

Myrias™ Transport Axle

Integrated Software Solution

Operation Manual

The screenshot displays the Myrias Transport Axle software interface. On the left, a vertical menu lists various fields for data entry: Carrier, Truck Plate, Trailer plate, Driver, ID Type, ID Number, Origin, Destination, and Material. Each field has a corresponding icon and a text input box. The main area on the right features a diagram of a truck with five axles numbered 1 to 5. Below the diagram is a table showing the weight for each axle and the total weight. To the right of the table are two green buttons labeled 'Ticket' and 'Reprint'.

Axles	Weights
1	12.000 t
2	18.000 t
3	18.000 t
4	12.000 t
5	12.000 t
2+3	36.000 t
4+5	24.000 t
Total	72.000 t

© Rice Lake Weighing Systems. All rights reserved.

This manual describes the operation of Myrias[®] Transport Software Solution, a computerized system for weighing and recording vehicle axle details and associated data. Myrias[®] Transport Software Solution is a registered trademark of Rice Lake Weighing Systems, Inc.

Rice Lake Weighing Systems[®] is a registered trademark of Rice Lake Weighing Systems. Windows[®] is a registered trademark of Microsoft Corporation. All other brand or product names within this publication are trademarks or registered trademarks of their respective companies.

All information contained within this publication is, to the best of our knowledge, complete and accurate at the time of publication. Rice Lake Weighing Systems reserves the right to make changes to the technology, features, specifications and design of the equipment without notice.

The most current version of this publication, software, firmware and all other product updates can be found on our website:

www.ricelake.com

Revision History

This section tracks and describes manual revisions for awareness of major updates.

Revision	Date	Description
A	July 31, 2026	Initial manual release

Table i. Revision Letter History

Contents

1.0	Introduction	5
1.1	Myrias Transport Axle Overview	5
1.2	MCI Systems Overview	5
2.0	Basic Operations	6
2.1	Ticket Processing	6
2.2	User Log On	6
2.3	Vehicle Data	6
2.4	Data Entry	7
2.5	Ticket Button	8
2.6	Ticket Reprinting	8
3.0	Configuration	10
3.1	Users	11
3.2	Materials	11
3.3	Trucks/Trailers	11
3.4	Carriers	12
3.5	Locations	12
3.6	Drivers	12
4.0	Report Format	13
4.1	Columns	14
5.0	Device Settings	15
6.0	System Customization	16
7.0	Appendix	17
7.1	Example Ticket	17
7.2	AF09 Settings for 3590 Firmware	17

1.0 Introduction

1.1 Myrias Transport Axle Overview

Myrias Transport Axle is a vehicle axle weighing and transaction recording software solution developed by Rice Lake Weighing Systems.

The system captures axle weight information from connected weighing equipment, allowing operators to process vehicle transactions, print tickets and generate reports from a central management PC.

Myrias Transport Axle provides a consistent and structured solution for axle weighing applications, improving traceability, transaction recording and reporting accuracy.

The system supports:

- Axle weight capture from connected indicators
- Ticket generation and reprinting
- Vehicle, driver and material recording
- User management and access control
- Transaction reporting and export

This manual provides operation, configuration and management instructions for the Myrias Transport Axle system.

1.2 MCI Systems Overview

MCI Systems, part of Rice Lake Weighing Systems, develops and supports industrial weighing and process control software solutions for production, logistics and transport applications.

Myrias software solutions are used across a range of industries to support weighing, traceability, reporting and operational control requirements.

Myrias Transport Axle has been developed as a structured standard solution, providing reliable operation, straightforward deployment and consistent functionality across axle weighing installations.

2.0 Basic Operations

2.1 Ticket Processing

The ticket processing interface displays upon startup. To print and record ticket transactions, three conditions must be met:

- A user is logged on
- A vehicle has passed over the weigh pads triggering data to send from the indicator to Myrias
- All data entry fields have been completed

2.2 User Log On

Users log on by selecting **Log On** in the top horizontal menu bar. The logged in user displays on the bottom right of the status bar after the product name.

