



# Reliable Ecosystem for Residential Complexes of Any Size



## Why TRASSIR?

All safety and security systems are easily integrated into a single complex managed by one interface

### Fast and easy design of safety and security systems

- Assistance in choosing equipment at the design stage
- Integration with TRASSIR-based video surveillance, fire alarm system, ACS, and intercom

### Individual customization

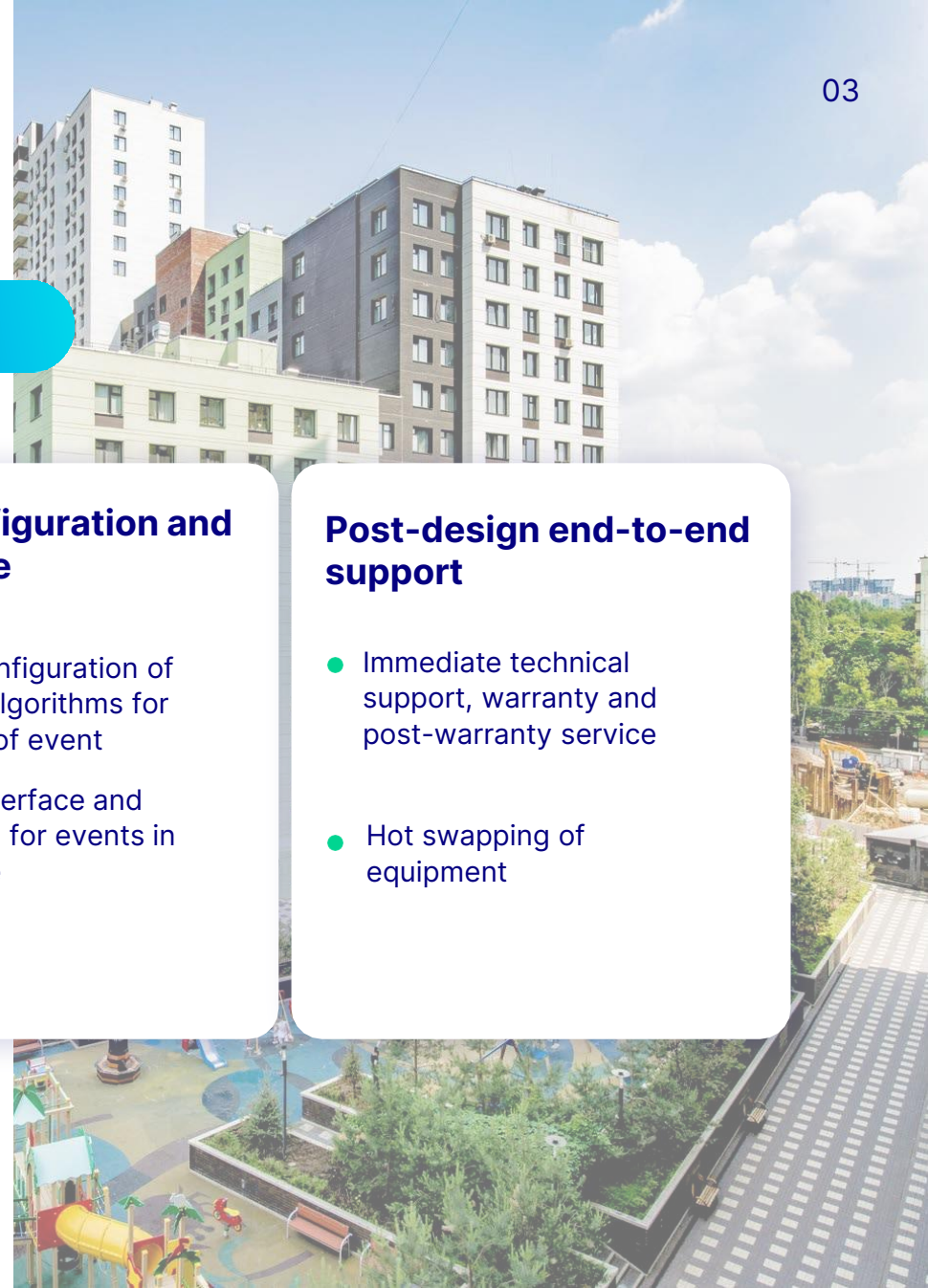
- Variety of solutions depending on customer's requirements: from color to form factor
- Extendable system functionality through individual scripts

