Austrics 23.3

Release Notes

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INTRODUCTION

Austrics 23.3 introduced several significant changes to the platform to enhance the user experience including increased Electric Vehicle Functionality, improved matcon validations & further optimisation controls.

As with all coming Austrics releases, you will also notice the Windows platform is continuing to be improved and rolled out over all clients.

So, what else is included in this release?

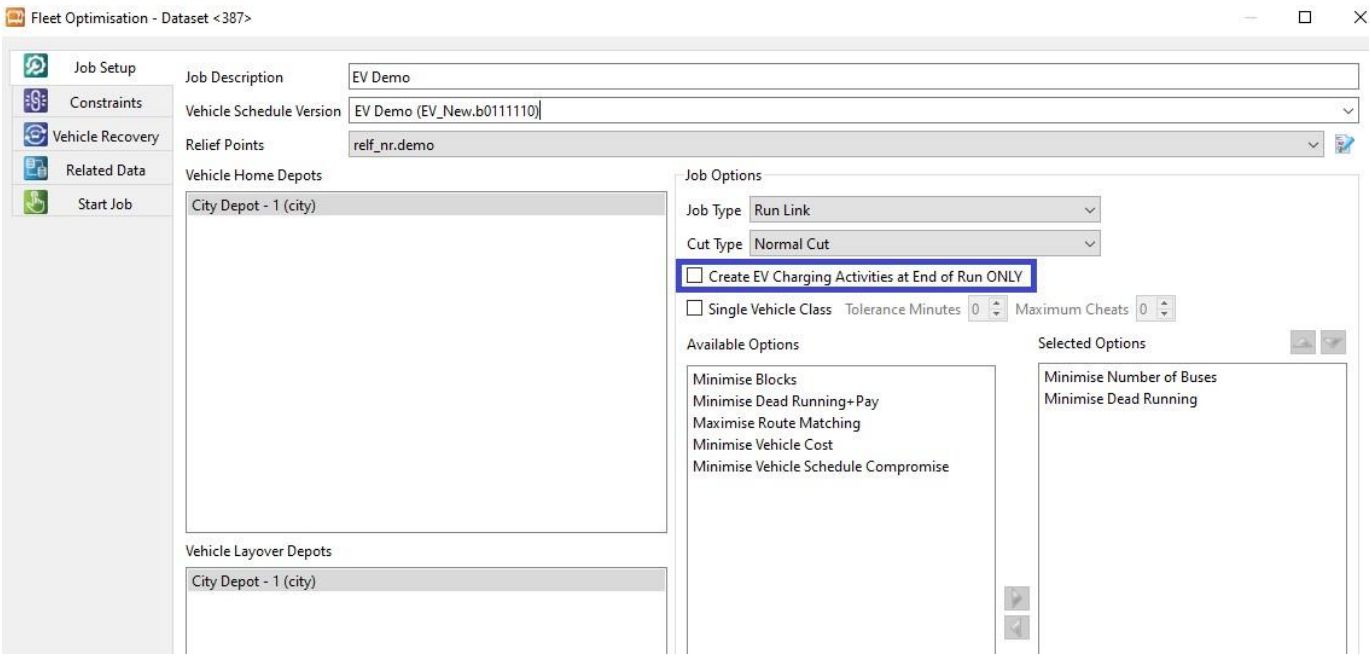
NEW FEATURES

Electric Vehicle – End of run charging

For clients who require end of day EV Vehicle charging, there is now the ability to control this. Once turned on the fleet optimisation will only allocate charge activities at the end of the days run.

This can be configured by turning on the below tick box on the fleet optimisation screen, please remember this will only apply to EV Vehicle Classes which have been set in the VClass file.

