

# Pioneer Cellular Works with TNS to Establish LTE Roaming Network

## Business Challenge

Established in 1988, Pioneer Cellular serves customers in 47 counties in Oklahoma and 14 counties in southern Kansas, and provides nationwide coverage through roaming alliances with national carriers. In 2016, Pioneer Cellular wanted to significantly expand its LTE coverage and offer new 4G roaming opportunities to subscribers.

## Solution

Pioneer Cellular has joined the TNS LTE Roaming Hub, gaining access to a large, seamless footprint that extends across the US and many international areas including Europe and the Asia Pacific region.

TNS is also providing Pioneer Cellular with a range of professional services, including vital network monitoring capabilities, which will ensure full integration between the TNS LTE Roaming Hub and Pioneer's domestic core as well as optimize performance.

As well as connections between members, TNS' LTE Roaming Hub provides access to the CCA Data Services Hub which is powered by TNS.

## Outcome

**Jerry Kadavy, VP of Network Operations at Pioneer Cellular, said:**

*"We are excited to be expanding our LTE service to subscribers. Working with TNS is a highly efficient and effective way of accessing and managing relationships with multiple carrier networks."*

*"TNS has been a trusted supplier for many years, helping us strengthen our CDMA business with TNS' proven technology and talented team. In addition to the subscriber benefits, joining TNS' LTE Roaming Hub positions us to gain inbound roaming revenues from a wider array of carriers, including many non-traditional roaming partners we have not supported previously."*

# Why Choose TNS LTE Data Services Hub?

Unlock the benefits of LTE with advanced roaming services, one-to-many and many-to-one commercial relationships, and innovative new services to monetize your network and device investments.

LTE deployment has reached a tipping point. Operators deploying individual LTE networks need to tie them together into a larger, seamless footprint. To do so requires advanced Roaming and Interoperability solutions. At the same time, commercial models must be streamlined and improved. Simplify your roaming strategy now with a well-equipped partner backed by 15+ successful years managing high-quality IP networks and Roaming Services.

## Features

- **Managed interoperability and multilateral roaming agreements** – 4G to 3G/2G interoperability between LTE and legacy networks, with a broad range of opportunities to find and implement new roaming business.
- **Hub break out** – leverage the TNS Hosted PDN Gateway to optimize and route bearer traffic to and from the internet without costly and complex bilateral Local Break Out implementations.
- **Policy applications** – allows usage to become service- and quality-aware with the ability to charge for innovative new service types such as Toll-Free or Sponsored Data.
- **Supports efficient, Voice over LTE (VoLTE)** – delivers better voice quality and enables roaming to and from 4G LTE without circuit-switched fall back to 3G and associated QoS impacts.

## Benefits

- **Quality of experience** – maximize the use of the fastest and most efficient available.
- **Competitive advantage** – offering LTE roaming early positions operators favorably for lucrative roaming traffic and attracts application providers and content partners that foster innovation.
- **Simplicity** – connect to a 4G roaming ecosystem that supports scale, interoperability and reduced complexity. Includes monitoring, web-based reporting, roaming clearing and settlement.
- **Minimize operational costs** – flexibility to use the lowest-cost access network available, whether LTE/3G/Wi-Fi.
- **Add LTE roaming revenues** - maximize the Use of your LTE investment by enabling LTE operators to roam onto your network.

## For More Information Please Contact Us Today!



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