



Abstract

An Austrian SME offers an innovative and easy-to-install system to track and efficiently manage fleets. It consists of hardware (all parts integrated, no external aerials) and an easy-to-use web-based software (PDA and blackberry interfaces available). Components such as temperature, crash and door sensors are available. It is an all-in-one, compact, cost-effective solution. They seek partners for commercial agreements with technical assistance, including distribution and technical support.

Description

An Austrian SME offers an innovative and easy-to-install system to track and efficiently manage fleets of vehicles.



The technology enables a constant tracking and monitoring of vehicles via GPS satellites on digital maps.

A mobile sender, integrated in the vehicles, transmits the location data received from GPS satellites to the control and communication centre via GSM/GPRS network. Additionally, temperature and similar telemetric data received from related sensors are transferred. The data received are compiled by a special software and then stored.

Customers log in via software (web browser – any time, any where) at their own PCs or have mobile access via Web Interface. With both options all data of a vehicle can be read in real-time or historical data can be accessed.

The software can be used on different platforms (Windows, PDA, Blackberry...), is multilingual, provides a variety of comprehensive solutions for different business types/types of fleet management and can be customised to specific needs.

Functions:

- Tracking/monitoring of vehicles,
- Predefinition of specific routes/zones,
- Data evaluation (present/past),
- Evaluation of stops, distances and speed,
- Transfer of vehicle data via SMS,

- Alerts in case of emergency, including localisation via SMS, email,
- Different language user interfaces with Google Map support.

Innovations and advantages of the offer

- Integrated GSM and GPS antennas (no external aerials),
- Embedded in the vehicle (not visible for employees - prevention of theft or misuse),
- Easy and quick installation in the vehicle for the end user ("only 3 cables to fix"),
- Cost-effective solution,
- Easy-to-use user interface (no previous knowledge necessary for the end customer),
- Web-based application (login 24-7), available for PDA and blackberry,
- Real-time tracking & managing of fleet possible,
- Data of each vehicle available for 6 months,
- Additional components such as crash/temperature/humidity sensors, emergency button, anti-theft sensors,
- Customisable alarm definitions and reports for circumstances that can be individually programmed (zone, speed),
- Customer designed solutions for specific needs possible.

This system enables identification for improvement and simplification of processes (planning of routes – unnecessary routes or private use of vehicles can be eliminated), eventually reducing operational costs. It is an all-in-one solution, hardware and software are from the same supplier (no hosting costs, no minimum terms, no dependency on external suppliers).

Current and Potential Domain of Application

System for monitoring a fleet of vehicles. Successfully introduced to countries such as Turkey, Romania, Moldova, Georgia, Austria, Azerbaijan, Egypt and Kuwait. It is e.g. employed by TNT Austria, further references available on request.



European Commission

Enterprise Europe Network Partnership Tools

ELECTRONICS, IT AND TELECOMMS, INDUSTRIAL MANUFACTURING,

Technology Offer

Real-time Vehicle Tracking & Monitoring Solutions for Fleet Management

(10 AT 0102 3GP6)



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For further information (including IPR status)

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