

# OUR PRODUCTS



## A factory-installed system:

The Frigomatics system includes:

- A DG200 terminal that provides GPS location-finding, while also collecting and analyzing data from the semi-trailer's sensors and systems. With a four-band modem, the DG200 transmits this data in real time to Novacom's secure server platform. The DG200 is specially designed to fit into and withstand the operating conditions of a Lamberet semi-trailer. It works within a temperature range of -40°C to +85°C and has lithium batteries that can keep running for two months when the trailer's power is not on.
  - A CAN interface connected to the semi-trailer's EBS, reporting data from the chassis' onboard computer like mileage, axle load, brake wear, etc.
  - A connection interface made for CARRIER or THERMOKING refrigeration units is used to display error codes, run time, temperatures, etc.
- Multiple dedicated sensors, depending on the desired date:

- > Thermometers
- > Tire pressure sensors
- > Door-opening sensors, etc...

FrigoMATICS OFFER	STANDARD				OPTIONS
	GPS km, location, not moving	EBS km, load, speed, number of times braked...	DOOR CONTACTOR shut / open	TEMPERATURE setpoint, blast, recovery	TPMS
Carrier Vector including Carrier Clickcard	•	•	•	•	•
Carrier Vector connect to DC500	•	•	•	•	•
Thermoking reefer integration including TK I-box	•	•	•	•	•



## The best of Frigomatics: One interface for your entire fleet throughout Europe!

The Frigomatics system uses wireless technology that works regardless of the brand or age of your semi-trailers. We can retrofit the system, giving you the same benefits and services as your new vehicles. What's more, our European network covers 35 countries and visits your sites directly. Frigomatics imports the data from your old contracts into your management interface, no matter what telematics provider they were with. This harmonizes and modernizes the management of your fleet affordably, with no setbacks.

**FrigoMATICS**  
Telematics dedicated to refrigerated logistics

[www.lamberet.com](http://www.lamberet.com)

LAMBERET SAS  
129 route de Vonnas BP 43 - 01380 St-Cyr/Menthon - France  
Phone: +33 - (0)3 85 30 85 30  
E-mail: [communication@lamberet.fr](mailto:communication@lamberet.fr)



# Frigomatics, telematics dedicated to refrigerated logistics

Lamberet, the specialist in refrigerated vehicle, offers an all-in-one solution combining a semi-trailer, cooling unit, and integrated telematics.

Our Frigomatics solution, developed with Novacom, the European leader in on-board telematics, offers you many advantages, like geolocation and delivery route optimization, lower operating costs, real-time tracking of your vehicles' statuses, improved dispatching quality and reliability, and a safer fleet.

## + THE BEST OF FRIGOMATICS

**Frigomatics is the turnkey solution that makes refrigerated transport safer and more efficient.**

Lamberet integrates the Frigomatics solution into the very design of your vehicle. The accessories therefore have "factory original" reliability perfectly suited to your refrigerating semi-trailer.



The Frigomatics solution for refrigerated transportation includes the following features:



**1 Guarantee the cold chain**

- Guarantee goods quality by tracking each compartment in real time.
- Control the setpoint, blast, and recovery temperatures.
- Take action faster, thanks to alert notifications.

**2 Manage and optimize your operations**

- Optimize the use of your entire fleet
- Avoid unused equipment
- Avoid empty mileage: empty/loaded mileage ratio
- Reduce fuel consumption
- Calculate punctuality rates at your customers

**3 More efficient vehicle management and maintenance**

- Minimize breakdowns with preventive maintenance scheduling
- EBS diagnostics: brake condition, overload, etc.
- Monitor tire pressure
- Detect whether a door is open while driving
- Track kilometers travelled, axle load, coupling and uncoupling in real time
- Locate the closest service center

**4 High surveillance to ensure safety of goods**

- Minimize thefts of freight and vehicles using locking sensors and an unlock code system.
- Improve driver safety
- Detect when a door is open outside of safe areas

# Security TOOLS

Geolocation and interface management:

Frigomatics gives you a secure management interface accessible 24/7 over the web, using whatever device you prefer, such as a PC, tablet, or smartphone...

Your Frigomatics account gives you more than just real-time data; it also includes data logs for your vehicles for a contractually set period of time. This makes it easier to manage your fleet: No more storing printouts of data, or collecting reports directly from the vehicles.

From a managerial perspective, you can retrace the paths taken by your vehicles and optimize your rounds, and calculate an active/inactive ratio or on-time delivery rate. You can even give your clients secure access to data about their deliveries.

This gives them valuable real-time information for their business (loading hours, temperature control, etc.), a real benefit to all.



**Frigomatics integrates a configurable smart alert management system.**

Get alerts in the form of real-time text messages or e-mails programmed in advance.

**Cargo monitoring:** Temperature difference in relation to the setpoint, failure to turn on the refrigeration unit, driving with the door open, etc.

**Your deliveries arriving just in time:** When a vehicle reaches a zone, stops or resumes driving, coupling time, etc.

**Safety for drivers and equipment:** Doors openings outside authorized areas, unauthorized motion detection even when not powered on, speed alerts, etc.