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FREQUENTIS simplifies the work of air traffic controllers, Unified Aeronautical Comms launched at Airspace World 2025

- Premiere: Frequentis showcases Unified Aeronautical Communications solution simplifying controller workflows through intelligent voice and automation integration
- Benefits include enhanced safety, usability, and efficiency through one interface

Frequentis is presenting its Unified Aeronautical Communications solution to customers for the first time at Airspace World 2025 in Lisbon. The solution marks a significant milestone in turning the company's OneATM vision into reality: enabling air traffic controllers to access both voice and automation functions through a unified interface.

The concept integrates the X10 voice communication system with the <u>SimCWP</u> automation tool from Frequentis Orthogon, running on the ODS Open Platform, which enables the systems to operate in sync, so information flows smoothly between them. This collaboration between the voice and automation teams demonstrates the technical and operational value of system integration.

"For the first time, we're showing how integration can simplify daily work for controllers. This is about delivering value in real workflows," says Reinhard Grimm, Executive Vice President Air Traffic Management at Frequentis.

The solution includes two initial use cases, both being demonstrated during Airspace World. The first is a monitoring box displaying all controller–pilot messages for a selected flight event, helping controllers quickly access relevant communication without switching systems. The second enables controllers to initiate a call directly from the CWP HMI to the next sector using a smart button in the track label, reducing handover time and avoiding errors from manual dialling.

"This is about removing unnecessary steps and making communication more intuitive. The existing voice system remains, but now it's available directly in the automation display," explains Reinhard Grimm.

By bringing together communication and automation, Frequentis reduces complexity at the controller working position, increases redundancy, and supports safer, more efficient operations. The solution is particularly relevant for air navigation service providers aiming to modernise their infrastructure while keeping familiar workflows.



Unified Aeronautical Communications is available now and will be on display throughout Airspace World 2025.

Web: frequentis.com/en/air-traffic-management/focus-areas/unified-aeronautical-communications

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 more than 2,400 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 2024, revenues were EUR 480.3 million and EBIT was EUR 32.1 million.

For more information, please visit www.frequentis.com

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