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Saab To Deploy SR-3 Surface Movement Radar In Prague

Defence and security company Saab announces that it has been selected by Air Navigation Services of the Czech Republic (ANS CR) to deliver its SR-3 Surface Movement Radar (SMR) for Václav Havel Airport, Prague.

The SR-3 radar delivers critical situational awareness and safety in all weather conditions. It will be used for the detection of non-cooperative targets -- including aircraft, ground vehicles, and other obstacles -- and integrated into the existing Advanced Surface Movement Guidance & Control Systems (A-SMGCS) system. Based on more than 10 years' experience in fielding solid state radars, the SR-3 employs an open architecture design that utilizes industry standard interfaces for easy integration into existing or new air traffic control systems. The radar fully complies with EUROCAE ED-116 and EUROCAE ED-87B standards for A-SMGCS Levels 1, 2 and 3.

The SR-3 radar delivers the highest level of surveillance available due to its 16-level frequency diversity, automatic clutter suppression using advanced signal processing, and sophisticated processing that eliminates multi-path targets. The fully redundant design and small number of line replaceable units delivers high reliability, easy maintenance and low life cycle costs. In addition, the small indoor/outdoor transceiver cabinet means greater site flexibility and lower installation costs.

“Saab’s SR-3 is a low-risk solution for airports like Prague that need to replace an aging radar, or for airports looking to augment coverage or deploy a Surface Movement Radar for the first time. The SR-3 was specifically designed to support air traffic safety systems such as A-SMGCS,” says Anders Carp, head of Saab business unit Traffic Management.

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

For further information, please contact:

Saab Press Centre,
+46 (0)734 180 018,
presscentre@saabgroup.com

Saab AB (publ)Postal address
SE-581 88 Linköping
SwedenTelephone
+46 (0)13 18 00 00Telefax
+46 (0)13 18 72 00Registered office
LinköpingRegistered No
556036-0793VAT No
SE556036079301Internet address
www.saabgroup.com

www.saabgroup.com

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Saab AB (publ)

Postal address
SE-581 88 Linköping
Sweden

Telephone
+46 (0)13 18 00 00

Telefax
+46 (0)13 18 72 00

Registered office
Linköping

Registered No
556036-0793

VAT No
SE556036079301

Internet address
www.saabgroup.com