

AI powered



PEOPLE PROTECTION



Asc27 S.r.l.

A StartUp that is innovative by vocation. Innovative from its Foundation, in its Foundations.

With its operational headquarters and Development Team in Rome (IT), ASC27 s.r.l. has a SW Development Team, a Data Scientist and an Annotator dedicated to the branch of software known as Artificial Intelligence. Dealing with Deep Learning, Machine Learning, One Shot Prediction and Long Term Forecasting, ASC27 s.r.l. has gained experience and produced components of Patent Pending software in the areas of Cognitive Intelligence and Media Analytics.

In each project it faces, the ASC27 Development Team brings at least 100 years of operational experience. << We create KNOWLEDGE >>. ASC27.



PEOPLE PROTECTION

SAFEPEOPLE is an Artificial Intelligence software that protects the most important thing - People. Using Deep-Learning algorithms, the software allows you to monitor large camera-covered areas, so to act in the interest of social distancing rules and on the adoption of personal security tools.

SAFEPEOPLE activates both Real-Time and Forecasting operations, respectively by offering 30-minute and 24-hour Prediction tools to assist with management of resources for the prevention of gatherings.

1



REALTIME

Know gatherings in real-time as they are forming.

2



SHORT FORECAST

Know in the next hours where a gathering may be formed

3



LONG FORECAST

Know in the next 24 hours where a gathering may be formed.

