Intellitronika

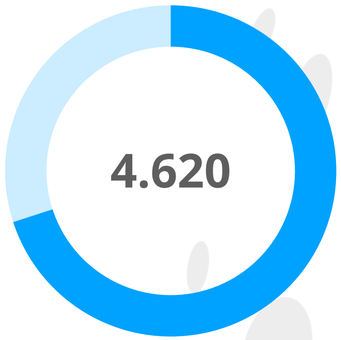
MEANINGFUL INNOVATION

O.d.i.n.o

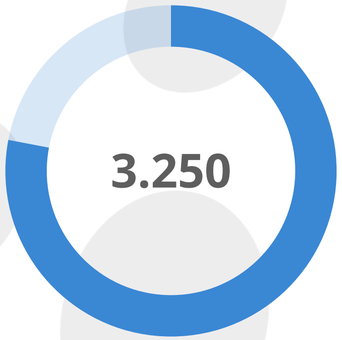
OPERATIONAL DEVICE FOR INFORMATION, NETWORKING AND OBSERVATION

Thanks to its features and the great versatility the platform is today a formidable support for operators who deal with control of the territory. There are currently over 7.000 device installed on board of the Carabinieri vehicles.

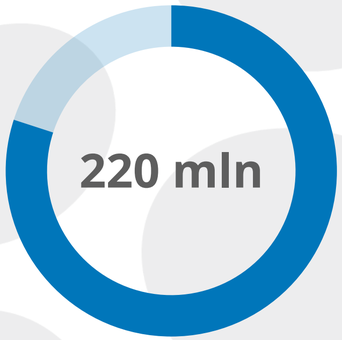
Multi databases access national international



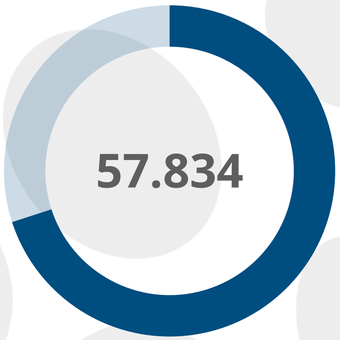
Alarm + live streaming



Pictures + videos



Geo localization



Realtime encrypted messaging

The suite of applications, which constitute the platform ODINO have been developed on various devices based on Knox Samsung platform in order to make the system safe and impenetrable.

The platform O.D.I.N.O. can be installed on devices of various sizes 4,5”-5”-7”-8”-10” depending on operational requirements

4,5”

5”

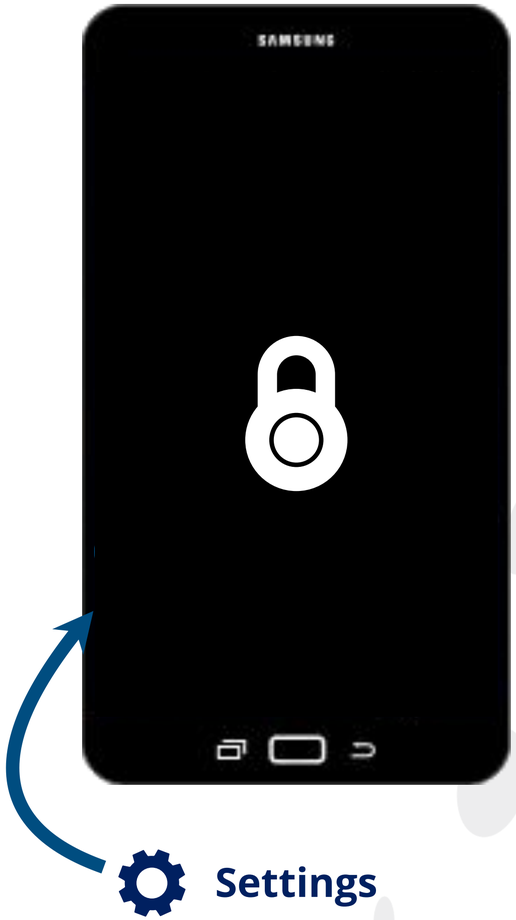
7”

