TRASSIR®

VMS TRASSIR

TRASSIR

VMS TRASSIR. VIDEO SURVEILLANCE SOFTWARE

BASE FUNCTIONS

Recording, exporting, and viewing video images with multi-threading support

Audio stream processing and two-way audio support, PTZ and I/O management

Complete device integration using native protocols, support for RTSP and Onvif

Open SDK, internal scripting system with advanced automation features

Convenient remote access using Desktop client

Interactive maps of rooms and territories with cameras installed.

TRASSIR

VMS TRASSIR. VIDEO SURVEILLANCE SOFTWARE

BASE FUNCTIONS

Automatically monitors the health of system components, logs, user actions

Edge Storage support and archive synchronization from built-in device storage

Convenient archive search using basic and advanced video analytics, synchronized viewing

Flexible system for managing user permissions

Notifications sent to email, telegram, push

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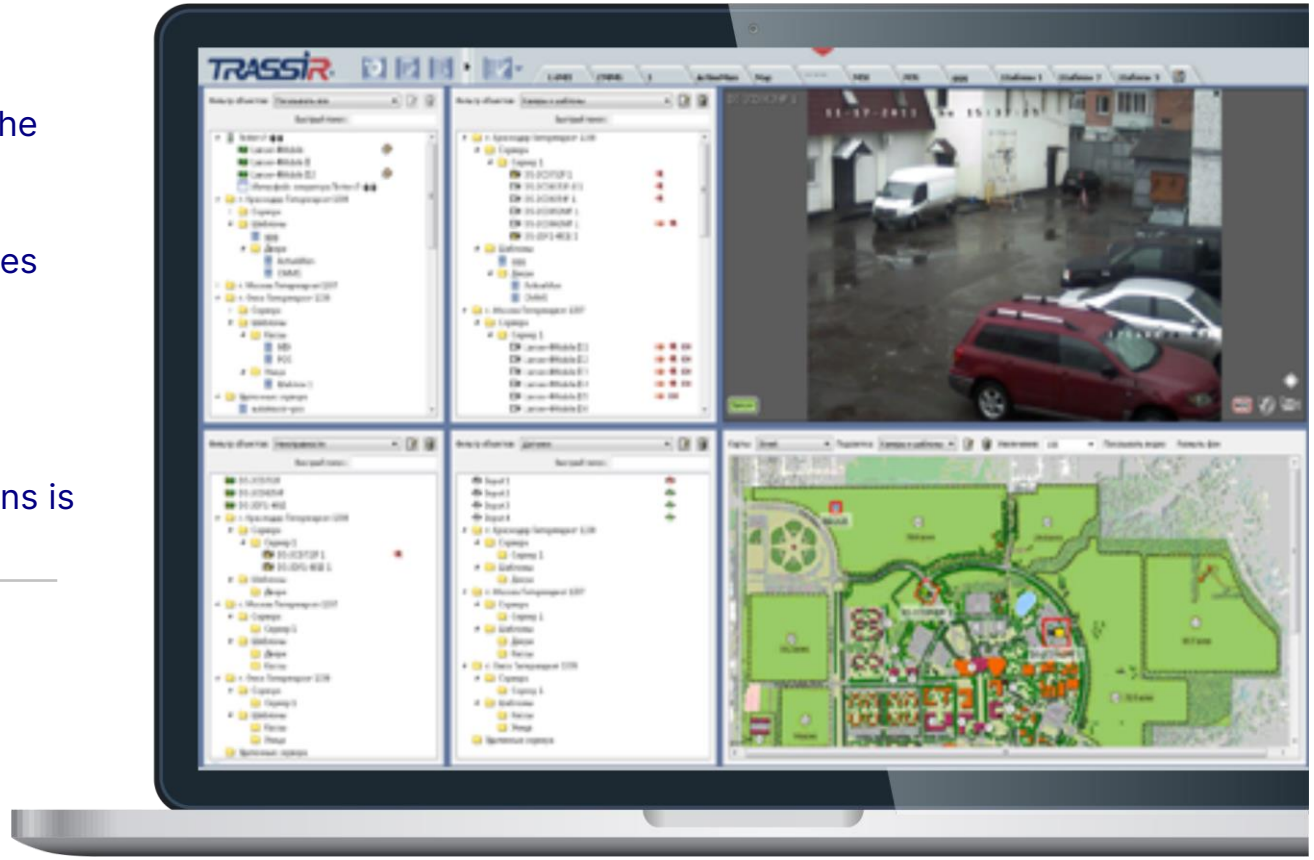
BASE FUNCTIONS

TRASSIR Plans

TRASSIR Plans allows to add plans for rooms and territories to the TRASSIR software.

