Video Surveillance System for a premium residential complex

Residential and Commercial property

Turkey, Istanbul

"DAP YAPI"

"DAP YAPI" is an innovative premium residential complex that provides its residents with a high level of service and security, as well as well-developed internal infrastructure.

Comprehensive customer security is our top priority. The above technical solution is indicated as a standard one.

Solution

- VMS TRASSIR;
- IP cameras TRASSIR.

Project objectives

Amid the intense competition dominating the residential real estate market, the developers are all the more compelled to create added value for customers.

Unconventional design solutions integrating comprehensive infrastructure packages combined with a high standard of service have long ago become an inherent must for premium residential developments. ver the recent years, this 'musts' list has included the customers' steadily growing need for security.

Surveillance in the field

To achieve the customers goals, we installed a 24/7 CCTV system covering all the recreational, common, and garden areas.

IP cameras form a single VMS TRASSIR-based system, streaming the data to the compound's central control room, and the image is displayed on the video wall so the security team can respond fast to any incidents like spotting strangers, trespassers or non-permitted vehicles or other situations needing a response.

Outcome

By applying automated CCTV technology to solve routine tasks, we were able not only to make the property really safe for its residents, but also helped make the security services become appreciably more effective.

TRASSIR®

Video Surveillance System for International Airport

Transportation and Warehousing

Kazakhstan, Almaty

Video Surveillance system for International Airport

Almaty International Airport is the largest airport in Kazakhstan and the busiest in all of Central Asia. There are up to 220 flights per day.

Project objectives

The airport security is a critical field of protecting most vulnerable assets of strategic importance with the management and operating teams are facing new challenges all the time due to the inherently high counter terrorism requirements.

Solution

- TRASSIR IP - a professional recording and visualization software;
- TRASSIR Face Recognition;
- TRASSIR Left Object Detector;
- TRASSIR ActiveDome - unique, high-speed reversing camera control modules;
- TRASSIR ActiveDome FIX - extra observation channel modules;
- TRASSIR Client network stations;

Additional

- The large number of video recorders with video analytics support within a single facility;
- Organization of five network workplaces;
- Wide analytical tools for the security of a full cycle.

Comprehensive customer security is our top priority. The technical solution indicated above is the standard solution.

Surveillance in the field

To improve the airport's video surveillance system to comply with counter-terrorism regulations.

Outcome

- Wide functionality with an impressive balance of price and quality;
- Economy on back - end part;
- Deployment of the pilot on the object.

TRASSIR®

Video Surveillance System
for the administrative building

Smart city

District Administration (Akimat) Building in Atyrau

The office of the Akim of Atyrau region provides guidance and control over the activities of the akimat and akim in Kazakhstan's unofficial oil capital.

Project objectives

The recent years saw the breakthrough in the video analytics domain. Systems have become able to spot scores of incidents and to generate scores of incident alerts) they used to be able to spot and generate, and their capabilities and functions range are expanding consistently.

Kazakhstan, Atyrau

Solution

- IP-cameras with vandal-proof casing;
- TRASSIR DuoStation Pro NVR;
- TRASSIR Face Recognition;
- Sigur ACS, plus a Surveillance and E-Fit Facial Identification analytics module;
- TRASSIR Sigur software enables integration with the Sigur ACS.

Surveillance in the field

To deploy the ACS and CCTV systems.

Additional

- Integration with existing ACS;
- Innovative facial recognition technology;
- Minimizing manual operations and increasing security levels at the facility.

Outcome

- Easy work with the archive;
- Working with databases;
- Face detection from any angle.

Comprehensive customer security is our top priority. The technical solution indicated above is the standard solution.

Video Surveillance System
for hypermarket chain

Retail and Horeca

TRASSIR

Özdilek

An ÖZDİLEK supermarket

An ÖZDİLEK supermarket is the largest retailer in Turkey. Operating for 40 years, it combines 14 shopping centers, 7 supermarkets, 8 department stores, and more than 100 home textile stores.

Project objectives

A key function retail businesses tasked to software developers was to reduce store losses due to theft and human error.

Comprehensive customer security is our top priority. The above technical solution is indicated as the standard.

Solution

- TRASSIR UltraStation;

- TRASSIR ActivePOS - automatically detects violations and immediately sends notifications to employees responsible for the site;

- TRASSIR IP cameras.

Additional

- Integration with existing ACS;

- Innovative facial recognition technology;

- Minimizes manual operations and increases security levels at the facility.

Surveillance in the field

To enable visibility via video surveillance system and to monitor/control checkout operations.

Outcome
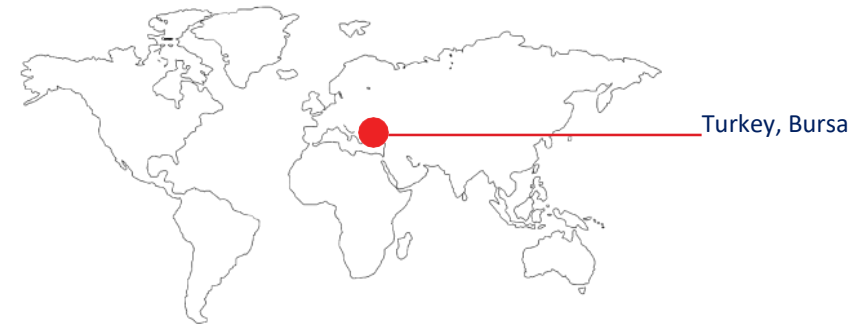
- Security team responds faster to any violations or suspicious incidents;

- Decrease of losses.

Turkey, Bursa

Video Surveillance System for non-woven fabric factory

Manufacturing

North America,
Europe, Middle East,
Eastern Europe,
India, China, Asia

Non-woven fabric factory

Single surveillance system based on all of the existing modules for an Israeli-based leader in the global manufacturing of market-leading, non-woven fabric solutions, supplying 33 countries worldwide from manufacturing sites in Israel, the United States, China with 68 outlets and factories all over the globe.

Comprehensive customer security is our top priority. The above technical solution is indicated as the standard.

Project objectives

Major businesses covering extensive geographical area generally need a single corporate video surveillance solution to monitor all of a company's systems from the same control center with the ability to generate video analytics reports from all subsystems in a consolidated manner.

Solution

- TRASSIR Enterprise IP, professional software for major distribution of video surveillance systems.

Surveillance in the field

To create a single surveillance system using all the company's existing modules and develop a scalable system as the corporate standard.

Outcome

- Monitoring the entire subsystem's functionality and availability;

- Visualization capabilities and centralized licensing;

- Single authorization point and account details;

- Access to 100% of the surveillance system's resources.

TRASSIR®

Video Surveillance System for the residential area

Smart city

TRASSIR

DOWNTOWN

Brazil, Rio de Janeiro

OownTown Centro

DownTown Centro is a project of a unique scale consisting of 20 sectors hosting a variety of stores, coffee shops, bars, and restaurants.
DownTown is a city within a city located within the heart of the country's second largest metroplex.

Project objectives

Increasing safety of shopping malls in a country with a high crime rate is a key added value component for shoppers.

Comprehensive customer security is our top priority. The above technical solution is indicated as the standard.

Solution

- TRASSIR AnyIP professional video recording and imaging software;
- LCD panels;
- IP cameras.

Surveillance in the field

To enable video surveillance monitoring for one of the center's sectors.

Additional

The system was fine-tuned to meet the customer's high standards and already contained analytics and convenient archiving capabilities, so the customer's extensive requirements for the system in terms of efficiency and convenience in use were met 100%.

Outcome

- 24/7 monitoring of the premises;
- Automatization of routine tasks for the security team.

Video Surveillance System for steel plant

Manufacturing

Colakoglu Metalurji smelter

Colakoglu Metalurji smelter is a major steel industry manufacturer with more than 75 years of history. Extensive development and continuous investment in innovation has allowed the company to become a recognized industry leader, as well as to receive prestigious industry awards annually.

Comprehensive customer security is our top priority. The above technical solution is indicated as the standard.

Project objectives

In the steel industry, it is crucial to comply with the strict occupational safety requirements as failure to respond rapidly can lead to injury and even death.

Solution

- TRASSIR IP cameras;
- NVRs;
- Control area with video wall.

Turkey,
Kocaeli Province

Surveillance in the field

To ensure safe operation within steel processing shops and maintain perimeter security.

Outcome

All cameras installed at the smelter stream to the video wall located in the control area, and smart scenarios provide tools to respond to unauthorized visitors or other threats, as well as instances of occupational safety neglect.

TRASSIR

Video Surveillance System
for residential complex

Residential and Commercial property

Turkey,
Istanbul

"INNOVIA 2"

INNOVIA 2 is a scenic premium-class, modern residential compound with its own infrastructure. Due to its convenient location and high level of service, the complex is popular among tourists visiting Istanbul.

