

Qantas Pilots Work with GE Aviation to Develop New Flight Data App

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World-first flight data app developed in Australia for the world

Qantas pilots and GE Aviation have developed a new flight data application (app), FlightPulse, that provides pilots with data to help them fly more efficiently and help reduce carbon emissions.

FlightPulse, the first fully commercialized product to be developed with mobile services from GE's Predix platform, uses recorded aircraft data and smart analytics to enable pilots to securely access their individual operational efficiency metrics and trends.

Qantas Head of Fleet Operations, Captain Mike Galvin said FlightPulse provides pilots with valuable information that was previously only available in aggregate or used by analysts.

"FlightPulse was designed by pilots for pilots. As a result, the information accessible on this platform helps them understand the operational efficiency of their flight.

"It provides pilots with flight data in a very visual way, allowing them to see first hand the amount of fuel used at different stages of a flight and how they can help to reduce carbon emissions," he said.

John Mansfield, vice president and chief digital officer for GE Aviation, said Qantas understands the value of using data across their operation.

"We are delighted to build on our long-standing partnership with Qantas and work together to transform flight efficiency with this world-first app."

"Qantas is a great example of Australian innovation at its best, constantly at the forefront of finding better ways to enhance their operations. Through close collaboration, we were able to develop a solution for the industry that connects pilots with individualized operational efficiency data for the first time."

Qantas was also the launch customer for GE Aviation's Digital Collaboration Center in Austin, Texas late last year. Through the partnership, data scientists, software developers and architects from GE and Qantas work together to distill some of the trillions of data points produced by the aviation sector annually into solutions that can achieve greater fleet intelligence and operational insights.

GE has similar centers in Dubai, Shanghai and Paris to connect data, customers, developers and Predix, GE's edge-to-cloud operating system built exclusively for the industrial world. Predix is powering innovative Industrial Internet apps that turn operational data into insight for better and faster decision making.

Note to Editors:

- Watch the [FlightPulse video](#) to see how Qantas and GE are helping pilots to use data to their advantage.
- Check out this [video](#) of GE's collaboration center in Austin.
- See how [GE Aviation's Digital Solutions](#) and Predix are taking aviation productivity to the next level.

About GE:

GE is the world's Digital Industrial Company, transforming industry with software-defined machines and solutions that are connected, responsive and predictive. GE is organized around a global exchange of knowledge, the "GE Store," where each business shares and accesses the same technology, markets, structure and intellect. Each invention further fuels innovation and application across our industrial sectors. With people, services, technology and scale, GE delivers better outcomes for customers by speaking the language of industry. www.geaviation.com/digital

About Qantas:

Founded in regional Queensland in 1920 – as Queensland and Northern Territory Aerial Services – Qantas is one of Australia's most iconic brands and has played a central role in the development of the Australian and international aviation industry.

Today the Qantas Group is a diverse global aviation business, comprising Qantas Domestic, Qantas International, the Jetstar low-cost carrier group and Qantas Loyalty.

In total, the Qantas Group operates more than 7,300 flights each week and, together with its codeshare and **oneworld** partners, offers flights to more than 1000 destinations around the world.

The Qantas Group's fleet numbers almost 300 aircraft with an average age of around seven years – the youngest in two decades – including the acclaimed Qantas A380 and the Jetstar Boeing 787 Dreamliner.

Qantas is ranked the world's safest airline by AirlineRatings.com, and holds many major awards for service, food and wine, technology and innovation.

The Qantas Group carries more than 50 million passengers each year and employs around 30,000 people.

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Contact:

GE Aviation
Jennifer Villarreal
+1 616 241 8643
jennifer.villarreal3@ge.com

or
Qantas
Ingrid Just
+61 477 355 600
ingrid.just@qantas.com.au

or
GE Digital
Amy Sarosiek
+1 925 968 7871
amy.sarosiek@ge.com

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