

GreenLeaf360: The Leaf-to-Ledger Blueprint



Total Operational Command

Live Metrics

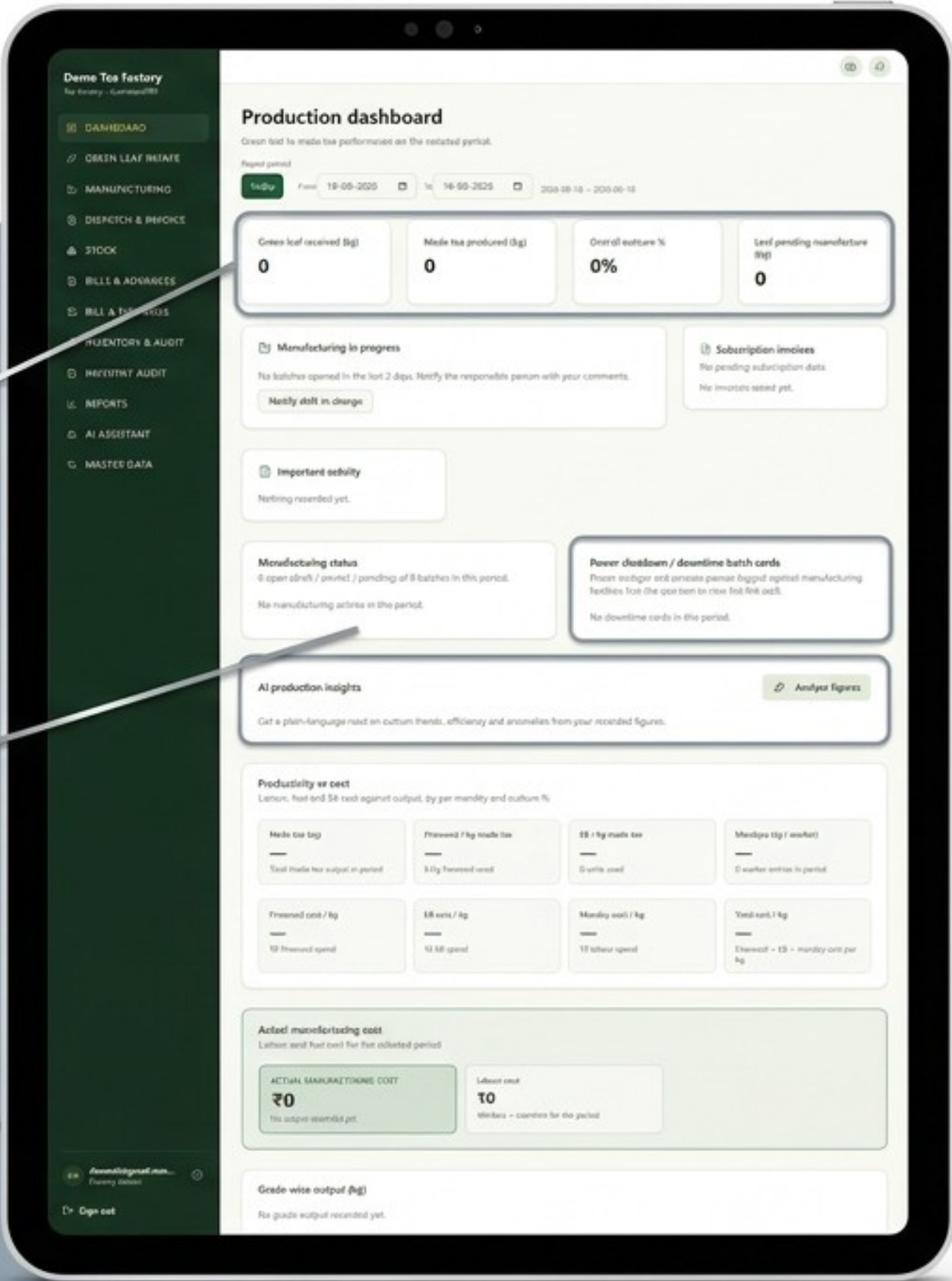
Instant visibility into Green leaf received, Made tea produced, and Overall outturn %.

