

# TRAILER TRACKING



Trailer 123456  
Agriculture

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Shift	<b>Allocated</b>
<b>9 AM - 7 PM</b>	<b>01:20:24</b>



# Introduction

In today's fiercely competitive transportation industry, seizing every advantage is crucial to your success. Trailer tracking technology offers a game-changing solution that revolutionizes fleet's efficiency, security, and profitability. Provide your clients with real-time visibility into trailers, seamless resource allocation, and proactive maintenance strategies. Data-driven insights will empower your clients to take charge of trailers like never before.

Step into a new era of operational excellence, elevate customer satisfaction, and propel your business to unparalleled heights. Don't miss out on the opportunity to transform fleet management. Discover the untapped potential of trailer tracking and revolutionize your journey to success.



# Trailer Management

- Trailer Allocation**

Strategically assign trailers based on availability, capacity, and operational requirements to optimize resource utilization. Minimize idle time, reduce empty miles, and ensure trailers are deployed effectively.

- Trailer Grouping**

Categorize trailers based on criteria such as trailer type, size, or region to improve operational efficiency. Monitor the status and performance of trailer groups to track utilization, maintenance schedules, and other specific metrics.

Trailer Allocation

Company:

Branch:

Object:

Trailer Allocation +

Trailer	Applied From	Applied To	
<input type="text" value="Trailer 1"/>	<input type="text" value="10-07-2023 12:00 AM"/>	<input type="text" value="11-07-2023 12:00 AM"/>	+ 🗑️
<input type="text" value="Trailer 2"/>	<input type="text" value="10-07-2023 12:00 AM"/>	<input type="text" value="10-07-2023 12:00 AM"/>	+ 🗑️
<input type="text" value="Trailer 3"/>	<input type="text" value="10-07-2023 12:00 AM"/>	<input type="text" value="10-07-2023 12:00 AM"/>	+ 🗑️
<input type="text" value="Trailer 4"/>	<input type="text" value="10-07-2023 12:00 AM"/>	<input type="text" value="10-07-2023 12:00 AM"/>	+ 🗑️

Trailer Group

Company ▲	Group Name	Description	Trailers
Telematics	Transportation	Lorem ipsum dolor sit amet, consectetur	12
Fleet Track	Fleet track group	Lorem ipsum dolor sit amet, consectetur	5
Smart Tracking	All trailers group	Lorem ipsum dolor sit amet, consectetur	7
OIT Track	Trailer Track	Lorem ipsum dolor sit amet, consectetur	6
STFleet		um dolor sit amet, consectetur elit.	2

+ •

Trailer Group Detail

Company \* :

Group Name \* :

Description :

Trailer \* :

# Realtime Trailer Tracking

- Acquire instant visibility into the exact location of trailers, whether they are situated locally or across multiple geographic regions.
- Effectively track trailers as they traverse planned routes.
- Facilitate easy monitoring of progress, estimation of arrival times, and proactive management of any potential delays or disruptions.
- Utilize advanced technologies like GPS, RFID, Beacon, or iButton to map trailer movements and integrate them into a centralized system. Visualize trailer locations on digital maps for easy monitoring and enhanced decision-making.

The screenshot displays a real-time trailer tracking application interface. The main view is a map showing the location of a trailer, labeled "Trailer ABCXYZ" and "Vehicle No 1190". The interface includes a sidebar with a list of trailers, a top navigation bar, and a right-hand panel showing detailed information for a selected trailer.

**Trailer List (Left Sidebar):**

Trailer	Code	Icon	Actions
Company 1 (3)			
Branch (3)			
Trailer 123456	ABC112233	🚛	📄 🗑️
Trailer 123456	ABC112233	📱	📄 🗑️
Company 2 (3)			
Branch (3)			
Trailer 123456	ABC112233	🚛	📄 🗑️
Company 3 (3)			

**Top Bar:** 4 Allocated, 4 Not Allocated, 48 Total

**Right Panel (GJ 15 AB 1234):**

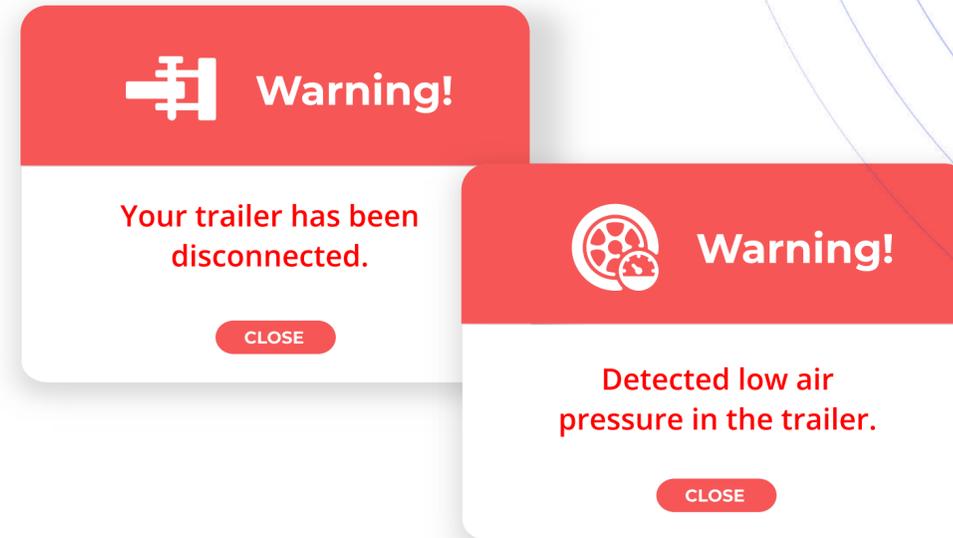
- Company: AHC Company
- Branch: Telematics
- Status: Running (17 mins)
- Current Trip: 648.01 km
- Work Hour: 12 hrs
- Driver: Driver Y
- Mobile: 9898989898

