TRASSIR®

TRASSIR VMS

TRASSIR - a reliable partner

SINCE 2002

Experience in CCTV surveillance

15 000+

loyal customers around the globe

1000+

qualified employees

50

countries with TRASSIR installations



Start working with TRASSIR VMS in 5 minutes

TRASSIR VMS

consists of two programs:

TRASSIR Client

User interface software

TRASSIR Server

Video archive recording software

1. Install TRASSIR Server on the device where the video archive will be recorded (server or PC)
2. Install TRASSIR Client on the PC
3. Configure the system in TRASSIR Client: connect the video surveillance servers in TRASSIR Client, and connect the cameras to the servers where TRASSIR Server is installed
4. The system is ready for use

TRASSIR works with 99% of all cameras and servers on the market

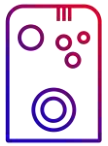
Major camera brands are connected via native (simplified) integration.
Other cameras are connected via ONVIF or RTSP

TRASSIR Server for archive recording is installed on any video surveillance server and some nonPC recorders

Surveillance is conducted through any camera, including:


PTZ camera


Thermal camera


PVR


Fish-eye

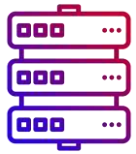

Camera with microphone



Camera with SD card

For a list of natively integrated cameras, please check with your manager

Choose any device to record a video archive


Video Surveillance Servers**

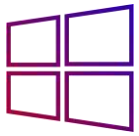

Personal computer**


NonPC recorders*

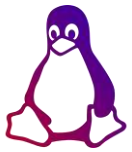
* Supported brands

** Supported OS required

TRASSIR runs on all major operating systems



Windows (x64)



Linux
(CentOS, Debian)



Web interface accessible from a browser

TRASSIR OS Linux-based



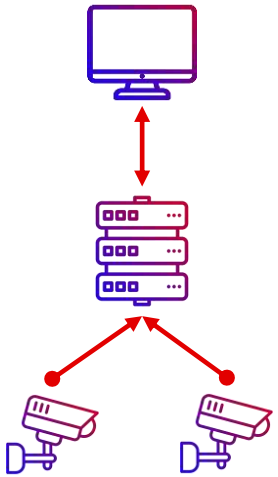
Mobile version on
iOs and Android

TRASSIR VMS is suitable for video surveillance systems of any complexity

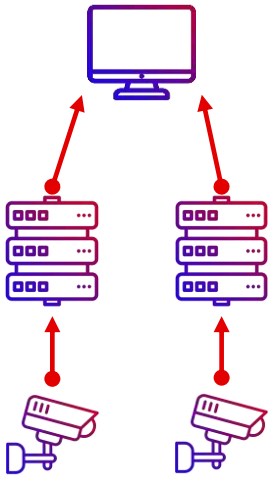
It can be used both in single-camera facilities, as well as in distributed systems,
whether it one camera or hundreds of thousands of cameras

