

Qguar TMS

Transport Management System

Contains



ADR



Logistic settlements



Interface configuration



Visual indicators



Notifications



Ready for

TMS Mobile

System advantages

- reduced logistics costs
- increased productivity
- optimisation of transportation processes
- accurate accounting and cost control
- ADR support
- batch and load units tracking
- monitoring of transport-related events
- modern logistics and IT techniques
- visual indicators
- improved customer service quality
- operation in enterprises of any type

Functional scope

The system offers the following functions:

- management of dispatch orders
- creating and planning of routes
- support of non-typical forwarding events
- possibility to work with various mobile devices
- transportation service settlements
- settlement time windows
- ADR support
- service contracts for transport tasks
- user-defined price lists of transportation services
- user-defined settlement algorithms for services
- statistics and analyses

Qguar TMS is another product of Quantum which supports the planning, monitoring and settlement of transport processes. Optimum route planning, haulage combining, reloading, and many other functions make this module a powerful tool designed not only for dispatchers. Batch tracking within a distribution chain and expanded possibilities of accounting for the transportation process constitute only the basic abilities of the system. Apart from a set of functions dedicated to this specific industry, the strength of this module is based on its close interrelation with other Qguar modules, in particular with Qguar WMS (or another module of the same class). Qguar TMS is equipped with built-in modules for management of hazardous goods and settlement of logistic operations. The standard TMS Pro version also includes visual indicators, an event notification system, and a configurator of interfaces with third party systems. It is now difficult to separate transportation services from storage and reloading services, regular shipment planning in connection with current warehouse stocks, interdependence of other supply chain participants, or individual customer demands that usually appear unexpectedly at the last moment and often disorganise the detailed operation plan.



Use

Qguar TMS is a tool dedicated to a wide range of enterprises dealing in any kind of car transportation management. It concerns the companies providing only transportation services, companies providing comprehensive logistic services, distribution and commercial companies, as well as other enterprises that utilise their own or external transportation means.

Overview of basic system features



Dispatch orders



Cost estimate



Accounting services



Hubs



Task monitoring



ADR support



Means of transport



Settlement of operating costs



Settlement of carriers



Manual and automatic route planning



Route monitoring



Cost analysis



Route correctness tests



Map



ADR

Examples of TMS screens

The screenshot shows the 'Route planning' interface. On the left, there's a list of transport orders with columns for Order no., Route, Date, and Status. The main area displays a 'Results of automatic planning' summary, including planning data (Date from/to, Number of transports: 33), details of transports planning (Planned: 11, Not planned: 22), and details of planned routes (Number of planned routes: 5, Route's length (km): 2916.08). It also shows the usage of transport means (Weight: 36%, Capacity: 70%, Load units locations: 121.7%) and a table of route details.

The screenshot shows the 'Enmap' interface. It features a map of Poland with a search overlay for location details (Country: Polska, Province, District, City, Street, House number, Post code). Below the map is a table of route details with columns for Route no., Partner, Carrier no., Dock no., Vehicle Registration, Means of transport name, Driver, Source location, Target loc., PK loading date, PK departure date, PK dist (km), Route status, Auction, and Auction's status. The table shows routes to destinations like Cracow Quant and MAKRO Warszawa.

