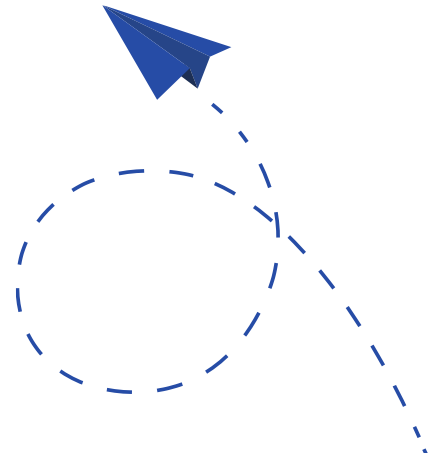
MIA

TEKNOLOJİ

AI POWERED SOLUTIONS



Integrated Facility Security and Management Umbrella Software

It is a collection of systems that allows the security and management of one or more facilities to be monitored and controlled from a single structure. It enables institutions to integrate and operate systems through existing hardware without the need for new hardware investment.

- Biometric, Card, and Mobile Access Control Systems
- Camera, Sensor, and Secure Area Management Systems
- Personnel Attendance Control System
- Visitor Registration and Authorization System
- Vehicle Recognition, Passage, and Parking Management System
- Cafeteria and Payment Management System
- Lighting, Air Conditioning, and Fire Systems
- Kiosk, Printer, and Elevator Management Systems



+40

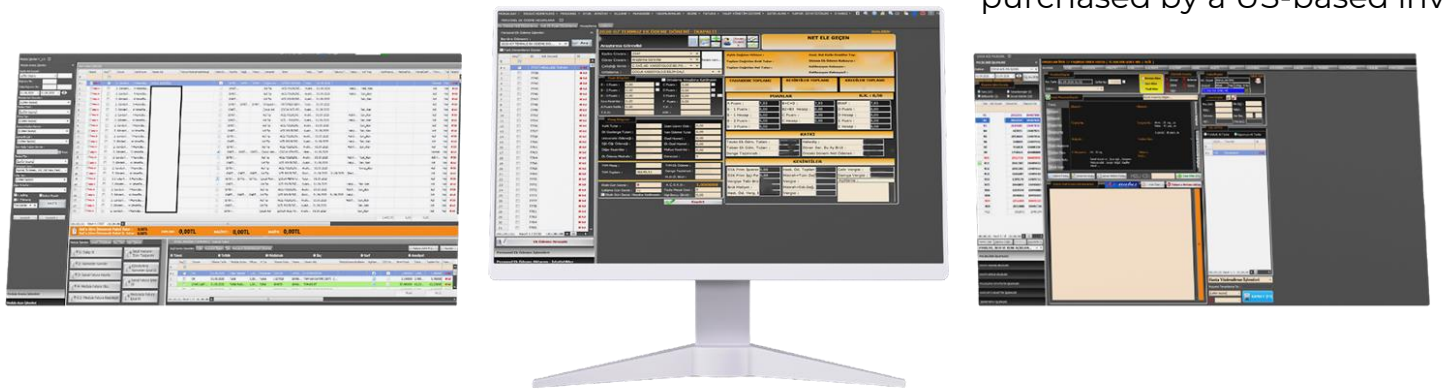
Institutions

MIA-MED Hospital Information Management System

It facilitates the medical, administrative, financial, and legal processes of hospitals and plays a role in the integration of the national health system.

43 Million USD

51% of the shares of MIA-MED software have been purchased by a US-based investment firm.



- Laboratory Information Management
- Radiology Information Management
- Intensive Care Information Management
- Dialysis Information Management
- Dentistry Information Management
- Appointment System
- Decision Support and Business Intelligence
- Procurement and Demand Management
- Human Resources Management
- Digital Archive and Document Management

10 Major University and City Hospitals

TeleHealth (Remote Health Information System)

It is a secure video conferencing system that physicians can use to meet with patients within the scope of remote health services.

- Remote Inspection Procedures
- Working in Firefox, Safari, Chrome and derivatives
- Time limit and participant unlimited
- Secure Authentication



Intelligent Traffic Management Systems

By monitoring the traffic in city centers and highways, it enables the recognition of vehicles and their compliance with local control rules, thus ensuring safety and reducing the time spent in traffic.

- We currently have an Electronic Control System that has been actively operating for 4.5 years and which we will operate for another 5 years.
- More than 400,000 vehicles are fined on a monthly basis.

