



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

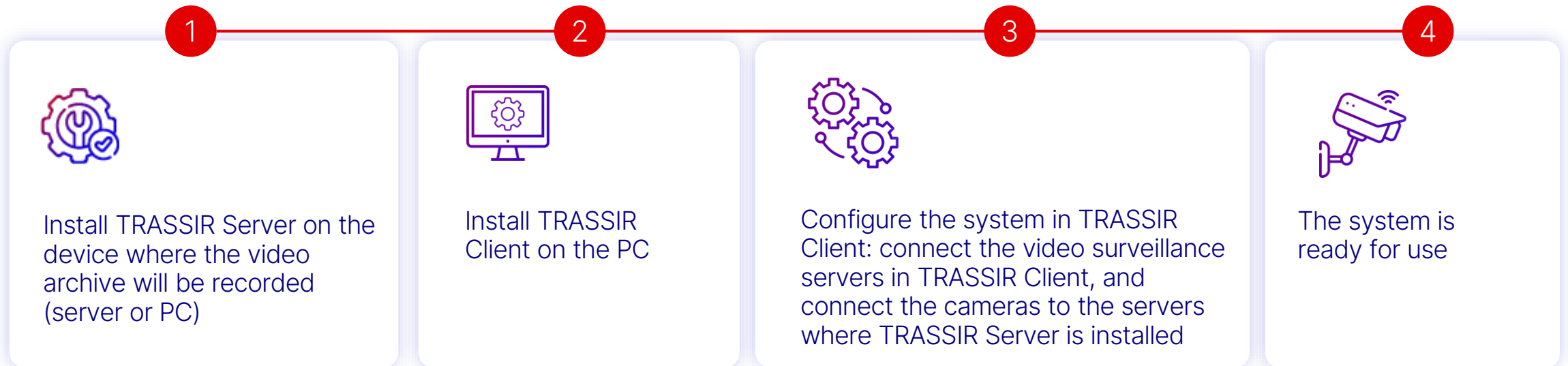
consists of two programs:



TRASSIR Client
User interface software



TRASSIR Server
Video archive recording software



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*

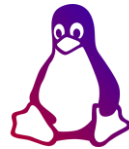
* Supported brands

** 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



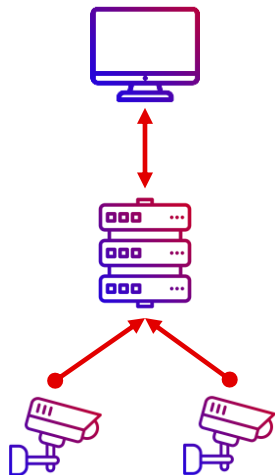
Mobile version on
iOS and Android

TRASSIR VMS is suitable for video surveillance systems of any complexity

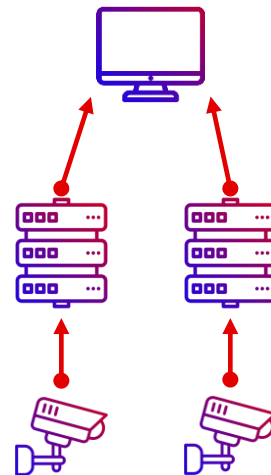
It can be used both in single-camera facilities, as well as in distributed systems, whether it one camera or hundreds of thousands of cameras

