

VESDA®

Open HLI & VLS

Service Note

October 2008

General

Released By: Product Management

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Action Priority

Urgent

Related Products

- Xtralis VESDA Open HLI
 - Master-Slave: VHX-0310 and VHX-1310
- Xtralis VESDA VLS

Introduction

The Xtralis VESDA Open HLI (Master-Slave), with firmware version prior to and including 3.08.00 does not report Overall Alarms from a VESDA VLS if the VLS's Global Alarm Latching Bit is set to Unlatched.

By Default the VESDA VLS's Global Alarm Latching Bit is set to Latched. However, it is possible to change the Global Alarm Latching bit to Unlatched using a VESDA Programmer or VSC.

Description

Depending on the state of the Global Alarm Latching Bit the Open HLI (Mater-Slave) uses the Latching Configuration Byte in the VLS to decide if alarms are latched or not.

If the VLS Global Alarm Latching Bit is set to latched, the Open HLI (Mater-Slave) keeps the highest alarm level for each of the sectors and also calculates alarms for sector 0, which is the overall alarm level. In this case VLS will report alarms on all sectors as well as sector 0.

On the other hand, if the VLS Global alarm Latching Bit is set to unlatched then the Open HLI (Mater-Slave) does not report any alarms.

Proposed Solutions

Where VESDA VLS detectors and Open HLI (Mater-Slave) exist on a VESDAnet, the Global Alarm Bit shall be set to Latched on all VLS detectors using a VESDA programmer or VSC.

However, where for whatever reason the installation requires the Global Alarm Bit to be unlatched on VLS detectors, the Open HLI (Mater-Slave) firmware must be upgraded to version 3.11.00.

Support

For all queries related to this matter please contact:

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