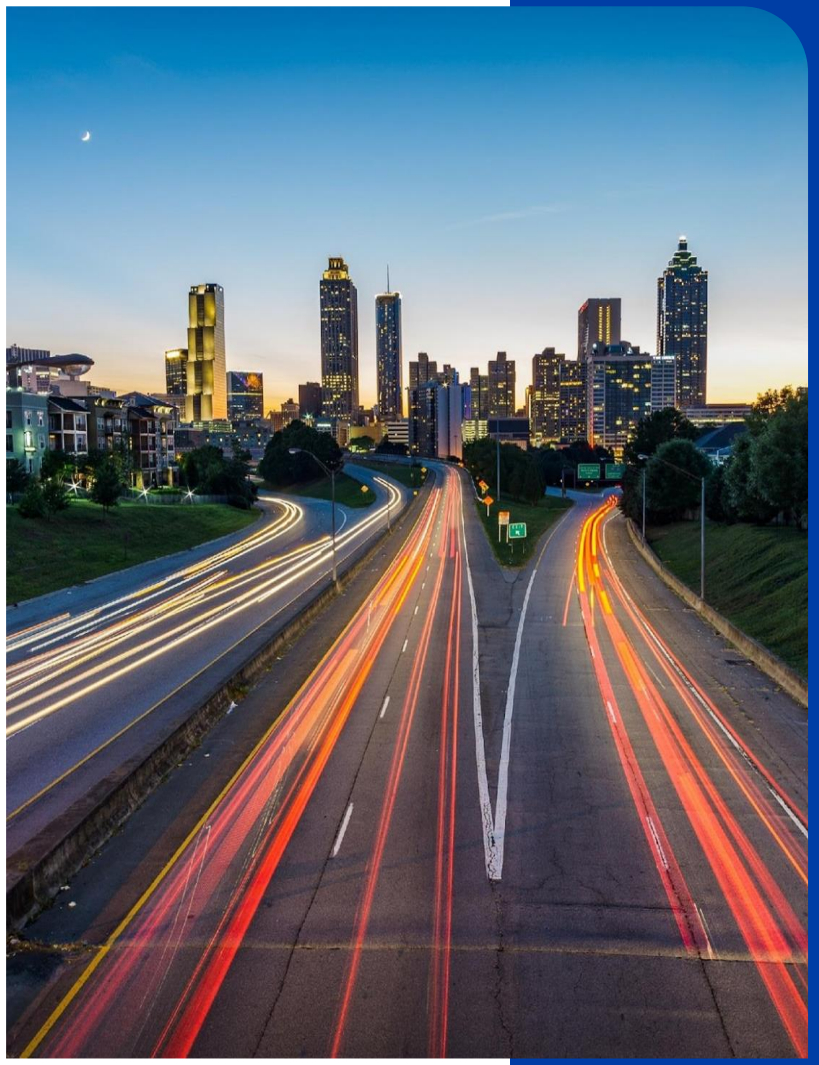
Electronic monitoring system

Smart intersection and signaling systems

License plate, brand, model and color recognition

Vehicle instant and average speed detection

Command control and data center installation



Tripy Shared Electric Vehicle Platform

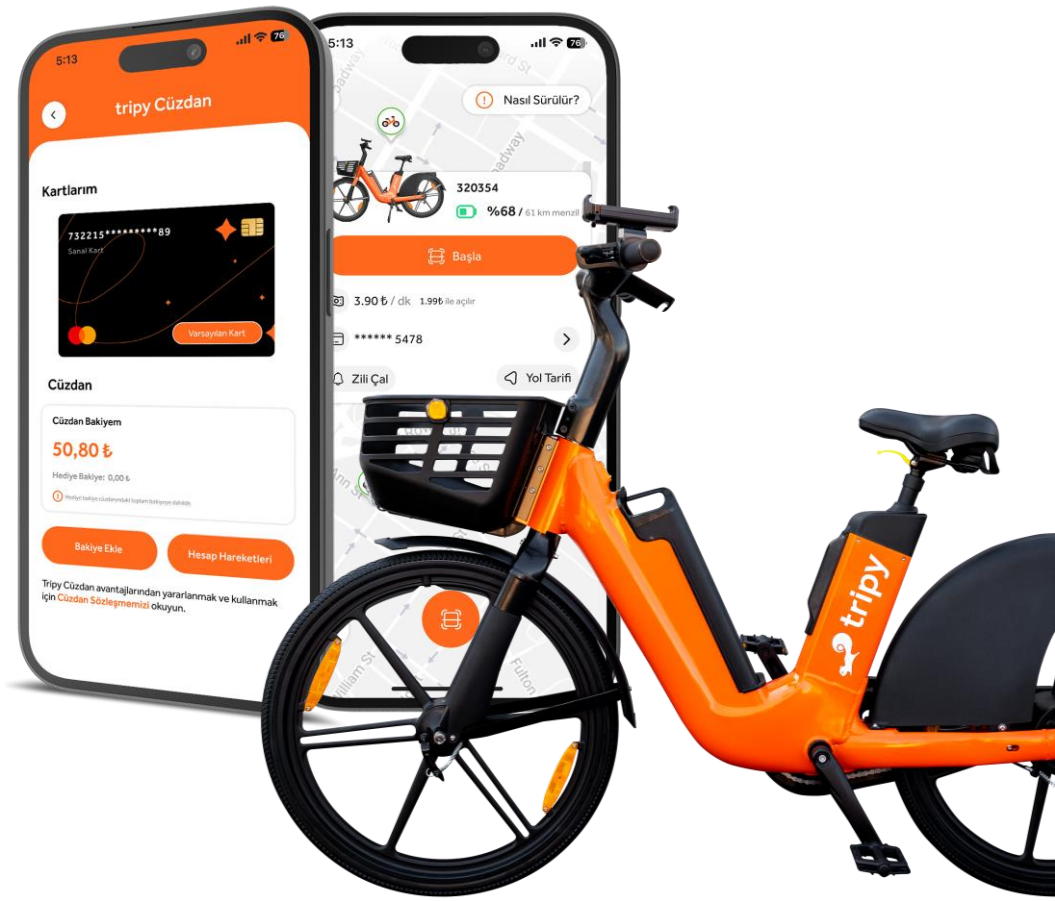
It offers a rentable shared electric vehicle platform in cities, providing sustainable, easy and accessible mobility for everyone.

3
Big city
10 Year Contract
İzmir
Sakarya
Eskişehir

3500+
Electric bike

200.000+
User

6.000.000+
KM ride



Initial investment was made by MIA Teknoloji

Tripy EV Charging

It aims to provide the installation of AC and DC charging stations for the charging of increasingly widespread electric vehicles, mobile application technologies and other technologies for the electric lifestyle.

Installation of Charging Stations and Infrastructure Service

Mobile Application and Management Software for End Users

Reservation System for the Use of Charging Stations

24/7 Maintenance and Repair Service

Integration with Shared Electric Vehicle



90+
67AC 12DC
Installation Point

WorkARia (Remote Maintenance with MR)

- Remote connection
- High Security Communication
- Online Technical Support
- Holographic Directions
- Reducing Travel Cost





Maintenance and Repair with MR

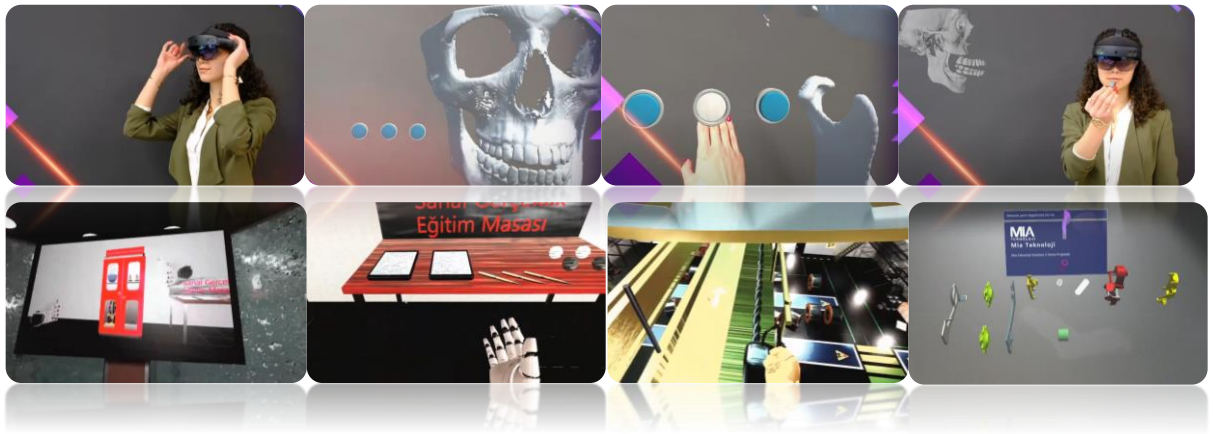
- Staff Training with Device Manuals
- R&D Studies
- Holographic Directions
- Working on Digital Twin
- Artificial Intelligence Algorithms





Vocational Training and Occupational Safety with MR/VR

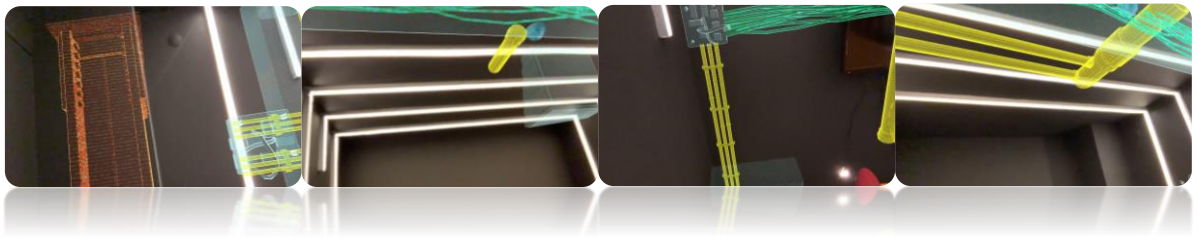
- Reproducible Real World Scenarios
- Experiential Learning
- Sustainable Education Model
- Success Rate and Scoring System
- Field-Specific Training Scenarios
- Holographic Instructions
- Exam with Artificial Intelligence Algorithms

