

Qatar marks major digital aviation milestone with first data-driven eAIP

- **QCAA publishes first data-driven electronic aeronautical information publication (eAIP) using Frequentis technology in partnership with Bayanat Engineering Qatar**
- **This achievement delivers the foundation for Digital NOTAM (Notice to Airmen) and future Trajectory-Based Operations (TBO)**
- **The project strengthens Qatar's position as a leader in aviation digitalisation across the Middle East**

Qatar Civil Aviation Authority (QCAA), responsible for regulating civil aviation in Qatar, is one of the organisations leading the transition towards Trajectory-Based Operations (TBO) and a fully digital, data-driven aeronautical information environment.

As part of this transformation, QCAA has released its first data-driven electronic aeronautical information publication (eAIP), marking a major milestone in aeronautical information management (AIM). The achievement was enabled through the Frequentis CADAS AIM product suite delivered in partnership with Bayanat Engineering Qatar.

The implementation enables QCAA to manage, validate, and publish aeronautical information from a single digital data source, improving consistency, reducing manual effort, and enabling faster publication of critical information for airspace users.

This marks a significant step towards TBO, shifting from text-based processes to a fully digital aeronautical data environment. It provides a blueprint for Digital NOTAM and SWIM-based information exchange across the Gulf and the wider Middle East, supporting safer, more efficient, and interoperable operations in line with the International Civil Aviation Organization's (ICAO) global aviation roadmap.

"QCAA's first data-driven eAIP shows digital AIM becoming an operational reality. It establishes a modern environment that supports today's needs and lays the foundation for future capabilities such as TBO. We are proud to support QCAA together with Bayanat Engineering Qatar in this milestone," says Josef Kutschi, Managing Director of Frequentis Comsoft.

"By combining local expertise with proven technology, we have delivered a future-ready solution that strengthens efficiency, resilience, and Qatar's digital aviation vision. This also sets a benchmark for the wider Middle East region," says Hassan Ezzeddine, Managing Partner at Bayanat Engineering Qatar.

The project reflects close collaboration between QCAA, Frequentis, and Bayanat Engineering Qatar and highlights a shared commitment to advancing aviation through digital innovation across Qatar and the wider Middle East.

Technical details for editors

Trajectory-Based Operations (TBO) is a next-generation air traffic management concept that uses shared digital flight trajectory information to improve the predictability, efficiency, and safety of air traffic operations.

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 Comsoft

In 2016, Frequentis Comsoft joined the Frequentis Group as its competence centre for AMHS, AIM, surveillance technologies and ATM systems. Frequentis Comsoft, based in Germany, provides software-centric solutions covering a major part of the surveillance data chain: from distribution to processing to display.

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