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## Thales launches new SEARCHMASTER® multirole surveillance radar



Quentin Reytinas © Thales

**At Euronaval 2014, Thales is launching the new SEARCHMASTER® multirole surveillance radar with active electronic scanning antenna (AESA) technology.**

SEARCHMASTER® is a truly multirole surveillance radar with the ability to meet all the surveillance requirements of five mission types: anti-surface warfare, anti-submarine warfare, maritime surveillance, ground surveillance and tactical air support.

SEARCHMASTER® features an AESA active electronic scanning antenna based on fully qualified technologies developed for the RBE2 AESA nose-mounted radar on the Rafale combat aircraft. The key benefits of this new product are extended range, 360° coverage, electronic scanning in the vertical plane for simultaneous short-range and long-range surveillance, and continuous detection in harsh environmental conditions.

This high-performance radar meets the requirements of airborne surface, ground and air surveillance missions. Thanks to its compact, lightweight design (approximately 75 kg), it is easy to install and integrate with a system. It is suitable for MALE (medium altitude, long endurance) UAVs, medium-tonnage or heavy-lift mission helicopters and mission aircraft (turboprop or jet-engined), providing all these platforms with multimission capabilities. In addition, the introduction of AESA technology, coupled with innovative concepts of integrated

### Key points

- The SEARCHMASTER® radar benefits from Thales's technological leadership in active electronic scanning antennas and the know-how acquired in this area on the Rafale combat aircraft programme.
- SEARCHMASTER® has been selected for France's ATL2 maritime patrol aircraft.
- SEARCHMASTER® offers extremely high levels of threat detection performance and meets the requirements of five mission types: anti-surface warfare, anti-submarine warfare, maritime surveillance, ground surveillance and tactical air support.

maintenance, pushes down maintenance costs and improves operational availability.

SEARCHMASTER® has been selected by the French defence procurement agency (DGA) for the French Navy's upgraded Atlantique 2 (ATL2) maritime patrol aircraft.

### Please visit

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#### About Thales

Thales is a global technology leader in the Aerospace, Transportation, Defence and Security markets. In 2013, the company generated revenues of €14.2 billion with 65,000 employees in 56 countries. With its 25,000 engineers and researchers, Thales has a unique capability to design, develop and deploy equipment, systems and services that meet the most complex security requirements. Thales has an exceptional international footprint, with operations around the world working with customers and local partners.



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