

# James Valley Wireless Delights Subscribers with International Roaming Capabilities



## Business Challenge

James Valley Wireless has been a member of the CCA LTE Roaming Hub (Hub), powered by TNS, for over a year and has a number of agreements in place which provide for domestic LTE roaming outside of its South Dakota heartland. James Valley wanted to offer its subscribers international LTE roaming services for the first time ever.

## Solution

A new agreement extends James Valley's use of the Hub to cover a leading operator's Caribbean estate which includes 15 countries across the region.

The Hub provides wireless carriers with a large, seamless footprint via just one contract, helping to simplify an operator's roaming strategy and minimize operational costs. It supports efficient VoLTE and enables roaming to and from 4G LTE without circuit-switched fall back to 3G and the associated quality of service impacts. Hub Break Out optimizes and routes bearer traffic to and from the Internet without costly and complex bilateral Local Break Out implementations. Operators can also gain new revenues as members of the Hub by offering inbound roaming to others.

## Outcome

James Groft, CEO at James Valley, said:

**"Working with TNS and the CCA LTE Roaming Hub enables us to expand our footprint and reach an area which is popular with our subscribers as both a business and leisure destination. We estimate around ten percent of our subscribers need to be able to roam internationally so today's announcement is hugely significant for our business and helps us to meet their needs better and compete more effectively with the national operators."**



## Why Choose TNS LTE Roaming 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 of 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.

## About Us

### A Trusted Communications Partner

TNS is a leading global provider of Infrastructure-as-a-Service (IaaS) solutions to the communications, payments, and financial services markets. Established more than 30 years ago, its extensive portfolio of innovative, value-added services now supports thousands of organizations across more than 60 countries.

TNS addresses the evolving and mission-critical needs of network operators around the globe. As the industry evolves to IoT and 5G technologies, TNS leads the development of solutions to help carriers navigate a host of infrastructure complexities and maximize their network reach through the creation of unique multi-service hub solutions.

From small rural operators in the US to the largest multi-national carriers, TNS supports wireless and wireline operators in the US and globally. Supported by its 10 years of call identification experience, TNS Enterprise Branded Calling is an industry-leading solution that is integrated into major wireless networks.

**For More Information, Please Contact Us Today!**

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