



Austrics 22.3

Release Notes



TABLE OF CONTENTS

Contents

INTRODUCTION.....	3
NEW FEATURES.....	3
Windows client application.....	3
New Fleet & Crew Optimisation Process.....	5
Network Planner – OSM Places of Interest.....	6
UPDATES / IMPROVEMENTS.....	8
PLAN	8
AM-6224 – Network planner map jumping.....	8
AM-6249 – Network Planner Relink button not refreshing all the.....	8
AM-5952 – Undo' broken in the node pair relinking.....	8
FLEET	8
AM-6158 – Incorrect PVR in the PVR statistics.....	8
CREW	9
AM-5863 – Work report.....	9
AM-5777 – Trip Block Roster.....	9
AM-6158 – Incorrect PVR Statistics.....	9
AM-6143 – Period Roster Printing - Bus Allocation Report.....	9
ROSTER	9
AM-6220 – Recent Rosters not displaying.....	9
AM-6439 – Direct export to TIMS failing.....	9
RELEASE NOTES:.....	10

INTRODUCTION

Austrics 22.3 provides a range of system enhancements and improvements to existing functionality. This includes several new features, highlighted by a new Windows application, updated Network Planner graphics and an Optimisation Management tool.

So, what else is included in this release?

NEW FEATURES

Windows client application

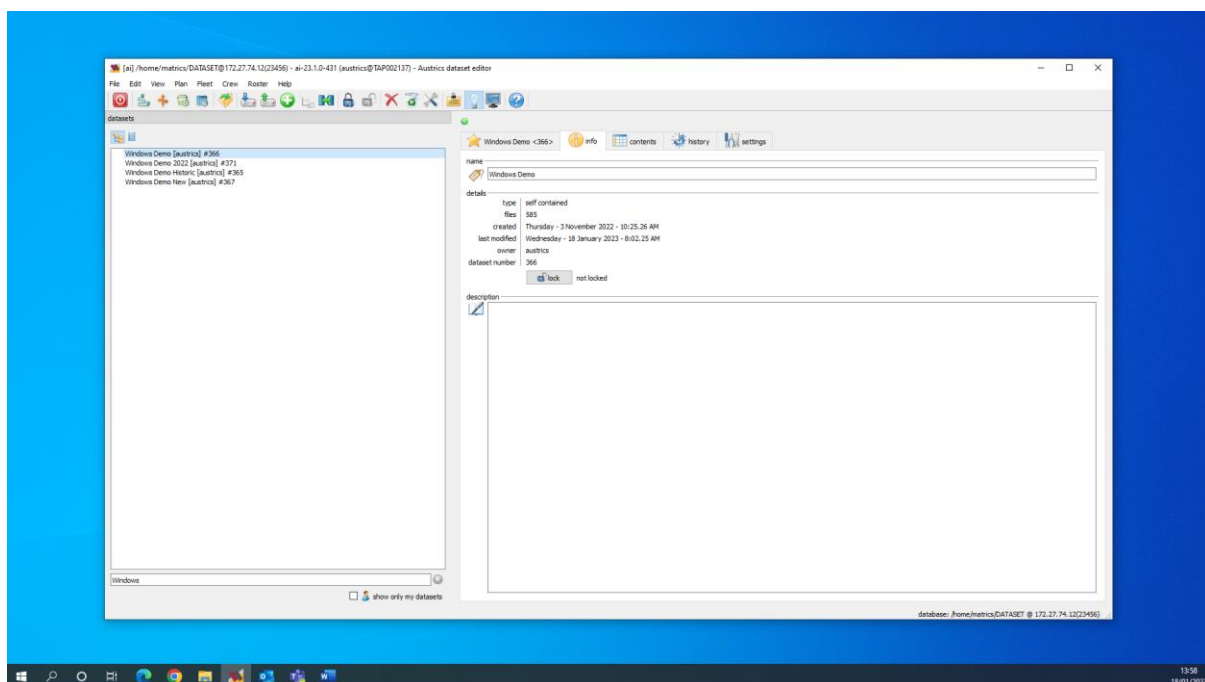
The Austrics 22.3 release includes the Beta windows release. This allows users to have an Austrics installation on their personal PC and removes the need to use No Machine.

However, it does not mean No Machine is no longer available, in the near-term users can use both Windows & No machine simultaneously. There will become a point in time where the Linux ‘No Machine’ access will be disabled, and Windows will become the standard. Once a timeline is decided on for this, all clients will be notified.