8”

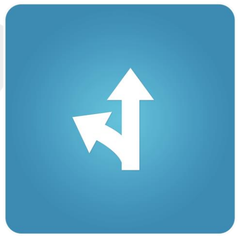
10”

FEATURES

DEVICE RECOGNITION AND SAFETY

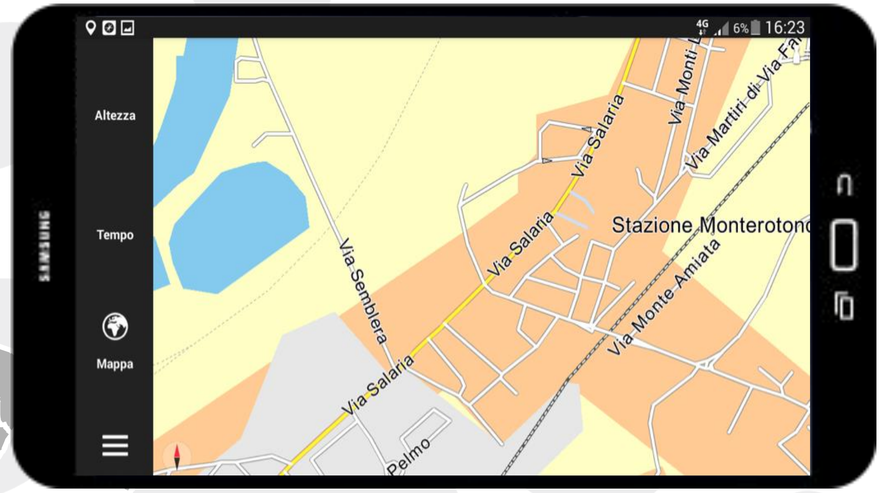


The icon "settings" allows to configure the device and lock it depending on the choices of the system administrator.



LOCALIZATION AND NAVIGATOR

Full map navigation software with routing engine and dynamic update.
3D navigation, user interface, P.O.I., customizable.
National maps installed on the device.



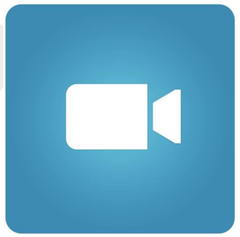
The devices are located using the integrated GPS, sending the position to the server.

MESSAGES

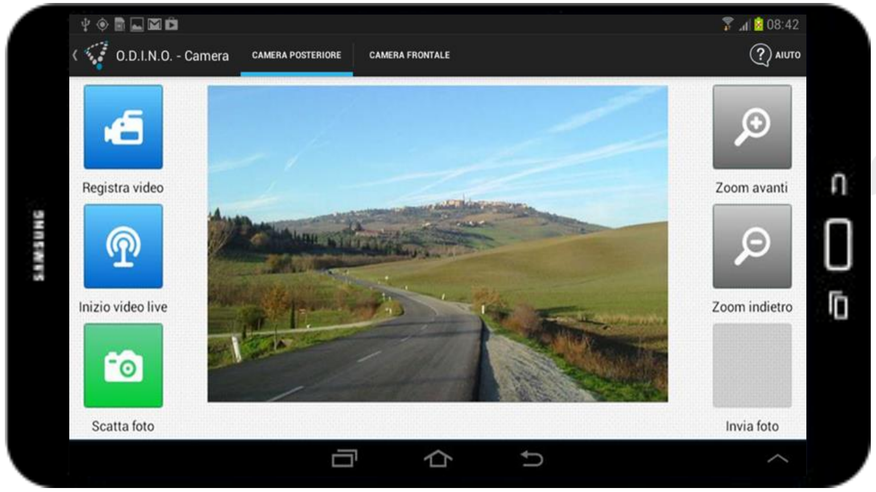
from Control Room
to Control Room

The Control Room sends a message with the coordinates that, once accepted by the operator, are going to be automatically set on the navigator. In the same way will be notified to the Control Room that the operator read and accepted the mission.

