



# SAAB

## NEWS FROM SAAB

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### **Arexis - New electronic warfare family from Saab**

Defence and security company Saab provides electronic warfare (EW) systems to customers worldwide. The latest addition to its extensive EW portfolio is a product family called Arexis.

Saab is currently in the final stages of development of a new family of Electronic Warfare (EW) self-protection systems called Arexis. One version of Arexis is the on-board EW suite in the new version of the Gripen fighter, Gripen E/F. It will be one of the most advanced EW systems ever installed in a fighter aircraft.

At the DSEI 2017 exhibition in London, Saab is expanding the Arexis product family by presenting the Arexis advanced electronic attack jammer pod. The Arexis jammer pod has the capability to screen and so protect the approach and departure of entire strike formations against low frequency radars by the smart utilisation of DRFM-based jamming techniques such as smart noise, coherent false targets and various saturation techniques.

The core technologies in Arexis are ultra wideband digital receivers and DRFMs (Digital Radio Frequency Memory) devices, gallium nitride solid state active electronically scanned array jammer transmitters and interferometric direction finding systems. For the advanced electronic attack application, these technologies are adapted to the lower frequency ranges that are required to jam modern anti-stealth air defence systems, the output power is increased, and everything is repacked in a pod to make it a role-specific solution.

Saab EW systems are in use by customers worldwide. Saab can provide everything from electronic support measures, radar warner receivers and jammers to self-protection systems with missile approach warners and countermeasure dispenser systems.

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