Fortion® MediaMining Product User Manual
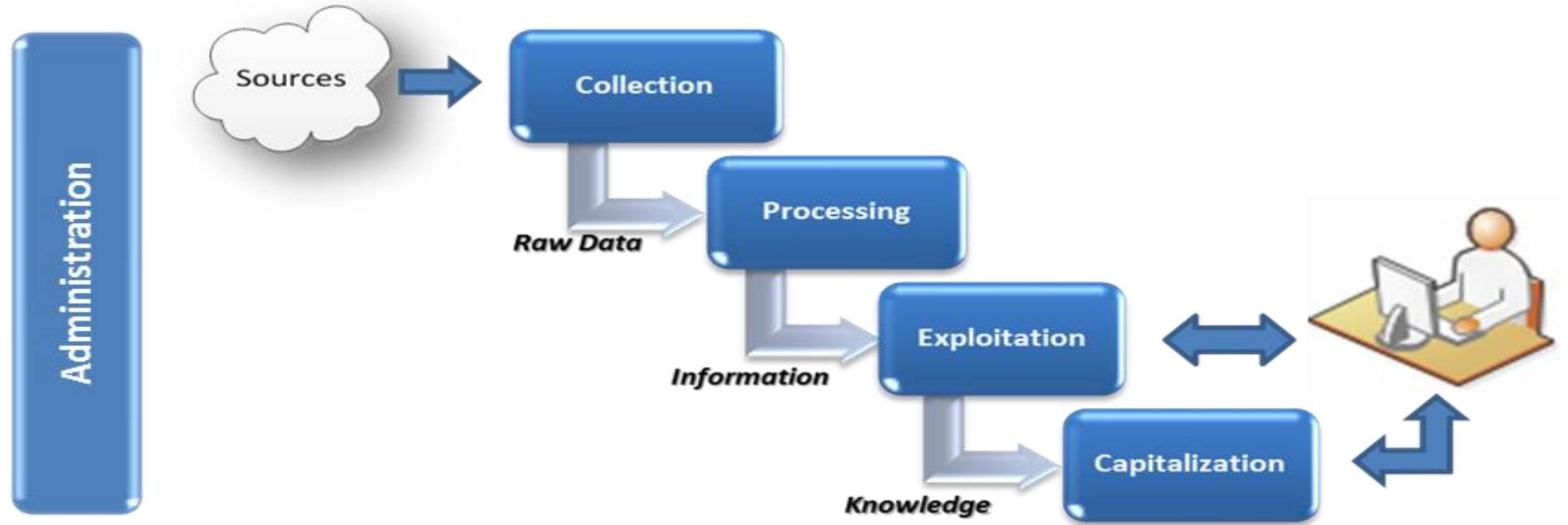
Edition 00 Revision 01

06/09/2017

AIRBUS

FortionMM Functionalities

AIRBUS

FortionMM Overview

About Fortion Media Mining 2.1 version
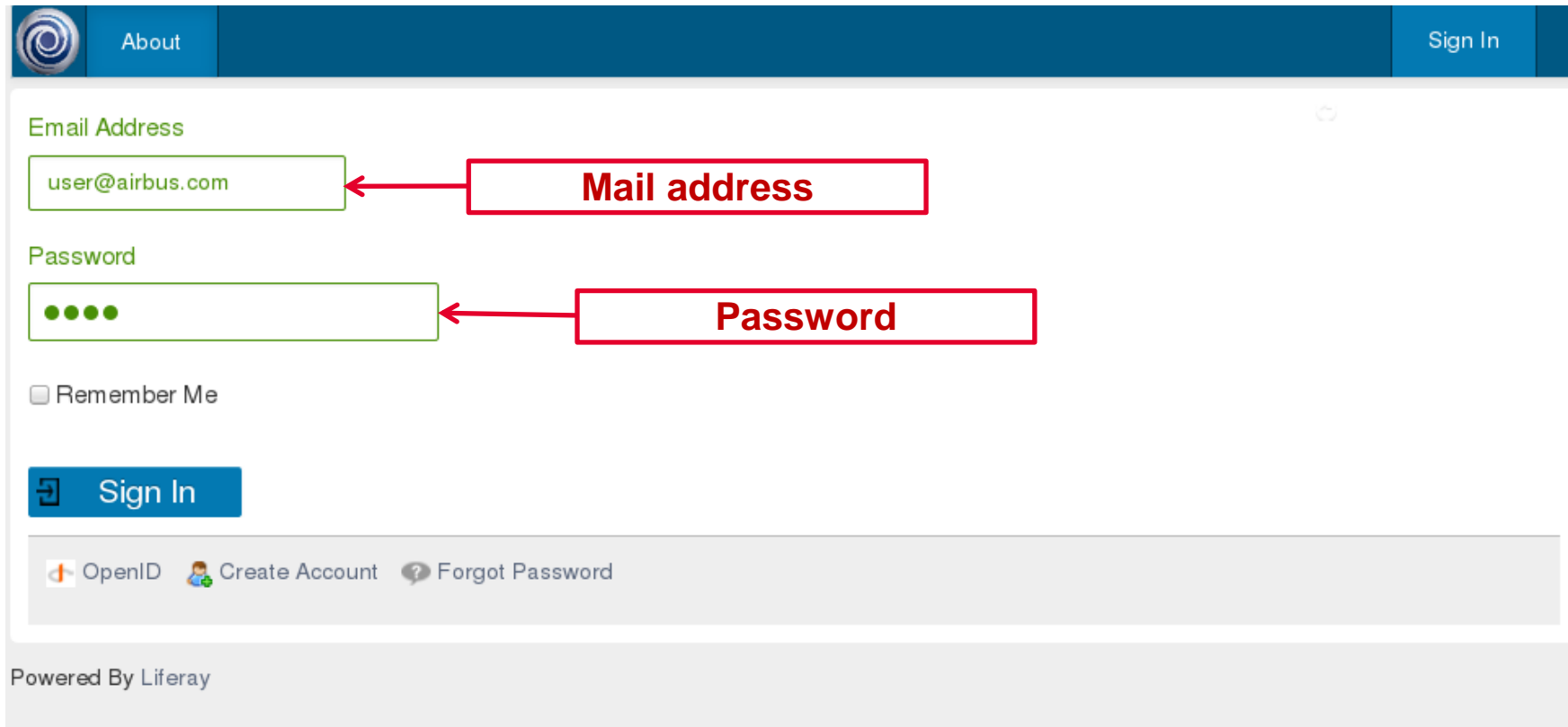
AIRBUS

