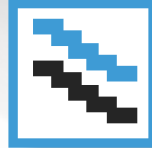


RailSys® Software Suite - Components Overview



Infrastructure Manager

More effective and time-saving. The work process in regard to complex infrastructures in RailSys® was specifically designed with this goal in mind. In addition to **various comfort functions, extensions to the copying functions of infrastructure data** enable networks and subnetworks to be processed more quickly. The incorporated **ETCS Baseline 3.6.0** as well as an **export and import function for any master data** round off our Infrastructure Manager.



Timetable Manager

At the heart of the RailSys® Software Suite, the Timetable Manager is equipped with a **variety of tools and functions**. While the processing of timetables has become easier thanks to a **variety of options for transferring timetable data between trains**, RailSys® offers the opportunity to design timetables even more precisely by assigning train routes depending on the individual traffic day. **Specifically adjustable ETCS parameters** as well as **extended train filters and output options** are also part of the Timetable Manager.



Evaluation Manager

In the interest of an effective workflow, the entire user interface of the RailSys® Evaluation Manager was **designed to be intuitive**. Evaluations such as diagrams, graphics and tables can be edited and generated directly as a document. In addition, the display of **boxplot diagrams**, which clearly show the scatter of simulation results, is also part of the manager's many features.



Reports/Export Manager

With various options for vehicle dynamics calculations, RailSys® has been designed for a variety of applications. The Reports/Export Manager makes the **output of such calculations in various different formats** possible. Outputs can of course also be generated in paper format. In addition to graphic timetables, timetable regulations, etc., site plans, speed manuals, and much more are also part of the wide range of output options of the Reports/Export Manager.



Web Train Path Manager

The RailSys® Web Train Path Manager offers a structured and yet flexible user interface through which **train path applications can be managed anytime and anywhere**. In conjunction with the RailSys® Timetable Manager, timetables can be organized **across all phases** and planned in detail. The compact and user-friendly interface of the web application includes **all the tools required for train path application and the planning of train traffic** with the concluding output of a timetable.



Web Construction Manager

The web application of the RailSys® Web Construction Manager in RailSys® makes it possible to start and/or continue **the short- or long-term planning of rail traffic-related construction measures** in their full scope anywhere. All tools and advantages of the RailSys® Construction Manager can be used flexibly in the Web Construction Manager in compact form. Thus, RailSys® adapts effectively to your individual working pattern without having to compromise on quality.

RailSys® Software Suite - Components Overview



Capacity Manager

The determination of accurate capacity indicators is essential for effective timetable construction. With the Capacity Manager of the RailSys® Software Suite, the **capacity consumption of timetables** is reliably calculated and displayed. Furthermore, with the help of the Capacity Manager, capacity bottlenecks can be directly identified and avoided while also considering the effects of construction measures on the timetable. **Various processing and display options for the results** as well as **editing functions** further complement the Capacity Manager in RailSys®.



Simulation Manager

Especially when planning complex infrastructures and timetables, they have to be checked in detail for their feasibility and weak points before they are put into actual operation. With the RailSys® Simulation Manager, this is reliably managed for railway infrastructure companies. RailSys® not only offers **reliable performance quality** of the application processes, but also streamlines **processes in relation to the collection of perturbation data** and makes them more time-efficient.



Dynamics/Energy Consumption Manager

Thanks to the RailSys® Dynamics and Energy Consumption Manager, rail transport can be designed to be more energy-efficient. As such, **specific calculation methods and scenarios**, such as those related to the consideration of tunnel resistances, are possible with the manager. At the same time, **various driving dynamics related outputs** are possible in combination with the RailSys® Reports/Export Manager - both digitally as well as in printed format. In particular, traffic line-, traction-, altitude- and energy consumption diagrams can thus be clearly displayed and output.



Possession Manager

Despite construction work within the rail network, regular traffic operations must be continued and maintained. With the RailSys® Possession Manager, various necessary planning measures such as **detours or substitute transportation are automatically calculated and displayed**. **Existing resources and reserves** in the timetable can also be checked in regard to speed limits. Furthermore, the timetable can be adapted according to construction measures directly in the annual timetable, with **conflict detection between track closures and available train paths** being carried out for each day individually for 365 days a year.

RailSys® Newbie? - No problem.

Master the various tools of the innovative RailSys® Software Suite in just a few days with our **RailSys® Training**.

Information and registration at www.rmcon-int.de/training