ai·LPR

LICENSE PLATE DETECTION AND RECOGNITION

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ai·LPR

IT IS THE VIDEO ANALYTICS APPLICATION THAT EMPLOYS AN ADVANCED ARTIFICIAL INTELLIGENCE ALGORITHM TO PERFORM LICENSE PLATE DETECTION AND RECOGNITION. THANKS TO THE INTEGRATION OF AN INNOVATIVE ENGINE BASED ON SEMANTIC TECHNOLOGIES, IT ALSO ENABLES AUTOMATIC CORRECTION OF LICENSE PLATES BASED ON THE SPECIFIC COUNTRY OF ORIGIN*

The solution can detect vehicles at **speeds of up to 230 km/h** (depending on the selected hardware platform) and is designed to operate in both **indoor** and **outdoor** environments, provided that lighting conditions are controlled and the license plate is clearly visible and not obstructed by other vehicles, pillars, lamp posts, dust, or similar elements.

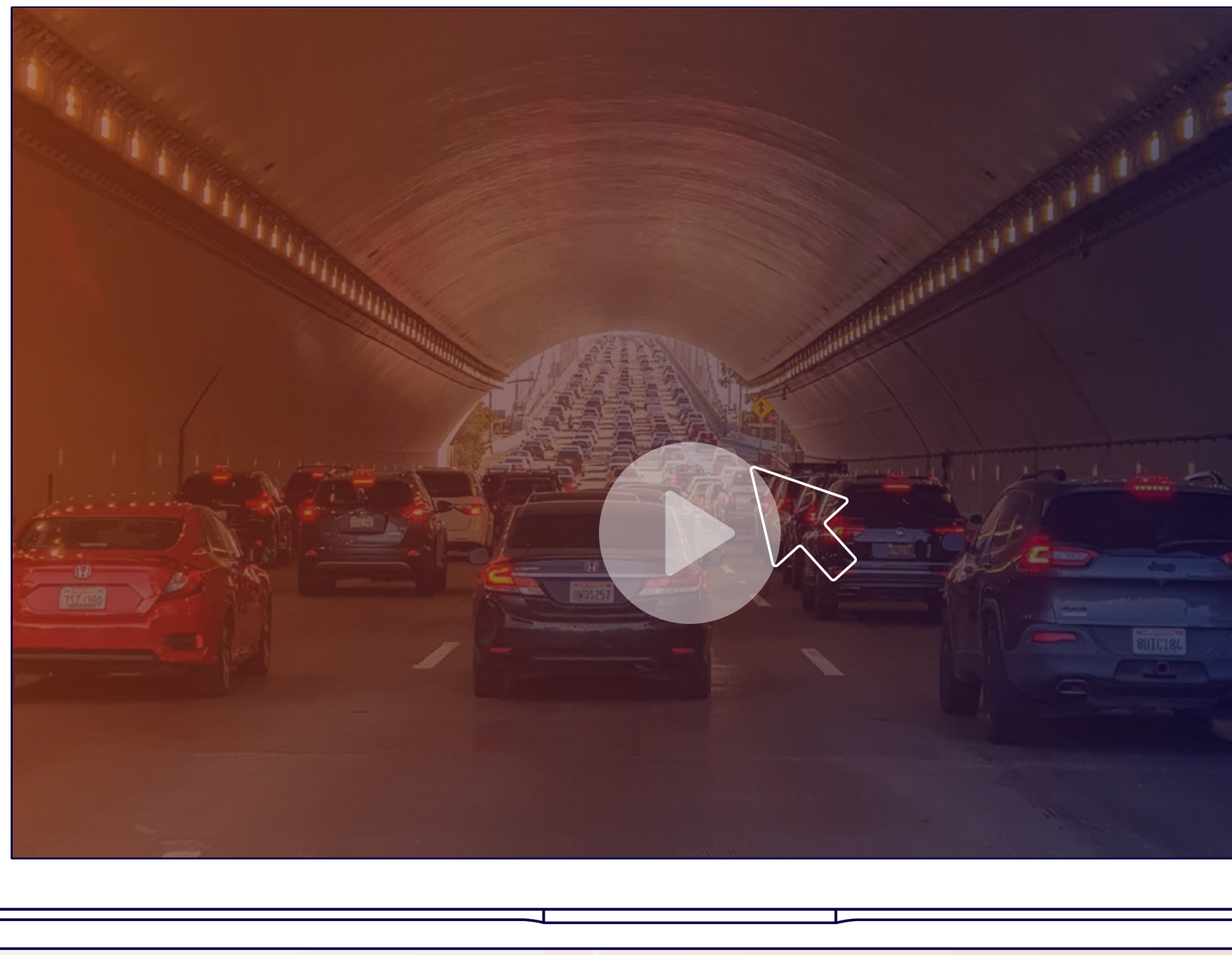
*Countries currently supported by the semantic engine: Italy, France, Spain, Greece.

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ai·LPR is the ideal solution for **parking management**, providing essential support for managing **blacklists and whitelists** (AI-LPR can verify whether a license plate belongs to a list of authorized or unauthorized vehicles), or for associating a license plate with a parking entry ticket.

AI-LPR is also a valuable tool in the **logistics sector**, enabling the detection of vehicle license plates accessing port areas, industrial sites, or waste disposal facilities.

In the **smart city** context, AI-LPR can be used to monitor access to restricted traffic zones (ZTL) or detect vehicles traveling in bus lanes or other dedicated corridors.



CLICK “PLAY” AND SEE THE DEMO

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ARCHITECTURE

WHERE CAN I INSTALL THE APP?

Follow the link below for all compatible platforms

CLICK HERE

INTEGRATION

WHERE CAN WE NOTIFY THE EVENTS GENERATED BY THE APP?

Events can be sent to external servers using over **20 different systems**, 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.

Follow the link for info, CLICK HERE

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