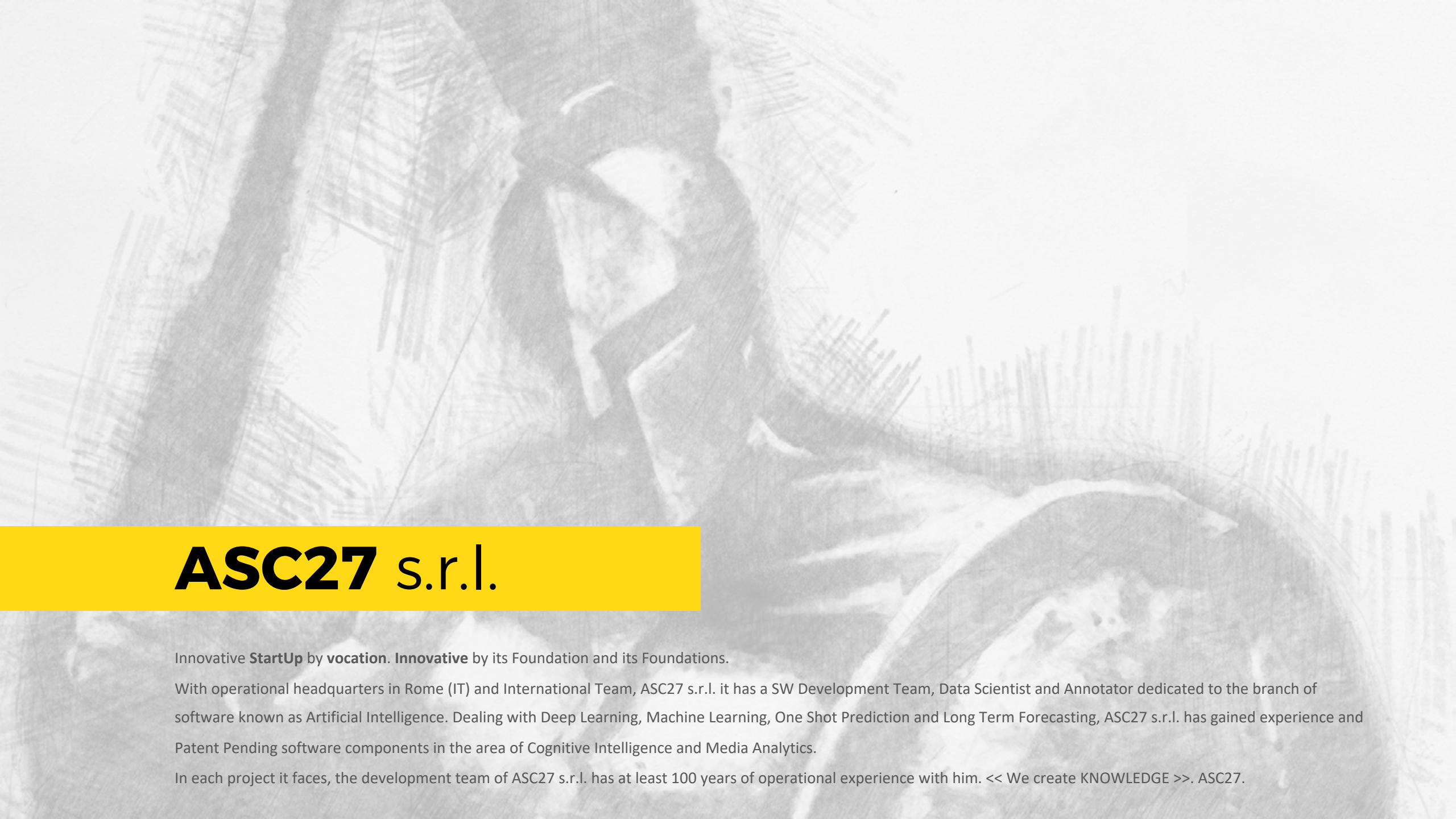
AI Powered

SAFE PEOPLE

WORKPLACE SAFETY EDITION

PEOPLE PROTECTION

Rev 1.0 - ENG



ASC27 s.r.l.

Innovative **StartUp** by **vocation**. **Innovative** by its Foundation and its Foundations.

With operational headquarters in Rome (IT) and International Team, ASC27 s.r.l. it has a SW Development Team, Data Scientist and 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 Patent Pending software components in the area of Cognitive Intelligence and Media Analytics.

