Product brief: CADAS-AIP

Comprehensive AIP document management

The Frequentis Aeronautical Information Publisher CADAS-AIP is an application for the creation and editing of aeronautical publications such as AIPs, eAIPs, and also customised publications like VFR manuals. The automated publication-generation process has been developed in accordance with the requirements of international aviation authorities and the needs of AIM operators. Employing a data-centric approach, the latest aeronautical information is taken from an AIXM 5.1 data repository (e.g. CADAS-AIMDB) and used to automatically implement data changes into all publications.

The CADAS-AIP is integrated with the publication management component. This is a browser-based application for the management of documents and publications, and it simplifies and coordinates the publication process. It also provides an interface to external systems such as EAD PAMS. Publication management contains integrated workflows to allow the tracing of publication steps for legal recording purposes.

Key features

CADAS-AIP

- Creation of monolingual and bilingual AIPs
- Creation of autogenerated data-driven tables
- Contains complete set of data-driven tables and chapters according to ICAO specification
- Automated version control
- WYSIWYG text editor
- Automated highlighting of document changes in accordance to ICAO Annex 15
- Creation of custom publications based on a single data source
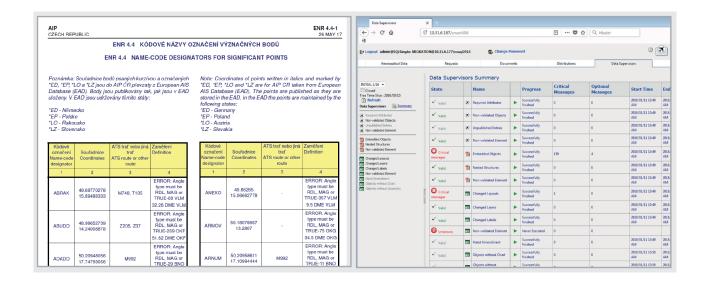
CADAS-WebClient

- Workflows for updating text and charts including verification and publication steps
- Management of text and charts in a single application
- Handling of multiple AIP publication types – ICAO Annex 15 or custom
- Temporality including version control
- Continuous data consistency checks and user alerts for updates
- Simple UI for updating AIP releases in published AIP management systems (PAMS)

CADAS-AIP & publication management at a glance

- Complete publication tool developed in compliance with ICAO Doc 8126 and the EUROCONTROL eAIP specifications

- Powerful table-generation tools allow direct processing of data from AIXM 5.1 database

- Single source of page layout templates ensures unified appearance throughout the entire publication

Air Traffic Management

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Benefits

CADAS-AIP and publication management provide sophisticated tools for the management of AIP documents. The use of the AIXM 5.1 repository as a single source of AIXM data for the creation of chapters and charts eliminates the potential for data errors.

The publication management functionality provides an easy way to manage the entire publication structure including version control.

CADAS-AIP can be complemented by deploying CADAS-Charting to modernise and largely automate the whole AIP production process including aeronautical charts.

Facts and figures

Compliance with industry standards	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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