

# ALTRAN AERONAUTICS SPACE & DEFENCE EXPERTISE

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- **Civil Aircraft Manufacturer**
- **Business Jet**
- **Military Aircrafts**
- **Fret Transport Aircraft**
- **Planes for military special missions & Unmanned Aircraft**
- **Organisms (Civil Organization, Airports, Airlines, ...)**



## Altran **works on whole of products and aeronautical activities :**

- ✦ Components : valves, inertia station, ...
  - ✦ Systems : engines, cells, wings, avionics, ...
  - ✦ Chief architects : system engineering, Verification&Validation, ...
  - ✦ Airliners : maintenance, navigability, ...
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- From the conception of mechanical elements to the refurbishing of a VIP cabin.
  - From the research and design to the certification and validation tests, and even to the certification / navigability.

# Competency fields

**Altran offers to its customers its breadth of competencies in the following fields :**

- Research & Development
- Design (RFI, RFP, ...)
- Project Management, Organization
- Interface Clients & Organisms
- Engineering studies

- Tests, Integration
- Logistic, Purchasing
- Manufacturing methods
- Manufacturing processes
- Production

- Certification, Navigability, Maintainability, Technical Support
- Quality, Safety / Reliability, Risk Evaluation, Training

# Altran's trades in aeronautics

Altran organizes its offer through internal competency poles :

- Aircraft Systems
- Aerostructure
- Engine
- Avionic
- Testing
- Information Systems
- Certification / Navigability
- Automation
- Modelisation / Simulation
- HW /embedded / Real time
- Thermic, Energy
- Hydraulic
- Material
- Acoustics / vibrations

# Our main industrial partners

Altran 's competencies are acknowledged by Europe's main aeronautic players:

## ■ International Agencies

- ⊕ FAA
- ⊕ EUROCONTROL

## ■ National Agencies

- ⊕ The Department of Transport (France)
- ⊕ DGAC
- ⊕ ONERA

## ■ System Architects

- ⊕ SNECMA Moteurs Group
- ⊕ EADS Group
- ⊕ BAE Systems
- ⊕ THALES

## ■ Prime Contractors

- ⊕ EADS Group
- ⊕ BAE Systems
- ⊕ DASSAULT AVIATION

## ■ Airliner

- ⊕ AIR FRANCE

## ■ Systems & Equipments Suppliers

- ⊕ SNECMA Moteurs Group
- ⊕ GOODRICH
- ⊕ THALES Group
- ⊕ SAGEM
- ⊕ ZODIAC Group
- ⊕ SONACA, LATECOERE

## ⊕ Airports (Paris, London, ...)

# ASD Network presentation

## *ASD Network by Altran (Aero Space and Defense)*

- ASD Network links Altran companies which are very active and key actors in the fields of aeronautics, space and defense sectors.
- A World Wide geographical presence (EEC, Americas, Asia)
- The teams complementary
- Value added offers addressing system engineering, program management, scientific and technological expertise, engineering work packages performance, consulting in innovation and strategy
- High level skills and expertise world wide
- Flexible teams, adapted to major customer needs and constraints

# ALTRAN

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