In TRASSIR VMS you can create a video surveillance system of any architecture

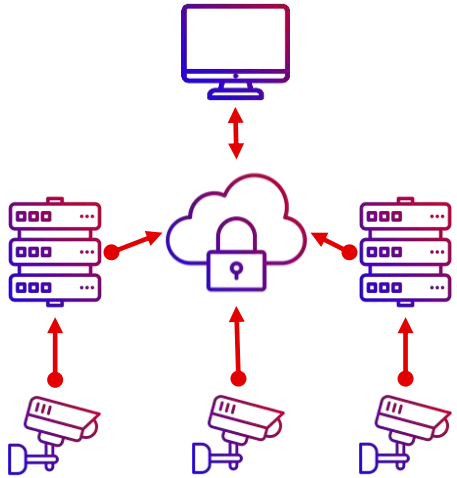
LOCAL SYSTEMS



LOCAL SYSTEM INTERCONNECTION



TIERED SYSTEM WITH PRIVATE CLOUD

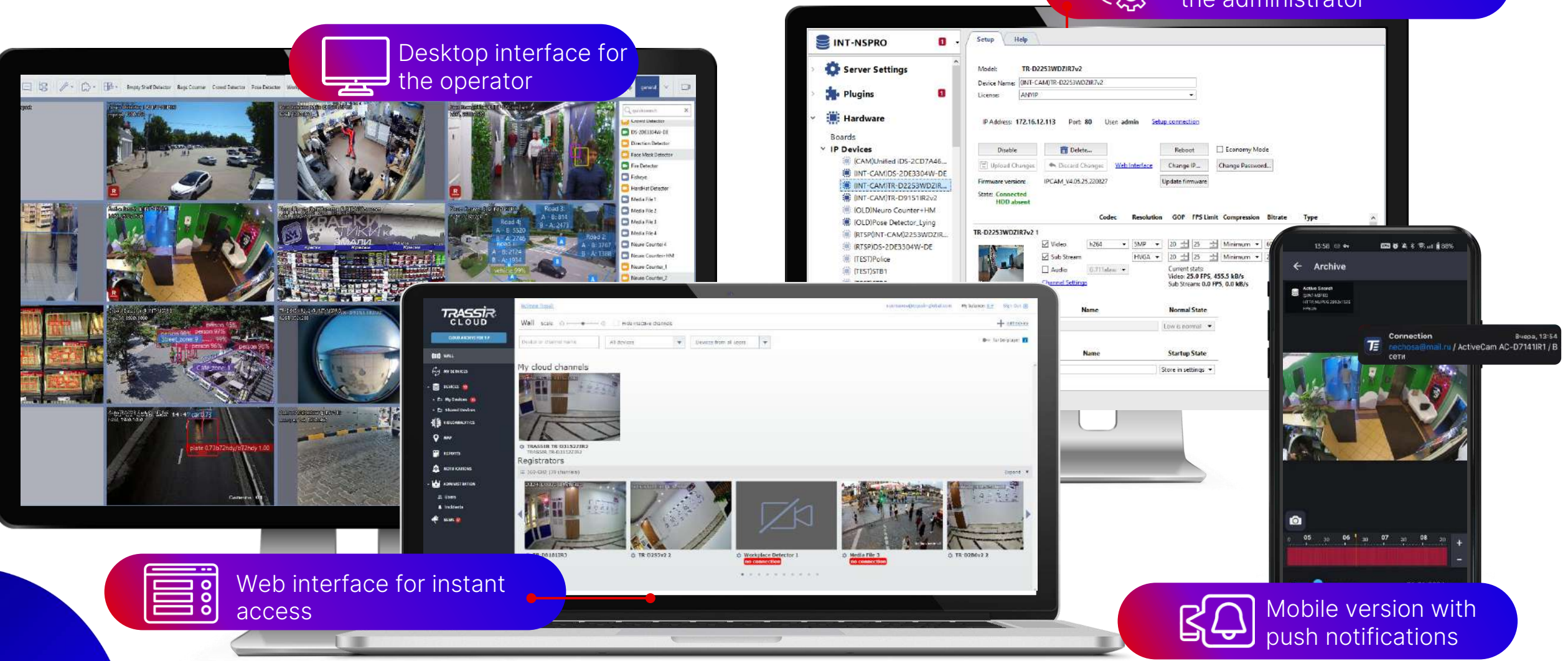


TRASSIR VMS

has interfaces for all tasks

Limitless customization for the administrator

Desktop interface for the operator



Web interface for instant access

Mobile version with push notifications

TRASSIR VMS

combines everything you need for site security in one window

- Video surveillance
- Video Archive
- Situation center and maps
- System status monitoring
- User management
- Integration with ACS, Fire Security Systems, and other systems
- Functionality for large customers
- API, automation customization
- Video analytics

Video surveillance

- The interface can be mastered in 10 minutes
- Video wall with a large number of monitors
- Flexible template management for all users
- Colors, contrast, image size and more are customizable
- You can define black areas where the image will not be displayed



Manage video surveillance via:

Interface

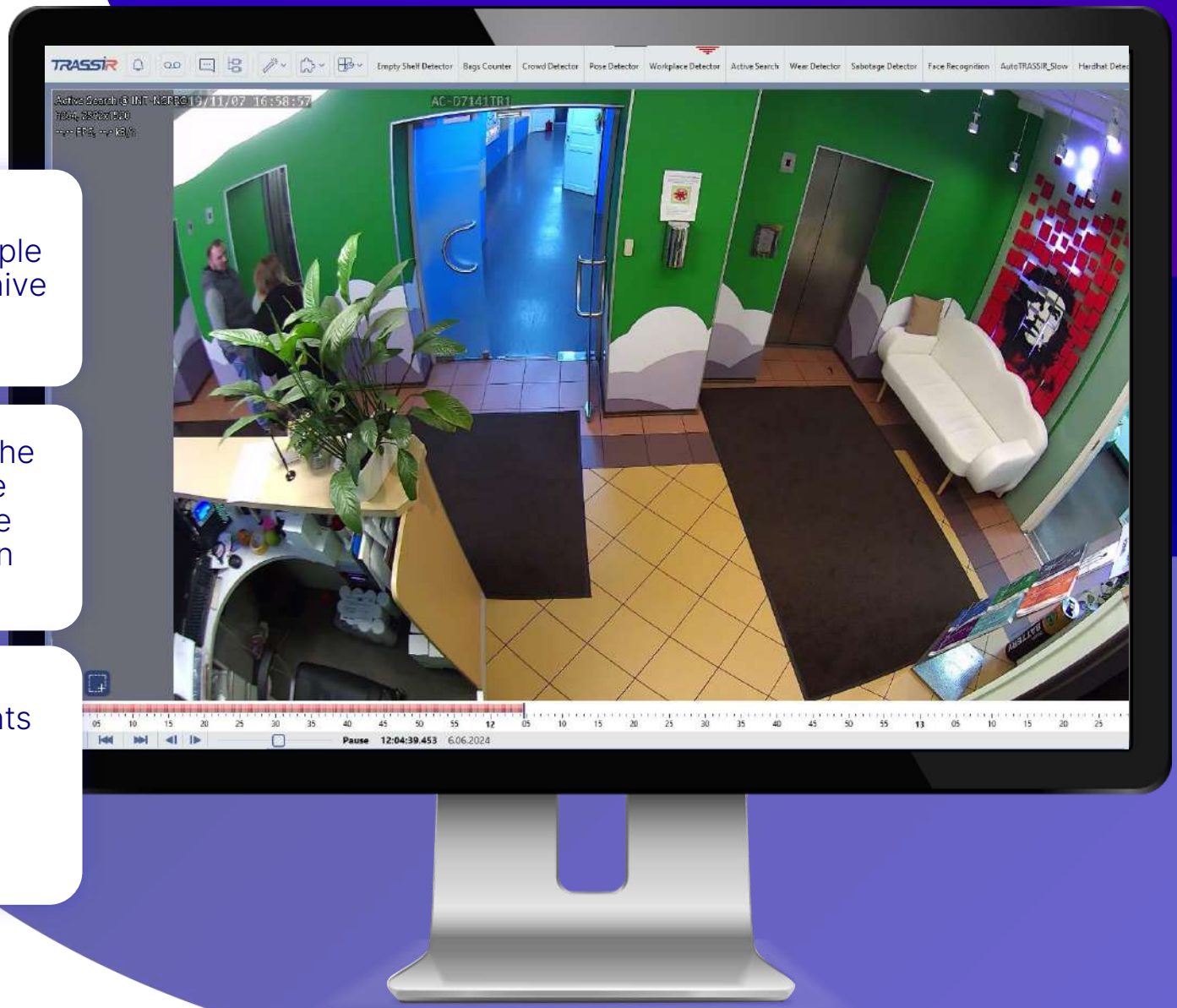
Specialty keyboards

CTRL + SHIFT + Z

TRASSIR Hotkeys

Video Archive

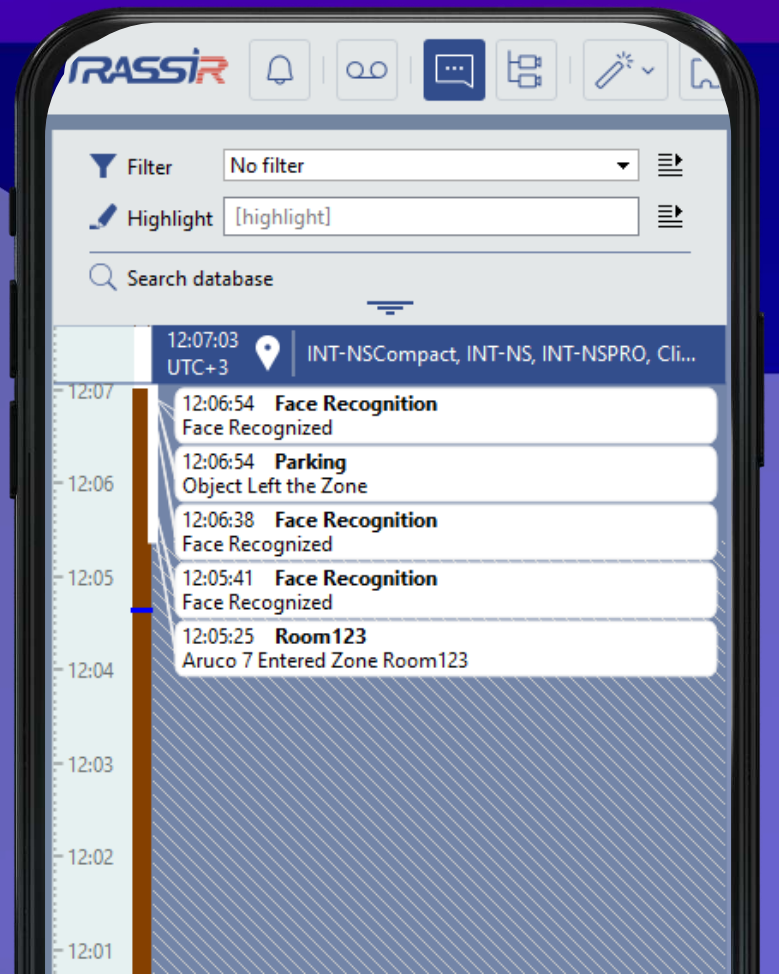
- Protected by end-to-end encryption against tampering
- The upload is available in a couple of clicks, the archive is in .avi format
- The volume can be reduced by enabling the motion recording function
- When viewed in the feed, you can see areas where there was movement on the camera
- You can enable fast rewind, jump to the desired area of the video with the slider or through the calendar
- A search is available for events that are recorded by the detectors



