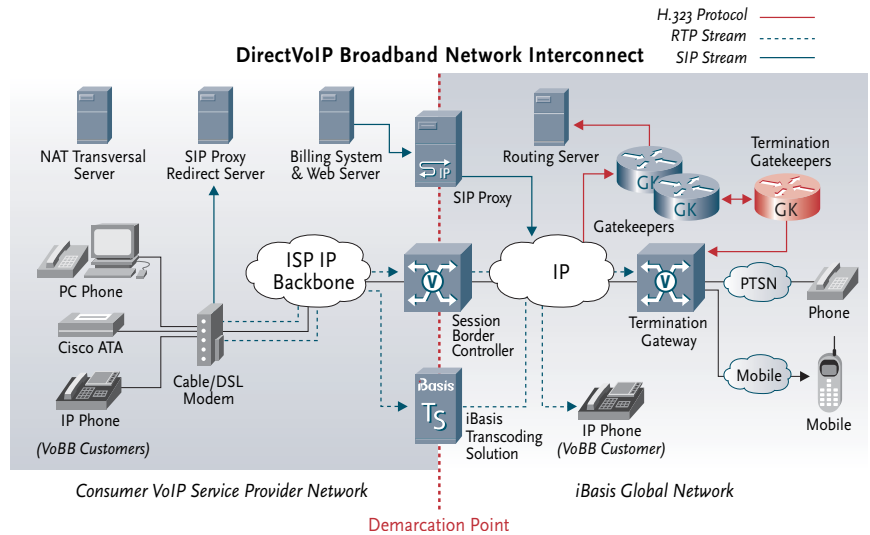
## iBasis DirectVoIP™ Certification

Through vigorous lab and field testing, the iBasis DirectVoIP certification program assures that VoIP devices from specified vendors have been proven to interoperate/interwork with the iBasis Network, thereby simplifying the process of interconnecting to the leading international VoIP network. The program tests a wide variety of VoIP network elements and devices such as gateways, IP phone and PC-phone clients, session border controllers and softswitches. The list of DirectVoIP Certified equipment and current transcoding capabilities and codec support is updated on the iBasis website. In addition, iBasis technical experts and engineers assist with hands-on interoperability certification, testing and design of customers' networks and capability.

## About iBasis

Founded in 1996, iBasis (NASDAQ: IBAS) is a leading wholesale carrier of international long distance telephone calls and a provider of retail prepaid calling services, including the Pingo® web-based offering ([www.pingo.com](http://www.pingo.com)) and disposable calling cards that are sold through major distributors and available at retail stores throughout the U.S. iBasis customers include many of the largest telecommunications carriers, including AT&T, Verizon, China Mobile, China Unicom, IDT, Qwest, Skype, Telecom Italia, and Telefonica. iBasis carried more than 11 billion minutes of international voice over IP (VoIP) traffic in 2006, and is one of the largest carriers of international voice traffic in the world<sup>1</sup>. The Company can be reached at its worldwide headquarters in Burlington, Massachusetts, USA at 781-505-7500 or on the Internet at [www.ibasis.com](http://www.ibasis.com).

<sup>1</sup> Telegeography 2007 compared with iBasis 2006 traffic volume.



## The iBasis DirectVoIP Checklist

- ✓ Designed exclusively for Consumer VoIP providers
- ✓ Highest quality voice services at competitive prices
- ✓ Global Distributed SBC Architecture
- ✓ SIP Interconnect Authentication and VoIP Codec Transcoding
- ✓ 2005 Product of the Year — *Internet Telephony Magazine*



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