Downtime Feed

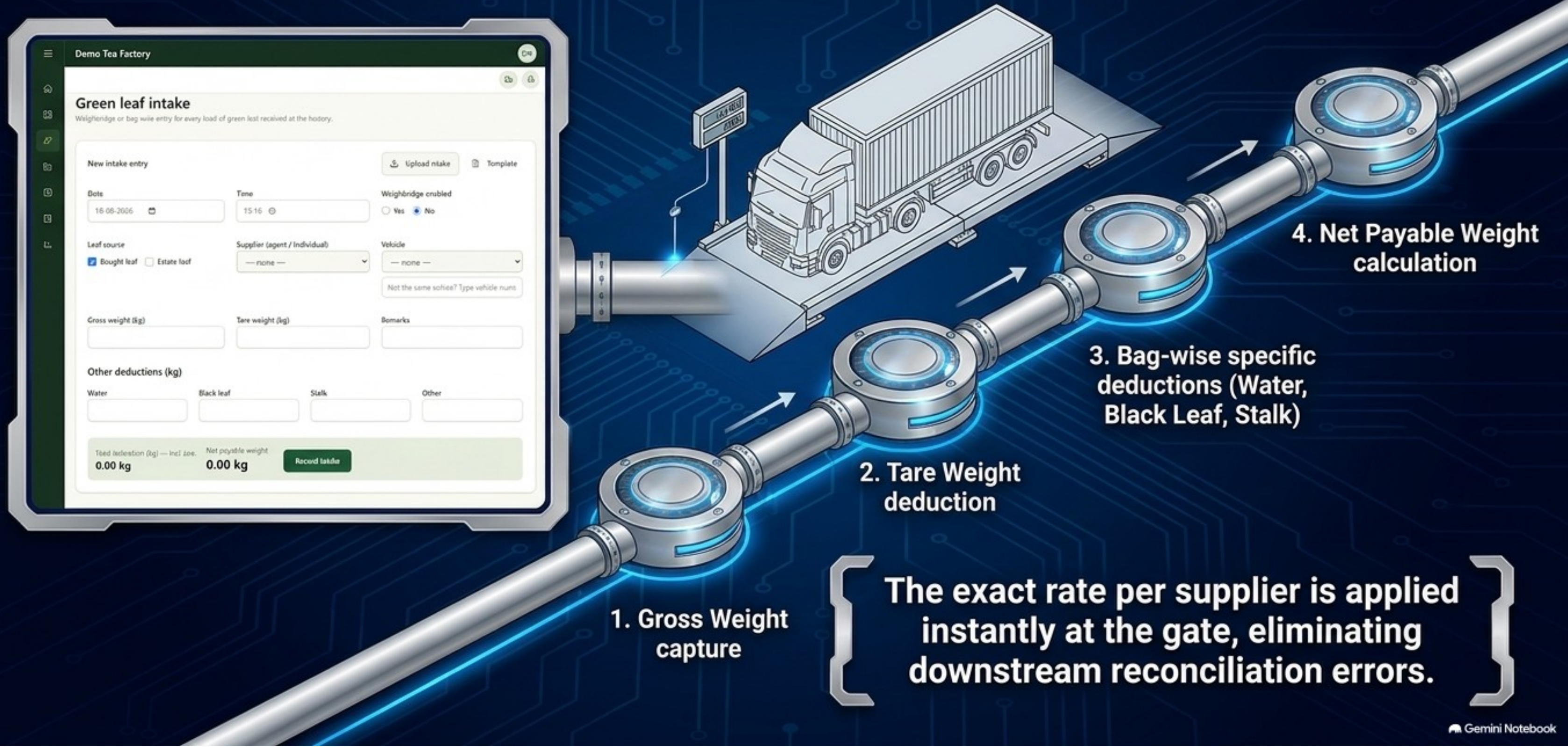
A live feed tracking power shutdowns and process pauses, ensuring no efficiency loss goes unnoticed.

Offline Resilience

If estate fields lose signal, data saves locally and syncs automatically upon network return.