### Quick configuration and ease of use

- Flexible configuration of response algorithms for each type of event
- Intuitive interface and fast search for events in the archive

### Post-design end-to-end support

- Immediate technical support, warranty and post-warranty service
- Hot swapping of equipment



# Integrated residential complex management through a safety, security, and comfort monitoring ecosystem

## Improvement of residential complex attractiveness

### Management company

- Controlling the key parameters of the building
- Monitoring personnel performance
- Providing additional paid services
- Reducing penalties, cutting payroll costs through reducing the number of security guards

## Complete control over events

### Security guards and concierges

- Camera viewing
- Event logs
- Access rights configuration

## Comfortable living conditions

### Residents

- Automatic access to the building territory
- Remote monitoring from anywhere



TRASSIR

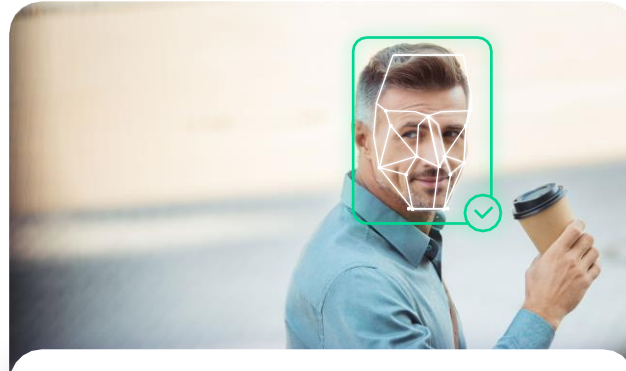


# Professional solutions for safety and security management in a residential complex



## Video surveillance

- 24/7 control over the residential complex territory
- Immediate response to events
- Report making



## Access control system (ACS)

- Biometric access (FaceID)
- Territory access control
- Time recording of entries/exits and attempts of unauthorized penetration



## Video analytics

- Automatic entry/exit using license plate recognition
- Intelligent search in the video archive by event
- Smoke recognition and open fire detection

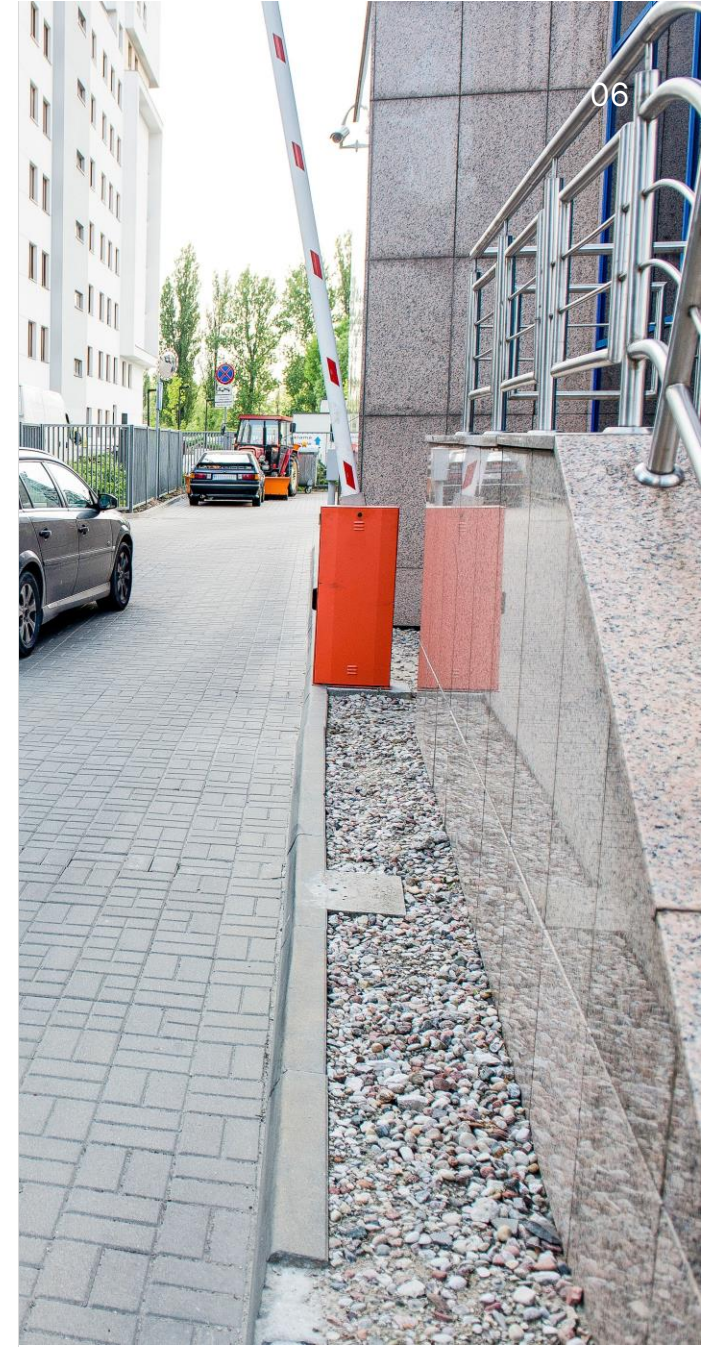
## Automatic access of residents and visitors to the residential complex territory

