

Fuel consumption analysis and reporting

Automatically collects fuel consumption data from fleet vehicles, analyzes consumption patterns against benchmarks, and generates detailed reports with recommendations for fuel efficiency improvements.

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Get Your Blueprint

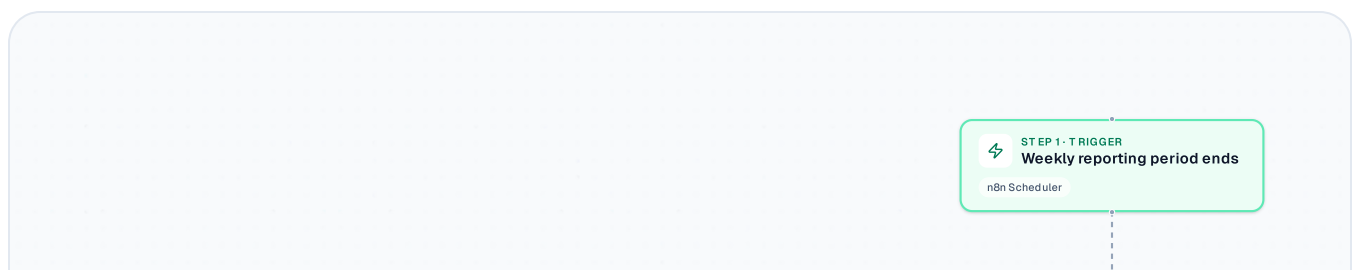


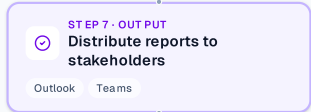
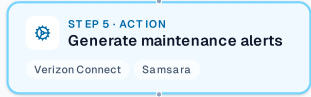
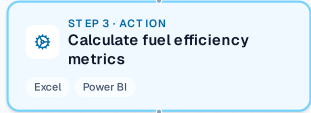
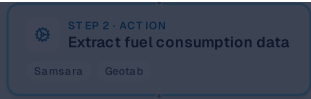
WORKFLOW TRIGGER

End of weekly reporting period (every Sunday at 11:59 PM)

Visual Flow

Each node represents an automated step. Connections show how data and decisions move through the workflow.





Step-by-Step Breakdown

Detailed explanation of each automated stage in the workflow.

1

⚡ TRIGGER

Weekly reporting period ends

Automated trigger fires at the end of each weekly reporting cycle. This initiates the fuel consumption analysis workflow for all active fleet vehicles.

2

 ACTION

Extract fuel consumption data

Retrieves fuel usage, mileage, and vehicle performance data from all fleet vehicles for the past week. Data includes fuel card transactions, odometer readings, and engine diagnostics.

Samsara

Geotab

3

 ACTION

Calculate fuel efficiency metrics

Processes raw data to calculate miles per gallon, fuel cost per mile, and consumption trends by vehicle type and driver. Normalizes data for route difficulty and load factors.

Excel

Power BI

4

 DECISION

Check for efficiency anomalies

Compares current week's fuel efficiency against historical averages and industry benchmarks. Flags vehicles with consumption increases over 15% or unusual patterns requiring investigation.

Fleet Complete

5

 ACTION

Generate maintenance alerts

AI Business OS

Creates automated maintenance recommendations for vehicles showing poor fuel efficiency. Schedules inspections for air filters, tire pressure, and engine tune-ups based on consumption data.

Verizon Connect

Samsara

6

 ACTION

Compile comprehensive fuel report

Assembles weekly fuel consumption report with efficiency rankings by vehicle and driver, cost analysis, and actionable recommendations. Includes trend charts and benchmark comparisons.

Power BI

Excel

7

 OUTPUT

Distribute reports to stakeholders

Automatically emails detailed fuel reports to fleet managers, finance team, and operations supervisors. Sends alert notifications for critical efficiency issues requiring immediate attention.

Outlook

Teams



Outputs

- Weekly fuel consumption report with efficiency metrics

- Maintenance alert notifications for underperforming vehicles

AI Business OS



Key Metrics

- Average fleet fuel efficiency (MPG)
- Fuel cost per mile by vehicle
- Number of efficiency anomalies detected



Tools & Integrations

- n8n Scheduler
- Samsara
- Geotab
- Excel
- Power BI
- Fleet Complete
- Verizon Connect
- Outlook
- Teams

AI Business OS

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