In each project it faces, the development team of ASC27 s.r.l. has at least 100 years of operational experience with him. << We create KNOWLEDGE >>. ASC27.

SAFE PEOPLE
WORKPLACE SAFETY EDITION

PEOPLE PROTECTION

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

SAFEPEOPLE activates both in RealTime operations by providing for the presence of gatherings in the images, and in Forecasting operations by offering 30-minute and 24-hour Prediction tools that can assist the management of resources for the prevention of gatherings.

1

REALTIME

Know gatherings in real-time as them are forming.

2

SHORT FORECAST

Know in the next hours where a gatherings may be formed

3

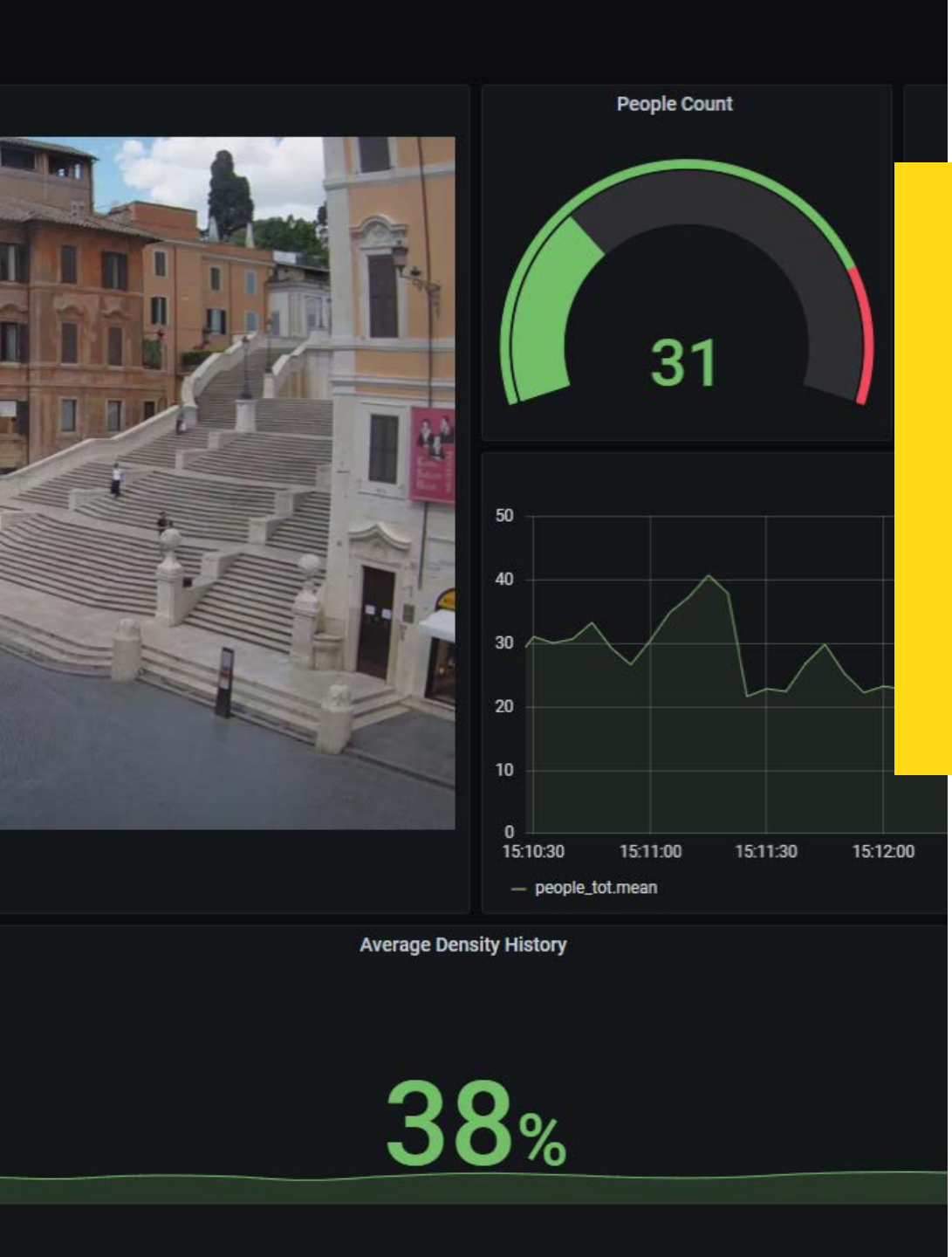
LONG FORECAST

Know in the next 24 hours where gatherings may be formed.