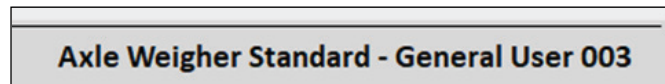


Figure 2-1. User Display

2.3 Vehicle Data

If no vehicle has passed over the weigh pads, the image is ghosted. Myrias cannot show a representation of the axles and their layout.

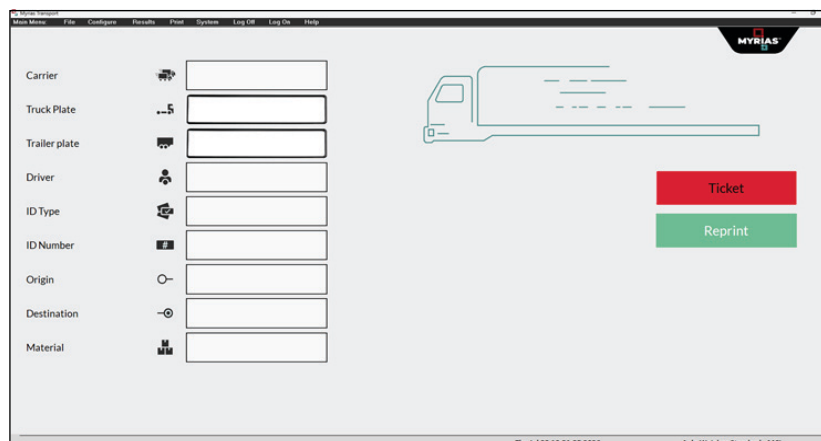


Figure 2-2. Ghosted Vehicle

If a vehicle has passed over the weigh pads, Myrias will show a generic vehicle with the correct number of axles, in the groups identified by the indicator, along with weight details below the image.

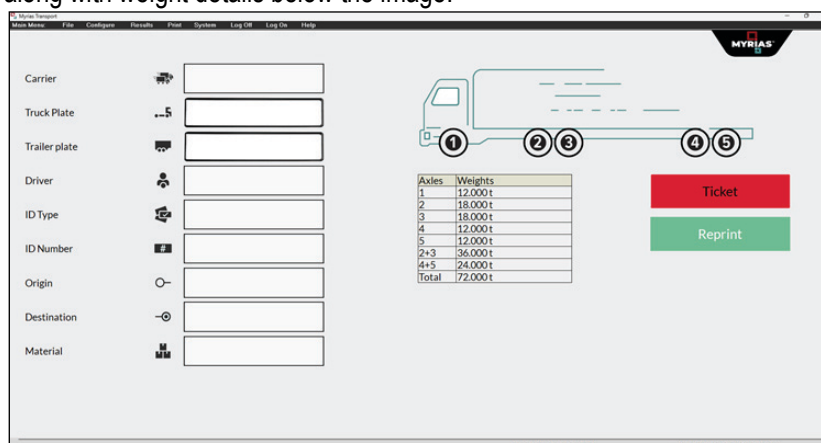


Figure 2-3. Generic Vehicle

2.4 Data Entry

Follow the procedure below to enter data details:

1. Select the field icon. An entry window displays with either a configured list or text entry field.
2. Select the item from the list or type text entry.

The image shows a software window titled "Please Select Carrier (or enter text)". At the top, there is a text input field containing the text "International Freight". Below the input field is a large, empty rectangular area. At the bottom of the window is a virtual keyboard layout. The keyboard has four rows of buttons: the first row contains numbers 1 through 0, a hyphen/underscore, and a "DEL" button; the second row contains letters Q through P; the third row contains letters A through L; and the fourth row contains letters Z through M, a period/slash, and a forward slash/backslash. To the right of the keyboard are two buttons: "ACCEPT" and "Cancel".

