

netwiss

Pay Attention to Your Customers – Improve Your Vehicle Efficiency!

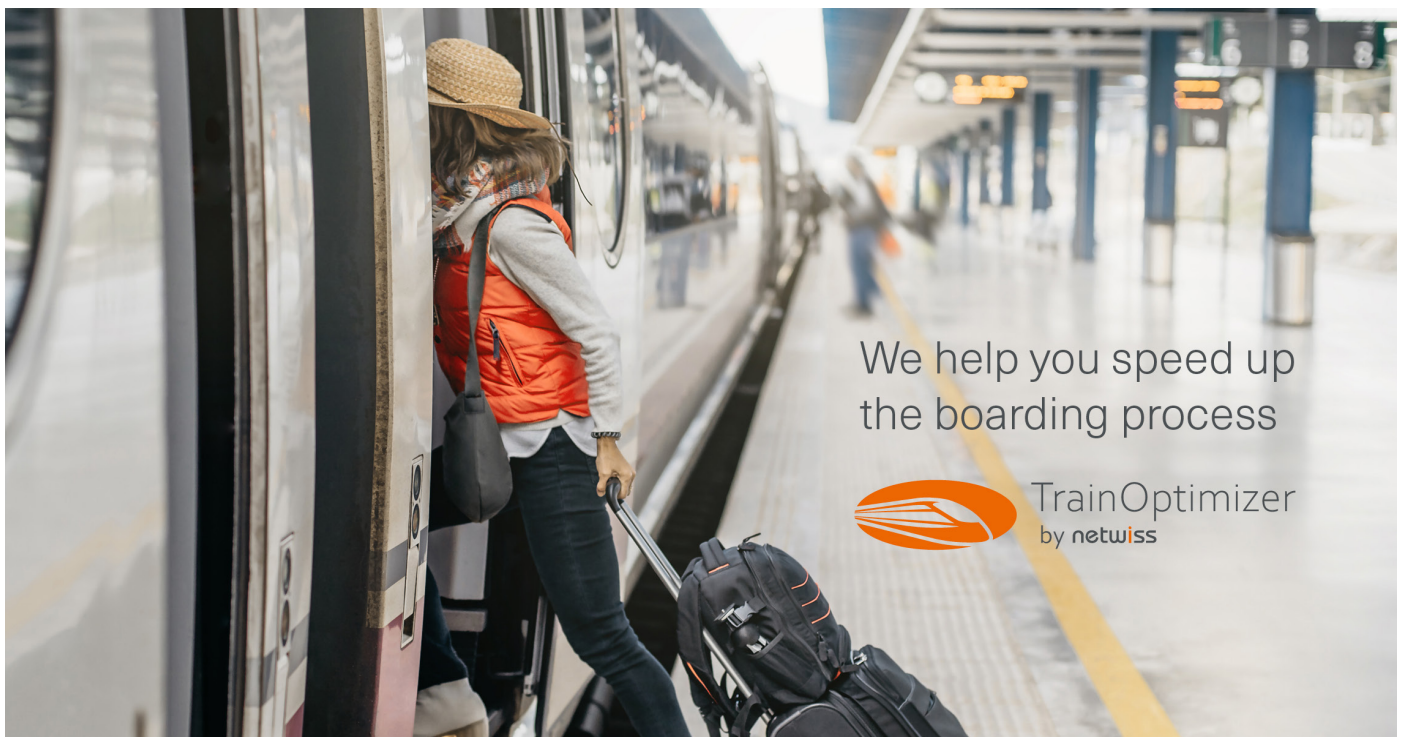
In over 50 projects for well-known rail operators such as SBB, DB and ÖBB and numerous others, as well as for vehicle manufacturers such as Siemens and Alstom, to name just a few examples, we have been able to clearly demonstrate the advantages for operators over the last 15 years if they focus on the behaviour and needs of their passengers.

Conversely, if the focus is on the wrong parameters when planning passenger vehicles, parameters that are

supposed to increase efficiency but usually do not take passengers into account, the result is usually inefficient vehicles.

Care for Some Examples?

