
Queensland's rail network in Australia gets digital communication boost with MCX from FREQUENTIS

- **Digital Radio System will support safer and more reliable rail operations across the Sunshine Coast rail corridor**
- **Frequentis will provide mission-critical data and trackside gateway capabilities for secure, reliable digital train control**
- **Project lays foundation for ETCS over future railway communications (FRMCS) ahead of Brisbane 2032 Olympic and Paralympic Games**

The new Digital Radio System (DRS) will be deployed as part of Stage 1 of [The Wave](#), a transformative public transport and rail infrastructure programme connecting Brisbane and the Sunshine Coast, jointly funded by the Australian and Queensland governments. The Department of Transport and Main Roads (TMR), Queensland Rail and delivery partners are implementing the DRS to support the region's future growth.

South-East Queensland is one of Australia's fastest-growing regions, with increasing demand for reliable public transport connections. As the rail network expands and prepares for increased passenger numbers ahead of the Brisbane 2032 Olympic and Paralympic Games, Queensland is investing in new digital technologies to improve the capacity, reliability, and efficiency of rail operations.

The DRS will provide the mission-critical communications specified as FRMCS and needed to support Alstom's digital European Train Control System (ETCS) Level 2, helping enable secure, reliable and highly available data exchange between trains and railway infrastructure.

Frequentis will provide Future Railway Mobile Communication System (FRMCS) platform capabilities, as part of the communications work package delivered by UGL Transport together with Ericsson and Frequentis. This includes 3GPP Mission Critical Data services (MCData IP connectivity) and Trackside Gateway functions. The solution will establish an FRMCS-aligned foundation for the future evolution of Queensland's railway communications.

"This project will help to build a safer, more reliable, and future-ready railway in Queensland by providing the mission-critical communications required for digital train control. Frequentis is proud to create local jobs in Queensland and contribute its FRMCS expertise, supporting ETCS Level 2, while

helping to create a pathway towards next-generation FRMCS communications and services.” says Martin Rampl, Managing Director Frequentis Australasia.

About FREQUENTIS

Frequentis stands for a safer world. Our solutions are used in our customers' command and control centres to help them make the world safer.

Frequentis is a world leader in high-tech solutions for Air Traffic Management, supporting both civil and military air traffic control organisations, as well as Public Safety and Transport, where police, emergency rescue services, fire brigades, railways, coastguards, and port authorities rely on our extensive portfolio.

The listed family business based in Vienna, Austria, drives innovative and sustainable solutions for safety and security in everyday life and in the safety-critical sector. Its air traffic optimisation solutions for air traffic control centres are contributing to reducing emissions.

As a global player with about 2,900 employees (full-time equivalents/FTE), Frequentis has a worldwide network of companies in over 50 countries. Its products, services, and solutions are used in around 150 countries. Shares in Frequentis are traded on the Vienna and Frankfurt stock exchanges; ISIN: ATFREQUENT09, WKN: A2PHG5. In 2025, revenues were EUR 580 million and EBIT was EUR 47 million.

About FREQUENTIS Australasia

Frequentis Australasia Pty Ltd was established in 2004 and delivers and supports communication and information management solutions for air traffic management, defence, maritime, public safety and public transport organisations across Australia, New Zealand, Papua New Guinea, and the South Pacific Islands. Frequentis employs around 200 highly-skilled specialists in Australia at its premises in Brisbane, Sydney and Melbourne.

For more information, please visit www.frequentis.com

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