



# AIS Librarian

Synclude AIS Librarian™ is a Web-based application dedicated to indexing and searching through a set of EUROCONTROL eAIP documents (including AIP amendments, Supplements and Circulars).

- ✓ Intelligent searches with domain knowledge
- ✓ Indexes locally stored and remotely accessible eAIPs, eAIC and eSUP
- ✓ Manage pre-defined searches for quick access to data
- ✓ Ideal for PIB, NOTAM Office and planning
- ✓ AIS offices: Give access to the search engine to your customers

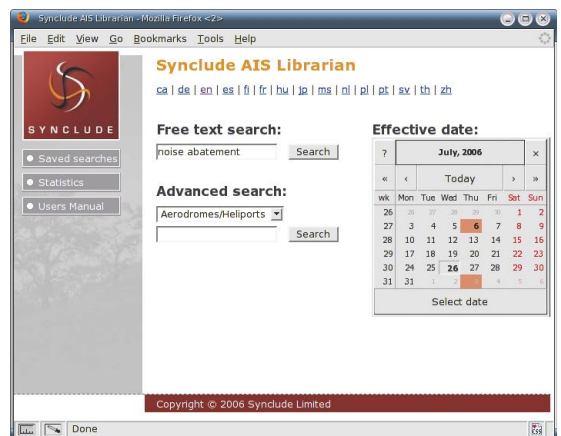
## User queries

Users are offered 2 different ways to query AIS documents:

### Text-based queries

Just type one or more keywords and the search engine responds with a list of all documents where these keywords are found. Results are presented with relevant meta-data for each document found, such as the AIP section, aerodrome/heliport ICAO code, the document format (PDF or HTML) and an extract of the text where the given keywords were found.

Additionally, graphics in SVG formats are searched as well, so that users can look for occurrences of one or more keywords in aeronautical charts.



### AIS-specific queries

A set of special context-commands are defined to make more precise queries. For example, "aerodrome:restaurant" displays occurrences of the word "restaurant" in the context of any aerodrome in the AIP. The search results present the AD 2.5 sections for each aerodrome which has a restaurant.

Synclude AIS Librarian™ recognises several context-commands such as "aerodrome:" and "chart:", which allow users to easily search for keywords in the context of a specific AIS concept.

## Synclude

37 Av. Chazal

1030 Brussels

Belgium

Tel +32 2 736 38 93

Fax +32 2 742 96 73

info@synclude.com

www.synclude.com



## Advanced Queries

Even with AIS domain knowledge, some queries are too specific to be realised with just a text-based search. For instance, the query "runways at least 2km long" would not give relevant result with a text search.

For this kind of queries, Synclude can develop custom search forms and custom presentation of search results to suit your requirements.

Advanced queries can include any number of criteria for a given AIXM feature.

## Indexing

Synclude AIS Librarian™ works by indexing AIS files in HTML and PDF format, as well as graphics in SVG format. It also uses an AIXM snapshot for advanced queries. This allows for both a traditional full-text search and custom queries.

During indexing, Synclude AIS Librarian™ uses advanced document parsing rules and knowledge of the AIS domain in order to enable intelligent queries throughout a set of AIS documents and across AIP amendments.

## Multi-lingual support

Synclude AIS Librarian™ is designed from the start to support international users. This support is present in 3 aspects:

- ✓ Its Web interface is easily translatable in virtually any language, so that search forms, custom queries and search results are presented to users in their own language;
- ✓ Queries support virtually any language, so that users can input search keywords in their own language;
- ✓ Indexing accepts and recognises AIS documents in virtually any language.

### Synclude

37 Av. Chazal

1030 Brussels

Belgium

Tel +32 2 736 38 93

Fax +32 2 742 96 73

info@synclude.com

www.synclude.com

More information available on <http://www.synclude.com>