

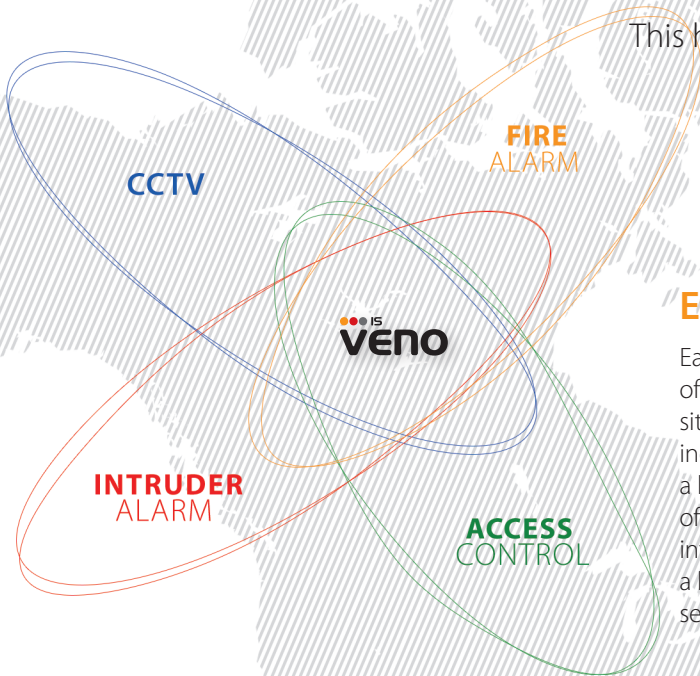


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**VENO**

INTEGRATION SYSTEM

**We have combined our experience and knowledge of four security systems:** fire alarm, intruder alarm, CCTV and access control to create one platform that integrates all security systems in the facility. This has led to the **VENO INTEGRATION SYSTEM.**



### Effective safety management in a facility

Each security system installed in a facility provides different kinds of information about its condition. A complete picture of the situation can be achieved only after the merger of information incoming from all systems. Summarizing and synchronizing such a large amount of data is often very difficult, especially in the case of advanced systems. The VENO software integrates fire alarm, intruder alarm, CCTV and access control systems, thus ensuring a higher degree of protection in the facility than each system separately.

### One common interface for all systems

One management software guarantees higher efficiency of the safety management within the facility. The operator, who receives data from all devices and installations at the same time, can precisely identify the cause of the alarm and take actions appropriate to the situation. The common interface and standardized alarm notification allow the people responsible for the building safety to make the right decisions faster.



### Wide range of applications

The VENO software does not impose any restrictions on the size of the installation - there are no limits to the number of devices working in fire alarm, intruder alarm, CCTV and access control systems, or to the number of operators. VENO is perfect solution for large multi-site facilities, as well as for smaller installations. The software is dedicated to all types of buildings - residential, commercial, public utility buildings and large industrial complexes.



# INTEGRATION SYSTEM

## Separate panels for administrator and operator

The administrator configures the VENO software and grants privileges for operators. He sets alarm scenarios, defines a schedule and is responsible for the proper operation of the entire system. Such solution increases installation safety. The operator works on pre-configured settings, which he cannot modify himself, so in his panel there is no editing option. The operator sees on the screen only crucial information that he needs for his daily work.



## Comfortable operation on touch screen monitors

Interface of the VENO software is clear and visually polished. It is designed to maximize ease of use to the operator. Large icons and convenient „drag and drop“ operation allows to work efficiently on touch screens. It is also possible to work on multiple monitors simultaneously.

## Full stability

VENO integrates the operation of safety systems with diverse purposes and based on different technologies, and therefore does not change their original functions. Each system operates autonomously, VENO is a common platform that facilitates and improves handling. Diverse systems operate independently of each other, so the failure of one does not affect the proper operation of another. In the event of server failure, all systems operate without any interruption.