Two-way messaging feature with the Control Room.
The officer types a free text message through on-screen keyboard or choose it from a list of pre-loaded messages.



CAMERA AND VIDEOCAMERA



Management of the integrated cameras.
The solution creates and archives photographs, videos, and starts a video streaming mode in near real time that can be activated by the Operator, by the Control Room and via automatic trigger.

MULTIMEDIA GALLERY

The media files are archived on the multimedia content with the possibility of sending the picture to the Control Room. Pictures and videos, once in the Server application are associated with all the related metadata.

DATA TRANSFER

A notification between O.D.I.N.O. and the Control Room related to the actual receipt of the contents will be sent. In case of non-receipt and / or no connectivity, the system attempts to send data back up to the success of the operation.

The function garants the successful transmission of multimedia content (photos and videos) from the device to the Control Room.

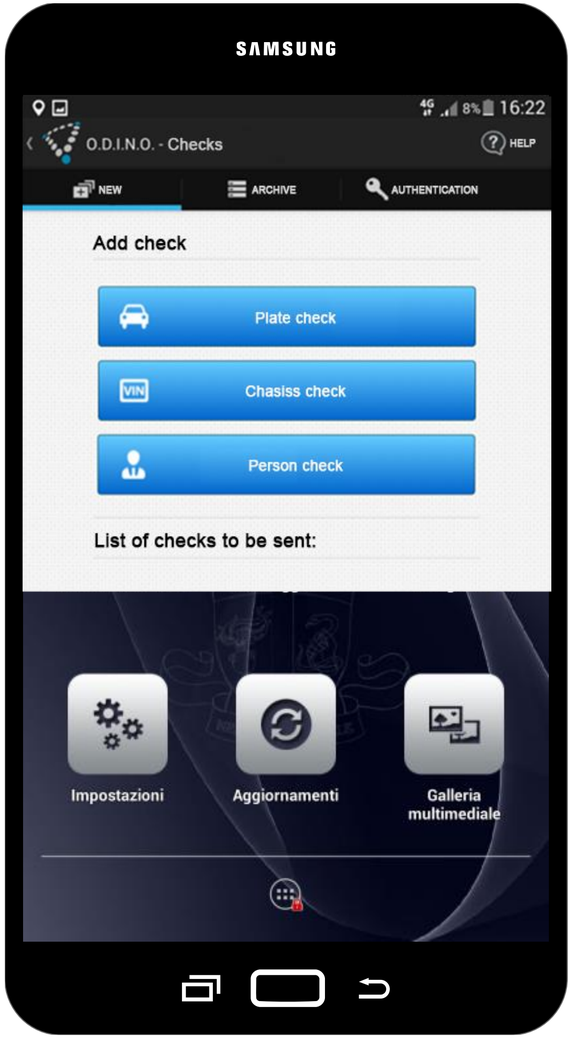
ALARM

The action automatically activates the camera integrated into the device. The Control Room receives a video / audio streaming coming from the device.

Additional ability to change the video source by choosing the rear view/front view camera integrated into the tablet. The icon for sending alarm is present on every screen.

DATABASES ACCESS

The function enables the real-time consultation of both national/international and proprietary databases (Criminal database, motorization, insurance, Shengen, etc), using a gateway that receives requests.

