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	NEC Software Solutions Minster Corner South Church Side Hull HU1 1RR	Product / System Designation: - Cortex Version 8, R25 with patch R25.6 OS Versions: - Workstations: Windows 10 Cortex Server: Windows Server 2016 TGW Server: Windows Server 2012 R2 and Windows Server 2019 Software Versions: CADIService.exe: 8.25.0.697 SDRQWorkerService.exe: 8.25.0.697 Mcc7500.Driver.exe: 8.25.6.784 MSControllerSvc.exe: 8.25.0.697	26 May 2023	28 June 2023

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 Build: CSR656-2 • CCE: 09.02.00.35, CRAM: 09.02.00.35 & AGTW: 09.02.00.35
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.   Reserve Capacity, TLS v1.3 & CRAM Client ID is not supported in this Cortex release and therefore was not tested.

2.   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.

3.   A single TETRA gateway architecture Cortex system was submitted for testing.

4.   Removing a talkgroup from the Cortex dispatch client results in any active Private calls or Ambience Listening calls dropping.

5.   When issuing an MCADI command to an out of coverage radio, for example stun/unstun, the Cortex ICCS indicates that the command is successful. The radio can then regain coverage and be functional without the Cortex ICCS being aware.

6.   It is recommended that the "DCSPortInitialisationTimeout" parameter in Cortex be configured to 45 minutes.

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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