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## **FREQUENTIS upgrades voice communication system at DFS upper airspace control centre**

- **Frequentis has implemented major upgrades to the voice communication system at the Deutsche Flugsicherung (DFS) upper airspace control centre in Karlsruhe**
- **The upgrades include enhanced hardware, improved collaboration features, and increased cybersecurity, supporting DFS's critical air traffic management operations**

Frequentis completed significant upgrades to the voice communication system (VCS) at DFS's upper airspace control centre (UAC) in Karlsruhe, ensuring seamless and secure operations through to 2035. This milestone builds on the long-standing partnership between Frequentis and DFS. The UAC Karlsruhe is crucial in managing Germany's upper airspace, starting at 7,500 meters, ensuring the safe and efficient flow of high-altitude air traffic for both national and international flights.

"Frequentis has once again proven to be a reliable partner in supporting DFS's mission-critical operations. With the upgraded VCS at UAC Karlsruhe, we are equipped to meet today's operational requirements and positioned to address future challenges with confidence," says Alexander Reith, Head of Radio and Voice Communication Services, DFS.

The system, initially delivered in 2017, is based on the [Frequentis VCS3020X platform](#), designed to meet DFS's demanding air traffic management (ATM) requirements. The 2024 upgrade includes updated hardware for 150 working positions in both the main and backup systems, ensuring high performance and reliability. New role delegation allows seamless collaboration between 4 DFS centres (Langen, Munich, Bremen, Karlsruhe), while enhanced cybersecurity strengthens system protection. The virtualisation of the technical management and control system (TMCS) boosts efficiency, and the integration of SIP (Session Initiation Protocol) servers enables the system for modern VoIP communications.

Frequentis and DFS have been collaborating for over 35 years, with Frequentis providing a range of air traffic management solutions, including voice communication and surveillance systems.

"Frequentis is proud to contribute to the continued success of DFS, supporting its mission to provide safe, efficient, and sustainable airspace management across Germany and beyond," says Reinhard Grimm, Executive Vice President ATM at Frequentis.

## 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](https://www.frequentis.com)

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