



blackbee
W8 suite
WEIGH SUITE

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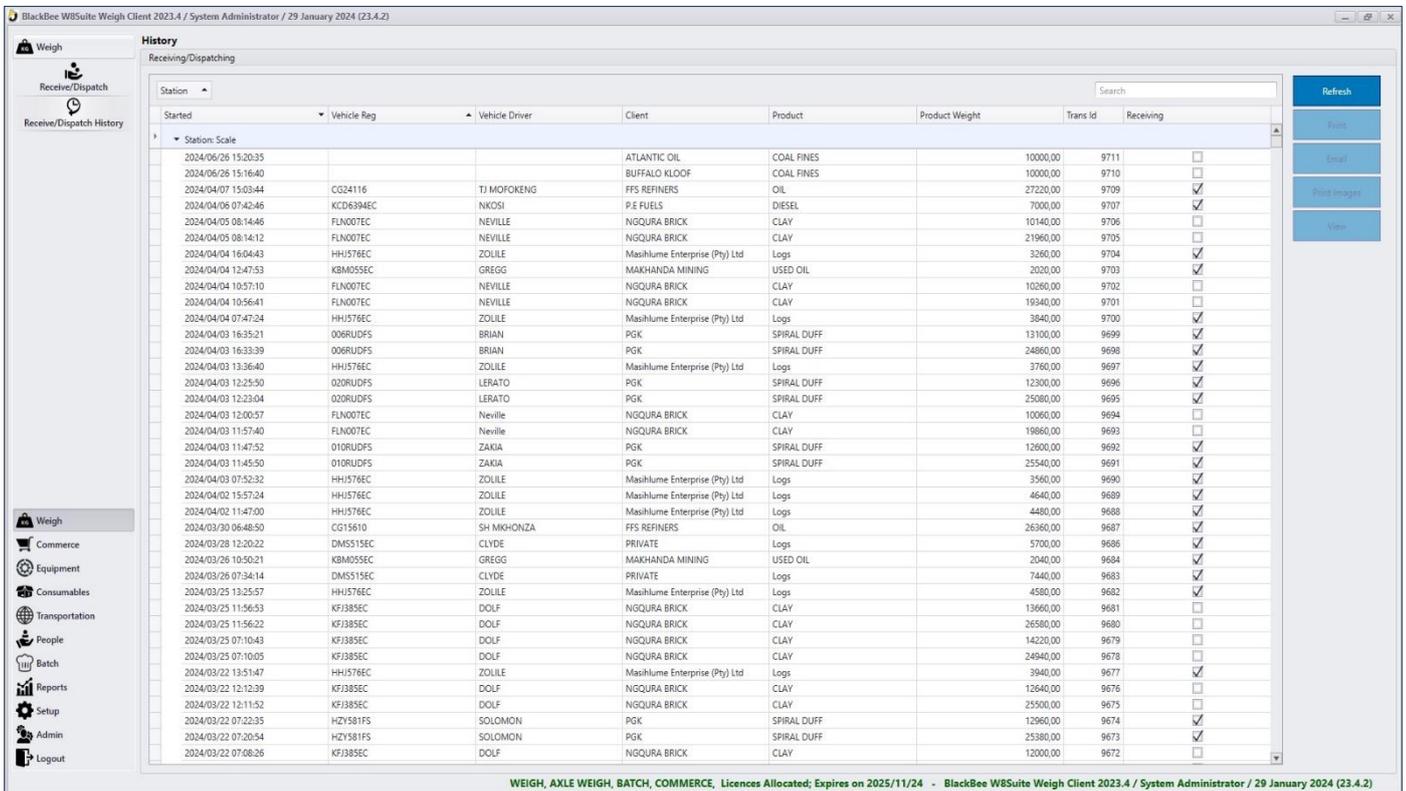
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1 W8Suite weighing systems software overview

W8Suite is a comprehensive weighing software solution designed to manage the entire weighing process. It handles client management, product tracking, order processing, and pallet management while generating fully customisable weigh transaction slips. The software facilitates seamless reporting and offers automatic printing and emailing capabilities.