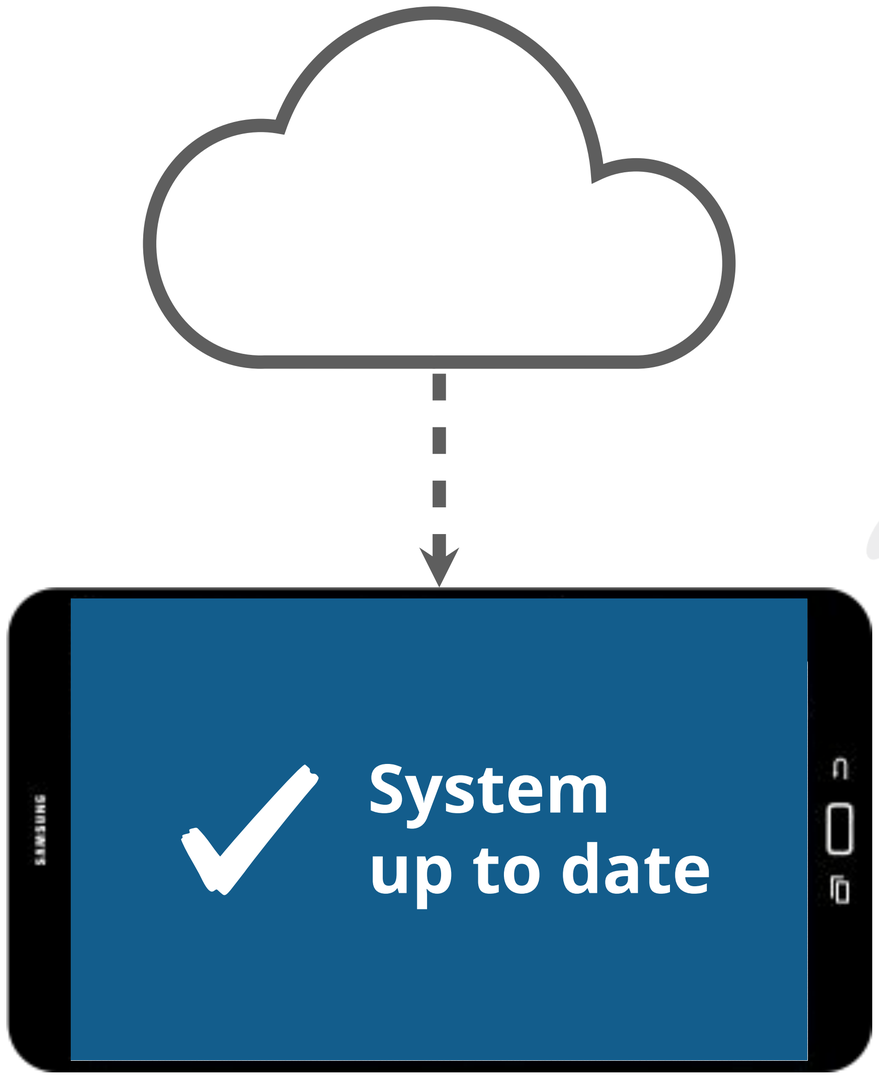


The gateway uses the connectors to gain access to each database and returns the response to the applicant in an integrated and homogeneous way.

Creating the appropriate connector to the specific database, the gateway can be extended.

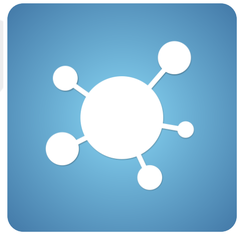
All the data are suitably protected by an encrypted channel able to ensure the maximum security, both in sending and receiving information.

