

Success Story

Aeronautical Information Management

Complete AIM system for CAA of Singapore

The AIM system supplied by Frequentis Comsoft set the benchmark for this technology in the entire region.

About CAAS & Frequentis Comsoft

The Civil Aviation Authority of Singapore (CAAS) and Frequentis Comsoft have worked together since 2006 when CAAS first selected market-leading AMHS solution, AIDA-NG. This was later followed by the installation of Quadrant ADS-B and the fusion processor in 2009. Subsequently CAAS selected the German expert's AIM solution that same year. The combination of systems from Frequentis Comsoft are ensuring that the Singaporean ANSP meets the relevant requirements they set for the safe and efficient management of one of the world's busiest Airports and Flight Information Regions.

About Frequentis Comsoft's AIM

Frequentis Comsoft's AIM is the next generation solution for Aeronautical Information Management. The turnkey AIM solution is fully in line with the ICAO AIS to AIM Roadmap and is constantly being updated, in order to stay at the top of today's solutions. Its modularity allows each ANSP to perform the AIS-to-AIM migration at its own pace, while Frequentis Comsoft also offers crucial services like data migration, AIM training and change-management support. The Frequentis Comsoft AIM product range supports the automation and management of AIXM 5.1 based static and dynamic data, Flight Plan and IFPS function, NOTAM/OPMET/Briefing and eAIP production.

Customer Highlights

- AMHS, AIM, ADS-B from Frequentis Comsoft
- Long-term relationship
- Complete AIM system
- High reliability eAIP Data Migration
- First Frequentis Comsoft project to benefit from the synergies by deploying eTOD from Frequentis
- Participation of CAAS in the FAA Mini Global I: demonstration with Frequentis Comsoft Products

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Best of two AIM worlds

With Frequentis Comsoft a member of the Frequentis Group the company has extended its AIM solution with further components like Aeronautical Charting, eTOD, Workflow Management and data origination from Frequentis. The paired AIM synergies offer many benefits for future projects, while the collaboration has created a global leader in AIM.



Solution for CAAS

Frequentis Comsoft delivered a large-scale AIM system to Singapore, in 2009, which was continuously maintained and enhanced in the subsequent years. Some further system components will be upgraded and extended in 2016.

The AIM system supplied by Frequentis Comsoft consisted of Flight Planning, NOTAM, OPMET, Briefing, Aeronautical Database and eAIP Production and took advantage of the latest AIXM standards, which subsequently set the benchmark for this technology in the entire region. CAAS received a mature system that introduces AIM and enables the move to SWIM.

CAAS has now added eTOD to their AIM solution, making it the first customer to benefit from the combined AIM expertise of Comsoft and Frequentis.

Singapore's skyline is made up of over 119 skyscrapers that are over 120 metres high. Accurate electronic Terrain and Obstacle Data (eTOD) requires data for obstacles over 120 meters above the runway. With the help of the latest upgrade, the implementation of smartETOD from Frequentis, CAAS will be able to provide eTOD.

