

# Cirium Sky for Airline Ops

A managed data warehouse enabling airlines to discover actionable insights backed by a wealth of operational data and context.

Managing the aircraft mission effectively across all stages of the flight is critical. The most challenging problem for airlines is finding, cleansing, and organizing trusted data required for strategic planning, tactical operations and post-flight analysis; data has to be timely and complete.

## What airlines told Cirium:

“We need a trusted data source that enables us to derive actionable insights immediately”.

“We want our analysts to have direct access to data for building their own dashboards & reports”.

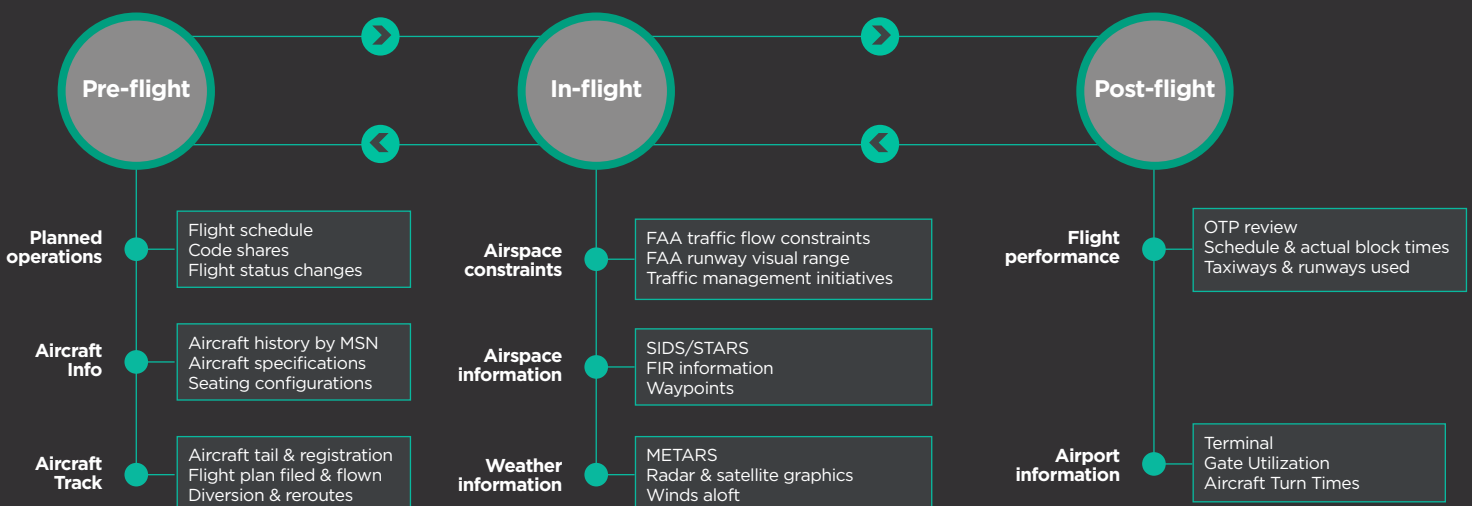
“We require prescriptive and predictive analytics to anticipate future operational challenges”.



## A 360-degree view of a flight

It’s clear airlines need a fresh new solution to help manage all stages of flight. Cirium Sky for airlines is Cirium’s response to the challenge – a complete transformation and way to coordinate activities between commercial strategy, airline operations, airspace & infrastructure. Leveraging our experience in the largest single source of aviation data in the market, whilst ensuring data transparency, data fluency, and seamless data transfer.

Airlines can combine data to provide the most comprehensive view of a flight:



## Why airlines use Cirium Sky:

- Analyze and understand important market and industry trends.
- Help make informed route and network planning decisions.
- Monitor and manage operational performance across all regional and alliance partners.
- Help to deliver exceptional passenger experiences.
- Better disruption management enabling faster response times during irregular operations.



## Need to know - integration & tech info:

- The Cirium foundational & flight-related data sets are available in a private instance, this includes OA (other airline).
- Your business intelligence tools connect seamlessly to Cirium's data warehouse using standard SQL and ODBC/JDBC connectors.
- Our enterprise-grade data warehouse is managed by Cirium and hosted in the AWS cloud.

## Transforming airline decision making at Alaska Airlines

Alaska Airlines selected Cirium Sky for Airline Ops as the solution to integrate data across its many teams which included; performance analytics; operations/dispatch; and network planning.

Cirium Sky for Airline Ops enables Alaska Airlines to increase its operational efficiency as well as its on time performance across its entire fleet.



Alaska Airlines Uses Cirium Sky to perform competitive benchmarking by airport, route and airline. They monitor airport station delays impacting its operations, perform schedule & block optimization, conduct route analysis and monitor surface operations.

**Find out more at:** <https://www.cirium.com/products/sky/cirium-sky-for-airline-ops/>