

TRASSIR[®]



AIRPORT SOLUTIONS



TYPICAL AIRPORT ISSUES



Ensuring safety and security inside terminals and on runways:

- Anti-terrorist protection;
- Detecting people on the police's wanted list;
- Preventing terrorist attacks (abandoned objects detection).

Improving tenant performance:

- Prevent cases of theft or fraud by shop employees;
- Acquire visitor profile and financial statistics for shops;
- Detect and prevent queues, empty shelves, absent employees.

Ensuring compliance with COVID-19 prevention measures:

- Detect passengers not using face masks inside the terminal;
- Control social distancing compliance.

Improve travellers' experience:

- Control airport staff performance;
- Detect lack of free taxis or trolleys.

ECOSYSTEM IN ONE PLATFORM



**DEDICATED
HARDWARE**



**SCALABLE
SOFTWARE**



**INTEGRATED
CAMERAS**



**SMART
MODULES**



**DIFFERENT SYSTEMS
IN ONE PACKAGE**

All of these components can be integrated into one ecosystem, installed in a closed loop network with offline connection.



PEOPLE COUNTER PRO

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- **Identify and automatically group people making joint purchases**

(for example, identify family members entering the store as a group of people, not individual customers).

- **Track motion trajectory of individual customers**

it is also possible to monitor motion trajectory of certain groups of visitors in the outlet and provide demographic statistics.



FACE RECOGNITION ON LOW MPX

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One of the highest precision on the market, even on lower mpx;

Count unique visitors and analyze audience demographic;

Visitor return analysis.

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TRAVELLERS, PARKING, TAXIS



Detect amount of travelers waiting for taxis;



Send alerts to taxi companies to dispatch more cars to the arrival zone if there aren't enough taxis at the airport;



Detect traffic violations or parking in prohibited zones.



WORKPLACE ANALYZER

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Configure the work area and schedules of airport employees, as well as permissible periods of absence from the workplace;



Generate notifications if an employee's absence from the workplace has exceeded the allowed time;



