Access Control System

What is it? TRASSIR ACCESS CONTROL

A new module in the TRASSIR platform, which will significantly increase the functionality and usability feature of the security system, will reduce infrastructure costs and simplify the platform mounting and installation

It will prevent unauthorized access to the closed territory of offices, business centers, gardeners' non-commercial partnerships, housing cooperatives and cottage settlements, industrial enterprises and socio-cultural institutions

A tool for security departments, security personnel, accounting, HR departments and offices receptions, housing and utility providers

It will allow you to manage access points to the territory, provide access to cars and visitors using various identifiers, including by face, biometric data through your mobile phone

It will help you easily configure access scenarios and response to the access regime violation, keep records of working hours, work with temporary IDs

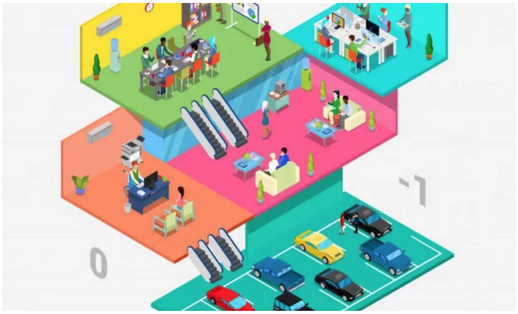
It can be used to solve the issues regarding access control and management both as a separate software product and a part of the TRASSIR integrated security platform

Everything our customers need for security is now available in TRASSIR

Control

of access to your territory

✓ Control and limitation of access using ‘Who-Where-When’ templates, creation of your own rules
✓ Configuration of multi-factor identification
✓ Use of the photo and video confirmation function of passes
✓ Constructor of a convenient smart notification system



Surveillance

with the help of the world leader of video surveillance systems

✓ Monitoring the status of assets in real time from anywhere in the world
✓ Viewing video archives linked to ACS events, using convenient searching tools

Analysis and response

using a powerful video analytics system

✓ Control of work discipline using ACS and a face recognition system, unacceptable concentrations of people in restricted areas, masks and uniforms availability
✓ Hands-free access for your employees and guests during pandemics
✓ Viewing reports to prevent future violations

Supported hardware

The entire product line of HIKVISION ACS

Controllers

Fingerprint access terminals

Access terminals with face recognition

Access terminals with temperature measurement

HIKVISION

TRASSIR ACCESS CONTROL

Supported hardware

ZKTeko access terminals

SpeedFace-V5L

ProFaceX

Module features

- ✓ Personnel management
- ✓ Multi-factor authentication
- ✓ Convenient and fast setting of access levels
- ✓ Flex schedules of work and access
- ✓ Reporting on employee attendance and discipline
- ✓ Temperature access control
- ✓ Setting up flexible responses to events in the system
- ✓ Close interaction with TRASSIR video analytics
- ✓ Equipment setting up and control
- ✓ Photo/Video identification
- ✓ Badge Room
- ✓ Open API
- ✓ Mobile application and browser-based operation

TRASSIR ACCESS CONTROL

Identification methods

Swipe cards

Arranging access by standard swipe cards

PIN codes

Creating rules of passing by individual PIN codes

Face recognition systems

Building a hands-free access system using software and hardware face recognition of employees and visitors

Vehicle plate numbers recognition systems

Setting up access of vehicles to the territory using the AutoTRASSIR automatic number identification module

Fingerprint

Deploying the fingerprint identification system

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Access control by temperature with the function of software or hardware face recognition

TRASSIR
ACCESS CONTROL

The possibility of organizing a checkpoint with the help of ACS and a vehicle plate numbers recognition system

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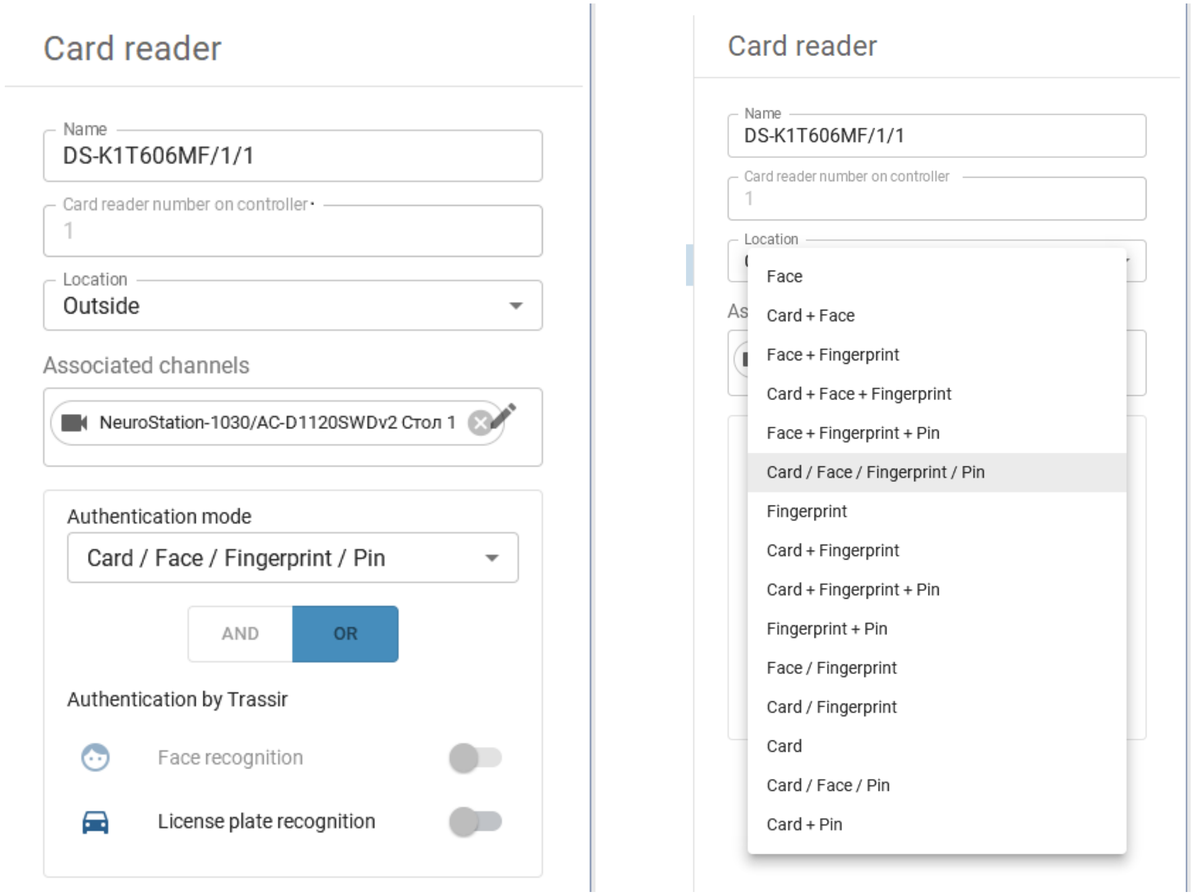
Multi-factor identification using VMS TRASSIR



