

CONTRAM 8.2a Release Notes

Changes from 8.1f

Installation

Improved installation program fixes a number of issues with Windows XP, including avoiding having to manually install the dongle drivers.

Printing

Fixed problem with incorrect key legends being printed if some data were displayed using bandwidth only (i.e. no link boxes).

Data display

Extra link data items are now available from the 'Advanced' drop down box in the Link Data template.

Different ranges of times slices can now be defined for each link data display item.

Fixed problem whereby route analysis display settings were lost after printing.

Matrix estimation

Program now stops with an error message if non-existent link or turning movement defined in the .mec or .mew files. Similarly if an undefined count class number is specified.

Program stops in a controlled manner when the 'Close' button on the progress window is clicked.

If a .bin file for the defined .net file exists then it will be used in the estimation, provided it is newer than the .net file. Otherwise the estimation will begin with an assignment.

.mes files can be selected from the Run->Batch menu, allowing several matrix estimation runs to be set up and then run without further user intervention.

When the option 'Keep intermediate results' is selected then the intermediate matrix files will overwrite any existing files with the same name (previously the intermediate matrix files would not have been saved if there were existing files with the same name).

Fixed bug whereby certain error reports referring to input files with very long path names could cause the program to crash.

A re-engineered version of the software is being developed that reduces memory requirements and allows much larger problems to be run. This is available for beta testing, on request.

Other graphics

Fixed problem with display of signal plan number in signal plan template.

Fixed various problems caused by deleting a signal plan.

Extended number of time slices displayed in the time slice selector drop down box to 300.

The option Run->Delete results file now asks the user to verify their decision before proceeding.

Vehicle type for 6th line of default FUEL table corrected to R154H (was R154L)

Fixed bug whereby only 7 user classes displayed in Build->Relationships->Category->Restricted access template

Fixed bug whereby Data->Network would not work if the network file name contained a ‘.’

New features

Link autoshape feature. This is accessed through Build->Auto offset links or CTL+A, then click on the help button for more details.

Network views can be saved and loaded (through File menu). View files contain information on the data displayed, the section of the network view etc. (for more details see help file: Analysis Tools->Save and Load Views)

Option to select the text editor to view files from the Data menu. (View->Select Text Editor)

Signal times from an assignment with optimised signals can be extracted in the format of a SIGNAL_PLAN table (Data->Extract->Signal Plan Data).

Assignment engine

Signal co-ordination calculations corrected so that co-ordination does not affect random part of the queue. 8.1f-type calculations can be retained by setting the option 8.1f co-ordination to ‘True’ in the Build->Defaults->Signals template.

Tidying up and correction of table headers.

Correction to use of initial queue in signal optimisation.

Correct link number now reported in error message if a fixed route has a repeated link.

Improved error messages for time-outs.

Various changes to improve run times.

Correction of flare calculation.

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