



**Understanding,  
Prediction, Integration,  
Protection**

# TRASSIR today



Experience in CCTV  
surveillance

**SINCE 2002**

**15 000 +**

loyal customers  
around the globe

**3** R&D centers



**50** countries with TRASSIR  
installations

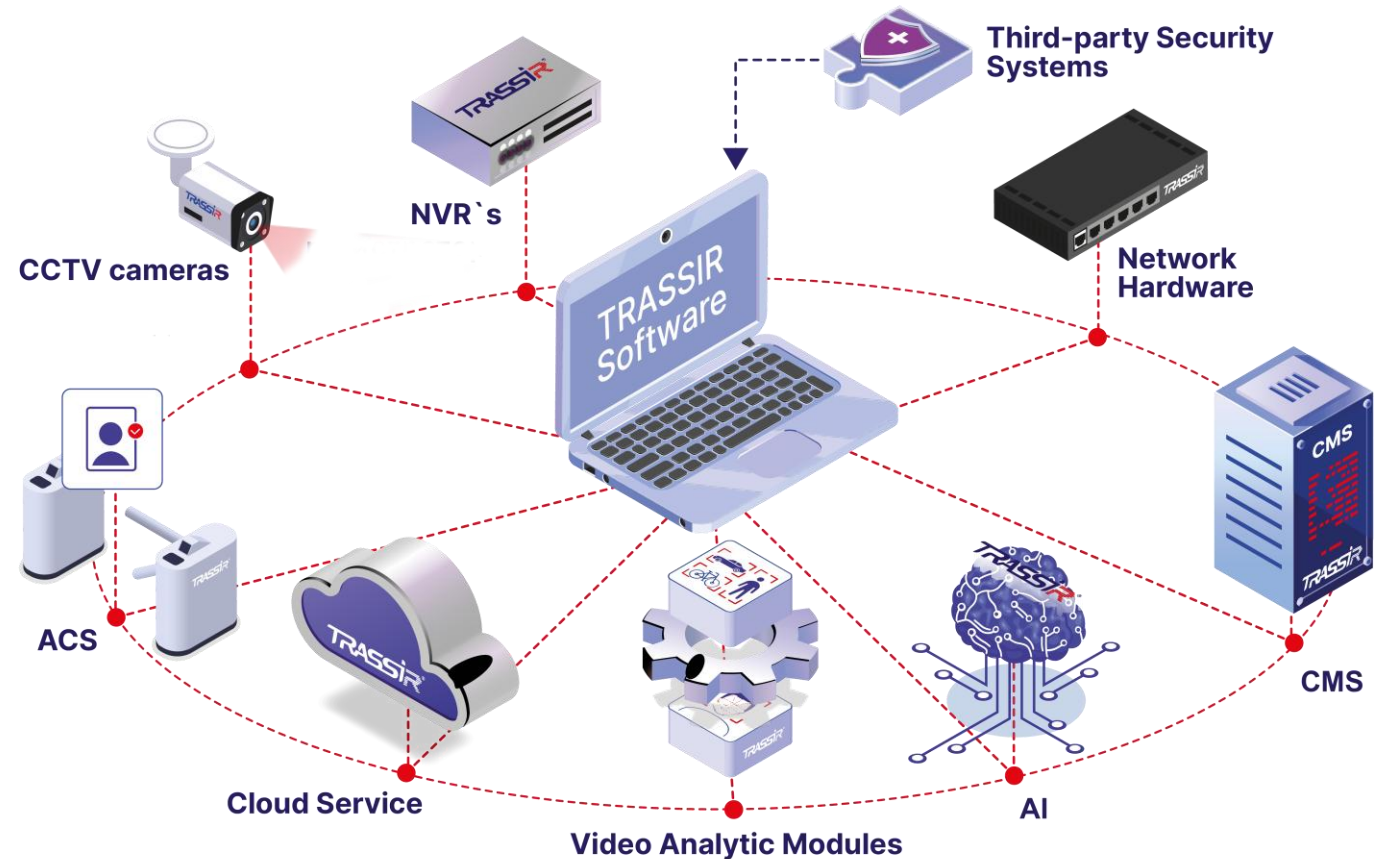
# TRASSIR open digital platform includes



