



ROLLING STOCK ROSTERING

Optimised Use of Vehicle Resources

TPS.fleet is a tool for creating and planning rosters for vehicles. The roster defines the sequence of train runs that are carried out by certain vehicles on one or more days. All services such as maintenance and cleaning are taken into account.

The timetable is the basis for the roster creation. It determines when and where vehicles must be available. TPS.fleet generates the rosters automatically and directly from the timetable data. It determines the number of vehicles required for the operation and how these are optimally deployed in the network.

When optimising the rosters, other factors and services are also taken into account, such as operating and repair reserves, maintenance intervals, interior and exterior cleaning of the vehicles and also refuelling times. TPS.fleet supports the entire process of cyclical vehicle scheduling. The scope of the generated rosters can range from several weeks to single-day variations.

Changes in the timetable and the resulting effects are always shown in the roster.

AUTOMATIC VALIDATION

The system controls the planning data and automatically checks it for consistency:

- » Roster conflicts based on cyclical planning
- » Consideration of the time required for all necessary services
- » Complete display of all circulation days and visualisation of possible conflicts

INTEGRATED PLANNING

As part of the TPS.Suite, integrated work with timetable data is possible. If timetable changes occur, their effects on the roster are also displayed in TPS.fleet.

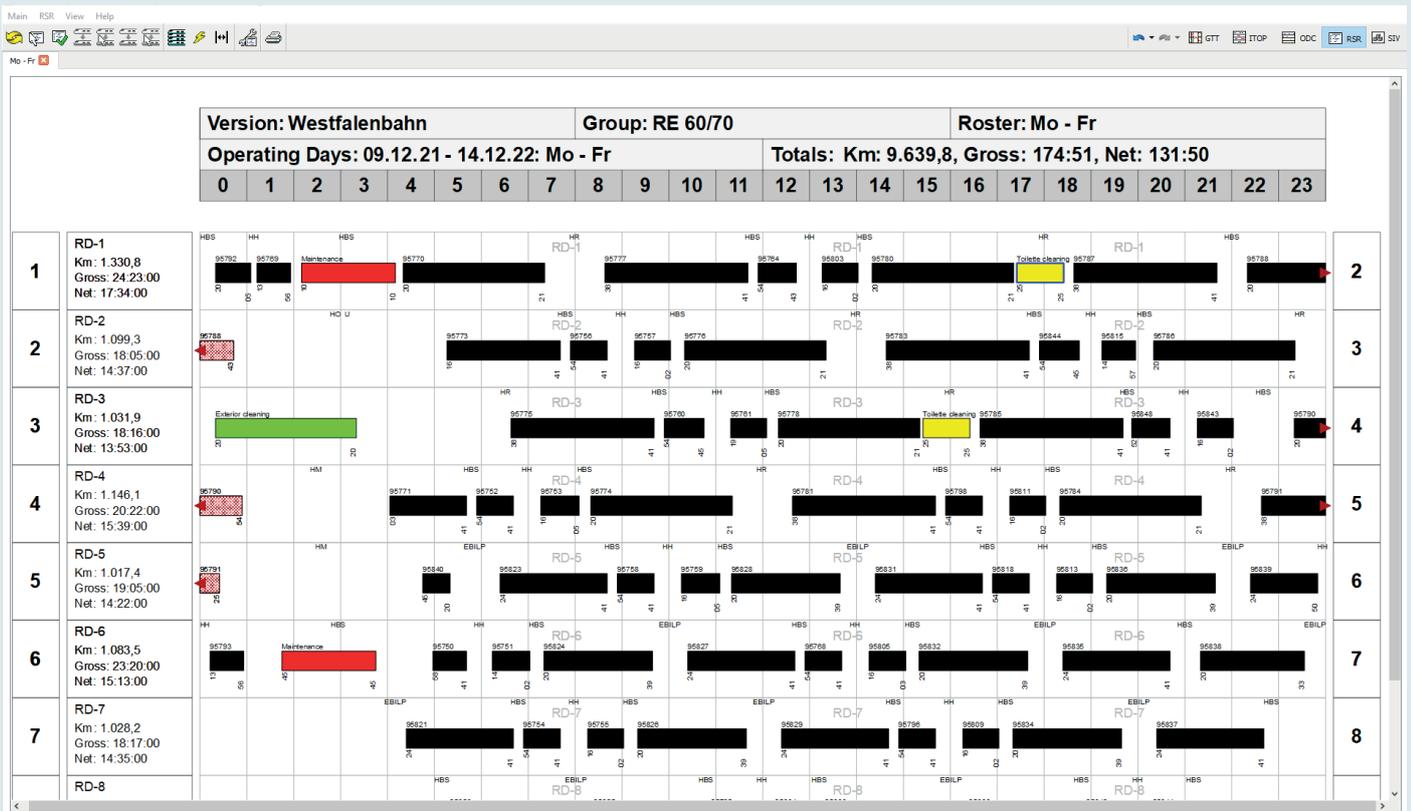
OPTIMAL ROSTER

There are different parameters to optimise a roster of traction units. TPS.fleet supports the processes and planning objectives of rail transport companies in order to create an optimal roster.

TPS.fleet at a glance

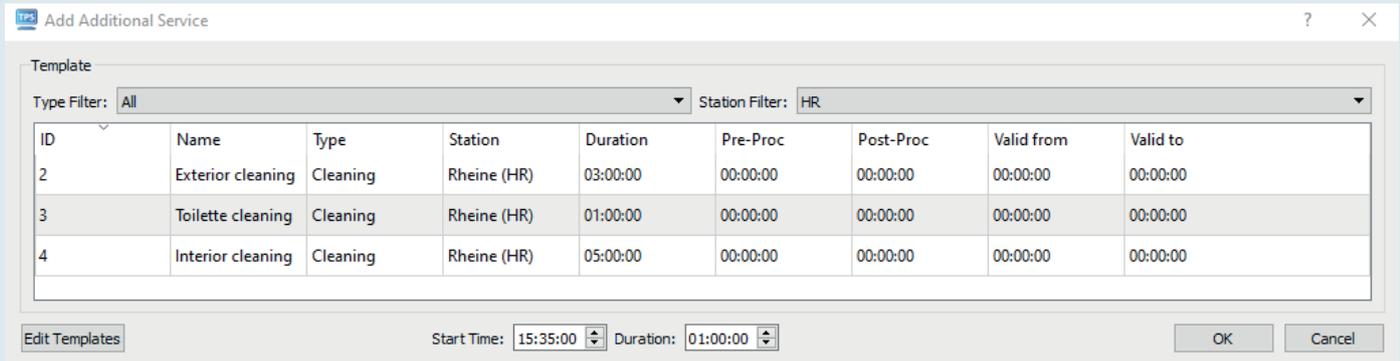


QUESTIONS?
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OPTIMISED ROLLING STOCK ROSTERING

TPS.fleet generates the rolling stock rosters automatically from the timetable data. The planning status can then be visualized in the overview and the sequence of the trips can be edited. The scheduled times for maintenance or cleaning work, for example, are highlighted in color.



INTEGRATE ADDITIONAL SERVICES

With the help of a template, any number of services can be defined and integrated into the schedule. The duration of the work can be added in the template to ensure that the corresponding vehicle is blocked for operation during this time.

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