How do you analyze traffic operations and optimize signal timing smartly and efficiently?

PTV Vistro is the most professional traffic engineering software for all of your traffic analysis needs.
PTV Vistro at a glance

- With the Scenario Management feature, PTV Vistro allows you to manage the analyses for different time periods and even various development scenarios all in a single project.
- Easy input of trip generation rates for each development zone, the trip distribution between zones and gates, and path shares for specific trip paths complete the assignment of development traffic to the network.
- With the Abstract Network Model (ANM), PTV Vistro also offers an XML interface for the import of networks.
- PTV Vistro incorporates industry-standard methodologies such as HCM, ITE, and CCG, making it easier to regulate consistent results.

"Increase efficiency, workflow, quality and most importantly, improve your clients’ deliverables with PTV Vistro now."

Adam Lynch, Product Manager & Certified Trainer, PTV Vistro
PTV Vistro incorporates industry-standard methodologies into smartly-designed workflows because we understand your needs to work efficiently. PTV Vistro does not contain privatized or black box methods and offers a more open and transparent approach.

Made by engineers, for engineers

Manage multiple scenarios seamlessly with PTV Vistro’s Scenario Management.

View instantaneous visual feedback through the signal timing diagram.
PTV Vistro is an all-in-one traffic engineering software made for transportation planners and traffic engineers.

Areas of application

Unique Traffic Impact Analysis structure
What better way to assess the existing roadway infrastructure and its ability to move traffic than using PTV Vistro? It is the ideal software for traffic impact analysis (TIA) as it guides users through the traditional methodology where trips are generated, distributed, assigned, and the final volumes are then assessed to determine the delay and level of service (LOS).

Equipped with industry-standard methodologies

Robust traffic signal optimization
Achieve the best cycle lengths, splits, and offsets with PTV Vistro’s signal optimization algorithms. Easily use the traffic software to optimize signals and test timing plans for a single intersection, an entire network, or a specific route.

Intersection, network, and route optimization
For a single intersection or multiple intersections that are not coordinated with other intersections, PTV Vistro offers local optimization of cycle lengths and splits. In contrast to the local optimization, the network optimization considers the interaction between the signalized intersections. PTV Vistro is unique in that it provides the ability to define specific “routes” for optimization. This means that you have total control over finding the best solution that fits your objectives.
Benefits

Reduce work and error
The Scenario Management and mitigation features let you work smarter and more efficient.

Hassle-free network builder
Effortlessly build a network of intersections or roundabouts with copy and paste feature.

Easy to understand graphics
Designed especially for transport professionals, PTV Vistro’s graphical result displays and automated reporting tools make viewing results quick and easy.

Data fusion
Import and export to and from PTV Visum, PTV Vissim, Synchro or OTISS

All-in-one solution
All the standard functionalities you would expect, plus advanced features such as auto-generated reports, figures, fair share assessment, and traffic warrants.

Always up-to-date
PTV Vistro is continuously updated to meet your needs that go hand-in-hand with industry trends.

About PTV Group

PTV Group takes a holistic approach that integrates all aspects of traffic, transport and logistics to create and promote sustainable mobility. Recognised as global market leader, PTV develops intelligent software solutions for transport logistics, traffic planning and traffic management.

Thus cities, companies and people save time and money, enhance road safety and minimise the impact on the environment. Based on its unique expertise in every facet of mobility, PTV ensures that people and goods arrive at their destinations safe and sound, and on time.

40,000 tons of CO₂ saved daily

Up to 17% cost savings with our route optimisation technology

Customers in 120 countries rely on our solutions
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