UPDATES

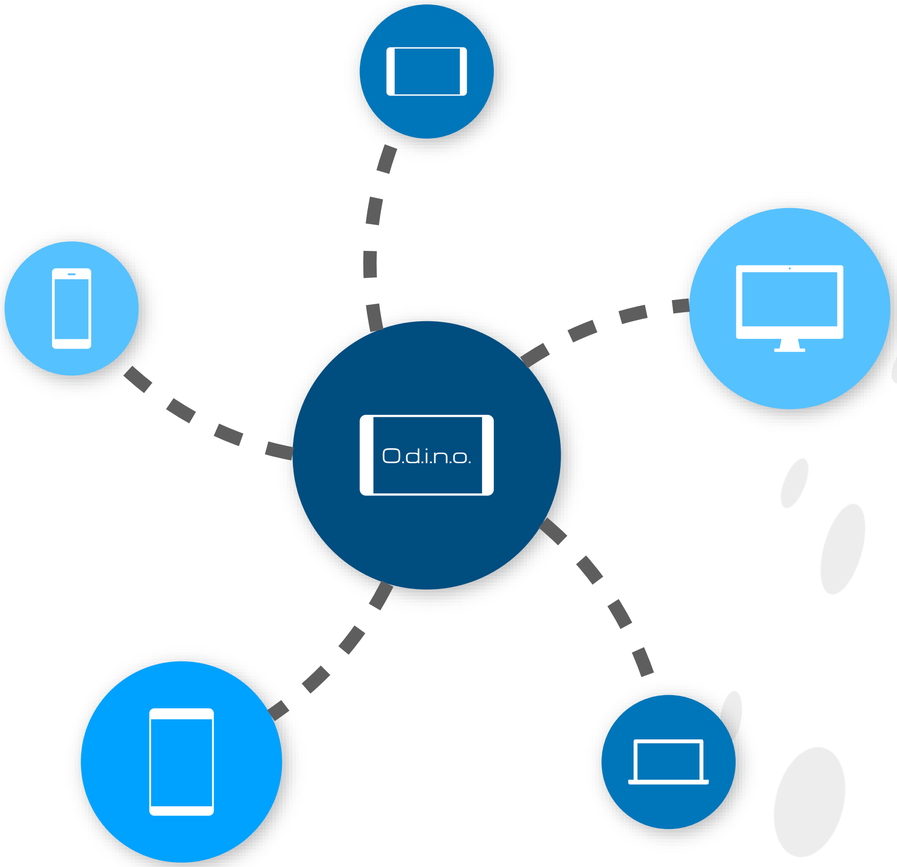


All updates are in OTA mode (Over The Air).