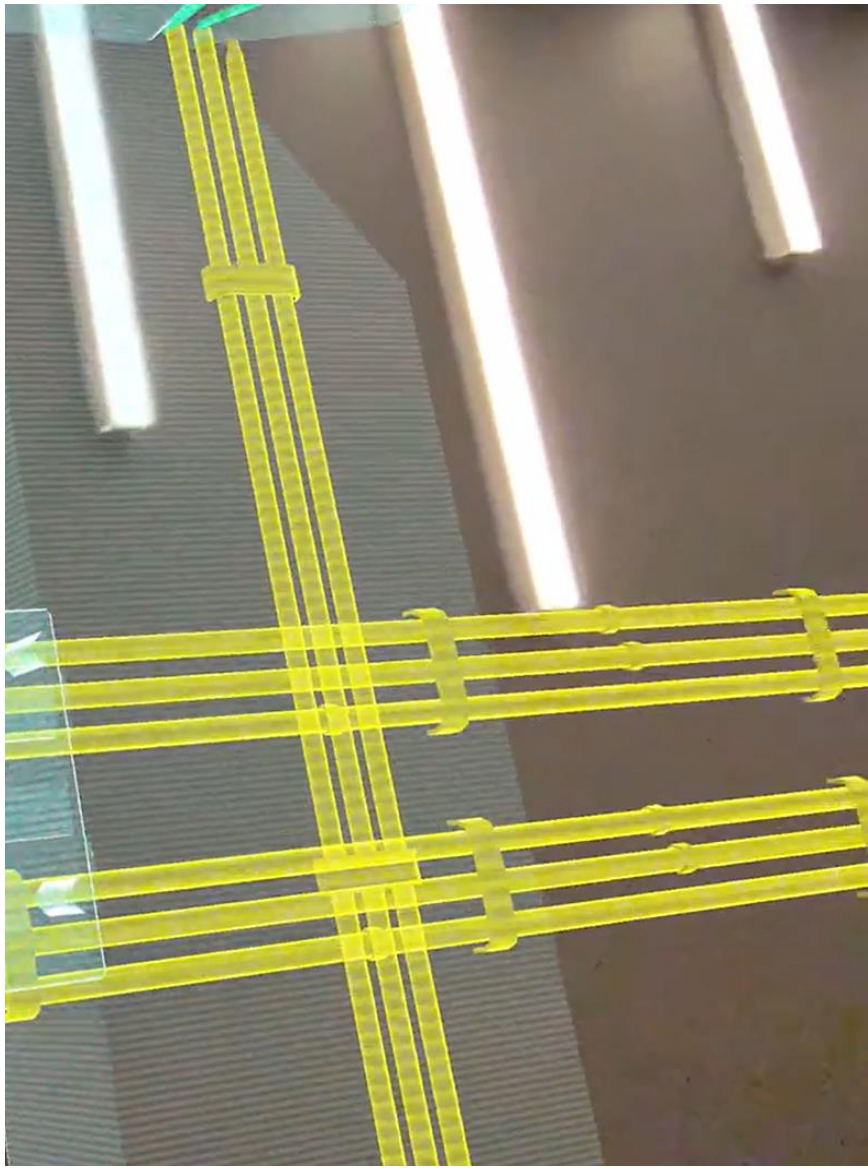




Building Inspection Applications with AR

- Interior Technical Image
- Regional Intervention
- All Internal and External Structure Elements





360-VR

Through virtual tours, we offer a solution where you can experience your factory at 360 degrees and closely introduce each stage of the production processes. Thanks to notification pop-ups appearing at important points, detailed information can be accessed instantly and instant updates can be followed. Increasing your production efficiency and optimizing processes; It is a new generation solution that can be used to introduce these systems to your visitors and people.







Smart Waste Management System

- We are in the process of developing a **Smart Waste Management** project for Environment and Climate Change.
- The IoT Device, which we developed specifically for Garbage Containers, measures important data such as **"occupancy, temperature, humidity, location"** in the container instantly or hourly, and will transfer the **data** to the web portal using a cellular connection via **GSM/GPRS**.
- It tracks and route optimizes domestic, medical, textile and recycling waste and reports the collection service in **real time** at the garbage/street/waste type level. It will eliminate the collection of half-empty containers.







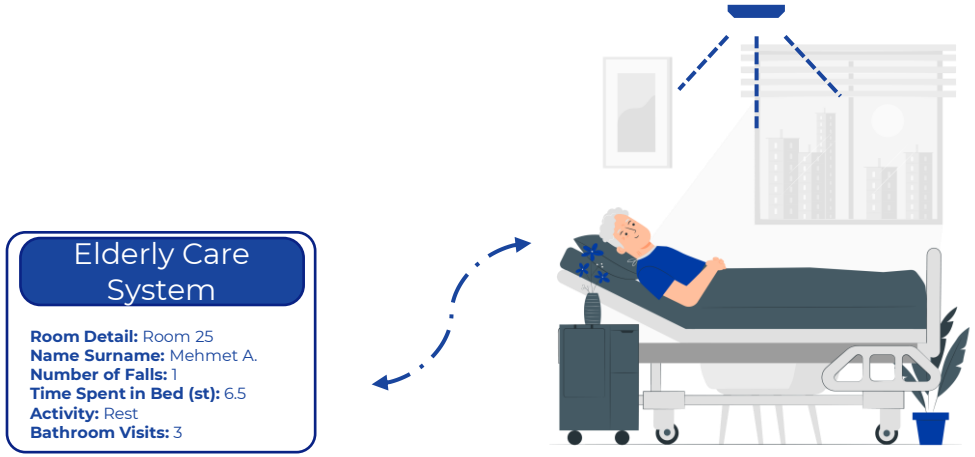
MIA Care

It is a system that cares about the privacy of the elderly and people in need of care and constantly receives location and position information (whether they have fallen to the ground or not) via radio frequencies without using any optical sensors, and helps these people in their care and provides instant notification in case of emergency (such as falling to the ground).

The system offers advanced radar technology using signal processing methods.

The software makes it possible to determine the locations and positions of people without violating the KVKK Law.

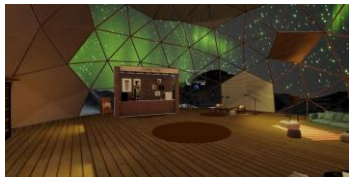


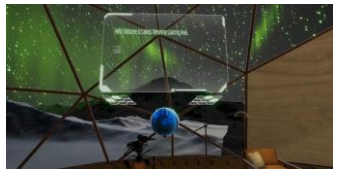


Lamots

- Lamots is an innovative platform that takes the language learning experience one step further. We detect users' language levels and offer personalized training and exams. LAMOTS, a local and national language campus powered by virtual reality and artificial intelligence, aims to help users complete their deficiencies quickly and effectively. We make language learning more enjoyable and efficient, because with us, you are one step closer to success with every step you take.

