
FREQUENTIS implements MCX system trial for ÖBB

- **ÖBB-Infrastruktur AG is testing Frequentis MCX (Mission Critical Services) in the Austrian rail network to prepare for the transition to the Future Railway Mobile Communication System (FRMCS)**
- **The aim is to deliver an MCX system that provides equivalent performance to a live implementation**

Frequentis is supporting ÖBB-Infrastruktur AG (ÖBB) in conducting a trial of Mission Critical Services (MCX) as part of the transition to the Future Railway Mobile Communication System (FRMCS). MCX ensures real-time, reliable communication for essential operations, supporting safety and coordination in high-pressure environments in public transport. The trial aims to test the capabilities of the MCX system in real railway environments, ensuring that it meets the high-performance demands of future rail operations.

The trial allows ÖBB to explore and assess the integration of MCX technology into their future operations. With FRMCS being the next-generation standard for railway communications, this initiative is an important step in future-proofing ÖBB's communication infrastructure.

Frequentis will provide an end-to-end MCX solution, meeting international standards for mission-critical services. It includes a next-generation dispatcher, an interworking function to GSM-R and operational telephony (PABX), and handsets equipped with the necessary applications. The system integrates with ÖBB's existing GSM-R network and supports 5G handsets, ensuring seamless communication across all devices and platforms.

“It is really inspiring to be working with ÖBB, implementing the same advanced technology that forms the basis for the FRMCS,” says Tom Karl, Frequentis Vice President Public Transport. “Frequentis is also part of the European transition to FRMCS and we are pleased to be driving railway communication digitalisation forward.”

MCX provides railway operators like ÖBB with enhanced operational efficiency and improved safety for both staff and passengers in critical situations. This trial not only prepares ÖBB for the upcoming migration to FRMCS but also ensures a reliable, next-generation communication solution that boosts overall safety and efficiency across the rail network.

About FREQUENTIS

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

Frequentis' reliable communication and information systems are used around the world by civil and military air traffic control organisations (Air Traffic Management segment) and the police, emergency rescue services, fire brigades, railways, coastguards, and port authorities (Public Safety & Transport segment).

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

With a market share of 30%, this high-tech company is the world market leader in voice communication systems for civil air traffic control.

As a global player with more than 2,300 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 2023, revenues were EUR 427.5 million and EBIT was EUR 26.6 million.

For more information, please visit www.frequentis.com

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