ubitech
inspire change.

20+ YEARS EXPERIENCE
Est. 1986

AIP MANAGEMENT MADE EASY

Ubitech SkySource is one of the only eAIP production platforms that actually makes producing an AIP easier than the alternative of doing it manually. We streamline the production process while empowering the user with total control over both the textual and graphical components.

- Workflow management according to ICAO standards
- Revision & version control
- Document & template editing
- Automatic generation of aeronautical charts
- Publication in many electronic formats for web access
  - HTML,
  - XML,
  - PDF, etc.
- High-quality formats for print products

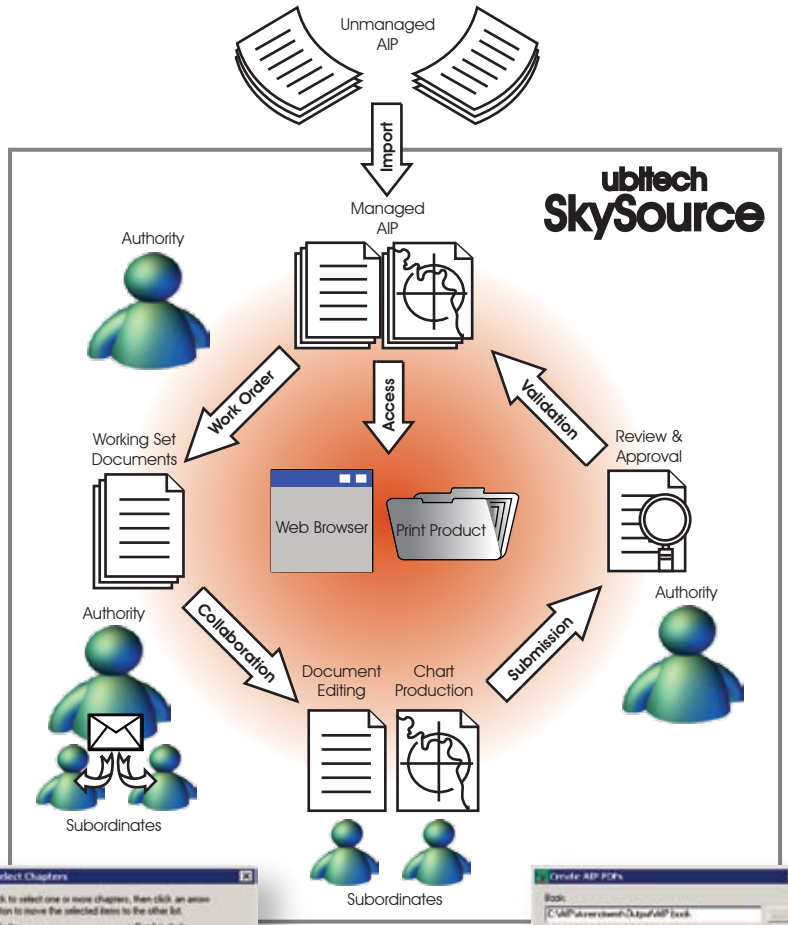
By using Ubitech SkySource, a user can produce:

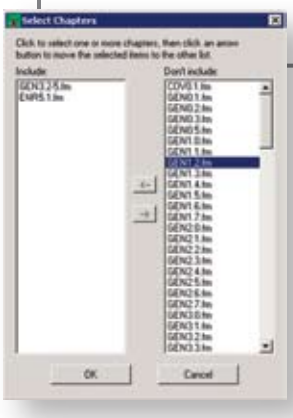
- ICAO Compliant AIP
- AIRAC Amendments
- AIRAC Supplements
- Aeronautical Information Circulars (AICs)
- Non-ICAO documents & charts

WORKFLOW MADE EASY

A surprising number of countries are unable to issue AIP amendments according to the AIRAC cycle due to a lack of resources and expertise. Ubitech SkySource makes it possible for these countries to achieve compliance to ICAO's standards. Through systematically managing the AIP workflow, Ubitech SkySource reduces the required workload and produces a higher quality AIP.

- Collaborative work environment
- Resource (Users) management
- Designation of working sets of documents
- Workflow status
- Content ownership & authorization
- Assignment & scheduling of tasks
- Automated review & approval process
- User notifications through integrated email