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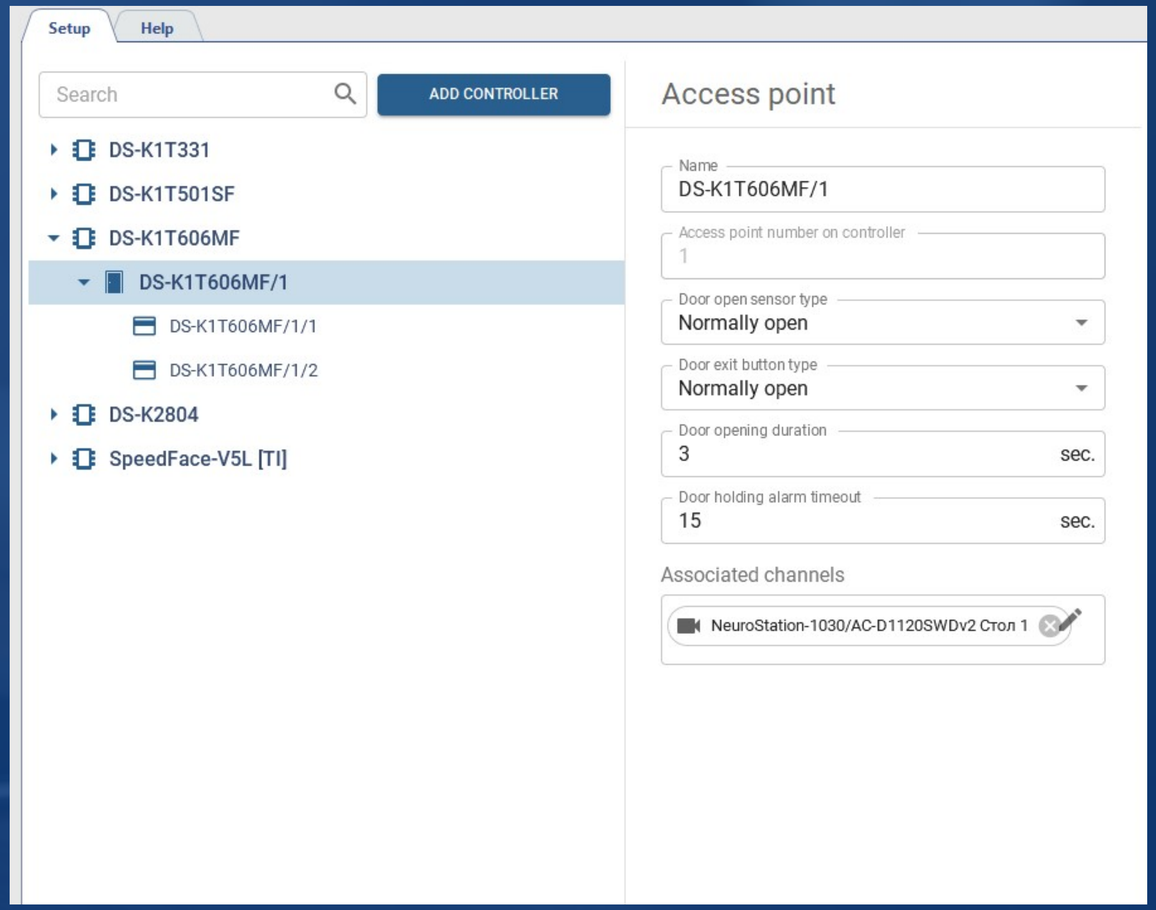
Device Management

The ability to configure the main parameters of access points on the device, such as:

- ✓ Type of door opening sensor
- ✓ Type of door opening button
- ✓ Door opening time
- ✓ Permissible time of holding the door



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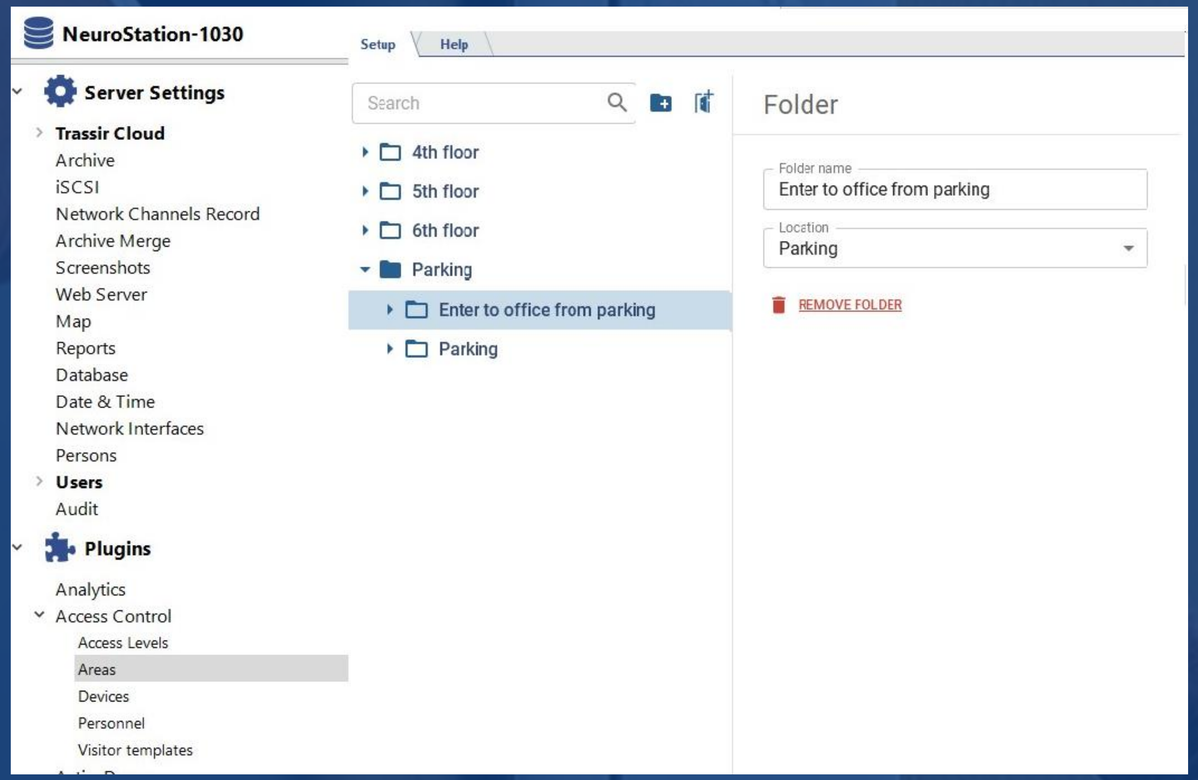
Working with access points

- ✓ Logical grouping of access points and the ability to combine them into groups and zones



