



Network Connection Concession Certificate Terrafix TVC4000 Tetra SD Interface v2.1

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

	Manufacturer/Customer:	Versions:	Review Date:	Certificate Issue Date:
Supplier and Equipment Information	Terrafix Limited Unit 23c, Newfield Ind. Estate, High Street Tunstall Stoke on Trent ST6 5PD	Product / Designation:- TVC4000 TETRA Short Data Interface v2.1 Base Application Tetra Comm v1.10 OS: Windows 7 Certified and Tested with TETRA Terminal Version: Sepura SRG 3500 v9.5 and v10.5 Other Information/Approvals Only valid for use with PID 225 and 226 and heartbeat PID227 Not valid for use with PID 190, 192 and 193.	13 Feb 2015	16 Feb 2015

The Equipment was reviewed for connection to the Airwave Network Reference System configured as follows:

Airwave Network Software version: -	D7.1.2 R7.1_001.01/03
Airwave/Customer Test Specification Title and Issue: -	Airwave Data Application Conformance Test Specification V4 Terrafix Test Plan Ref 19155001-15031-18

The concession review conducted on the Equipment suggests that it will not adversely impact the Airwave Network (as configured in accordance with the above specifications) when connected and used. The review was limited to Conformance tests in accordance with the latest applicable specification and hence no specific functionality or performance of the product was considered unless specified below or in the test results.

Key Observation/Comments:

1. The initial conformance testing was conducted on 27/05/2011 on TVC 3000HD for ARP running TetraCom.DLL v1.04 and TetraComm base application v 1.08. The following concessions have subsequently been issued: -

Concession Date	New Versions	Reason	Reference
12/12/2013	TetraCom.DLL v1.07 and Base Application Tetra Comm v1.10	Fix for "Protocol Not Supported" issue	Note 3
9/5/2014	Product designation TVC4000	OS change	Note 4
16/2/2015	TetraCom.DLL v2.1	Fix for "Dead radio" issue. Software ported to C#.	Note 5

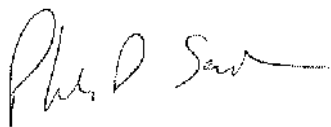
2. No further conformance testing has been carried out and this Concession Certificate has been issued purely on the assessment of the submitted documents and declaration by Terrafix.
3. On receiving any CME ERROR 3 response to the PID routing command, TetraCom.DLL will restart the initialisation sequence, which includes the PID routing command.
4. Product designation changed to TVC4000, and Operating System to Windows 7.
5. Software ported to C#. PEI, AT command improvements on radio start-up including use of "AT" as the heartbeat command and waiting for a response to this before sending the initialisation sequence. Signal strength requests only to be sent when the radio is responding and registered to the network.

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.



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