

## AI-CROWD-COUNTING

Estimation of the number of people in highly crowded situations

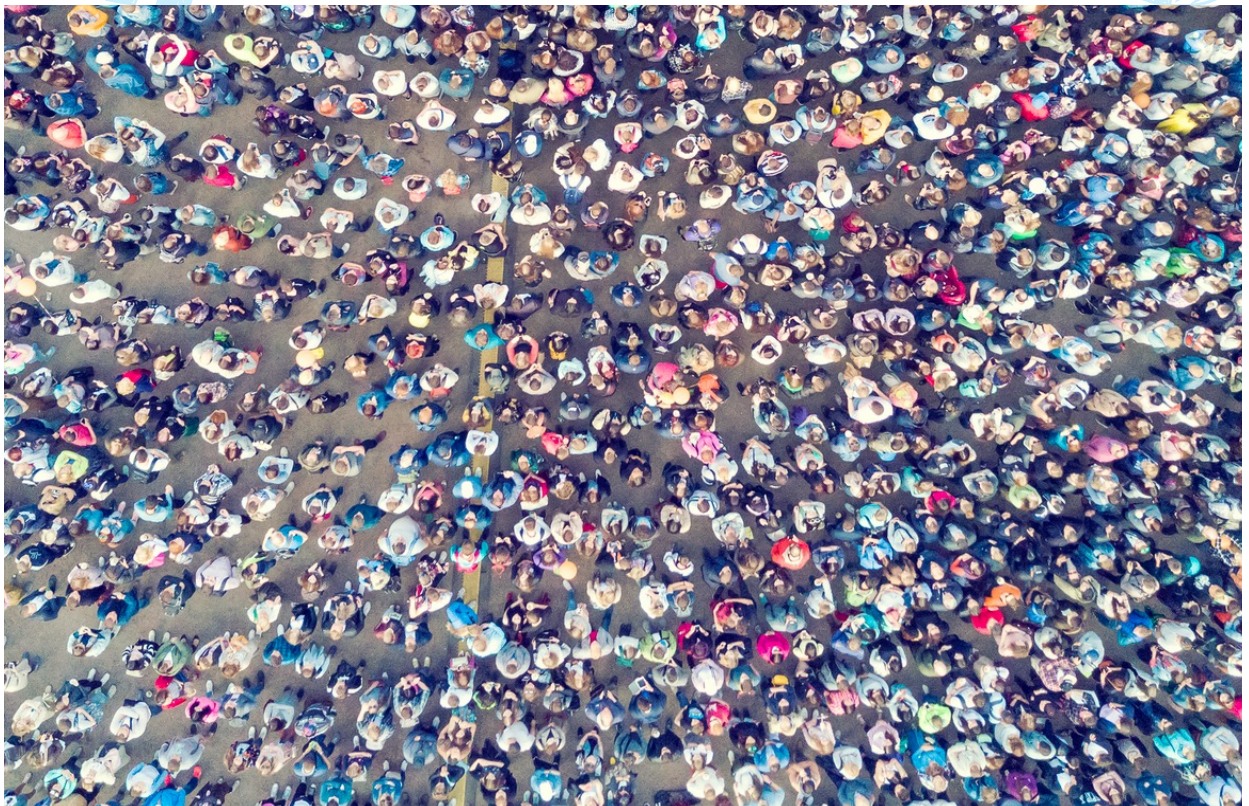


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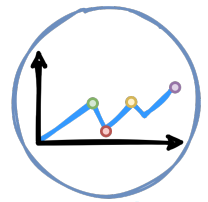
**AI-CROWD-COUNTING** is a video analytics application based on cutting-edge artificial intelligence technologies to accurately estimate the number of people in highly crowded contexts. This solution can operate effectively even in situations with thousands or even tens of thousands of people.

**AI-CROWD-COUNTING** completes the features in **AI-CROWD-DEEP** by providing an additional tool for managing high crowding situations. Furthermore, it can be integrated with **AI-DASH** to store and analyze historical and aggregate information.

**AI-CROWD-COUNTING** can send overcrowding alarms to third-party systems using standard network protocols and to over 10 Video Management Systems.



# AI-CROWD-COUNTING USE CASE



**AI-CROWD-COUNTING** can be applied to a large number of field, with a particular focus to smart cities. For example, the application can be used for monitoring squares and streets during public events and demonstrations, ensuring effective crowd control and public safety.

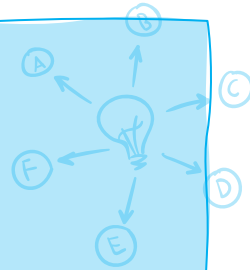
Furthermore, **AI-CROWD-COUNTING** can be used for monitoring stadiums or large arenas during concerts and shows, offering a valuable tool for managing audience dynamics and optimizing event logistics.

In the retail field the solution can be used to to estimate the number of people in stores or malls, even in very crowded situations such as on sales days, special promotions or the opening of new sales points.

Finally, the app can be successfully used in the transportation sector in airports or stations, for monitoring passenger flows.



# AI-CROWD-COUNTING



## ARCHITECTURE

Where can we install the app?

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



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.