Green Leaf Intake and Weighbridge Integration



The Manufacturing Funnel



Downtime Batch Card (DBC) — logging outages directly impacts cost-saving analytics.

Specific Made Tea Grades, feeding directly into the live stock ledger.



Manufacturing

Workers & Shift — manufacturing details — fuel & energy — grading — review & save.

☐ Start manufacturing 18 Aug 2025, 1:16:33 pm

New manufacturing entry No open draft View register / resume an entry

Turn on "Start manufacturing" above to fill in the entry form.

1. WORKERS & SHIFT 2. MANUFACTURING DETAILS 3. FUEL & ENERGY 4. GRADING

Shift pattern Shift 1 — 08:00 AM to 04:00 PM Shift (optional) — Add incharge —

Load template — none — Save as template

Assign workers — from master list Search workers by name or list Assign workers

Worker	Role	Task	Shift	Wage unit	OT hours	Cost
☐ Test Worker 1 Go Down Create	General	Test Task Clear tools Leaf feeding + Turf loss -	1 - 8:00 AM - 4:00 PM	10/day	0	— auto
☐ Test Worker 2	General	Test Task Clear tools Leaf feeding + Turf loss -	1 - 8:00 AM - 4:00 PM	10/day	0	— auto
☐ Test Worker 3	General	Test Task Clear tools Leaf feeding + Turf loss -	1 - 8:00 AM - 4:00 PM	10/day	0	— auto

Total workers
0

Total OT users
0

Total labour cost
₹0

Workers by Role
No workers selected yet.

The Live Stock Ledger

Demo Tea Factory
Green leaf / fuel and grade-wise made tea balances with intake / outside entry.

Stock till date: 15-06-2025

Item	Received	Consumed / Issued	Balance / readings	Value (₹)	Actions
Green leaf	14793 kg	14660 kg	127 kg	---	₹01 Delete
Firewood	0 kg	0 kg	0 kg	---	₹01 Delete
Charcoal	0 kg	0 kg	0 kg	---	₹01 Delete
Briquettes	0 kg	0 kg	0 kg	---	₹01 Delete
Diesel	0 litre	0 litre	0 litre	---	₹01 Delete
Electrical heater	0 kWh	0 kWh	0 kWh	---	₹01 Delete

ADD RECEIPT MADE TEA STOCK CHANGE INVENTORY

Add receipt (stock in)
Pressured, firewood, charcoal, briquettes and electrical heater units received from a supplier Net + gross + tax, and the per kg rate is marked out from the bid/offer.

Receipt date: 15-06-2025
Item: Firewood
Supplier: -- select supplier --

The Audit Trail

Every single manual adjustment in the system requires a mandatory comment, ensuring a completely tamper-proof history of material movement.

Raw Leaf

Fuel (Firewood, Diesel)

Made Tea (Grade-Wise)

Outbound Dispatch and Regulatory Compliance

Sathia Tea Factory

- Overview
- Gate pass
- New dispatch**
- Consignee
- Warehouse
- Broker
- Vehicle

New dispatch invoice

Gate pass no. (auto)	Date of removal	Time
	09/11/2023	13:00
Consignee	Warehouse	
Broker	Brand	
Vehicle	Manner of transport	
Name of excisable commodity	Rate of duty claimed	
Copy type	P.L.A. debit entry no.	
P.L.A. debit date		

Create dispatch **Upload dispatch invoices** **Template**

Step 1: Select Grade & Consignee



Step 2: System automatically reduces live stock



Step 3:
Auto-generation of Form E dispatch invoices

FORM E DISPATCH INVOICE

Export to file Print

Consignment No. P.L.A. debit entry no.

mandatory chest marks

Sl.	Item description	Quantity	Value	Tax Details

duty rates

P.L.A. debit entries

Particulars proposed for Species

Value Value class

T.L.A. Debit

Date Signature

Seamless translation of physical outtake into GST-ready sales and broker settlements.

