

Last modified: 2013-09-23

2.00-02 [81857]

2013-09-20

✓ Fixed Bugs

File import / export:

- ✓ ANM, overlaps: When overlaps existed, it was possible that the simulation in Vissim was aborted. This issue was fixed. **(1127)**
- ✓ Pattern schedule: It was possible that in special cases data was entered for the wrong pattern in the Rbc controllers in the ANM export. This issue was fixed. **(1131)**

Reporting:

- ✓ Chinese: Reports can now be printed correctly in Chinese. **(1130)**

Traffic control tab:

- ✓ Fully actuated controllers: For fully actuated controllers it was possible that the control type in the lane group sub-tables was different from the control type in the Phasing & Timing sub-table. The reason for this was that the cycle time was calculated incorrectly. The fix changes calculation results for this type of controller. **(1128)**

! Breaking Changes

Traffic control tab:

- ! Fully actuated controllers: The calculation results for fully actuated controllers will be different. **(1128)**

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)**

Traffic control tab:

- ✓ Permitted/Protected and Sneakers: Sneakers are now also taken into account in permitted/protected settings. This increases the capacity and reduces the delays. **(1125)**

Trip assignment tab:

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

! Breaking Changes

Traffic control tab:

- ! Permitted/Protected and Sneakers: Sneakers are now also taken into account in permitted/protected settings. This increases the capacity and reduces the delays. **(1125)**

+ 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)**