

Straight to the point



HIGHLY PRECISE LOCATION AS A SERVICE

Made possible through a patented wireless-based firmware solution that is self-learning, ubiquitous, ultra-precise (~10 cm), passive and low power, allowing absolute indoor and outdoor position determination.

ASSET | PEOPLE TRACKING | TRACKING

INDOOR (via WIFI) & OUTDOOR (via WIFI, LTE and 5G)

ANY ASSET:

Stationary i.e., long-term vehicle storage, office assets, etc. Portable i.e., packages, luggage, shipping pallets, etc. Mobile i.e., scooters, drones, etc. ANY PERSON:

Employees, customers and first responders **ANY VEHICLE:**

Cars (Uber), Cargo Ships, AGVs





A TECHNOLOGICAL BREAKTHROUGH

The Deeyook sensor is based on wireless interferometry: The difference in carrier phase between two free-space rays is translated into an angle: the direction of departure.



MACHINE LEARNING ADVANCED POSITIONING

1.Unsupervised estimation of AP parameters using multivariate optimization

2.Location prediction using Bayesian probability maps based on physical modeling and sensitivity analysis stitching of nearby mapped areas

3.Embedding in WGS 84 coordinates

EXSITING CELLULAR MODEM TO IMPLEMENT WIFI LOCATIONING

Proprietary firmware can use cellular (LTE or 5G) modem to enable WIFI positioning



