Selected references

Aeronautical Information
Management (AIM) solutions

AIM

FREQUENTIS
FOR A SAFER WORLD

AIM selected references

Frequentis Aeronautical Information Management (AIM) solutions leverage more than seventy years of ATC heritage showcasing true leadership in this market. During this timeframe, more than twenty years of AIM-specific experience has built the foundation for industry leadership in this category. In order to serve civilian and military aeronautical customers, solutions can be offered to fit the needs of large regional organisations, standalone installations and any other requirement in between.

NAV CANADA, Canada
Overall project includes the supply of an AIXM static database with AIP and charting applications.

SITA Project, United Kingdom
Upgrade of SITA integrated NOTAM/ OPMET/briefing system. Frequentis smartMessenger to interface systems operated by the FAA, NATS and the UK MET office for the acquisition of NOTAM/ MET data. The system is used to support SITA flight planning operations. SITA has contracts with 200+ customers for its flight planning operations.

Dinacia, Uruguay

EANS Estonia, Estonia
An AIXM 5.1 based AIM system with modules like workflow management, integrated GIS viewer, digital NOTAM, NOTAM, OPMET, METEO, ADQ compliance, AMHS and flight planning.

EAD (Eurocontrol), Belgium
EAD is the world's largest AIM hub. Today the system is used for a series of AIM projects provided to Eurocontrol since 2000. The European AIS database (EAD) is being extended with major releases on a regular basis. Additionally, it received EASA certification in early 2017. Release 10 was rolled out in 2016, Release 11 is currently prepared. Today the system is used by about 50 ANSPs and 300 non-ANSPs.

skyguide Switzerland, Switzerland
The project includes the supply of an AIXM static database with the AIP and charting applications.

Nav Portugal, Portugal

German Airports (ADV), Germany
Fully ADQ compliant AIXM 5.1 platform for the German airports in order to fulfil their tasks as data providers. The system is fully redundant and based on the Frequentis AIM software family. The functionality is delivered via a comprehensive workflow management layer. All German airports use the platform in order to provide AIM data to the German ANSP, DFS.

ATNS, South Africa
The CAD system of ATNS provides a regional AIM platform with comprehensive functionality including an AIXM database, SDO, charting, eAIP, NOTAM, flight planning and briefing. The system serves South Africa, and allows other countries in the region to connect to the CAD system remotely and use its AIM functions. Namibia is one example. ATNS utilises the system to act as an AIM service provider for other countries.

Austrocontrol, Austria

Slovenia Control, Slovenia

PACA Oman, Oman
Provision of a turnkey AIXM 5.1 based aeronautical information management system and AFTN/AMHS message switching system as turnkey project in Muscat and Salalah, Sultanate of Oman.

DGCA Kuwait, Kuwait
Provision of a turnkey AIXM 5.1 based aeronautical information management system at Kuwait Airport.

QCAA Qatar, Qatar
Provision of a turnkey AIM system as a turnkey project in Doha.

GCAA UAE, UAE
Provision of a turnkey AIM System for static data management, eAIP and aeronautical chart production in Abu Dhabi as well as delivery of an AMHS/ AFTN solution.

CAAS Singapore, Singapore
Flight planning, eTOD, NOTAM and briefing office, eAIP, Static Data Management, Internet Services, Central Aeronautical AIXM 5 database and an AMHS system.

Hong Kong CAD, Hong Kong
Working with the Civil Aviation Department (CAD) in Hong Kong, Frequentis delivered a comprehensive solution including the AIM static and dynamic data management system. Complementary functionality includes an internet briefing facility, eTOD, eAIP and charting applications.

Qantas FPFUTURE, Australia
Qantas' FPFUTURE project is responsible for the establishment of a navigational database for a flight plan management system (based on an AIXM 5.1 database). The navigational database integrates with other components to support the operation with a modular and flexible flight plan mangement system, delivering efficiencies associated with the use of digital and graphical aeronautical information.

DCA Myanmar, Myanmar
Provision of a turnkey AIXM 5.1 AIM system, eAIP and charting in Myanmar in two phases.

Department of Transportation and Communications (DOTC), Philippines
Provision of a turnkey nationwide AIM system to the Department of Transportation and Communications (DOTC) of the Government of the Philippines. This includes two centre sites: Main site in Manila and a redundant/ backup system at Mactan Airways Facilities Complex. All airports are supported with this solution.

Airways New Zealand, New Zealand
A wide range of functionalities were provided in this project: AIXM database (AIXM 5.1 with AIXM 4.5 compatibility), SDO, NOTAM, weather management, flight planning, briefing, workflow management, charting and eAIP. The AIM system is integrated to existing systems operated by Airways NZ via the AFTN and AMHS messaging protocols.

FREQUENTIS