

# INTRODUCTON TO RAIL NETWORK MODELLING

Explore the possibilities of rail planning with PTV Visum

## SHORT DESCRIPTION

In this course we will demonstrate the possibilities in PTV Visum to support you with planning of regional, national and international rail projects. You will get an overview of available applications and a general understanding on how PTV Visum can help with your projects.

The trainer will show you different elements and give you an insight to get started with PTV Visum for rail network planning.

## TARGET GROUP

Rail operators and rail planning authorities who want to explore PTV Visum and its benefits for rail planning processes.

## PREREQUISITES

No prerequisites with PTV software required. Experience with rail network planning projects is beneficial.

**DURATION:** 1,5 Days



## CONTENTS

- ▶ Basics of network modelling
- ▶ Basic sources and elements required to model PuT supply and demand
- ▶ Tabular, graphical and map-based display
- ▶ Calculating skims from both the passenger's and operator's perspective
- ▶ Basics of assignment procedures for PuT demand matrices
- ▶ Calculation of transport supply indicators
- ▶ Basic line blocking procedure for calculating operating costs
- ▶ Modelling of different fare systems
- ▶ Analysis of e-ticketing data
- ▶ How to adopt, integrate, display and use both external and result data
- ▶ Short introduction to Schematic Line Diagrams

Further related courses of PTV Visum:

- ▶ Introduction to Public Transport Modelling (TR-T0102)
- ▶ Modelling Public Transport Networks and Combining Supply and Demand (TR-T0103)
- ▶ Public Transport Line Performance and Cost Calculation (TR-T0104)
- ▶ Public Transport Network Planning (TR-T0105)
- ▶ Schematic Line Diagram (TR-T0121)

Booking & Information:

 [www.ptvgroup.com/training](http://www.ptvgroup.com/training)  
 [training.de@ptvgroup.com](mailto:training.de@ptvgroup.com)

Visum Forum & Learning Videos:

 <http://ptv.to/visum-user-forum>  
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