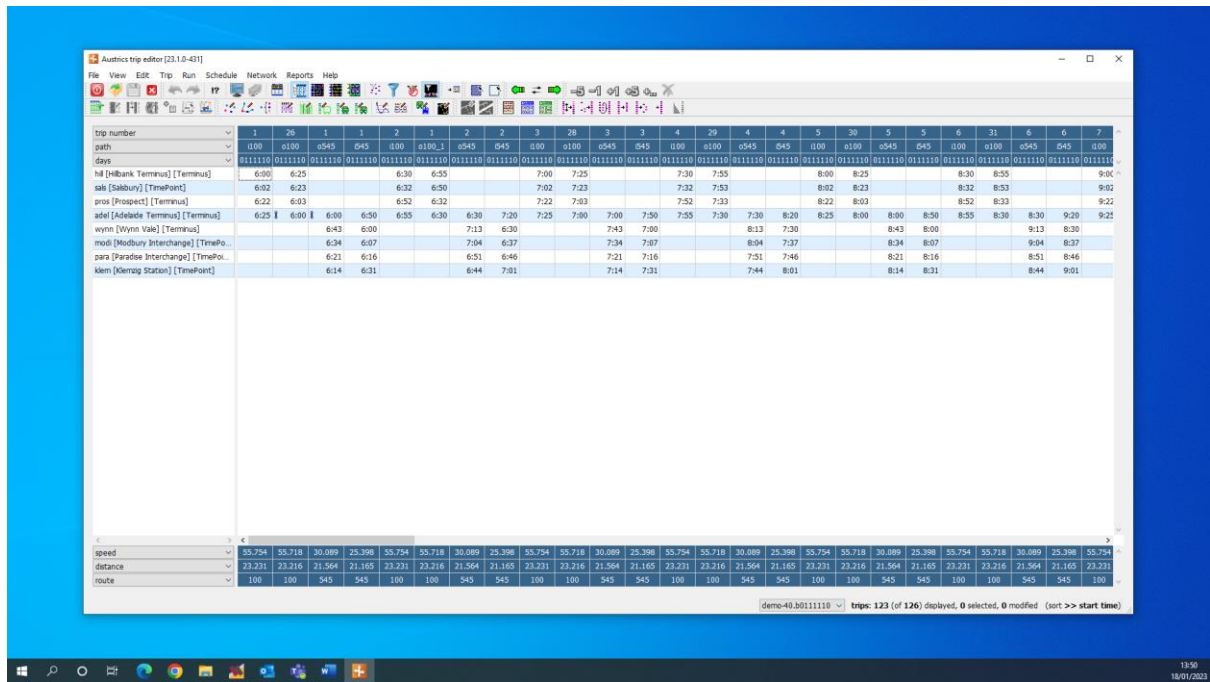
If you’re interested in gaining access to the windows client application, please reach out to Austrics support or one of our consultants.

Please find below screenshots displaying the Windows application:

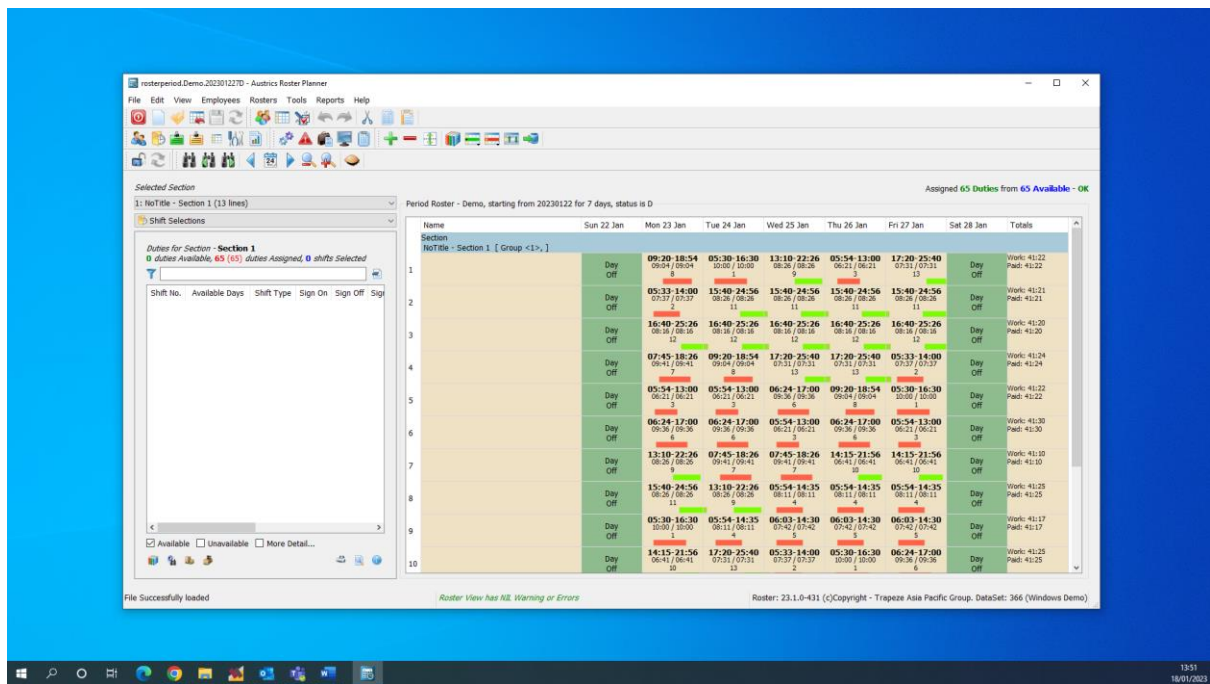
Dataset Manager



Trip Editor



Roster



New Fleet & Crew Optimisation Process

When running Fleet & Crew optimisation jobs on the new Austrics 22.3 Windows release you will have access to the new Optimisation Job Management Tool. This provides additional insights into the job statuses, improved statistics, and usability.

The complete users guide can be found attached to the below link:
<http://releasenotes-new.trapezgroup.com.au/austrics/index.php>

Optimisation Job Management Tool

The screenshot shows the 'Optimiser Job Management - Dataset 366' window. At the top, there is a toolbar with buttons for Refresh, New Fleet Job, New Crew Job, New Variable Day Job, Generate Stats, Manual Renumber, Stop Job, Rerun Job, Download Files, and View Result. Below the toolbar is a table titled 'Optimiser Jobs' with the following data:

ID	Type	Description	User	Version	Started	Finished	Progress	State
00033	Crew	Weekday Demo Crew	austrics	22.3	3/11/2022 16:47	3/11/2022 16:51	25 %	Running
00032	Fleet	Weekday Demo	austrics	22.3	3/11/2022 14:44	3/11/2022 14:46	100 %	Complete

Below the table is the 'Job Statistics' section, which includes a toolbar with buttons for Progress, Parameters, Summary, Constraints, Timetable, Vehicle, Errors, and Job Output. The statistics are as follows:

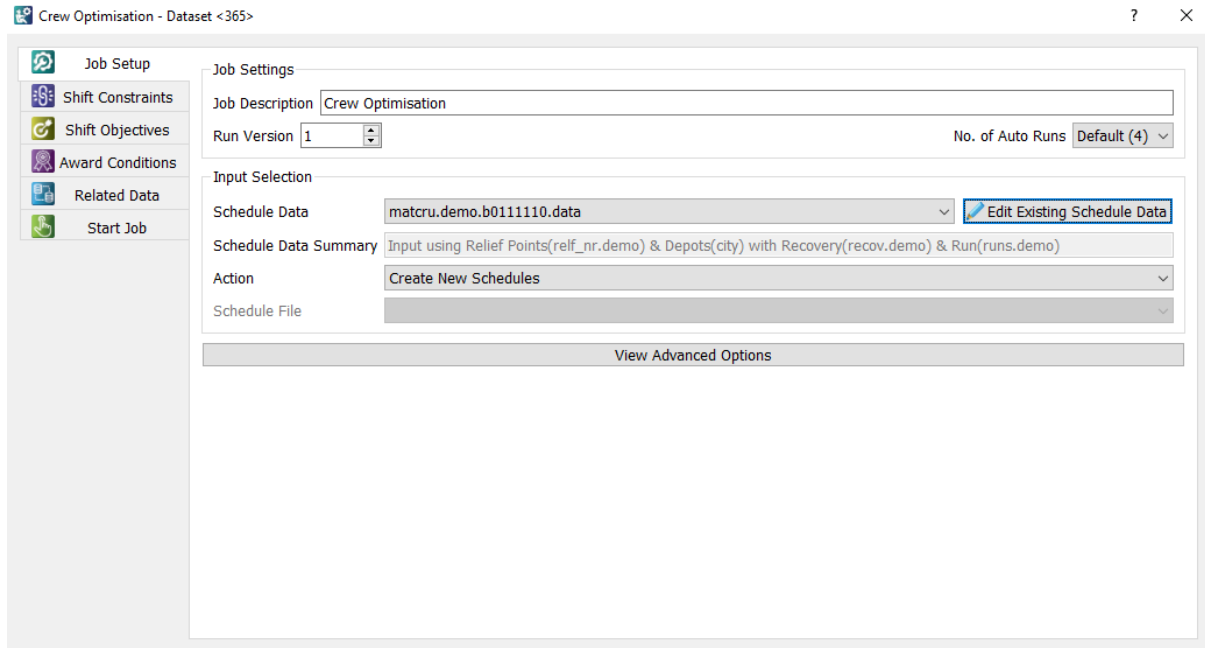
- Execution Progress: 25% (represented by a green bar)
- Rerun Progress: 2/5 (represented by a green bar)
- Start Time: 3/11/2022 16:47
- Projected Finish: 3/11/2022 16:51
- Duration (secs): 64