4

FACEMASK

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



“SAFEPEOPLE. Protect the most important Asset, the People”

Cit.: An Artificial Intelligence

GALLERY

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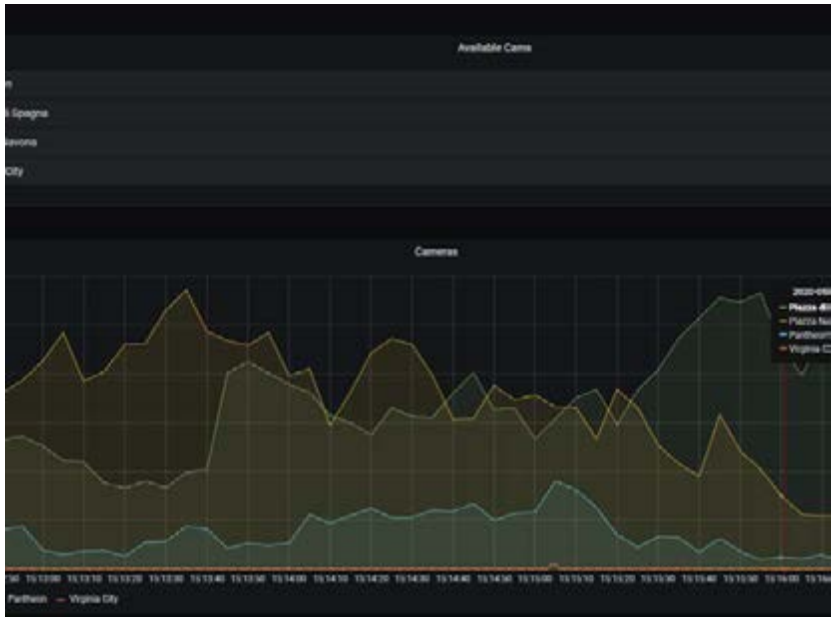
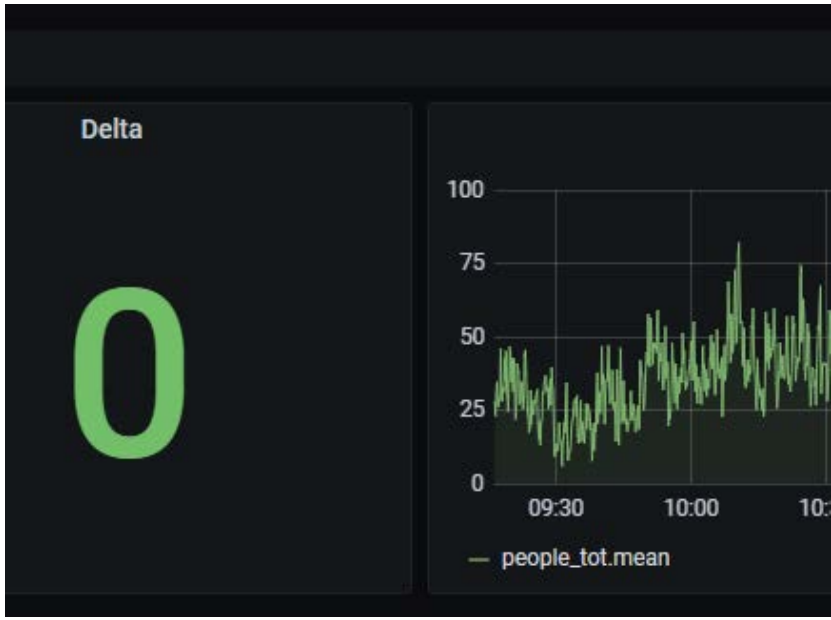
SCREENSHOT APP

SAFEPEOPLE OVERVIEW





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

USE YOURS CAMERAS

Do not need dedicated cameras

SAFEPEOPLE connects to the pre-existing cameras infrastructure, does not require dedicated cameras. Whether 10 or 1000, dedicated to the monitoring of open or closed spaces, SAFEPOPLE observes the environments through your cameras, collects statistical information, raises real-time alerts and formulates forecasts for the hours and and days to come on possible gatherings of people and crowds.

