

Employee

Customer



TRASSIR STAFF TRACKER

Automatic control of compliance
with work instructions

TRASSIR CCTV ECOSYSTEM 5 IN 1

TRASSIR®

CCTV ECOSYSTEM

5in1



TRASSIR's flagship product is TRASSIR CCTV ecosystem consisting of 5 elements having deep integration among themselves:

- TRASSIR VMS
- Intelligent video analytics
- VSaaS TRASSIR Cloud
- IP-cameras
- TRASSIR NVRs.

All these elements can be connected to the cloud and combined using TRASSIR Cloud into one integrated video surveillance system.

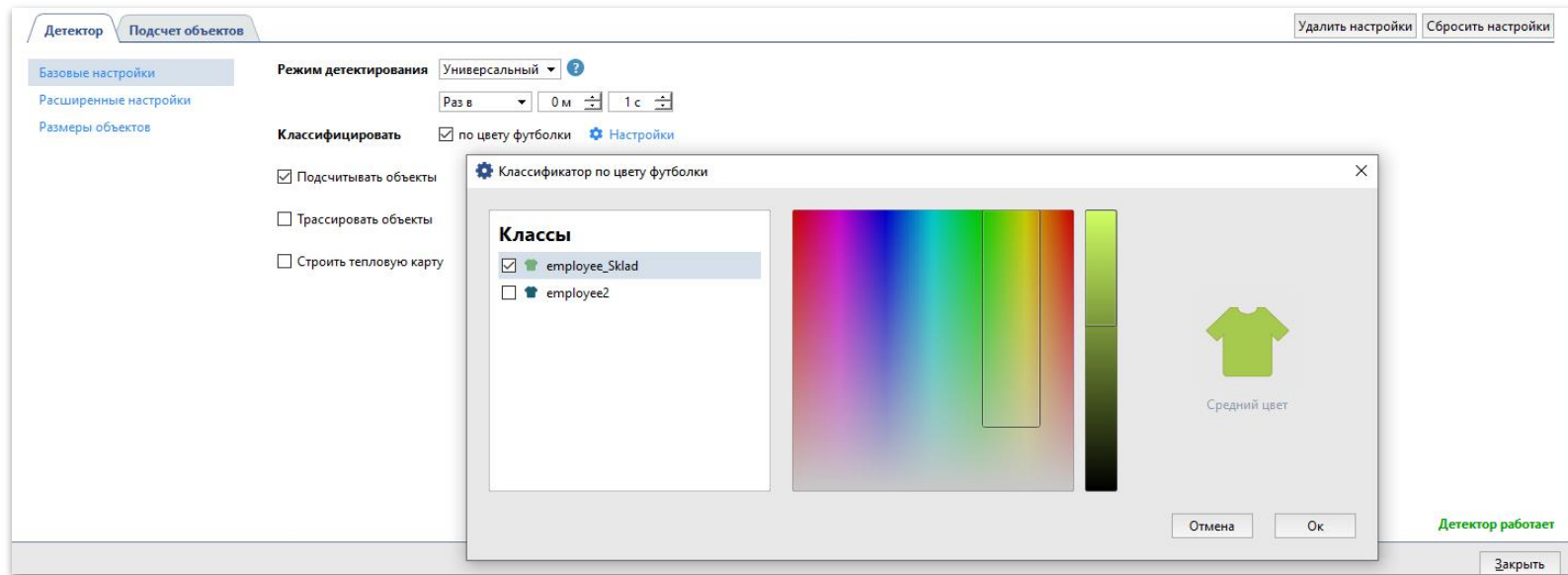
TRASSIR Staff Tracker | DESCRIPTION



TRASSIR Staff Tracker is an intellectual video analytics allowing to assess staff work performance at a point of sale (cashiers, sales representatives or managers).