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

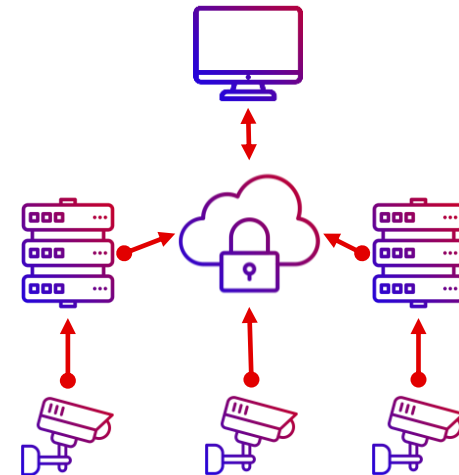
LOCAL SYSTEMS



LOCAL SYSTEM INTERCONNECTION





TIERED SYSTEM WITH PRIVATE CLOUD

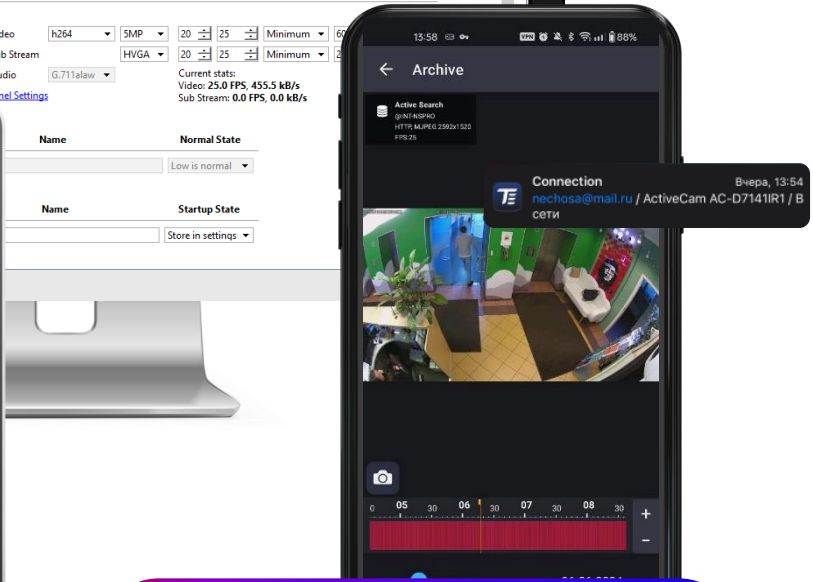
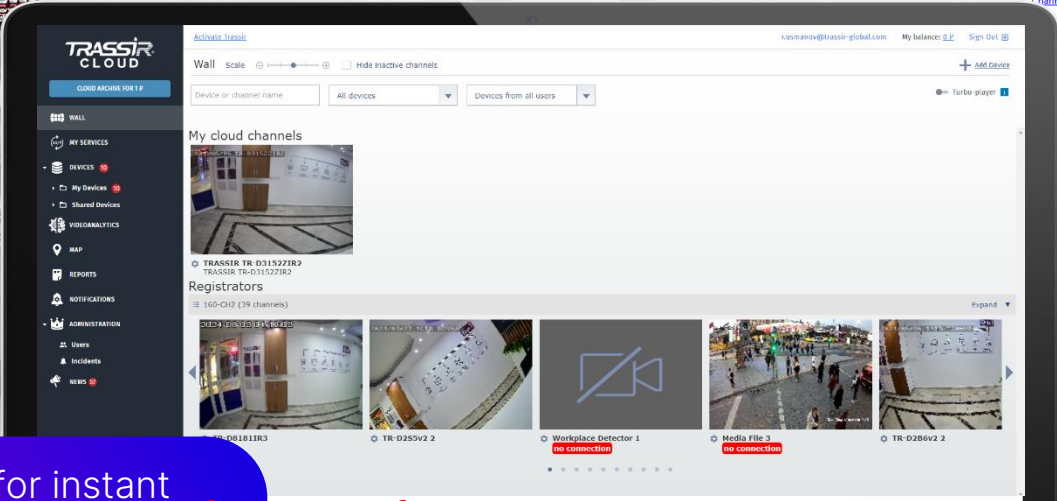
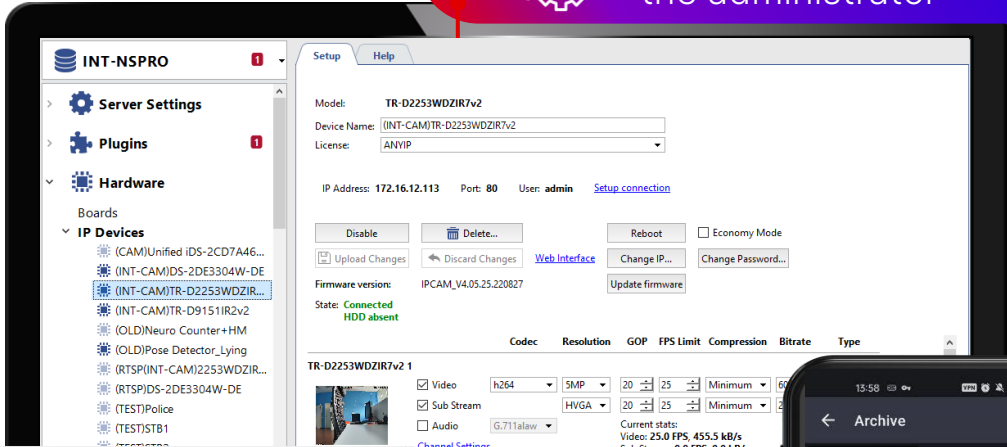
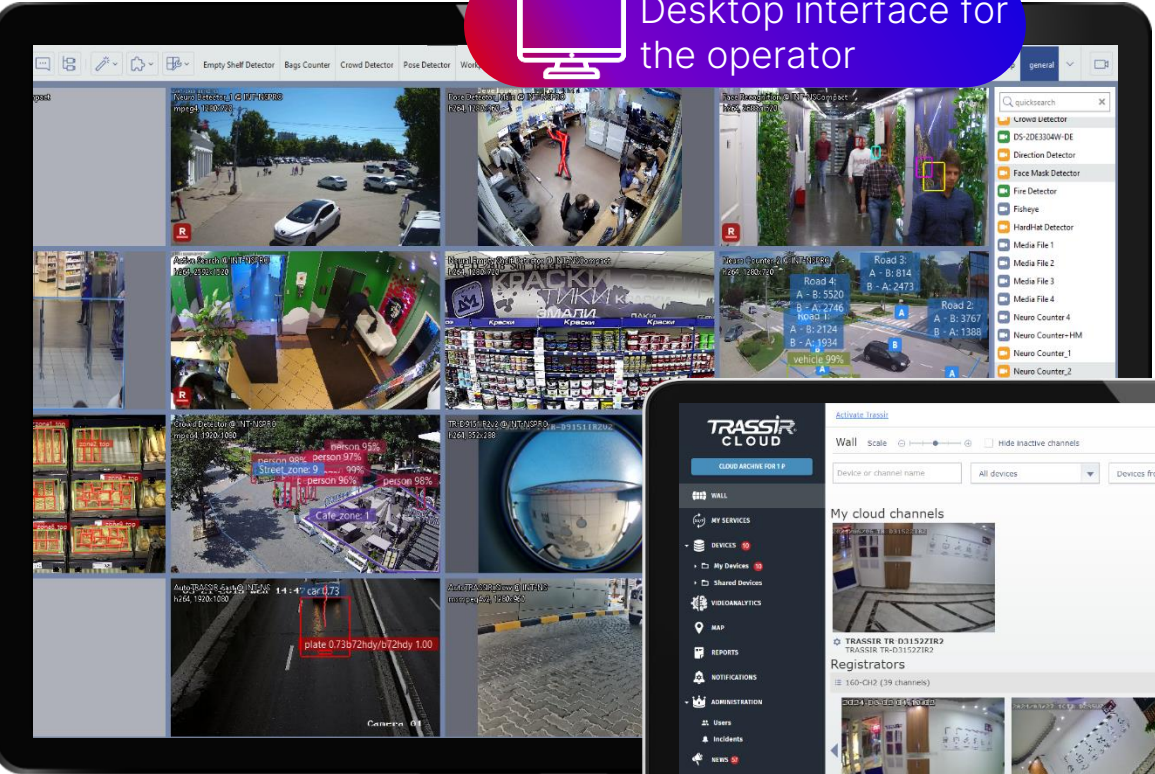