Our weighing software is compatible with any connected indicator. In cases where direct interfacing is not possible, our translator functionality enables the development of custom configurations based on the data received from the indicator.

Additionally, **W8Suite** features intuitive access control functionalities. Users can create password-protected accounts, assign permissions for various sections of the software, and benefit from robust logging and auditing capabilities.



The screenshot above is of the W8Suite receive and dispatch history tab, where operators can view, email and print previous transactions that took place.

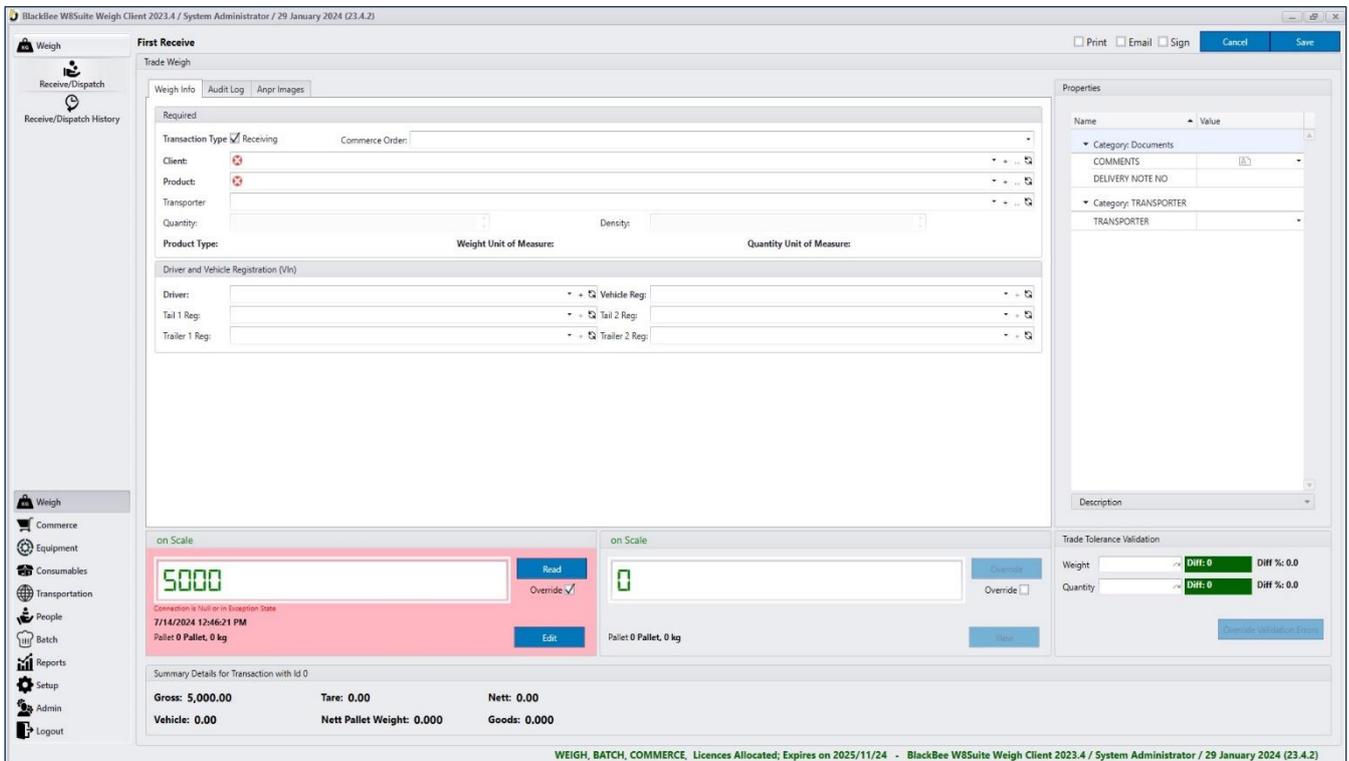
2 W8Suite overview

Various modules can be integrated into the W8Suite software, enhancing and customising its appearance and functionality.

