



LEONARDO AESA SURVEILLANCE RADAR TECHNOLOGY WILL BE ON-BOARD NEW SAAB GLOBALEYE

News / Manufacturer



- Saab's new GlobalEye Swing Role Surveillance System (SSRS) will integrate Leonardo's 'Seaspray' radar
- Leonardo's Active Electronically Scanned Array (AESA) technology sets the standard for surveillance radars, having been sold to 30 countries including for the UK and US Navies and for the Italian Air Force
- The Seaspray family of radars combine high performance with ultra-competitive levels of reliability and cost-of-ownership and are easy to operate

Leonardo AESA surveillance radar technology will be on-board new Saab GlobalEye

Leonardo has announced that its **AESA radar technology** will be on-board the new Saab **GlobalEye Swing Role Surveillance System (SRSS)**, which was unveiled last week in a ceremony in Linköping, Sweden. The radar, a **Leonardo Seaspray**, will allow the SRSS to conduct surveillance using a variety of advanced modes, enhancing the platform's ability to detect targets.

Seaspray is an AESA radar (standing for **Active Electronically Scanned Array**, also known as 'E-Scan'), which means that instead of the radar physically pointing its antenna at a target, a matrix of miniature radar modules are used to steer the beam electronically. Because of the Company's high level of expertise in this technology area, its **Seaspray** and **Osprey** families of

surveillance radars are able to combine high performance with ultra-competitive levels of reliability and cost-of-ownership, as well as being easy to install and operate. The radars can also perform multiple tasks simultaneously, for example carrying out maritime surveillance while at the same time monitoring the weather on the aircraft's flight path.

Leonardo's multi-mode AESA surveillance radars are a worldwide success, having been sold to **30 countries**. The [**Seaspray 7500E**](#) has seen service with the **US Coast Guard**, while the [**Seaspray 7000E**](#) equips the **UK Armed Forces' AW159 Wildcat helicopters**, the **Seaspray 7300E** equips the **Italian Air Force's ATR-72s** and the [**Seaspray 5000E**](#) was recently selected for the **Bangladeshi Navy** to conduct anti-smuggling and anti-pollution missions. The Company's **Osprey AESA radar** is on-board **Norway's new Leonardo AW101 search and rescue helicopters**, which have now started to be delivered, and was also recently selected by the **US Navy** to equip its [**new MQ-9C Fire Scout unmanned helicopters**](#). **Leonardo's** AESA surveillance radars offer air-to-air and air-to-ground capabilities with a variety of advanced modes including the company's patented small target detection capability.

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