Solution

- VMS TRASSIR;
- TRASSIR UltraStation;
- CCTV cameras;
- Analogue NVRs;
- SIMT movement detectors.

Project objectives

The "INNOVA 2" luxury compound encompasses residential buildings and a wealth of infrastructure, covering an area of 93k square meters. It includes playgrounds, sports zones, beauty salons, coffee shops, supermarkets, and swimming pools.

Residents enjoy a high level of service that is hard to imagine in the modern world without security services and systems.

Surveillance in the field

To ensure 24/7 monitoring of the compound and its buildings.

Outcome

- Single hybrid system;

- Improving the security team's efficiency using convenient archiving and retrieval, and quick response capabilities for certain scenarios triggered by automated alerts;

- Security staff and equipment respond to specific events without constant monitoring of video streams from an array of cameras.

We care about the safety of our customers. This solution is given as a typical one for the industry.

Video Surveillance System
for construction materials distributor

Transportation and Warehousing

Romania

ARABESQUE

ARABESQUE is Romania's No. 1 construction solutions supplier and distributor with 38 points of sale and 21 warehouses at various locations within the country. The company has over 3 200 employees, and its logistics are carried out by a fleet of over 1 000 specialized trucks.

Comprehensive customer security is our top priority. The above technical solution is indicated as the standard.

Project objectives

Enabling automated control of warehousing facilities in order to prevent theft and other errors in handling goods is a key task for any major company with an extensive network of warehouses.

Solution

- TRASSIR IP cameras;
- NVRs;
- Control area with video wall.

Surveillance in the field

To enable access control for individuals and vehicles and secure the perimeter.

Outcome

- Reducing security costs by more than 30;
- Quick archive search for violation incidents;
- Setting up incident alerts for the security service;
- Loading and unloading operation monitoring.

Video Surveillance System
for Cardboard production

Manufacturing

ROMCARTON

ROMCARTON is a major Easten European corrugated cardboard packaging mill with an area of nearly 35 000 square meters.

Solution

- VMS TRASSIR;
- AutoTRASSIR license plate recognition system;
- TRASSIR Neuro Detector module to detect both people and vehicles;
- TRASSIR Face Recognition.

Project objectives

All industrial businesses seek not only to ensure the security of their assets, but also to monitor production operations and compliance with occupational safety precautions and numerous other requirements.

It is important that in addition to monitoring and security functions, customers also have monitoring processes that are automated to the full possible extent to provide fast responses and extensive involvement of security personnel.

Surveillance in the field

To enable occupational safety and thoroughly monitor production operations.

Outcome

- Reduction of security payroll costs by approximately 25;
- Notification scenarios implemented;
- Minimization of false positives.

Additional

- 24/7 monitoring of all areas of interest;
- The overarching platform combines CCTV systems with the ACS;
- Analytical modules for object detection and facial recognition;
- Comprehensive.

Romania, Bucharest
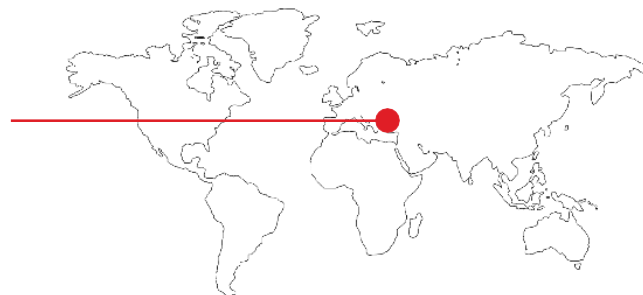
Comprehensive customer security is our top priority. The above technical solution is indicated as the standard.

TRASSIR

Tema İstanbul

TRASSIR Ensures Security of the Largest Residential Complex in Istanbul

Residential complexes

TRASSIR

Tema Istanbul, residential complex

Europe's largest ultramodern residential complex (1.5 million sq. m) designed to accommodate 16,000 people. It is promoted as an ambassador of new culture and lifestyle: its all-inclusive centre contains 3,530 apartments, a shopping mall, residences, parks, swimming pools, playgrounds, and service infrastructure.

Video surveillance in the industry

For residential complexes:

- Ensuring security on the territory and around its perimeter;

- Prevention of theft, vandalism, damage to equipment, vehicles;

- Prevention of fires, terrorist attacks;

- Control of access to the territory;

- Optimisation of parking management and usage;

- Control over staff performance;

- A video archive with long-term storage of video recordings can be used as an evidence base for identifying crimes and resolving conflicts.

Project objectives

- Implement a surveillance system that ensures total control over the territory and guarantees the safety of residents, visitors, and property. Scalable and provides 'health control' - a self-diagnostic tool for malfunctions that allow prompt correction;

- Optimise the staff and the security service duties;

- Provide checkpoint access control;

- Create a deep archive that stores the evidence base for the investigation of criminal or controversial situations.

Solution

We have implemented an uninterrupted video surveillance system with TRASSIR Cloud self-diagnostic services, a 'deep' cloud archive. The system reduces the workload of security services, is scalable, and allows for capacity increase. Equipment used:

- IP cameras;

- TRASSIR SIMT - multifunctional motion detector and tracker;

- AutoTRASSIR analytical module;

- TRASSIR Cloud self-diagnostic service;

- TRASSIR Cloud archive.

Benefit

The customer is completely satisfied with the TRASSIR video surveillance system solution: full control over a territory exceeding 1.5 million sq. m and its perimeter, making the facility an unattractive site for robbers. TRASSIR SIMT intelligent tracking detectors ensured optimisation of security service staff and their duties. AutoTRASSIR at the checkpoint provided recognition   of vehicle license plates, automatic entry/exit of vehicles. The TRASSIR Cloud self-diagnostic service reports malfunctions and other problems making it possible to fix them quickly. An archive of video recordings is stored in the cloud. The base of collected evidence makes it easy to find offenders and perpetrators of property damage. Video surveillance increased staff discipline and labor productivity at the complex. The system is scalable, making it possible to extend and increase the number of controlled zones. The number of channels will soon reach 800, and Tema Istanbul will become the largest and safest residential complex in Turkey.

TRASSIR

TRASSIR Improves Service in
Fast Food Restaurant

Fast food restaurants

Best Burger in Town fast food chain

Rapidly developing, ambitious fast-food restaurant chain Best Burger in Town (BBT) specializing in burgers for takeout.

Project objectives

To integrate a new CCTV system with the customer's existing POS system, including

- Implementing four drive-through lines with vehicle and licence plate recognition in the order area, pickup area, and parking area for distributing completed orders;
- Securing the parking area;
- Counting visitors;
- Monitoring anti-epidemic measures.

Surveillance in the field

- Security of the premises and perimeter;
- Monitoring staff productivity and occupational safety compliance, anti-epidemic measures;
- Preventing theft, equipment damage, checkout fraud;
- Compliance with cooking technology use;
- Investigating disputes.

Solution

We implemented a system of four drive-through lines optimising queue management and reducing waiting time.

- 4 TR-D2253WDZIR7 cameras;
- TRASSIR NeuroStation Compact RE network video recorder;
- AutoTRASSIR - an automatic license plate recognition module;
- TRASSIR Neuro Detector - object detection and classification based on neural networks;
- TRASSIR Neuro Counter - a neural network- based object counter.

Outcome

A new video surveillance system integrated with the customer's existing POS system has been implemented. It recognises license plates from the State of Kuwait, provides analytics on returning customers and target audience, and prospects for new loyalty programmes. 24/7 surveillance enables monitoring of compliance with anti-epidemic measures and cooking technology use, quick dispute resolution, and security. As a result, waiting time for orders was reduced by 30%, the number of mistaken order deliveries fell to zero, and both client loyalty and quantity increased. The customer is completely satisfied with the solution.

TRASSIR worked with Blatean Security Solutions to ensure security at the Kuwait National Guard Training Center

Training centres, Military

Project objectives

To improve the reliability and quality of the video surveillance system at Guard Training Centre with minimal costs: integrate TRASSIR equipment with cameras (partially outdated, analogue) and DVR by Commax brand, thereby preserving the working equipment but at the same time modernising and scaling the existing structure.

Solution

Modern cameras and recorders by TRASSIR are integrated with Commax cameras and DVR system previously installed by the customer.

الحـرس الوطني الكويتي
Kuwait National Guard

Kuwait National Guard - Educational center

Kuwait National Guard Training Centre - an independent military institution designed to protect Kuwait.

> Comprehensive customer security is our top priority. The above technical solution is indicated as the standard.

Surveillance in the field

- Safety of health and life of all visitors of the training centre;

- Prevention of terrorism, fights, hooliganism, distribution of drugs, alcohol;

- The safety of the property of the training centre and trainees against thefts, fires, vandalism.

