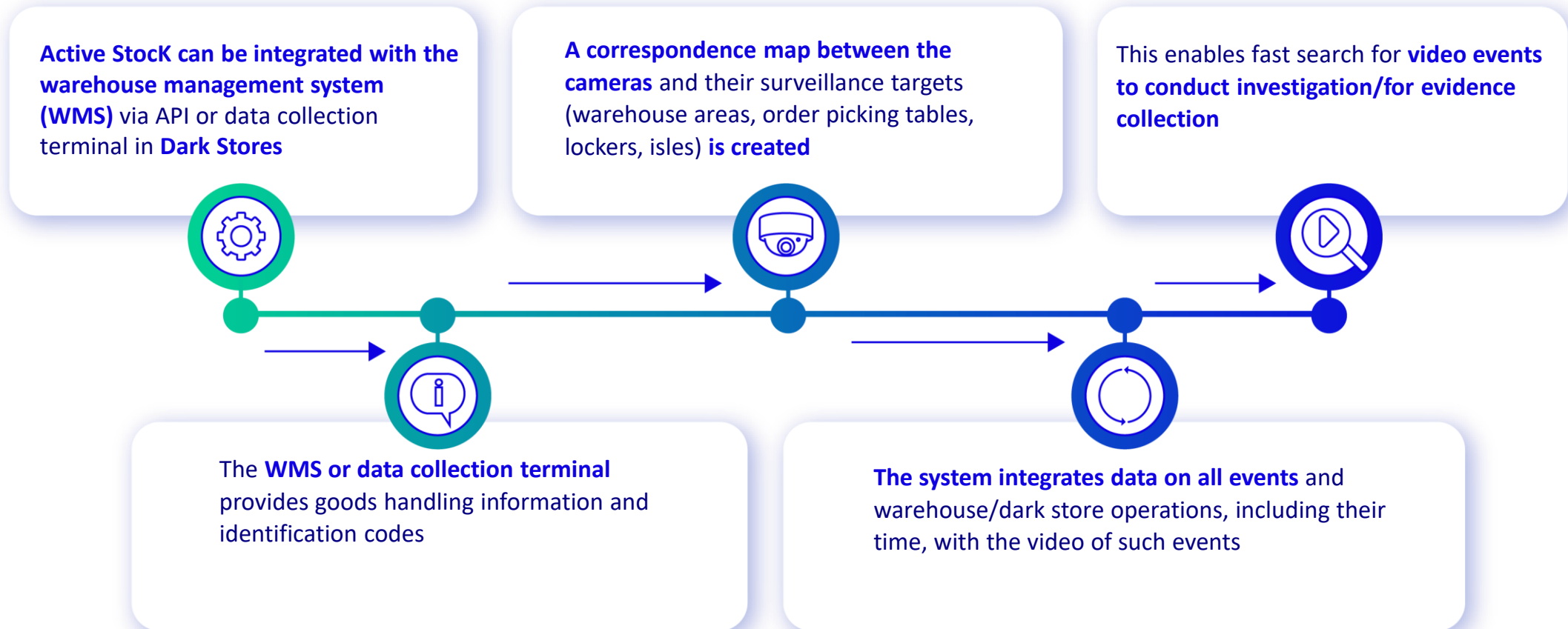# Active Stock

Video control module for warehouse operations

TRASSIR ACTIVE STOCK

A warehouse analytics system providing smart search for all stages of goods handling and fast video evidence to investigate warehouse loss incidents
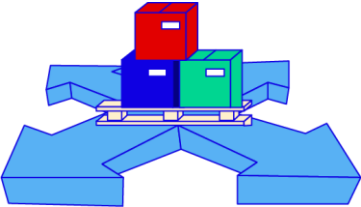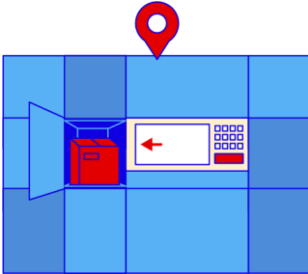
Active StocK can be integrated with the warehouse management system (WMS) via API or data collection terminal in **Dark Stores**

A correspondence map between the cameras and their surveillance targets (warehouse areas, order picking tables, lockers, isles) **is created**

This enables fast search for **video events to conduct investigation/for evidence collection**