FACEMASK DETECTION

SAFEPEOPLE is equipped with a specific training for the recognition of people without a mask. If required, or suggested, the system can monitor if there are individuals who do not wear them and alert the resources designated to the enforcement of individual protection systems.

SETUP IN NO-TIME

SAFEPEOPLE installs quickly and easily, requires no tuning or additional configuration. It is sufficient to point SAFEPEOPLE on the address of the cameras to be monitored and the system immediately starts operating, both in Cloud and On-Premises mode.

PRIMA

CURRENTLY MONITORED AREAS

15%

POTENTIAL ASSEMBLY AREAS

85%

SAFEPEOPLE

SAFEPEOPLE COVERAGE

99%

PEOPLE PROTECTION

100 %

PRIVACY PROOF

SAFEPEOPLE DO NOT STORE SENSIBLE DATA

SAFEPEOPLE processes the individual frames arriving from the cameras to which it is connected. For its operations it does not store images, faces or other personal information. SAFEPEOPLE stores only anonymous counters and statistics collected by its Artificial Intelligence.

GDPR and PRIVACY COMPLIANT

By not storing any personal information or image, SAFEPEOPLE does not require particular authorizations to be operating and does not require specific training for the operators involved in its utilization.

SECURED

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

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Control

KNOW **WHAT** HAPPENS

KNOW **WHERE** IT HAPPENS

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

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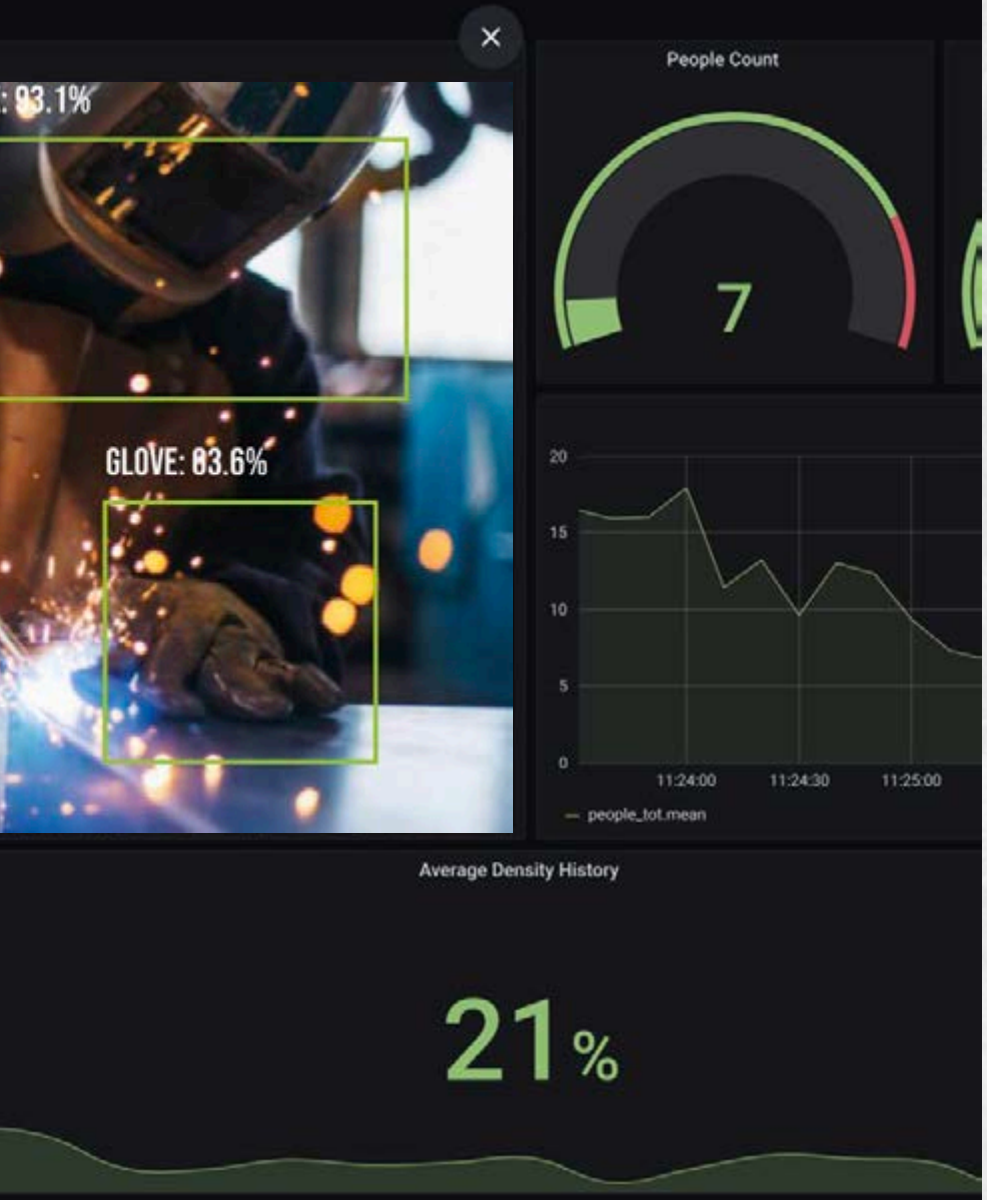
A people-oriented security system