Outcome

All the tasks assigned to the video surveillance system have been accomplished. Modernisation costs are minimised due to successful integration of modern equipment by TRASSIR with a system previously installed by the customer, including partially outdated cameras and DVRs of Commax brand.
TRASSIR met the challenge that turned out to be incapable for competitors. The customer's existing video surveillance system has been updated and scaled with minimal investment.

The State of Kuwait

TRASSIR Improves Quality of Service
in a Fast Food Restaurant

Fast food restaurants

TABCo. FOOD

Tabco food Object: Elevation Burger restaurant

American fast food restaurant chain specialising in organic hamburgers. Over 40 branches in the US, Bahrain, Kuwait and Qatar.

> Comprehensive customer security is our top priority. The above technical solution is indicated as the standard.

The State of Kuwait

Project objectives

Implement a CCTV system integrated with the customer's checkout system with feature set including:

- Implementation of a drive-thru system with vehicle and license plate recognition in the ordering, pickup, and parking areas for handing over completed orders;

- Securing the parking area;

- Counting visitors;

- Monitoring anti-epidemic measures.

Surveillance in the field

- Site and perimeter security;

- Monitoring workforce productivity and safety, anti-epidemic measures;

- Preventing theft, equipment damage, checkout fraud;

- Compliance with cooking technology use Investigating disputes.

Solution

- TRASSIR NeuroStation Compact RE network video recorder;

- TRASSIR outdoor IP cameras;

- AutoTRASSIR - an automatic licence plate recognition module;

- TRASSIR Neuro Detector - object detection and classification based on neural networks;

- TRASSIR Neuro Counter - a neural network based object counter.

Outcome

The CCTV system was trained to recognise license plates from the Republic of Kuwait and integrated with a checkout system. Quick vehicle identification increased service speed. 24/7 surveillance enabled monitoring compliance with anti-epidemic measures and cooking technology use, quickly resolving disputes and ensuring security. The customer is satisfied with the solution and intends to expand the system for managing parking and analyzing visitor traffic.

TRASSIR

NATIONAL BANK OF TAJIKISTAN

БОНКИ МИЛЛИИ ТОҶИКИСТО

TRASSIR ensured safety for the National Bank of Tajikistan

Banks

Republic of Tajikistan, Dushanbe

БОНКИ МИЛЛИИ ТОҶИКИСТОН

National Bank of Tajikistan

The Central Bank of the Republic of Tajikistan acts as a state bank, storing and managing foreign exchange reserves and licenses. It also supervises and regulates the activities of other banks and non-banking financial institutions.

Project objectives

Equipping the bank's offices across the country with a reliable centralised video surveillance system with high fault tolerance and a deep archive for data storage compatible with software and equipment from third-party manufacturers, easily scalable with the possibility of gradual expansion. Providing monitoring of technological processes to improve the quality of service, monitoring employee conduct, and occupational safety.

Surveillance in the INDUSTRY

- Ensuring the safety of bank and visitor property, including ATMs;

- Monitoring places of receipt, disbursement, counting and storage of money to identify threats and provide prompt response;

- Collecting and storing video evidence for analysis in emergencies;

- Quality control of service, employee conduct, occupational safety.

Solution

TRASSIR has implemented its video surveillance system to integrate video surveillance in distributed Bank offices. The system is centralised, error-free, fault-tolerant, easy to operate and maintain, has a user-friendly interface and software seamlessly integrated with customer equipment, with options for scaling and gradual capacity increase.

An archive for long-term, secure information storage. We used:

- 700 pcs IP cameras by various vendors;

- 6 units of UltraStation 16/10 SE TRASSIR IP recorder.

Outcome

TRASSIR centralised video surveillance system with high fault tolerance and a 127.33TB archive for storing data effectively targeted all established objectives. The head of the Security Service is confident that the video surveillance system is failure-free, and all data is stored in an extremely secure place.

UltraStation 16/10 TRASSIR IP recorder supporting RAID 5 disk array technology and HotSwap offers the guarantee of complete security. Monitoring staff to assess compliance with service quality standards is now possible. The customer is satisfied and plans to equip all new offices with TRASSIR video surveillance systems.

Comprehensive customer security is our top priority. The above technical solution is indicated as the standard.

TRASSIR Ensured Security at Oil and Alcohol Storage Facility in Paraguay

Oil and Alcohol storage facility

Terminales y Logistica Portuaria SA: TLP

Terminales y Logfstica Portuaria SA (TLP) is engaged in the transportation, delivery, storage and shipment of oil, alcohol and vegetable oil in Paraguay. It is a high-risk site that needs extreme measures to ensure its safety.

Surveillance in the industry

Ensuring security onsite and perimeter-wise for equipment and vehicles, staff and visitors involving round-the-clock visual monitoring and monitoring of events in real time and archival data analysis.

Monitoring compliance with safety regulations and labour discipline.

Paraguay, Asuncion

Project objectives

To ensure an integrated approach aimed at both safety of work processes and processing and storing incoming data:

- Perimeter security and onsite security control shall be implemented through a single online surveillance system integrating existing equipment;

- To introduce technologies for recognisingtruck license plates, state registration numbers are automatically entered into a special record-keeping system;

- Create remote access for operators, including mobile clients.

Outcome

Customer received an easy-to-implement and cost-effective solution ensuring the most reliable protection of a high-risk facility as well as the information from the cameras itself.
The TRASSIR video surveillance system monitors the security of the facility according to a certain schedule both in real time and using archived data. A number plate recognition system has been implemented, automatic access to the territory has been organised. Remote access has been provided for operators, a mobile client has been developed to view cameras using mobile phone outside the workplace. In case of risky situations TLP employees receive system alerts in Telegram messenger. In the future TLP plans to use the obtained information arrays to study the capacity of terminals and create a detailed database of trucks potentially applicable in other systems of the company.

Solution

Together with its regional partner INOVASI S.R.L, TRASSIR has created a professional video surveillance management system (VMS). Network video recorders and IP cameras of another vendors have been integrated into our NVR.

We used:

- 3rd party NVRs integrated into TRASSIR NVR;

- IP cameras of various vendors and TRASSIR;

- AutoTRASSIR intelligent license plate recognition module.

TRASSIR®

TRASSIR Neuro Detection Technology
Secures Bin Nabhan Mosque in Kuwait

Public institutions, Religious centres

Bin Nabhan mosque

The Bin Nabhan mosque was founded in 1871 by Ibrahim Nabhan. It is a well-preserved architectural monument, a centre of tourism and pilgrimage for believers.

Outcome

Full monitoring of the territory and perimeter of the mosque, including parking areas. Outdoor cameras detect gatherings of guests near the walls and on neighbouring streets.
Special monitoring of restricted areas and sacred sites.
Neuroanalytics reduces false triggering and notifies intrusion into a restricted area. The health, life and peace of mind of clerics and visitors, the property of the mosque and worshipers are protected. The face recognition feature detects undesirable and dangerous visitors at the entrance. The customer is satisfied with the solution, helping the further expansion of TRASSIR CCTV systems in Kuwait.

> We care about the safety of our customers.
> This solution is given as a typical one for the field.

Surveillance in the field

Kuwait has very high security demands, so the choice of TRASSIR CCTV systems is certainly a victory for the company in the global market.

Religious public organisations require:

- The safety of all visitors and staff at the mosque: protection from terrorism, vandalism, anti-social behaviour;

- Securing the property of worshipers and staff at the mosque.
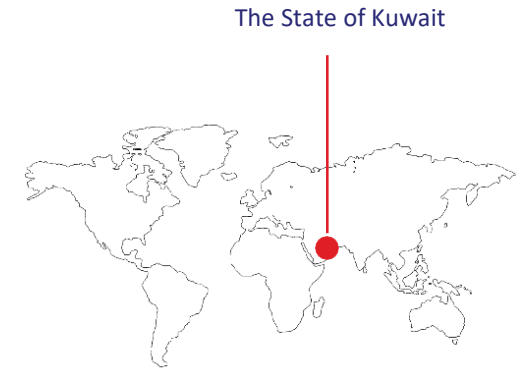
Solution

24/7, uninterrupted, easy-to-operate and maintain CCTV system with a user-friendly interface and software

Equipment used:

- TRASSIR Mini NVR AF 16;

- TR-D4D2v2/TR-D4B6 cameras;

- TRASSIR Neuro Detector;

- TRASSIR NeuroStation Compact RE neural network-based IP video recorder.

The State of Kuwait

Project tasks

- Securing the site of the mosque, including parking areas, by using a reliable, fail-safe 24/7 CCTV system with a user friendly and easy-to-learn interface;

- Tighter monitoring of restricted areas;

- Detection of ban listed persons at the entrance to prevent entry into the mosque.

TRASSIR Ensures Security at Haliç University in Turkey

Public institutions

TRASSIR® ———

Turkey,
Istanbul

Halic University is a foundation university, which was founded 23 November 1998 by the Children's Leukemia Foundation in Turkey. Today, Halic University in Istanbul has over 12 000 students, and nearly 20 000 graduates. The university's premises includes 11 buildings, 65 laboratories, a conservatory, a basketball field, a tennis court, an indoor Olympic swimming pool, an indoor parking lot, and a cafeteria.

