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Saab Completes A-SMGCS Project in South Korea

Saab successfully completed the Advanced Surface Movement Guidance and Control System (A-SMGCS) project for Ulsan and Muan airport in South Korea, including placement of multilateration (MLAT) sensors with Automatic Dependent Surveillance – Broadcast (ADS-B) capability. The project is completed by the signing of the site acceptance test protocols.

The introduction of Saab's A-SMGCS and MLAT sensors with ADS-B capability enhances the surveillance coverage and tracking capabilities of air traffic movements at and near Ulsan Airfield and Muan International Airport. Aircraft and specially equipped vehicle movements will be accurately identified and tracked as the deployed A-SMGCS is able to fuse and correlate surveillance data with flight plan data from a range of available sources, including the Daegu and Incheon Area Control Center. This increases the situational awareness of air traffic movements in all weather conditions.

Furthermore, the system provides a safety net for the airport by alerting air traffic controllers to potentially unsafe airport conditions, such as runway incursions or restriction violations. This enhances the safety, efficiency and sustainability of air traffic control at both of the South Korean airports.

“Saab's technology is enhancing the safety at the airport, in line with Saab's mission to contribute to keeping people and society safe. Increasing the situational awareness of air traffic movements in all weather conditions is an important safety factor,” says Peter Engberg, head of Saab's business unit Traffic Management.

Saab's ATM expertise spans from surveillance radars and sensors, digital air traffic control automation systems as well as airport collaborative decision making to remote towers. Saab's ATM solutions are trusted





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worldwide by air navigation service providers, airports and airlines across six continents and in more than 100 locations across 45 countries. As a global leading partner and complete provider of proven ATM solutions, Saab transforms operations by turning innovative ideas into reality and supporting stakeholders from solution conception through to long-term support.

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Saab is a leading defence and security company with an enduring mission, to help nations keep their people and society safe. Empowered by its 18,000 talented people, Saab constantly pushes the boundaries of technology to create a safer, more sustainable and more equitable 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.

