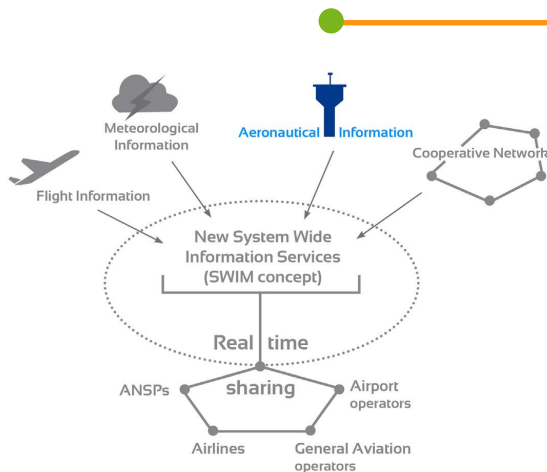




The **TOPLINK demonstration project**, bringing together 14 European partners, will test a panel of new **Aeronautical Information Services**, in order to optimize pertinence, accuracy and readability of aeronautical data during flight, and after specific training for pilots, airlines, ground flight dispatchers and air traffic controllers.

Aeronautical National Service Providers and industry to serve TOPLINK project



In the context of the TOPLINK project, **Eurocontrol**, the **French DSN A/SIA** and **Airbus** ensure the provision of new Aeronautical Information products, delivering training that will ensure ATC and Airline users can integrate these new products into their operational procedures.

9 categories of TOPLINK Aeronautical Information

Published Aeronautical Information

- Airspace
- Route
- Airport
- Runway
- Procedure
- Taxiway
- Obstacle
- Lighting Equipment
- Navaid

Aeronautical Events on

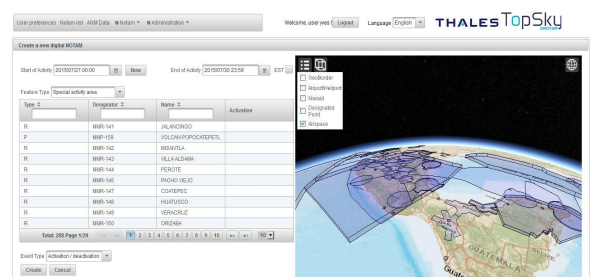
- Airspace
- Airport
- Others
- Navaid
- Runway

Glossary

- AIM: Aeronautical Information Management
- AINS: Aeronautical Information Notification Service
- AIFS: Aeronautical Information Feature Service
- AIRM: ATM Information Reference Model
- AIXM: Aeronautical Information Exchange Model
- ATC: Air Traffic Control
- ATM: Air Traffic Management
- FMP: Flow Management Position
- OCC: Operations Control Center

TOPLINK Aeronautical Information complements:

- **Aeronautical Information** structured following Eurocontrol AIRM reference model (more specifically AIXM5.1 model) and delivered through **SWIM/AINS** Services
- **Aeronautical Events (Digital NOTAM)** defined by Eurocontrol / FAA and delivered through System Wide Information Management (**SWIM**) more specifically AIFS



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TOPLINK Partners



New generation of AIM services developed in the context of SESAR (WP 13.2.2)

OBJECTIVES

- Consolidate existing Aeronautical Information to enhance accuracy and awareness
- Share a fully consistent information between ATC, Airport and Airlines (ground and cockpit) users
- Enable capacity increase with new concepts such as 4D trajectories
- Tailor solutions for ATM applications both on the ground and on board

FEATURES

- > Ease origination and distribution of aeronautical digitalized information
- > Incorporate Business Rules Engine to verify (structural, Operative rules) ensuring data quality
- > Consolidate Aeronautical Information which are made Interoperable through SWIM interfaces
- Suitable for Pre-flight, Taxi and On-flight briefing
- Suitable for Graphical display easing readability
- > Integrate Aeronautical information into ATM decision making

