DISPOLINO ✕

DISPOLINO

Modular fleet and personnel management system

Identifying capacity bottlenecks and optimizing resource utilization:

- Process-driven solutions for line traffic
- Dispatching solutions for in-plant traffic
- Process support for transshipment facilities
- Mapping of business processes

DISPOLINO is a comprehensive planning and scheduling tool for fleet and personnel management in rail-based freight traffic. The system is specially tailored to the requirements of railway operators, both on the open line and within industrial sites, such as railways in the coal and steel industry, as well as in the chemical industry and mining.

DISPOLINO boosts the reliability and efficiency of transport services. The modular solution permits customer-specific configuration. It optimizes the deployment of personnel, locomotives and cars and also the use of routes and the customer's own infrastructure. The system indicates whether all resources are available on time for whatever transport tasks

are involved. Conflict detection and visualization enable forward-looking dispatching and minimize any impact of disruptions on operations. The evaluation of the services performed and documented based on statistics and key performance indicators is an integral part of the software. Operating personnel can be integrated into the process via mobile terminals in an active capacity or solely for information purposes.

Based on these advanced features DISPOLINO is a specialist for dispatching solutions for rail freight transport.

For companies that also have a workshop connected, Sternico offers the software COMAP, a CMMS for commissioning and documenting maintenance measures. Via an interface it is possible to integrate COMAP into DISPOLINO.

A detailed description of the Base Module and each component can be found in our COMAP-brochure.

Facts & Features
The software features at a glance

- Easy to use due to the intuitive user interface
- Customization through modular design
- Provision of mobile data terminals
- Investment protection by use of existing infrastructure
- Scalable for any company size
- Centralized data storage
- Billing through integrated accounting system
- Data exchange via interfaces and dispolino.com
- Interfaces to Enterprise Resource Planning (ERP) systems
- Interfaces to external communications between rail traffic and rail infrastructure operators (EDIFACT, Trassenportal Netz TPN of DB AG, Xrail, prepared for TAF TSI)

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Line traffic
Demand-based execution of train movements

DISPOLINO is a powerful solution for all tasks in the planning and management of line traffic applications. When defining the transport offering, the standard timetable of the railway operating company (ROC) is taken as a basis and is complemented with information for additional, demand-based train movements. Route management takes external interfaces into account, such as the Trassenportal Netz (TPN) of DB Netz AG.

An efficient planning and scheduling of personnel and traction units is guaranteed, by way of example DISPOLINO checks, if the route knowledge and qualifications of an engine driver match the stipulated requirements. Furthermore, DISPOLINO reliably supports all processes encountered in combined transport and general traffic, as well as for block loads.

DISPOLINO enables the comprehensive management of business processes from contract to billing, both between the ROC and its service providers and between the ROC and its customers.

The actual data of the production execution is collected to form the basis for accounting modules and is provided as raw data for the billing of services.

In-plant traffic
Optimum interaction

DISPOLINO provides for seamless support for the processes of in-plant traffic. This includes the planning and management of incoming and outgoing trains, as well as of local transport services. Current track occupation is visualized by graphical track diagrams. Loading capacity and car planning are visible at a glance and dispatch decisions can be made directly on the objects.

DISPOLINO supports the ranking of waggons and waggon-unions to customer loading points. During the incoming and outgoing management of trains, a mobile data terminal can be used to detect damages.

Interfaces, especially to track scales and ERP systems such as SAP, are able to ensure that DISPOLINO is directly integrated into the rail and industrial IT infrastructure.

The solution is a perfect match for the entire management of business processes from contract to billing, both between the ROC and its service providers and between the ROC and its customers. Like in the field of line traffic the actual data of production execution is collected to form the basis for accounting modules and is provided as raw data for the billing of services.

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