- The operator's reaction speed to objects and events increases
- Eliminates the need to search for a specific camera on the connected devices list
- Allows to view the position of all cameras and other devices directed at the object (including the direction in which the lens is pointed).



In addition to TRASSIR Plans, you may add "Teleporters" - switch quickly between floors/buildings and selected cameras to make navigation around the facility and cameras easier.

This function is available both in real time and in archive mode.

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BASE FUNCTIONS

Scripts

Paid

- TRASSIR Keyboard - advanced camera management using a joystick or keyboard in the VMS;
- TRASSIR Parking – a module for counting vehicles that enter and exit the parking area;
- TRASSIR Switch - management and monitoring of TRASSIR switches from VMS;
- TRASSIR AVGSpeed - measures and monitors the average speed of vehicles on specific road sections.

Free version:

- Alarm Monitor - universal automation tool that allows to configure different reactions to most events;
- Analytics - designed to gather information from TRASSIR detectors: visitor counter, sales conversion, queue detector. Generates and uploads reports based on this data;
- Failover - switches archive recording from cameras to auxiliary servers in cases of lost connection with the main servers;
- WebPeopleCounting - online monitoring for the number of visitors based on the Neuro Counter detector
- ScreenShots + VideoExport - automatically uploads screenshots and video fragments;
- PTZ Automation - allows to automate the operator's work with the PTZ camera;
- Mass changing settings devices - allows to change device settings en masse;
- Health Monitoring - designed to notify you of changes to server health;
- Auto Backup - designed to automatically create a backup of server license file and server and client settings;
- Backup PSSQL - database backup and restoration to TRASSIR OS.

And many others.

TRASSIR VMS

Reliable software for managing the monitoring and video surveillance systems of small and medium-sized businesses

- Improved user experience by automating the system with python scripts
- Convenient and adaptive interface that is customizable to client needs
- Configuration of VMS integrated IP-devices from the TRASSIR interface
- Flexible configuration of user permissions
- Softsoftware integration with third-party access control systems, alarm systems, intercom, etc.
- Unique technology for archive recording through three rings. Simultaneous recording of video stream to 1-5 hard drives
- Recording, exporting, and viewing images in multithreading mode
- Failover
- Interactive maps
- Push notifications to email, telegram, SMS
- Smart search in the archive
- Works with 99% of IP cameras on the market: supports common protocols ONVIF, RTSP
- Lifetime licensing
- Automatic monitoring of performance
- Convenient access via web client, desktop and mobile app
- Open SDK

Advanced features with TRASSIR VMS

TRASSIR OS on TRASSIR servers provides protection and performs video surveillance on the server

