☐ kairos.

Hardware and software platform for automation and integration of security systems

Usage

Solution consisting of software and specialized equipment used for:

- surveillance on objects network safety,
- integration of different monitoring systems,
- remote management of security systems,
- control of service activities and the budget.

Architecture

- fully web architecture,
- independent modules,
- safe three-layer model,
- support for scattering applications even for a large geographical area,
- communication based on TCP/IP protocol.

Safety

- remote system status control with full register of events,
- RSA and VMPC encryption,
- disk buffers to prevent loss of data from volatile memory,
- automatically activated reserve centres,
- redoing operations in the event of an error,
- mechanism of the black box recording significant system events,
- central management of specific permissions based on roles,
- local or domain application users,

Monitoring

- current view of protected areas status,
- separate alarm handling and services,
- integration in one enviroment of: control panels, access control, video verification, multisafe service, current guards control,

fire alarm systems, remote locking, environmental monitoring, GPS position tracking and control of the objects lift outside the demarcated areas,

- support for more than 100 different types of devices through a number of popular protocols,
- advanced mechanisms for time-dependent function control (tests, opening/closing, rounds, notification of employees, reminders about recurring activities).

Protection

- separate position for the physical protection of the building with a preview of the current state of the object,
- key and deposits management,
- keeping a visits record.

Security Management

- access to the object devices configuration for the administrator with ability to remote changes
- Intraweb page for the facility employees with access to selected information
- remote change of devices input and output stuatus and disarming the object,
- built-in mechanisms for handling antypassback and chinese walls,

  • the ability to build a flexible and multi-layered structure of the organization to facilitate physical access to management zones permissions,
  • empowerment zones for people, roles or roles within specificn places of employment,
  • the ability to assign multiple identifiers for a single person.
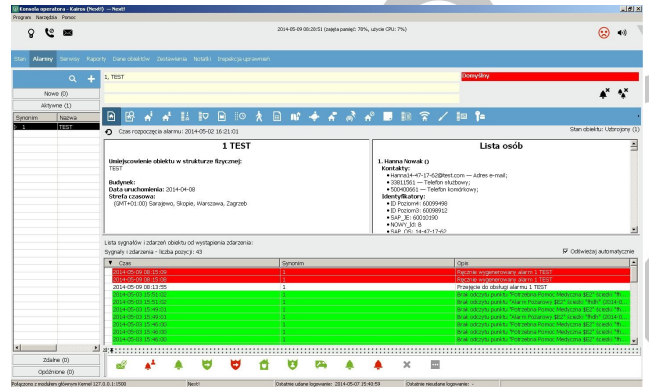
Further

- handling service orders,
- Actions - scripts that automate alarm handling and services,
- automatic sending of e-mails and text messages,
- security systems integration directly at the object level (eg, an event in the access control system automatically disarms the selected area in the system),
- defining and using busness processes woth the ability to multi-stage approval,
- design and preparation of access control cards,

Cooperation with external systems

- import a list of employees and the organizational structure of the HR system,
- integration with Active Directory for user authentication in the application,
- cooperation with external monitoring stations to inform bout events requiring intervention,
- export data related to the work time registration.

Requirements

- OS - Windows XP/Vista/7/8 or 2008/2012 server version,
- IIS 6.0/7.0/7.5 WEB server
- MsSQL database, v. 2005/2008/2012,
- possible version of .NET Web Security Console v. 1.0.21.0,
- option - Xamelo device with REA v. 1.x software