PTV Vistro 2 Release Notes

PTV GROUP

the mind of movement

Last modified: 2013-08-13

2.00-01 [81210]   2013-08-12

⊕ New Features and Changes

Main window:

⊕ Help: Accessing help will now open a .chm document. **(1119)**

Reporting:

⊕ Background images: Reports now contain the background images that are visible in the graphical editor. **(1117)**

✓ Fixed Bugs

File import / export:

✓ Synchro import, detectors: Handling of detectors in Synchro import was improved. Length and location will now be retained. **(1118)**

Trip assignment tab:

✓ When a path is deleted the view no longer jumps to the top. **(1043)**

2.00-00 [80984]   2013-07-31

⊕ New Features and Changes

Data model:

⊕ Coordination Type: The value 'Coordinated' was replaced by the values 'Time of Day Pattern Coordinated' and 'Time of Day Pattern Isolated'. **(999)**

Dialogs:

⊕ License number: The license number is now shown in the 'About' dialog. **(1032)**

⊕ Units / Direction of traffic: When the unit type or direction of traffic is changed, new networks will automatically have the new setting. **(953)**

File import / export:

⊕ ANM, Detectors: Files generated for Vissim now contain more consistent detector data. **(690)**

⊕ SVG: It is now possible to export a screenshot of the network as a SVG file. **(1113)**

⊕ vistropdb: Double-clicking on .vistropdb files now will open this file in Vistro. **(455)**

Graphical editors:

⊕ Copy intersections: It is now possible to copy intersections with all their data (lane configuration, signal timing, ...). **(14)**

⊕ OSM maps: OSM maps are now supported. **(160)**

⊕ Queue lengths: It is now possible to see maximum queue lengths in the graphical editor. **(972)**

Installation:

⊕ University version: There is now a Vistro version for universities. **(691)**

Intersection setup tab:

⊕ Channelized control: Channelized control can now have the value 'Without'. **(956)**

⊕ Channelized control: When the channelized control on two-way stop intersections has the value 'Without', this is now taken into account in the calculation of conflicting flows. **(166)**

Main window:

➕ Menu: Vistro now shows a list of most recently used files. **(277)**

Network optimization tab:

➕ Coordination group: The coordination group of each signalized intersection is now shown in the time-space diagram. **(600)**

➕ Two directions: It is now possible to see a route and its reverse route at the same time. **(331)**

Non-graphical editors:

➕ Reverse paths and routes: Vistro now allows adding paths and routes in reverse direction. **(516)**

Reporting:

➕ Fair share analysis: The report now contains fair share analyses. **(92)**

➕ Signal warrants: Population < 10,000 now accounted for in the Signal Warrant analyses. **(924)**

Traffic control tab:

➕ 50th percentile queues: 50th percentile queues are now calculated and reported. **(928)**

➕ Flared approaches: Vistro now supports the calculation of flared minor approaches on two-way stop controlled intersections. **(912)**

➕ ICU 1, ICU 2: Base Saturation Flow can now be edited globally for ICU 1 & ICU 2 methodologies. **(925)**

➕ Rank 1 movements: Columns for rank 1 movements now only show relevant values. **(1065)**

➕ Timing diagram: It is now possible to edit signal timings directly in the signal timing diagram. **(176)**

➕ Two-stage gap acceptance: Vistro now supports calculation of minor approaches with two-stage gap acceptance on two-way stop controlled intersections. **(932)**

➕ Upstream filtering factor: Now provides support for signalized upstream filtering for HCM 2010 through the upstream filtering adjustment factor, I. **(929)**

Volumes tab:

➕ Bus stopping rate: Number of bus maneuvers on the approach is a volume entry. F_{bb} is now calculated based on this entry. **(926)**

➕ Heavy Vehicle Percentage: Heavy Vehicle Percentage is now input and stored by movement (was previously by approach). **(923)**

➕ Parking: Number of parking maneuvers by side of street on the approach is a volume entry. F_p is now calculated based on this entry **(927)**