

CONTRAM 8.2b Release Notes

Changes from 8.2a

Dongles

Dongle checking routines updated to avoid interruption to assignment on some Windows XP installations

USB dongles now supported

Data display

Rho now displayed to 2 decimal places (3 decimal places was considered excessive by some users)

Previously data type, time slice and class were sometimes missing from the link data display template. This has now been fixed.

Fixed bug with automatic calculation of bandwidth display ranges when 'Custom' time slices selected

Matrix estimation

Last character truncation in time slice display is now corrected.

Other graphics

When a link has green time in the last and first stages of a cycle (e.g. 3 and 1) a single line is now written to the SIGNAL_TIMING table. Previously two lines were written leading to the possibility of the inter-green time being double-counted.

'Transparent' toolbar buttons introduced so that their background colour is the same as the standard Windows background colour

Display of 'Advanced' link data is now saved correctly to .VIW files

Display of node numbers, zone numbers, link arrows etc. is now saved correctly to .VIW files

Signal plan extraction now deals with more than one decimal place in the signal plan number

Bug corrected in reading of route data bin file (previously route analysis could lead to an error message)

Class relative PCU factor can now be saved to 2 decimal places

New features

Batch facility for link route analysis (Tools->Batch select link)

'Find node' routine now finds the node requested and highlights it

Assignment engine

Stopping the assignment by pressing the right hand top corner cross now works properly

An intermittent error leading to corruption of one line of the demand array by signal data has been corrected

Estimated proportion of packets assigned can no longer exceed 100%

Some rationalisation of error/warning counters and messages

Correction to error in printing signal plan number, esp. to print correct number of decimal places

Occasional spurious 'cannot compress routes' due to filename error avoided

Occasional missed end-of-file when reading binary file avoided.

Time-slice range for ITS diversion active (esp. if only one time slice) now operates correctly

Enhanced logging of ITS diversion routes and their optimal continuations

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