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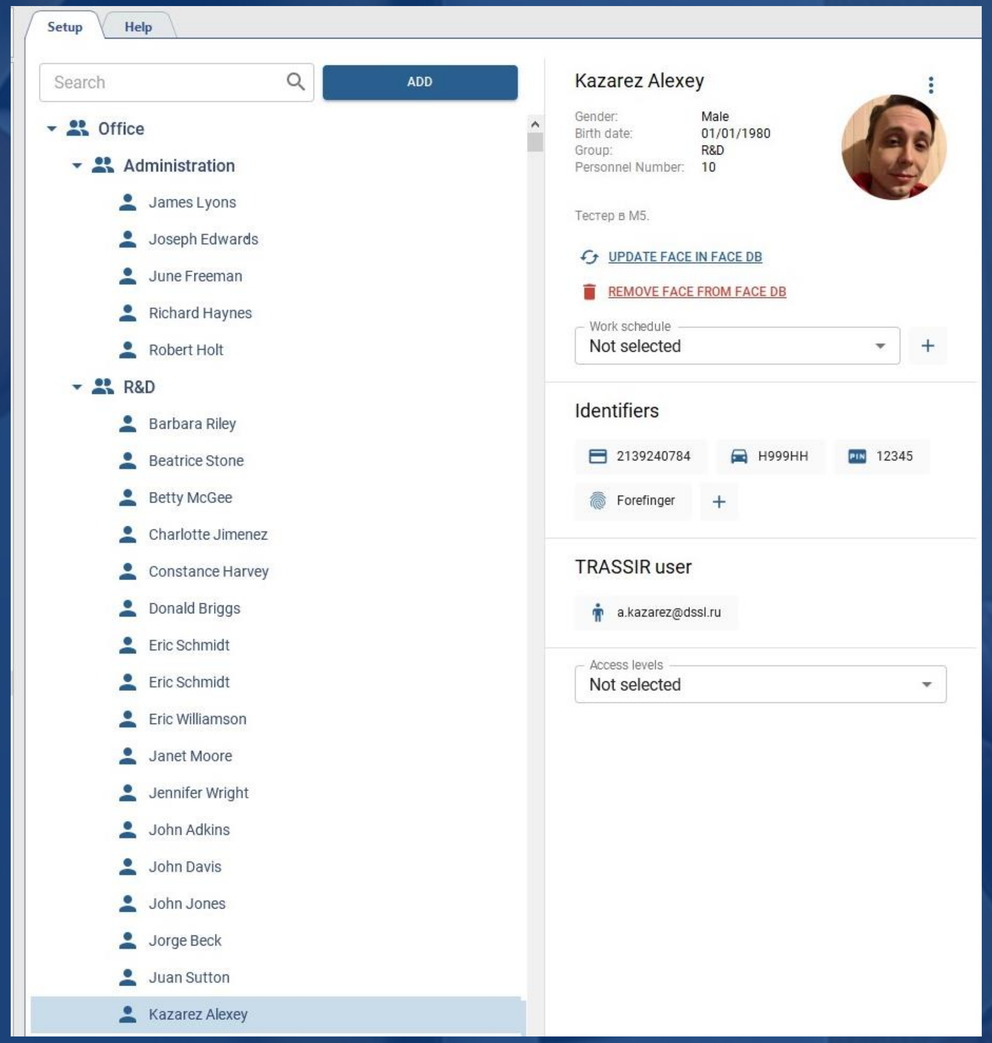
Personnel administration

- ✓ Creation and administration of personnel
- ✓ Grouping and assigning different access levels



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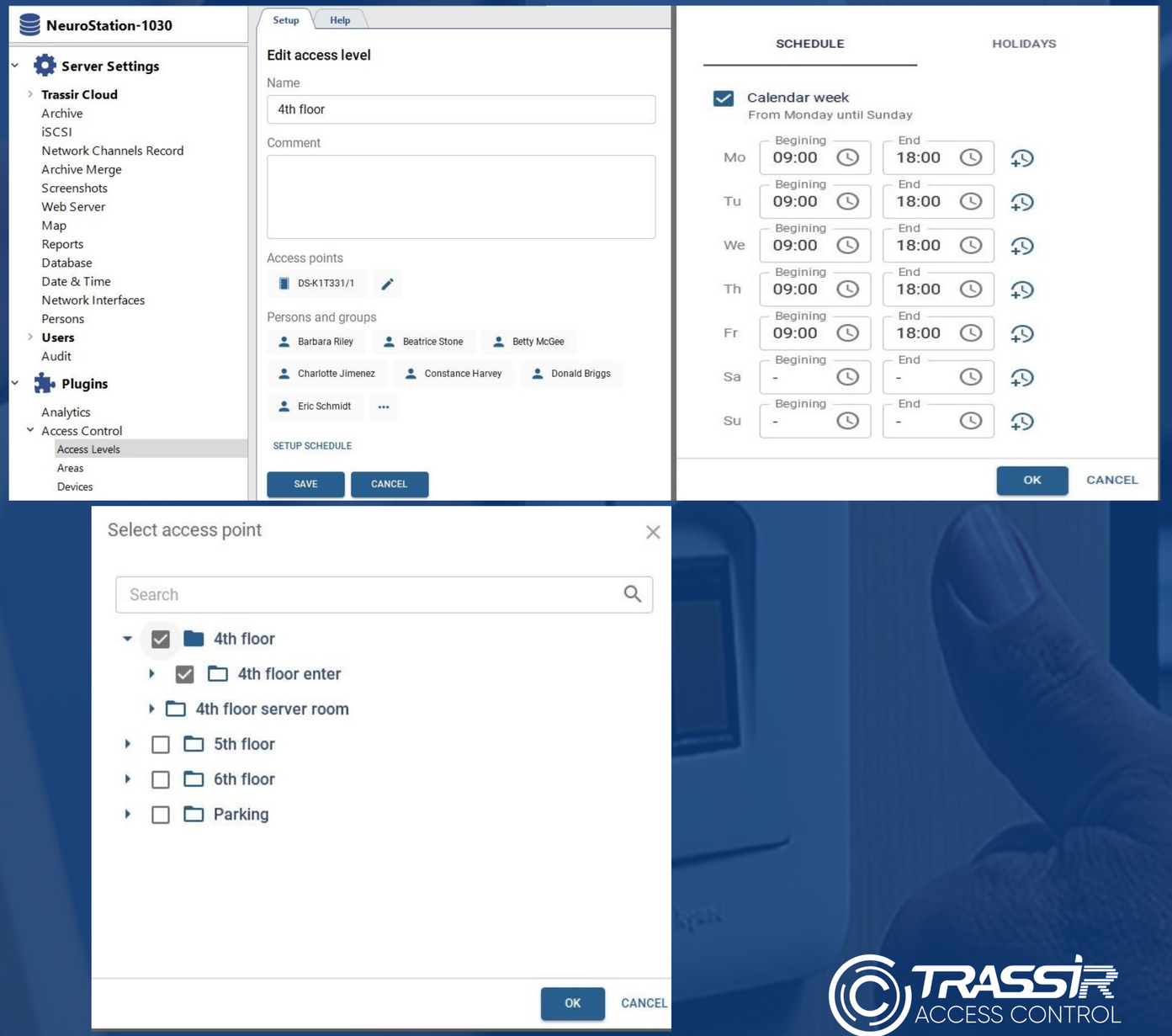
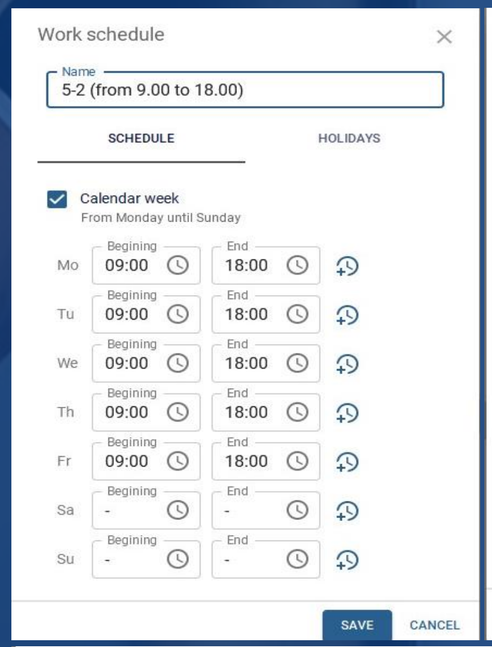
Who-Where-When

