



# FlightDeck Freedom

The most secure, reliable datalink communications solution available



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## FlightDeck Freedom®

(FDF) is Gogo's versatile flight deck communications platform. It provides secured, cost effective datalink communications with numerous configurable features and value-added services. FDF is the only datalink service to integrate flight deck and cabin communications and allow connections to the leading international trip planning services around the world. Gogo is able to support flight plans from any flight planning app, domestically and internationally.

FlightDeck Freedom service is fully compatible with all avionics and airframe manufacturers and uses datalink technology that is specifically designed to support business and military aviation, worldwide.

## Stay Informed in the Flight Deck with Automated Alerts and Notifications

FDF provides flight crews access to Digital ATIS, airport weather, enroute winds, graphical weather, flight plan uploads, pre-departure clearances, oceanic clearance requests, and email messaging to/from the aircraft. Dispatchers and ground personnel can track aircraft anywhere in the world via takeoff/landing reports, diversion reports, ETA updates, position reports, and SD Pro Flight Tracker.

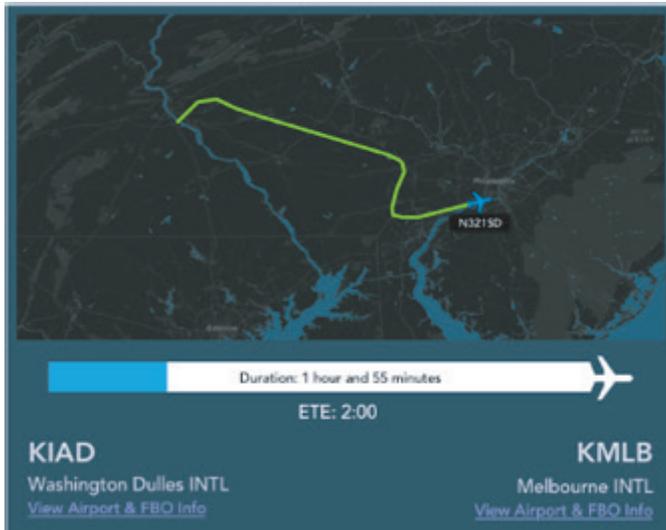
FDF displays visibility to cabin communications by monitoring data usage and shows service outage notifications to the flight deck. FDF also provides flexibility in using satellite and VHF for datalink communications.



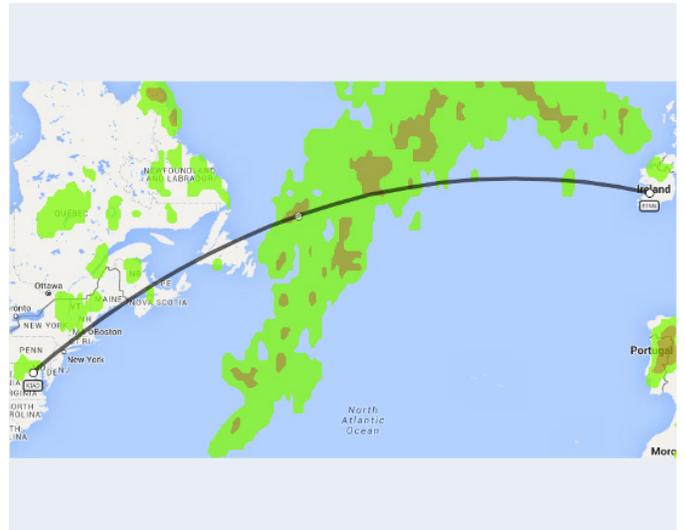
**GeoFence** is a virtual boundary set up around a specific area on a map, such as a provider coverage zone or a custom perimeter. When an aircraft enters or leaves this area, the geofence can automatically send you an alert or trigger an action. These alerts, known as **geo-notifications**, are geolocation-based and can be tailored to specific aircraft or proximity-giving you advance notice when your aircraft is approaching or exiting a defined area, like coverage zones or sensitive airspace. This helps maintain connectivity, supports timely decision-making, and enhances overall security.