Comprehensive customer security is our top priority. The above technical solution is dedicated as the standard.

Project tasks

One of the project's main objectives is to provide security for students, faculty and administration throughout the university campus.

Solution

- TRASSIR VMS;
- 75 pcs TRASSIR Neuro Detectors;
- TRASSIR IP cameras;
- 8 pcs AutoTRASSIR 30;
- 25 pcs TRASSIR Neuro Counter;

Surveillance in the field

- To achieve the customers goals, we installed a 24/7 perimeter surveillance with the ability to generate alarms when intruders enter restricted areas;

- Automated the entry and exit of cars at checkpoints to the territory of the educational institution using established lists;

- Provide the system to accurately count employees and students in specified areas;

- Neuro Detector, installed in conjunction with the access control system, allows you to grant personnel access to certain objects according to previously created white and ban lists.

Results

- Installing and integrating TRASSIR VMS with the existing system helped to provide a single TRASSIR window for system control;

- The system for TRASSIR license plate recognition at university entrances has significantly reduced the workload of security personnel;

- Perimeter security of the facility is provided 24/7. Any unauthorized entry is detected by the system and generates alarm events;

- TRASSIR VMS and analytical module installation helped automate security processes at the site as well as reduce security costs.

Feast Food Festival Saudi Arabia

Public places

Saudi Arabia

Project Objectives

- Collect statistics on the number of visitors;

- Create a portrait of visitors - namely, obtaining accurate information about unique visitors and dividing into age and gender groups;

- Ensure the safety of all guests to the event.

Solution

- TRASSIR IP cameras;
- TRASSIR NVRs (NeuroStation series);
- Face Recognition;
- Face Analytics;
- Neuro Counter.

About the event

Saudi Feast Food Festival, the largest of its kind in the Middle East was held December 12, 2022 - December 29, 2022, hosts visitors in a unique experience to consolidate and sustain Saudi cuisine. Various dishes from all regions of the Kingdom were introduced by local and international chefs. It is characterized by a variety of recreational, cultural, and educational activities for all ages in a winter atmosphere. The festival includes a palm and dates exhibition, a business, a restaurant, children's, a workshop, a theater and a competition zones.
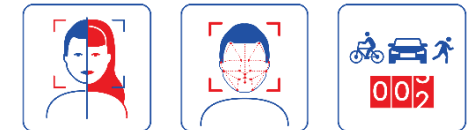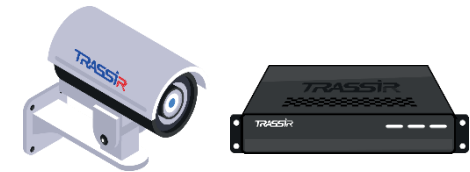
Results

1. Thanks to Neuro Counter functionality, the event coordinators were able to obtain statistics on event attendance, specifically:
   - total number of visitors;
   - number of unique visitors.

2. Facial recognition functionality helped to determine the age groups, as well as to find people in the facial database.

TRASSIR provides security at the Zorlu Raffles Hotel in Turkey

Hotels

RAFFLES
ISTANBUL

Project Objectives

Controlling access points to the hotel, as entrance to the territory is only designated to certain employees;

Receiving reports on arrival and departure times of staff.

Turkey, Istanbul

About the project

The Raffles Istanbul Hotel, with its terrace and pools, is the only hotel to be awarded 5 stars by Forbes Travel Guide in 2019. The hotel is located in the Zorlu Center shopping mall, with its elite restaurants, stores of world-famous brands, fitness center, and spa and wellness complex.

We implemented this project together with our partner TELEKOM ELEKTRONİK SANAYİ VE TİCARET A.Ş. (Karadag Group).

Solution

- NeuroStation 8200R/16;
- TRASSIR Neuro Detector;
- FaceWork Time script.

Results

Operators may now:

- Create an unlimited number of face lists;
- Create necessary reports;
- Respond promptly in cases of unauthorized access to the territory.

Comprehensive customer security is our top priority. The above technical solution is dedicated as the standard.

TRASSIR provides security at Saudi Logistics Services (SAL) in Saudi Arabia

Logistics centres

TRASSIR

SAL

About the project

Saudi Logistics Services (SAL) was founded in December 2019 and today is the leading air cargo operator in the Kingdom of Saudi Arabia. The company serves all Saudi Arabian airports and handles 99% of the country's incoming and outgoing air cargo, including offices at the four key hubs of Riyadh, Jeddah, Dammam and Madinah. This makes it the leader in logistics services in the Kingdom and a key driver in the transformation of the sector envisioned in Vision 2030, which aims to transform the Kingdom into a regional logistics hub that effectively links trade in Asia, Europe and Africa.

Video surveillance in the field

Currently, the main task is to replace and improve the existing security system being used in the Dammam office.

Comprehensive customer security is our top priority. The above technical solution is dedicated as the standard.

Project Objectives

- To replace the existing VMS at one of SAL's facilities, namely the terminal in Dammam, because it was not fulfilling the customer's needs;

- To integrate 300 cameras of different brands;

- Build a system from scratch.

Saudi Arabia

Project solution

- NeuroStation 8800R/64 INT - 5 units,

- TRASSIR AnyIP – 300 units.

Project results

Thanks to successfully replacing the current VMS with TRASSIR, the client now has a customizable system with a wide range of analytical tools which allows them to minimize their financial losses while reducing payroll, quickly react to unauthorized territory access, and achieve reliable, maximum protection for their high-risk logistics facility.

TRASSIR provides security for Doğankoç Grup in Turkey

Logistics centres

DOĞANKOÇ
ELEKTRONİK GÜVENLİK

Turkey, Istanbul

About the project

Since 1999 the Doğankoç Grup has been providing private security and security services to various sectors. There are several companies under the umbrella of Doğankoç Grup: Doğankoç Private Security company, Doğankoç Electronic Security and Ayışık Logistics & Human Resources.

The company provides reliable service to partners that are currently located in 30 provinces across the Aegean, Marmara, Central Anatolia, Mediterranean and Black Sea regions.

Video surveillance in the field

The main task is to replace and upgrade the existing security system used in the office.

Project Objectives

• Monitor and protect objects located in different locations from a single Doğankoç Grup center;

• Use the Neuro Detector video analytics module and unite the disparate system in TRASSIR CMS to monitor and secure the territory.

Project results

By using the Neuro Detector video analytical module and uniting the fragmented system into TRASSIR CMS, the client can successfully monitor and provide security. Using the Crow control panel whose alarm outputs are connected to the alarm inputs of the cameras and using a script, workers leaving the facility activate or deactivate the Neuro Detector on all channels. In case of unauthorized entry into facility territory, the client is immediately notified and thus takes timely measures to prevent theft.

Comprehensive customer security is our top priority. The above technical solution is dedicated as the standard.

Project solution

• TRASSIR Neuro Detector provides object detection and classification based on neural networks – 120 units;

• NeuroStation 8200R/16 - 5 units;

• TRASSIR AnyIP – 120 units;

• TRASSIR AnyIP Pro Upgrade – 120 units;

• NeuroStation 8400R/32 – 2 units;

• NeuroStation 8800R/64 – 1 units;

• TRASSIR Neuro Counter – 25 units;

• TRASSIR CMS;

• TRASSIR VMS.

TRASSIR®

JEUNE CHOISIS LES VALEURS POUR TRANSFORMER LE MONDE

JEUNE, SOIS LA PIERRE VIVANT

Kinshasa State School, DR Congo

Public institutions

Kinshasa State School, DR Congo

About the project

Educational institutions are important social facilities that require a careful approach to safety and comfort. Schools usually experience a large visitor flow of a certain age and status and therefore have high security and accessibility requirements. A successful TRASSIR project equipped Kinshasa State School in Kinshasa, DR Congo.

Video surveillance in the field

Currently, the main task is to build a system from scratch.

Project Objectives

The school was experiencing legal violations and bad behavior, so it became clear that the school's security needed an upgrade involving the installation of a proper video surveillance system. The main task was to provide school security staff with visibility over the school's territory so that they could monitor and control the premises.

