



FUEL STATION SOLUTION BOOKLET

Ubinios for Fuel Stations

One connected platform for stations, tanks, pumps, attendants, deliveries and books

Know every litre and every naira at every station, without standing on the forecourt

CONFLUENCEBITS

People · Pay · Sales · Stock · Books — one platform for Nigerian business

Table of Contents

PART I	Introducing UbiniOS Fuel	3
01	About UbiniOS	4
02	The Challenge	4
03	Our Solution	5
04	Core Value Proposition	5
PART II	Platform Capabilities	6
05	Key Modules	7
PART III	The Connected Business	11
06	The Connected Station	12
07	Station 360°	13
08	Built-in Loss Prevention	13
09	Dashboards & Management Visibility	14
PART IV	Business Value	15
10	Business Benefits	16
11	Who Is It For?	17
12	Key Users	17
PART V	Security, Integration & Delivery	18
13	Security & Access Control	19
14	Integration	19
15	Why UbiniOS?	20
16	Implementation & Support	21
PART VI	What's Next & Vision	22
17	Coming Next	23
18	The UbiniOS Difference	24
19	Our Vision	25
20	Closing Message	25
21	Contact	26

PART I

Introducing UbiniOS Fuel

About UbiniOS, the problems fuel station owners face every day, and the platform built to solve them.

01 About Ubinios

Ubinios is a business operating platform built in Nigeria for Nigerian businesses. It brings people, payroll, sales, stock, operations and books into one connected system, so an owner can see and control the whole business from one place.

Ubinios is built and supported by **ConfluenceBits**. Our products are designed around how Nigerian businesses actually run: several branches, an owner who cannot be everywhere at once, cash at the till, staff paid weekly or monthly, and tax and pension rules that keep changing.

Ubinios Fuel is the fuel-station edition of the platform. It adds tanks, pumps, nozzles, pump prices, dips, tanker deliveries, attendant shift sheets, daily wet-stock reconciliation and prepaid fuel vouchers to the core of Ubinios: people, payroll, point of sale, inventory and accounting.

02 The Challenge

A fuel station handles large volumes of product and cash every day, across shifts, attendants and often several sites. In many stations the controls still live on paper meter sheets, exercise books, WhatsApp messages and the manager's memory. This can result in:

- Litres that leave the tank without being paid for
- Attendant shortages that are noticed late or never
- Tanker deliveries that come in short
- Pump prices changed without authority
- Dip readings that are skipped or written up after the fact
- Paper meter sheets that are hard to check and easy to alter
- Prepaid fuel for fleet customers tracked in notebooks
- Owners who only find out about losses at month end
- Takings re-keyed by hand into the accounts
- No single view across several stations

THE BOTTOM LINE

A modern fuel business needs more than a meter sheet and a calculator. It needs every litre and every naira tracked from the tanker to the bank, in one system.

03 Our Solution

UbiniOS Fuel

UbiniOS Fuel replaces the paper meter sheet, the dip book and the delivery notebook with one connected system. Head office sets pump prices, staff record dips, deliveries and shift readings, and the system does the arithmetic: litres sold, naira expected from each attendant, shortages, and the daily balance between what came in, what was sold and what is left in the tank.

When something does not add up, the owner hears about it. Approved shifts and deliveries go straight into the books, so the accounts reflect what happened on the forecourt.

IN SHORT

One platform. Every station. Every litre accounted for.

04 Core Value Proposition

UbiniOS Fuel enables you to:

Control Head-office pump prices, shift approval by a second person, and a full history of every reading.	Account Every litre from tanker to tank to nozzle to naira, reconciled every morning.	Alert Short drops, attendant shortages, tank variances and low stock raised automatically.
Automate Litres sold, expected cash, shortages and journals calculated for you.	Analyse Shortage trends by attendant, delivery scorecards by supplier, variance by tank.	Scale Run one station or many from one account, with staff restricted to their own site.

PART II

Platform Capabilities

Eleven connected modules covering the daily running of a fuel station business.

05 Key Modules

UbiniOS Fuel is organised into eleven modules, each covering a critical part of running a station while staying fully connected to the rest of the platform.

5.1 Station Setup

Describe each station's products, tanks, pumps and nozzles once, so every reading and report adds up.

KEY CAPABILITIES

- Fuel products (PMS, AGO, DPK and others)
- Tanks with product, capacity and reorder level
- Pumps linked to tanks, nozzles linked to pumps
- Each nozzle knows its tank and station
- Many stations under one business account
- Staff restricted to their assigned stations
- Fuel features switched on per business
- Demo station with 90 days of history for training

5.2 Central Pump-Price Control

Head office sets the price. Attendants and stations cannot change it.

