



## SOG®

The **SOG®** program system supports the fast and efficient planning of track work. The planning is handled in a comfortable and user friendly manner. Intelligent calculation methods are also incorporated into **SOG®**. Multiple variants for the construction process can be developed in short time and can be compared for the identification of the fastest or most cost efficient variant.

Construction schedules that are developed with **SOG®** are displayed in a time distance graph. The display of the construction schedule can be converted into a Gantt-chart with the push of a button.

The requirements for machinery, waggons, or personnel are automatically calculated based on the developed construction schedule. The individual requirements are displayed in columns adjacent to the time distance graph, or in separate lists for the provision of locomotives, waggons or other machinery. The **SOG®** cost calculation module interactively evaluates the cost for the used material, machinery, waggons and personnel.

**SOG®** allows for the export of construction site data to other track work related software products through open interfaces. The data can also be exported for use in standard products such as MS office applications.

**SOG®** provides optimum support during all stages of the process planning of track work:

- design of draft plans for tenders
- overview planning for feasibility studies
- assessment of track closure time requirement
- creation of documents for the bidding process
- planning of optimised utilisation of track closures
- planning of machinery, waggon and personnel assignment
- ad-hoc planning on site.

The actual progress of track work activities can be entered into **SOG®** and compared with the initial schedule. **SOG®** facilitates the detailed documentation of the construction phase.

Last but not least, the planning documents and site documentation that are created with **SOG®** are valuable for accounting purposes and also support the reasoning for change requests.

**SOG®** runs on all platforms under Windows 2000 or Windows XP where the current service packs are installed.