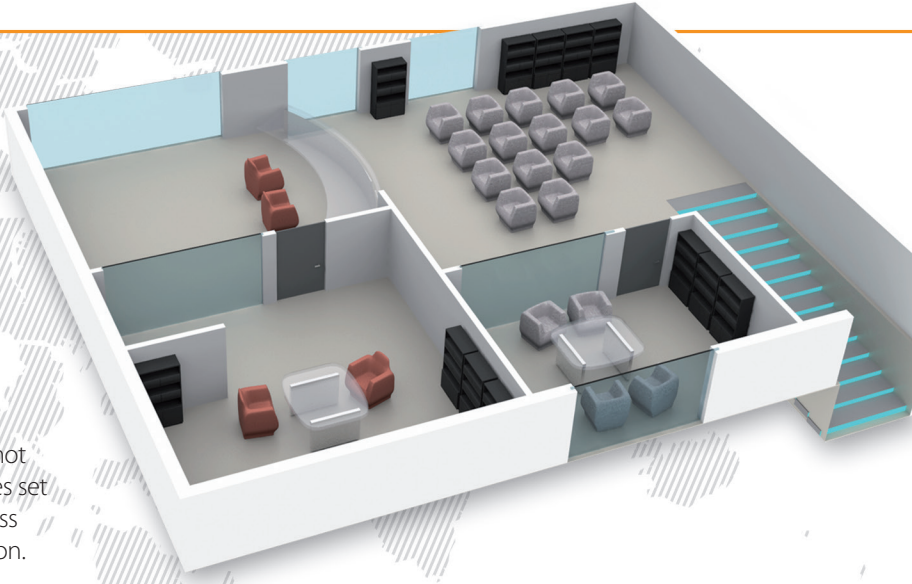
## Flexible configuration, non-standard functionalities

Each facility has different characteristics, and thus specific needs. The advantage of VENO software is high flexibility. The software can be easily configured to meet individual requirements and match to the character and purpose of a particular installation. The number of possible configurations is practically unlimited. The administrator is responsible for the management of the entire system and he grants privileges for operators.



## Facility visualization

To start working with the software, the administrator has to implement a multi-level visualization of the monitored facility. The software enables to add maps, 2D plans, 3D views or facility photos in various graphic formats. It is possible to upload a picture of the entire complex of buildings, as well as particular buildings, floors and rooms. The level of visualization detail is determined by administrator's needs and preferences, VENO does not impose any restrictions. Depending on the privileges set by the administrator, the operator can have an access to all or selected facilities within the whole installation.



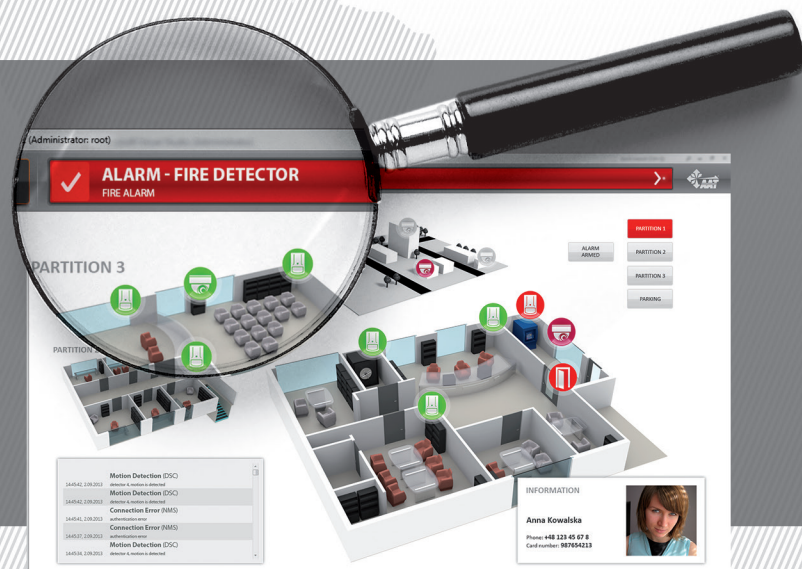
## Interactive device icons

The next step in VENO configuration is to assign interactive icons to all devices operating in the facility and place them on the previously implemented visualizations. The operator can see all devices working in fire alarm, intruder alarm, CCTV and access control systems on one visualization, so his job becomes easier. Icons can be chosen from a ready-made library or the operator can add his own ones.