TRASSIR CMS is a solution for managing large-scale video surveillance systems

Processes video analytics on GPU for maximum efficiency

Advanced neural network video analytics

TRASSIR SOFTWARE | PLATFORMS

TRASSIR OS

TRASSIR recorders and servers

Windows

Any server on most OS versions

TRASSIR daemon for Unix-like systems

TRASSIR servers and third party servers

TRASSIR

TRASSIR OS

MAXIMUM TRASSIR FUNCTIONALITY

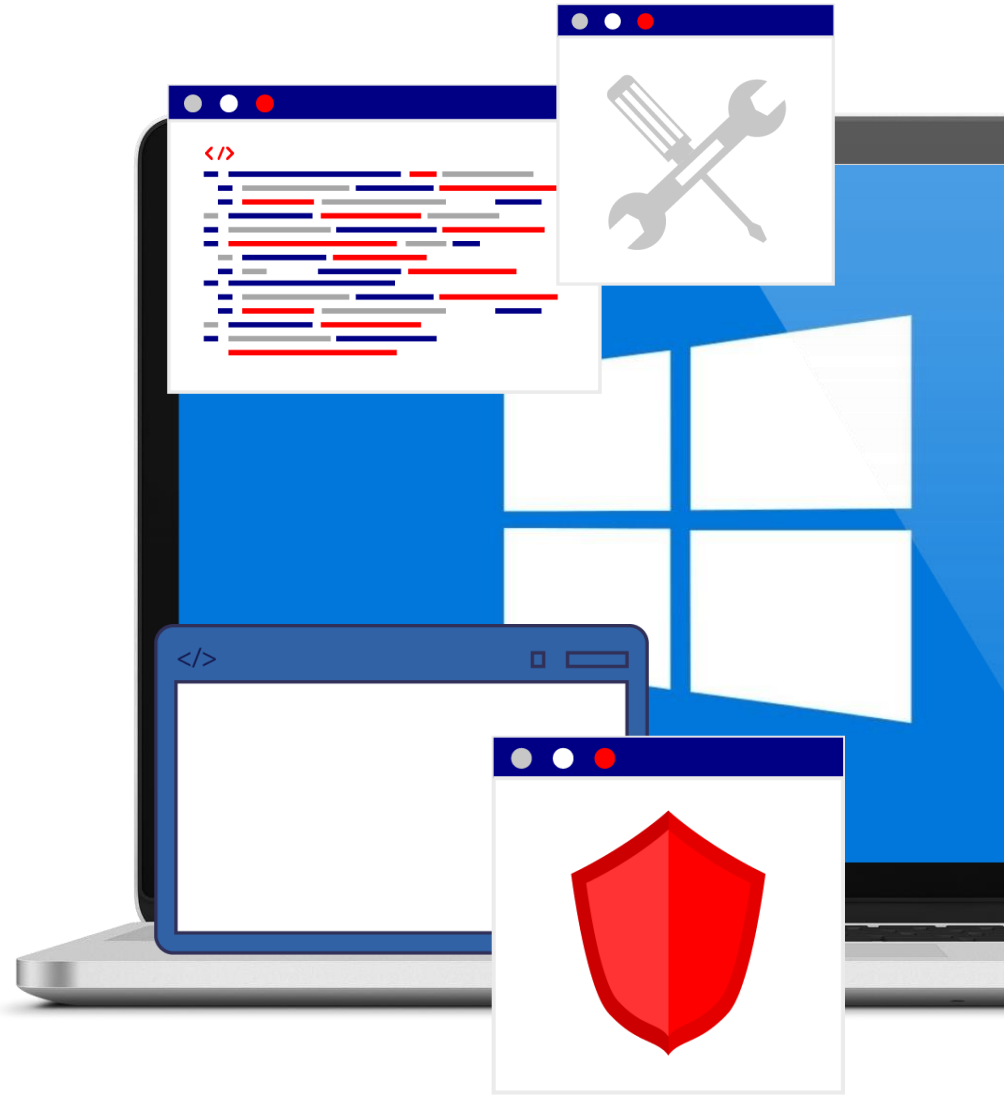
- All available TRASSIR software video analytics running on GPU
- TRASSIR recorders come with their own Unix-like operating system, simplifying their use and setup and making them a truly professional tool
- Maximum connection between hardware and software. Testing and optimization of software operation on components of TRASSIR recorders and servers
- Additional options for project security on TRASSIR servers

TRASSIR daemon for Unix-like systems

- The backend of TRASSIR does not have its own GUI. Configuration via TRASSIR client server connections on Windows or Linux
- Support for Public/Private (CMS) TRASSIR Cloud
- Support for TRASSIR analytical modules running on both CPU and GPU
- Works only with TRASSIR Enterprise maximum license
- No special requirements for server components
- Ability to interact with TRASSIR servers to expand video analytics capabilities (Offload analytics)

TRASSIR Windows X64 Software

- Support for TRASSIR analytical modules running on CPU
- It is possible to interact with TRASSIR servers for advanced video analytics capabilities (Offload analytics)
- No special requirements for server components



