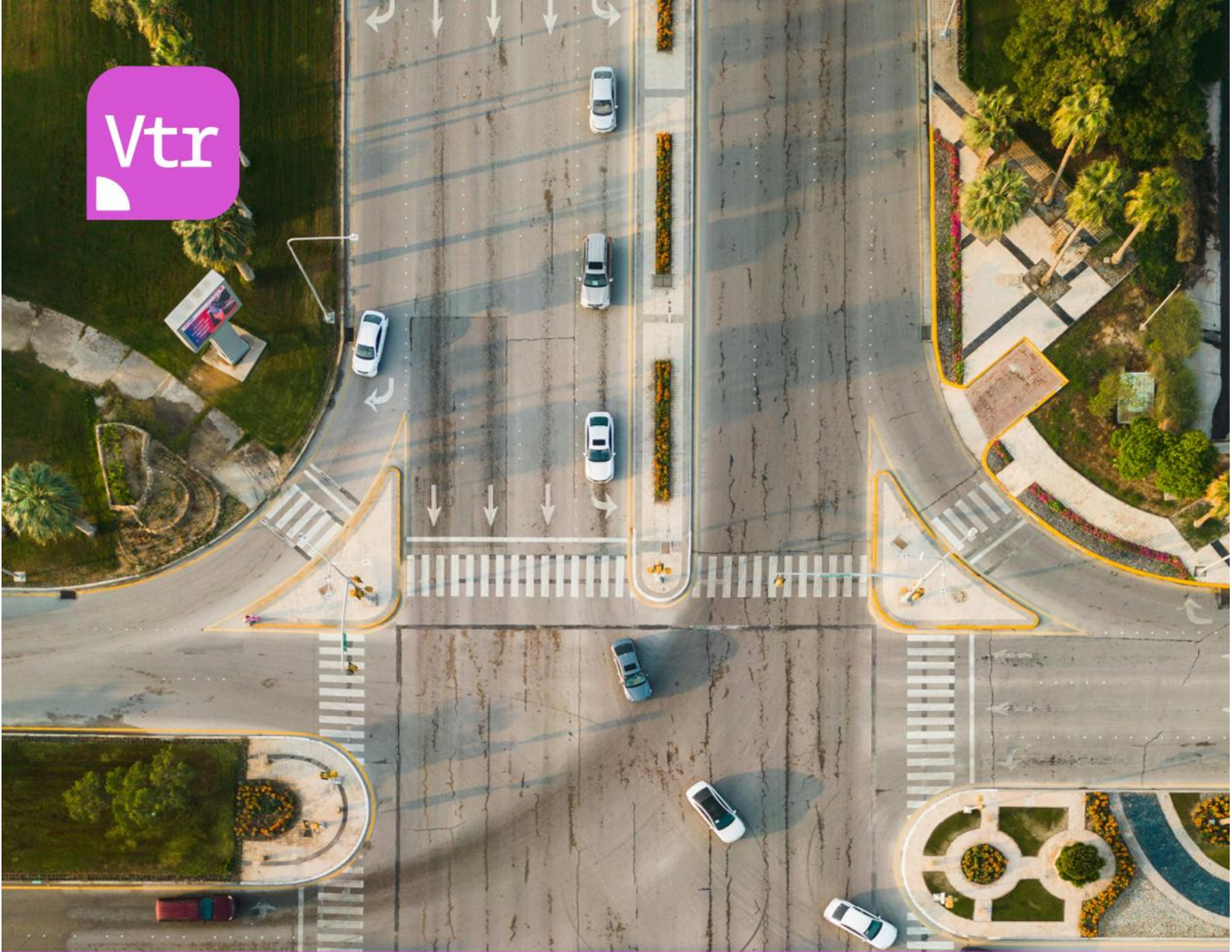




PTV Vistro 2026

Key Highlights

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Imprint

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Preamble

This document provides an overview of the key Service Pack updates in PTV Vistro, covering versions 2025 through 2026, along with the latest additions included in the initial release of version 2026. For details on additional features, please refer to the official release notes. Please note that future versions within the 2026.00-xy Service Packs will introduce new features not covered in this overview.

For comprehensive instructions on using the new functionality, consult the Vistro 2026 online help and the accompanying document titled *PTVVistro2026_Manual.pdf*.

Release Highlights summary

PTV Vistro 2026 marks a transformative step forward in bringing cloud-ready functionality directly into the daily workflows of traffic engineers, transportation planners, consultants, and agencies. This release builds on Vistro's strong foundation, expanding its role from a modeling and analysis tool into a fully integrated, collaborative platform connected through PTV Hub. With powerful new dashboard capabilities, real-time commenting, a modernized docking framework, and enhanced selection tools, Vistro 2026 enables a new level of efficiency, interactivity, and communication for project reviews and traffic impact studies. These updates are designed to reduce project review cycles, improve communication with agencies and stakeholders, and speed up the path from planning to simulation.

A highlight of this release is the deep integration with PTV Hub Dashboards, allowing traffic impact study details to be presented in dynamic, interactive visualizations. Engineers and reviewers can now explore model data in a more intuitive, visual way—comparing scenarios, filtering metrics, and engaging stakeholders without relying on static reports. PTV Hub's new movement widget also enables users to explore Vistro's traffic volumes, delays, and LOS grades, enhancing reviews, comparisons, and the sharing of intersection details.

Complementing this is the PTV Hub-powered Commenting Service, which centralizes feedback directly in the model environment. Users can create comments, reply, and resolve threads directly on Vistro network objects, providing the ultimate study workflow. To house this new commenting component, PTV Vistro's docking framework has been upgraded. Vistro retains its familiar look but is now supercharged to not only house comments but also integrate Companion, enabling users to get AI assistance and even escalate support tickets directly from within Vistro. This new docking framework will also support future cloud-connected features.

Under the hood, PTV Vistro 2026 continues to align more closely with PTV Vissim's pRBC signal controller format, streamlining two-way signal data exchange for faster microsimulation workflows. These enhancements mean agencies and consultants can move more quickly from planning to simulation, improving precision and reducing duplication of effort. Any refinements made during simulation can also be transferred back to Vistro for further analysis.

