

RailOpt[®] DIS



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**Information system
for railway engineers**

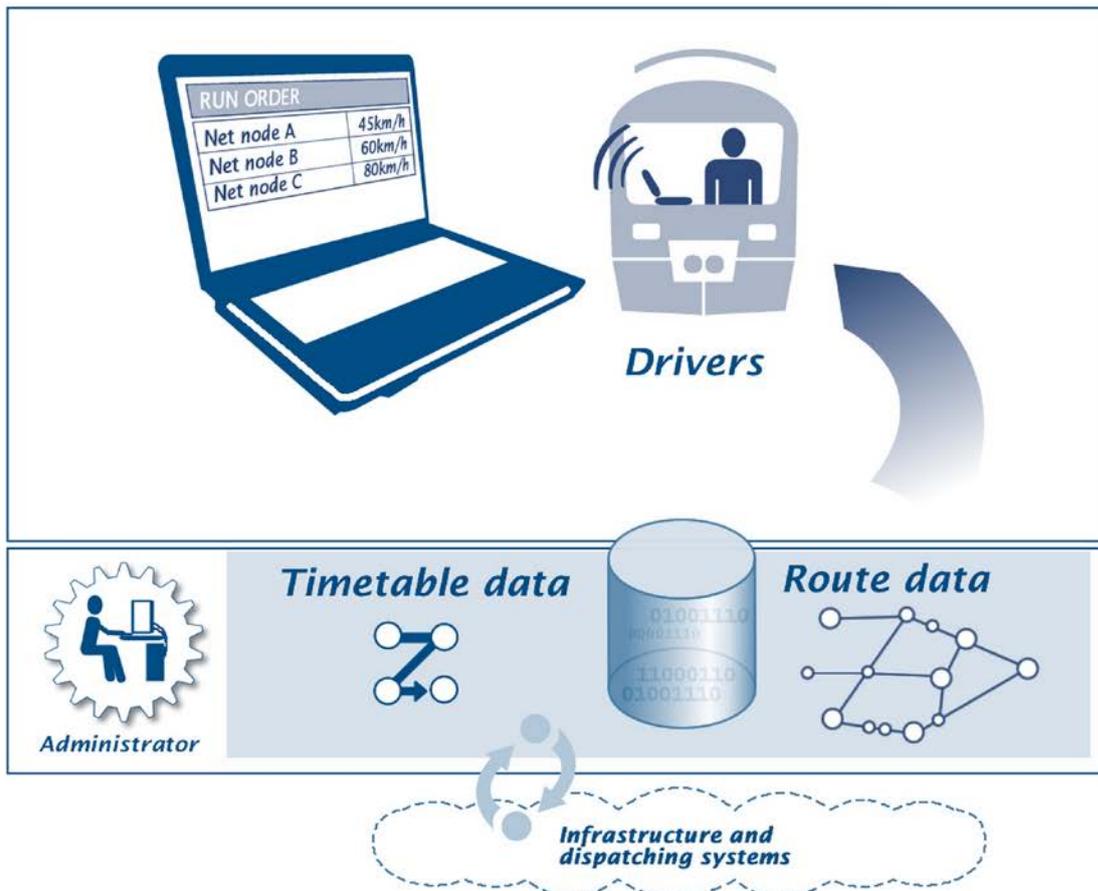
RailOpt® DIS provides timetable and route information for the engineer.

With RailOpt® DIS we complete our product range of information systems for railway engine personnel. RailOpt® DIS (Driver Information System) furnishes the traffic schedule including all necessary details for engine personnel in electronic form, the main field of application being the immediate train operation. The system thus constitutes the interface between the engineer and the planning unit, exchanging all track information needed for the trip.

RailOpt® DIS offers uniform operating steps on a consistent and clearly laid-out user interface to guarantee fast work in a realistic context. Data retrieval is carried out with a mobile device connected to the internet. The Driver Information System is explicitly used for generating traffic schedules and for managing the route database.