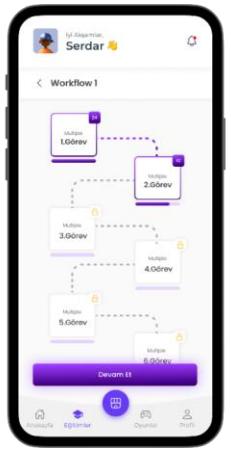




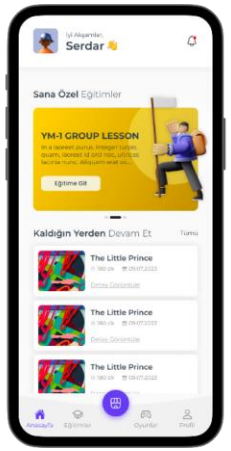




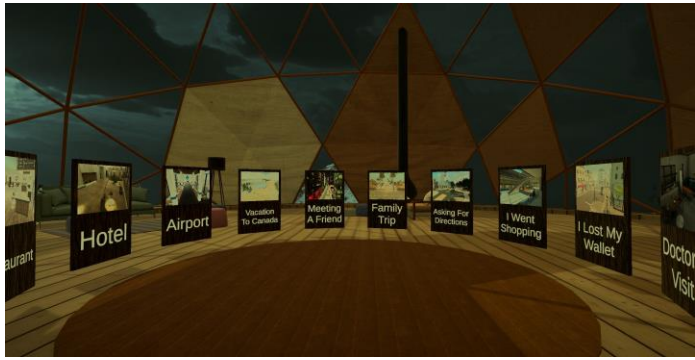












ViSOX

ViSOX is a system that attracts attention with its impressive design and cloud infrastructure integration. While it identifies users impressively thanks to its fast and accurate facial recognition features, it can be easily placed and managed in any location thanks to its compact size. Cloud-based architecture, where data is stored securely, provides convenience to users by enabling remote access.



Hospitals



Banks



Hotels



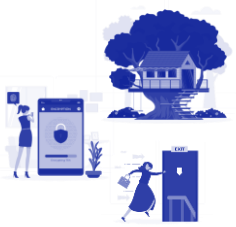
Colleges



Airports



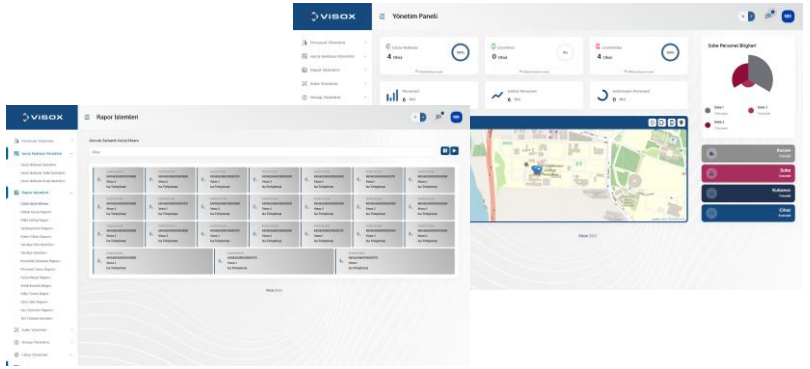
Factories



And more...







MIA Dental Care

It includes a health management system that can be used in various medical fields. Doctors can record patients' conditions, create custom treatment plans, and provide real-time monitoring to ensure rapid response in emergencies. The system also aims to identify disease trends and facilitate participation in clinical trials by providing a strong foundation for data analytics and research.

Data Security and Privacy
Ensuring the security and confidentiality of the health data used

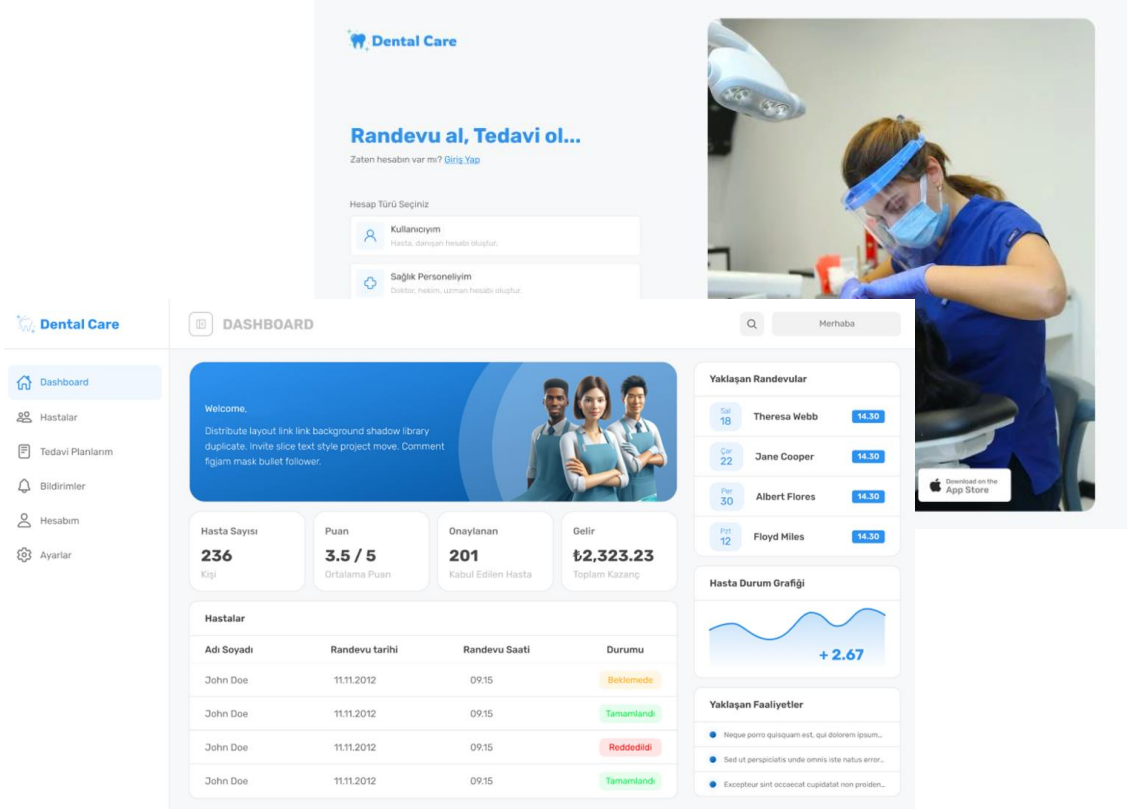
Integration Capabilities
Integrability with existing healthcare systems and use by branches or doctor offices

User-Friendly Interface
Creating a user-friendly interface to facilitate interaction between doctors and patients

Technological Infrastructure and Background
Support and performance optimization with technological solutions

Expansion Strategies
Providing various integrations to be developed according to need through a modular structure created for the future

Training and Support Services
Training programs and continuous support services for doctors and staff who will use the system