TRASSIR VMS


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



TRASSIR Hotkeys

Video Archive

✓ Protected by end-to-end encryption against tampering

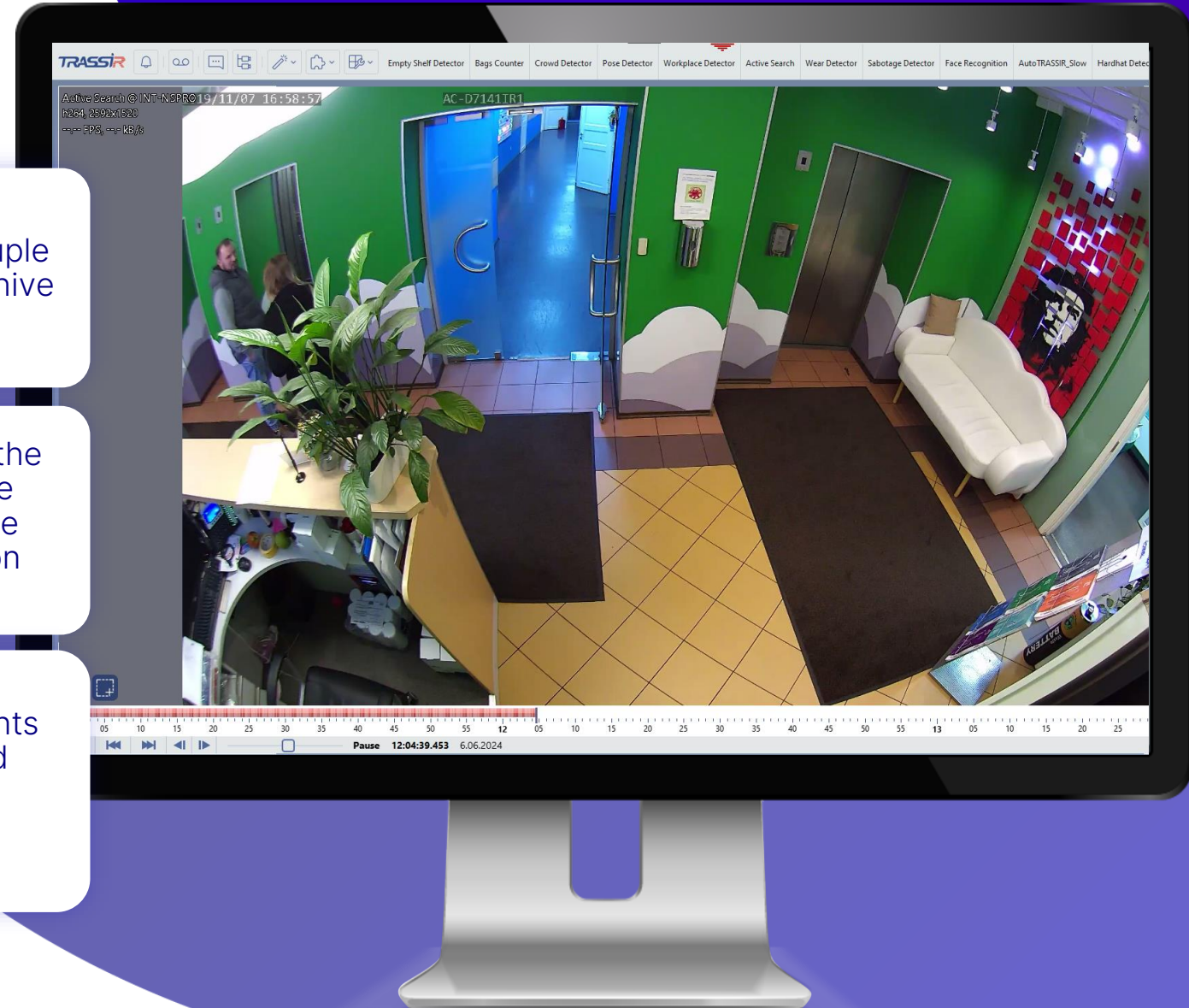
✓ The upload is available in a couple of clicks, the archive is in .avi format

