



Lehetőségek egy video analitikai partnertől

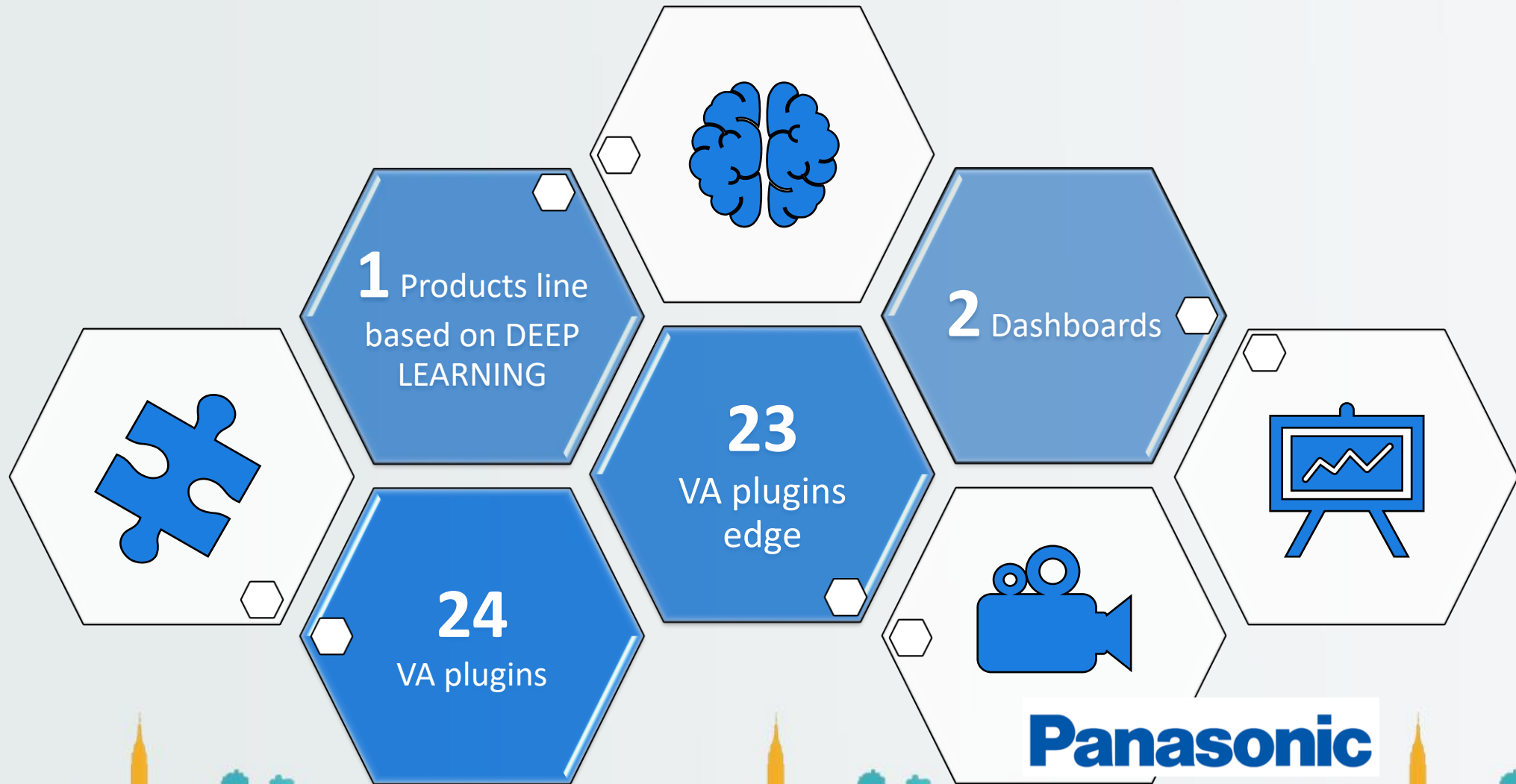


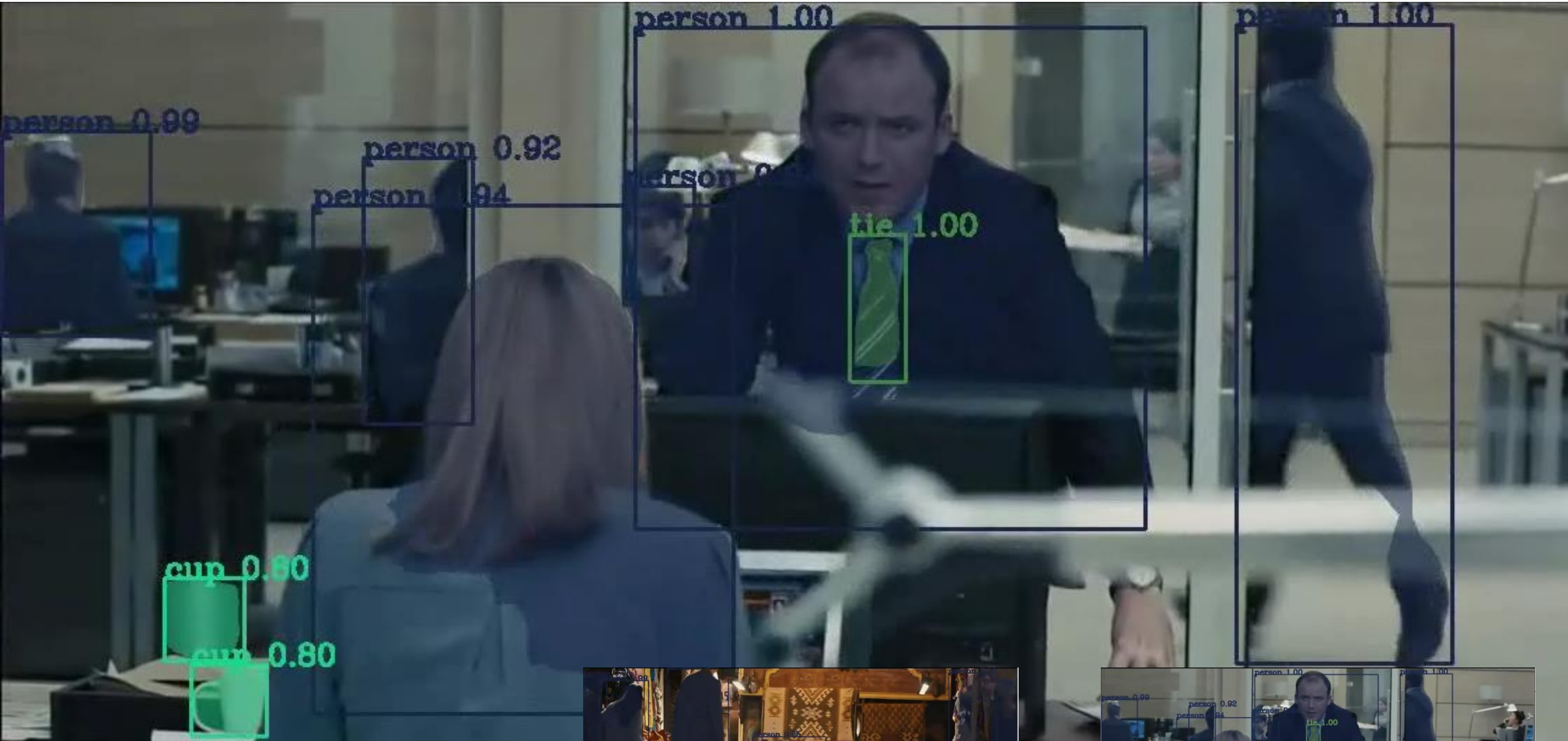
A.I. Tech

The Vision of the future. Now.



Mesterséges intelligencián alapuló rendszerek számokban





Új technológiák



Security



Smart Hospital



Banking Security

AI
Tech **A.I. Tech**
The Vision of the future. Now.



Smart Parking



Smart City

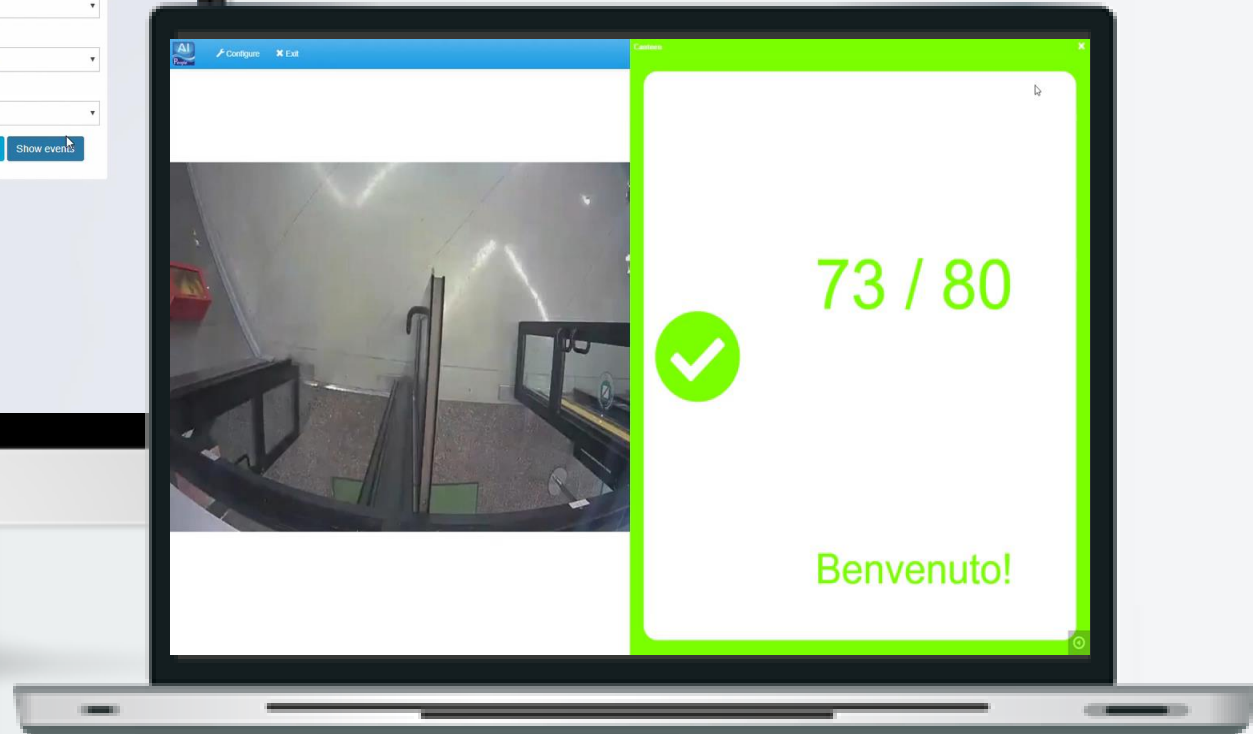
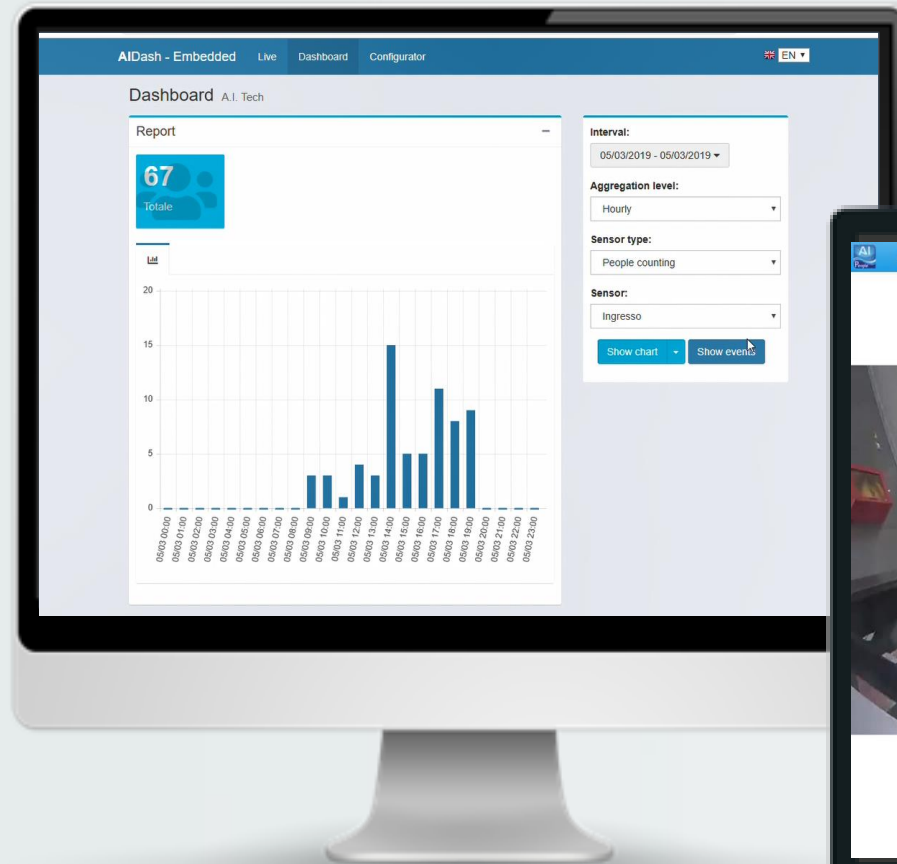


