

SS7 Signaling Solution – FairPoint Communicates with TNS



Transaction Network Services (TNS) is the leading provider of network services designed to meet the needs of carriers operating current generation IP networks or traditional circuit switched networks

Background

FairPoint Communications was founded in 1991 to address the needs of those who live outside of America's metropolitan centers. Today, FairPoint Communications provides telecommunications services to more than 119 rural communities throughout 17 states.

Business Challenge

To support rapid expansion, FairPoint needed to partner with a telecommunications provider with unmatched Signaling System 7 (SS7) capabilities, and one that could provide top-tier services.

Solution

For these reasons, FairPoint Communications partnered with TNS. In addition to providing industry-proven infrastructure and security services for the Internet, TNS runs the largest private SS7 network in the world and provides telecommunications carriers with a

full spectrum of solutions in order to enable full-featured, secure, reliable communications.

TNS' SS7 network has direct access to all of the local access and transport areas of the Regional Bell Operating Companies (RBOCs) and major Incumbent Local Exchange Carriers (ILECs). In addition, TNS continuously monitors the network and can quickly switch routes as needed to keep carriers up and running.

When FairPoint Communications faced the challenge of complying with the new regulations concerning wireless number portability, the company used TNS' Number Portability (NP) services, which provide carriers with a single, secure Web interface with which to connect to all applicable Number Portability Administration Centers (NPACs).

Impressed with its services, FairPoint Communications turned to TNS for database services as well. It also took advantage of TNS' Line Information Database (LIDB) services, which allow carriers to provide services to subscribers for blocking select calls or validating account information.

Outcome

Bob Ingram, Senior Vice President of Operations and Engineering, FairPoint Communications said:

Currently, more than three quarters of our business is supported by TNS' network. The Number Portability services that TNS offers are a gigantic benefit for a company like us. We would not be able to afford to hire the expertise required to administer local number portability ourselves.

Because TNS is so well connected, we don't have to maintain relationships with other 800 database providers, which is much more efficient for us.

TNS makes our job easier from an engineering and operations perspective and allows us to be much more efficient in the way we conduct our business.



Transaction Network Services

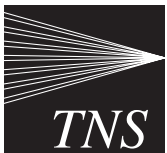
Why Choose TNS' SS7 Signaling Service?

Features and Benefits

- Provides innovative, comprehensive, mission-critical signalling and interoperability solutions.
- Interconnects with all significant SS7 networks nationwide, enabling MSOs and carriers to extend network reach.
- Provides a scalable solutions gateway to meet current and future telecommunications needs.
- Offers customized solutions to meet specific requirements.
- Simplifies deployment, accelerates time to market, and protects MSOs and carriers against continually increasing overhead and expense.
- Provides a complete suite of reliable, cost-effective solutions with a single point of contact for all services.
- Offers seamless access to intelligent databases to ensure proper call routing, caller name information, and toll-free number translation.
- Includes best-in-class network and service support with 24x7x365 network monitoring by TNS network professionals.



One Connection – A World of Opportunities



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