✓ 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



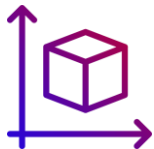
Speed
detection



Direction
detection



By time



By size
objects



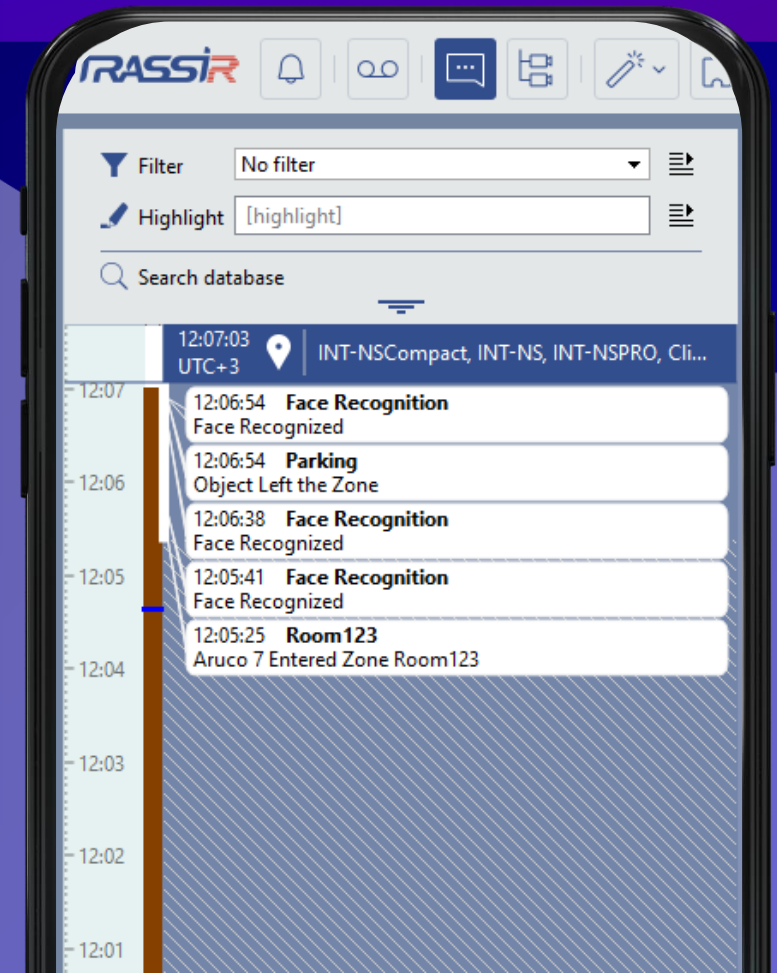
By faces



By license plate
number

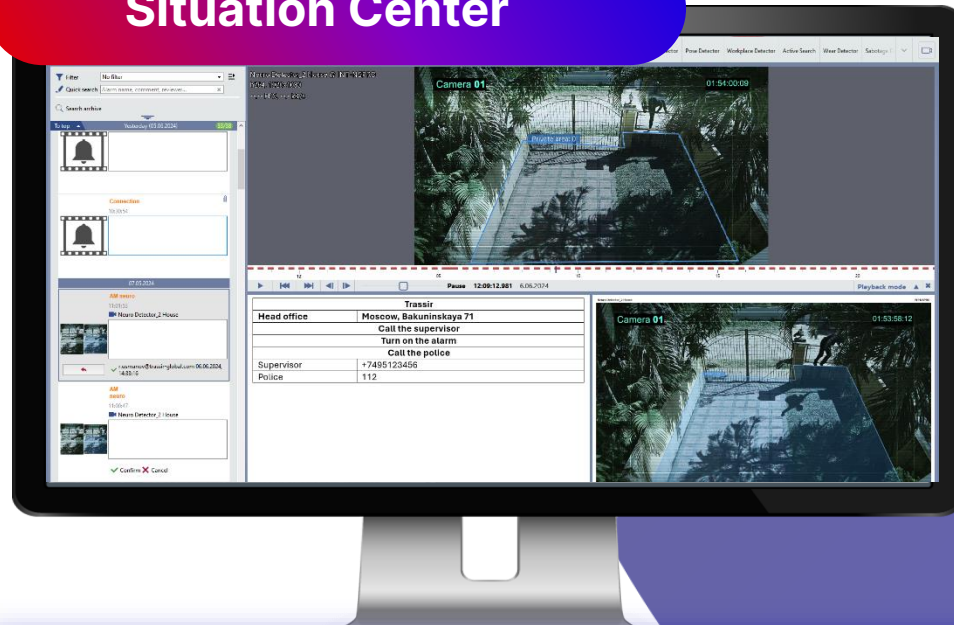


By defined
events

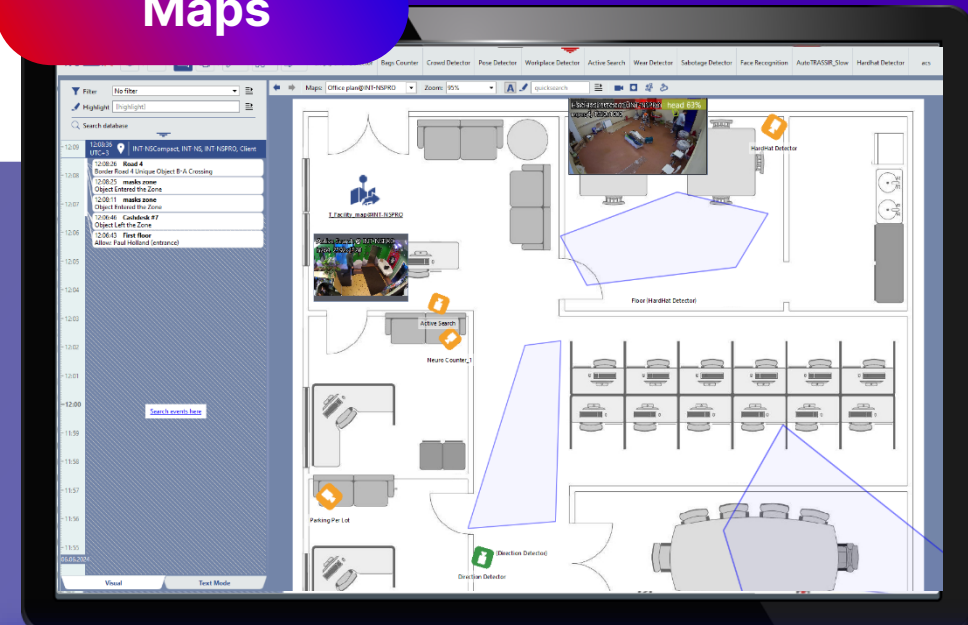


Situation center and maps

Situation Center



Maps



- ✓ 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.

- ✓ 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.

Channels

Channels total: 51
Channels enabled: 31
Channels disabled: 19
Channels active: 31
Channels with problems: 0

Lost channels: 1 [Show all](#)

Total FPS: 773.66
Total kB/s: 17432.09

Channel Name	FPS	kB/s	Depth	Last 24 Hours	Last 7 Days	Recording	Motion Detector	AT	AS	HW Merge	Other Detectors
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System Health

Archive days:	11 / 3	Network:	OK	GPU load:	35.6%
Disks:	OK	Scripts:	OK		
Database:	OK	Cloud:	n/a		
Cameras:	31 / 31	Plugins:	OK		
CPU load:	54.3%	Users:	OK		
Uptime:	15 hour(s), 5 minute(s)				

Logs & Dumps

This dialog downloads crash dumps for technical support.

Diagnostic Information

- Include System Information
- Include License File
- Include Settings File
- Include Audit Files
- Include System Log Files
- take whole journal
- take the most recent parts only
- Include TRASSIR Log Files

[Pack and download](#)

Enable POS dumps

Store logs on archive drives, limiting amount to

[Close](#)

User management

User management



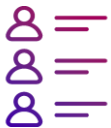
An unlimited number of users can be created in TRASSIR.