Figure 2-4. Entry Window

3. Select **Accept**. The value appears in the field on the ticket entry screen.

The image shows a horizontal bar representing a data entry field. On the left, the word "Carrier" is displayed. To its right is a small icon of a truck. Further right, the text "International Freight" is displayed inside a rectangular box, indicating it is the selected value.

Figure 2-5. Field Selection Displays

2.5 Ticket Button

The Ticket button is red if data is missing. Enter data for all the Mandatory Fields checked under System Behaviour ([Section 6.0 on page 16](#)). The Ticket button will turn green only once data is entered into all mandatory fields and a vehicle has been recognised.

Once the Ticket button turns green, the operator may select **Ticket**. A ticket is printed to the default printer and the screen resets. Data entry fields are cleared and the vehicle image resets to a “ghosted” outline, ready for the next vehicle to pass over the weigh pads.

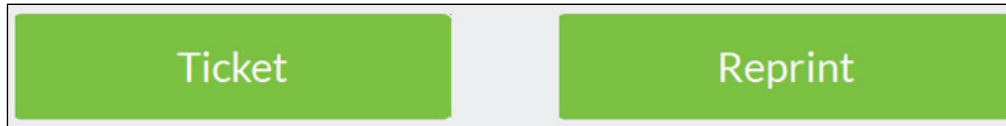


Figure 2-6. Ticket Buttons

If the button is pressed but no user is currently logged on, a message is displayed and the process is rejected.

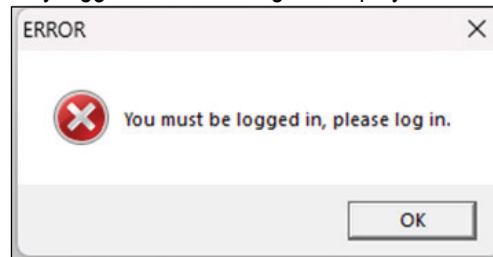


Figure 2-7. Login Error

2.6 Ticket Reprinting

Follow the procedure below to reprint a ticket:

1. Select **Reprint**.



NOTE: If the operator is not configured to level Manager, the error below displays (see [Figure 2-8](#)).

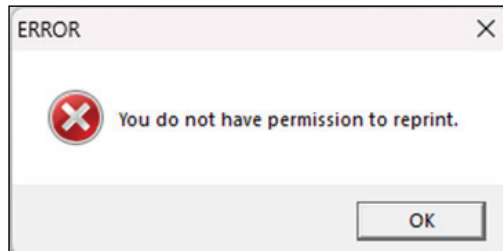


Figure 2-8. Printing Error

2. Enter the ticket number to reprint.
3. Select **Enter**. If the ticket number is valid, the ticket reprints. If the ticket number is invalid, an error message displays and nothing prints.

Please enter ticket number to reprint

2741

1	2	3	4	5	6	7	8	9	0	-	DEL
Q	W	E	R	T	Y	U	I	O	P	Enter	
A	S	D	F	G	H	J	K	L			
Z	X	C	V	B	N	M	.	/	Cancel		

Figure 2-9. Reprint Ticket

3.0 Configuration

The Myrias database is maintained through the Configure/Database menu. When configuration is entered, an icon bar is shown on the left side of the screen and the data window to the right. Select the relevant item to configure by clicking on its icon.

The screenshot shows the 'Myrias Transport' application window. The title bar includes 'Myrias Transport' and a 'Main Menu' with options: File, Configure, Results, Print, System, Log Off, Log On, and Help. The 'Configure' menu is active. On the left is a dark sidebar with the 'MYRIAS' logo and icons for Users, Materials, Trucks/Trailers, Carriers, Locations, and Drivers. The 'Users' icon is selected. The main area is titled 'Users' and contains four input fields: 'User Name' (a dropdown menu), 'User Code' (a dropdown menu), 'Password' (a text field), and 'Access level' (a dropdown menu with 'Basic' selected). To the right of these fields is an 'Add New User' button with a user icon. At the bottom of the main area is a toolbar with five icons: a floppy disk (Save), a circle with an X (Cancel), a square with an X (Exit), a document with an X (Delete), and a printer (Print).

