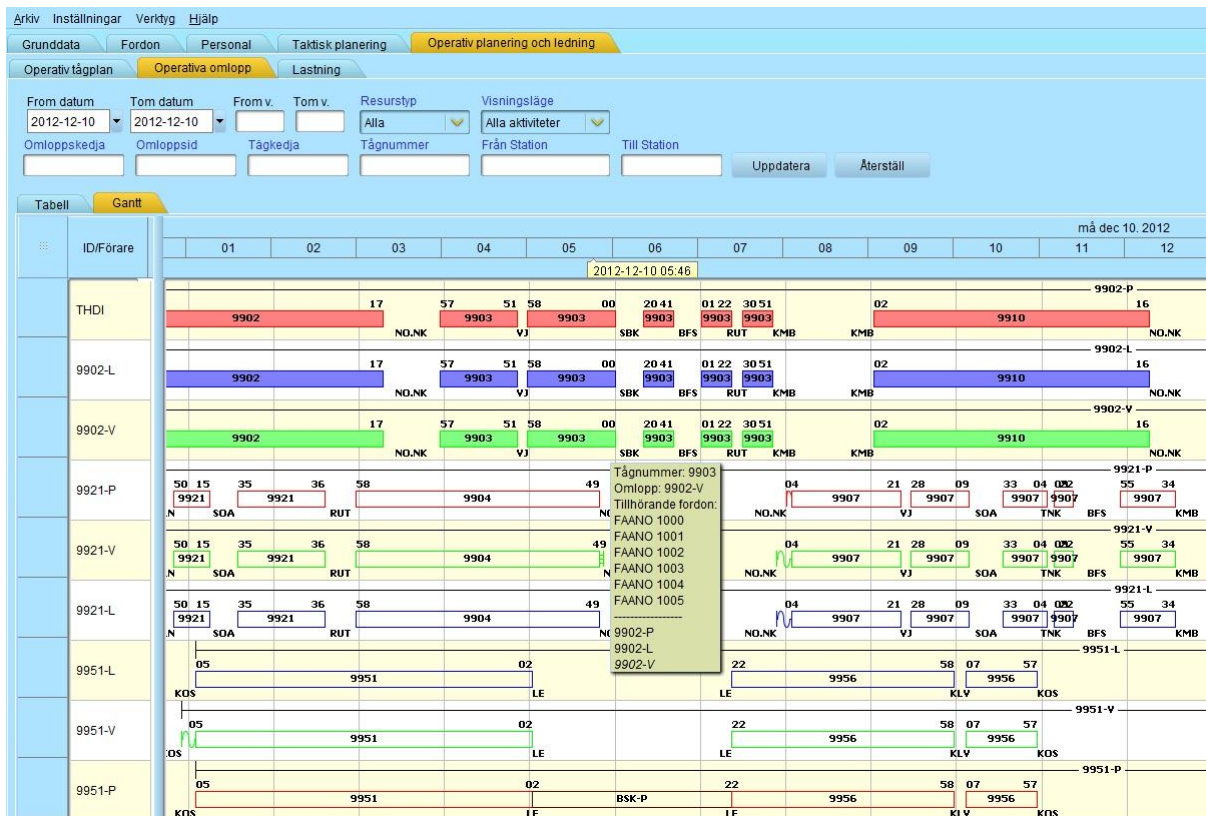


TRMS

Train Resource Management System

– tools for scheduling and management of vehicles and train crews

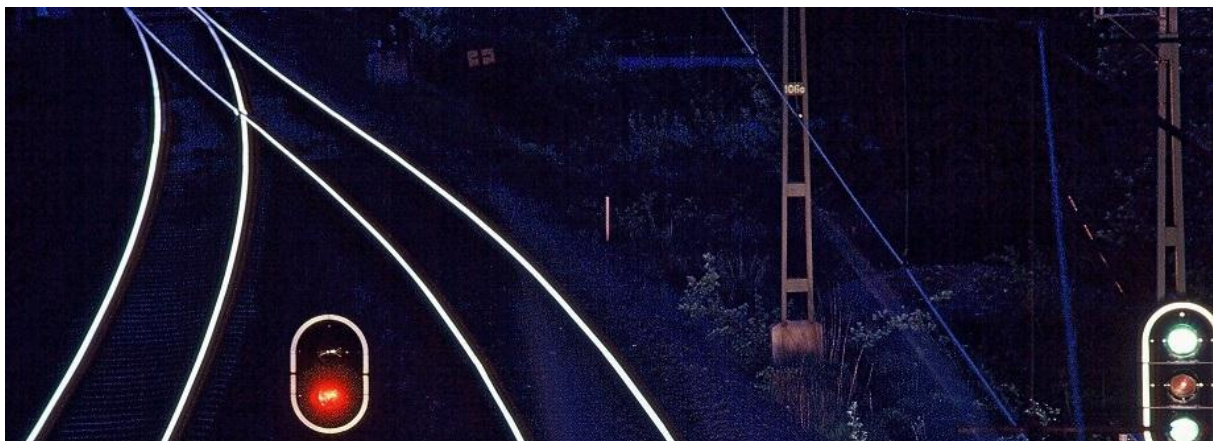


The tool **TRMS** is based on modern software technologies together with up-to-date principles of railway operation management

