

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 to support this process.

With our TPS.trackworks software solution, all construction measures within your rail network can be managed in just one system. From strategic long-term planning to the coordination of individual construction projects – TPS.trackworks simplifies your processes and supports you in planning track works in such a way that they have the least possible impact on rail passengers.

The software helps to calculate the number of trains affected by a construction site, shows possible alternative routes, and indicates expected delays. As a multi-client capable system, it provides all parties involved with a unified view of existing maintenance projects – from the applicant of the measures to the timetable coordinator. With its intuitive web interface, TPS.trackworks simplifies the assignment of competencies and structures extensive workflows.

## **PRECISE LOCATION**

An accurate representation of network infrastructure plans – including details such as signals and switches – assists coordinators with the accurate location of their track works.

# **MODERN WEB INTERFACE**

With its interactive maps and graphical visualizations as well as a tablet-compatible responsive design, TPS.trackworks enables all parties involved at different locations to access all project details.

#### **FLEXIBLY ADAPTABLE**

In TPS.trackworks, procedures and responsibilities can be adapted to the process structures of tyour company – role-based rights for individual object attributes can be flexibly defined.

### **EASY SYNCHRONIZATION**

TPS.trackworks can be synchronized with existing databases to update timetables and infrastructure data. When creating timetables, planned track construction works will be considered as infrastructure restrictions.

# TPS.trackworks at a glance

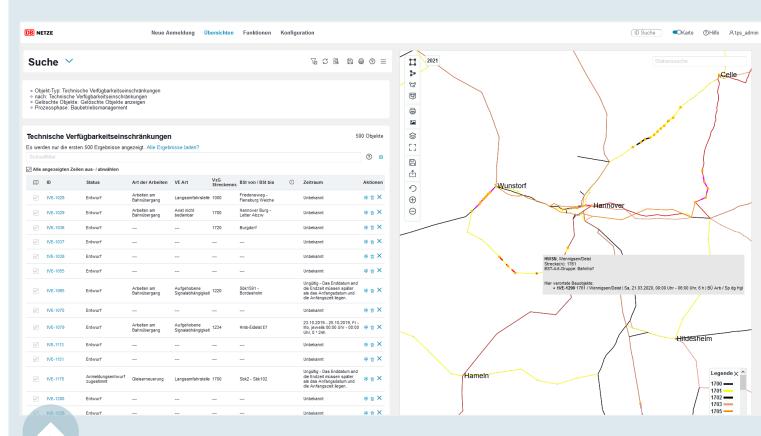


- Web-based application
- Management of all track construction works in one single system
  - » Short-term measures can be combined with long-term projects
- Unified view
  - » All stakeholders have access to the up-to-date planning status of their relevant construction measures
- Integrated workflow engine
  - » All process steps are supported by a configurable workflow

- Precise location improves the quality of construction site planning
- Interactive user interface
  - » Responsive design, also suitable for tablets
  - » Interactive maps and visualizations
  - » Customizable interface
- Highly configurable
  - » Surfaces, processes and interfaces can be flexibly adapted to customer specifications
- Publishing of construction measures
  - » Export as XML, PDF or Excel



8,000 users at DB NETZE work with TPS.trackworks to maintain 33,000 kilometres of track network.



#### THE RESPONSIVE WEB INTERFACE

With the TPS.trackworks search function, all construction sites can be filtered according to selected criteria. This results in a list overview of current and future planned measures in the selected rail network (left part of the screen). With the map view (right), the construction objects can also be visually located and edited.



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