

Aeronautical Information Management



Aeronautical, Weather and Flight Data in the Cloud



m click Our Mission

Our mission is to help aviation stakeholders to access, consume and share global aviation data.

- On-premise and cloud-based software solutions
- Research & Development (OGC, SESAR, NextGen)
- OGC Testbed 12 participant (2016)





m click Aviation Cloud

Aeronautical, weather, flight an other data in the Aviation Cloud:

- **Import**: from NM, EAD, FAA, private users
- **Management**: create, read, update, delete
- **Processing:** validate, associate, analyse, enrich/aggregate
- **Provision:** SWIM API, alternative APIs



Network Manager Gateway

- On-Premise or cloud-based application
- NM Notification Service (AMQP) client
- NM Subscription Management
- Deliver enhanced NM data sets via WFS-TE API



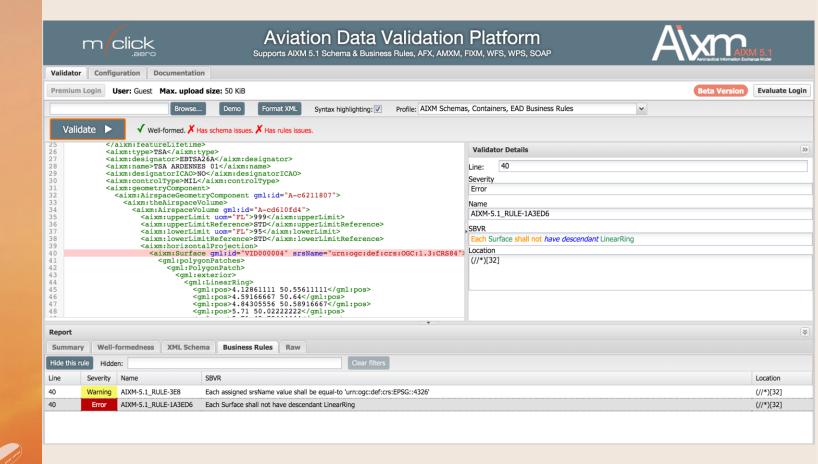
Data Validation

- Validation of data imported and enriched in order to verify their consistency.
- Validation of documents the authorized users wants to sent to the NM (flight plan)!
- Validation service:
 - Validates all kinds of aviation XML documents
 - Syntactical and semantic validation
 - Additional business rules
 - Custom, application based validation rules can be specified (for example flight plan documents)





m click Data Validation







Thank you for your attention, any questions?



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