Figure 3-1. Configuration Menu

3.1 Users

This screen allows users to be added, changed and removed. Users may access the Myrias software. Every user must have a unique Name and Code. A password is required for users to log on to Myrias.

Figure 3-2. User Screen

User	Access
Basic	• Drivers and basic users • May not process tickets, reprint tickets or configure Myrias database items
Operator	• Cabin operators responsible for processing vehicle transactions • May process tickets but may not reprint tickets or configure Myrias database items
Manager	• Full access level • May process and reprint tickets, configure Myrias database items and access all system functions

Table 3-1. User Access Descriptions

3.2 Materials

Figure 3-3. Materials Screen

Each Material must have a unique name and code. Materials configured here will be available for selection on the Material field on the ticket processing screen.

3.3 Trucks/Trailers

Each Truck/Trailer must have a unique Registration Number. It may have a description.

Figure 3-4. Truck/Trailers Screen

Type toggles between Truck or Trailer. Items entered here are then available for selection into the Truck Plate and Trailer Plate fields on the ticket processing screen.

3.4 Carriers

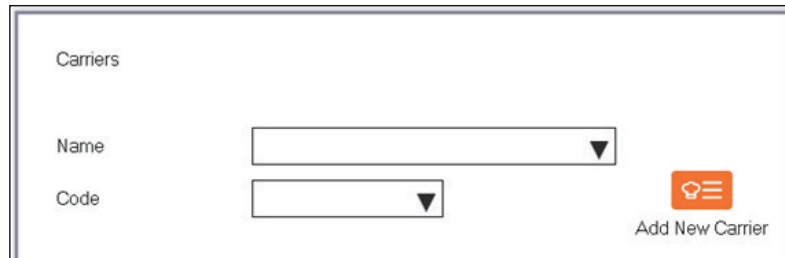


Figure 3-5. Carriers Screen

Each Carrier must have a unique Name and Code. Entries configured here are available for selection into the Carrier field on the Ticket processing screen.

3.5 Locations

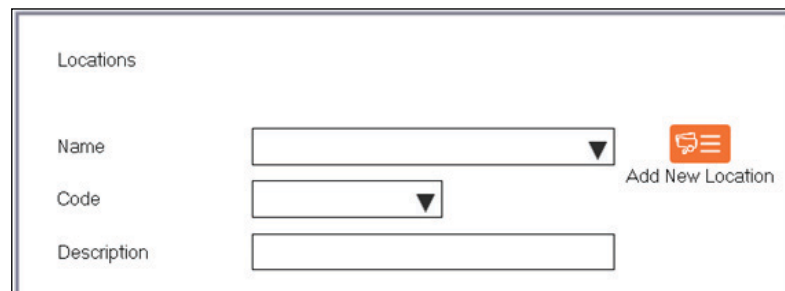


Figure 3-6. Locations Screen

Each location must have a unique Name and Code. A description is optional. Entries configured here are available for selection into the Origin and Destination fields on the Ticket processing screen.

3.6 Drivers

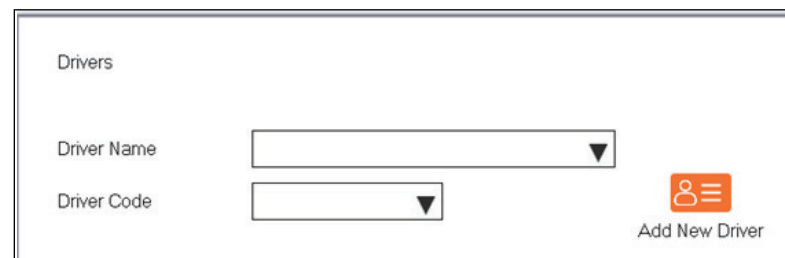


Figure 3-7. Drivers Screen

Drivers configured on this screen are available to select into the Driver field on the Ticket processing screen. Drivers cannot log into Myrias.

