



INTELISIGHT™ VIRTUAL QUICK ACCESS RECORDER APPLICATION

SIMPLIFYING DATA MANAGEMENT

Full flight data access with no additional hardware

The Collins InteliSight™ Virtual Quick Access Recorder (vQAR+) application is hosted on our Aircraft Interface Device (AID). The app provides QAR functionality for operators to easily implement Flight Operations Quality Assurance (FOQA) and Maintenance Operations Quality Assurance (MOQA) programs.

Using an application loaded on the AID, operators can access and record ARINC 717 bi-phase and bipolar frames simultaneously, including both mandatory and user-modifiable data frames. In addition, the vQAR+ goes beyond traditional QAR functionality by providing operators the capability to select and record ARINC 429 and discrete data.

The AID's integrated communications manager provides greatly reduced data latency to accelerate the turnaround time from problem report to resolution while also providing improved data retention when compared with legacy QAR solutions that rely on the manual transport of physical storage media.

Due to the capabilities inherent to the AID and its installed architecture, this data-loadable solution is available with no additional hardware requirements.



KEY FEATURES AND BENEFITS

- vQAR+ app is hosted on our AID
- Leverages standard AID installation with on-wing software update and no additional hardware needed
- Optional integration with existing Flight Data Management (FDM) and FOQA analysis suppliers
- Reduces data latency post-flight
- Dramatically improves data retention
- Simultaneous ARINC 717 bi-phase and bipolar recording
- Enables ARINC 429 data recording



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