ORBCOMM®

The evolution of IoT: developing new technologies

Intermodal Europe 2024 | Rotterdam Ahoy

Christian Allred | GM & SVP, Maritime IoT, ORBCOMM | November 13, 2024

ABOUT ORBCOMM

The world's largest container IoT telematics provider

First reefer container IoT deployment in 2007

Trusted by six of the world's top 10 shipping lines

Work with all major OEM reefer manufacturers

Solutions for dry, reefer, chassis

Onboard vessel network

600,000+ reefer containers monitored worldwide

Over 1 million dry container monitoring solutions shipped in 2024

SOLVING TODAY'S INDUSTRY CHALLENGES

Lack of visibility for shipping lines, BCOs

Container fires

Contraband and people smuggling

Cargo damage

Container mishandling

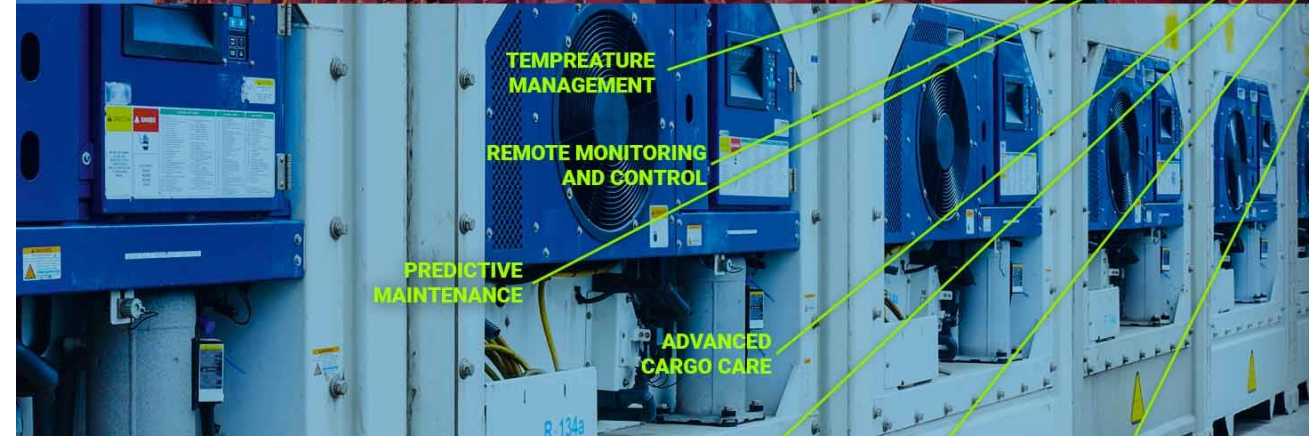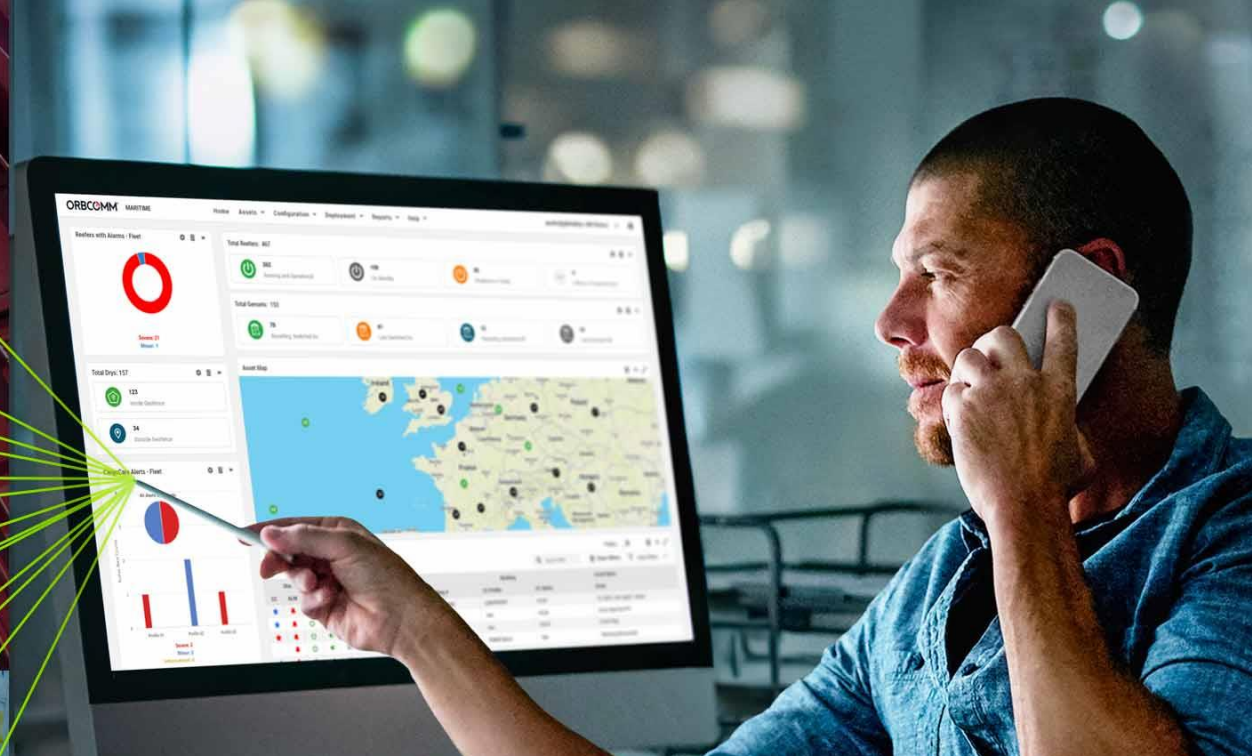Empty, stolen or misplaced containers