La conoscenza dei fenomeni è la prima arma di difesa di qualunque sistema di intervento.

Knowing
understanding



FEATURES

What's in SAFEPEOPLE

USE EXISTING CAMERAS

Does not need dedicated cameras. Can use the cameras that are already in place.

PLAN THE RESOURCE UTILIZATION

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

PRIVACY PROOF

Do not retain confidential or personal information. Store only statistical numeric information for its training purposes.

SITUATIONAL ANALYSIS

Creates picture about the current situation and enable the analysis of previously taken decision to enforce the social distancing in the monitored areas.

MANAGE

AUTONUMOUS LEARNING

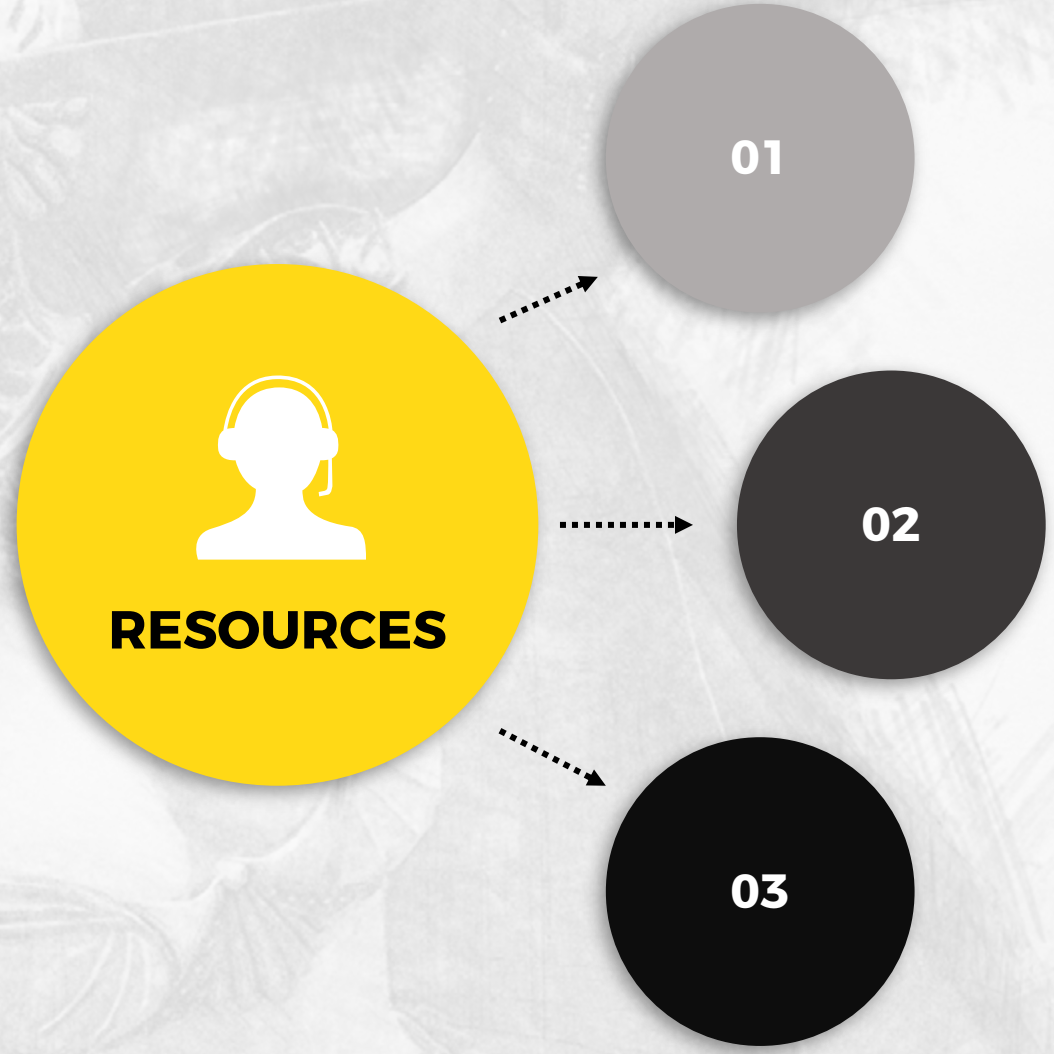
SAFEPEOPLE **learns** from the data and information that its AI extracts from the images that are provided to it. After just a week of exercise, its forecasts for gatherings take into account the places and time bands observed in the past.

