



## COMPANY OVERVIEW

### *Cutting-edge, High-speed 6DOF Optical Tracking & Navigation*

To be truly accurate and effective, today's tracking systems – embedded in **VR/AR glasses, drones and robots, warehouse vehicles, military equipment, medical devices** or 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 the system.

The key ingredients for such a system to be successful: Speed, accuracy, low latency –all at low cost. The market has confirmed that the absence of *any* of these almost *assures* a sluggish adoption rate.

Sixdof Space has created a new optical tracking approach, offering long-awaited breakthroughs in all of these factors. They combine **optics, algorithms and electronics** in a single package for deployment in a variety of products, in multiple industries. Their patent-pending technology is unique in that it can leverage *existing* room lights, without modification, or employ simple, 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. The founders, Mark Goldfarb (CEO), Daniel Greenspan (CTO) and Klony Lieberman (VP R&D), each have over 25 years of international business and technology experience. They head a team of 15 with additional specializations. The company has two approved patents and an additional four patent applications filed (US & PCT). The company has raised, to date, a total of \$3M.



#### **Current Status**

The company has expanded from its initial market focus on the VR sector (head tracking), to developing relationships with a substantial list of well-known tech companies in several other industries, each looking for help in solving their unique project-specific tracking challenges. The company is today running a series of POC and paid pilot projects with several such parties, in sectors like military/security, AR maintenance and entertainment, and Industry 4.0 (warehouse logistics and construction).



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