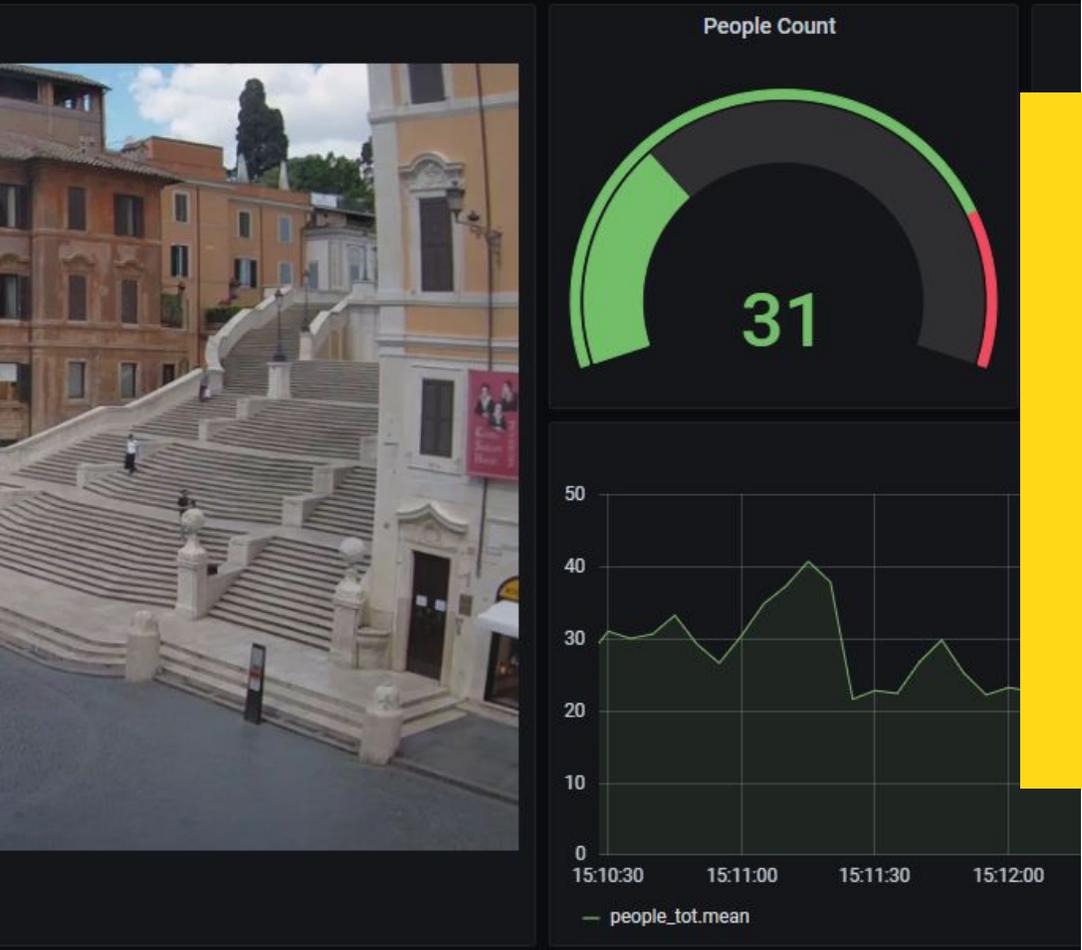
4



FACEMASK

Receive an alert if a person without a facemask will be detected