Video Archive

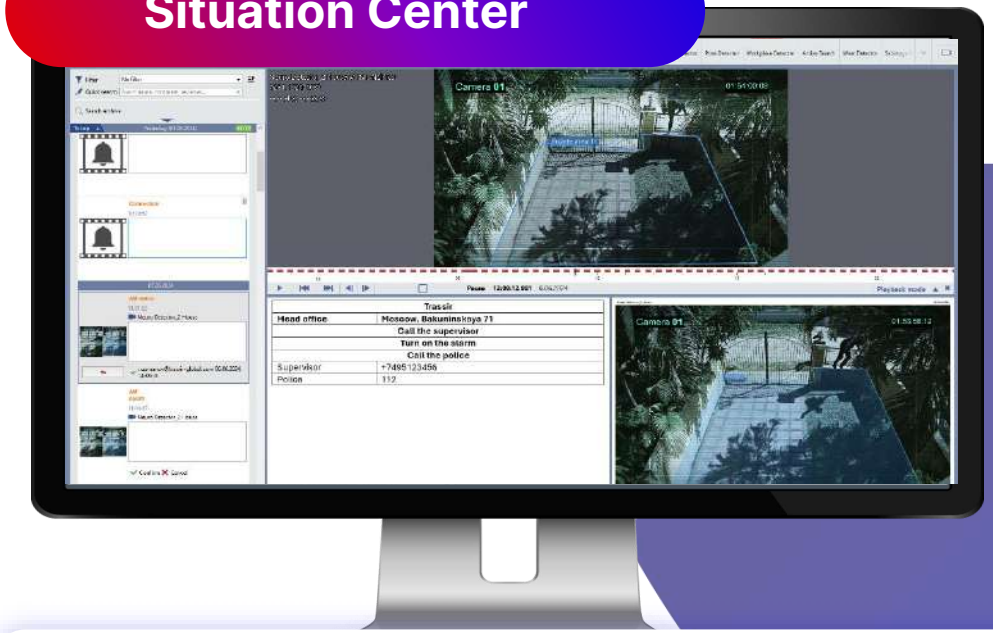
You can search the archive by event:

- Motion detection
- Speed detection
- Direction detection
- By time
- By size objects
- By faces
- By license plate number
- By defined events



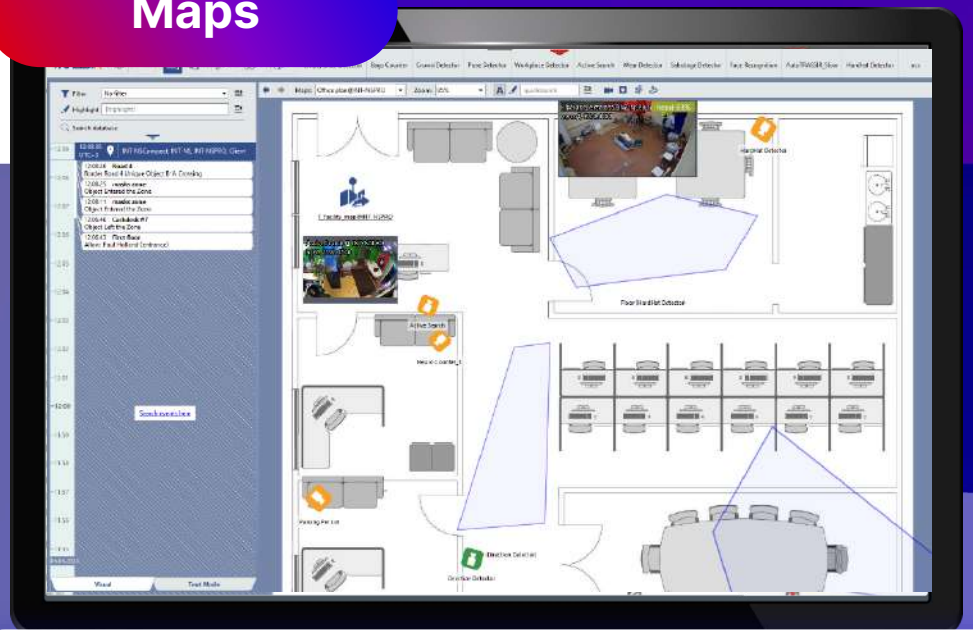
Situation center and maps

Situation Center



- Configure TRASSIR to display an alarm to the operator when an event you specify occurs.
- The alarm is displayed to the operator instantly and needs to be acknowledged or canceled.
- Alarms can be sent to the VMS interface, as a push notification to your phone, as an SMS or as a telegram notification.

