

Last modified: 2013-12-19

2.00-05 [83887]

2013-12-18

+ New Features and Changes

File import / export:

- + Synchro / ANM projections: Projections in Synchro or ANM files are now taken into account in the file import. **(1185)**

Traffic control tab:

- + 50th Percentiles: 50th percentile queue calculations were removed for TWSC, AWSC, and roundabout analysis. **(1187)**

✓ Fixed Bugs

Graphical editor:

- ✓ Unbalanced flows: Unbalanced flows now take into account u-turn volumes. **(1191)**

Optimization:

- ✓ U-Turns: Vistro no longer crashes in the network optimization when there are two adjacent two-way stop intersections that have u-turns. **(1183)**

Traffic control tab:

- ✓ Translations: The values in the 'Control Type' row in the sub-table 'Phasing & Timing' where sometimes not translated correctly when the language was changed. This issue was fixed. **(1182)**

! Breaking Changes

File import / export:

- ! Synchro / ANM projections: The .anm files written with Vistro now require Vissim 5.40-11 or higher and Vissim 6.00-09, respectively. **(1185)**

2.00-04 [83487]

2013-12-02

+ New Features and Changes

File import / export:

- + File name: When the "Save as..." dialog is used, Vistro will now supply better defaults for file names. In particular Vistro will no longer display the name of an old file if the "New" button was used after the older file was loaded. **(619)**

Main window:

- + Oversize: Vistro now shows in the titlebar whether the size of the network exceeds the size of the license. **(1095)**

Optimization:

- + Cancel: Optimization now finishes quicker when 'Cancel' is hit. **(436)**

Volumes tab:

- + Data rows: Certain data rows are now only shown for certain control types. For example, the data row 'Local Bus Stopping Rate' is only shown when the intersection is signalized and the analysis type is HCM. In other cases this value is irrelevant for the calculation on the traffic control tab. **(1100)**

✓ Fixed Bugs

File import / export:

- ✓ .ver import: After a .ver file was imported, clicking 'Save' no longer results in an error message. **(1160)**
- ✓ Extensions: Files are now always exported with the correct extension (for example .ver, .anm, etc.). **(1144)**

Reporting:

- ✓ Chinese: Reports can now be printed correctly in Chinese. **(1170)**

Scenario management:

- ✓ Detectors, Vissim: In certain cases it was possible that detectors did not work correctly in the Vissim preview or Vissim simulation. This issue was fixed. **(1162)**

Traffic control tab:

- ✓ Intersection V/C: The value 'Intersection V/C' was calculated incorrectly, if the critical path contained a lane group with an overlap. This issue was fixed. **(1168)**
- ✓ Time of Day Pattern Isolated: When the coordination type is 'Time of Day Pattern Isolated', the 'Coordinated' values in the 'Phasing & Timing' sub-table are now editable. **(1177)**
- ✓ Vissim preview: When the traffic control tab was open and the Vissim preview was started, the layout of the traffic control tab was corrupted. This issue was fixed. **(1037)**

2.00-03 [82623]

2013-10-24

+ New Features and Changes

Main window:

- + Help menu: The Help menu now has a new entry 'Open Examples Folder'. **(1082)**

✓ Fixed Bugs

Dialogs:

- ✓ Global Settings: When the scrollbar was used in the global settings dialog and the dialog was opened a second time, no scrollbar appeared, and not everything was visible. This issue was fixed. **(1047)**

File import / export:

- ✓ Extensions: Vistro will now always add the correct file extension to filenames. For example, when the menu entry 'Save as..' is used, the name 'File.vistropdb' will now automatically be changed to 'File.vistropdb.vistro'. **(1134)**
- ✓ Project files: Opening a project file with a double-click in the Windows Explorer now works correctly. Before this fix the window title was changed but projects were in many cases not loaded correctly. **(1133)**
- ✓ Synchro import: Signal groups are now also correctly assigned to turns on intersections that share a controller with another intersection. **(1126)**
- ✓ Synchro import: Synchro files can now be imported if they contain detectors that lie downstream of the stop line (i.e. inside the intersection). **(1142)**
- ✓ Synchro: After an import crosswalk widths are now correct. **(1120)**

Non-graphical editors:

- ✓ U-Turns: When a U-turn is closed, the column will now be removed, not only deactivated. **(1088)**

Reporting:

- ✓ File name: The name of the current network file is now always printed correctly in the report. **(1135)**
- ✓ Mitigation tab: When a report was printed the layout of the mitigation tab was damaged. This issue was fixed. **(1085)**

Scenario management:

- ✓ Loss of scenario data: It was possible that problems when working with scenarios (for example network connectivity) lead to a wrong state that caused scenario data being overwritten. Vistro no longer enters the wrong state. **(1137)**

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)**

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)**

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)**