TRASSIR creates advance solutions in the field of security and automation

## TRASSIR'S GOAL

to improve the security of society, sustainability and profitability of businesses using machine perception and event prediction technologies







**Comprehensive security system  
for residential properties and  
commercial buildings**

# What do we offer?



A unified security system for reliable protection of residential complexes and commercial real estate.  
Integration with third-party security systems: ACS, burglar and fire alarms, video intercoms

## Create multi-layer protection



Up to **30%**

savings on design,  
installation, configuration  
and maintenance



Up to **40%**

faster deployment

## System capabilities

- **Pre-built integrations** with 99% of camera and equipment manufacturers
- **Open API** for integration with any external systems
- Functionality expansion and system customization through Python scripting **capability** for all elements

# A comprehensive solution for tasks of modern residential complexes and commercial building



**Unified control center**  
Rapid incident response  
and swift investigation



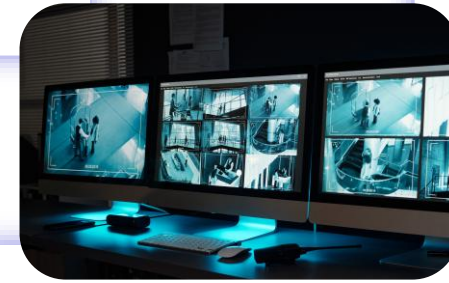
**Residential grounds**  
Comprehensive yard  
security



**Parking areas**  
Parking access for  
residents and guests



**Entrances and  
access points**  
Integration with ACS and  
video intercom systems





**Single-pane security  
management interface**  
Third-party security  
system integrations



## Advantages of TRASSIR VMS



## Versality

-  **Compatibility** with 99% of cameras and servers on the market (RTSP, ONVIF)
-  **Support** for key operating systems: Windows, Linux

## Functional reliability

-  **Equipment health monitoring** with instant fault detection
-  **Intelligent Archive:** Event-based search and data export in seconds
-  **Robust protection:** Encrypted archive to prevent hacking

## Flexibility

- ✓ Creation of security architectures of any complexity
- ✓ Flexible access rights configuration for users



# Full equipment kit solutions



Outdoor cameras for  
facades and perimeter



Internal overview  
cameras



License plate recognition  
cameras



Internal entrance  
group cameras



PTZ cameras



TRASSIR UltraStation  
Supports up to 256 IP cameras



TRASSIR NeuroStation  
Supports up to 160 IP cameras



TRASSIR MiniNVR  
Supports up to 32 IP cameras



Unmanaged PoE switches



Managed PoE  
switches



PoE Injectors



PoE Extenders

Custom color finishing available





**Solutions for entrance and  
premises security**

# Entrance security

## Tasks

- **Securing common areas:** entrance lobbies, elevator zones, stairwells
- **Unauthorized access prevention** to restricted premises

## Why TRASSIR ACS?



### Integrated security system

Video surveillance, analytics, ACS, Fire Alarm System, and video intercoms unified within one platform



