

Consulting and
optimization

A holistic view of the railway

The railway is a complex system that must always be viewed holistically. The team at **netwiss OG** in cooperation with the **Vienna University of Technology – Research Centre for Railway Engineering** can build on more than two decades of experience with regard to a holistic approach to the railway system.

The holistic approach includes interdisciplinary, interoperable and intermodal thinking. In this context, research and consultancy services in the field of railways are also combined with other disciplines.

netwiss

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Consulting
Optimization
Customer Queries
Data Collections
Project Development
Project Management

TrainOptimizer



Special competencies

Optimization of passenger trains in the range from:

- Vehicle interior concepts (local and long-distance traffic)
- Luggage storage in trains
- Passenger flows and passenger exchange times
- Accessibility
- Increase in the degree of defacto capacity utilisation in trains
- Improvement of traveller comfort
- Efficient use of travel time in trains
- Increase in efficiency

Optimization of mobility chains:

- Concepts for the first and last mile
- Luggage handling along the entire mobility chain
- Luggage logistics systems and services
- Customer requirements when staying in stations
- Efficient use of time in stations
- Luggage handling in stations

Our services for you

Consulting and optimization

Together with you and for you, we can help develop optimized vehicle interiors.

We check and optimize your vehicle concepts with regard to:

- Arrangement and dimensioning of luggage storage
- Arrangement of seats, tables etc.
- Dimensioning of aisle widths
- Vehicle overall concepts

with the objective of the:

- Reduction of dwell time and passenger boarding and deboarding times
- Increase of utilization rate
- Increase in traveller satisfaction
- Increase of security
- Increase of profitability

Efficiently designed passenger coaches have up to 20 % more capacity utilisation compared to vehicles with a maximum number of seats and allow up to 70 % shorter dwell times in the stations while at the same time ensuring a high degree of passenger satisfaction.

Customer queries and data collections

In order to be able to offer the best possible quality in increasingly fierce competition, concrete knowledge about the needs of one's own customers is irreplaceable.

We have extensive methodological experience in efficiently carrying out the following surveys in the field of rail and public transport:

- We design and conduct customer surveys in stations, on trains or online.
- We carry out passenger flow investigations for you on vehicles and in the station.
- We carry out luggage data collection in order to develop solutions tailored to the needs of your customers.
- We carry out any other desired data collection for you. In netwiss OG you have a competent partner with extensive know-how in the field of surveys, which is continuously applied in many projects.

Project development and management

You have an idea for a development or research project in the field of mobility and transport, but you do not know how to implement this idea?

We will be happy to help you and support you. We are also happy to manage projects.

