



ROBOT BASED SUPPORT FOR
COVID-19 EMERGENCY
AND SECURITY



ABOUT BEPI

THE TECHNOLOGY



GROUND ROBOTS

patrol the streets 24h, measure body parameters and interact with people. Possible cooperation with aerial drones.



COVID-19 EQUIPMENT

checks gatherings and use of the masks, measure temperature, Heart Rate, SpO2. Scan documents and talk to people.



REMOTE CONTROL STATIONS

manage robots, receive COVID-19 EQUIPMENT data and interact with people using audio and video communications.



SOFTWARE AND SERVER

for data analysis and remote management of robots. Servers are given to customers to own property of acquired data.

THE SERVICE

ON SITE INSTALLATION

The BePI team meets customer's need and sends technicians on site to find the best service setup,

PERSONALIZED SERVICE

Customer can choose the best configuration of the service: ground robots or drones up to 24 hours 7 days a week. Subscription packages starting from 1 month duration.

AUTONOMOUS OPERATIVITY

Robots work autonomously, with the supervision of a remote qualified operators. No extra workload for customer.

24H ASSISTANCE

The assistance team supports the customer for any problem related to the service.



FLEXIBLE AND POWERFUL

BePI

is a complete and flexible product/service that offers fast and ready-to-use mapping of pandemic areas for different kind of customers:

- ✓ PRIVATE COMPANIES
- ✓ MUNICIPALITIES
- ✓ HOSPITALS
- ✓ PUBLIC AREAS

Benefits



wide range of population mapped



up to 64km operativity / 24h



less risk for workers



full integrated robotic sensors



real time results

What we do

BePI provides a full infrastructure to give customers only what they need (data, maps, alerts) by reducing the workload.

- ✓ Semi-Automated or remote piloted robots oversee the areas
- ✓ A crew of operators manage the work of robots and plan their routes
- ✓ Control rooms are real time connected with police to report alerts

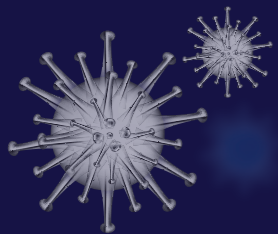
BePI is not just a health detection system.

When not directly engaged in Covid-19 prevention tasks, robots can perform other activities, always autonomously.

Complementary services can be planned for Security, Public Safety, Land monitoring, Telemedicine.

BePI team can create a tailor-made service based on customer needs.

Contact us.



SUITABLE FOR ANY RESPIRATORY PANDEMIC

The data acquired by BePI infrastructure are useful for every respiratory pandemic. The relevance of HR, SpO2 and body temperature is strictly related to a territory where the presence of pandemic is testified. If these conditions are met BePI infrastructure can show its incomparable superiority.



LARGE STATISTICAL SAMPLE

Parameters shall be processed by an artificial intelligence which statistically evaluates the standard deviation of a single sampling by the big data accumulated by the previous hours. The system automatically corrects the bias related to environmental conditions, where any other mapping system fails.

One infrastructure,
many possibilities.



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Members of the Consortium:



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