Fleet Optimisation

The screenshot shows the 'Fleet Optimisation - Dataset <366>' window. On the left is a sidebar with buttons for Job Setup, Constraints, Vehicle Recovery, Related Data, and Start Job. The main area is divided into several sections:

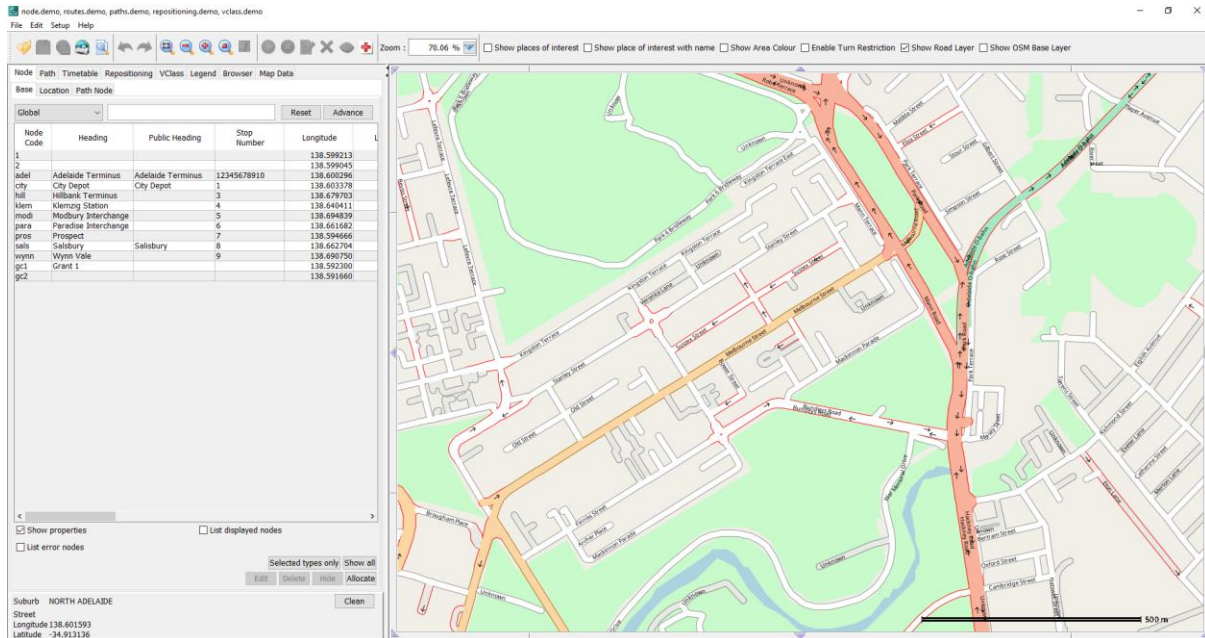
- Job Description:** Weekday Demo
- Vehicle Schedule Version:** Demo Weekday (demo-.b0111110)
- Vehicle Home Depots:** 1 City Depot
- Vehicle Layover Depots:** City Depot (city) (1)
- Job Options:**
 - Job Type: Run Link
 - Single Vehicle Class:
 - Quick Cut:
 - Available Options:
 - Minimise Blocks
 - Minimise Dead Running+Pay
 - Maximise Route Matching
 - Minimise Vehicle Cost
 - Minimise Vehicle Schedule Compromise
 - Selected Options:
 - Minimise Number of Buses
 - Minimise Dead Running