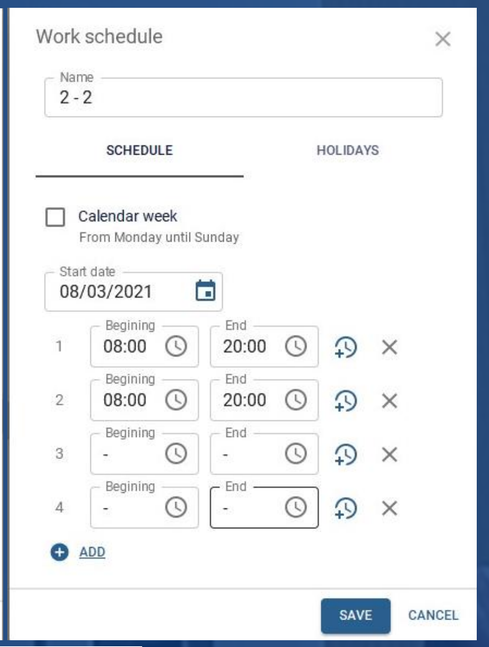
✓ Access levels, schedules setting, and assigning each person an appropriate access level

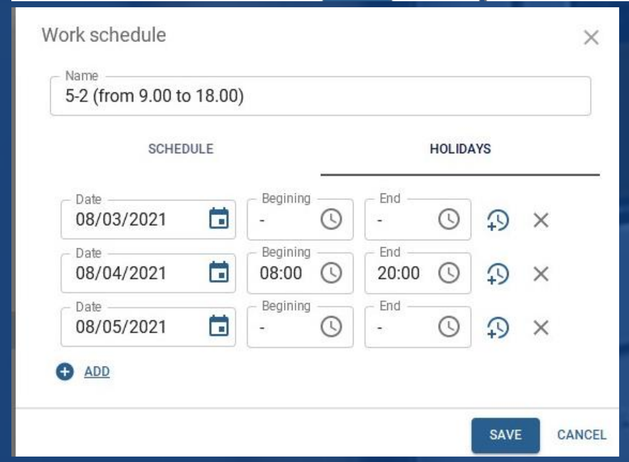


Creating work and staff access schedules

- ✓ Flexible configuration of work schedules and access schedules for employees
- ✓ Support for interval schedules
- ✓ Adding exception days to any schedules







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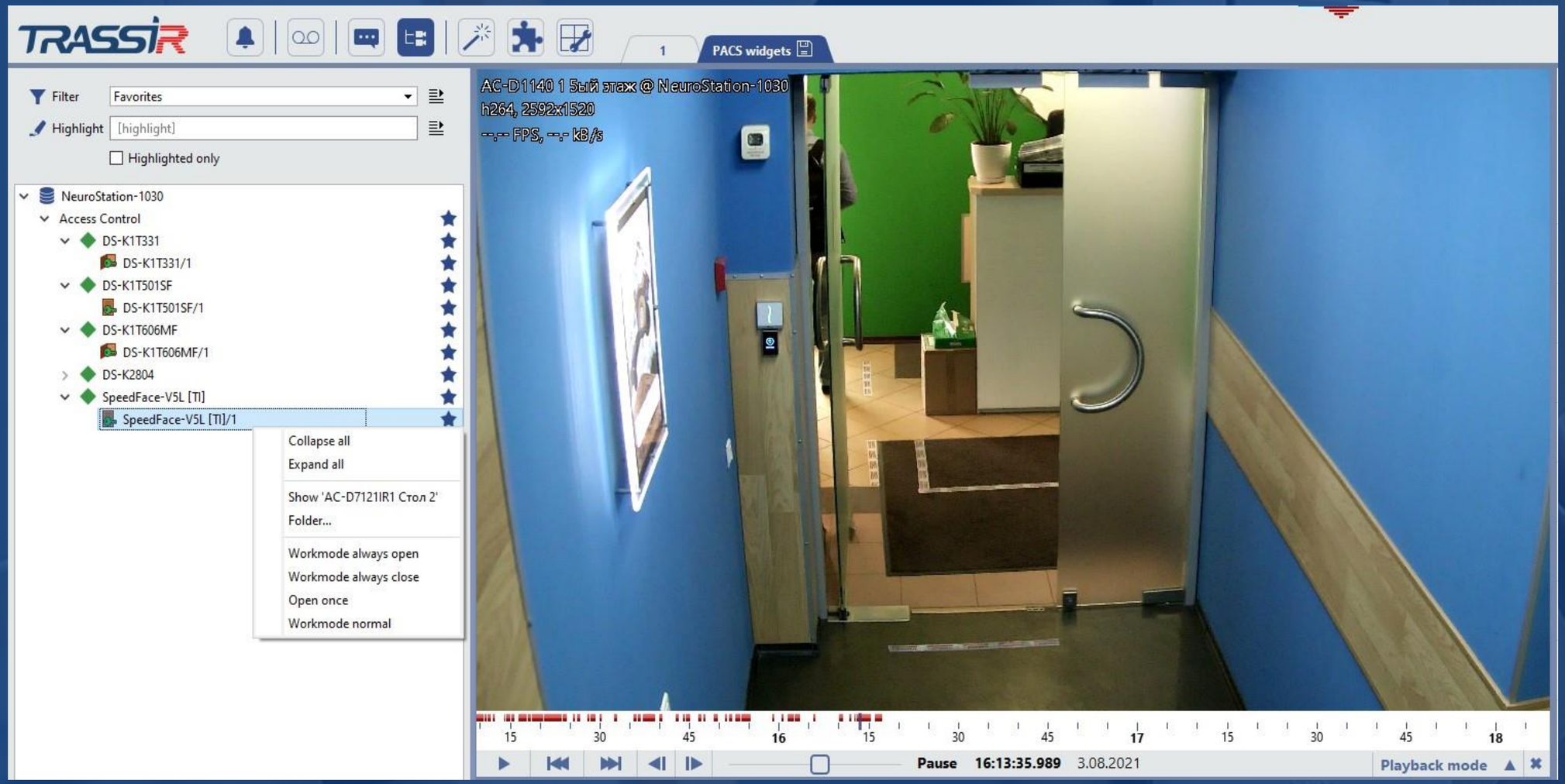
Objects monitoring and manual remote control of devices