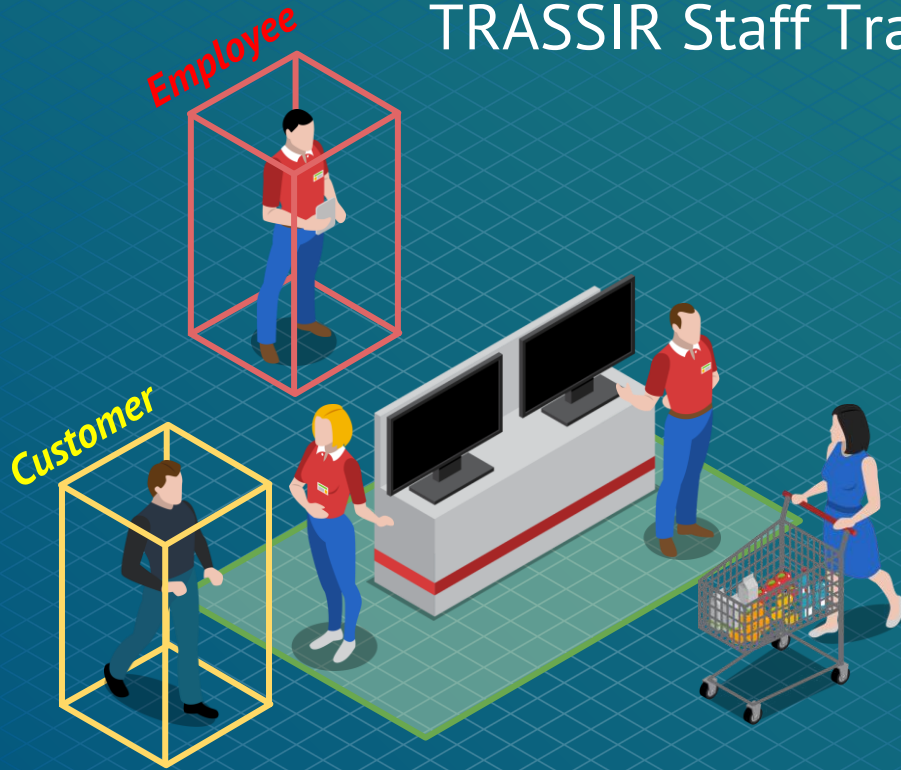
TRASSIR Staff Tracker | SOLUTIONS

TRASSIR Staff Tracker is based on neural networks allowing to detect objects on video with a very high accuracy.



It distinguishes employees from customers through the uniform color

TRASSIR Staff Tracker | Solutions

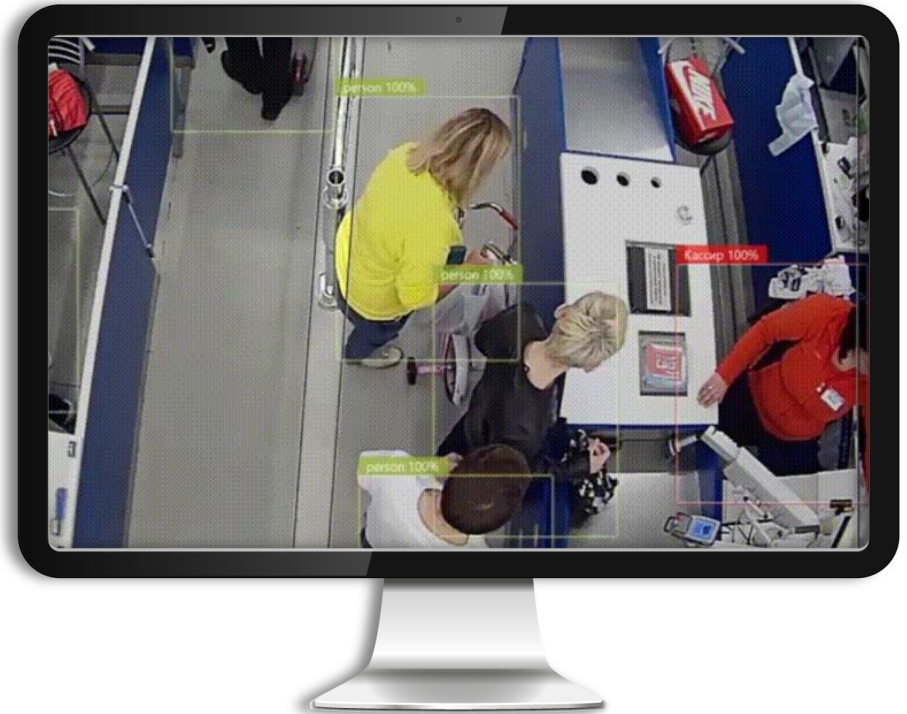


- It gathers statistics on how many employees are within the defined area.
- It generates a notification if during a certain period of time the employee is not identified within the zone.
- It generates a notification if no employee approaches a customer.

TRASSIR Staff Tracker | SOLUTIONS

TRASSIR Staff Tracker:

- counts the number of attended and unattended customers
- creates a report on how fast a customer is approached by the employee



TRASSIR Staff Tracker | USE CASE

Case:

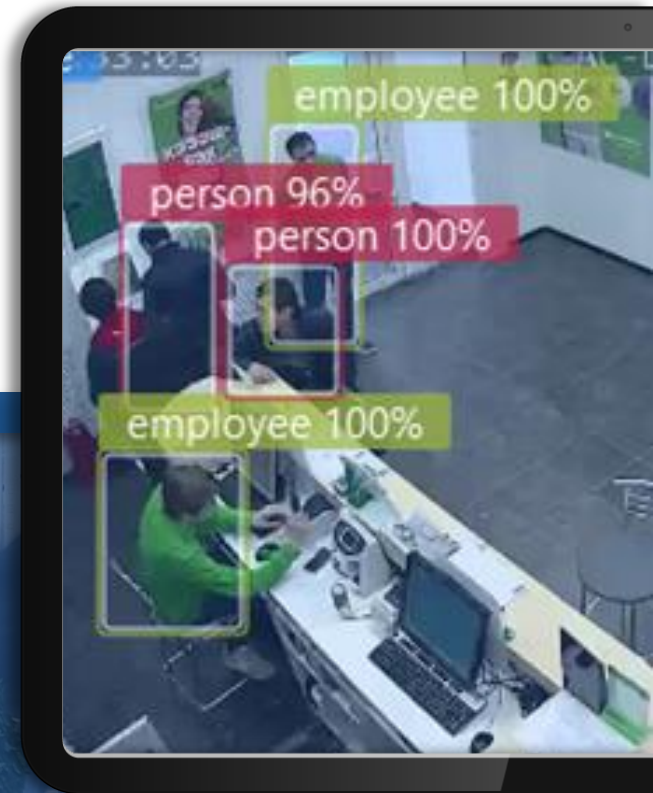
Staff performance assessment and optimization at a point of sale.

Issue:

To assess how much time a customer who entered a point of sale waits to be attended to by an employee.

Solution:

The intellectual video analytics detects a customer's presence and starts keeping track of the customer as soon as the person enters the store. At that moment the analytics starts counting the time the customers waits to be attended to.



TRASSIR Staff Tracker | USE CASE

Case:

Staff performance assessment and optimization at a point of sale.

How it works:

For each frame the intellectual video analytics identifies all the employees by the uniform and registers the distance between each employee and the customer.

If the distance becomes shorter and reaches the set value the analytics assumes that the employee did approach.

Once this happens time count stops. If the value of counter exceeds the set value a notification is generated.



TRASSIR Staff Tracker | NOTIFICATIONS

If the time-limit set in customized settings is exceeded **TRASSIR Staff Tracker** automatically sends a notification to the operator via one or more information channel:

To e-mail



As a text
message



To Telegram

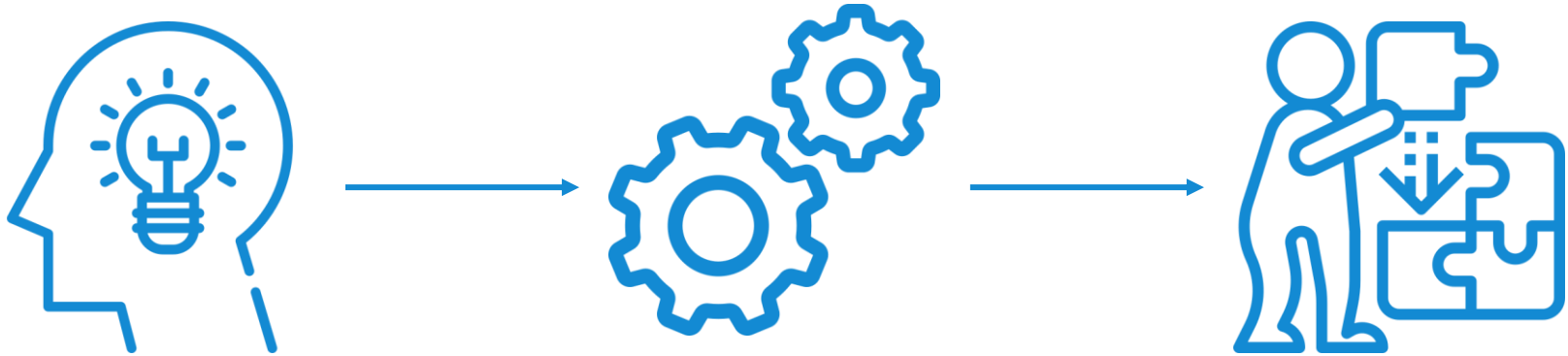


To TRASSIR clients



TRASSIR Staff Tracker | SCRIPTS

TRASSIR Staff Tracker allows to improve basic functionality by use of **Python** scripts.



TRASSIR Staff Tracker | REPORTS

TRASSIR Staff Tracker allows to:

- create column report for further processing;
- provide for detailed information: data on how each customer is attended to helps to understand how much a customer waited for an employee.

