

AIR TRAFFIC & DEFENSE

# AERONAUTICAL INFORMATION MANAGEMENT

Avitech - Leading Technology for Reliable and Fully Customizable AIM Solutions

[www.avitech.aero](http://www.avitech.aero)

A photograph showing the wing and tail section of an airplane in flight, viewed from above. The sky is blue with scattered white clouds. The word "AIM" is overlaid in large white letters at the bottom right.

**AIM**

# AVITECH - THE KEY TO YOUR VERY BEST AIM SOLUTION

We provide fully customizable, reliable and innovative solutions paving the way to your top AIM goal: The right digital Aeronautical Information, at the right place, at the right time.

## Our Competence

Our extensive experience in Aeronautical Information Management gives us a clear and complete understanding of the environment that you are a part of.

Manual data entry reduction, decrease of data inconsistency over the complete aeronautical data chain and efficient process management are only some of the elements we are looking for when guiding you step by step through AIM.

## Serving your Needs

We provide you with a system that takes into account your resources and fulfills all your requirements while following all standards and regulations in the field, such as ICAO Annex 15, Annex 4, and specific regional regulations like the Regulation (EU) 73/2010.

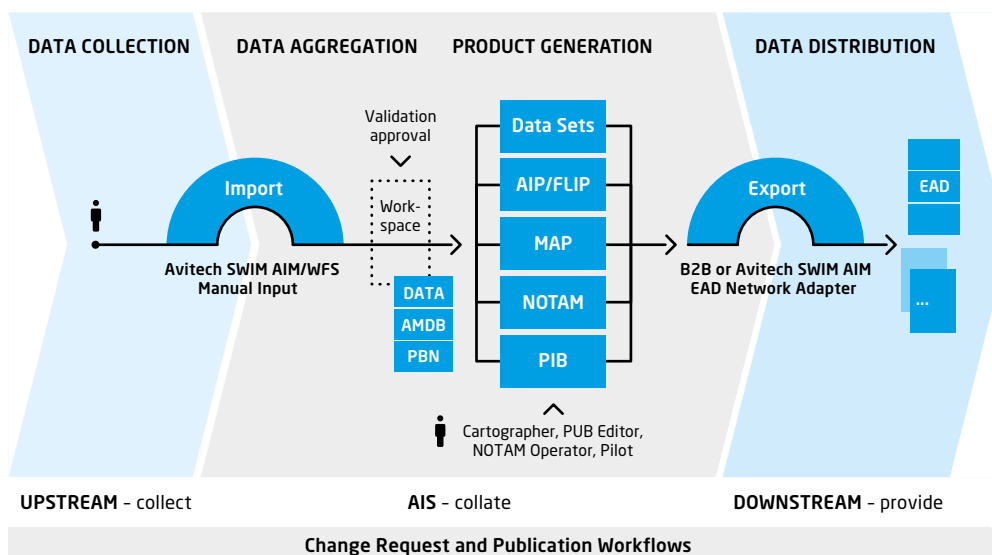
## Avitech AIM Technology

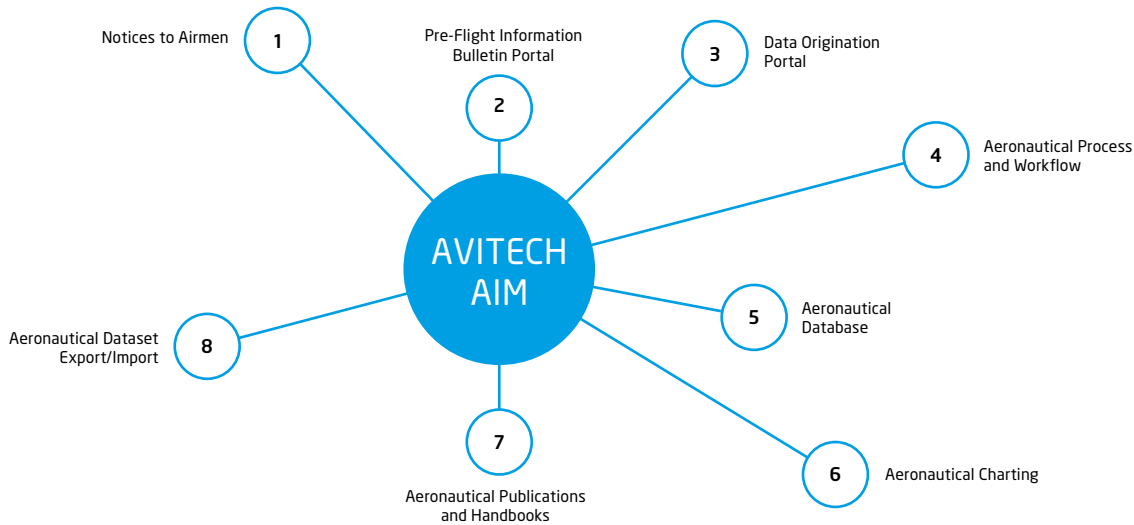
For more than 20 years we have served the civil and military aviation market, continuously growing, researching and refining our technology to provide our customers with up-to-date, high quality solutions.

We guide you from AIS to AIM, providing, inter alia, static databases that are able to store all the data you are requiring for basic and advanced applications, among them Performance Based Navigation (PBN) implementation, the most important requirement of ICAO.

