

Mobilisis Fleet

Mobile system platform



MOBILISIS[®]





Krešimir Meštrić

Chairman of the Board of Directors

Business success of the company Mobilis Ltd. begins in 2005 and it was based on satisfaction and meeting expectations of our customers, owners, employees, suppliers and business partners, community in which we operate in the field of flexible product and application development with their application in the most demanding business processes and with special emphasis on innovation, sustainable development, investment into education, quality and great care for the environment and rational use of resources and energy.

About Mobilisis

Mission and vision

Our vision is networking of various items which will create an intelligent system multiplying the effects of individual action while constantly improving the quality of our products and services.

Our mission is taking care of users, investing into our employees, cooperation with our community, taking care of the environment and intense and continual work on competitiveness and viability in demanding markets.



Company Mobilisis develops modern, innovative IT infrastructure for the management of industrial and business processes and mobile data collection and transmission.

Our products are advanced hardware and software components with high level of integration, which enable flexible use in the most demanding business processes as well as the transfer and processing of all kinds of information in processes essential for real time consideration.

Mobilisis is developing the segment of specialised electronic equipment with a significant share of innovations, designing and development intended primarily for M2M (Machine-to-Machine) market.

The key component of our competitive advantage is our own product development that allows for maximum customization to suit specific customer needs.

Our team of leading experts produces hardware and software for all our products. We have our own installation team and customer service. Customer satisfaction is our top priority. Therefore, we want to be there for our customers every step of the way.

Further intensive investments into the quality and development send a strong message to our buyers. This message is a message of stability, security and quality. We offer full range of services consisting of estimation process, transfer, storage and data presentation via Internet.



ADVANTAGES

Development of our own hardware and software

24/7 support

System customizable to clients' needs

Overview and analysis of the work of a driver and the vehicle

Automatic creation of travel invoice

Automatic input and overview of costs and its analysis

Instant invoicing to clients by WiTa device Complete administration of work processes in the fleet management system

Mobilisis platform

Mobilisis system

Mobilisis system has a wide application. It is primarily intended for companies owning fleet vehicles.

Mobilisis system is more than real-time vehicle monitoring. This is an intelligent system for control, optimisation, monitoring and administration of fleet vehicles speaking your language. Speed up your business, discover critical points in your business and eliminate them with the help of Mobilisis system.

Mobilisis system is high-tech IT infrastructure, fully Croatian product, and it is an internationally recognized brand in the field of IT technologies and data transfer. Our products are carefully designed hardware and software components that enable flexible use in the most demanding business processes.

Mobilisis is a unique platform combining various technologies: positioning, telemetry, wireless communication, navigation and digital maps, business information processing and work organization.

It is intended for remote control, monitoring, vehicle tracking, work time control, access control, facilities surveillance and remote measurement. Mobilisis platform is essentially pre-defined and then further adjusted to the needs of our users. The number of new functionalities, based on the requirements and needs of our customers, is constantly growing. Mobilisis platform is using many applications which require devices to be online.

Our services include all stages of implementation and performance processes including business requirements definition, development of functional specifications in collaboration with the customer, system design, development of hardware and software based on client's needs, installation and customer support.

We are the first company in Croatia to provide innovative application for fleet management via Internet and Google maps, thereby providing the product which is widely available via Internet and constantly updated with new possibilities.

All necessary data on the fleet are also available on mobile phones, which is another way of monitoring the status of your fleet even when you are not in the office.





MOBILISIS®

POSSIBILITIES OF FLEET MANAGEMENT

Vehicle tracking

Reports

Driver identification

Rules set by the business – sending alarm notifications by text messages and emails

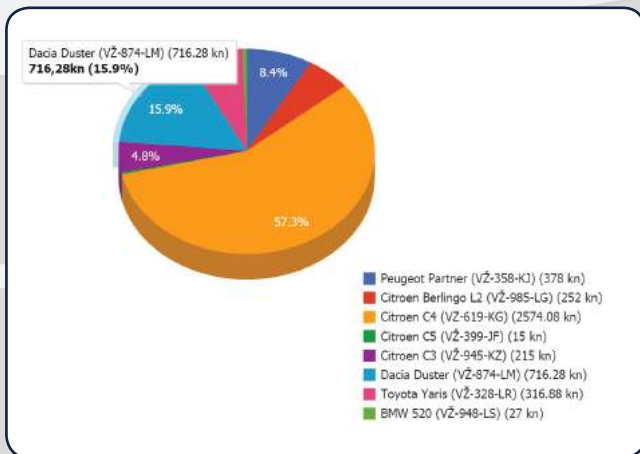
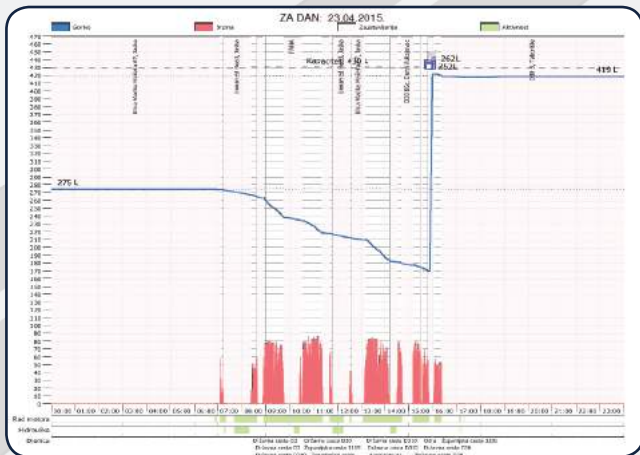
Work orders