Beyond cloud and interoperability improvements, Vistro 2026 brings smarter analysis and workflow updates, including full support for Flashing Yellow Arrow configurations, refined two-way yield reporting, and a more robust object selection system that paves the way for future bulk editing and model management features.

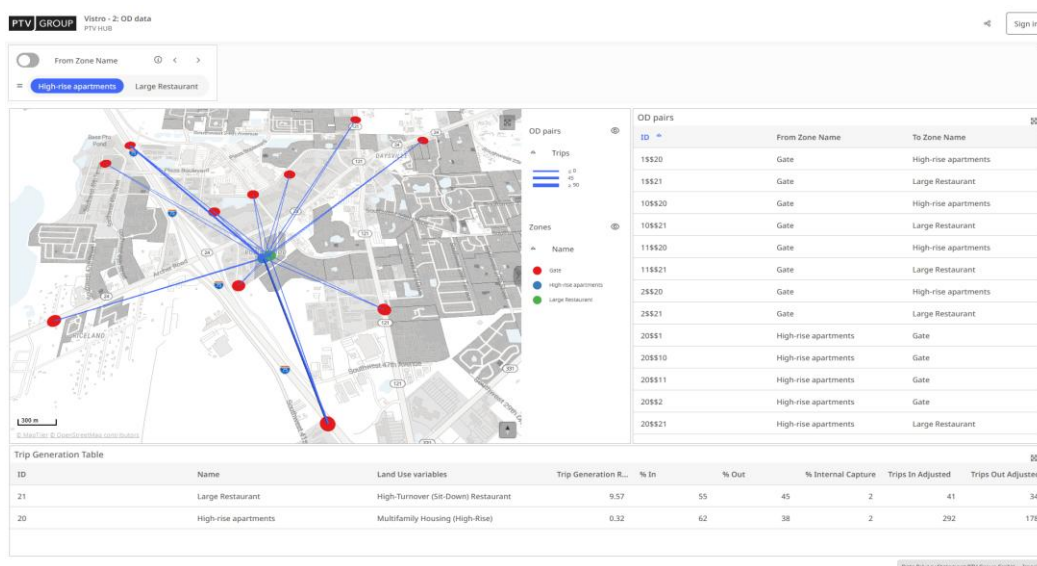
Finally, Vistro's data connections continue to expand, with service pack updates planned for 2026 introducing improved integration with Centraqs mobility data, ensuring that real-world conditions are always reflected in model decisions. With PTV Vistro 2026, your modeling workflows are more connected, collaborative, and future-ready than ever before.

1 Workspace

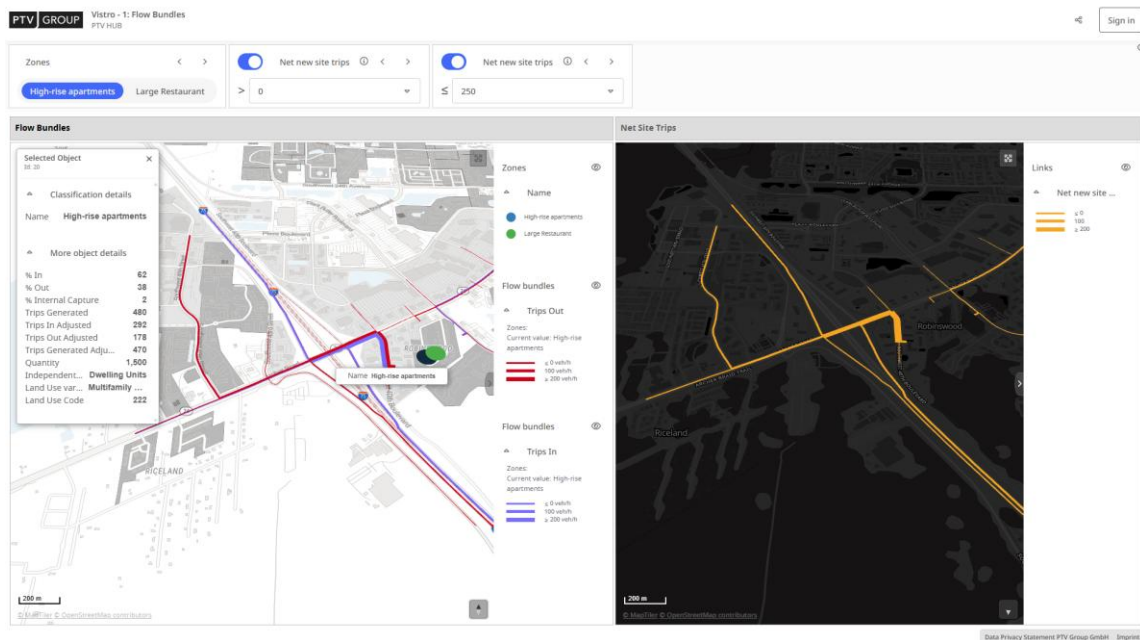
1.1 PTV Vistro Dashboards powered by PTV Hub

PTV Vistro 2026 introduces a new level of clarity and interactivity for traffic study reviews with dashboards powered by PTV Hub. This enhancement transforms complex datasets into dynamic, easy-to-navigate visual presentations. With just a few clicks, engineers can generate dashboards that display trip generation, flow bundles, intersection KPIs, and signal group metrics. Built-in filtering and in-dashboard commenting simplify stakeholder reviews, eliminating the need for static appendices. These dashboards enable transparent scenario comparisons, positioning Vistro not just as a modeling tool but as a comprehensive communication platform.

