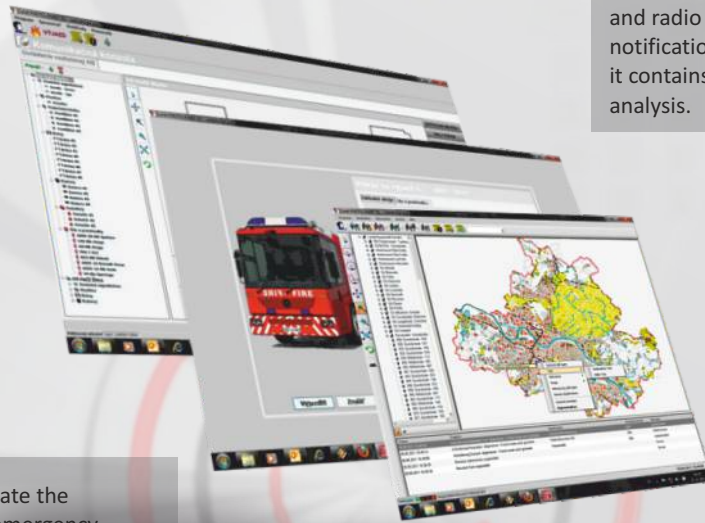# VEKTRA software

Software applications for automating processes performed at notification and warning centres

Immediately after an emergency situation occurs, activities are performed on the basis of a default scenario at notification and warning centres. In order to support these activities and to maximize their potential automation the **VEKTRA software package** has been developed. It forms the interface between the operators and the technology they work with. Thanks to long-term cooperation with

our customers worldwide we have optimized the user interface so that it would be easy to work with it even in the stressful emergency situations. The software itself guides you through the steps to be taken and maximizes the automation of all the routines operators execute once an emergency situation is notified enabling them to focus on the most critical activities.

VEKTRA Warning

The **VEKTRA Warning** software application enables full control of the warning systems and provides various methods of activating such systems.

VEKTRA Recording

VEKTRA Recording records phone and radio communication at the notification and warning centres and it contains tools for subsequent analysis.

VEKTRA Monitoring

This processes and evaluates data from different sensors, and if the admissible values are exceeded it informs the operators and activates processes in the **VEKTRA Warning** and **Notification** software modules.

VEKTRA Notification

This is designed to fully automate the notification process when an emergency situation occurs - calling crisis management teams, emergency committees and others via phone, facsimile and email.

Profession-based superstructure modules of VEKTRA

The profession-based superstructure modules of the VEKTRA software integrate the functionalities of core modules and processes depending on the type of the notification and warning centre, thereby creating optimized applications for the particular application area:

- VEKTRA - Civil Defense
- VEKTRA - Fire Fighting
- VEKTRA - Nuclear Power Plants
- VEKTRA - Hydroelectric Dams
- VEKTRA - Chemical Enterprises
- VEKTRA - Metallurgical and Steel-Making Enterprises
- VEKTRA - Municipalities

The architecture of both the basic and the superstructure modules is modular providing extensive configuration and customization options for adjusting to the processes at the particular notification and warning centre.

Related hardware equipment

The core **VEKTRA Notification** and **VEKTRA Recording** modules form the basis for independent products, namely **HERMES** and **MEMO**. They represent independently applicable and configurable equipment used to support potential dispatching activities at locations that are not notification and warning dispatching centres and can be used to make these activities more effective. Other dispatching centres are for instance police headquarters, industrial, water, gas and power industry dispatch centres of etc.