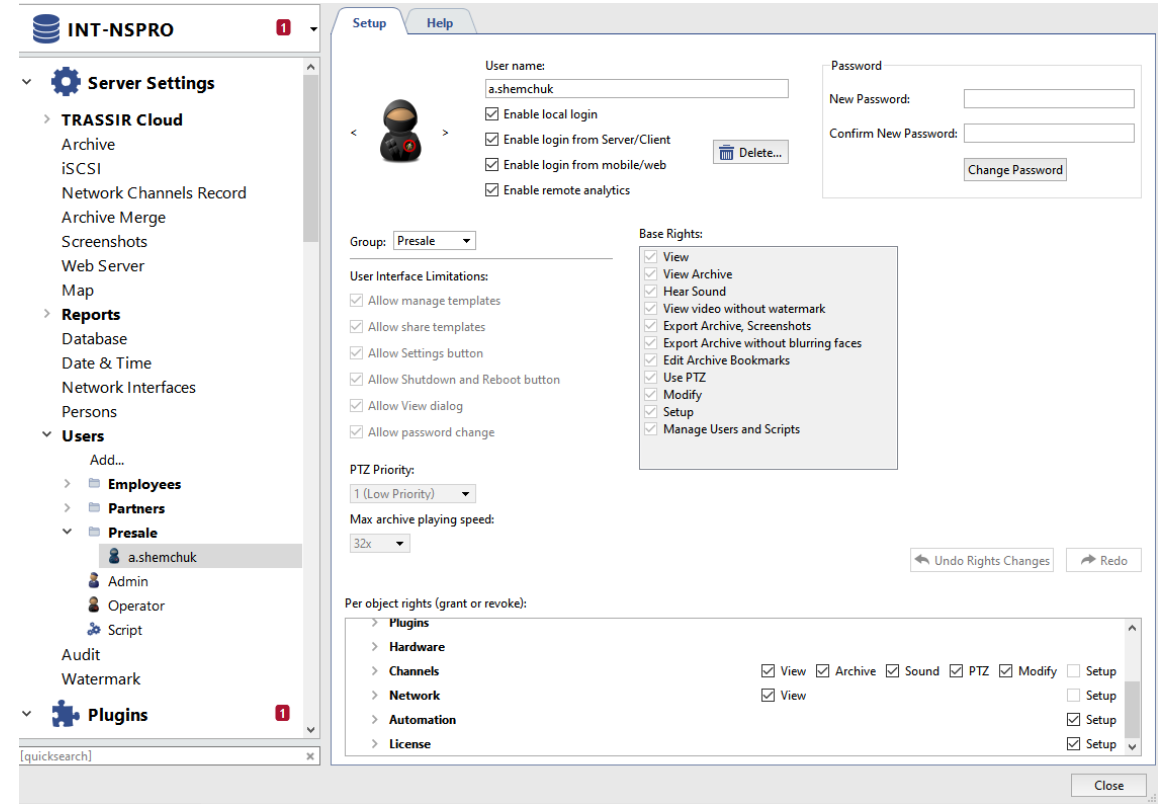
A user can be given an individual set of rights. You can also create roles with a set of rights and assign roles to users.



Users can be grouped into groups for easy management.



User actions are recorded and can be viewed in the interface



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:/GfHaGlqI/channels/JL"
2024-06-06T10:00:00.082+03:00	LocalLog (admin)	local	SETTINGS/SET	"/GfHaGlqI/channels/XYMqXjJ3/"
2024-06-06T10:00:00.082+03:00	LocalLog (admin)	local	SETTINGS/SET	"/GfHaGlqI/channels/JLsc0A6/;"

