HOW TO:

Use the network integrity software tool on EVAS

Product Range:	VIGIL2
Product Code (if applicable):	BVRD2M

Description of activity:	Connecting, and using, the network integrity software on EVAS system
Description of likely fault(s):	• Data faults on EVAS system - possibly as unplugging RS485 ports to access RS485 data. • Network faults across the system.

IMPORTANT - this product forms part of a life-safety system
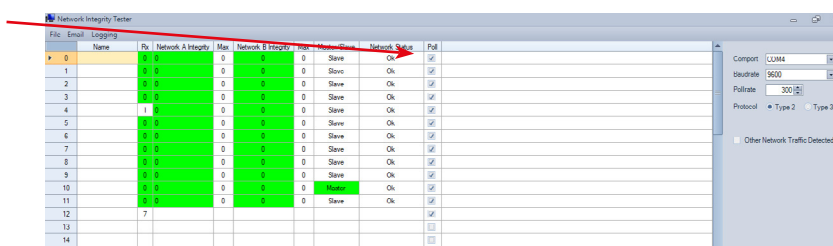
Please Note: Periodic inspection and servicing needs to be carried out by a competent person with specialist knowledge of VASs, relevant current training and experience, and with adequate access to spares and sufficient information regarding the system. (BS5839-8).

Description of rectification works:

To connect the USB tool to EVAS router, you will need a CAT 5 cable, chopped at one end with the colours Blue wired into T+ and colours Blue/White wired into T-.

The CAT 5 connection needs to be plugged into either RS485 port 1 or 2 on the rear of the router to access the network.

1. Open up the Network Integrity Tester software with RS485 USB Tool plugged in, the LEDs in the USB stick should light up to prove data connection.

2. To the right-hand side of the screen, 'COMPORT' should be selected to the correct 1 being used. 'BAUDRATE' should be selected to match the Baudrate used on the EVAS system, this can be found out in RS485 port settings via configuration on BVRD2M. Also, in these settings the 'PROTOCOL TYPE' should match the configuration. Leave 'POLL RATE' the same unless you want to increase/decrease the speed the network polls.

3. Then in the main table find the 'POLL' column and then tick box the number of routers on the network system, then press 'START' to start polling the network.

4. The example in the image shows a healthy network - 12 routers found with a healthy network connection., One router is displayed as Master, which would be the last router which has had a hard reset. If there are faults in 'Network Status' it will display a fault for example 'Clockwise Network Fault'. Also, other routers will be shown in red with network faults.

5. Network A/B Integrity should be green. It is best to let the software poll around the network more than 5 times to gain stable results.

6. Using the print screen button, screen shots can be pasted into emails or word documents for reference.

For further help:

Manuals & Guides: Technical manuals, installation guides and more are available for download on our website: baldwinboxall.co.uk/downloads.

Telephone: Technical help line (0)1892 664422 (then press 2 for after sales technical help).

Training: We hold a range of courses. To find out more, or place a booking, please call us or visit our website: baldwinboxall.co.uk/training.