NEW FEATURES

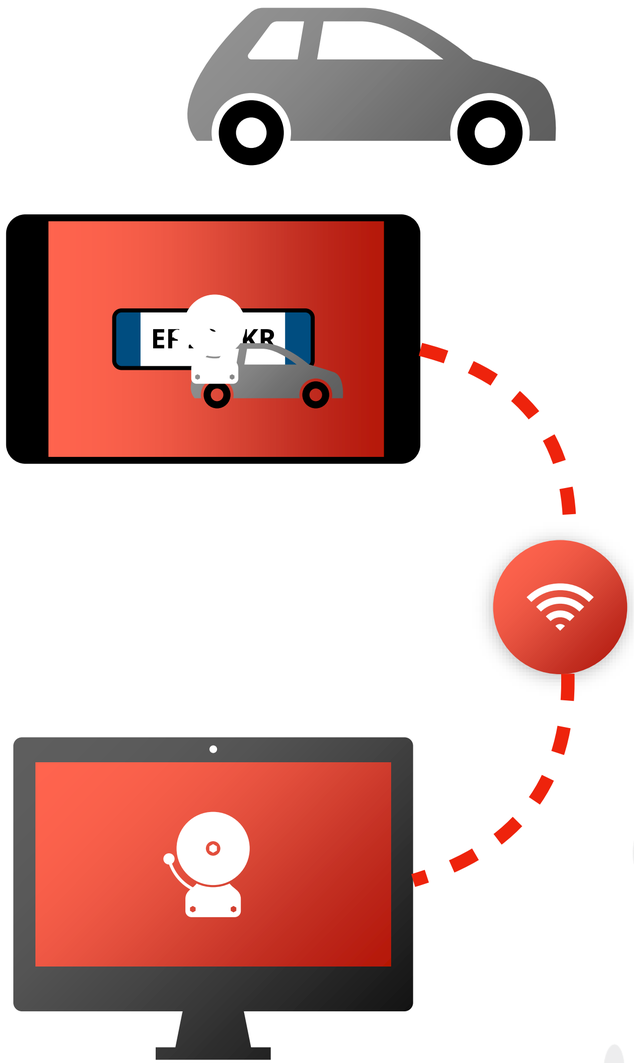


MINI OPERATIONS CENTER



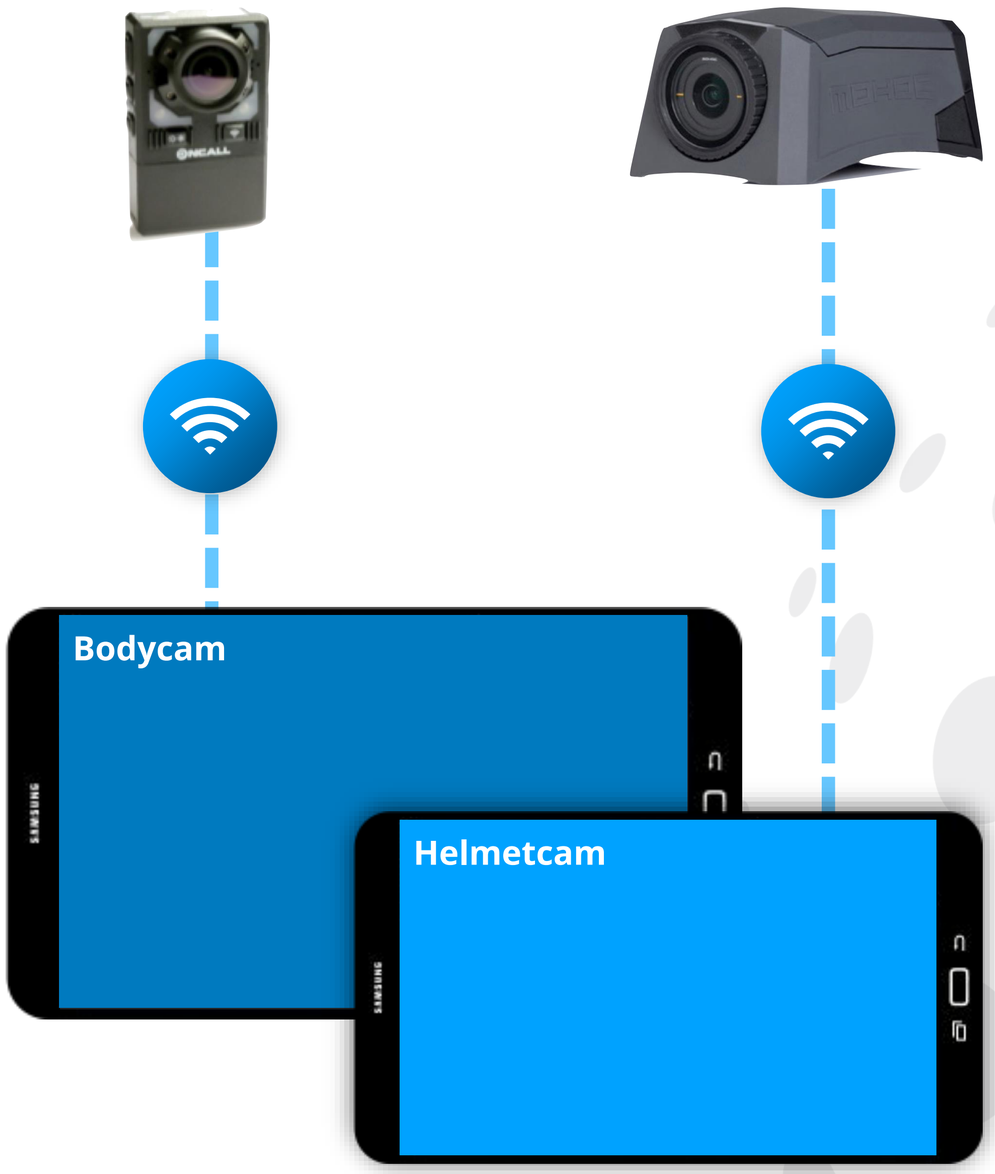
Ability to view "friendly" devices and send specific messages or geolocated alarms. In addition the operator may switch on the cameras of the other users within a specific area.

