

Press Release

25 February 2009,

Data-link communication

Operational readiness testing of data-link front-end processor (DL-FEP) at Maastricht and Karlsruhe control centres

Aeronautical Telecommunication Network (ATN) and in particular controller-pilot data-link communication (CPDLC) are one of the cornerstones of safety in CNS/ATM. In order to cope with the ever-increasing traffic in Europe and to replace radio voice communication when they are not possible or safe enough, EUROCONTROL, the European Organisation for the Safety of Air Navigation, created the Link2000+ programme. This initiative was designed to plan and co-ordinate the implementation of operational air-ground data-link services for ATC, in compliance with ICAO norms and standards. Since end 2008, the legal framework known as the Single European Sky (SES) developed by the European Commission requires through the data-link services implementing rule (DL-IR) the implementation of ATN/VDL2 data link services across Europe by 2013/2015.

Being at the cutting edge of technology in CNS/ATM concepts, EUROCONTROL and the German Air Navigation Service Provider DFS contracted the Egis Avia/SITA consortium in 2006 to supply the next generation of data-link gateway systems for Maastricht ATCC and Karlsruhe UAC. Egis Avia/SITA's DL-FEP enables to communicate seamlessly with both ATN and ACARS/FANS aircraft through accommodation functions and meets stringent interoperability and safety requirements.

In 2009, site acceptance testing has been carried out at Karlsruhe for DFS and is under process at Maastricht for EUROCONTROL. This phase will be followed by technical training on both sites and by operational acceptance testing before summer 2009.

Associated with the ProATN router, Egis Avia's datalink product baseline offers a complete and adaptive implementation of data-link services. Egis Avia's experts will be pleased to discuss and demonstrate the functionalities and benefits of their system at Egis Avia's booth n°103 during ATC Global Exhibition, Amsterdam RAI, March 17th-19th.



Notes:

About Egis

Subsidiary of “Caisse des Dépôts” Group with a workforce of 7,300 individuals worldwide and a 504M€ 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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