*Retail and
Business Intelligence*



Smart Roads

AI-PEOPLE



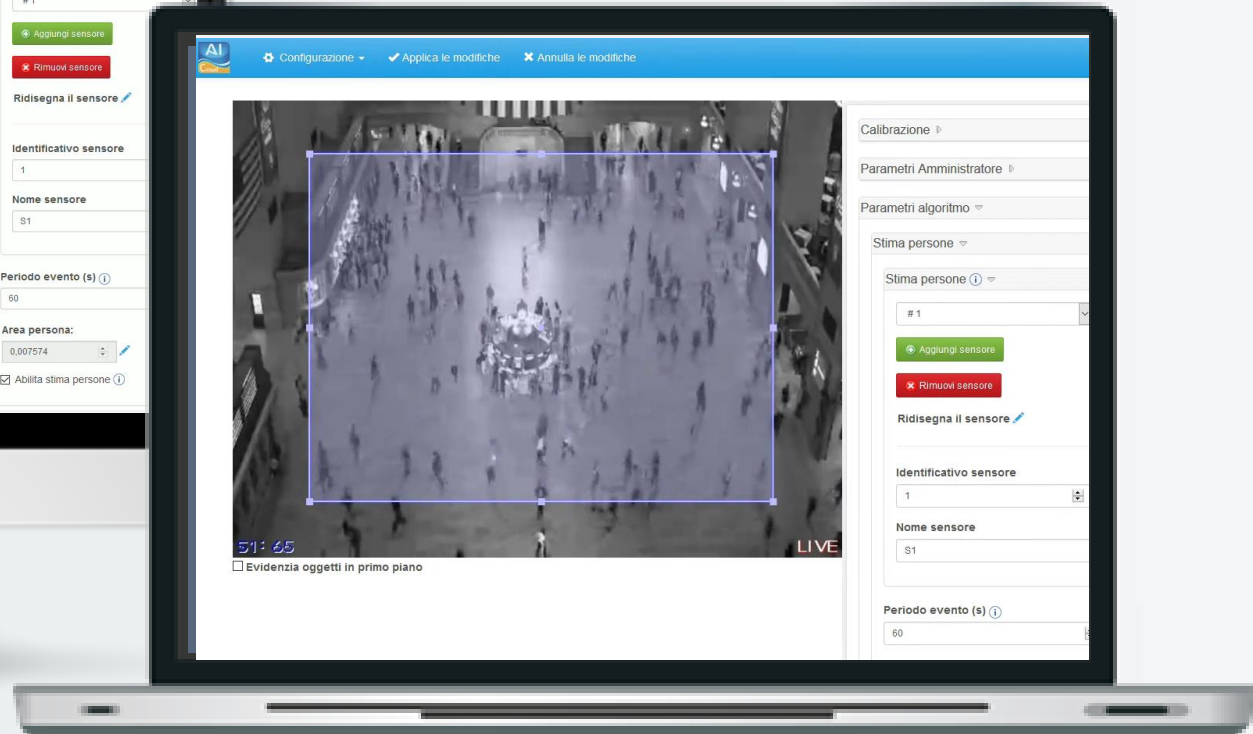
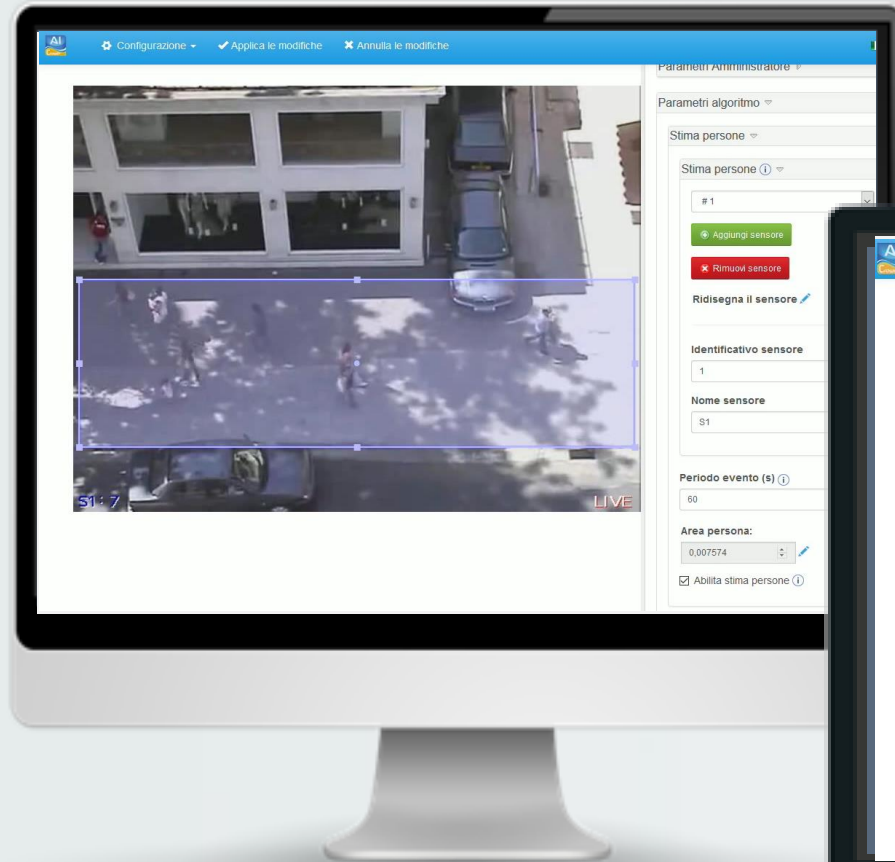
People counting through the gates



INSTALLATION CONSTRAINTS:
Zenithal View

AI-CROWD

AI-OVERCROWD



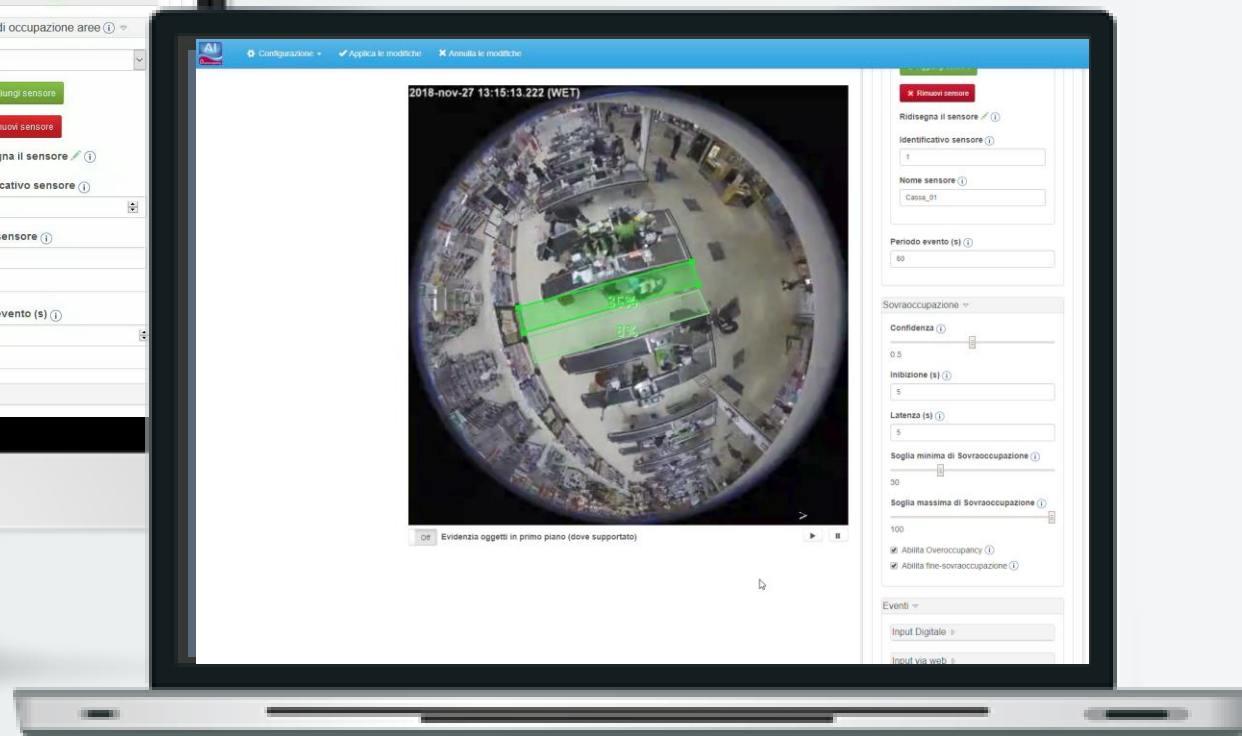
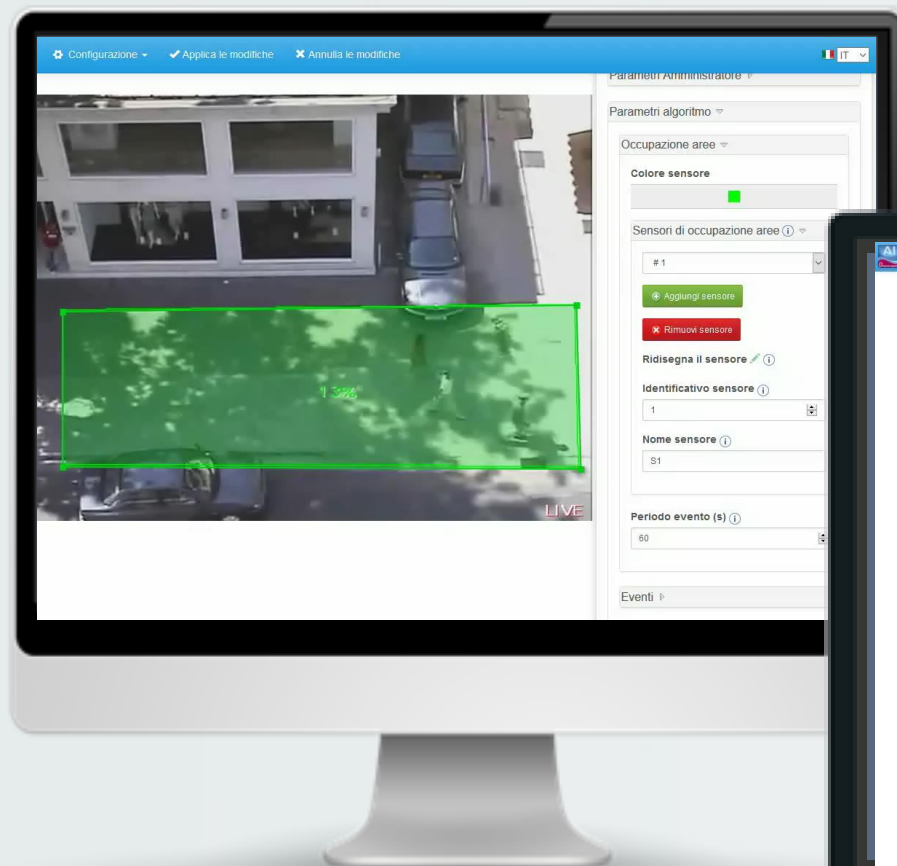
Crowd and overcrowd estimation (alarm in case of high number of persons)