Intelligent Video Analysis System

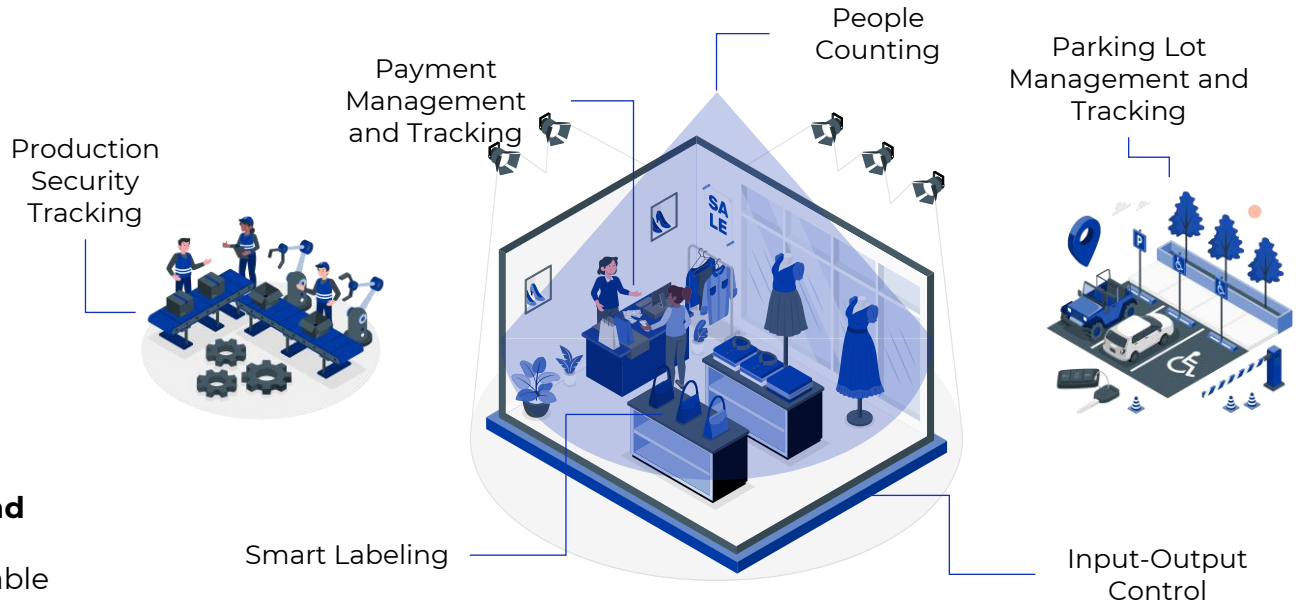
This project aims to perform operations such as anomaly detection, object detection and person detection in video content by using artificial intelligence and machine learning techniques. In this way, effective and efficient solutions will be offered in various areas such as security, surveillance, traffic management and retail.



- **Anomaly Detection:** Detects unusual behavior and events in videos.
- **Object Detection:** Identifies and tracks specific objects in videos.
- **Person Detection:** Identifies and tracks people in videos.
- **Technologies Used:** TensorFlow, PyTorch, OpenCV, Dlib, AWS.
- **Application Areas:** Security and surveillance, traffic management, retail.
- **Expected Results:** Advanced security solutions, efficiency in traffic management, better understanding of customer behavior.

MIA Retail

- The system provides reliable data with a 98% accuracy rate by counting people through sensors and IP cameras; Ensures the security of data with on-prem storage options; Provides a user-friendly experience thanks to informative and customizable management panels; It provides effective analysis with processed and visualized data management and ensures the protection of personal data with anonymous data retention features. In addition, it provides a comprehensive service to its users with technical support services and domestic and international installation activities.



Superior Detection
Performing people counting via sensor and IP Camera

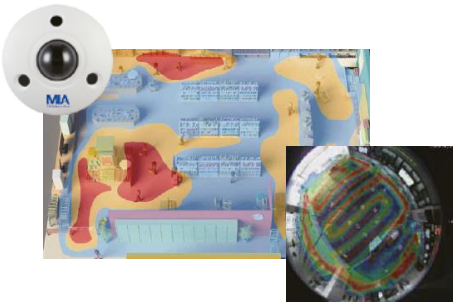
User-Friendly Interface and Software
Informative and Customizable Administration Panel

High Validation
+98% Data Accuracy Rate

Data
Processed and Visualized Data
Anonymous Data Retention

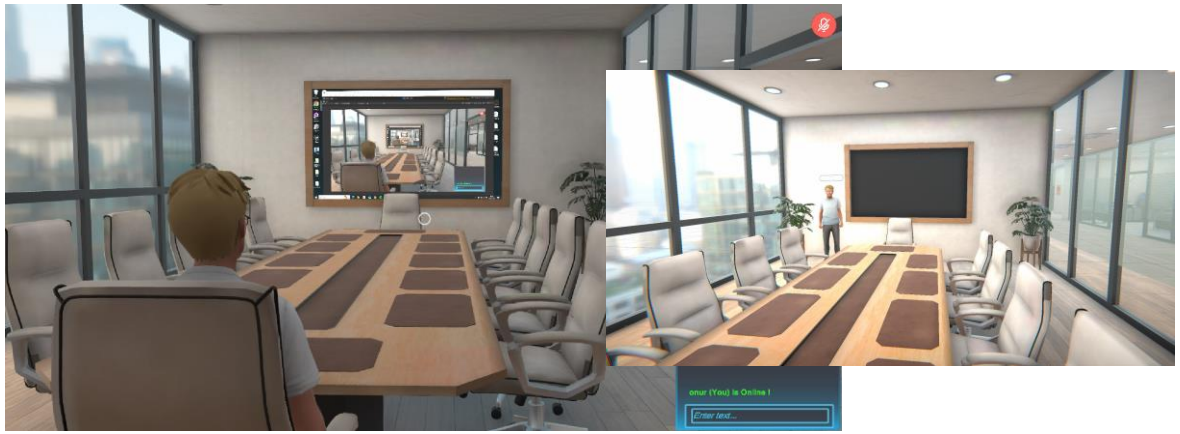
Storage Service
On-prem Storage Option

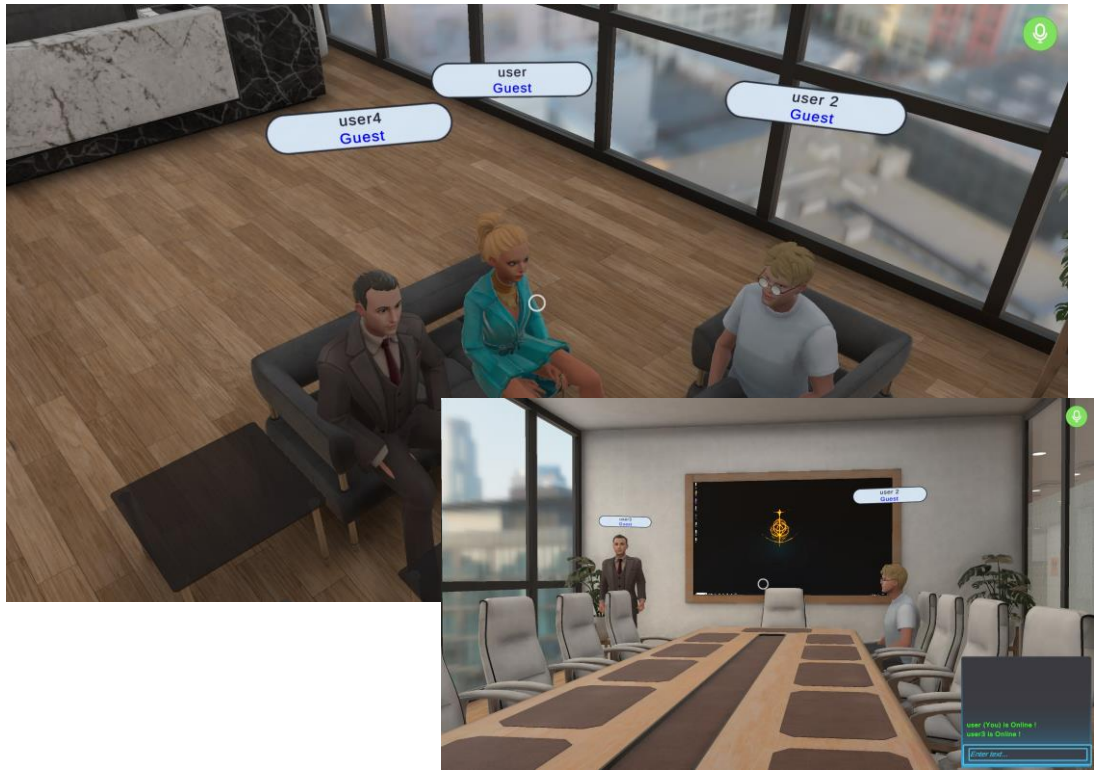
Support and Installation
Technical Support Service
Domestic and International Installation Activities



