CPDLC COCKPIT

The CPDLC Cockpit is a web-based real-time monitoring solution developed by an ANSP for ANSP’s! It provides unprecedented capabilities to monitor the CPDLC service quality in real-time through a user-friendly yet powerful search engine and customizable dashboards. It is based on a single cloud-platform shared by all participating ANSP’s. Based on a common cloud-based open infrastructure, the CPDLC Cockpit uses cutting-edge technology!

System Capabilities

- For each CPDLC message: Full determination of used network, used VDL2 frequency, aircraft details etc. (even for airlines using both ARINC and SITA),
- Provides a real-time view of PA rate, Delayed messages rate, TRTD per Air/Ground Communications Service Provider (ACSP), frequency, airline, aircraft type, CMU type, VDR type and more!
- The monitoring cockpit provides a real-time geographic view of PA and Delayed message occurrences,
- The system allows proactive identification of network problems (ACSP, impacted geographic region, VDL2 frequency, specific VDL2 ground station),
- Easy creation of reports (monthly, weekly) for ACSP’s including presentation of VDL2 frequencies loads for discussion,
- Possibility to generate simple high-level analysis of PA or other problems impacting aircrafts thanks to parallel presentation of CPDLC and VDL2 messages (TP4 to be added in later release of the product).
Your Benefits

- Compliance with the European Commission Regulation (EC) 29/2009 (obligation to monitor QoS and conformance of ACSPs with level of performance),
- System can be easily integrated into ANSP’s infrastructure,
- ANSP can customize its own dashboards for more flexibility,
- Creation of simple to understand graphical report and overviews
- Independent external monitoring of VGS behavior (e.g. after upgrade).

CPDLC Performances monthly

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