Our commitment and enthusiasm is reflected in our customers' satisfaction all over the world - exactly what we are striving for in every project we are involved in.

## Avitech Aeronautical Information Data Flow





## AIM Product Range

Avitech guides your processes safely and supports you in establishing your best AIM solution. You can rely on all our products and solutions to be adapted in detail to your requirements, resulting in exactly the system you need. Take a look at our modular AIM product range:

### 1 Notices to Airmen

Our NOTAM solution is designed to automate International and National NOTAM Office functions like NOTAM creation, storage, distribution and retrieval in full compliance with ICAO standards. It covers NOTAM, SNOWTAM, ASHTAM, ANM, AIM, and CRAM and assists in harmonizing NOTAM formats. Specific NOTAM formats are also supported.

### 2 Pre-Flight Information Bulletin Portal

The PIB Bulletin Portal solution creates standard bulletins and summaries based on FIRs, aerodromes, routes, polygons, restrictive airspaces, levels, time and all parameters known from the NOTAM Q line. This provides minimized PIBs with 4-dimensional contents directly related to a flight. It excludes non-relevant NOTAM and can take advantage of update service and scheduler functionalities.

### 3 Data Origination Portal

The Avitech Portal was designed to support the ICAO uninterrupted electronic data chain for data origination and publication. It provides a platform for integrating all information, functions, processes and aeronautical data chain stakeholders across organizational boundaries via web based interface, taking into account the ICAO collect, collate, and provide functions of Annex 15.

### 4 Aeronautical Process and Workflow

The Aeronautical Process and Workflow Engine is designed to support the workflow process of receiving, approving and publishing aeronautical data. Our workflow ensures that the raw data received is assessed, approved and stored in a predetermined sequence and that all actions are legally recorded.

### 5 Aeronautical Database

The Aeronautical Database is the solution for collecting all necessary data for PBN, Procedure Design (ICAO PANS-OPS, FAA TERPS), Terrain Data, Obstacle Data, Aerodrome Mapping Data (AMDB), NOTAM Management, publication of AIP and related publications as well as aeronautical maps. The Aeronautical Database storage capabilities comprise full AIXM 5.1 data contents including AMDB and ARINC 424 instrument procedure encoding.

### 6 Aeronautical Charting

The solution for aeronautical maps and charts production covers the entire chart publication lifecycle from chart definition and automated generation to change detection, update and printable output creation for all Annex 4 and customised charts.

### 7 Aeronautical Publications and Handbooks

The Aeronautical Publications and Handbooks solution provides integrated quality process management for the publishing of AIP, AIP Amendment, AIP Supplement, AIC and other ATC, AIM and Aerodrome Manuals. The system is designed to help you making changes easy, clear to spot and fast to publish.

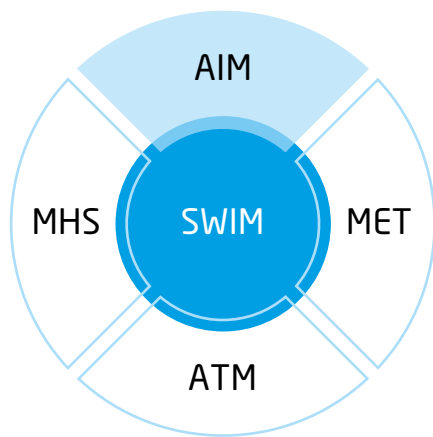
### 8 Aeronautical Dataset Export/Import

The uninterrupted electronic aeronautical data chain requires structured data on data exchange points so that the next intended user is able to check the received data. The Aeronautical Dataset Export/Import supports this requirement in a full transparent manner based on service level agreements between data exchange parties. Various formats are available for this, including full AIXM 5.1 and customer defined formats.



# AVITECH - TECHNOLOGY YOU CAN TRUST

- Only complete Civil and Military AIM Solution available
- All AIM components from one company
- Interoperability assured by AIXM 5.1
- The most complete AIM Solutions in Asia Pacific, Europe, and the Middle East



## Experience & Know-how

Our AIM products for the aviation market include uniquely complete solutions for AIS, AIM, AIP, MAP, SDO, AMDB, NOF, NOTAM and PIB. Besides our purely civil solutions for Air Navigation Service Providers and Aeronautical Information Service Providers we supply solutions for military AIS/AIM units. We cover all possible data and NOTAM formats existing in the world. The European AIS Database (EAD) uses our NOTAM office and validation functions as well.


For more than 40 years Avitech has served the aviation industry as one of the leading international developers of aeronautical IT systems worldwide. Today Avitech supplies more than 45 customers in 50 countries on six continents with state-of-the-art aeronautical information technology.

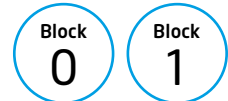
Please ask for our complete product range or visit our website [www.avitech.aero](http://www.avitech.aero)

## Avitech & Indra

Avitech represents the Centre of Excellence within the Indra Group for AIM, MHS, SWIM and MET, complementing the Indra ATM offering worldwide. The Indra Group's global business model is based on high-end innovation and technology, currently supporting 3000 air traffic control installations in 140 countries.

The group is all set for ICAO Aviation System Block Upgrades (ASBUs): Compliance with Block 0 & Block 1.

 **ASBU-Compliance**



2013 — 2019 — 2024



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