

PREMIUM VOICE OVER IPX

Our IP Networking Advantage is your
Competitive Edge



As telecommunications Service Providers transition to IP infrastructures, they have been hampered by the quality restraints of transporting real-time services such as voice over an IP network and the lack of internal expertise in transitioning the services to IP.

HELPING SERVICE PROVIDERS TRANSITION TO IP

The iBASIS high quality, feature-rich and super-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' acclaimed Premium Voice 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' GSMA-based IPX network. In addition, PV IPX also supports iBASIS' HD Voice feature, which gives end users the ultimate experience for high-quality voice service.

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. 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.

INTEROPERABILITY

- SIP (RFC 3261) or SIP-I signaling (ITU-T Q.1912.5 Profile C). SIP-I is required for advanced feature support
- Voice Codec—G.711 (μ A-law)
- HD Voice Codec: AMR-WB (G.722.2), G.722

KEY BENEFITS

Supports both HD Voice and traditional voice—flexibility to meet end-user needs

Delivered over private IP network—security enhances end-user confidence

Class of Service (CoS) support for real-time service prioritization

High quality direct routes—ensures longer call duration for revenue generation

Utilizes iBASIS' acclaimed Premium Voice service for break-out destinations—reaching over 240 countries and territories and achieve higher rate of call completion for revenue generation

End-to-end IP transport—eliminates costs and quality impacts of IP to TDM conversions for voice services

BE THERE FIRST

Looking for a customized solution?

Talk to one of our specialists
at solutions@iBASIS.net.

- DTMF—RFC 2833 and/or inband G711 (μ /A-law)
- 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

AVAILABLE OVER THE iBASIS IPX

The iBASIS IPX is a single “universal” multi-service IP interconnect for LTE signaling, S8/GRX, S8 Home Routed (S8HR), VoLTE, Premium Voice, Voice over IPX (VoIPX), SMS, and SS7 signaling. It provides a robust platform for the development of new innovative mobile services.

The iBASIS IPX 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 a growing global footprint that includes all active LTE and GSM mobile operators and provides high reliability, security and global reach through managed IP connectivity. Based on GSMA specifications, the network ensures high quality and security through physical and logical separation from the public Internet.

ABOUT iBASIS

iBASIS is the leading communications solutions provider enabling operators and digital players worldwide to perform and transform. Powered by Tofane Global, iBASIS represents an estimated USD 1+ billion in annual revenue, is the third largest wholesale voice operator, ranks as the Top 3 LTE IPX vendor with 660+ LTE destinations and serves 1,000+ customers across 18 offices worldwide. iBASIS optimizes access, connectivity, and value-added solutions, so customers achieve high return on voice, mobile data, and IoT requirements to be first in their respective markets and in the digital era.

ADVANCED FEATURES

HD Voice (including conferencing)

Guaranteed CLI (including CLIP and CLIR)—Destinations available upon request

Roaming—Supporting international voice traffic on roaming number ranges (MSRN) to all mobile destinations

OCN and RDN

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