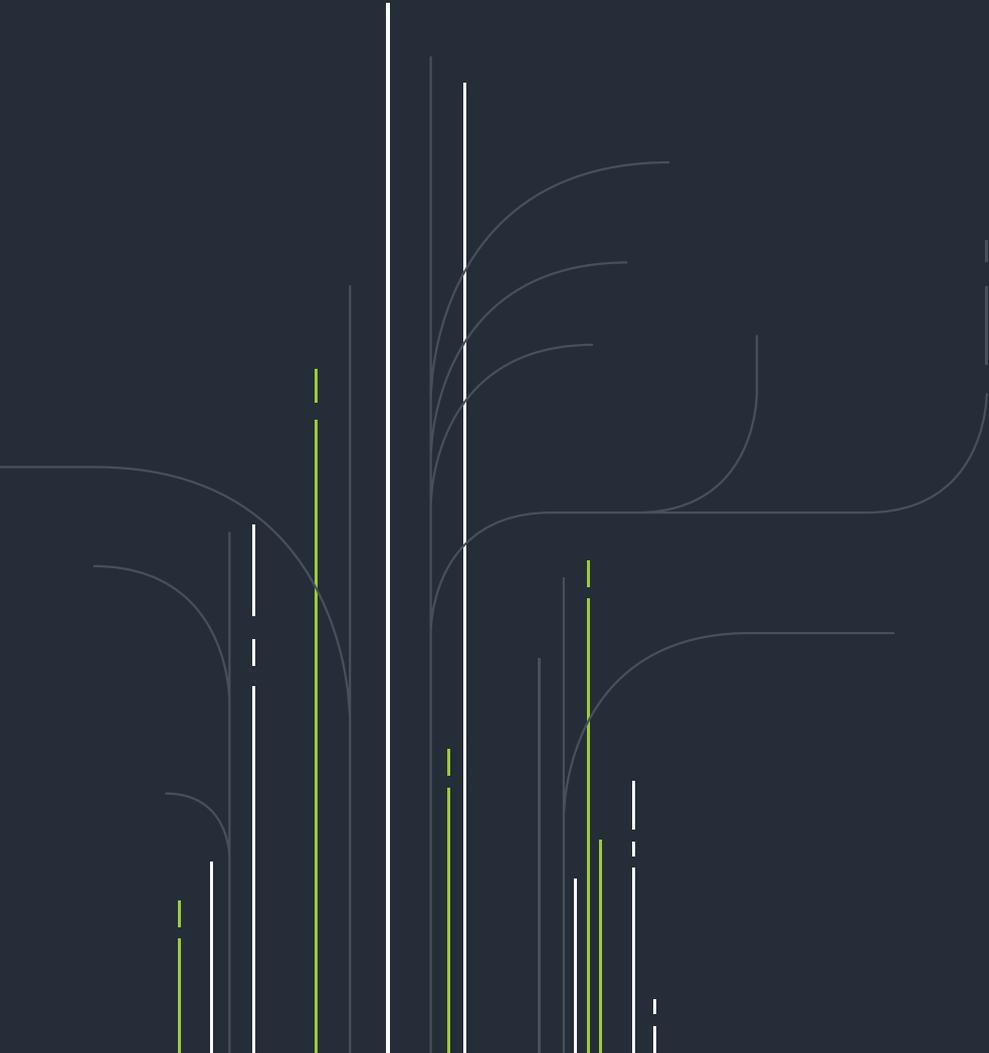CARSEE

Track the Future

The CarSee system is expedient for tracking and storing data about motorbikes, cars, trucks, trailers and machinery.
The software's geo-information apps offer solutions for route planning and administration. The route planner app makes it possible to plan several stops between destinations.
Vehicles can be grouped into fleets according to dispatchers.

About the System

The registration system generates reports and summaries.
This information supports the strategic decision-making for running and managing your fleet.

Our system can send online email notifications about the important events to the centre. This includes the changes of the position of vehicles at any given time and various security options such as opening the freight compartment before reaching the destination. Such notifications are transmitted in real-time.

The interactive interfaces designed with long hours of research work enable the quick, accurate, and transparent management from any device with Internet connection –
Windows, OS-X, Android, iOS and Windows Phone platforms are supported. Our future plans also include the support of the Microsoft Hololens platform.

Save Significant Costs

- Saves administration work, time, energy and money – get your reports with just a click in a few seconds

- Daily, weekly, monthly closings even retrospectively for several years

- Working time summary

- Reducing fuel expenses

- Reducing costs deriving from the inappropriate driving habits of the drivers

- Reducing the financing of non-work related journeys

- Prevention and detection of fuel theft

- Separation of company and private journeys

- Cutting back on fleet operation costs (electronic journey logs, integration, costs are automatically assigned to cost centres, job numbering, reducing office work, transparent, real-time graphs, statistics, filtering, reports)

- Urban fuel consumption can be halved

- The principal or client can track the position of the cargo and the transport vehicle

Changing the world with each line of code

Management Decision Support

When operating your fleet, you have to make decisions every day to improve the competitiveness and productivity of your company. This is supported by our statistical analyses, through which you can get a clear picture of whether the consumption or technical status of your vehicles deviates from the expected values. Reports are also useful when you need to assess the effectiveness of your staff. Economical driving, overload and the frequency of speeding can all be important indicators during the risk analysis.