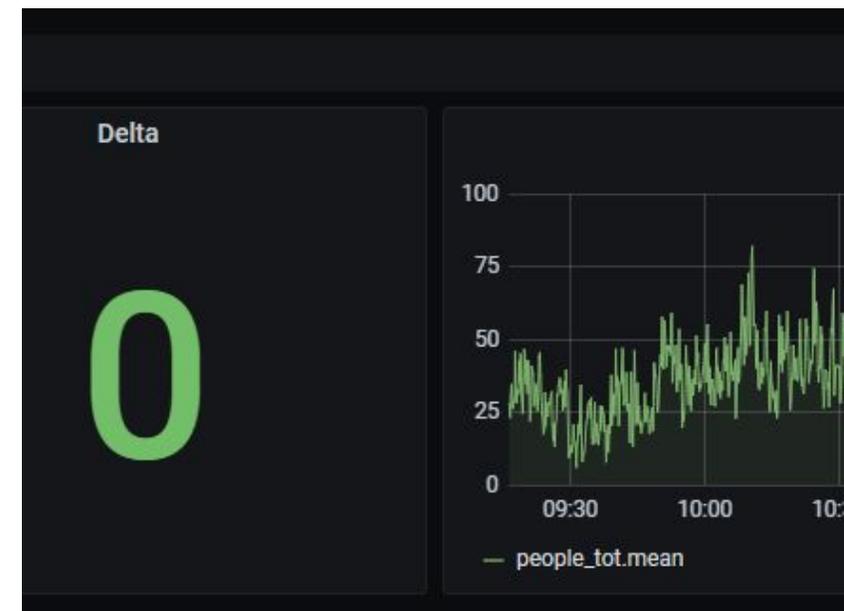
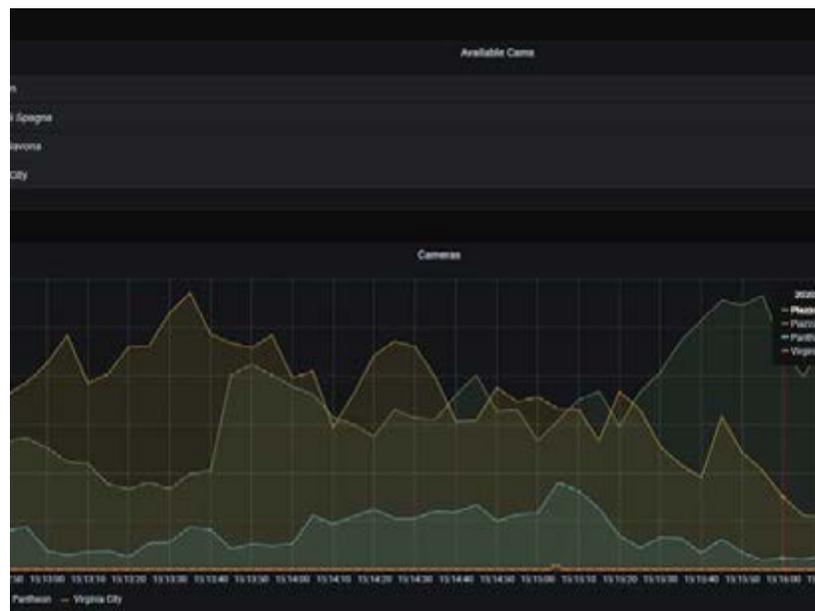
“ Protect the most important Asset, People ”

