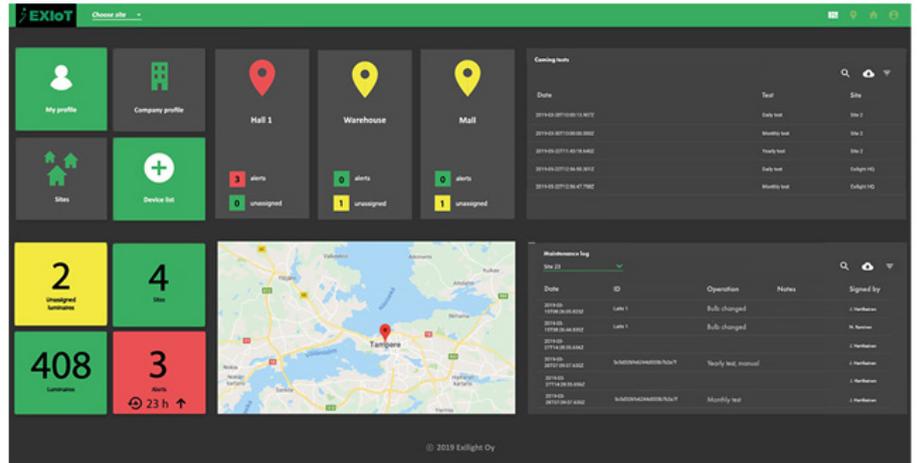


HMI EMERGENCY LIGHTING CENTRE AND UI USER INTERFACE



EXIoT is an addressable safety lighting system with luminaire control and monitoring centralised in the cloud or an HMI (Human-Machine Interface) panel.

Multi-touch screen computers are designed for installation at the front of a switchgear cabinet. They provide a powerful platform for system monitoring and control of the EXIoT application. All the panel computers are equipped with powerful components, including Intel® Atom™ and Core™ i7 processors. Cases are optimised in terms of space and component accessibility. Panel computers are equipped with multi-touch displays, and widescreen displays of various sizes are available. System is cloud-compatible.

DALI COMPATIBILITY

Digital Addressable Lighting Interface (DALI) is a simple home automation interface system that transmits signals used for the digital control of lighting. Light fitting, sensor, button and switches are connected in parallel and linked to the controller.

Computer is connected directly to the interface connector using an RS232 connection or a fieldbus. Integrated power source creates a galvanically isolated 24 VDC output voltage. No further components are required for the use of DALI equipment, and the system fills the gap between the lighting controller and light fitting. DALI system allows for connecting up to 64 DALI controlled devices.

During start-up, the EXIoT panel computer searches for the connected DALI controlled devices and guides the user in setting up the system. It is possible to manage the parameters of a DALI host terminal from a computer. Parameters can be managed via a fieldbus or RS232 connection, which is connected to the configuration interface of a higher-level bus connector.

BACNET

BACnet allows connecting BACnet MS/TP devices (Master-Slave/Token-Passing) through an RS485 interface. Up to 32 MS/TP devices can be connected (or 64 when using ultra low power transceivers). The configuration is carried out in TwinCAT. RS485 interface ensures good immunity to disturbances due to the galvanically isolated signals. It provides a 1 x 5 VDC and 20 mA (galvanic isolation, short-circuit current capability) E-bus from the power supply to the bias resistor (network bias voltage).

EXIOT-HMI / UI

TYPE	ELECTRICAL NO. (FI)	DESCRIPTION	VOLTAGE	IP CLASS	MOUNTING	BATTERY
EXIOT-HMI	7117513	EXIoT emergency lighting center	230 V	43	Surface mounting	-
EXI-UI	7117515	User interface	-	-	Surface mounting	-