ai·spill

FALL DETECTION

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ai·spill

THE VIDEO ANALYTICS APPLICATION DESIGNED TO DETECT WHEN A PERSON FALLS WITHIN AN UNSUPERVISED AREA. THE SOLUTION COMBINES A POSE VARIATION ANALYSIS MODEL, WHICH IDENTIFIES THE FALL MOVEMENT, WITH A DEEP NEURAL NETWORK FOR OBJECT CLASSIFICATION. THIS ENABLES THE SYSTEM TO DISTINGUISH PEOPLE FROM OTHER OBJECTS PRESENT IN THE SCENE.

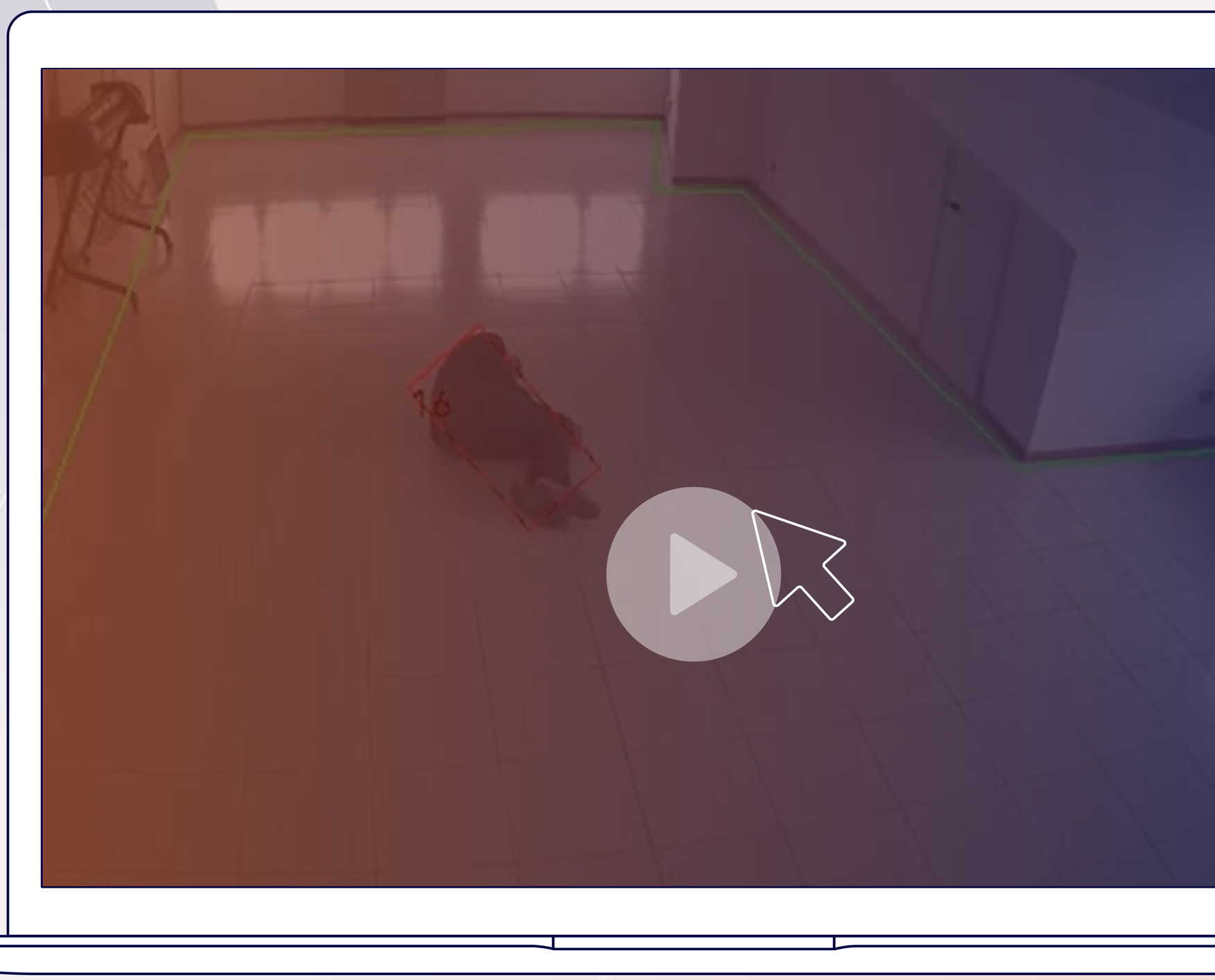
It is the ideal video analytics solution to meet safety requirements in **hospitals, nursing homes, and elderly care facilities** — or more generally, in any environment where it is critical to detect **fallen individuals in real time**, ensuring a prompt response by qualified personnel.

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ai·spill is the perfect solution for **private homes** of elderly individuals living alone, as it allows family members to be alerted in real time in the event of a fall.

Additionally, it can be used in **schools** to detect falls in hallways and other unsupervised areas.

Another relevant application includes **warehouses or cold storage rooms** in large retail facilities, and more generally, all low-traffic areas where personnel may be at risk of not receiving timely assistance in the event of a fall.



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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