# Fortion®
# RECCE Engine®

Identify Mobile Targets
at First Sight

**AIRBUS**

# Fortion® RECCE Engine®

## Identify Mobile Targets at First Sight

**Fortion RECCE Engine is an innovative system that supports image analysts with rapid and reliable recognition of mobile assets in images or videos. This proven and sophisticated system, designed by experienced analysts, aims at identifying pieces of equipment for both tactical and strategic needs.**

## A data model for precise recognition

Fortion RECCE Engine ensures outstanding performance with the rapid recognition and identification of mobile targets, such as: aircrafts, liners, helicopters, UAVs and vertical start and landing (VTOL/STOL) objects, armoured vehicles (infantry carrier, personal carrier…), military vessels and submarines (cruiser, destroyer, patrol, support…), strategic weapon systems.

## Capabilities for image analysts' recognition needs

The system offers an extensive list of object characteristics identified by skilled analysts. It features an expert system interface integrating a complete model for each type of target. Furthemore, it allows optional connection to the Jane's database for additional information once the class or type of equipment has been identified.
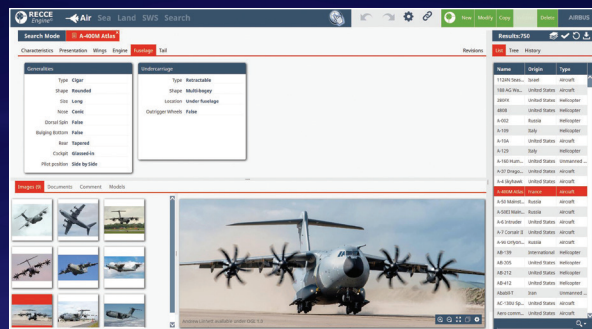
## Capitalisation

The platform facilitates the creation, and modification of targets, enabling authorised users to enrich media gallery (images and documents). It ensures secure storage and sharing of equipment characteristics among users.
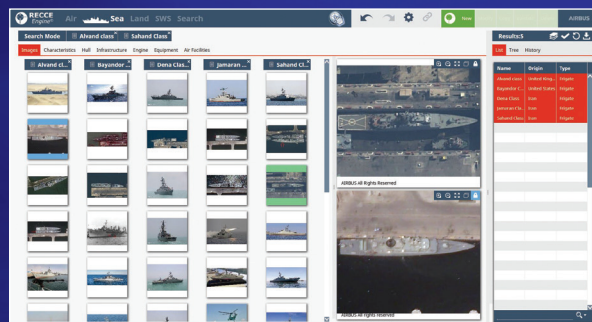
## 3D Shadow Simulator

3D visualisation of a given target under various lighting conditions

## 20 years of experience

Fortion RECEE Engine is a sophisticated solution, designed according to operational user feedback and based on more than 20 years of experience within image intelligence. In order to ensure continuous improvement of recognition performance, it enables initial training of beginners or lifelong training of experts.



Search Mode - Air: A-400M Atlas



Search Mode - Sea: Comparator

## Key Features

- Comprehensive database: more than 1,300 pieces of equipment already available
- Data provision for the creation and illustration of intelligence reports
- Powerful search engine for research on the totality of labels and values contained in all workspaces (air, land, sea)

## Key Benefits

- **Interoperability:** infrastructure and mobile target recognition with Fortion IMINT KDB
- **Time and cost savings:** high confidence in the identification of equipment
- **Data excellence:** evolutionary database thanks to smart completion of characteristics and import of specific content
- **Accessibility:** intuitive and user friendly man-to-machine interface

## Key References

- Worldwide Intelligence Services with more than 50 organisations

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