4.0 Report Format

Reports Selection is accessed by selecting **Results**, then **Reports**. The Reports Selection window displays.

Figure 4-1. Reports Selection Window

Item No.	Label	Description
1	Audit	Allows search for printed tickets within a time range
2	Print Preview	Displays a preview of the ticket printed
3	Excel	Exports a report to Excel Starts Excel with the data loaded
4	Font	Displays a selection of fonts for screen and printout
5	Layout	Customized how data is displayed on the ticket (see Figure 4.1 on page 14)
6	Display	Customizes the display of Myrias software
7	Print	Prints to a Windows printer
8	Create Pdf	Disabled on Myrias. To create a PDF, select Print on the PC and then Microsoft Print to PDF
9	Window View	Transfers output into a new window that allows sorting and scrolling of data
10	Export	Exports the report to a given location

Table 4-1. Reports Selection Parameters

4.1 Columns

Follow the procedure below to customize columns:

1. Select **Layout**. The Print Layout window displays.

The Print Layout window displays the following options:

- Report** section:
 - Style**: 1. List (dropdown menu)
 - Type**: (empty dropdown menu)
 - ☐ **Transpose**
- Select Columns** section:

1) Ticket Number	6) Destination	11)	16)
2) Date/Time	7) Net Weight (kg)	12)	17)
3) Carrier	8) Waste Type	13)	18)
4) Operator	9)	14)	19)
5) Source	10)	15)	20)

Buttons at the bottom: Save, Reset, Cancel.

Figure 4-2. Print Layout Window

2. To switch between column presets, select one from the drop-down list.



NOTE: Choosing a blank option clears the column.

3. To customize a column preset, select the * button to the right. A Column Settings window displays.

The Column Settings window displays the following options:

- Width**: 0.09 (dropdown menu)
- Alignment**: Center (dropdown menu)
- Column Headings**: Ticket Number (text input field)
- Sort Order**: Text (dropdown menu)
- Number of Decimal Places**: (empty text input field)
- Multiplier**: 1 (text input field)

Buttons at the bottom: OK, Cancel.

Figure 4-3. Column Settings Window

4. After adjustments are complete, select **OK** then **Save**.

5.0 Device Settings

Follow the procedure below to adjust the connection settings to the EGT3590:

1. Select **System**, then **Customize**.



NOTE: Only Manager-level users may change Device Settings.

2. Select Device Settings and then **Edit**. The Device Settings screen displays.

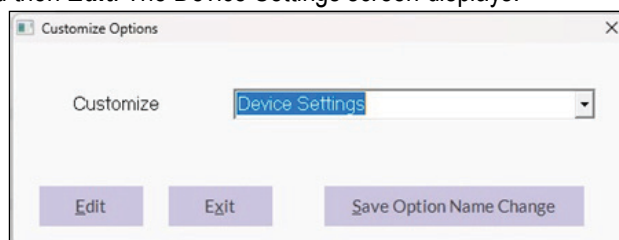


Figure 5-1. Customize Options Window

3. Select a Device from the drop-down list. Settings for the device display.

Figure 5-2. Device Settings Window

4. Select **Customise Device** to change settings.
5. Select **Save Entry Change**. The device interface program may restart to apply the new settings.

6.0 System Customization

Follow the procedure below to customize the system:

1. Select **System**, then **Customize**.



NOTE: Only Manager-level users may customize the system.

