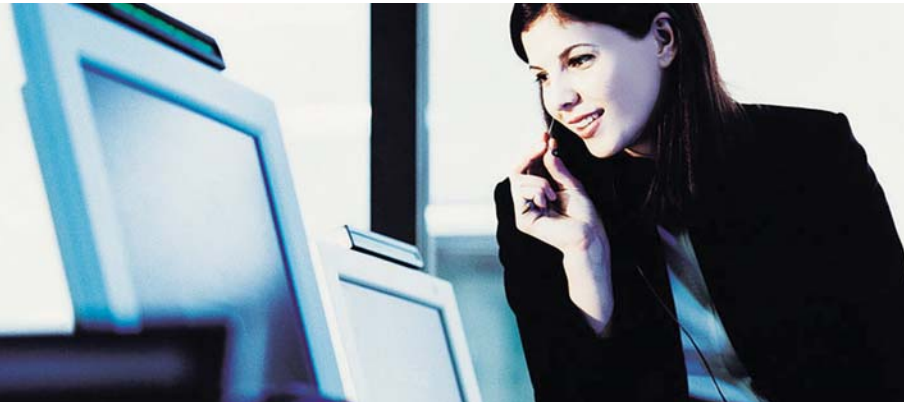


DirectSIP™ Advanced Capabilities for Innovative Voice Services



Secure, highly-available SIP Interconnections with premium voice termination.

Wholesale Click-to-Call.

Multi-codec support simplifies media interworking with VoIP devices and applications.

iBasis' DirectSIP is an advanced portfolio of wholesale SIP services that helps service providers bring new voice applications to market quickly, cost-effectively and with unsurpassed quality and scale. iBasis realizes that today's service providers rely on their international voice termination partners more than ever for high-quality voice and advanced protocol and interconnect support. The iBasis Global Network is ideally positioned to provide retail quality voice termination throughout the world coupled with iBasis' DirectSIP services, which include DirectSIP Interconnect, DirectSIP click to call and DirectSIP Transcoding.

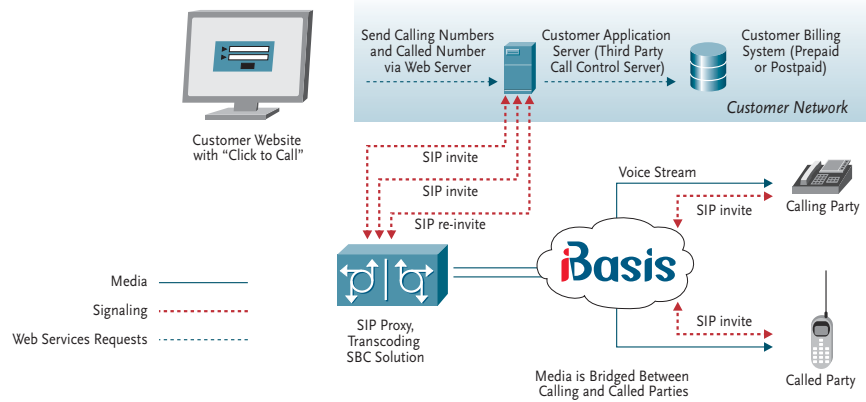
DirectSIP Interconnect

The iBasis DirectSIP Interconnect provides highly available, redundant connectivity to the iBasis Global Network through SIP proxies and session border controllers deployed in the iBasis' Internet Central Offices. SIP is the protocol of choice for customers and providers interconnecting to the iBasis Global Network, because it allows for rapid deployment with greater redundancy and reliability compared to traditional TDM interconnects.

iBasis continues to develop and implement advanced SIP interconnect capabilities and technologies, enabling customers to deliver application-rich voice services. The iBasis Global Session Border Controller (SBC) architecture enhances security and improves voice quality with regionally-optimized media routing. iBasis engineers its network to the highest standards and the latest SIP RFCs in support of advanced SIP applications. Additionally, iBasis' technical teams are on hand to provide technical support during the interconnect process.

DirectSIP Click to Call

DirectSIP Click-to-Call is designed to supply service providers with network interconnect capability that includes the connection and bridging of media associated with two-leg call request. The iBasis Global Network supports media bridging via SIP re-invites which optimizes the RTP media path and provides the highest quality voice service over an IP network. Media normalization (transcoding) is also available within the call flow on one or both legs of the call, if required.



Call flow for the DirectSIP Click-to-Call Application

DirectSIP Transcoding

iBasis expands its multi-codec capabilities as part of its core global network, eliminating the need for transcoding at the edge of the customer network. Integrated with our advanced session border controller architecture, the media normalization process is completed in real-time to provide cost effective, high-quality international call termination. As a result, iBasis enhances retail VoIP consumer economics while allowing providers to send all their international traffic, regardless of codecs, to a single network provider: iBasis.

The proliferation of voice codecs keeps pace with new devices and methodologies to generate voice traffic. Carriers and Enhanced Service Providers using VoIP select particular codecs that are best suited for their underlying transport mediums. In order to accommodate this diversity, the iBasis Global Network supports the following codecs:

- G.711 μ -law 64 kbps
- G.711 A-law 64 kbps
- G.723.1 5.3 kbps
- G.723.1 6.3 kbps
- G.726 32 kbps
- G.729 8 kbps
- G.729a 8 kbps
- G.729b 8 kbps
- G.729ab 8 kbps
- iLBC
- GSM-FR

As the need for additional codec support evolves, iBasis continues to work with vendors, solution providers and service providers to monitor the pulse of voice compression technology and to add to its growing list of capabilities. Regardless of the codecs, service providers get the same high quality that enabled iBasis to become a leader in international voice traffic.

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 and enhanced services for mobile operators. In October 2007, iBasis acquired KPN Global Carrier Services to create one of the three largest carriers of international voice traffic in the world, and KPN became a majority stockholder of iBasis. On a pro forma basis, the combined company carried 24 billion minutes of international voice traffic in 2007.



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