Maps

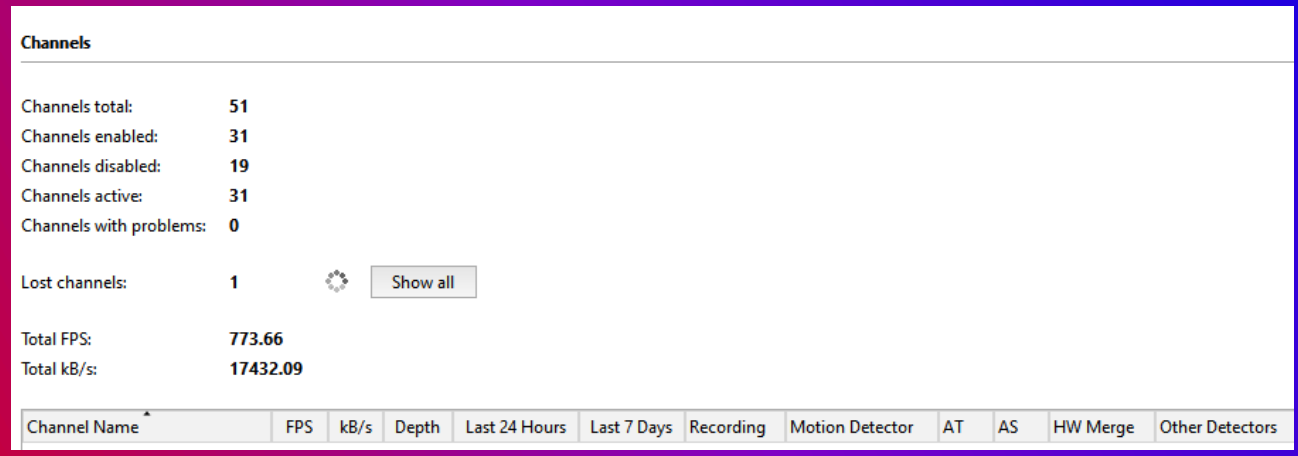


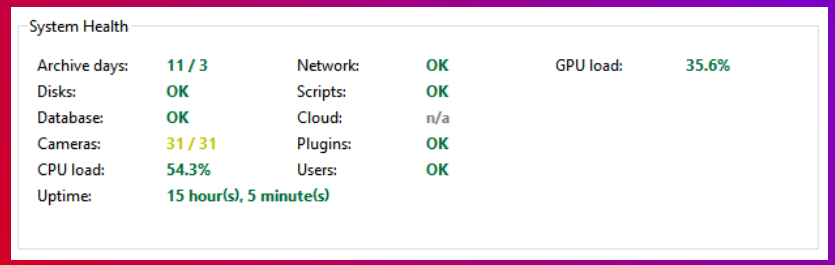
- Use maps to instantly navigate the operator to the desired areas.
- You can use maps to navigate to the desired camera view.
- Any devices integrated in the VMS can be displayed on maps and controlled via maps. For example, you can open a door.

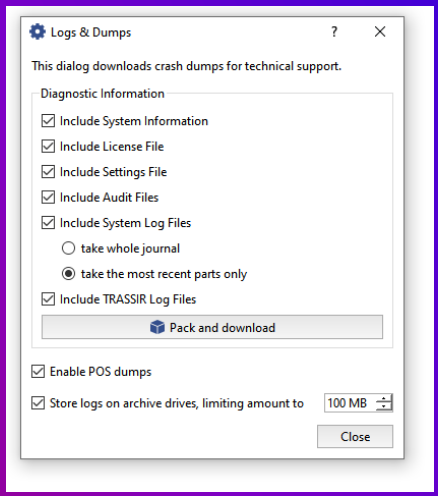
Monitoring of the video surveillance system

TRASSIR VMS provides detailed data on the status of all equipment

A detailed history of equipment status is stored, allowing you to quickly identify technical problems.



