Planning & Management Software

Petrosoft.pl

RAILSoft – A Railway ERP Platform

RAILSoft is a railway ERP class platform having over 60 modules for comprehensive management of a railway enterprise (small, medium and large companies) available in various language versions. New software versions are delivered to the system (as part of the maintenance service), which introduce updates to changes in regulations and new functionalities in the field of purchased / subscribed software modules.

RAILSoft has been created by a team of Petrosoft.pl experts, ensuring work optimisation in the full range of railway processes. The system was built on the basis of over 22 years of experience and the expectations of our clients, and has been constantly developed for the last 14 years in the light of the latest requirements posed by the railway market. A team of several dozen analysts, architects and programmers are working to ensure that RAILSoft always offers the most up-to-date solutions in the field of planning, implementation, supervision and analysis of business processes: maintenance and operation of railway vehicles, maintenance

and operation of railway infrastructure, supervision of employees' competences, supervision of railway documentation, logistics and rail traffic. The system also supports reporting to railway offices and perfectly integrates with various ERP systems, GPS systems, DB Netz infrastructure, rolling stock auditor software and others. The combination of mobile technologies and IoT allows railway companies to supervise processes in the field in real time, both related to human work and the proper operation of machines, devices and vehicles.

The system collects real-time data from locomotives, wagons and railway infrastructure as well as from employees. Data collection is a very important element in the implementation of railway processes and is the basis for the optimal use of resources by a railway company. The implementation of the system eliminates the need to use additional IT tools, from Excel to other non-integrated programs. RAILSoft supports virtually all processes in a railway company: from enquiries, offers, contracts, orders, planning and dispatching, workshops, sidings, rental and leasing, settlement of costs and profitability, to issuing invoices.

The RAILSoft system has been implemented in 20 railway companies both in Poland and abroad and is aimed at:
- railway carriers
- entities in charge of maintenance
- rolling stock producers
- locomotive rental and leasing companies

- wagon rental companies
- siding managers and owners
- railway line construction and renovation companies
- infrastructure managers
- railway workshops

Petrosoft has implemented RAILSoft in over 20 different companies. One of the recent implementations was CTL Logistics.
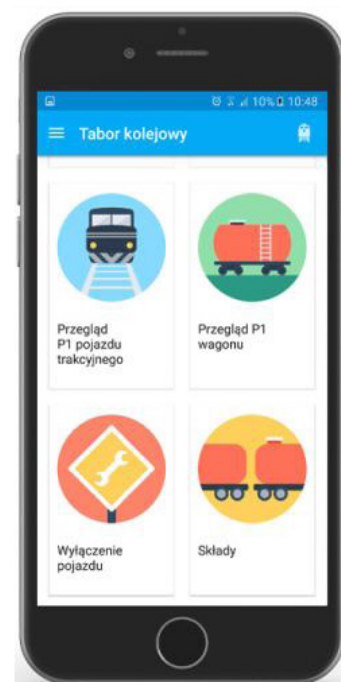
Case Study: CTL Logistics

Comprehensive implementation of RAILSoft in CTL Logistics.
Implementation period: 2019–2020
Number of modules implemented: 57

CTL Logistics Group was established in 1992. It operates in the field of logistics services, transporting goods by rail and road, including across international borders. The company's activities include: forwarding, servicing railway sidings, maintaining rolling stock, construction and maintenance of railway infrastructure, reloading services, customs consultancy and the supply of raw materials. Geographically, CTL Logistics operates in Europe. Its main clients are coal and aggregate mining enterprises, fuel companies, chemical plants, household appliance producers, FMCG logistics, energy companies, container operators and many others. Over 25 years of presence on the market shows the company as a reliable business partner, which is one of the leading freight carriers in Poland.

Business Situation before Implementing the Solution

- realisation of the main business process, which is the planning and realisation of freight transport with the use of many tools and solutions (lack of coherent solution for the complete process)
- long delays in the data transfer from the field to the headquarters due to the manual flow of information
- generating risk of errors, poor efficiency and high cost of servicing main business processes due to inconsistent

RAILSoft
BUSINESS SOLUTIONS

and non-integrated IT solutions or the lack of them
* a huge variety of transport orders and a wide range of additional services and processes (fleet maintenance, workshops, etc.), which caused significant difficulties in optimising internal processes using the current fragmented and non-integrated IT solutions

Solution

The company Petrosoft.pl Technologie Informatyczne Sp. z o.o. completed the delivery and implementation of software for managing the railway company.

The work consisted of the analysis, production, delivery, configuration and training on the system operation, taking into account the dedicated, newly created functionalities of RAILSoft Business Solutions, which allowed for even more precise improvement and integration of processes carried out in the company's business environment with the newly implemented system.

The delivered system supports and improves processes related to logistics and rail traffic, such as:

* maintenance of rolling stock
* management of employees' competences
* customer relationship management (CRM)
* planning and implementation of transport
* mobile solutions for on-ground processes
* railway safety
* financial controlling
* operational controlling

All the most important resources of the company are defined inside the software, i.e. over 150 traction vehicles and several thousand carriages, constantly serviced by 176 office users and 249 mobile users (drivers and auditors) using the RAILSoft system. The system is constantly developed, improved and maintained in accordance with the requirements of the railway regulations of Polish law and the changing conditions of the constantly developing network and server environment and the individual business needs of CTL LOGISTICS Sp. z o.o. To meet these expectations with the highest standards, Petrosoft.pl remains fully operational by providing maintenance and service support services.

Benefits:

* Improvement of the transport process in each of its elements.
* Providing information on orders to clients.
* Real-time incoming transport data.
* Minimising the time needed for the flow of information between organisational units in the company through a uniform and coherent system.
* Improving the ergonomics of work of individual organisational units of the company.
* Transparency of information on the state of implementation of individual transport services.
* Streamlining and simplifying the reporting process through the built-in reporting module and the ability to analyse data directly in the system.

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