FortionMM Overview
User Role: Standard User

AIRBUS

How To Access The Application?

A first UI to allow the user to log into the application.

AIRBUS

FortionMM Overview – Main Menu

A general view of all the tabs in the application.

| Document content analysis | Monitoring of favorite topics | | Setting aside interesting documents |
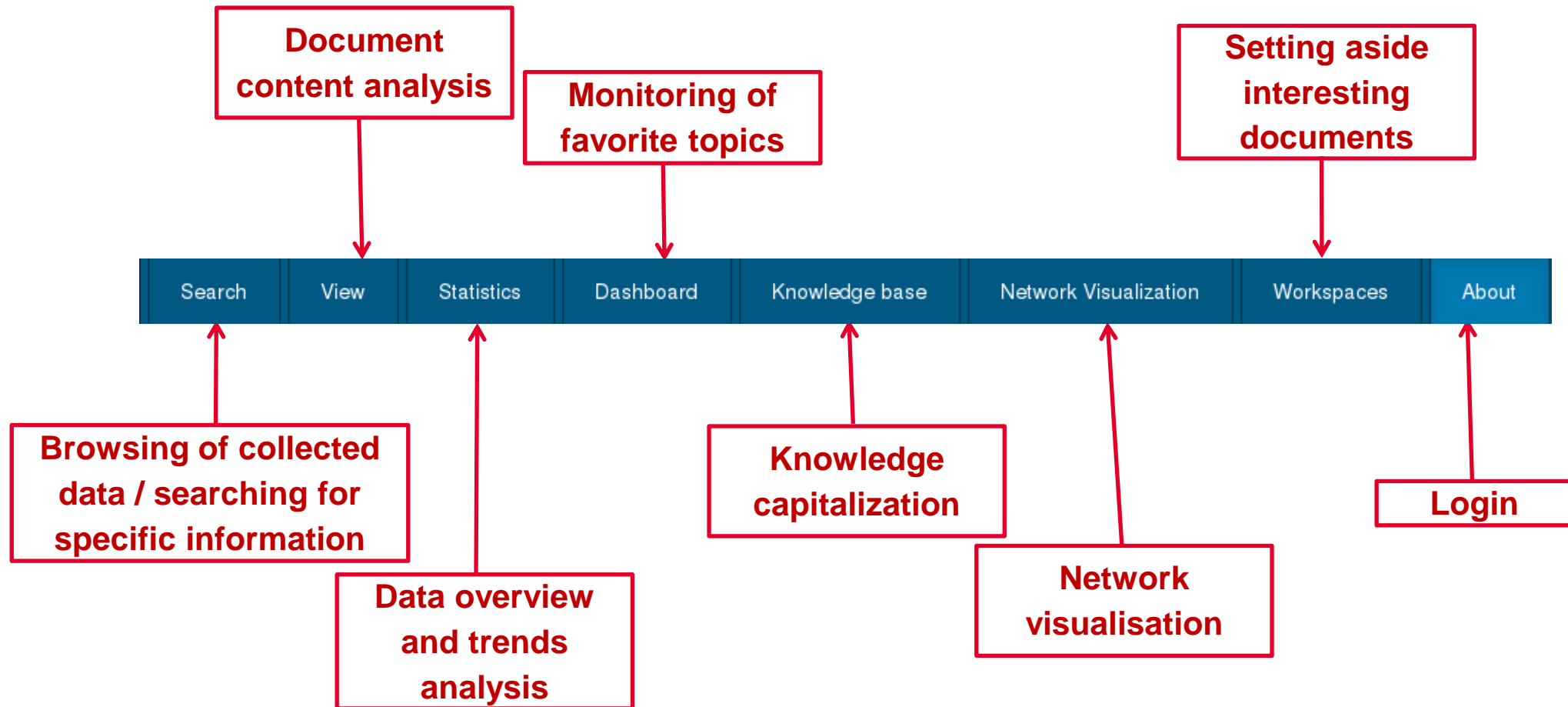
Main menu tabs: Search | View | Statistics | Dashboard | Knowledge base | Network Visualization | Workspaces | About

