

Evaluation Kit (EVK)

Hybrid positioning technology combining GPS/AGPS and sensewhere proprietary Wi-Fi technology for customer evaluation.

Features

- Allows easy and flexible ways of integrating sensewhere's positioning engine to mobile applications.
- User controls for selecting different positioning methods and positioning rates.
- Automatic NMEA data logging for all positioning methods for offline analysis.
- View user position on Google maps through phone GUI.
- Self-generated Wireless Access Points Database for Wi-Fi positioning.
- Complete offline Wi-Fi and GPS positioning.
- Dedicated online server for Wi-Fi Access Point database backup and download.
- sensewhere provides technical support assisting the evaluation and analysis.
- Provides an effective interface to sensewhere's fine grain indoor and hyper-local positioning.

sensewhere EVK is available for Android and Nokia devices.



Overview

Platforms

Android
Nokia

Features

Simple interface to sensewhere positioning technology and SDK
Easy to use
Configurable settings

Differentiator

Pure software solution
Indoor positioning
Fine grain urban and hyper-local positioning
Low cost
Energy efficient, saves on battery life

Applications

Social networking
Mobile phone manufacturers
Network operators
Airports and malls

About us

sensewhere Ltd. is a world leader in hyper-local and indoor positioning solutions. sensewhere's technology enables precise location information in areas where there is no or inaccurate GPS satellite data such as indoors or in tight urban areas. Key aspects of the technology are based on software algorithms which uses all available location data whether GPS, A-GPS, Wi-Fi, Bluetooth or sensewhere proprietary software to create accurate and fast location information.

sensewhere is available as a software enhancement for several applications and markets such as Device OEMs and end user applications for mobile devices.



sensewhere user interface

Screen

Switchable Map and Satellite views

Zoom in/out

Auto centre

Indoor map view ON/OFF

Settings

Configurable positioning rates:
5, 10, or 30 seconds

Positioning methods:
GPS, Wi-Fi, or Hybrid

Map: Google maps (default), and
any vendor indoor maps

sensewhere EVK Parameters

Battery efficiency

Same as other mapping apps

Key impact is when GPS active

Configurable settings

Data efficiency

650 Byte per location request

Device firmware requirements

Android 2.2 and above

Windows Mobile and Blackberry
available soon

Device Hardware

GPS and Wi-Fi minimum