



## Network Connection Certificate

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	<b>MACS Team, Airwave Solutions Ltd., Unit 1 Chevron Industrial Estate Eaton Road Hemel Hempstead HP2 7UB.</b>	<b>Product / System Designation: - MACS Radio Terminal-based Dispatch System</b>  <b>Hardware Versions: Dispatch PC - Windows 10 Server PC – Windows 10 Gateway PC – Windows 10</b>  <b>Software Versions: MACS Software V3.6</b>  <b>Certified and Tested with TETRA Terminal Version: Motorola MTM5400 with MR14 Final Release (R27.020.8723).</b>	10 Jan 2018	10 Jan 2018

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

<b>Airwave Network Software version: -</b>	<b>Motorola Dimetra v8.2 &amp; Dimetra v7.1.2</b>
<b>Airwave/Customer Test Specification Title and Issue: -</b>	<b>Airwave Radio Connected Dispatch Console Generic Test Plan, Issue 1.</b>

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 Observation/Comments:

1. The system under test was a cut-down version of the MACS standalone system, with no SDR (Short Data Router) or CADI (Computer Aided Dispatch Interface) connectivity, thus no SDS or CADI testing was performed.
2. There are no immediate alarms, when any of the Ethernet Links are broken, but if the operator undertakes an action on the Dispatcher then the screen displays "Unable to Connect".
3. Whenever any of the Ethernet links are disconnected and restored, it is usually necessary to log-off and log-on to the Web Interface on the Dispatcher PC to restore normal operation.

### **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 in line 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.



Issued by: Philip Saunders.  
Principal Systems Test Engineer  
Email: [Philip.Saunders@airwavesolutions.co.uk](mailto:Philip.Saunders@airwavesolutions.co.uk)