



TNS Voice Transit + Product Suite

From Transaction Network Services

A Smart and Simple Way to Transform Voice Infrastructure

As regulatory demands rise and legacy systems reach end-of-life, providers need a modern voice solution that's more than just functional - it must be scalable, secure, and compliant. TNS Voice Transit + delivers a comprehensive suite of fully managed services that help carriers, enterprises, and service providers transition from TDM to IP with confidence. From foundational voice services and emergency routing to fraud prevention, analytics, and unified communications, each solution is engineered to streamline operations, reduce cost, and ensure readiness for what's next.

Whether you're replacing aging switch infrastructure, modernizing UC platforms, or improving customer trust through branded calling and AI-powered protection, Voice Transit + equips you with the tools, support, and flexibility to future-proof your voice network - one phase at a time.



Compliance & Emergency Services



Built for providers needing to meet regulatory standards and deliver critical public safety support.

Abbreviated Dialing Codes

Provides support for abbreviated dialing codes and compliance-driven routing scenarios

- Help reduce infrastructure costs while enabling accurate location-based routing
- Supports 211, 311, 511, 711, 811, and 988 services
- Supports S8HR for HPLMN use cases

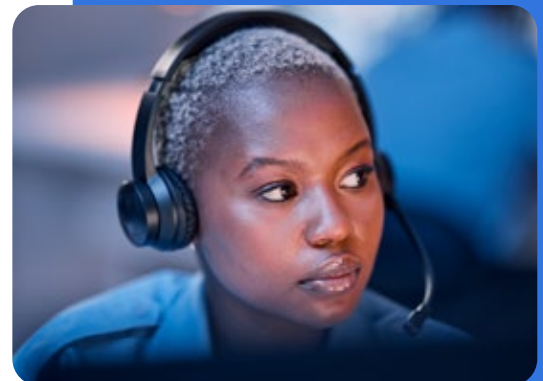


Designed to enhance connectivity and regulatory readiness

Emergency Services

Designed to support compliant, resilient emergency voice communication

- NG911- compliant routing
- Wireline and wireless coverage
- Built-in redundancy and geographic distribution
- Helps reduce 911- related infrastructure costs



Engineered to support dependable communication during critical moments

Core Voice Services



Ideal for carriers seeking foundational inbound and outbound voice capabilities with scalable connectivity.

Outbound Dial

Supports high-performance outbound voice services with global reach and network efficiency

- Supports domestic, International, toll-free, and long-distance voice traffic
- Helps reduce routing complexity through high-volume network efficiency
- Supports redundancy and geographic diversity
- Supports scalable and reliable call delivery



Designed to help maintain service continuity during modernization efforts

Inbound Dial

Supports inbound call handling while helping to modernize infrastructure and manage costs

- Helps eliminate the need for TDM facilities through tandem rehome
- Supports number retention to maintain service continuity
- Helps reduce operational costs and RBOC dependency
- Supports IP migration strategies



Promotes growth for organizations without compromising voice quality

Transactions

Supports flexible signaling and number intelligence for accurate call routing and integration

- Supports 8YY and LNP lookup functionality
- Supports REST, SIP, ENUM and TCAP
- Supports trunk signaling
- Can help optimize real-time call flow
- Supports integration with multi-protocol environments



Helps improve routing precision and interoperability across diverse networks

Professional Services

Provides access to telecom expertise for regulatory and operational support

- Includes AOCN, BIIRDS, Tariff, and consulting services
- Supports robocall mitigation planning
- Offers tailored consulting based on unique business needs
- Helps navigate complex compliance and transformation initiatives



Delivers hands-on support to align with business timelines and goals

Roaming Services

Supports global roaming and traffic optimization through scalable interconnectivity

- Provides IPX reach to 800+ mobile operators
- Supports roaming hub and clearing house billing
- Created to aid in enable fraud mitigation and messaging control
- Provides real-time analytics via Roamer View



Designed to help reduce roaming costs and improve the subscriber experience

Connectivity

Provides secure, flexible options for voice network connectivity across geographies

