



Hosted Wiz@rd Portal for Upstream

Data Origination



Avitech in SITA ATI Cloud

All aeronautical data related organizations, like Air Navigation Service Providers (ANSP), and aerodromes, need to innovate and improve to maintain flight safety and accommodate new traffic patterns. At the same time, they need to keep operational costs to a minimum.

With these priorities in mind, Avitech recently moved to a Cloud Computing model to deliver the Wiz@rd Suite and the Data Origination Portal to the European market. This is so ANSPs, Aeronautical Information Services (AIS) and aerodromes can comply with Regulation (EU) 552/2004 and especially with 73/2010 (ADQ 1).

The solution also brings advantages for organizations outside of Europe if those want to implement an uninterrupted secured electronic data chain.

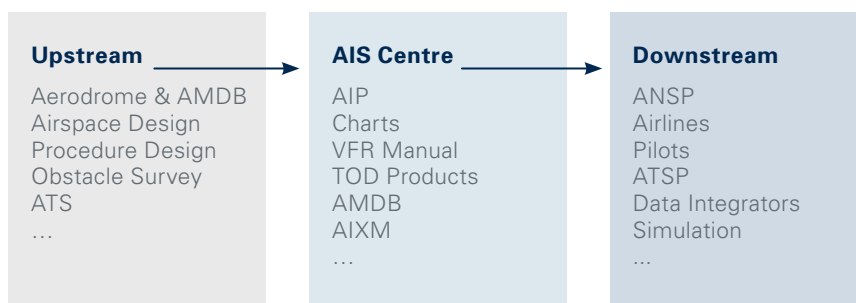
What is Cloud Computing?

Cloud computing is a new model for delivering IT and systems capabilities, in which customers are no longer required to install dedicated hosted servers. Users are provided access to application software over a trusted network.

ATI Cloud Benefits:

- ➔ Scalable operational solutions thanks to the pay as you go capability.
- ➔ Reduced costs as the usage of hardware is optimized.
- ➔ Increased IT infrastructure agility thanks to a "switch on" / "switch off" capability.
- ➔ Increased flexibility as Cloud-based services can accommodate surges in load and seasonal change.
- ➔ Strong security and tight integration requirements the Air Transport industry imposes.

Wiz@rd Portal Family



Web Demo: <https://DO.AIMportal.info>

Is the ATI Cloud for my AIS or my Aerodrome?

This Cloud-based solution allows you to be pre-connected to the trusted network linking European ANSPs. It is also available world-wide, known as ATI Cloud.

The roll-out is rapid; Air Traffic Control Units (ATSU), aerodromes and other partners can be easily integrated.

Air Traffic Control systems interfacing is simplified too, and the cost of acquisition for our common customer's drops dramatically when compared to an on-premise model.

Software Licensing

Different software licensing models are available. Ranging from classical nonexclusive licensing for your organization in a ATI Cloud connected virtual Data Center (vDC) to providing a Software as a Service (SaaS). Talk to us to find out what is more beneficial for your solution.

Data Origination

ICAO has established standards and recommended practices which require all contracting states to introduce a properly organised quality management system. This is to ensure that the integrity classifications for all aeronautical data are achieved in order to assist the implementation of the ICAO CNS/ATM and PBN concept.

Furthermore in Europe the Commission Regulation (EU) 73/2010 as part of the Interoperability Framework (Regulation (EU) 552/2004) lays down additional requirements on the quality of aeronautical data and aeronautical information for the Single European Sky in terms of accuracy, resolution and integrity.

The Wiz@rd Portal was designed and developed to support these increasing aeronautical data quality requirements as well as concept of ICAO uninterrupted electronic data chain by providing a platform for integrating all information, functions, processes and aeronautical data chain stakeholders across organizational boundaries via web based interface.

The Upstream Portal provides to all aeronautical data originators single point of entry towards AIS Centre for all relevant aeronautical data changes in their responsibility.

Additional Functions

- Configurable Upstream Workflows
- Portal Applications
- Change Request
- Obstacle Survey Management
- Procedure Design Management
- Downstream Functions for Upstream

Conformance Statement

The Wiz@rd Upstream Portal is designed to assist the implementation of an ICAO Annex 15 recommended Quality System in Aeronautical Information Publication Departments of state AISs and organizations working on behalf of states to publish AIPs and data.

For European countries the Portal was developed to support their compliance to European Commission Regulation (EU) 73/2010 (requirements on the quality of aeronautical data and aeronautical information for the Single European Sky) and related Regulations (EU) 552/2004 (interoperability of the European Air Traffic Management network) and 549/2004 (framework for the creation of the Single European Sky).

Compliance to finalized Eurocontrol Electronic Aeronautical Information Publication (eAIP), Data Assurance Levels (DAL) and Data Quality Requirements (DQR) as well as to RTCA DO-200A – Standards for Processing Aeronautical Data is also ensured.

Contact

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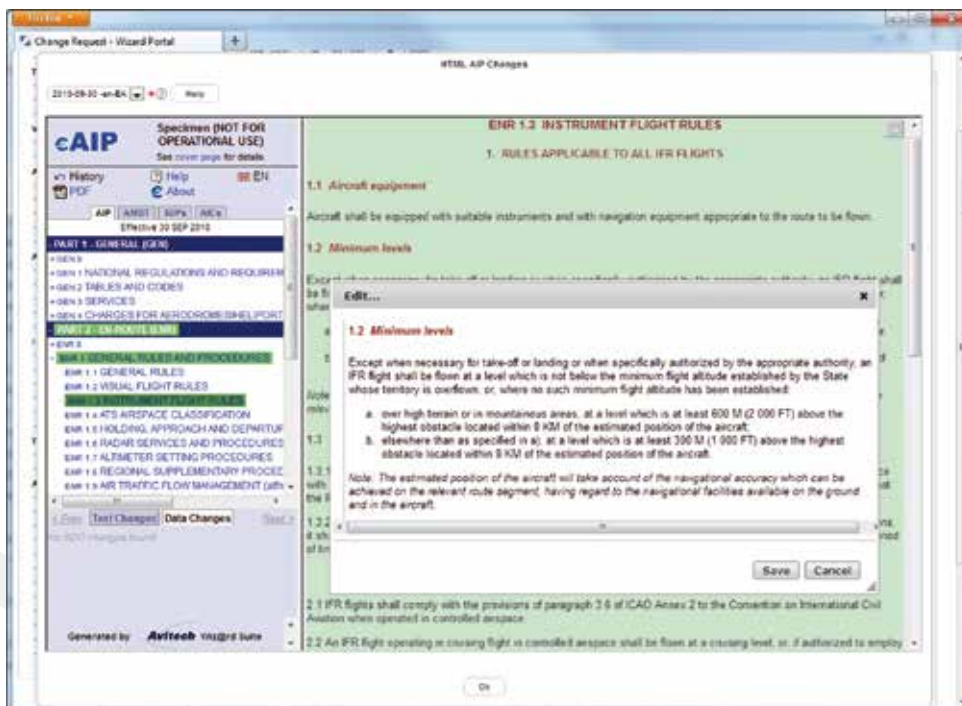
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Data Origination GUI in eAIP Form, structured Text and Static Data (AIXM 4.5 and 5.1)

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