Selecting AIP chapters to add to a working set

Creating a PDF version of the AIP

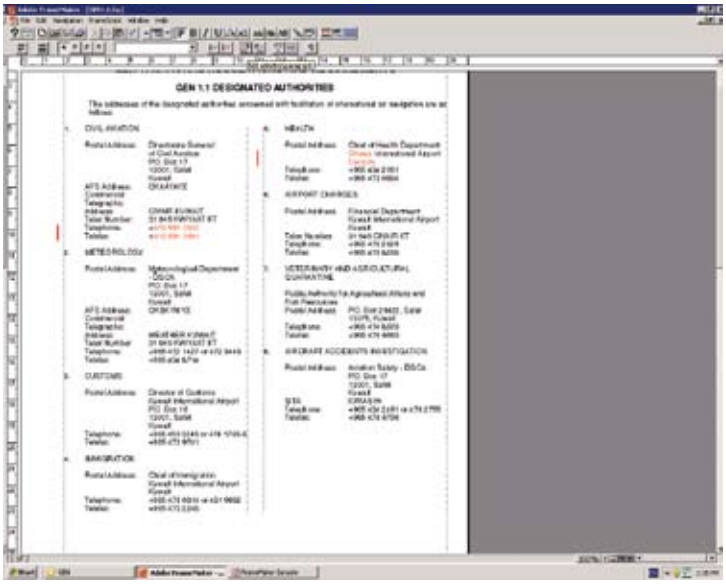
ubitech SkySource AIP eManager

www.ubitech.com

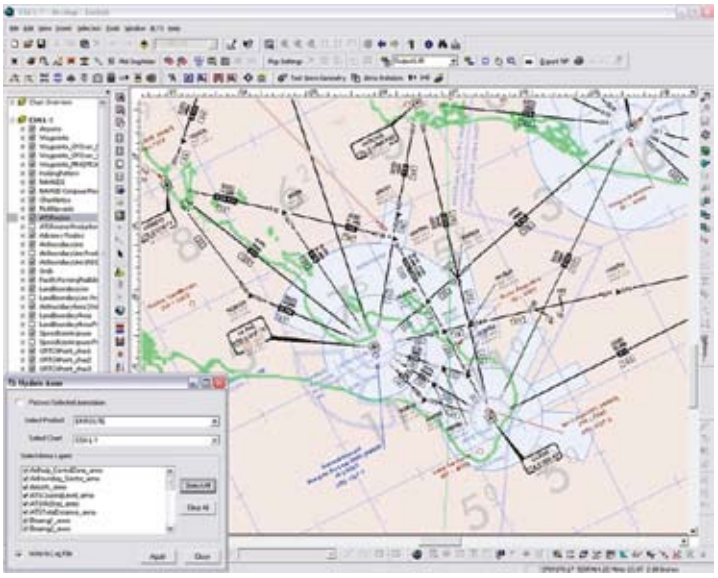
DOCUMENT PROCESSING

SkySource makes use of industrial COTS software to provide the user with effective tools for making modifications to textual portions of the AIP. We've combined Adobe FrameMaker with the Miramo database publishing engine as our solution for working with data-centric documents.

- Robust document templates
- ICAO compliant structure and format
- Separation of fixed textual elements from dynamic data elements
- Integration with static AIS databases
- Simplified management of data-centric sections like the Enroute Tables
- Automatic insertion of change bars



Example of an AIP document being edited



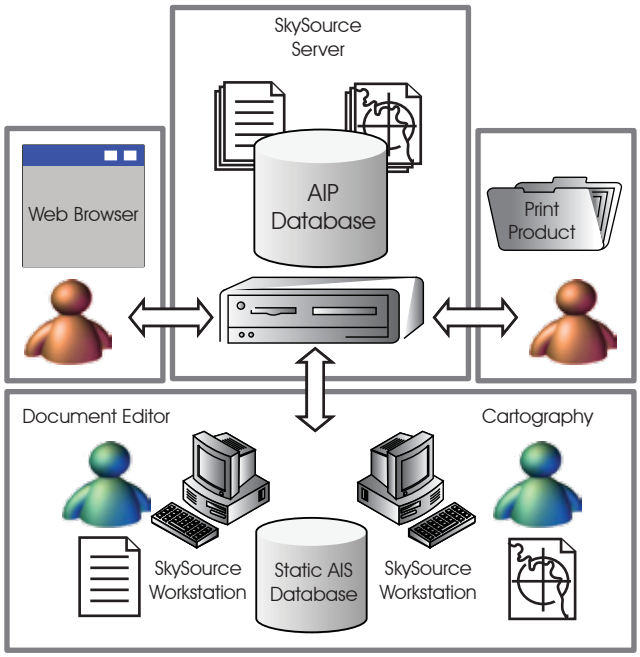
Example of an aeronautical chart in production

AERONAUTICAL CHARTING

SkySource's aeronautical charting capability, is built on ESRI's PLTS solution which maintains a local database of GIS and Static AIS data. Depending on the deployment environment, the user can choose to manage their own AIS data through the PLTS interface, or choose to import managed AIXM data from an external source. In either case, the system automatically generates ICAO compliant charts of the following varieties:

- Aerodrome Obstacle (Type A,B,C)
- Enroute
- Standard Departure (SID)
- Instrument Approach
- Aerodrome/Heliport
- Aircraft Parking/Docking
- Precision Approach Terrain
- Area
- Standard Arrival (STAR)
- Visual Approach
- Ground Movement

While these charts can be produced with very little user intervention, the user maintains the ability to make modifications as desired.



SKYSOURCE ARCHITECTURE

A typical **SkySource** deployment uses client/server architecture in which a central Linux-based server houses the following:

- Workflow management software
- AIP Database
  - Active AIP documents & charts
  - AIP Documents & Charts undergoing change
  - Archive of historic AIPs
- Publishing Engine

The client workstations are COTS PC's running the Windows O/S and are used to perform the manual changes to the documents & charts using FrameMaker for documents and a ESRI's PLTS charting application for charts. The PLTS workstation application hosts a local static AIS database that is used for charting and data-centric portions of the AIP documents.

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