MEVE

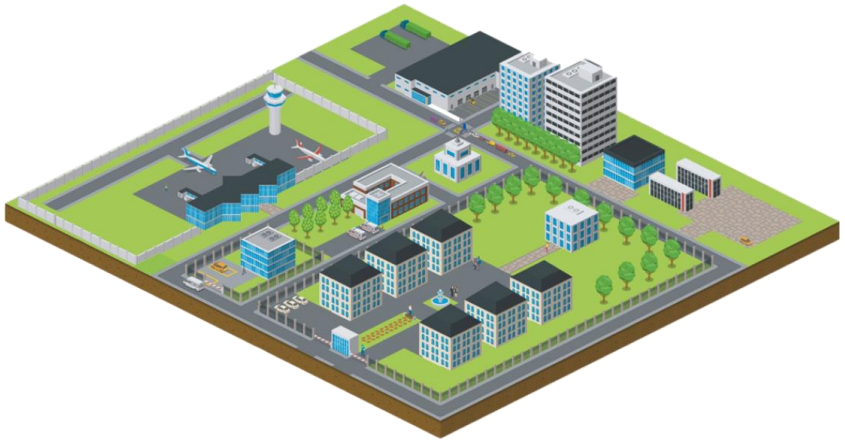
- Dynamic closed business network in a hybrid space, dedicated to increasing businesses' international capabilities and cross-border trade opportunities. MEVE provides trade opportunities to businesses and has a strategic approach focused on fostering collaboration through global technologies.

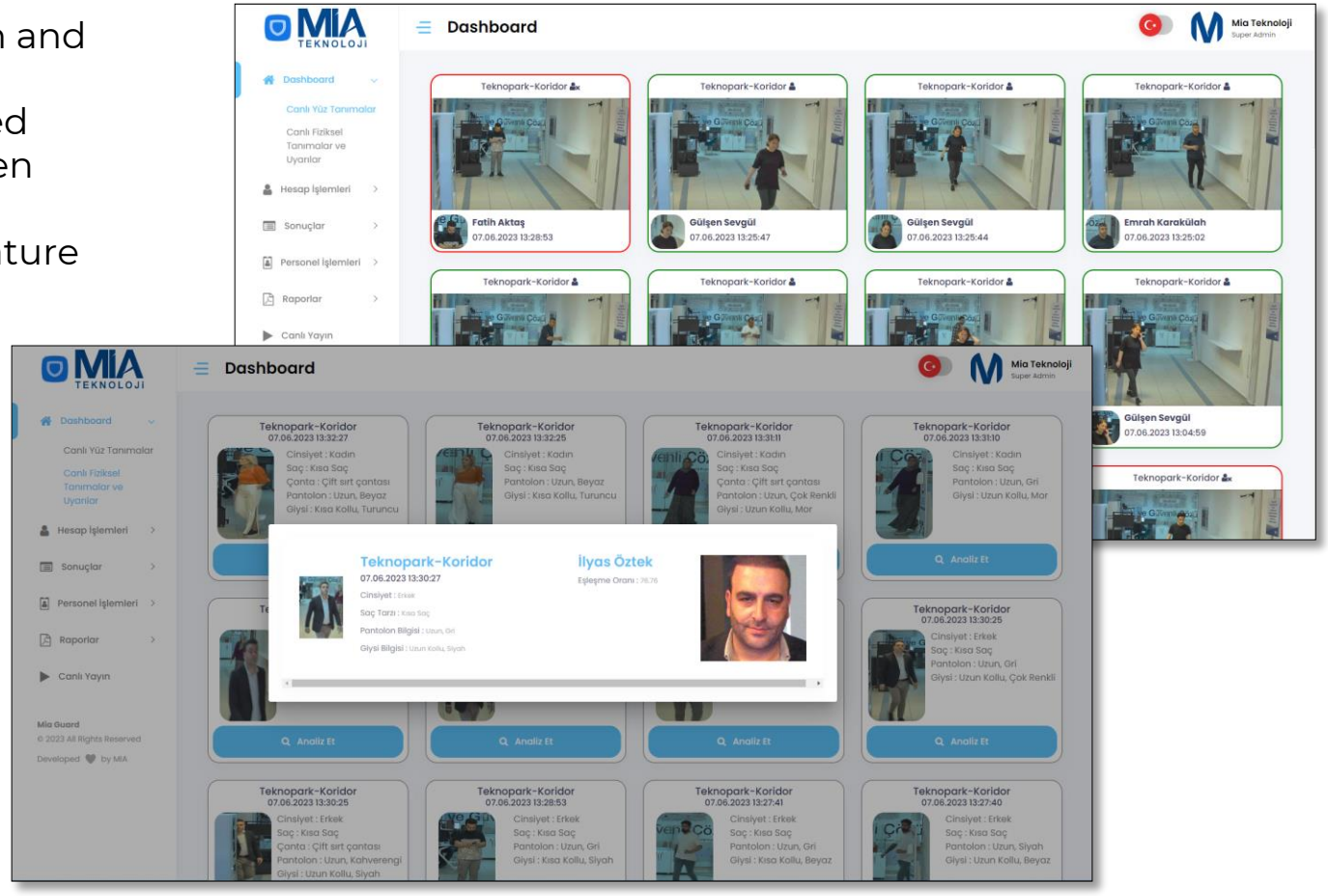




MIA Guard

MIA Guard is a system that can perform facial recognition and human face physical feature interpretation for security cameras. People requiring facial recognition are registered and facial recognition is performed. After the images taken from the security cameras included in the system are analyzed, the results of facial recognition and physical feature interpretation are shown.