DR Congo

Project results

The school has managed to reduce the number of violations and maintain much better control over the school territory.
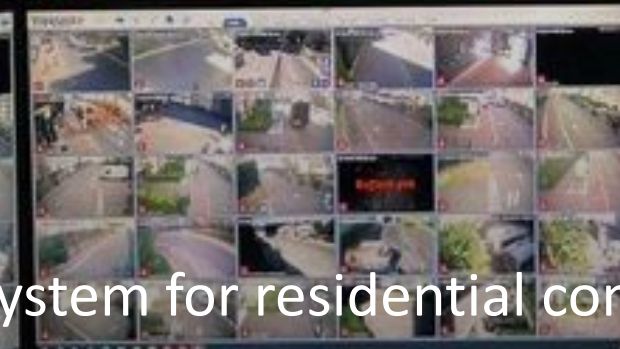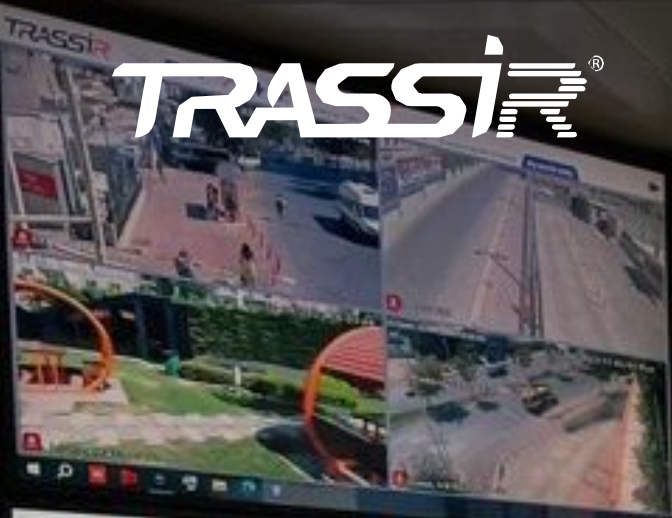
Comprehensive customer security is our top priority. The above technical solution is dedicated as the standard.

Project solution

- 1 x NVR NeuroStation 8800R/64,
- 47 x bullet cameras,
- 13 x PTZ cameras.

Video Surveillance System for residential complex

Residential and Commercial property

TRASSIR

"INNOVIA 3"

About the project

The INNOVIA 3 complex is located in Esenyurt, which is a well-known area. Consisting of 10 blocks and 3 293 apartments, INNOVIA 3 occupies a large plot of land with an area of 95,000 m², 85% of which is reserved for green/landscape areas and social facilities, such as children's playgrounds, gyms, an indoor parking garage, cafes and restaurants.

A successful TRASSIR project equipped this sizable area with TRASSIR VMS and other solutions throughout the site.

Video surveillance in the field

Guarantees the safety of all visitors and residents of INNOVIA 3 and protects from terrorism, hooliganism, theft, and fires.

Project Objectives

The main aim was to use the unified VMS and video analytical modules to provide better safety for the residents, manage and control access to the complex's territory, and prevent any unauthorized entrance by vehicles and people thanks to timely notifications and alarms.

Project results

Our TRASSIR solutions are planned to be added to new sites of INNOVIA, which are already under construction.

Comprehensive customer security is our top priority. The above technical solution is dedicated as the standard.

Turkey

Project solution

- NeuroStation 8800R/160-A8-S INT
- 160 pcs TRASSIR AnyIP,
- 40 pcs TRASSIR AnyIP win64,
- 20 pcs Neuro Detector.

TRASSIR

Çanakkale Province, Turkey

National historic landmark

Turkey

Çanakkale Martyrs Memorial (Gallipoli Peninsula Historical Site)

About the project

The Battle of Çanakkale, one of the most critical battles of the 1st World War, started on 18 March 1915 and continued until 9 January 1916. It was here that Ottoman soldiers fought a campaign against invading Allied forces trying to reach Istanbul.

400,000 soldiers from England, 500,000 from the Ottoman Empire, and 125,000 soldiers from France fought with the Anzacs in this war, and it therefore holds a very important place as it prolonged the war and caused a change of power in many countries.

The commemoration ceremonies culminate overlooking Çanakkale (Dardanelles) Strait. The peninsula is teeming with visitors these days: some are students on school trips while others are citizens who travel to the site with tours organized by municipalities.

A successful TRASSIR project equipped the site with TRASSIR VMS.

We implemented it in cooperation with our partner, LION TECHNOLOGY DIŞ TİCARET A.Ş.

Comprehensive customer security is our top priority. The above technical solution is dedicated as the standard.

Video surveillance in the field

The main task was securing the property of visitors and staff at The Gallipoli Peninsula.

Project Objectives

- The Gallipoli Peninsula was experiencing crime and poor behavior, making it clear that security needed an upgrade involving the installation of a proper video surveillance system;

- The main task was to provide Gallipoli Peninsula security staff with visibility over the territory so they could monitor and control all visitors' activities and vehicles.

Project results

The Video Management System and analytical software were integrated into hundreds of existing cameras in the Gallipoli Historic Area Presidency peninsula, and alarm system installation was completed in 2023.

Project solution

- TRASSIR AnyIP VMS - 300 units;

- 10 pcs Heatmaps;

- 22 pcs License Plate Recognition System and Reporting;

- 40 Person Counting System and Reporting modules;

- 35 pcs cameras, site security, critical facilities and museums, alarm system and reporting.

TRASSIR

Gaziosmanpaşa, Turkey

Residential property

Essenora residential complex

Turkey

Project Objectives

About the project

Essenora was built to increase living standards, add value to residents' lives and change the face of Gaziosmanpaşa by providing modern appeal. It includes not only standard apartments, but also terrace apartments, where people have terrace access from every room.

Essenora is located just by Vialand, which is the first and only European scaled team park, Forum Istanbul Shopping Center and others. The project is in front of the city park which is 50.000 sqm. Essenora includes a fitness center, sauna, sports facilities, indoor parking lots, playgrounds and a swimming pool, providing a complete life inside the residential compound.

We implemented this project in cooperation with our partner, LION TECHNOLOGY DIŞ TİCARET A.Ş.

- Implement a surveillance system that ensures total control over the territory and guarantees the absolute safety of residents, visitors, and property, while also providing scalability and self-diagnostics of malfunctions for prompt repair;
- Reduce staff and duties of the security service;
- Provide access control to checkpoint gates using license plate recognition;
- Create a deep archive that stores an evidence base for the investigation of criminal or controversial situations.

Project solution

- 30 pcs cameras, site security, critical facilities and restricted areas, alarm system and reporting;
- 10 pcs AutoTRASSIR (LPR) modules and reporting.

Project results

Video Management System and analytical software were integrated into the existing cameras at Essenora Residence, one of the most prestigious residence complexes in Istanbul, and alarm system installation was completed in 2022.

Comprehensive customer security is our top priority. The above technical solution is dedicated as the standard.

TRASSIR®

Edirne, Turkey

Manufacturing

Edirne Organized Industrial Zone

Turkey

About the project

Edirne Organized Industrial Zone is located on a 107 hectare area of Edirne Municipality, under the control of the Turkish Ministry of Industry and Trade since June, 22nd, 1995. There are many manufacturers exporting to EU countries. The site is very close to European Union borders.

We implemented this project in cooperation with our partner, LION TECHNOLOGY DIŞ TİCARET A.Ş.

Comprehensive customer security is our top priority. The above technical solution is dedicated as the standard.

Project Objectives

The main task of this project was to equip the area with a system to control, monitor and detect all license plates using AutoTRASSIR/200, a smart license plate recognition module.

Project results

The AutoTRASSIR (LPR) System and Average Speed Corridor System were integrated into existing cameras in the Edirne Organized Industrial Zone, and alarm system installation was completed in 2022.

Project solution

- AutoTRASSIR (LPR);
- Average Speed Corridor System.

TRASSIR

Faurecia Poliplex Automotive Factory, Turkey

Manufacturing

faurecia

Faurecia Poliplex Automotive Factory

About the project

With 111,000 employees in 33 countries, Faurecia is a top ten global automotive supplier, and Faurecia Poliplex Automative Factory is Renault Otomativ's largest supplier of spare parts. A successful TRASSIR project equipped the factory with The Neuro Detection (Area Violation) System integrated into existing cameras.

We implemented this project in cooperation with our partner, LION TECHNOLOGY DIŞ TİCARET A.Ş.

Comprehensive customer security is our top priority. The above technical solution is dedicated as the standard.

Turkey

Project Objectives

- Ensuring the safety of workers in the factory area;
- Create an alarm with a sound and a siren.

Project solution

- Neuro Detection (Area Violation) System

Project results

In the event of workers entering the area during forklift operation in critical areas within the factory, an audible siren warning was created using Neuro Detection analytics. As a result, the workers' safety was ensured within the scope of personal protective security measures. Alarm warning installation was completed in 2022.

Cengiz Makina Factory

Manufacturing

Cengiz Makina Factory

About the project

One of the leading players of the metal machining industry, renowned for its superior, high-precision products, Cengiz was incorporated in 1981, Istanbul.

The company has reputation for its superior and high-precision products in the machining industry. Since August 2014, Cengiz has been a fully owned subsidiary of the IMPRO Group.

Incorporated in September 1998, IMPRO is a leading global manufacturer of high-precision, high-complexity and mission-critical components for diverse end-markets including aviation, medical, construction equipment, farming equipment, highly-rated engines, hydraulic equipment, recreational boats and vehicles.