TIMELY ALERTING

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

MEASURE

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



INSTALLATION - OPTIONS

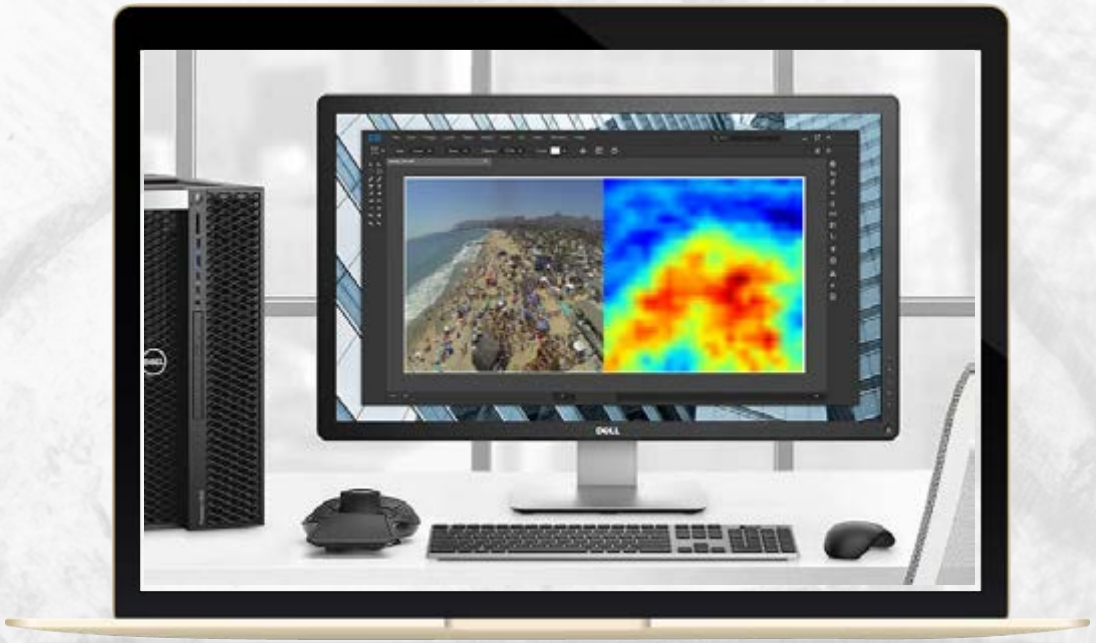
SAFEPEOPLE is operational in minutes and is available in different ways

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 R740 + Nvidia V100**. **Board**



LARGE - SERVER

Up to **150** canali, a single server based on DELL **PowerEdge R740 + 4 x Scheda Nvidia V100**

CLOUD

Scalability and performances as needed, available on **Amazon and Google Cloud.**