Translating Timesheets to Manufacturing Costs



GreenLeaf360 Wage Setup
(Rates, OT, LOP)

Input:
**Daily Attendance
& Shift Patterns**

(Manufacturing staff,
regular staff, consultants)

Employee	Designation	Group	Status	Hours	OT hrs	Remarks
Test Worker 1	General	Manufacturing staff	Leave	0		On approved leave
Test Worker 2	General	Manufacturing staff	Not marked			
Test Worker 3	General	Manufacturing staff	Not marked			

Output:
**Live Actual
Manufacturing
Cost per kg**

Worker logs do not just track time; they dynamically feed the manufacturing cost engine, providing real-time profitability metrics per batch.

Automated Supplier Settlements

Bill & Payments

Weekly supplier bills built from green leaf intake. When the actual rate is set for a week, the difference over the advance rate becomes the pending payment. Any cash advance the agent or supplier has taken from the factory is recovered from that balance first.

Leaf billed (selected period)

**14,792.00
kg**

Advance value

**₹
1,76,820.00**

Bill value (actual)

**₹
2,73,452.50**

Advance outstanding

₹ 0.00

Net payable

**₹
36,345.00**

The Reconciliation Engine

**Base Bill
Value**
(Actual Rate)



**Minus
Advance
Value**
(Advance Rate)



**Minus
Cash
Advances**
(automatically
recovered)



**Final
Net
Payable**

Dynamic calculation ensures accurate payments and automatic deduction of advances.

