

Fuel Management

Overview

The Fuel Management module provides structured visibility and control over fuel usage across fleet operations.

It transforms fuel transaction data into actionable data, enabling organisations to actively manage fuel as a controllable operational cost rather than a passive expense.

Key Objectives

Track and analyse fuel consumption across all vehicles and assets, providing a consistent and accurate view over time.

- Identify inefficiencies and anomalies by highlighting unusual patterns and inconsistencies in fuel usage.
- Support cost control and operational optimisation by enabling proactive management of fuel spend.
- Increase purchasing transparency through auditable oversight of fuel transactions, helping discourage misuse and strengthen accountability.

Core Functionality

- Integration with supported fuel providers (e.g. Z/Caltex where available), enabling automated ingestion of transaction data.
- Fuel transaction capture including location, time, litres, fuel type, and cost, providing detailed visibility of each refuelling event.
- Fuel burn reporting and analysis across assets, enabling benchmarking and comparison.
- Exception and anomaly detection to identify irregular usage patterns or potential misuse.

Outputs

- Fuel usage reports providing clear summaries across vehicles, assets, the total fleet, or defined sub fleets.
- Fuel burn analysis delivering comparative consumption data to support benchmarking and efficiency assessment.
- Exception reporting highlighting anomalies requiring investigation.

Decisions Enabled

- Identify inefficient vehicles or assets by comparing real-world performance across similar equipment.
- Detect anomalous fuel usage that may indicate operational issues or misuse.
- Influence procurement decisions using actual consumption data rather than assumptions.
- Correlate driver behaviour with fuel consumption to identify improvement opportunities.

Fuel Burn Report						
Asset Name	Groups	↑ Distance Travelled	Fuel Amount	Fuel Consumption (km)	Diesel Amount	Premium
112 - Ute-Toyota		8515.998	775.95	9.11	775.95	
107 - Ute-Mitsubishi		8072.969	755.61	9.36	755.61	
104 - Ute-Toyota		7832.950	821.83	10.49	821.83	
107 - Ute-Toyota		7804.635	671.38	8.6	671.38	

Benefits

- Operational: Provides accurate, timely visibility of fuel usage across the fleet.
- Financial: Enables reduction in fuel wastage and improved cost control.
- Behavioural: Creates a strong deterrent effect against misuse by making fuel activity visible and auditable.

In practice, organisations using structured fuel monitoring often uncover inefficiencies that were previously invisible, particularly when comparing similar vehicles performing the same tasks.

In short, fuel data shifts from a cost to be managed to a lever that can be actively optimised.