



Flight Data eXchange (FDX)

FAQ – Frequently Asked Questions

❑ What is GADM?

GADM is a data management platform integrating several sources of operational data received from various channels and different IATA programs. GADM goals are to provide the industry with comprehensive, cross-database analysis and to support a proactive data-driven approach for advanced trend analysis and predictive risk mitigation.

❑ What is Flight Data eXchange (FDX)?

FDX is a GADM program encompassing an aggregated de-identified database of flight data. Raw binary flight data is processed and analysed. The results are merged and aggregated into a single de-identified database. The results may be viewed by participants via a dedicated web platform.

❑ Where does the data in FDX come from?

Raw flight data is collected from program members and processed against a pre-defined analysis specification and key performance variables.

❑ What are the benefits of FDX?

FDX allows participating airlines to identify commercial flight safety issues comparatively for standard key safety performance indicators (SPI). Airlines can benchmark their performance against the aggregate of other operators with similar/same aircraft types and/or regions.

❑ If I join FDX do I need a FOQA program?

FDX is not a replacement for an operators FOQA program. The FDX limits for performance are broad to accommodate a large range of operators while an individual operator will set their FOQA limits per their internal SOP's. Due to the large data set, not all flights will be processed only a statistical sampling to insure adequate regional coverage.

❑ How is data uploaded?

When an airline joins FDX, a secure FTP account for the airline is created. This is where the raw flight data files are uploaded. Data can be uploaded through our SFTP data upload webpage or through any other FTP client software.



❑ How long before my information is available on the FDX website?

Once the appropriate contractual documents have been signed and the contact and fleet information has been provided, it takes, on average, 90 days to set up a new account.

❑ Are there other GADM programs that I can participate in?

Yes, participants are encouraged to join other GADM programs and have access to a wide range of tools, services and reports. IDX (Incident Data Exchange), ADX (Accident Data Exchange), and Flight Data Connect, are other GADM programs offering participants access to powerful statistics and aviation intelligence analyses.

❑ What if I have a question not addressed in your FAQ?

Please feel free to email us at fdx@iata.org.