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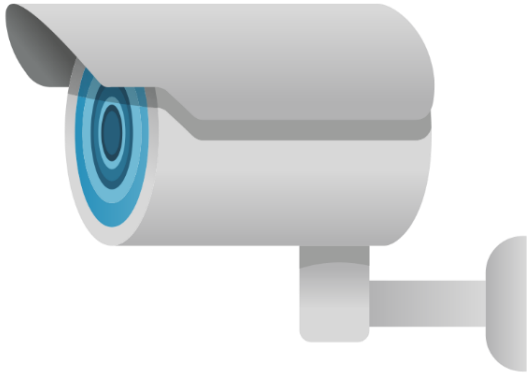
ADVANCED FEATURES



TRASSIR NETSYNC

archive synchronization
from other TRASSIR servers

TRASSIR ACTIVEDOME

interactive management
of PTZ cameras in one click

TRASSIR DEWARP

image maximization
Fish-Eye video cameras

AUTOTRASSIR PARKING

counts vehicles and the time
they enter the parking area

TRASSIR SWITCH

PoE monitoring and management
with TRASSIR switches

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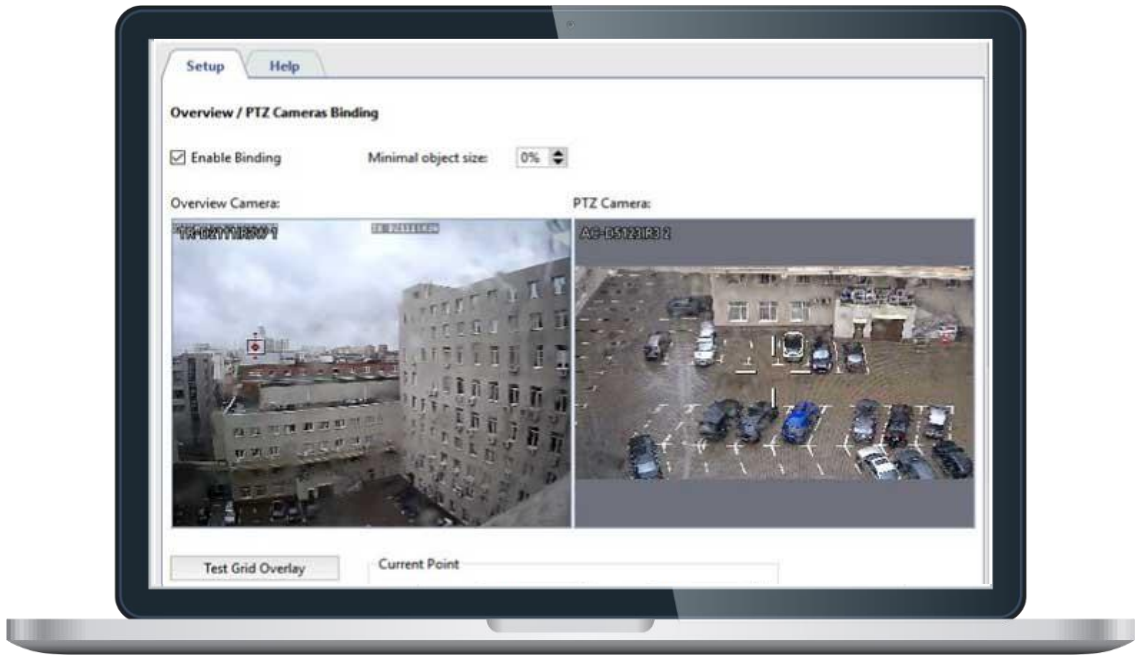
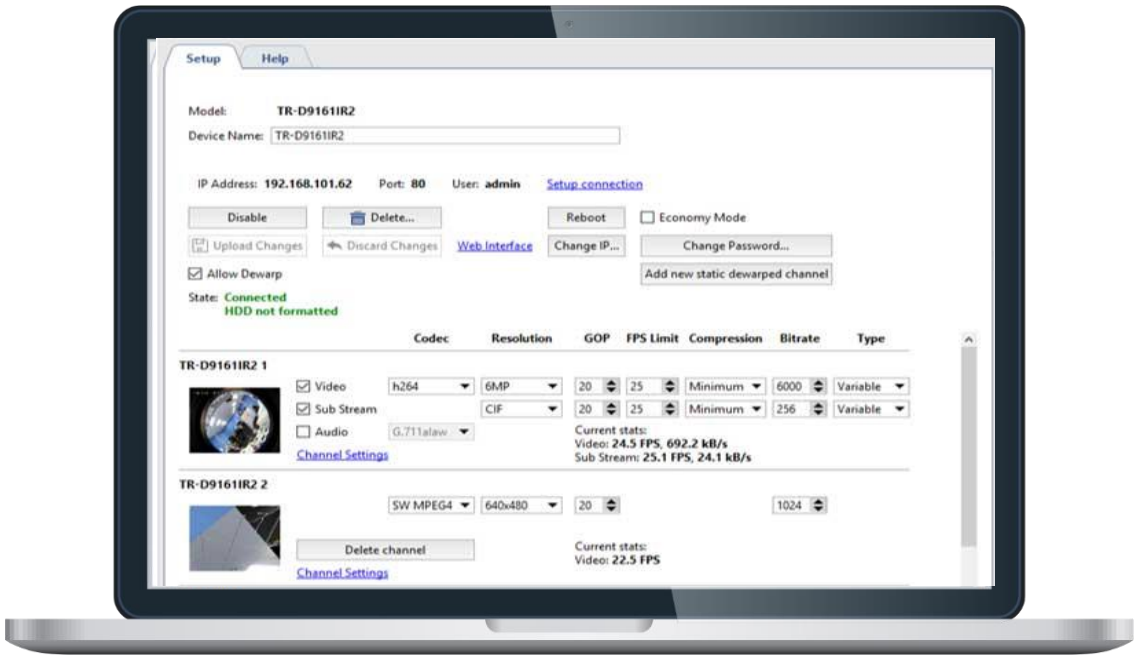
TRASSIR ActiveDome