Module	Description
Standard Weigh	The weigh module is the default component visible upon installing W8Suite. It enables users to perform weighing tasks, access previous transactions, generate reports, and utilize additional features.
Axle Weigh	The axle module enhances the software by enabling axle weighing during transactions. Users can also pre-configure vehicle layouts, ensuring more precise axle weight measurements.
Commerce	The commerce module introduces financial functionalities, allowing for the linkage of orders to receiving and dispatching transactions.
Batching	The batcher module introduces a batching system, allowing multiple indicators to weigh various materials in different hoppers and perform the necessary calculations.

2.1 W8Suite module

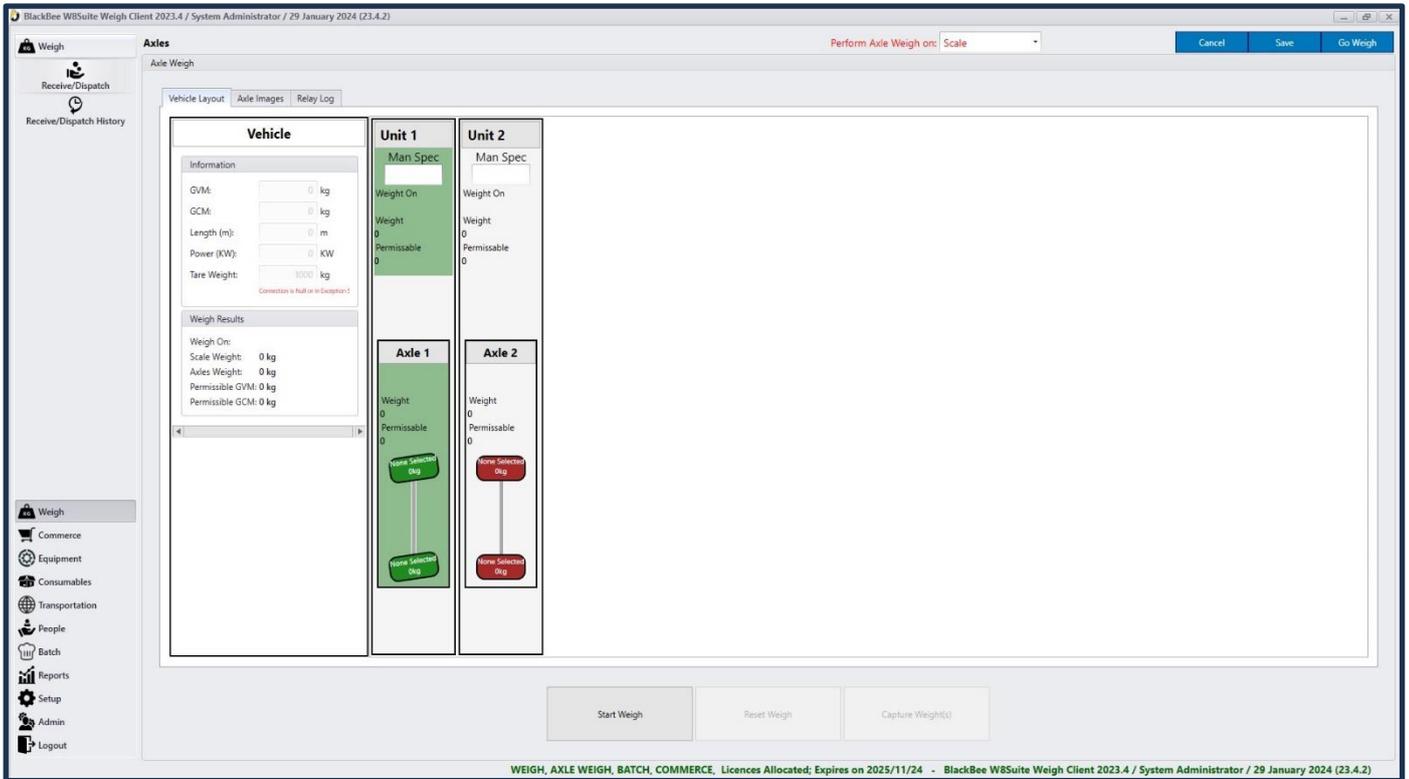
The **W8Suite** module is the foundational software installed on every PC requiring weighing system capabilities. It offers extensive functionality including reporting, access control, and printing and emailing capabilities. When integrated with **W8Link** (refer to the **W8Link** brochure), the module enhances operations with hardware automation and remote weighing capabilities.



