Sixdof Space
ULTRA FAST OPTICAL TRACKING

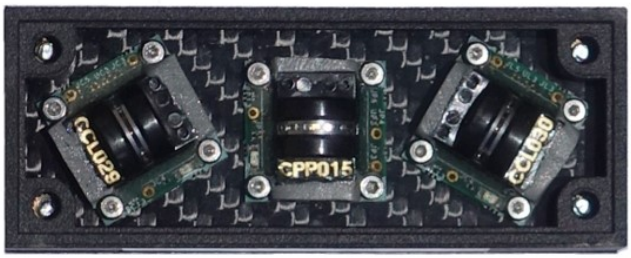
COMPANY OVERVIEW

Cutting-edge, high-speed 6DOF optical tracking, and navigation

Today's tracking systems – embedded in **drones and robots, military equipment, warehouse vehicles, medical devices, AR/VR glasses,** and dozens of other applications – must provide full 6DOF (six degrees of freedom). This means that the object or user's absolute position and orientation in real-world space are tracked and instantly communicated to your system.

The key ingredients for the success of such a system are speed, accuracy, and low latency – all at low cost. The market has confirmed that the lack of *any* one of these almost *assures* sluggish adoption rates.

Sixdof Space has created a new optical tracking approach offering long-awaited breakthroughs in all three of these factors. We combine **optics, algorithms, and electronics** in a single package for deployment in a variety of products in multiple industries. This patented technology is unique, as it employs simple, low-cost, coded infra-red LEDs to serve as location beacons. Embedded in any manufacturer's existing hardware, the system will independently report **accurate** position, at a **very high speed**, to **any** host system.



The company was formed in February 2017 with its R&D office in Jerusalem. Founders Mark Goldfarb (CEO), Daniel Greenspan (CTO) and Dr. Klony Lieberman (VP R&D) each bring over 30 years of international business and technology experience. They head a team of 10 developers with additional specializations. We have four US approved patents, and multiple pending.

Current Offerings

Sixdof Space expanded from its initial market focus on the VR sector (head tracking), to developing relationships with a substantial list of well-known defense and tech companies, each looking for help in solving their unique project-specific tracking challenges. The company has customers in sectors including military/security, AR maintenance and entertainment, and Industry 4.0 (warehouse logistics and construction).

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