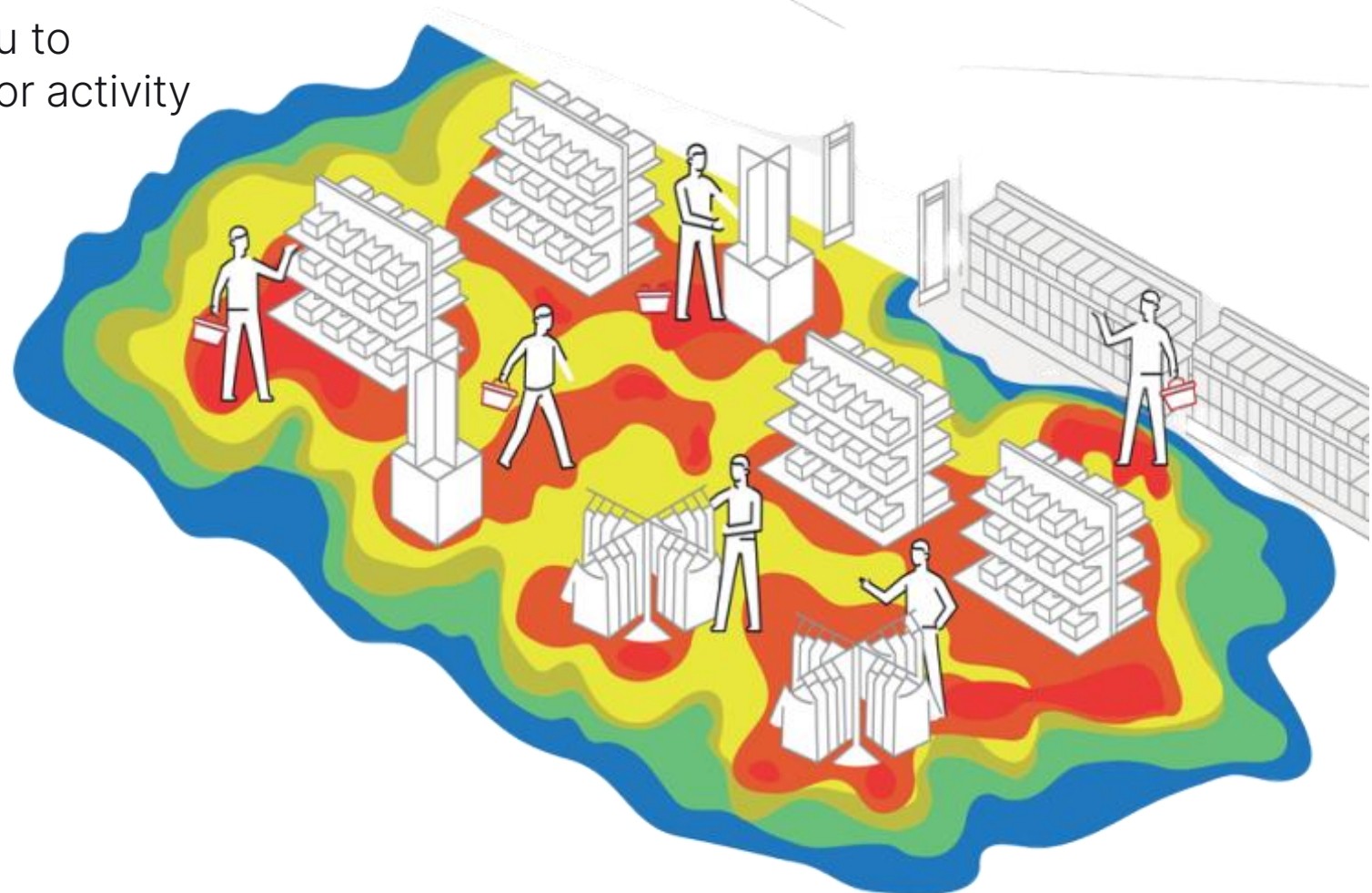
Allows control employee working time in airport offices, shops, check in, and boarding areas.

ACTIVE ZONES ON MAP

Heat Map on Map: identifies places where people spend the most time. This analysis can be used to detect the prime location for placing «eye stoppers» in order to attract more attention to particular goods, promotions etc.

Movement map: creates a vector map of customer movement at the store.

Heat Map on Map: allows you to understand and analyze visitor activity in any zone.



CROWD DETECTOR



Analyzes large quantities of people in one spot as indicated by supervisor.

Very convenient and easy to use.