Dangers in hazardous goods transport

Crew safety

Sustainability and environmental reporting

FIRE DETECTION

CARGO TEMPERATURE

CONTAINER DAMAGE

24/7 VISIBILITY

CONTAINER SECURITY

SHOCK DETECTION

TEMPREATURE MANAGEMENT

REMOTE MONITORING AND CONTROL

PREDICTIVE MAINTENANCE

ADVANCED CARGO CARE

ONSHORE ALERTS

CREW ACCESS

GLOBAL COVERAGE

SMART. SAFE. SECURE.

Visibility for data-driven decisions
Planning certainty
Enhanced cargo safety
Container security
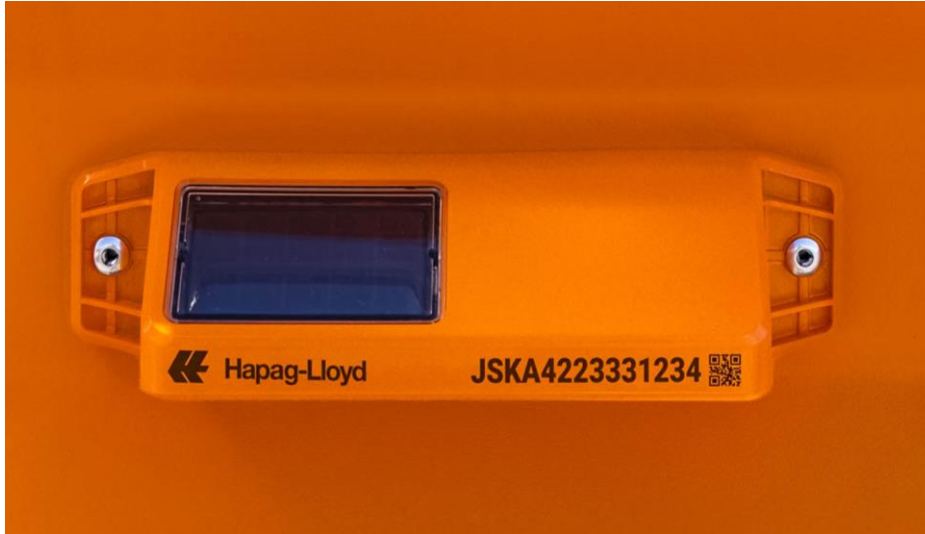**Vessel protection**
Asset utilization
CO2 reductions
New revenue stream opportunities
Better customer service

ORBCOMM'S DRY CONTAINER IoT DEVICES

First generation: CT 1000

New Variant: CT 1010 (additional features)

Proven success with Hapag-Lloyd

Think *inside* the box

- ✓ **60k+ high volume production monthly**
- ✓ **Global deployment in over 50 depots across 100 countries**
- ✓ **New revenue-generating data service launched by Hapag-Lloyd**

- ✓ **Sensor pod detects conditions inside the container**
- ✓ **Detects motion, shock, temperature, light and door status**
- ✓ **Improved solar harvesting and power management for increased reporting frequency**