

## **NEWS FROM SAAB**

FOR RELEASE June 3, 2013 CUE 13-060

## Administration de la Navigation Aerienne selects Saab Sensis' A-SMGCS for Luxembourg Airport

The Administration de la Navigation Aerienne (ANA) has selected defence and security company Saab's subsidiary Saab Sensis' Advanced-Surface Movement Guidance and Control System (A-SMGCS) for the safe and efficient management of Luxembourg Airport's runway and maneuvering areas. The A-SMGCS will fuse multiple surveillance sources for a comprehensive view of the airport surface and to provide runway incursion alerts to the air traffic controllers.

The Saab Sensis A-SMGCS will fuse surveillance data from Saab Sensis multilateration sensors, two Surface Movement Radars and VeeLo NextGen<sup>TM</sup> vehicle locators for the location and identification of all aircraft and vehicles operating on the airport's surface. Further, the surveillance data is integrated with Saab Sensis' Safety Logic conflict detection and alerting algorithms to provide controllers with advanced visual and auditory warning of potential runway incursions. The data will be displayed at controller working positions using the NAVCANsuite integrated tower automation system.

"As the country's main airport, Luxembourg Airport's runway needs to maintain safe operation no matter the weather," said François Mathieu, head of ATC for ANA. "The Saab Sensis A-SMGCS provides us with all-weather surveillance needed for enhanced airport surface safety and improved year-round operational efficiency."

Luxembourg Airport is a single runway airport that handles a diverse array of aircraft, from scheduled commercial traffic to general aviation flights. The airport experiences approximately 100,000 movements per year.

"Saab Sensis' A-SMGCS utilizes many field-proven, leading surveillance technologies and the industry's most robust conflict detection and alerting capabilities to provide ANA with a world-class safety and efficiency solution," said Ken Kaminski, senior vice president of Saab Sensis. "Our A-SMGCS has the flexibility to grow with the airport, such as coupling the system with Wide Area Multilateration for terminal area surveillance and data sharing for Collaborative Decision Making applications."

Saab Sensis A-SMGCS is in operation or being deployed to more than 40 of the busiest airports around the world, including Australia, Hong Kong, India, Israel, Saudi Arabia and the U.S. Federal Aviation Administration's Airport Surface Detection Equipment, Model X (ASDE-X) program.



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NAVCANsuite integrated tower automation products combine flight and operational data, surveillance and voice communications into a single customizable air traffic management system. NAVCANsuite products are in operation at more than 70 Canadian sites, and have been adopted internationally by the United Kingdom, Denmark, Australia, the United Arab Emirates, and the Dutch Caribbean. Additional projects are currently underway in Hong Kong and the United Kingdom.

Saab provides the global aviation markets with advanced sensor technologies, next-generation radars, automation, and modeling and simulation solutions. It serves military, civil aviation, airport and airline customers in more than 40 countries across six continents.

Saab serves the global market with world-leading products, services and solutions ranging from military defence to civil security. Saab has operations and employees on all continents and constantly develops, adopts and improves new technology to meet customers' changing needs.

NAVCANatm, a division of NAV CANADA is a leading line of integrated air traffic management products, applications and services operationally deployed worldwide for safe, efficient and cost-effective air traffic management (www.navcanatm.ca). NAV CANADA is the private sector air navigation services provider, responsible for the safe and efficient movement of aircraft in Canada's domestic airspace and international airspace assigned to Canadian control.

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