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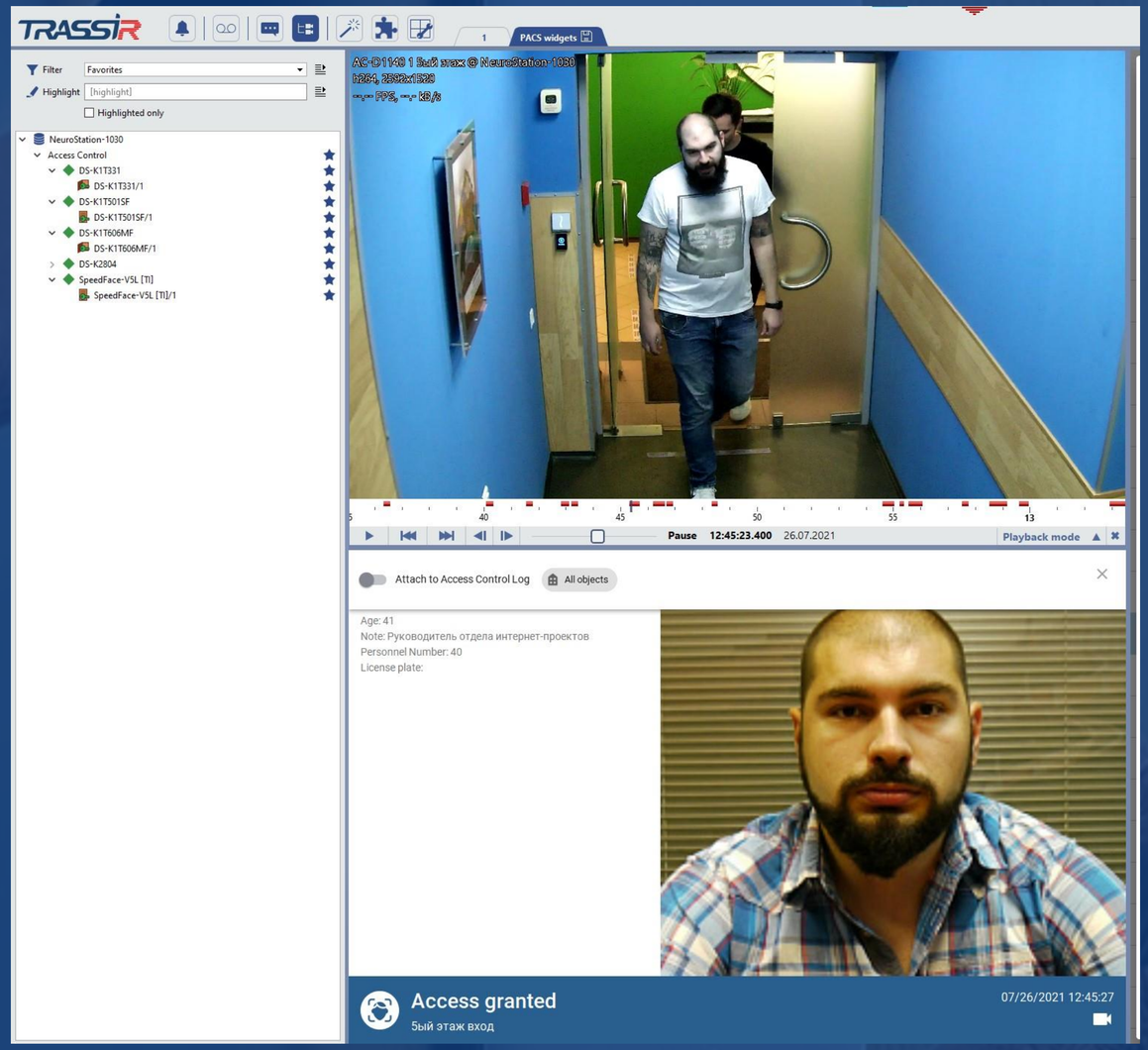
Event Log

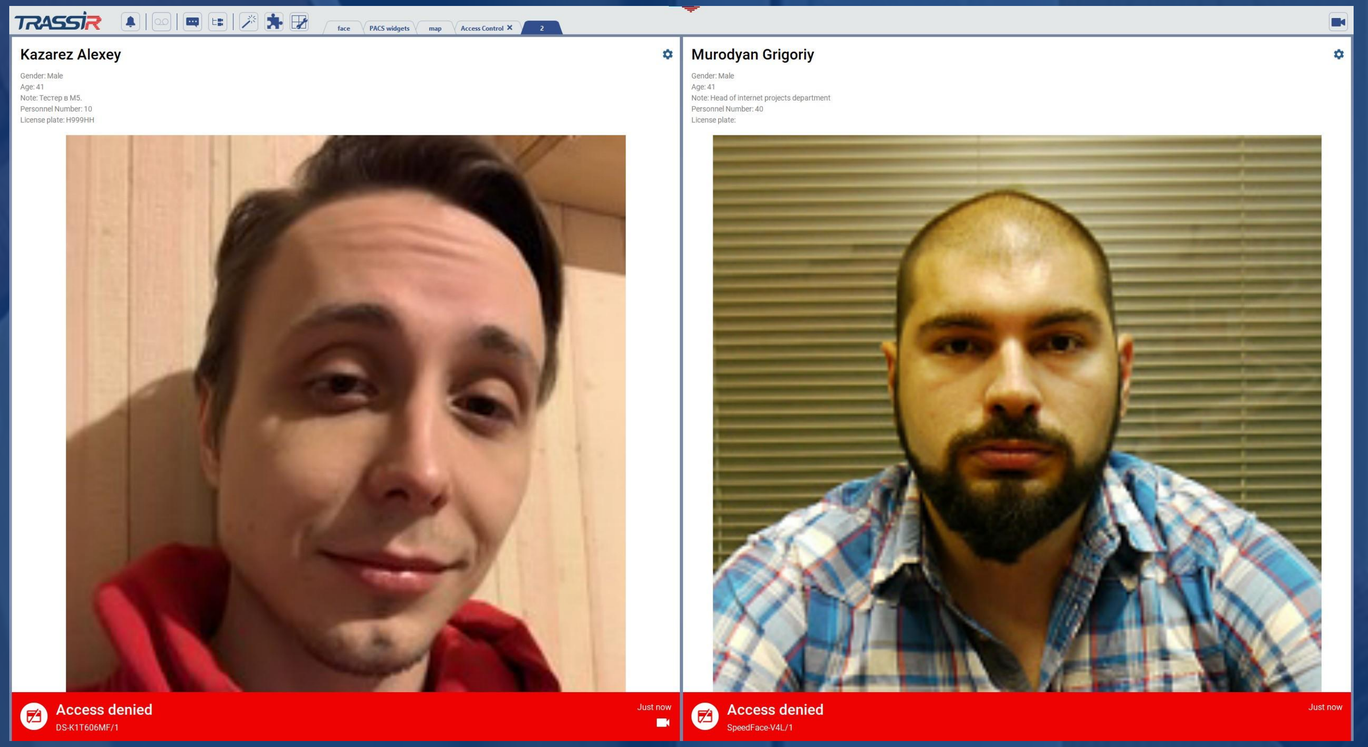
- ✓ Searching and viewing videos linked to the event and the ACS device in the event log
- ✓ The ability to filter and search for events based on employees, access points, event type and time for incident investigation



