

Fleet tracking and management solution for transportation of fuel & hazardous goods

Your choice to:

Safe transportation of hazardous goods
Driver, vehicle and cargo protection
Real time reporting on transactions and status
Stock Management
Productivity increase
Effective emergency management
Customers' service level improvement

Emphasis Telematics has gained significant experience on fleet management requirements for transportation of hazardous goods and particularly for the distribution of fuel / gas products. These requirements focus on safety issues, including on-board electronic systems which monitor transactions and provide early warnings & alerts. These systems require tight integration with management solutions, like automated replenishment / ordering systems, that maximizes the efficiency & visibility of the supply chain. A significant number of international & domestic corporations with fuel / gas distribution activities operate Emphasis Telematics solutions (e-TRACK fleet tracking management solution e-METER telemetering trace & monitoring solution).

Emphasis Telematics Solutions gives you the ability to:

Maintain high level of safety
Centrally monitor fuel/gas stock on tanks
Automate replenishment
Minimize distribution costs
Verify tank replenishment

Unique requirements of fuel & hazardous good transportation

Optimum service offering to fuel/gas stations

- o deliveries according to the schedule
- o electronic monitoring of orders in all steps of activity
- o information transmission through a secure VPN
- o order & shipment status monitoring (from order placing to the geographical position of the tank and the estimated time of delivery)

Safe operation and at the same time optimum and cost conscious fleet management.

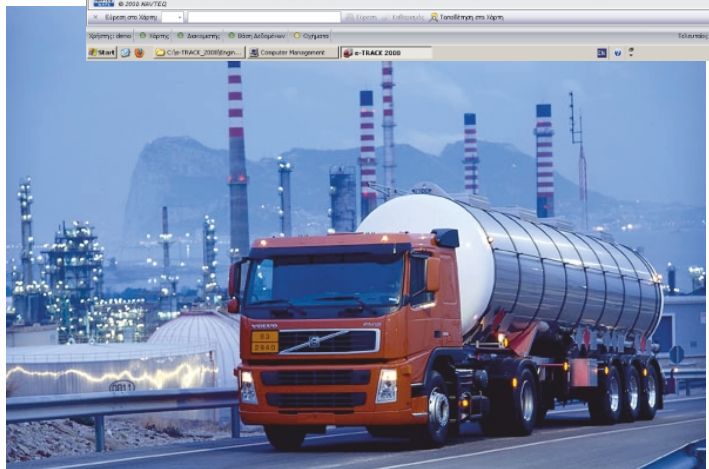
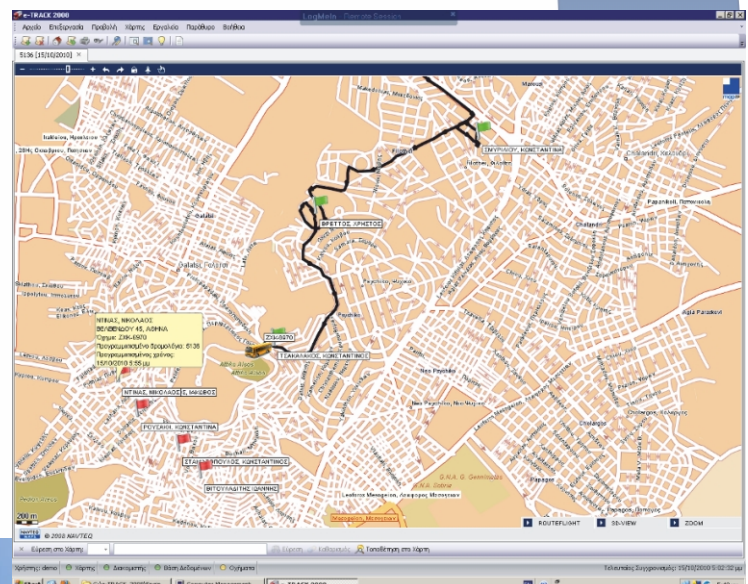
Assurance of driver and cargo safety protection –

