

Asset Gateway Mini

Get unparalleled visibility into the location, utilization, and health of your equipment.

The Asset Gateway Mini 31.2 helps you monitor high volume inventories, with a small form factor and 5 year battery life. Get both cable- and battery-powered options in a single device, with real-time telematics and location tracking even in low-GPS environments for all types of equipment.

The Motive Difference



Advanced Location Services:

Triple defenses against low-GPS environments.



Productive vs Nonproductive Idling:

Monitor motor usage to power up to two devices.



Long-Life Battery:

Designed to last 5 years with minimal degradation from on-demand pings.



Automated Pairing:

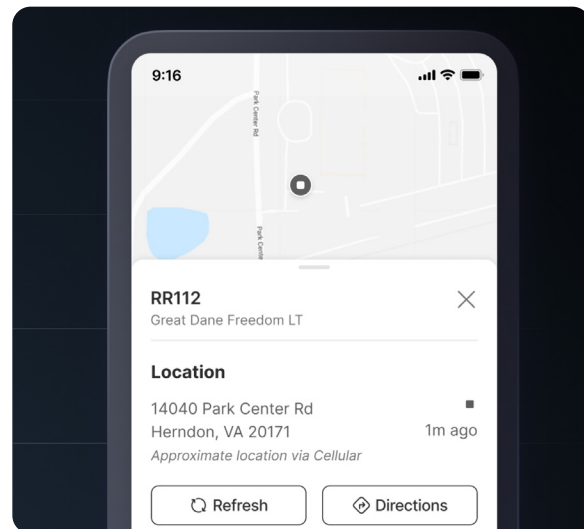
Proximity matching of vehicle-asset-driver for ease of tracking.

Key benefits

Get unparalleled visibility into live and historic locations.

Real-time GPS tracking eliminates time spent on manual check-ins.

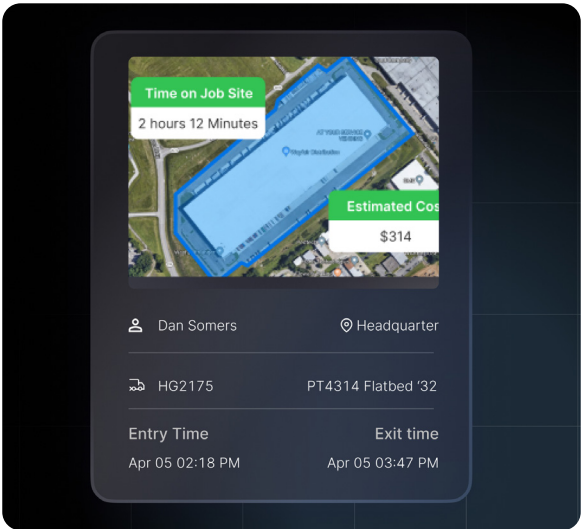
- Triple defenses against GPS obstructions using cell tower data and triangulation and Bluetooth signals.
- Confirm trailers are going to the right place with automated vehicle-asset-driver pairing.
- On-demand pings in battery mode to find equipment beyond pre-configured check-ins.



Put location data to work to protect your assets and better serve customers.

Use geofences and shareable live locations for timely responses.

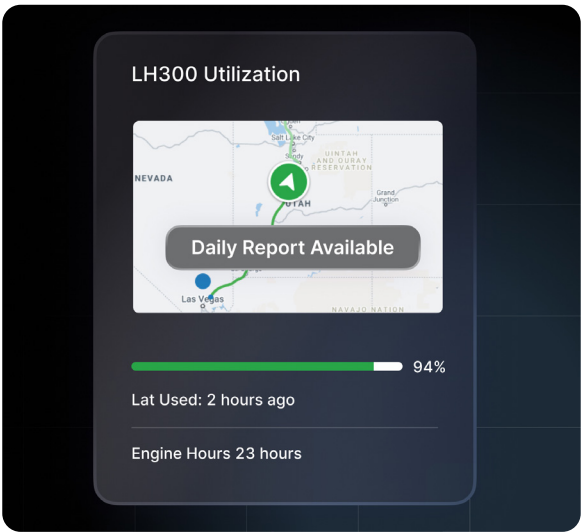
- Prevent theft and loss with alerts when assets move unexpectedly.
- Get notified when assets arrive on site so work can start and deliveries completed.
- Give customers real-time information they can follow on asset location.



Increase utilization, maximize uptime, and reduce waste.

Get telematics insights for improved decision-making.

