



PTV Vistro

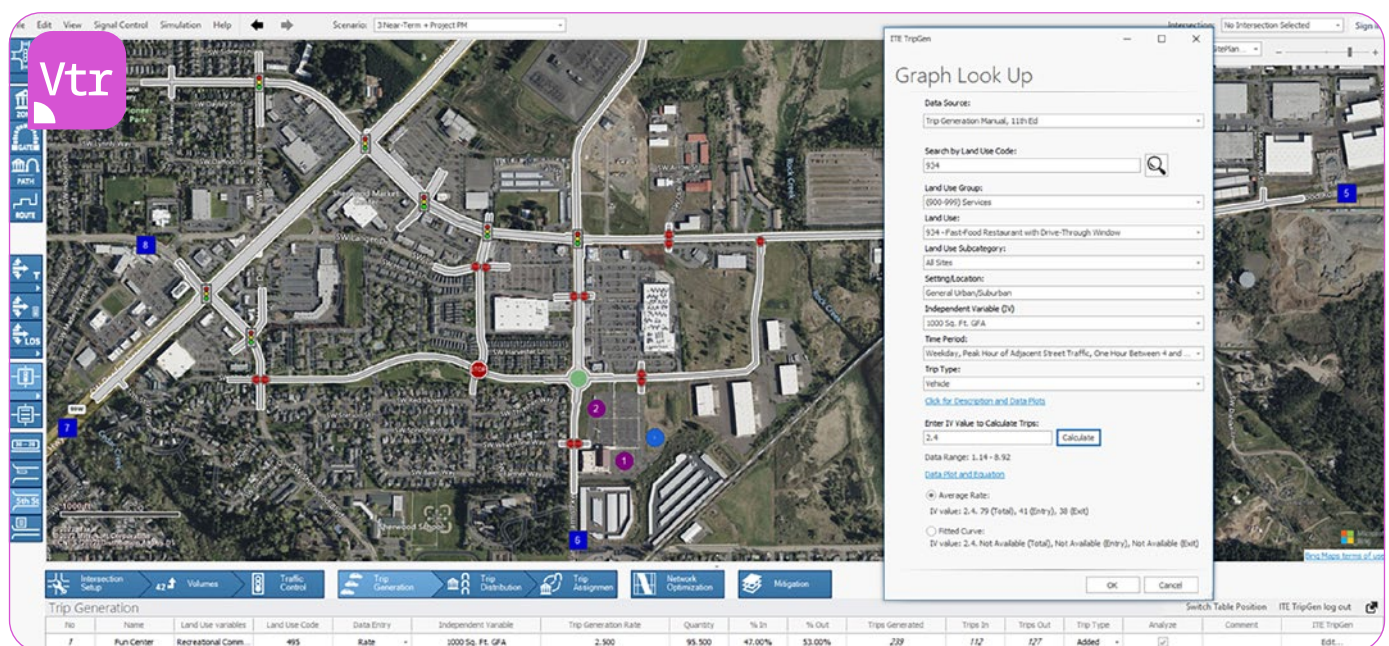
All-in-one
traffic engineering software

PTV **GROUP**
— part of Umovity

PTV Vistro: Traffic impact analysis & signal optimization

Ideal for traffic engineers and transportation planners, PTV Vistro delivers the best combination of traffic signal analyses and traffic impact studies meeting industry standards like the Highway Capacity Manual.

Easily optimize and balance networks of signalized and unsignalized intersections and roundabouts. PTV Vistro's smooth workflows, scenario management, and automated reporting features save you time and eliminate errors.



