

For immediate release

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Support to the validation of airborne traffic situational awareness applications

Egis supports EUROCONTROL in the operational validation of applications providing better awareness of surrounding traffic, especially on airport surfaces

ADS-B or Automatic Dependent Surveillance Broadcast is a technology that is expected to enhance safety and both airspace and airport capacity. Using this system, equipped aircraft automatically broadcast a number of information at regular intervals (including their identity and accurate position) to surrounding aircraft and air traffic control. ATSA-SURF is one of the major ADS-B applications. Used on airport surfaces, this application provides pilots with a real-time display of surrounding traffic (aircraft and vehicles), thus enhancing safety and potentially reducing taxi time. In the framework of the CRISTAL validation activities of the CASCADE programme, the European organisation for the safety of air navigation (EUROCONTROL) plans and coordinates the implementation of ADS-B in the ECAC area (pan-European zone).

In partnership with the French Air Navigation Service Provider (DSNA) and Airbus, Egis was contracted by EUROCONTROL to support the validation process and potentially the implementation of the ATSA-SURF application. This project aims at assessing the impact of its use by pilots on air traffic control through real-time simulations, technical studies and flight tests with an Airbus aircraft. The purpose is to assess the technical and operational feasibility of the application and its expected benefits.

Started in 2008, the contract led by Egis Avia teams was recently completed by an addendum including two additional tasks planned to end early 2010.



Notes:

About Egis

Subsidiary of "Caisse des Dépôts" Group with a workforce of 7,300 individuals worldwide and a 505M€ turnover in 2008, Egis is one of the world leading companies in infrastructure engineering and road, railway, air and urban transport systems including hydraulics and environment. It proposes a global offer including engineering, project deployment and infrastructures operations.

For more information, visit www.egis.fr

About Egis Avia

Thanks to a 40-year experience in a demanding sector, Egis Avia is today a key expert in the Civil Aviation industry. Egis Avia offers a multifaceted expertise covering all aspects of airport, air operations and air traffic management activities. With a current workforce of 194 employees and a 28.6M€ annual turnover in 2008 Egis Avia has been, since its creation in 1969, successfully managing more than 1000 projects in 140 countries.

Egis Avia provides research and technology, consulting and engineering services, operations and turnkey solutions adapted to each client's business needs. With its unique position on the market, Egis Avia provides



bespoke solutions aiming at increasing operations safety and efficiency, the compliance with international regulation and offering an optimum use of advanced technologies.
More information at www.egis-avia.fr

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