

THE TPS SUITE BY HACON

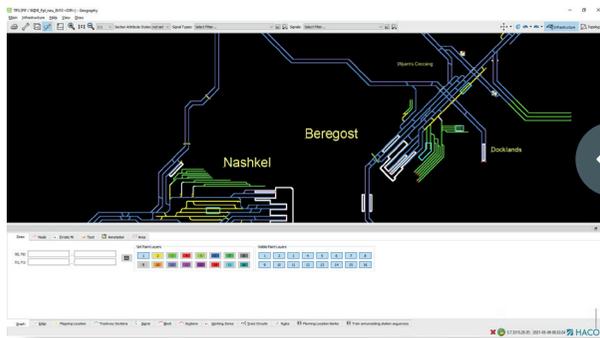
Modular Software Solutions for Train and Capacity Management



TPS.plan

Network-wide Train Path Planning and Capacity Management

TPS.plan for train planning and capacity management enables railway infrastructure managers as well as train operating companies to significantly improve their operative and long-term timetable planning.

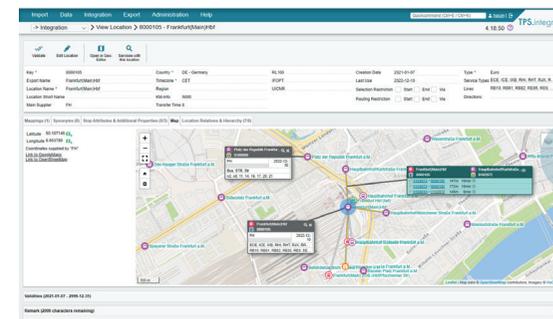


A „digital copy“ of the rail network and infrastructure is embedded in TPS.plan. Microscopic modeling enables highly precise timetable management.

TPS.integrate

Timetable Data Management and Refinement

TPS.integrate is a powerful tool to integrate scheduling data across several mobility providers. Transportation companies can enrich their own data and provide comprehensive travel information to their customers. From specific tasks to your company's entire data management – that's all possible.

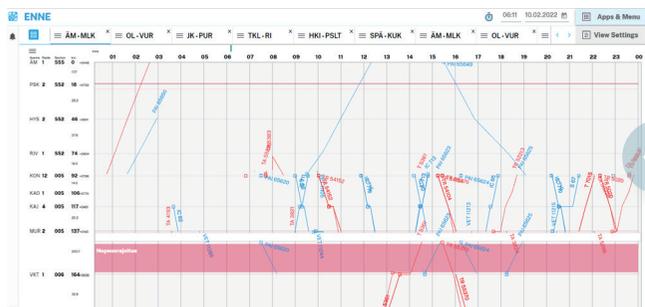


One of many use cases: TPS.integrate can be used to manage stops and the footpaths in between. In the map view, duplicate data deliveries or missing links are immediately displayed.

TPS.live

Effective Traffic Management in Real-time

TPS.live for operational train planning and capacity management supports railway companies in implementing short-term changes to existing timetables.

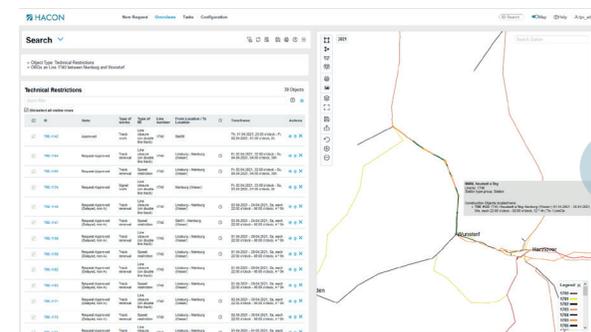


TPS.live users can visualise conflicts in ongoing railway operations and the system is able to solve them automatically.

TPS.trackworks

Coordinate and Optimize Construction Sites across the Network

One of the biggest challenges for train and infrastructure planners is to carry out track construction works while maintaining regular train operations. TPS.trackworks was developed for this purpose.

