NMS ACCESS CONTROL

SOFTWARE **FOR PROFESSIONALS**

ACCESS CONTROL
AND VIDEO SURVEILLANCE SYSTEM

FUNCTIONALITY

MULTIPLE
WORKSTATION
SOFTWARE

The client-server structure of the NMS AC access control system allows it to be handled from several operator stations simultaneously. With concurrent operation on one station, you can visualize the state of the system on the operator panels, and at the same time add new users or change the system configuration in other workstations. Possibility to configure the access control system can be ensured at the same time for the reception, security operator, human resources department, system administrator, etc.

SYSTEM
VISUALIZATION
ON PANELS

The panels function allows intuitive operation NMS AC system. The Operator can switch between different layers of graphical interface, on which interactive icons of elements of the access control system are applied (controllers, doors, control outputs, etc.). It is a convenient solution that allows you to easily control the object by selecting the appropriate panel and perform operations on specific elements of the system. On the panel events can be placed a stack of current events, user photo and video windows.

INTEGRATION
WITH NOVUS VSS
DEVICES

The NMS AC access control system has the ability to integrate with NOVUS cameras and DVRs. Video streams can be preview live on the panels. Linking an image from the NOVUS devices to the access control system's elements and events enables, for example, the implementation video-verification of access to doors. Devices using the ONVIF and RTSP protocols of other manufacturers can be also connected to the NMS AC system.

ACCESS AFTER
CONFIRMATION
BY THE OPERATOR

For additional security of the important passages, the door can only be opened after verification and confirmation by the operator. When the card is presented to the reader, the system generates a notification at the operator's workstation, which verifies the user's identity based on the image added to the system and video stream from NOVUS camera installed above the reader grants access by clicking the corresponding button on the screen.

ELEVATOR
ACCESS
CONTROL

NMS AC system can control users' access to individual floors through a reader installed in the elevator cabin and relay modules cooperating with KDH-KS3000-IP-ELV controllers. This ensures a higher level of security at the facilities. After identifying the user through a reader installed in the elevator cabin, the system allows the selection of individual floors to which the user has been assigned access. Defined floor groups significantly reduce the time for assigning access rights. It is possible to operate elevators up to 69 floors. This functionality can also be used to control access to lockers in the locker-room.

READER SUPPORT
IN VARIOUS
TECHNOLOGIES

KS3000 series controllers cooperating with the NMS AC program can support proximity card readers, readers with keyboards through the Wiegand interface and biometric readers having such interface. Also very popular recently readers that support virtual cards sent by the administrator to smartphones. We offer such HID readers - e.g. R10 Mobile with a Bluetooth module.
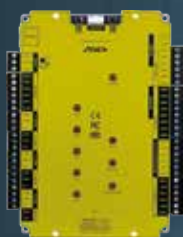
DEVICES

KS 3000

Standard controller
KDH-KS3012-IP
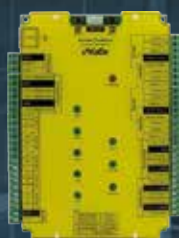
Standard controller
KDH-KS3024-IP

