

New!! Vizulinx firmware update

V1.1.6

Kentec are proud to announce that their Vizulinx Alarm Management module is even better than before.

Vizulinx is a key accessory for Kentec fire alarm systems and system integration providing features such as customised remote status messaging via e-mail and or SMS as well as system integration through Modbus TCP/IP.

This new firmware version V1.1.6 provides new product features and major improvements which enhance the capabilities of the product as well as improving the user-friendly interface and performance.

New features

BACnet IP support (Taktis only)

System integration is a key requirement for Taktis fire alarm systems with BACnet being the main protocol for Building Automation and Control. Vizulinx provides a simple to configure BACnet IP interface for Taktis systems allowing integration with a network of other BACnet devices.

500 object IDs are provided as standard within the Vizulinx unit and the number of object IDs can be increased by purchase of a BACnet upgrade license. An additional 500 object IDs are provided with each license purchased.

Object IDs are allocated to panels, Zones and Loop device addresses (including sub-addresses), an automatic allocation process is performed in Vizulinx based on the Taktis Panel/Network LE2 configuration file. A simple upload of the LE2 configuration file into the Vizulinx module will identify the number of loops, zones and loop devices and will create the object ID list. No complex, time consuming manual mapping is necessary.

For technical documentation regarding Vizulinx and BACnet support please go to our website www.kentec.co.uk

Loop offset mapping (Taktis only)

A feature of Taktis networks is the ability to offset loop numbers, this is where the physical loop numbers are offset to create a network of panels where all the loop numbers are identified in sequence i.e. a network of two four loop Panels without offset will be displayed Panel 1 Loops 1-4 and Panel 2 Loops 1-4, with offsets applied they would be displayed on the panel as Panel 1 loops 1-4, Panel 2 loops 5-8. As the offset is applied within the Taktis panel Vizulinx does not see the offset loop value therefore e-mail and SMS will display the physical loop value. Loop offset mapping has been added to Vizulinx to be able to map the loop offset to match the Taktis network.

Major improvements

New operating system

An issue had been highlighted with the operating system supplied within the Vizulinx module which can potentially lead to a failure in the processor after a power cycle leading to loss of operation – Vizulinx will show all status LED's illuminated and failure of all comms ports. The new operating system installed within Vizulinx has corrected this bug to prevent potential failures. To further enhance the robustness and reliability of the Vizulinx module the storage memory containing the operating system has been partitioned into two independent partitions each containing a copy of the operating system. The dual operating system provides a level of redundancy, if the primary operating system should fail the secondary operating system shall take over.

EZ configuration

The original quick start configuration has been renamed “EZ configuration” this guides the user step by step through an initial basic configuration set-up. A new screen has been added to Vizulinx which allows easy review and modification of the EZ configuration settings at any time.

Field upgrades

Due to the need to update the operating system in the Vizulinx modules this firmware is not backward compatible with units already installed in the field. Any units that fail due to an issue with the operating system will be replaced under warranty.

If upgrade to BACnet support is required for existing Taktis installations, please speak to your sales representative to discuss possible options for an updated replacement module.

Should you require any further information on this or any of our other products please contact your local sales representative.

Philip J Barton
Commercial Product Manager