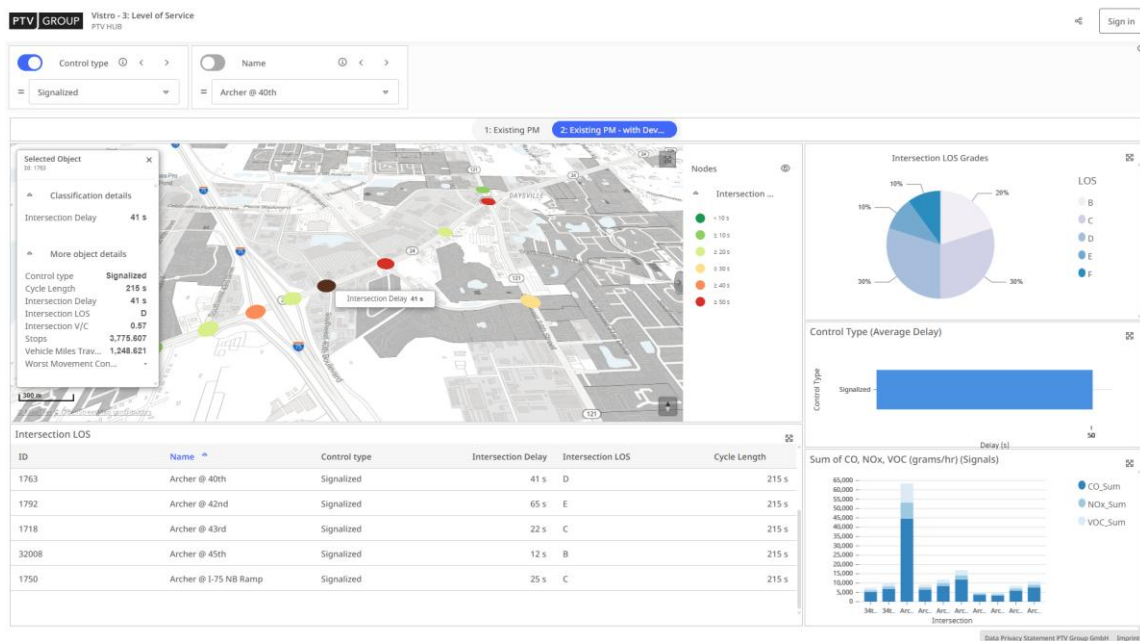
PTV Hub's new movement widget further enhances reviews, comparisons, and the sharing of intersection details. This interactive tool allows users to explore Vistro's traffic volumes, delays, and LOS grades. It highlights critical turn information, summarizes ingress and egress KPIs, and provides a modern schematic to elevate intersection reports.



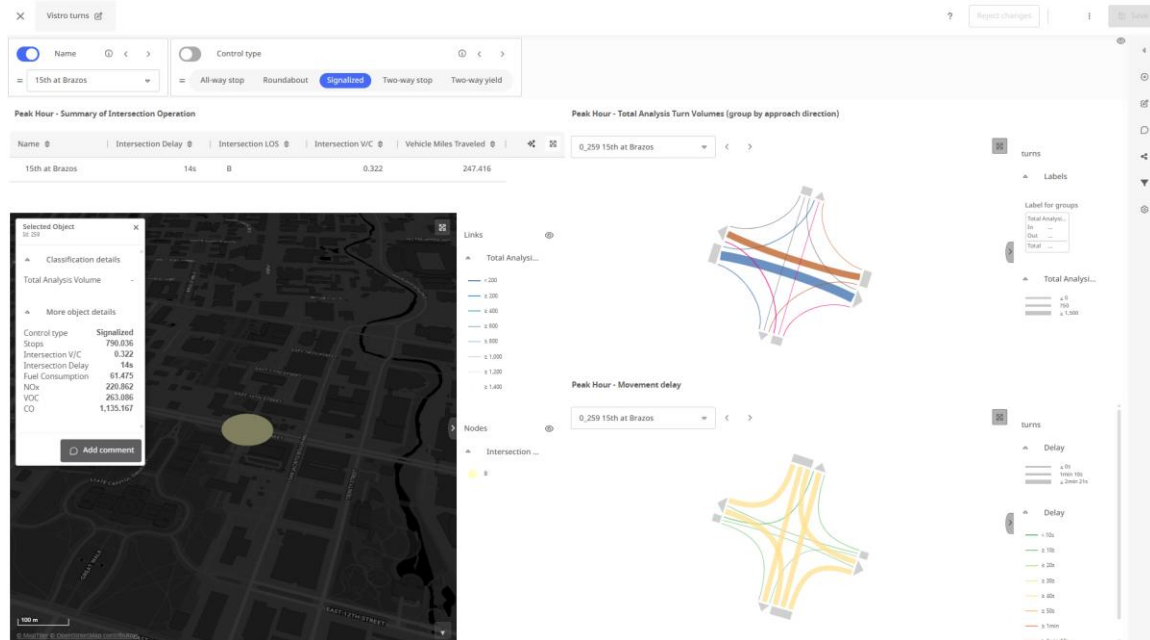
PTV Vistro Trip Generation and Origin-Destination Dashboards in PTV Hub



