

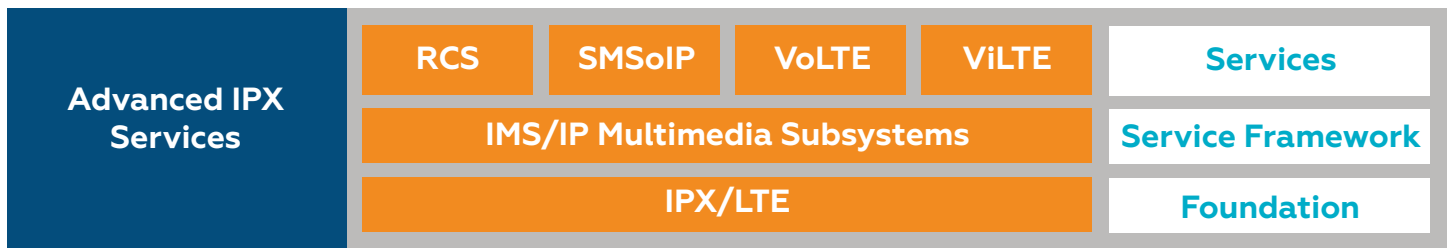
Is your network prepared to offer new advanced services for roaming and interconnection?



## Syniverse Advanced IPX Services

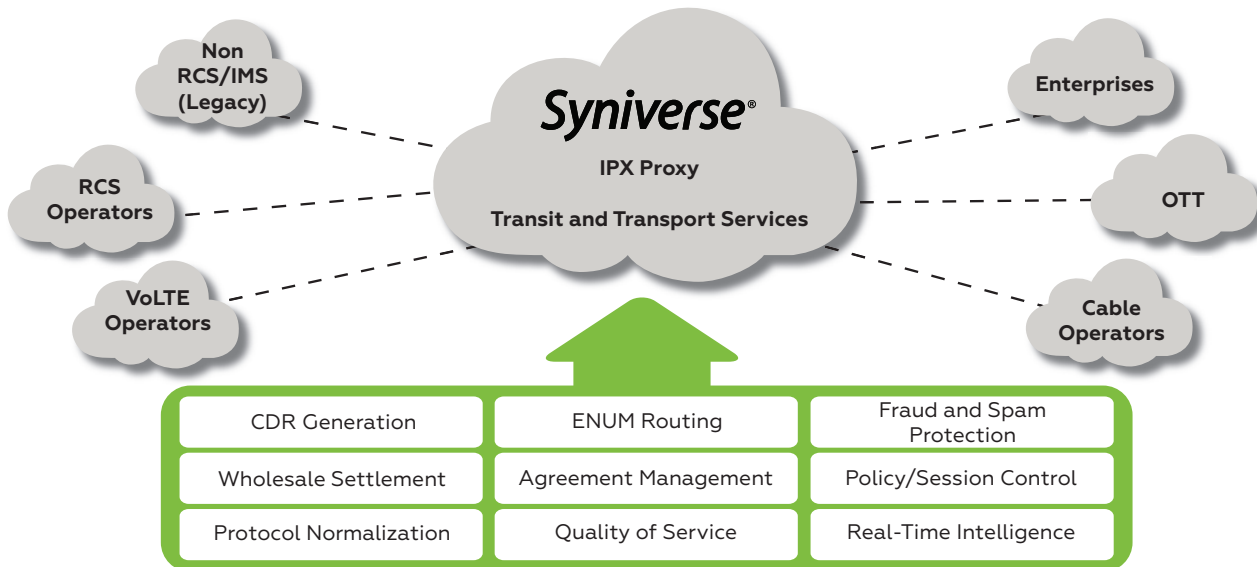
With the rapid adoption of 4G/LTE-based smart devices and the growth of services that rely on high speeds, mobile network operators need to ensure their networks can interconnect with other mobile operators around the globe and support roaming subscribers with data, voice and video calls over LTE.