- Supports IPX or VPN-based transport
- Leverages 500+ global Points of Presence (PoPs)
- Supports QoS configurations for varying performance requirements
- Designed to provide carrier-grade reliability



Works to refine seamless interconnection across modern voice environments

Managed Gateway

Supports signaling and voice migration from TDM to IP with platform flexibility

- Supports conversion of legacy voice infrastructure to IP
- Includes platform and signaling management
- Designed for both small and large-scale networks
- Helps reduce migration friction and complexity



Supports long-term voice service evolution with broad compatibility

UC Modernization



*Designed for service providers
transitioning from legacy infrastructure
to IP-based environments.*

UCaaS

**Supports migration from legacy switches to
cloud-based unified communications platforms**

- Includes Hosted PBX (HPBX) and SIP Trunking
- Helps replace Class 4 and 5 voice platforms
- Supports NECA and ILEC compliance
- Designed to help simplify operations and support scalable growth



**Developed to allow for future-ready voice
service delivery across enterprise and
carrier environments**

Enterprise Identity & Trust



Helps businesses improve answer rates, protect brand identity, and secure outbound call delivery.

Enterprise Services

Helps improve engagement and deliver trusted voice interactions

- Displays name and logo to enhance transparency
- Supports improved answer rates and brand recognition
- Helps block spoofed calls using zero-trust principles
- Supports out-of-band authentication for verified call traffic



Helps strengthen brand trust and improve outbound call performance

Call Authentication & Validation

Supports carriers in meeting regulatory requirements and delivering trusted voice communications through robust call authentication

- Supports IPNNI-based end-to-end STIR/SHAKEN implementations
- Helps meet FCC robocall mitigation standards
- Enables zero-trust authentication across leading US carrier networks



Helps identify spoofed calls, support regulatory compliance, and enhance transparency across voice traffic

Analytics

Helps carriers apply real-time intelligence, call labeling, and risk-based treatment to enhance network protection and subscriber trust

- Ingests billions of data points daily for comprehensive visibility
- AI Labs supports predictive threat detection and anomaly identification
- Call Guardian® delivers fraud risk scoring to help prioritize mitigation
- Allows for real-time call labeling and dynamic treatment based on threat level
- Supports voice biometrics and SMS anomaly detection for multi-channel defense



Helps protect networks and improve operational efficiency through intelligent insights

Robocall Protection & Network Security

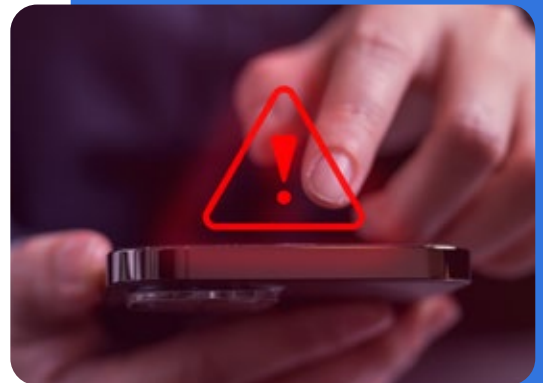


Engineered to protect subscribers and networks from unwanted traffic through proactive threat mitigation.

Mobile App

Provides secure, app-based control over unwanted calls and messages

- Filters robocalls, spoofed calls, and spam
- Empowers users to manage unwanted messages and malicious links
- Supports messaging compliance and fraud prevention
- Facilitates user feedback to refine message accuracy



Built on TNS Call Guardian intelligence, this solution helps address fraud, phishing, and message pollution across voice and messaging.

Protection Services

Offers advanced security capabilities to combat robocalls and spoofing

- Includes AI-based voice authentication tools
- Supports detection of deepfake voice patterns
- Supports STIR/SHAKEN validation
- Helps reduce fraud exposure and support regulatory alignment



Designed to empower secure, authenticated communication across voice environments

Whether you're replacing legacy TDM or exploring phased IP migration, TNS can help. Learn more about Voice Transit + solutions by contacting us at:

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