### Cost efficiency and simplicity

No dedicated server or additional licenses required for video integration



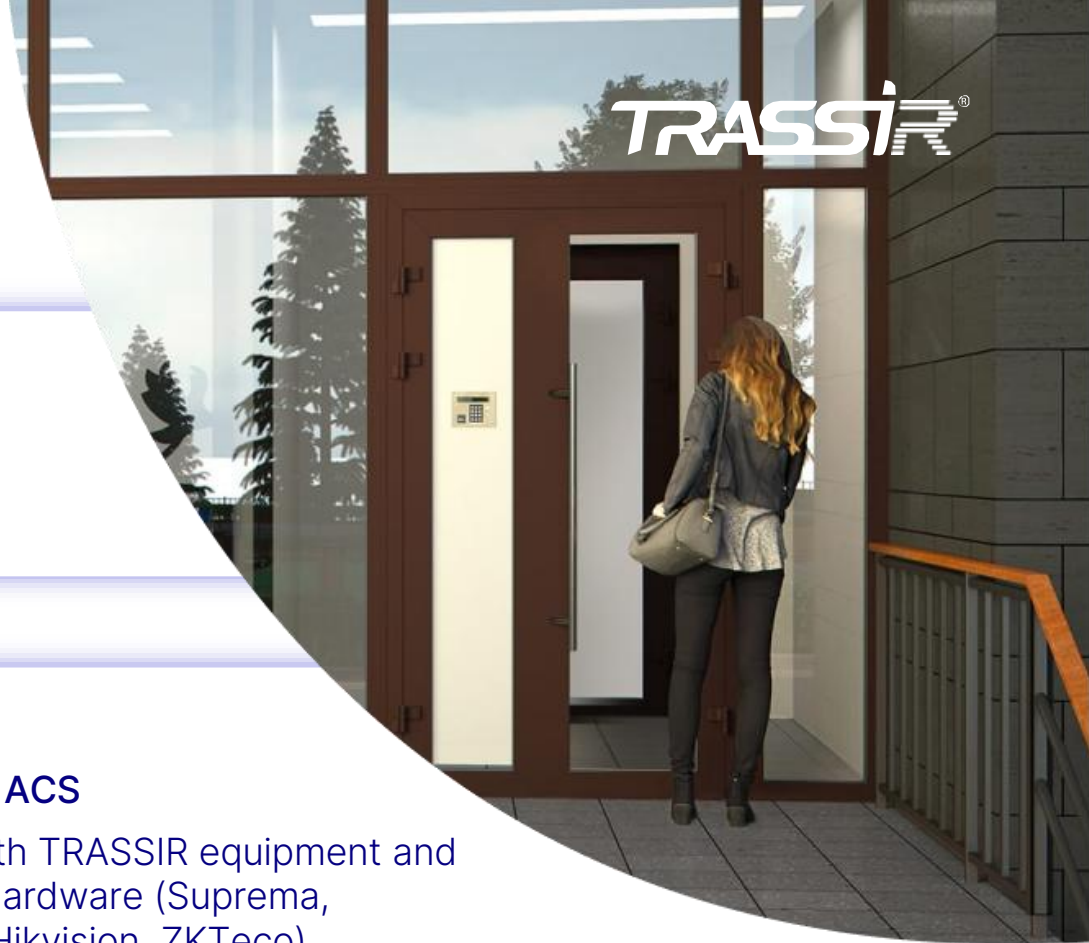
### Multivendor ACS

Operates with TRASSIR equipment and third-party hardware (Suprema, Honeywell, Hikvision, ZKTeco)



### Client-tailored configuration

Rules, scripts, and open API – all for adapting the system to specific business needs