The Security Architecture: Demarcating Financial Data

Cloud Operations



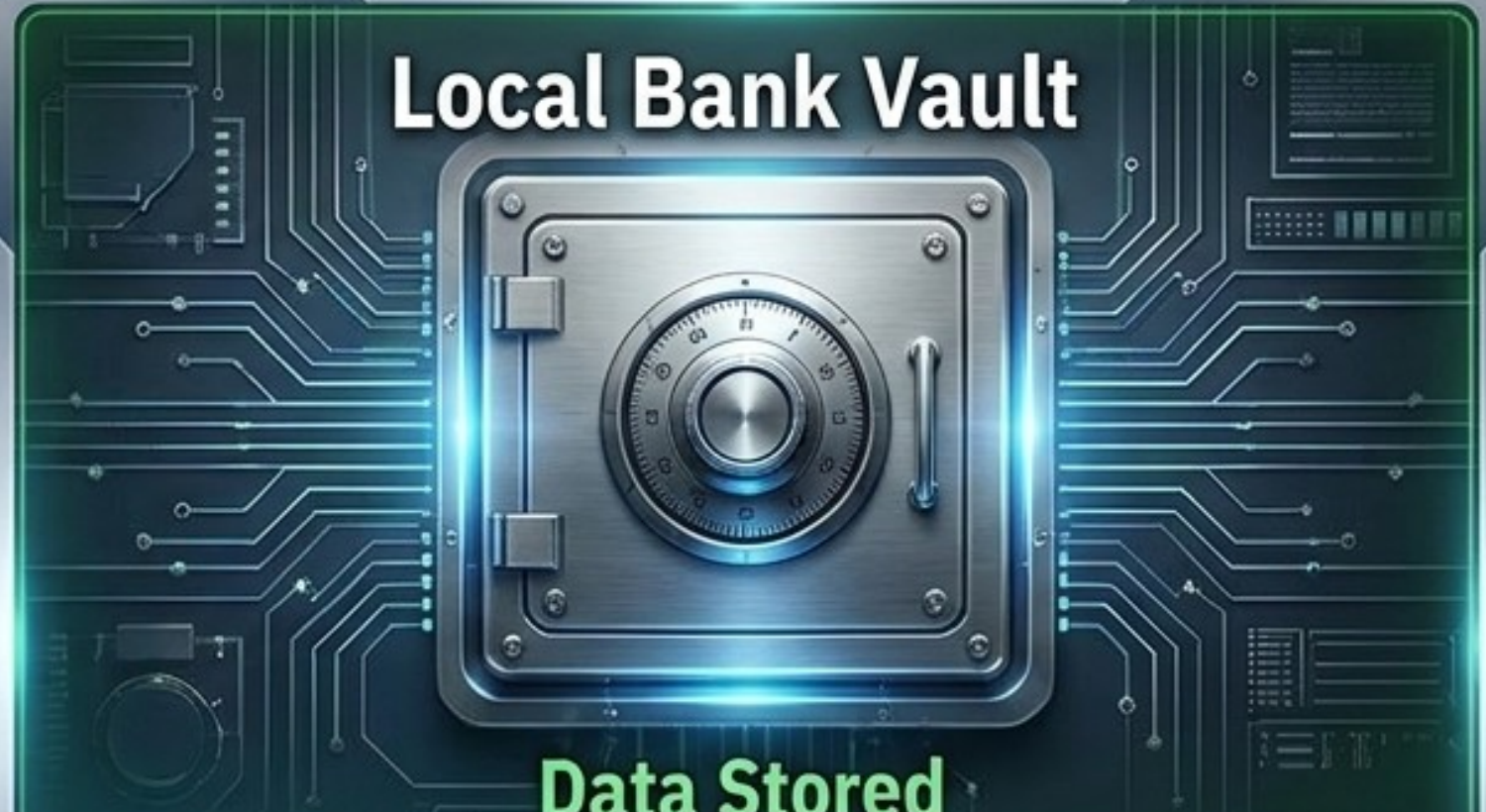
Data Stored

Gross leaf weights, deductions, running rates, calculated net payable amounts.

Accessibility

Accessible anywhere, on any device.

Local Bank Vault



Data Stored

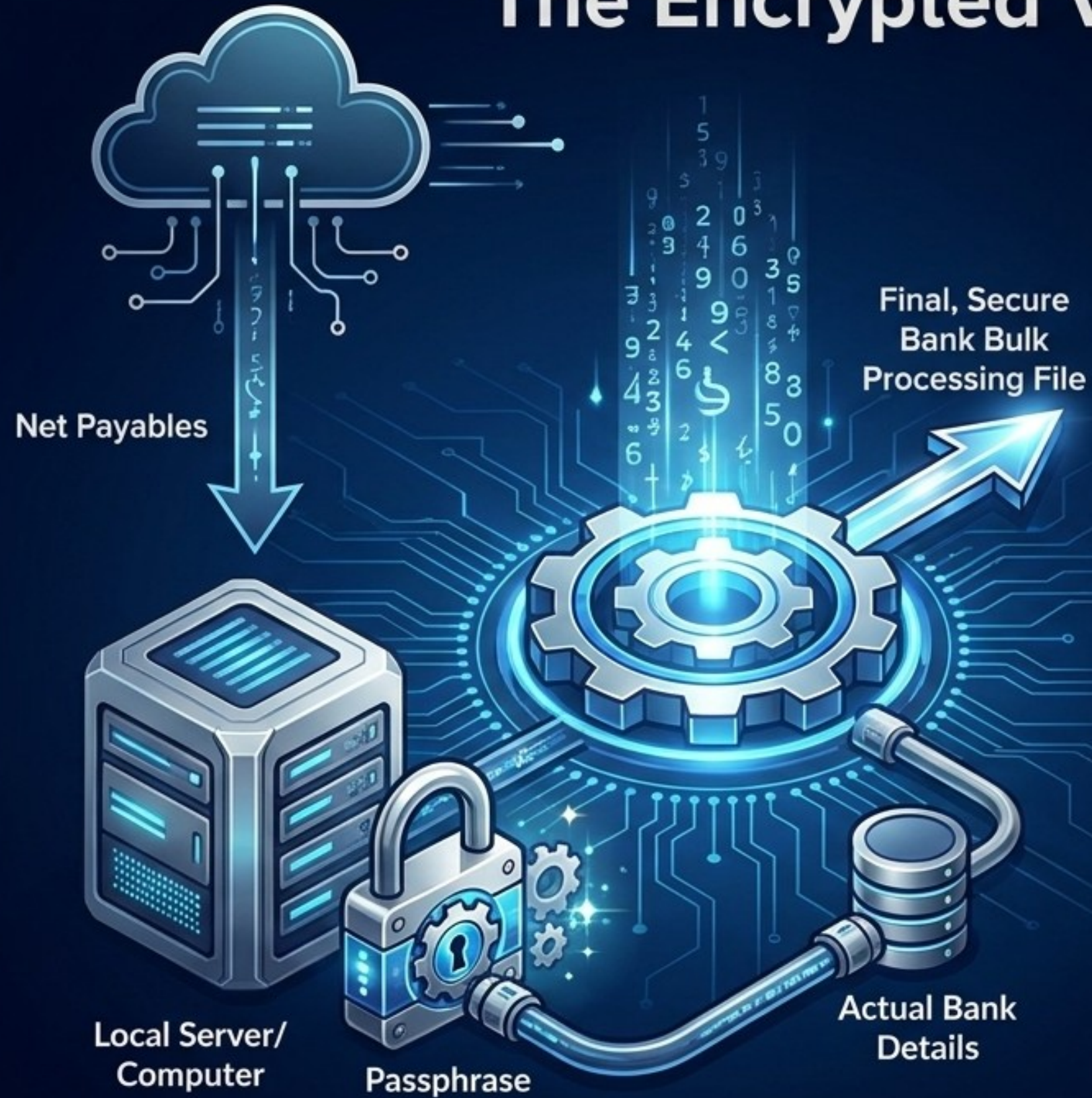
IFSC codes, raw bank account numbers, UPI IDs.

