

WEBTRAX

MTL - VTWA

GPS Tracking System



WebTrax is a comprehensive, informative and user friendly web based application, which facilitates in managing the VTS network. It provides complete vehicle management functions ranging from parameterization, tracking and controlling to event logging and report generation. Its detailed reports can provide important information on complete trips and driver behavior, and thus can help effectively manage a fleet in a cost effective manner. WebTrax's functionality can be used by the administrator, the distributor and the end client.

FEATURES

WebTrax has three types of Logins:

- Administrator: This is the main control center of WebTrax, from where the VTS network can be managed. It has the following management features:
 - Create new distributor
 - Create new vehicle
 - Delete vehicle
 - Edit / Update distributor
 - Edit / Update vehicle
- Distributor: This is a second level login, from where vehicles of a particular fleet can be parameterized, controlled and monitored. It has the following features:
 - Create User
 - Unit Parameterization
 - Remote control of vehicle (for e.g. engine kill, door unlock, honk horn / lights etc)
 - Edit / Update User
- User: This is the third level login, from where users can locate their vehicles and generate various useful reports.

WebTrax can help generate the following reports:

- Driver Behavior Report
 - Harsh braking
 - Over speeding
 - Driven time
 - Standing time

Areas resulting in excess fuel costs, maintenance and overtime claims can be addressed in the benefit of the organization.

Features (Contd.....)

- Movement Report
History of your vehicles is recorded and saved. In the event that you wish to confirm a certain incident, an entire report with elaborate history will be available. The history is saved for a default period, as mutually agreed, to allow easy retrieval.
- Exceptions Report
 - Ignition off
 - Battery tamper
 - Zone deviation
- Overall Fleet Report
 - Fleet Driven Time
 - Fleet Stopped Time
 - Fleet Idle Time
 - Average distance covered by the Fleet
- Trip Report
 - Distance traveled
 - Driven time
 - Map itinerary
 - Excess idle time
 - High / low speed events
 - Zone cross event

- Zone Crossing
- GPS Lock / Unlock
- GPRS In / Out
- Analogue / Digital Input Change
- On Demand Output Change
- Time Based Events
- Distance Based Events

Records digital / analogue input readings

- 4 Analogue Inputs (e.g. fuel gauge reading, temperature reading)
 - External Transducers are required
- 4 Digital Inputs (e.g. door open/close, ignition on/off, panic button on/off)

Software Requirements:

- Windows Server 2000
- Internet Information Server 5.0 or higher
- Manifold
- Net Framework 2.0 or higher
- SQL Server Client

Hardware Requirements:

- Processor – 3.0 GHz or higher
- Intel server board
- RAM 1GB DDR
- Hard Disk – 80 GB
- Server Casing Intel (recommended)
- Network Interface Card – 10/100
- CD Writer
- Keyboard
- Mouse
- Monitor (1024 x 768, 85 Hz minimum)

Tracking on Integrated Satellite Images

Records the following events:

- Over Speed
- Under Speed
- Harsh Brake
- Harsh Acceleration
- Main Battery Failure
- Backup Battery Failure



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ISO 9001:2000 Standards

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