Often, the goal is to transport as many passengers as possible. This leads to a maximum number of seats being planned for intercity trains. In purely mathematical terms, this increases seating capacity and thus the expectation of increasing revenue. In reality, there is a lack of luggage racks, in particular. In addition to often chaotic conditions caused by non-stowable luggage, this leads to a reduction in



We help you speed up the boarding process



TrainOptimizer
by netwiss

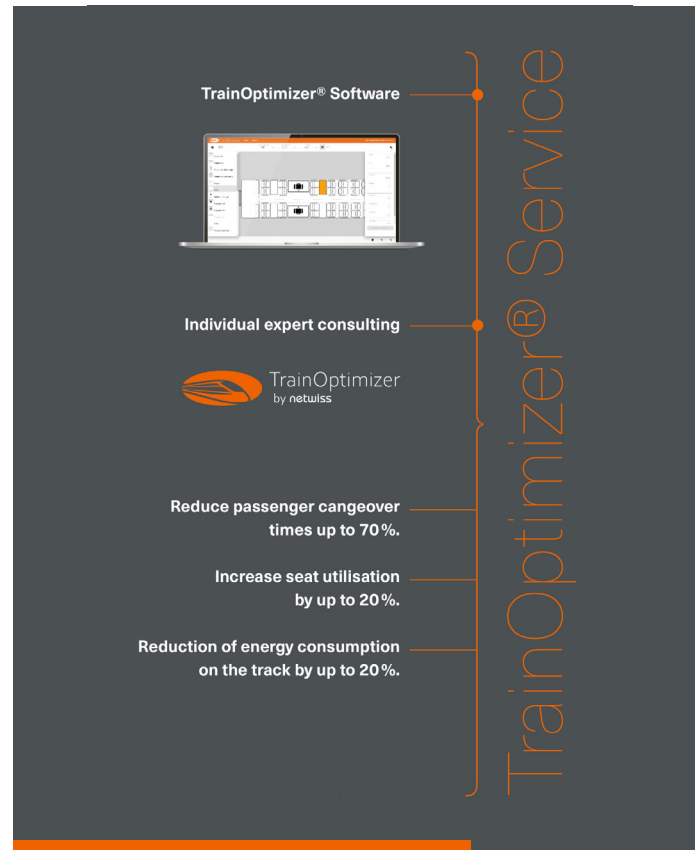
the actual number of seats, as up to 20% are blocked by luggage. Furthermore, the flow of passengers is severely impeded, which can lead to significantly longer passenger turnaround times. This reduces punctuality and also leads to increased energy consumption, since the maximum possible speed often has to be driven to maintain the travel time. There are many more examples.

Here are a few key figures of what a good vehicle layout can achieve:

- Reduce dwell time up to 70%
- Increase seating capacity up to 20%
- Reduce rail energy consumption up to 20%

Our philosophy has always been: we analyse passengers in detail to learn from them. We use this know-how to optimise vehicles. In over 50 projects, we have succeeded in significantly increasing efficiency. These include vehicles such as the ICE4, ICE-L, ÖBB-railjet, ÖBB-nightjet, SBB-Twindexx and many more.


Taking into account customer requirements and behaviour always pays off. If you are planning or ordering new vehicles, retrofitting and renewing vehicles or otherwise dealing with vehicles, ask us and take advantage of our expertise. In over 20 years, we have analysed the behaviour of 400,000 passengers through intensive research. We provide this expertise in the TrainOptimizer® service.



The diagram illustrates the TrainOptimizer® Service. At the top, it shows 'TrainOptimizer® Software' with an image of a laptop displaying a software interface. Below this is 'Individual expert consulting' with the TrainOptimizer logo and 'by netwiss'. A large vertical bracket on the right side of the diagram is labeled 'TrainOptimizer® Service'. To the left of this bracket, three key performance indicators are listed: 'Reduce passenger cangeover times up to 70%', 'Increase seat utilisation by up to 20%', and 'Reduction of energy consumption on the track by up to 20%'.

Design

Are you curious about the possibilities of improving your vehicles? Then visit us at www.TrainOptimizer.com. Here you will find valuable information and videos on howto get the best out of your vehicles in just a few steps, or simply contact us at: info@TrainOptimizer.com



This block features the TrainOptimizer logo on the left and the netwiss logo on the right. In the center, there is a large red play button icon inside a white circle, indicating a video player. Below the play button, the text reads: 'Veh... or customer focus... based efficiency'. At the bottom, it identifies 'Dr. Bernhard Rüger' as representing 'netwiss OG' in 'Vienna - Austria'.

TrainOptimizer

**Optimize passenger vehicles
and increase efficiency with
just a few clicks!**

Inter-City Trains
Night trains
High-Speed Trains
Local Trains
Light Trains
Metros
Busses

You are a

- _____ rail vehicle manufacturer
- _____ design or engineering company
- _____ railway operator
- _____ purchaser of transport services
- _____ educational institution
- _____ other institution

and you want efficient vehicles with

- _____ short dwell time
- _____ high occupancy rate
- _____ best possible baggage stowing
- _____ high passenger comfort

**then TrainOptimizer® helps you
to optimize your vehicles
with just a few clicks!**

With TrainOptimizer® you can very easily and quickly check any vehicle layout with regard to its efficiency and thus achieve significantly shorter dwell time and higher seat occupancy with increased passenger satisfaction at the same time through targeted optimization measures.



Let us show you TrainOptimizer®
without obligation!

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