### CAPABILITIES

- License plate recognition
- Automatic barrier opening
- White and black listing
- Vehicle counting and their movement direction monitoring

### SOLUTION

- ✓ Barrier
- ✓ License plate recognition camera
- ✓ AutoTRASSIR license + **Alarm Monitor** script
- ✓ **NeuroStation** video recorder



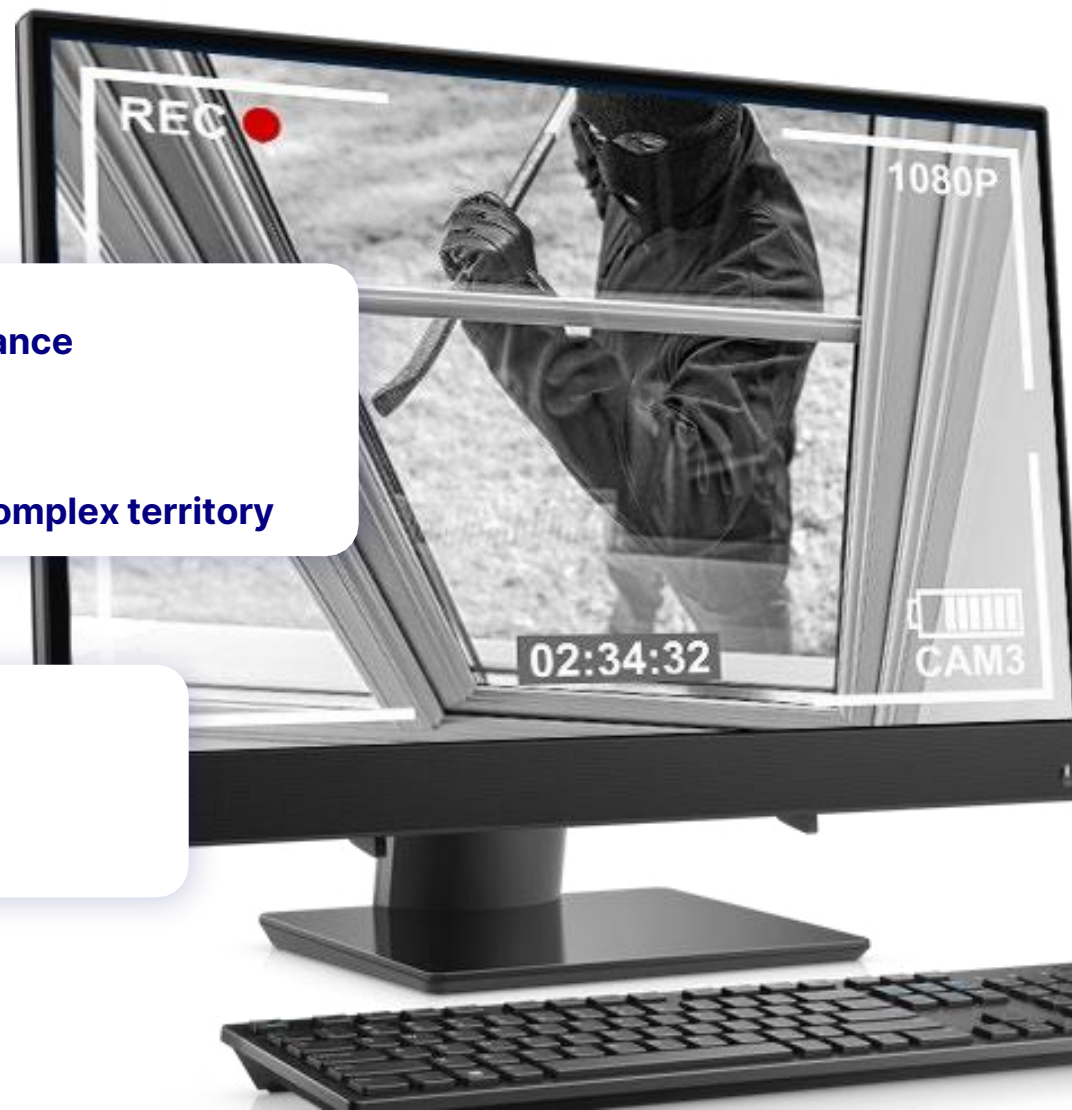
## Perimeter monitoring in all weather conditions and at any time of day or night

