

Aerospace specialists join forces to deliver enhanced in-flight information to improve operational performance

Teledyne Controls, the aircraft data and information management business, and aerospace software provider PACE have signed a new partnership deal that will enable airlines and individual flight crews to actively improve their flying efficiency and fuel consumption, and pilots to receive live weather updates direct to an Electronic Flight Bag (EFB) while in flight.

Interfaced with the Teledyne GroundLink® Comm+ system and its new integrated Aircraft Interface Device (AID) function AID+, PACE's Pacelab Flight Profile Optimizer software can draw live data from the aircraft's avionics buses to determine the most cost-efficient flight trajectory. Using real-time operational and meteorological data and a holistic optimization approach for the remaining route to destination, Pacelab Flight Profile Optimizer provides pilots with reliable information on how to minimise trip cost. The resulting reduction of fuel burn is significant averaging up to 2% per year.

And with the addition of inflight weather updates direct to the crews' tablet devices via Teledyne's GroundLink® AID+ ACARS proxy interface, crews have a complete picture of their ongoing flight, and any changes in profile that may be required through a change in circumstances to achieve greater operational and fuel efficiencies.

An ACARS proxy allows multiple EFBs to send and receive ACARS messages, supporting pilots with ground and air Flight Operations communications, the distribution of flight documents, and load sheets. Crucially, airlines do not need to install a separate AID unit to benefit from the PACE/Teledyne partnership. With more than 8,000 Teledyne GroundLink® units already flying, it is an easy transition for those with the technology already installed, protecting their legacy investment.

Murray Skelton, Director of Business Development at Teledyne Controls, says that the ease of integration has been key: "By a simple interface with our AID+ unit and the PACE application, we can deliver all of the key flight data, and external data such as weather updates direct to a tablet to enable pilots to make informed decisions about their flight, and proactively find ways of maximising their fuel efficiency."

PACE Managing Partner Oliver Kranz explains how the agreement is a genuine 'win win' for all parties: "For airlines to realize the full benefits of AID, they need to see a tangible return on investment," he says. "Integrating PACE with Teledyne's systems delivers a new level of control, and feedback from the first users is already encouraging."

"With Teledyne's significant installed base, we have an immediate network and channel to market," he continues. "We give Teledyne a tangible business case for airlines to upgrade to GroundLink® AID+, with proven cost efficiencies."

About PACE Aerospace Engineering and Information Technology GmbH

- PACE develops innovative, highly usable software products for the aviation and aerospace industries, which have helped to design, market and operate a significant portion of the world's aircraft fleet for more than two decades.
- Major areas of application are preliminary aircraft and systems architecture design, aircraft and cabin configuration, aircraft economics and route analysis and EFB-based flight profile optimization.
- PACE's extensive customer base includes the world's top aircraft and engine manufacturers, civil and military operators, maintenance service providers and research institutions.
- PACE is helmed by the original founders and serves the aerospace and aviation community from its Berlin headquarters, with additional sales offices in the industry hubs of Toulouse and Seattle.

About Teledyne Controls

Headquartered in Southern California, Teledyne Controls is a wholly owned subsidiary of Teledyne Technologies Incorporated. Teledyne Controls is a leading manufacturer and innovator of a wide range of data management solutions designed to help aircraft operators collect, analyze and distribute aircraft data more efficiently. Teledyne Controls maintains worldwide facilities and a global network of field representatives to support its many airline, airframe, and military customers. Additional information about Teledyne Controls can be found at <http://www.teledynecontrols.com>.

PACE GmbH

Anja Kittner
Director Corporate Communications
+49 30 29362412
anja.kittner@pace.de

Teledyne Controls

Sean Feast
Director, Gravity London
Phone: +44 (0) 20 7330 8810
sfeast@gravitylondon.com