

SNT-VTS



Vehicle Tracking System



OVERVIEW

SNT come up with the GPS base tracking solution, which with help you to increase the productivity, proficiency, punctuality, participation and profitability. of your business. By adopting the tracking solution from SNT you can also safeguard your vehicles and assets from being malfunctioned and avoid unauthorized usage and tampering.

"SNT VTS" Unit equipped with state of the art GPS receiver provides reliable and accurate navigation data. The unit enables the vehicle owners or third parties to online track at 24x365 uninterrupted perfect monitoring the location of a Car, Truck, Containers, Ship or any Object which is moving.

All the communication with the user/server is handled by Tri-Band GSM/GPRS module which accurately delivers all the navigation data. The communication is either through SMS or GPRS network.



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HARDWARE FEATURES

- Embedded GPS & GSM based Vehicle Tracking System.
- MMC card slot for data storage.
- Device has 8 I/Os port available for sensor interfaces such as fuel, engine temperature, Oil pressure etc.
- Hardware unit detects SIM inside it and generate alarm in its absence.
This anti-tamper feature stops vehicle from starting in case of VTS unit or SIM removal.
- In case of your vehicle theft, You can ignition cut-off

SOFTWARE FEATURES

- Software compatible with Google Maps as well as digital map data in many standard formats such as mapinfo, shape file etc.
- Immediate vehicle spotting from last position of complete vehicle movement between specified times. Each markup on map contains vehicle number, time stamp, positional details, Speed, Driver Name, Telephone Number, Licence Number, Exp. Date, etc.
- Vehicle tracking on map, earth or hybrid view for better geographical information.
- Reducing fuel theft.
- **User defined landmarks can be created on map for more details and personalized information.**

TECHNICAL SPECIFICATIONS

- 32 Bit micro controller running at 50 MHz
- MMC Card interface for data storage.
- Operating temperature : 40°C to + 85 °C
- On board regulators for operation from 6-30V
- Max current required 1.2 Amp.
- Rs-232 interface for PC connectivity.
- 8 analog/digital input/output for sensor interfacing and control.
- 1 Relay output for ignition or fuel pump control.
- 3 LED on Device.
- GSM / GPS Antenna.



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