The **WMS or data collection terminal** provides goods handling information and identification codes

The system integrates data on all events and warehouse/dark store operations, including their time, with the video of such events

SUITABLE SOLUTION FOR
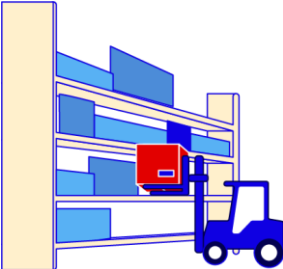
Marketplaces

Dark stores

Pick-up points

Distribution centers

Warehouse and logistics complexes

EXAMPLE OF USER SCENARIO

For a Distribution Center or Warehouse Complex

TRASSIR® Active Stock

INCIDENT

Order/goods identification

List of videos showing all operations with the missing goods

Viewing selected stage for investigation purposes

A retail shop generates an order to ship goods from a warehouse or distribution center (DC)

The DC picks the order and dispatches it to the shop

Some issues identified upon goods acceptance at the shop:

☒ Order not delivered in full

☒ Partially damaged goods

☒ Delivery of wrong goods

The shop manager draws up a discrepancy report and sends it to the responsible security officer for investigation

For a Distribution Center or Warehouse Complex

INCIDENT

Order/goods identification

List of videos showing all operations with the missing goods
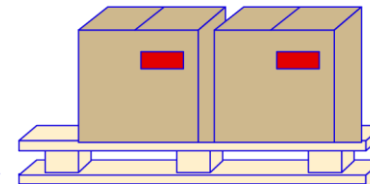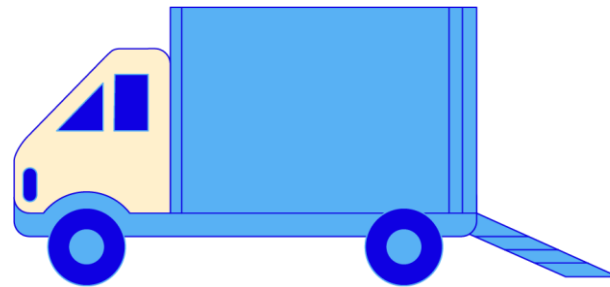
Viewing selected stage for investigation purposes
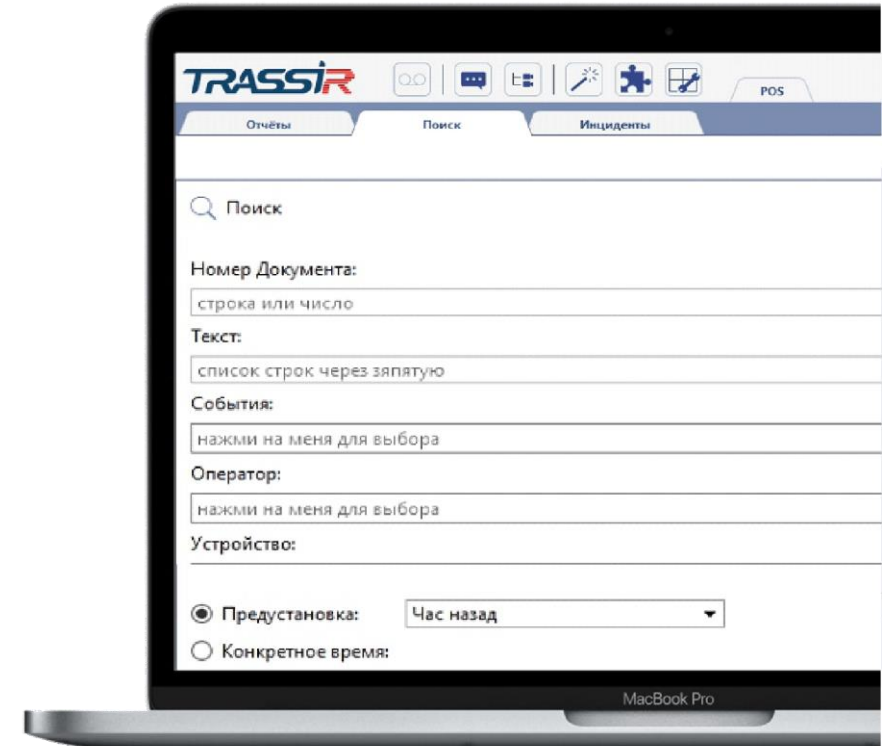
A security officer logs into the Warehouse Control Module

