

Developed by

**Griffith
Elder**

WEIGHBUS

*Single Axle Weighbridge software for
Law Enforcement*



Our in-house design team, develops our software products which enables us to have complete control of product features, upgrades & support.

Manufacturing Single Axle Weighbridges for 40+ years, & software for 25+ years Export to 50+ countries, Weighbus is multi-lingual with regional formatting

Operation is simple, reducing operator training and error. Control the weighing process and guarantee demanded data is recorded with Axle and Gross Vehicle weights, and auto overload recognition. Fine overloaded vehicles with instant calculations using local configurations. Automate reports and data exports, integrate to third party software.

Overload Protection for commercial business and Industrial applications also available.

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OUR WEIGHBUS SOFTWARE

OPERATION

Computer system for easy control, our software packages are based around our customers needs. The Law Enforcement software is a powerful yet easy to use system for recording & analysing all types of vehicle weights.

Manual & automatic operation modes are available to control the whole process, ensuring all data is recorded. The buttons on the screen can be used to directly drive the traffic lights/hardware. Axles, groups and gross weights are automatically captured, many vehicle classes are auto-detected. A ticket instantly provides all the information needed for monitoring and controlling vehicle weights. Weights with all data and images are stored in the database for detailed reporting, exporting & integration to 3rd party software.

DATA INPUT: WEIGHING RECORDS

Database for all weighing records. Tickets & Records can be configured for exact data & entry methods required, records cannot be closed without inputting the data required by management.

Define data entry values, data fields and associations. Configure Vehicle Classifications as per the regional standard. Different classes are easily identifiable with images. Setup allowable weights and apply tolerances and fines according to local laws for each vehicle type.

DATA OUTPUT

PRINTED TICKETS

Show sequential record number, all weighing data and data entered.

See overloaded vehicles and fines at a glance, and pinpoint overloaded axles.


Overloaded vehicle tickets must be resolved, and vehicles are directed not to leave within traffic light system. Actual weighing data and calculated fines are shown on the ticket instantly at the time of weighing.

The printed layout of the tickets can be modified as required.

Record
Record No: 2 Record Type: Charge Record
Status: Closed User: Admin

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Weighing
Time: 25/03/24 13:17:53 Origin: Platform Board
Locale: Weighbridge 1 Gross Weight: 49.820t

