

Connecting SenseNET to a Vesda Open HLI

SenseNET revision 3.0 onwards support connection of the Vesda Open HLI allowing monitoring and control of Vesda detector networks through the HLI.

Use of this facility allows the easy upgrading of legacy installations to the latest detection technology on a gradual basis rather than the alternative 'big-bang' approach when all devices need to be replaced at the same time due to the barrier of incompatible technologies.

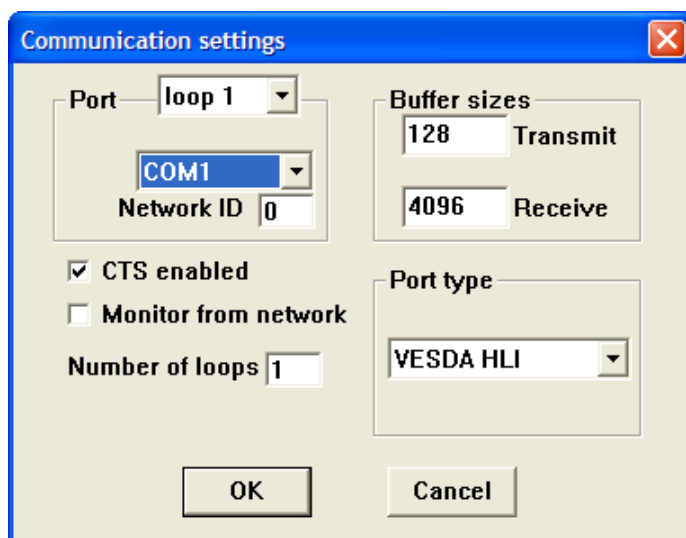
Once connected the devices appear as standard SenseNET devices eliminating the need for user retraining.

Technical details

The Vesda Open HLI model VHX-0300 allows SenseNET to monitor up to 127 Vesda detectors on a VesdaNet network for alarms or faults and to reset, isolate and silence individual devices. Each HLI will be displayed within SenseNET as a unique loop. SenseNET allows up to 16 loops of varying types to be monitored.

Due to the differences between the Vesda and AirSense bus protocols the following limitations apply when monitoring a HLI:

- Detector addresses must be between 1 and 127.
- Detectors cannot be programmed.
- Scanner sectors are not individually identified.
- The HLI must recognize all attached Vesda devices before performing a bus scan. This may take up to 120 seconds.



The diagram on the left shows the SenseNET communications settings dialog and illustrates how use a Vesda Open HLI; Select 'VESDA HLI' as the port type and set the COM port and Network ID used for communication.

The dialog box shown shows these settings for a single loop system. Multiple loop configurations may have a mix of port types.

Once configured a bus scan will automatically find any Vesda devices attached to the HLI and display them in the site configuration. Bus scans will take longer when a Vesda HLI is being used due to the slower response of the Vesda HLI