TRASSIR ACCESS CONTROL

Photo and video verification of passages

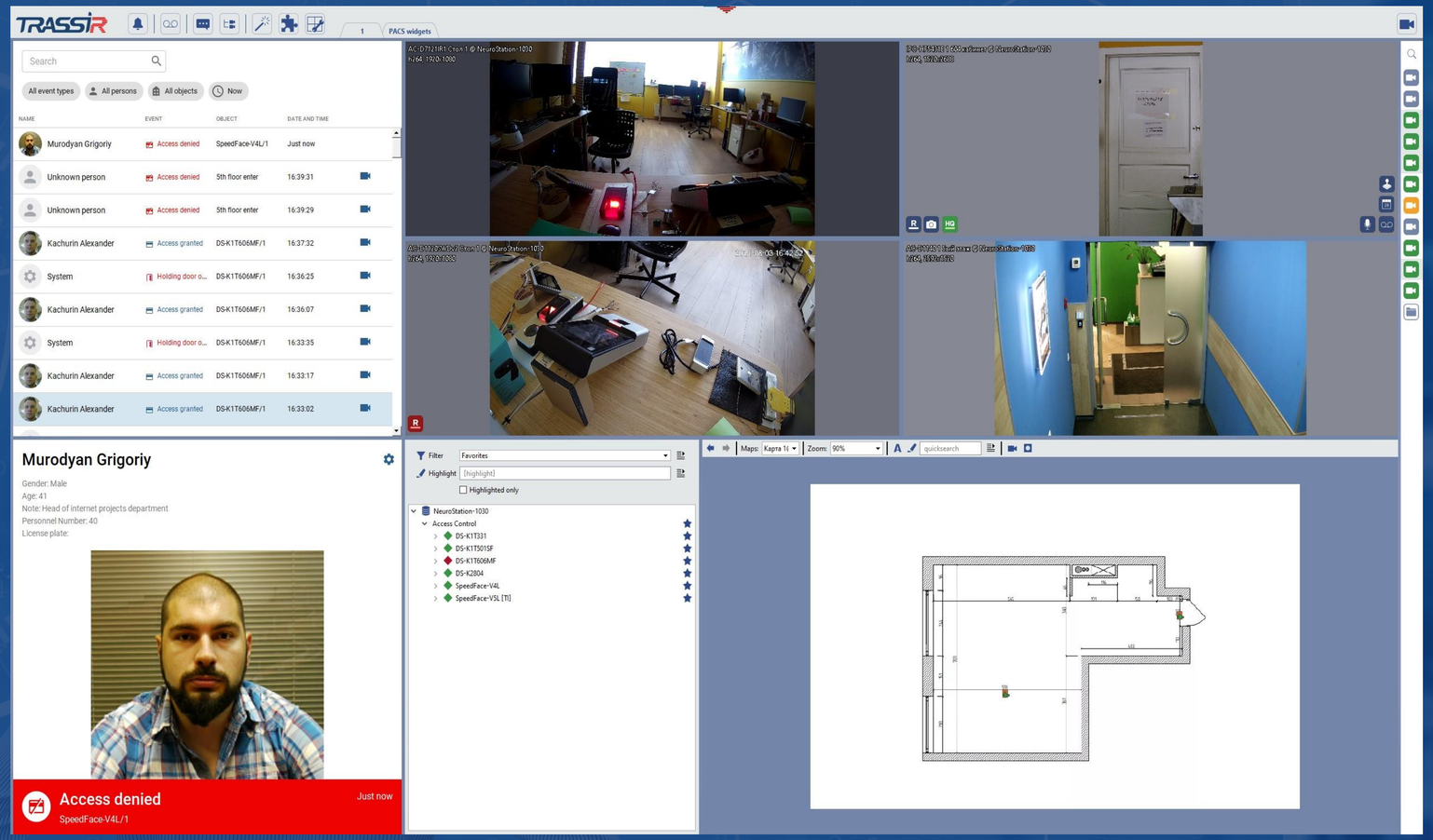
- ✓ Displaying an extended employee card for displaying on screen of the security post



TRASSIR ACCESS CONTROL

Photo and video verification of passages

- ✓ Widgets flexible configuration of security system module in one window for the operator



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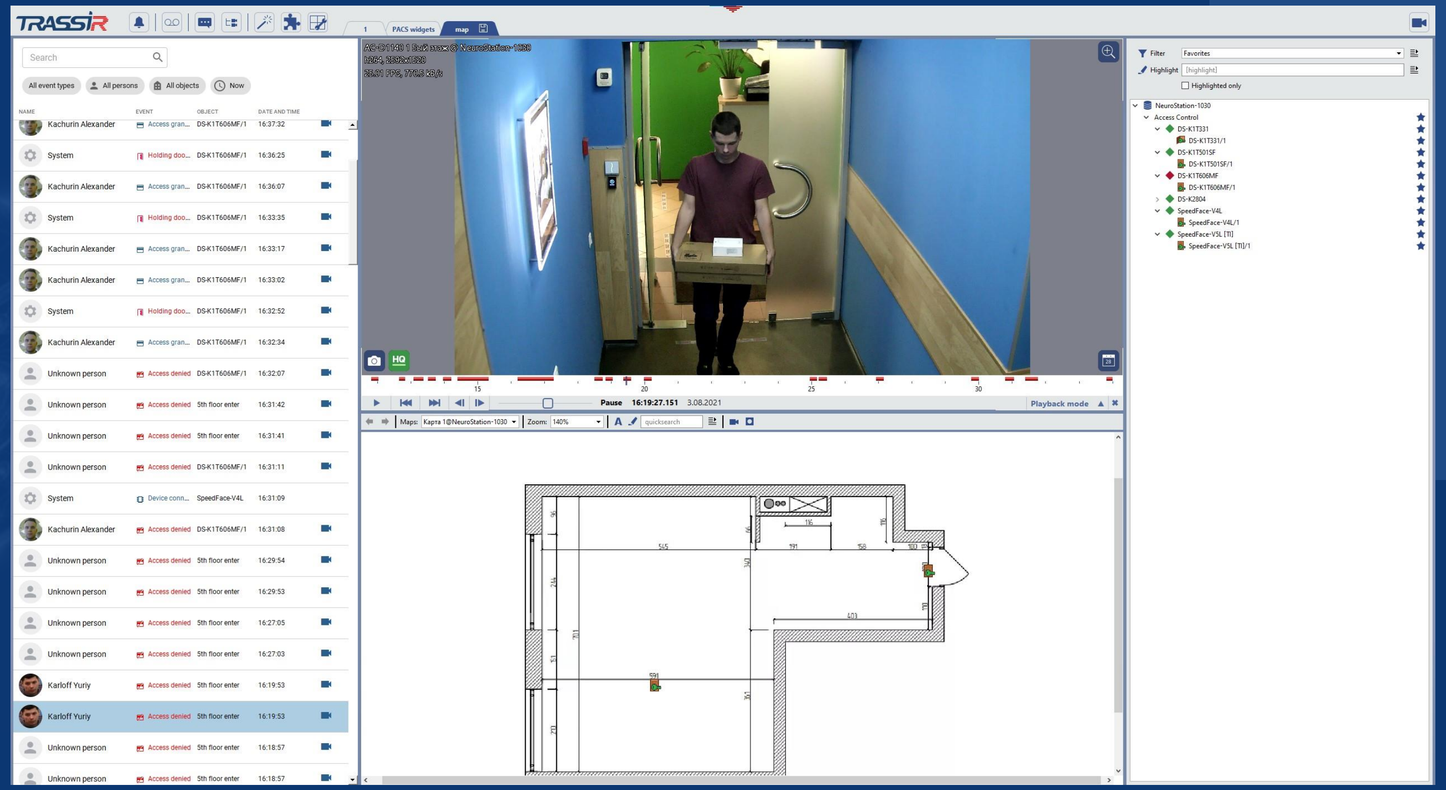
Working with premises plans

- ✓ Uploading premises plans
- ✓ Displaying ACS devices and CCTV and their states on the premises plan
- ✓ Video view from the premises plan
- ✓ Manual control of ACS devices from the premises plan



