



PRODUCT SHEET

TNS Toll-Free Database Service

Tap into the large toll-free market while delivering top quality service to your subscribers

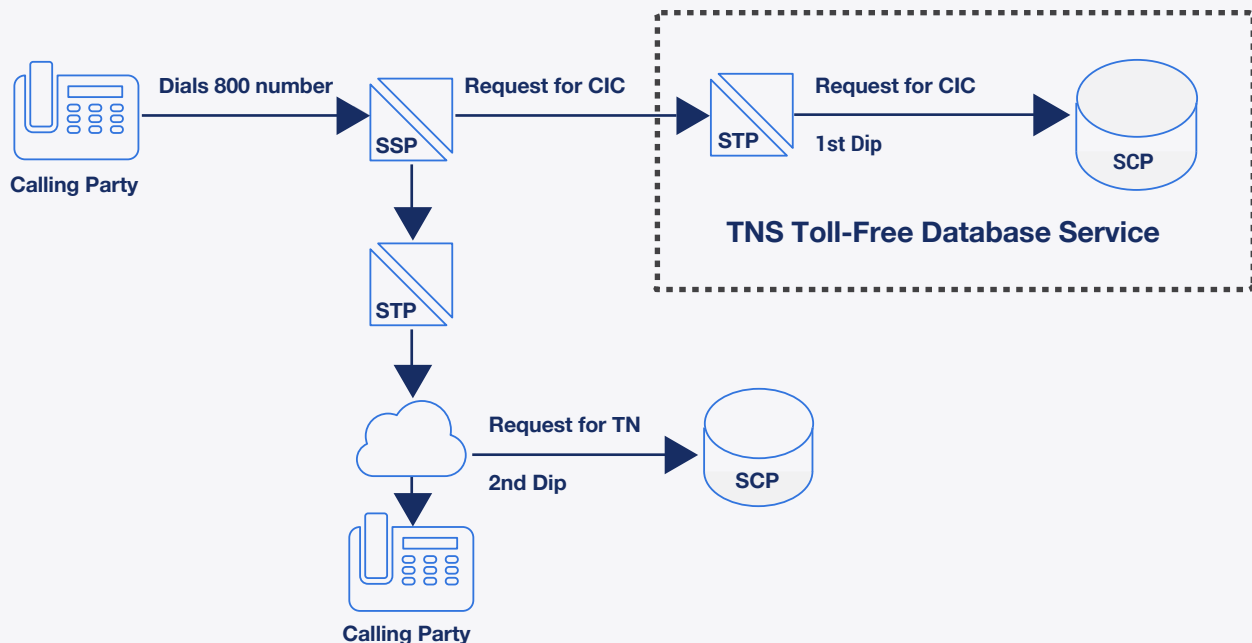
Access to the TNS Toll-Free Database Service enables local carriers to provide subscribers with access to 8xx numbers for toll-free call routing. With TNS you have a provider who can offer a full range of connectivity and database services and give you access to every toll-free number in the United States and Canada.

Greater Reliability and Link Diversity

At TNS, we own and operate our own toll-free platform (rather than using a third party), which ensures greater reliability. We also operate the largest independent Signaling System 7 (SS7) network in the world - which provides greater link diversity and reduces the points of potential network failure. We also operate a Global IPX network with multiple POPs worldwide. You can trust that our Toll-Free Database Service will connect toll-free subscriber calls seamlessly and swiftly.



8xx Transport Flow





When a Subscriber Calls a Toll-Free Number From Your Area

- Your switch receives the call and launches a query over the TNS SS7 network or via a secure IPSEC VPN over public Internet
- The TNS network routes the query to the Toll-Free Database Service and identifies the appropriate carrier for the call, and other routing information as needed
- The TNS network returns the response to your Service Switching Point (SSP) for correct call routing
- TNS offers an electronic monthly 11-50-86 data file that provides customers with a breakdown of query counts by long-distance providers
- Business intelligence reporting provides customers a view into their traffic patterns, identifying the carriers that own the toll-free numbers that customers' subscribers are calling

Features



Nationwide call validation and toll-free call routing - Full access to numbers in the United States and Canada; this service supports interstate, intrastate, inter-LATA and intra-LATA requirements



Access over IP protocols such as SIP and ENUM - To facilitate customers' move to all IP infrastructure



CIC override - By using CIC override features, you can reach directly to your destination without any intermediate carriers in the path thus saving costs and creating additional revenues



Detailed, web-based reporting - Includes monthly Carrier Identification Code (CIC) summaries on 8xx queries and enables accurate Carrier Access Billing



24x7x365 support - TNS provides ongoing customer support for setup, troubleshooting, referral, and billing inquiries 24 hours a day, 365 days a year



Local replica deployment option - Customer site deployment for high volume customers that is fully managed by TNS

Benefits



Reliability - TNS owns and operates a proprietary toll-free platform ensuring greater control over reliability and performance than a third-party source while providing access to every 800 number in the United States and Canada. TNS operates the largest independent Signaling System 7 (SS7) network in the world - enabling greater link diversity and reducing the points of potential network failure. Our IPX network provides cost-effective, reliable IP access to the database



Flexible service offering - Our proprietary application allows for flexibility in data loading and reporting, including monthly electronic 11-50-86 data files to use with your Carrier Access Billing System (CABS) for cost recovery. Toll-Free Database Services are accessible via traditional SS7, Signaling Transport (SIGTRAN), ENUM and SIP protocols, allowing for a cost-effective IP-based connectivity option



Full solutions provider - TNS is a single-source provider of a full range of intelligent network and database services, including SS7 signaling (ISDN User Part [ISUP] and Transaction Capabilities Application Part [TCAP] services), Calling Name (CNAM) and Line Information Database (LIDB) services, Toll-Free Database, and Number Portability

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

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