PLATE RECOGNITION



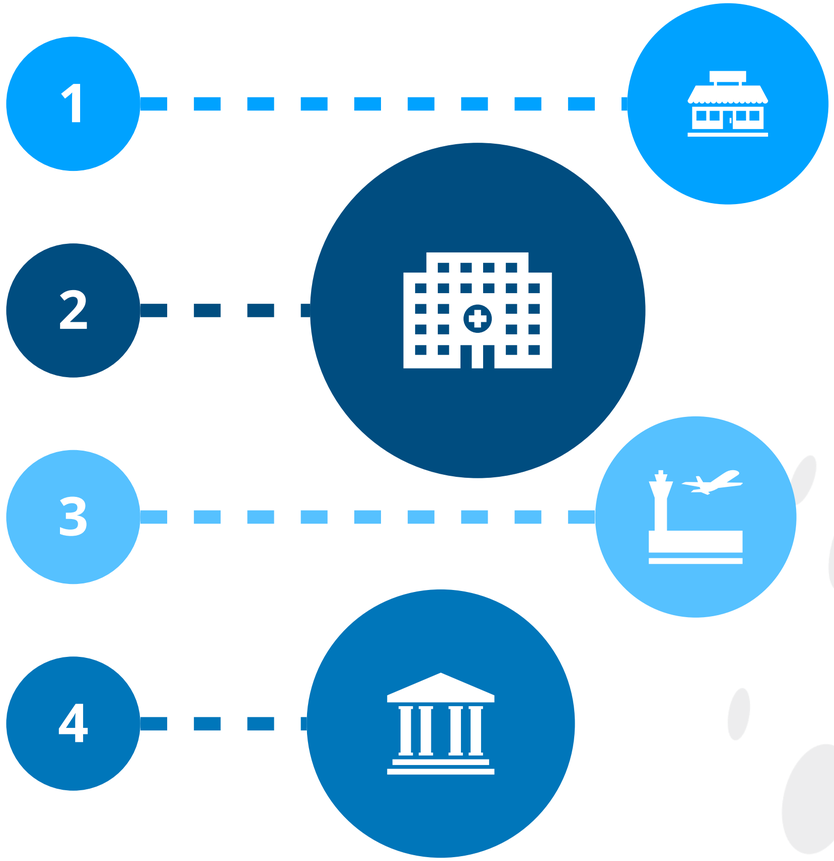
Ability of using the tablet/smartphone camera or an external camera connected via WiFi as an ANPR system, recognizing any plate and sending the data to the Database Gateway for checking purposes.

HELMETCAM / BODYCAM INTEGRATION



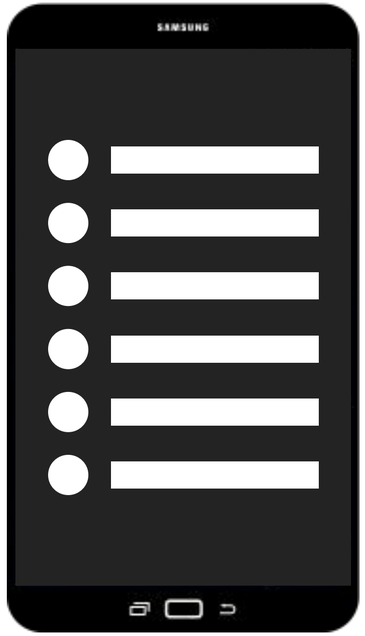
O.D.I.N.O. can be connected to body cams / helmetcams via wi-fi for live streaming. Streaming can be activated from the Operator, from the Control Room and via automatic trigger.

VIDEO SURVEILLANCE IN MOBILITY



Ability to connect to video points of interest assigned and view live streaming.

DISPATCHING



The operator carries out his routine activities and these are loaded inside the form and sent to the Operations Center via the network.

The module allows the automatic dispatching of the daily operator's activities and send them to the operator device, including any real time operational emergency.

