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Swedish LfV Commissions First Region of Saab's Nation-wide Wide Area Multilateration System

Defence and security company Saab announces that LfV, the Swedish Air Navigation Service Provider, has formally commissioned the first region of its Wide Area Multilateration (WAM) system on the path to full nation-wide coverage in Sweden.

Saab's Wide Area Multilateration system will provide terminal and en route surveillance over the greater Stockholm area and will ultimately be used to improve surveillance for all of Sweden. The airspace over Kiruna and the northern half of the country will follow the Stockholm region closely, with Gothenburg planned for later in 2016, and the rest of the country over the course of 2017.

"A project of this scale will always present a variety of difficult challenges but we are proud of the hard work and success that we have been able to achieve in partnership with Saab. Together we have brought a valuable service on-line that will improve our ability to safely and efficiently manage air traffic in the skies over Sweden," says Ulf Thibblin, Technical Director at LfV.

Saab's multilateration solutions use multiple low-maintenance, non-rotating sensors to calculate aircraft locations based on transponder signals to provide air traffic controllers with precise aircraft position and identification information regardless of weather conditions. With a higher update rate and greater positional accuracy than traditional radar, Saab's multilateration provides effective surveillance for increased safety, capacity and efficiency of airspace.

"This is an important milestone for the LfV Wide Area Multilateration system and we are pleased with the role we have played in making it happen. We have collaborated very effectively with LfV on this project and expect that success to continue through the remaining phases," says Anders Carp, head of business unit Traffic Management within Saab business area Surveillance.

Saab uses a minimal number of sensors for a simpler, lower cost solution by employing advanced processing techniques. Additionally, each multilateration sensor deployed supports Automatic Dependent Surveillance - Broadcast, providing an infrastructure that is ready for today's surveillance needs and tomorrow's avionics.

The Wide Area Multilateration system will complement LfV's existing Secondary Surveillance Radar (SSR) network, allow them to retire certain installations, and will

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improve and expand surveillance in areas where terrain has limited its SSR coverage capabilities.

Almost 100 sites worldwide have chosen Saab multilateration to enhance safety, efficiency, capacity and cost savings.

See more on what Saab can offer in Air Traffic Management:

[ATM video](#)
[B-roll for editorial use](#)

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