INSTALLATION CONSTRAINTS:
Zenithal view

AI-OCCUPANCY

AI-OVEROCCUPANCY



Density estimation and alarm in case of high percentage of occupation

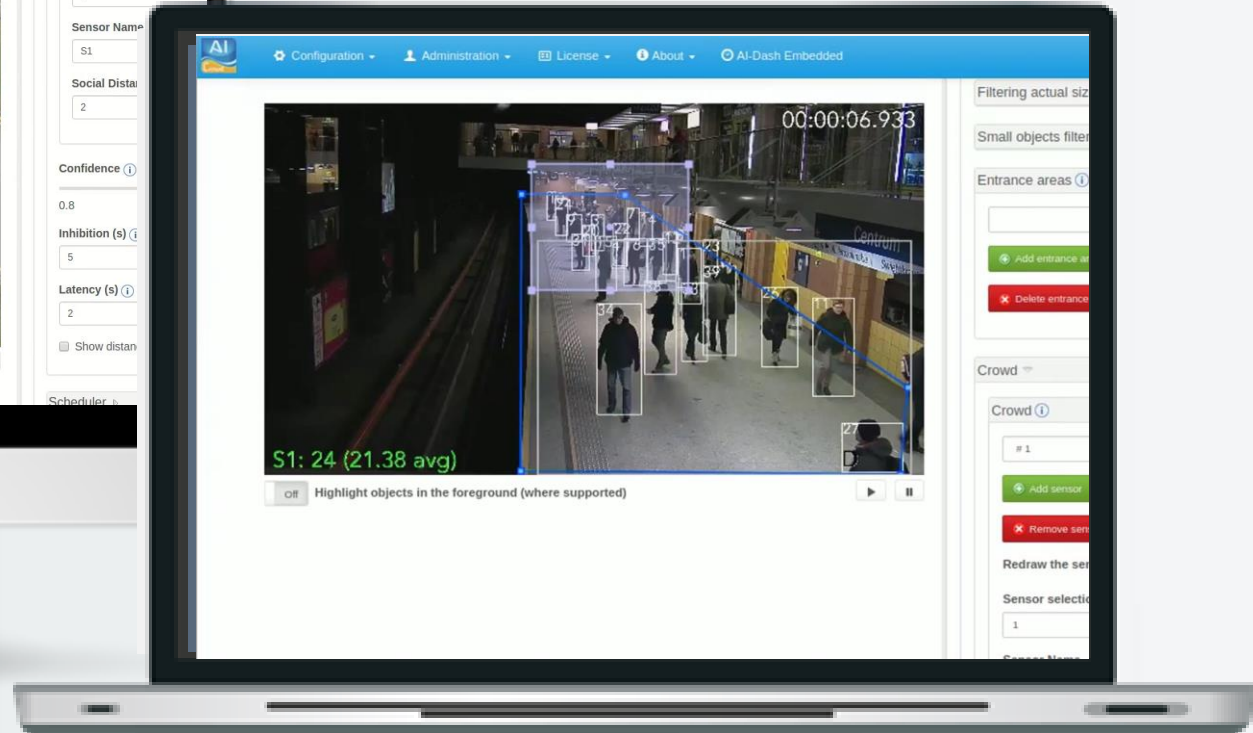
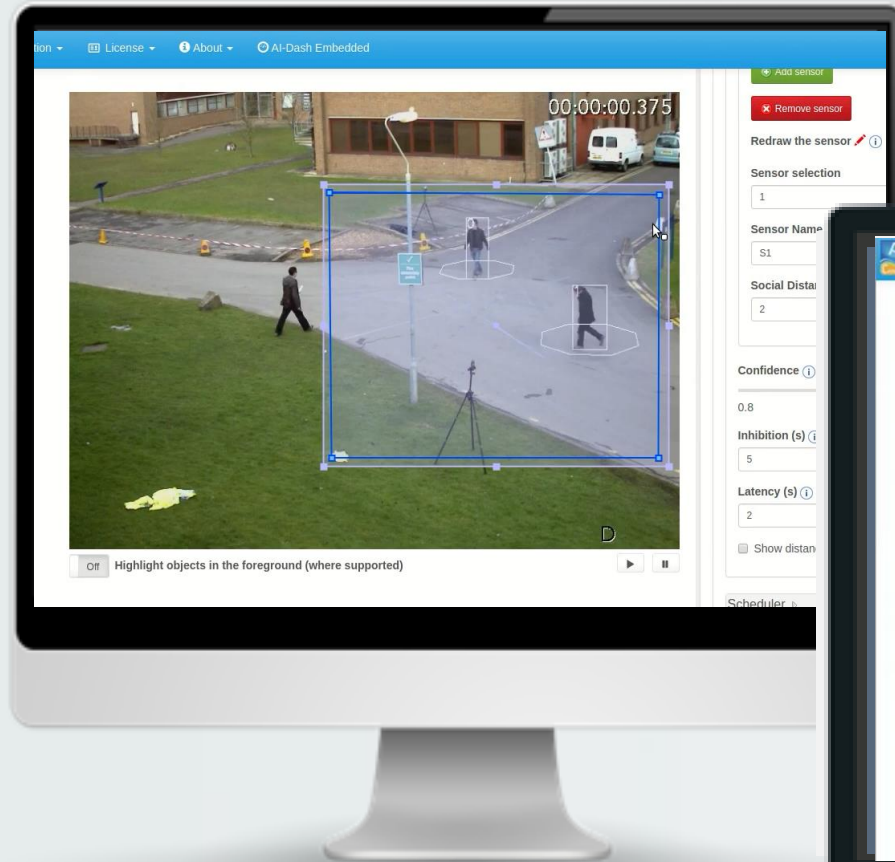
AI-HEAT



Heatmap (hot zones and dead areas)

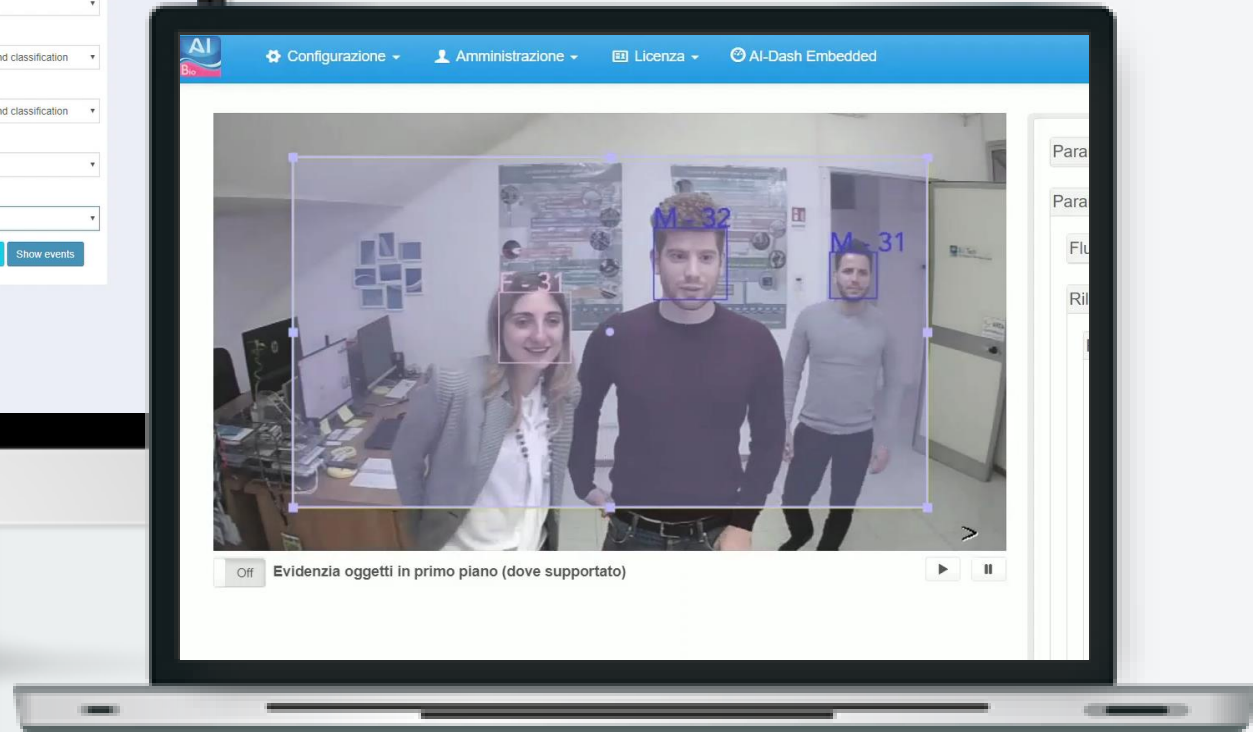
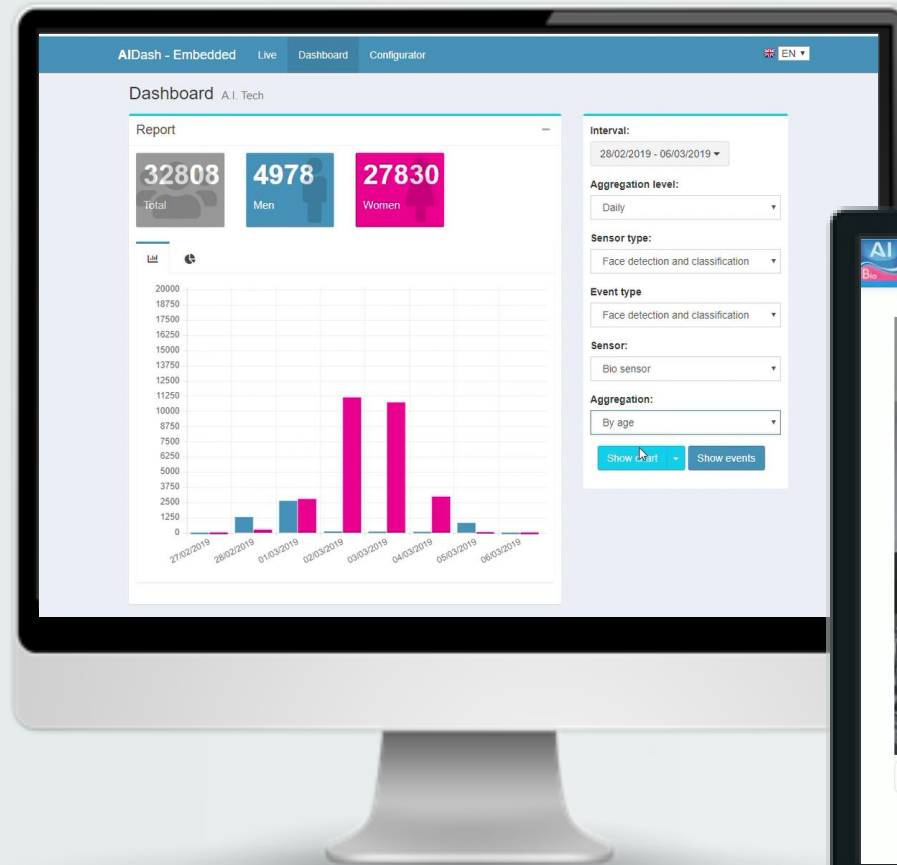


AI-CROWD-DEEP AI-RETAIL-DEEP



Crowd estimation, Overcrowd estimation, Social distance analysis,
Crossing line detection and counting

