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Saab presents new compact sensor for communication surveillance

Saab announces the launch of Sirius Compact L20C, a highly mobile, passive sensor designated for tactical reconnaissance of communication signals.

Saab presented the Sirius Compact L20C, a new addition to Saab's Sirius Compact tactical Electronic Warfare (EW) sensor family at an event in Nuremberg, Germany. This new Communications–Electronic Support Measures (C-ESM) sensor can detect, classify, localise and track communication signals such as enemy troop radios or drone signals. Saab thus offers a modern and NATO-compatible sensor system that provides a high degree of operational flexibility in the field of electromagnetic reconnaissance.

The L20C sensor is capable of operating remotely, is easy to operate and difficult to detect. With high bearing accuracy and state-of-the-art signal processing for robust signal detection, L20C supports the electromagnetic situation picture (Recognised Electromagnetic Picture). The compact form factor and NATO-compatible interfaces enable a wide range of deployment scenarios, such as soldier-borne transport, use on highly mobile light vehicles or tool-free installation on masts. The design philosophy of the sensor follows the principles of Software Defined Defence: namely standardised data interfaces which enable seamless integration into Command & Control (C2) systems.

“Our newest Sirius Compact sensor, L20C, is a milestone within the Sirius Compact family. Our customers will benefit from L20C to always stay ahead of the threats through its capability to track enemy communication signals. In combination with Sirius Compact L20R, it provides users with vital information simultaneously to deliver situational awareness that is of the highest relevance on today's battlefield,” said Carl-Johan Bergholm, head of Saab's business area Surveillance.

Saab is a leading defence and security company with an enduring mission, to help nations keep their people and society safe. Empowered by its 22,000 talented people, Saab constantly pushes the boundaries of technology to create a safer and more sustainable world. Saab designs, manufactures and maintains advanced systems in aeronautics, weapons, command and control, sensors and underwater systems. Saab is headquartered in Sweden. It has major operations all over the world and is part of the domestic defence capability of several nations.

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