

NWI
GROUP



WinWeigh

Waste Facility Software

**For Weighbridges
and Industrial Scales**



www.nwiweighbridges.com.au

www.nwigroup.com.au

**World-class precision,
locally delivered.**



What is WinWeigh?

WinWeigh is weighbridge automation software that enables you to get the most out of your waste facility operations.

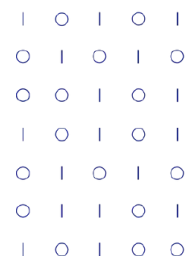
Our industry leading software turns a weighbridge from a scale into a fully-customised management system that suits your site and requirements. WinWeigh can be integrated to work for one standalone weighbridge facility or multiple weighbridges across multiple facilities.

WinWeigh is both a desktop application and a cloud-based solution that captures all weighbridge weighing data. The data is captured in various formats and can be exported via an API key, CSV or PDF file with automatic daily, weekly, or monthly reporting sequences.

All of the weighbridge and user data collected feeds back into a central portal for total oversight.

At NWI Group, our 30 years of experience working with Australian waste facilities and transfer stations means we have a deep understanding of the need for accurate weighing, data management, operational control and reporting.





Features and Benefits



Granular Insights per Product

WinWeigh enables you to capture and analyse waste volumes at the product level, giving you detailed insights into individual waste streams. This level of specificity helps identify trends, monitor high-volume products, and guide more informed decision-making.



Category-Level Aggregation

Beyond individual products, the system automatically aggregates data into broader categories. For example, a facility could report on plastics, organics, or metals as categories, offering a big-picture view that complements detailed product-level data.



Compliance and Transparency

With precise data on both product and category levels, waste facilities can confidently meet compliance standards and provide transparent reporting to environmental authorities.



Data-Driven Waste Reduction Strategies

If you don't have visibility into where is being generated, it's hard to make improvements. Our software gives you detailed insights into your waste patterns, helping you identify opportunities to reduce, reuse, and recycle. Track your progress in real-time and set reduction targets across multiple sites.



Comprehensive Reporting

Reporting has never been so easy. Fully customisable reports can be configured to suit each customer's requirements.



Easy Task Management

Spend less time typing and inputting data. WinWeigh allows you to take action with a simple click.



Features and Benefits



Stock & Contract Management

Manage your stock inventory in the same platform as your weighbridge operational software. Assign contract pricing to certain customers and jobs with running totals and notifications.



Accounting Systems Integration

A wide range of accounting platform integrations are available for the dual transmission of weighing and operational data. These include: MYOB, Xero, Microsoft Dynamics, SAP, Pronto and many more.



Payment Terminals

WinWeigh has a seamless integration with Quest Payment Systems to provide manned and unmanned payment solutions for weighbridge operations.



Ticketing Made Easy

Fully customisable ticket formats, both in A4 or weighbridge docket format.



Snapshot Camera & LPR Functionality

WinWeigh can integrate with camera systems to record images of vehicles entering and leaving site. LPR (License Plate Recognition) systems & intercom integration is also available.



Hardware Integration

Seamless Integration with various input devices such as dallas tags, RFID Card Readers, printers and remote push buttons.



SMS Notifications

WinWeigh has the optional functionality of sending out SMS notifications for a variety of alerts such as overweight vehicles, unregistered users and unusual activity.



Data Backup

An integrated data backup feature that can be setup for local or cloud based operation

WinWeigh Analytics Cloud Portal

WinWeigh Analytics draws on information captured across your waste facility and displays it in an easy to read format. Powered by a PowerBI integration, WinWeigh delivers dynamic reports and visually engaging charts that consolidate all your data into a single, easy-to-navigate dashboard.

WinWeigh Waste Facility Software can improve the efficiency of sites with one weighbridge and sites with multiple weighbridges alike, by centralising all data in one dashboard.



Data Insights

Enhanced insights into your weighbridge operations that go above and beyond the standard reports.



Identify Issues

PinPoint abnormal data and perform audits for more detailed analysis.



Compare Data and Time Periods

Compare operational metrics across a variety of time periods, products, customers, vehicles and contracts.