A successful TRASSIR project equipped Cengiz Makina, located in Tuzla, Istanbul. We implemented the project in cooperation with our partner, LION TECHNOLOGY DIŞ TİCARET A.Ş.

Turkey

Project Objectives

To ensure safe operation within the steel processing shops and maintain perimeter security using Neuro Detector.

Project solution

- Neuro Detector

Project results

The Neuro Detector was integrated into the existing cameras at Cengiz Makina, located in Tuzla, Istanbul, and alarm warning installation was completed in 2023.

Comprehensive customer security is our top priority. The above technical solution is dedicated as the standard.

TRASSIR®

Istanbul Acıbadem Kosuyolu Residence

Residential property

![TRASSIR]

Istanbul Acıbadem Kosuyolu Residence

Turkey

About the project

Acıbadem, one of the most valuable and elite districts of Istanbul, is where both modern life and neighborhood culture come together. In the Istanbul Acıbadem Residence adjacent to Acıbadem Street, a unique neighborhood unfolds where you can find both modern life and neighborhood culture. In cooperation with our partner LION TECHNOLOGY DIŞ TİCARET A.Ş., TRASSIR has implemented another successful project which will benefit the compound's residents, security staff and the property's safety.

Video surveillance in the field

Ensuring the security of the residents of Acıbadem Kosuyolu Residence, creating an alarm by detecting people attempting to enter without permission using perimeter cameras.

Project Objectives

- Implement a surveillance system that ensures total control over the territory and guarantees the absolute safety of residents, visitors, and property, while providing scalability and self-diagnostics of malfunctions for prompt repair;

- Reduce staff and duties of the security service;

- Provide checkpoint access control;

- Create a deep archive that stores the evidence base for investigation of criminal or controversial situations.

Project solution

- The Neuro Detection (Area Violation) System

Project results

The Neuro Detection (Area Violation) System was integrated into the existing cameras in Istanbul Koÿuyolu Mansions and the alarm warning installation was completed in 2023.

Comprehensive customer security is our top priority. The above technical solution is dedicated as the standard.

TRASSIR

Mata Automotive Factory

Manufacturing

Mata Automotive Factory

About the project

A successful TRASSIR project equipped Mata Automotive Factory located in Tuzla, Istanbul.

Mata Automotive was founded in 2004, with the global manufacturing expansion in recent years from its original sites in Istanbul, Turkey to Birmingham, UK and Nová Ves, Slovakia, Mata has quickly established itself as a cost-competitive and high-quality supplier of real wood and carbon fiber decorative components worldwide.

Mata holds all the appropriate certifications and accreditations required by the automotive industry and is well-placed globally to cater to specific customer and project requirements, whether these be one-off projects, or programs of over 100,000 vehicles per year.

We implemented this project in cooperation with our partner, LION TECHNOLOGY DIŞ TİCARET A.Ş.

Project Objectives

To ensure safe operation within the steel processing shops and maintain perimeter security using Neuro Detector.

Project results

VMS and 35 Neuro Detector Systems were integrated into existing cameras at the Mata Automotive Factory and alarm warning installation was completed in 2023.

Turkey

Project solution

- TRASSIR VMS;
- 35 pcs Neuro Detector.

Comprehensive customer security is our top priority. The above technical solution is dedicated as the standard.

TRASSIR

The Islamic University of Madinah, Saudi Arabia

Public Institutions

The Islamic University of Madinah

About the project

The Islamic University of Madinah was founded by the government of Saudi Arabia by royal decree in 1961 in the Islamic holy city of Medina. It provides Islamic, Arab sciences and other knowledge to students from over 170 countries who speak 50 languages. It deals with scientific research and community services, using the best technology to help distribute the message of Islam.
We are implementing this project with our partner in Saudi Arabia, Asaqefah Business Development Company.

Video surveillance in the field

Currently there are over 3000 cameras at the university.

Project Objectives

The main task was to upgrade and replace the security system and improve overall security at the University. The TRASSIR CCTV system will be used to monitor the activities of students, staff, and visitors, and will help ensure that everyone follows the rules and regulations.

Project results

We are currently in the process of setting up video analytics, after which we will move on to other areas of the university by covering most of the cameras.

In conclusion, TRASSIR has helped to maintain a safe and secure environment for everyone by providing effective surveillance that will help guarantee security and discipline in the future.

Comprehensive customer security is our top priority. The above technical solution is dedicated as the standard.

Madinah,
Saudi Arabia

Project solution

- NeuroStation 8800R/64 INT 6 pcs
- Neuro Counter licenses 24 pcs
- Direction Detector licenses 24 pcs
- Neuro Detector licenses 40 pcs
- TRASSIR AnyIP licenses 128 pcs
- Workplace Detector 40 pcs

Haliç Congress Center, Turkey

Public Institutions

TRASSIR

Haliç Congress Center

About the project

The 102,000-square meter Haliç Congress Center hosts events that are worthy of the brand value of Istanbul, the fastest developing and most preferred destination in recent years hosting a wide range of events, such as congresses, meetings, fairs, exhibitions, gala dinners, culture and art events. Haliç Congress Center has opened its doors with the 5th World Water Forum in 2009.

The only center of its kind on the shores of Istanbul, Haliç Congress Center brings aesthetics, flexibility and color to events with its completely sun-lit and spacious galleries. It boasts 16,000 square meters of outdoor area, a seating capacity ranging from 219 to 3,004 people, five state-of-the-art auditoriums, connecting foyer and gallery areas totaling 9,172 square meters. We implemented this project in cooperation with our partner, LION TECHNOLOGY DIŞ TİCARET A.Ş.

Project Objectives

- To ensure safe operation within the steel processing shops and maintaining the perimeter security using Neuro Detector;

- Implement a surveillance system to guarantee the absolute safety of visitors and the property;

- Reduce the staff and the duties of the security service;

- Provide access control to the checkpoints;

- Create a deep archive that stores the evidence base for the investigation of criminal or controversial situations.

Project results

TRASSIR modules were integrated into the existing cameras at the Haliç Congress Center, and the alarm warning installation was completed in 2022. It helped to insure a total control over the territory and guarantees the absolute safety to residents, visitors, property and provides total control over the territory. The whole system itself is scalable has some self-diagnostic capacity of malfunctions for prompt fixing.

Turkey

Project solution

- TRASSIR VMS;

- 25 Neuro Detectors;

- 6 AutoTRASSIR (LPR);

- 10 Neuro Counters;

- NeuroStation 8800R/128 INT.

Comprehensive customer security is our top priority. The above technical solution is dedicated as the standard.

Zorlu Center, Turkey

Commercial property

TRASSIR

ZORLU CENTER
İSTANBUL

Zorlu Center

Project Objectives

The main task was to control cars entering the center, also using Neuro Detector, the security staff wanted to control the prevention of entry of persons caught stealing from stores inside the mall.

Project results

The system's being fine-tuned in line with the customer's high standards together with the analytics and convenient archiving capabilities. The extensive clients' requirements in terms of the efficiency and convenience of using the video surveillance system were 100% met. In conclusion, TRASSIR has helped maintain a safe and secure environment for everyone by providing effective surveillance that will help ensure safety there in the future.

About the project

Zorlu Center is the first living space in Turkey that offers five functions together as residence, office, hotel, shopping center and culture & art venue. It presents a unique living space in the heart of Istanbul.

With over 200 brands at 74.643 sqm leasable area, Zorlu Center covers the largest green roof in Europe with its 10.000 sqm main square and 12.000 sqm park.

Zorlu Shopping Mall provides its guests with an exclusive shopping experience with its unique mix of brands: Asics, Bvlgari, Balenciaga, Dior, Dolce&Gabbana, Fendi, Louis Vuitton, Kafkas, Kısmet By Milka, Prada, Rolex, Sevan Bıçakçı, Valentino, Balmain, COS, Pomellato and so many others. Apple also opened its first store at Zorlu Shopping Mall in Turkey, based on its iconic cube store concept in New York.
Located in the heart of Istanbul, it is convenient to access from different locations, and the visitors preferring metro can also reach it easily.

A successful TRASSIR project equipped this sizable area with TRASSIR VMS and other solutions throughout the site. We implemented this project in cooperation with our partner, Karadag Group.

Video surveillance in the field

There were other cameras installed at this extensive area of Zorlu Shopping Center, and one of the tasks was to replace and improve the existing security system. The reason for this was that it did not meet the customer's needs and it was necessary to integrate cameras from different brands.

Turkey

Project solution

The first stage of the project was the launch in the Raffles Hotel and after the clients were convinced of the reliability of the solutions, the system was extended throughout the center. The main advantage is that TRASSIR can be easily integrated into existing video surveillance systems. Despite the fact that other popular brands' cameras are used inside the Zorlu Center, TRASSIR team easily integrated everything inside with TRASSIR VMS and launched analytics without additional costs for the client to change the infrastructure of video surveillance system.

