

CPDLC

Airbus A320



INTRODUCTION

Tenencia Aerospace Design is an EASA approved Design and Production Organisation, specialising in providing 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 CPDLC (Controller–Pilot Data Link Communications) solution introduces a Universal Avionics UniLink™ UL-801. This unit contains a VHF Comm radio and interfaces with the aircraft's avionics systems. User interface is via a Display Control Unit.

The UniLink™ UL-801 is compliant with European ATN B1 CPDLC functionality, outlined in the Single European Sky Data Link Services Implementing Rule (DLS IR), which is mandated in Europe. This rule requires all existing aircraft operating above FL285 in European airspace to be retrofitted for ATN B1 CPDLC by February 2020.

Our Turn-Key solution includes a high quality EASA STC Package, Installation Kits and Equipment.

FEATURES & BENEFITS

CPDLC

- » Existing frequencies are off loaded by an additional independent and secure channel
- » Increased system capacity
- » Improved efficiency of communications between controllers and pilots
- » Clear transmission of routine messages between controllers and pilots

» Learn more: [tenencia.co.uk](https://www.tenencia.co.uk)

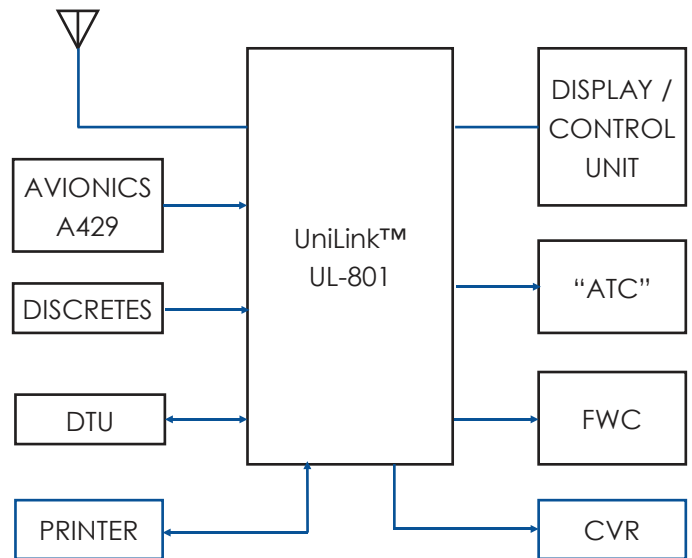
Full System Integration

CPDLC

Airbus A320



CPDLC Solution, using UniLink™ UL-801



SYSTEM ARCHITECTURE

- » The UniLink™ UL-801 will be installed in the avionics compartment. This unit will interface to avionics systems, Flight Warning Computer, CVR and cockpit printer.
- » A new VHF antenna will be installed for the Unilink's integral VHF radio.
- » Portable Dataloader connectors, or a Solid-state Dataloader, will be installed.
- » Annunciators are added to both instrument panels to indicate when an incoming ATC message is received.
- » A dedicated Display / Control Unit will be mounted on the centre pedestal to manage the datalink system.

COMPLIANCE

- » EASA CS-ACNS

CONFIGURATIONS

- » Solid State Data Loader Unit or connectors for a Portable Data Loader Unit

CONTACT US

For more information, please contact us:

Dakota House
Coventry Airport
Coventry, CV8 3AZ
United Kingdom

Phone: **+44 (0) 2476 882695**
Email: **info@tenencia.co.uk**
Web: **tenencia.co.uk**

Tenencia Aerospace Design is now part of
Carlisle Interconnect Technologies

