Motive

Asset Gateway

Be sure that the right asset is in the right place at the right time.

Motive's Asset Gateway provides real-time visibility into the location of your trailers and equipment. Monitor your trailers and equipment, even in harsh environments. Receive precise location data sent directly to any device. With geofences, dispatchers and customers can receive custom location-based notifications when a trailer or piece of equipment is on its way, or when it makes an unscheduled departure.

Dispatch with confidence knowing that your assets are exactly where they're supposed to be. No more time wasted on yard hunts. No more tracking down drivers for equipment location updates. Fewer misplaced shipments mean fewer hours contacting customers.

Key benefits

All-in-one

The Asset Gateway is part of Motive's integrated solution to manage your vehicles, assets, drivers, and equipment.

Drive productivity

Trace past performances, track present orders, and predict future operational needs with precise location data delivered to your dashboard.
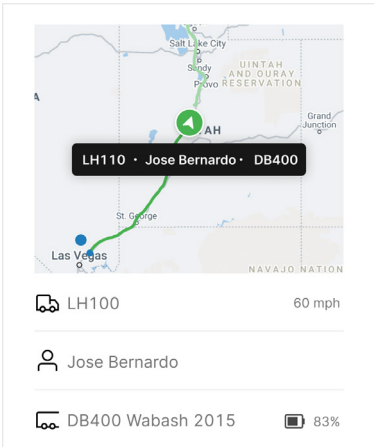
Protect equipment

Geofence alerts and accurate GPS locations deter theft and keep your assets in motion to reduce idle time waste.
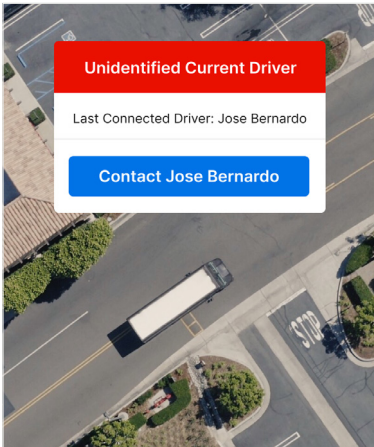
Key features

Create groups

View drivers, vehicles, and trailers in one map view or generate reports with linked insights.

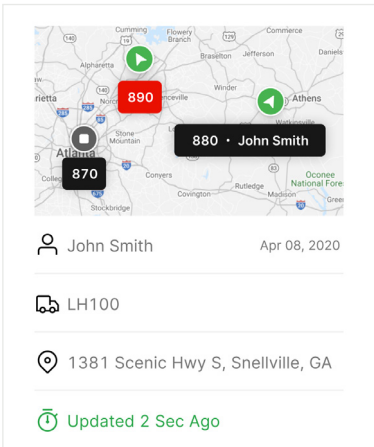|	
🚚 LH100	60 mph
👤 Jose Bernardo	
🚛 DB400 Wabash 2015	🔋 83%

Automatic vehicle asset pairing

Motive's Asset Gateways and Vehicle Gateways automatically pair providing you full visibility into which driver/vehicle is hauling a particular asset in real-time.

Unidentified Current Driver

Last Connected Driver: Jose Bernardo

Contact Jose Bernardo

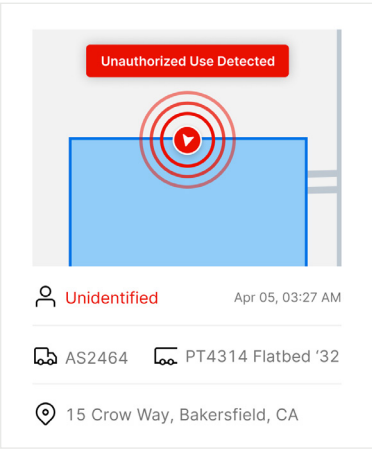## See current location

Use the map view for current location and historical movement of your vehicles and drivers.

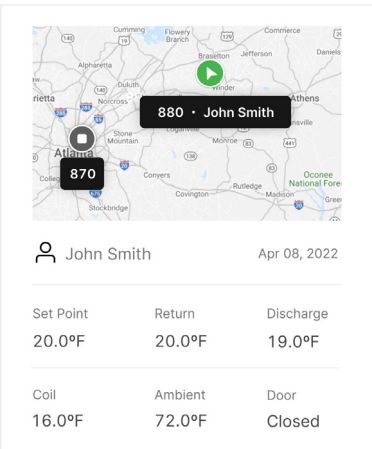|	
👤 John Smith	Apr 08, 2020
🚚 LH100	
📍 1381 Scenic Hwy S, Snellville, GA	
⏱ Updated 2 Sec Ago	

Receive alerts

Set up alerts for geofences, dormancy, low battery, and offline devices.

