TRASSIR®

Real estate

A robust ecosystem for real estate security monitoring
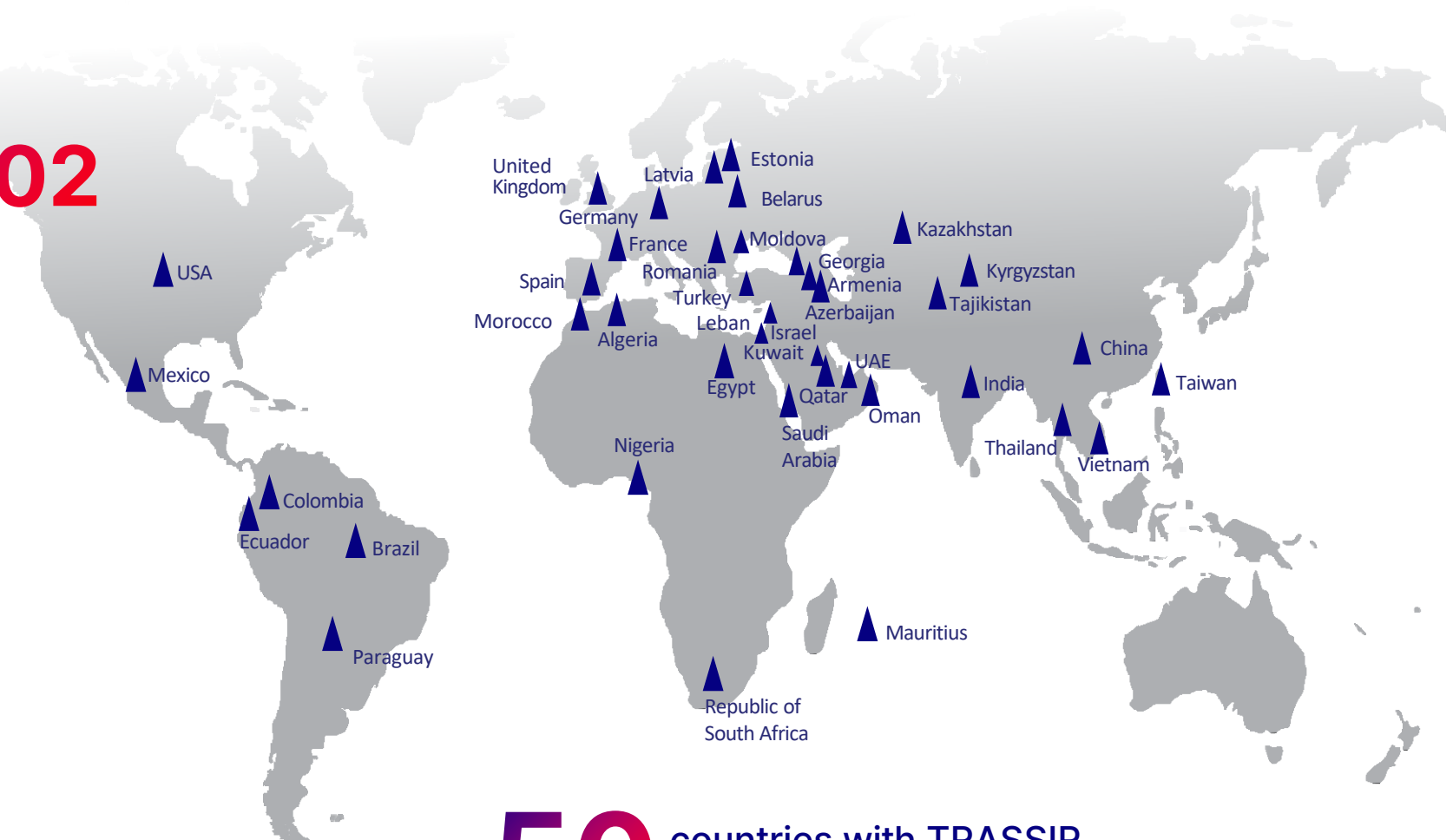
TRASSIR today

