

Company Status

- Founded June 2016
- Located in Caesarea, Israel
- 24 employees
- Major investors:
Honeywell, Hanwha & NextGear Ventures
- www.infinidome.com



Major Customers



The Problem We're Solving

- GPS (GNSS) is cornerstone in all unmanned platforms (in air or on ground).
- Emitted from 20,000km away, the GPS signal is incredibly weak and could be jammed using a \$20 jammer bought online.
- These same jammers are used today by hostiles to bring down drones from mid-air or disable navigation or tracking of critical vehicles.
- Current protection solutions are large, heavy and very expensive (>\$20K) and are irrelevant for protection of said applications.
- Airspace management and C2 is a must for drones. They are useless when GPS is attacked.

Technology

- infinidome harnesses Electronic Warfare principles in a tiny package making any GPS 50x more resilient to attacks.
- Our own RF chip and algorithm allows GPSdome to combine patterns from multiple antennas, creating steerable nulls which attenuate the hostile signals.
- Unlike competing solutions, the GPSdome is fully retrofit – could be added on to protect any existing GPS system without changing it and works with any off-the-shelf antennas.

Products & Roadmap

- **Commercially Available:**
 - GPSdome – entry level GPS protection: single band, single null
 - OtoSphere – for non-government ground applications
 - GPSdome 2 – high-end protection for small to medium platforms with disruptive C-SWaP
 - Robust Nav System - infinidome & Honeywell joint resilient nav system: combining anti-jam inertial and radar technology
- **On Our Roadmap:**
 - GPSensor & infinidome – GNSS sensor & monitoring service platform: detecting and alerting attacks in real-time

