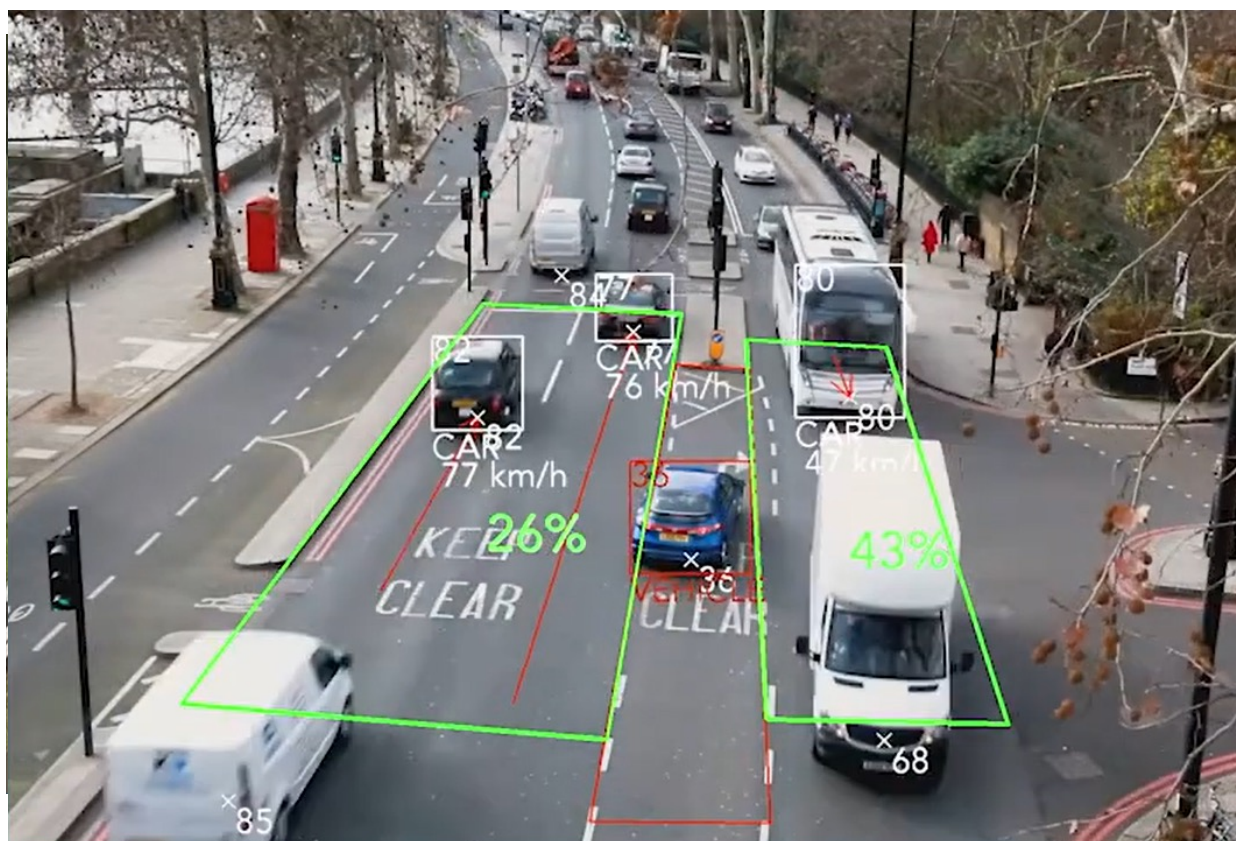# ⚠️ AI-INCIDENT
Automatic Incident Detection (AID)

AI-INCIDENT

AI-INCIDENT is a video analytics application to detect in real-time anomalous and dangerous situations on the road, such as vehicles driving on the wrong side of the road, stationary vehicles, U-turns, lane changes, queue or pedestrians in forbidden zones.

AI-INCIDENT combines an advanced 3D calibration and reconstruction mechanism of the scene with the most advanced artificial vision and artificial intelligence algorithms.

The application uses deep neural network to detect and classify objects achieving high accuracy even in extremely complex scenarios, such as in tunnels or crowded city streets, at night or in severe weather conditions.
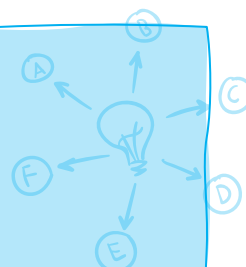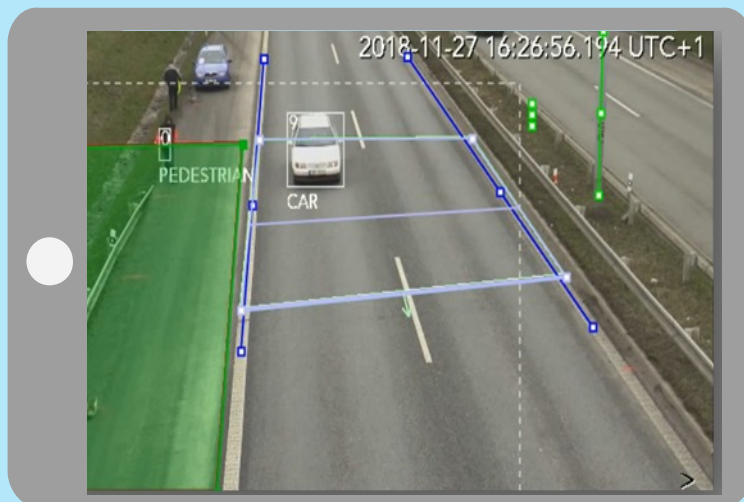
AI-INCIDENT makes it possible to meet the needs of any city that would like to be defined as "smart". It provides the possibility of identifying potentially dangerous situations on the road, such as: queuing, vehicles crossing the wrong way, or the presence of pedestrians on the road.

AI-INCIDENT can also be used to monitor tunnels or motorways.

AI-INCIDENT

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PEDESTRIAN

CAR

ARCHITECTURE
Where can we install the app?

The detailed list of specific compatible platforms can be reached via the link on the right.

Edge   **Embedded**   **Server**

INTEGRATION
Where can we notify the events generated by the app?

Events can be sent to external servers using over 20 different mechanisms, which include third-party VMSs, standard protocols (such as HTTP, FTP, MODBUS and MQTT) and also A.I. Tech proprietary protocols, which allow the notification of events to the dashboards of A.I. Tech. More information via the link on the right.

cartronicgroup