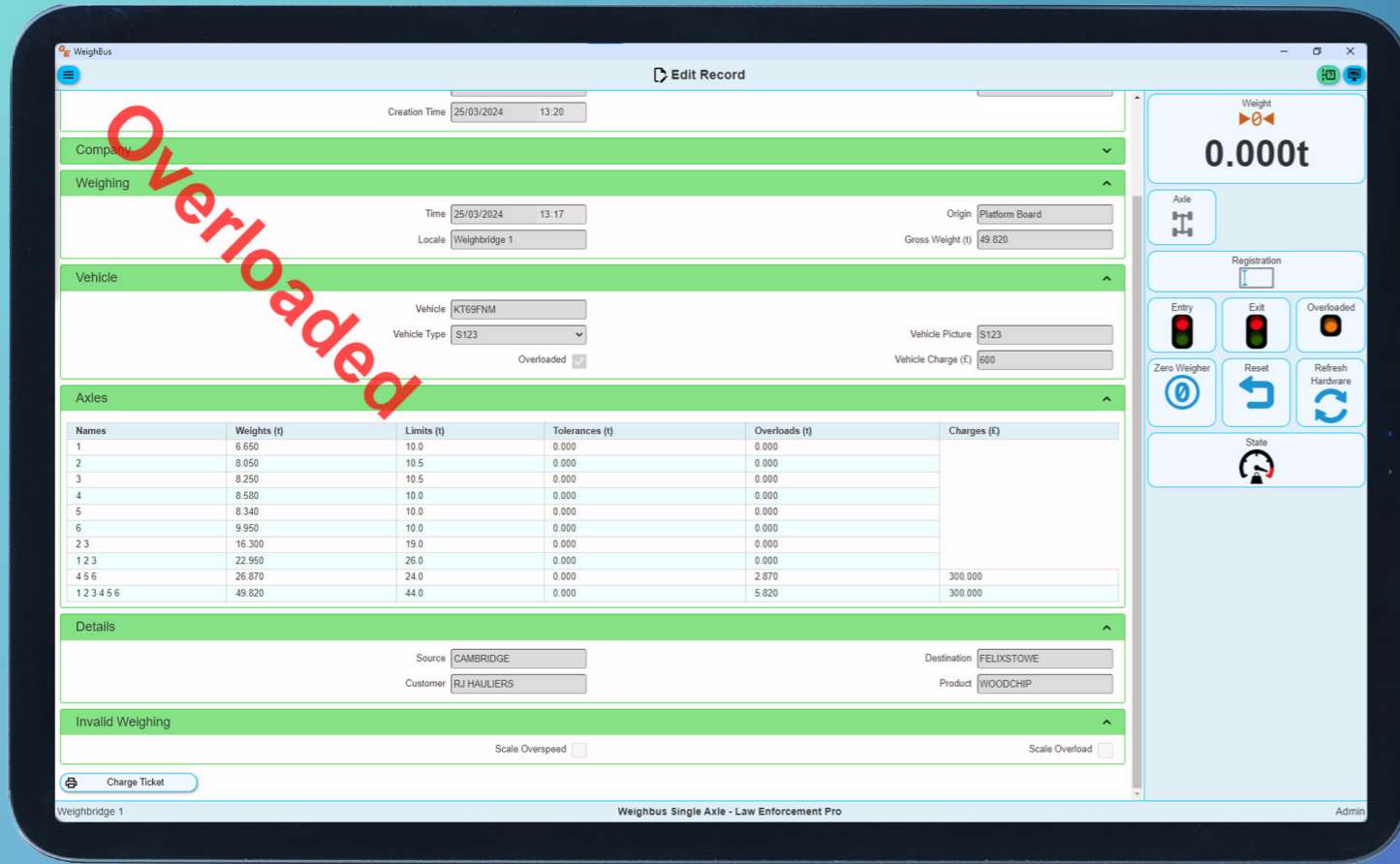


Vehicle
Vehicle: KT69FNM Overloaded:
Vehicle Type: S123 Vehicle Charge: £600

Axles

Names	Weights (t)	Limits (t)	Tolerances (t)	Overloads (t)	Charges
1	6.650	10.000	0.000	0.000	
2	8.050	10.500	0.000	0.000	
3	8.250	10.500	0.000	0.000	
4	8.580	10.000	0.000	0.000	
5	8.340	10.000	0.000	0.000	
6	9.950	10.000	0.000	0.000	
2 3	16.300	19.000	0.000	0.000	
1 2 3	22.950	26.000	0.000	0.000	
4 5 6	26.870	24.000	0.000	2.870	£300.000
1 2 3 4 5 6	49.820	44.000	0.000	5.820	£300.000

Details
Source: CAMBRIDGE Destination: FELIXSTOWE
Customer: RJ HAULIERS Product: WOODCHIP



KEY HARDWARE FEATURES

Camera is set up to take a snapshot with every weighing. Images are stored in the database with weight records.

ANPR recognition for license plates. Registration results & ANPR images are saved in the database. Changes to the entry by an operator can be reported & fully audited.

Traffic light control system direct vehicles through the weighing process. Large displays show the saved axle and gross weights.

ADDITIONAL ACCESSORIES

CAMERAS • TRAFFIC LIGHTS • LARGE DISPLAYS • BARRIERS • TOUCHSCREEN TERMINAL

Bespoke systems of control & hardware can be provided at a clients request. Multiple weighbridges that are connected on the same network (LAN, WAN or VPN) are able to operate from and share the same database.

SECURITY

Password protected, only authorised personnel can operate.

User groups and permissions can be designed by management to restrict operation and menu access as required.

Embedded web server product – can be logged in and operated from any PC, tablet and phone connected to the same network as the Weighbus computer.

POWERFUL REPORTING

Unlimited report types can be configured to collate the required data from the database to specific reports.

These reports can be run as many times as needed.
Schedule reports to run automatically if required.

EXPORT RECORDS

Reports are saved as a CSV file; these can be configured to save to specific locations. Additionally, there is the option to automatically email report CSV files.

CSV file, camera images and ticket html files can be automatically exported for each closed record, sent directly to the relevant management or teams. For example, all overload or invalid records can be sent to one or more specific teams in a central office 'live' as they are completed for them to monitor.

INTEGRATION WITH OTHER SOFTWARE PACKAGES

The order and sequence of data in CSV files are user-defined, allowing for easy integration into third-party software packages or company systems.

***Audit trail** for every single data entry, (e.g. entering the customer onto the record) detailing who carried out the entry and what was entered. Software uses on-premise web server, with scheduled back ups saved to another location reducing data loss.*

COMPATIBLE WITH WIDE RANGE OF PRODUCTS & HARDWARE



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