

VISUM Release Notes

Version 9.5

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Discarded Program Crashes

- ▶ *Drawing flow bundles*: VISUM no longer crashes while drawing flow bundle bars if the section contains polygons with over 2048 points. (5317)
- ▶ *Difference network*: If a difference network cannot be opened (e.g. due to mismatching PuT directions), VISUM no longer crashes upon display of the respective message. (5313)

Network Editor

- ▶ *SINGLESELECT NODES - [LINK ORIENTATIONS]*: Following alterations of orientations, the program now always discards any resulting faulty topology. (5315)
- ▶ *TSys selection*: When editing TSysSets via MULTISELECT EDIT - CONSTANT or when filtering for TSysSets, users can now select only those TSys which actually make sense regarding the respective network object, e.g. just PuT line TSys at stop points or any TSys but Walk at turns. (5064)
- ▶ *Copying a line*: VISUM now also includes the main line reference when copying a line. (5322)
- ▶ *Coupling sections without coupled time profiles*: are now deleted at the end of all read operations (version & network files). (5318)
- ▶ *Zones*: The use of connector shares now also works correctly if the total of weights over all connectors exceeds $2^{31} = 32768$ at a zone. (5335)

Network Graphics

- ▶ *Printing*: Background items on "old" legends are printed correctly again. (5309)

COM Interface

- ▶ *Go to*: In a Go To loop, the current counter can now also be accessed via COM. The attribute is called *CurrentCounter*. It is part of the attribute interface of procedure "Go to the operation". (5310)

Add-Ons

- ▶ *LineCosting - Defining a territory*: In the past, links with a ToNode that exactly coincided with the position of the FromNode and that were located in the enclave of a territory, used to be considered as part of the territory. This led to falsified results in the calculation of territory indicators. The error has been fixed. The specified situation has yet occurred very rarely in practice. (5319)

Miscellaneous

- ▶ *Save version*: Query "Save version?" is only issued if changes have occurred since saving the version last. (5314)
- ▶ *Read XML file*: Attribute *PrTVolumesPara.NumDecPlaces* is always imported correctly when reading XML files. The faulty performance so far sometimes led to the unnecessary rejection of assignment results when reading in XML files. (5321)
- ▶ *Difference networks*: Problems caused by a memory shortage no longer occur when repeatedly opening difference networks. Even before loading a difference network, the current network is now entirely deleted. (5334)