Setting up pairs of PTZ and overview cameras



TRASSIR Dewarp

Configuring Fisheye camera settings

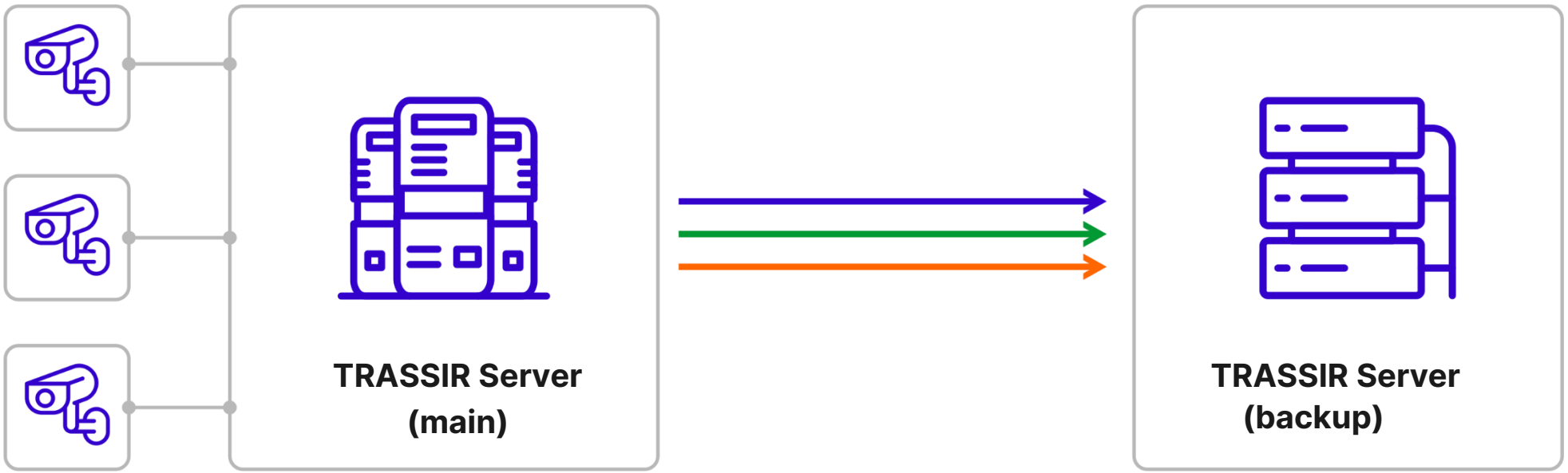


FEATURES OF WORKING WITH THE ARCHIVE

Archive synchronization

Technology that allows to synchronize channel archives from a single recorder using TRASSIR software to another recorder.

