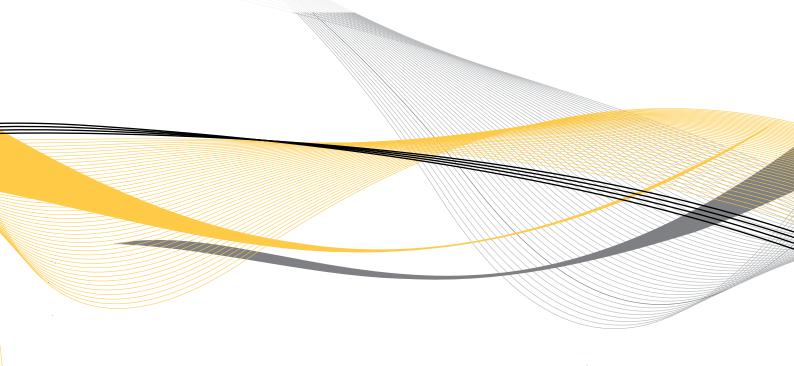# GTrack Vehicle

Part of GlobeFleet Vehicle Tracking and Fleet Management System, GTrack Vehicle has a tracking unit which offers information such as the speed, location, engine idling, work start/stop times, virtual zone enterance/exit times and many other events of the vehicles within the fleet and produces present and historical reports. In fact, it has been developed in order to provide customers with an economical alternative which offers a limited number of sensor set having Globe Fleet quality standards to be connected. GTrack Vehicle offers most of the essential features of its big brothers GTrack Fleet and GTrack CANbus.

The Features of GlobeFleet Vehicle Tracking and Fleet Management System:
• Internet-based software which ensures controlled access in any place where there is internet connection.
• The convenience to track the information about the vehicles' historical location, speed and violation messages, latest status (in motion, in idle mode, being towed, etc...) on one single window in different colors.
• The possibility to track all the movements of vehicles in the streets, roads and highways in a detailed way.
• Latest technology GPS receiver which ensures high accuracy about vehicles' location.
• Warnings sent for over speed violations allowing short time accelerations to avoid unnecessary violation events while overtaking other vehicles by the use of smart measurement method.

Your Fleet is Under Control

• Vehicle activity movements detailed and summarized
• Work start, finish time and location
• The route followed
• Total daily working/waiting time
• Total engine idling time
• Violations of rules;
  - Working hours
  - Over speed
  - Long waiting/idling mode
  - Entering/leaving the predefined zone
• Animation of the route vs. time on the map
• Graphical display of the vehicle's speed throughout the day
• The possibility to view reports on the screen and download
  as excel or pdf file
• Emergency call button, door/fuel tank cap controlling
options

Start Using Now!

You can access the system through the internet by
entering the allocated user name and password. You
won't need to install special software. You will be able to
reach all detailed information and reports about your
fleet whenever and wherever you want.

• E-mark

Mobile Tracking unit provided by GlobeFleet holds E-mark certificate. This certificate falls into the scope of extended
95/54/EC which has been in force in Europe since October 1, 2002 on the grounds that such aftermarket electronic devices
can damage the electronic configuration of vehicles.

(Fully or Partially) Supported Sectoral Solutions

GManager Alarm   GManager Speed   GManager Vehicle Pool   GManager Trip   GManager Tour Counting

DT350 Tracking Unit Technical Specifications

- **OTA (Over-The-Air) programming:**
  All parameters are fully configurable from remote.
- **OTA (Over-The-Air) firmware upgrade:**
  Full remote firmware upgrade for efficient and faster customer support and enhancement of service offering.
- **Geo-fence memory:**
  10 Geo-fences can be programmed.
- **Off line memory:**
  5.000 offline message can be stored when out of GSM coverage and transmitted when the connection is re-established.
- **Server Authentication:**
  The unit can be programmed to support communication only to / from authorized servers with DNS support.
- **Spare Server Support:**
  The unit can be programmed a spare server if the communication is not establish the main server.

Communication

Bands	Quad Band 850, 900, 1800, 1900 MHz
GSM Modes	GPRS Class 12
Antenna	Internal quad band GSM antenna
Packet Data	TCP/IP, FTP, SMS, UDP, HTTP, PPP, MMS
SIM	Internal, replaceable SIM card
Location	Cell ID based location support

GPS

Technology	MKT chipset
Sensitivity	
Autonomous	- 148 dBm
Tracking	- 163 dBm
Hot Start	- 160 dBm
Acquisition	
Cold Start	**< 35 sec.**
Warm Start	**< 30 sec.**
Hot Start	**< 1 sec.**
Receiving Channels	66
Location Accuracy	
SBAS	**< 2 m**
Autonomous	**< 2,5 m.**
Antenna	Internal (active)

Input and Outputs

Inputs
• 1 internally pulled down input dedicated for ignition switch.
• 1 pulled up 1 pulled down general purpose inputs.

Outputs
• 1 open drain output with 350 mAh current drive. It can be used for external immobilizer relay connection.

Interfaces

Power
• Input voltage 8 – 36 VDC

Internal Battery (optional)
• Li Polymer/Li-Ion, 3.7V, 1100mAh rechargeable, Operating Temperature: 0° to +60° (charge)
• Li Polymer/Li-Ion, 3.7V, 1700mAh rechargeable, Operating Temperature: 0° to +60° (charge)

Dimensions & Weight
• Dimensions 84x54x25 mm
• Weight 52 gr (without battery)

Environment
• Temp. operating -40°C to +85°C without battery and SIM card

Certifications
• E-Mark, E37, CE, ISO 9001:2008, ISO 14001:2004, ISO 27001:2005

O-13W51

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