
Boosting air traffic safety with next-generation recording solution GuardX

- **Successful implementation of Frequentis airspace recording system at Austro Control**
- **GuardX enhances incident analysis, strengthening air traffic safety**
- **Designed for seamless integration into existing air traffic control (ATC) environments**
- **Supports encrypted communication, role-based access control, and full audit trails**

GuardX has successfully been rolled out at Austro Control, Austria's national air navigation service provider. GuardX makes incident analysis faster, more efficient, and more reliable, ultimately strengthening air traffic safety while reducing operational effort. Located at the heart of Europe, Austria's Vienna FIR (Flight Information Region) handles around 4,000 flight movements daily, making it a key corridor for international air traffic. In this environment, GuardX provides secure recording and rapid access to critical communications and data, supporting compliance, investigations, and operational resilience efficiently.

"The implemented GuardX platform is prepared for automatic speech-to-text transcription using advanced AI-based components," says Reinhard Grimm, Frequentis Executive Vice President ATM Civil. "This capability will significantly reduce the time and cost required for reporting and analysis, enabling faster access to relevant information and more efficient handling of safety related issues."

The new system reliably records air traffic-relevant voice communications, including radio, telephone, and ambient audio, providing a unified and future-ready foundation for operational safety, investigation, and compliance.

Austria's air traffic management environment demands reliable access to operational communications and data across multiple locations. GuardX provides a secure, centralised recording platform that strengthens resilience, simplifies administration and supports our commitment to safe and efficient air traffic services.

The deployment covers ATC towers in Vienna (Schwechat), Graz, Linz, Innsbruck, Klagenfurt and Salzburg, as well as the Area Control Centre (ACC) in Vienna, ensuring consistent, high-quality recording across the entire Austrian air traffic management network.

GuardX ensures reliable 24/7 operation and centralised management, while enabling local capture at each air traffic control site. It is also future-proof, scalable, and ready for expansion, providing the technical foundation for future combined recording and replay of voice, radar data, and air traffic controller screens within one integrated environment.

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.

For more information, please visit www.frequentis.com

Jennifer McLellan, Global Media Relations Manager
jennifer.mclellan@frequentis.com, +44 2030 050 188

Barbara Fuerchtegott, Head of Communications/Company Spokesperson
barbara.fuerchtegott@frequentis.com, +43 1 81150-4631

Stefan Marin, Head of Investor Relations
stefan.marin@frequentis.com, +43 1 81150-1074