HAZTRACK

Used Cooking Oil & Renewable Diesel Feedstock

HazTracker wireless sensors provide near real-time fill level information across all of your customer's UCO, Food Waste, and By-Product Tanks.

Key Features

- Industrial-Grade Durability
- Operable in Extreme Conditions
  - -40°C to + 85°C
- 3-Minute Installation
- +/- 1% Accuracy
- 6+ Year Battery Life
- Wirelessly Transmits Data via LTE-M1
- Highly Chemical & Grease Resistant

Functionality

- Measures Tank Level
- Fill Level Alerts
- Streamlines Routing
- GPS Location
- Monitors Ambient Temperature
- NFC Enabled Installation app
- Backend Integration via API
- Operational Dashboard in Development

Improve Employee Scheduling ⌛

Streamline operations and reduce costs by only scheduling trips to restaurants or client sites that have full tanks.

Prevent Overfilled Tanks

Prevent frustrated customer calls due to tanks overflowing. Always ensure that you are properly scheduling your pickups when the tanks reach a certain fill threshold.

Decrease Fuel and Maintenance Costs

Limit unnecessary trips to restaurants and customer sites and prolong the life of your vehicle fleet. HazTrack allows you to easily check inventory levels without driving to your customer's stores or receiving frantic last minute calls, reducing fuel consumption and maintenance costs.

Detect & Prevent Theft

Detect when tanks have been emptied with HazTracker timestamps, while also detecting the opening/closing of the bin with our ultra-sensitive accelerometer.
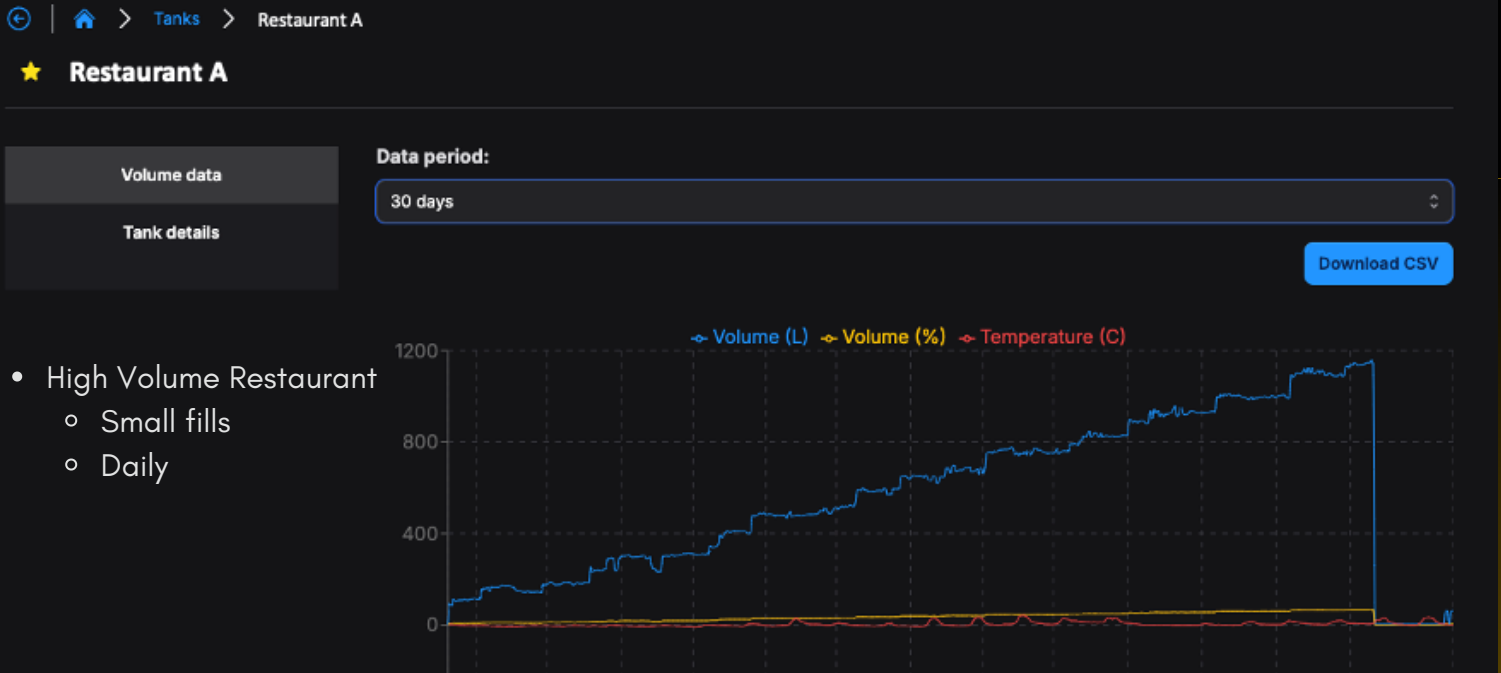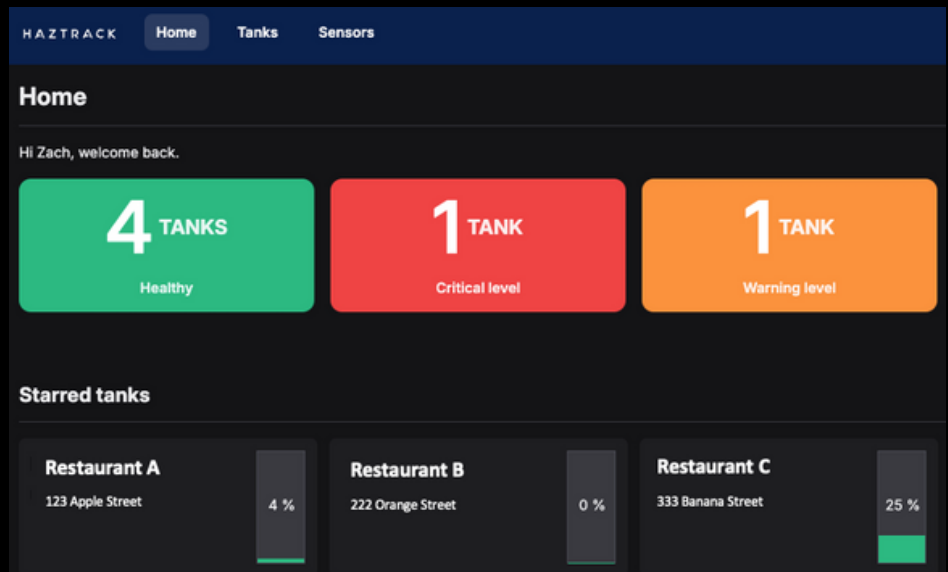
Simplify Billing and Accounting