This type of unloading can be carried out according to a set schedule.
This allows to organize a backup of the video archive from a remote server.



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FEATURES OF WORKING WITH THE ARCHIVE

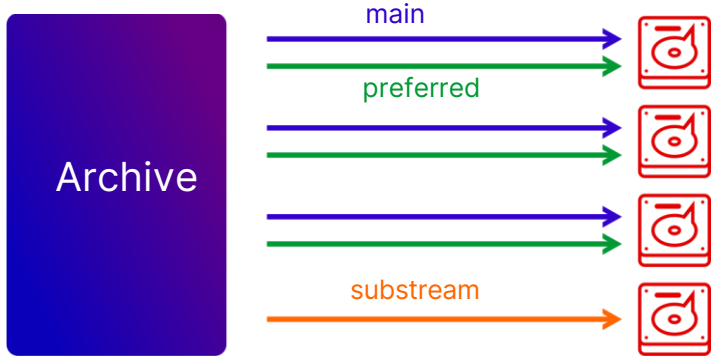
Three rings of recording

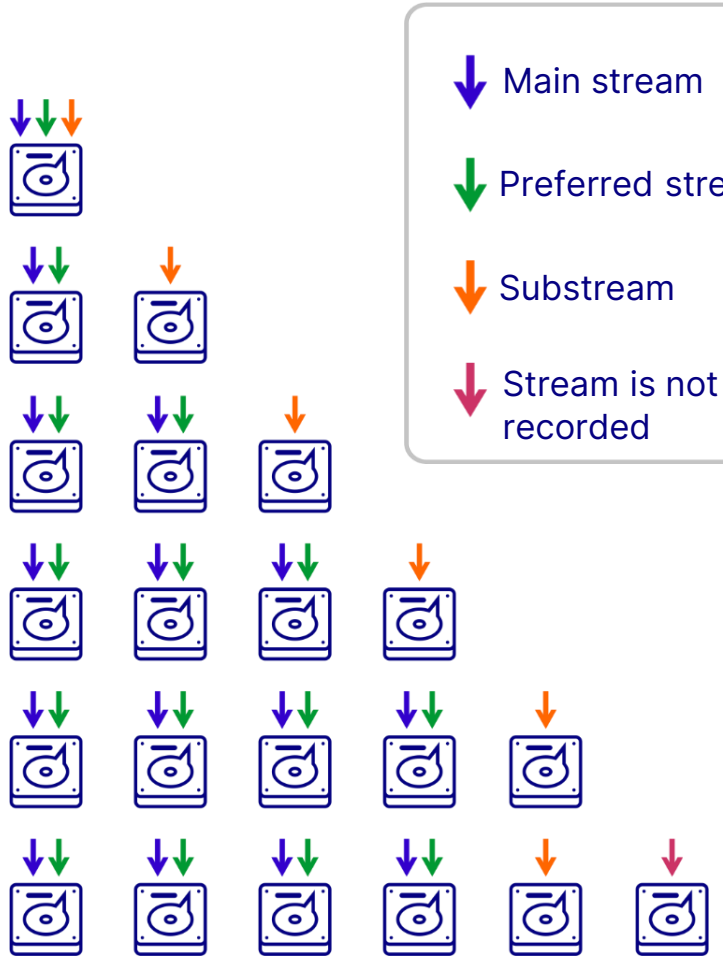
Technology that allows to record a main video stream, preferred stream, and substream to HDD.

If there are many HDDs in the system, TRASSIR software will alternate HDDs depending on the load on each. This allows to save almost the entire archive if one of the disks fails.

Archive and NAS recording technology in TRASSIR

"Three rings of recording"
This is TRASSIR technology that allows you to record the main stream, preffered stream, and substream to the server's disks.





TRASSIR®

trassir.com

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