- Browsing of collected data / searching for specific information
- Data overview and trends analysis
- Knowledge capitalization
- Network visualisation
- Login

AIRBUS

FortionMM Overview – Search

The search UI lets the user search with keywords, filter with facets, set alerts and see the results.

AIRBUS

FortionMM Overview – Search

Input keywords

Command

Current search index

Results sorting criteria

Composed request

AIRBUS

FortionMM Overview – Search

Collection time range

Calculated Facets for request refinement

AIRBUS

FortionMM Overview – Search

Documents found

Language, date and title

To add selection into workspaces

Check box for selection

Snippet

Dynamic link

Access to Metadata

AIRBUS

FortionMM Overview – Search

terrorist event

| Today:2 | This week:2 | This month:2 |
| Yesterday:0 | Last week:0 | Last month:0 |

about al-qaida

| Today:5 | This week:5 | This month:5 |
| Yesterday:0 | Last week:0 | Last month:0 |

locate in Mali

| Today:26 | This week:26 | This month:26 |
| Yesterday:0 | Last week:0 | Last month:0 |

Saved alerts and statistics

AIRBUS

FortionMM Overview - Available Facets

Facet	Origin
Language	Automated Detection (English, French, German, Arabic, Chineese, etc.)
Format	Metadata (HTML, XML, pdf, doc, etc.)
Type	Metadata (Folder, Forms, News, …)
Author	Metadata (Creators)
Gathering Seed	Gathering process configuration
Wookie Objects	
Place	Automated detection (Resident geographic comprehensive database)
Event	Automated detection (Military Event, Contract Signature, Announcement, …)
Person	Automated detection + Booster via added entities in Knowledge Base
Organisation	Automated detection + Booster via added entities in Knowledge Base
Product	Automated detection + Booster via added entities in Knowledge Base

AIRBUS

FortionMM Overview – Request Syntax And Operators

Facet	Syntax
AND	`Polynesie AND France`
OR	`Polynesie OR Tahiti` ⇔ `Polynesie Tahiti`
NOT	`Polynesie NOT France`
quotes	`"Polynesie Française"` ☐ Looking for the whole characters string
boolean rules	`Polynesie AND (Tahiti OR Papeete)`
Facets AND	Select label facets in the presented list
Facets NOT	Select 🔴 to exclude facets

AIRBUS

FortionMM Overview – Document Viewer

The document viewer allows the user to see the document metadata and the document content with highlighted information.

AIRBUS

FortionMM Overview – Document Viewer

Document content with highlighted annotations

Metadata

Legend

Pop-up window

AIRBUS

FortionMM Overview – Workspaces

The workspace allows a user to set relevant document aside. It also enables to generate word report and send them by e-mail.

AIRBUS

FortionMM Overview – Workspaces

Workspaces management (Add or remove)