PTV Vistro Flow Bundles and Net-Site Trips Dashboards in PTV Hub



PTV Vistro LOS and Operations Dashboards in PTV Hub

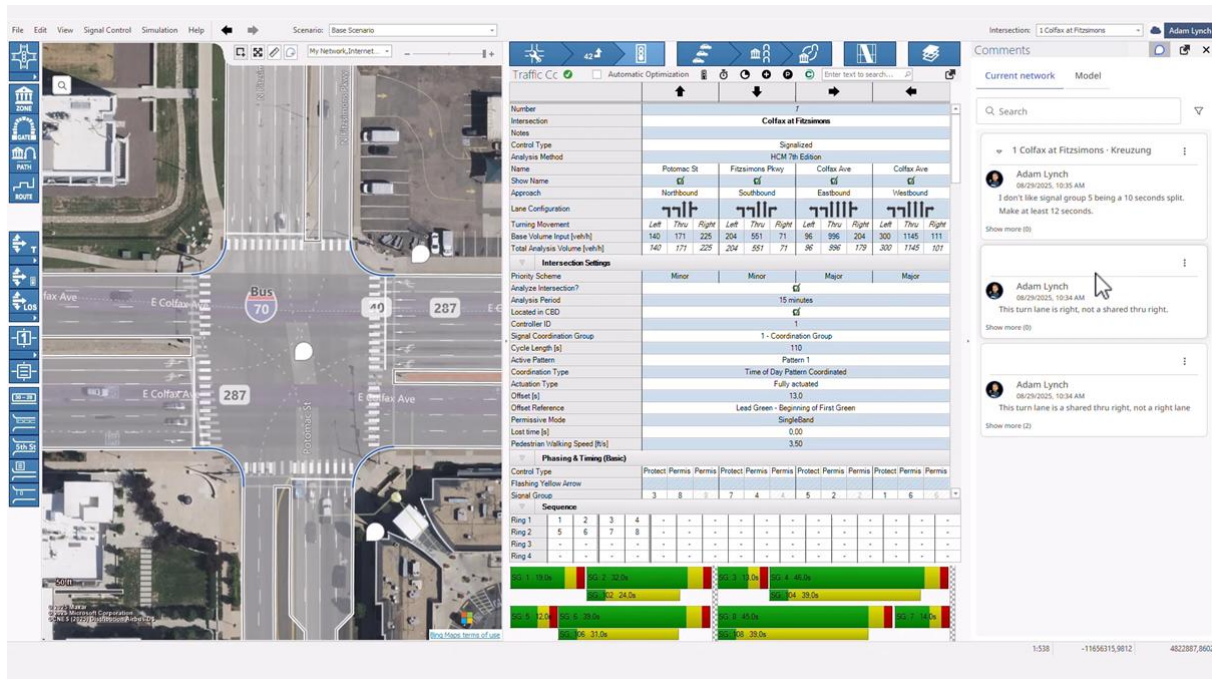


PTV Vistro Movement KPIs in PTV Hub's movement widget

1.2 PTV Vistro Comments powered by PTV Hub

The new Comments feature connects teams directly within the PTV Vistro model environment. Reviewers can provide feedback at the scenario or intersection level without relying on PDFs, emails, or separate documents. All comments remain embedded in the model, ensuring clear, context-rich communication throughout the review process. This is especially valuable for multi-phase projects, public engagement, and agency reviews. By integrating with PTV Hub, the Comments feature streamlines review cycles and ensures that all collaborators work with the same up-to-date information.

Users can comment on existing network objects or place feedback at a specific x,y position. Each comment is visually indicated with an icon and automatically grouped into a thread, allowing multiple users to reply within the same discussion. Replies are timestamped and tagged with the author's name for traceability. Threads can be marked as active or resolved, making it easy to track status throughout the project lifecycle and providing a clear audit trail of feedback, changes, and decision-making.

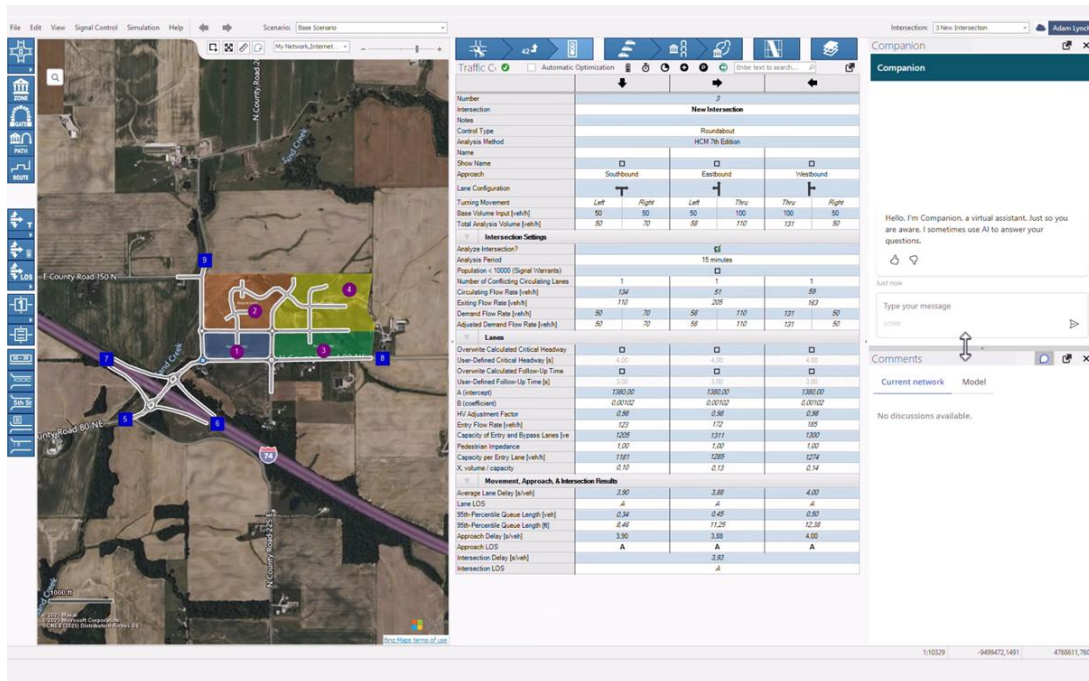


Commenting in PTV Vistro with PTV Hub

1.3 Docker Framework with Commenting and Companion Support

The new PTV Vistro Docking Framework is designed to support cloud-connected tools such as Companion and Comments. The updated docked view allows users to access PTV Companion directly within Vistro for help, documentation, and automated troubleshooting. If additional assistance is needed, users can escalate support by creating a case directly from Companion. A short guided form generates a case number and routes the inquiry to the support portal.

For comments, the docking framework intelligently displays both cloud components and discussion threads. The comment view can be opened or closed with a single action, and threads can be navigated quickly and intuitively. This future-ready docking framework ensures that Vistro can seamlessly integrate additional cloud-based tools in upcoming releases.

