

TRIAGNOSYS PLAYS INTEGRAL ROLE IN DEVELOPMENT OF NEW COCKPIT SAFETY PROTOCOLS

Munich, 14 May 2013 – TriaGnoSys is using its aeronautical communications expertise to help design an Advanced Cockpit for Reduction of Stress and Workload (ACROSS). ACROSS is an EU-funded research project developing new cockpit solutions to both manage and reduce aircrew operations.

Pilots are prized for their ability to deal with high workloads. However, air crash studies have shown that times of high stress or a depleted crew can lead to potentially fatal errors. ACROSS will develop, integrate and test new cockpit solutions to help manage peak workload during a flight, in order to reduce stress and therefore the risk of accidents.

ACROSS will also work towards solutions that will allow reduced crew operations in a limited number of well-defined conditions, such as long-haul flights or a crew member becoming incapacitated.

These innovative solutions will be assessed technically and operationally by pilots and other experts with a view to it becoming a long-term answer for aviation operations. Finally, ACROSS will identify the remaining open issues for the implementation of potential single pilot operations.

TriaGnoSys' avionics specialists have been called upon to lead the research stages that develop the dedicated air-to-ground communication infrastructure. TriaGnoSys' recent developments for the successful EU-funded research project SANDRA (Seamless Aeronautical Networking through integration of Data links, Radios, and Antennas) and of the AeroBTS+ platform marked a leap forward in aviation communication technology that will make this research possible.

Dr Markus Werner, Managing Director of TriaGnoSys, said, "This research will benefit the long-term safety of aviation by reducing the stress faced by pilots during regular operations and in critical exceptional situations, such as the partial or full crew incapacitation. We are delighted to be working with such a distinguished group of European partners from universities and national research centres to airframers and international suppliers of all sizes."

The ACROSS project is managed by Thales Avionics, and the other partners are: EADS Innovation Works, Selex ES, Airbus, Boeing, Dassault Aviation, BAE Systems, Continental, Diehl Aerospace, Isdefe, EAB, Jeppesen, Zodiac Aerospace, TAI, GNV, DLR, NLR, Trinity College Dublin, Warsaw University of Technology, The University of Malta, Technische Universität Braunschweig, TU Delft, Deep Blue Consulting, Certifyer, TriaGnoSys, Stirling Dynamics, Use2Aces, Tony Henly Consulting, GTD.

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About TriaGnoSys

TriaGnoSys is the expert in mobile communication, information and media, enabling communications and information transfer to and from air, land and sea.

TriaGnoSys solutions employ satellite, air to ground and other radio links, to connect communication networks through its cutting-edge mobility routers.

Our innovative products for GSM and compression deliver low-cost and efficient data communication. We also deliver tailored industry solutions through strategic partnerships with OEMs, system integrators and service providers.

TriaGnoSys Research and Development focuses on a broad range of mobile communication fields, including mobile end-to-end solutions, wireless In-flight Entertainment (IFE), next generation satellite connectivity and cabin/cockpit communication, as well as combined navigation and communications technologies.

TriaGnoSys is an EASA Part 21 Design Organisation and Production Organisation.

For more information, go to www.triagnosys.com

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