

Flight Explorer Professional® Air Carriers



Global Aircraft Tracking • Real-Time Alerting • Simple OCC Systems Integration

Flight Explorer provides air carriers the robust and reliable global aircraft tracking, alerting and communications tools they require to improve the efficiency and performance of their overall flight operations. The Flight Explorer Professional Aircraft Situation Display (ASD) goes beyond “flight tracking,” incorporating multiple data feeds, dynamic weather overlays, situational alerts, flexible interfaces, predictive weather and predictive air traffic tools to make FE Professional an essential flight operations management system.

Whether you are a major, regional, or commuter airline, Flight Explorer has the tools to help your business make the informed decisions on how best to manage your operations.

KEY TRACKING, ALERTING AND INTEGRATION FEATURES FOR DISPATCHERS

Route Building, Checking and Display – Import Company and Preferred routes (including ICAO routes) and display one or more of them on Flight Explorer. Route information can be sent back and forth between flight planning applications and Flight Explorer.

Aircraft Alerting Features – Keep track of your aircraft and city pairs with fleet based alerts for arrivals, departures, changes in destination, ETA changes, weather, ATC delays and more.

Airport Alerting Features – Receive critical alerts for your fleet’s arrival and departure airports such as METARs, RVR, FAA Delays and Diversions.

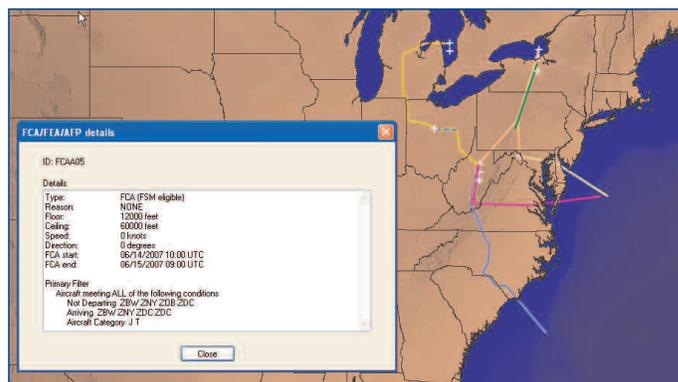
Extensive Weather Overlays – Display and animate many different graphical weather layers and textual weather data such as North American NEXRAD weather, worldwide IR satellite coverage, international METARs and on-site turbulence.

3PDI and ACARS Ingest – Track and communicate

globally by sending supplemental tracking, messaging and event information, such as ACARS or Iridium data, for distribution to any Flight Explorer client application.

Flow Constrained Area (FCA) / Flow Evaluation Area (FEA) – View real-time graphical information about congested traffic flow areas.

continued



Users can visually depict FCA/FEAs and view details such as the type of constraint, reason for the constraint and all affected aircraft.

Desktop Interface Integration –

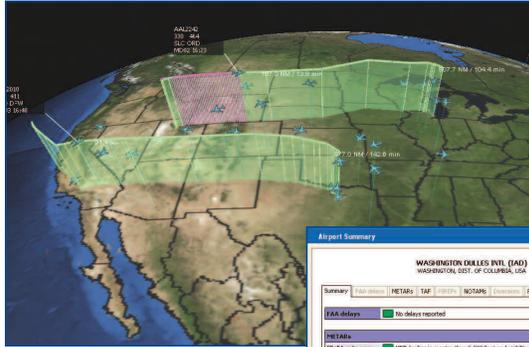
Seamlessly integrate with 3rd party systems such as Flight Planning and other in-house systems.

Airport Status Information –

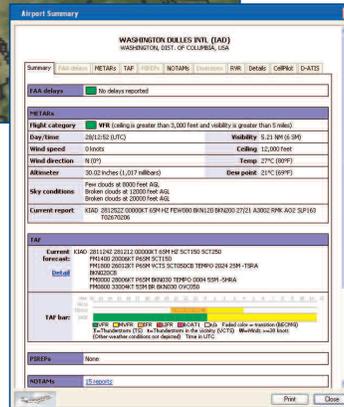
View real-time airport status information such as METARs with runway crosswinds, 24 hour graphical TAF bar, RVR with tear off watch window and diversion summary.

Digital Automatic Terminal Information Service (D-ATIS) –

Receive and read ATIS text messages including runway and taxi instructions,



FE Professional's spherical view allows users to view an aircraft's flight plan and route flown in 3D.



With the Airport Status information users can view METARs, TAFs, PIREPs, FAA Delays as well as D-ATIS to better anticipate airport conditions and delays.

frequency outages and local weather conditions from within Flight Explorer.

Qualified Internet Communications Provider (QICP) –

As an FAA approved source of Internet delivered weather data for flight operations centers, FE serves as a single source for flight tracking, weather, proactive alerts and flight planning.

User Defined Views –

Customize and save up to 100 different overlay settings specific to your operation and save time by transferring views from dispatch desk to desk.

KEY OPERATIONAL BENEFITS

- ➔ Monitor flights and view weather and flight plans all through a single integrated display.
- ➔ Improve on-time performance and operational efficiencies through better situational awareness.
- ➔ Dispatch, monitor and reroute flights to achieve optimal fuel economy and reduce block hours.
- ➔ Visually depict in 3D the planned route of flight in relation to predicted weather and anticipated air traffic and amend routes as necessary.
- ➔ Utilize RVR data and current runway wind breakdowns to plan for takeoffs and landings accurately.
- ➔ Capture valuable flight, weather and airport information for efficient airline station management.

