



About Us

Guardian Mobility is a leading provider of end-to-end solutions for global tracking, voice and data communications, Flight Data Monitoring and analytics services to the aviation marketplace.

We have developed a full range of products and services for aircraft operators to increase safety and efficiency while reducing costs with improved reporting. Guardian's products are approved for government-mandated Automatic Flight Following (AFF). Our products are used by fleet operators worldwide for Flight Data Monitoring (FDM) and Engine Trend Monitoring (ETM) that support Flight Operations Quality Assurance (FOQA) and Maintenance Operations Quality Assurance (MOQA) as part of a Safety Management System (SMS).

Our product offerings include:

- ▶ G3 | Track
- ▶ G5 | Track & Text
- ▶ G7 | FDM



**Safer Cockpits.
Better Bottom Line.**

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Meeting the Demands of Your Operational Reality

- ▶ FDM Implementation
- ▶ FDM Analysis
- ▶ Hardware Products

Flight Data Monitoring Solutions

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Flight Data Monitoring (FDM) Solutions

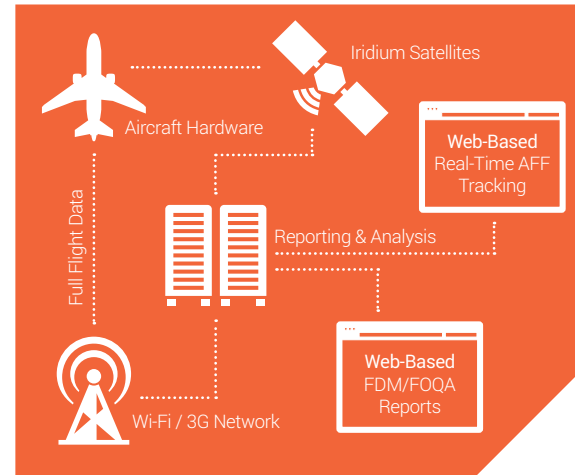
Guardian Mobility offers a cost effective modular Flight Data Monitoring solution that compliments your Safety Management Systems (SMS). Guardian's FDM solution modules include the delivery of the implementation and operations plan, fully managed analysis services and web-based tools that easily interface with your Quality Management Systems. With the ability to use existing hardware or by upgrading to the G7, you get a complete FDM solution from one source. As an industry leader in fully managed FDM analytics services, we are able to provide the guidance you need in choosing the optimum elements for your FDM program.

- ▶ Comprehensive flight and engine data recording for complete and detailed analysis customized to your operation.
- ▶ Extensive web-based analysis and reporting tools give you access to detail reports on individual flights and aggregate analysis reports to spot trends and monitor remedial actions.
- ▶ FDM analytics from any data source (QAR, FDR, G7 and others).
- ▶ In-flight analysis and communications for real-time reporting of exceedances and FDM events.
- ▶ Automated wireless post-flight data download and analysis means you never have to touch the aircraft hardware to get the most recent data.
- ▶ Engine performance data can be integrated with Engine Trend Monitoring (ETM) services.
- ▶ Ability to provide precise OOOI (Gate Out/Wheels Off/Wheels On/Gate In) times can be integrated with scheduling and logging systems, significantly reducing errors and omissions.
- ▶ Real-Time Automated Flight Following (AFF) tracking with global coverage for increased operational awareness.
- ▶ In-depth studies on significant events are available.

High Return on Investment!
Payback in as little as 6 months.

Implementation & Operations Plan (I&O)

Guardian Mobility simplifies the incorporation of an FDM program into your organization. We have a proven I&O Plan developed by a team of industry experts that will have you up and running in 60 days as opposed to the usual six months. This I&O Plan becomes your FDM Manual.



FDM Analysis

We provide an extensive suite of fully managed analysis and reporting tools that can be configured to automatically provide emailed summaries of each flight within minutes of landing.



An easily accessed web-based FDM application provides detailed reports of individual flights and analysis of aggregate data. Access to the various reports and analysis can be restricted to authorized employees.

Our FDM solutions can integrate engine data with third-party Engine Trend Monitoring (ETM) tools and OOOI times with scheduling and log tools.

Use our analytics expertise to run your FDM program and take the load off internal resources!

Aircraft Hardware

Guardian's G7 platform is the solution for recording and processing FDM data when existing aircraft data is limited or not available.

- ▶ Compatible with both legacy and digital cockpits – common hardware across mixed fleets (e.g. both DHC-8-100 and Q400s).
- ▶ Real-time analysis of single parameter exceedances and multi-parameter FDM events (e.g.: high rate of descent and low altitude).
- ▶ Unlimited off-site data storage in RAID servers so your flight data is secure.
- ▶ Global tracking.
- ▶ Automatic post-flight download of the complete data log is achieved using a known, secure Wi-Fi network or a commercial 3G service.

Let Us Enhance Your Aircraft Operations

Contact us today!

www.guardianmobility.com