

advanced route optimisation

# MINIMISE **TRANSPORT** COSTS

**UP TO** 



LOWE FLEET **MAINTENANCE COSTS** 



Rzeczpospolita Polska



Unia Europejska Europejski Fundusz Rozwoju Regionalnego



## **ROUTE OPTIMISATION**

With the right route optimisation tool you can save from 12% up to 35% of your transport and planning costs. Route optimisation takes into account all the key parameters, such as time windows, vehicle load capacity and driver working time. In addition to the financial results, optimisation ensures greater employee efficiency, increased quality and on-time deliveries.

#### **BENEFITS**

- savings of up to 35% on fuel and numbers of vehicles
- 20% more efficiency
- instant planning
- precise route costs known in advance
- optimised route with ETA on the driver's phone

### **OUR PRODUCTS**

**READY-TO-USE SOLUTIONS** 

#### MAPGO

SaaS type web application for optimising travel routes.

The basic task of the application is advanced optimisation of the route point order and assigning routes to available drivers, taking into account: drivers' working hours, time windows and vehicle load capacity.

More information at: mapgo.co.uk

#### **VRP API**

The API provides efficient and advanced optimisation choices.

INTEGRATION SOLUTIONS

#### MAPCENTER

A map server for simple optimisation variants and full integration with your software.

## **MAPS, GEOMARKETING**

In marketing terms, a map is an important tool for the customer. On its basis it is possible to build systems that allow the visualisation and analysis of spatial data. This aids in making strategic business decisions, comparing sales in different regions or choosing the right tools and promotion channels for target areas and groups.

### **OUR PRODUCTS**

MAPINFO

READY-TO-USE SOLUTIONS

#### **EMAPA GEOMARKETING**

A GIS class program for the creation and managing of maps and for geomarketing analyses. Desktop software, one-year or lifetime licence

A desktop program for spatial information management. Lifetime licence.

## **SERVICES**

Emapa offers a range of services facilitating work with maps or databases. Depending on the needs, such services can be provided on a one-time or cyclical basis.

#### SERVICES OFFERED

**GEOCODING OF ADDRESS DATA** Assignment of geographic coordi-

#### **TURN-KEY OPTIMISATION** PROJECTS

nates to an address database with different levels of detail.

Operations on large databases, inc-

## needs and preferences.

#### DATABASE CLEANING

luding: cleaning incorrect addresses, sorting data by category, removing duplicates, unifying data, etc.

### customer problems, e.g. selection of an appropriate warehouse location.

## **FOR DEVELOPERS**

All the solutions described above are available in the form of APIs enabling the creation of a system dedicated to the customer, taking into account their individual preferences. Emapa solutions can be integrated into such systems as TMS, ERP, CRM, SAP and Microsoft Dynamics.

## **DETERMINING ROUTES, CALCULATING COSTS**

Transport is an area that generates huge costs for companies. However, there are tools that consider these costs in relation to routes and journey plans, ensuring control in terms of transport, distribution and sales. Emapa has developed several solutions of this type.

#### BENEFITS

- easy and precise route planning for trucks, vans and cars
- comprehensive calculation of route costs, including tolls, throughout Europe
- access to an up-to-date map and database of road restrictions

### **OUR PRODUCTS**

READY-TO-USE SOLUTIONS

#### **EMAPA WEB ROUTER**

A web application for mapping routes and calculating their costs for different vehicle types.

More at: webrouter.emapa.pl



**EMAPA TRANSPORT+** A programme for determining and managing routes for parametrised vehicles of any type. This is a desktop program with a lifetime licence, ava-

ilable with a map of Poland or Europe.

and the second MAPCENTER A map server to allow full integra-

### tion of the route calculation tool with your software.

EMAPI An API for map display, searching and adding objects, as well as route calculation.

INTEGRATION SOLUTIONS

#### **BENEFITS**

- access to knowledge about the location of customers and competitors
- effective regionalisation of sales
- quick data aggregation (e.g. sales) according to the • region and visualisation on a map
- facilitation of decision-making in relation to a new warehouse or branch location
- appropriate adjustment of advertising for a target • area and group

### **EMAPA SALES ANALYSIS**

A SaaS type solution for spatial analyses on the customer's sales data and presentation of the results in the form of tables or cartograms. The solution can be tailored to specific customer needs.

INTEGRATION SOLUTIONS

Solving of individual optimisation problems depending on customer's

#### Creation of any software meeting the customer's needs.

SOFTWARE PRODUCTION

#### **GIS AND TRANSPORT ANALYSES**

Map-based analysis of individual

#### TRAINING AND CONSULTATIONS ON THE USE OF GIS SOFTWARE



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