



PRODUCT SHEET

TNS Voice Transit

Single SIP Interconnect Provides Global Call Routing

The TNS Voice Transit service leverages the TNS secure and scalable network to enable originated and terminated voice call routing between wireless, wireline and cable operators.

High Quality Connectivity

TNS' Voice Transit service simplifies global connectivity by decreasing network complexity and can guarantee high-quality, end-to-end voice services over private, secure and efficient connections. Extend voice reach through a preferred Internet Packet eXchange (IPX) connection with TNS and simplify your voice peering relationships. Not ready for IPX, connect to TNS over VPN or SIPoTLS to access the same benefits. No need to source a managed gateway to convert VoLTE/SIP into TDM and benefit from delivering IP calls end-to-end.

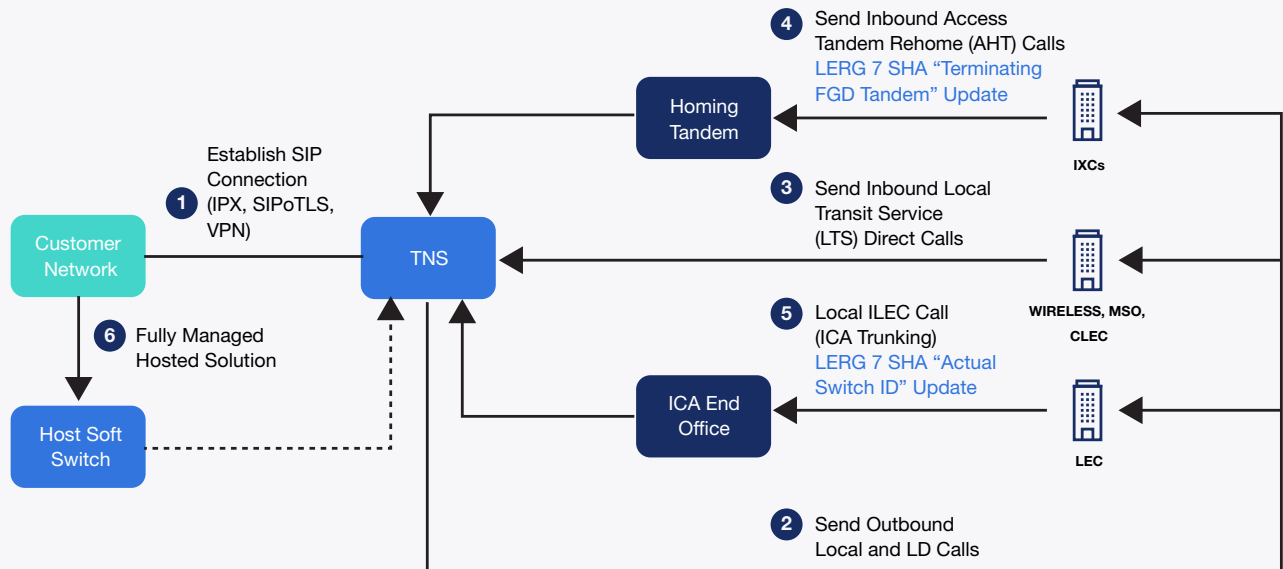
Leverage the TNS one-to-many market advantage through a variety of flexible connectivity options to meet most connectivity preferences and multiple choices for network design including network transport type, topology, quality of service (QoS), load balancing, and redundancy.



The TNS Advantage in Voice Transit Solutions

Utilize your robust, high-quality IPX and other options to connect with TNS Voice Transit. We make it easy and affordable to start a new service, bundling all your carrier services which can reduce network complexity and cost.

The TNS differentiator – single provider to handle all your solution sets including STIR/SHAKEN, fraud protection, call authentication, E911 and much more. Come talk to us!





Features



Robust global network - Connect to all other voice networks with redundant access to multiple PoPs.



Carrier-grade voice routing - Leverage TNS' market-leading Session Border Controllers and robust Network Routing Directory.



Voice traffic monitoring - IP network monitoring and traffic analysis with real-time and historical reporting.



Low latency - TNS connects directly to your site, network issues are identified and resolved without delay.



Tandem Rehome - Eliminate dependency on costly LEC interconnects.



Interoperability - Resolve SIP messaging incompatibilities with voice peers.

Benefits



Reduced cost - Evolution to an all-IP network eliminates the cost of TDM circuits and operation of legacy switches.



Multiple interconnect models - IPX, SIPoTLS, VPN options provide resiliency, security and flexibility.



Send and receive signed calls - Leverage the TNS Call Guardian Authentication Hub to comply with FCC mandated STIR/SHAKEN standards.



OPEX model - Cloud-based solution that scales to any sized network.



Access to professional services - Subject matter experts providing regulatory, tariff and other complex telecom consulting.



Premier help desk support - World-class 24/7 support.

Transition from Legacy TDM Trunking

Your network still relies on legacy TDM trunking to connect with the ILEC (Incumbent Local Exchange Carrier).

TNS Solution:

TNS' Voice Transit Tandem Rehome Service eliminates the need for TDM by connecting you directly to TNS' all-IP network, reducing complexity and enhancing efficiency.

Expanding Outbound Traffic Capacity

Your customers' outbound traffic is currently sent over TDM tandem trunks with limited capacity, potentially causing bottlenecks as your customer base grows.

TNS Solution:

By connecting to TNS Voice Transit over IPX, you can route calls through an all-IP network, offering better connectivity with best-in-class carriers. This also allows you to easily scale your call paths without the delays associated with expanding TDM trunks.

Simplifying Vendor Management for Multiple Solutions

Managing multiple vendors to deliver a full suite of voice services (such as STIR/SHAKEN, voice call analytics, fraud protection, etc.) is complex and inefficient.

TNS Solution:

TNS' Voice Transit solution consolidates many of these services under a single provider, reducing the burden of vendor management while ensuring comprehensive service coverage within a unified, streamlined platform.

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

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