

ABOUT AIRNAV SYSTEMS

Founded in 2001, AirNav Systems is a global leader in flight tracking and aviation data services, serving both B2B and B2C markets worldwide.

In the B2B segment, the company delivers flight data services and cloud-based fleet management solutions to more than 100 aviation businesses, government agencies, airlines, media organizations, and airports

across 60+ countries. In the B2C space, AirNav operates AirNav Radar, a web and mobile platform providing real-time worldwide tracking of commercial and general aviation traffic. The company also manages one of the world's largest ground-based ADS-B tracking networks, powered by over 40,000 ADS-B receivers across 190+ countries.



AirNav systems

Trusted flight data. Confident decisions.

FLIGHT FEEDS

Available Formats: XML, JSON

Access to Data: TCP Stream, HTTP, Kafka, FTP.

Feed Number	Feed Name	Contents	Retrieval Method	Data Format
Feed 1 Includes positions from ADS-B, FAA SWIM, Oceanic, MLAT, ADC-C, HFDL, and Estimation. Commercial flight data can also be included.	Real-time flight position data streaming	Flight position updates in real-time. The client can choose which data sources to include	Kafka Stream or TCP Stream	JSON
Feed 2 Schedules, departures and arrivals for commercial flights. No position data.	Real-time commercial flight data streaming	Commercial flight data	Kafka Stream or TCP Stream	JSON
Feed 3 Includes positions from ADS-B, FAA SWIM, Oceanic, MLAT, ADC-C, HFDL, and Estimation. Commercial flight data can also be included.	Real-time flight position data polling	Flight position updates in real-time. The client can choose which data sources to include	HTTP Polling	XML or JSON
Feed 4 Schedules, departures and arrivals for commercial flights. No position data.	Real-time commercial flight data polling	Commercial flight data	HTTP Polling	XML or JSON
Feed 5 Contains the exact time, aircraft, airport and runway for each takeoff and landing.	Real-time takeoff and landing data polling	ADS-B derived takeoff and landing information	HTTP Polling	XML or JSON
Feed 6 Detailed aircraft data for a given Mode-S hex code or registration, such as the ICAO type and the serial number.	Aircraft information data	Aircraft details	HTTP Polling	XML or JSON
Feed 7 Detailed flight plan data for a given flight number or registration.	Flight plan data streaming	Flight plan data	Kafka Stream or TCP Stream	JSON

GET IN TOUCH

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