

PERSONAL NAVIGATION SYSTEM

Personal Navigation System:

- Personal Navigator is a routing and navigation services product for Windows and WinCE device
- The system can receive GPS signals from a GPS receiver and identify a user location. From this user location, users can find route to any location on the map.
- The Car Navigator generates dynamic driving directions, voice advices and schematic views of forthcoming road junctions. Users can chose shortest or quickest paths when selecting their routes
- Map Engine provides the ability to display the geographic data on the screen in different modalities and interact with the map. All these functionalities are strictly related with the format of the geographic data
- Features provided by Map Engine include Zoom Functionality, Panning, Querying, displaying level of the roads and controlled map display
- Routing Engine allows the users to plan a route depending on the entered starting and ending position. Journey direction details provide turn by turn detailed description of the route. Capability to add constraints to the routes is also provided
- High filtered drawing engine is used to display the map and Industrial Standard GPS receiver is supported. GPS receiver format NMEA is supported and Serial Port, Blue tooth, and inbuilt GPS receiver devices are supported as well