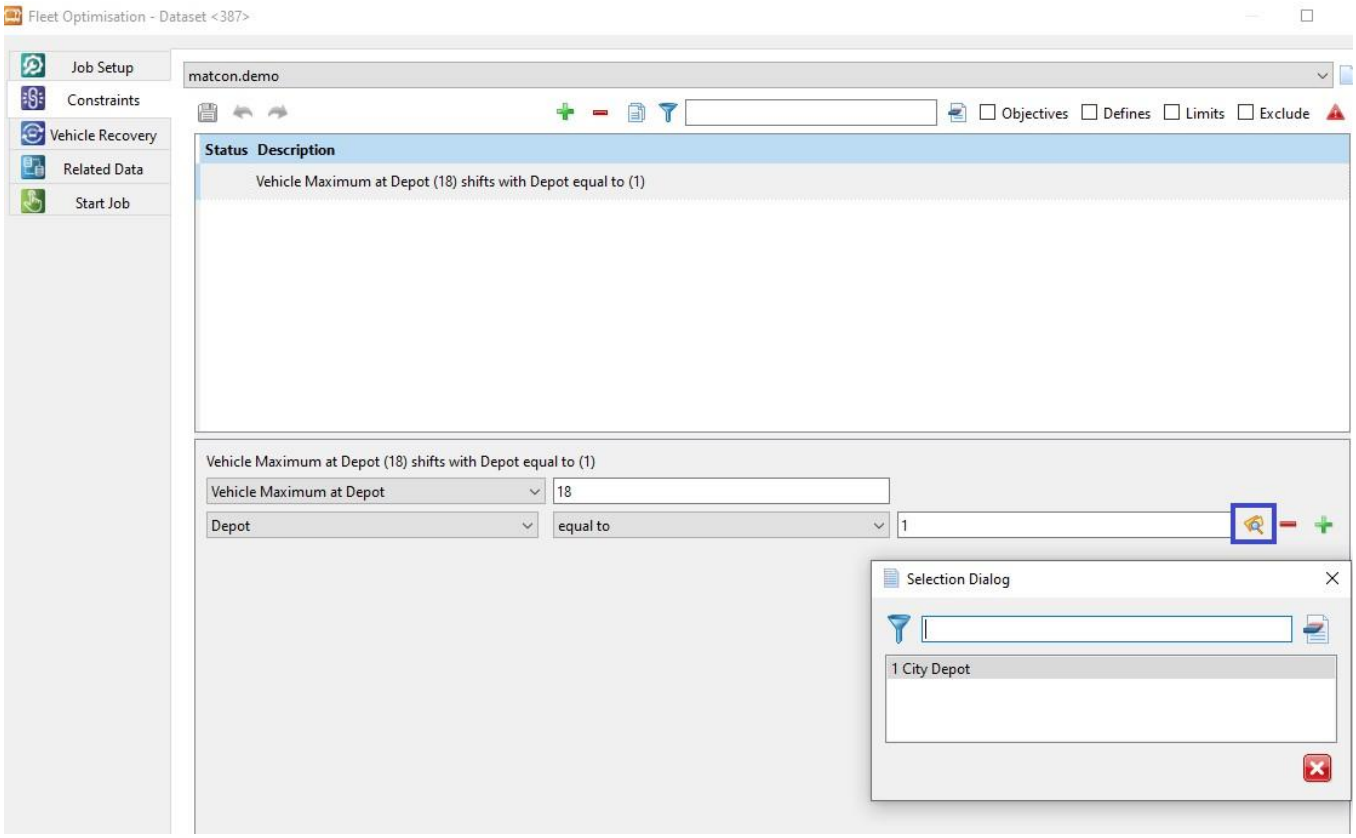
'Create EV Charging Activities at End of Run ONLY'



