

# Logistics Operations System

Information systems developed by our company for management and operations needs provide users with optimum tools for comprehensive management and control of different levels and logistic processes. Systems are based on the collection of the necessary data in real time, their analysis and processing to presentation and archiving.

The systems accept and evaluate various data such as device operating status, location of persons and vehicles, online traffic information, information from users of the system, dispatchers, and information from the drivers via interactive console. This information is immediately processed and interpreted by an interactive way to the users.



## System for Monitoring of Persons and Vehicles

A comprehensive tool for fleet management. The system consists of vehicle unit installed in each vehicle, the console for communication of the driver, dispatch center as well as managerial, economic and administration interface.

## System for Medical Transport Service

Information system Medical Transport Service (IS DZS) is aimed at a comprehensive solution for information processing for the needs of medical transport service. Information system provides processing of input information from the customer, implementation of patient transport, and processing of outgoing documents for insurance and statistical data.

## Fleet Management System

The aim is to offer clients operating large fleets a tool for its easy and effective management. The system consists of individual modules that are integrated into a single information system.

## SW CommandControl

The product is aimed at a comprehensive solution to the coordination of rescue and intervention units. We have built a unique operations coordination center (KOS), with a functional hardware and software covering the entire logic from reporting the incident to the resolution of the case.

# System for Monitoring of Persons and Vehicles

A comprehensive tool for fleet management. The system consists of vehicle unit installed in each vehicle, the console for communication of the driver, dispatch center as well as managerial, economic and administration interface.

## System Modules

Module „Vehicles and Objects on the map“

Displays the current position of objects and graphically delines their route on a map for a chosen time period.

Module „Operating parameters“

Displays current and historical information about the operating parameters over time, such as the battery status, speed, fuel level, engine speed, start of signaling device, and door opening.

Module „Areas“

Used for overview and management of areas on the map.

Module „Logbook“

Used for clear display and editing of chosen object's routes within a chosen time period.

Module „Costs“

Allows to gather information about all costs related to vehicles and their operation, and thus creates a quick, systematic and comprehensive overview. The main focus is on fuel consumption.

Module „Alarms“

Reacts on-line to situations defined by settings, such as entrance to and leaving of a defined area, speed limit overrun, fuel theft or traffic accident.

Module „Notifications and remarks“

Users are reminded of the terms defined by settings such as maintenance, service, insurance, etc by mail, SMS or directly in the application's information report.

Module „Reports“

Creating, viewing, export and printing of individual types of reports by which it's possible to monitor and analyze the operation of monitored device.

Module „Communication and Messages“

Enables communication with the driver.

Module „Planning and Transport routes“

Allows to interactively create, optimize and plan routes, stops and send the final itinerary to the driver.

Module „Settings“

Differnt user settings, e.g. automatic reports generation, drivers registry, categories, types of cargo, etc.1

# System for Medical Transport Service

Information system Medical Transport Service (IS DZS) is aimed at a comprehensive solution for information processing for the needs of medical transport service. Information system provides processing of input information from the customer, implementation of patient transport, and processing of outgoing documents for insurance and statistical data.

## System Modules

Receiving orders

Transportation of patients

Orders for transport of patient to, from, and between hospitals/medical facilities.

Transportation of goods

Orders for transport of goods between hospitals/medical facilities.

Medical examinations

Orders for medical examinations of a patient.

Dispatching

Optimal orders execution.

GIS, AVL

Display of orders, vehicles, address search on a map.

Management of resources, manpower and tools

Changes of operators, manned vehicles, change-requests, logbooks, expenses.

Cash register, Fees, Price lists

Management and recording of cash in cash register.

Master data management

Medical facilities, doctors, diagnoses, addresses, etc.

Reporting, Billing

The system offers many different reports and printouts allowing optimal operations control.

System administration

User and access rights management.

# Fleet Management System

The aim is to offer clients operating large fleets a tool for its easy and effective management. The system consists of individual modules that are integrated into a single information system.

The whole solution is aimed to achieve the following basic goals:

- Unified input and recording of events in the system
- Instant start of activity
- Complex customer's needs coverage
- Optimization and process adjustment

## System Modules

### Module „Call center“

Provides direct customer contact services. Operator always records any event that was communicated with him, in IS. Application provides overview of all calls. It is also possible to trace back all tasks and actions that were the outcome of incoming call.

- Aid over the phone
- Find nearest contracted service point
- Order for service

### Module „Dispatching“

Controls and sends out individual emergency units. Provides immediate information regarding position and status of all relevant vehicles on the map.

- Dispatching of emergency vehicle
- Towing vehicle and providing directions to the nearest service
- Control over service vehicles

### Module „Monitoring“

Provides information regarding position, status and selected vehicle parameters in real time.

- Position and display of vehicle on a map
- Reports, printouts and logbooks
- Operational expenses

### Module „Service care and operations center“

Provides graphical user interface designed for optimal and simple management and situation solving in the scope of complex fleet care. The model allows to create, edit and view all tasks related to client's operations. Every task (process) is recorded in the system and linked to individual customer and vehicle. It has a designated solution owner at all times, who is responsible for problem coverage and communication with client.

- Status board, tasks for operators
- Temporary replacement vehicles
- Service order
- Registry of servicing
- Operator notification
- Addressing insurance claims

### Module „Fleet management“

Designated for the management of organizations, fleet park, contact persons and various administrative tasks. The module offers tools for effective planning of resources and overall company operation.

- Management of vehicles and company fleet
- Management of organizations and contact persons
- Registry of service expenses
- Electronic servicing book
- Projected expenses
- Planning and estimate of reaching service limits
- Reporting, printouts
- Fuel cards

# SW Command Control

The product is aimed at a comprehensive solution to the coordination of rescue and intervention units. We have built a unique operations coordination center (KOS), with a functional hardware and software covering the entire logic from reporting the incident to the resolution of the case.

## System Modules

Module „Distribution of manpower and resources“  
Change management and management of rescue units.

Module „Manpower and resources“  
Online monitoring of individual system parts, display on a map, current status of selected parameters of manpower and resources, transmission and display of video stream directly from the vehicle.

Module „GIS maps“  
2D, 3D, POI, NAVI, AVL, NSDI, localization of a caller, address points

Module „Registration card“  
Module serves for input and editing of all types of events, automatic suggestions of individual form fields for a given event, such as phone number, name of caller, interactive connection with other modules.

Module „Status board“  
User friendly and clear registration of events and their status.

Module „Dispatcher's communication console“  
Provides receiving of calls, operation of radio communication, allows communication via all communication channels.

Module „Integration of voice interfaces“  
Integration of all communication channels, presetting of communication groups and rules, support for recording, logging and indexing of communication, control over distant communication interfaces, integration of voice, statuses and status information.

Module „Call center application“  
Communication with phone switchboard, conference calls, automatic call transfers, linking of calls to recorded events.