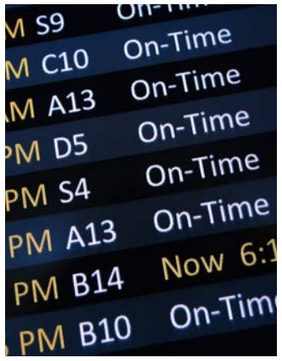
fuel & operational efficiency management

PACE

a TXT company

Cost-efficient altitudes and speeds in all flight phases



Pacelab Flight Profile Optimizer (FPO) is an EFB application which enables flight crews to actively engage in minimizing the cost of their flights by making informed operational decisions en route. It complements the functional scope of flight management systems.

Reducing costs and fuel burn have always been a priority for airlines but in recent times the issues of aircraft connectivity and data integration have moved center stage.

Our EFB application Pacelab FPO addresses all of these challenges: it leverages the availability of real-time data to optimize flight altitudes and speeds en route and provides significant fuel savings, which deliver a quick return of investment on EFB and connectivity hardware.

Leading airlines rely on Pacelab FPO to help flight crews effectively respond to unforeseen changes along the route, making a sophisticated trade-off between operational efficiency considerations, flight punctuality and passenger comfort.

Pacelab FPO is Windows and iOS compatible and can be deployed as EFB or cloud solution. In addition, comprehensive consulting and integration services are available – get in touch with us today to find out how you can start saving tomorrow!

Effectively responding to changing conditions en route

Key Features

Only commercial tool to optimize the entire vertical flight trajectory, from climb through to descent

Observes a wide variety of operational, regulatory and custom constraints

Continuously quantifies and displays the available optimization potential

Ingests any ARINC 633 compliant Operational Flight Plan

Reads avionics parameters in real time via ARINC 834 or from ACARS AOC messages

Seamlessly interfaces with airlines' weather and/or turbulence information sources

Offers optional module to avoid turbulence areas, visualizing them in the vertical profile view

Displays wind and temperature overlays

Records trajectory and efficiency parameters for post-flight analysis

Certified for use on Inmarsat's SwiftBroadband-Safety (SB-S)

inmarsat CERTIFIED APPLICATION PARTNER

Benefits

Reduces annual fuel burn by an average of 1%, depending on aircraft type and airline policies

Raises situational awareness of flight crews and helps them solve their daily challenges

Facilitates collaboration with OpsControl and ATC

Improves on-time performance, flight safety and passenger comfort

Provides information for business analysis and reporting

Helps achieve a quicker return on EFB and connectivity hardware investments

"Pacelab FPO has been instrumental in helping determine the safest, most comfortable and efficient route on every flight.

Captain Brian Beres
Senior Director for Flight Standards and Qualifications
Hawaiian Airlines

Founded in 1995, PACE has built a reputation for developing trail-blazing software products for the global aerospace and aviation industry.

As part of TXT e-solutions, the company focuses on high-quality niches such as preliminary design & evaluation, on-board software, digital manufacturing, product configuration, flight operations and training & simulation.

www.txtgroup.com | www.pacelab.com

TXT

Via Frigia, 27
20126 Milan
Italy

+39 02 257711
aerosales@txtgroup.com

PACE
a TXT company

Am Bahnhof Westend 13
14059 Berlin
Germany

+49 30 293620
paceinfo@txtgroup.com

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