GroundLink® AID+
Maximize your crew's intelligence

Activate your cockpit connectivity and enhance your flight performance

Teledyne Controls provides a complete solution for enhancing EFB systems functionality by adding off-board communication, access to aircraft parameters and data management capability via its new GroundLink® AID+ system. This solution extends all AID functions to WiFi enabled EFB systems and other crew devices through a cockpit wireless network available in all flight phases. The AID+ system permits wireless tablet based EFBs (such as iPads) or traditional Ethernet connected Class1/2 EFBs to be integrated with the aircraft regardless of EFB form factor, operating systems or whether they connect with the aircraft as a wired or wireless EFB system.

An easy add-on to the GroundLink® Comm+ system, the GroundLink AID+ system extends the airline's investment already made in the GroundLink Comm+ provisions and hardware for applications, such as automated wireless Flight Data download and/or automated software and database upload to the aircraft mass storage data loader.

Key functions to support EFB services:

• Aircraft Parameter Service – access to aircraft parameters, both A429 and A717

• On-Aircraft DataStore – shared persistent data storage for EFB applications

• Wireless Router for Off-Aircraft Communication via 3G/4G Cellular

• ACARS Proxy Service to interface the EFB with aircraft ACARS system

• Flight Deck Printing from EFB applications

Application Integration

GroundLink® AID+ enhances EFB systems functionality by connecting innovative applications with onboard data. This provides instant and secure access to a wider range of in-flight information that the flight crew can leverage to improve navigation, plane performance, and fuel consumption.

Easy Installation - No Separate AID Unit Required

An AID+ upgrade is readily available on over 10,000 aircraft already equipped with Teledyne's GroundLink® Comm+ system.

- Wired option enabled by Software Upgrade Only: In this configuration, the AID+ function only requires a software upgrade and some additional wiring.

- WiFi option with the WAP: The WiFi option extends all the AID+ functionality to WiFi enabled portable devices. Enabling the WiFi option simply requires the provision of a wireless network through the installation of a Wireless Access Point (WAP) in or near the cockpit.

Benefits of GroundLink® AID+ and WAP

- Connects tablets and crew devices that can only access the Internet and server networks via WiFi
- Enables them to be fully utilized to solve flight deck and cabin crew information challenges
- Provides a Local Area Network on aircraft
- Coordinates information across tablets
- Provides on-aircraft data storage
- Provides access to aircraft parameters
- Eliminates data entry errors
- Provides access to cockpit printer and ACARS messaging
- Provides Internet access while on the ground