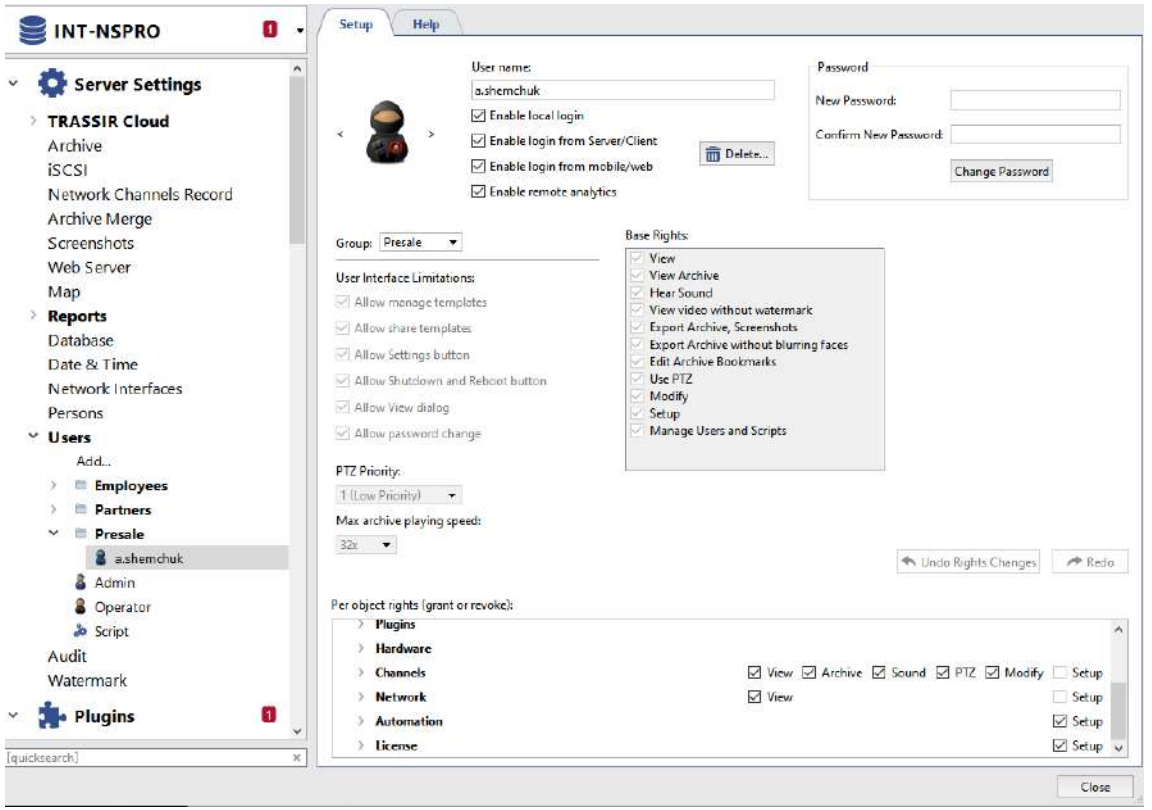




User management

- An unlimited number of users can be created in TRASSIR.
- A user can be given an individual set of rights. You can also create roles with a set of rights and assign roles to users.
- Users can be grouped into groups for easy management.
- User actions are recorded and can be viewed in the interface

User management



Recording user actions

2024-06-06T09:05:04.794+03:00	LocalLog (EAab0yi3)	37.204.150.211	LOGIN/SUCCESS	"p.gavrilenko Trassir-3.0"
2024-06-06T09:05:08.387+03:00	p.gavrilenko (Script)	37.204.150.211	LPR/SEARCH	"plate: ; time: any; filter: empty"
2024-06-06T09:05:09.540+03:00	p.gavrilenko (Admin)	37.204.150.211	ARCHIVE/PLAYER-OPEN	"channel:/GfHaGlql/channels/JL
2024-06-06T10:00:00.082+03:00	LocalLog (admin)	local	SETTINGS/SET	"/GfHaGlql/channels/XYMqXjJ3/
2024-06-06T10:00:00.082+03:00	LocalLog (admin)	local	SETTINGS/SET	"/GfHaGlql/channels/JLSco0A6/

Integration with ACS, Fire Security Systems and other systems



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



Third-party solutions can be monitored and/or managed from the TRASSIR interface.



This reduces the number of errors and increases the convenience of working with the security system.



TRASSIR automation allows you to link integrated software with TRASSIR functions. In this way, you can create unique automatic algorithms of security system operation.

