

# TRASSIR CMS

EFFICIENT CONTROL OVER LARGE-  
SCALE VIDEO SURVEILLANCE SYSTEM

TRASSIR®




# TRASSIR CMS (Central Monitoring Station)

TRASSIR application for video surveillance system control and monitoring

## CMS Features

 Easy web interface, mobile version


 Centralized user, LDAP management

 System monitoring and reporting


 Centralized server upgrade and management

 Situation room

 Video archive backup to CMS

 Direct camera connection to the CMS, no recorder required

 Solution for low-bandwidth Internet connection

 Higher system reliability

## CMS users

 or  
More than 20 video recorders

 or  
Many locations

 or  
24/7 monitoring



# How CMS works

TRASSIR CMS. Efficient management of a large-scale video surveillance system

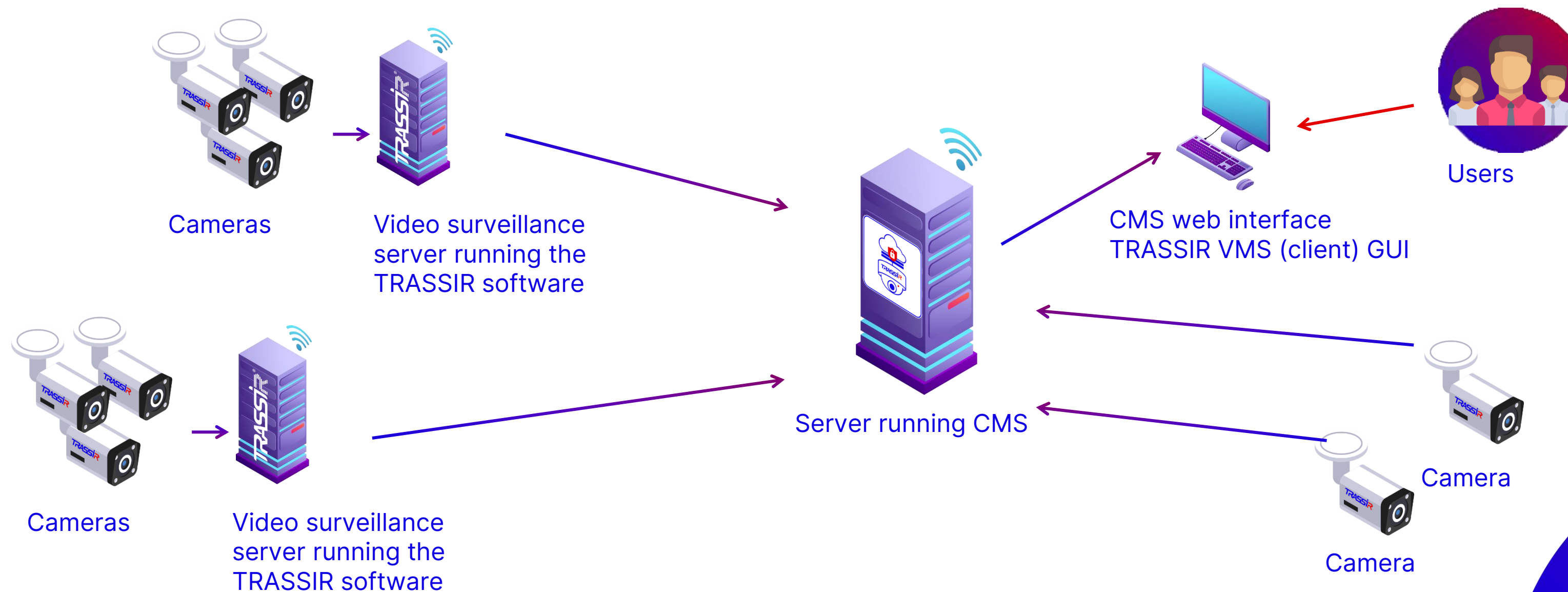


CMS is installed on a dedicated, customer-provided server.