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Recording of working time

- ✓ Recording of working time per days
- ✓ Employee statistics
- ✓ Report of employee location in the zone
- ✓ Uploading to xls

DOWNLOAD XLSX

Attendance report (07/01/2021 — 07/31/2021)

Name	Personnel number	Group	Schedule name	Visits info							
				Date	Arrival	Departure	Actual hours	Plan hours	Being late	Early leaving	Overtime
Kachurin Alexander	33	R&D	5-2 (from 11:00 to 19:30)	01.07.2021	15:22	21:16	05:54	08:00	04:22		
				02.07.2021	11:19	11:19	00:00	08:00	00:19	08:11	
				03.07.2021	-	-	00:00				
				04.07.2021	-	-	00:00				
				05.07.2021	-	-	00:00	08:00			
				06.07.2021	-	-	00:00	08:00			
				07.07.2021	-	-	00:00	08:00			
				08.07.2021	-	-	00:00	08:00			
				09.07.2021	-	-	00:00	08:00			
				10.07.2021	-	-	00:00				
				11.07.2021	-	-	00:00				
				12.07.2021	-	-	00:00	08:00			
				13.07.2021	12:47	20:22	07:35	08:00	01:47		
				14.07.2021	00:18	06:55	06:37	08:00		12:35	
				15.07.2021	-	-	00:00	08:00			
				16.07.2021	-	-	00:00	08:00			
				17.07.2021	-	-	00:00				
				18.07.2021	-	-	00:00				
				19.07.2021	18:22	18:22	00:00	08:00	07:22	01:08	
				20.07.2021	-	-	00:00	08:00			
				21.07.2021	-	-	00:00	08:00			
				22.07.2021	-	-	00:00	08:00			
				23.07.2021	-	-	00:00	08:00			
				24.07.2021	-	-	00:00				
				25.07.2021	-	-	00:00				
				26.07.2021	-	-	00:00	08:00			
				27.07.2021	-	-	00:00	08:00			
				28.07.2021	-	-	00:00	08:00			
				29.07.2021	-	-	00:00	08:00			
				30.07.2021	-	-	00:00	08:00			
				31.07.2021	-	-	00:00				

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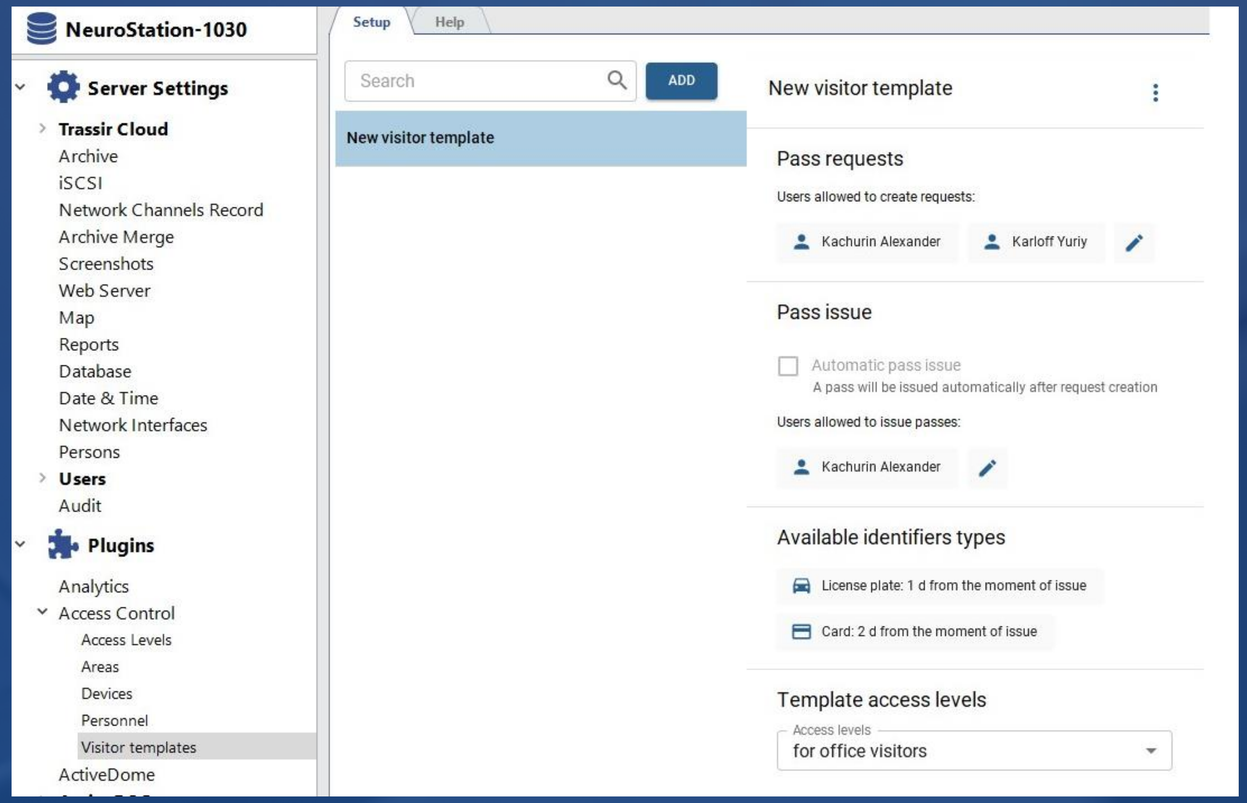
Badge Room

- ✓ Creating individual templates for ordering a pass for each organization, residential building, user
- ✓ The role of the administrator for issuing passes
- ✓ Organization of the process with automatic access granting on request
- ✓ Setting up time limits for visitors' stay