### CAPABILITIES

- People detection and identification at any distance
- Automatic notification of unauthorized access
- Notifications of sabotage attempts
- Control of all access points in the residential complex territory

### SOLUTION

- ✓ Access control system (ACS)
- ✓ IP video surveillance (VS)
- ✓ AutoTRASSIR



## Simple parking control

### CAPABILITIES

- Automatic access to the parking lot using license plate recognition
- Vehicle counting in the parking lot
- Vehicle movement direction monitoring in the parking lot

### SOLUTION

- ✓ Access control system (ACS)
- ✓ IP video surveillance (VS)
- ✓ AutoTRASSIR



## Ensuring security in common areas

### CAPABILITIES

- **Monitoring reception areas, elevator areas, and stairwells**
- **Monitoring the presence of security guards at the workplace**
- **Counting unique visitors to the residential complex**

### SOLUTION

- ✓ **Access control system (ACS)**
- ✓ **IP video surveillance (VS)**
- ✓ **TRASSIR Face Recognition**





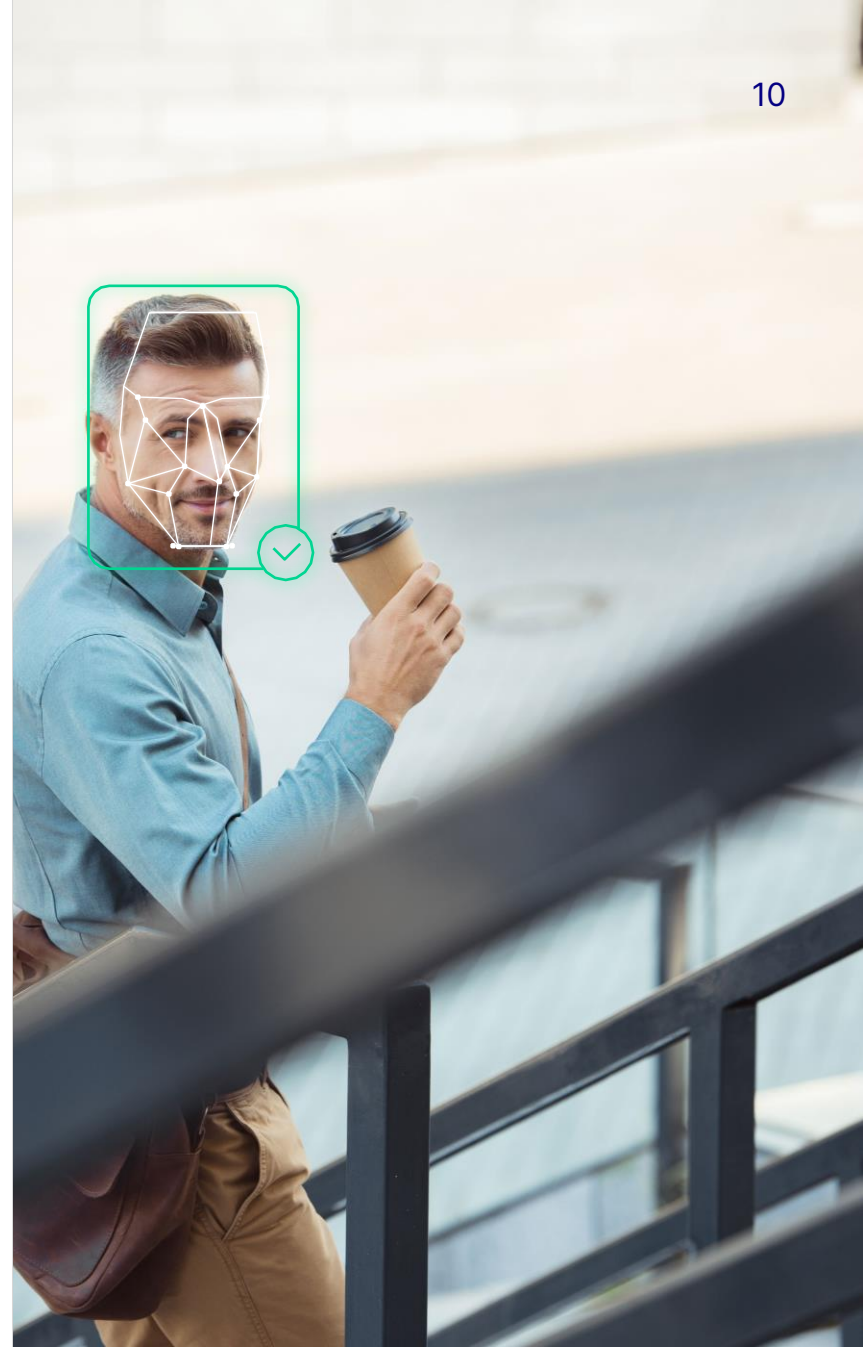
## Convenient access to the residential complex for its residents