KEY CAPABILITIES

- Price per litre with a start date and time
- Schedule a price change in advance
- Company-wide price with per-station overrides
- Full price history that cannot be edited or deleted
- Separate permission for who may set prices
- Each shift locks the price for its business day
- A shift cannot open without a price in force

A price change in the middle of the day cannot be used to change what attendants owe.

5.3 Tank Dips & Stock Levels

Record how much product is in every tank, and see it at a glance.

KEY CAPABILITIES

- Opening, closing and spot dips in litres
- Optional water reading and notes
- Readings above tank capacity rejected
- Who took each reading and when is recorded
- Readings cannot be edited after saving
- Fill-level card for every tank
- Low-stock alerts against each tank's reorder level
- Dip history filtered by type and date

5.4 Tanker Deliveries & Supplier Accountability

Prove what the truck actually discharged, and hold suppliers and drivers to account.

KEY CAPABILITIES

- Waybill number and waybill quantity
- Dips before and after discharge
- Supplier, driver name and phone, truck number
- Cost per litre
- Litres received and shortage calculated
- Flag a delivery as disputed and resolve it with a note
- Supplier and driver scorecard
- Protection against saving the same delivery twice

BUSINESS BENEFIT

Short drops above your tolerance raise a Warning, and large ones a Critical alert. Deliveries keyed in more than 24 hours late are flagged too.

5.5 Attendant Shift Sheets

Replace the paper meter sheet with a shift sheet the system checks as you go.

KEY CAPABILITIES

- Open a shift per station and day
- Assign an attendant to every nozzle
- Opening meters pre-filled from the last closed shift
- Readings below the last closing rejected unless marked as a meter reset
- Attendants picked from the staff list
- Late arrivals added while the shift is open
- Closing meters and test returns recorded
- Each attendant declares cash, POS, transfer and voucher takings
- Litres sold and naira expected calculated per attendant
- Shortage or overage per attendant

5.6 Shift Approval & Corrections

A second person checks the money before it reaches the books.

KEY CAPABILITIES

- Shift moves from Open to Closed to Approved
- The person who closed a shift cannot approve it (owner setting)
- Reopen a closed shift only with a written reason
- Reason and number of reopens shown on the shift
- Approved shifts are locked
- Shortage alerts refreshed when a shift is re-closed

CONTROL

An attendant shortage of 5% or more of expected takings, or ₦20,000 or more, is raised as a Critical alert. Smaller shortages are raised as Warnings.

5.7 Daily Wet-Stock Reconciliation

Catch product that leaves the tank without being sold.

KEY CAPABILITIES

- Runs automatically every morning at 06:30 for every tank
- Opening dip + deliveries – metered sales = expected closing
- Expected closing compared with the actual closing dip
- OK, Warning or Critical against limits you set
- Missing dips marked as No Data and flagged
- Recompute any day after a correction
- 30-day variance trend for every tank

5.8 Fuel Vouchers for Corporate Customers

Sell prepaid fuel to fleets, transport companies and organisations.

KEY CAPABILITIES

- Vouchers for a naira amount or for litres
- Litre vouchers lock the price at issue
- Issue one voucher or up to 100 at once
- Link vouchers to a customer
- Start and expiry dates, with automatic expiry
- Part payments, active once fully paid
- Upload payment receipts against a voucher
- Redeem on the forecourt shift or at the till
- Shift close checks voucher takings against recorded redemptions
- Cancelling a paid voucher refunds and reverses it

5.9 Controls, Alerts & the Morning Brief

Problems come to the owner instead of the owner hunting for them.

KEY CAPABILITIES

- One alerts screen for every station
- Alerts sorted by severity with filters and detail
- Acknowledge alerts so the team knows they were seen
- Hourly in-app notice of new alerts
- Daily control digest by email to the people you choose
- Morning brief email at 07:15 summarising the business
- Covers short drops, late deliveries, shift shortages, tank variances, missing dips and low stock

5.10 Automatic Bookkeeping

Approved shifts and deliveries land in the accounts without re-keying.

KEY CAPABILITIES

- Journal posted for every approved shift
- Cash, POS, transfer and voucher takings posted separately
- Fuel sales posted by product with litres
- Each attendant's shortage or overage posted to an over/short account
- Voucher payments and refunds posted to voucher liability
- Draft supplier bill created from every delivery at the received cost
- Shortage notes attached to the bill so they can be claimed back
- Entries for a closed accounting period wait safely as drafts
- Duplicate postings prevented

5.11 Team, Payroll & the Forecourt Shop

The rest of UbiniOS runs the people and the shop around the pumps.