Cit.: An Artificial Intelligence

38%

GALLERY

SAFEPEOPLE OVERVIEW



An Artificial Intelligence that watches over our spaces; whether open or close. **SAFEPEOPLE** identifies people gatherings and allows the coordination of resources designated to social distancing enforcement. It is not possible to control every corner, but, thanks to **SAFEPEOPLE**, it becomes possible to bring together all resources WHEN and WHERE they are needed, by using existing cameras infrastructure.

USE YOUR CAMERAS

No need for dedicated cameras

SAFEPEOPLE connects to the pre-existing cameras infrastructure, it does not require dedicated ones. Whether ten or a hundred, whether dedicated to the monitoring of open or closed spaces, **SAFEPEOPLE** observes the environments through your cameras, collects statistical information, raises real-time alerts and formulates forecasts for hours and days to come of possible people and crowds gatherings.

FACE MASK DETECTION

SAFEPEOPLE is equipped with specific training to recognize unmasked individuals. If required, or suggested, the system is able to monitor for those who are not wearing masks, and alert the designated resources to enforce individual protection systems.

SETUP IN NO-TIME

SAFEPEOPLE is quick and easy to install, requiring no tuning or additional configuration. It is sufficient to point **SAFEPEOPLE** on the cameras' addresses to be monitored, and the system immediately starts operating - both in Cloud and On-Premises mode.





BEFORE

CURRENTLY MONITORED AREAS



POTENTIAL ASSEMBLY AREAS



SAFE
PEOPLE

SAFEPEOPLE COVERAGE



PEOPLE PROTECTION





PRIVACY PROOF

SAFEPEOPLE DOES NOT STORE SENSITIVE DATA

SAFEPEOPLE processes each individual frame arriving from connected cameras. To operate, it does not store images, faces or any other personal information. **SAFEPEOPLE** only stores the anonymous counters and statistics which have been collected by its Artificial Intelligence.

GDPR and PRIVACY COMPLIANT

By not storing any personal information or image, **SAFEPEOPLE** does not require any particular authorizations to be operated, so it does also not require any specific training for the operators involved in its utilization.

SECURED

By not retaining any confidential or personal data, **SAFEPEOPLE** is not susceptible to attacks on its own collected data. The information kept on the system is purely statistical.