*Gogo's geolocation-based technology includes GeoFence and GeoNotifications, including static boundaries and dynamic Route Alerts.*

**Route Alerts** are based on dynamically updated weather conditions along your flight path. Automatically alert crews and operations when hazardous weather could impact flights well before the actual event occurs, improving diversion planning and enhancing flight crew situational awareness. Route Alerts is compatible with your existing avionics – and no additional applications are required.



**Security Alerts** provide real-time notifications and warnings of potentially dangerous situations and events that can restrict travel. Includes monitoring and warnings of major security events that are present at or around the destination and/or departure location. Security alerts notify you of impending dangerous situations and help you avoid them.



*FDF Security Alerts have proved to be a huge benefit to our operation. While in flight, we received a critical alert for the destination airport. The alert was received directly to the flight deck, with enough time for our crew to make an informed decision. We were able to divert to an alternate airport, without the need to hold for an extended period, or to land and immediately relocate the aircraft. This provided us with not only the serious safety benefit, but cost savings as well."*

**- Director of Aviation, G550 Operator**

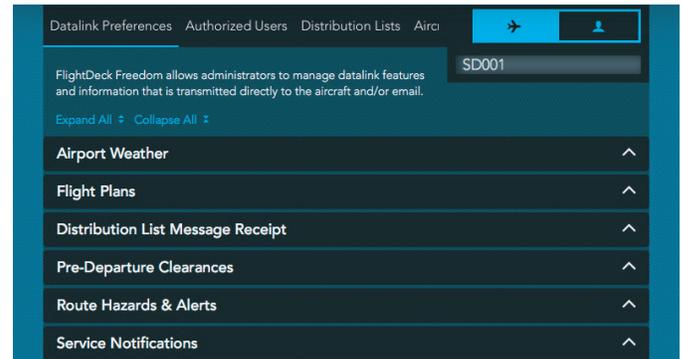
## Compliance

FANS (Future Air Navigation System), ADS-C (Automatic Dependent Surveillance Contract), and CPDLC (Controller-Pilot Datalink Communications) are available via FDF. Gogo also monitors performance of FANS/ CPDLC transactions to help customer remain compliant with mandates to monitor datalink system performance.

### FDF® in SD Pro®

SD Pro®, enhanced by the FDF® module, is a unified platform for business aviation that offers real-time flight tracking, PBCS monitoring, and advanced datalink management. Key features

include automated flight log reporting, secure messaging, distribution lists, and management of critical flight data such as weather, flight plans, and aircraft reports. This streamlines operations, improves communication, and supports data-driven decision-making for flight departments.



## Annual Plan Features

- Flight Plan Upload to FMS (compatible with 20+ Flight Plan Providers)
- FANS (CPDLC & ADS-C) Air Traffic Services (ATS) messaging
- Flight PlanWinds upload to FMS
- Digital ATIS
- Pre-Departure and Oceanic Clearances
- Text weather including: METAR, TAF, PIREP, SIGMETS, NOTAMS and Winds Aloft
- Automated movement reports (takeoff & landing) to email, fax or mobile phone
- Aircraft messages to email, fax or mobile phone
- Direct email access to aircraft – tail#@fdfmail.com allows authorized users to send messages directly to the crew on the MCDU
- Engine Monitor Reporting
- Central Maintenance Computer (CMC) messages
- Graphical Weather for eligible avionics (add-on)
- Exclusive Satcom Direct® short code access for cabin communication systems status
- SD Pro account and FDF settings management
- Global flight tracking via Satcom Direct's exclusive flight tracker, SD Pro Flight Tracker
- Tracker Mail: email service that allows a request for aircraft position information to be sent to the requestor's device.
- Access to SITA VHF & VDL Mode 2 ground stations
- Geoservices notifications for SD subscribed service areas and limitations
- PBCS monitoring
- GPS Jamming/Spoofing alerts