**Bottom Right Panel (Trailer 123456):**

- Code: ABC112233
- RFID Tag: 0123456789
- Beacon Tag: 0123456789
- Shift: 9 AM - 7 PM
- <Custom>: <Custom>

# Alerts and Reports

- **Trailer Disconnect Alerts:** Alerts are sent when a trailer becomes disconnected from the towing vehicle. This helps prevent accidents, locate lost trailers, and ensure proper coupling between the trailer and the towing vehicle.
- **Trailer air pressure alerts:** These alerts notify fleet managers or drivers when there is a significant drop in air pressure within the trailer's tires.
- **Trailer Activity Report:** It provides information on trips made, including start/end times, distance traveled, and route taken. The report also highlights stops, idle time, and exceptional events such as unauthorized use or trailer disconnects.



Trailer Activity								
Trailer	RFID Tag	Distance	Running	Idle	Stop	AVG	MAX	Over Speed
Trailer 1	22551111 32656954	2.8	00:06:21	00:03:14	218:32:48	0	19	0
Trailer 2	41541331 82656901	6.57	01:40:35	00:04:52	695:51:33	0	45	0
Trailer 3	33551412 32656100	44.98	00:43:28	00:08:01	34:30:17	0	94	25
Trailer 4	61541331 82656132	165.61	05:57:41	00:04:31	21:38:39	0	52	0
Trailer 5	76541631 82656988	5023.11	156:29:23	19:51:43	710:23:16	0	125	36

# Transforming **Construction Logistics** with Trailer Tracking Solutions

## Challenges

- Limited visibility and tracking of trailers and equipment
- Security risks and potential theft at construction sites
- Operational inefficiencies in trailer utilization and scheduling

## Solution

- Real-time tracking enabled construction company to monitor trailer location and movement.
- Geofencing and alerts provided enhanced security by triggering notifications for unauthorized access or movement.
- Improved equipment utilization through tracking
- Maintenance schedules and reminders ensured timely inspections, reducing unexpected breakdowns.

## Results

- Enhanced asset management with instant trailer location visibility and reduced downtime.
- Improved site security through proactive alerts for unauthorized access or theft attempts.
- Efficient resource allocation, minimizing waiting times and delays.



Constru\_Trailer  
HL Mixer-01PC

🕒 08:00 AM - 01:20 PM

📍 Stationary

📍 Street-2154, Near Hotel  
Palestine, California, USA

[Zoom](#)

[Replay](#)

[Message](#)



# Enhancing **Agricultural Logistics** with Trailer Tracking and Optimization

## Challenges

- Ensuring timely delivery and efficient logistics management.
- Limited visibility and inefficient allocation of trailers
- Coordinating the transportation of crops, livestock, and equipment.

## Solution

- Real-time tracking enables monitoring of trailer locations and streamlines logistics operations.
- Optimized asset management and utilization.
- Optimized allocation of trailers based on availability, capacity, and operational requirements

## Results

- Improved operational efficiency and reduced transit times
- Enhanced asset management through optimized trailer allocation.
- Increased security and protection of agricultural assets, mitigating the risk of unauthorized use.

Trailer-06II *In use* 2h 12m

 Bristol BF13 7GH, USA

 56 km/h



# Trailer Tracking for Optimal Efficiency and Resource Optimization in Waste Management

## Challenges

- Managing a diverse fleet of waste collection trailers.
- Optimizing trailer availability and utilization to minimize idle time
- Accurate and reliable trailer tracking to maintain precise fleet visibility

## Solution

- Efficient resource allocation for optimal trailer utilization.
- Ensure accurate trailer location data and streamlined logistics management.
- Real-time tracking and monitoring enable precise fleet visibility

## Results

- Improved operational efficiency and productivity.
- Cost savings through optimized resource allocation.
- Sustainability through reduced fuel consumption and greener waste management.

**Waste Trailer**  
Allocated

Disconnected  
Last Trip **01:15:12**

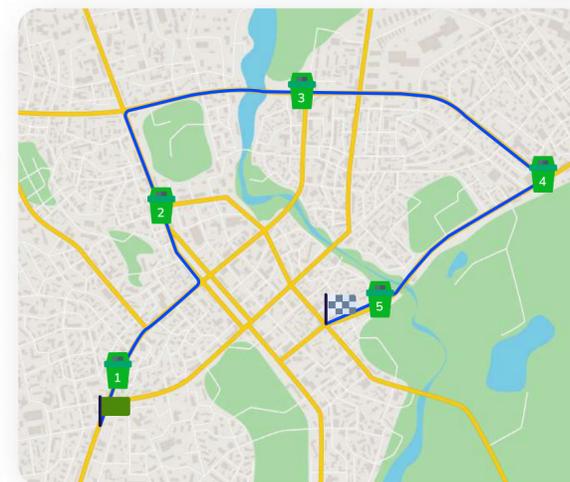
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 10:00 AM - 01:20 PM

 37 km

 3313 N Hillside St, Wichita, KS 67219, United States

[Track](#)



Our software is designed to be **flexible, scalable, and customizable**.  
We understand that every business is unique, and we work closely with our customers to ensure that our solutions are tailored to meet their specific needs.

Thank you!



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