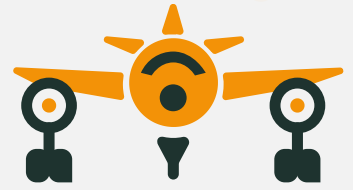


Digitalisation helps British Airways cut thousands of tonnes of fuel and CO2



In 2016, British Airways became our launch customer in a partnership aimed at digitalising fuel management at London Heathrow Airport (LHR).

Our technology has resulted in more efficient operations with a 50% increase in refuelling optimisation. Five years later, the technology is now embedded across British Airways' network at major airports including London Heathrow, London City, London Gatwick and Dublin Airport.

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At British Airways, as part of our BA Better World programme, we're doing everything we can to reduce aviation's environmental impact. From investing in sustainable aviation fuels to flying more fuel-efficient aircraft, we're helping drive change within our industry. i6's technology has allowed us to take that a step further by digitising the refuelling processes. With i6 technology, we benefit from efficiencies in every flight. That includes making sure the aircraft has the optimal amount of fuel saving on direct fuel costs and minimising extra weight.

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Captain Spencer Norton

Flight Efficiency & Evaluation Manager
British Airways

THE CHALLENGE

As part of its commitment to achieving net-zero carbon emissions by 2050, British Airways was looking at ways to improve operational efficiency both on the ground and in the air. The digitalisation of the refuelling process at major airports is a part of this, and part of the airline's short, medium and long-term plans to decarbonise key. This meant creating a solution to replace manual and paper-based aircraft refuelling processes.



THE APPROACH

Our technology provided British Airways with a comprehensive platform so that they could better plan, allocate, and track the entire fuel management process. We continued to develop our solution and created eHandshake® - patented e-fuelling technology that seamlessly connects the pilot and refueller in real-time, replacing the traditional process of generating paper tickets hand-delivered to a flight crew.

THE RESULTS

Our fuel management technology has allowed for more accurate data transmission, optimising refuelling by over 50% and therefore reducing the cost of both fuel and aircraft weight. At LHR, this has saved in the region of 2,000 tonnes of fuel and approximately 6,000 tonnes of CO₂. Alongside these savings, the technology has allowed for safe and COVID-secure refuelling, with the pilot and refueller able to communicate with minimum in-person interaction.