Control

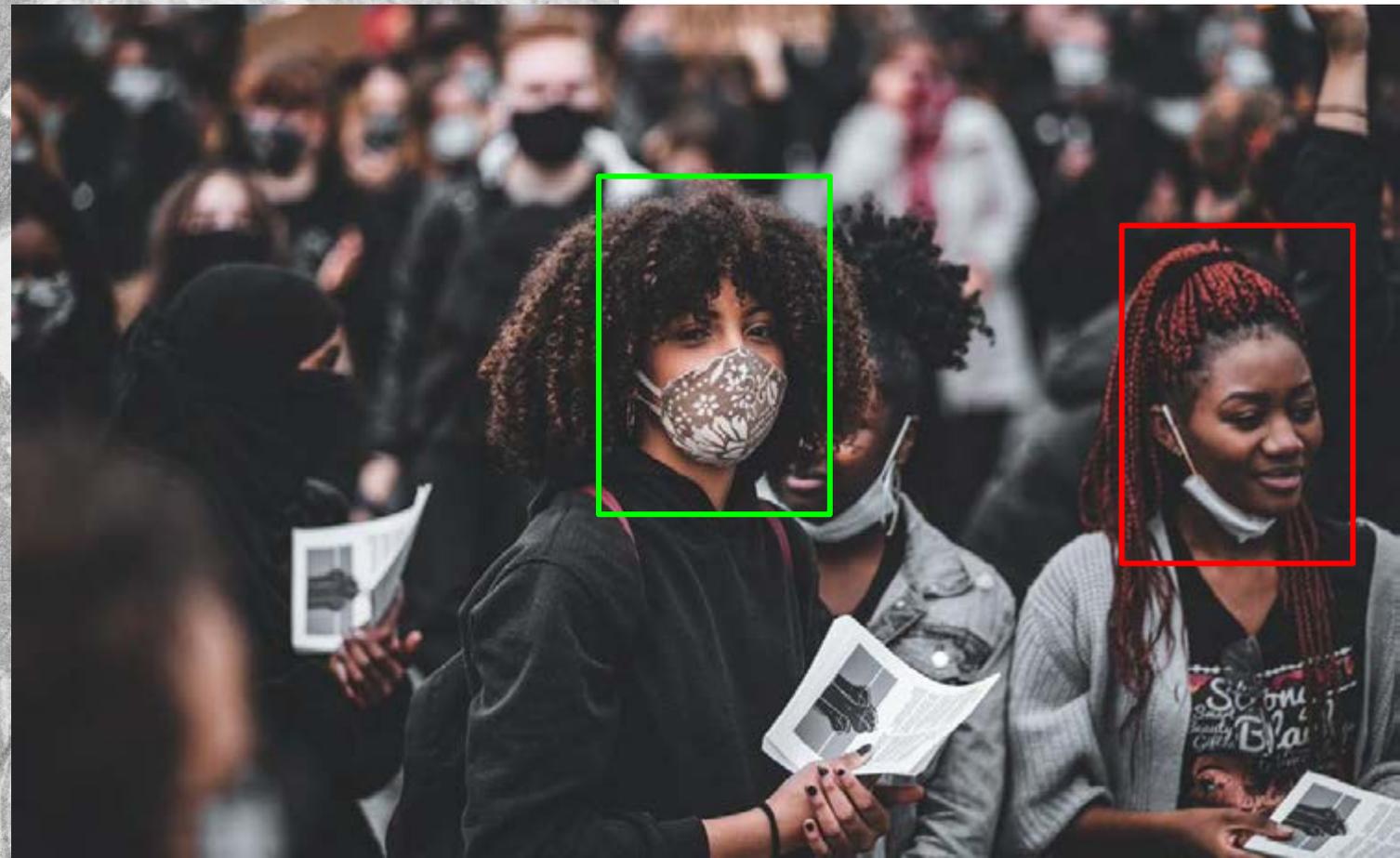
KNOW **WHAT** HAPPENS
KNOW **WHERE** IT HAPPENS

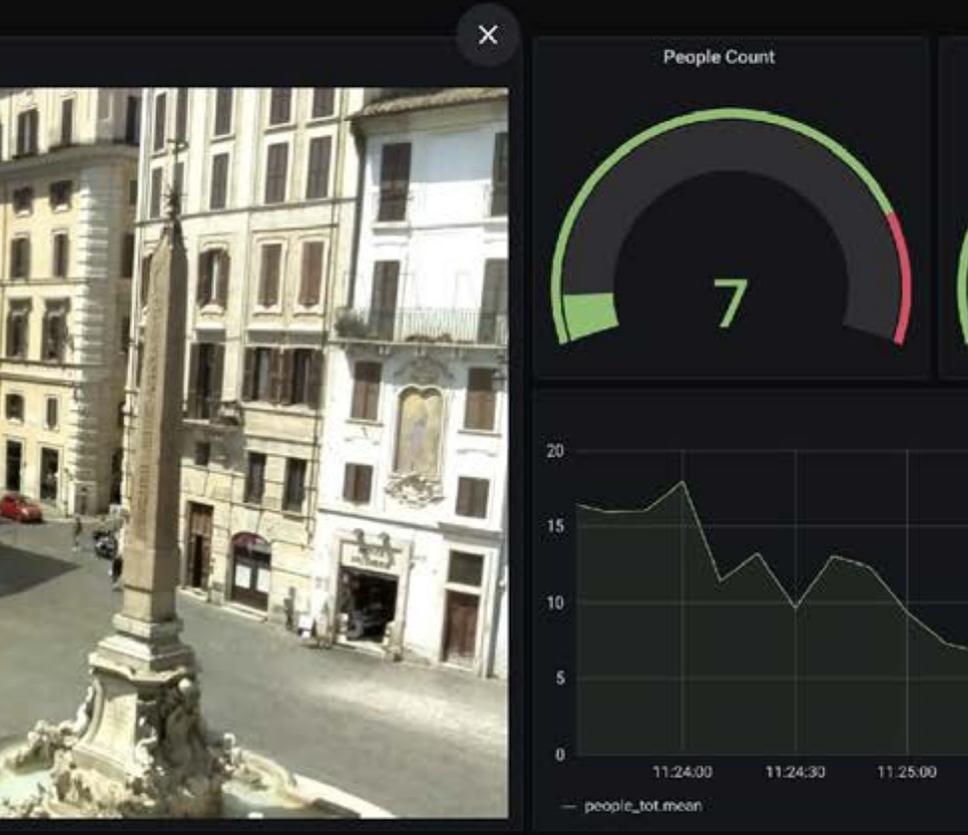
Optimization. Situate resources at their best, both for large outdoor spaces and for indoor commercial or industrial activities.