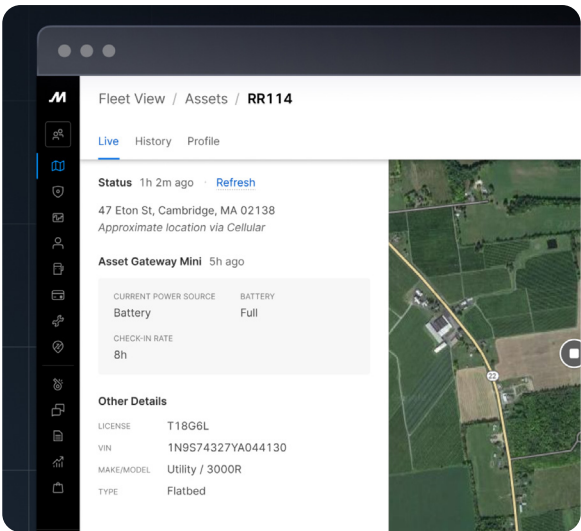
- Improve usage and bill accurately by tracking engine hours, dormancy, and time-on-site.
- Avoid costly repairs and downtime by scheduling maintenance and getting fault code alerts.
- Reduce fuel waste by identifying nonproductive vs productive idling.



Select from hybrid design devices to meet your operational needs.

Use class-leading 5-year battery or cabled power.

- Battery-powered: Get on-demand, configurable, motion-triggered, and default 12-hour pings without draining the battery.
- Cable-powered: Get continuous GPS-updates, engine hours, idling data, utilization and time-on-site insights.
- Designed to withstand harsh operating conditions.



Specifications

Power sources

- Battery and cable power are available on the same device
- Optional cable can be installed anytime
- When external power is interrupted, the device seamlessly falls back to battery

Cable-powered mode

- **Cable connection**
 - Cable connected to external power source
 - 9V-32V input using CBL-3WR-AG31.2
- **Location check-in rate**
 - 1 minute capture / 1 minute report
- **Memory**
 - 1 month of log data (one check-in every minute)
- **Telematics**
 - Vehicle/driver/asset pairing with trip history
 - Utilization and time on-site
 - Detection of productive vs unproductive idling

Battery-powered mode

- **Battery specifications**
 - Replacement lithium iron disulfide battery
 - Nominal voltage: 6.0 VDC
 - Rated capacity: 3500 mAh
 - 5 year expected life on default settings in typical environment
 - 2 scheduled GPS pings a day, plus occasional on-demand pings
 - **Key differentiator:** Enabling “Locate My Asset” capability does not materially degrade battery
- **Location check-in rate**
 - Check-in rate: Default is 12 hour capture / 12 hour report with option to modify to 1, 4, or 6 times per day
 - Optional configurations to increase check-in rate
 - On-demand pings available. Occasional use does not significantly degrade battery impact
- **Memory**
 - 50 years of log data (at two check-ins per day)

Advanced Location Services

- GPS with Assisted GPS, for more reliable GPS and quicker on-demand pings
- Cell Tower Location used as auto-fallback if GPS is blocked (e.g. indoors)
- Bluetooth Mesh is available for frequent pings on battery, even without cell service

Unit lifetime

5-year warranty

| | |
|---------------------------------|---|
| Dimensions | 5.83 × 3.27 × 1.28 in (148 × 83 × 32.5mm) |
| Weight | 10 oz (284.2 g) |
| Sensors and data streams | <ul style="list-style-type: none"> • Motion Sensor • Battery Level • Speed (< 1,900 kph) • Altitude (< 18,000 m) • Location • Heading • Temperature |
| Cellular | 4G CAT-M1 US, Canada, Mexico Ready |
| GPS | GPS support only |
| Security | Secure data communication with server, secure firmware update |
| Operating temperature | -40°F–140°F (-40°C–60°C) |
| Storage temperature | -40°F–140°F (-40°C–60°C) |
| Environmental rating | IP67 - Waterproof up to 1m submersion IP69K - Highest grade resistance to high pressure, high temperature spraydown |
| Environmental testing | Tests include: <ul style="list-style-type: none"> • High temperature/humidity (IEC 60068 2-38) • Thermal shock (IEC 60068 2-14) • Dry heat operating life (IEC 60068 2-2) • Cold operating life (IEC 60068 2-1) • Salt spray (IEC 60068 2-11) • Solar (outdoor) weathering (IEC68-2-5) • Heated vibration - commercial vehicle (ISO 16750-3) |

- Operation bumping
(IEC 60068-2-27)
- Free drop test
(MIL-STD-810G Method 516.6)
- Gravel bombardment
(SAE J400)

Certifications

- FCC & ISED Certified
- PTCRB™ Certified
- Certified for the AT&T Network

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