## Alarm notification

VENO enables the verification and control of alarms incoming from all systems, therefore allows faster response to events that require intervention. An alarm notification appears in the top bar with the detailed information of which system and which device it came from. To exclude a situation when the operator misses a notice, it disappears only after alarm confirmation. If necessary, the operator can add his comment to each alarm. The alarm is also indicated by a proper panel activation and changing colors and flickering of an appropriate icon on the visualization.



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## Alerts through client application, e-mail or SMS

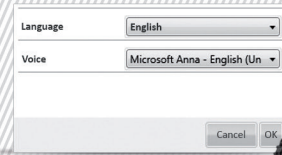
Depending on needs and administrator settings, alarm notifications can be sent only to the local monitoring center, to the selected group of operators or to all of them. Alarm information can also be conveyed by e-mail or SMS to appropriate personnel, e.g. system administrator or person managing the facility's technical condition.



## Voice messaging

Voice messaging is a unique optional feature of VENO. It requires to install any speech synthesizer on the computer with the VENO software. Then all text messages can be read also by this speech synthesizer.

\* Speech synthesizer is not included with the VENO software

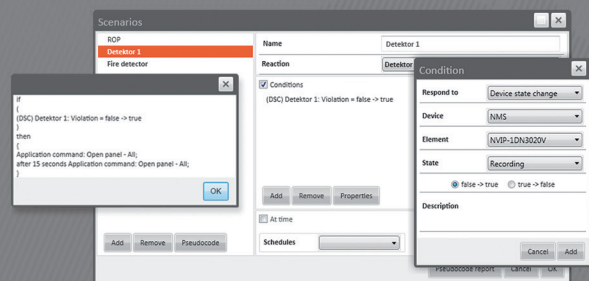


## Scenarios of system reactions to alarm events

The administrator can create advanced scenarios of system reactions to alarm events. He assigns scenarios to one, several or all monitoring centers or to selected facility within the entire installation. Automatic scenarios make the operators' work easier. Example system reactions to alarm events: display images from a CCTV camera, change an active view or activate an external application.

## Pseudo-code function

The list of automatic system reactions to alarm events is a kind of code, which can be very complicated, especially for large installations. The pseudo-code function simplifies the verification of the correctness of preset scenarios. It enables to export the list of automatic system reactions to a PDF file and then print it. This way the operator can easily read and analyze the preset scenarios to find potential mistakes.



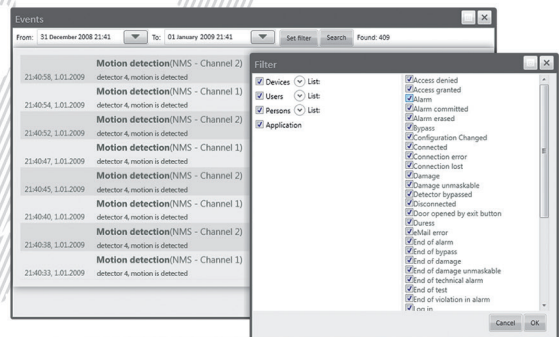
## Schedule

Activation of alarm scenarios is based on schedules. Depending on individual needs, the operator can create many different schedules related to the day of the week, time of the day or specific events.



## Event log

Information about events from all systems (fire alarm, intruder alarm, CCTV and access control) is automatically recorded in one database. The operator sees the full history of alarms, failures, user's login and can easily analyze them. The advanced search module enables to filter events by date, system type, device type and many others. The entire database or selected part of it can be exported to a PDF file.



