

Innovation and expertise in ATM

Frequentis Comsoft is the largest subsidiary of the Frequentis Group. Based in Germany, the company has more than 35 years of experience in software-centric air traffic management. Its solutions cover aeronautical message handling, aeronautical information management, surveillance, and ATM automation, ensuring smooth communication, clear situational awareness, and efficient airspace operations for civil and military users.

As part of the Frequentis OneATM approach, Frequentis Comsoft drives digital transformation with harmonised control centres and scalable architectures. Its expertise in information management supports the group's Trajectory-Based Operations (TBO) strategy, paving the way for a connected and sustainable air traffic ecosystem.

Global track record of success



Industrial partner
for EUROCONTROL's ARTAS
surveillance tracker since 2001

50% of all
internationally
recognised AMHS links
use our solutions



120+
customers
in **95+** countries



Proven expertise
in ATM



Trusted partner
in defence



200+ skilled specialists –
an expert workforce
driving innovation



Complete portfolio at a glance

AMHS and AIM: Enabling seamless, market-leading aeronautical communication and data management, supporting Common Project One (CP1) compliance and SWIM-based interoperability.

Surveillance: Supporting civil and military users with real-time air traffic data distribution and processing for situational awareness, cross-centre consistency, and multinational networks, complemented by an advanced surveillance data tracker.

ATM automation: Offering modular, scalable solutions as high-capacity platforms, delivering the full spectrum of ATM automation. Designed for resilience with dissimilar architectures that enhance cybersecurity and ensure continuity, it seamlessly supports both civil and military airspace operations.

FREQUENTIS

FOR A SAFER WORLD

Strategic pillars for scalable and secure airspace operations

Frequentis Comsoft supports civil and military customers through three key capabilities that enable reliable, integrated and future-proof air traffic management:



Trajectory-Based Operations

Aggregating and delivering real-time operational data in a SWIM-compliant way, enabling CP1 compliance and laying the foundation for trajectory-based airspace concepts.



Harmonised Control Centres

Fully modular and expandable architectures enable easy integration of functionalities, providing ATCOs with enhanced situational awareness and improving operational efficiency.



Holistic Air Defence Networks

Supporting secure military surveillance and communication across control centres and operational units. Enabling cross-domain data exchange and operational resilience in joint and multinational environments.

Trusted by 120+ customers worldwide – selected references

DFS (Germany): Next-generation PHOENIX platform integrating Frequentis flight data processing within a service-oriented architecture, ensuring seamless interoperability and scalable, future-proof ATM operations.

Bundeswehr (Germany): Nationwide military surveillance distribution network (MilRADNET), enabling secure and resilient data sharing across multiple control.

EUROCONTROL: Industrial partner for ARTAS since 2001, providing centralised maintenance and turnkey system support for Europe's primary surveillance tracker.

QCAA (Qatar): First operational digital NOTAM system, enabling a fully digital transition of aeronautical publications and streamlining data management processes.

AAI (India): One of the world's largest AMHS infrastructures, deployed across 70+ sites to boost messaging efficiency and interoperability.

ASECNA (Africa): International AMHS programme across eight West and Central African countries, enhancing aeronautical communication and regional coordination across a vast continental airspace.

FREQUENTIS

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