

# ERA to provide the third extension of its surface guidance system to Dublin Airport

Ireland

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Irish Aviation Authority, the Irish Air Navigation Service Provider, has placed its trust in the ERA surveillance and monitoring systems again. ERA has signed the contract to provide the third extension of its surface guidance system deployed at the Dublin Airport in Ireland in November. The installation of 10 new Ground Stations (GS), the modernization of Central Processing Station and MasterCare programme of assurance services for another 5 years are part of the contract.

Currently the net of ERA multi-sensor GS, using multilateration and ADS-B technologies, and 102 pieces of SQUID vehicle tracking units are in operation at Dublin Airport to ensure the safety of the main international Irish airport serving the capital Dublin. In 2007 the customer awarded the programme of safety enhancement to ERA and since this time, the system has undergone three rounds of extension plus several deliveries of SQUID squitter beacons. The system using the unique central time synchronization by ERA has been in successful operations ever since, as illustrated by the Irish Aviation Authority's granting of authorization to the airport to use it for air traffic control purposes.

Irish Aviation Authority requires improved airport surface surveillance in order to maintain a high level of safety for airport operations during adverse weather conditions and to reduce the risk of runway incursion. Dublin Airport's controllers need a single-view of aircraft and vehicle movements over the complete surface coverage. To meet the challenge ERA has repeatedly delivered its most proven and reliable system MSS (Multilateration Surveillance System) an A-SMGCS system compliant with EUROCONTROL and ICAO requirements. MSS has a number of compelling advantages, first of all being able to endure all weather conditions, which suits foggy, damp and salty air environment of the Irish island.

*"ERA is one of our favourite suppliers. Since the beginning of our partnership in 2007, ERA has installed and extended its surface MLAT system at Dublin Airport several times. Thanks to the newly signed contract for the advanced services including modernization and MasterCare program, the system will prolong its life cycle for another decade or more, I believe,"* stated IAA Engineering with the Irish Aviation Authority.