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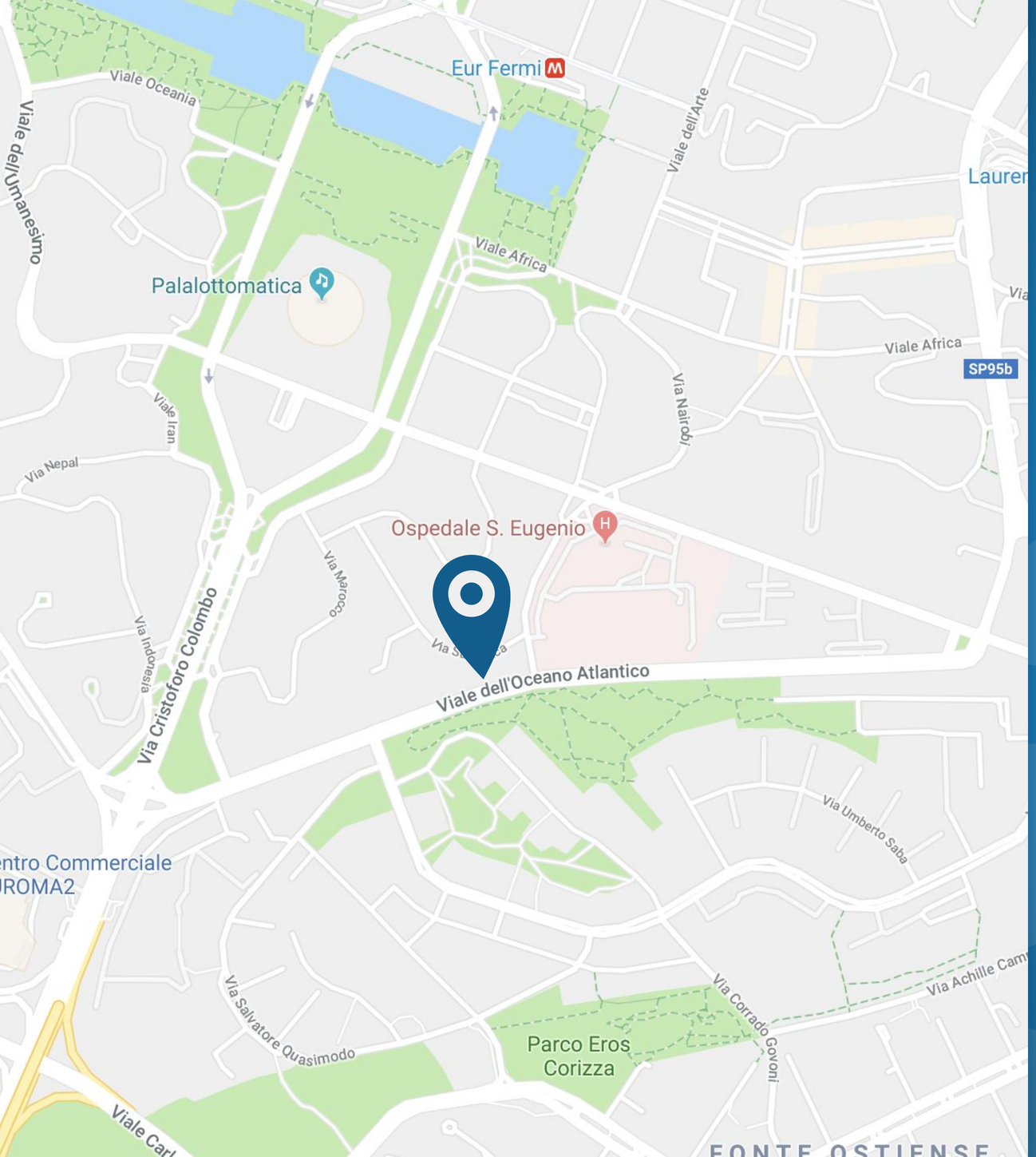
a company of

ITK Group



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