



Temperature Monitoring

Water Level Monitoring

Expansion Joints Monitoring

Pressure Monitoring



SCADA

Vektra® SCADA is a software application that enables operators to supervise monitoring devices. If the values monitored exceed those allowable, the system automatically controls the operation of technological devices and, in emergencies, it activates warning and notification processes. Moreover, the application facilitates remote control and operation of individual system elements.

Smart device monitoring and control



Collection, analysis, processing, evaluation and display of data acquired from sensors and monitoring devices (such as depths, pressures, water levels, flow rates and others)



Assessment of a specific situation and notification of operators of important changes in parameters and measurement values



Activation of warning and notification processes by using the **Vektra® Warning** and **Vektra® Notification** applications in case the allowable limit states are exceeded



Monitoring and regulation within a system (ventilation, air-conditioning, sound distribution, window, door and gate opening/closing, lighting and visual signalisation)



Automated concurrent activation of several actions or processes



Data display in a desktop application or a simplified mobile application version on smartphones (Android)

Intuitive graphical user interface

- Overview of all monitoring/measurement points
- Display of the status of a monitored point and all current measurements recorded
- Visualisation of measurements and real images from cameras
- Display of all results in the form of tables and charts

Software Application for Technological Monitoring and Management



Vektra®

Vektra® is a server-client based system of modern software applications that enable operators to control acoustic warning devices, manage rescue and emergency operations automatically, summon task forces, rescue and emergency staff meetings and that keep the emergency management under control and automate the management of processes during the rescue and emergency operations.

Vektra® system applications

- **Vektra® Warning**
- **Vektra® Notification**
- **Vektra® SCADA**
- **Vektra® Emergency & Rescue Management**

As standard, the individual applications are procured and supplied independently, depending on client needs; however, they are designed in the way to be easily interconnected to form a whole single system.

The **Vektra®** software is fully adjustable to suit any client requirements. It allows system control at various levels, based on a pre-defined hierarchy of the emergency management structure, while each user can be granted permission to control specific devices at a specific level.

Fields of applications

Dams



Hydropower stations



Industrial plants



Chemical factories



Smart buildings





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