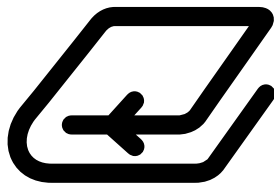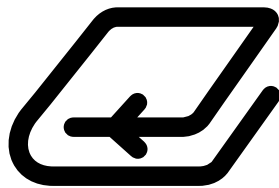# eAIP.wiz@rd
eFLIP.wiz@rd

A Total Publication System

e AIP.wiz@rd

e FLIP.wiz@rd

ICAO Integrated Aeronautical Package

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

The eAIP.wiz@rd provides the user with integrated quality process management for the publishing of three part AIP, AIP Amendment, AIP AIRAC Amendment, AIP Supplement, AIP AIRAC Supplement and AIC as defined by ICAO Annex 15 as well as any other custom publication types.

NATO Flight Information Publication

The NATO Military Agency for Standardisation (MAS) has set up Standardisation Agreements (STANAG) which require all member nations to publish a Flight Information Publication (FLIP) and to exchange FLIP data. ICAO Annex 15 is applicable to ensure that the integrity classifications of all aeronautical data are achieved.

The eFLIP.wiz@rd provides the user with integrated quality process management for the publishing of FLIP and FLIP Amendments in NATO STANAG 3970, CENOR FLIP or in any other custom format.

Human Machine Interface

eAIP/eFLIP.wiz@rd consists of a user friendly windows based interface for data entry, approval and publication generation. The windows menu structure is designed to ensure the proper workflow of all data through the entire publication process, from raw data reception to final publication generation.

eAIP/eFLIP.wiz@rd Features

eAIP/eFLIP.wiz@rd provides professional DTP WYSIWYG text processing functionality and full XML support.

The XML document structure allows the system to correlate the number of metadata information with every structural element in the document and export to different formats.

Rich DTP functionalities allow manual improvements of layout of any document in order to fulfil operational requirements of target organization.

The following are the features of the system:

✦ Workflow Management
✦ Data Management
✦ Change Management
✦ Document Generation
✦ Document Management

Workflow Management

Close interconnection with the eADP.wiz@rd workflow management system ensures that the raw data received is assessed, approved, stored and processed in a predetermined sequence and that all actions are legally recorded. It provides tracing over the whole workflow for all actions are taken.

Data Management

Integration with Avitech's eSDO.wiz@rd aeronautical data management system enables to link text parts to database elements. This allows auto-

mated update of the text parts whenever the element is changed in database and to generate complete parts of the publications as aerodrome sections, en-route and other tables linked to the database.

Change Management

The eAIP/eFLIP.wiz@rd provides number of change control functions including generation of "what to do" list for a specified publication cycle (what should be changed and what publication elements are affected), recording of all changes (who, what, when, why), automated change bars and change highlighting.

Document Generation

Based on the change analysis the eAIP/eFLIP.wiz@rd automates update of header and footer information and generation of special publication parts as tables of content, checklists, list of amendments and supplements, list of hand corrections and cover pages. Then the final step in the publication process is the compilation of distribution-ready version of documents containing only the changed parts or complete publication based on the publication type.

Document Management

Document management system stores all documents maintained by system. It is used for AIP publications, Supplements, Amendments, AICs, custom publication types and charts. As every document edition is identified by its effective and publication date DMS is able to store past, current and also future versions of the publications at the same time.

Publication Export

Export of the complete publication, amendment or selected publication elements into the following formats is supported:

→ Adobe Portable Document Format (PDF)
→ Eurocontrol AIP DTD Export
→ Standard Generalised Markup Language (SGML)
→ Extensible Markup Language (XML)
→ Hypertext Markup Language (HTML)
→ Adobe FrameMaker Format

Multi Language Support

The publications can be published in any language. The eAIP/eFLIP.wiz@rd supports also multi-language publication production. A two column version, which provides dual languages in separate column side by side or two volume versions with two languages in separate volumes are supported.

Mapping & Charting Integration

The eAIP/eFLIP.wiz@rd can be combined with the eMAP.wiz@rd – Avitech's ICAO Annex 4 charting solution, for integrated chart production and publication based on the same aeronautical data and workflow.

NOTAM Integration

Automated issue of Trigger and Cancel NOTAM proposals on publication release or NOTAM incorporation and generation of NOTAM summary documents are possible when the link to NOTAM system is established.

System Requirements

The minimum system requirements are:

→ Server
  Oracle 10g
→ Client
  Adobe FrameMaker SGML 7.X or 8.0
→ Operating System
  Client: MS Windows XP
  Server: Oracle 10g supported platforms
→ Hardware
  Client: Core 2 Duo Processor (2.20 GHz), 2 GB RAM, 500 MB disc space
  Server: Quad-core CPUs (2.83 GHz), 4 GB RAM, 2x 500+ GB disc space

Conformance Statement

The eAIP.wiz@rd is designed to assist the implementation of an ICAO Annex 15 recommended Quality System in AIP Departments of state AISs and organizations working on behalf of states to publish AIPs.

The eFLIP.wiz@rd is designed to assist the implementation of NATO STANAG 3970 and 7005 by taking advantage of the ICAO Annex 15 recommended Quality System in military Aeronautical Information Publication Departments of NATO member nations.