Exploitation:
➢ **Email**
➢ **Word report**

Selection box

Documents set aside by the user
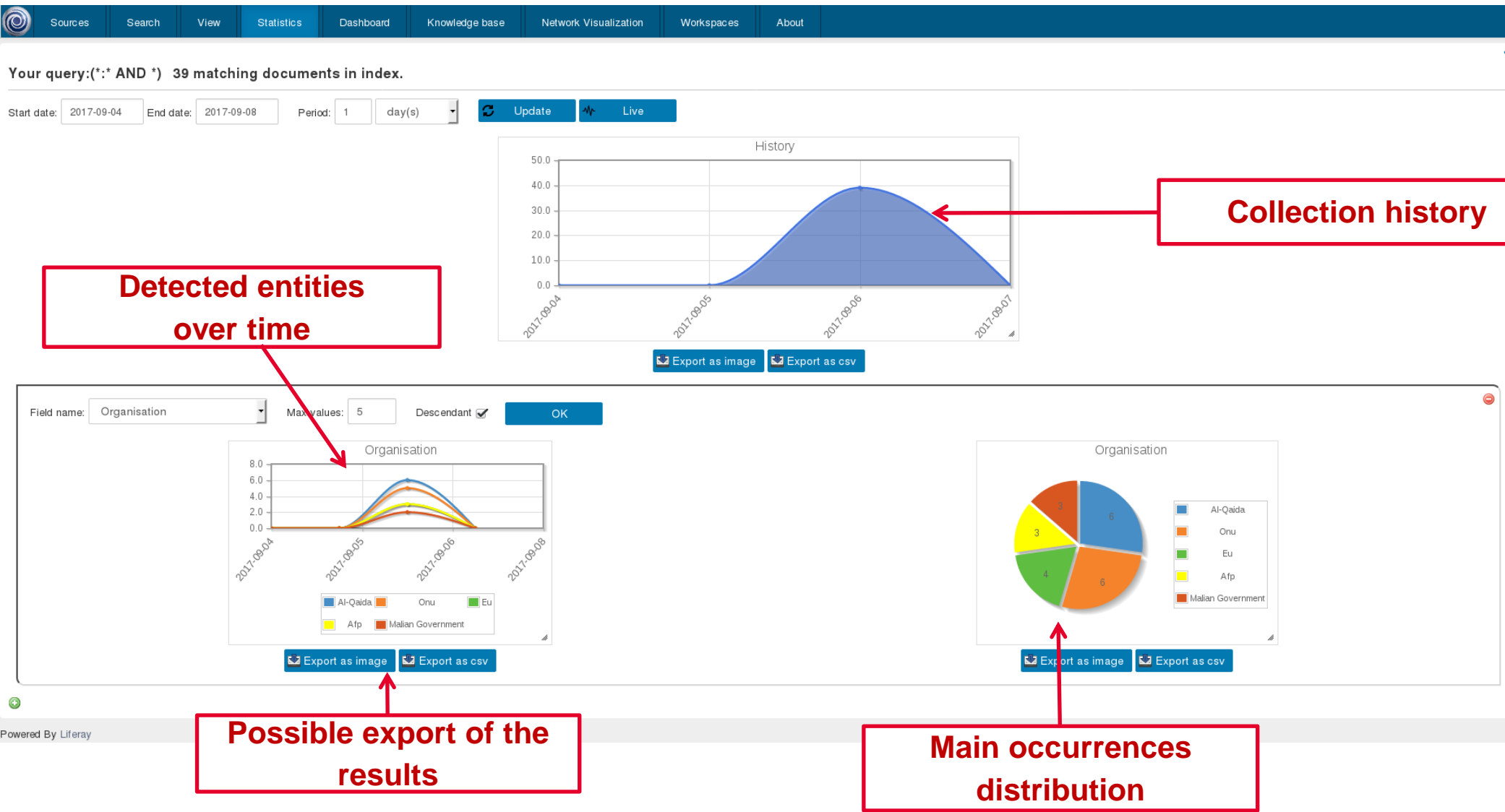
AIRBUS

FortionMM Overview - Report Generation