TRASSIR®

Experience in CCTV surveillance

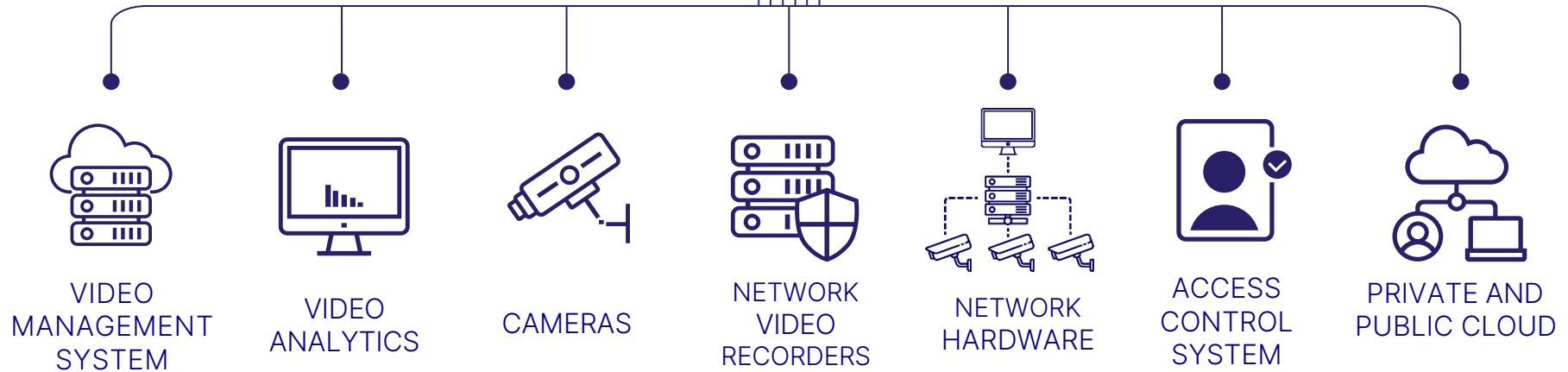## SINCE 2002

15 000 +
loyal customers around the globe

3 R&D centers

USA
Mexico
Colombia
Ecuador
Brazil
Paraguay

United Kingdom
Germany
Spain
Morocco
France
Romania
Algeria
Latvia
Estonia
Belarus
Moldova
Georgia
Armenia
Turkey
Leban
Azerbaijan
Israel
Kuwait
Egypt
Qatar
UAE
Oman
Saudi Arabia
Nigeria
Kazakhstan
Kyrgyzstan
Tajikistan
China
India
Taiwan
Thailand
Vietnam
Mauritius
Republic of South Africa

50 countries with TRASSIR installations

Why TRASSIR?

TRASSIR®

Compatible with 99% of cameras

NVRs and analytics are compatible with 99,9% of IP-Cameras. Connection options include:
- Native integration (manufacturer protocol)
- ONVIF
- RTSP connectivity

Pre-sale demo and training

Our engineers demonstrate system functions and conduct training sessions and webinars

Highly customizable

Complete customization for specific projects using rules and Python scripts

Technical project supervision

Dedicated technical manager on project base

Easy predictable TCO

Lifetime licensing, firmware updates, free technical support

Turnkey solutions

Complete end-to-end video surveillance systems of any size

Integrated real estate management through an ecosystem of safety and efficiency controls

Increased manageability

- Access control for employees, visitors

- Monitoring key building parameters

- Quality control of staff performance

- Reduction in security costs and fines

Complete control over events

- Incident detection on a single screen

- Quick search through event logs

- Rapid response to events

Comfortable environment

- Confidence in security

- Manage parking and access to the territory

- Remote monitoring from any location

Professional security management solution

TRASSIR®

Video surveillance

- 24/7 territory control
- Report generation
- Collection of evidence
- Control of key building parameters

Access control and management (ACS)

- Allocation of rights and ensuring access to the territory, premises

Video analytics

- Automatic license plate recognition
- Identify and search for people using a pre-configured face database
- Interactive event search in the archive
- Visualization of free parking spaces

Business centers

Manage parking access

Capabilities:

- Automatic parking access without involving security guards

- Parking access by permanent or guest pass

- Open SDK for integration with CRM

Solution:

AutoTRASSIR-30

is a license plate recognition module for parking areas

TRASSIR ACS

is a proprietary access control and management system based on the TRASSIR platform

Increases freedom of movement

Access for tenants

Capabilities:

- Access control and management system by card, PIN code, fingerprint, and facial recognition according to a set schedule

- Allocation of territory and building access levels

- Tracking the movement of a specific person within the business center's territory

Solution:

TRASSIR ACS

is a proprietary access control and management system based on the TRASSIR platform

TRASSIR Face Recognition

is a face recognition and search module using a pre-configured database

TRASSIR Cross-camera tracking

identifies people, plots movement routes, and displays people's location on a map in real time

Simplifies the process of issuing guest passes

Guest access

Capabilities:

- Quick pass issuance
- Ability to search by gender and age in the video archive

Solution:

TRASSIR Face Recognition & Face Analytics

is a face analysis module for identifying and searching for people using a pre-configured database Includes demographic analysis, race recognition, facial attribute detection

