Context

Terrorist activities are expanding and Civil aviation is a prime target for different reasons:

- ✓ Important & immediate response from the media
- ✓ Deep and persistent impact on public opinion
- ✓ Influence on governments
- ✓ Impact on economy

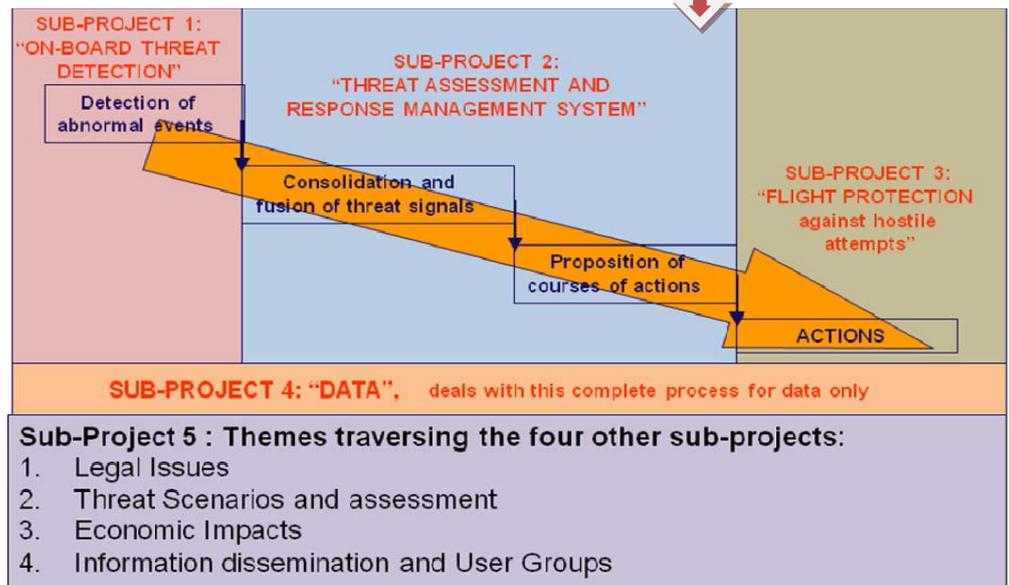With also multiple threats (missiles, explosives, hijacked aircraft used as weapon…)

To increase public's confience in the aerospace industry, the **European Commission** has supported a consortium including several of the most important industry players (Sagem Défense&Securité, EADS, Airbus Industries, British Aerospace, Thalès, …). Their aim is to develop a **new generation of on-board security systems**. In this program called SAFEE, **Objectiv**er has been **chosen to engineer the requirements** for the heart of those systems.

Our contribution

Used to build the requirements document for TARMS

SUB-PROJECT 1: "ON-BOARD THREAT DETECTION"
Detection of abnormal events

SUB-PROJECT 2: "THREAT ASSESSMENT AND RESPONSE MANAGEMENT SYSTEM"
Consolidation and fusion of threat signals
Proposition of courses of actions

SUB-PROJECT 3: "FLIGHT PROTECTION against hostile attempts"
ACTIONS

SUB-PROJECT 4: "DATA", deals with this complete process for data only

Sub-Project 5 : Themes traversing the four other sub-projects:
1. Legal Issues
2. Threat Scenarios and assessment
3. Economic Impacts
4. Information dissemination and User Groups

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Objectiver :
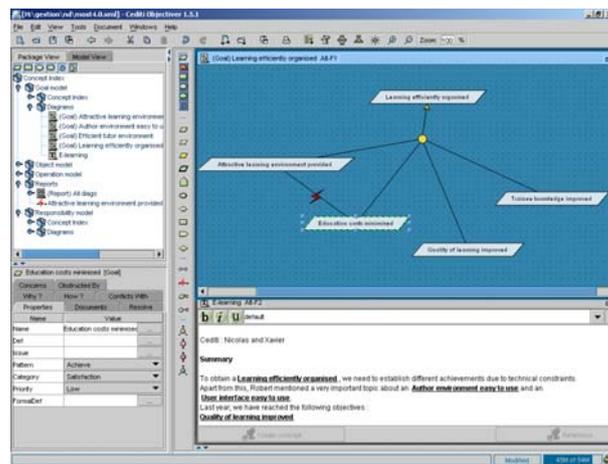## The power tool to engineer your business & technical requirements

Objectiv*er* is a Requirements Engineering tool for IT and business analysts to:

- ✓ Identify all of your project requirements using a structured modeling approach

- ✓ Create models that take user agents and the system environment into account

- ✓ Represent user scenarios and model business processes and workflows

- ✓ Generate structured requirements documents

Objectiv*er main features:*

- ✓ Automatic generation of RFQ/RFP

- ✓ Goal driven requirements analysis

- ✓ Multiple views on documents with easy navigation

- ✓ Completeness and consistency checks

- ✓ Traceability inside models, source, output documents

- ✓ Queries

Some customers