FortionMM Overview – Statistics

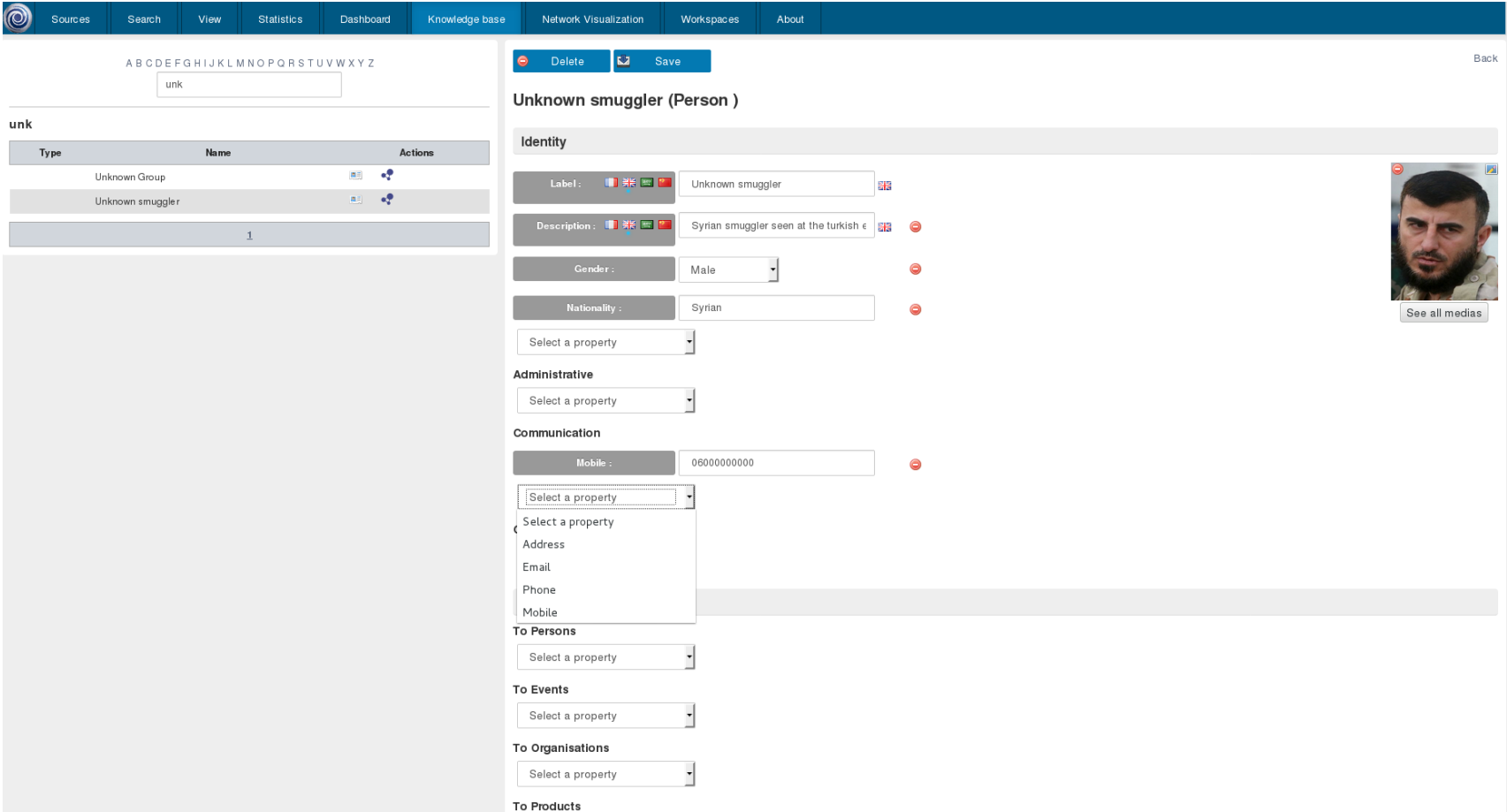**The statistic view enables the user to see the trend about stored documents. An export of all graphs is possible.**