The screenshot above showcases the weighing transaction screen, which operators primarily utilise during transactions. The interface consolidates all necessary elements into a single screen, streamlining the transaction process and enhancing efficiency for operators.

2.2 Axle module

The axle module adds axle weighing functionality, allowing operators to add various fields within the software that allows more precise axle weighing.



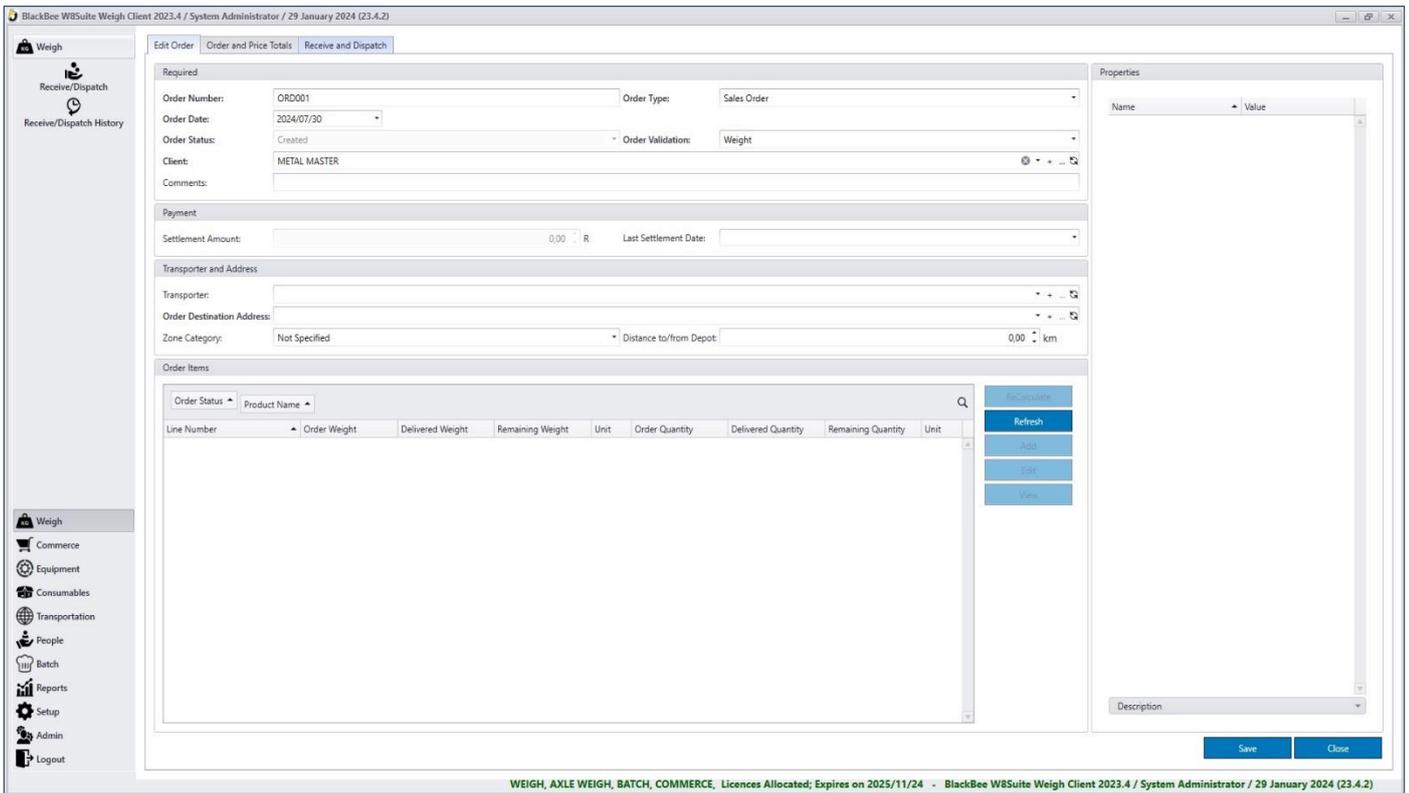
2.3 Batching module

