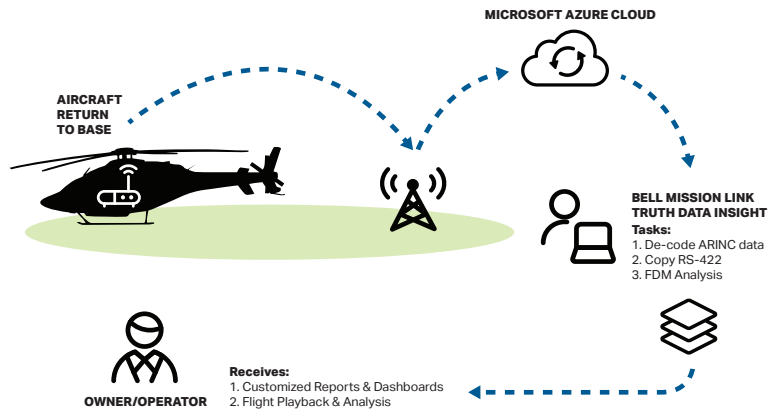




QUANTIFLY™

YOUR CONNECTED FLIGHT ANALYTICS SOLUTION

QuantifLY™ is an affordable solution to capture operational flight parameters to be utilized in Flight Data Monitoring (FDM). It provides the data needed by pilots, operators and fleet managers to analyze the safety and efficiency of how aircraft are flown. The information improves aircraft operations by identifying issues to reduce potential risks.



DATA FLOW



AIRCRAFT WITH QUANTIFLY	CELLULAR TRANSFER	UPLOAD	MISSIONLINK®
<p>Functions</p> <ul style="list-style-type: none"> Gather Store Transmit data <p>Partner: Appareo Systems (hardware)</p>	<p>Functions</p> <ul style="list-style-type: none"> Internet access <p>Partner: Appareo IoT Services</p>	<p>Functions</p> <ul style="list-style-type: none"> Authenticate Receive Store data <p>Partner: Microsoft Azure</p>	<p>Functions</p> <ul style="list-style-type: none"> Process/decode data Data display to operators/Bell Data transfers to partners
Operator	Commercial Cellular Network	Cloud	Bell

QuantifLY™ was developed by Bell in partnership with Appareo and Truth Data Insights. The product utilizes cellular (4G LTE / 3G GSM) data transmission (on the ground) to offboard aircraft Flight Parameter and Maintenance Data via Cloud for processing and analytics. Designed to DO-160G, a Supplemental Type Certificate (STC) has been awarded for the installation of QuantifLY™ for Bell 429 and Bell 407 models. An eventual Approved Model List Supplemental Type Certificate (AML-STC) is in work.



BENEFITS

- Enables an affordable Safety Management System (SMS) interface
- Uses aircraft-recorded data to monitor trends
- Provides confidential, constructive feedback to pilots
- Small / Lightweight LRU (<5 lbs installed)

FEATURES

- 32 GB eMMC standard storage
- LTE CAT 4 cellular radio with 3G/2G fallback
- Discrete I/O
- RS-422
- ARINC 429 RX (up to 10 Hz)
- Inertial measurement unit & GPS
- Weighs less than two pounds

Network Regulatory & Certifications

Verizon Network

Vodafone

CE, IC, FCC, RCM

Aircraft Approved List

Bell 429 (Nov 2020), Bell 407 (Dec 2020). Other Bell models and additional manufacturer models planned 2021.

FOR MORE INFORMATION AND PRICING

Visit aero-access.com/products/Quantify or email sales@aero-access.com or call 800-251-7094.



aero-access.com

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