

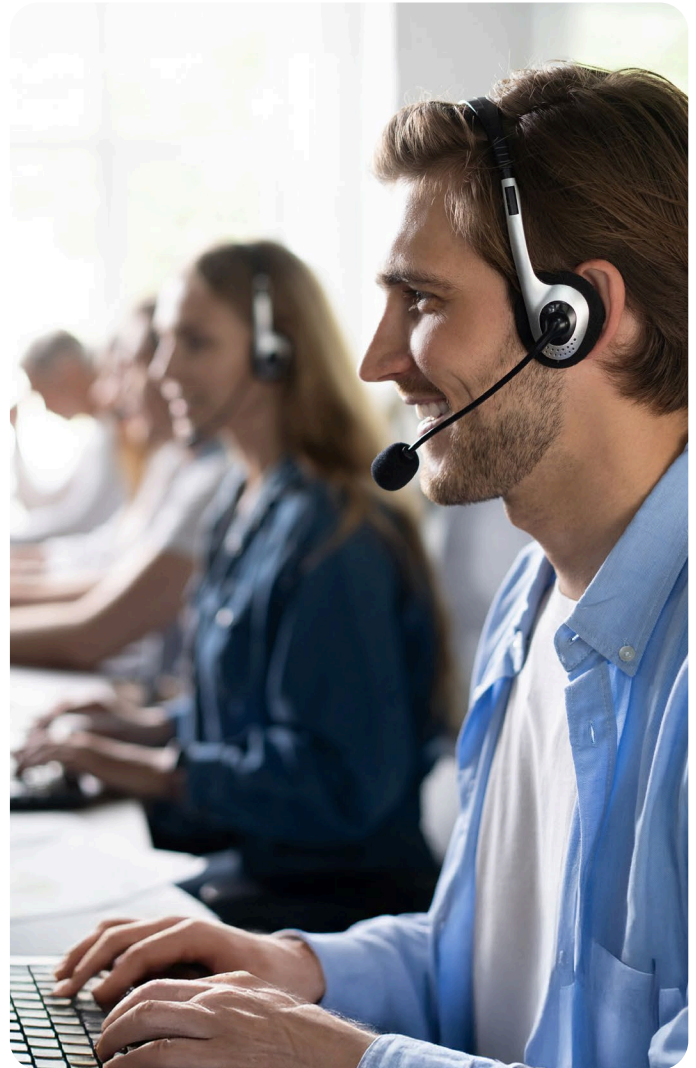


PRODUCT SHEET

TNS Enterprise Voice Security

Zero-Trust Security for Inbound Voice Networks

TNS Enterprise Voice Security (EVS) is comprised of two AI-powered applications built to defend enterprise voice networks against spoofing, robocalls, Telephony Denial of Service (TDoS) attacks and impersonation fraud into their contact centers. Designed for enterprises with high inbound call volumes, Enterprise Voice Security enables secure, trusted communication by detecting, redirecting or blocking high-risk traffic in real time. With built-in risk assessment, passive caller authentication and dynamic call vetting, Enterprise Voice Security supports a zero-trust security model while reducing friction for legitimate callers. Powered by insights from over 1.5 billion daily call events across 500+ carriers, it helps businesses stay resilient and act with confidence. Enterprise Voice Security is particularly valuable for organizations in finance, insurance, telecom, healthcare, retail, hospitality and government, or any industry where high inbound call volume and contact center operations make voice channels a critical customer touchpoint.



Two Core Services



TNS Voice Firewall

An advanced platform that functions as a firewall and intrusion prevention system. It enforces enterprise-wide call policies, uses Advice of Risk tagging to block or redirect suspicious traffic, detects anomalies in calling patterns and delivers detailed forensic reporting. This helps reduce fraud, protect agents from abuse and maintain continuity during voice-based attacks.



TNS Inbound Authentication

An orchestration-based service that verifies inbound calls using metadata and real-time scoring. It detects deepfake voice attacks, secures inbound traffic from spoofing and removes the need for knowledge-based authentication. This reduces handling time and improves the customer experience in high-volume contact centers.



Features



Helps detect and filter suspicious voice traffic

Analyzes every inbound call in real time to identify spoofed, spam and unwanted robocalls before they connect.



Provides real-time insights and forensic call reporting

Offers visibility into call traffic patterns, fraud attempts and mitigation outcomes across the enterprise.



Applies risk-based scoring and zero-trust call vetting

Uses metadata and behavioral analytics to evaluate caller legitimacy without creating friction for legitimate interactions.



Delivers passive caller authentication through IVR integration

Silently verifies callers using non-intrusive signals to reduce dependency on security questions known as knowledge-based authentication.



Supports dynamic threat mitigation and policy enforcement

Enables flexible rules to block, redirect or flag calls and sets risk levels based on enterprise preferences.

Benefits



Helps prevent impersonation fraud and spoofed calls

Blocks deepfake voices, spoofed numbers and unwanted robocalls before they reach the contact center.



Enables service continuity during high-risk voice attacks

Mitigates TDoS, call floods and toll fraud to deliver uninterrupted operations and voice availability.



Supports faster, frictionless authentication

Reduces handle time by verifying callers passively without relying on knowledge-based questions, establishing trust while improving agent efficiency and contact center performance.



A Trusted Partner

TNS combines decades of experience in call security with a future-focused approach to voice protection. Our solutions evolve with the threat landscape, helping enterprises stay ahead of robocalls, deepfakes and voice fraud. With a team of experts behind every deployment, TNS enables organizations to reduce risk, streamline operations and maintain trust across every customer conversation.

Find out 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