

Datasheet: smartAIP

Comprehensive AIP document management

The Frequentis Aeronautical Information Publisher (smartAIP) is an application for the creation and editing of aeronautical publications such as AIPs, eAIPs, supplements, amendments and circulars. The automated publication generation process was developed in conjunction with AIM operators and international aviation authorities to ensure that the requirements of these organisations are addressed. The data-centric approach utilises information from the AIXM 5.1 data repository to automatically populate publications with the latest aeronautical information.

In order to further facilitate the management of this information, the smartWebClient is a browser-based application to manage documents, publications and aeronautical information. Workflows are an integrated part of the functionality to allow tracing every step of these processes.

Key features

smartAIP

- Supports creation of bilingual AIPs
- Automated Version Control
- WYSIWYG text editor
- Automated highlighting of document changes in accordance to ICAO Annex 15

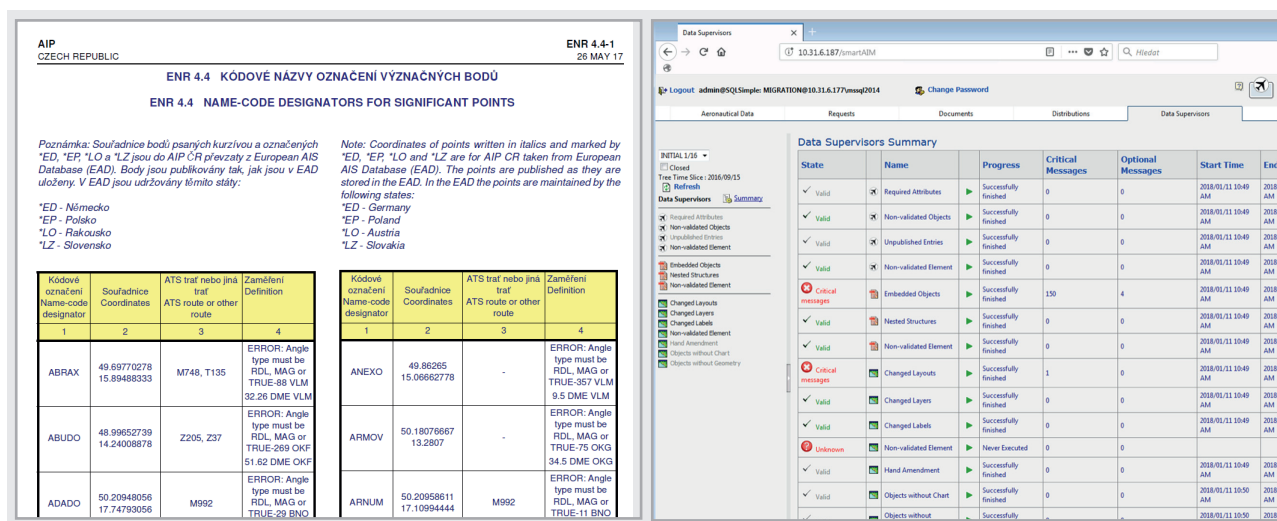
smartWebClient

- Workflows for updating text and charts including verification and publication steps
- Manages text and charts from a single application
- Automatically generated tables in data-driven chart layouts
- Handling of multiple AIP publication types – ICAO Annex 15 or custom
- Temporality including version control
- Continuous data consistency check and alerts for users if updates are needed
- Simple UI for updating AIP releases in published AIP management systems (PAMS)



smartAIP and smartWebClient at a glance

- ICAO Doc 8126 and the EUROCONTROL eAIP specifications
- Powerful table generation tools allow direct access to AIXM 5.1 database
- Single source of layout templates ensure unified appearance in the entire publication



Benefits

smartAIP and its database interface smartWebClient are sophisticated tools for AIP document management. This is accomplished by using the AIXM 5.1 repository to source the required information to create chapters and charts. By utilising a single source, the potential for data errors is eliminated.

The smartWebClient provides an easy way to manage the entire publication structure including version control. The smartAIP can be complemented by smartCharting to modernise and largely automate the whole AIP production process including aeronautical charts.

Technical specifications

Industry compliance	AIXM 5.1, ICAO Annex 15, ICAO Doc 8126, EUROCONTROL eAIP specifications, ADQ
Published formats	AIPs and eAIPs in PDF and HTML
Data document types	ICAO Annex 15 compliant AIPs, AIP amendments, AIP supplements and circulars

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