



WHERE IoT POWERS ASSET INTELLIGENCE™

## How KLOG Transport Solutions Delivered Cargo Visibility Across Europe

Powered by ORBCOMM® Satellite  
IoT Technology

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## ORBCOMM by the numbers

**#1**

In smart container  
monitoring

**1.7+**

Million containers monitored  
on rail, road and sea

**30**

Years of IoT experience

**160**

Countries

**800+**

Employees in 32 countries



# ABOUT KLOG

Leading Portuguese logistics provider  
with reach in 120+ countries

Road, air & sea, intermodal and  
contract logistics

Moves high-value tech, pharma,  
automotive, textiles, construction  
materials & cargo

Fleet of 50+ Euro VI and electric  
vehicles





# VISIBILITY GAPS + THE RIGHT PARTNER

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**KLOG:** 158 employees in Portugal, operating in 120+ countries

**Challenge:** Finding a reliable solution for:

1. Coverage on rail corridors
2. Cross border coverage with individual cellular networks in multiple countries

**Goal:** Continuous tracking and reliable, real-time cargo updates





# EUROPE'S MULTIMODAL FREIGHT NETWORK: DEMANDS ARE CHANGING

- Cross-border and intermodal freight are expanding rapidly
- Connectivity gaps persist in rail and rural corridors
- Customers expect real-time tracking and predictive visibility



# ORBCOMM SOLUTION OVERVIEW

Smart, resilient logistics powered by satellite connectivity and purpose-built tracking.

## Core technologies

### SC1000 solar-powered tracker

- Purpose-built for intelligent, always-on asset monitoring
- Fast, low-touch installation for fleet-wide deployment
- Battery Life
  - Full charge holds for 3 months
  - Charges from empty in less than 1 hour



# ORBCOMM SOLUTION OVERVIEW

Smart, resilient logistics powered by satellite connectivity and purpose-built location visibility

## Core technologies

### OGx satellite IoT connectivity

- Seamless global coverage with consistent cross-border visibility
- Eliminates cellular gaps and roaming issues on European routes



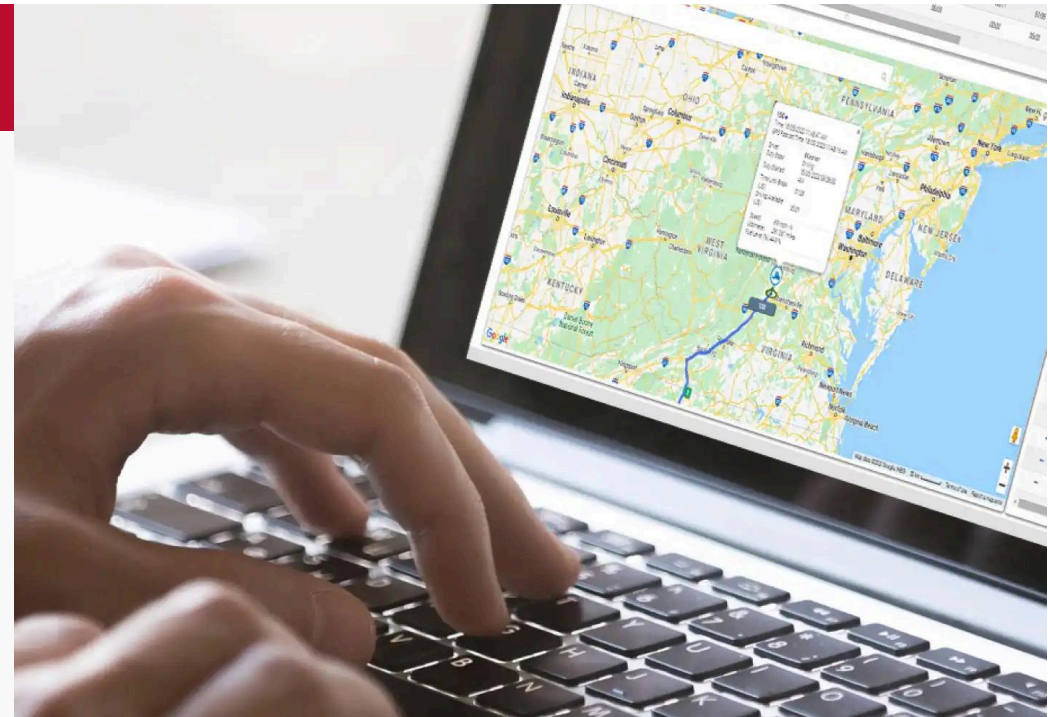
# ORBCOMM SOLUTION OVERVIEW

Smart, resilient logistics powered by satellite connectivity and purpose-built tracking.

## Core technologies

### Platform integration

- Fully integrated with **KLOG's logistics platform** for real-time monitoring, alerts, and faster decisions





# VISIBILITY THAT DELIVERS MEASURABLE IMPACT

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- Near-complete visibility across Europe
- Full journey tracking on all trial routes
- Solar devices cut install + maintenance costs
- 120+ country network fully monitored
- Faster response times & fewer disruptions
- Sustainability via optimized routing and fewer empty miles



# BUILDING A SMARTER, SUSTAINABLE EUROPEAN FREIGHT ECOSYSTEM

- Continuous connectivity across rail and road and sea modes
- Proactive and descriptive data drives decisions and digital transformation
- Optimized operations reduce emissions and align with EU green mobility goals
- Committed to using durable, recyclable and efficient materials, reducing single-use plastics, enabling reuse of returned equipment, and working with a supply-chain that meets environmental standards.





# LET'S CONNECT AND TRANSFORM FREIGHT VISIBILITY TOGETHER

If you want to eliminate blind spots and achieve smarter logistics, connect with ORBCOMM to explore satellite IoT visibility solutions across Europe.



ORBCOMM®





**QUESTIONS?**





# THANK YOU

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