ACS

TRASSIR СКУД

HIKVISION

SIGUR

Honeywell

Fire Security Systems

PARADOX SECURITY SYSTEMS

BOSCH

Other systems

netping — NetPing devices

T Fortis — Switches

spica — Employee accounting system

TRASSIR — Any SIP intercom

Integration with ACS, Fire Security Systems and other systems

Integration scenarios



Opening the barriers by license plate number



Passing through the turnstile by facial recognition



Searching the archive by events from ACS and ASCS



Two-factor identification by facial recognition and badges



Camera output to the alarm monitor by sensor event



Management of ACS devices via TRASSIR interface



Health monitoring of all devices in one system



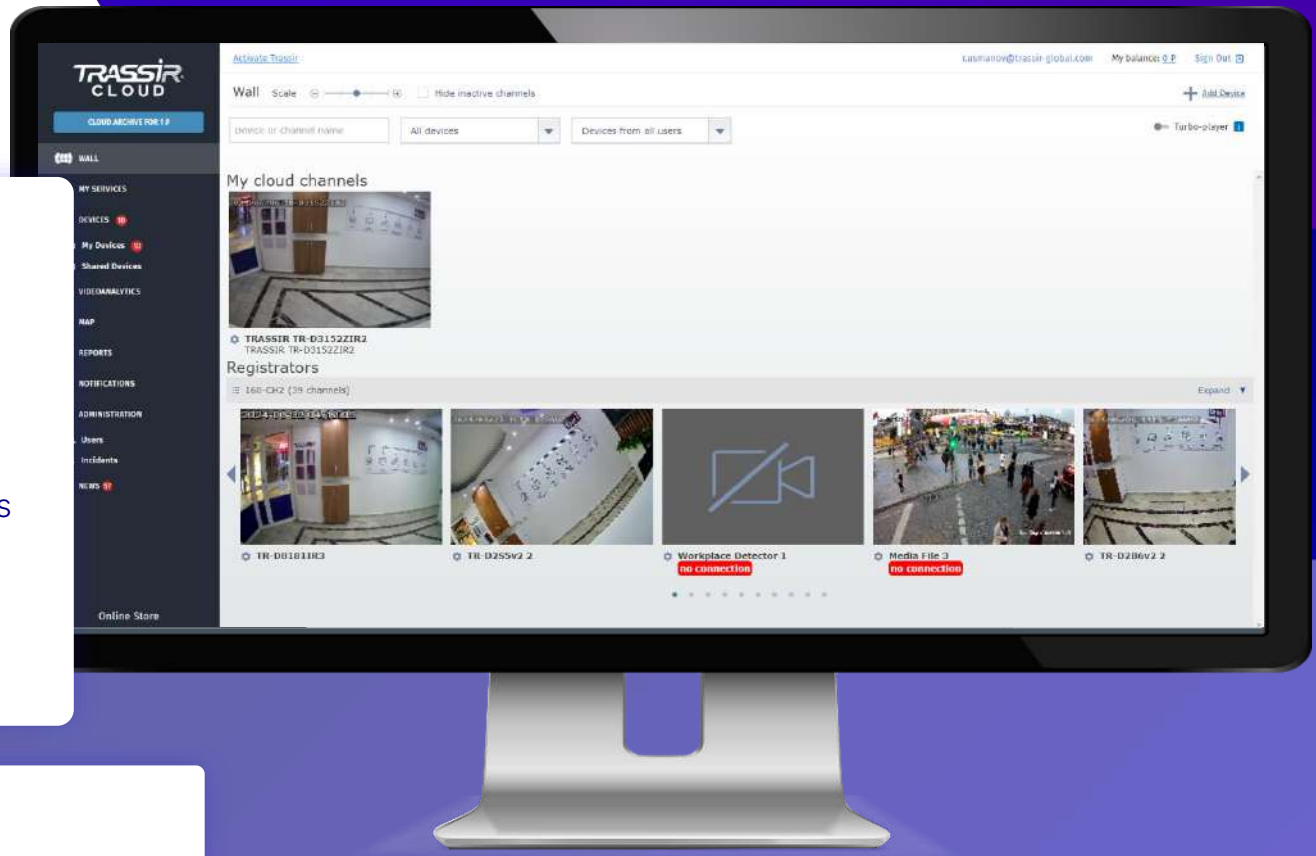
Receiving calls from SIP intercom

Functionality for large customers

Additional products have been developed to handle large systems:

Central Monitoring Station* - private cloud for video surveillance systems interconnection

- Web interface and mobile version for the local network
- Unified LDAP user management
- Centralized server upgrade and management
- Solving the problem of narrow Internet channels
- Centralized system monitoring and reports
- Connection of any number of servers and cameras



License Manager* - Software for centralized license management

- Redistribute TRASSIR licenses without contacting tech support
- The video surveillance system can be completely localized, and no Guardant keys are required

* Additional equipment is required for product operation, please check with your manager

API, automation and customization

TRASSIR VMS - a program with unique customization capabilities



API

Customize receiving any data from TRASSIR



SCRIPTS

Independently create any VMS rules in Python

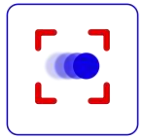


CUSTOMIZATION

On a fee basis, we can customize the VMS to meet your needs

Video analytics

Built-in video analytics


Motion detector

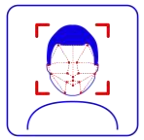

Sabotage detector


Sound detector


Heat map


Line Crossing Detector

Additional modules


Face recognition


License plate recognition


Recognizing objects (people, vehicles, animals, etc.)


