



Airwave Network Connection Certificate Remote MCC7500 DCS

The following equipment (hereafter referred to as the "Equipment") has been tested at the Airwave Network Reference System for connection to the Airwave network.

	Manufacturer/Customer:	Versions:	Test Date:	Certificate Issue Date:
Supplier and Equipment Information	Zetron Minster Corner South Church Side Hull HU1 1RR	Product / System Designation: - Cortex Version 8, R28 OS Versions: - Workstations: Windows 11 & Windows 10 (*see comment 5 below) TGW Server: Windows Server 2019 & 2022 Software Versions: CADIService.exe: 8.28.0.242 SDRQWorkerService.exe: 8.28.0.242 MCC7500.Driver.exe: 8.28.0.1454 MSControllerSvc.exe: 8.28.0.242 Vortex Module: 1.4.25045.1	12 – 14 May 2025	22 May 2025

At the time the Equipment was tested, the Airwave Network Reference System was configured as follows:

Airwave Network Software version: -	Motorola Dimetra Core: R9.0.2 DCS Builds: <ul style="list-style-type: none">• CSR 756• CSR 829• CSR 914
Airwave/Customer Test Specification Title and Issue: -	Generic Remote MCC7500 DCS ICCS Conf Issue 1.3

The testing conducted on the Equipment suggests that it will not adversely impact the Airwave Network when connected and used (as it had been configured and tested during certification in accordance with the above specifications). Test scope was limited to conformance tests in accordance

with the latest applicable specification and hence no specific functionality or performance of the product was tested unless specified below or in the test results.

Key Observations/Comments:

1. Testing identified that there is no automatic reconnection attempt when the Cortex client is disconnected from the Airwave network. As a result, reconnection must be carried out manually by the operator for each individual client.
2. Two TETRA gateways were submitted for testing with one running Windows Server 2019 and the other on Windows Sever 2022, due to this it was not configured in failover mode but operating as two individual instances. There were two MCADI connections and two SDS connections.
3. The MSController component in Cortex utilises Ping to check for MCADI connectivity and health state. This is not the method recommended by Airwave or Motorola; therefore, there could be instances where MCADI status is not correctly reported. Cortex users should contact Zetron support in the first instance for such issues. The interval between pings should be no less than 30 seconds.
4. The border network presented by Zetron for testing was not configured to route traffic via the B router upon failure of the A router. Therefore, this functionality could not be tested.
5. A Windows 10 Cortex workstation was tested during conformance and was only able to connect using deprecated cryptographic protocols (TLSv1.1) for its CRAM connections. The risk of using Windows 10 (due to be end of support in October 2025) and deprecated cryptographic protocols is done so at the risk of the User Organisation and Zetron. This is only permitted for the R28 release. Airwave recommend this be the case short term only and an upgrade path to Windows 11 and TLSv1.3 be considered.

Disclaimer:

1. This conformance certificate does not indicate any security approval with respects to the operation of this hardware / software on the Airwave network.

It is the responsibility of the supplier and their customer (whether Airwave Solutions Ltd or 3rd party customer) to ensure the Airwave Accreditor's security requirements have been met before this hardware / software is deployed on the Airwave operational network. If this solution is deployed within the customer's security domain then the customers Accreditor / senior officer responsible for security must give their approval inline with the Airwave Service Code of Connection.

2. The issuing of this Connection Certificate is for information purposes only and Airwave makes no warranty representation (express or implied) or guarantee whatsoever as to the fitness for purpose of the Equipment or its ability to operate correctly when connected to the Airwave Network or any other network or equipment. Your use of the Equipment, connection of the Equipment to the Airwave Network and reliance on the contents of this Connection Certificate (for whatever purpose) is at your sole risk. To the fullest extent permitted by law, Airwave shall not be liable for any loss or damage (whether due to negligence or otherwise) arising in relation to the Equipment, its connection to the Airwave Network or any other network and/or your reliance on the content of this Connection Certificate.



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