



System Release Notes

System	Austrics
Release Version	10.5.0
Release Date	26 th October 2020

Description

Austrics v10.5.0 is a major release of the Austrics software for 26th October, 2020.

This release includes the following major items available to customers.

- NZ Restbreaks – Phase 2b
- Expanded to allow for 99 depots in Crew Scheduling
- Mosek upgraded to version 9.2
- Trip Editor Session Management improvements.

Also it provides fixes to service requests as documented in these release notes. All customers are advised to upgrade to this release to take advantage of the new features and service request fixes.

New Features included in this release categorised into the Austrics module where possible, or under a general category with a specific heading matching the item.

PLAN

Reference #	Summary
3145	Set & Create Default For Various Files now includes filetypes: rtor, ntan, worknb, snum & dallow
3236	OSM mapdata conversion to exclude car parks and side walks from the import

FLEET

Reference #	Summary
2989	Trip Editor – Slow Performance improvements
3044	Speed improvements in providing the list of routes when opening the Depot run/route grouping data file
3058	Trip Editor - Additional coding to the remembered state function to allow the saving of a session and returning to that session on reopening the tool
3059	Trip Editor – rail mode - show trip adjustments
3241	Trip Editor – Runs View – adjustment to filtering trips when assist linking mode active.
3276	Trip Editor – Save settings for additional slave views
3277	Trip Editor – Ensure Screen View buttons match slave screen views on session start up.
3278/3456	Trip Editor – when using Master/Slave views the active screen will have a green border while the inactive screens will have a red border for all views
3336	Trip Editor – Additional checks to accept an empty list box
3343/3344/3345/3346/3349	Trip Editor – adjust code for dragging data in multiple views to increase performance
3361	Trip Editor – adjust remember state code to refresh data on startup of an existing loaded session when using master and slave views.
3380	Trip Editor – Remembered Settings – rework on handling the saved settings
3382	Trip Editor – Vehicle Class Colours – rework in rail mode to save changed vehicle class colours. Only registered colours are saved.
3383	Trip Editor – Zigzag Preferences – settings are saved
3384	Trip Editor – Zigzag View – centre label details within the box for easier reading.
3385	Trip Editor – Zigzag View – Rework line thickness and style and activate depot details
3394	Trip Editor – Zigzag View – rail mode – background colour is saved in the session manager
3428	Trip Editor – Allow non rail mode to have 1 slave screen
3450	Trip Editor – Vehicle Classes on a trip have been reworked for selection and saving.

CREW

Reference #	Summary
2970	Improve shift in the Shift Editor to allow for non service work to be covered.
2980	Changes to the Driver Journals to allow for additional NZ restbreak details to be printed
3051	Increase the allowed depots to 99 in data access
3053/3054	Automatically generate depot letter for the increase to 99 depots
3133	The Duty Allocation Report to read the new employee data
3163/3190	Shift Editor – show possible repositioning on Uncovered run activities
3245	Remove symbols on Restbreak Duty Sheets shown only after PDF conversion.
3250	Include additional null safe condition checks to staff car graph program to accept user data.
3269	Adjust mataallow data entry to allow all customers to enter allowance data attached to a class of shift as entered in the mataward data if required.
3271/3291	Shift Editor – additional checks for matching shift and trip data when relief point and terminus nodes are different but the time is the same
3285/3358	Shift Editor – if Shift filter active only show selected shifts
3288	Shift Editor – Additional checks for the matching of the variable day driver shift data against the trip data to avoid incorrect uncovered trip data error reporting.
3295/3296	Adjust jswa data entry for “route display id” for sites requiring this feature.
3317/3330	Shift Editor – adjust sorting of bobi data to avoid possible null trip objects.

ROSTER

Reference #	Summary
3366	When printing the period roster print 24:00 for shift sign offs at midnight for specific customers

TOOLS

Reference #	Summary
3222	Bundledata process to include repositioning data files and zpaths files

GENERAL

Reference #	Summary
3144	Batch Scheduling Interface to use the Matcru Vehicle Linking process.
3266	Check data access locking at second intervals to show locked file status on Files Out quicker.

INTERFACES

Reference #	Summary
3293	Allow data to be imported via AuIS or GTFS if zero running time between timing points.

OPTIMISATION

Reference #	Summary
2502	Additional checks added to matopt when reading matcru schedules for legal shifts.
2663/3010/3017	New Zealand Rest and Meal Break Legislation – Phase 2
2750/3021/3230	Upgrade to matcru to use Mosek 9.2
3042	In the Shift Optimisation if the schedules are split into multiple depot output production schedule files provide a Schedule Book List file with all the schedule filenames.
3048	Adjust how the default minimum sy is handled as a gap filler on driver shifts.
3228	Additional checks added to matopt code on sign on and sign off allowances.
3244	Shift Idle Time default action may be changed on late shifts if required to meet matcon data requirements by being placed at sign on time instead of normal sign off time.
3286	Added switch dependency to matopt to detect proscribed transfers and avoid shift completion errors.
3307	Change to interpretation of shifts in RUN data setup for isdep and joinsup configurations in including a buffer when returning and exiting the depot.
3373	Code changes on handling staff bus movements in matopt to utilized staff buses instead of service buses if required to meet bus limits when the data provides both options at a relief point/terminus.

INSTALLATION INSTRUCTIONS:

Please contact support@trapezgroup.com.au to schedule a time to perform the upgrade.