

CONNECTIVITY

RAILWAY NETWORK SERVICES

Eutelsat is one of the world's largest satellite network operators and operates the only European-owned global low Earth orbit (LEO) system, the OneWeb constellation. We offer superfast satellite connectivity with very low latency, giving the best customer experience in satellite communications.

We are a business-to-business service provider, working with trusted Distribution Partners (DPs) to connect even the most remote locations around the world, deploying satellite communications as a simple and effective complement or alternative to fibre networks, including for enhanced back-up and resilience.

DATA PLANS TO SUIT YOUR NEEDS

We offer fixed data, unlimited data and pooled data plans as part of our comprehensive product portfolio. Our pooled data plans are designed to cater to rail businesses such as fleet operators that rely on cost-effective and scalable solutions to share data between multiple locations.

Our plans offer between 50Mbps and 150Mbps download speeds and between 2Mbps to 20Mbps upload speeds, with Service Level Agreement (SLA) guarantees wherever connection speed is critical.

WHY CHOOSE SATELLITE CONNECTIVITY

Satellite connectivity is a game-changer for the rail industry. It enables companies to grow and protect their business and transform how they move rolling stock, monitor operations or maintain infrastructure, whilst delivering passengers and crew to their destinations safely.

It is also a key driver behind customer satisfaction; more passengers want to stay connected for the duration of their journey, regardless of the distance or terrain.

Satellite connectivity works together with 4G, 5G and LTE to expand or enhance existing networks for both fixed as well as mobility applications.

KEY BENEFITS

Quick, easy and affordable to deploy

Traffic management that is tailored specifically for operational or passenger connectivity across the rail ecosystem

Standalone as well as seamless integrations with existing 4G/5G/LTE networks

Headquartered in Europe, compliant with European regulations & requirements, including data residency laws, operating under EU GDPR regulations

End-to-End encryption for data assurance, cyber security and resilience; you can be sure your data is delivered securely to where you want it to go

Hardware and installations designed for the rail environment, including ruggedized, compact user terminals for robust performance and low-cost maintenance



ROBUST HARDWARE

We work with world-class equipment manufacturers to produce reliable user terminals (UTs) for our seamless connectivity. Our low-profile, compact UTs can be installed in even the most constrained spaces and are designed to withstand harsh environments.

STRONG SERVICE-LEVEL AGREEMENTS AND MANAGED SUPPORT

We deliver our services through trusted Distribution Partners (DPs) around the world, and provide them with the tools, infrastructure, hardware, technical support and know-how they need to ensure rail operators and their customers get a steady, seamless connection on-the-pause or on-the-go.

DP contracts include Service Level Agreements (SLAs) and clearly defined commitments to service management and support as part of this valued relationship.

Eutelsat also provides access to digital products and APIs that allow DPs and customers the close, continuous monitoring of service, and visibility of network performance; important for operations that rely on predictable latency, high up-times and secured managed paths.

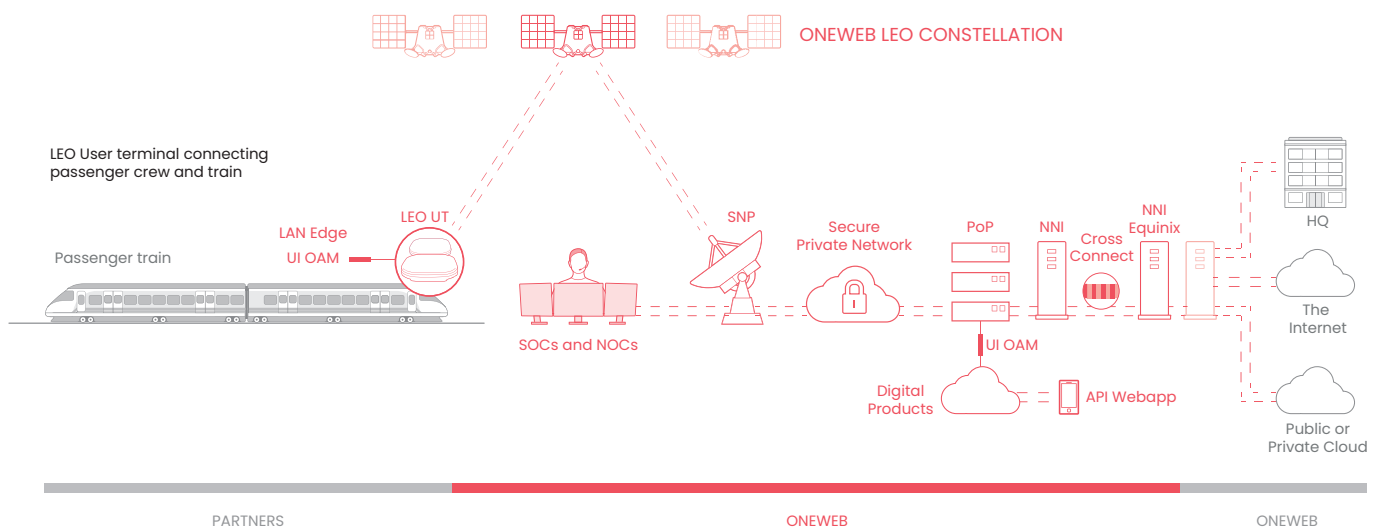


Watch our connectivity demo vehicle video on YouTube. Discover more about our robust solutions for comms-on-the-pause and comms-on-the-move connectivity.

USE CASES

- Secured capacity for connectivity onboard, mitigating risk of disruption as traffic congestion occurs
- Seamless connected experience for passengers and staff as they travel through different territories
- Digital surveillance, remote tracking & monitoring for safety and maintenance
- Electronic transport & shipping documents, including digital permits (e-permits). Also electronic customs procedures & customs transit

HOW SATELLITE SOLUTIONS WORK FOR THE RAIL ECOSYSTEM



For further information, please get in touch or tell us more about your use case requirements at www.eutelsat.com/enquiries

