

SAFE EYE

Ensuring people's safety
and protecting the community
with AI and video analysis

WHAT IS IT?

Safe Eye is our AI based, Video & Picture analysis solution to monitor that social distancing measures are maintained by people in public places. It can help people to respect safety distances and institutions to protect public health.

WHAT DOES IT DO?

It provides an end-to-end video and image-based, real time, 24 x 7, analysis of people and objects to recognize / detect / highlight potentially harmful behavior in public places.

WHERE DO WE APPLY IT?



TRANSPORTATION

- Queues in and outside underground sites
- Platforms
- Stations
- Busses / wagons



RETAIL / BANKING / SHOPS / OFFICES

- Queues in and outside entrances
- On shopping floors / premises / offices

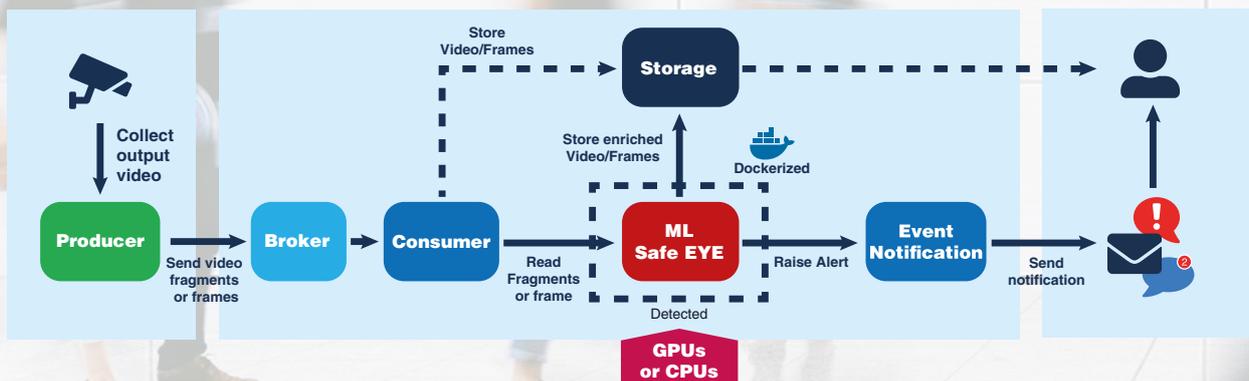


OUTDOORS

- Sitting / Green areas
- Paths
- Sport centers

HOW DOES IT WORK?

Safe Eye leverages AI & Advanced Analytics technology to examine and monitor widely available data (images / video streams) coming from video surveillance systems already in place and analyzes people in real time in order to detect potentially dangerous and critical situations.



MAIN BENEFITS



Counting people within a limited area to highlight potentially dangerous situations



Proximity detection, by calculating the distance among people within an area and sending alerts if social distancing measures are not met



Crowd alerting by measuring the density of population within an area (the camera's shot), and by counting people while calculating the size of the area under observation



Monitoring individual protection devices (DPI) of people recorded by cameras, checking whether these are correctly used

FURTHER CONSIDERATIONS



GDPR COMPLIANCY

No specific personal information is ever extracted (face recognition, video identification, etc.) as the solution recognizes situations and not specific people. Obviously, if needed and where allowed, according to GDPR laws, all the video and detected information can be stored and used as permitted by law.



COLLECT DATA AND FORECASTING SITUATIONS

If needed, the stream and/or the pictures together with the events can be stored to further analyze them by applying predictive models, in order to forecast the patterns that lead to crowding or, more basically, to get better refinements on the recognition.



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