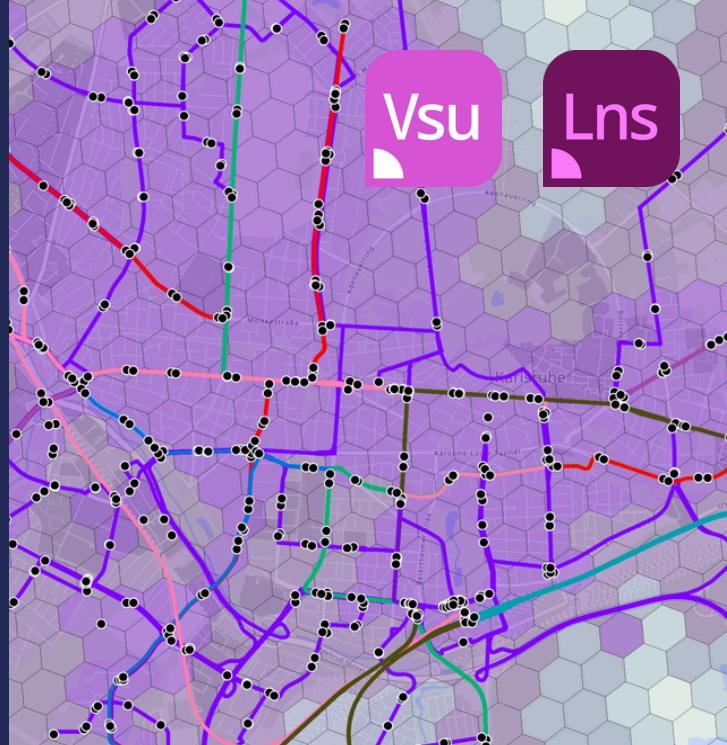


PTV Visum or PTV Lines?

Which software is the right one for your public transport planning?

Good public transport planning involves many challenges that can best be tackled by using professional tools. This guide will help you pick the right software solution.



As a public transport or mobility planner, you have probably heard of the PT planning software solutions PTV Visum and PTV Lines. But you may have wondered which software is the right one for your needs. To make it easier for you to decide, we present the two solutions in this quick guide and compare them in terms of their areas of application, target groups and functions.

Quick overview

PTV Lines

- A web-based tool for service planning of new and existing public transport lines.
- Using PTV Lines does not require prior knowledge of complex planning software.
- Planners can quickly test measures for network design and timetables and understand their effects on the service.
- It's easy to set up and edit stops, line routes and timetables and to visualize ideas.
- You get instant feedback of the estimated operational costs and can intersect your supply with your GIS data.

PTV Visum

- A modeling software for comprehensive and strategic public transport planning.
- Modeling in PTV Visum provides users with insights not only about planning of lines and schedules, but also many other aspects of public transport work, such as passenger behavior and count or ticketing data.
- PTV Visum is not limited to modeling just public transport modes. Being a multimodal planning suite, it can analyze many other modes of mobility, including cars, bicycles, ride-sharing services, and more – and the interaction between them.

Who is the software for?

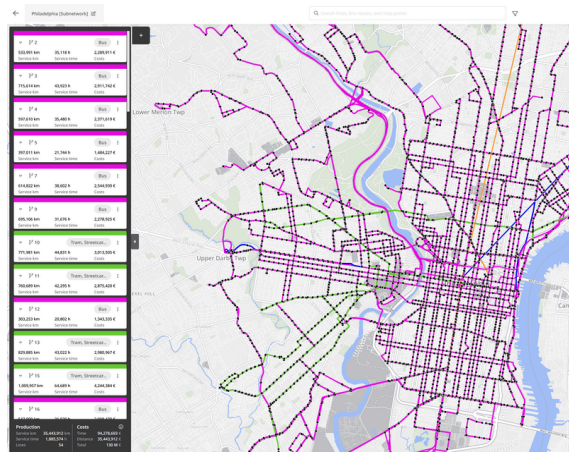
PTV Lines is ideal for public transport service planners, working for PT operators or the public authorities responsible for PT services. To use PTV Lines, planners do not need prior knowledge of complex modeling software.

PTV Visum is used by a variety of mobility industry stakeholders. These can be, but not limited to, the strategic planners of public transport services, operators, authorities, decision-makers, investors, and procurement officers.

Use cases

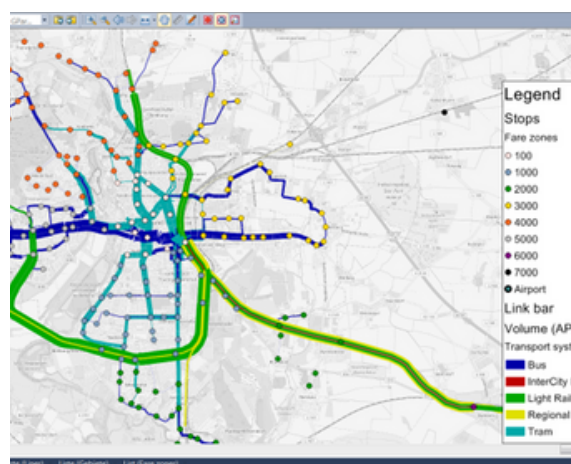
With **PTV Lines**, you can:

- plan regular, seasonal, or temporary timetables
- optimize connections and service
- Compare and evaluate different scenarios
- Analyze demand and ridership
- Compare operational costs
- Assess accessibility
- plan school and rail replacement bus service
- Create and export informative maps to share with the public or decision-makers



With **PTV Visum**, you can model and analyze scenarios of many use cases. Among them:

- network and infrastructure development
- mode shifts
- ticketing and pricing policies
- cost-benefit of new measures
- bidding processes
- fleet planning and procurement
- Punctuality analysis and crowding effects
- station capacity and passenger flows
- how to divide revenue between operators



What if you can make good use of both?

Planning departments are often using both software solutions, enabling persons with different skills, know-how and tasks to contribute to the public transport planning. PTV Visum and PTV Lines are set on the same fundament. Therefore, you can easily exchange data between PTV Lines and PTV Visum, avoiding transmission errors. Data from PTV Lines can be exported to PTV Visum for deeper analysis of the next planning steps. In the other direction, a planned timetable created in PTV Visum scenarios can be exported to PTV Lines, giving service planners a head start to their planning process.

Do you want to take a closer look?

There are free test versions available for both PTV Lines and PTV Visum. Check out the solutions yourself or [get in touch with us](#). Our planning experts are happy to help you find the right solution.

[Test PTV Lines](#)

[Test PTV Visum](#)