AI-BIO-DEEP

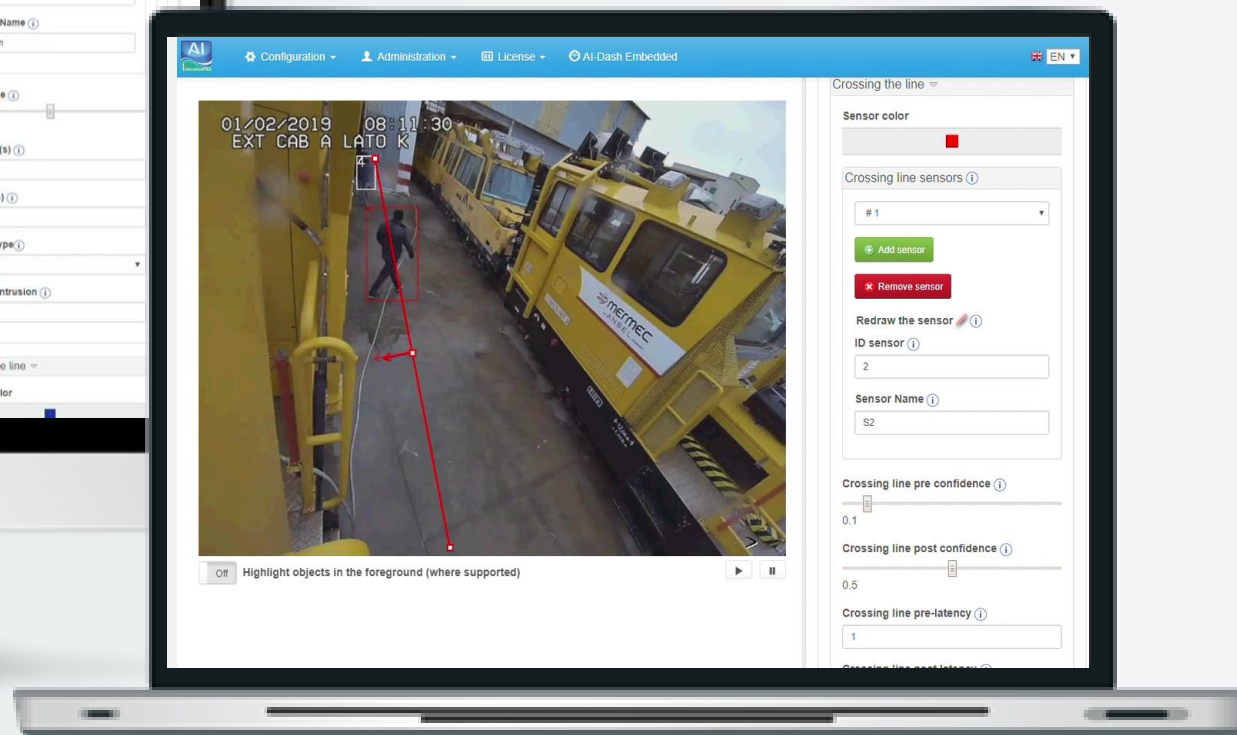
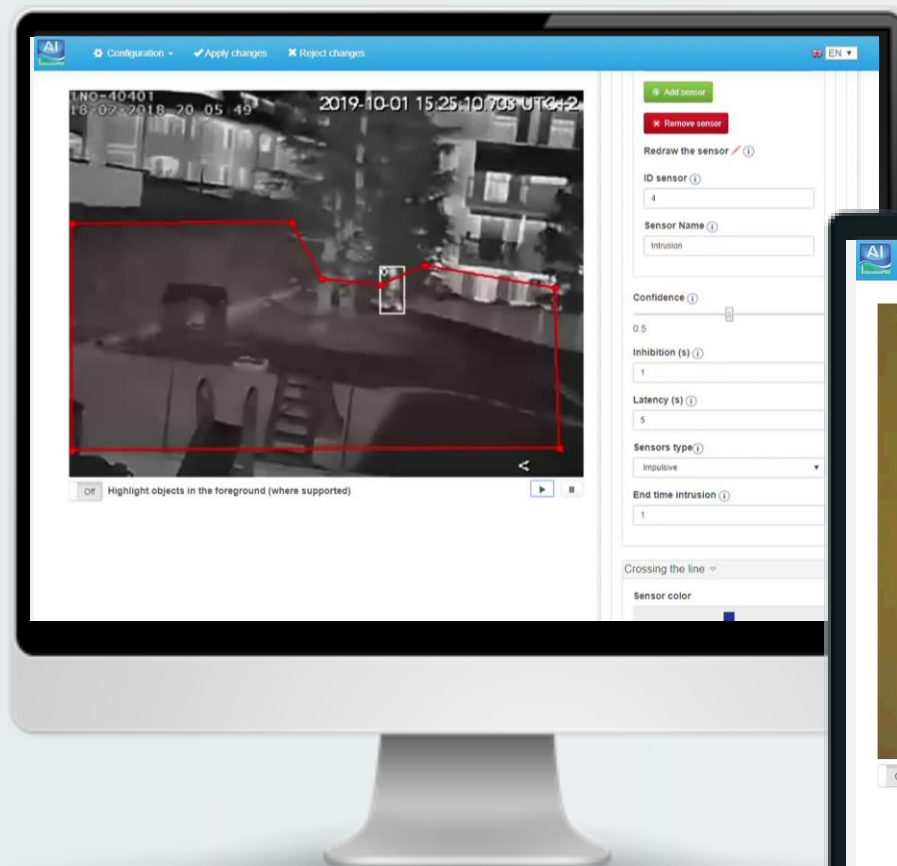


Gender recognition, age estimate,
evaluation of the time spent in front of the monitor



INSTALLATION CONSTRAINTS:
Frontal view

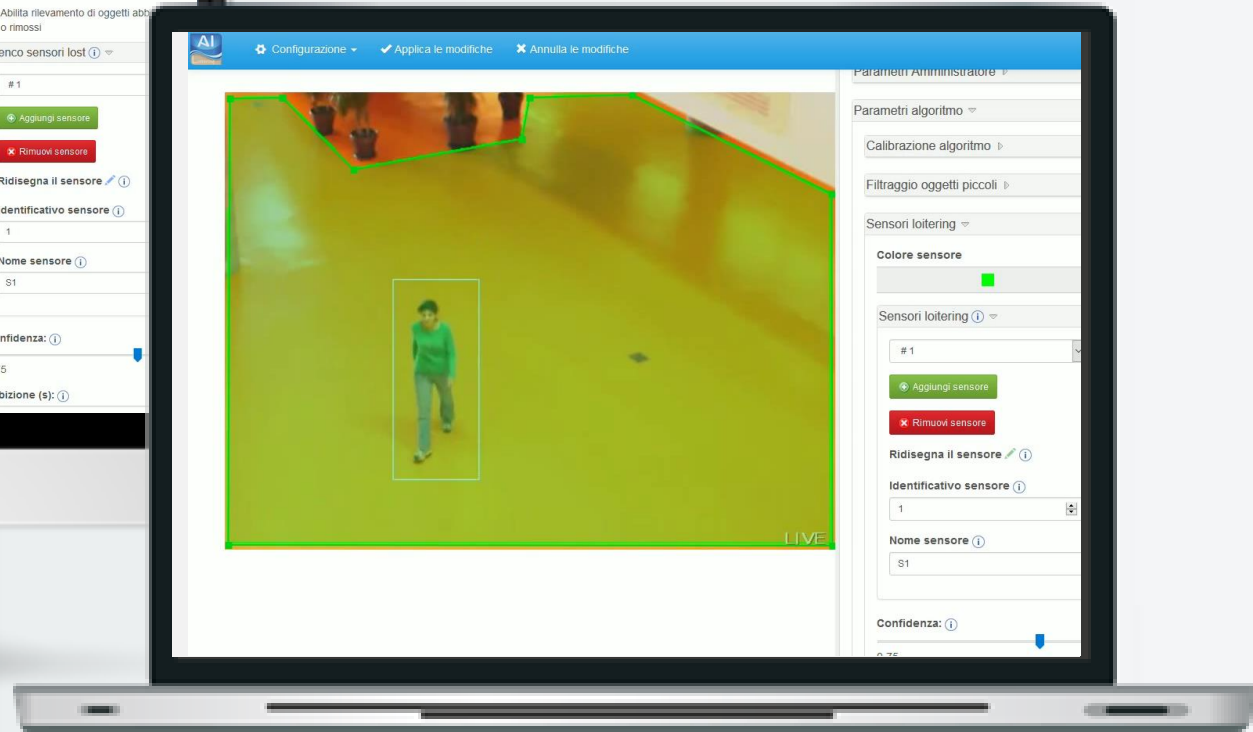
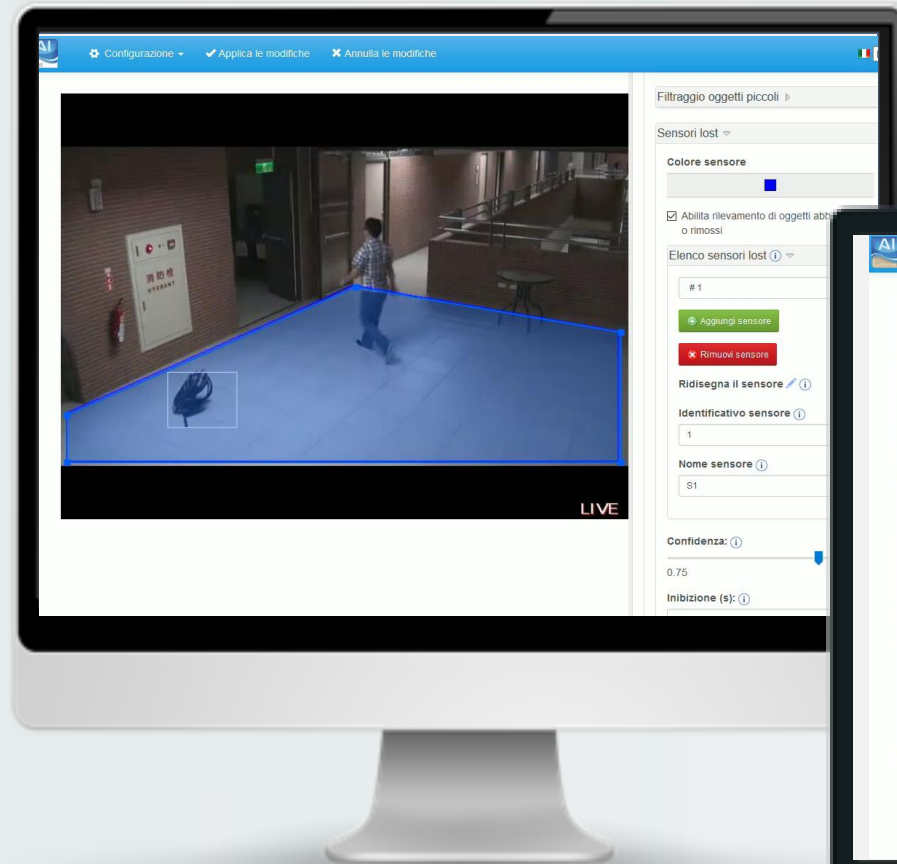
AI-INTRUSION-PRO



Tripwire detection (crossing line detection), multiple crossing line detection, detection of persons entering in sterile zones