Crew Optimisation

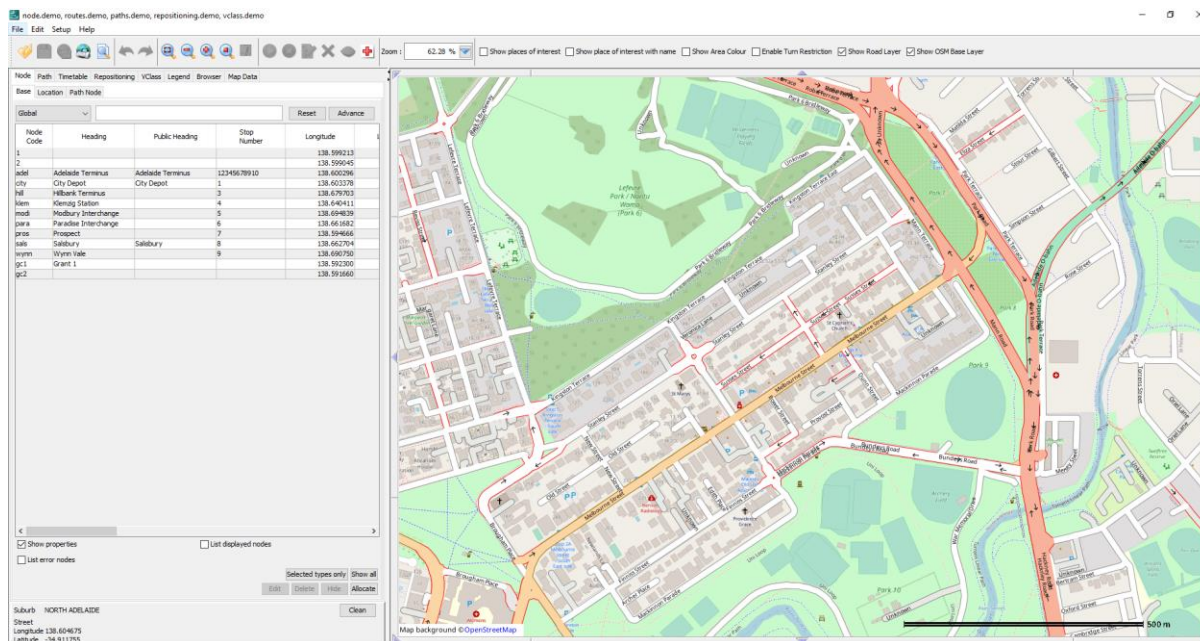


Network Planner – OSM Places of Interest

Improved graphics



Ability to turn on and apply OSM overlay



UPDATES / IMPROVEMENTS

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

PLAN

AM-6224 – Network planner map jumping

When there are two stops created in a row, the map will bounce back to the 1st stop created once you create the 2nd. This has now been resolved.

AM-6249 – Network Planner Relink button not refreshing all the

After using the relink button in the Network Planner the repositioning left and rights were producing blank records. This has now been resolved.

AM-5952 – Undo' broken in the node pair relinking

When re-linking a node pair in the Network Planner if the user selects undo the Node pairs disappear from the node pair section. This has now been resolved.

FLEET

AM-6158 – Incorrect PVR in the PVR statistics

PVR statistics report is currently producing incorrect stats in the occasional instance. This has now been resolved.

CREW

AM-5863 – Work report

An issue was reported where some data inputs would cause a segmentation fault while building the report. This has been resolved.

AM-5777 – Trip Block Roster

An issue was reported where the distances were not being printed on all Variable day trips. This has been resolved in this release.

AM-6158 – Incorrect PVR Statistics

PVR statistics report was reporting incorrect PVR numbers for some outlier situations. This has been resolved in this release.

AM-6143 – Period Roster Printing - Bus Allocation Report

Period roster printing, bus allocation report was not producing travel modes for walk, staff car(S_Car) and staff bus(S_bus). This has been resolved in this release.

ROSTER

AM-6220 – Recent Rosters not displaying

Recent rosters under file are not updating with the latest edited rosters. This has been corrected.

AM-6439 – Direct export to TIMS failing

Direct export into TIMS was failing during the data transfer, this has been resolved.

RELEASE NOTES:

Online copies of all release notes are available at:

<https://releasenotes.trapezgroup.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@trapezgroup.com.au