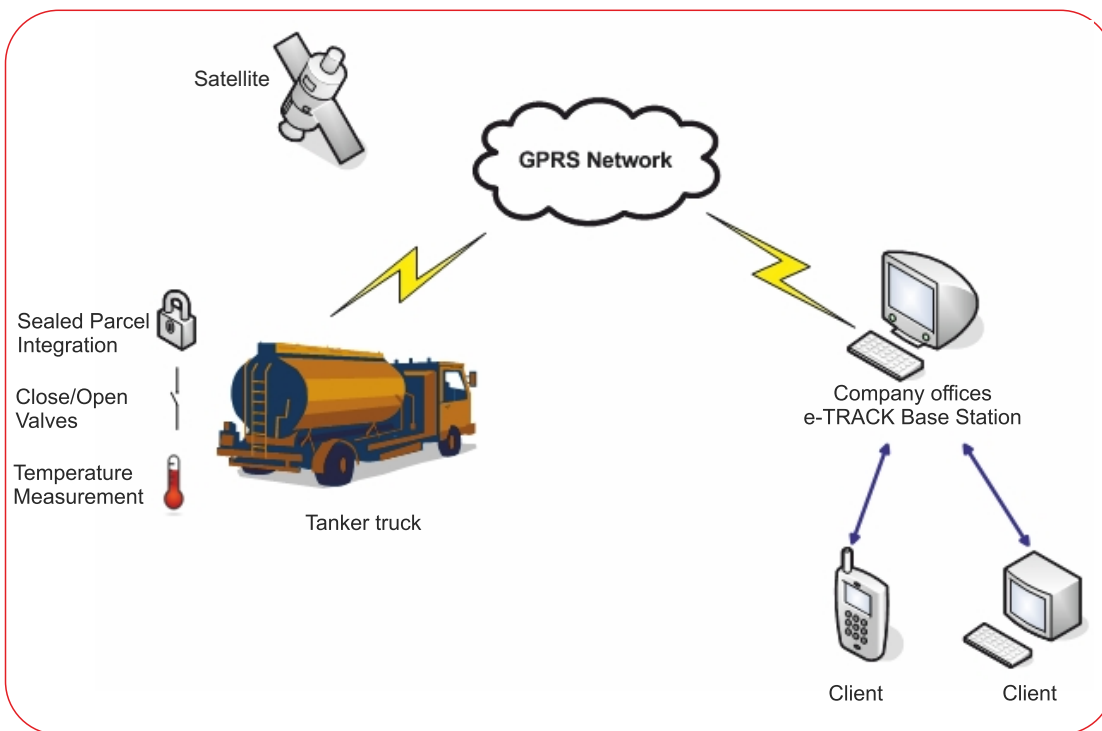
Immediate and around the clock alarming system when operating conditions deviate from normal operations and guidelines.
Alarms include location information, driver ID, vehicle number plate and current status.

Reliable and continuous monitoring of various important KPIs, like duration (min-max-avg) of stop in the gas station / loading depot, duration of routes (min-max-avg), drivers & vehicles utilization (min-max-avg), etc.

Real time fleet monitoring for the smooth fuel transportation operations and the minimization of human errors

Safe, secure and tight integration with all on-board and central systems, like automated fleet routing & scheduling system, electronic sealed parcel systems and fuel/gas volume measurement systems.





The e-TRACK & e-METER systems

e-TRACK, is a unique fleet tracking system, wholly developed by Emphasis Telematics, to fulfill vehicle tracking, status monitoring and alerting needs met in fuel / hazardous goods industries.

The system includes intrinsically safe vehicle hardware and central software with client/server or web architectures.

e-METER is a fixed, intrinsically safe telemetering system used in tracing & monitoring sensors, like valve opening sensor, tank level sensors and various other sensors (temperature, humidity, flood, smoke detection, machine operation, etc). It provides hierarchical alarms based on sensor events or calculated scenarios.

Some of the corporations operate fuel / hazardous goods distribution with Emphasis Telematics Solutions

Saudi Aramco, BP, Petrogaz (Butangaz), Elinoil

e-TRACK & e-METER solutions offer

In-vehicle safety features

Driver identification, Smoke detection, Panic button, Driver belt detection, Hand brake activation detection, No GSM/GPRS communication during fuel transactions, Road accident detection and automated alert broadcast
LPG (Liquefied Petroleum Gas) output valve monitoring, Vehicle engine monitoring, Fuel volume measurement on vehicle tanks (maritime/road fuel transportation), Fuel volume measurement on vessel tanks (maritime fuel transportation), Fuel mass measurement during vessel uploading (maritime fuel transportation)

Fleet routing & scheduling software integration

Real time route deviation report for vehicle with scheduled routes, Distribution schedule takes into account the monitored fuels levels from client's sites

Sealed parcel system integration (Civacon)

Real time report on fuel transactions

Web based application for time of delivery information

Map display of service locations
Accurate real time calculation of estimated time of delivery to petrol stations

Telemetry monitoring of available LPG stock at the client

Automated and accurate ordering for LPG supply minimizes distribution risks
Replenishment alarms are defined for each of client's tanks
Unexpected refill alarm occur when an unscheduled positive level change is sensed

LPG delivery quantity measurement

Integration with tank level measurement system (EMR3 Veeder Root)



Emphasis Telematics S.A., based in Athens, Greece, was founded in 1995. Its target is to fulfill extraordinary business needs in the areas of Fleet Tracking and Management, Remote Monitoring and Telematics, as well as Supply Chain Execution. The company provides services, to customers worldwide, ranging from consulting through to the design, development, integration and installation of innovative telematic solutions. Its solutions are complemented by first-rate professional support services. Annual turnover growth of 40%, during the last four years, confirms its clear strategy to maintain and further strengthen its position in the Greek market, but also to become a key player abroad. Emphasis Telematics, holding the leading position in the area of its expertise in the Greek market, is being very active in promoting successfully its solutions worldwide, targeting corporate leaders in their respective fields. As of today, it has offered its solutions and services to a client base comprising more than 450 corporate organizations over Greece, Spain, Cyprus, Turkey and Saudi Arabia.



Mesogeion Ave. 123 & 1, Krimaias str., GR-115 26 Athens, Greece
Tel.: +30 210 6923100, Fax: +30 210 6923120
info@emphasisnet.gr, www.emphasisnet.gr