# Entrance security

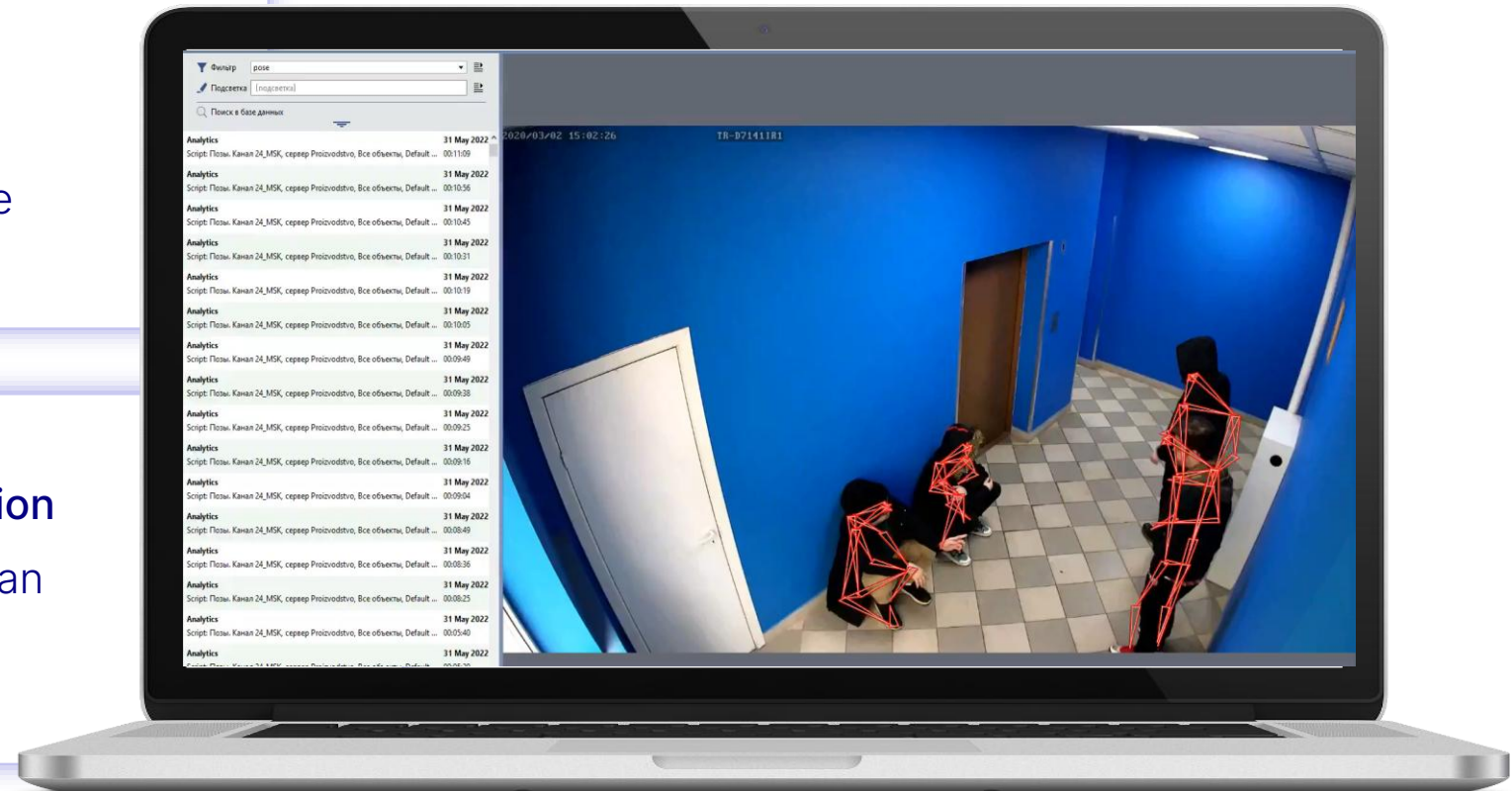
## Issues

- **Unauthorized individuals in premises:** intrusion by homeless, intoxicated people, drug users, and other trespassers
- **Resident assistance:** rapid response to falls and other incidents

## Solution

### Automatic hazardous situation detection

System identifies prone or seated human postures and instantly alerts security personnel







**TRASSI®**

**Solutions for parking  
automation**

# Accurate and reliable license plate recognition module

**98%** recognition completeness

**98%** recognition accuracy

## Operates even under challenging conditions

- In low-light environments
- With soiled license plates

## Adjustable tolerance for recognizing heavily obscured plates

## Solution flexibility

enhance the security and make 2FA with Radio-Frequency Identification readers (RFID)

Based on an integration with ZKTeco UHF readers: UR10R, UR20RW, UHF5 Pro, UHF10 Pro



