

Date : June 24, 2021

Subject : **Clarification of Dlink+ w/CPDLC System Software Update to MOD 6.**

Service Information Letter (SIL) for Spectralux Avionics Dlink+ w/CPDLC, 14114-1-XX
Reference: SIL-2021-06R1

Customers and Partners,

Thank you for selecting Spectralux datalink products for your enhanced communications and ATN B1 CPDLC compliance needs.

In early June 2021 EUROCONTROL advised that Spectralux Dlink+ avionics, up to and including MOD 5, will no longer be eligible for the Logon List and those aircraft already on the Logon List will be removed at the next update (July 15, 2021). This decision was made based on an EUROCONTROL's analysis of the current Provide Abort (PA) rate. In addition to Spectralux SIL-2021-05R1 describing this situation and the development of MOD 6 system software, this letter serves to clarify operational implications for CPDLC use.

EUROCONTROL monitors CPDLC performance across the network and by all manufacturers. In the areas listed in SIL-2021-05R1 – namely EDYY, EDUU, LSAG and LSAZ - CPDLC performance resulting in a higher-than-expected provider abort (PA) rates or extended end-to-end message times has caused increased controller workload. In the subject areas, the logon list excludes aircraft from logging on if they are equipped with CPDLC systems excluded from the logon list. There are no exclusions in other areas covered by the EUROCONTROL CPDLC mandate and aircraft equipped with Dlink+ w/CPDLC can continue to logon and use CPDLC services. It is important to note that, as detailed in SIL-2021-05R1, the inability to logon for CPDLC services in the subject areas does not impose any operational restriction and aircraft unable to logon will be controlled by VHF voice.

Regarding updates to the Dlink+ w/CPDLC configuration database, when MOD 6 is released, Spectralux does not expect that the existing configuration data base file – as stored in the APM – will need to be updated. In the unlikely event that a new configuration data base file is required; this will be supplied free of charge.

Spectralux, along with all other CPDLC equipment manufacturers continues to monitor and develop the CPDLC solutions they have fielded. EUROCONTROL has set an ambitious CPDLC performance target of one PA per 100 CPDLC session hours. No manufacturer has reached this goal. Spectralux is confident that MOD 6 will deliver a significant improvement in CPDLC performance but only experience after embodiment of MOD 6 will show to what extent further refinements may be needed. All manufacturers are striving to improve performance and Spectralux is no exception.

Performance of Dlink+ post MOD 6 will be monitored and if further areas for improvement are identified, these will be incorporated as circumstances allow.

For information on issues relating to Dlink+ w/CPDLC MOD 6, please contact one of the following:

- Mick Harris: mickh@spectralux.com
- Ian Gilbert: ian.gilbert@igavionics.com

A Spectralux representative will be in contact when the MOD 6 Service Bulletin is available for download from the Spectralux Customer Portal (SCP). If you need access to the SCP, please contact Kim Collins: kimc@spectralux.com.

Best regards,



Bryan Sammons

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