a People-oriented
security system

Knowing
understanding





Average Density History

21%

FEATURES

What's in SAFEPEOPLE



USE OF EXISTING CAMERAS

No requirement of dedicated cameras.
Use of already in-place cameras .



PLAN OF UTILIZATION RESOURCES

Forecasts and Real-Time alerts about possible crowd formations in the monitored areas.



PRIVACY PROOF

No retaining of confidential or personal information. Storage of just statistical numeric information, only for training purposes.



SITUATIONAL ANALYSIS

Creation of pictures about the current situation, which enables the analysis of previously taken decisions, to enforce the social distancing in the monitored areas.

RESOURCE MANAGEMENT



AUTONOMOUS LEARNING

SAFEPEOPLE learns from the data and information that its AI extracts from provided images. After just a week of exercise, its forecasts for gatherings is already able to take into account the places and time bands it observed.



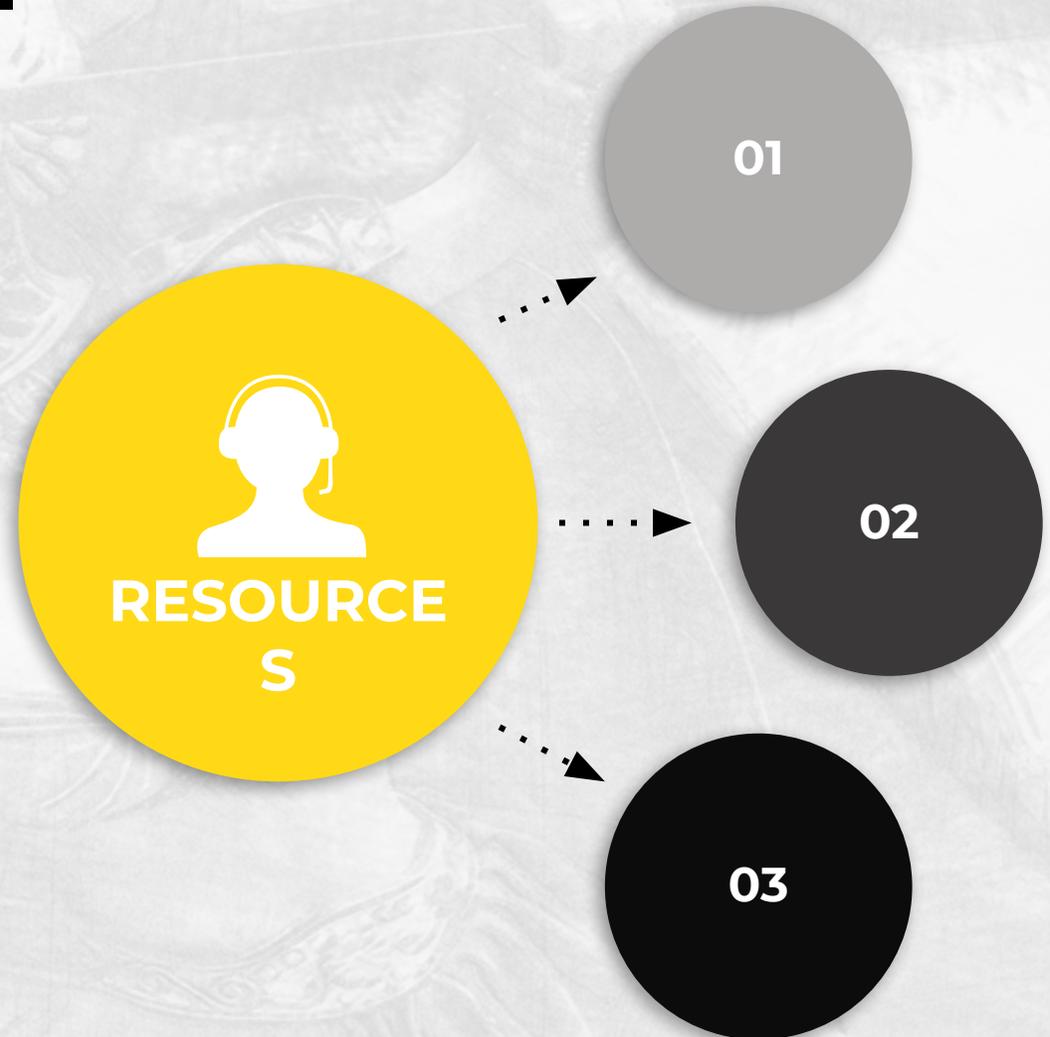
TIMELY ALERTING

Upon the occurrence of situations that indicate a forthcoming assembly, **SAFEPEOPLE** alerts operators according to the designated methods (email, sms, etc).



MEASURE

It allows you to **measure** over time the effectiveness of the measures and actions taken to control the formation of gatherings, both in open and closed spaces.



INSTALLATION - OPTIONS

SAFEPEOPLE is operational in minutes and is available in different options.

SMALL - WORKSTATION

Up to 20 channels, a single Workstation based on DELL Precision 5820 + Nvidia RTX 2080 TI Board



MEDIUM - SERVER

Up to 50 channels, a single server based on DELL PowerEdge C4140 + Nvidia V100. Board



LARGE - SERVER

Up to 150 channels, a single server based on DELL PowerEdge C4140 + 4 x Scheda Nvidia V100

CLOUD

Scalable and performing as needed, available on Amazon and Google Cloud.

PARTNER WITH





“

To Know:

Know what happens, even when you are not watching.”



SITUATIONAL AWARENESS

SAFEPEOPLE allows you to monitor open or closed places, in order to ensure the safety of people, whether they are workers, visitors, customers or just passers-by. **SAFEPEOPLE** protects people by monitoring social distancing and providing alarms on individuals whom are not wearing masks where prescribed.