• NeuroStation 8800R/160-A8-S INT - 1 pcs;

• Neuro Detector - 28 pcs;

• AutoTRASSIR 30/1 - 7 pcs;

• TRASSIR VMS.

Comprehensive customer security is our top priority. The above technical solution is dedicated as the standard.

TRASSIR®

Eclipse Maslak, Turkey

Residential complexes

Eclipse Maslak

About the project

Eclipse Maslak, which has 550 residences in total, is located at the center of Istanbul's business and social life. The Eclipse Maslak Project in Maslak built on a land area of 22 thousand square meters, has different types of apartments range from 54 to 232 square meters. The apartments located in the vertical blocks of Eclipse Maslak offer its residents city, forest view and mountain view as well as the privileges of living in a residence. Eclipse Maslak in Istanbul features different types of accommodations and a fitness center.

A successful TRASSIR project equipped this sizable area with VMS and other TRASSIR solutions throughout the site. We implemented this project together with our partners: LION TECHNOLOGY DIŞ TİCARET ANONİM ŞİRKETİ and GRL TEKNOLOJİ TİC. LTD. ŞTİ.

Turkey

Project Objectives

The customer wanted the entry and exit system for the cars to be fully automated, and the possibility to manage the occupancy of parking spaces. The customer also wanted a modern VMS for convenient monitoring of the territory with the use of video analytical modules. It was important to unify the entire system, which uses different brands of cameras, and to automate many processes using video analytics.

Comprehensive customer security is our top priority. The above technical solution is dedicated as the standard.

Project results

The video surveillance system at Eclipse Maslak Residence is now fine-tuned according to the customer's high standards, along with the new VMS and convenient analytics capabilities. The entry and exit system are now fully automated. Using the TRASSIR Parking script in the development, customers can easily manage the occupancy of parking spaces. By combining the unbundled system into a single TRASSIR VMS, the operators of residential complex can now optimally manage the VMS on the entire site. TRASSIR has made it possible to unify the entire video surveillance system, where different brands of cameras are used, and to automate many processes using video analytics.

Project solution

- NeuroStation 8200R/16 - 1 pcs;
- AnyIP - 16 pcs;
- AnyIP Win64 - 300 pcs;
- AutoTRASSIR 30/1- 4 pcs;
- AutoTRASSIR Parking - 1 pcs;
- AutoUniversal Script - 1 pcs;
- TRASSIR VMS.

Video surveillance in the field

Due to the fact that the facility had a disparate video surveillance system, it was highly inconvenient for the operators to switch between several interfaces.

TRASSIR

Nuri Körüstan Makina Metal San.Tic.A.Ş

Public Institutions

Nuri Körüstan Makina Metal San.Tic.A.Ş

About the project

Nuri Körüstan Makina Metal San.Tic.A.Ş is a metal finisher in Bursa, Türkiye, which provides full service in flame cutting, laser cutting, plasma cutting, waterjet cutting, guillotine shears cutting, press brake, bending with press, pipe, profile, stainless and sheet metal. The steel factory is operating in 18 000 m2 indoor, 2 000 m2 outdoor area with thousands of tons of stocked material.

TRASSIR has implemented this project together with our partner, LION TECHNOLOGY DIŞ TİCARET ANONİM ŞİRKETİ.

Video surveillance in the field

Nuri Körüstan Makina Metal San.Tic.A.Ş is a metal finisher in Bursa, Türkiye, which provides full service in flame cutting, laser cutting, plasma cutting, waterjet cutting, guillotine shears cutting, press brake, bending with press, pipe, profile, stainless and sheet metal. The steel factory is operating in 18 000 m2 indoor, 2 000 m2 outdoor area with thousands of tons of stocked material.

TRASSIR has implemented this project together with our partner, LION TECHNOLOGY DIŞ TİCARET ANONİM ŞİRKETİ.

Comprehensive customer security is our top priority. The above technical solution is dedicated as the standard.

Project objectives

• Ensuring safe operation within the steel processing shops and maintaining the perimeter security;

• Implementing a surveillance system to guarantee the absolute safety of staff, machinery and the property;

• Reducing the duties of the security service, covering the whole perimeter;

• Providing access control at the checkpoints;

• Creating a deep archive that stores the evidence base for the investigation of controversial situations during the working hours and at the nighttime.

Project results

TRASSIR modules were integrated into the existing cameras at Nuri Körüstan Makina Metal San.Tic.A.Ş. It helped to ensure a total control over the territory and increased level of safety to staff, machinery and the property.

By choosing TRASSIR, the client solved several requirements at once: the factory is now equipped with a secure archive storage, the ability to use video analytic modules, and a modern VMS. Since the installed TRASSIR server supports all analytics modules, the factory will only need to purchase the required module licenses and launch analytics.

As soon as the second factory is constructed, its CCTV system will also be completely based on TRASSIR solutions.

Turkey

Project solution

• NeuroStation 8800R/128 RAID INT – 1 pcs;

• TRASSIR AnyIP – 128 pcs;

• TRASSIR VMS.

Güven Orduevi Kıbrıs relies on TRASSIR to modernize security

Military

Güven Orduevi Kıbrıs relies on TRASSIR to modernize security

About the project

Güven Orduevi Kıbrıs is a military facility in Gazimağusa, Cyprus.

TRASSIR has implemented this project together with our partner, LION TECHNOLOGY DIŞ TİCARET ANONİM ŞİRKETİ.

Video surveillance in the field

The main objective of the project was to use license plate number recognition solution with high accuracy. It is possible to create license plate number lists and scripts for them. In addition, to perform a quick search by license plate number and control entry into the territory of a military facility.

Comprehensive customer security is our top priority. The above technical solution is dedicated as the standard.

Project objectives

• Ensuring safety within the building and maintaining the perimeter security;

• Implementing a surveillance system to guarantee the absolute safety of staff and the property;

• Reducing the duties of the security service covering the whole perimeter;

• Providing access control at the checkpoints and license plate recognition system for the vehicles leaving and entering the premises;

• Creating a deep archive that stores the evidence base for the investigation of controversial situations during the working hours and at the nighttime.

Project results

A huge advantage of the AutoTRASSIR 30/1 solution is that it can be used on existing cameras and no advanced features are required for the cameras, which significantly reduces the financial costs for the partner. Moreover, the licensing is lifetime, thus the customer is not faced with hidden paid upgrades after a certain period of time after using the solution.

At the moment, the project is a commercial pilot and after successful operation, TRASSIR solutions will be used throughout the entire territory of this military facility.

Cyprus

Project solution

• NeuroStation 8200R/16 INT - 1 pcs;

• TRASSIR AnyIP - 16 pcs;

• TRASSIR VMS;

• AutoTRASSIR 30/1 - 2 pcs;

• TRASSIR Parking Script;

• AutoUniversal Script.

TRASSIR

Safi Port relies on TRASSIR to maximize security

Transportation and logistics

Safi Port relies on TRASSIR to maximize security

About the project

The construction of Derince Port in Derince/Kocaeli, Turkey, which started in 1900 by the Anatolian Baghdad Railway Company, was commissioned in 1904 and transferred to the Republic of Turkey State Railways Authority in 1953. The port continues to operate under the management of Safi Derince Uluslararası Liman İşletmeciliği A.Ş. within the framework of privatization.

Safi Port is moving forward with its development plans: operational area has increased from 450,000 square meters to 1.2 million square meters. It's been announced that there is a plan to build a parking garage with a capacity of 1.5 million vehicles per year. With this rapid development and expansion, such a large area required a surveillance system that could detect potential threats around the clock.

TRASSIR has implemented the project for Safi Port together with our partner, LION TECHNOLOGY DIŞ TİCARET ANONİM ŞİRKETİ.

Video surveillance in the field

The main objective of the project was to use a convenient and modern VMS that allows to connect cameras of different brands. There is a large number of operators and TRASSIR VMS allows a detailed distribution of rights among them.

Comprehensive customer security is our top priority. The above technical solution is dedicated as the standard.

Project objectives

- Ensuring safety within the port territory and maintaining the perimeter security to guarantee safety of staff, ships and cargo;
- Installing video analytics that alert security to potentially critical events to intervene quickly;
- Providing access control at the checkpoints and license plate recognition system for the vehicles leaving and entering the sea port premises;
- Creating a deep archive that stores the evidence base for the investigation of controversial situations.

Project results

Installing and integrating TRASSIR VMS with the existing system helped to provide a single TRASSIR window for system control:

- The system for TRASSIR license plate recognition at the sea port entrances has significantly reduced the workload of security personnel;
- Perimeter security of the facility is provided 24/7. Any potentially critical events are detected by the system and generate alarms;
- TRASSIR VMS and analytical module installation helped automate security processes at the site and reduce security costs.

