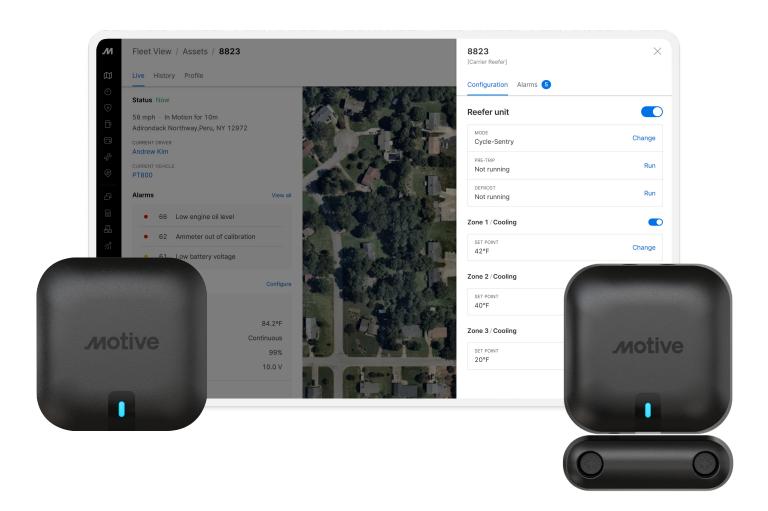
# мotive



# Reefer Monitoring

The strongest link in your cold chain.

#### Advanced reefer monitoring

The Motive Reefer Monitoring solution provides visibility and control over temperature-sensitive goods. By combining climate and doorsensing hardware with Thermo King and Carrier reefer API integrations, the platform simplifies compliance and prevents spoilage.

#### How it works

#### Monitor

- Use Motive's Asset Gateway Mini with Environmental Sensors and Door and Environmental Sensors to track and report on the temperature, humidity and door status of your temperature-sensitive cargo.
- Layer on Carrier and ThermoKing API integrations for detailed reefer alerts and control modes and new set points – no additional hardware required.
- Monitor your reefers and other fleet assets from a single, centralized dashboard.

#### Control

- With Carrier and Thermo King integrations, adjust conditions to prevent loss due to spoilage and avoid being out of compliance.
- Control set point of each reefer zone, change the reefer unit's mode (e.g. start-stop, continuous), and run pre-trip and defrost functions.

#### **Protect**

- Receive customizable alerts for temperature deviations from set points and open doors.
- Access detailed reports on reefer location, temperature, and humidity to streamline compliance.
- Reduce temperature fluctuations caused by unplanned door openings.

Marc Cain Transportation Manager Mayer Bros Apple Products "I ran a couple of temperature reports for some ice cream loads from the day of loading to the day of the delivery.

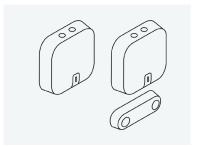
At the time, it was 90° degrees outside – so running the ice cream at -20° we could set the report for every 15 mins to ensure there were no issues with the load."

## Create the solution that's right for your business

#### **Environmental Sensors**

## Motive sensors provide total visibility

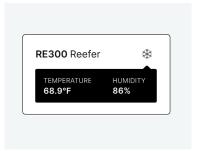
- Deploy Motive sensors for dedicated high-resolution temperature, humidity and door status monitoring.
- Our Environmental Sensor offers continuous temperature and humidity readings at oneminute intervals with extreme accuracy.
- The Door and Environmental Sensor adds the ability to monitor door openings for both swing and roll-up doors.
- Pair up to six Environmental Sensors (ES-2) and Door and Environmental Sensors (DES-2) to the Asset Gateway Mini to create a complete monitoring solution.
- Sensors can be assigned to multiple zones and locations, which helps eliminate blind spots within your reefer.



#### **OEM Integrations**

## OEM integrations provide additional coverage and control

- Reefer integrations from Carrier and Thermo King let you monitor and control your reefer units in the Motive dashboard
- Access additional context into fault alarms and change modes, set points and run defrost cycles by sending commands remotely.

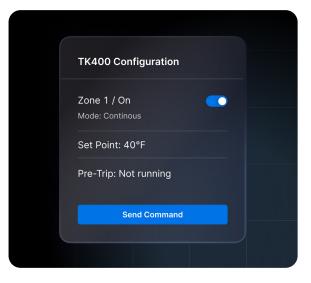


#### Reduce manual workflows and errors

Remotely monitor and control your reefer units from a centralized place.

#### The Motive Difference

- Eliminate errors and save drivers' time by remote controlling reefer units.
- Turn on/off reefers and multi-temp zones.
- · Change set point temperatures and modes.
- · Start pre-trips and clear alarms.

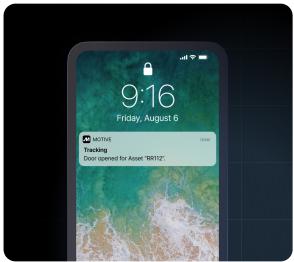


#### Prevent cargo loss and damage

Prevent spoilage and cut losses.

#### The Motive Difference

- Get alerts on temperature deviations and door activity
- Take action remotely to prevent on-site interventions
- · Simplify proof of delivery and resolve disputes.



#### Simplify compliance and audits

After installation and with an active subscription, you can monitor and access your reefer trailers' historical logs. This provides proof of compliance and helps you confidently uncover root causes.

#### The Motive Difference

- Historical logs are at your fingertips to analyze, export, or store for your records.
- Allow drivers to directly share logs at the point of delivery.
- Improve file management with a digital record of your recorded temperature logs.
- Temperature sensor within +-0.5°C (1°F) confidence range.

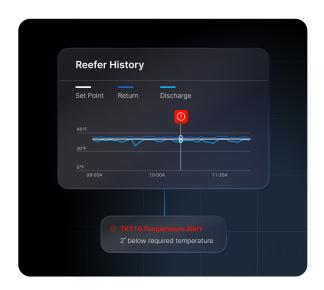


#### Reduce reefer costs

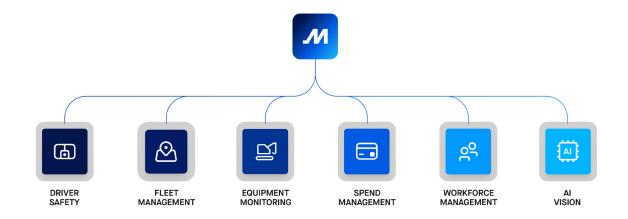
Grow bottom-line revenue by reducing excess fuel, cargo spoilage, and repair costs.

#### The Motive Difference

- Reduce extra software costs and integrate your reefer data.
- Environmental data is reported to the Motive Fleet Dashboard alongside driver and vehicle insights.
- Receive alerts when the temperature falls below the specified setting.



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



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#### **About Motive**

Motive builds technology to improve the safety, productivity, and profitability of businesses that power the physical economy. The Motive Automated Operations Platform combines IoT hardware with Al-powered applications to automate vehicle and equipment tracking, driver safety, compliance, maintenance, spend management, and more. Motive serves more than 120,000 businesses, across a wide range of industries including trucking and logistics, construction, oil and gas, food and beverages, field services, agriculture, passenger transit, and delivery. Visit gomotive.com to learn more.