Travel invoices

Data available on mobile phones and tablets

Fleet management

Unique characteristic of Mobilisis system lies in the fact that it does not require any softwares, maps or special configuration. This means you can see the position of all your vehicles in real time, anytime, on any computer or mobile phone connected to Internet by simply logging into our website using your user name and password.



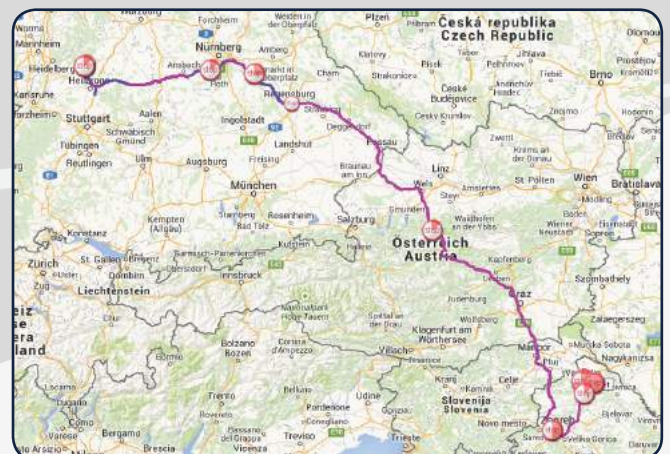
Web portal is accessible from every web browser. With the help of various modules, the user gets insight into his/her own fleet regardless of whether it is a small company fleet or big transport company fleet with several hundred vehicles.

In Mobilisis system one can set up access rights only for data necessary for job performance.

Different levels of access involve limitations regarding the set of vehicles that a user can see in the application and the set of operations that a user can perform in the system.

The user can import or export data. The system is also used for tracking the vehicles, costs, travel orders, organization of work, communication between the driver and the dispatcher, managing user and POI databases, managing service and vehicle registration/ insurance intervals etc.

The system is flexible and can be adjusted to specific needs of the user.





ADVANTAGES

Fleet management system is located on a highly accessible infrastructure with daily tracking and maintenance (HT data centre)

Connecting business processes of all departments

Modular fleet management system with the possibility of later upgrades

Real-time tracking with the possibility of downloading actual kilometres displayed on vehicle's dial

Real-time tracking of towed vehicles with data demonstrating whether the goods are within the required temperature regime

Various reports on vehicles: vehicle's operation, temperature regime, driver's work time and fuel (filled in, consumed, average consumption), locations, rides abroad, data on vehicles and trailers.

Using the communication device (WiTa tablet) with Mobilis Fleet application enabling collaboration between the driver and dispatcher, tracking towed vehicles, temperature regime and travel costs with the possibility of making photos and sending documents or some other situations.

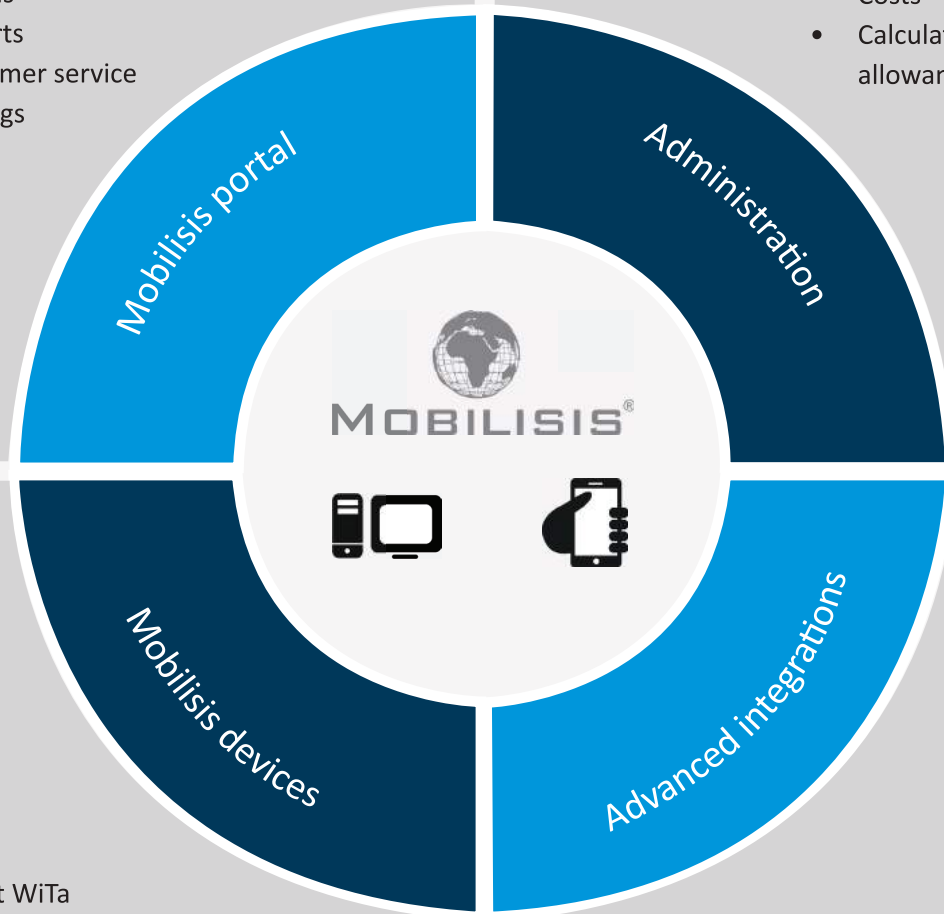
Travel cost input via automatic importers together with their analysis and statistics.

