





Senion Indoor Positioning System (IPS)

Senion Indoor Positioning System (IPS) is a robust hardware-software system for indoor positioning of mobile devices.

Capabilities of IPS:

IPS provides the indoor equivalent of GPS and can be deployed in a variety of environments and scenarios.

-  Position smartphones indoors.
-  Provide dynamic, indoor turn-by-turn navigation.
-  Push notifications to users in specific zones.
-  Collect location data for analytics.

Components of IPS:

Senion SDK

Integrated into an existing smartphone application, leveraging a sensor fusion algorithm to calculate real-time device position.

Senion Beacon

Bluetooth low-energy beacon with ~1000 sq ft range and ample shelf life. Tailor-made for indoor spaces with an attractive, low profile design.

Smartphone Sensors

Built-in smartphone sensors including Bluetooth, Altimeter, Magnetometer, Gyroscope and Accelerometer.

Senion Server

Scalable and secure cloud server, hosted on Amazon Web Services. On-device positioning keeps server traffic to a minimum.

Senion makes finding your way easy

Complete Integrated System

Each component is engineered to work in synergy. This holistic approach results in robust indoor positioning, with full control and minimal maintenance.

Seamless Installation

A user-centered approach, designed with simplicity and usability in mind. Installation, calibration, operation and management are all effective, efficient and easy to learn.

A Simple, Proactive User Experience

Senion's Indoor Positioning System is backed by Verizon. The platform is flexible and reliable, enabling a solid foundation for future location-based solutions.