AI-LOST

AI-LOITERING



Loitering detection

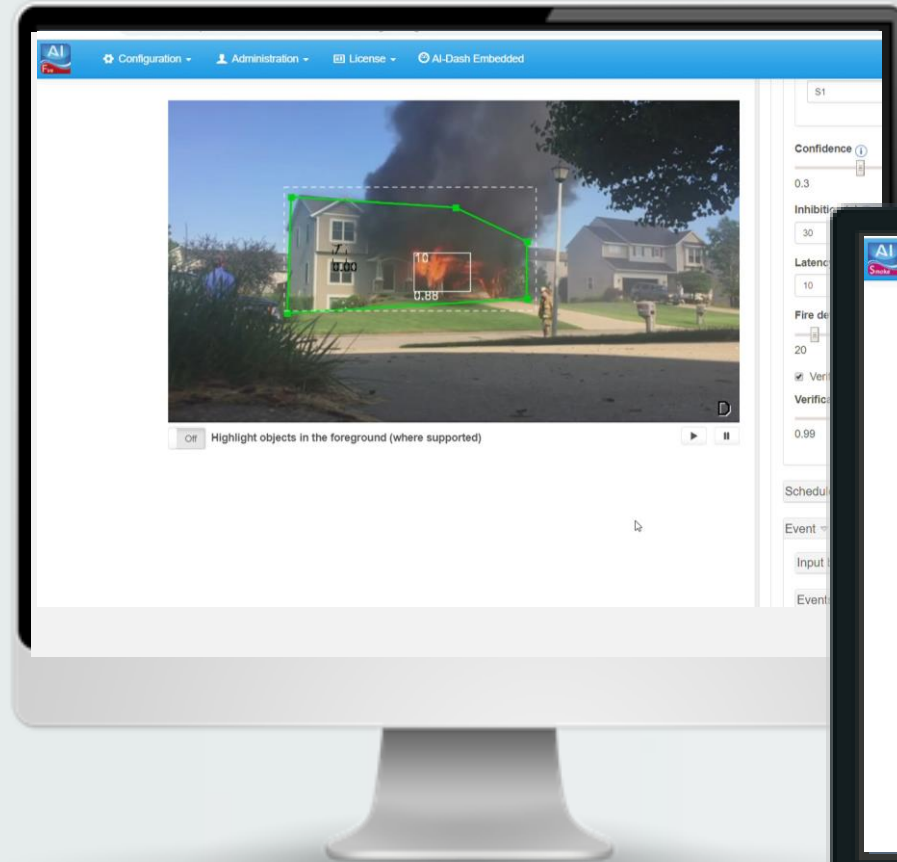


Detection of abandoned/removed object



AI-FIRE-DEEP

AI-SMOKE-DEEP

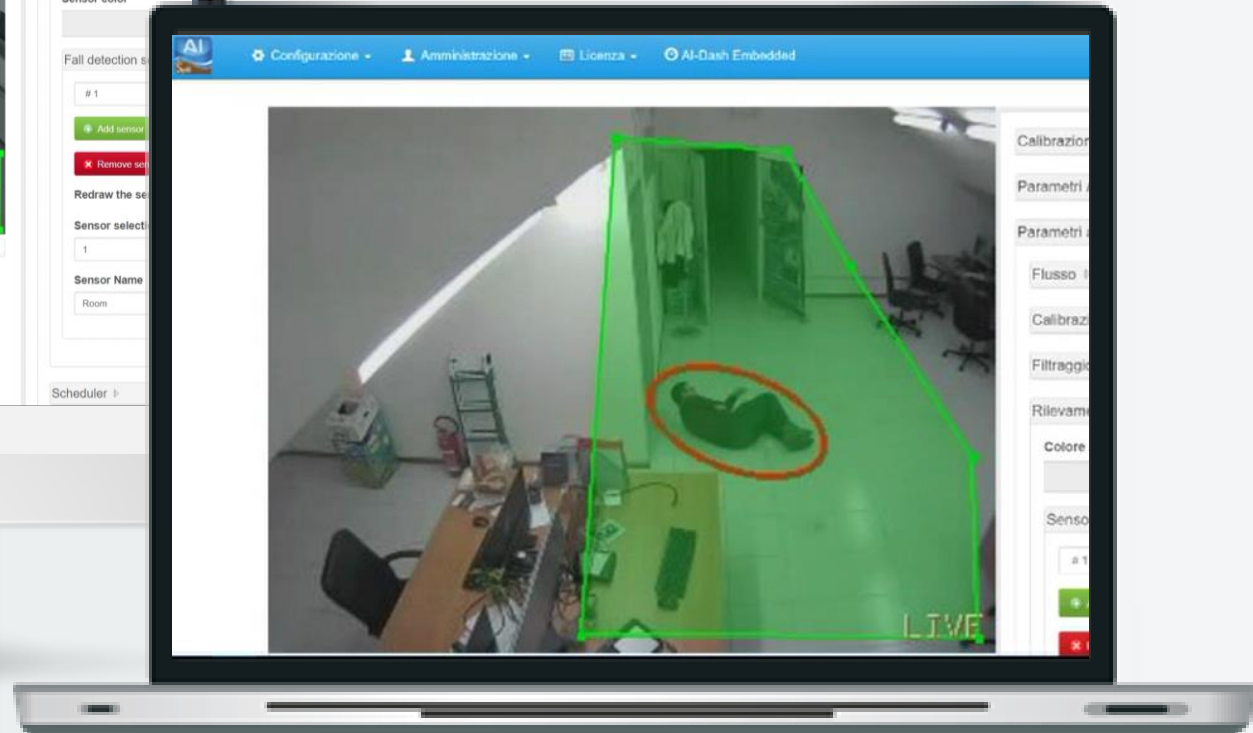
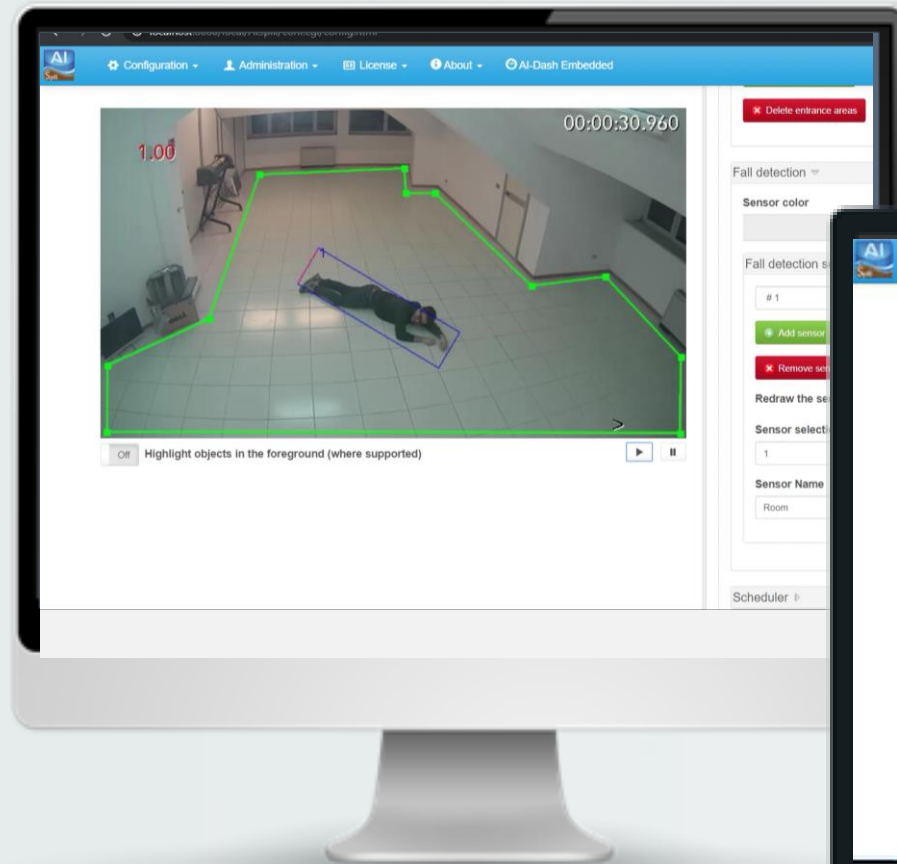


Flame Detection



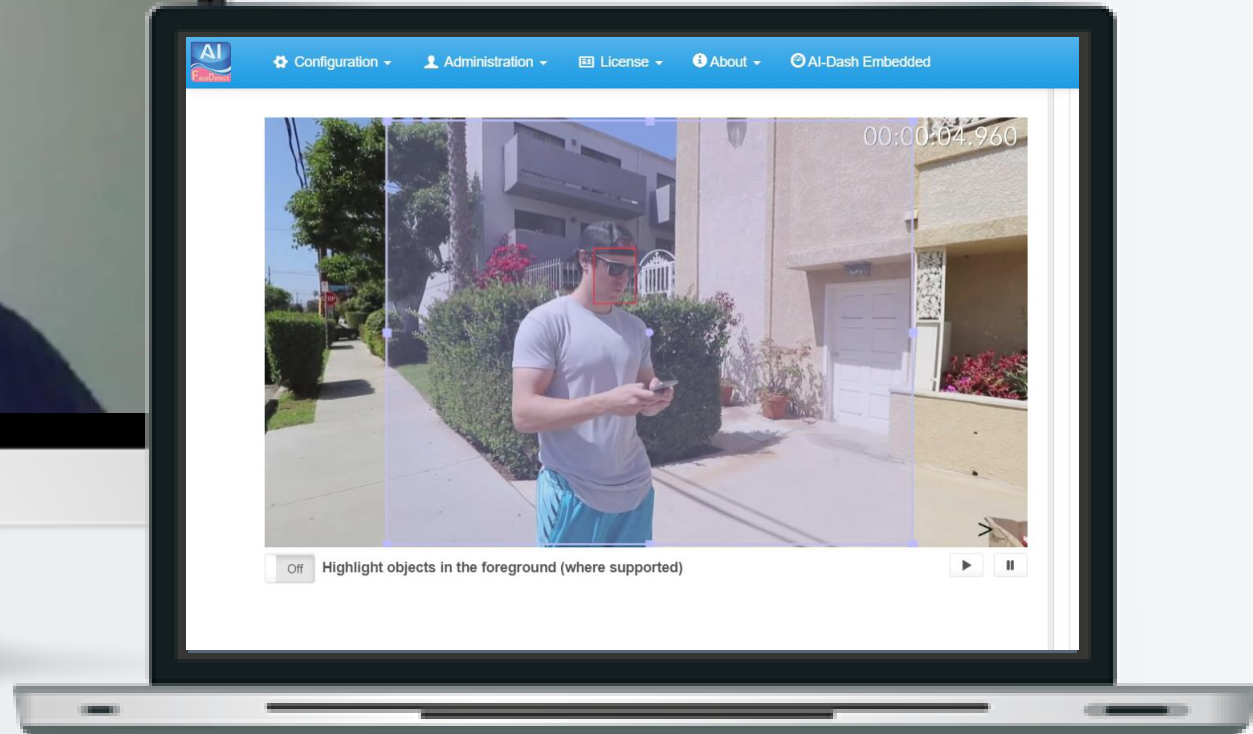
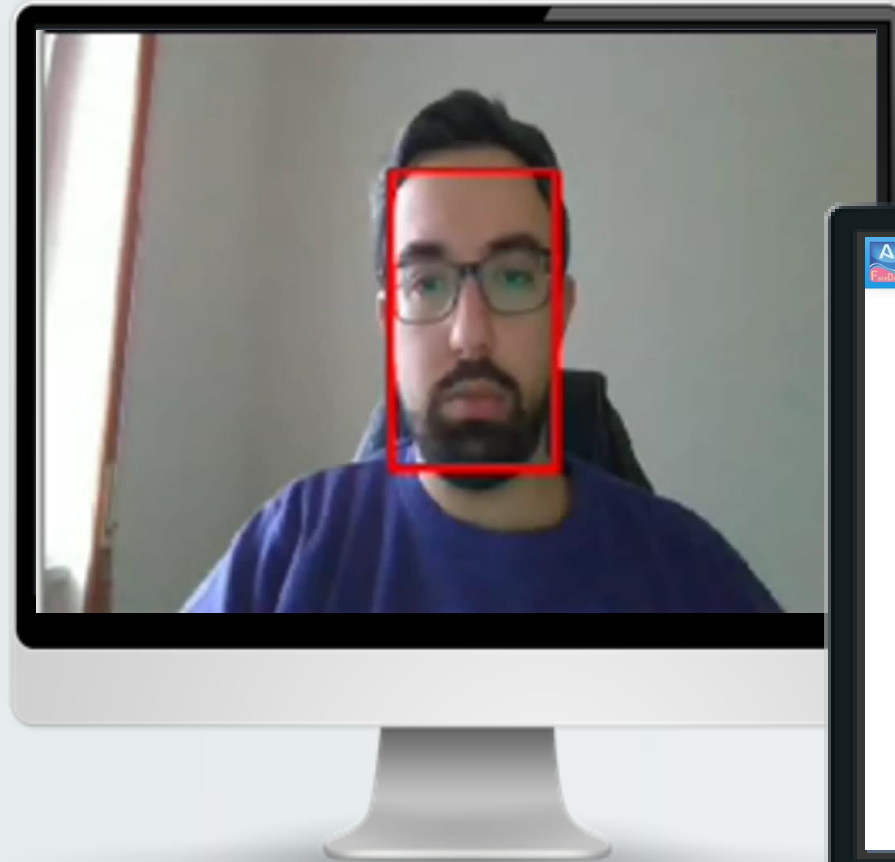
Smoke Detection

AI-SPILL-DEEP



Fall Detection

AI-FACEDTECT-DEEP



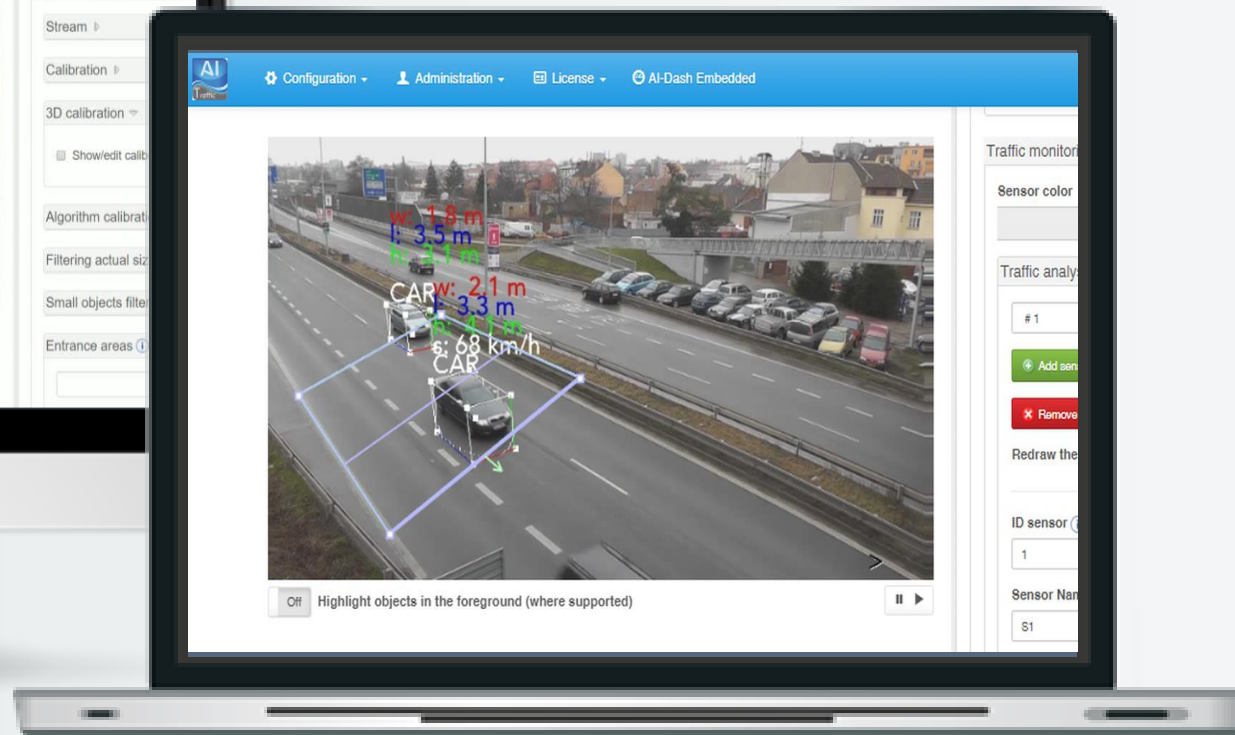
Face detection (with and without mask)