### CAPABILITIES

- People identification at the entrance to the residential complex
- Access to the entrance hall by face

### SOLUTION

- ✓ TRASSIR Video Intercom license
- ✓ TRASSIR Face Recognition license
- ✓ Outdoor video panel



## Additional scenarios



### GARBAGE COLLECTION CONTROL

- Trash can fullness
- Garbage truck detection



### PLAYGROUND MONITORING

- Search for missing people
- Online viewing of the territory



### VANDALISM DETECTION

- Alarm notification
- Online viewing of the incident

## Partners & integrations

DOORHAN®

AJAX

HIKVISION

dhua  
TECHNOLOGY

REXANT®

ПАРИТЕТ  
ТОРГОВО-ПРОМЫШЛЕННЫЙ ДОМ

NIKOMAX®  
CABLING SYSTEMS

NIKOLAN  
Networking Cable

TOSHIBA

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NETLAN

БЛОКРОСТ  
ПРОИЗВОДИТЕЛЬ СИСТЕМ БЕЗОПАСНОСТИ

Smartec

SLINEX  
technology

РостЕвроСтрой

FAAC  
Simply automatic.

PERCo

OXGARD  
ЗАЩИЩАЯ БУДУЩЕЕ

octagram  
modular systems

WISENET

parsec

Gate  
СИСТЕМА КОНТРОЛЯ ДОСТУПА

SIGUR

СТРЕЛЕЦ

BOLD

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True IP

ACCORDTEC

ZKTeco

COMMAX®

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iron iL Logic

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ACCORDTEC

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POWER.COM

Smartec

WD Western Digital

evolis  
CARD PRINTERS

D-Link  
Building Networks for People

hp HEWLETT  
PACKARD

Mikrotik  
Router

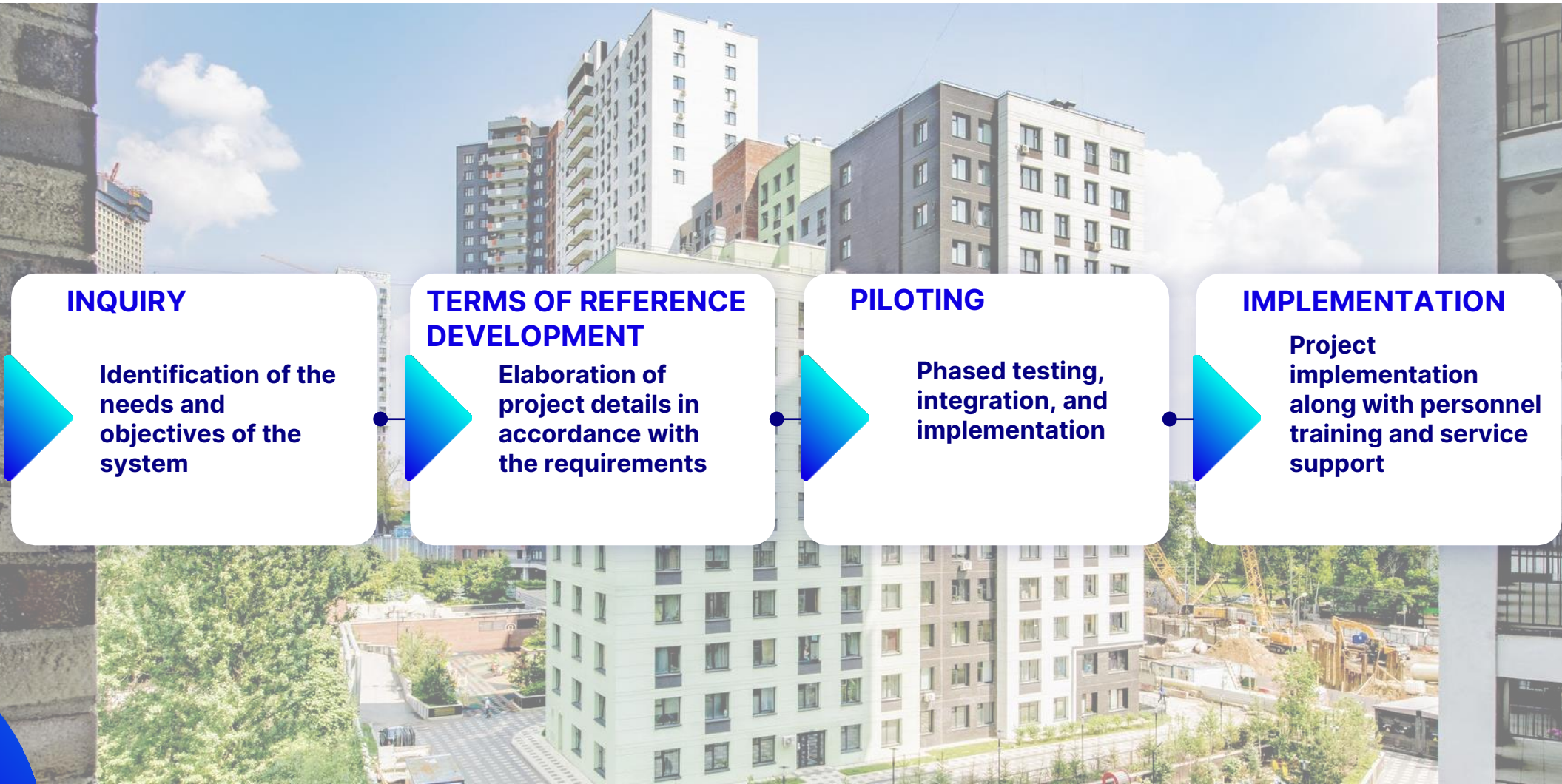
OSNOVO  
cable transmission

SC&T

netis

UBIQUITI  
NETWORKS

# Project milestones



## Implemented solutions



### Tenistaya Deluxe Residential Complex

**Premium residential complex in a quiet, green, and picturesque area in Kaliningrad**



- fenced area with two entrances with automatic gates;
