



AI-INCIDENT

Automatic Incident Detection (AID)





AI-INCIDENT is a video analytics app that can detect anomalous situations on the road, such as vehicles driving on the wrong side of the road, stationary vehicles, or pedestrians standing in forbidden zones. It is also able to assess tailbacks in real time.

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 is available in two versions: **AI-INCIDENT** uses the latest deep learning algorithms to classify moving objects (distinguishing vehicles and people); **AI-INCIDENT-DEEP** uses deep neural networks for both object detection and classification, ensuring high accuracy even in extremely complex scenarios, such as in tunnels or crowded city streets, at night or in severe weather conditions.

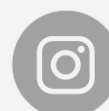


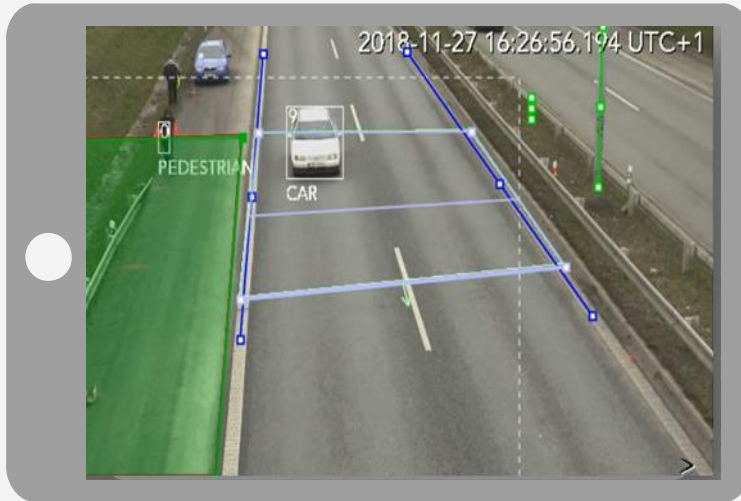
USE CASE

Where can we use AI-INCIDENT?

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.



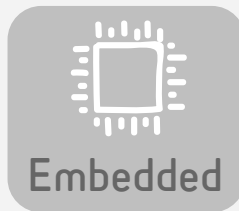


ARCHITECTURE

Where can we install the app?



Edge



Embedded



Server



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

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.

