

# Titan Fuel Analytics

## Protect fuel margin, reduce variance, and keep forecourts flowing



Connect wetstock, sales, deliveries, alarms, and dispenser performance on one unified platform built for complex fuel retail networks. Titan Fuel Analytics helps operators improve inventory control, reduce fuel loss, and protect forecourt performance across every site.

### Titan Fuel Analytics puts you in control

Fuel operations generate thousands of data points every day — ATG readings, POS sales, deliveries, delivery documentation, alarms, flow rates, and site exceptions. When those signals sit in separate systems, teams spend too much time reconciling data manually while margin leakage, runout risk, and equipment issues go unresolved.

Titan Fuel Analytics brings these signals together into a single, actionable view so wetstock, operations, finance, maintenance, and supply teams can focus on the exceptions that matter most.

### Trusted by fuel retailers and mobility operators worldwide



### Protect margin, improve control, and strengthen forecourt performance

#### Reduce fuel variance and write-offs

- Align ATG, POS, and delivery documentation into one consistent view.
- Separate perceived variance from true loss so teams can focus investigations where the business impact is highest.

#### Identify root causes faster

- Diagnose variance linked to tank calibration, temperature effects, delivery discrepancies, theft, leaks, meter drift, or equipment issues.
- Prioritise exceptions with supporting evidence instead of manually reviewing disconnected data.

#### Protect pump and nozzle uptime

- Track low flow, very slow flow, no-flow, and recurring dispenser performance issues by site, pump, nozzle, and product.
- Identify slow lanes and nozzle-down events earlier to reduce customer friction and protect forecourt sales.

#### Improve delivery control

- Reconcile deliveries against tank movement, sales, and delivery documentation.
- Identify short deliveries, retained loads, runout risk, and carrier performance issues across the network.

Ready to improve fuel performance across your network?

Book a demo at [titancloud.com/fuel](https://titancloud.com/fuel) to get started.



## Key Features

### Wetstock variance management

Turn inventory variance into actionable insight.

- Compare book inventory, ATG readings, POS sales, and delivery records.
- Identify variance drivers across products, tanks, sites, regions, and countries.

### Tank gauge calibration analysis

Reduce measurement-driven variance.

- Detect tank gauge and strapping chart inaccuracies.
- Improve inventory accuracy, forecasting, alarm quality, and P&L visibility.

### Root-cause diagnostics

Know why variance is happening.

- Break down variance into temperature, tank calibration, delivery, sales, and anomaly categories.
- Flag likely causes such as theft, leaks, meter drift, short deliveries, or data quality issues.

### Advanced fuel loss detection

Catch loss patterns earlier.

- Use sudden loss, quiet time assessment, and short-term analysis to identify unusual tank behaviour.
- Detect events that may indicate leaks, unauthorised fuelling, equipment issues, or sensor problems.

### Data-driven alarms and exceptions

Reduce noise and focus on what needs action.

- Validate and prioritise exceptions beyond native ATG alarms.
- Reduce duplicates, false positives, and low-value investigations.

### Pump and nozzle flow analytics

Protect throughput and customer experience.

- Monitor flow rate by fuelling position, product, pump, and nozzle.
- Identify no-flow, very slow flow, and slow-flow trends before they affect sales and customer experience.

### Delivery reconciliation

Improve carrier accountability.

- Match deliveries against tank movement, sales, and delivery documentation.
- Surface delivery shorts, retained loads, excessive deliveries, and documentation mismatches.

### Forecasting and runout visibility

Prevent forecourt disruption.

- Monitor inventory levels, demand trends, and runout risk.
- Give operations and carriers better visibility for delivery planning.

### Reporting and operating model flexibility

Support central, regional, and local teams.

- Use dashboards and reports for variance, alarms, flow rates, deliveries, and network performance.
- Operate self-service or with Titan-supported analyst services.

## Fuel Analytics workflow



From raw fuel data to prioritised action, Titan Fuel Analytics helps teams move faster from detection to resolution.

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