Объект	Начало периода: Источник данных	01.01.2019	Конец периода:		31.01.2019	Конечное время	Количество обслуженных вовремя посетителей	Количество не обслуженных вовремя посетителей	Всего посетителей	Среднее время реакции сотрудника
		Начальная дата	Начальное время	Конечная дата						
Магазин 1	Зона Торговый зал	01.01.2019	9:00:00	01.01.2019	22:00:00		300	100	400	0:06:35
Магазин 1	Зона Торговый зал	02.01.2019	9:00:00	02.01.2019	22:00:00		320	130	450	0:07:01
Магазин 2	Зона Торговый зал	03.01.2019	9:00:00	03.01.2019	22:00:00		230	256	486	0:07:27
Магазин 2	Зона Торговый зал	04.01.2019	9:00:00	04.01.2019	22:00:00		201	299	500	0:07:53
Магазин 3	Зона Торговый зал	05.01.2019	9:00:00	05.01.2019	22:00:00		323	101	424	0:08:19
Магазин 3	Зона Торговый зал	06.01.2019	9:00:00	06.01.2019	22:00:00		389	98	487	0:08:45
Магазин 1	Зона Торговый зал	07.01.2019	9:00:00	07.01.2019	22:00:00		211	135	346	0:09:11
Магазин 1	Зона Торговый зал	08.01.2019	9:00:00	08.01.2019	22:00:00		270	136	406	0:09:37
Магазин 2	Зона Торговый зал	09.01.2019	9:00:00	09.01.2019	22:00:00		333	89	422	0:10:03
Магазин 2	Зона Торговый зал	10.01.2019	9:00:00	10.01.2019	22:00:00		404	77	481	0:10:29
Магазин 3	Зона Торговый зал	11.01.2019	9:00:00	11.01.2019	22:00:00		232	256	488	0:10:55
Магазин 3	Зона Торговый зал	12.01.2019	9:00:00	12.01.2019	22:00:00		299	201	500	0:11:21

TRASSIR Staff Tracker | TRASSIR NeuroStation

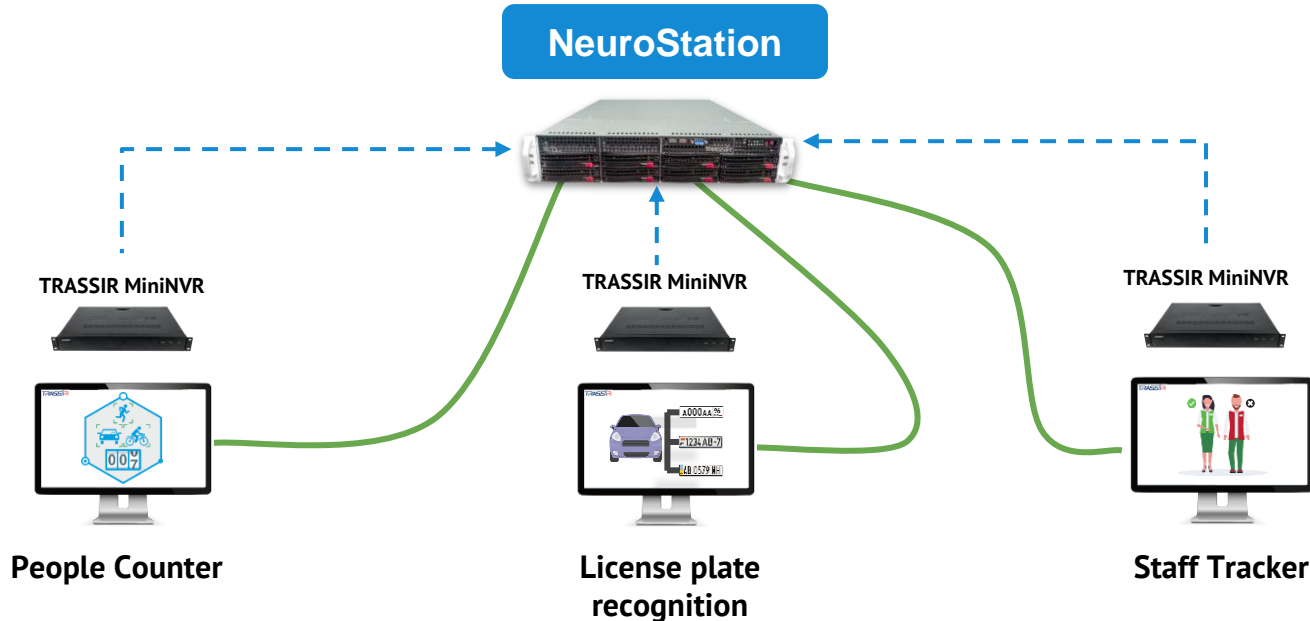
TRASSIR Staff Tracker runs on **TRASSIR NeuroStation** line.



TRASSIR Staff Tracker | FEATURES

TRASSIR Staff Tracker supports Offload-analytics.

You can connect several NVRs to **TRASSIR NeuroStation** to get all the features of neural video analytics.





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CCTV ECOSYSTEM