



Transportation Management

PSItms - Smart Routing Services

Intelligent, proactive route planning for your logistics processes

Reliably determine the best possible route for your tours based on experiential algorithms and artificial intelligence. Our Smart Routing Service applicable for industrial use is designed specifically to meet the requirements of logistics and industry, delivering highly accurate routing results while considering your configurations.

Functions

- + Routing for all vehicle classes
- + Exact ETA calculation (estimated time of arrival)
- + Geographic information system and maps
- + Real-time traffic information
- + Information on road works
- + Speed profiles based on forecast data
- + Web & cloud solution

What can PSItms Smart Routing Service accomplish that another service (e.g., Google Maps) can't?

We consider your regional driver and dispatcher knowledge in our daily route planning. Whether special permits, permitted shortcuts, etc. – all information relevant to your drivers is stored in the system and considered for each new route planning. As a result, individual knowledge is transformed into swarm intelligence.

The knowledge of individual drivers or dispatchers is no longer lost when they are absent or sick, or when they leave the company. Even new or temporary drivers will quickly find their way around all routes. Our Smart Routing Service considers all available information about the source and destination, your vehicle fleet and navigation.

Facts

- + Full support for route planning algorithms at API level
- + PSI geodata service for updates and configuration
- + Powerful matrix calculation
- + Multi-cloud and on-premises implementations
- + Transfer of data via interface to upstream/downstream systems such as TMS, route planning, etc.

Your benefits

- + Fast and high-quality routing results
- + Reduced fuel consumption and emissions through shorter distances and optimized vehicle use
- + Increased service quality through accurate calculation of estimated time of arrival
- + Dispatcher knowledge is directly applied to routing