KEY CAPABILITIES

- Attendants linked to employee records in UbiniPeople
- Rotas, clock-in and attendance in UbiniPeople
- Monthly or weekly payroll with PAYE and pension in UbiniPayroll
- Lubricants and shop items in inventory
- Stock counts, transfers between stations, purchase orders and goods received
- Shop sales through UbiniPOS with cash control

PART III

The Connected Business

How the modules work together so one action updates everything that depends on it.

06 The Connected Station

The real strength of UbiniOS Fuel is not any single module. It is how they connect. For example:



A delivery feeds the next morning's reconciliation and creates the supplier bill. A shift locks the price, works out each attendant's position, and posts to the books once approved. Information flows from the forecourt to the owner instead of being re-written at each step.

07 Station 360°

Every station has one consolidated picture. The owner or manager can see:

- Current fill level of every tank
- Today's reconciliation status
- Open and closed shifts
- Shortages by attendant
- Deliveries and open disputes
- Prices in force and their history
- Vouchers issued, paid and redeemed
- Open alerts by severity
- Posted journals and supplier bills
- Staff assigned to the station

RESULT

Less chasing. Faster answers. Losses caught while they are still small.

08 Built-in Loss Prevention

UbiniOS Fuel is designed around the ways money and product actually go missing at a station:

- Prices only set by authorised head-office staff
- Shift price locked for the business day
- Meter readings checked against the last closing
- Second person approves each shift
- Reopening a shift needs a written reason
- Readings and price history cannot be edited
- Short-drop tolerance on every delivery
- Daily tank-by-tank variance check
- Missing dips flagged, not ignored
- Attendant shortage history kept over time

These controls protect honest staff as much as they expose problems: every figure shows who recorded it and when.

09 Dashboards & Management Visibility

Owners should not have to wait for a manager's report to know what is happening at their stations.

Ubinios Fuel gives decision-makers live screens and daily summaries.

Owner and management reports answer questions such as:

- How full is each tank right now?
- Which tank lost product, on which day, and how much?
- Which attendants are short repeatedly, and by how much?
- Which supplier or driver delivers short?
- What did each nozzle and attendant sell this shift?
- Which shifts are still waiting for approval?
- What price applied at which station, and when?
- What prepaid fuel is still owed to customers?
- What needs my attention today?

MANAGEMENT ADVANTAGE

The morning brief arrives by 07:15, so the owner starts the day knowing where the problems are.

PART IV

Business Value

What changes for the owner, the managers and the staff who use it every day.

10 Business Benefits

Fewer Losses

Daily reconciliation and shortage alerts surface leakage while it is still small.

Accountable Attendants

Every litre is tied to a nozzle, an attendant and a shift.

Honest Deliveries

Before-and-after dips and a supplier scorecard make short drops visible.

Price Discipline

Only head office sets prices, and every change is on record.

Less Paperwork

Meter sheets, dip books and delivery notebooks replaced by one system.

Books That Match the Forecourt

Approved shifts and deliveries post to the accounts automatically.

Better Fleet Business

Prepaid vouchers for corporate customers, issued and tracked properly.

Multi-Station Visibility

Run several stations from one account and one set of reports.

Room to Grow

The same platform runs your people, payroll, shop and accounts as you expand.

11 Who Is It For?

UbiniOS Fuel is designed for:

- Independent fuel station owners
- Owners of two to ten stations
- Station chains with an absent owner
- Stations with a forecourt shop or lube bay
- Stations selling prepaid fuel to fleets
- Businesses running fuel alongside other trades

12 Key Users

Each person sees only what their role needs:

Owner / Executive

Morning brief, alerts, reconciliation, shortage and delivery reports across all stations.

Head Office

Pump prices, station setup, control thresholds and alert recipients.

Station Manager

Dips, deliveries, shift opening and closing, vouchers for their station.

Supervisor

Approves shifts closed by others and follows up shortages.

Attendants

Recorded on the shift sheet against their nozzles; no login needed.

Accountant

Journals, supplier bills, over/short accounts and financial reports.

HR & Payroll

Staff records, rotas, attendance and payroll in UbiniPeople and UbiniPayroll.

Administrator

Users, custom roles, permissions and station access.

PART V

Security, Integration & Delivery

How your information is protected, what UbiniOS connects to, and how we get you live.

13 Security & Access Control

Your business information, your staff records and your numbers are sensitive. UbiniOS is built with access control and accountability at its core, not added later.