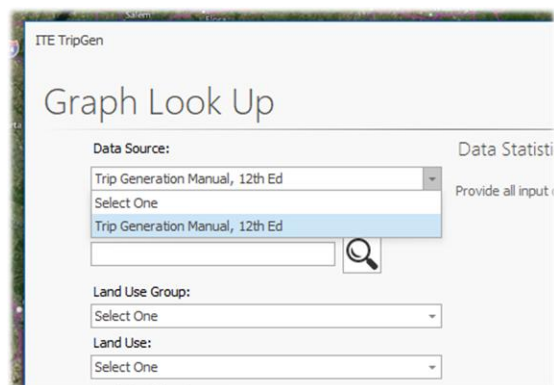


New docking framework for Companion and Commenting

1.4 ITE TripGen 12 Web-app API compatibility

PTV Vistro is now fully compatible with the ITE TripGen 12 API, providing seamless access to the latest *ITE Trip Generation Manual, 12th Edition*. This new edition reflects current development and travel realities, featuring more than 550 new study sites, updated land-use codes, refined definitions, and a dedicated chapter on post-pandemic travel patterns. With TripGen 12, transportation professionals can deliver more accurate forecasts for schools, retail centers, warehouses, and mixed-use communities.

Note: Access to TripGen 11 remains available until December 31, 2026, but upgrading ensures full use of the latest dataset and web app tools.

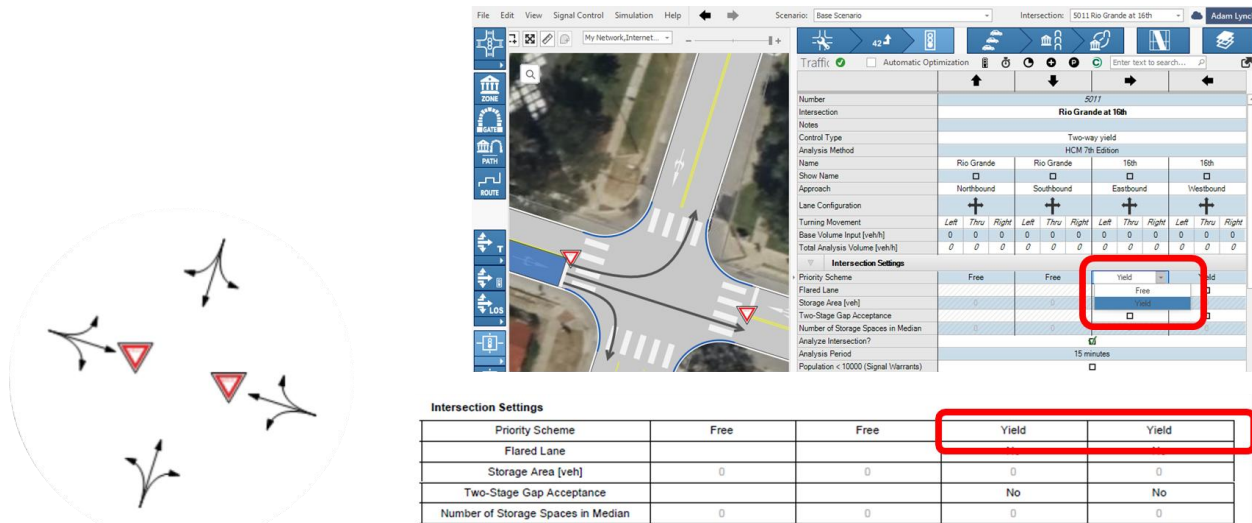


New docking framework for Companion and Commenting

2 Traffic Control Workflow

2.1 Two-way Yield Report and Grid Updates

For intersections with a two-way yield configuration, PTV Vistro 2026 updates the grid display to show “Free” and “Yield” in the Priority Scheme, replacing the previous “Free” and “Stop.” This update also applies to reports, ensuring consistency in terminology across outputs. These refinements help agencies and consultants maintain alignment between field conditions and documentation.



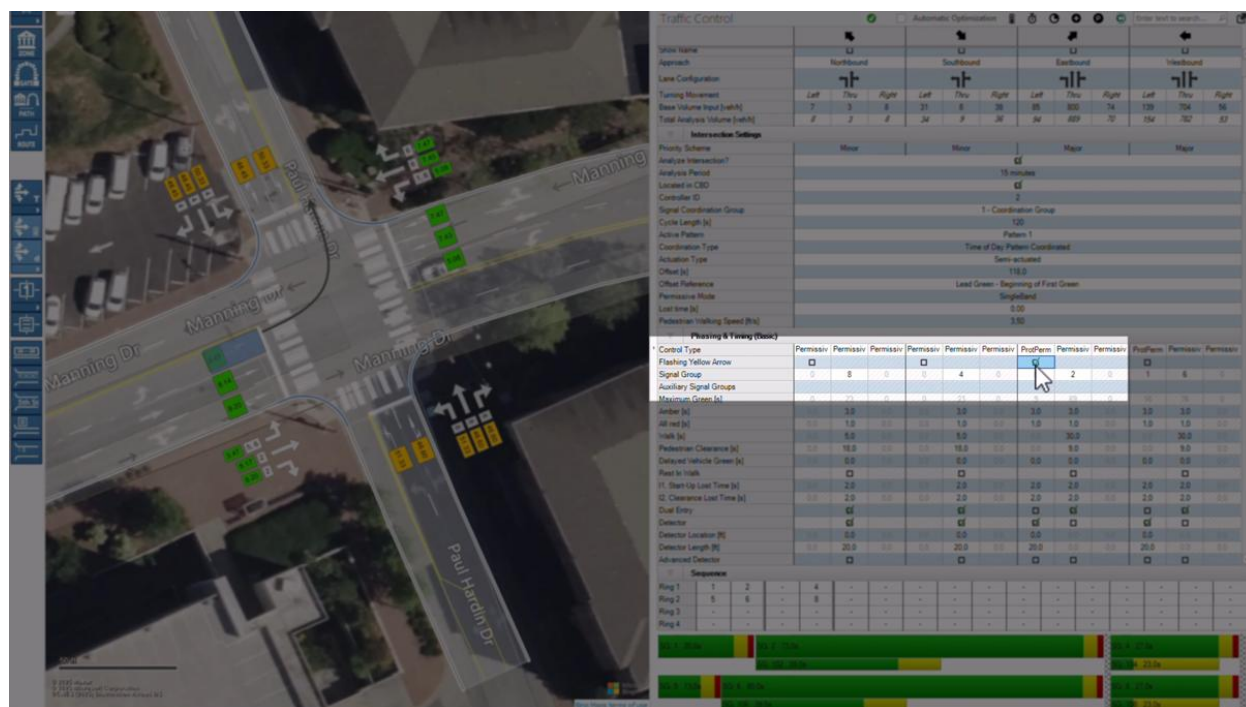
The diagram on the left shows a circular intersection with four approaches, each marked with a red yield triangle. The screenshot on the right shows the PTV Vistro software interface for the intersection 'Rio Grande at 16th'. The 'Intersection Settings' table is highlighted, showing the updated terminology for a two-way yield configuration.