AIRBUS

FortionMM Overview – Statistics

Collection history

Detected entities over time

Possible export of the results

Main occurrences distribution

AIRBUS
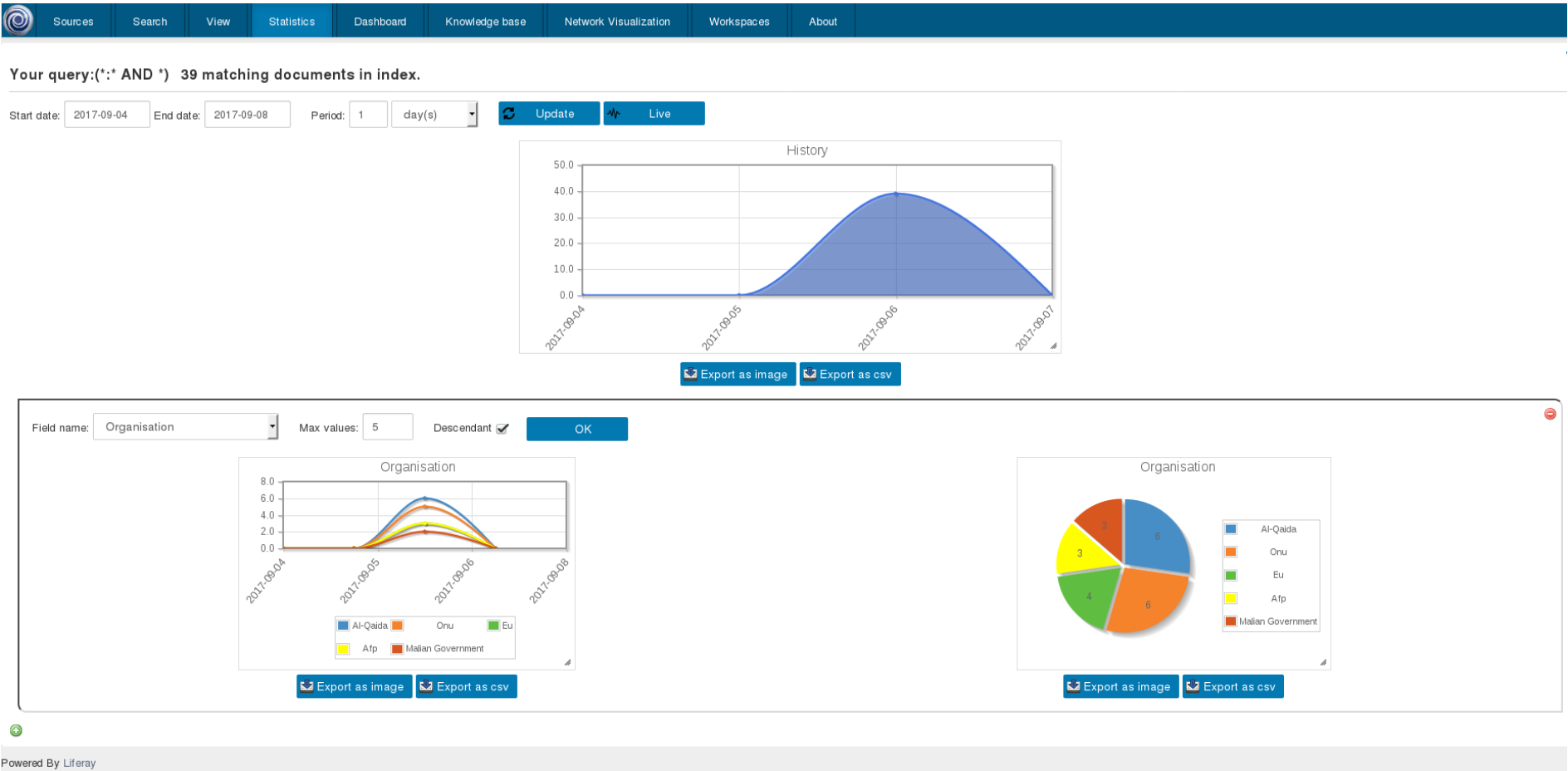
FortionMM Overview – Knowledge Base Editor

The Knowledge base editor allows a user to create entity (place, person, event…) and set information about it.

AIRBUS

FortionMM Overview – Knowledge Base Editor

Entity index

Display relation in graph

WOOKIE properties

Editable fields

Relationships definition

AIRBUS

FortionMM Overview – KDB Enrichment

Link to knowledge base to create or see this entity

AIRBUS

FortionMM Overview – KDB Enrichment

The user can create or view a recognized entity directly from the document viewer by clicking on it.