- Secure central sign-in (OAuth 2.0 with PKCE)
- Two-factor authentication with recovery codes
- Role-based access with fine-grained permissions
- Custom roles built around your own team
- One login across several businesses, each kept separate
- Every request checked against the business it belongs to
- NIN, BVN, TIN and bank account numbers stored encrypted
- Password-protected PDF payslips (employer option)
- Approval workflows and maker-checker on money-related actions
- Bank-detail changes always need a second approval
- Records of who did what, and when
- Time-limited, reason-logged support access for UbiniOS staff
- Staff restricted to their assigned stations

Roles, approval limits and approval chains are configured to suit each business.

14 Integration

UbiniOS is the operating centre of your business. Its own modules are already connected to each other, and it connects to the outside services your business relies on:

- Paystack for subscription billing
- Bank payment files for salaries, with bank confirmation upload
- Bank statement import (CSV) and reconciliation
- Accounting journal export for QuickBooks, Sage and Xero
- Statutory files for LIRS, FCT-IRS, PenCom, FMBN, NSITF and FIRS
- Email delivery of payslips, invoices, statements and digests
- In-app notifications with live updates

Inside UbiniOS, people, payroll, point of sale, operations and accounting are already connected, so information entered once flows to every module that needs it.

15 Why Ubinios?

Built for the Forecourt

Designed around tanks, nozzles, dips, waybills and attendant shifts, not adapted from a generic shop system.

Integrated, Not Fragmented

Fuel, people, payroll, shop and accounts share one record.

Controls First

Second-person approval, locked prices and immutable readings are built in.

Configurable

Set your own variance limits, short-drop tolerances and alert recipients.

Local Understanding

Built in Nigeria for Nigerian products, staffing and tax rules.

Grows With You

Add stations, a shop or a new line of business on the same platform.

16 Implementation & Support

We work with you from the first conversation to the day your team runs on UbiniOS, and after.

Implementation

- Business process review
- Setup of branches, roles and permissions
- Approval limits, alert thresholds and recipients
- Staff import from our Excel/CSV template
- Opening balances for accounts and payroll
- User setup
- Go-live support
- Stations, tanks, pumps, nozzles and prices set up with your team

Training

- Owner and administrator training
- Departmental training
- End-user training
- Practice on a sample business before go-live

Post-Implementation Support

- Support by email
- Updates delivered automatically in the cloud
- System monitoring
- Troubleshooting
- Continuous improvement from customer feedback

PART VI

What's Next & Vision

What we are building next, the change UbiniOS makes, and how to get started.

17 Coming Next

These capabilities are on the UbiniOS Fuel roadmap. They are **not** available today.

Photo Evidence on Readings

Attach a photo to dip and meter readings so figures can be checked remotely.

WhatsApp Alerts & Brief

Shortage, variance and short-drop alerts on the owner's WhatsApp.

Fleet Credit Accounts

Credit customers with limits, statements and reminders, alongside prepaid vouchers.

Attendant Shortage Deductions

Agreed shortages passed to payroll as deductions, with approval.

Fuel Margin Reporting

Stock value and cost per litre for margin by product and station.

Offline Shift Capture

Record readings during network outages and sync when the connection returns.

OUR PROMISE

Everything in Parts II to V of this booklet is available in UbiniOS today. The items on this page are on our roadmap and are clearly marked as such. We will not sell you a feature that does not yet exist.

18 The UbiniOS Difference

FROM Paper meter sheets	→	TO Checked digital shift sheets
FROM Month-end surprises	→	TO Daily reconciliation
FROM Trusting the waybill	→	TO Before-and-after dips
FROM Prices set at the pump	→	TO Head-office price control
FROM Re-keying takings	→	TO Automatic journals
FROM Calling every station	→	TO One morning brief

19 Our Vision

VISION

To give every Nigerian fuel station owner complete, honest visibility of their product and money, from the tanker to the bank.

20 Closing Message

Run Every Station Like You're Standing In It

Running a fuel business is a game of litres and naira, and small losses add up fast.

Owners need more than a record of what staff say happened. They need a system that checks the numbers, raises the alarm and keeps the books straight.

By bringing station setup, pricing, dips, deliveries, shifts, reconciliation, vouchers, alerts and accounting into one platform, UbiniOS Fuel helps owners stop leakage, hold staff and suppliers to account, and make decisions on facts.

UbiniOS

Every litre. Every naira. Every station.

21 Contact

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For product demonstrations, implementation enquiries and partnership opportunities, contact ConfluenceBits.