**Syniverse's Advanced IPX Services**, based on our leading IP multimedia subsystem (IMS) interworking function, helps you seamlessly implement next-generation, end-to-end interconnection and roaming services with minimal infrastructure costs and a full set of features designed to allow for optimal voice, messaging, and data transport, and a superior user experience over LTE.



## Benefits

- Allows you to generate additional service stickiness by offering customers end-to-end IP-based services, including voice, messaging, data, and RCS over 4G LTE networks.
- Increases reach, spanning a network of global operators through a single, highly controlled, secure, and efficient private network.
- Ensures customers enjoy a high-quality experience with guaranteed quality of service (QoS) and end-to-end class of service (CoS).
- Supports next-generation services that require a broad array of network interconnections and expanded bandwidth needs.
- Ensures secure connections, guaranteeing a high level of transmission quality and delivering high-quality VoLTE interconnect and roaming options.





## Features

- Advanced IPX Services - Offer new, differentiated mobile services over LTE to your subscriber base while roaming or connecting to other VoLTE and ViLTE subscribers located globally.
- IPX Network - Provides the ability to offer superior high definition voice and video services over LTE with expanded bandwidth while specifying the appropriate quality of service, cost of service and security controls. Through Syniverse's IPX network, mobile operators gain access to the largest network of global mobile operators supporting VoLTE and ViLTE service through a redundant connection to Syniverse.
- Interworking Function - Implements Session Initiation Protocol (SIP) normalization and codec mediation to ensure voice data is successfully sent and received on different networks.
- Global ENUM - Provides access to a global number portability database with operator-specific response mechanisms.
- Session and Policy Control - Offers roaming control through bandwidth utilization and black- and white-listing options.

## How It Works

Built on the Syniverse IPX network and connecting the largest LTE footprint of global operators, Syniverse's Advanced IPX Services offer an IPX proxy with IMS, supporting VoLTE, ViLTE, messaging, and RCS services via interconnectivity and roaming scenarios. With the Syniverse's IPX network, you gain extended reach and interworking with the flexibility to quickly implement VoLTE roaming through home routing, local breakout, and VoLTE interconnections while simplifying the complexity and interoperability of different IMS and RCS implementations.

**Syniverse®**

*We make mobile work*





## Additional Features

- IPX-guaranteed quality of service for IMS services, providing premium bandwidth
- Class-of-service remapping
- SIP header manipulation
- SIP interworking function
- Transcoding
- Protocol normalization and interoperability
- Global ENUM for IP-based routing for telephone numbers
- Reporting includes protocol-level monitoring and reporting for troubleshooting
  - Network performance
  - Voice key performance indicators
  - Roundtrip delays
  - Voice traffic reports

## Related Products

**Diameter Signaling Service** - Supports high data roaming volume with a single, scalable Diameter peer implementation for all Diameter interconnections.

**Network Monitoring and Alerting** - Provides a powerful window into our SS7 and IPX networks. With this online information management tool, you gain the ability to gather and monitor roaming information to help troubleshoot customer problems and detect fraud. And with our powerful and flexible Internet access, you can obtain information and respond virtually anytime, anywhere.

**User Experience Management** - Creates a performance improvement synergy across the retail, wholesale and quality spheres of your roaming business, providing the ability to prevent bill shock, offer retail pricing plans, and intelligently manage bandwidth.

**Get Started Today!**

Syniverse is a global mobile solutions specialist that connects more than 1,500 mobile service providers and consumer companies in nearly 200 countries. We specialize in enabling the world's mobile users to connect with each other regardless of device, network or location. Our advanced cloud-based solutions deliver superior user experiences through always-on services and real-time engagement. For more than 25 years, we have been simplifying complexity to deliver the promise of mobility – a simple, interoperable experience, anytime, anywhere.

[Contact us today](#) for more information or visit [www.syniverse.com](http://www.syniverse.com) to learn more.

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