Priority Scheme	Free	Free	Yield	Yield
Flared Lane				
Storage Area [veh]	0	0	0	0
Two-Stage Gap Acceptance			No	No
Number of Storage Spaces in Median	0	0	0	0

Two-way Yield control updates in reports

2.2 Flashing Yellow Arrow (FYA) Support

Vistro 2026 introduces full support for Flashing Yellow Arrow (FYA) configurations in the Phasing & Timing (Basic) table. Both permissive and protected/permissive setups now dynamically link left-turn phases to opposing through movements. Engineers can instantly evaluate how FYA impacts capacity and delay, with calculations adjusting automatically. FYA settings are also preserved during Vissim export, streamlining the transition from planning to simulation. This feature provides traffic professionals with a more accurate representation of modern signal phasing strategies.

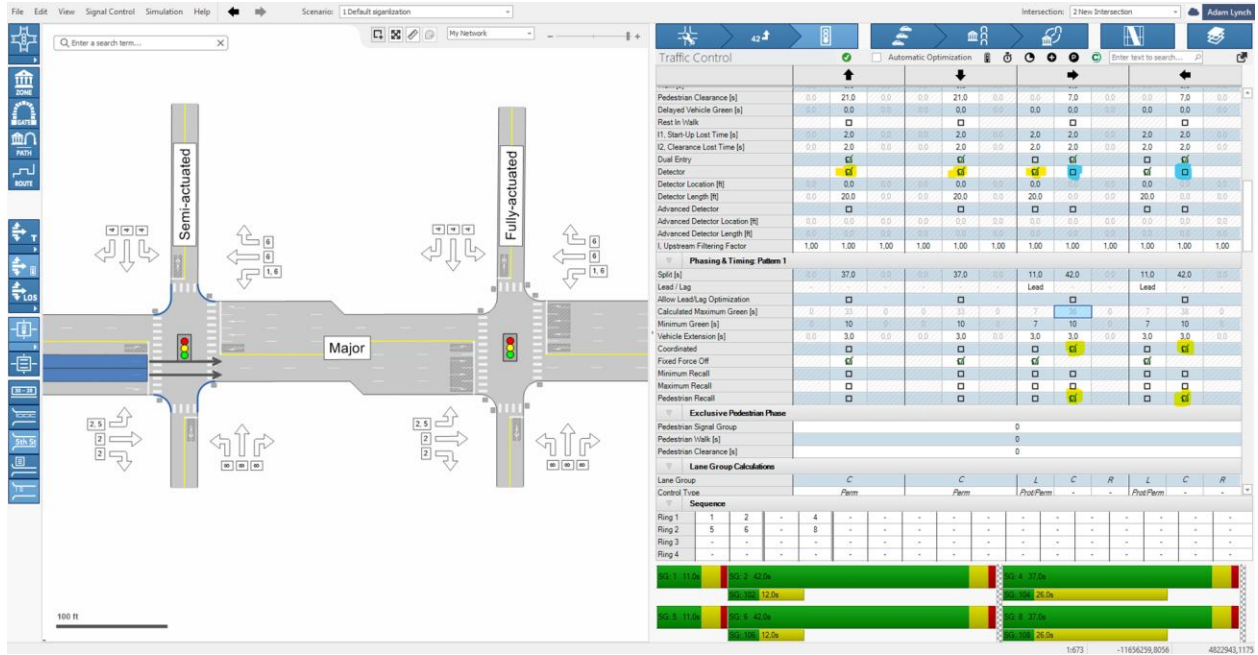


Flashing Yellow Arrow setting

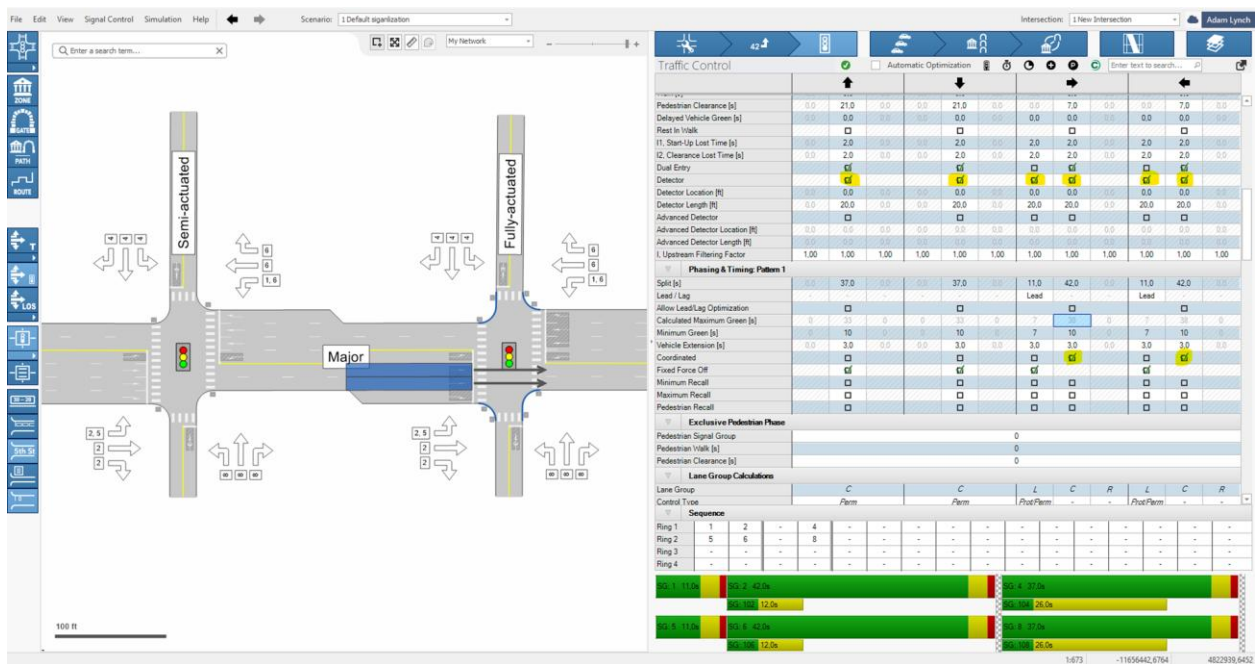
2.3 Create Detectors and Recalls when Setting Default Signalization

