

## LTE SIGNALING EXCHANGE

Making LTE Work Globally



Consumers expect connectivity anytime, anywhere, exponentially driving up bandwidth demand. Connectivity to worldwide mobile LTE operators is essential to providing your subscribers with seamless roaming services; but, wide variances in implementation standards and interworking between networks are complex, often resulting in delayed return on operator investment.

### THE LTE SOLUTION

The iBASIS LTE Signaling eXchange (LSX)<sup>™</sup> service provides a single point of access to the international 2G, 3G and 4G signaling network, including nearly all active LTE and GSM mobile operators, without your need for investment in physical infrastructure. Operating on a global MPLS network, your services run over a proven, full multi-service IPX network, resulting in maximized roaming profits and best-in-class connectivity worldwide for your customers.

### SERVICE SNAPSHOT

The LSX allows mobile operators to connect to hundreds of downstream operators through a single interconnect. It normalizes messages to enable interworking and interoperability for each roaming partner and interworks with existing SS7 networks.

For operators looking to capitalize on the growing demand for global multi media services, the iBASIS LSX provides a converged interconnect and an efficient and commercially viable ecosystem for interconnecting the growing number of LTE operators.

### LSX CONNECTIVITY OPTIONS

The iBASIS LSX Service offers customers connectivity through direct IP connectivity (leased line circuits). This connectivity option provides customers with high-availability, full resilience, physical path diversity (redundancy), local tail and long-haul IP transport, traffic balancing and load sharing (where applicable).

### KEY BENEFITS

Provides maximum worldwide reach and service availability through Open Peering Policy

Unlocks revenue advantages due to shorter time-to-market

Cost and time-to-market reduction through delivery via true multiservice iBASIS IPX

Ensures internationally consistent high-speed mobile data experience for end-users

Provides simplicity through a one-stop-shop for all your international signaling needs, technical and commercial

Seamless interconnection thanks to a dedicated team that ensures customized implementations

### BE THERE FIRST

Looking for a customized solution?

Talk to one of our specialists at [solutions@iBASIS.net](mailto:solutions@iBASIS.net).

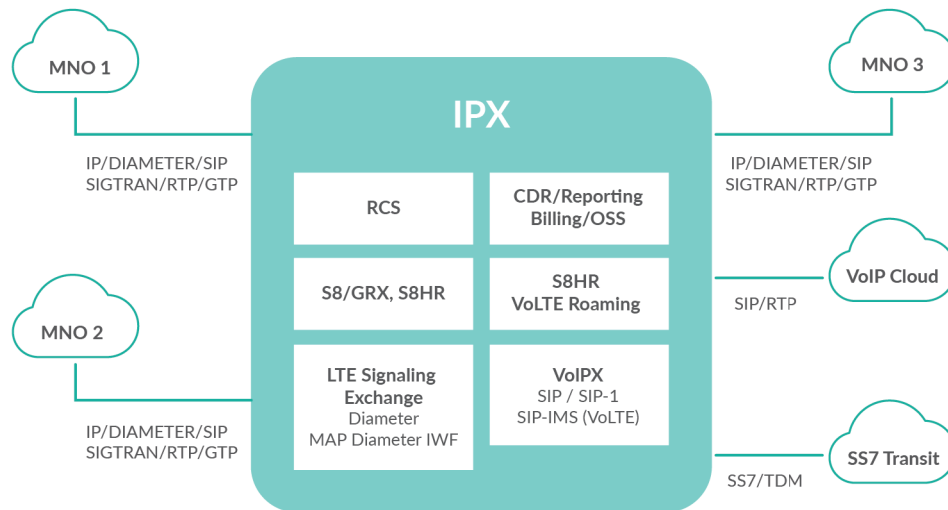
## A HIGH STANDARD OF QUALITY

iBASIS offers a standard SLA with recognized key quality metric parameters within the network. This SLA is tracked through monthly reporting that summarizes our network performance, and our global network operations center is available to assist on a 24/7 basis.

## AVAILABLE OVER THE iBASIS IPX

The iBASIS LSX service uses the iBASIS IPX, 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.



## THE iBASIS LSX FEATURES

- Maximum World Wide LTE reach
- Interworking with 2G/3G networks
- Allows Diameter Routing and Mediation, Topology Hiding, and Signaling Accounting
- Subscriber Mobility Management, Policy Control, and Charging
- Hosted DRA functionality
- Powerful Monitoring, Alarming and Reporting tools through InVision™
- Approximately 100 worldwide PoPs through KPN International
- Best in class SLAs based on GSMA-recommended parameters and redundant DRAs in all continents
- 24/7 Customer Support

## 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.

## CORPORATE HEADQUARTERS

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