



AI-SPILL

Person fall detection





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AI-SPILL is a video analytics app that enables the detection of a person falling within an area of interest. The app combines an advanced mathematical model to analyse pose variations, and therefore falling movement, with the most advanced deep neural networks for object classification, thus allowing people to be distinguished from other objects in the scene.

AI-SPILL places no limits on the number of configurable areas within the framed scene. The app can be reliably used in both indoor and outdoor environments.



AI-SPILL USE CASE



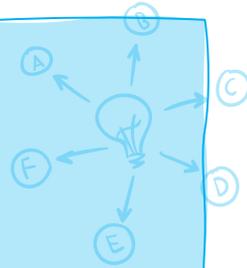
AI-SPILL is the ideal video analytics solution to meet the security needs of hospitals, nursing or retirement homes for the elderly, or more generally in all those applications in which it is essential to detect patients' or guests' falls in real time, in order to guarantee a prompt response from the competent personnel.

AI-SPILL is at the same time the perfect gift for the private homes of the elderly, as it allows family members to be alerted in real time in the event of a fall. **AI-SPILL** can also be used in schools, in order to protect students by detecting falls in corridors and unattended areas.

Other areas of application are warehouses or cold rooms in warehouses, and more generally all those areas where staff rarely enter and therefore, in the event of a fall, the risk of not being able to be quickly rescued by colleagues is very high.



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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.