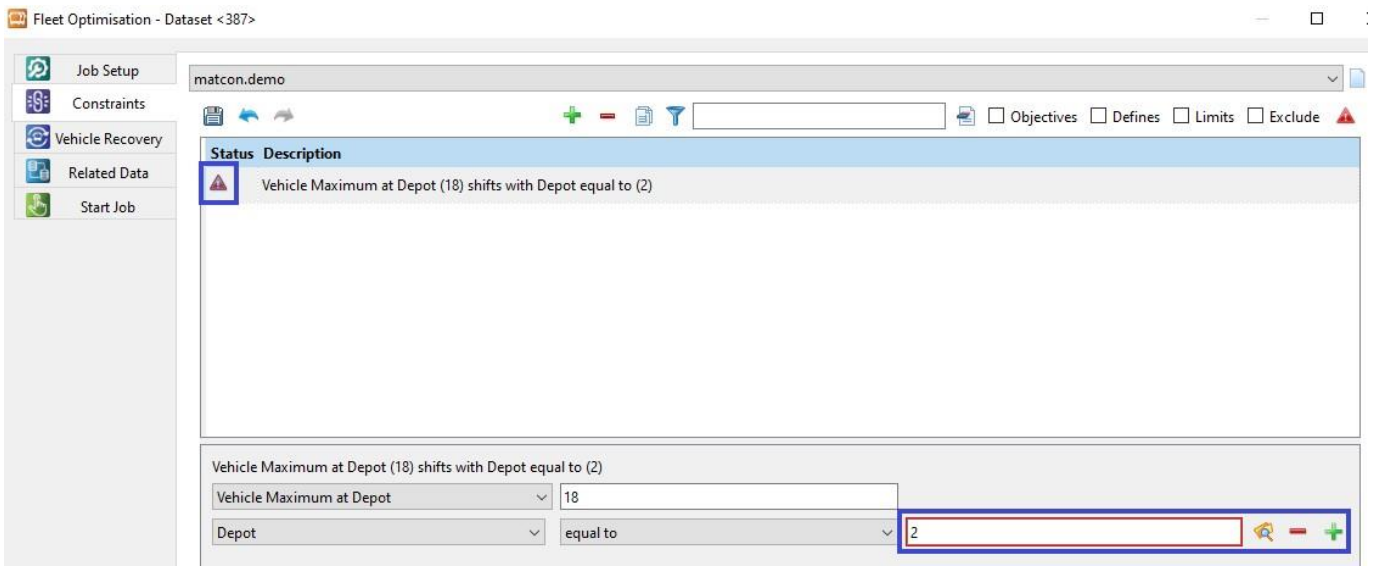
Matcon editor improved validations

There have been multiple improved validations added to the matcon editor in 23.3. These have been developed to assist users in creating valid matcon records without errors.

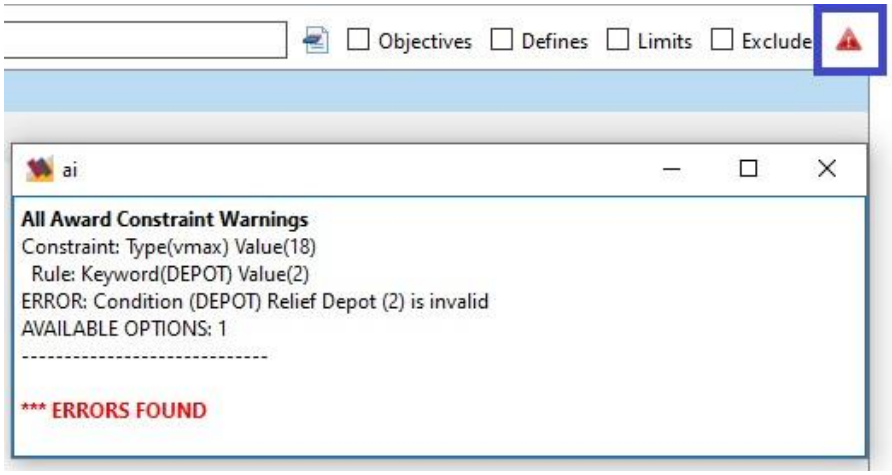
You will notice several of the keywords now activate a drop-down list on the right-hand side; for example, when a 'Depot' is selected the depots will be populated from the relief point file.



This will allow the user to select the required depots from the list and will populate the record. If an invalid Depot is manually entered into the field a validation warning will be created.