This server connects to other servers, recorders, and surveillance cameras.

Besides the professional video surveillance TRASSIR VMS (client and server) GUI, a web interface and mobile version with extra functionality are available to CMS users.

CMS is a private cloud solution for video surveillance.

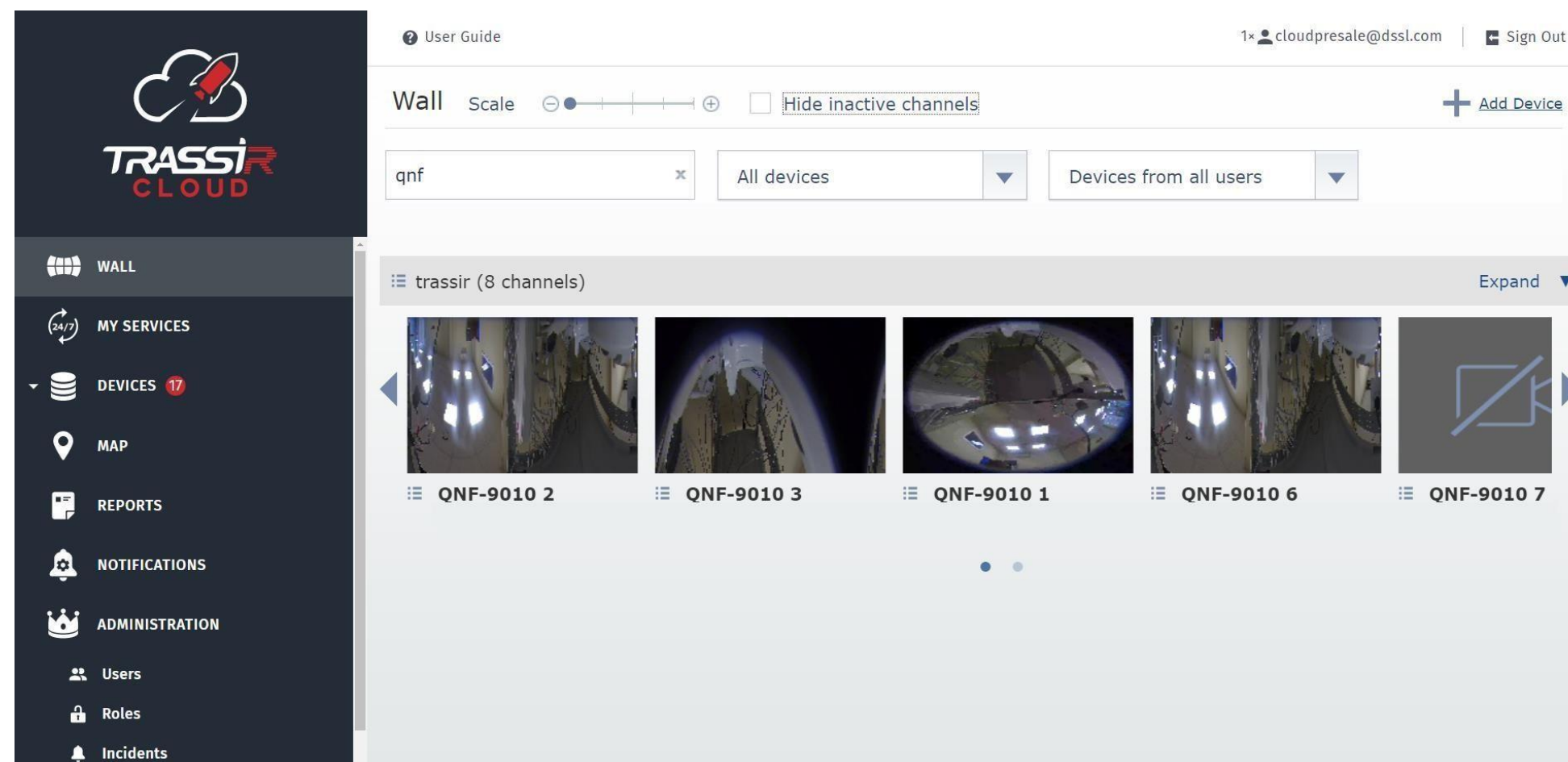
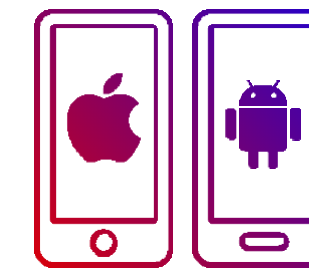


