

Autonomous modular robots created by Greek company looking for investors

Summary

Profile type	Company's country	POD reference
Business Offer	Greece	BOGR20240827007
Profile status	Type of partnership	Targeted countries
PUBLISHED	Investment agreement	• World
Contact Person	Term of validity	Last update
<u>JACOPO CONTAVALLI</u>	27 Aug 2024 27 Aug 2025	27 Aug 2024

General Information

Short summary

This Greek microenterprise has developed robots for various applications from logistics to healthcare. It is offering its products to a large company which would be interested in investing in its business in order to finance further development of its products and technologies.

Full description

A Greek spin-off company has developed a series of robots that can be applied in a variety of fields, such as logistics, commerce, exhibitions, healthcare, and education. The company manufactures its own robotic systems and develops the corresponding artificial intelligence software to operate them. The robots are capable of sensing their environment, detecting human activity and, based on that, they can autonomously plan and navigate in human populated space, as well as interact with the people around them.

In the fast-paced landscape of modern businesses, the demand for robotic solutions that can seamlessly navigate dynamic and unstructured environments alongside humans is more demanding than ever. Companies today find it challenging to incorporate robotics into their operations since they are generally expensive, and existing solutions aren't flexible enough to adapt to the changing needs.

The solution offered by the Greek company is a versatile mobile base upon which businesses can build unique

robotic solutions. Using electromechanical interfaces, businesses can craft customized solutions that fit into their current workflows. The end-user can pick from a number of ready-made modules, such as manipulators for different tasks, logistics handling, ultraviolet (UV) disinfection, and multiple screens for advertising displays. The customer also has the possibility to mount a completely new robot on top of the existing model, making it a versatile solution suitable for various industries.

The client wishes to further develop its product and increase its capabilities. Therefore, it is looking for an investor to finance this expansion of its activities.

Advantages and innovations

The Greek company's products represent a groundbreaking innovation in the field of modular mobile robotics, since they are designed to address the dynamic needs of modern businesses. The robotic platform is customizable, thus allowing end-users such as companies to build specific robotic solutions tailored to various tasks, without requiring extensive technical expertise. At its core, the mobile robot base is a versatile foundation upon which businesses can easily integrate ready-made modules, such as logistics handling, manipulators, ultraviolet (UV) disinfection, and even advertising displays.

This modularity allows businesses to quickly adapt the robot to different tasks by swapping out modules according to the task required. The robots are designed with an easy-to-use clip-on module feature, allowing businesses to effortlessly switch between different functionalities in a short amount of time, thus also reducing implementation costs.

One of the key innovations of the modular robot is its user-friendly dashboard and mission configuration software, enabling non-experts to handle and set up the robot for different jobs. The solution also features advanced perception software, allowing the robot to navigate crowded and unstructured environments alongside humans with ease.

The product is designed to empower businesses in diverse industries to harness the power of automation. Its ability to be customized and reconfigured ensures that companies can quickly respond to evolving demands, enhancing their operational efficiency and scalability while

Technical specification or expertise sought

Stage of development

Already on the market

IPR Status

No IPR applied

Sustainable Development goals

- **Goal 9: Industry, Innovation and Infrastructure**
- **Goal 8: Decent Work and Economic Growth**

Partner Sought

Expected role of the partner

The client wishes to conclude a business agreement with a large company which would be interested in investing in the Greek business in order to finance further development of its products and technologies.

Type of partnership

Investment agreement

Type and size of the partner

• **Big company**

Dissemination

Technology keywords

• **01001001 - Automation, Robotics Control Systems**

Targeted countries

• **World**

Market keywords

• **08002004 - Robotics**

Sector groups involved

• **Electronics**

Media

Images



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Videos

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