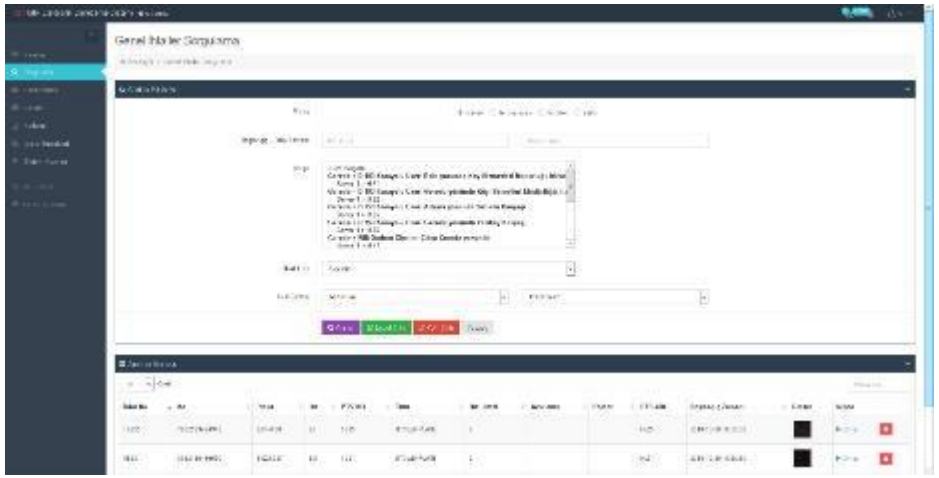


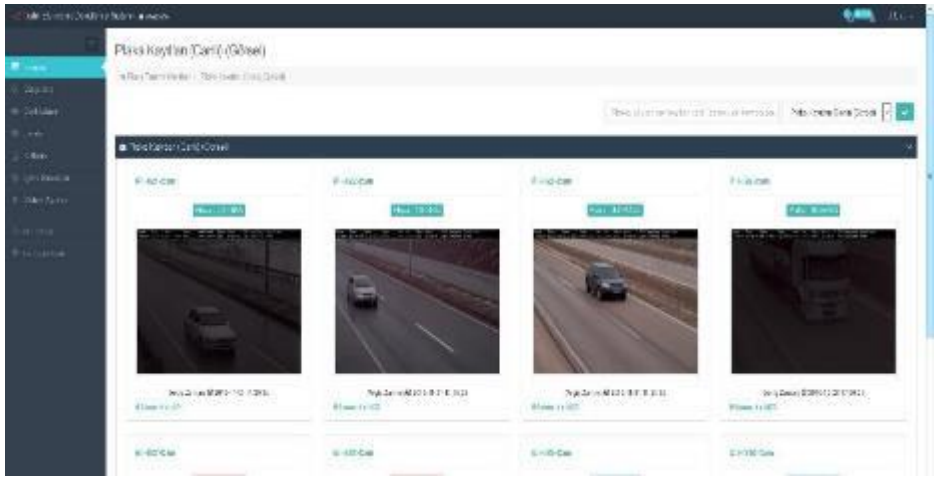


MIA Traffic Monitoring System

In traffic, the system produces decision-supporting reports by processing data obtained from cameras, radar and infrared sensors. The reports produced can be shared in a desired center or more than one location.

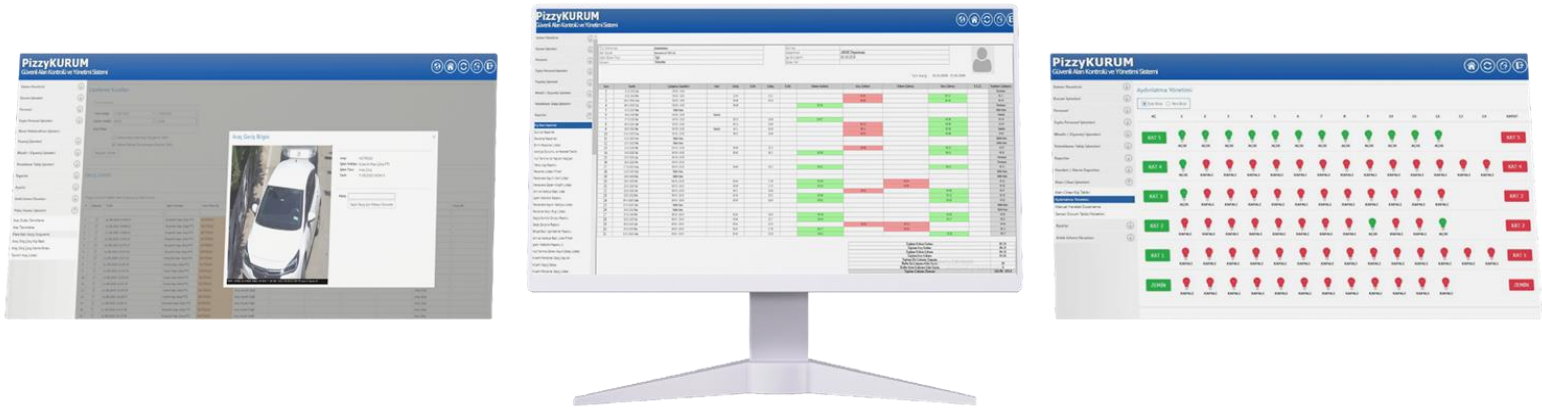
- Vehicle Count
- License Plate and Vehicle Recognition
- Instant Speed Control
- Average Speed Control
- Red Light Violation Detection
- Seat Belt Violation
- Smart Junction System
- Parking System





Pizzy – Integrated Facility Management Systems

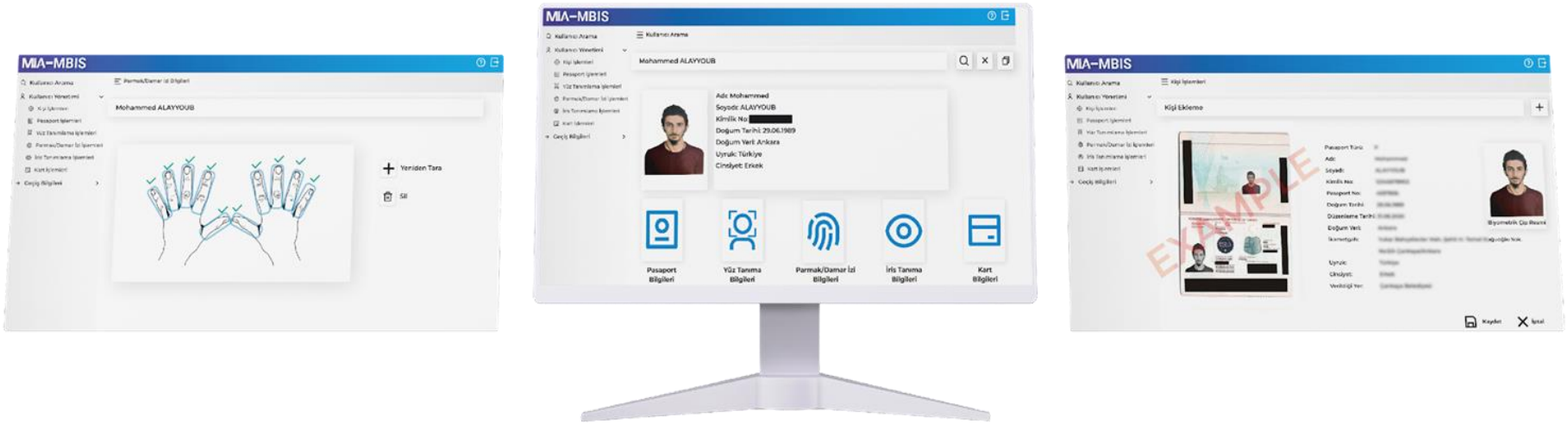
Pizzy has a structure that has been constantly updating itself in line with developing technology and customer needs for more than 7 years. It has many functions in terms of ensuring the security and control of a facility; is a comprehensive management and tracking software for people, vehicles and goods.