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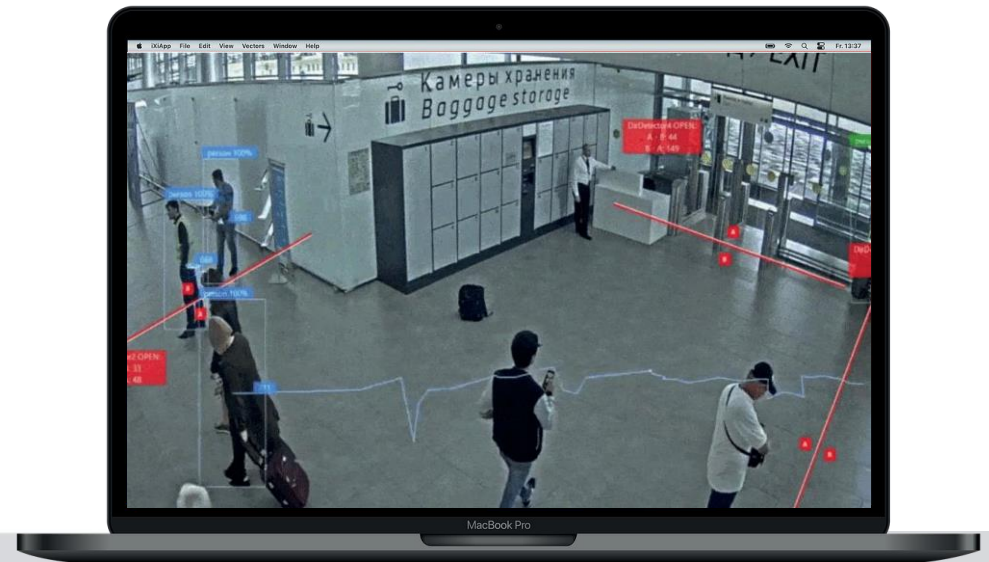
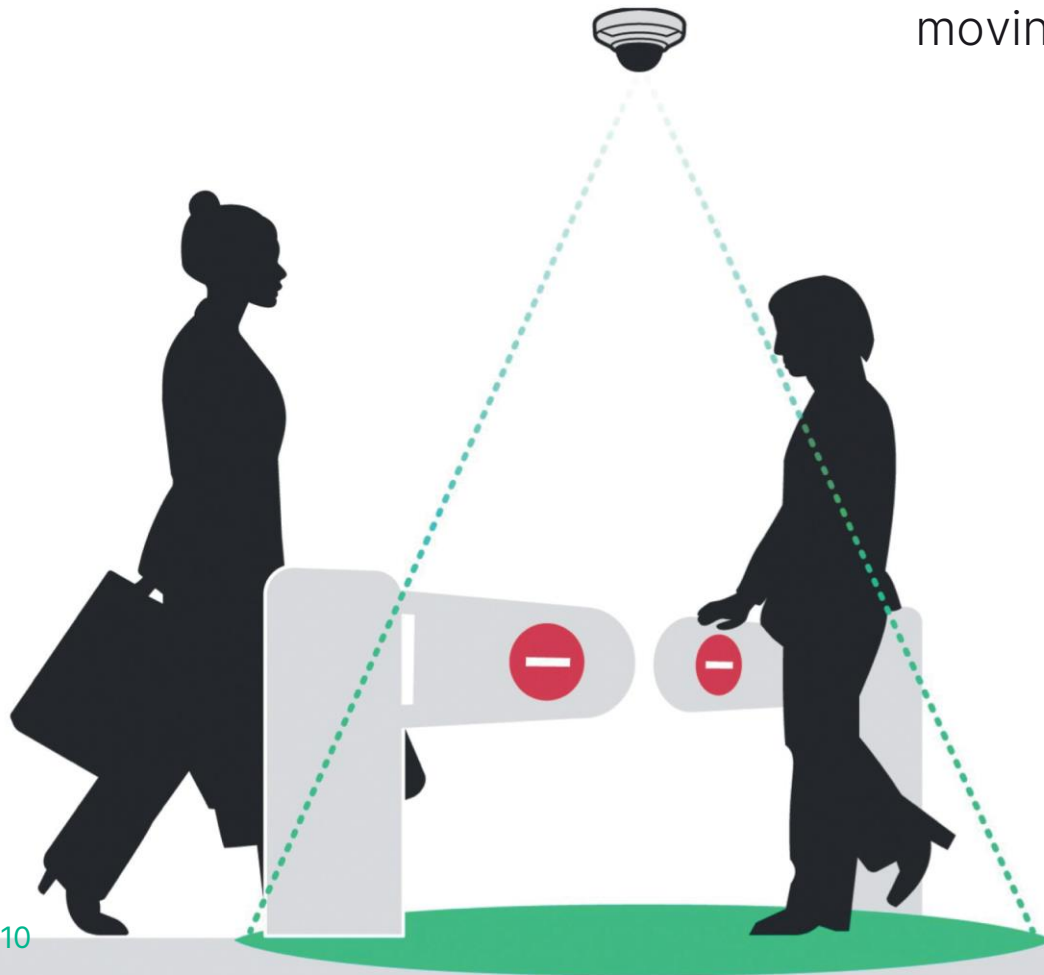