The batching module provides an interface for creating formulas (end products) comprised of multiple activities involving raw materials. These activities involve gathering and processing raw materials to produce final products. The software efficiently manages multiple batches, each with various ingredients that yield multiple outputs.

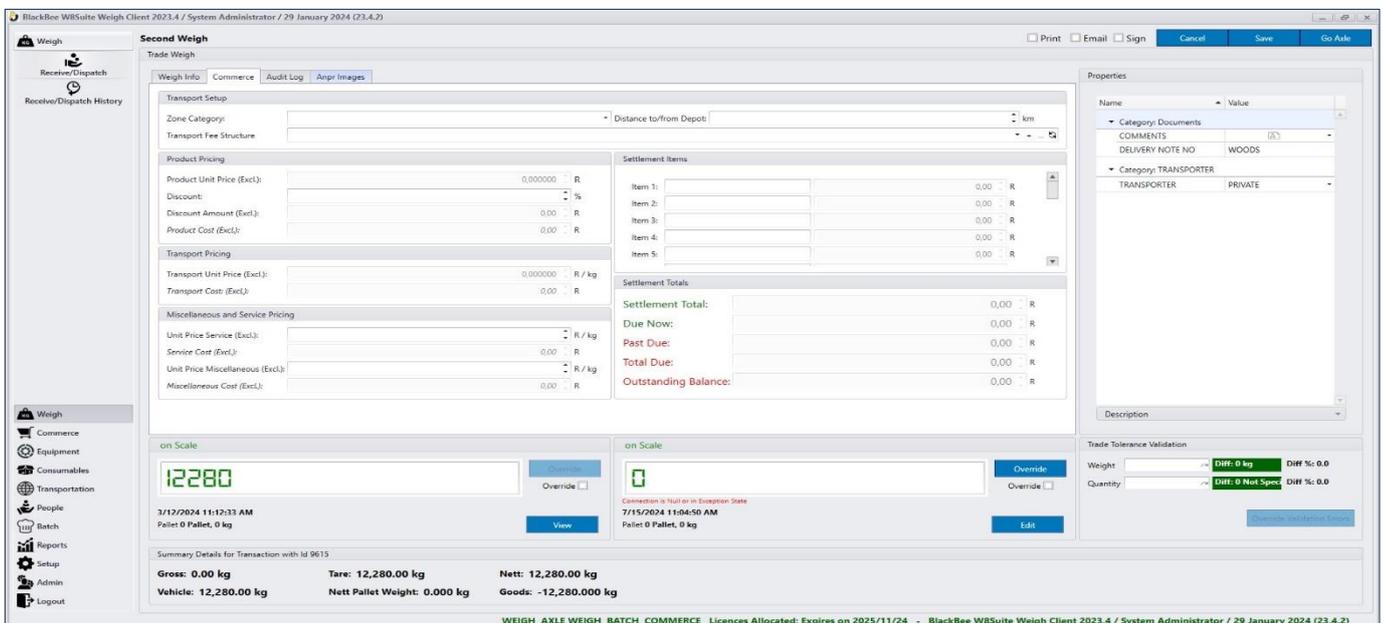
This module was designed to meticulously track all materials utilised on site throughout the production process.