TRASSIR Active Search

is an additional TRASSIR software module for fast and convenient searches in the archive

Increases security on the premises

Observing and recording situations

Capabilities

- Prompt notification of unwanted visitors, e.g. homeless people
- Identify situations of suspicious behavior
- Perimeter security after hours

Solution

TRASSIR Neuro Left Object Detector

is a smart module that detects abandoned objects

TRASSIR Neuro Detector

is an object detection and classification module

TRASSIR Pose Detector

is a smart module that allows you to detect unwanted behavior based on motion and human behavior algorithms

Residential complexes

Automatic access to parking for residents and guests

Capabilities

- Automatic opening and closing of parking barriers and gates to the complex for residents and guests

- Complete history of entrances onto the complex territory

- Quickly issue guest passes

Solution

AutoTRASSIR-30
automatic license plate recognition

TRASSIR ACS
access control and management

Residential complex access and perimeter security

Capabilities

- Automatic access to entrances and complex territory for residents

- Open doors using the mobile app

- Access to CCTV cameras in the residents' app

- Protection from unauthorized persons on the territory

Solution

TRASSIR Face Recognition

a video analytics module for face recognition

TRASSIR ACS

access control and management

TRASSIR Neuro Left Object Detector

a module that notifies you of abandoned items

Safety of public areas

Capabilities

- Ensures the safety of public areas: entrances, elevator areas, and stairwells

- Quick response to elevator problems

- Protection against unauthorized persons in the entrance

Solution

TRASSIR Face Recognition

a video analytics module for face recognition

Integration with elevator control system

TRASSIR ACS

access control and management

A multifunctional approach to the management system

Entrance-exit

- High throughput efficiency
  supports automatic license plate recognition

- Simple deployment
  supports cards and intercom

- Reduced personnel costs
  central control without an employee at each checkpoint

Efficient vehicle access to the territory

Apartment access

- Multi-factor performance
  Access by face, card, app

- Fast access to events
  Connection to the management company app

Convenient access for residents and guests of the residential complex

Residential complex territory

- Comprehensive protection against intruders
  - detection
  - of unauthorized access
  - active response to intrusions

- Integration with other systems
  integration with elevator management

Active response to events

Control Center

- Unified management
  vehicles, personnel, CCTV

- High-quality event processing
  multiple notifications and event search

Control from a single center

Implemented solutions

Tenistaya Deluxe Residential Complex

Premium class complex in a quiet, green and picturesque area of Kaliningrad

- fenced area with two entrances equipped with automatic gates;

- innovative video surveillance system: heavy duty video recorder; IP video surveillance featuring video analytics based on neural networks; functions of patrol, auto scan, vertical scanning, panoramic scanning, random scanning and frame scanning;

- round-the-clock security post;

- modern IP intercom.

DAP YAPI Residential Complex

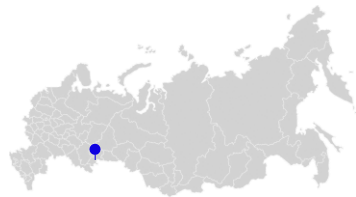Premium class residential complex with developed infrastructure in Istanbul, Turkey

- fenced area with round-the-clock monitoring of all recreational areas, common areas and gardens;

- single system based on VMS TRASSIR platform;

- central control room arranged with the output of images from all video cameras to the video wall.

Implemented solutions

Newton Residential Complex

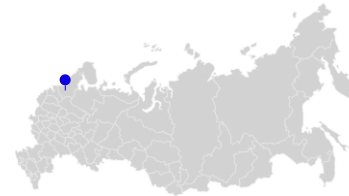Modern residential complex with modern conveniences, within the city of Chelyabinsk

- integrated security system: intercoms and access control systems;

- high fault tolerance of hardware and software;

- single platform for Linux-based security system;

- local representation in the region for the immediate solving of all issues, as well as a service center;

- technical support and in-service maintenance.

LEGENDA Dalnevostochnogo Residential Complex

Chamber SMART-project of the second generation in St. Petersburg

- fenced area with two entrances equipped with automatic gates;

- innovative video surveillance system: heavy duty video recorder; IP video surveillance featuring video analytics based on neural networks. Control of the entrance and exit from the parking lot, entrances to buildings, zones of playgrounds and sports grounds in the courtyard, elevators and elevator lobbies, as well as on-street parking;

- control room and round-the-clock security post;

- modern IP intercom.

