

Premium Voice IPX **Our IP Networking Advantage** is Your Competitive Advantage



Secure,
premium quality,
international voice

Reduce Opex and
Capex

Increase revenue
opportunities

Streamline network
operations

Key Features and Benefits

- IPX multiservice connection—reduces capex and opex for premium quality international voice service
- Delivered over private IP network—information security enhances customer confidence
- MPLS class of service support—allows traffic prioritization for real-time services
- Employs high quality direct routes—ensures longer call duration for revenue generation
- Utilizes iBasis' acclaimed Premium Voice (PV) service for traffic to off-net destinations—generates revenue with high rate of call completion to over 240 countries and territories
- End-to-end IP transport—eliminates costs and quality impacts of IP to TDM conversions for voice services

Helping Service Provider Transition to IP

Many telecommunications Service Providers are evaluating a transition to all-IP infrastructures to deliver existing and new services because IP provides much greater cost savings and operational flexibility than legacy TDM infrastructures. However, their aspirations to transition high quality services, such as international voice, to IP have been hampered by:

- the quality restraints of transporting real-time services over the public Internet, and
- the lack of internal expertise in transitioning the services to IP.

A Powerful Combination

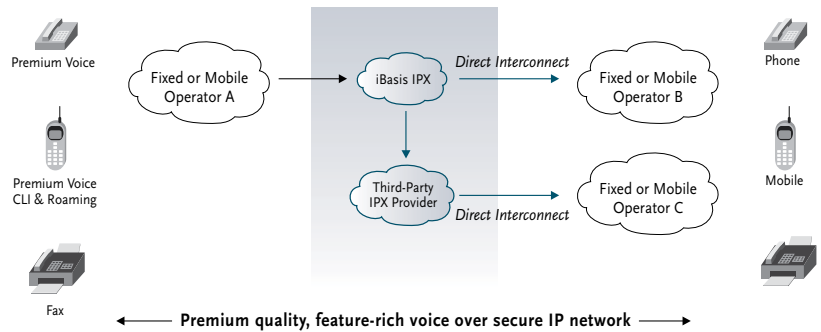
The iBasis high quality, feature-rich and secure Premium Voice over IPX (PV^{IPX}) service, delivered over our multi-service IPX transport network, is the answer. PV^{IPX} combines the features of iBasis' PV service with the power of the iBasis IPX network. Like PV, PV^{IPX} delivers the same advanced features—CLI, Fax, ISUP2, ISDN and mobile roaming, among others—while leveraging the quality and security of iBasis' GSM-based IPX network.

iBasis is the World Leader

iBasis has more than 15 years of expertise in implementation and operation of international VoIP technologies and networks. We carry more than 24 billion minutes of international voice traffic annually, approximately half of which is VoIP. As your partner in the transition to IP, our experts are available to guide you through the technical and commercial aspects of implementing an end-to-end IP interconnect for premium voice services.

Advanced Features

- Guaranteed CLI (including CLIP and CLIR)—Destinations available upon request
- Fax and ISDN—Destinations available upon request
- Roaming—Supporting international voice traffic on roaming number ranges (MSRN) to all mobile destinations
- OCN and RDN



Interoperability

- SIP (RFC 3261) or SIP-I signaling (ITU-T Q.1912.5 Profile C). SIP-I is required for advanced feature support.
- Codec - G.711 (u/alaw)
- DTMF - RFC 2833 and/or inband G711 (u/alaw)
- ISDN – RFC 4040
- Fax - T30 (TDM), T38 (IP), G711 and Clarent

Customer Support and Quality Assurance

- PV^{IPX} is offered with extended quality guarantees and is routed and proactively tested through dedicated procedures.
- Priority in customer support
- GSMA-specified SLAs
- 24/7 customer service desk
- Central network management with 24/7 quality and network monitoring
- Real-time monitoring of GSMA-specified key performance indicators such as delay, jitter, ASR and NER
- Proactive and regular testing on advanced feature delivery

iBasis IPX network

The iBasis IPX network is a global, multiservice IP network that delivers high quality voice and data services for fixed and mobile operators as well as ISPs, content providers, and other service providers. The network covers over 240 countries and territories worldwide. It is built on KPN International's global MPLS network, providing high reliability and global reach through managed IP connectivity. Based on industry specifications and recommendations developed by the GSM Association (GSMA) and i3 Forum, the network ensures high quality through direct routes and security through physical and logical separation from the public Internet. Quality of Service is agreed to on a per-service basis according to four classes of service ranging from real-time, with the highest possible guarantees on throughput and latency, to best effort, for delay-tolerant applications. For service providers that are looking to capitalize on the growing demand for global multimedia services, the iBasis IPX provides a converged interconnect, an ecosystem that is far more efficient and commercially viable for interconnecting the growing number of carriers, operators and content providers.

About iBasis

A wholly-owned KPN company, iBasis is a leading international voice carrier and a provider of retail prepaid calling services and data services for mobile operators. The company offers a comprehensive portfolio of voice termination services and data services, including messaging, signaling and roaming, for many of the world's largest fixed and mobile operators, as well as "over-the-top" and voice-over-broadband service providers. iBasis customers include KPN and its mobile operators, KPN Mobile, E-Plus, and KPN Belgium, and more than 1,000 other providers, including Verizon, Vodafone, China Mobile, China Unicom, Skype, TDC, Telecom Italia, and Telefonica. The company can be reached at its worldwide headquarters in Burlington, Mass., USA at +1 781-505-7500 or on the Internet at www.ibasis.com.



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