He enters an identification code (e.g. pallet No. / cell No. / order No. or goods code / combination of these codes) in the "Search" section

EXAMPLE OF USER SCENARIO
For a Distribution Center or Warehouse Complex

TRASSIR® Active Stock

INCIDENT
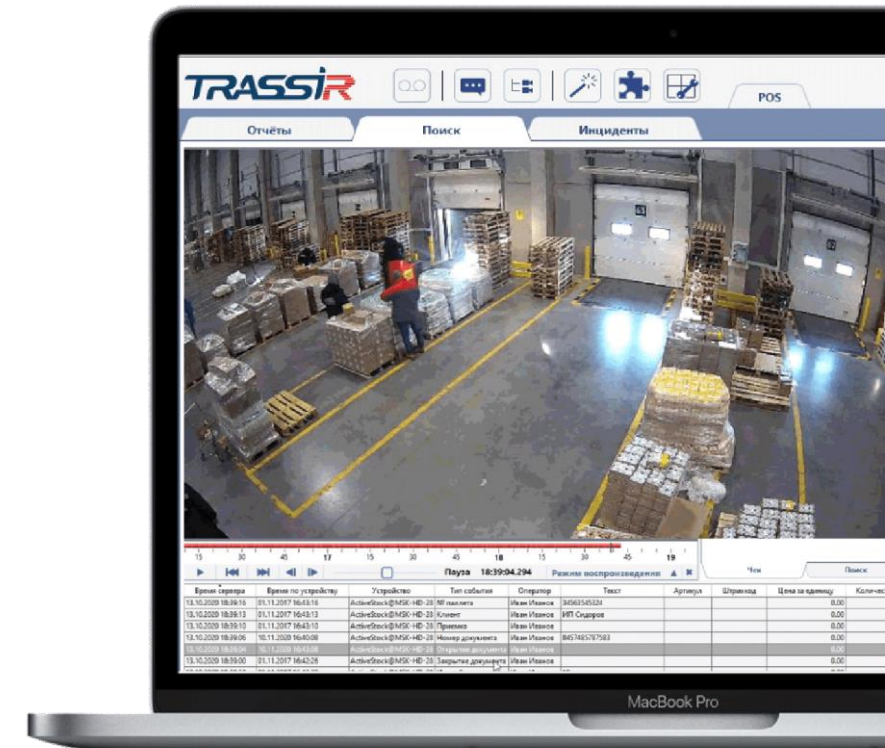
Order/goods identification

List of videos showing all operations with the missing goods

Within seconds, the systems issues a list of videos from all cameras showing all operations with the goods