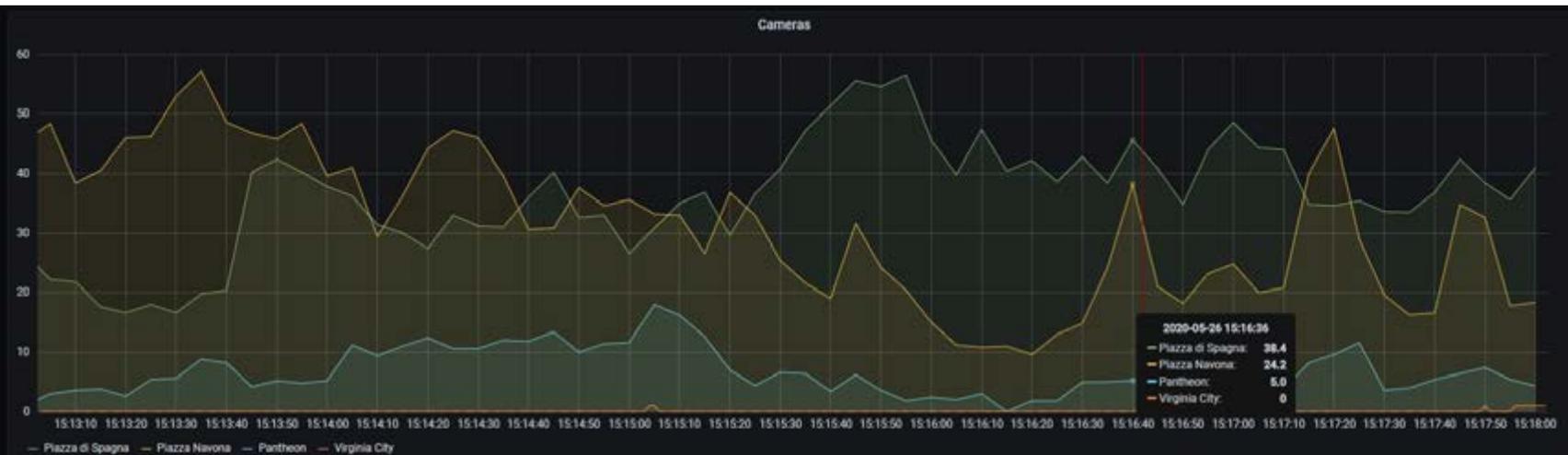


NOW ON AND FORECAST

SAFEPEOPLE allows to rationalize available resources and to better manage their utilization. It is an Artificial Intelligence at personal and public safety's service. It learns capacity and uses it to alert thresholds of monitored spaces. It provides preventive reports on possible gatherings formation.

“To Win:

Measure results
and predict the
next moves.”

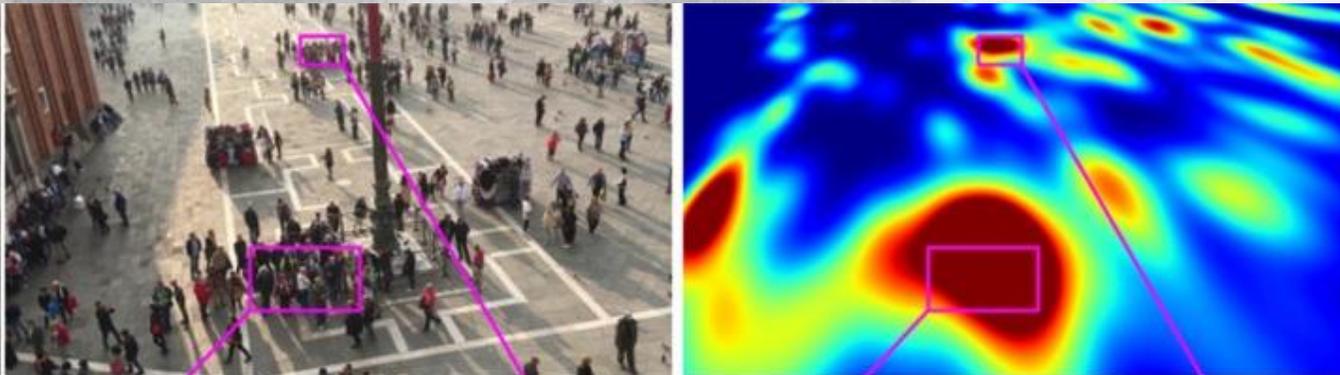


ASK FOR A LIVE DEMO

Are you interested? **SAFEPEOPLE** is available for DEMO. Request a LIVE demonstration on public cameras, constantly monitored by **SAFEPEOPLE** to train its own Artificial Intelligence.

We will show you **SAFEPEOPLE** in action.

EXPLORE



ASC27

A detailed pencil sketch of a gladiator in a helmet and armor, holding a spear, serves as the background for the top half of the page. The drawing is rendered in shades of gray with fine lines and cross-hatching for shading.

THANK YOU



ASC27

WEBSITE:

www.asc27.com