## Example alarm scenarios

ALARM

VENO

OPERATOR (S)  
NOTIFICATION

System information:  
**Intruder alarm - zone armed!**  
**Access control - doors open!**



1. opening an alarm panel
2. opening a camera view window



ONE

System information:  
**Fire alarm - fire alarm!**  
**Fire alarm - fire button activated!**



1. opening an instruction panel
2. opening a camera view window
3. playing audio message



SELECTED

System information:  
**Intruder alarm - zone armed!**  
**Access control - doors open!**  
**CCTV - camera motion detection!**

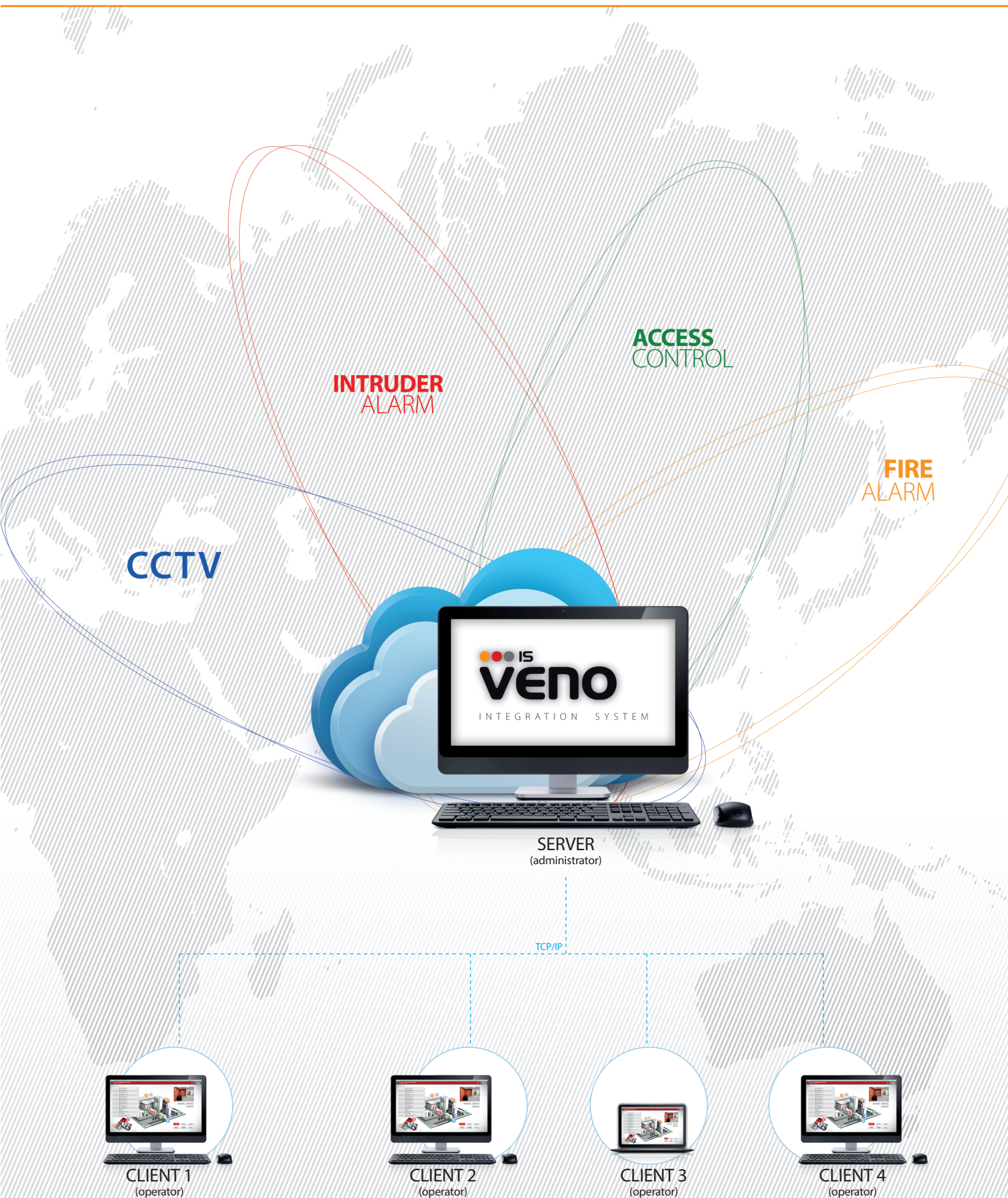


1. opening an alarm panel
2. opening a camera view window (preset)



ALL

# INTEGRATION SYSTEM



Authorized Distributor



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