# Functions: Web interface and Mobile app

TRASSIR CMS. Efficient management of a large-scale video surveillance system



The web interface and the TRASSIR CMS mobile app offer simplified user interfaces. They are executive-friendly and can be accessed from anywhere. The CMS interface complements the TRASSIR VMS professional video surveillance interface (TRASSIR Client and TRASSIR Server).



There are CMS apps for Android and IOS

# Functions: centralized user management, LDAP

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CMS is a convenient way to manage users, access rights and assign roles (packages of rights):

	Connection	Health	View	Incidents	Archive	Sound	PTZ	Modify	Bookmarks	Export
My devices	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HomeStand	✓	✓	✓	✓	✗	✓	✓	✓	✗	✗



You can use LDAP to integrate CMS with your corporate user management system. Users will log into the TRASSIR video surveillance software with their corporate credentials.

# SYSTEM MONITORING AND REPORTS

TRASSIR CMS. Efficient control over large-scale video surveillance system



CMS will help you not to miss the moment of equipment failure, which means you will not lose important data

Recorders Trassir (0/1)	Connection	Version	Channels	HDD	Archive Depth	Scripts	Time	Database	AutoBackup	Uptime	IP address
☰ trassir	● OK	DuoStationG9 11509	0/0	● OK	1	3/3	● -120:00:06	● OK	+	37d 18:27:19	172.16.12.238



Check the system state online or set up notifications to immediately respond to any problem

Notify about...

- Motion · minimal motion period — 3 s
- Sound
- Person in the frame
- System health · reaction time — Without delay
- Connection  
Device internet connection  
[Show all](#)

Addressees

cloudpresale@dssl.com

+

Emails receiving frequency

Events happened during the specified time will be grouped into one email

Everytime No more than once every... 2 hours



State reports are available for any period to monitor equipment or analyze situations

Reports / Health History Report

Report name: Health History Report

Automatic Generation: daily 06:00

Span: day

Notification E-mail Lists: +

Devices and groups: All cameras HomeStand MSK office +

Indicators:  HDD  Database  Uptime  Channels +

Save Run and save Cancel

If requested, we will customize the CMS for you to be able to monitor and generate reports on any system events

# CENTRALIZED SERVER UPDATE, SETUP VIA SCRIPTS AND BACKUP OF SERVER SETTINGS

TRASSIR CMS. Efficient control over  
large-scale video surveillance system



Install updates or scripts from the CMS  
on all or selected servers at one go

This will save a lot of time for the  
specialists administering the large-  
scale system

Task name:

New script for update

hi3536-1154612-Release.pack [Remove script](#)

Select devices:

- Install script on all devices automatically
- Remove script after execution

Filter...

Selected 16 / 16

Name ▲	Version
My devices	
1	



**CMS can save server settings and video wall templates - you will not  
have to set up everything all over again in case of a malfunction**