INSTALLATION CONSTRAINTS:
Frontal view

AI-ROAD-3D

AI-ROAD-3D-DEEP

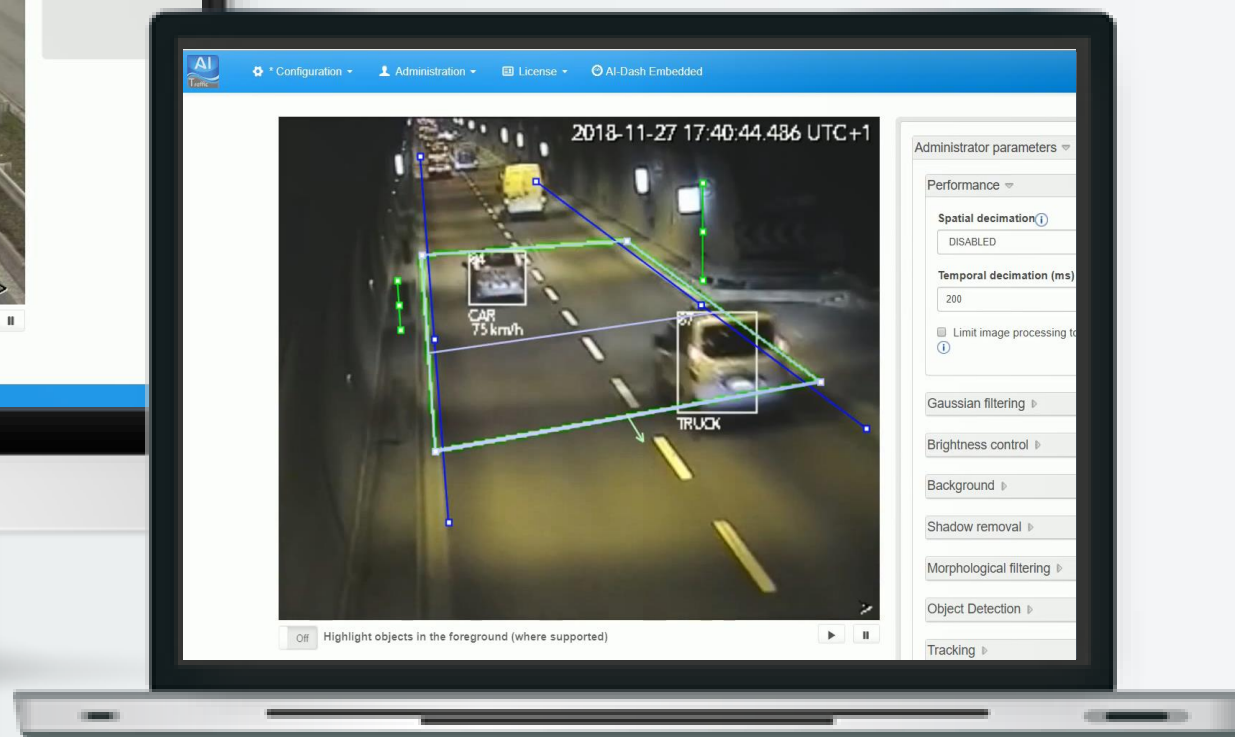


**Vehicles counting and classification,
Traffic density estimation**



**Avg. speed, high speed,
color estimation**

AI-INCIDENT AI-INCIDENT-DEEP



**Traffic density evaluation,
congestion detection**

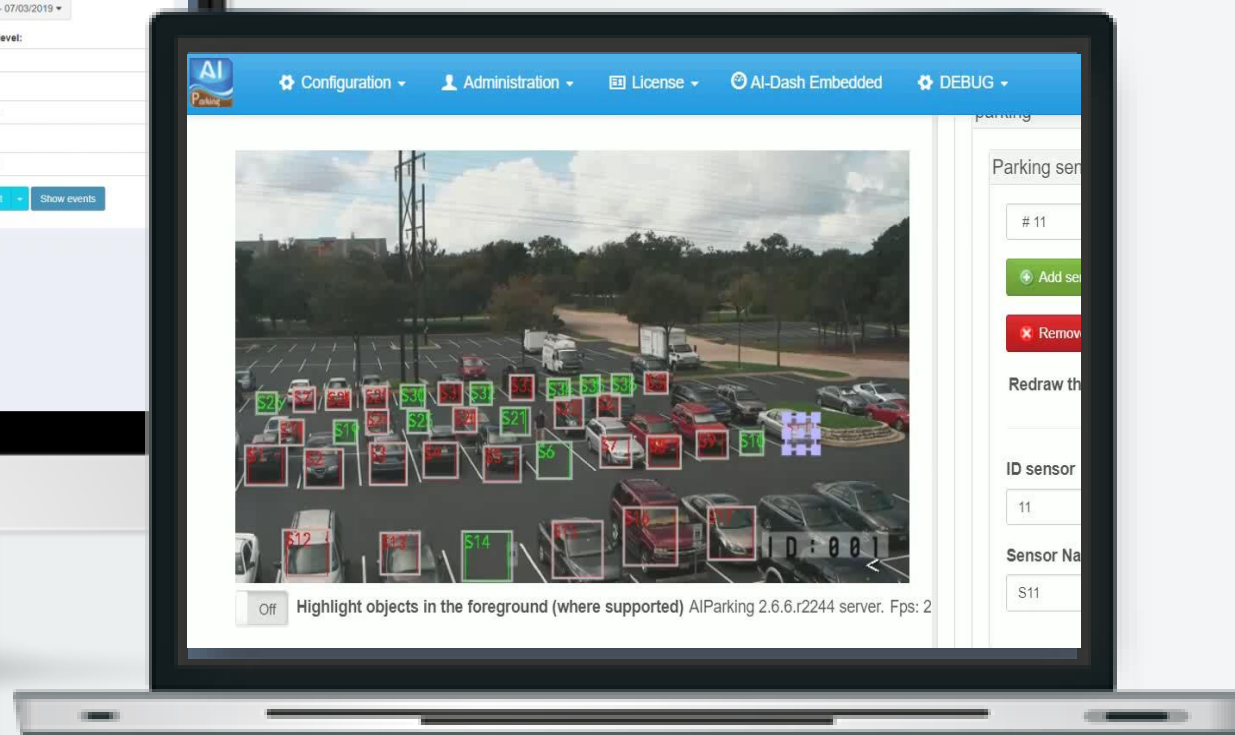
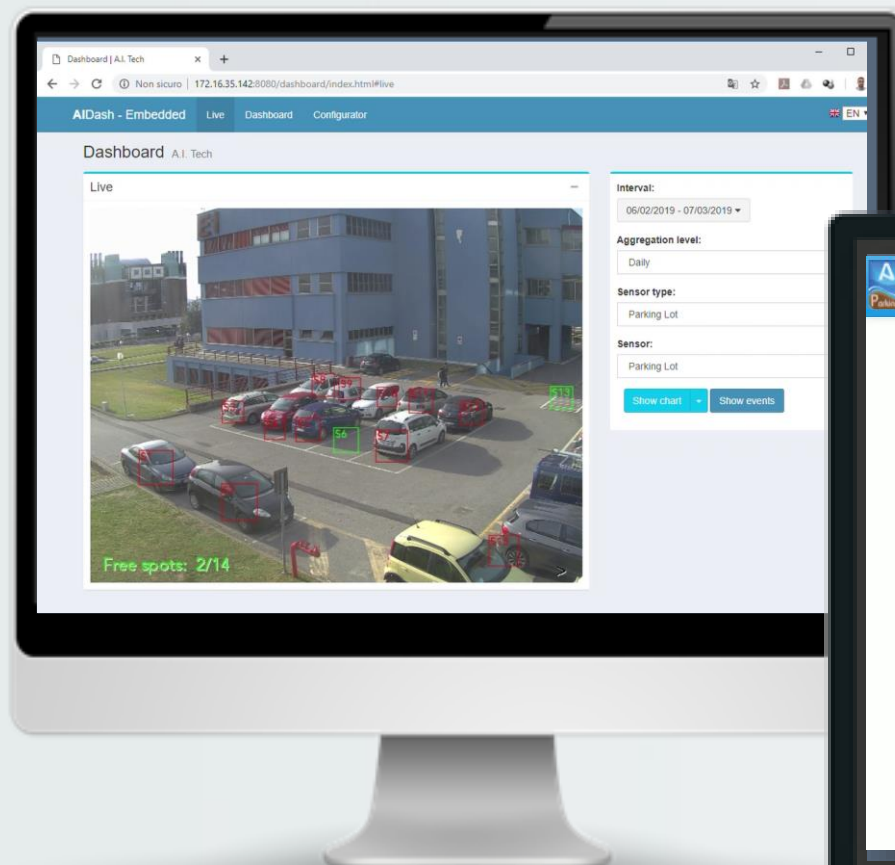


**Stopped vehicle and
Vehicles in the wrong way**



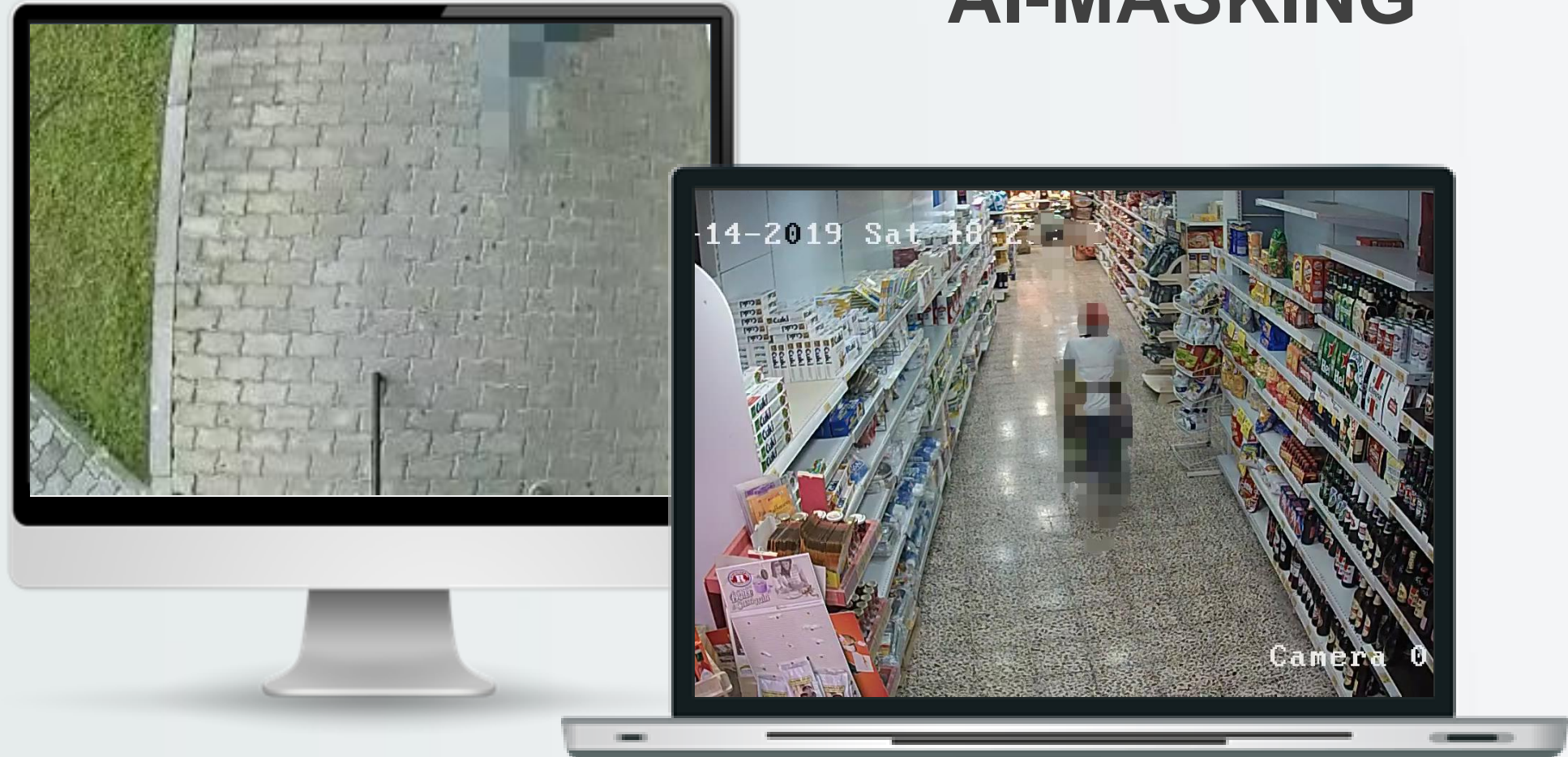
Pedestrian on the road

AI-PARKING-DEEP



Identifying if a given place is free or occupied

AI-MASKING



Live masking (exporting HTTP stream)



