OPSCORE™ FLIGHT TRACKING

INTELLIGENT DATA TO TRACK EVERY FLIGHT, INFORM EVERY DECISION

Collins Aerospace flight tracking and operational insights, powered by FlightAware

If you're looking for a more comprehensive view of your airline and airport operations, our latest OpsCore™ Flight Tracking solution, now integrated with FlightAware Foresight™ predictive ETAs, delivers the intelligent data you need to make informed decisions with the highest level of confidence.

With OpsCore, you can easily see where your aircraft are in real time and understand what hazards or weather conditions may impact your routes and schedules. And, as an all-in-one solution to optimize flight operations, OpsCore integrates with user workflows and other operational tools for maximum convenience.

KEY FEATURES & BENEFITS

- Integrated FlightAware Foresight predictive ETAs
- Alerts for flight status, weather and airspace hazards, including diversion alerts
- A focus on a connected ecosystem through agnostic integration of flight planning systems, data feeds and messaging applications such as Collins Hermes™
- More efficient deployment of airport and airline resources and personnel
- Real-time global flight tracking coverage through FlightAware
- Multiple flight data sources for 4D/15 GADSS compliance*
- Assist in optimal routing that can facilitate lowering costs and environmental impact

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Optimized data for faster decision-making

OpsCore pairs Collins' proven messaging, alerting and fleet management capabilities with FlightAware's Firehose™ API and HyperFeed® data aggregation and analysis tools to bring multiple sources of data together into one, single stream of actionable data. This is then delivered to aircrews, flight operators and key airport personnel, keeping them informed at every step of the journey.

This bird's eye view of operations, combined with a high level of data-driven situational awareness, supports better, faster decision-making, as well as reduced costs and delays from IRROPS, fuel and weather impacts.

Regulatory compliance

As dispatchers, and Airline Operational Control Center (OCC) managers know, precision data and flight locating technologies are not simply valuable tools – they support regulatory compliance. When it comes to ICAO's Global Aeronautical Distress and Safety System (GADSS) standards* for flight tracking, OpsCore helps by displaying accurate and up-to-date flight position data.

Seamless integration

And because OpsCore integrates with other Collins applications and services, you get a user-friendly experience across our other solutions, like Hermes™ messaging and GLOBALink position reports.

Better utilization of resources

With OpsCore, passengers enjoy an enhanced travel experience, airlines can better monitor flights and manage turnarounds, and flight dispatchers and OCC managers have the intelligent data needed to make informed decisions about flight logistics and how to mitigate disruptions.

Collins Aerospace OpsCore Flight Tracking, is ready to increase efficiency and improve your flight operations. Find out how we can help put intelligent data to work for you.

MAXIMUM FLEXIBILITY

- Configurable to airline requirements, with multiple views and options available
- Built using a modern, cloud-based tech stack, and supports legacy IT systems
- Designed to support commercial airlines, business aviation and military markets

EASY TO USE

- Web-based access with familiar, intuitive user interface
- Flight information
- Users set controls and preferences
- Rapid deployment minimizes network disruptions

FLIGHT DATA

- Enables adherence to latest ICAO flight-tracking standards*
- Data sources available include radar, terrestrial ADS-B, MLAT, ACARS position reports, datalink messages and Aireon space-based ADS-B
- "Multi-stream" displays utilizing the FlightAware Firehose API
- Flight filtering capabilities
- Alerting services
- Flight positional data
- Flight plan deviations
- Airport weather
- Customer integrated flight plan data

*Dependent on sourced data

Specifications subject to change without notice.

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