2.4 Commerce module

The Commerce module introduces order management functionality, facilitating the creation of sales or purchase orders. During transactions, when transporters or clients drop off or receive products for specific orders, these transactions can be seamlessly linked to their respective orders. The module automates calculations related to the order, including outstanding materials to be received or dispatched, and provides visibility into outstanding orders.



The screenshot above illustrates the order creation process, presenting all required fields for order completion. The top tabs enable operators to view order details and pricing totals if included. The "Receive" and "Dispatch" tabs provide a summary of transactions associated with the order. The Commerce module additionally incorporates a settlement and coupon system, enabling clients to settle debts using coupons. Below is a screenshot of the transaction screen:



3 Printing and email

Printing of transaction tickets can be configured for automatic output following each weigh transaction. Additionally, users have the option to manually print previous transaction tickets. The W8Suite software includes built-in emailing functionality, allowing transaction slips to be easily emailed to designated email accounts set up within the software settings.

Moreover, automated emailing can be established to receive transaction slips immediately after each transaction.

The logos displayed on the transaction slip can be customised to feature any desired logo. Information lines on the slip are easily editable within the software settings.

Additionally, there is an attribute section on the slip designated for custom fields, which can be added or removed based on client requests.

Below is an example of a weigh slip following a complete transaction:

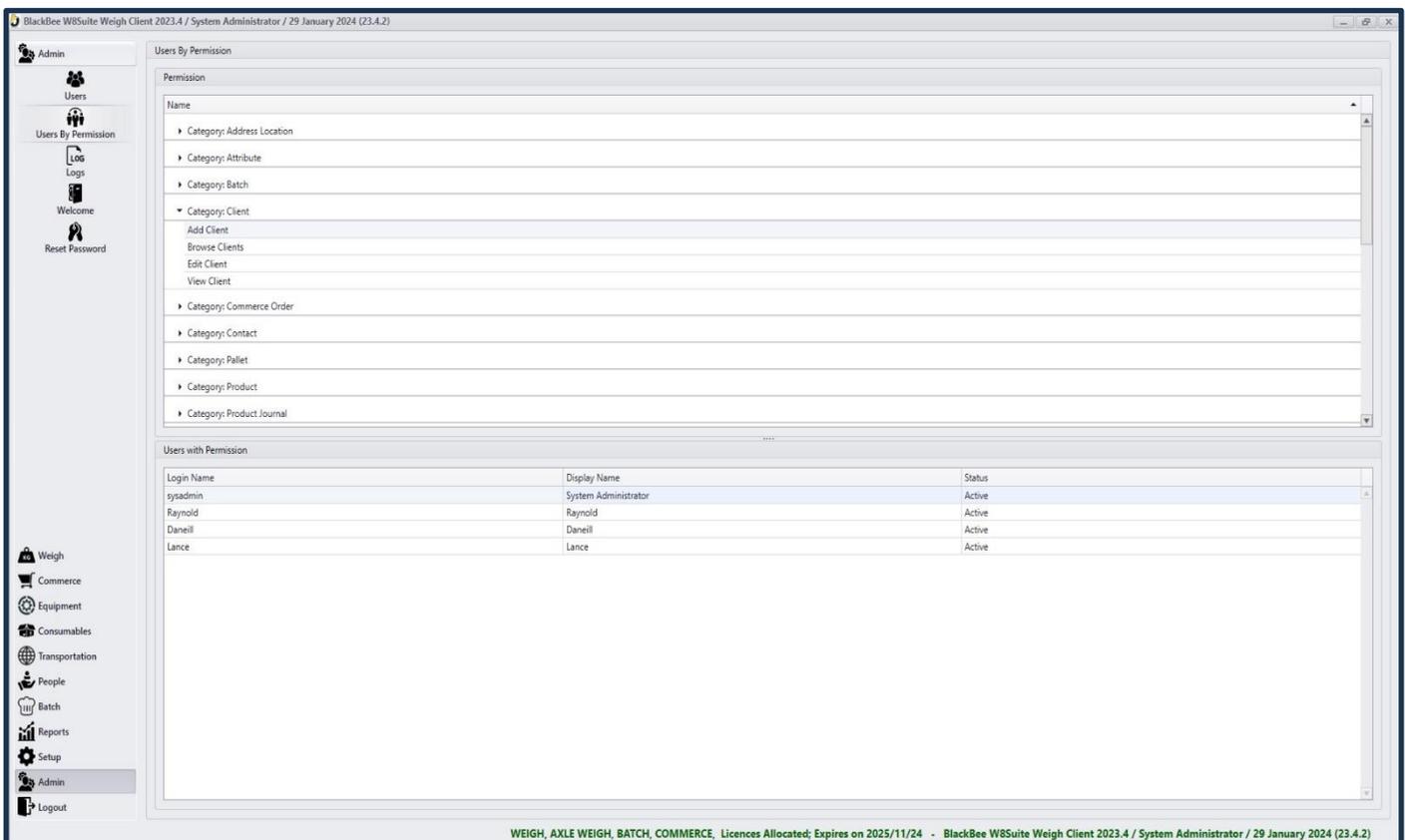
Ticket No: 119		
	Weigh Slip BlackBee Software - Acumatica Test Client info line info line info line info line	
<hr/>		
Client Information		
Name: Test Client	Reg No: CA12345	
Driver: BOBBY		
<hr/>		
Product Information		
Station: Receiving	Weight: 8500.00 Kg	
Category: Test Category	Name: Test Product	
Density: 0.000000	Quantity: 0.00	
Vgm Weight: 8500.00 Kg		
<hr/>		
Transporter and Order Information		
Order No: RECDES 119	Transporter: Test Transporters	
Order Date: 2024-06-24T19:37:26.425329	Del. Address:	
Ord. Weight: 8500.0000 Kg	Del. Weight: 8500.0000 Kg	
<hr/>		
Attribute Information (Double Column)		
Attribute a:	Attribute b:	
Attribute c:	Attribute d:	
Attribute e:	Attribute f:	
<hr/>		
Weigh Information		
Time In: 2024-06-24T19:36:45.047142		
Time Out: 2024-06-24T19:37:23.81062		
GROSS: 10000.00 Kg	TARE: 1500.00 Kg	
	NETT: 8500.00 Kg	
<hr/>		
Information		
Weigh 1		
Weigh 2		
<hr/>		
W/Bridge Operator Name:	Date:	
<hr/>		
Drivers Name: BOBBY	Signature:	
<hr/>		
Some Declaration		

