

# Open, intuitive and modern information system

**Insero AvilInfo** collects, visualises and presents all your aviation and ATM information efficiently

Insero AvilInfo is the new standard in aviation and Air Traffic Management (ATM) information and data management systems, making all relevant information available at your fingertips. The contemporary user interface, which is easily configurable to match the needs of all users/roles, supports fast, easy access to current information in all situations.

## **Intuitive and configurable information system**

Insero AvilInfo is designed to efficiently support the needs of all user roles in an open solution which harnesses all data types. Whether you are in the tower and quickly need to find relevant AIPs or emergency procedures, need to get the sector load presented visually, or have to import/validate and get new data through the configured approval flow, Insero AvilInfo will support your needs.

A highly configurable user interface, widgets and dashboards allow authorised users to create role or even user specific interfaces for optimum efficiency.

A key concept in the solution is the widespread use of data visualisation to intuitively present data to the users. This e.g. in the advanced multi-layer map, dashboards with live video streaming, weather forecasting, web content, real-time operational and technical statistics, etc. As an example, highlighting and/or alerting of changes compared to prior versions.

## **Valid and verified digital aviation and ATM data**

Insero AvilInfo supports all data types, to support your needs for e.g. Aeronautical Information Management (AIM), NOTAM, navigation, aids, maps (Incl. FIRs, significant points, locations, airports, obstacles, routes, tracks, etc.) as well as aerodromes, flight plans, all meteorological data, call signs, aircraft data, airport names, AIP/eAIP, procedures, or even the canteen lunch menu.

Already when receiving data from external sources, whether manual or automatic, the data is verified based on configurable rules. Furthermore, each data element/set has e.g. validity and status associated with them, to support the control and management of data to ensure valid and correct data.

## **Industry standard interfaces**

With support for legacy and new file and data formats, including SWIM (AIXM/Digital NOTAMs, IWXXM, FIXM) and e.g. GRIB2, EAD, AFTN/AMHS, ASTERIX, data is easily made available in AvilInfo, subject to configurable validation and verification processes. This includes real-time data from various sources such as radar, weather stations, and flight management systems.

Authorised user access protects sensitive data and allows specific users to easily import data on the fly in standard file formats (e.g. PDF, CSV and GeoJSON).

Additional interfaces are available for e.g. Artificial Intelligence or Business Intelligence services as well as centralised technical monitoring systems. Thereby also providing a high level of automation, which eases the burden on the Air Traffic Controllers.

## **System technology**

Insero AvilInfo provides an intuitive user interface and utilises secure browser-based/multi-device web applications. The fault tolerant, redundant server platform is a scalable service-oriented server architecture supporting 24/7 services, whether for physical, virtual or hosted systems.

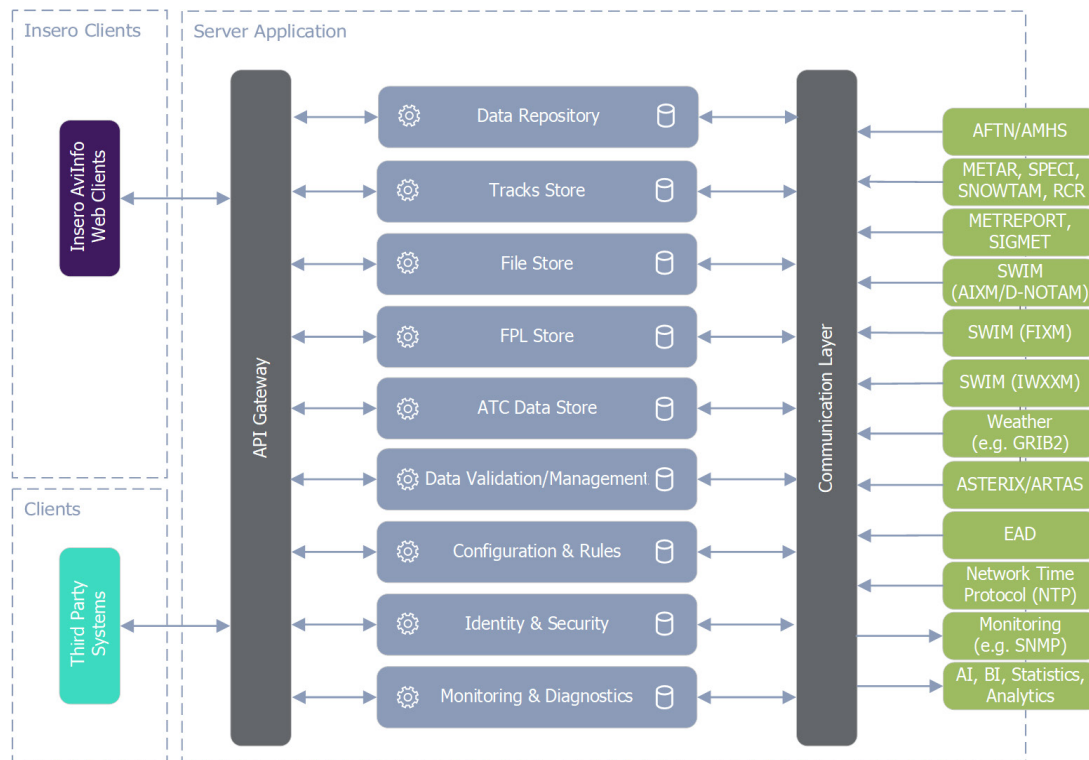
Insero AvilInfo is developed in accordance with all applicable EU, EUROCONTROL, EASA, ICAO and WMO regulations and standards.



*Intuitive and secure Insero AvilInfo web applications*

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*Scalable and flexible service-oriented architecture*

## Key features

### **Intuitive and configurable information system**

Insero AviInfo is designed to efficiently support the need of all user roles in an open solution which harness all data types. Visualisation of data is a key concept.

### **Quick and efficient access to relevant data**

Intuitive user interface, widgets, dashboards and simple/advanced search functions ensure easy access to all relevant information.

### **Customised user interface for optimum efficiency**

The intuitive, modern, easy to use and flexible web-based user interface, ensures optimum efficiency for all user profiles.

### **Real time control and monitoring**

Full system overview and operational status, including health status/alerts, is provided for computers/devices, services and interfaces.

### **Fully automatic or with manual interaction**

Insero AviInfo provides a fully automated workflow for import/validation of data, but also the possibility for user validation/verification and workflows as required.

### **Modern system architecture for 24/7 operations**

Fault tolerant, redundant and service-oriented server platform and secure browser-based web applications provides a flexible and future proof solution.

### **Based on industry standards and open data formats**

With support for adopted data formats, including e.g. SWIM, GRIB2, EAD, AFTN/AMHS, ASTERIX, PDF, CSV and GeoJSON, data is easily available in AviInfo.

### **Standard interfaces**

The standard interfaces (APIs) ensure cost-effective integration of relevant systems, and a high level of automation, which eases the burden on the users.