

GDD Ground Data Distributor

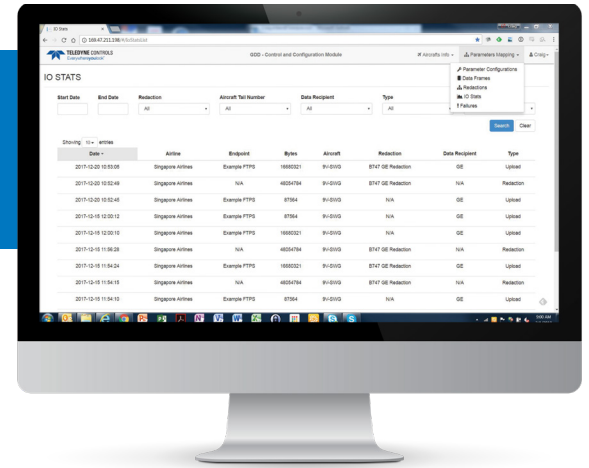
Ground Data Distributor Gives the Airline Control Over Flight Data Sharing

Large quantities of flight data (QAR/DAR/ACMS) are in great demand today. Airframe manufacturers, engine manufacturers, regulators and other equipment OEMs rely on this data to support their predictive analytics initiatives, giving the airlines' data value beyond their safety programs.

Teledyne's Ground Data Distributor is a software application that allows an airline to share selected flight data with specific groups of data consumers. These consumers can be stake holders within the airline beyond the safety team (such as flight operations, maintenance, engineering, etc) or third party users. Through a user friendly web interface, the airline has full control of the data and can easily configure which data is securely shared with each data consumer.

Key Features:

- Information Control - Flight data parameters are filtered for each tail number prior to routing by the airline
- Routing Controls - Flight data parameters are transmitted to each data consumer selected by the airline
- Ease of Data Filtering Setup - Data flow for each data consumer is managed by the airline from a customer web portal
- Data Filtering - Determined by existing data frame file format definition (Teledyne PRM, Teledyne FAP, ARINC 647A FRED)
- Secure data transmission protocols between airline GDD and data consumers
- Web Interface makes it easier to:
 - Display and select parameters to be filtered from the data frame
 - Apply filter rules to selected tails
 - Send the filtered data to specified data consumer endpoints
 - Monitor data distribution status and health



Key Benefits to Airlines:

- Flight data offers value beyond safety programs
- Data sharing with third party consumers provides additional value streams
- Privacy protection for sensitive and identifying data
- Provides airline control of data by aircraft and data consumer

Key Benefits to Data Consumers:

- Minimizes airlines' objections to sharing data
 - Provides data privacy and security
 - Automates data retrieval from aircraft and transmission to data consumers
- Offers reliable and automated stream of specific data from all flights
- Provides data access to build value generating applications and services