Recognized entity from the document viewer

Possible access to the relational network

AIRBUS

FortionMM Overview – Network Visualization

Another way to visualize relationships between other entities
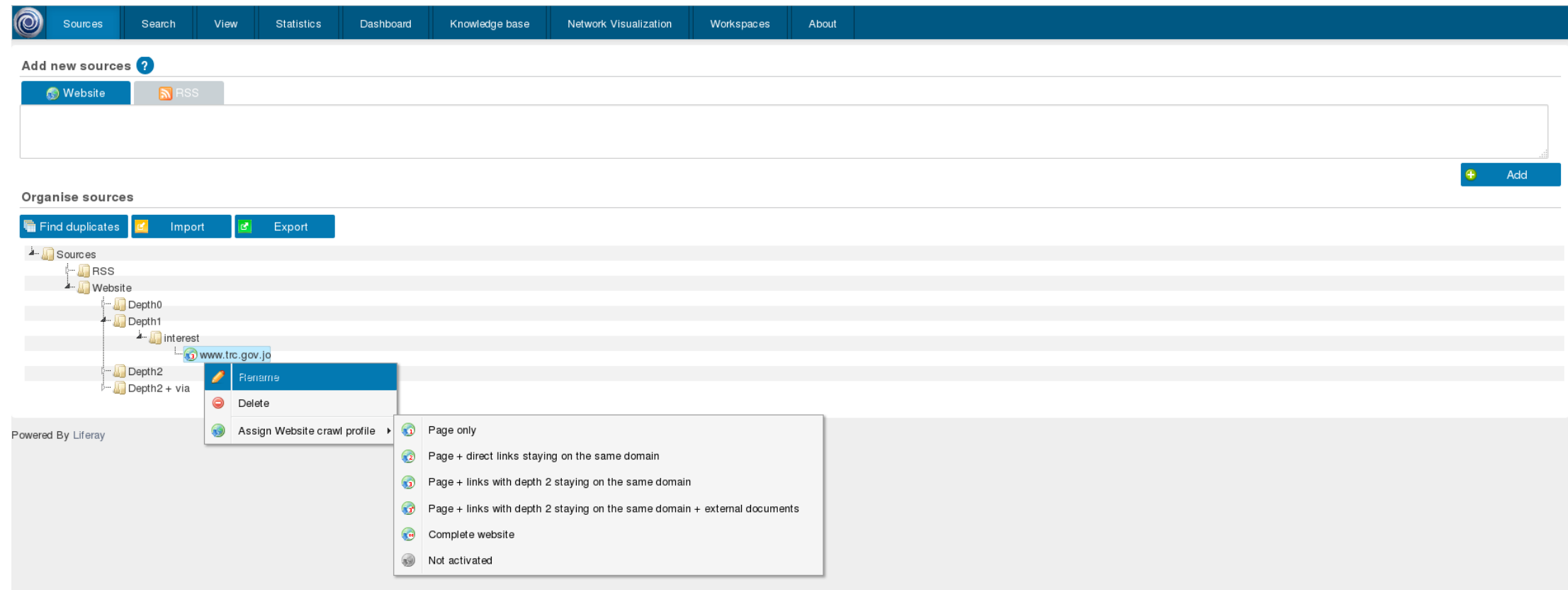
AIRBUS
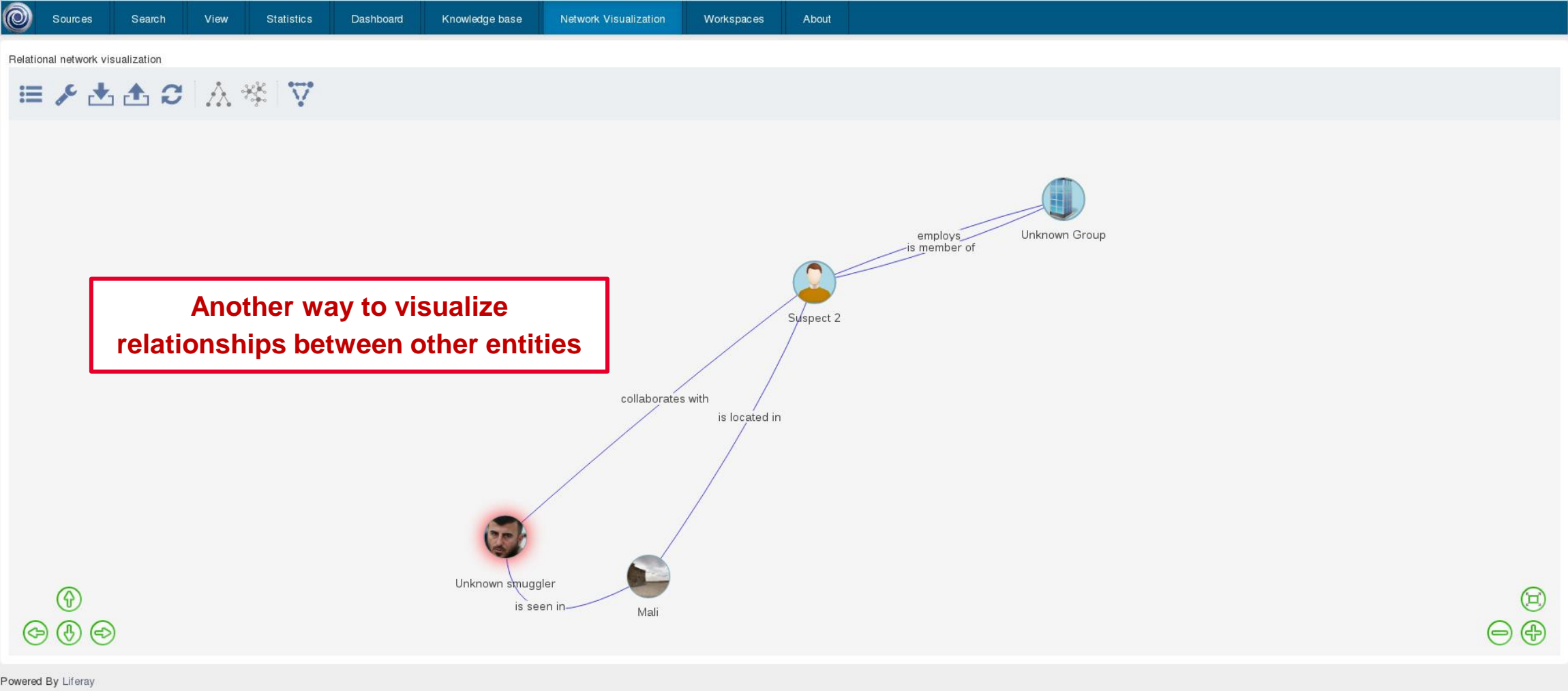
FortionMM Overview
User Role: Advanced User

AIRBUS

FortionMM Overview - Source Management

The source management allows the user to put new sources. For each source the searching depth can be set directly in this UI.

