

TRANSYT 13.1.1 RELEASE NOTES

TRANSYT 13.1.1 was released on 12th October 2009.

A summary of changes incorporated into this version of the software is given below. A revised User Guide (Issue F) accompanies the software which has been changed to reflect changes to the software. A new TRANSYT-AIMSUN LINK User Guide is also provided.

Summary of changes to the software:

Add-in Component changes:

- ◆ TRANSYT-VISSIM LINK: Additionally, works with latest VISSIM v5.2 (sp2 onwards)
- ◆ **NEW:** TRANSYT-AIMSUN LINK: Works with AIMSUN v6.1

GUI changes:

- ◆ NetCon: Simple representation of the existence of flares on links
- ◆ NetCon: The "connectors" of unconnected sources now displayed (and can be re-attached from within NetCon)
- ◆ Problem with removing intergreen conflicts is fixed
- ◆ Opposed right-turn model RR67 option now correctly 'de-selected' when disabled
- ◆ Export to TRANSYT 12 feature now prevents excess queue penalties, which are too high for TRANSYT 12, being exported
- ◆ Flow Allocation Tool: Problem associated with when exit links are not specified is now fixed.
- ◆ Flow Allocation Tool: Separate Allocation Type, Percentage Flow and Fixed Flow values for each Demand Set is now allowed.
- ◆ Memory leak associated with running CTM for a while is fixed.
- ◆ Various other minor/trivial bug fixes

Modelling changes:

- ◆ Revision to queue limit calculation for the CTM model
- ◆ Initial queue lengths are now taken account of (in the random delay calculation) when only one time-segment is used. Previously only applied when using multiple time-segments to specify time-varying flows.
- ◆ Cell Transmission Model: Size of network limitation has been lifted and replaced with a warning message instead.

Summary of changes to User guides:

Main Guide (AG63):

- ◆ Section 9.6 updated: Flare representation in NetCon

- ◆ Section 18.8 updated: First paragraph: "...is the recommended method when using the platoon dispersion model (PDM)" should have said "...is the recommended method when using the cell transmission model (CTM)"
- ◆ Section 9.4.7 updated: Now explains how to re-connect disconnected connectors between links.

TRANSYT-VISSIM LINK User Guide

- ◆ Revised to reflect changes for link to VISSIM 5.2

TRANSYT-AIMSUN LINK User Guide

- ◆ First Edition – Issue A

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The current version of TRANSYT is always shown on the product website at www.trlsoftware.co.uk/TRANSYT. If a new version is available, maintenance holders can download the new version at any time via our download service by following the steps below:

1. Send an email to software@trl.co.uk stating your name, customer ID and site, and requesting a download code for TRANSYT STANDARD or NETWORK VERSION. You may also telephone or fax the Software Bureau.
2. You will be provided by return with a Download ID, which will be valid for that calendar day.
3. Browse to www.trlsoftware.co.uk/downloads
4. Enter your download ID and press the Submit button. The download for the appropriate version of TRANSYT will then begin automatically.
5. Open the downloaded .zip file and run SETUP.EXE. This will replace your existing version of TRANSYT with the new version.
6. Please note that you should NOT need a new unlock code to run the new version. N.B. TRANSYT 13, TRANSYT-VISSIM LINK and TRANSYT-AIMSUN LINK use separate unlock codes.