# CLOUD CONNECT - TRAFFIC SAVINGS

TRASSIR CMS. Efficient control over large-scale video surveillance system

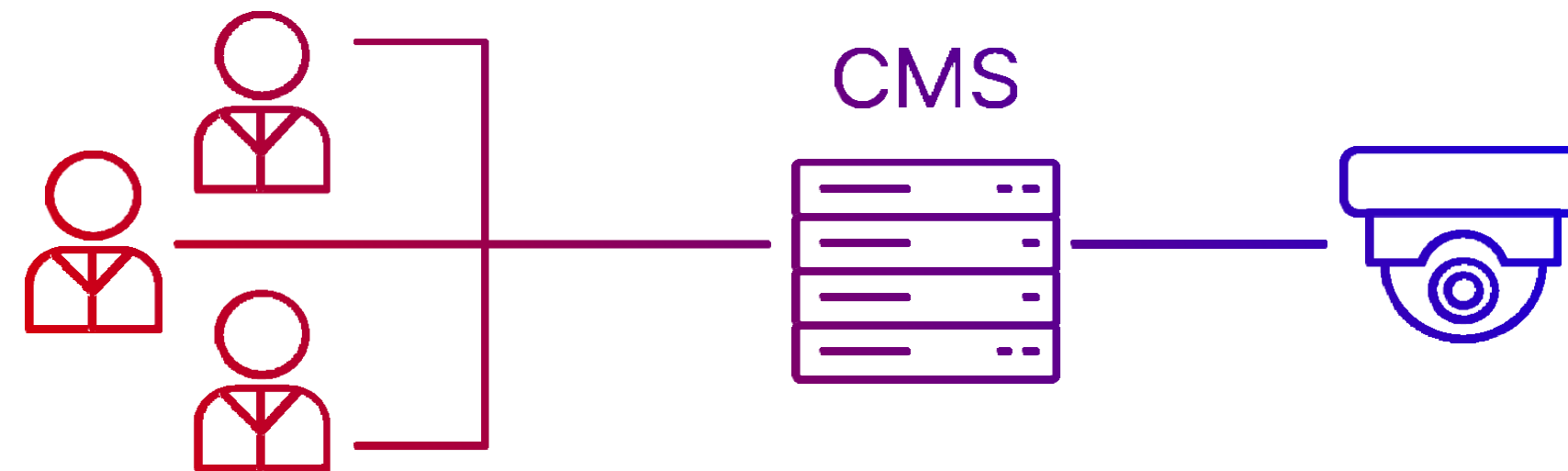


## Functionality

Cloud Connect allows a large number of users to view the same channel without traffic overloads from the server that hosts the channel

## Use

This is particularly true for narrow Internet channels or in other cases when traffic savings are needed





