# Flight Data Analytics
## for Flight Safety & Risk Management



## Understand Operational Issues and Indentify Risk Factor

Teledyne's Flight Data Analytics (FDA) for Flight Safety & Risk Management converts aircraft systems and sensor time-series data into actionable information that help operators understand operational issues and improve safety by preventing incidents. FDA combines sophisticated flight data analytics, powerful graphics and customizable dashboards, allowing for faster and more effective identification of risk.

## Standard Analytics Dashboards

- Operational Risk monitoring
- Safety Analysis (Events Frequency, Segment Capture..)
- Approach & Landings Analysis
- Warning Analysis (GPWS, TCAS..)
- Flight Data Collection Monitoring & Analysis (Media Health, Missing Media..)
- Monthly Reports

## Key Benefits for the Airline

- Identification of operating risk through powerful dashboards
- Safety oversight when changes are made in Operational Procedures
- Improved training through easier flight crew de-brief on a particular flight or incident

**Aerospace Electronics**
Teledyne Controls

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## Additional Options

### Enhanced Aircraft Data Acquisition
- ACMS customization to acquire additional aircraft data*
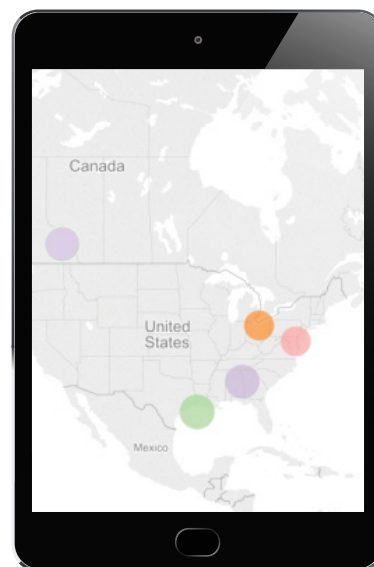- Expanded airborne recordings

*for aircraft with Teledyne ACMS Systems

### Data Delivery
- Cellular data global roaming connectivity
- GroundLink® base station hosting
- Ground data distribution to control and share partial or full flight data on your own terms

### Fuel Data Analytics Module
- Fuel usage analytics capability to indentify fuel savings opportunities and monitor performance of fuel conservation initiatives

## A working relationship that delivers results

Run by dedicated staff that understand the true value of flight data, Teledyne's Flight Data Analytics offers a combination of:

- All the equipment necessary for data processing, hosting, and maintenance
- An array of analytics and visualization tools
- Access to our skilled resources

Combining the airline's aircraft systems domain knowledge with Teledyne's data analytics expertise has proved to produce significant value and benefits and act as a platform for identifying additional use of the data. Our Aircraft Data Solutions are supported by expert teams around the world (Los Angeles, London, Beijing and Singapore) who can assist our customers locally and deliver faster results.

## Get More Value from your Data

- Powerful Dashboards
- Customizable Views of an airline's operation
- Wide range of valuable data in an aggregated format
- Secure Cloud Hosting

Aircraft Data Solutions