



AI-OCCUPANCY

Percentage of occupation and over-occupation of an area



AI-OCCUPANCY is a video analytics application that uses advanced artificial vision algorithms to assess the movement of objects within an area and estimate the relative occupancy rate. **AI-OCCUPANCY** can also generate an alarm as soon as the occupancy rate becomes higher [or lower] than a threshold set by an operator during the setup phase. **AI-OCCUPANCY** can be used both indoors and outdoors. The app sets no limits on the number, shape and position of virtual sensors that can be placed in the scene.

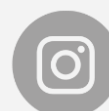
USE CASE

Where can we use AI-OCCUPANCY?



AI-OCCUPANCY is a video analytics solution designed to meet various needs in buildings, museums, shops, shopping centres, airports and parks, but more generally in all those situations where it is essential to know the density of crowding, and therefore the percentage of occupation of the area you wish to monitor. As there are no particular installation constraints, **AI-OCCUPANCY** can be used both in new generation systems and in combination with systems for surveillance purposes already installed.

Indeed, **AI-OCCUPANCY** is a key tool for detecting queues at supermarket checkouts or airport gates, or for blocking access to overcrowded museum or shop areas.



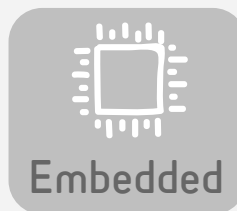


ARCHITECTURE

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.