About Ennosol

Ennosol Technology Plc. was founded in September 2014 with the goal to surpass the existing domestic and international vehicle tracking systems in terms of functionality using state-of- the-art technological innovations and to take the leading position in this segment.

CarSee was designed by our team armed with outstanding professional background. Our goal is to save time and money for our partners so that they can rapidly, accurately and cost-efficiently operate even their biggest fleets. For this we provide more optimized and faster route planning, more accurate data service and more simple manageability.

Our mission statement -"Changing the world with each line of code."

We view CarSee in the same spirit. We do not only offer software, but also a commitment where the result is manifested in tangible cost effective and transparent operations for you. We provide you a solution guided by mutual cooperation.

Where finally you have the control over your fleet!

Brand New Software Architecture

Easy to Use, Multiplatform

We have gained a great deal of experience about the most important problems of potential users concerning the already available systems. We planned CarSee by taking these problems into consideration. With the help of the system, we can actively and efficiently protect our partners from costs incurred due to human errors.

Vehicle Tracking

Our vehicle tracking system in cooperation with our GPS tracking hardware can accurately report and indicate the exact position and address of your vehicles at each moment. Moreover, the system can also detect when a vehicle has reached its destination and taking the insurance conditions into consideration we can also describe the driver's driving habits, based on which we can prepare optional forecasts – for instance for the consumption of the vehicle. For vehicles it could be an important aspect that our solution can transmit events and alarms in certain situations. Such event can be for example the opening of the freight compartment, arrival at the destination, or any vehicle malfunctions that are also recognised by the on-board computer itself. The alarms can be sent by email or through system messages to the dispatcher giving you a significant chance to avoid a potential incident.

Route Planning

Throughout the engineering of the system our developers laid special emphasis on the route planning algorithm of CarSee. The function can carry out uniquely fast route planning for fleets of very large size. The time needed to find the best route is measured in seconds. This is based on an algorithm that is the result of the research carried out by our specialists having several decades of experience and it is rooted in artificial intelligence research and the architecture of cloud systems. The research findings constitute significant intellectual capital for our company.

The Capabilities of CarSee

CarSee Lives in the Cloud

What does this mean? Practically 99.99% readiness for you. It means rapid access regardless of the size of the fleet you connect to our system as managing large fleets is exactly our strength. All this is based on the load capacity of our systems that are designed in a distributed way.

In 2015 the Canadian Packt Publishing asked our CEO to provide the professional revision for their new book on this topic. We can participate in the international competition if we can provide reliably rapid and secure services to all prospects in all continents. Within Europe CarSee has server centres in Ireland and in Germany. Our accessibility speed outperforms the potential of centres in Hungary and the security of our data is guaranteed by continuous backup and multipoint duplication.

We have practically eliminated the possibility of data loss with the most advanced technological solutions of our times. Our partner for data retention is the world-famous Amazon.com, Inc. You data are watched over by specially trained security guards and closed systems with multi-factor authentication. Their annual SOC audits, the ISO 27001, Level 1 PCI and DSS certifications guarantee the most secure services available today. Our professionals are continuously in contact with the developers of Amazon Web Services.

Environmental Protection

The trend of the future is the conscious reduction of CO_2 emissions. With its cost efficiency CarSee helps you to reduce the emissions of your vehicles. By selecting the right criteria, the system can resolve the tasks with reduced total fuel consumption.

Ennosol Technology Plc is also committed to the reduction of CO_2 emissions, therefore in the development of the route planning software special attention was devoted to the module for planning routes based on fuel economy.

Hardware

Our Tracking Devices

Our hardware manufacturing partners with a global leading position provide the most modern GPS/GLONASS tracking devices to be installed in the vehicles. Out capacity and expertise enables the rapid and accurate installation for fleets with a large number of vehicles.

The devices provide the most complex vehicle surveillance and control solutions. They are capable of gathering vehicle status information with the help of which our system can instantly register vehicles events centrally and suggest solutions for the dispatcher. The battery built into the on-board devices enables the devices to send data independently for as long as 48 hours, thus ensuring the protection of the vehicle and continuous data provision. It sends reports on vehicle diagnostics, signal malfunctions and communication failures. With the help of our suppliers it is possible to introduce unique hardware solutions, defences and monitoring.

Contact us:

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ennosol

Highlighted features of CarSee

Fleet Management:

Arranging vehicles into multiple level fleets, classification into various groups within fleets and options for establishing different user rights for each arrangement level.

Advantageous for holdings, company groups, or any businesses requiring multiple level user rights. (MLM, leasing companies, multinational companies, companies managing a lot of subcontractors)

Important locations to be categorized:

The locations and partners can be entered and categorized by characteristics and can be grouped into categories. Accordingly the important locations are displayed on the maps and lists with filter options.

For instance trade companies can categorize their partners, shipping companies can differentiate and filter locations: e.g. receiving sites, fuel stations etc.

The functions efficiently support visual planning.

Animation Interface

The display of large volume data in the map is facilitated by animations and diagrams to ensure easy and clear readability. For example, replayable routes, simple grouped views.

Distributed load

Quick access to information is facilitated by the distributed load data storage system. The cloud technology ensures maximum security, speed and reliability.

Statistics

Quick generation of multiple level statistics for selectable periods from summaries by fleet and vehicle to the reporting level.

Comprehensive management decision support system, which ensures managers from the top level aggregated data down to the deepest reporting level the one-click access to accurate and relevant data, which are not available at all in other systems, or require a lot of manual work.