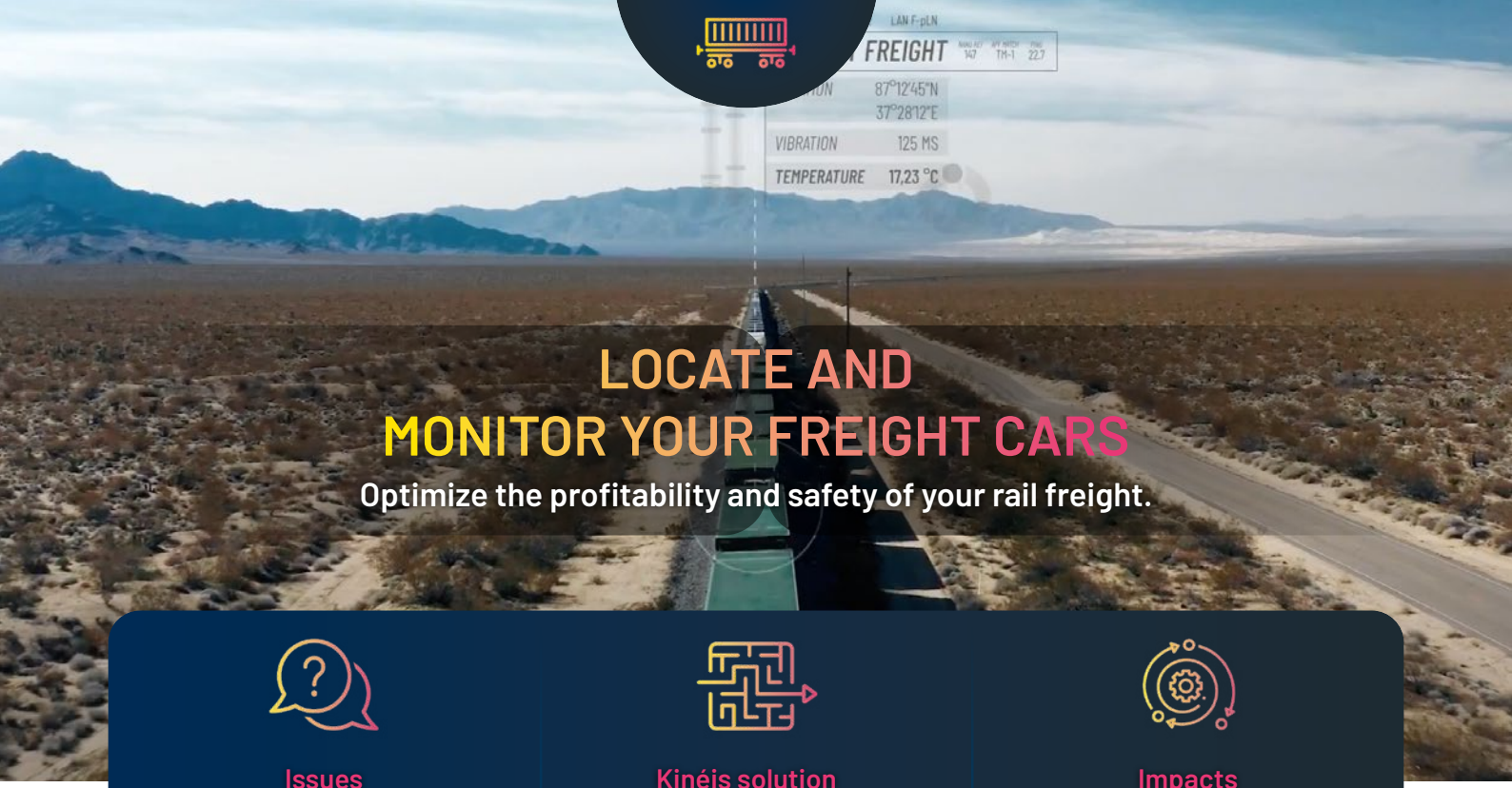

LOCATE AND MONITOR YOUR FREIGHT CARS

Optimize the profitability and safety of your rail freight.

Issues

Areas without connectivity hinder freight cars monitoring, leading to financial losses, delays, and low customer satisfaction.

Kinéis solution

Kinéis satellite connectivity enables rapid tracking and monitoring of wagons anywhere on Earth with precise data.

Impacts

- Reduction of losses and delays.
- Lower maintenance costs.
- Reliable deliveries.
- Sustainable logistics.

Why choose Kinéis?

Global satellite coverage.

Data available quickly.

Cutting-edge technology 100% European.

Problematic

Freight cars tracking is a major challenge in rail freight. Areas without connectivity hinder full traceability, cause delivery delays, and increase the risk of loss.
Trains, typically operated for an average of 30 to 50 years, incur maintenance costs accounting for nearly 50% of rail operators' total budgets[1]. With millions of freight cars in service worldwide, the rail sector must overcome several challenges:

- **Guarantee reliable deliveries:** Delays and losses impact customer satisfaction and competitiveness.
- **Reduce maintenance costs:** Poor traceability leads to late and costly interventions.
- **Improve logistics:** Address climate challenges while maintaining an optimal level of performance.

Current terrestrial solutions do not cover remote areas, where connectivity is often non-existent and where thefts and anomalies are frequently detected too late.

1. McKinsey & Company study – 2017

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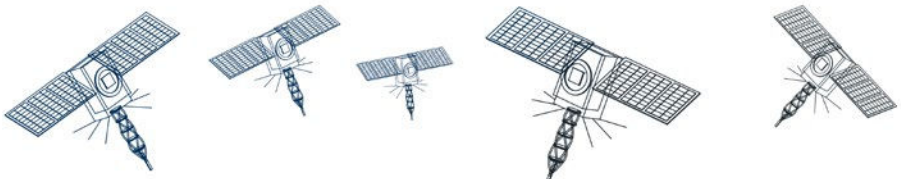
Kinéis solution

Connected devices are a key component in the digitalization of rail transport, providing a robust solution to traceability and security challenges. Directly integrated into wagons, **smart sensors monitor critical parameters in real-time**, such as rising cargo temperatures, unusual impacts or vibrations, speeding, or accidental activation of the handbrake.

In the event of an incident, **instant alerts** enable rapid and appropriate interventions. This system not only enhances transport safety and reliability but also improves operational efficiency.

With Kinéis satellite connectivity powered by 25 nanosatellites, **freight cars are tracked continuously**, even in areas without terrestrial coverage. This global connectivity ensures constant monitoring, offering full visibility of your rail operations.



EUROPORTE kerlink

Partner product

Europorte and Kerlink are transforming freight with **Track Value**, a pioneering solution leveraging Kinéis' space IoT connectivity. It provides precise and rapid tracking of operations through geolocation and sensors that measure temperature, vibrations, and other parameters. Data transmitted via the Kinéis satellite network ensures continuous and reliable coverage anywhere on Earth.

Impacts

Railway companies
Reduce your maintenance costs by 30%[2].
Optimize the use of your freight cars.

Customers
Ensure on-time and secure deliveries.
Reduce the loss of goods.

Environment
Lower your carbon footprint with more sustainable and proactive logistics.

2. McKinsey & Company study – 2021

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