2. Enter user and password.
3. Select System Behaviour, then **Edit**.

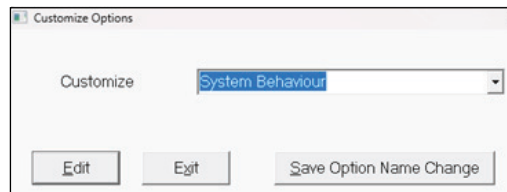


Figure 6-1. Customization Window

4. The System Behaviour window appears.

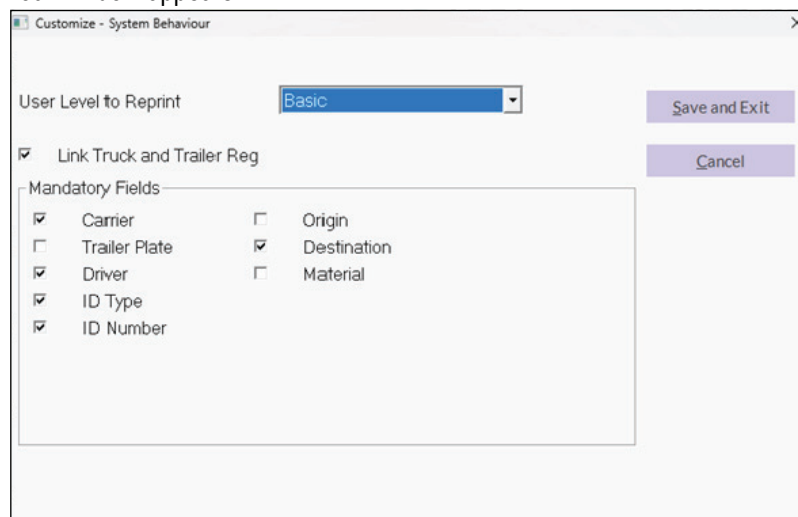


Figure 6-2. System Behavior Window

5. To change the user level required to reprint tickets, select the level in User Level to Reprint.
6. Check the Link Truck and Trailer Reg if applicable. This autofills the same data into both the Truck Registration field and Trailer Registration field.
7. Select the Mandatory Fields that must have a value before a ticket prints.
8. Select **Save and Exit**.

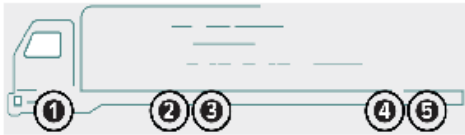
7.0 Appendix

7.1 Example Ticket

**MCI Myrias
Axle Weighing**

Carrier : XA Carriers Truck Registration : RT21 FFR Trailer Registration : PP43 XYE Operator : MCI

Date : 23/07/2026
Time : 10:44
Ticket No. 6



Driver : Artur Materson ID Type : ID Card ID Number : AB323482XY

Source : Source Destination : Remote Merchandise : Rubble

Vehicle Class : T12S2 Speed : 0.0

Axle No.	Weight	Axle Type
1	12t	Simple Axle
2	18t	Simple Axle
3	18t	Simple Axle
4	12t	Simple Axle
5	12t	Simple Axle
2+3	36t	Tandem Axle
4+5	24t	Tandem Axle
Total	72t	




Figure 7-1. Example Ticket

7.2 AF09 Settings for 3590 Firmware

Under Technical Menu

- AF09 FUNCTIONS / AXLE WEIGHING = **DYNAMIC**
- AF09 FUNCTIONS / ENABLING DOUBLE WEIGHING = **DISABLE**
- SERIAL PORTS / SERIAL PORTS CONFIGURATION / COM.1 = **COM.PRN**
- SERIAL PORTS / PRINTER PORT CONFIGURATION / CTS = **DISABLE**

Under User Menu

- AF09 FUNCTIONS / AXLE GROUPS / TIME = **5,0 SEC**



© Rice Lake Weighing Systems Content subject to change without notice.

North, Central, South America

Rice Lake Weighing Systems, Inc.
230 West Coleman Street
Rice Lake, WI 54868
USA Tel: +1 800-472-6703
Intl Tel: +1 715-234-9171

United Kingdom | Ireland

MCI Systems
Alfred House, 3A Waverley Lane
Farnham, Surrey GU9 8BB
Tel: +44 01252 722399

Europe | Asia | Africa

Dini Argeo
Via della Fisica n. 20
41042 Spezzano di Fiorano
Modena, Italy
Tel: +39 0536 843418