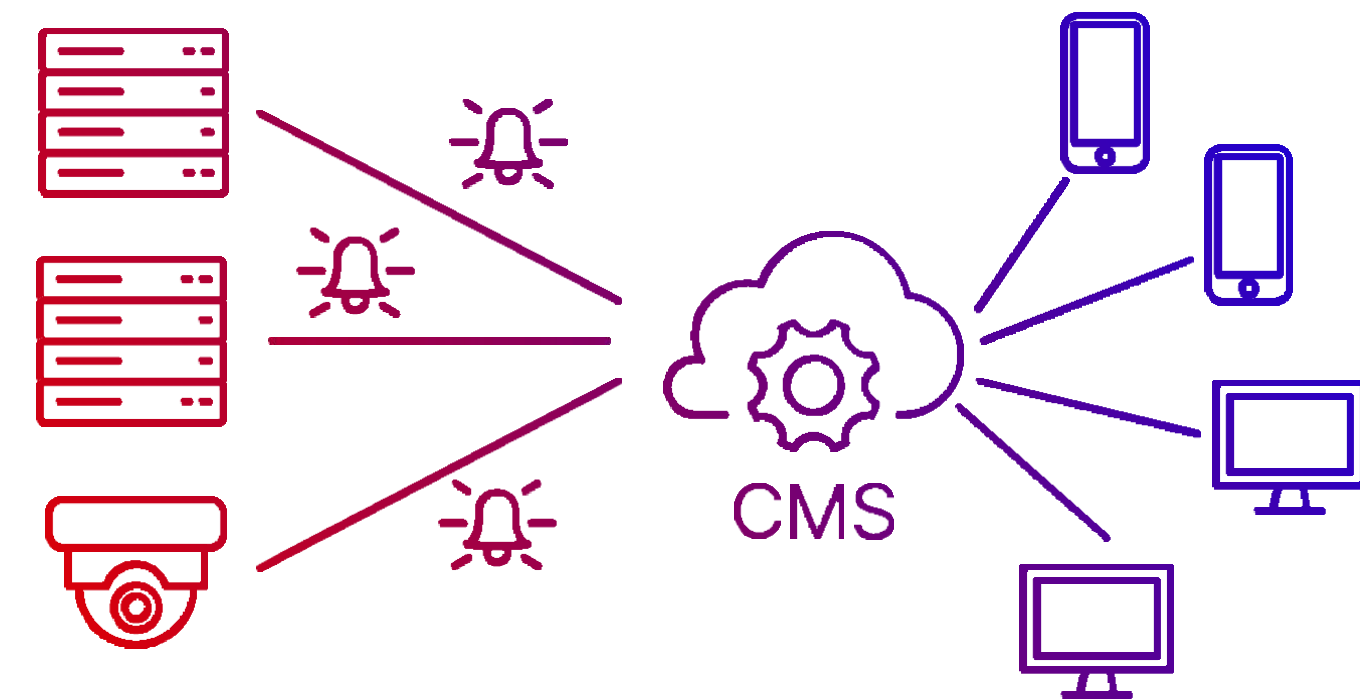
# SITUATIONAL CENTER

TRASSIR CMS. Efficient control over large-scale video surveillance system

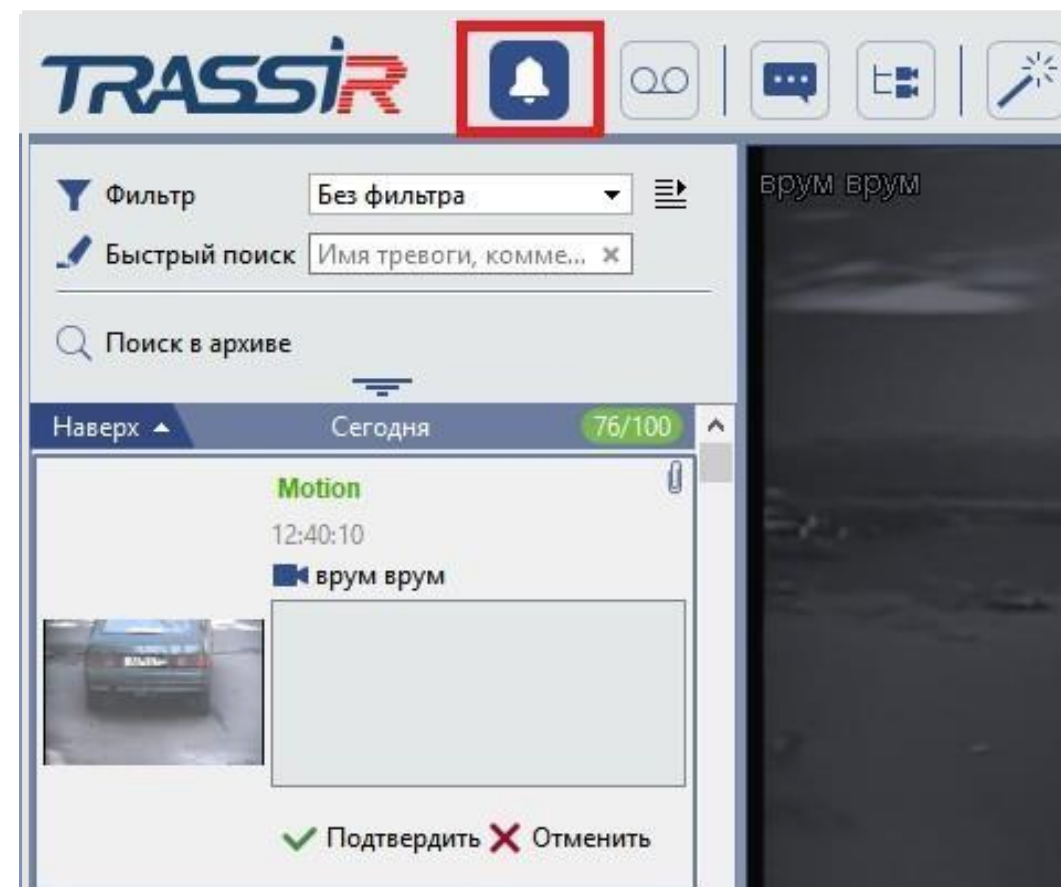


CMS allows setting up alarms about selected events  
- for example, about motion in some area