Shopping centers

Helps identify your audience and their needs

Tracking of visitor traffic

Capabilities

- The most accurate visitor counts
- Multi-factor analysis of visitors by gender, age, nationality
- Behavior analysis in different spaces: lounge areas, food courts
- Track visitor paths and areas of interest

Solution

TRASSIR Neuro Counter

a module for counting visitors crossing a specified boundary

TRASSIR Cross-camera tracking

identifies people, plots movement routes, and displays people's location on a map in real time

Heat Map on Map

a multi-camera "heat map" of people's movements in the retail space

Face Recognition & Face Analytics

a biometric module for facial recognition and target audience characterization

Helps justify rental rates

TRASSIR®

Convert analytics into purchases

Capabilities

- Calculates conversion of visitors into buyers

- Forecast of seasonal spikes in purchasing activity

- Count of potential visitors passing by shop windows

Solution

TRASSIR Face Recognition & Face Analytics

face analysis module, which includes counting unique visitors, demographic analysis (gender, age), racial recognition, facial attributes (glasses, headgear, mustache, hair color);

TRASSIR Neuro Counter

a module for counting visitors crossing a specified boundary

Enhanced security

Capabilities

- Identify unwanted visitors, such as homeless people, and suspicious behavior.
- Supervision of items left unattended
- Reduced risk of theft and other illegal activities

Solution

TRASSIR Neuro Detector

is an object detection and classification module

TRASSIR Neuro Left Object Detector

is a smart module that detects abandoned objects

TRASSIR Theft Prevention

a module to prevent theft

TRASSIR Pose Detector

is a smart module that allows you to detect unwanted behavior
based on motion and human behavior algorithms

Indoor
and outdoor parking

Improved safety in parking lots

The solution automatically detects license plates and checks them against the entered data

Indoor parking

Which tasks we solve

- Organize access to the parking lot in accordance with purchased/leased parking spaces

How we do this

- We manage entry to the site by allowing cars into the parking lot, provided they have an assigned space, and it is vacant

- Panoramic IP video surveillance (CCTV)
- AutoTRASSIR
- TRASSIR Parking Indoor S/Multi

- TRASSIR Parking Analytics
- Access control and management
- Parking barrier or other equipment

Improved safety in parking lots

The detector automatically detects vehicles in the video stream by counting how many there are in the parking lot and highlights
them with frames for quick identification

Outdoor parking

Which tasks we solve

- Visualize parking in the app and report the number of available spaces and their location

How we do this

- Real-time analytics of outdoor parking lot status in the app. The option expands the capabilities of cameras installed for security, resulting in more efficient parking areas

✔ Panoramic IP video surveillance (CCTV)

✔ TRASSIR Parking Analytics

TRASSIR Parking tracks cars in the parking lot

What functions it performs

Know the number of vehicles in the parking area

Know the exact time vehicles enter and exit the parking lot

Know the number of available and occupied spaces and display on the screen

How it works:

Keeps a record of vehicles entering and exiting the parking lot, stores license plate number, photo and exact time of entry and exit
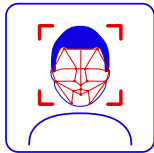
Calculates the time cars stay in the parking lot

Displays information about the current parking status and vehicle movement history on the operator's screen
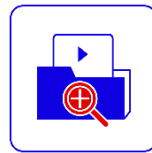
Service analytics

Equipment health analytics and early warning of hazards enhances the potential of cameras and reduces the workload of contact center and security personnel
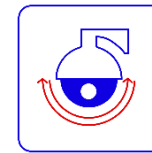
Face Recognition

Search for a specific person in the archive using a photograph and/or demographic characteristics
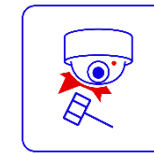
ActiveSearch+

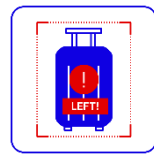Search for motion in a selected zone according to specified parameters

ActiveDome

Rotating camera control

Sabotage Detector

Detecting out-of-focus cameras, lens obstruction or backlighting, signal loss
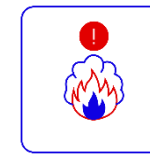
Neuro Left Object Detector

Detection of abandoned objects

Sound Detector

Notification when the specified volume level is exceeded

Fire & Smoke Detector

Search for a specific person in the archive using a photograph and/or demographic characteristics

TRASSIR®

USA

Mexico

United
Kingdom
Germany
France
Spain
Morocco
Algeria

Latvia
Estonia
Belarus
Moldova
Romania
Georgia
Armenia
Turkey
Lebanon
Israel
Kuwait
Qatar
Egypt
Saudi Arabia
Oman

Kazakhstan

Kyrgyzstan
Tajikistan
Azerbaijan
UAE

India
China
Taiwan
Thailand
Vietnam

Nigeria

Colombia
Ecuador
Brazil

Paraguay

Mauritius

Republic of
South Africa

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