

# Fuel Dashboard

## A Flight Data Analytics Solution

In a rapidly changing aviation market, Boeing is dedicated to technology, safety and quality initiatives that modern operators need to stay competitive.

Fuel remains one of the most important resources for aircraft operators and represents one of the highest cost components. As part of the Boeing Flight Data Analytics integrated suite of solutions, Fuel Dashboard provides you with complete visibility into your fuel consumption and the actionable insights required to realize significant savings and reduce emissions. With automated data processing and a powerful and intuitive user interface, you can easily identify, monitor and report on fuel efficiency throughout every phase of flight. Fuel savings made simple.

**Customer-proven savings of up to 4.3% - a significant amount since fuel can easily account for up to 25% of an airline's operating expenses.**



### Robust Advanced Analytics Capabilities

- Reduces pre-flight inefficiencies through the effective analysis of post-flight data.
- Allows you to study and benchmark fuel consumption and pinpoint deviations to assist in root-cause analysis.
- Offers 270+ comprehensive pre-built reports and visualizations, including Cost of Weight and Data Quality.
- Provides customized reports and dashboards using simple or advanced mathematical formulas – users can apply diverse data triggers, filters and a range of visualization techniques to make informed decisions.
- Enables collaboration and teamwork through shared dashboards used by pilots, planners, dispatchers, analysts and the wider operation.
- Covers all stages of flight, including APU, taxi out, take off, flap/gear, climb, derate, cruise, descent and more.
- Enables actionable insights to help you improve future flight planning activities.
- Delivers more than 600 parameters on a per flight basis with simple drill down and flight-by-flight comparison.
- Uses full-flight processed QAR data to alleviate the heavy data management burden so you can focus on your operation.
- Integrates multiple related data sources, such as operational data, to enhance situational awareness.
- Provides flight profile analysis using 2D and 3D imagery across single or multiple flights, giving users defined “activity points” to help understand how the flight performed and why fuel burn deviations occurred.
- Bundle with its sister product, Emissions Reporter, to help improve your fuel efficiency and stay ahead of the game on carbon reporting for CORSIA, EU-ETS and CH-ETS.



## Scalable Solution that is Easy to Implement and Use

- Requires minimal IT set-up - a fully hosted solution comes with a common processing core that ensures secure data distribution.
- Supports operators of all sizes and aircraft types, and is compatible with any operational system.
- Simple user interfaces make data and dashboards easy to understand and quickly provide a comprehensive, total-fleet view of operational fuel consumption.
- Transparency of data quality helps to improve results and enables better decision-making.
- The companion Pilot Insight app maximizes fuel savings opportunities by putting fuel efficiency into the hands of flight crew and pilots, giving them near real-time insights into their fuel performance and the tangible value of making operational adjustments.
- No hidden fees – a pre-established per tail annual fee includes access to all the latest features, as well as training and ongoing customer support.
- Centralizes data sources, which offers a single source of truth, minimizing the time and frustration often required to investigate different values for the same metric prepared by multiple groups.



**Fuel Dashboard is part of the Flight Data Analytics suite**, which includes advanced analytics solutions developed by aviation experts around a common flight data processing core. Built to handle recorded flight data from tens of thousands of flights along with other contextual data sources – the core technology provides secure, tailored access to a shared data set across an operation. Each solution in the Flight Data Analytics suite leverages integrated data analytics capabilities, enabling better decision making based on factors that have the biggest impact on safety, efficiency, and the bottom line.



**Fuel Dashboard**  
Pilot Insight  
Emissions Reporter



**FOQA/FDM**



**Predictive  
Maintenance Insight  
Accelerator**



**Self-Service Analytics**

**The Flight Data Analytics suite is part of Flight Data Connected Airplane Strategy** that delivers a fully integrated end-to-end automated solution - from airplane to QAR/CPL raw data to processed data to analytics solutions – giving operational insight for increased reliability and availability and lower risk and uncertainty.