Turkey

Project solution

- TRASSIR VMS;
- AnyIP Win64 - 500 cameras;
- Health Monitoring Script;
- TRASSIR Users Rights Report Script.

TRASSIR delivers improved security to Kent Meydani AVM

Commercial property

TRASSIR delivers improved security to Kent Meydani AVM

About the project

Kent Meydanı Mall is located in the most famous square of Bursa, one of the most valued cities in Turkey. The project, which is located in the center of the city, was made possible by the partnership of Küçükçalık İnşaat A.Ş., Sönmez Turizm Emlak A.Ş. and Özipek İnşaat A.Ş. and has a total leasable area of 29,800 m2. It is designed within the European standards and is launched as an award-winning architectural project. The mall includes 104 different brands and has around 1,100,000 visitors per month. TRASSIR has implemented this project together with our partner, LION TECHNOLOGY DIŞ TİCARET ANONİM ŞİRKETİ.

Video surveillance in the field

The main objective of the project was to implement smart solutions based on neuroanalytics.

Comprehensive customer security is our top priority. The above technical solution is dedicated as the standard.

Project objectives

- Providing better security for mall visitors using various video analytics modules;
- Ensuring and upgrading fire safety within the building by installing TRASSIR Fire & Smoke detector;
- Reducing the duties of the security service covering the whole perimeter;
- Collecting information on the number of shoppers and obtaining statistics on the mall's attendance;
- Creating a deep archive and providing quick access to it, storing the evidence base for the investigation of controversial situations

Project results

Naturally, one of the main advantages of TRASSIR was that it allowed the customer to use any brand of cameras, thus reducing the cost of implementing video analytics solutions.

TRASSIR comprehensive solution has improved the existing security system:

- Helped reduce security payroll;
- Upgraded fire security in the building and on the whole perimeter;
- Minimized financial losses caused by theft;
- Eased navigation through databases of all sizes to find necessary video data with TRASSIR ActiveSearch+;
- Serves as an effective tool for marketing analysis.

At the moment, this is only the first stage of the project. In the near future, it is planned to launch video analytics modules at Kent Meydani AVM and add checkpoint access control and vehicle license plate recognition to automate the entry of vehicles into the area.

Turkey

Project solution

- NeuroStation 8800R/128 – 1 pcs;
- AnyIP - 128 pcs;
- Fire & Smoke Detector - 20 pcs;
- TRASSIR VMS;
- TRASSIR ActiveSearch+.

TRASSIR secured Misstanbul Evleri residential complex in Istanbul

Residential Complexes

TRASSIR secured Misstanbul Evleri residential complex in Istanbul

Turkey

About the project

Misstanbul Evleri residential complex is rising on a huge 101k land area and has 936 units. The project is located in Basaksehir, and there is definitely an option for any family thanks to the variety of apartments' designs; the flat sizes are from 95 to 236 sqm area. The project is more like small city in a city; having everything a family or residents might need, Misstanbul Evleri has it all there: an amphitheater, open air chess areas, Finnish hammam, swimming pool, massage room, mini zoo, library, outdoor or indoor café, and more. There are also many sport facilities like football, volleyball, basketball and tennis courts, walking tracks, fitness saloon. Misstanbul Evleri is a huge project, and security and safety are a big part of it.

TRASSIR has implemented this project together with our partner, LION TECHNOLOGY DIŞ TİCARET ANONİM ŞİRKETİ.

Video surveillance in the field

The main objective of the project was to implement smart solutions based on neuro analytics. Using TRASSIR solutions, the residential complex planned to use various video analytics modules to provide better security for residents.

Due to the fact that TRASSIR works with any brand of cameras, it was very easy to implement in the video surveillance system, which used cameras from different manufacturers.

Comprehensive customer security is our top priority. The above technical solution is dedicated as the standard.

Project objectives

- Ensuring safety within the building and maintaining the perimeter security;
- Implementing a surveillance system to guarantee the absolute safety of the residents and the property;
- Uniting the cameras from different manufacturers used on the territory in one system;
- Reducing the duties of the security service covering the whole perimeter of residential complex;
- Providing access control at the checkpoints for the vehicles leaving and entering the premises.

Project results

The security system operates 24 hours a day, and this is only the first stage of the project. In the near future, we will install video analytics modules at this facility.

There are plans to upgrade and expand the system to include automatic entry of cars into the complex and license plate recognition.

Project solution

The main advantage of TRASSIR is that you can use any brand of cameras and thus reduce costs for the client when implementing video analytic solutions.

- NeuroStation 8800R/128 – 2 pcs;
- AnyIP – 256 pcs;
- TRASSIR VMS;
- ActiveSearch;
- Motion Detector.

TRASSIR is selected to secure Dijital Deneyim Müzesi in Istanbul

Public Institutions

TRASSIR is selected to secure Dijital Deneyim Müzesi in Istanbul

Turkey

About the project

The museum was opened in early 2024, implemented by Istanbul Metropolitan Municipality Culture Inc. It offers visitors unique experience rooms in a vast area of 2000 m². These rooms are special areas where technology and art come together in the most impressive way, taking guests on a journey, filled with interactive experiences. There is a 70-square-meter space called Augmented Reality Room, making visitors feel as though they are inside an illusion, Digital Room, equipped with innovative technologies such as interactive screens, sensors activated mechanisms, projection systems, and many more. Such places can usually witness heavy crowds, and CCTV cameras can help monitor these crowds' movements, identify potential hazards and detect unusual behavior in and around the museum. TRASSIR has implemented the project for Dijital Deneyim Müzesi together with our partner, Karadağ Group.

Video surveillance in the field

The main objective of the project was to implement smart solutions based on neuroanalytics. Using TRASSIR solutions, the museum plans to use various video analytics modules to provide better security for guests, as well as to collect statistics on the number of visitors in different rooms.

Comprehensive customer security is our top priority. The above technical solution is dedicated as the standard.

Project objectives

- Ensuring safety within the building and maintaining the perimeter security;
- Implementing a surveillance system to guarantee the absolute safety of the guests and the equipment from theft and vandalism;
- Reducing the duties of the security service covering the whole perimeter of the museum;
- Providing deep archive for clear evidence that can help accelerate the investigation process.

Project results

The main advantage of TRASSIR is that you can use any brand of cameras and thus reduce costs for the client when implementing video analytic solutions. We are planning to expand the solutions to similar museums in other cities in Turkey.

Project solution

It was decided to use VMS and various analytics modules developed by TRASSIR, which are becoming increasingly popular in Turkey due to their high performance, detection accuracy, wide functionality and ease of customization.

- NeuroStation 8800R/160-A8-S - 1 pcs;
- AnyIP - 80 pcs;
- TRASSIR VMS;
- NeuroCounter - 26 pcs;
- TRASSIR ActiveSearch

TRASSIR cameras help Güzeldağ Güneş Enerji Santrali to improve security efficiency

Manufacturing

TRASSIR cameras help Güzeldağ Güneş Enerji Santrali to improve security efficiency

About the project

Güzeldağ Güneş Enerji Santrali is a solar plant in Antalya, Turkey. Solar and other renewable energy sites face many security threats, and theft is one of them. When criminals target solar farms, it often impacts revenue or might incur increased business costs.

TRASSIR has implemented this project together with our partner, SECURITECH GÜVENLİK VE OTOMASYON SİSTEMLERİ İTH. İHR. A.Ş.

Video surveillance in the field

The main objective of the project was to secure the perimeter and notify the security of illegal crossings in a timely manner. Due to the large number of cameras, the guards did not always have the time to monitor the entire area.

Comprehensive customer security is our top priority. The above technical solution is dedicated as the standard.

Project objectives

- Implementing a surveillance system to guarantee the absolute safety of the solar plant equipment and the property;
- Uniting the cameras from different manufacturers used on the territory in one system;
- Reducing the duties of the security staff covering the whole perimeter of the solar plant premises.

Project results

Thanks to TRASSIR Neuro Detector solution, based on video analytics and artificial intelligence, security staff does not have to make frequent rounds of the territory, as TRASSIR video analytics modules detect various objects with high accuracy and do not generate false alarms on animals, trees and other moving objects that are not related to security threats.

TRASSIR can convert ordinary video surveillance system with just recording and viewing options into a smart system based on video analytics and artificial intelligence, while the client saves money by just adding TRASSIR server and not having to change anything else.

Turkey

Project solution

The main advantage of TRASSIR is that you can use any brand of cameras and thus reduce costs for the client when implementing video analytic solutions. TRASSIR also provides their clients with a life-long license.

- TRASSIR VMS;
- NeuroStation 8800R/160-A8-S – 1 pcs;
- AnyIP - 160 pcs;
- Neuro Detector – 160 pcs;
- Health Monitoring Script;
- TRASSIR Sound Detector;
- Fire and Smoke Detector.