

# alisyys

## Robotics and IoT Management Platform

The platform integrates the management of robots, drones and IoT devices enabling them to work in a unified and coordinated way to support decision-making and perform multiple complex tasks.

MORE INFORMATION



### Monitor

Real-time monitoring of the robot, drones and IoT devices, including location, alarms, status of pre-determined missions and availability of agents and devices.



### View

Check what is happening with your device at every moment: battery status, memory usage, sensor information, mission status and high quality video from all cameras supported.



### Teleoperate

Control your autonomous devices with a virtual joystick or connect a physical one. Custom widgets and commands for each robot such as "sit", "climbing mode" or "sport mode".



### Analyze

Centralize decision making with more information and in a faster and more efficient way, reducing operating costs that can be relocated to other tasks.

Official partner

BostonDynamics



SoftBank  
Robotics

Unitree



Furhat Robotics

ZORA  
BOTS

## Outstanding characteristics



### IoT Platform

Integrated IoT platform and possibility to integrate third-party platforms to improve efficiency and security of operations.



### Savings

Execute the same application on different devices, such as robots. Improve their collaboration, facilitating their programming and optimizing their autonomy.



### Scalable and flexible

Scale the performance of the robots and devices regardless of the device, avoiding the time and resources consumed in programming direct to individual devices. Features available from an open API.



### Productivity

Increases the functionalities of the robots, drones and IoT devices using "state of the art" services, overcoming the limitation of each model.



### Collaboration between robots

Share information and use it for a better service in an agile and simultaneous way, avoiding individualized communication protocols, programming.



### Gain time of value

Programming and updating of all robots and devices are automated, eliminating time and costs associated with manual and individual programming.



### Information security

All communications are TLS encrypted.



### Always available

Teleoperation of autonomous devices such as robots or drones, from anywhere in real time.

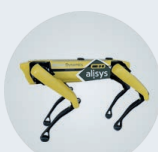


### Real-time Analysis

Real-time monitoring and historical dashboards for predictive maintenance.

## Pre-integrated devices

### Dynamic robots



Spot



A1

### Social robots



Pepper

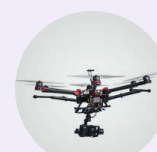


Furhat



James

### Drones



### IoT Devices





## Security

### Remote inspection

- › Image processing to detect faults and leaks.
- › Full time patrol.
- › Notification and alerts for possible anomalies.

### Quality control

- › Checking the quality of the goods, detecting anomalies and damage.

### Plant security

- › Assessment of security in an environment, obtaining access to unexplored and difficult access.



## Construction

### Digital twins

- › Inspection, documentation and data management of the progress.
- › Real-time monitoring of construction.
- › Comparison of construction conditions through Building Information Modeling (BIM).

### Infrastructures documentation

- › Data collection, documentation and administration of the progress of any type of building.



## Energy

### Supervision

- › Optimization of production and efficiency.
- › Automation of supervisions.
- › Reduced downtime.
- › Warning about possible failures.



## Healthcare

### Disinfection and delivery of material

- › Disinfection of healthcare environments.
- › Delivery of medicines and health equipment.

### Support to health workers

- › Automation of actions such as triage and capacity control.
- › Making medical appointments, taking vital data remotely.
- › Monitor vital data.



## Farming

### Crop control

- › Automation of weed control, sowing, seed planting, monitoring and soil analysis.



## Mining

### Mine exploration

- › Access to difficult areas.
- › Exploration of dangerous and landslide risk areas.
- › Autonomous excavation and transport of raw materials.



## Education

### Support in research and education

- › Help in collection data, samples and documentation for research work.
- › Development of applications with the available hardware and software, with navigation, mapping and artificial intelligence technologies.



## Transport

### Support and point of interest

- › Loading of heavy baggage. Reduced downtime.
- › Points of interest, information and timetables.
- › Accompaniment people with low mobility.



## Retail

### Customer advice

- › Reception the consumer in multiple languages.
- › Q&A.
- › Personalized products advice.
- › Brand ambassador.

**alisyys**

🌐 [www.alisyys.net](http://www.alisyys.net)  
 ☎️ +34 910 200 000  
 ✉️ [info@alisyys.net](mailto:info@alisyys.net)

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INNOVATIVESME



Operador comunicaciones electrónicas

