

## Nasdaq's Deep Tech

## Odysight.ai, from the U.S. to Italy to Prevent Disasters

by ALESSANDRA PUATO

The goal is to signal disasters before they happen. A train accident, for example, or the collapse of a bridge. With its micro-cameras installed at railway switch nodes or within road and tunnel structures, but also in helicopter control systems, the American deep tech company Odysight.ai offers an innovative technology for the predictive maintenance of large infrastructures and machinery, based on artificial intelligence. Its video-sensor system makes it possible to look inside a component to understand whether it is deteriorating, when it needs to be replaced, and when an alarm should be triggered.

Now Odysight.ai is landing in Italy, to make it the hub of its European expansion, with an investment estimated by sources at around 30 million. Target sectors include aerospace and defense, infrastructure and Industry 4.0, and energy.

**Former pilot**

Yehu Ofer, chief executive officer of Odysight.ai, has opened an office in Rome. "We will bring the production of our preventive maintenance systems to Italy, using AI-based video sensors. This country will be the gateway to Europe."

"We want to build a European company and Italy is the gateway," says Yehu Ofer, CEO, former pilot in the Israeli army and member of the board of the Weizmann Institute of Science in Rehovot, among the most prestigious research centers in the world. "Here we will develop and produce our technology, transferring the production and research center from Israel. We registered the company Odysight.ai EU in Rome on January 9, 2025, and just a few days ago we opened an office in the capital, on Via Lima 7. We are evaluating where to launch a facility to produce software and hardware, across Italy. We are hiring."

With offices in the U.S. (Nevada) and Israel, listed on Nasdaq since February 11, 2025, with a capital raise of 23.7 million dollars (+5.3% for the stock over the past month, recovering to 3.9 dollars as of January 8), Odysight.ai was founded in 2019 as an evolution of a diagnostic imaging company. The main shareholder, through the venture fund Arkin Capital, is the Israeli

entrepreneur Moshe Arkin, known as Mori, already listed among Forbes billionaires. The free float is around 35%, with institutional and private investors.

The company reports an order backlog of 14 million dollars and revenues of 2.6 million dollars in the first nine months of 2025. Among its clients were NASA in 2024 and, last year, Leonardo, for which it completed testing and obtained approval of the TruVision technology on the AW139 helicopter supplied to the Italian Air Force. Among potential clients in Italy, it points to major public companies such as Fincantieri and Ferrovie dello Stato.

"We have just concluded our first contract in Europe for 200 industrial predictive monitoring systems with a major elevator manufacturer, and we are now testing our systems with a large automotive company, on heavy vehicles," says Ofer. On January 5, the CEO wrote a letter to shareholders marking a shift in pace. "We have

accelerated international expansion," he wrote, "with teams in key markets, the United States and the European Union, where we have established a subsidiary. These initiatives are fundamental to strengthening our local presence. I am optimistic."

Behind the confidence are growing trends in defense budgets, the renewal of civil and military aircraft fleets, and the increase in autonomous vehicles. "We will continue to invest in research, talent, and partnerships," writes Ofer. "We want to become the global reference point for predictive maintenance and AI-based information for critical systems."

On the Italian team, the company has hired former Enel Foundation director Carlo Papa, president of Odysight.ai EU, and former SACE executive Rodolfo Belcastro, as vice president for strategic communication, public affairs, and European development. "We chose Italy for its high level of professional expertise, from aerospace to infrastructure," says Ofer. "We have started discussions with the government and the air force, and we can bring innovation and jobs."