- Biometric, Card and Mobile Identification
- Personnel attendance control management
- Safe area entry and exit management
- Data center security
- Visitor transition management
- Cafeteria authorization management
- CCTV Security
- Cafeteria authorization management
- Vehicle entry-exit management
- Mobile food access control management
- Meeting room reservation management
- Alarm tracking management module
- Video Analysis
- Elevator authorization management
- lighting management
- Announcement management
- Regulated access control management
- maker and checker

MIA-MBIS – Multi Biometric Identification System

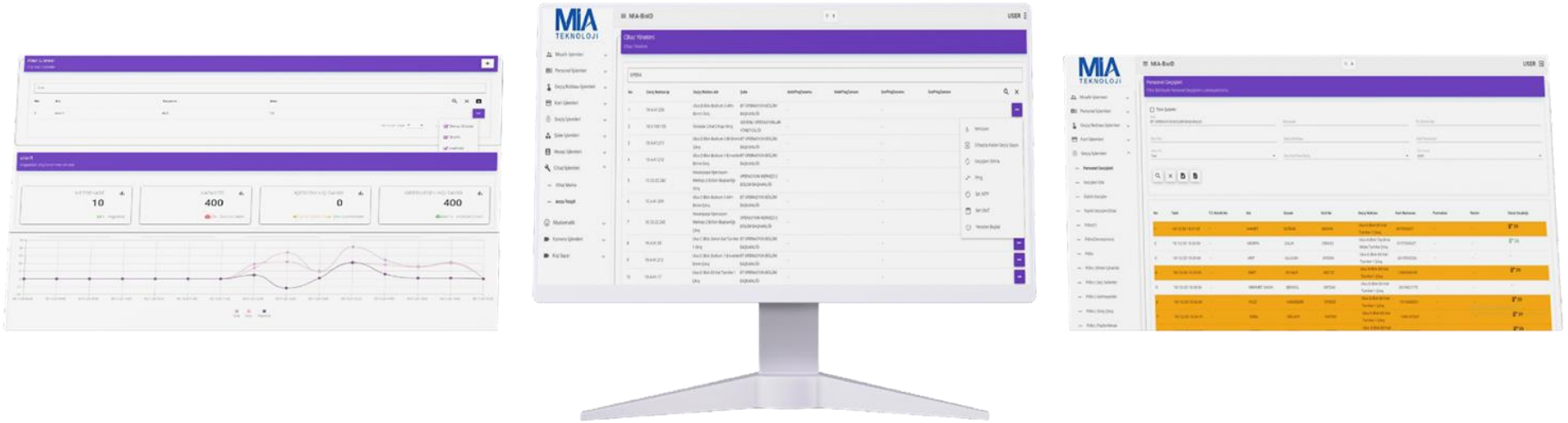
MBIS includes multimodel biometric technologies such as facial recognition, iris recognition, fingerprint and finger vein recognition. The system can perform operations such as recording, coding, verifying and identifying biometric data.



- Built for large scale / country based projects
- Adaptable large-scale system architecture
- Interoperability with other suitable systems
- Scalable system design
- ANSI and ISO biometric standards support ICAO requirements
- Enabling possible customizations for project requirements

MIA-BioID - Biometric Data Management System

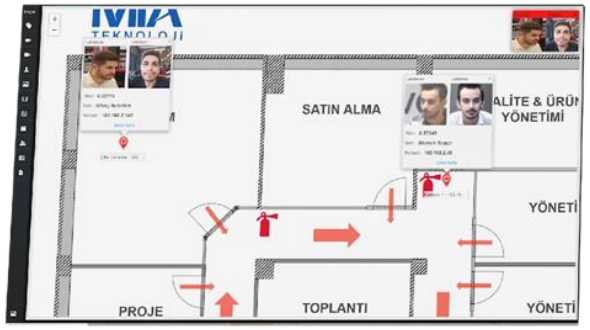
It is a management software that allows data flow from many devices to other systems and provides management from a single place. It provides a special facility authorization service by providing critical facility security and management services.

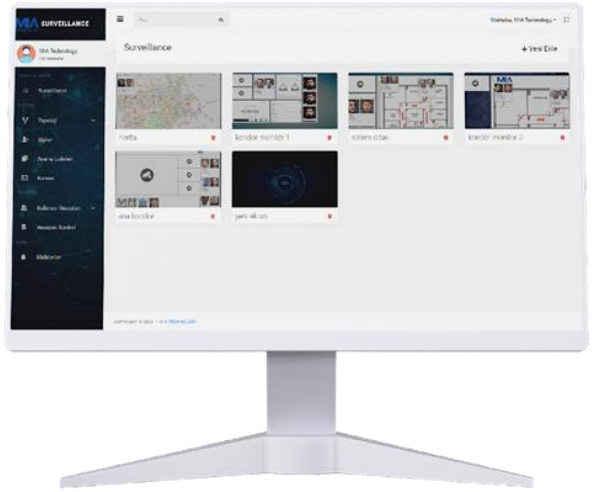


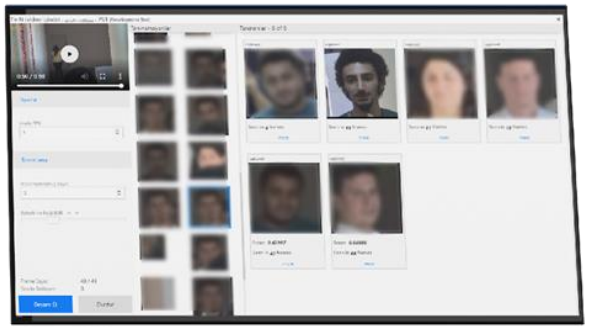
- Guest operations
- Card transactions
- Personnel transactions
- Account transactions
- Waypoint operations
- Device operations

MIA Surveillance – Environmental Surveillance System

It can be applied and provides solutions in crowded areas, controlled campus areas or wherever similar person access control or blacklist management is needed.







- Facial recognition in crowded areas
- Image analysis
- Video analysis
- Geographic information system
- Person and image tracking with sketch
- Create a data table

MIA Agry – Agricultural Solutions

We have developed an innovative system that prevents clogging of irrigation pipes, provides correct filtration and aims to irrigate the relevant area evenly. This project aims to increase productivity and ensure the effective use of water resources by preventing clogging of irrigation pipes, one of the biggest problems of modern agriculture.

The advanced filtering technology used effectively filters impurities in irrigation water, ensuring uninterrupted and efficient operation of the system. At the same time, this system, which distributes water homogeneously, supports optimum growth conditions by ensuring that plants receive equal amounts of water.



MIA Oracle – Artificial Intelligence Analysis Tool

Modern data science and artificial intelligence technologies make it possible to make predictions for the future by analyzing big data in different fields. The Smart Forecast and Analysis System we have developed is an innovative system that can make forward-looking predictions using information obtained from various data sources. This project can be applied in many different areas such as traffic density, weather and energy consumption.



- **Data Collection and Analysis:**
- It constantly collects data with sensors, cameras, weather stations and other devices.
- The collected data is analyzed with artificial intelligence and advanced algorithms.
- **Estimate and Forecast:**
- It predicts future events using analyzed data.
- It provides predictions taking into account different factors (such as traffic density, weather, energy consumption).
- **Reporting and Visualization:**
- Forecast and analysis results are displayed in the user-friendly interface.
- Graphs, heat maps and other visualization tools are used.
- **Scope of application:**
- Traffic Management, Weather Forecasting, Energy Management, Retail and Supply Chain, Healthcare