- A SYSTEM PRIMARILY DESIGNED FOR RESOURCE SCHEDULING AND MANAGEMENT IN THE RAILWAY-METRO-LRT SECTOR AND TAKING INTO ACCOUNT THE SPECIFIC ISSUES IN THIS SECTOR
- SCHEDULING AND MANAGEMENT OF ROLLING STOCK AND TRAIN CREWS
- GRAPHIC SYSTEM FOCUSING ON A CLEAR OVERVIEW FOR RAPID AND EFFECTIVE SOLUTIONS TO RESOURCE SCHEDULING AND MANAGEMENT PROBLEMS
- TWO BASIC VIEWS: GANT CHARTS AND TABLES
- MODERN AND WELL ESTABLISHED USER INTERFACES
- SIMPLE TO UNDERSTAND, USE AND LEARN

Valuable tool for

- OPERATORS (SCHEDULERS, FLEET MANAGERS, CREW MANAGERS)
- PUBLIC TRANSPORT AUTHORITIES
- FREIGHT SHIPPERS
- TRAFFIC AND TRANSPORT MANAGERS
- CONSULTANTS



Fleet scheduling

A TOOL TO PLAN YOUR FLEET RESOURCES FOR COST EFFECTIVE AND RELIABLE OPERATION AND MAINTENANCE, AS WELL AS FOR STAFF ACTIVITIES RELATED OR NOT TO THE ROLLING STOCK:

- necessary size of fleet and split on vehicle types
- schedules for efficient utilization
- places for stabling, servicing, maintenance
- configuration of trains and sets of vehicles within trains
- operational and maintenance budgets

Fleet management

A TOOL FOR EFFICIENT MANAGEMENT OF YOUR FLEET OF ROLLING STOCK:

- day-to-day scheduling
- monitoring of the localization of the vehicles
- monitoring and control of performance and maintenance intervals
- daily configuration of trains, vehicle lists
- operational status
- maintenance status and forecasts for necessary maintenance activities
- ordering and reporting of maintenance activities
- consequences and re-scheduling in case of traffic disruptions.

Crew scheduling

A TOOL FOR IDENTIFICATION OF NECESSARY STAFF RESOURCES AND SCHEDULING TO ACHIEVE EFFICIENT AND ATTRACTIVE UTILISATION OF THESE RESOURCES:

- long-term planning
- required number of staff at various places
- utilization of the staff
- missions and detailed actions within the missions
- working time limitations

Crew management

A TOOL FOR EFFICIENT MEDIUM- AND SHORT TERM ALLOCATION AND MANAGEMENT OF THE TRAIN STAFF ALSO CREATING WORKING TIME INPUTS TO YOUR PAYMENT SYSTEM:

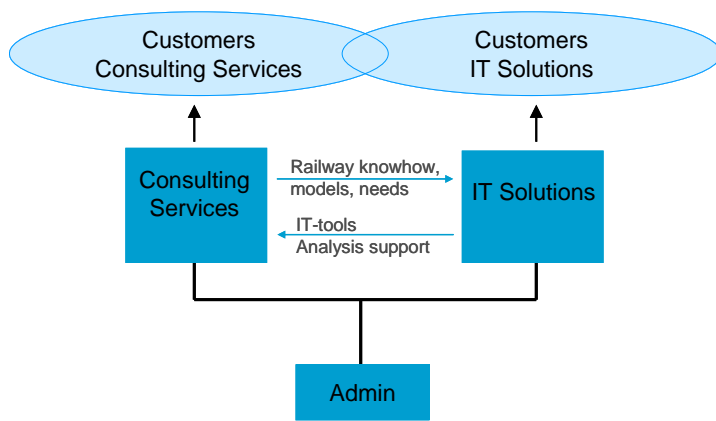
- allocation of individual crew members to the various missions
- issuing of crew schedules
- day-to-day modifications of assignments
- monitoring of staff performance
- deviations from schedules
- consequences and re-scheduling in case of traffic disruptions
- monitoring of individual time accounts
- input data to payment system
- Allocation of individual staffs into current trains

Licenses

The tools are designed to suite small, medium and large operators and traffic systems. Charges are set depending on the size of operation and the requested components. You may rent or buy your license(s). We will provide necessary support or do this together with your existing IT support service.

Transrail

Transrail Sweden AB consists of two branches in close co-operation, Transrail Consulting Services and Transrail IT Solutions. Our company is actively working in the development of efficient systems and methods for rail transports and to support the actors in this market. Our two branches of activities are important and complementary tools to achieve these targets.



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