Viewing selected stage for investigation purposes

EXAMPLE OF USER SCENARIO
For a Distribution Center or Warehouse Complex

TRASSIR® **Active Stock**

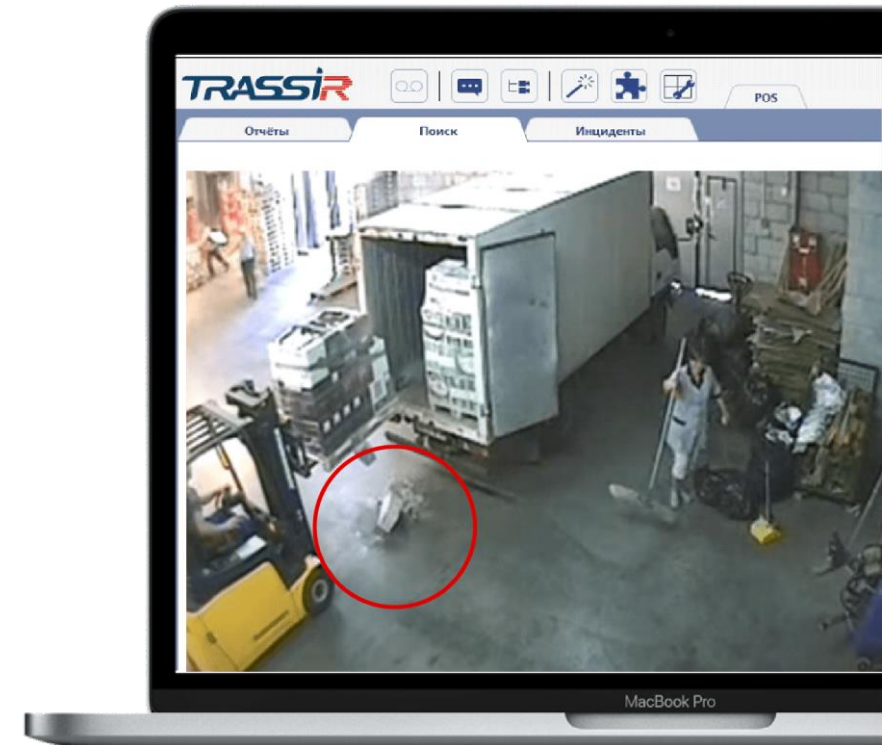## INCIDENT

Order/goods identification

List of videos showing all operations with the missing goods
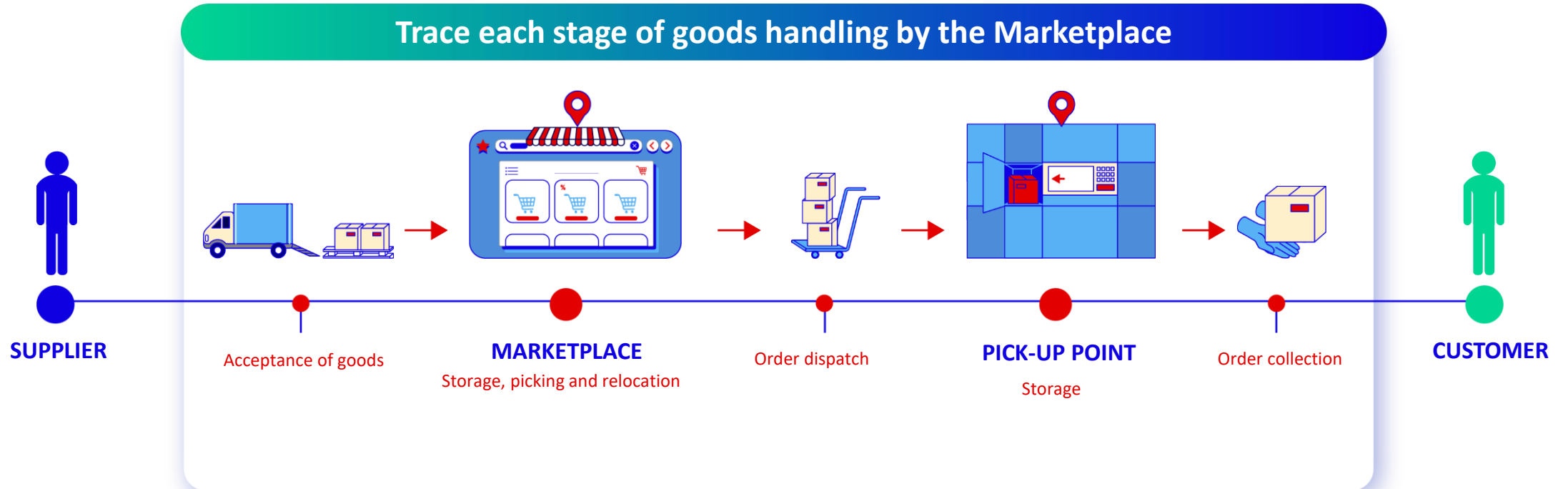
Viewing selected stage for investigation purposes

By selecting the required type of operation, the security officer quickly finds a video with evidence for investigation of incidents

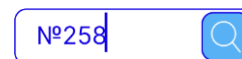for a Marketplace with a Pick-up Point

Trace each stage of goods handling by the Marketplace

SUPPLIER

Acceptance of goods

MARKETPLACE

Storage, picking and relocation

Order dispatch

PICK-UP POINT

Storage

Order collection

CUSTOMER

The video surveillance cameras connected to the **Active Stock** system in pick-up points enable smart search for videos relating to all order handling events: from the supplier to the customer

