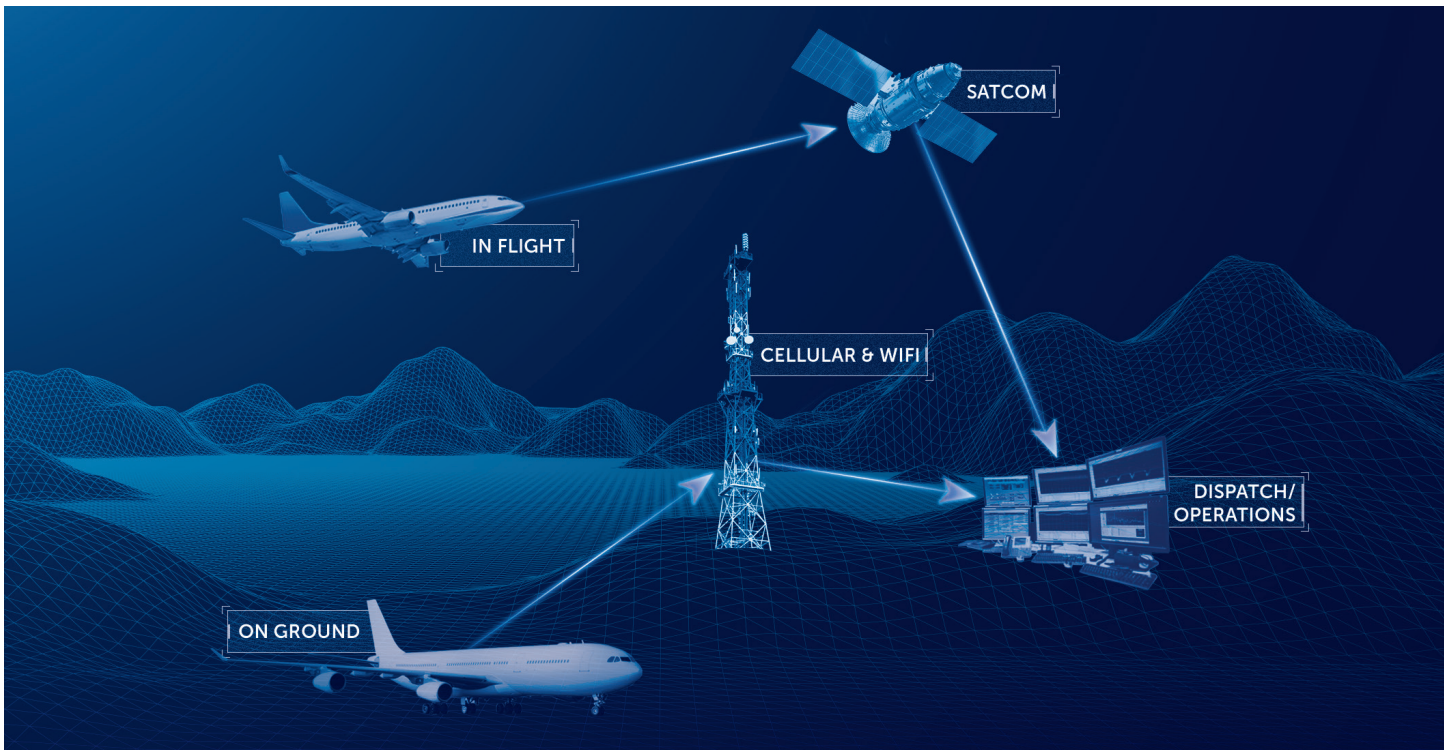


Connected Aircraft Solutions Full System Integration



INTRODUCTION

As an FAA-approved design and production organization specializing in turn-key solutions, we produce design packages and installation kits in-house, giving our customers single-source procurement and the benefits of an efficient combined operation. Our AS9100 Quality Management System oversees all our work.

Our Connected Aircraft Solutions are designed for multiple aircraft platforms. These solutions provide passenger and cargo aircraft operators an expandable and customisable system which enables the utilisation of aircraft data to increase efficiency, optimise operating costs, and improve customer experience – all in real-time. To achieve this, we have partnered with Collins Aerospace and Cobham Aerospace Communications to create an optimal turnkey package.

Our Connected Aircraft Solutions bring together a Cobham AVIATOR S Series satellite connectivity system and a Collins Aerospace Aircraft Interface Device (AID). The resulting system delivers real-time communications between the aircraft and ground operations.

Aircraft systems provide the data required to achieve optimal performance, and the hardware adds new network functionality to the aircraft. Bolt-on options include electronic flight bags, camera systems, and voice communication.

CONNECTED AIRCRAFT BENEFITS

Improved Operating Costs

- More efficient flight plans and fuel usage

Improved Customer Experience

- Increased on-time flights
- Turbulence avoidance
- Real-time tracking for precious or sensitive freight

Flight Crew Operations

- Streamlined workload
- Improved situational awareness

Technical Operations

- Real-time data access
- Predictive maintenance

Safety & Security

- Real-time system monitoring by ground crews
- Fast access to system data onboard in one place
- Real-time POS approvals
- Internal temperature monitoring

Connected Aircraft Solutions Full System Integration

TURN-KEY PACKAGE COMPONENTS



FEATURES

Ultra-Compact L Band SATCOM for the Connected Aircraft

- FANS 1/A compliant
- Real-time EFB updates
- Only two LRUs
- Connectivity for Aircraft Control Domain and Aircraft Information Domain

Options:

- Voice communication

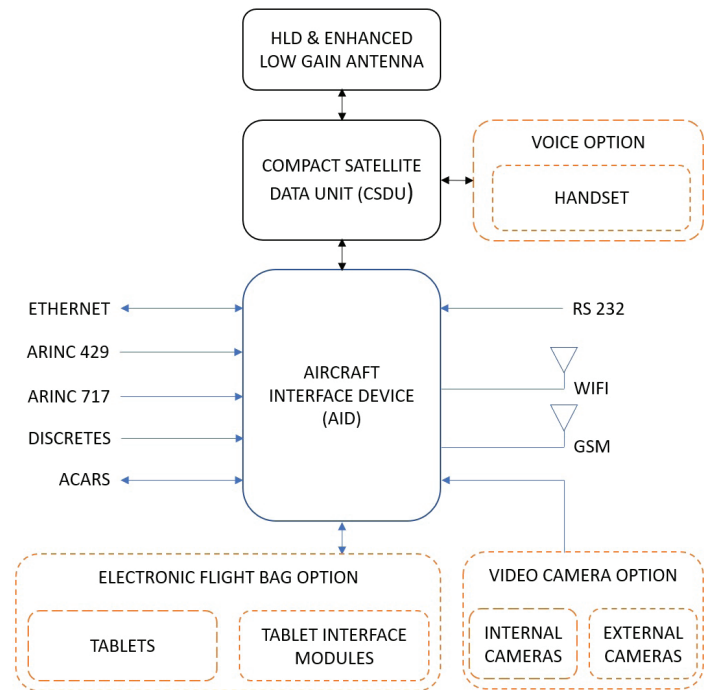
Intelligent Aircraft Interface Device

- Multiple interfaces to aircraft systems
- Virtual quick access recorder plus DVR & video streaming
- Aircraft Condition Monitoring Lite (ACMS-Lite)
- Flight tracking
- Data Loader
- ARINC 834 server

Options:

- Electronic flight bags (tablets)
- IntelliSight® electronic flight folder
- Internal & external cameras

SYSTEM ARCHITECTURE



See our full line of System Installation Kits at:
CarlisleIT.com/products/system-installation-kits/

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Sales@CarlisleIT.com