

Innovation - Civil Aerospace - **Defence Aerospace** - Transportation - Defence - Security

Thales on the Defence Aerospace market





Raz @Thales

Thales systems are in operation in air forces all around the world. The group supplies onboard systems, equipment and services for military aircraft, helicopters and UAV's. In addition, Thales also develops a full range of global air defence and training and simulation solutions. Thales works hand-in-hand with air force customers to provide top class, cutting-edge technology and services that help them carry out their missions successfully.

Recognised expertise

- Thales equipment and systems have made the Rafale omnirole aircraft the best performer in its generation. They include the RBE2 radar with active phased array antenna, the Spectra electronic warfare suite, the Front Sector Optronics, DAMOCLES laser designation pod, AREOS recce observation system, communications, real-time datalinks, IFF, avionics and electrical power generation systems. Thales is also contributing to the Rafale's principal weapon systems as well as providing pilot training solutions and through-life support services for its onboard equipment and systems.
- Thales avionics and Communication, Navigation and Identification (CNI) systems equip all types of platforms: combat aircraft, transport aircraft, aircraft trainer, missiles and launch vehicles, UAVs, Airborne Early Warning and Maritime Patrol Aircraft and helicopters.
- Thales is prime contractor for the Watchkeeper system, Europe's largest UAV-based battlefield surveillance programme.
- ThalesRaytheonSystems is the prime contractor for NATO's Air Command and Control System (ACCS), which sets new standards of integration for air operations in Europe, providing a single, integrated approach to planning, tasking, monitoring and mission execution. The programme is now delivering a system that networks air C4I systems across 14 countries in NATO Europe covering more than 10 000 000 km².
- Since the launch of ThalesRaytheonSystems' latest generation 3D air surveillance Ground Master radar family, over 100 Ground Master family radars have been sold to Air Forces worldwide. This best seller radar family is manufactured by Thales for ThalesRaytheonSystems.
- Thales is the architect of large integrated air and missile defence systems. Our core competencies span the design, development and integration of very short (RAPIDRanger, RAPIDFire), short (Crotale, RAPIDDefender) and medium range (SAMP/T) air defence and precision strike systems and associated missiles (VT1, STARStreak and LMM). The Group is also one of Europe's leading suppliers of ac-

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tive, semi-active and passive seekers and fuzing systems. Thales is a member of the Eurosam consortium in charge of Europe's major cooperative missile programmes: SAMP/T (Sol Air Moyenne Portée Terrestre) and PAAMS (Principal Anti-Air Missile System).

- Thales equips UK forces with high-precision VSHORAD systems based on STARStreak missiles and is developing the new LMM (Lightweight Multi-Mission) missile family.
- Thales's Crotale system is now in service with the armed forces of more than 10 countries, including France (French Air Force and Navy).



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