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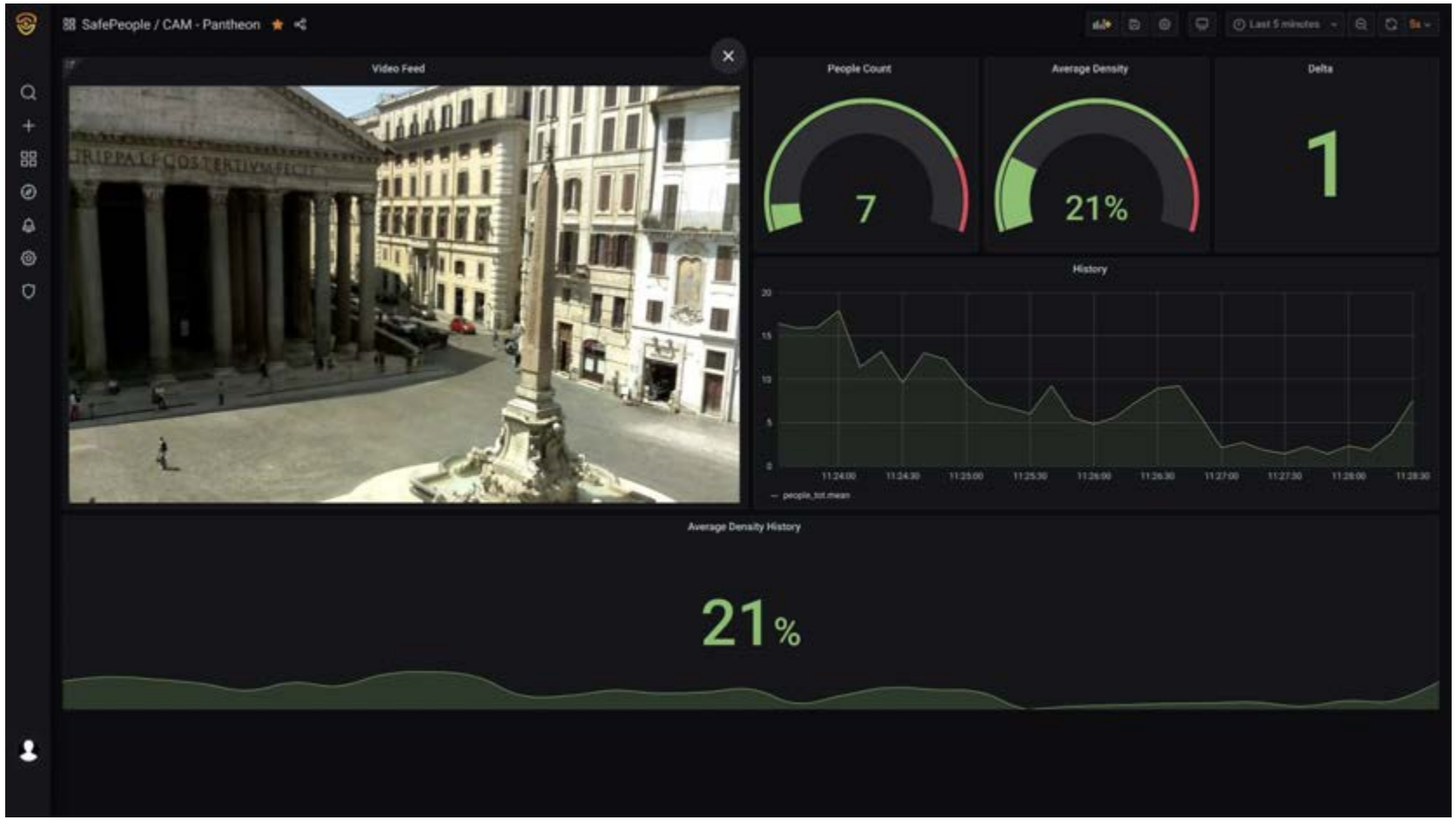
“To Know:

Know what happens, even when you are not wathing”

