syniverse

Private Wireless Solution

Enabling localized cellular networks, giving businesses capacity, security, insight and privacy while interconnecting between private and public networks.

Overview

Private cellular networks are purpose-built to meet the needs of businesses driving towards digital transformation. From communication to automation, these networks increase efficiency and decrease costs while leveraging built-in security, mobility and reliability that support mission-critical operations. The continued expansion of IoT and the multitude of devices supported within confined areas will drive the need for localized networks that are equipped with increase bandwidth and speed capabilities.

Private Wireless – Private Network Enablement

Syniverse provides a standards-based private wireless solution that facilitates the implementation of a local cellular network while providing unique end-to-end connectivity through a secure backhaul transport to a global network of operators and cloud providers via a trusted IPX network. Syniverse's Private Wireless solution delivers exceptional quality of service, along ultra-security, policy control, network visibility, international SIM provisioning, messaging, robust charging and clearing, and support for 5G.

Syniverse's Private Wireless Solution enables Service Providers to use a combination of Syniverse-hosted, managed customer-premise, and Evolved Packet Core ("EPC") network elements in conjunction with a Radio Access Network (RAN) consisting of eNodeB wireless access point devices providing access to private 4G LTE cellular coverage within the customer premise.
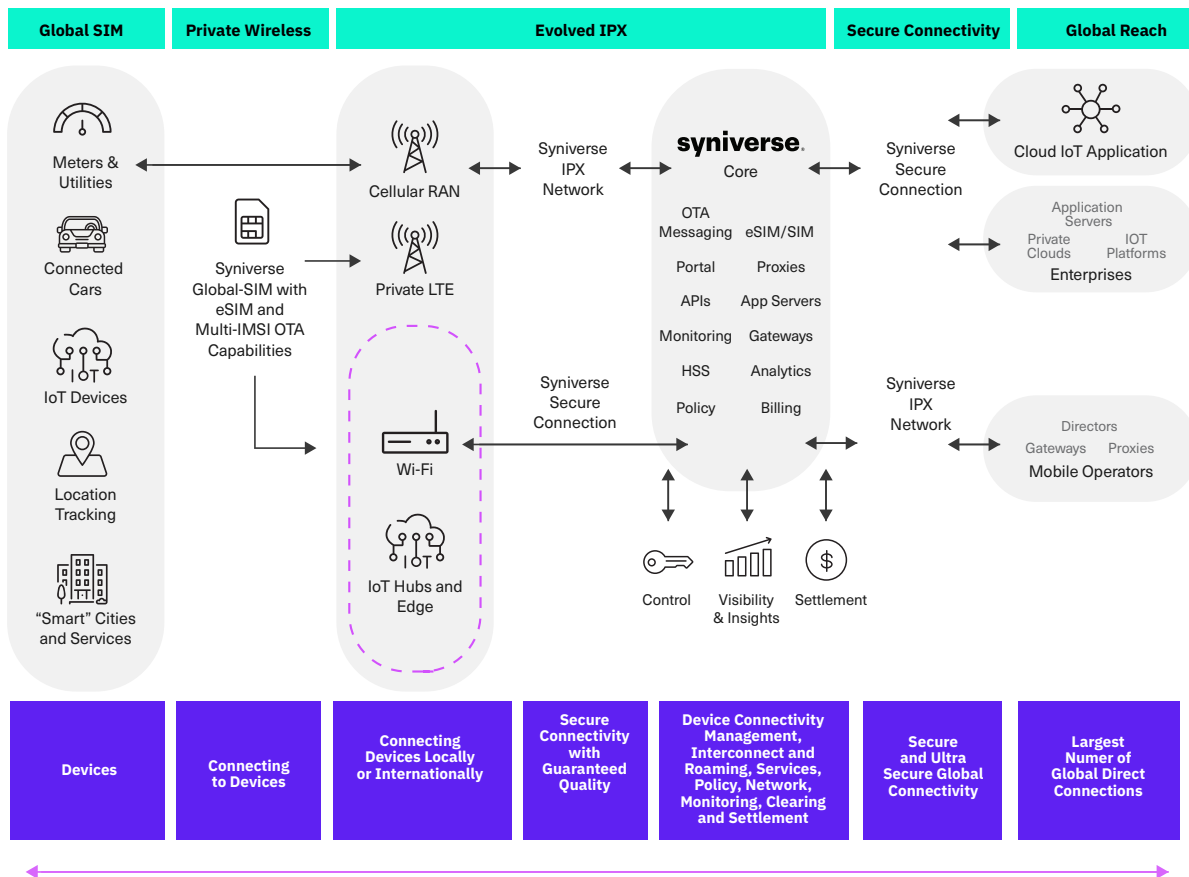
Private Wireless Solution provides:

- Secure global LTE reach via proprietary network signaling leveraging Private Wireless and Global SIM
- A software-based extension of Syniverse's global network ecosystem for mass IoT communications with use of Secure Global Access (SGA)
- A cloud-based Core Communications Networks provides global reach and superior Policy controls with use of Syniverse Mobile Policy Control Center (MPCC)
- An easy-to-use portal for superior control of device management, reporting, analytics and billing. Open standards API support to integrate into your existing management layer
- The intelligent use of private network resources with the flexibility to effortlessly roam onto global public cellular networks
- Improving stability and service innovation through a 5G Signaling Controller built on a robust cloud platform, providing intelligent flow control and multi-level redundancy while guaranteeing network availability, preventing network congestion and service disruption caused by signaling storms
- A redefinition of wholesale billing and charging processes with Universal Commerce, allowing operators to capitalize on the unprecedented growth of IoT and 5G use case deployments happening on a global scale.

Delivering Your Connected Vision
Unique advantages of the world's most connected company.

Global SIM	Private Wireless	Evolved IPX	Secure Connectivity	Global Reach

Meters & Utilities

Connected Cars

IoT Devices

Location Tracking

"Smart" Cities and Services

Syniverse Global-SIM with eSIM and Multi-IMSI OTA Capabilities

Cellular RAN

Private LTE

Wi-Fi

IoT Hubs and Edge

Syniverse IPX Network

Syniverse Secure Connection

syniverse
Core

OTA Messaging   eSIM/SIM
Portal   Proxies
APIs   App Servers
Monitoring   Gateways
HSS   Analytics
Policy   Billing

Control   Visibility & Insights   Settlement

Syniverse Secure Connection

Syniverse IPX Network

Cloud IoT Application

Application Servers
Private Clouds   IOT Platforms
Enterprises

Directors
Gateways   Proxies
Mobile Operators

Devices	Connecting to Devices	Connecting Devices Locally or Internationally	Secure Connectivity with Guaranteed Quality	Device Connectivity Management, Interconnect and Roaming, Services, Policy, Network, Monitoring, Clearing and Settlement	Secure and Ultra Secure Global Connectivity	Largest Numer of Global Direct Connections

Syniverse Private Wireless enables:

- Flexible White labelled solution
- Connectivity Management Platform, with REST API support
- Private Wireless Network solution, including EPC and regional P-Gateways
- Private connections to ensure security and extend services to the cloud
- Global services with pre-established international roaming agreements
- Rich features such as Private APNs, customizable Policies and Public Internet avoidance

Why Syniverse?

Unlike other vendors, Syniverse is the only company able to successfully develop a cohesive suite of products designed to offer a complete one-stop-shop solution for businesses looking to efficiently and cost effectively integrate new services that will support both current and next generation mobile communications, as well as open opportunities to generate improved customer experiences and increased revenues.

Syniverse is a leading global provider of unified, mission-critical platforms enabling seamless interoperability across the mobile ecosystem. Syniverse makes global mobility work by enabling consumers and enterprises to connect, engage, and transact seamlessly and securely. Syniverse offers a premier communications platform that serves both enterprises and carriers globally and at scale. Syniverse's proprietary software, protocols, orchestration capabilities and network assets have allowed Syniverse to address the changing needs of the mobile ecosystem for over 30 years. Syniverse continues to innovate by harnessing the potential of emerging technologies such as 5G, IoT, RCS and CPaaS for its customers. **www.syniverse.com**

We make
mobile work®

syniverse®