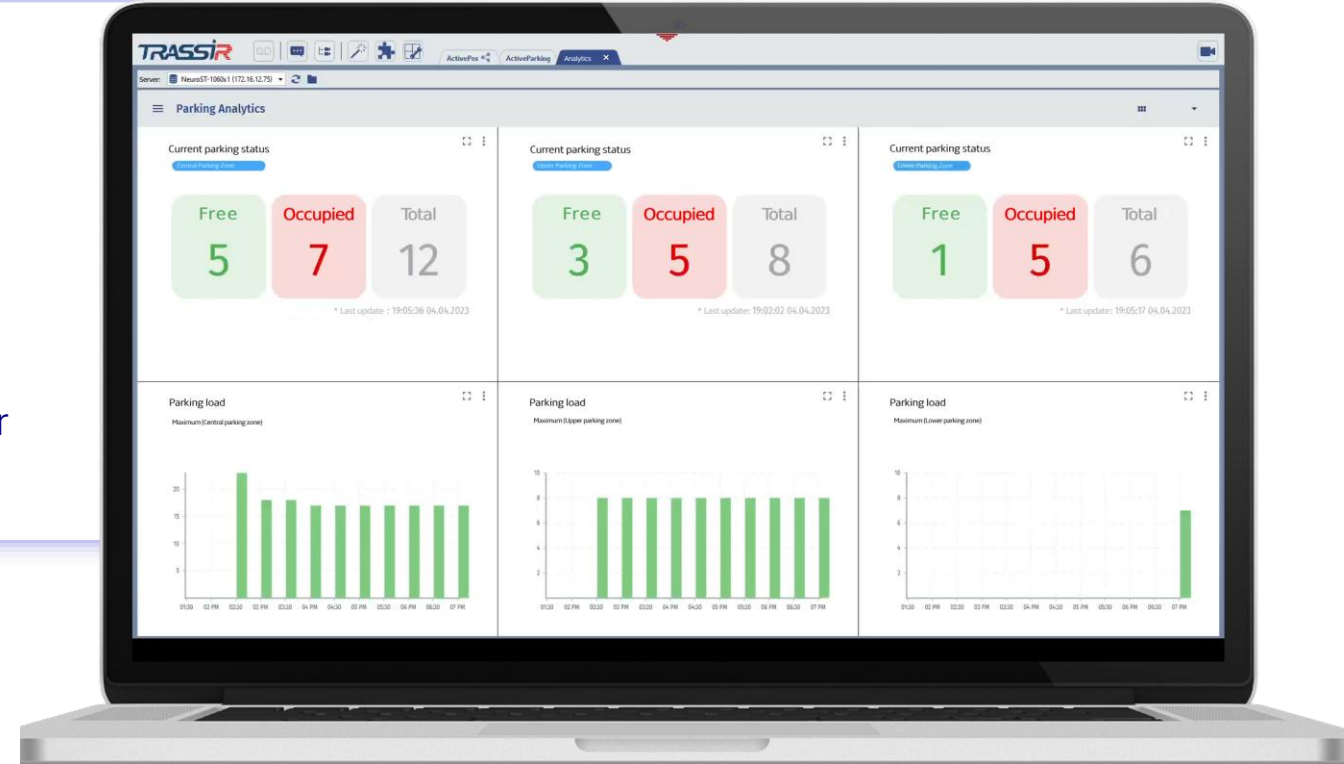
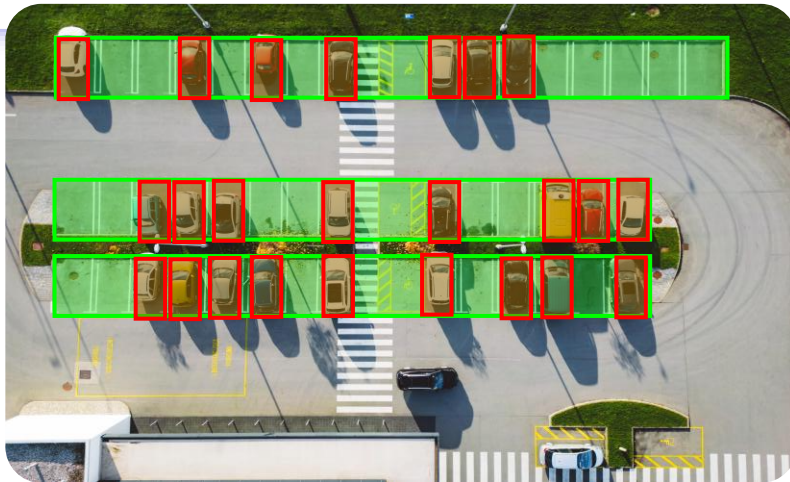


# Open parking management



## Parking space availability monitoring module Parking Analytics

- Tracks count of available and occupied spaces
- Displays available space locations to users
- Operates via third-party mobile applications for user convenience