DIRECTION DETECTOR



Smart video module for different objects:

humans, vehicles, bikes & others moving in restricted directions



DIRECTION DETECTOR

Scenarios

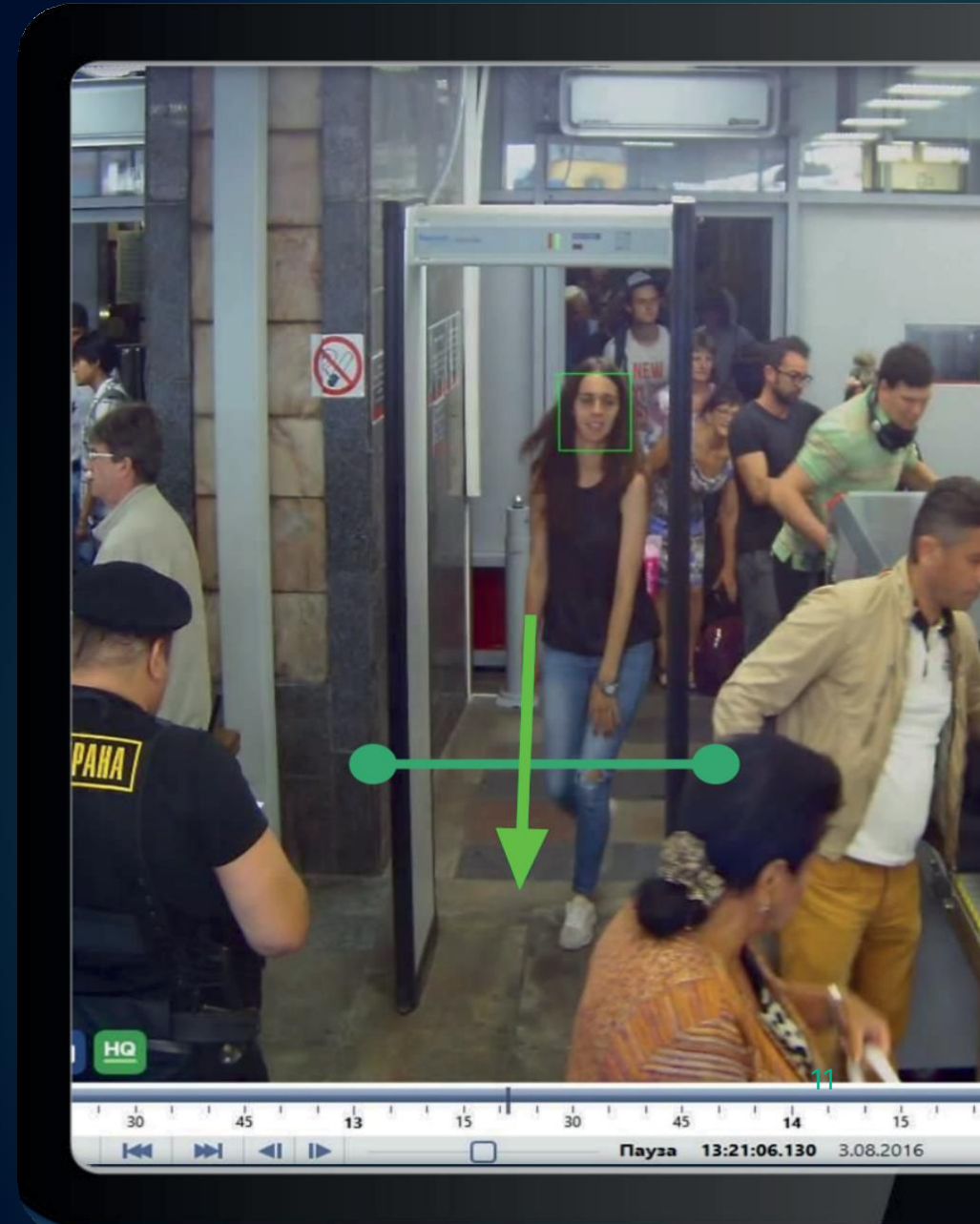
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Solution:

All movement through the tripod is marked with virtual lines, which help determine the restricted direction of movement.