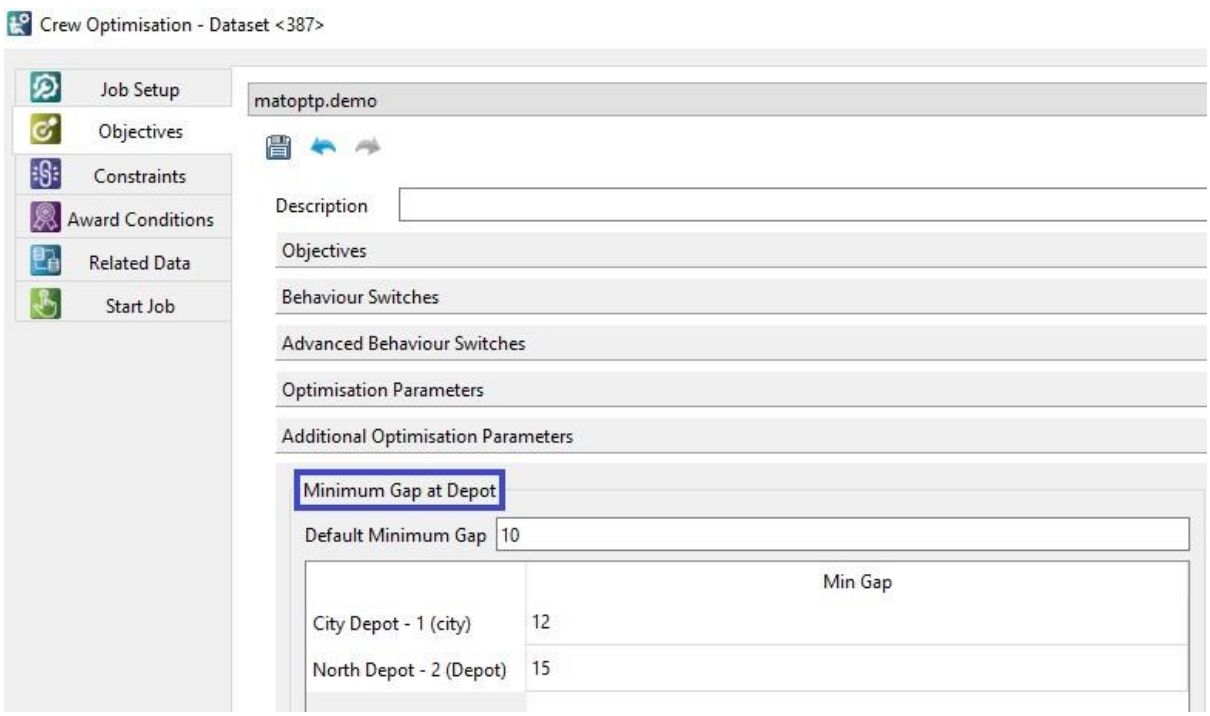


Additional information can also be found by selecting the error symbol in the right-hand corner of the interface.



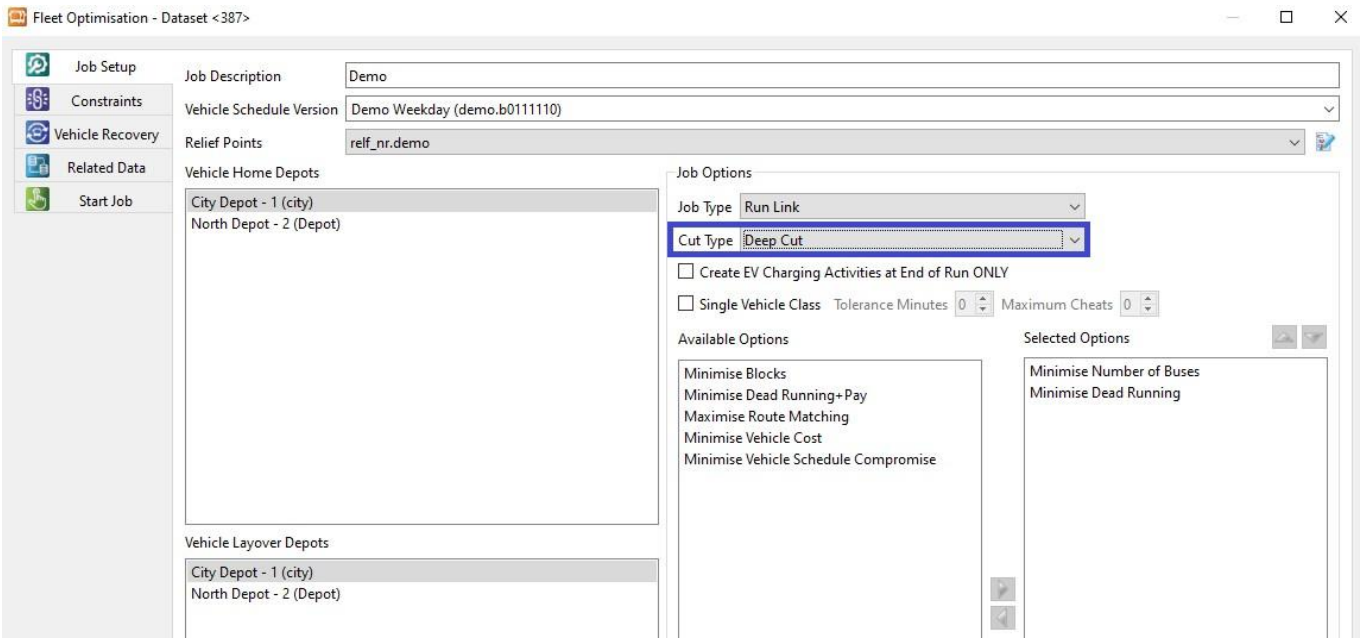
Minimum gap at depot

The minimum gap function gives the user the ability to set a minimum time a vehicle must be in a depot before exiting again on the day. This has previously been a global rule for all depots; however, users now have the ability of adjusting this for unique depot requirements.



Deep cut optimisation option

Users who are looking for improved optimization results in Austrics are used to our “Automatic Reruns” feature, allowing the Austrics Optimizer to feed in its previous best result and look at improving on it. With the release of Austrics 23.3 there is now “a new lever that can be pulled”. By selecting “Deep Cut”, together with a generous number of Reruns, the Austrics Optimizer will put extra time and resources into searching very deeply for the best solution, at each and every Rerun. This does come at the expense of longer running times, but when the cheapest and most suitable operational result is required, choosing “Deep Cut” provides the Austrics Optimizer with the best opportunity to achieve a superior solution.