WinWeigh Analytics Cloud Portal

WinWeigh’s flexible filtering and reporting capabilities make it easy to access and analyse the data you need. The system can be configured with customised filters and data options to meet the unique demands of your site. **Here are some examples:**

Waste Volume by Category: Show me the total weight and volume of waste sorted by category (e.g., general waste, recyclables, organic waste, hazardous waste) over a specified period.

Specialised Waste Analysis: Show me weigh events for specific waste streams like e-waste, construction and demolition waste, or medical waste.

Bin and Skip Tracking: Show me all weigh events for bins or skips tagged with a specific ID, waste type, or customer for traceability.

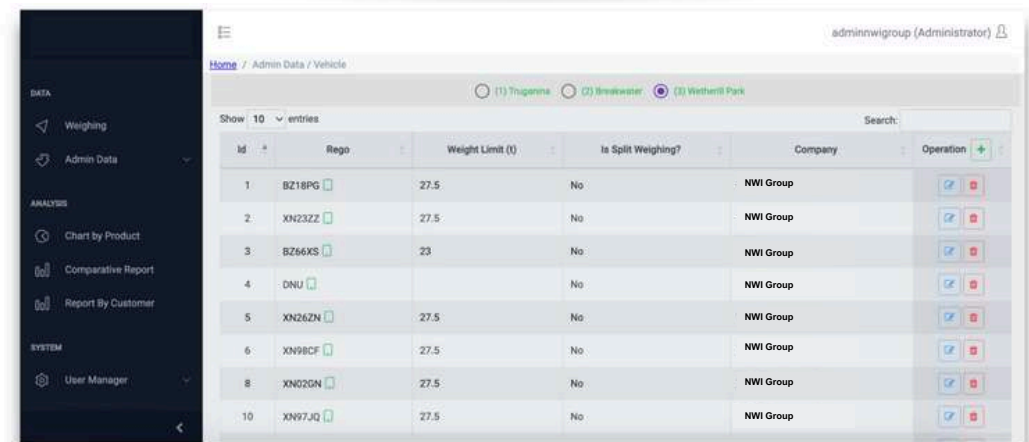
Subcontractor Tracking: Show me all weigh events for Subcontractor XYZ transporting specific waste types (e.g., organic waste, recyclables, or general waste) within a selected time period.

These are just a few examples, but the possibilities for data are endless.



WinWeigh Weighing Data Comparative Analysis

Weight in (t)	% of Weight in	Company	Waste Type	NET (t)	% of NET	Weight out (t)
68,882.92	10.95%	ESG	NDD	14,205.54	6.04%	55,011.56
56,469.91	8.98%	CKI	NDD	12,305.07	5.23%	44,402.12
34,520.04	5.49%	ESG	STORM WATER	5,995.11	2.55%	28,365.17
25,292.46	4.02%	Bartlett's Environmental	NDD (CAT C)	5,304.00	2.26%	19,515.14
23,070.16	3.67%	Lantrak	Clean Soil OUT	38,244.00	16.26%	61,219.84
21,565.54	3.43%	Melbourne Power Sweeping	SWEEPER WASTE	3,495.68	1.49%	18,028.06
21,440.76	3.41%	TRAFMAN	NDD	4,675.18	1.99%	16,568.12
19,335.50	3.07%	Browns Sawdust & Shavings	Sawdust IN	10,320.68	4.39%	24,456,018.70
18,345.54	2.92%	ISS	SWEEPER WASTE	2,537.41	1.08%	15,824.57
17,231.13	2.74%	Emuwood	SWEEPER WASTE	3,168.16	0.93%	14,551.64
628,895.64	100.00%			235,209.78	100.00%	25,064,898.63



Admin Data / Vehicle

Home / Admin Data / Vehicle

adminnwgrou (Administrator)

Truganina (1) | Brawleywater (2) | Wetherill Park (3)

