

Honeywell

THE POWER OF **CONNECTED**

GODIRECT™ FLIGHT EFFICIENCY

Honeywell's Flight Data Analytics Platform and Trajectory Optimization Tools

Honeywell's GoDirect™ Flight Efficiency offering brings together our flight data analytics platform with our growing suite of trajectory optimization tools to unlock savings from data-driven decision-making.

Advanced Data for Optimized Flight

Running efficient flight operations requires insights into dozens of variables, spanning operating conditions, trajectories, fuel usage, weight and balance across flights and fleets. Legacy systems kept much of this data separate, but digital transformation in aviation makes it possible to put data in one location for the crew and operation team and to make that information available for select real-time uses.

Honeywell's flight data analytics platform integrates continuously updated flight operations quality assurance (FOQA) data, digital data link messages, navigational charts, fuel invoices, the flight planning system, load and balance, and much more live information into one advanced business intelligence interface. It's a one-stop shop for insights to drive end-to-end efficiency improvements. Resources once dedicated to data integration and cleansing can now be freed to work on analysis that provides real savings.



Integrates flight data into a one-stop shop, combined with powerful advisory and routing tools.



Provides clear analysis and real-time insights.



Improves data quality across the organization. Better quality means better decisions.



Unlocks savings beyond standard efficiency initiatives.



“We were faced with the challenge to really understand how we are using our fuel. We implemented GoDirect Flight Efficiency to help us improve transparency and to achieve further fuel savings.”

Matthias Spohr,
Fuel Manager and Head of Fleet Germanwings

With the flight data analytics platform, customers have achieved deep savings in flight times and operating cost. It provides tools to drill down and optimize flight paths, select the best procedures, and assess tradeoffs between flight distances and fuel burn. It also delivers insights that can be used for improvements in operating efficiency and validating vendor claims. Airlines use the dashboards, reports and visualization of trajectories and holding patterns to engage internal and external stakeholders in driving toward more efficient flight operations.

Proven Value to Customers

Honeywell's flight data analytics platform is used by more than 30 customers across the globe managing more than 2,300 aircrafts every day. Customers already have used the analytics tool and vertical optimization app to save thousands of tons of fuel.

Lufthansa, an early adopter, has won several awards for using the platform's tool to overlay historical shortcuts on navigation charts to reduce short-haul routes by 1.1 nautical miles and long-haul routes by 3.5 nautical miles, saving, on average, 8,500 tons of fuel every year.

Using Honeywell's flight data analytics platform in conjunction with our new trajectory optimization tools makes it even more powerful. Our suite of real-time trajectory optimization tools enables pilots and dispatch to select optimized altitudes and refine their routes using sophisticated algorithms and enhanced situational awareness.

Unparalleled Flexibility and Scalability

Honeywell's GoDirect Flight Efficiency tools can scale to meet any customer's needs. GoDirect Flight Efficiency is extensively adaptable and has delivered value to carriers of all kinds and sizes, from the largest airline fleets in the world to small charter operators and cargo carriers.

Honeywell also offers a highly rated workshop to familiarize customers and their stakeholders with the GoDirect Flight Efficiency tools, facilitating low-impact implementation and rapid results.



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