INTEGRATION

VMS



Standard Protocols



EMAIL



HTTP (CGI)



HTTP (REST)



FTP



UDP / TCP



MODBUS (TCP)



MQTT

NVR



NVRs (UDP/TCP)

A.I. TECH



AI-DASH-EMBEDDED



AI-DASH-PRO

AI-DASH-PRO



Collection

Collection of data from different sensors



Aggregation

Aggregation of data coming from different sensors



Visualization

User friendly web interface for data visualization



Report

Periodic reports automatically sent by e-mail



Diagnostics

Automatic notification in case of device malfunction

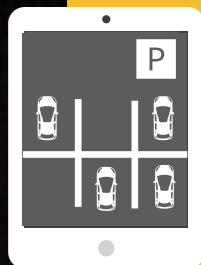
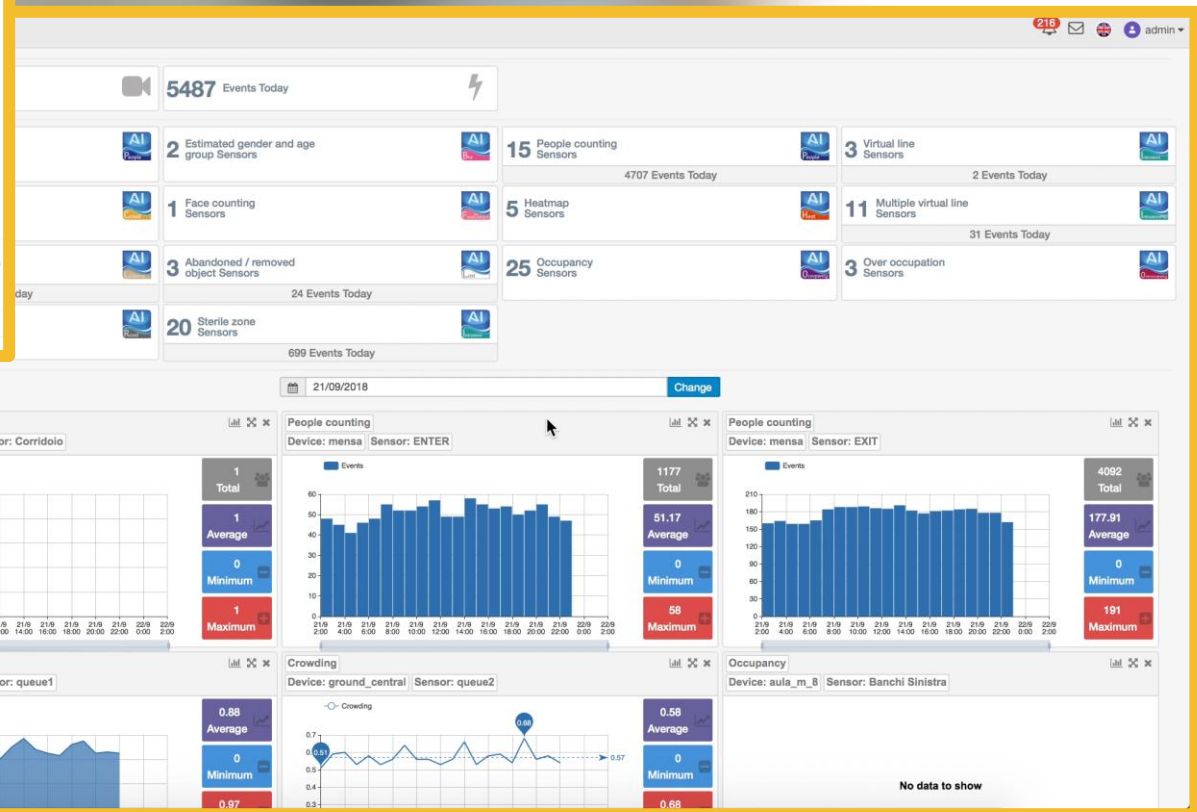
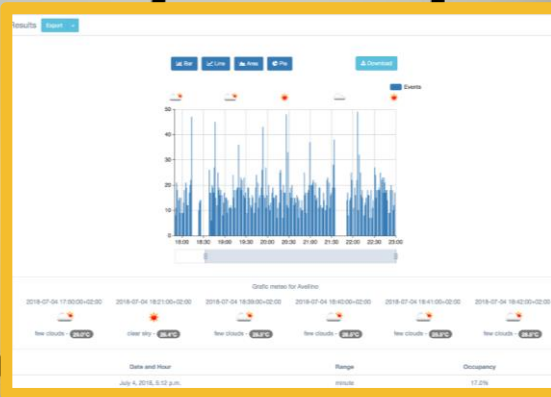
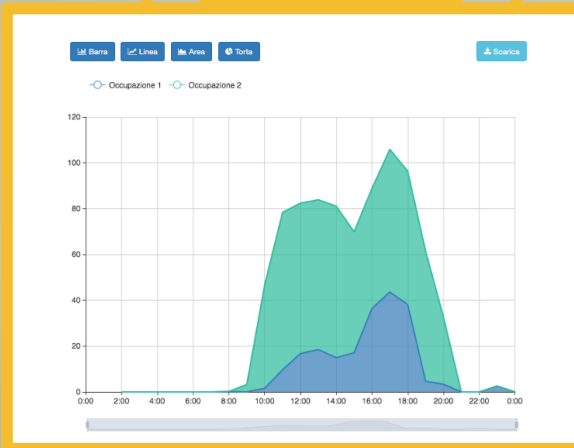


Alarms

Automatic notification in case of alarms (i.e. overcrowd)

Visualization

User friendly web interface for data visualization

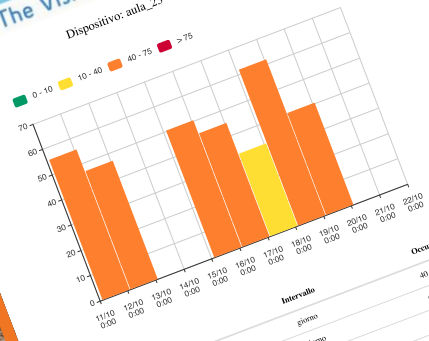


Report

Periodic reports sent automatically by email, containing the data collected

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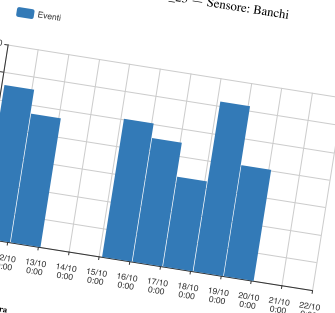
Dispositivo: aula_23 — Sensore: Banchi



Data e Ora	Intervallo	Occupazione
19/10/2018, 02:00:00	giorno	40.37 - Media
18/10/2018, 02:00:00	giorno	61.73 - Media
17/10/2018, 02:00:00	giorno	32.66 - Bassa
16/10/2018, 02:00:00	giorno	44.96 - Media
15/10/2018, 02:00:00	giorno	50.21 - Media
12/10/2018, 02:00:00	giorno	46.83 - Media
11/10/2018, 02:00:00	giorno	55.48 - Media

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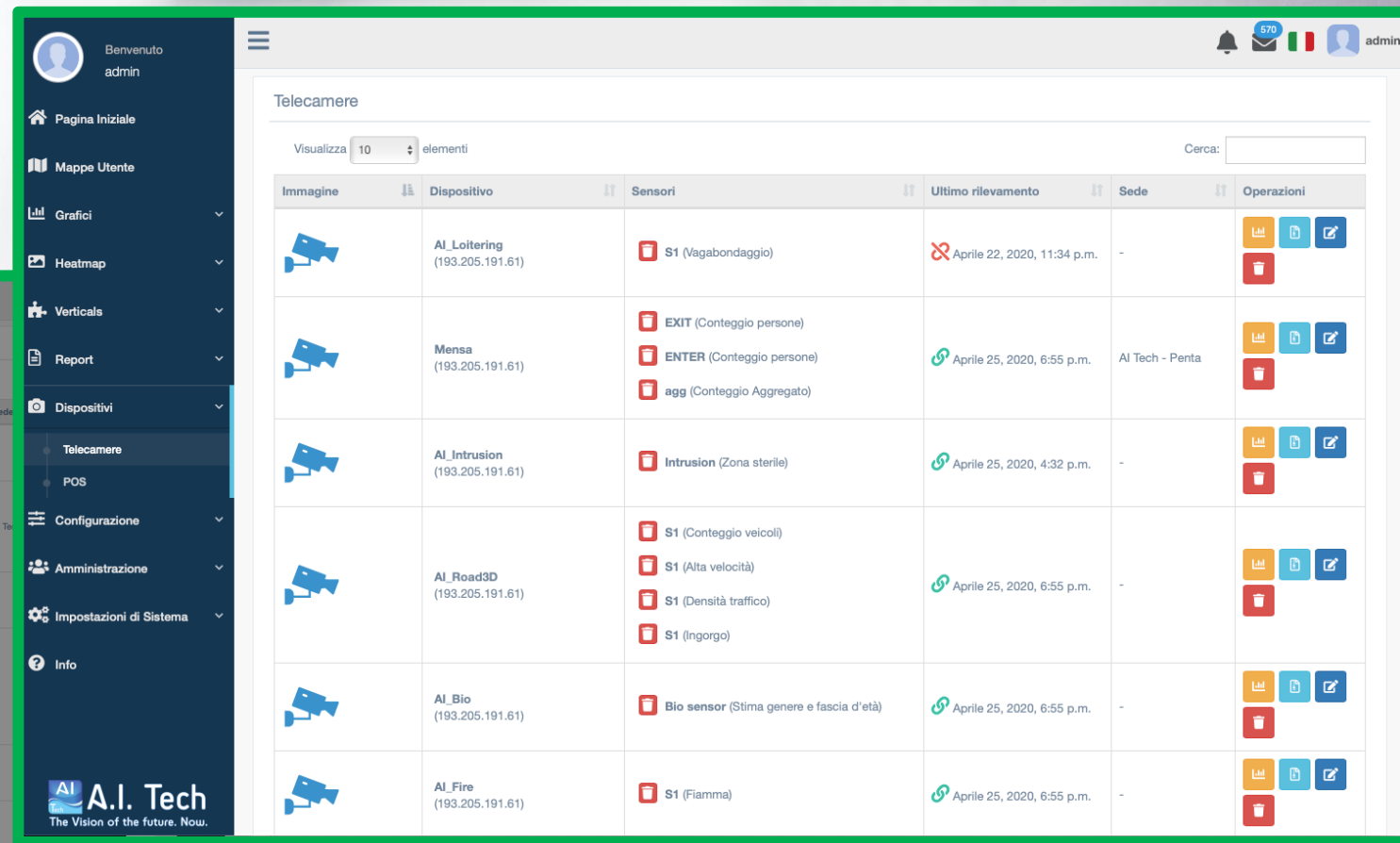
Dispositivo: aula_23 — Sensore: Banchi