Show 10 entries

Id	Rego	Weight Limit (t)	Is Split Weighing?	Company	Operation
1	BZ18PG	27.5	No	NWI Group	[Edit] [Delete]
2	XN23ZZ	27.5	No	NWI Group	[Edit] [Delete]
3	BZ66XS	23	No	NWI Group	[Edit] [Delete]
4	DNU		No	NWI Group	[Edit] [Delete]
5	XN26ZN	27.5	No	NWI Group	[Edit] [Delete]
6	XN98CF	27.5	No	NWI Group	[Edit] [Delete]
8	XN62GN	27.5	No	NWI Group	[Edit] [Delete]
10	XN97JQ	27.5	No	NWI Group	[Edit] [Delete]

Unmanned Operations and Hardware Control

The Bilanciai DD2060 colour touchscreen terminal provides unrivalled user-flexibility and system integration for a wide range of weighbridge applications. The in-built computer removes the need for a local PC.



This powerful yet easy-to-use driver terminal has been specifically designed for unattended/automated weighbridge installations. The driver interface features a large industrial colour touchscreen, which guides drivers through the weighing process. The DD2060 can be used for both single and double weighing applications

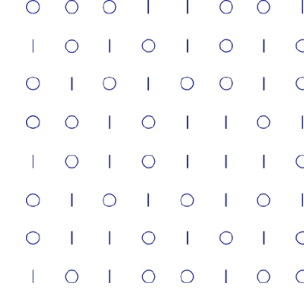
Bi-directional installations with DD2060 terminals at each end of a weighbridge offer the optimum weighing versatility and vehicle throughput.

Key features of the DD2060 terminal include:

- Fully configurable colour screen that can be easily read, even in bright sunlight
- Easy to use on-screen pictograms
- Range of smart access technologies:
 - Read/write RFID, magnetic, dallas tag etc.
 - Integral Ethernet intercom and thermal printer
 - 1D & 2D barcode and NFC readers
 - Optional voice activation feature
 - Vehicle management capabilities
 - Lockable cabinet for security

In addition to the use of a DD2060 unmanned driver terminal, WinWeigh features the ability to control various traffic management hardware such as:

- Boom Gates
- Traffic Lights
- Photo Sensors
- CCTV & LPR Cameras
- Graphical LED Displays
- Intercom Units



Unmanned Operations and Hardware Control

It's simple to customise your weighbridge system to suit your unique requirements. WinWeigh software integrates effortlessly with any hardware you choose—whether you're starting from scratch or enhancing existing equipment. WinWeigh acts as the core that unifies all components into a seamless and powerful management system.

As every site has different needs, NWI's flexible approach allows you to incorporate as much or as little hardware as necessary. For example, a basic setup with an unmanned driver terminal might be all you need to streamline traffic flow.



Alternatively, for enhanced security and control, you can opt for a more advanced system. This could include features like automated boom gates that restrict access until payment is confirmed, or snapshot cameras that capture vehicle license plates for precise record-keeping.

With WinWeigh Weighbridge Software, the options are virtually limitless. Share your vision with us, and we'll deliver a tailored solution that meets your operational goals.

Enhanced Chain of Responsibility (CoR) Compliance for Waste Facilities

For waste facilities, adhering to Chain of Responsibility (CoR) regulations is essential not only for meeting legal obligations but also for ensuring safe operations, optimising workflows, and supporting environmental sustainability. WinWeigh is tailored to address the specific challenges faced by waste management operations.

The system facilitates accurate data capture, tracking, and reporting of vehicle weights to ensure compliance with total weight and axle group limits. Every weigh-in is automatically recorded and can be easily accessed for review at any time, providing complete visibility and traceability. Custom alerts can also be configured to flag and prevent overloaded vehicles from leaving the site, reducing safety risks and regulatory breaches.

Seamless NHVR Integration

To enhance compliance processes, WinWeigh integrates directly with the National Heavy Vehicle Regulator (NHVR) database. This integration enables waste facilities to verify the registration status of heavy vehicles in real time, ensuring only compliant, roadworthy vehicles are allowed to operate.





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Sydney | Melbourne | Adelaide | Brisbane | Perth

**www.nwiweighbridges.com.au
info@nwigroup.com.au**

**www.nwigroup.com.au
1300 669 162**

