Works with GroundLink®
D e v e l o p e r   P r o g r a m

Teledyne Controls is launching its **Works with GroundLink**® developer program, providing a SDK (Software Developer Kit) that allows third-party software developers to interface their electronic flight bag and/or electronic techlog applications with our GroundLink® Comm+ and GroundLink® AID+ solutions.

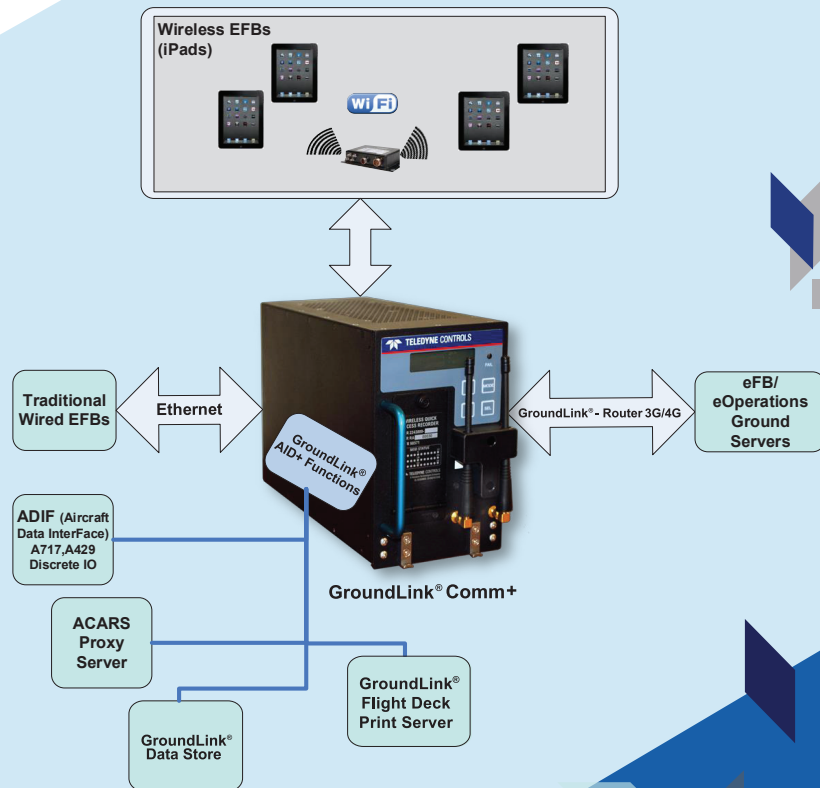## Why Participate in the **Works with GroundLink**® Program?

With a growing base of over 5,000 GroundLink® units in the field today, available for line and retrofit installations on most commercial airframe types, the GroundLink® Comm+ system has the largest installed AID base in the present market. Having AID enabled applications compatible with the GroundLink® Comm+ software will give your software products a significant market advantage.

GroundLink® **AID**+ Solution Overview

Wireless Aircraft Interface Device & Internet Connectivity for WIFI Tablet EFBs

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 the new **GroundLink® AID**+ system. This system provides WiFi enabled Mobile Computing Device-based EFB systems through a wireless network. It permits wireless tablet-based EFBs (such as iPads) and/or traditional Ethernet connected Class 1/2 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.

Enabled by a Software Only Upgrade to Already Installed Hardware (no additional weight)

TELEDYNE CONTROLS
Everywhere**you**look™

The GroundLink® AID+ function adds the following essential EFB support services to the GroundLink® Comm+ unit:

- **Aircraft Parameter Service** – Access to aircraft parameters A717, A429 and discrete IO provided as engineering units via IP port based API.
- **On-Aircraft DataStore** – Shared persistent data storage for EFB applications.
- **Wireless Router** – Off-Aircraft Communication via 3G/4G cellular router, rule based routing to third-party IP SATCOM solutions.
- **Full Cross-Talk Between Devices** – On-Aircraft secure IP VLAN network switching allows data interchange amongst connected EFB, CFB and ETL devices.
- **ACARS Proxy Service** to interface EFB with ACARS.
- **Flight Deck Printing** from EFB applications.

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The GroundLink® AID+ function, is an add-on to the GroundLink® Comm+ system, extend the airline's investments already made in the GroundLink® Comm+ provisions and hardware for applications such as automated wireless Flight Data (GroundLink® Flight Data) download and/or automated wireless Software and Data distribution to the aircraft, (GroundLink® Dataloading).

SDK Software Developer Tool Kit

It is easy to register and gain access to the **Works with GroundLink**® developer program. Simply go online at **www.teledynecontrols.com**, and click the Register for **Works with GroundLink**® program button. Registration and SDK are free, and you can obtain an access login to download the following:

- GroundLink® AID+ Software API Documentation – PDF
- GroundLink ® AID + API Software Developer's Guide (includes working API code samples for IOS, Windows, Android) – PDF
- **Works with GroundLink**® marketing logo – JPEG, PNG, EPS
- GroundLink® AID+ System Simulator (distributed as a virtual machine package) – Executable
  - This virtual machine based simulator will enable access to all of the GroundLink® AID+ functions, and allow you to fully test your application. It also includes hours of sample A717 and A429 flight data.
  - ACARS Proxy bi-direction simulator as well as A429 flight deck printer simulator
  - Full GroundLink® AID+ simulator specification
- Third-party **Works with GroundLink**® software developer support from Teledyne Controls support services.
- Joint product marketing request form. This form is used to request your product and corporate logo listing on the Teledyne GroundLink® AID+ website and brochure sales documentation.

For more details, contact Teledyne Controls.