Your benefits:

Hassle-free network building & optimization



The best network editor to quickly build beautiful traffic models with high-quality graphics

Save time and money

Create your networks on satellite web maps with a real coordinate system and connect with PTV Vissim & Visum



Rapid buildout

Optimize your city's traffic signal network with our OSM and UTDF imports, file merge, and update features



Optimize your project experience



With an intuitive user interface, smart workflows, powerful graphical results, and next-level analyses

More analyses and accepted results

PTV Vistro brings you more approved industry methods like HCM and ITE than any other urban street design tool



Always up to date

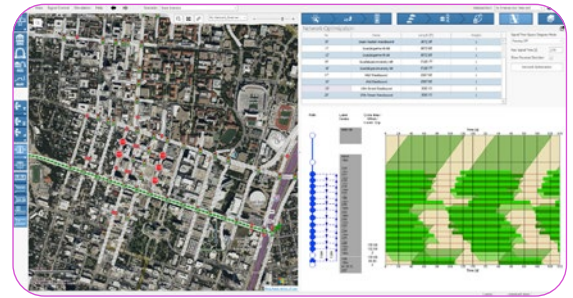
We continuously pack PTV Vistro with key features to meet your needs and industry trends



PTV Vistro's key functions:

Flexible traffic signals workflows

Easily set up fixed-time, semi- and fully actuated, and free running controllers. Create new signalizations in one click and automatically calculate recommended cycle lengths, splits, and pedestrian crossing intervals.



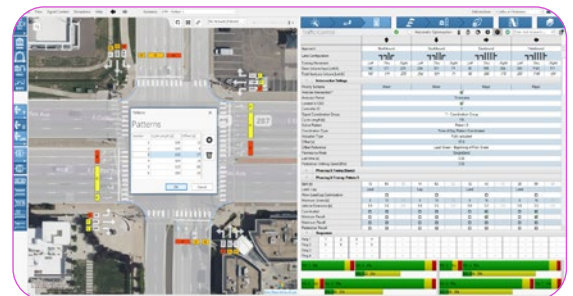
Leading pedestrian intervals and phases

Strike a balance between pedestrian, bicycle, and vehicular traffic. PTV Vistro stands above the competition, requiring no additional signal phases to fool the software.



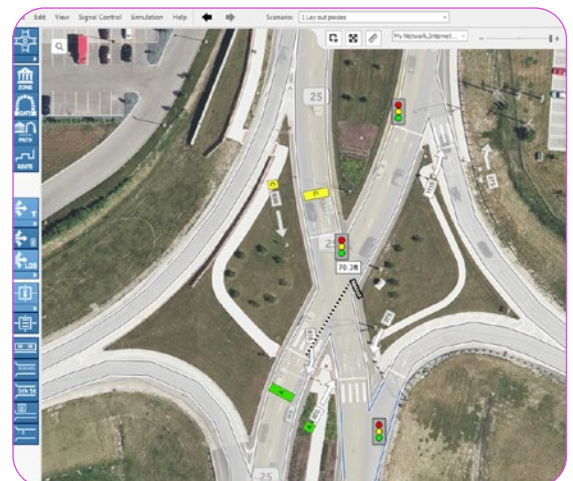
Intersection, network, and routing optimization

PTV Vistro delivers intelligent traffic signal optimization at individual intersections, for districts or across an entire network. Use the fair-share analysis tool to allocate improvement costs across projects.



Powerful scenario and mitigation management

PTV Vistro enables you to build unlimited time-of-day models, alternatives, and future year forecasts. When adding new intersections or making changes in the base scenario, PTV Vistro automatically updates the other scenarios. You can create 99 easily comparable mitigations per intersection.



Traffic impact analysis made easy

Quickly evaluate Traffic Impact Analyses (TIAs) to generate, distribute, and assign new project trips from your proposed site. Allocate improvement costs and evaluate the impacts of trips over time. PTV Vistro automatically integrates with ITE's TripGen database for a seamless experience.

Automatic reporting and KPIs

The reporting tools provide you with summaries, traffic figures, full-page details, and time-space diagrams.

A selection of PTV Vistro customers:



Are you interested in a free trial of PTV Vistro?



Our experts will be happy to provide you
with a free demo version and answer
all your questions.



Leverage the synergies between PTV Vistro and Centrac:



PTV Vistro



Centrac

PTV Vistro is part of the Umovity product family and can therefore be easily integrated with Econolite's Centrac software.

Traffic operators utilize Centrac to monitor real-time signal health and signal performance measures. Integrate Centrac signal timings directly with Vistro for quick analyses.

In Vistro, study and send new optimized timing patterns back to Centrac for field deployment.

Keep your traffic signal data synchronized between your management and modeling software – and make decisions with the latest information.