

**motive**



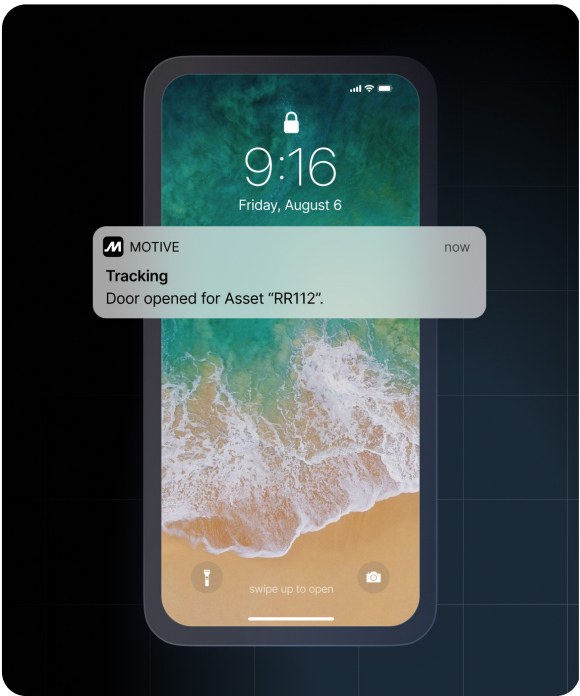
# Door & Environmental Sensor

Reduce spoilage-related losses with temperature, humidity and door alerts.

Key benefits

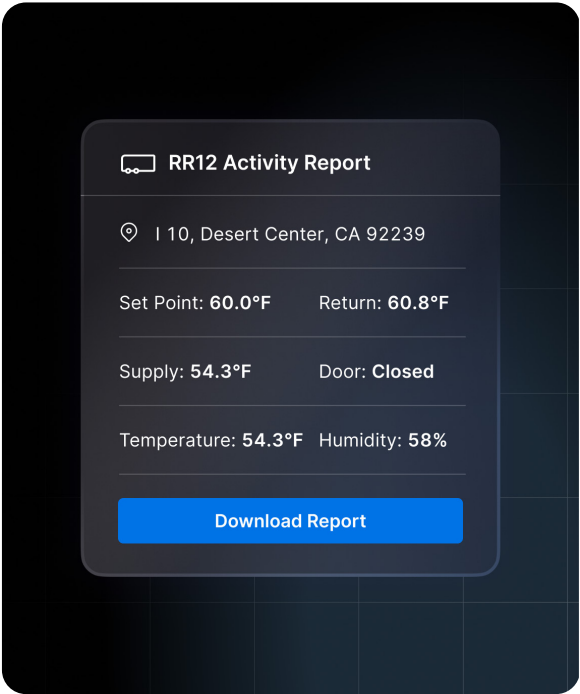
Prevent loss and damage

- Get alerts on swing and rollup door activity
- Explore root cause of issues related to climate control



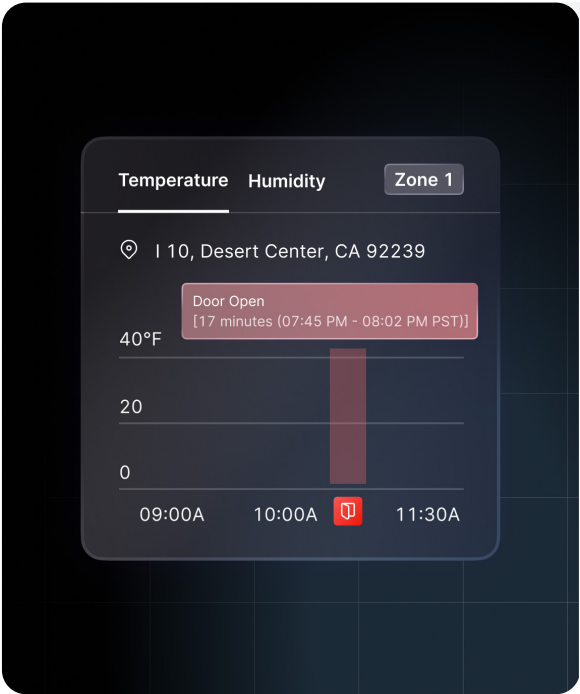
Demonstrate Cold Chain Compliance

- Track temperature and humidity
- Get detailed history of door openings and closings, overlaid with climate data
- Issue granular reports on operating conditions for food, beverage, and pharmaceutical safety
- Use independently or alongside Motive’s Carrier and Thermo King reefer integrations