Unauthorized Use Detected

👤 Unidentified   Apr 05, 03:27 AM
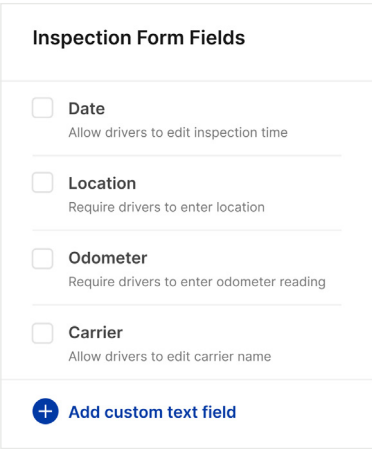
🚚 AS2464   🚛 PT4314 Flatbed '32

📍 15 Crow Way, Bakersfield, CA

Reefer monitor and controls

Remote control and monitor temperature, modes, fuel use, fault codes, and reefer telematics.

880 · John Smith

870

👤 John Smith   Apr 08, 2022

Set Point	Return	Discharge
20.0ºF	20.0ºF	19.0ºF

Coil	Ambient	Door
16.0ºF	72.0ºF	Closed

Automate inspection reports

Create custom inspection reports for your assets and trailers.

Inspection Form Fields

☐ **Date**
Allow drivers to edit inspection time

☐ **Location**
Require drivers to enter location

☐ **Odometer**
Require drivers to enter odometer reading

☐ **Carrier**
Allow drivers to edit carrier name

⊕ **Add custom text field**

Track mileage

Track mileage for usage-based maintenance for your trailers.

Asset Utilization Report
April 12 – April 29

R400	**94% Utilization**

Driving Time: 118 hr 12 min 2 sec
Idle Time: 2 hr 12 min 2 sec

DB200	**82% Utilization**

Driving Time: 80 hr 45 min 3 sec
Idle Time: 3 hr 4 min 34 sec

Unpowered mode

Extend the battery life of unpowered Asset Gateway by configuring GPS ping rate per day.

Unpowered Mode

Current Battery: **73%**

Location update frequency:

● Every 18 hours
Longer battery life (up to 9 months)

○ Every 12 hours
Shorter battery life (up to 6 months)

Battery life

Feature	Moving	Stationary
Battery life with solar charging	Indefinite	Indefinite
Battery life when unplugged	2+ months (assumes 8hr/day driving 5 days per week)	10+ months (assumes 2 GPS pings per day)

855-434-3564   sales@gomotive.com

Dynamic data performance

Battery charge	Solar powered		Cabled powered
	Moving	Stationary	Moving/stationary
More than 50%	1 min capture 5 min report	12 hrs capture 12 hrs report	1 min capture 1 min report
10 to 50%	5 min capture 15 min report	12 hrs capture 12 hrs report	1 min capture 1 min report
Less than 10%	4 hrs capture 4 hrs report	12 hrs capture 12 hrs report	1 min capture 1 min report

Hardware

Unit lifetime
5-year warranty

Memory
Up to 6 weeks of log data

Dimensions
- Either Solar Powered or Cable Powered
- Cable Powered: connects to 7-way trailer connector (vehicle power)
- 9V–32V input using Cable 4020 (cable available on request)

Weight
13.3 oz (378 g)

Dimensions with solar mount
12.55 × 2.39 × 2.68 in
(318.8 × 60.8 × 68 mm)

Weight with solar mount
15.4 oz (437 g)

Sensors and data streams
- Motion sensor
- Battery level
- Speed
- Altitude
- Location
- Heading

Communications

Cellular
4G (CAT-M1) US, Canada, Mexico ready

Security
Secure data communication with server, secure firmware update

Environmental

Battery charge
14°F–114.8°F (-10°C–46°C)

Operation with external power
-4°F–185°F (-20°C–85°C)

Storage temperature
-40°F–185°F (-40°C–85°C)

Environmental rating
IP67

Product safety
UL tested and listed

Environmental tests

- Drop tested from 1 meter onto cement
- Vibration tested to SAE-J1455 specification
- Operating bump testing to ISO 16750-3
- Salt resistance tested to IEC 60068-2-52
- Solar radiation tested to IEC 60068-2-5
- Hail impact tested to IEC 61216 and IEC 61646

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