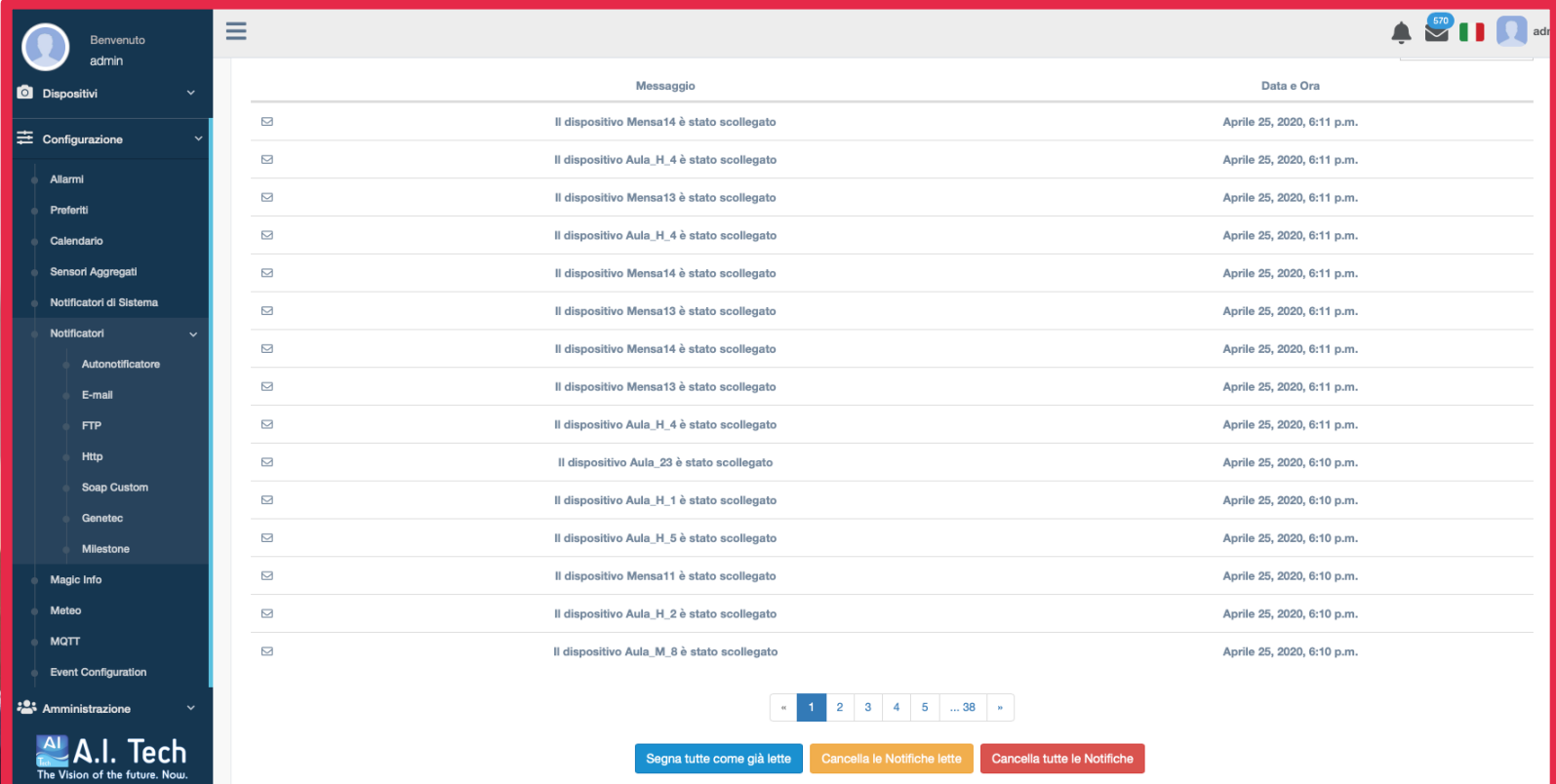
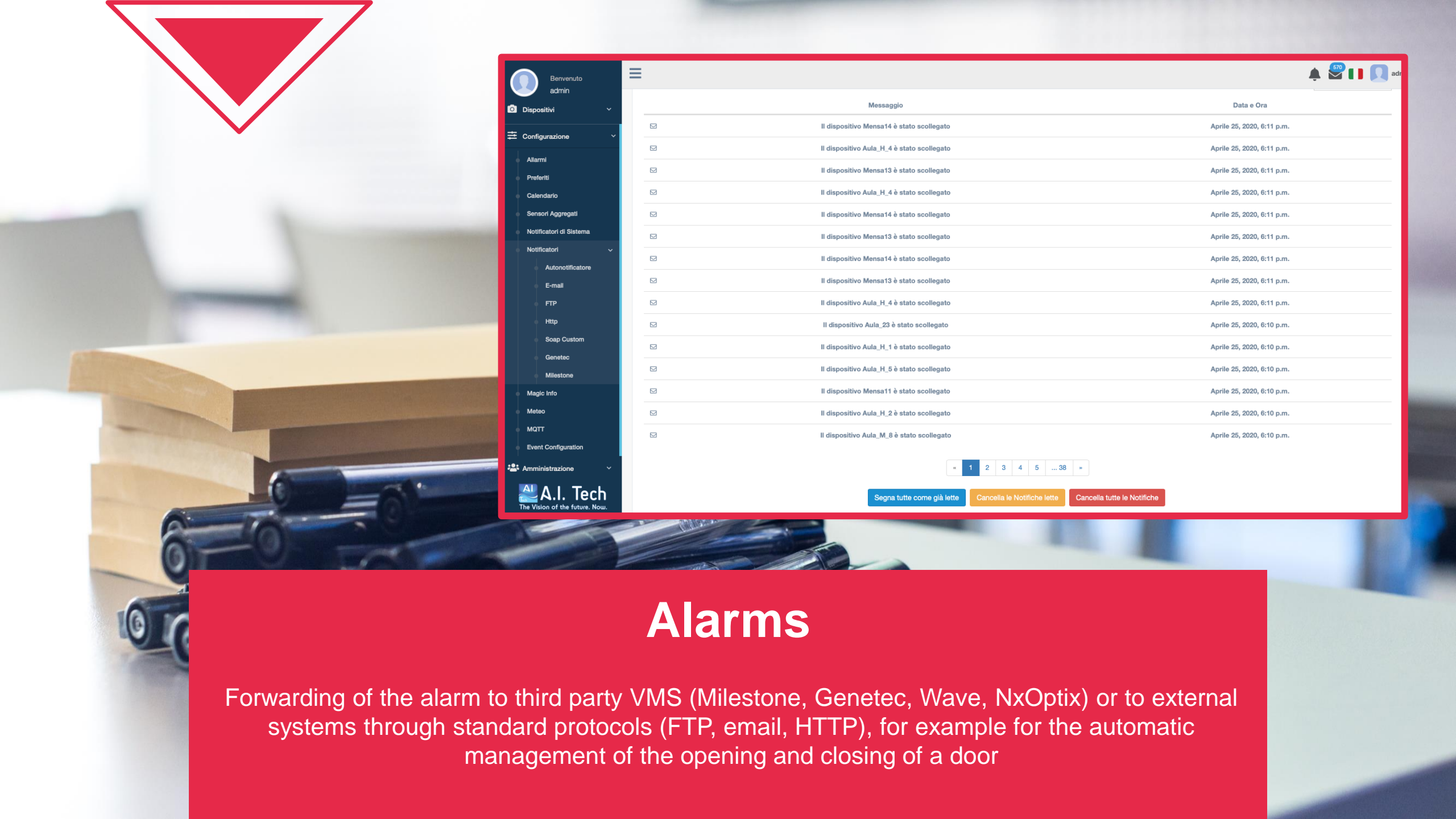



Data e Ora	Intervallo	Occupazione
19/10/2018, 02:00:00	giorno	40.37
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17/10/2018, 02:00:00	giorno	32.66
16/10/2018, 02:00:00	giorno	44.96
15/10/2018, 02:00:00	giorno	50.21
12/10/2018, 02:00:00	giorno	46.83
11/10/2018, 02:00:00	giorno	55.48

Diagnostics

Automatic notification via email in case of device malfunction





























The screenshot displays the A.I. Tech web interface. On the left is a dark sidebar menu with the following sections: 'Dispositivi', 'Configurazione' (containing 'Allarmi', 'Preferiti', 'Calendario', 'Sensori Aggregati', 'Notificatori di Sistema', and 'Notificatori' with sub-items 'Autonotificatore', 'E-mail', 'FTP', 'Http', 'Soap Custom', 'Genetec', and 'Milestone'), and 'Amministrazione'. The bottom of the sidebar features the 'A.I. Tech' logo and the tagline 'The Vision of the future. Now.'. The main content area shows a table of messages with columns for 'Messaggio' and 'Data e Ora'. The messages are all status reports indicating that various devices (Mensa14, Aula_H_4, Mensa13, Aula_H_5, Aula_H_2, Aula_M_8, Aula_23, Aula_H_1, Aula_H_5, Mensa11) are disconnected. At the bottom right of the interface are three buttons: 'Segna tutte come già lette', 'Cancella le Notifiche lette', and 'Cancella tutte le Notifiche'.

	Messaggio	Data e Ora
✉	Il dispositivo Mensa14 è stato scollegato	Aprile 25, 2020, 6:11 p.m.
✉	Il dispositivo Aula_H_4 è stato scollegato	Aprile 25, 2020, 6:11 p.m.
✉	Il dispositivo Mensa13 è stato scollegato	Aprile 25, 2020, 6:11 p.m.
✉	Il dispositivo Aula_H_4 è stato scollegato	Aprile 25, 2020, 6:11 p.m.
✉	Il dispositivo Mensa14 è stato scollegato	Aprile 25, 2020, 6:11 p.m.
✉	Il dispositivo Mensa13 è stato scollegato	Aprile 25, 2020, 6:11 p.m.
✉	Il dispositivo Mensa14 è stato scollegato	Aprile 25, 2020, 6:11 p.m.
✉	Il dispositivo Mensa13 è stato scollegato	Aprile 25, 2020, 6:11 p.m.
✉	Il dispositivo Aula_H_4 è stato scollegato	Aprile 25, 2020, 6:11 p.m.
✉	Il dispositivo Aula_23 è stato scollegato	Aprile 25, 2020, 6:10 p.m.
✉	Il dispositivo Aula_H_1 è stato scollegato	Aprile 25, 2020, 6:10 p.m.
✉	Il dispositivo Aula_H_5 è stato scollegato	Aprile 25, 2020, 6:10 p.m.
✉	Il dispositivo Mensa11 è stato scollegato	Aprile 25, 2020, 6:10 p.m.
✉	Il dispositivo Aula_H_2 è stato scollegato	Aprile 25, 2020, 6:10 p.m.
✉	Il dispositivo Aula_M_8 è stato scollegato	Aprile 25, 2020, 6:10 p.m.

Alarms

Forwarding of the alarm to third party VMS (Milestone, Genetec, Wave, NxOptix) or to external systems through standard protocols (FTP, email, HTTP), for example for the automatic management of the opening and closing of a door

AI-DASH-PRO: the available versions

 ENTRY	 BASIC	 PROFESSIONAL	 ENTERPRISE
<ul style="list-style-type: none"><li data-bbox="89 386 586 501"> Multi-Tenant Architecture, with 3 levels of users<li data-bbox="89 529 586 644"> Data storing and exporting through CSV files<li data-bbox="89 672 586 786"> Real time alert in case of a device disconnection<li data-bbox="89 815 586 929"> Visualization of images associated to the events	<ul style="list-style-type: none"><li data-bbox="703 386 1200 501"> Possibility of personalizing the home page<li data-bbox="703 529 1200 644"> Tabular and graphical visualization of the data<li data-bbox="703 672 1200 829"> Tabular and graphical visualization of aggregated sensors and counters<li data-bbox="703 843 1200 958"> Forwarding of the events to third party servers<li data-bbox="703 972 1200 1086"> Exporting of the data in csv/jpeg/pdf	<ul style="list-style-type: none"><li data-bbox="1332 386 1829 501"> Integration with wheatear data<li data-bbox="1332 529 1829 644"> Conversion Rate through the integration with the POS<li data-bbox="1332 672 1829 786"> Comparison (in different time intervals or among different sites)<li data-bbox="1332 815 1829 929"> Heatmap: visualization and comparison<li data-bbox="1332 958 1829 1072"> Management of notes through calendar<li data-bbox="1332 1100 1829 1215"> Integration with Magic Info for Digital Signage	<ul style="list-style-type: none"><li data-bbox="1961 386 2458 501"> Integration with 3rd party systems through open API<li data-bbox="1961 529 2458 644"> Periodic exports in pdf reports<li data-bbox="1961 672 2458 786"> Re-sync mechanism with the plugins on board of the cameras<li data-bbox="1961 815 2458 929"> Managing of devices on the map<li data-bbox="1961 958 2458 1072"> Compatibility with the app for mobile device