**Enhance proof of delivery and resolve disputes**

- Capture loading and unloading events along with geofence and trip history
- Provide door event history to support dispute resolution

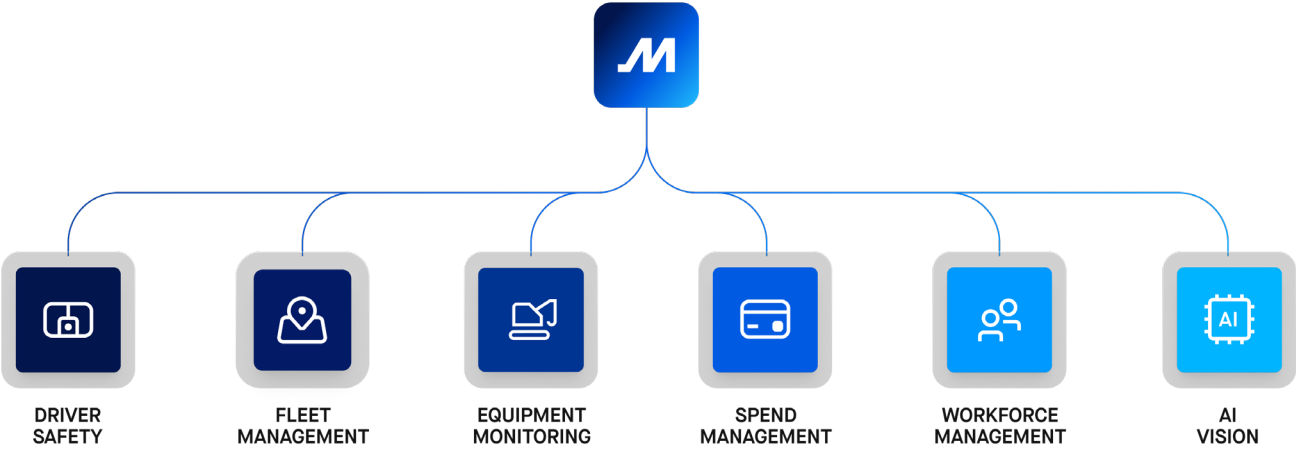


## Specifications

### Door & Environmental Sensor

<b>Sensors</b>	Temperature, humidity, and door openings and closings (swing doors and roll-up doors)	
<b>Weight</b>	Device: 52.7g (without bracket), 81.6g (with bracket) Magnet: 42.2 g Total: 94.9g, 123.8g (with bracket)	
<b>Size &amp; Dimensions</b>	Device: 55.4 × 53.8 × 21mm (24.1mm with mount bracket) Magnet: 54 × 18 × 15.6mm	
<b>Tamper proof</b>	Yes	
<b>Connectivity</b>	Bluetooth 5.2	
<b>Battery capacity</b>	1.0AH (Approximately 4 years under normal conditions), 3.0VDC	
<b>Data Security</b>	Utilizes BLE 5.2 with AES-CCM encryption and ECDH key exchange for secure data transfer. Implements RPA for enhanced privacy and MIC for data integrity. Supports OTA updates for ongoing security enhancements. Requires authenticated SMP commands for Bluetooth management.	
<b>Operating temperature</b>	-40°C to +85°C	
<b>Mounting</b>	<ul style="list-style-type: none"><li>• Plate</li><li>• Magnet</li><li>• Adhesive</li><li>• Screws</li></ul>	
<b>Requirements</b>	Requires Motive Asset Gateway Mini (power) on an active subscription.	

Motive is the AI-powered Integrated  
Operations Platform for the physical economy.



About Motive

Motive empowers the people who run physical operations with tools to make their work safer, more productive, and more profitable. For the first time, safety, operations, and finance teams can manage their workers, vehicles, equipment, and fleet-related spend in a single system. Motive serves more than 120,000 customers from small businesses to Fortune 500 enterprises such as Halliburton, KONE, Komatsu, NBC Universal, and Maersk across a wide range of industries including transportation and logistics, construction, energy, field service, manufacturing, agriculture, food and beverage, retail, waste services, and the public sector. Visit [gomotive.com](https://gomotive.com) to learn more.