Face mask detector


Pose Detector


Neuro Counter


ActivePOS


Queue Detector


Crowd Detector


Work Place Detector

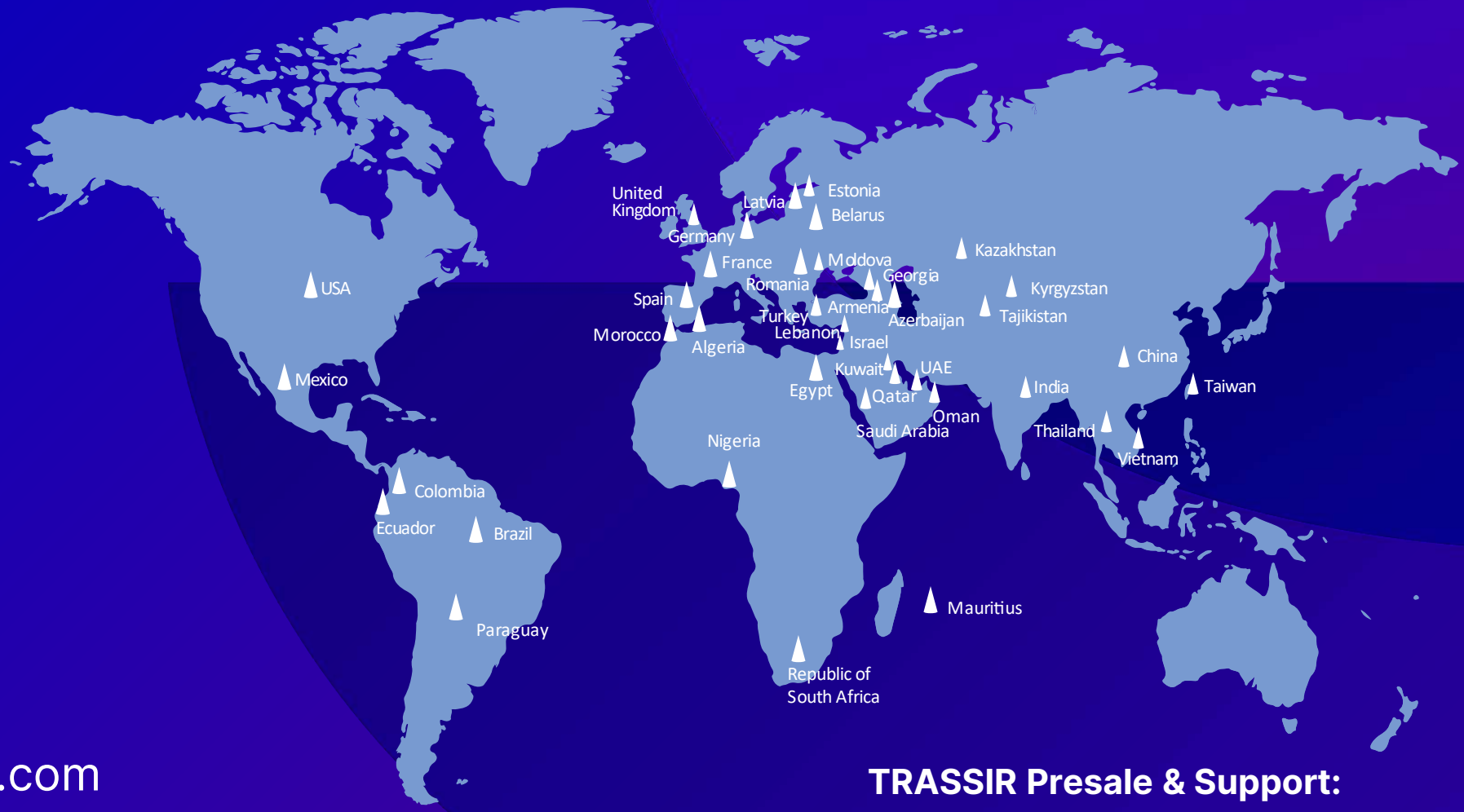

Left Object Detector

VMS core licenses

TRASSIR VMS functionality is available with channel licenses	AnyIP INT	AnyIP PRO INT	Enterprise IP INT	AnyIP win64 INT	AnyIP PRO win64 INT	Enterprise IP win64 INT
Connecting one camera	+	+	+	+	+	+
TRASSIR VMS installation on TRASSIR OS-based servers	+	+	+	-	-	-
Installing TRASSIR VMS on a Windows-based servers	-	-	-	+	+	+
TRASSIR VMS: video surveillance, video wall, video archive, situation center, maps, system monitoring, user management, API, scripts, etc.	+	+	+	+	+	+
Web interface and mobile version (when connected to TRASSIR Cloud)	+	+	+	+	+	+
Built-in detectors: line crossing, motion, sound, heat map, sabotage	+	+	+	+	+	+
TRASSIR CMS: private cloud functionality; local web-interface; unified user management, LDAP; solve the problem of low-bandwidth Internet channels; centralized monitoring and reports; connect any number of servers and cameras; etc.	-	+	+	-	+	+
TRASSIR License Manager: centralized license management	-	-	+	-	-	+
TRASSIR VMS installation on Linux-based servers (CentOS, Astra Linux)	-	-	+	-	-	+
Connect PTZ cameras, FishEye cameras, thermal imaging cameras	P	P	P	P	P	P
Neuro Detector - detects people on video with very high accuracy, generates an alarm, and sends out an alert when someone enters a specified area	P	P	P	-	-	-
NetPing and Intercom integration	P	P	P	P	P	P
Analytics HW - software for setting up hardware video analytics (line intersection detector and abandoned object detector) built into video cameras	P	P	P	P	P	P

P – stands for PROMO, all features marked P are included at no additional cost in any single core license.

TRASSIR



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