

Success Story

Aeronautical Information Management

AIM modernisation for Myanmar

Frequentis Comsoft implements AIM in Myanmar to support increasing air traffic.

About DCA Myanmar

DCA Myanmar is a governmental organisation under the Ministry of Transport, the Republic of the Union of Myanmar. It provides Air Navigation Services in Yangon FIR. The AIM modernisation project now turns DCA Myanmar into an AIM leader in the region, and ensures they are fully in line with the ICAO AIS to AIM Roadmap and related regulations.

About Frequentis Comsoft's AIM

Frequentis Comsoft AIM is the next generation solution for Aeronautical Information Services. Fully in line with the ICAO Roadmap for the transition from AIS to AIM it offers wide-ranging functionality for Integrated Aeronautical Information Management.

The data centric paradigm considers the Aeronautical Information data by introducing a harmonised AIXM 5.1 presentation, together with corresponding Service Oriented Architecture (SOA). The individual Aeronautical Information Services focus on data acquisition, data and quality management and production of electronic AIP, Amendment, Circulars, Supplements, and NOTAM.

Project Highlights

- Smooth and cost-effective transition from AIS to AIM fully in line with the ICAO AIS to AIM Roadmap
- Turnkey solution for AIXM 5.1 data management, electronic AIP, NOTAM, Flight Planning, Aeronautical Charting
- Modular service oriented architecture, prepared for digital NOTAM and SWIM
- Pilot Portal Application for Flight Planning and self-briefing on mobile devices

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The Challenge

Air traffic in Myanmar in Southeast Asia has been rising fast, with international passengers increasing by over 65% between 2012 and 2015.

Plans for the country to reach 7.5 million tourists by 2020 confirm the need for a modernised air traffic infrastructure to increase capacity, minimise delays and maintain safety. By aligning all AIS tasks with a harmonised, digital data presentation the integrity and consistency of aeronautical information is vastly increased, while service delivery efforts are reduced.

The Solution

The project provides a complete AIM solution to consistently manage all aeronautical information while guaranteeing a high data quality. Frequentis Comsoft's highly advanced CADAS products provide AIXM 5.1 based aeronautical data management, NOTAM management, and a pilot portal application for portable devices with flight planning and pre-flight self-briefing services.

The project also includes two Charting positions, AIS Flight Data Terminals and Pilot Briefing workstations. Data driven Aeronautical Charting is based on the GIS based smartCHARTING tool from Frequentis.

"DCA is pleased that Frequentis Comsoft were the leading applicant in the international tender process and are now guiding Myanmar into the digital age of AIM."



DCA Myanmar

Local company Comsoft – Carpe Diem Ltd are aviation consultants on the project to modernise Myanmar's Aeronautical Information Management infrastructure in the light of increasing air traffic, essential airspace optimisation and the crucial changeover from Aeronautical Information Services.

The successful timely project completion is the answer to the AIS to AIM migration challenge, and leads Myanmar a crucial step forward with their plans for enhanced air traffic services. The system also serves as a first-class foundation for further steps like SWIM implementation and digital NOTAM.



Benefits at a glance

- Complete AIM solution to manage all aeronautical information
- Migration of AIS into a harmonised, digital data presentation
- DCA Myanmar is now an AIM leader in the region
- Frequentis and Comsoft: the best of two AIM worlds