Data is automatically distributed to where it’s needed.

- Fast and secure wireless transfers of large volumes of data
- Reduces cost of media management and logistics
- Extends connectivity to wired/WiFi EFBs and crew devices
- Supports ACARS over IP in all flight phases
The best way to distribute data on the ground and in the air

Teledyne’s versatile GroundLink® Comm+ system is the simplest and most secure way to transfer data between your aircraft systems and your back office, and support multiple applications across your airline’s departments. It quickly and securely transfers data over 3G/4G wireless cellular networks worldwide. Additionally, the GroundLink® Comm+ system automates the wireless distribution of Navigation Databases and Software Parts across your entire fleet, while systematically collecting and delivering recorded flight data from your aircraft at each turnaround.

The system’s new GroundLink® AID+ feature provides off-board communication, access to aircraft parameters, and data management capability to wired and WiFi enabled EFBs and other crew devices.

Your Crew, Operations, Maintenance and Flight Safety teams will benefit from the bi-directional wireless connectivity provided by the GroundLink® Comm+ system to access, manage and utilize valuable data more rapidly and efficiently. By putting key information into the hands of those who need it quickly, the GroundLink® Comm+ system provides new ways to increase productivity and lower operational costs.

- Operates at any airport worldwide
- Provides automatic selection of available GSM and UMTS networks
- Automatic fall-back to 2G GSM when 3G/4G not available
- Configurable network selection to control data roaming costs
- Allows simultaneous use of up to 2 or 4 cellular radios (84 Mbit/s)
- Secure data transfers using proprietary encryption technology
- Resumable file transfer function for large files
- Data compression to minimize transmission times and costs
Data Applications Supported by Teledyne’s GroundLink® Comm+ System

**GroundLink® Flight Data**
Automated Aircraft Data Recording, Wireless Distribution and Analysis

**GroundLink® Data Link**
ACARS messaging over IP on the ground and in the air

**GroundLink® AID+**
Wireless Aircraft Interface Device and Internet Connectivity for Tablet/Wired EFBs

**GroundLink® Dataloading**
Automated Delivery of Navigation Databases and Software Parts across the Fleet

**GroundLink® Broadband**
IP Connectivity via SatCom to transfer critical data while in-flight
Leadership in Wireless Connectivity

A pioneer in wireless ground communication, Teledyne Controls introduced cellular technology in 1999 as a viable means to transfer large volumes of data between the aircraft and the airline’s ground network. Since then, the company has been designing innovative wireless data transfer systems that integrate cellular and WiFi technologies, which provide secure and reliable links to move data on and off the aircraft.

The GroundLink® system (first the Wireless Quick Access Recorder (WQAR) and then the Comm+) has been in commercial service since 2000, with over 10,000 units in use today by operators of various size fleets across the globe. Its patented, proven technology has been unrivaled in the market it serves.