



Making LTE Roaming Reality – Connect to TNS Data Services Hub to Power LTE

Business Challenge

Nex-Tech Wireless, owned by Nex-Tech Inc./Rural Telephone, Golden Belt Telephone and Mutual Telephone, is a premiere wireless provider offering high-tech wireless solutions to residents in 38 counties of central and western Kansas.

United Wireless is a wholly owned subsidiary of United Telephone Association, Inc. headquartered in Dodge City, Kansas. It was one of the first rural carriers in the United States to deploy a 4G LTE network and provides hosting services for other regional service providers.

With an extensive presence across central, western and southwestern Kansas, as well as coverage to 4 counties in Colorado, Nex-Tech Wireless and United Wireless wanted to expand their respective relationships with TNS to address their roaming needs. Together they wanted to take a huge step towards enhancing their subscriber's experience by geographically expanding their roaming capabilities to include LTE.

Solution

Through the CCA Data Services Hub, TNS will provide IPX services enabling both carriers to utilize the hub for LTE roaming across each other's regions. With these new agreements in place, TNS paves the way for both Nex-Tech Wireless and United Wireless to leverage the hub in establishing favorable agreements for both inbound and outbound LTE roaming with strategic wireless partners in the United States and international carriers looking to access the Nex-Tech Wireless and United Wireless footprint.

Outcome

Aaron Gillespie, Director of Operations Nex-Tech Wireless, said

"We are happy to be a part of the CCA Data Services Hub and see a bright future for carriers, like ourselves, with this solution."

Mike Laskowsky, United Wireless, said

"By joining the CCA Data Services Hub, we are able to significantly expand the reach and coverage of our own LTE footprint in a cost-effective and subscriber centric way. This new model of interconnection will help to ensure that we can bring to market LTE services faster, better, and more cost-effectively than previous 3G solutions."

Why choose TNS' LTE Data Services Hub solution?

Features

- **Managed Interoperability and Multi-lateral Roaming Agreements** – 4G to 3G/2G interoperability between LTE and legacy networks, with a broad range of opportunities to find and implement additional 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 quality of service 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 your LTE Investment by enabling operators to roam onto your network.



For More Information Please Contact Us Today!



USA +1 703 453 8300 **Europe** +44 (0)114 292 0200 **Asia Pacific** +61 2 9959 0800



tsdsales@tnsi.com



www.tnsi.com