

## GRX/S8 DATA SERVICE

Maximize your Global Data and VoLTE  
Roaming Profits



Consumers are expecting connectivity everywhere and all the time, driving mobile data traffic volumes to astronomical heights. Falling international data wholesale prices and increasing bandwidth demand has made LTE the fastest-growing mobile technology ever. Are you ready?

### PAVE THE WAY TO AN ALL-IP LTE WORLD

iBASIS GRX/S8 Service prepares you for a data-centric future. Our advanced IP technology will help you maximize mobile data profits, and provide multiple paths to an all-IP LTE network, including moving to a full multi-service IPX.

### GRX/S8: A SERVICE SNAPSHOT

At its core, the iBASIS GRX service is a secure and scalable interconnect with maximum worldwide reach to data networks. We expanded that option, assembling a comprehensive GRX/S8 solution, ready for multi-service IPX and LTE, and supported by flexibility in both business models and implementation. The iBASIS GRX/S8 service includes (but is not limited to):

- Secure, easy and scalable interconnect via leased line or IP VPN via Internet
- Online reporting and performance management
- Root DNS service
- GSMA S8 Home Routed (S8HR) roaming, with enhanced features that address S8HR implementation challenges, for Voice over LTE (VoLTE)\*
- Best in class SLAs based on GSMA-recommended parameters and redundant infrastructure in all continents
- Approximately 100 worldwide GRX PoPs through KPN International
- 24/7 Customer Support

### KEY BENEFITS

Maximum World Wide Reach

Ensures internationally consistent high-speed mobile data experience for end-users, boosting LTE take-up

Simplicity through a one-stop-shop for all your data and VoLTE roaming needs, technical and commercial

Ensures mobile data and VoLTE roaming profitability by out-of-the-box cost of ownership efficiencies

Enables fast time to market for VoLTE roaming conforming to the S8 Home Routed model

Future-proof investment due to clear evolution towards a full-service IPX and LTE

### BE THERE FIRST

Looking for a customized solution?

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

- Standard off-the-shelf contracts
- After-sales GRX service management & consulting
- Integration within multiservice IPX for voice, signaling, data & messaging

The iBASIS GRX is engineered in full compliance with all relevant GSMA standards and recommendations, including those for classes of service and security.

\*See the iBASIS Enhanced VoLTE S8HR Data Sheet for further details.

## GRX/S8 CONNECTIVITY OPTIONS

The iBASIS GRX/S8 Service offers customers two options for connecting to our GRX/S8: dedicated IP connectivity (IPX or leased line circuits), and secure VPN (IPsec) connectivity over public IP networks. Both connectivity options provide customers with high-availability, full resilience, physical path diversity (redundancy), local tail and long-haul IP transport, traffic balancing and load sharing (where applicable). The IP VPN access option is often used as backup access to a dedicated connection.

## 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.

## CORPORATE HEADQUARTERS

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