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



Fire Security Systems



Other systems



NetPing devices



Switches



Employee accounting system



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

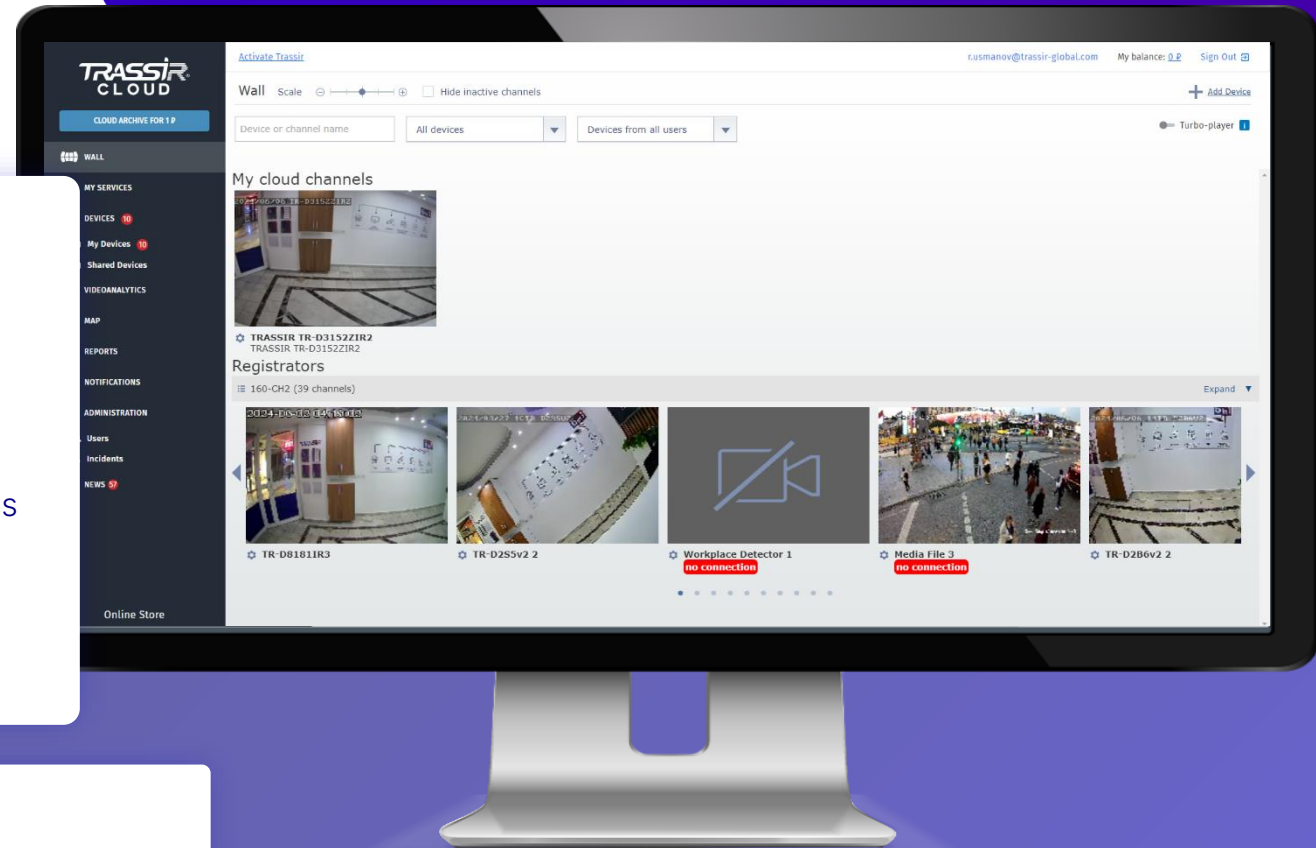
Additional products have been developed to handle large systems:

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

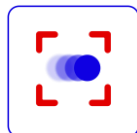


CUSTOMIZATION

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

Video analytics

Built-in video analytics



Motion detector



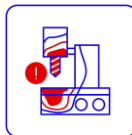
Sound detector



Line Crossing Detector

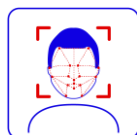


Sabotage detector



Heat map

Additional modules



Face recognition



Face mask detector



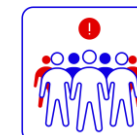
Queue Detector



License plate recognition



Pose Detector



Crowd Detector



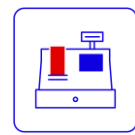
**Recognizing objects
(people, vehicles,
animals, etc.)**



Neuro Counter



Work Place Detector



ActivePOS



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.



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