Elevator controller
KDH-KS3000-IP-ELV*

Extension module
KDH-MOD3016-ELV*

Extension module
KDH-MOD3000INOUT*

Extension module
KDH-MOD3000-ELV*

The buffer power supply
APSAAT4

The buffer power supply
APSAAT5

Power supply
KDH-ZAS12/6/17

Controller housing
AWO686

* Coming soon

ADVANTAGES
OF NMS AC

CLIENT-SERVER
STRUCTURE

MS SQL
DATABASE

MULTI-MONITOR
SUPPORT

AUTOMATIC TRANSFER
OF SETTINGS
TO CONTROLLERS

SIMULTANEOUS
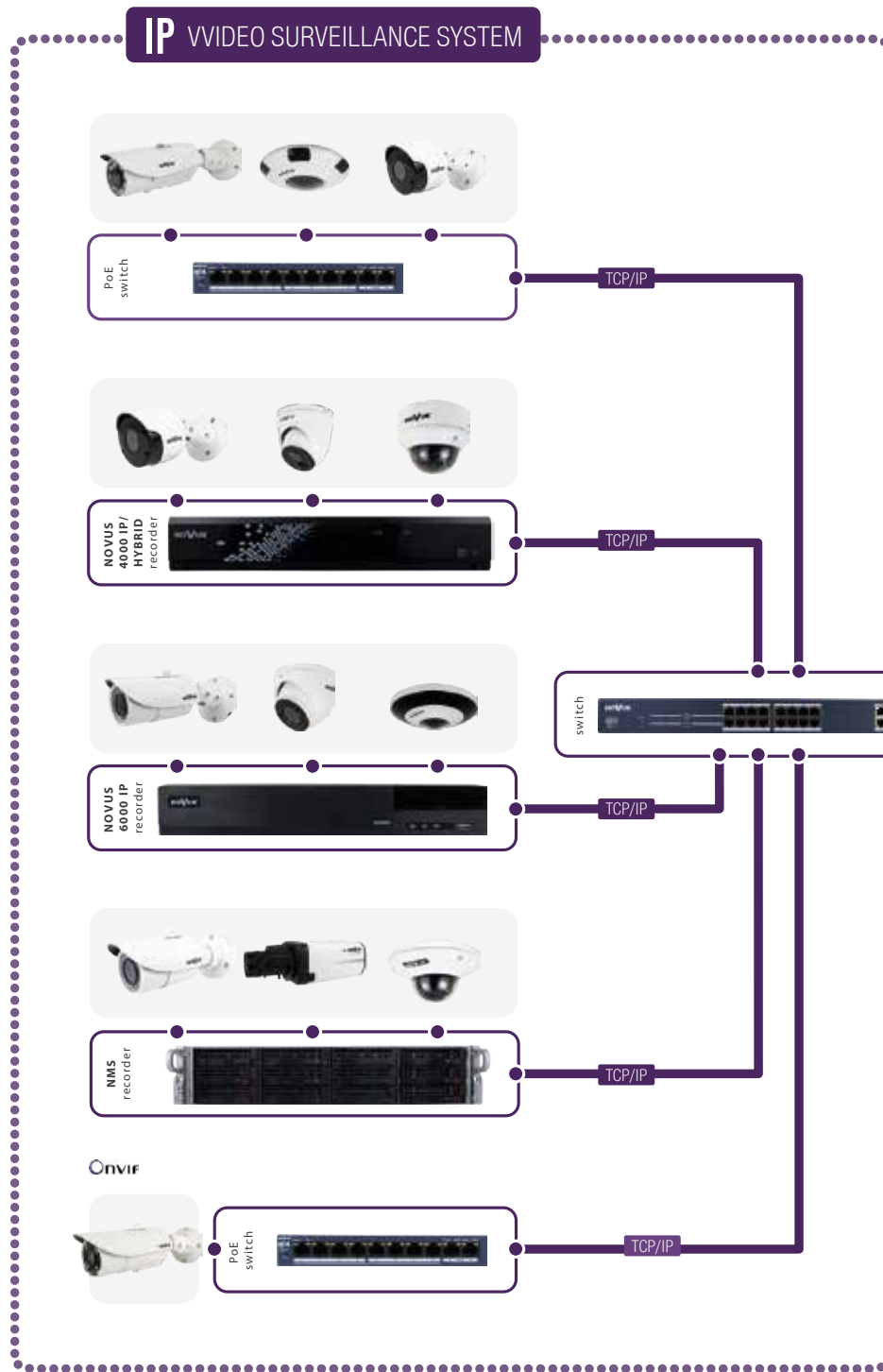OPERATION IN MONITORING
AND CONFIGURATION MODE

DEFINED GROUPS
OF ELEMENTS

www.nmsac.aat.pl

EXAMPLE
WIRING DIAGRAM

IP VVIDEO SURVEILLANCE SYSTEM

PoE switch

TCP/IP

NOVUS 4000 IP/ HYBRID recorder

TCP/IP

NOVUS 6000 IP recorder

switch

TCP/IP

NMS recorder

TCP/IP

Onvif

PoE switch

TCP/IP

NMS

NMS AC
SERVER

TCP/IP

OPERATOR STATION

SYSTEM CAPACITY - **18** VIDEO CHANNELS

STARLIGHT	COLOR IMAGE AT NIGHT	FISHEYE	„FISHEYE" LENS
H.264 H.265	IMAGE COMPRESSION	THERMO VISION	THERMAL CAMERA
IK10	PROTECTION RATING	LPR	NUMBER PLATE RECOGNITION
Onvif	UNIVERSAL COMMUNICATION PROTOCOL OF IP DEVICES	12 Mpx	UP TO 12 MPX RESOLUTION SUPPORT