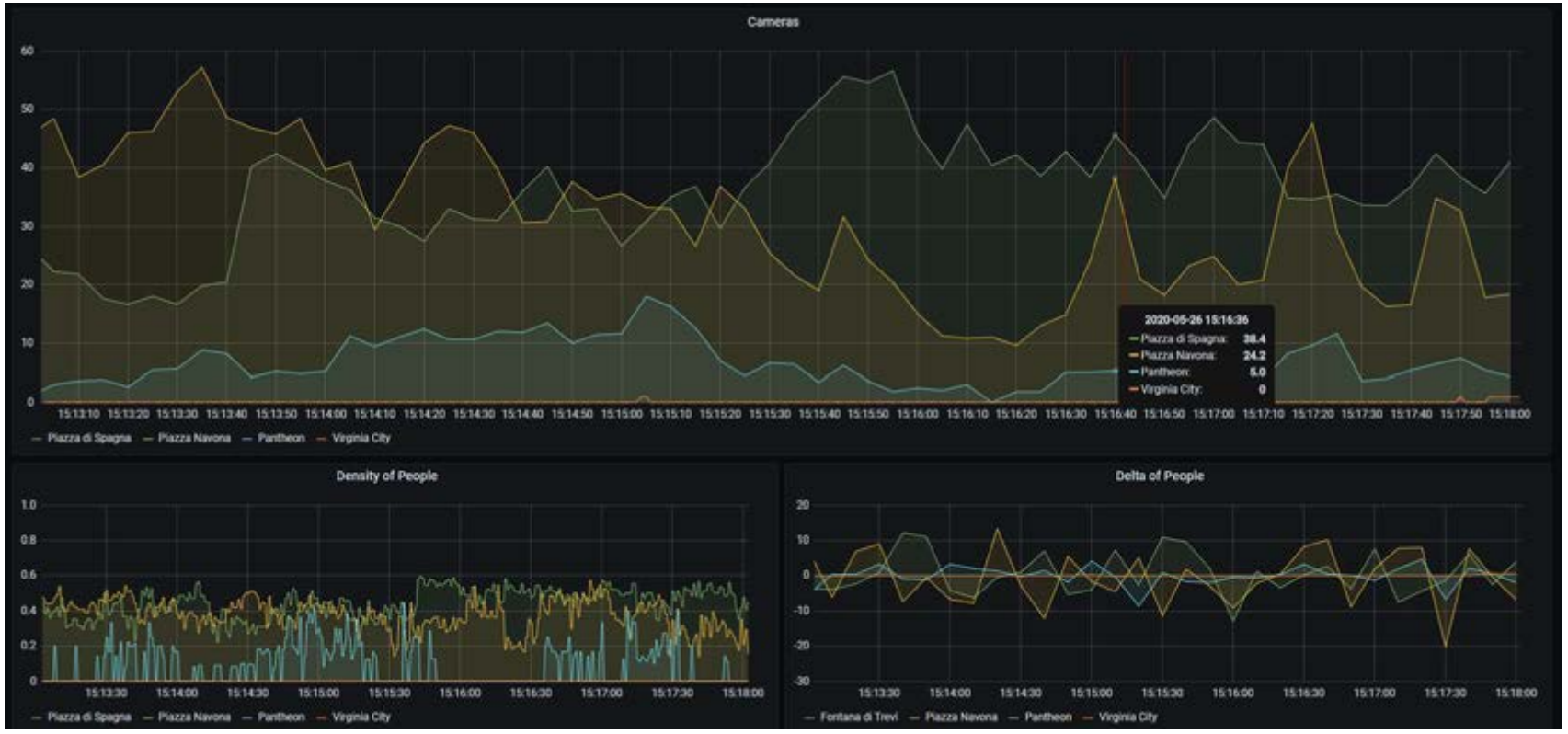


SITUATIONAL AWERENESS

SAFEPEOPLE allows you to monitor open spaces 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 who do not wear masks where prescribed.

NOW ON AND FORECAST

SAFEPEOPLE allows to **rationalize the available resources** and to better manage their utilization. An Artificial Intelligence at the service of **personal and public safety**. Learns the capacity, use and alert thresholds of the monitored spaces. It provides **preventive reports** on the possibility of formation of gatherings.



“To Win:

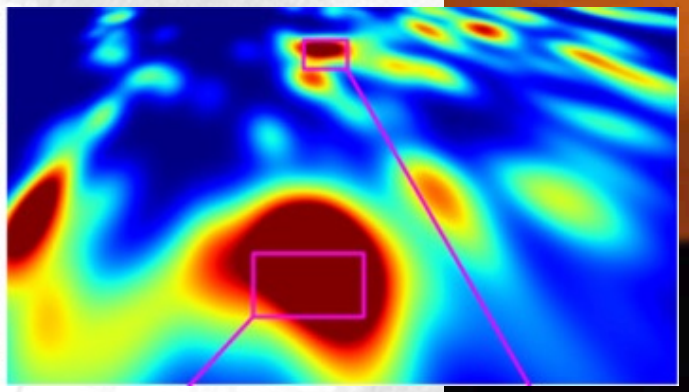
Measure the results and predict the next moves.”

ASK FOR A LIVE DEMO

Are you interested? SAFEPEOPLE is available for DEMO. Request a LIVE demonstration on public cameras constantly monitored by SAFEPEOPLE for the purpose of Training its own Artificial Intelligence.

We will show you SAFEPEOPLE in action.

https://www.asc27.com/safe_people.html



THANK YOU

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