

myairops SUCCESS STORY

"We wanted to find a partner that understood the importance of not only the data but the mechanism of how that data is consumed."

Tim Ford, President and Managing Director | myairops

myairops is a provider of cloud native applications and services for the aviation market with a global customer base.

Integration is key to the myairops success, as technology and solutions are fused with data from Spire Aviation, to provide advanced decision-making capabilities and perform operations that are not possible without taking high quality near real-time data.

PRODUCT

myairops flight is a cloud-native ERP solution for operators across the entirety of the industry, for example, corporate flight departments, managed fleet operators, charter brokers or special mission providers.

In addition to providing all the tools and services that an operator or broker would need, the system drives efficiency through process automation.

The process automation is achieved by building an accurate picture of the operational context including, position, weather, crewing, customer requirements, financial data, maintenance and supplier status changes. If anything changes, the system can adapt to take automated actions and alert system users.



CHALLENGES

Operators, owners and consumers all require the latest information, and accuracy is paramount when it impacts automation, operational planning, service delivery monitoring and billing.

Too much information in the aviation industry is still captured in paper-based records that delay insights and for that data to be used. Furthermore, streamlining the efficiency of both operations staff and flight crews is key. myairops lightens the load by focusing on automation as well as the process of data validation rather than data delivery. Knowing where an aircraft is and also using position and time-based data post-flight is essential.



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SOLUTION

Spire Aviation data was selected to provide accurate ADS-B positional information that could be easily consumed by the myairops flight product. The combination of satellite and terrestrial based tracking provides continuous global coverage.

myairops will be announcing further enhancements utilising Spire Aviation weather data later this year.

Positional Information

The positional information, in addition to the speed and heading data provided by the Spire data feed, in combination with myairops aircraft performance information provides the following solutions to our customers:



Automated flight following and completion of flight actuals

Live tracking and visualisations from departure to arrival.



Automated notifications for flight following tasks

Notify interested parties such as FBOs, fuellers and ground transportation services when the flight is 30 minutes before arrival. A task that would normally be performed by a flight operations staff member.



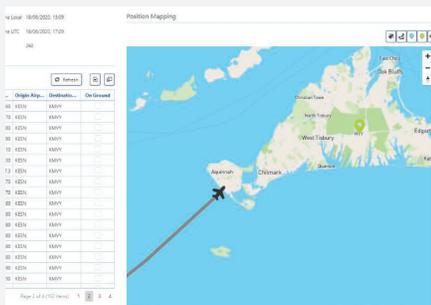
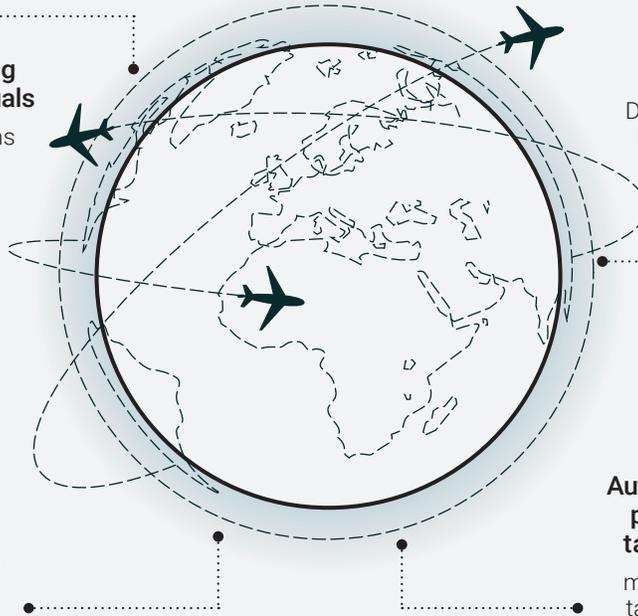
Predictions on ETA

Delays and arrivals which could have a knock-on effect to the up-coming flight schedule.

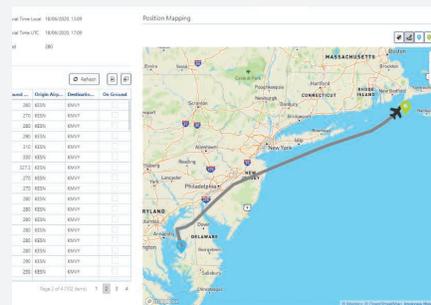


Automated completion of crew post-flight information to take-off and landing times

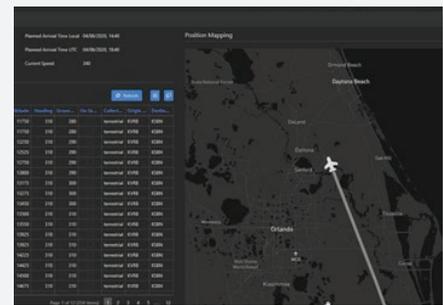
myairops fuses Spire data with taxi-time data to automatically complete on and off-block times.



Live tracking - current zoom view relative to arrival



Live tracking - whole route zoom level



Live tracking - zoom view relative to take-off