

Eirtech STC For A320 CPDLC / ACARS

UniLink UL-801 Installation

Ref. EASA STC 10091062

The Eirtech Aviation Services' UL-801 STC to install an Airborne Datalink providing an air-to-ground two-way digital datalink that meets the need for specific air-to-ground communications.

UniLink communicates with multiple ground-based Datalink Service Providers (DSP) using a VHF radio and/or SATCOM telephony-based system. The UL-801 contains its own internal VHF Data Radio (VDR).

KEY FEATURES:

- Meets the latest CS-ACNS issue 4 requirements for Data Link Services CPDLC ATN B1 over VDL M2 mandated in Europe through Regulation (EC) No 29/2009 and meets the requirements of EASA Air Ops for Data link recording (CAT.IDE.A.195)
- Lightweight option <5kgs (to meet CPDLC mandate for operating in European Airspace above FL285)
- Utilizes inbuilt VDR M2 transceiver
- The UL-801 is designed to be interfaced via an MCDU with A739A or 743/743A GNSS.
- Controlled from existing Airbus MCDU
- Majority of wiring changes are within the EE bay
- The UniLink 801 is FAA TSO-C160a approved VHF Digital Link (VDL) Mode 2 Communications Equipment.

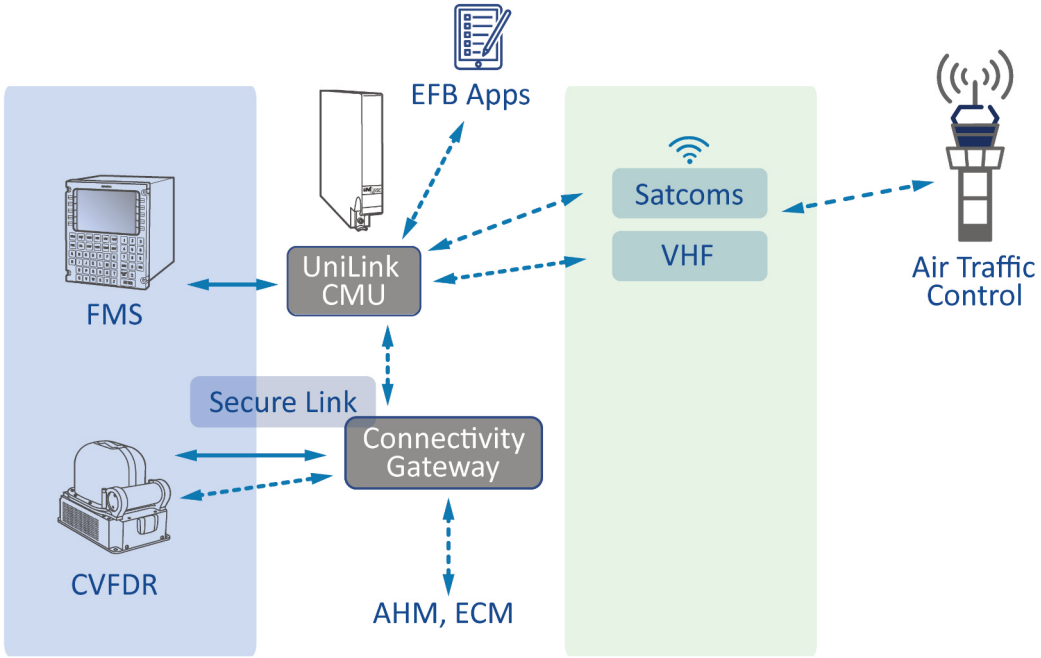


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Eirtech Aviation Services

Air-to-ground two-way digital communications





The Eirtech UniLink solution provides:

- Aeronautical Telecommunication Network (ATN) (SCN 31.0 and higher – UniLink P/N 10801-01)
- CPDLC-DCL Departure Clearance Service
- Multi-Frequency
- CVR/CVFDR Output for datalink recording
- OOOI (Out-Off-On-In) reporting
- Full Eirtech Installation Kit
- STC RTU

The Eirtech UniLink solution communicates using:

- VHF
  - VDL Mode A
  - VDL Mode 2
- SAT
  - Iridium Short Burst Data (SBD)

Scan to View STC Approved October 2026. Ref. EASA STC 10091062

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