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ELDIS
Industry Core

Optimal for
industry

PRODUCTS | SOLUTIONS | SERVICE

ELDIS Industry Core – Ideal for Industry and Critical Infrastructure

Industrial security requires several lines of defense and a comprehensive approach. This includes systems such as fire detectors, intrusion detectors, perimeter protection and video surveillance among many others. Adding to the complex situation within the control centers is the use of various manufacturers and system types. With ELDIS Industry Core we combine the differing systems and their unique features into a uniform incident management system that helps operators to manage and control difficult situations.

DETECTOR MANAGEMENT

One of the main responsibilities allocated to industrial control centers is the active monitoring of the alarm systems installed in their respective facilities. Among these are security systems such as fire detectors or systems for ensuring plant safety like intruder alarm systems, video surveillance and perimeter protection.

Industrial control centers integrate between three and fifteen alarm systems. Evaluation requirements can include up to several tens of thousands of sensors. Sensors require regular end-to-end testing. Triggered alarms necessitate the delivery of detailed information in the shortest possible time as well as the processing of predefined checklists.

The strength of the ELDIS Industry Core detector management lies in its ability to incorporate several different alarm systems into a single interface, thus allowing the operator to process all alarm situations (real and false) efficiently.

The differentiation in detector data structure is determined by the different integrated systems. With the ELDIS Industry core detector management, detectors can be structured according to local requirements, accounting for things like the layout of respective facilities, floors and rooms. The system ensures that new detectors are integrated automatically and supplied with basic information.

INCIDENT HANDLING

The detector management module is connected seamlessly to the Computer-Aided-Dispatch and enables the immediate transfer of information regarding the incident location and the incident. Stored building plans, access routes, sources of danger, contact information and much more can be accessed by operators. Cameras installed nearby switch on automatically, providing operators with essential information in their assessment of the situation.

The intelligent linking of information (plans, contacts, etc.) and technical actions (switching on cameras, triggering sirens, controlling water slides, etc.) saves valuable time and helps to react quickly and appropriately.

By providing extensive configuration options, ELDIS Industry Core has been made highly adaptable. Each system is configured to match customer requirements. Local, organizational and technical features are mapped in the incident management system resulting in fast and accurate incident handling.

GEOGRAFICAL INFORMATION SYSTEM

The Geographical Information System (GEO) affords an overview of the current situation at any given time.

Features
- Exact building plans with the ability to switch between floors
- Real-time updated display of emergency services and incidents
- Representation of detectors, environmental parameters and dispersion curves
- Automatic tracking of the visualization following changes in the Computer-Aided-Dispatch

ELDIS Industry Core is also compatible with the eurofunk GEO Appliance. This enables the easy integration of the plant's own map material as well as the display of Open-Street-Map maps in the vicinity.

RESOURCE MANAGEMENT

ELDIS Resource Manager (ERM) is used to graphically display information relating to individual resources, stations, vehicles and people. This includes information on current status, the latest incident information and the location. The setup and display of information can be configured individually according to the requirements of the control center.

MODULAR EXPANSION

A particular strength of ELDIS Industry Core is its ability to work with third-party systems (perimeter protection systems, process controls, hazard alarm systems and much more).

ELDIS Industry Core
An incident management system – configurable specifically to your needs

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