

DirectVoIP™ Direct IP Interconnects for Global VoIP Traffic



Secure, highly-available
Global VoIP network.

Cost-effective and Scalable
VoIP Interconnects.

Protocol agnostic
interconnection with
industry-leading
interoperability.

With DirectVoIP, carriers can quickly implement direct IP interconnects to the iBasis global network for high quality and highly efficient worldwide call termination. By choosing iBasis DirectVoIP, carriers benefit from the lower capital and operational costs of VoIP and leverage iBasis' operational expertise, proprietary call routing and IP quality management technology and vendor relationships.



Superior Quality

DirectVoIP allows carriers and service providers to leverage iBasis' operational expertise in deploying IP to IP interconnections and also to benefit from iBasis proprietary technologies—PathEngine™ and Assured Quality Routing® (AQR), which deliver consistently high quality while ensuring high call completion.

At the IP transport level, PathEngine monitors the performance of the redundantly-deployed Internet links between the iBasis Internet Central Offices. Data is continuously collected about latency, packet loss and jitter. This data is fed real-time into AQR to ensure the best IP route to the particular call destination.

Other factors, in addition to the IP quality, are evaluated to find the best supplier for termination. Average call duration, call completion ratio, protocol support, supplier capacity, supplier stability and other metrics are used in real-time to choose the best route.

iBasis Internet Central Offices are located strategically all over the world, which allows savvy customers to route their traffic to the closest iBasis ICO. Regionalized call routing minimizes latency and improves voice quality. With the iBasis DirectSIP™ offering, the iBasis global network also provides media bridging for the shortest media connection from origination to termination.

The net result for iBasis customers is quality for international voice termination that is amongst the highest available in the market today.

Fast and Simplified VoIP Interconnections for International Voice Traffic Exchange

With DirectVoIP, VoIP deployments are completed and activated within several days, in contrast to weekly interconnect times typically seen with TDM telecommunications carriers. DirectVoIP facilitates improved operational support, making IP interconnects easier to maintain and monitor for high quality of service.

Cost-effective and Scalable VoIP Interconnects

Carriers and service providers are fully realizing the cost savings of migration to VoIP: DirectVoIP eliminates the need for increased capital expense associated with fixed TDM circuits, local loops, digital cross-connect switches and gateway ports in global interconnect facilities and data centers. A VoIP-based network allows for significant cost reductions.

Enhanced Interoperability

DirectVoIP leverages iBasis' interoperability with a broad range of VoIP infrastructure equipment. DirectVoIP facilitates operability with multi-vendor equipment and systems such as gateways, gatekeepers, proxy servers, session border controllers, softswitches and IP phones, which have been DirectVoIP Certified. DirectVoIP also provides enhanced call signaling control using standards-based protocols such as H.323 and SIP.

DirectVoIP Certification

The objective of iBasis DirectVoIP certification is to provide carriers with the assurance that VoIP equipment from certain vendors has been proven to interoperate with the iBasis network, thereby simplifying the process of interconnecting to the leading international VoIP network. The program is composed of leading telecom hardware and software providers whose VoIP infrastructure equipment, including gateways, gatekeepers, softswitches, session border controllers and SIP protocol proxies, have been tested in the engineering interoperability laboratory at iBasis and/or in field trials.

Current certified platforms can be found on the DirectVoIP web page: http://ibasis.net/services/directvoip_platforms.htm

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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