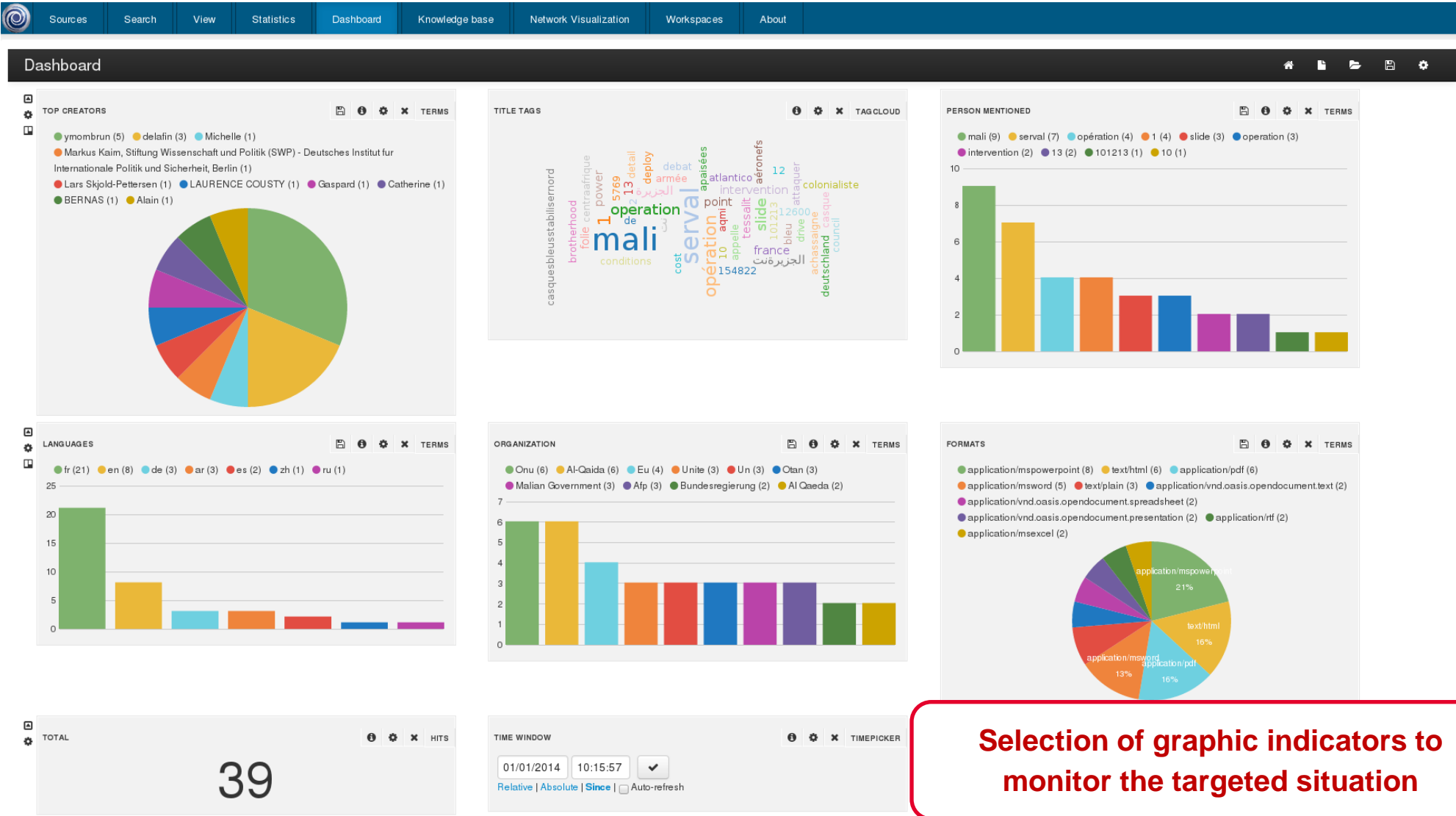**AIRBUS**

FortionMM Overview - Source Management

To add new sources

To export all added sources or import from file

To assign collection profiles to sources

Seeds of sources to be crawled (Web sites, RSS feeds)

AIRBUS

FortionMM Overview - Dashboard

Selection of graphic indicators to monitor the targeted situation

AIRBUS

How To Start it ?


```
./weblab.sh start
./weblab.sh stop
./weblab.sh restart
./weblab.sh status


./weblab.sh {tomcat, liferay,
heritrix, karaf, activemq, solr,
fuseki, zookeeper}
start/stop/restart/status

./weblab.sh {tomcat, liferay}
{component} start/stop/restart
```

AIRBUS