Air Traffic Management
Shaping Tomorrow’s Sky
As the leading industry player in SESAR, a key technology partner for NextGen and ready for ICAO Aviation System Block Upgrades, Thales aims to ensure global harmonisation and interoperability. Thales brings a unique international dimension thanks to its worldwide expertise in ground, airborne and space domains.

- A SESAR first industry partner, with more than 250 experts dedicated to the programme
- Ready for SESAR Pilot Common Project deployment
- Validating key technologies in 2015: Flow Management, D-Taxi, i4D, Wake Vortex

- A key technology partner in US NextGen
- Delivering ADS-B and Data Comm projects

- All set for ICAO’s Aviation System Block Upgrades: block 0 Ready, delivering Block 1 technologies, on our way to Blocks 2 & 3
- Accompanying you in your move to the ASBU’s with solutions adapted to your needs and your challenges
What makes us unique

> From take-off to landing, Thales offers the most complete range of solutions to address all CNS/ATM needs

> Thales has deployed over:
  - 360 Topsky - ATM Solutions
  - 7,000 Navaids
  - 700 Surveillance Radars
  - 1,800 ADS-B and Multilateration equipment

> Over 40% of the world’s airspace is controlled by Thales

> Whatever your geographical constraints or traffic level, Thales combines technologies (radars and non radars) to provide you with the most adapted surveillance solution

> Thales has a unique capability of complex system integrator, bringing its global expertise to select suitable products and offer you the most comprehensive turnkey solution

> Thales provides integrated turnkey solutions for the military air traffic control environment

> AQUILA, Thales & NATS consortium, was selected by UK MOD to deliver Project Marshall

> Thales is committed to maximum data integrity protection against cyber threats

> Thales is the only ground industry in the SESAR Environment Support & Coordination Function
Customer first

- Trusted by over 170 countries
- Worldwide network of support centres: we are here for you on five continents
- Facilitate your day-to-day operations and benefit from a fully customizable support with Thales’s Services Solutions, TopCare.

> Ever heard of the Thales ATM Users Group? Join this 24-year old TUG community, a unique association of users with more than 80 customer representatives
> Customer satisfaction assessed and delivered every year

- Datalink
- AFTN / AMHS
- AIM
- VCS

ATFM  ATC Centre  ScanSim

Marker Beacon / Approach Lighting  Primary Radar  Airfield Vehicle Transponder  MLAT  GBAS  ADS-B  MLS Elevation  ILS Localizer
PASSION FOR INNOVATION

An undisputed innovation -and user- oriented environment dedicated to research and experimentations

Exploring new technologies through 4 Innovation Labs around the world:

- France (SkyCentre, The Link by Thales) Australia (CASIA) and the US (NextGen Innovation Lab)
- Capturing user’s needs to provide simple and reliable solutions
- Ideal environment to evaluate new concepts developed
- Integrating Human Factors approach for continuous enhancement of our solutions
FLIGHT INFORMATION REGIONS (FIRS)  
CONTROLLED BY THALES AUTOMATED  
CONTROL SYSTEMS

DID YOU KNOW?

➢ Widest range of CNS and ATM solutions
➢ 2 out of every 3 planes in the world take off and land safely thanks to Thales
➢ Leading role in SESAR / key technology partner in US NextGen
➢ ICAO ASBUs Block 0 & 1 compliant
➢ 24/7 innovation with our 4 labs in Australia, France and the US
➢ More than 60 Customers have already experienced the ATM Innovation Labs

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