

FDA Services



A secure & effective hosted solution for Flight Data Analysis

Teledyne Controls has extensive experience in providing flight data monitoring services to operators across multiple continents. The data output from these services provide valuable information that helps operators meet their safety-related FDM/ FOQA obligations for accident prevention and safety management systems and also assist with operational efficiency and maintenance/airworthiness activities.

Realize the Power of Data

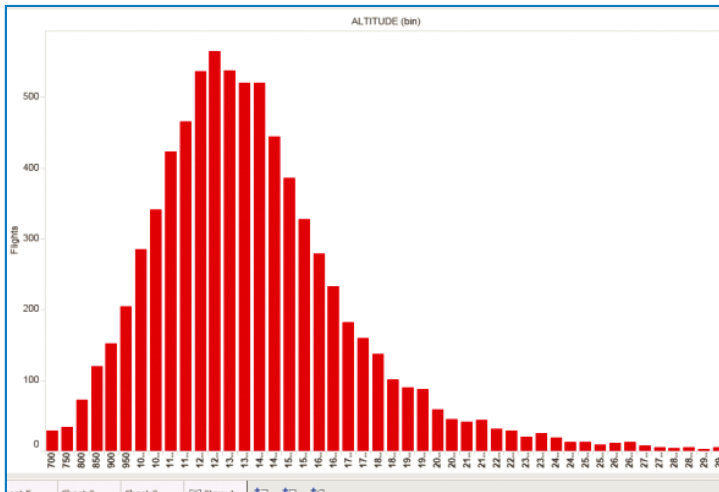
Our enhanced FDA Services utilizes Teledyne's latest FDA+™ solution to combine new flight data analytics and powerful visualization with new dashboards to quickly identify important areas of interest for an entire airline. With an array of tools and applications that includes maintenance and operations analytics and the generation of reports and exports, Teledyne's FDA Services delivers a wide range of valuable data in a form that more managers and users can absorb and benefit from.

Hosting with Confidence

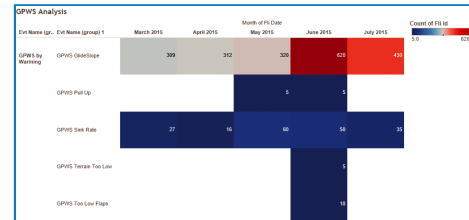
Teledyne provides a secure virtual server with high-speed connectivity, redundancy, and backup features to ensure the protection of your data and easy access to your information without delays.

A Working Relationship That Creates Results

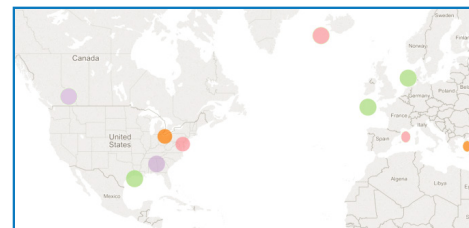
Combining the airline's aircraft systems domain knowledge with Teledyne's data analytics skills produces significant value and benefits and acts as a platform for identifying additional use of the data.



Visualization of Measurements



Event Risk Map



Geographical Risk Map

Key Benefits:

- Fast, secure, and flexible service
- Minimizes the need for highly skilled personnel for system management & use
- Supports flight safety, operations, maintenance and engineering departments
- Requirements easily converted into working functions

Key Features:

- Applicable to any aircraft type
- Comprehensive standard event set and measurements capability
- Ability to define and modify events & triggers and customize views of data
- New views of aggregate results to aid FDA/FDM/FOQA programs
- Data access available on tablets & mobile devices
- Data analysis domain experts available to help meet service needs

Modules Available:

- Safety Analysis (Events Frequency, Segment Capture, ...)
- Data Collection Analysis (Media Health, Missing Media, ...)
- Approach & Landings Analysis
- Warnings Analysis (GPWS, TCAS, ...)
- Fuel Analysis (option)
- ACMS Customization Service (option)
- Additional modules and analyses available