Real Life Example:

A tripod has been installed at the airport's entrance. All passengers must pass through it. It is not necessary to pass through when exiting.



DIRECTION DETECTOR

Scenarios

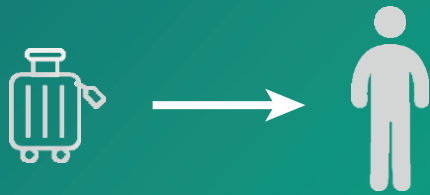


Supervisor can set **up to 16 lines** on each camera channel for system analysis.

The system automatically generates events about **restricted movement** and **sends warnings to supervisors**.



LEFT OBJECT DETECTOR



Typical objects for recognition in a space:



Automatically linking objects with owners;



Notification after a set period of time;

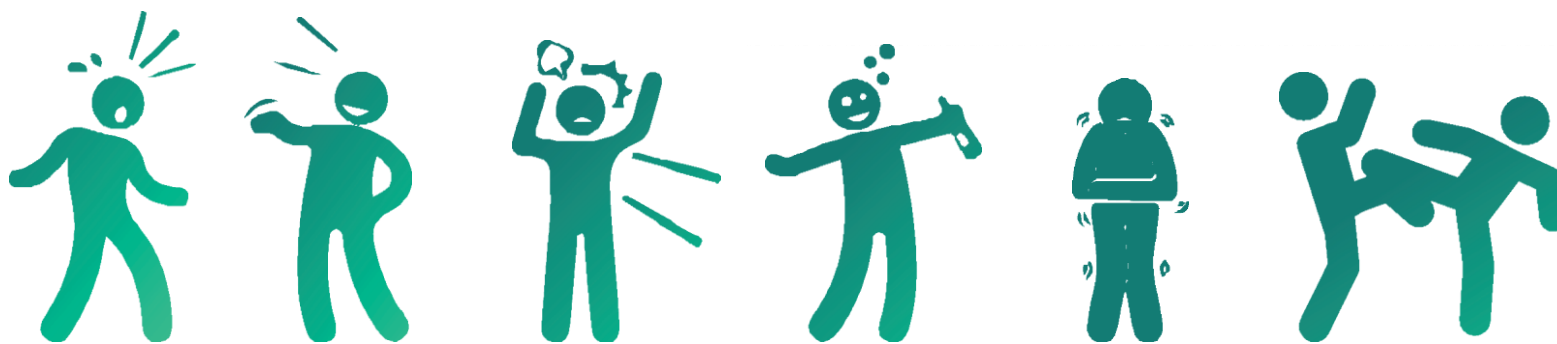


Defining the object type.

POSE DETECTOR

Six behaviour patterns for analysis in video data.

Fallen persons, fights, different abnormal behaviour.



WHY US

OUR OPPORTUNITY

IT SECURITY IS OUR FOCUS

Efficiency and speed are our top priorities. We make things happen super fast, above and beyond our competitors.

OUR ADVANTAGE

CLIENT EXPERIENCE

We remove all barriers and nuisances from operator business, which in return provides extra working time.

OUR SOLUTION

INTEGRATED CORE

Our platform is custom built to be reliable, efficient and cost-effective. Our modular construction offers blazing fast maintenance.

OUR PROOF

SUCCESS IN CONCEPT

Our video core development has achieved great results and outperformed competitors.

OUR ACTION PLAN

FAST GLOBAL EXPANSION

We are moving fast towards other markets, leading the way in IT security for B2B and B2G segments.

OUR BELIEF

AIMING TO WIN

Our model breeds value for every player involved in the business. Becoming the new industry standard will further our path to success.

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WORLDWIDE PRESENCE

TRASSIR®



40+ Markets penetration
21+ Years of experience

**Creating unique solutions
for any task, anywhere**

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