AMASCOS®
Airborne mission system for ground and maritime surveillance
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Fully integrated airborne mission system for ground and maritime surveillance

Ensuring the success of safety, security and defence missions, over land and over sea.

SAFETY
- Area and border surveillance
- Traffic control in the EEZ
- Tactical situational awareness
- Recognized maritime picture
- Search and Rescue
- Anti-pollution

SECURITY
- Anti-terrorism
- Antismuggling
- Counter-narcotics operations
- High value asset protection
- Anti-piracy
- Hostage-taking management & intervention

DEFENCE
- Anti-Surface Warfare
- Anti-Submarine Warfare
- Intelligence: R-ESM, C-ESM & IMINT
- Guidance for cooperative assets

GROUND CENTRE
The AMASCOS® mission system can be completed by a ground centre composed of a mission support system (prepare, follow and analyse the mission) and a training section (tactical simulator).

HEADLINE FEATURES
- Comprehensive solution addressing airborne and ground segments
- Provides confidence in mission success for operators
- Designed for operations in complex theatres
- Built-in connectivity and interoperability for real-time situation management for both operators and authorities
- Easy to install, to learn, to operate and to maintain
- Reliable and robust
- Scalable for all kinds of missions and aircraft
- Committed to customer care

Illegal immigration and terrorism in unsecured areas are on the rise. In parallel, demand for maritime surveillance and maritime patrol aircraft is growing as worldwide submarine fleets expand, and as piracy and trafficking activities increase. Additionally, national sovereignty and security are posing the need for tighter control of desert and border regions, using outstanding airborne detection systems.

The Thales AMASCOS® mission system is the ideal solution to meet such a wide range of end-user operational requirements. The AMASCOS® portfolio now offers even broader multi-mission capabilities covering both ground and maritime surveillance missions.

Configured with the latest generation of sensor suites and innovative, user-friendly interfaces, AMASCOS® is already in service with numerous forces worldwide. This system is built around a Tactical Command System and integrates a full range of latest generation sensors and communication equipment.

With its modular architecture, the network-centric AMASCOS® system can be configured to optimize crew task sharing for either:
- Light and core configurations for safety and security surveillance roles (1-3 consoles, RADAR, AIS and EO/IR, C-ESM/COMINT)
- Or enhanced configurations for defence missions (4-5 consoles, radar, IFF, AIS, EO/IR, R-ESM/ELINT, C-ESM/COMINT, acoustics, MAD, SATCOM, datalink, radio, sea-pollution SLAR, sonobuoys, liferaft and weapons).