- innovative video surveillance system: high-performance video recorder; IP video surveillance with video analytics based on neural networks; patrolling, auto scanning, vertical scanning, panoramic scanning, random scanning, and frame scanning;
- 24/7 security post;
- modern IP intercom.



### DAP YAPI Residential Complex

**Premium residential complex with developed infrastructure in Istanbul, Turkey**



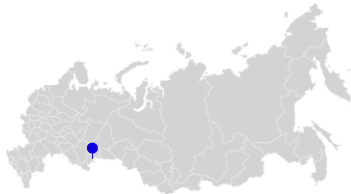
- fenced area with 24/7 monitoring of all recreational areas, common areas, and gardens;
- single system based on the VMS TRASSIR platform;
- central control room with the output of images from all video cameras to the video wall.

## Implemented solutions



### Newton Residential Complex

**Modern residential complex with modern conveniences in Chelyabinsk**



- integrated security system: intercoms and ACS;
- high fault tolerance of hardware and software;
- single platform for the Linux-based security system;
- local representation in the region for the prompt solution of all issues, as well as a service center;
- technical support and in-service maintenance.



### LEGENDA Dalnevostochnogo Residential Complex

**Small second-generation SMART-project in St. Petersburg**



- fenced area with two entrances with automatic gates;
- innovative video surveillance system: high-performance video recorder; IP video surveillance with video analytics based on neural networks. Control of entry/exit to/from the parking lot; monitoring of entrances to the buildings, playgrounds and sports grounds, elevators and elevator lobbies as well as on-street parking spaces;
- control room and 24/7 security post;
- modern IP intercom.



trassir.com



welcome@tglobal.ae