UPDATES / IMPROVEMENTS

Several updates and improvements to existing functionality are also included in this release. These items have been broken down into the relevant Austrics module below:

Windows Application

AM-6431 – TIMS Export

Improvement made to make sure the TIMS Export doesn't become unresponsive once the export completes on Windows.

AM-6954 – Dataset manager filetype creation

Previously windows required the complete file type name to be entered when creating a new file, resolved in A23.3.

AM-6386 – Schedule Breakdown Statistics (shstat3XX) not producing CSV output

CSV output not opening on the windows application for the above report, resolved in A23.3.

AM-7001 – snum - Move under 'required data' - Crew

Snum file has been moved under the 'required data' field now in the new Optimisation Job Management Tool.

AM-7125 – When running Optimiser ui to run an improve, schedule file does not auto populate to improve

Schedule now auto populates in the schedule file prior to running the job.

AM-7446 – Crew Optimisation Job Manager - "Start Job" summary truncates "No. of Auto Runs"

When updating the number of auto runs, this was not always updating the value in the job summary, resolved in A23.3.

AM-7425 – Day Type Editor on Windows not highlighting days on calendar with colours

Day type colours are now displaying correctly in A23.3.

PLAN

AM-2641 – Path Error

Additional validation added into the notes field to void specific foreign characters.

FLEET

AM-7351 – EV - Although the vehicle is out of charge there are no errors reported and missing bullseye on the run

EV Validation not displaying the warning bullseye when charge is under the 'Min SoC' in all scenarios, resolved in A23.3.

AM-6357 – Timetable printing CSV file - Print Dialog has the wrong file name

Timetable printing is producing the incorrect 'Print Dialog' name when attempting to view output, resolved in A23.3

AM-7062 – EV "Add Refuel Activity to Block" can be added at illegal depots for charging

Increased validation of refuel activity allocation at compatible depots, resolved in A23.3.

AM-2641 – Despatch file output error and missing data

CSV output of despatch now includes the correct depot and day field values, resolved in A23.3.

AM-7414 – Trip Analysis Tool

Trip Analysis Tool has now been re-deployed onto all menus under Fleet.

AM-7285 – Trip Editor – Duty Printing

When printing an individual duty from the Trip Editor, it on occasion could open another complete set of schedules from the user's work folder. This has been resolved in A23.3.

AM-6735 – Runactivites - Overlap causes data to display over multiple runs

When dragging charge activities over other activities, on occasion this could cause a display overlap over other runs. This has been resolved in A23.3.

AM-7237 – Timetable stats – Single Depot selection

New client application was defaulting a depot value into this field, this has been resolved in A23.3.

AM-7547 – File locking – Trip Editor

Files listed in config ‘trips.readonlytoreadwritefiletypes’ were no longer displaying the locked warning, when accessed concurrently by another user. This has been resolved, the warning will now appear if another user is concurrently accessing the file. Fixed in A23.3.

CREW

AM-7407 – qrun window freezing

Now the system allows 'Download Results' of a running optimiser job via the old inp screens in parallel with monitoring the job progress via 'VIEW Job running'

AM-7107 – Run display

Change made to ensure trip colour fill is not cleared when shift activity drag is applied.

AM-7419 – Maximum number of re-runs

The maximum number of optimisation re-runs has been increased from 12 to 20 in the new optimiser UI.

AM-7493 – Matcru still covering work marked for exclusion in Schedule Data

Crew optimisation was previously covering work which had been excluded using the ‘X’ in schedule data creation. This has been resolved in A23.3.

AM-7509– XMEALDEPT2 not being recognized in the new editor

XMEALDEPT2 is now respected in the matcon editor.

ROSTER

AM-7386 – Roster Planner - Speeds - System Resources

Improvements made in the time it takes to load the ‘open dialog’ out of the Roster Tool.

Exports

AM-7256 – TIMS interface-filter option enhancement

Filter added to the interface to allow the user to type the required ‘Business Unit’ & ‘Department’ to reduce the size of the list.

RELEASE NOTES:

Online copies of all release notes are available at:

https://releasenotes.trapezegroup.com.au/austrics/index.php

For further information on any of the items in these notes, or if you have any questions or concerns regarding the Austrics software, please do not hesitate in sending an email to:

support@trapezegroup.com.au