

PRESS RELEASE

GlobalVantage and AcQ Inducom announce Advanced Cockpit Data Recorder

Le Bourget, June 15th 2009 - Guadalajara has long been recognized as the “silicon valley” of Latin America. In recent years, much has been done to develop capabilities across Mexico to position the country as a competitive source for production, and design of complex aerospace systems.

GlobalVantage and its international partner AcQ Inducom have identified a number of technology programs which will further expand Mexico’s aerospace engineering capability. For 2009, we have identified a technology project to design and develop an Advanced Cockpit Data Recorder. This project will require the development of a software system using DO-178B standards in combination with development of hardware using the DO-254 process. The total program will include participation from AcQ Inducom (The Netherlands), ITESO University in Guadalajara, Jalisco, Mexico, and GlobalVantage SRL. A brief technology summary is provided below.

The Advanced Cockpit Data Recorder is an innovative device that will store video data recorded inside the cockpit, together with other aircraft related data, including navigation data, a/c attitude and audio. It can provide recorded information about the behaviour of the flight crew in operational situations so that conclusions can be drawn based on facts provided by that information. Navigation data is provided either from an existing GPS source or an embedded GPS chip inside the data recorder; the Attitude data is to be provided by the Airborne Heading-Attitude Reference System (AHARS) data available in all EFIS-equipped aircraft. The data recorder can be tailored to the requirements of customers for specific aircraft and usage.



The agreement between GlobalVantage and AcQ Inducom, for the development of the Advance Cockpit Data Recorder, was signed just last week. Ms. Marianne Gouveia, President & CEO GlobalVantage, welcomes this technology project. “This is a major step forward in development of Aerospace Avionics technologies in Mexico”. Mr. André Somberg, President of AcQ Inducom, looks forward to the cooperation between the parties to finish this project successfully.

About GlobalVantage:

GlobalVantage is a US company with offices in Mexico. The company has been successful in building capability for aerospace mechanical engineering and software and has invested in building necessary DO-178B capability for the design and development of aerospace software. Recent investments include building capabilities Flight Management Systems and Full-Authority Engine Controls (FADECs). Having the skills available to support aerospace software development and testing, our project will now take Mexico to the next level which will develop skills in DO-254.

About AcQ Inducom:

AcQ Inducom (The Netherlands) is a very successful and modern organization with a team of enthusiastic specialists. The company develops, produces and delivers solutions for a wide range of embedded electronics applied in aerospace, military and industrial automation. In most cases this involves the design, building and delivery of embedded safety critical real-time hardware- and software components. AcQ Inducom staff is continuously in search of new technologies in order to design the best customized solutions. AcQ Inducom is certified to ISO 9001:2000 and is planning certification to AS9100. The company has the know-how to set up a complete development project from A to Z, from the formulation of the problem via design and development to implementation and support, according ED80/DO-254, ED12/DO-178B and ED14/DO-160.

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