ACCESS CONTROL

IP ACCESS CONTROL SYSTEM

DOOR CONTROL

TCP/IP — standard controller

WIEGAND — readers

RS-485 — extention module

TCP/IP — standard controller

WIEGAND — readers

RS-485 — extention module

ELEVATOR CONTROL

TCP/IP — elevator controller — WIEGAND — reader

UP TO **5** FLOORS

TCP/IP — elevator controller — WIEGAND — reader

TCP/IP — elevator controller — RS-485 — extention module

UP TO **9** FLOORS

reader — WIEGAND — elevator controller — RS-485 — extention module

4 pic. max

UP TO **69** FLOORS

switch

SYSTEM CAPACITY - **512** ONE-SIDE CONTROLLED DOORS
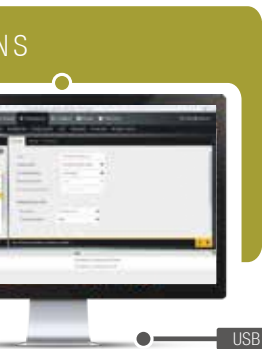
BIOMETRIC IDENTIFICATION

HID MOBILE READERS SUPPORT

QR-CODE READER SUPPORT

PARKING DRIVE-IN ENTRY CONTROL

N S

USB

administrator reader

SELECTED FEATURES
AVAILABLE FOR INSTALLER AND OPERATOR

- **quick system configuration thanks to the built-in search engine for controllers and IP cameras, and their automatic addressing**
- convenient verification of the communication status in the system and visual assessment of the status of individual elements after starting and configuring the system
- defining different rights for operator groups

- monitoring the system status using system element icons on panels with site maps, on a synoptic table and through messages displayed on the event stack
- **displaying a photo of the user after using the card along with a freeze frame from the camera installed above the reader**
- displaying images from cameras located near controlled transitions automatically after the event / alarm or after clicking on the camera icon

- access control to floors via a reader in the elevator car - up to 69 floors
- access control to lockers in locker rooms - up to 69 doors with one reader
- **defining scenarios that react automatically to events and alarms in the system**

- **importing user data from a file in accordance with a defined template**
- generating filtered event reports (automatically or on demand) and saving in csv or html format (with the option print to pdf)
- saving a system copy file (automatically or on demand in a secure database for quick recovery of the system configuration after a server failure

LICENSES

WORKSTATIONS
LICENSES

NMS ACCESS CONTROL **KL1**

CONTROLLERS
LICENSES

NMS ACCESS CONTROL **KT4**

NMS ACCESS CONTROL **KT8**

NMS ACCESS CONTROL **KT16**

NMS ACCESS CONTROL **KT32**

PANELS
LICENSES

NMS ACCESS CONTROL **PN4**

NMS ACCESS CONTROL **PN8**

NMS ACCESS CONTROL **PN16**

NMS ACCESS CONTROL **PN32**

SCENARIOS
LICENSES

NMS ACCESS CONTROL **SC4**

NMS ACCESS CONTROL **SC8**

NMS ACCESS CONTROL **SC16**

NMS ACCESS CONTROL **SC32**

FREE
LICENSE

The free license allows you to familiarize oneself with the software for 30 days, and after registering the program works indefinitely. Under this license, the system administrator can use two client stations. The system based on this license can cover up to 32 one-way controlled doors and connect up to 16 NOVUS IP cameras + 1 x ONVIF + 1 x RTSP.

To the basic version of the NMS AC software, which includes a free license, it is possible to add paid licenses that expand the capacity and functionality of the system.

Software is constantly being developed, and subsequent updates are available on the product page for logged in users. In the coming months, it is planned to expand integration with NOVUS VSS devices to include the ability to play recordings from NVR and NMS recorders and to increase the number of supported IP cameras by providing paid licenses. Ask in our departments about the availability of new options.

The set of paid licenses is divided into groups including client stations, controllers, cameras (available soon), panels and scenarios in packages of 4, 8, 16 and 32 items within each group.

Due to paid licenses, the system working under NMS AC can cover many remote locations and support a larger number of card users.

Paid licenses can be purchased in our sales departments and then activated in the NMS AC software on-line or off-line via the product page (after registering the system).

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www.nmsac.aat.pl/en