



## Case Study

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# CWSI help Ryanair take flight with EFB success



Ryanair's objective is to firmly establish itself as Europe's leading low-fares scheduled passenger airline through continued improvements and expanded offerings of its low-fares service. Ryanair aims to offer low fares that generate increased passenger traffic while maintaining a continuous focus on cost-containment and operating efficiencies. Their determination to investigate cost saving initiatives has now also enabled them to become leaders in adopting relevant mobile technology which will have major business benefits of both efficiency and cost savings.

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### How CWSI helped Ryanair to 'Get Better'

As the project was central to their mobile strategy, Ryanair requested proposals from a range of vendors and after an extensive comparison analysis, they selected CWSI as its mobility integrator.

CWSI worked closely with the hardware supplier and the application development team to ensure the project was completed in the allocated timeframe. To support the EFB project, we worked with Ryanair to implement a MobileIron enterprise mobility management (EMM) platform.

Ryanair uses MobileIron to secure pilots' iPads, maintain an accurate device count across 4,000 devices, reset employee passcodes quickly,

and manage its growing line-up of aviation apps.

The pilots were given the powerful mobile devices (iPads) to run the aviation applications in a tightly spaced cockpit environment. CWSI worked with Ryanair's IT department to enable automated on boarding and troubleshooting processes that would guarantee the same level of security on all devices as well as providing a central platform for reporting and monitoring.

CWSI ensured there was consistent security provided on its iPads' iOS devices and the ability to wipe corporate data from jail-broken or missing devices. All this needed to be achieved while maintaining the

security controls behind the scenes to keep it seamless for end users. Ryanair were keen to remove paper and manuals from the flight deck realising it saves 15kgs of weight from each cockpit. The airline claims this will mean eliminating more than 10 million pages of paper, extra weight and therefore, creating massive fuel savings.

Michael Hickey from Ryanair said that "the logistical challenges of delivering information to crew are instantly simplified" by the move.

**"A paperless cockpit is an efficient cockpit."**

## 'Always Getting Better'

As part of its 'Always Getting Better' programme, Ryanair pilots now have full electronic use of Boeing's Onboard Performance Tool (OPT). This includes take-off performance calculations, the latest weather reports, as well as access to the most up to date electronic flight manuals.

### The Ryanair's Success:

Over **1,600** flights per day

**189** destinations

**72** bases across **30** countries

**80 million** passengers annually

over **300** new Boeing 737-800 aircrafts

Ryanair pilots are now using iPads on board, launching their Electronic Flight Bags (EFB) for all pilots across its entire fleet of 300 Boeing 737-800 aircraft and 4,000 pilots serving over 200 destinations across Europe.

*"CWSI have been instrumental in the successful delivery of this project enabling proven results in increased productivity. Their knowledge on mobility issues is second to none. They managed the deployment seamlessly, completing the project on time and to budget."*

James Hallam, IT Operations Manager, Ryanair

As the pilots are flying around Europe, CWSI have ensured that all devices connecting to the network have been adequately secured. When a pilot loses their passcode, IT can simply reset it within MobileIron— rather than wiping the entire device and forcing the employee to spend 1-2 two hours reinstalling apps.

**"This is yet another display of Ryanair's commitment to improving our already outstanding operational performance. Ryanair recognises the value of this cutting-edge technology as a powerful and flexible solution."**

### Key Benefits

- Eliminate the need to wipe devices when pilots lose passcodes— saving 1-2 hours each time
- Gain greater control over the distribution and use of aviation mobile apps
- Scalability to support Ryanair's mobility programme
- Ability to automatically wipe corporate data from jail broken devices

## CWSI is still helping Ryanair to "Get Better"

Meanwhile, Ryanair continues to work closely with CWSI to get the most out of its MobileIron platform. The companies recently partnered to upgrade Ryanair to the latest version of MobileIron, enabling access to new functionality that will help IT support more devices and an ever expanding library of mobile apps.

### MobileIron @Work

MobileIron iOS Management secures corporate data without impacting or hindering the iOS user experience for thousands of pilots.

### Getting a better handle on mobile apps

A key part of Ryanair's mobile strategy is to give employees the mobile apps they need to stay productive on the road....and in the air!

The project was another example of how CWSI's expertise can improve business processes, create greater efficiencies, cost savings and enable enterprises such as Ryanair become leaders in their field by being 'Mobile First'.

For more information on this or other projects we have successfully completed, please call us on +353 (0)1 2932 500.