# Solutions for perimeter security



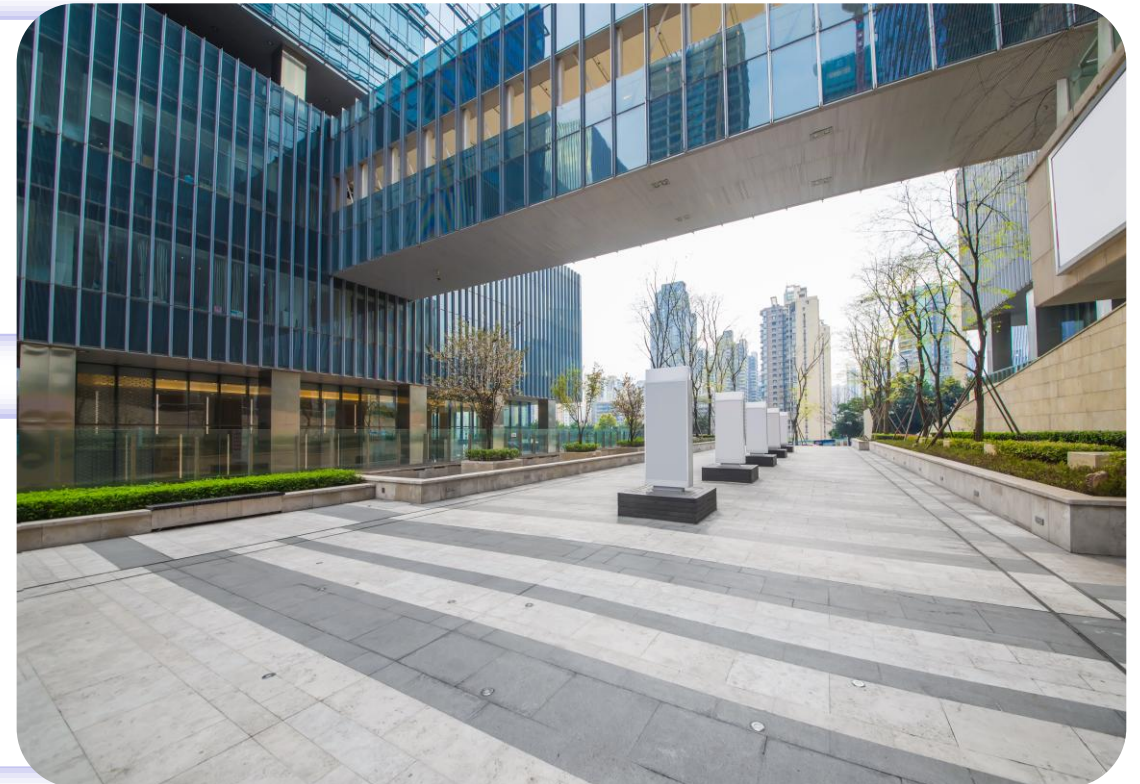
# Video analytics for grounds: smart control and security

## Access control to designated zones

- Monitoring access to technical areas, rooftops, lawns, and other restricted territories
- System alerts about intrusions into restricted areas

## Incident search by events

- Rapid retrieval by key events (motion, boundary crossing, human/vehicle detection)
- Swift incident investigation – locate critical moments in minutes, not hours!