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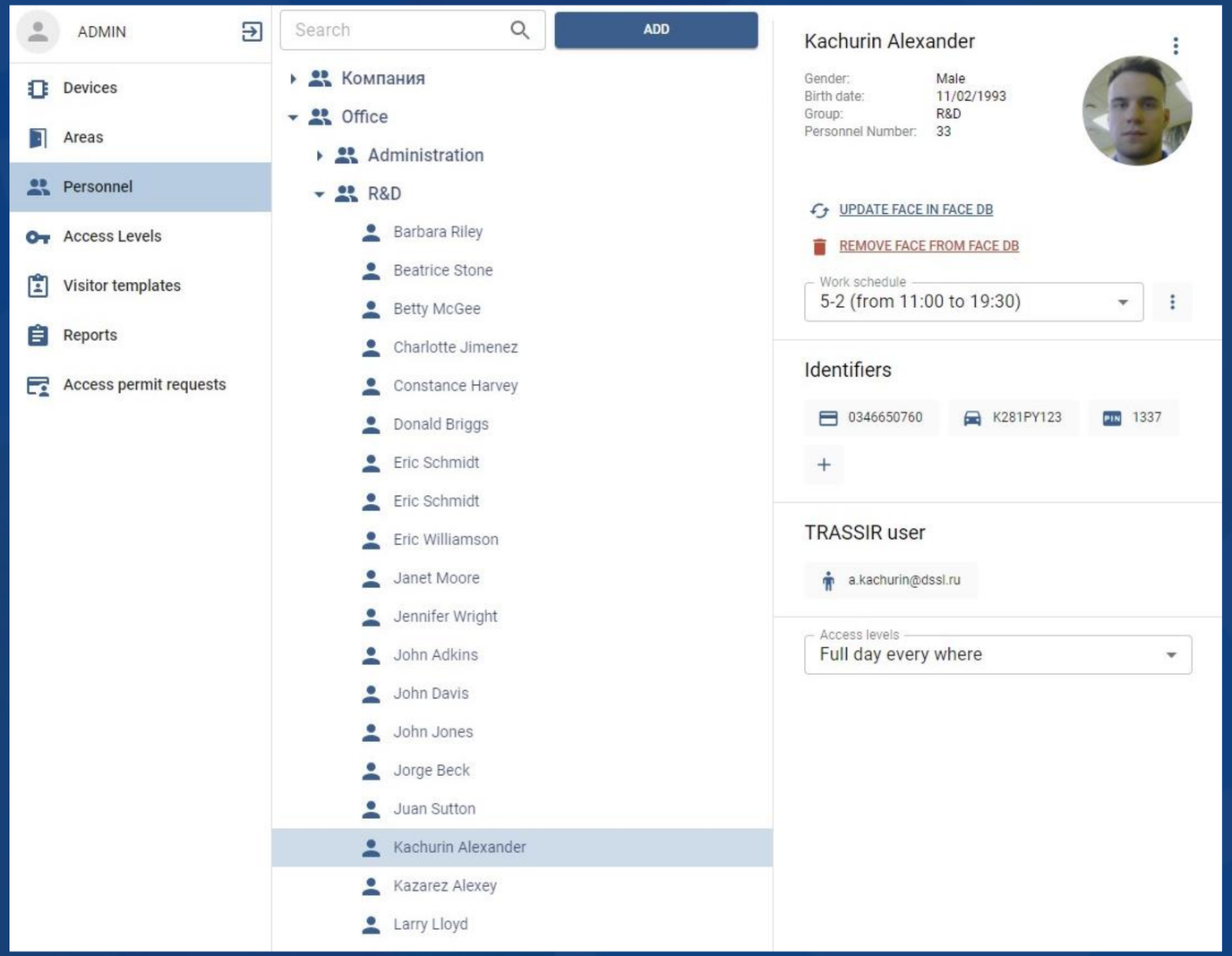
Access via the browser

- ✓ TRASSIR ACS configuration and administration
- ✓ Personnel management
- ✓ Reports Viewer
- ✓ Working with the Badge Room



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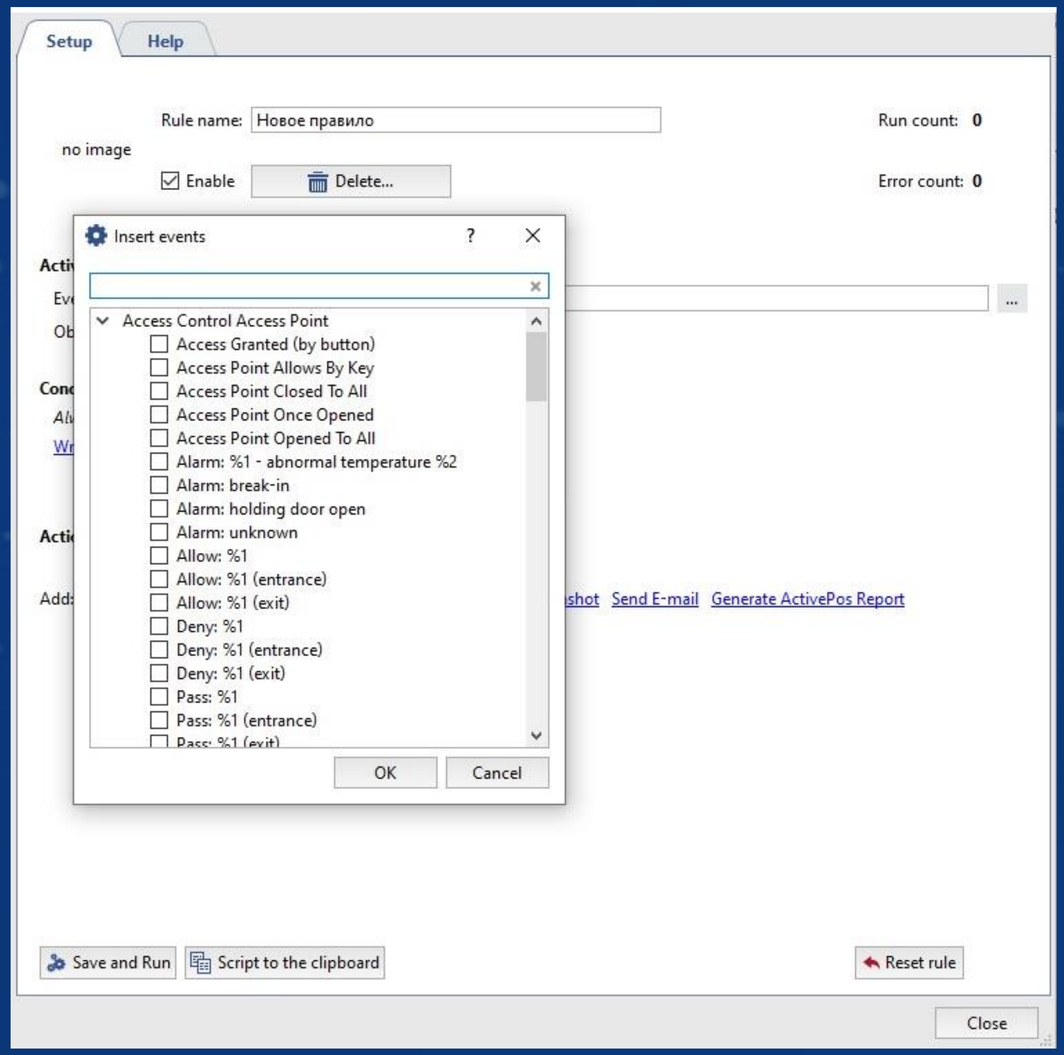
System response scenarios

✓ Creating flexible rules/scripts in Trassir based on ACS events



Integration with third-party systems

- ✓ Integration with third-party systems
- thanks to an open API

Запрос


```
{
    "info": {
        "family": "emulator",
        "ip_address": "192.168.1.201",
        "login": "admin",
        "name": "New device",
        "password": "12345",
        "port": 8000
    },
    "language": "en"
}
```


Ответ


```
{
    "info": {
        "errors": [],
        "family": "emulator",
        "id": 7,
        "ip_address": "192.168.1.201",
        "licensed": true,
        "login": "admin",
        "name": "New device",
        "password": "",
        "port": 8000,
        "status": "CONNECTING"
    }
}
```


TRASSIR ACCESS CONTROL

Advantages:

✓ **Comprehensive solution**

ACS, video surveillance, video analytics - all these are modules of a single platform that allow you to use any features of the Trassir ecosystem in a single interface. Simple, convenient and effective!

✓ **One server for two systems**

Now there is no need to maintain 2 separate servers for the operation of ACS and video surveillance. Both systems work great on one server !

✓ **Everything you need for security**

Our company is one of the largest suppliers of equipment and software for security systems in Russia. You can purchase everything you need from us!

✓ **Pre-sale and after sake support**

Technical support staff is ready to demonstrate all the features of the system and provide support on request

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www.trassir.com