4 Access control

The **W8Suite** module features integrated access control, enhancing data security and providing comprehensive oversight of daily weighbridge transactions.

User accounts, secured with passwords, can be created to control access to various sections within the software. Permissions can be customised to grant or restrict access based on user roles. Additionally, software functionalities such as weight override permissions can be enabled or disabled as needed.

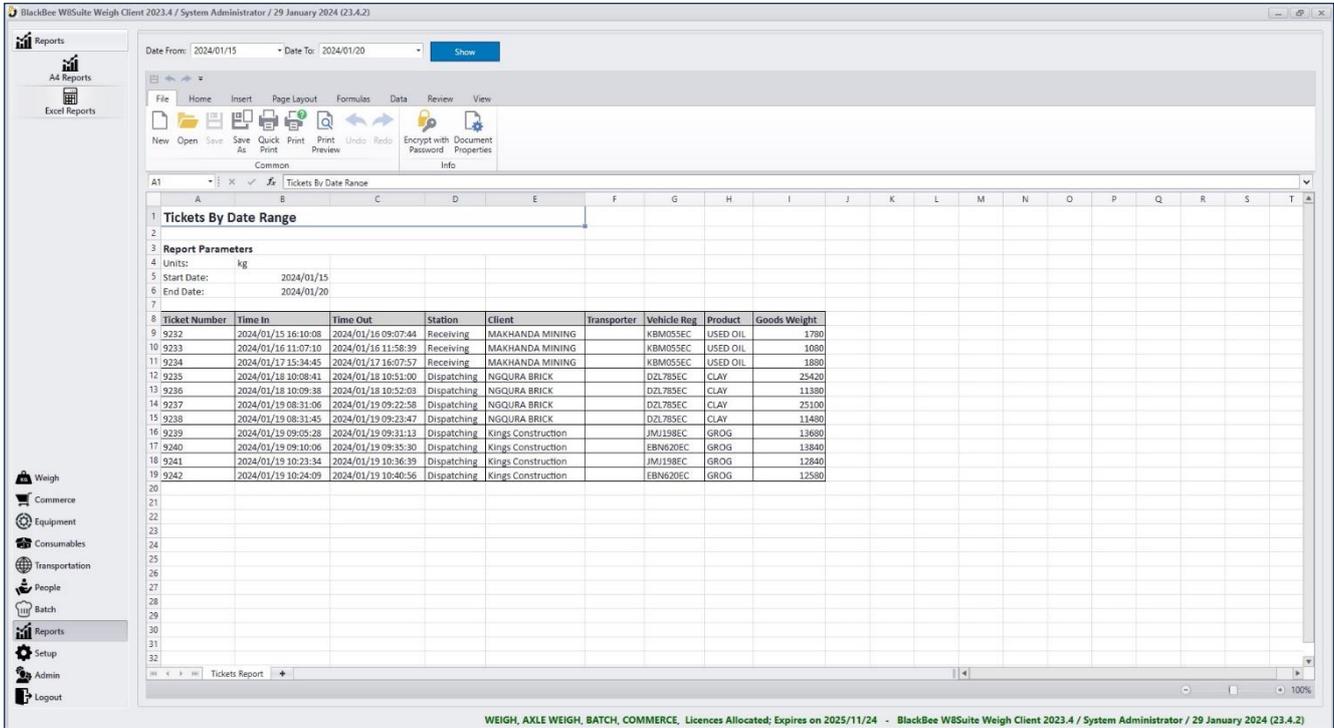
The software automatically logs activities such as initialisation, shutdowns, transaction details including user and timing and ensuring thorough audit capabilities.



The screenshot above illustrates the administrative section accessible to users with administrative rights, providing administrators with tools to track access permissions for each user.

5 Reporting

W8Suite reporting is capable of exporting A4 pdf reports and excel sheets. These reports can also be saved as CSVs and XML files. There are plenty of different reports to choose from, reports can also be grouped into different fields like transporters, products and any other transaction data that has been added to a transaction.



The above is a screenshot of a ticket report that has been generated which is being group by a specific to and from date.

6 W8Suite API

Our **W8Suite API** is designed to be scalable and provide seamless data exchange which will allow different systems or services to share data with each other. The W8Suite API also enables the automation of tasks, workflows and processes, by allowing services to interact with each other. It is built to handle large volumes and requests for data, making it an ideal choice for businesses that require a robust and flexible API solution.

The W8Suite API is built on a microservices architecture, with each service designed to scale independently. This allows for efficient use of resources and enables the system to handle sudden fluctuations in traffic.

With our W8Suite API in the cloud, it can be used to collect data and provide insights through analytics and reporting tools.

Features:

- RESTful API design for easy integration
- Support for multiple data formats (JSON, XML, etc.)
- Analytics and monitoring

7 System requirements

W8Suite has the following system operating requirements:

- Windows 10 and above
- .NET 8.0 Runtime
- Processor - (i3 11th gen or equivalent AMD) minimum
- RAM - 16 GB Minimum
- Hard Drive - 500GB SATA but SSD preferred - 1TB if the database is on the same desktop
- Monitor - 24" widescreen LCD with DisplayPort/HDMI or DVI support - (1920 X 1080) minimum
- Ethernet / USB to Serial cable
- Printer - POS or Laser or Dot-matrix

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