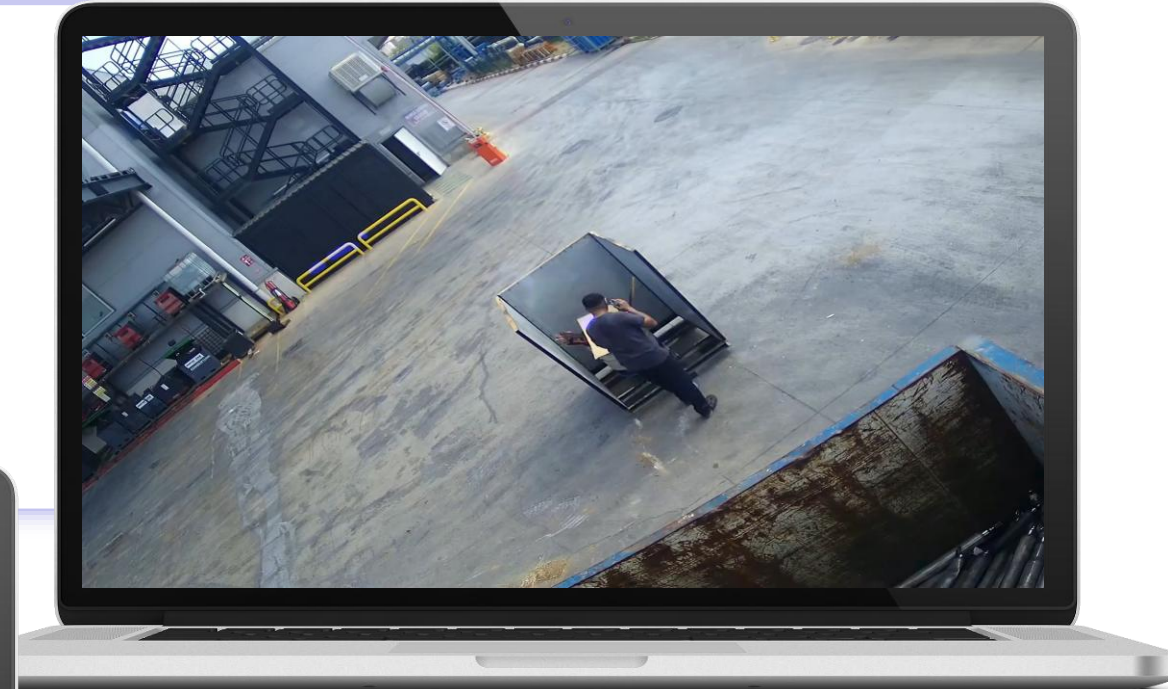
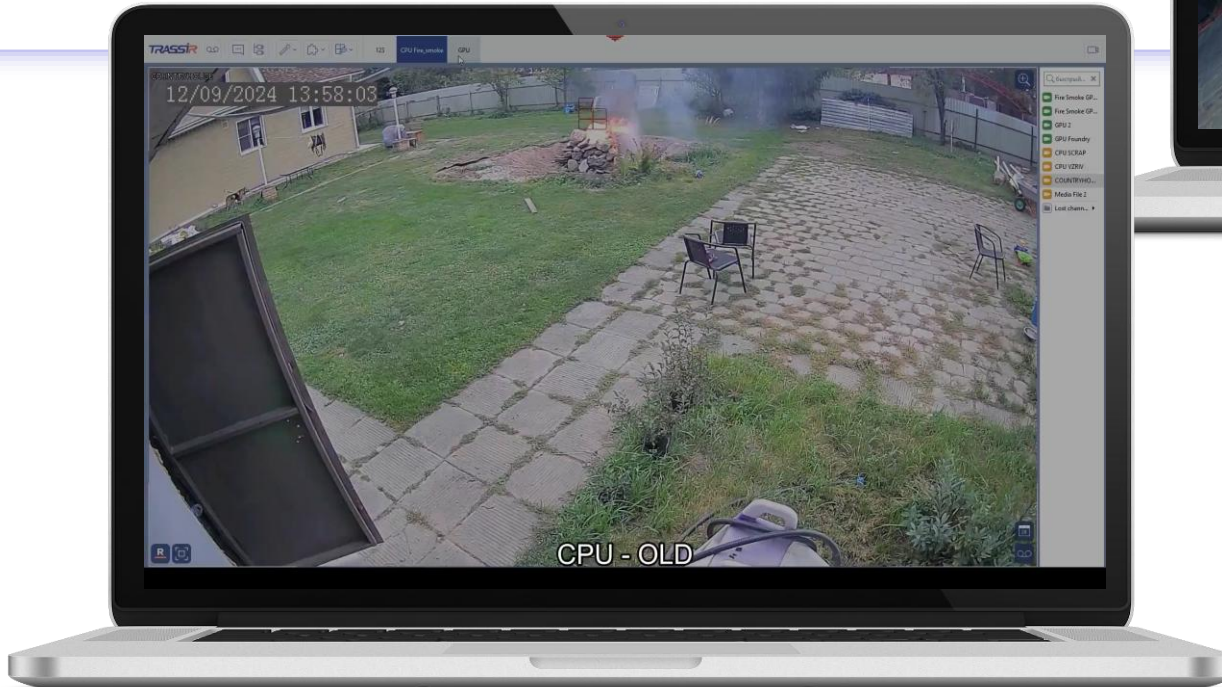


# Fire and Smoke Detection



## Neural Network Fire and Smoke Detector

- **Early detection** of fire and smoke for rapid response and damage prevention







# Integrations with other systems

# Integrations with 3rd party systems: ACS, fire and alarm, SIP intercom



Core advantages of the unified management and monitoring system

- Based on TRASSIR VMS, you can create a security center that includes third-party IT security products.

## ACS



## Fire Security Systems



## Other systems





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