This eliminates the need to permanently monitor the cameras and helps security officers not to miss important events



**Alarms appear immediately in the TRASSIR interface and require confirmation or cancellation by the operator**



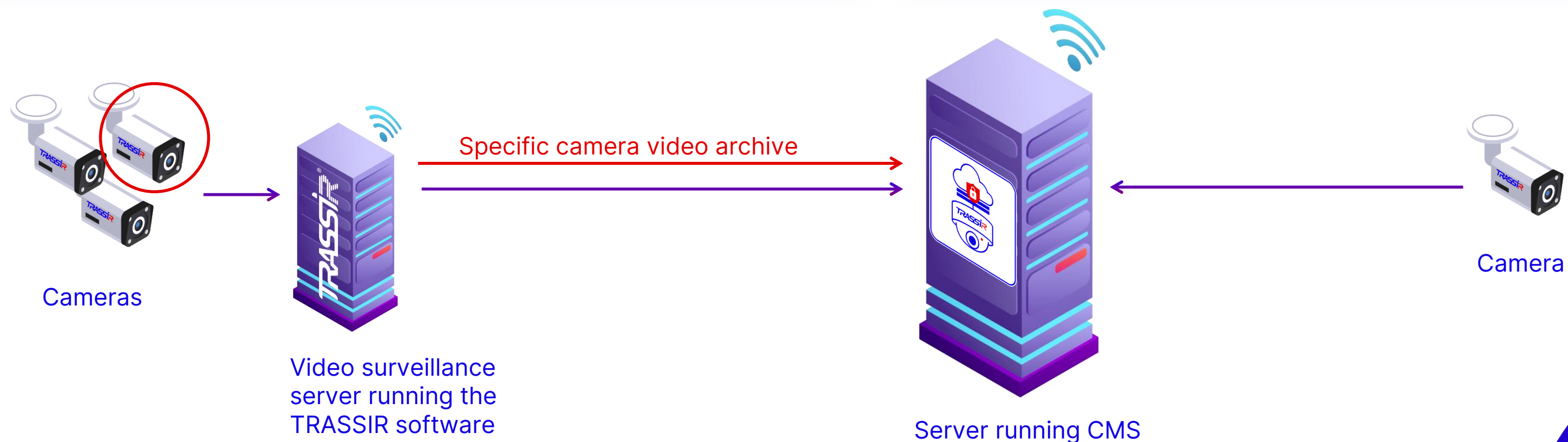
# Functions: video recording replication; cameras directly connected to CMS

TRASSIR CMS. Efficient management  
of a large-scale video surveillance system



**1** **Back up the recordings from selected cameras to the CMS server.**  
You would keep your data even if the main recorder is down. The CMS clients do not need a TRASSIR NetSync license to back up the archive to the CMS.

**2** **Connect cameras directly to CMS without a recorder.**  
You can quickly add new video surveillance sites without having to purchase and set up the entire video surveillance infrastructure.



## Functions: Higher reliability

TRASSIR CMS. Efficient management  
of a large-scale video surveillance system



The Cloud Connect technology redistributes the load on the surveillance servers so the video surveillance system will not shut down due to the server overload by TRASSIR Client.

It is recommended to deploy TRASSIR CMS as you have 15 or more TRASSIR video surveillance system servers.

For example, a TRASSIR video surveillance system operates smoothly even with 30,000 servers connected to a video surveillance system, and 3,000 concurrent users.

# Contacts

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