TNS Data Services Roaming Hub

Simplify Global Connectivity While Reducing Network Complexity

The TNS Roaming Hub seamlessly enables operators to expand their domestic and international footprint while maximizing the network effectiveness with total transparency and flexibility. Simplify your roaming strategy with a single agreement over a single, efficient and secure connection. Easily launch roaming services by configuring network routing through a public mobile network once, regardless of how many roaming partners are added.

Service Components

IPX-based service hub - features end-to-end QoS across the IPX for low latency, high throughput for Signaling (SIP, Diameter) and Bearer traffic. TNS provides a one-stop-shop for base and value-added services necessary to rapidly achieve ROI on your LTE investment.

Centralized contract - with only one contract to sign, TNS sets up and manages multiple roaming agreements streamlining your roaming operations.
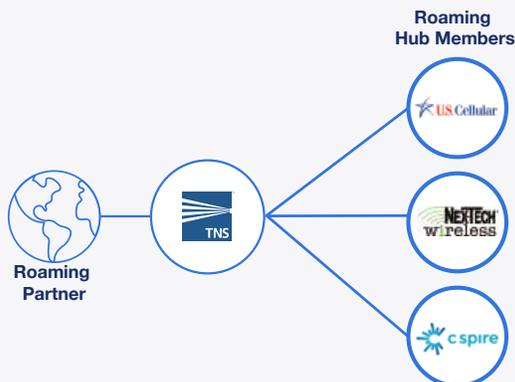
Centralized implementation and launch - managed service that provides IREG, TADIG, CLL through the TNS operations center.

Benefits of Centralized Roaming

- Multi-lateral roaming allowing faster time to market for VoLTE, 4G and 5G services

- Footprint of unique reach in US markets and most traveled international locations

- Connectivity to operators and roaming partners

- Less resources needed for launching services and contract management

- Bi-lateral or multi-lateral IoT discounts

- Guaranteed GSMA compliance

Benefits of Centralized Roaming

Features

Single roaming agreement - With only one contract to sign, TNS sets up and manages multiple roaming agreements streamlining your roaming operations

Supports efficient, Voice over LTE (VoLTE) - Delivers better voice quality and enables roaming to and from 4G LTE without circuit-switched fall back to 3G and associated QoS impacts

Transparency - Network visibility, no aliases, BAU roaming and interworking

QoS - End-to-end QoS across an IPX-based hub for low latency, high throughput for signaling (SIP, Diameter) and bearer traffic

Clearing house - Optional add-on service for data clearing and financial clearing from state-of-the-art platforms with real-time visibility

Benefits

Quality of experience - Maximize the use of the fast and efficient hub available

Competitive advantage - Offering roaming for lucrative roaming traffic and, attracts application providers and content partners that foster innovation

Simplicity - Connect to a roaming ecosystem that supports scale, interoperability and reduced complexity. Includes monitoring, web-based reporting, roaming, clearing and settlement

Helps minimize operational costs - Flexibility to use the lowest-cost access network available

Optimize roaming revenues - Maximize the use of your investment by enabling operators to roam onto your network

Helps reduce roaming complaints - Let your subscribers opt-in/opt-out and control their data consumption

The Most Trusted Partner for Solutions for Telecommunication Carriers or Providers

TNS addresses the evolving needs of network operators around the globe. As the industry evolves to IoT and 5G technologies, TNS leads the development of solutions to help carriers navigate a host of infrastructure complexities and maximize their network reach through the creation of unique multi-service hub solutions.

Find out more about how TNS can help you with a wide range of telecom solutions:

solutions@tnsi.com
tnsi.com

USA	+1 703 453 8300
Europe	+44 (0)114 292 0200
Asia Pacific	+61 2 9959 0800