



GE Digital, Aviation Software

# FlightPulse®

## The app designed by pilots, for pilots.

FlightPulse® is a fully-configurable, modular EFB application that puts data key to operational decisions directly in the hand of commercial pilots.

FlightPulse® provides access to data like never before. The Pre-flight module provides aggregated data from across the operation for more informed fuel decisions and departure briefings, while the Post-flight module provides secure access to data from a pilot's individual flight history, allowing them to analyze their own operation of the aircraft in relation to their peers and self-discover areas to optimize operations and efficiency.



### Making better decisions with data

# 6000<sup>+</sup>

Pilots optimizing operations and trusting FlightPulse® with their data

# 5.71 MM kg

Carbon emissions avoided <sup>1</sup>

# 1.88 MM kg

Fuel saved in the first-year <sup>1</sup> post FlightPulse® adoption



## Safety

Familiarize pilots with common threats and events



## Efficiency

Understand fuel impacts and operational changes



## Mobility

Secured app, private insight in your hands wherever you go



## Empowerment

Create self-learning moments and enable continuous improvement

## Features and benefits

- Intuitive and easy-to-use, enabling pilots to get up and running in three minutes or less
- Powered by analytics from the EMS platform for automated integration, cleansing, and data validation
- Pilots access their data securely and privately through the mobile app
- Pre-flight module with access to aggregate historical data for operational decision making
- Post-flight module with individualized flight metrics relative to anonymized peer statistics
- Application runs on a pilot's EFB device
- Pilots can analyze topical statistics and common safety events based on historical flight data for their entire operation, to assist them in making the optimal safety and fuel decisions for an upcoming flight
- FlightPulse® highlights deviations from planned routes so that pilots can understand where specific efficiency opportunities were missed, or where increased safety risks were present to improve future flight characteristics
- Pilots can benchmark themselves and understand where they excel, and which areas could present opportunities for improvement
- Pilots can play back a previous flight with interactive controls to debrief on safety events, understand how to improve their flying techniques, and consider operational risks
- The Configuration Console allows managers to craft messaging and content displayed to pilots to make data interpretable and useful for them, and to align with key initiatives and areas of interest

<sup>1</sup> by Qantas pilots in the first year of use, read more about the Qantas case study here