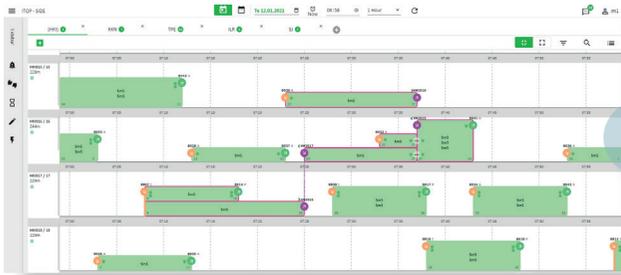


The responsive web interface provides an overview of all planned construction measures in the selected network.

TPS.yard

Coach-specific Planning of Track and Yard Capacities

TPS.yard helps you plan the capacities and occupancy of your yards, train supply facilities and yard tracks as well as depots. As part of the TPS Suite, the software uses high-performance tools for timetable and train path management.

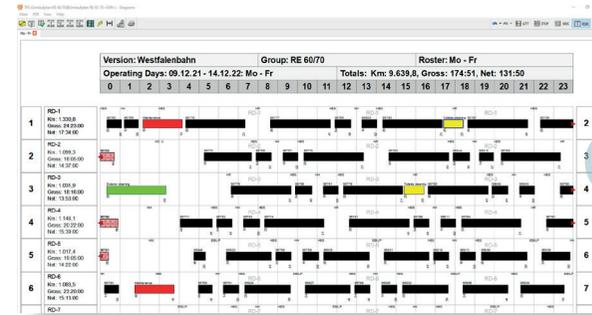


Our Web ITOP (interactive track occupancy plan) provides a clear view of track capacity and train occupancy.

TPS.fleet

Vehicle Rolling Stock Rostering

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.

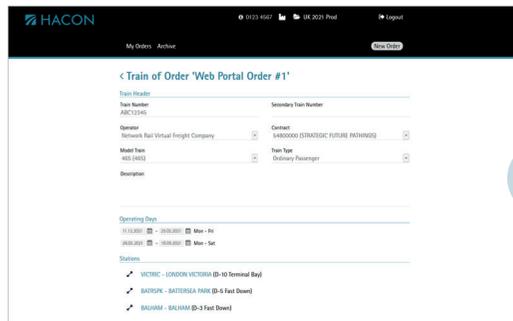


The program supports the entire process of cyclical vehicle scheduling. The scope of the generated rosters can range from several weeks to single-day variations.

TPS.portal

Ordering Portal for Network Capacity

If railway companies want to make changes to the existing network timetable, the train paths must be requested from the infrastructure manager. TPS.portal optimally supports this ordering process.

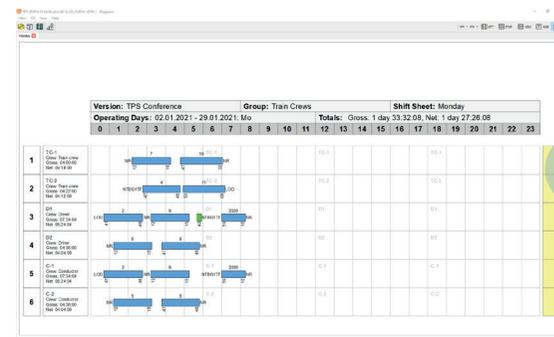


The system can be used either as a stand-alone web portal or fully integrated into the planning process together with TPS.plan.

TPS.crew

Optimised Staff Rosters for Train Operating Crews

With TPS.crew, optimised staff rosters can be created and managed. The system takes changes to the timetable into account and supports adjustments to the roster.



The current timetables, the operational regulations for rest and break times as well as the qualifications and preferences of the staff are taken into account while planning with TPS.crew.



We make mobility as easy as it gets: For passengers and for transport providers. Our software solutions ensure that passengers get from A to B comfortably and seamlessly – from trip planning, reservations, passenger communication and mobile ticketing to comprehensive MaaS solutions and On-Demand-Services. We support transport providers with fleet, disruption and data management, timetabling and live dispatching tools. We are: Siemens Mobility, Hacon, Sqills, eos.uptrade, Bytemark and Padam Mobility.