PTV Vistro 2026 improves signal controller setup with enhanced default signalization logic that automatically assigns detectors and recalls for actuated controllers. When creating default signalization, Vistro now adds detectors to semi-actuated and fully actuated controllers where needed, ensuring proper activation of signal groups. For protected-permissive left turns on shared lanes, Vistro intelligently applies a minimum recall to the left-turn signal group.

This update also strengthens ICA validation by enforcing stricter checks on detection and recalls, eliminating errors caused by missing activation configurations. Fixed-time controllers remain unchanged, with no detectors automatically created. Together, these enhancements ensure that ICA calculations run reliably, reducing manual adjustments and improving accuracy throughout both planning and simulation workflows.



Default Signalization for Semi-Actuated controllers



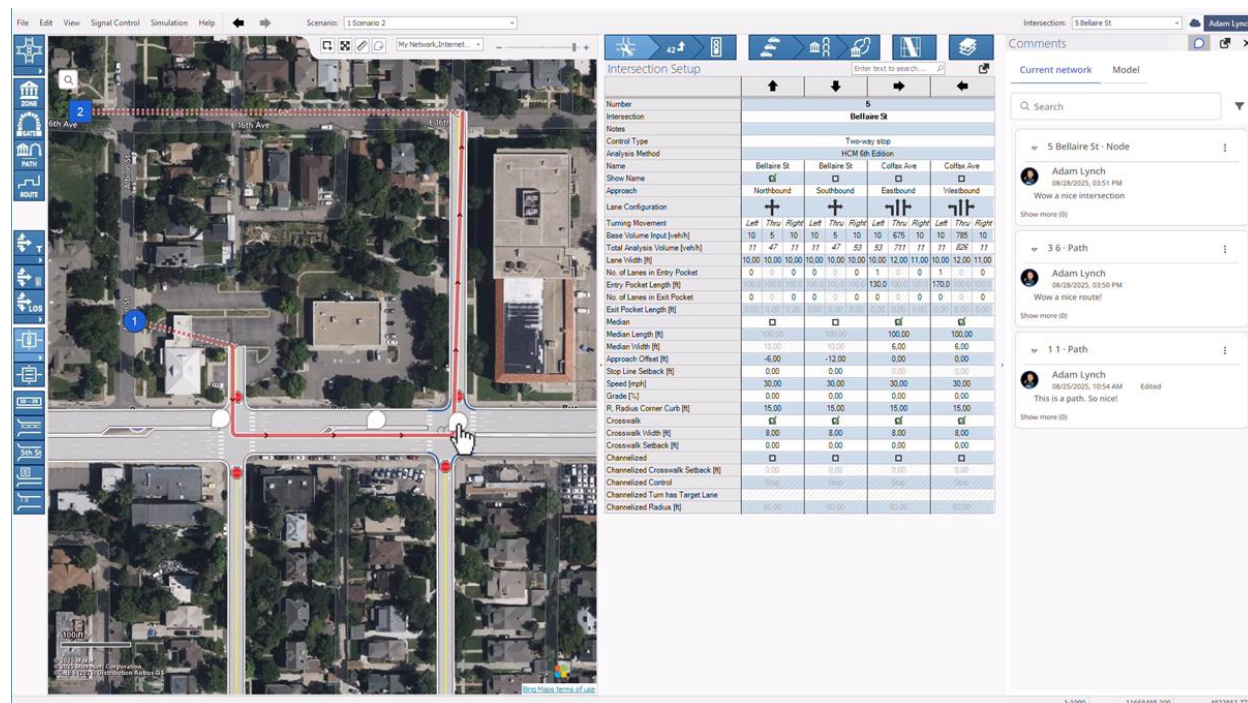
Default Signalization for Fully-Actuated controllers

3 Graphical Editors

3.1 Enhanced Vistro Selection Tool

PTV Vistro 2026 integrates the PTV Visum Selection Manager, providing a synchronized global selection system. Any selection made in the network editor is instantly reflected across all active views, including the Comment view. Users can graphically select junctions, zones, and gates, and then use a context menu to add comments or retrieve object IDs.

This integration also lays the foundation for future multi-selection capabilities, enabling bulk operations such as delete, copy, and paste, as well as exporting selected objects as sub-models for collaborative work with agencies and consultants.