Accessibility

Locked via a local machine passphrase. Zero cloud exposure. Never leaves the factory premise.

Operational flexibility in the cloud; **bank-grade privacy** on the local machine.

The Encrypted Vault Mechanism



Bulk payment — workers & employees

Select workers and export a Canara bank bulk upload file.

1 Who & when

2 Amounts & checks

3 Pay & close

Pick the debit account, the period and how you are paying.

Payee bank account (debit from)

Demo Bank - 309093090930

Ordering customer name

Demo Tea Factory

Batch name

Optional

Manage debit accounts

Pay for

All outstanding bills

Processing

Online — bank upload file

Period of payment: outstanding bills

☒ Show only payees with payment for this period

Bank account and IFSC are required for every payee in the run.

Back

Next

Gross: ₹ 0.00 Net: ₹ 0.00

The Single Source of Truth



Enter data once at the weighbridge.
GreenLeaf360 automates the rest.

Month-End Closure and Variance Auditing

Sathia Tea Factory

Tea Factory - Confidential

Dashboard

Green Leaf MTRM

Manufacturing

Dispatch & Receive

Stocks

Bills & Advances

Bill & Payments

Inventory & Audit

Inventory

Monthly Audit

Work Items

Monthly Audit

Reports

AI Assistant

Master Data

Monthly stock audit

Physical count against the recorded balance for every stock item — green leaf, fuel, grade wide made tea and consumables such as packing bag, boxes, assembling unit, breath and electricity/machine material.