Business processes and cost control

- Messages
- Tracking
- Locations
- Calendar
- Alarms
- Reports
- Customer service
- Settings



- Orders
- Work orders
- Reports
- Travel invoices
- Costs
- Calculations of daily allowances



- WiGo
- Tablet WiTa
- MagSense
- Fuel probe
- CAN-FMS
- Sensorics
- Alarms



- API
- B2B
- SAP & ERP integrations
- Web services



WiGo

Due to a large number of various sensors and devices necessary during fleet management system installation, a unique device has been developed to meet all the requirements. Various sensors and devices communicate through various protocols and Mobilisis WiGo contains a series of communication interfaces. The basic function of Mobilisis WiGo device is to collect all essential data and write them in the memory. After that, it sends them to a defined server. Collected data are afterwards presented to users via user interface.

Characteristics

- Orientation – internal accelerometer, magnetometer
- State of the vehicle (contact, engine operation, hydraulics operation) – digital inputs
- Working mode (alternator, tachograph, pump) – frequent inputs
- Impulse counter (tachograph, flowmeters) – frequent inputs
- Various analogue sensors (temperature, pressure, level, distance...) – analogue inputs
- Devices with user interface (PND, PDA, mobile phone) – TTL, USB
- MagSense orientation sensor for movable parts operation detection, cranes, doors etc. – CAN
- Probe for fuel measurement and other industrial sensors – RS485
- Vehicle's FMS bus (Squarell, CanGo) – RS232, CAN
- Vehicle's OBD bus – CAN, K-line
- Digital tachograph reading – K-line
- 1-wire sensors (temperature, moisture) – 1Wire
- User identification (iButton, RFID) – 1Wire, RS485
- Warning (siren, buzzer, light signalisation) – digital outputs
- Printing on a printer – RS232

Mobilisis devices



WiTa Tablet

Mobilisis Tablet is the device representing the most powerful and flexible system for fleet management, control and administration. Tablet device has a specially adapted interface developed by Mobilisis engineers which can be used only with Mobilisis Tablet Fleet App. Mobilisis Tablet Fleet is a system for collaboration, optimisation, surveillance and administration of vehicles and drivers. Mobilisis Tablet Fleet App was developed for the optimisation of transport and distributing processes, keeping demanding records of the fleet, reduction of business costs with complete driver's control.



Probe

Fuel is a major item in every company's cost structure. Therefore, it requires adequate supervision and control. We developed very good-quality solution by installing a measuring probe into vehicle's fuel tank, with a tolerance of up to $\pm 3\%$. Our users' experience in terms of fuel consumption savings ranges from 5% to as much as 30%. Sudden reduction of fuel level, filling and taking off fuel is recorded on the list of events and graphs from which a user can clearly read the time and the place of the occurrence as well as the change in fuel quantity. By monitoring the fuel level, we can detect the fuel level before filling, the level of filled-in fuel, the fuel level to maximum capacity, fuel consumption during operation, fuel consumption at a standstill, fuel consumption in 100 km. We can also detect and send alarm notifications to users in case of a sudden drop in fuel level.

MagSense

MagSense enables the surveillance of stationary and moving traffic. It also enables counting as well as the surveillance of individual parking spaces availability. It can easily be integrated into existing IT infrastructures, e.g. parking machines. It is an intelligent system for error elimination and it guarantees minimum maintenance costs. MagSense can also be used as a magnetic sensor for the surveillance and detection of open doors, temperature surveillance, and various machines' work processes surveillance.



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