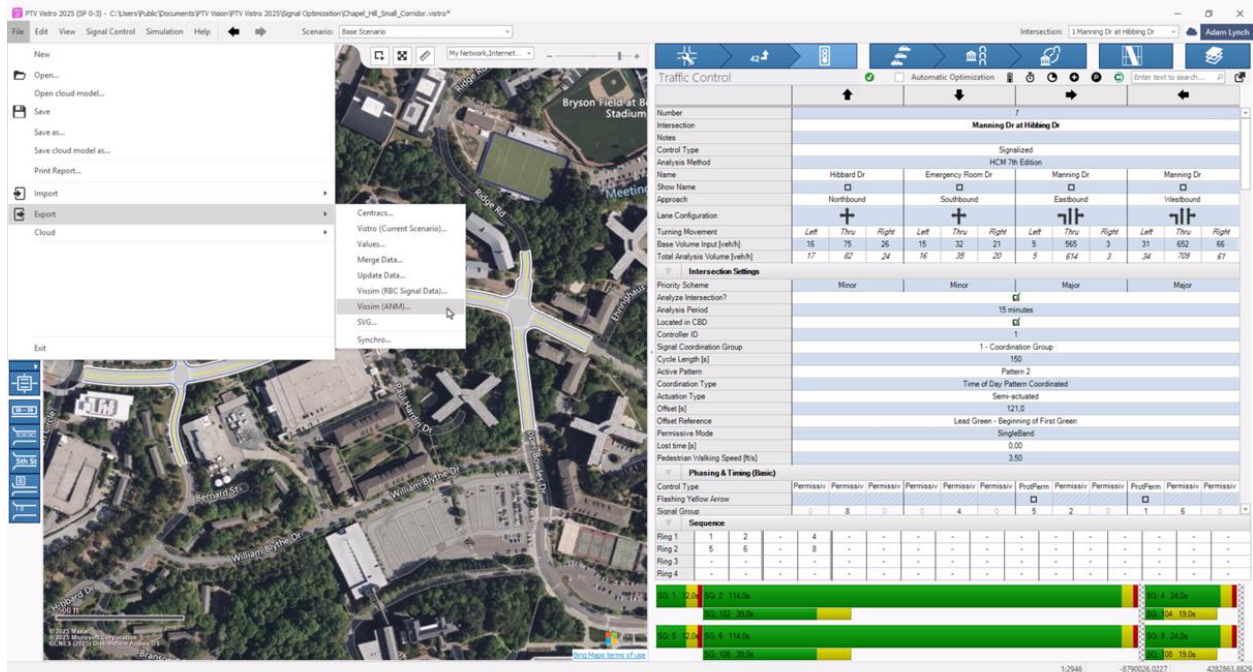


Selection enhancements for commenting and future improvements

4 Export

4.1 pRBC Signal Data Exchange with Vissim

PTV Vistro 2026 delivers full two-way pRBC integration with PTV Vissim. Users can import and export pRBC signal files, ensuring that signal timing plans and time-of-day patterns remain consistent between planning and simulation. Adjustments made in one platform can be applied in the other without reconfiguring geometry, resulting in faster and cleaner workflows. This shared signal format strengthens collaboration between design and simulation teams while improving overall model precision.

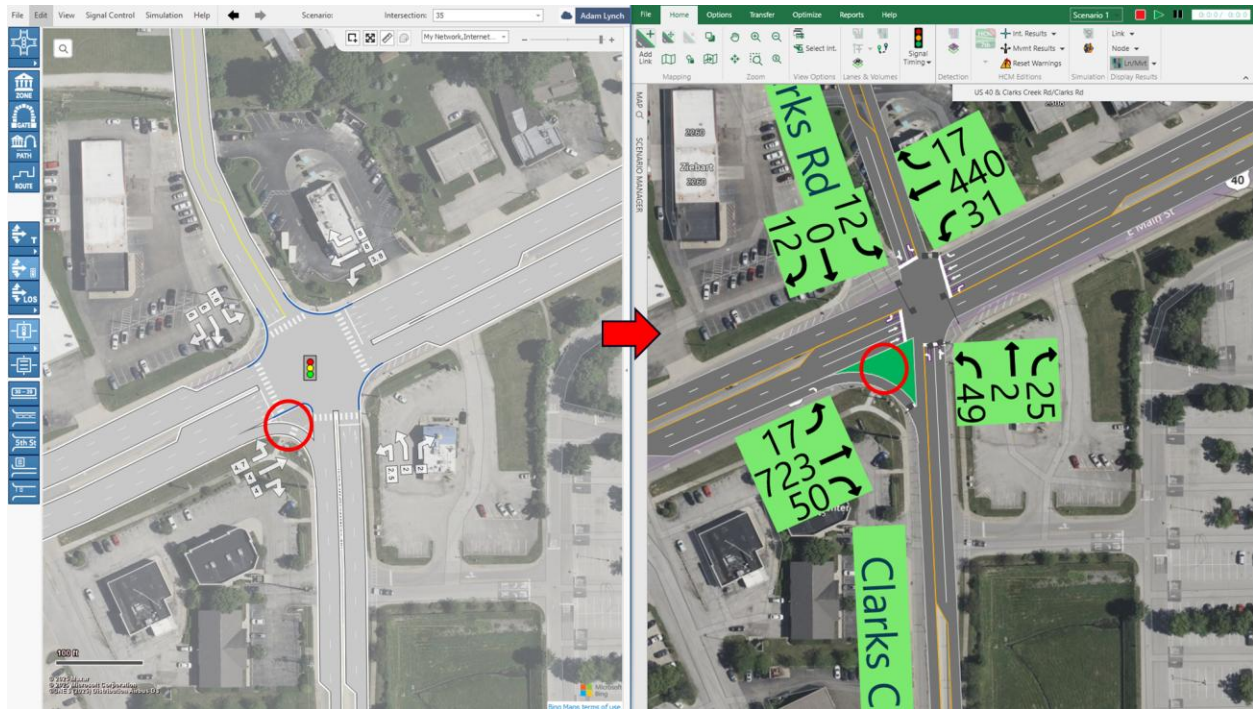


Export of pRBC files for Vissim

4.2 Synchro Export Improvements

PTV Vistro 2026 enhances its Synchro import/export workflows by keeping node numbers consistent with Vistro's numbering system during export. Channelized turn data is now transferred more accurately between Synchro and Vistro.

In addition, when importing UTFD data, offset references, coordination types, actuation types, and "rest in walk" settings are preserved when only phasing data is updated. These refinements eliminate common error messages and reduce manual corrections, resulting in more efficient and reliable data exchange.



Improved export of channelized geometry, node numbers, and signal phases

5 Technical changes

5.1 Updates to Telemetry

Information about usage of the software is important for us to continuously improve the software. For this reason, PTV Vistro collects anonymized telemetry information and metrics on software usage and System Environment. PTV does not store personal data for that purpose, and we cannot trace back the data to an individual. In accordance with the recent judgment of the Court of Justice of the European Union of 4 September 2025 (Case C-413/23 P), the collection of telemetry data is therefore continuously active in PTV Vistro 2026. To reflect this change, our Data Privacy Statement has been updated to provide more detailed information about the data collected.