The main features at one glance

- Generating traffic schedules for dynamic display
- Route database management
- Individual customized route database
- Ability to run on any standard end device
- Availability and stable implementation of a backup concept for sensitive data



| Datum | | Zug | | 4857 | | 20.08.2018 05:28 | | Anf/Ab | |
|-----------------------|--|---------------------------|----|------|--------|------------------|----|--------|-------|
| 20.08.2018 | | km | - | + | ETCS 1 | Funk | AE | RE30 | |
| Zugnummer | | 80.5 | 14 | 0 | | | | 85 | 05:28 |
| Streckeninformationen | | St. Gallen | | | | | | | |
| 80.5 | | St. Gallen St. Fiden | | | | | | | |
| 79.7 | | St. Gallen St. Fiden Nord | | | | | | | |
| 78.4 | | Blösch | | | | | | | |
| 76.9 | | Blösch | | | | | | | |
| 76.5 | | Blösch | | | | | | | |
| 75.9 | | Blösch | | | | | | | |
| 75.9 | | Blösch | | | | | | | |
| 75.6 | | Blösch | | | | | | | |
| 72.8 | | Blösch | | | | | | | |
| 72.8 | | Blösch | | | | | | | |
| 72.4 | | Blösch | | | | | | | |
| 70.2 | | Blösch | | | | | | | |
| 67.9 | | Blösch | | | | | | | |
| 64.3 | | Blösch | | | | | | | |
| 45.0 | | Blösch | | | | | | | |
| 43.7 | | Blösch | | | | | | | |
| 42.8 | | Blösch | | | | | | | |
| 41.8 | | Blösch | | | | | | | |
| 37.8 | | Blösch | | | | | | | |
| 37.8 | | Blösch | | | | | | | |
| 33.8 | | Blösch | | | | | | | |
| 33.8 | | Blösch | | | | | | | |

Generating and Displaying Travel Schedules

Generating travel schedules is done either on the basis of the engineer's daily schedule or according to the train number. *RailOpt® DIS* thereby retrieves information on the trains stored in the *RailOpt®* master data which the personnel must execute according to their service schedule. The travel schedule is being displayed on the monitor dynamically following the course of the trip.

RailOpt® DIS ensures data safety and flexibility, since the travel schedule is additionally generated in PDF format. Therefore you can rely on a fall-back platform in case the system does not respond.

Managing the Track Database

The entry and maintenance of the track database takes place in a separate administration software which supports the user with an optimized data entry. The user interface is well structured and clearly laid out. Using this database you can handle topology data as well as additional information such as instructions, signals, travel times, speeds, temporary construction sites or low speed sections.

The interfaces can be generated from *RailOpt®* data or on the basis of imported data from other infrastructure and planning systems.

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| Zugnummer | | 80.5 | 14 | 0 | | | | 85 | 05:28 |
| Streckeninformationen | | Winkeln (Open) | | | | | | | |
| 80.5 | | Winkeln (Open) | | | | | | | |
| 79.7 | | Blösch | | | | | | | |
| 78.4 | | Blösch | | | | | | | |
| 76.9 | | Blösch | | | | | | | |
| 76.5 | | Blösch | | | | | | | |
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| 75.9 | | Blösch | | | | | | | |
| 75.6 | | Blösch | | | | | | | |
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| 42.8 | | Blösch | | | | | | | |
| 41.8 | | Blösch | | | | | | | |
| 37.8 | | Blösch | | | | | | | |
| 37.8 | | Blösch | | | | | | | |
| 33.8 | | Blösch | | | | | | | |
| 33.8 | | Blösch | | | | | | | |

Qnamic supplies software and know-how for an intelligent resource management

Qnamic AG was founded in 2003 and is based in Högendorf (CH). We develop software solutions for resource planning and allocation for railway, supply and other service companies. Through the integration of all participants our intelligent software solutions allow for the efficient planning, dispatch and controlling of resources.

Qnamic AG stands for

- functionality, usability and stability
- parametrization and configurability
- fast implementation (time to productivity)
- 24 h support service
- usability of technical information and online services (cloud/data migration)

Our software is an adaptable system combining work time regulations, qualifications, suitability etc. supplying economical aspects for controlling purposes in realtime.

Besides providing our software tools we can also take care of operations ensuring smooth running and availability. We are equally glad to support you during implementation. We also accompany the analysis and realisation of process optimizations. Along with the software administration we make longterm commitments and even take over planning and dispatching tasks.