USAGE SCENARIO

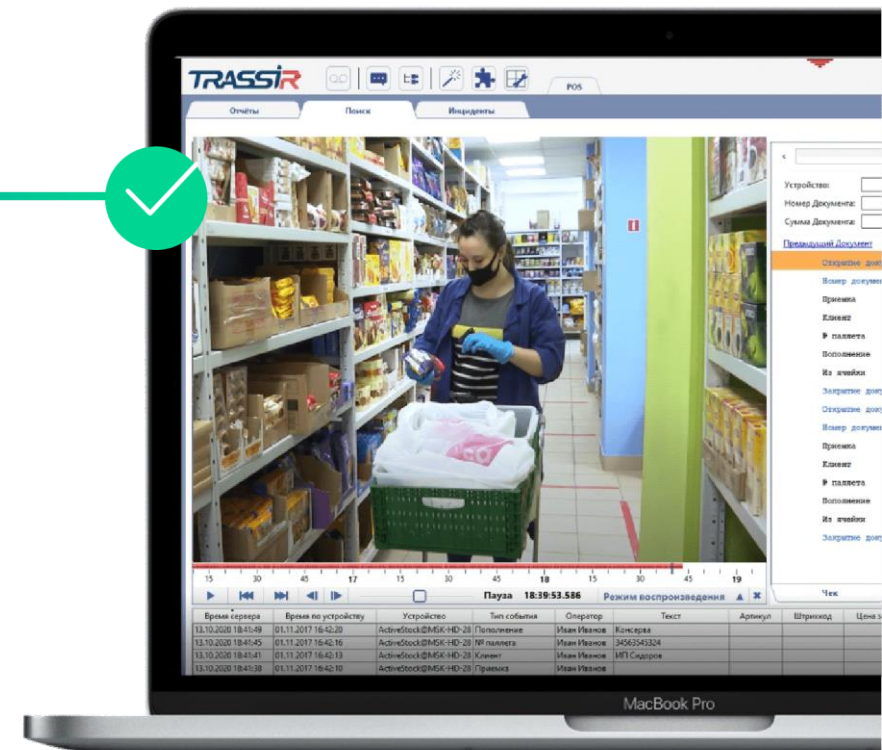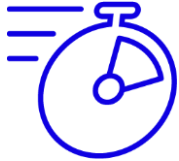For Dark Stores

TRASSIR **Active Stock**

№258

TRASSIR can be integrated with a **data collection terminal** or **smart carts** that are responsible for optimization of the order picking route

A correspondence map between the camera and required cell is created

The data collection terminal displays the name of the goods, as well as the aisle, shelf or cell number

When the order number is entered, the system issues the history of all related events

Much faster incident investigation process

More incidents investigated

Quick and easy search by event, goods or employee

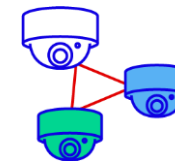Videos categorized by warehouse operation scenarios

Online browsing and archive search

Unified interface to handle video and warehouse operations from the WMS

WMS Easy integration with WMS via API

One or more cameras can be used for a facility or surveillance area

TRASSIR ACTIVE STOCK

Also allows you to:

Reduce the number of unidentified losses

Reduce the time required for security personnel to view the video during incident investigations

View video only from those cameras that were used to capture operations with goods

Reduce warehouse/DC losses due to fast identification of the guilty person

Optimize paid time of warehouse/DC personnel (fewer operators are able to handle more incidents)

Conveniently control and monitor health of a large-scale video surveillance system using Trassir CMS

Additionally:

Monitor presence of employees at their workplaces

TRASSIR ACTIVE STOCK + CMS

TRASSIR Active Stock

TRASSIR CMS   A Solution to Manage Large-Scale Video Surveillance Systems in Retail Industry

Intended use: → Over 20 recorders   → Multiple video surveillance locations   → 24/7 monitoring is required

Main functionality	Advantages
24/7 video surveillance system monitoring	You will not miss any equipment failure and will not lose important data. Set up notifications or view the state online
System state reports	System state reports can be generated for any period to analyze situations. We can customize the CMS to collect reports on any system data
Convenient user management, LDAP	Convenient creation of users and flexible management of their rights based on your corporate user system
Situational center	Security officers will not miss suspicious situations without the need to monitor all cameras. Process only those alarms that arrive from the required detectors and set up smartly their actuation scenarios
Traffic savings	The required channel can still be viewed by several users even in case of slow Internet or narrow channels
Centralized server update and control via scripts	The CMS allows updating all or individual servers at one go, and controlling them via scripts

![TRASSIR logo]

Contacts

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welcome@trassir.com