

Transport Management Tool for RWE Rhein-Ruhr Netzservice



RWE Rhein-Ruhr AG is Germany's largest regional energy supplier. Apart from distributing electricity, gas and water, RWE also provides its customers (including municipal utilities and big industrial clients) with numerous related services such as freight transport to building sites, transformer stations, warehouses, or other facilities.

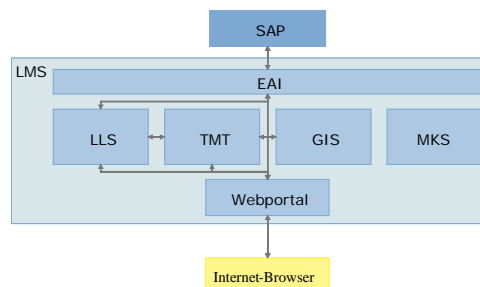
The Task

In 2003, RWE Rhein-Ruhr Netzservice took the decision to merge its transport applications into a single transport management tool (TMT) and integrate this into a logistics management platform (LMS), in which, along with the TMT, the warehouse management system (LLS),

the GIS server, the mobile communications server (MKS) and a web portal all communicate with each other and with SAP via an EAI.

With the implementation of an LMS, RWE is pursuing the following goals:

- Logistics processes without different media formats
- Shared data storage for all the systems components
- Enhanced response times
- Early information provision for transport dispatching



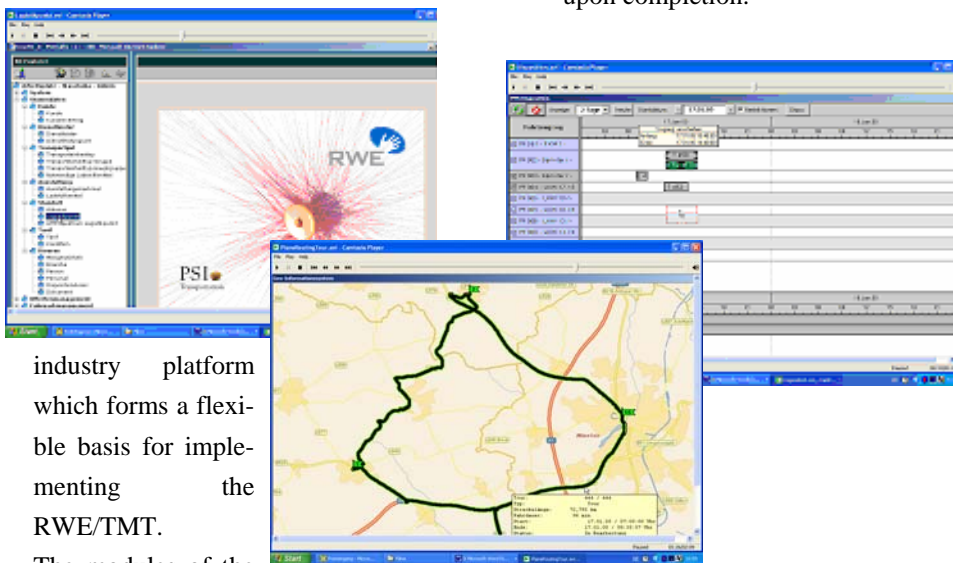
To implement this plan, an IT system is required to support the core processes of transport management. These are:

- Adoption of transport orders from the LLS or web portal
- Automatic route planning and manual dispatching
- Possibility of dispatcher intervention during tour
- Determination of the transport costs (actual and planned) for billing

The Solution

PSI has designed an IT concept which implements the requirements described above with a transport management system. The concept is based on a powerful

The order and quotation management module supports the transfer of transport orders from the web portal and the warehouse management system as well as the process of making quotations starting from the customer enquiry through service offers to the transport order. In transport management, the transport orders are planned by means of generating transport chains for optimum round-trip routes. Different types of tours include direct journeys, one-off tours, fixed-route tours, main-route tours and routing tours. Using the automatic route planning, the dispatcher can further optimize the tours interactively. When the tours have been approved, they can be monitored and settled with the forwarding companies upon completion.



industry platform which forms a flexible basis for implementing the RWE/TMT.

The modules of the system are:

- Information management
- Order management
- Transport management
- Transport processing
- Transport invoicing

PSI Logistics GmbH
 Dircksenstraße 42-44
 D-10178 Berlin
 phone +49 / 30 / 28 01-28 50
 fax +49 / 30 / 28 01-28 51
 www.psilogistics.com
 info@psilogistics.com