Bill customers based on accurate volume measurements from each pick-up

Decrease Emissions & Improve Safety

By limiting employee drive time and on-site checks, HazTrack minimizes driving incidents and associated lost time. Reduce fuel consumption and improve your environmental impact.

HAZTRACK

- Tank Dashboard
  - See status of all tanks
- View level (L or G)
- View Level (%)
- View Temperature (C or F)
- Eliminate empty tank services
- Eliminate overflowing tanks

HAZTRACK | Home | Tanks | Sensors

Home

Hi Zach, welcome back.

4 TANKS — Healthy

1 TANK — Critical level

1 TANK — Warning level

Starred tanks

Restaurant A
123 Apple Street — 4 %

Restaurant B
222 Orange Street — 0 %

Restaurant C
333 Banana Street — 25 %

Restaurant D
789 Pear Street — 12 %

Restaurant E
567 Grape Street — 96 %

⊙ | ⌂ > Tanks > Restaurant B

⭐ **Restaurant B**

Volume data

Tank details

Data period:

30 days

Download CSV

- Food Manufacturer
  - Few fills
  - Large volume
  - Understand trends

Volume (L) Volume (%) Temperature (C)

1650

1100

550

0

⊙ | ⌂ > Tanks > Restaurant A

⭐ **Restaurant A**

Volume data

Tank details

Data period:

30 days

Download CSV

- High Volume Restaurant
  - Small fills
  - Daily

Volume (L) Volume (%) Temperature (C)

1200

800

400

0

Technical Specifications

Enclosure and Finish

- Colour: Dark Grey
- Case Material: Nylon Resin (Chemical Resistant)
- Lens Material: Microcrystalline Polyamide (Chemical Resistant)
- Mounting: Corrosion-resistant 316 Stainless Steel – Screws, Rivets, Magnetic

Environmental

- Certified Temperature: -20°C to -50°C
- Operational Temperature: -40°C to 85°C
- Relative Humidity: 5% to 98%

Size and Weight

- Height: 2.1 inches (53mm)
- Length: 5.0 inches (126mm)
- Width: 5.2 inches (132mm)
- Weight: 0.75 pounds (0.34 KGs)

Cellular and Wireless

- **Cellular:** LTE CAT-M1
- **NFC:** Range upto 5cm, Classification: Type 5

Location

- **GNSS Networks:** GPS, GLONASS, BeiDou, Galileo, QZSS
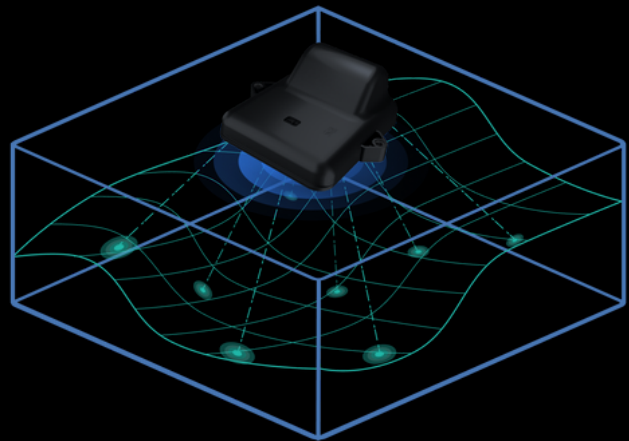- Cellular

Sensors

- GPS Location Tracking
- Optical Level Sensor
  - Up to 400cm distance measurement
    - (Option for 800cm)
  - Level Accuracy of +/- 1%
- Temperature Sensor
- Accelerometer

Power and Battery

- Life Expectancy: Up to 5 years
- mAh Capacity: 19,000 mAh
- Battery Chemistry: Primary Lithium

Requirements

- LTE-M1 Network

Safety & Certifications

Ingress Protection

- Hermetically-sealed design

Radio Frequency Certification

- FCC/ISED in progress