



# Orbotix: Pioneering Autonomous Systems for Defense and Security

VALENCIA, SPAIN  
JANUARY 2025

Orbotix, a forward-thinking technology startup, is redefining the landscape of defense and security through innovative autonomous systems and AI-powered solutions. Founded in 2024 by Romanian entrepreneur Bogdan Ochiana, the company was born out of a pressing need to address modern conflict challenges, as highlighted by the Ukraine war. With a mission to enhance safety, adaptability, and efficiency for operators, Orbotix has already demonstrated its potential through successful field tests in **Ukraine and Estonia**, showcasing its commitment to developing cutting-edge technologies that empower military and public safety operations alike.

## The Call to Action: A Founder's Resolve

At the height of a conflict that shook the world, **Bogdan Ochiana** found himself at a turning point. As the war in Ukraine intensified, he witnessed the devastating loss of human life and the glaring absence of autonomous technology on the battlefield. Bogdan, a Romanian entrepreneur with deep business acumen and a drive to create meaningful change, recognized the stakes: **operators lacked the tools needed to reduce exposure and improve survivability**, and Europe's defense market faced challenges competing with China's dominance in drone components.

This urgency led to the founding of **Orbotix** in early 2024, with a mission to craft **advanced autonomous systems** to alleviate the burdens of modern warfare and public safety challenges. The initial concept—**ATA (Autonomous Target Acquisition)**—was born to make defense more human-centric, allowing operators to deploy and manage drone swarms seamlessly, reducing risk and saving lives.



## The Journey Begins: Building Tomorrow's Defense

Orbotix's story is one of collaboration, adaptation, and perseverance. From its **HQ in Poland, R&D centers in Spain, Ukraine and Estonia, to its software hub in Romania**, the company quickly grew into an international team of AI experts, engineers, and designers. This diverse team reflects the complexity and diversity of modern security challenges, ensuring innovative and practical solutions.

Operating in a rapidly evolving and highly competitive landscape, Orbotix faces challenges both technical and geopolitical. From navigating fragile market trust to building relationships with government authorities in those key regions, the company embraces a "work in progress" ethos. This mindset ensures **agility and continuous improvement** as it develops a **partnership** where soldiers and military personnel become collaborators, providing invaluable feedback that helps refine autonomous solutions tailored to real-world needs.

## Ethics at the Core: A Mission Beyond Profit

Orbotix is committed to ethical innovation, setting it apart in the defense industry. Unlike companies that use conflict zones as testing grounds for unrelated products, Orbotix develops solutions specifically for the scenarios they aim to address. From **Wasper-1** to the **ATA System**, every product is designed to enhance missions, protect lives, and empower users while adhering to **strict regulatory guidelines** like the EU AI Act. At the heart of its technology lies a human-centric approach, ensuring decision-making remains in **empathetic human hands**.

## A Path to Progress: Unity Through Innovation

Orbotix's solutions are **ever-evolving**, like the challenges they aim to address. Whether working on **autonomy in denied environments** or expanding the usability of the **ATA System**, Orbotix embodies the philosophy that innovation is a journey, not a destination.

This mindset ensures the company's dedication to empower operators with tools created with **creativity, collaboration, and agility** in order to enhance their capabilities, save lives, and safeguard society.

### Contact Information:

Alejandra Gonzalez  
Head of Marketing at Orbotix  
press@orbotix.tech