Audit date

15-08-2025

Notes

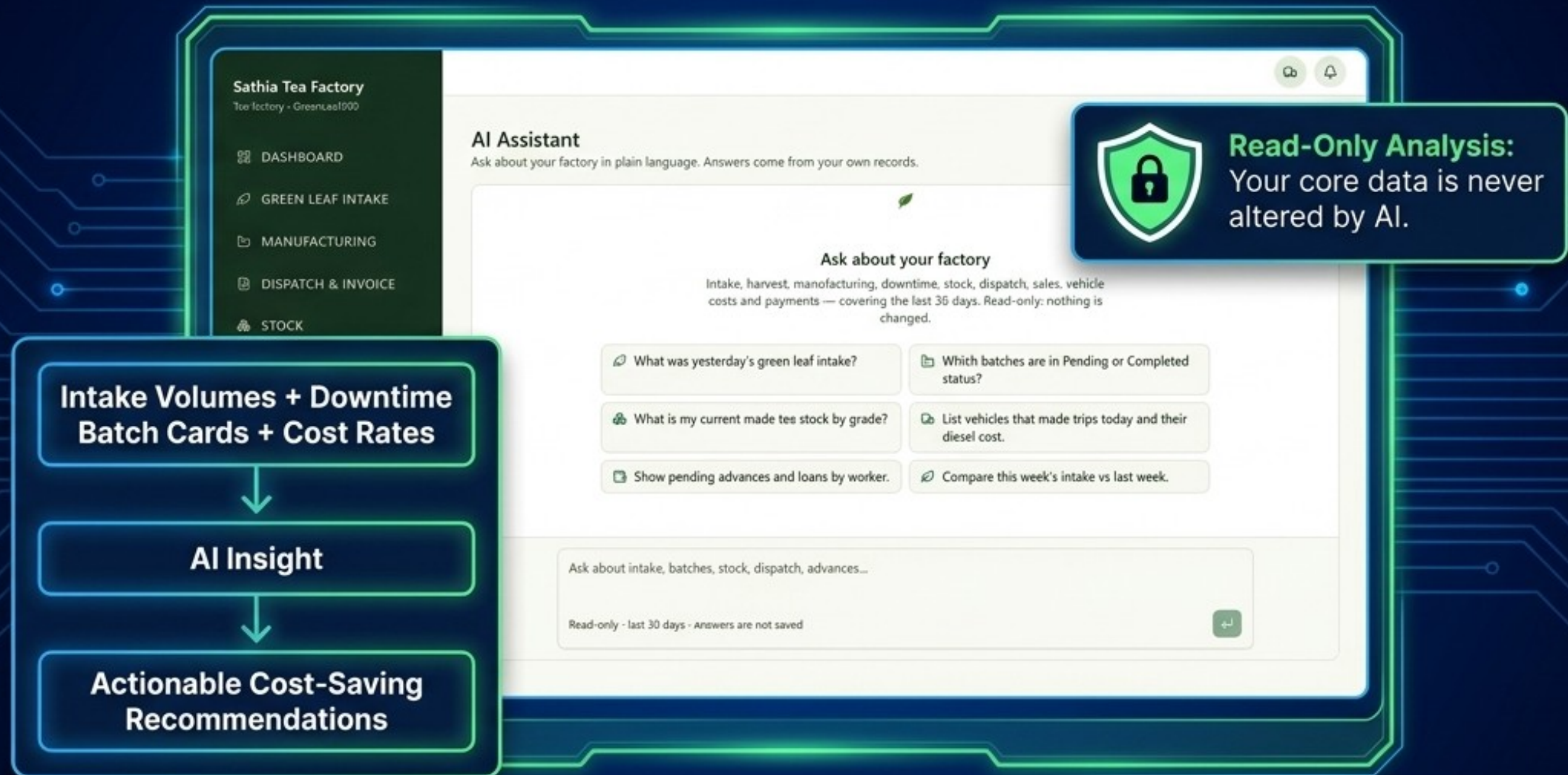
Item	Type	Record stock	Physical stock	Variance	Comment
Green leaf	Green Leaf	127 kg		—	
Firewood	Fuel	0 kg		—	
Charcoal	Fuel	0 kg		—	
Briquettes	Fuel	0 kg		—	
Diesel	Fuel	0 litre		—	
SRD — Super Red Dust	Tea	0 kg		—	
GD — Golden Dust	Tea	0 kg		—	
FD — Fine Dust	Tea	0 kg		—	
SFD — Super Fine Dust	Tea	0 kg		—	
BOP — Broken Orange Pekoe	Tea	0 kg		—	
BOPSM — Broken Orange Pekoe Small	Tea	0 kg		—	
BP — Broken Pekoe	Tea	0 kg		—	
OF — Orange fannings	Tea	0 kg		—	
PF — Pekoe fannings	Tea	0 kg		—	
PD — Pekoe Dust	Tea	0 kg		—	
RD — Red Dust	Tea	0 kg		—	
DUST — Dust	Tea	0 kg		—	
FNGS — fannings	Tea	0 kg		—	
UNGRADED — Ungraded	Tea	0 kg		—	

Save audit



The platform automatically flags discrepancies between intake, production, and dispatch, requiring mandatory management review and explanation before the financial period can be officially locked.

AI-Driven Operational Intelligence



**From the physical factory floor to encrypted financial settlements,
GreenLeaf360 turns raw data into your competitive advantage.**