**Trailer 1458**

Alert

Check Door ⚠️

**Door Sensor:** *Connected*
**Door Status:** *Open*

🟢 Compartment 1 −4.7°C
🔵 Compartment 2 −24.1°C

**EROAD**

**Product Compliance & Operational Efficiency**

# EROAD Cold Chain Assurance

Comprehensive Cold Chain Assurance for
Better Control and Performance

**EROAD helps Reefer Fleet Managers and Cold Chain Operators to gain better control over their operations and supporting load safety by assisting temperature compliance, predicting potential costly equipment failures, and providing clear, actionable insights to help reduce fuel and maintenance expenses.**

### Driving a safer cold chain

Help protect sensitive goods and provide proof of compliance through real-time monitoring and alerts, coupled with automated, tamper-proof temperature logs.

### Reducing operational costs

Potential to lower fuel and maintenance costs by leveraging insights into pre-cool durations, engine health, cargo temperature fluctuations, driver behaviour and more.

### Stretch your assets further

Maintain asset conditions and potentially extend their lifespan with utilisation reporting, preventive maintenance, and EROAD's predictive shut-down insights.

# Solution Features

### Advanced Predictive Maintenance

Help identify potential reefer breakdowns up to 7 days in advance with our fleet maintenance tool - leveraging telematics, machine learning, and real-time uploads of active fault codes.

### CoreTemp™ for Food Safety & Quality Compliance

Product-specific temperature monitoring that goes beyond simple air readings for more accurate, auditable reporting.

### Advanced Pre-Cool Optimisation

Potentially lower fuel costs and improve trailer turnaround by optimising the pre-cooling phase.

### Trailer Tracking & Utilisation Analytics

Get a 24/7 view of every trailer's location and usage.

### Two-Way Reefer Control

Remotely manage and control reefer settings - including start/stop, temperature, and operating mode - from the dispatch office.
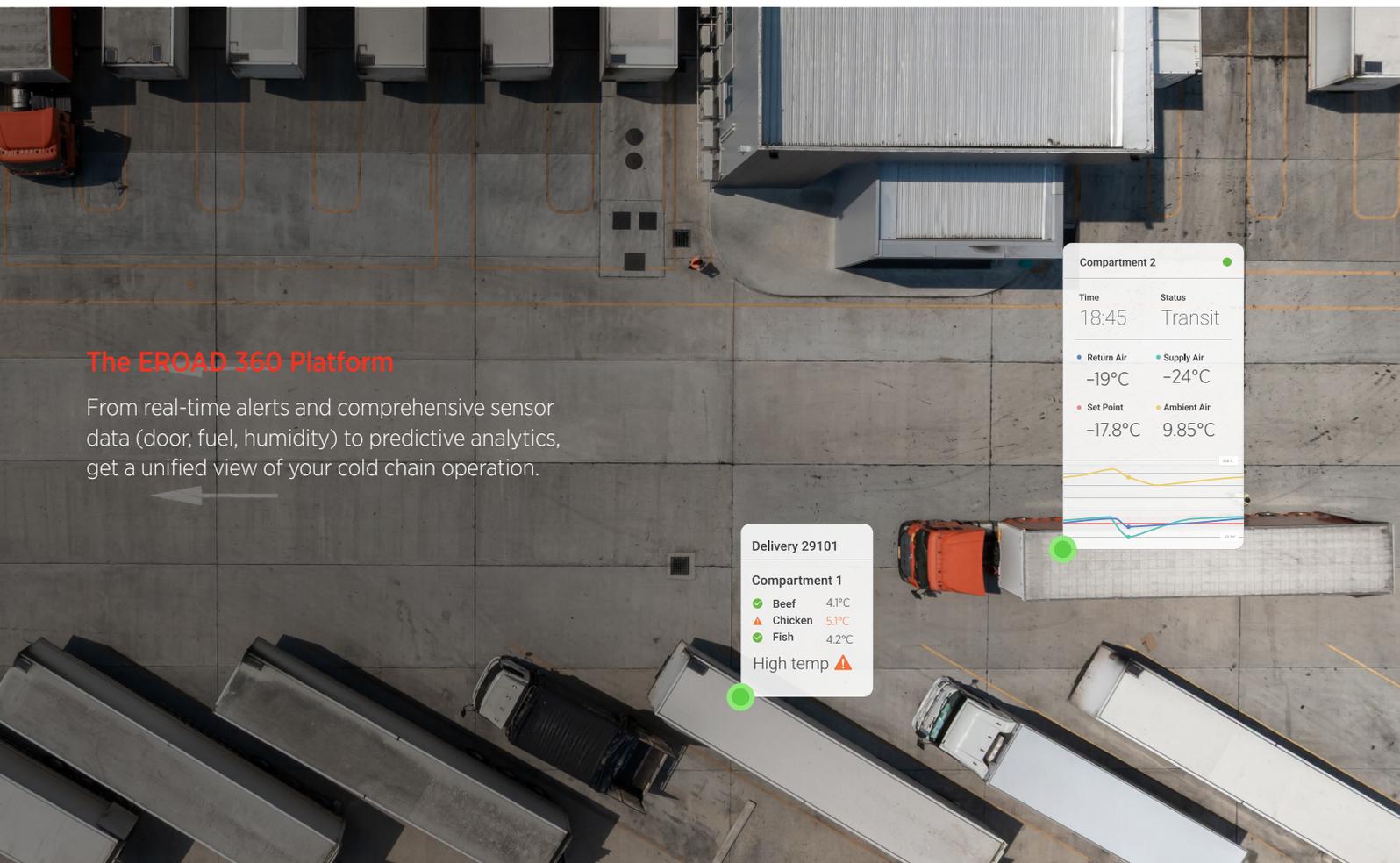
### RUC Compliance

Add CoreHub Trailer or Ehubo2 to simplify compliance and reduce admin with automated electronic RUC for your refrigerated truck and trailer fleet.

*Requires Corehub Trailer or Ehubo2. RUC is managed in the MyEROAD platform.

### The EROAD 360 Platform

From real-time alerts and comprehensive sensor data (door, fuel, humidity) to predictive analytics, get a unified view of your cold chain operation.

Compartment 2

| Time | Status |
| --- | --- |
| 18:45 | Transit |

| Return Air | Supply Air |
| --- | --- |
| −19°C | −24°C |

| Set Point | Ambient Air |
| --- | --- |
| −17.8°C | 9.85°C |

Delivery 29101

Compartment 1

| | | |
| --- | --- | --- |
| ✓ Beef | 4.1°C | |
| ⚠ Chicken | 5.1°C | |
| ✓ Fish | 4.2°C | |

High temp ⚠

# End-to-End Cold Chain Monitoring

## CoreHub Xtreme

CoreHub Xtreme is a rugged IoT gateway and telematics unit for refrigerated trailers. It connects to the reefer unit, and can be paired with sensors for greater visibility into your trailer fleet operation.

## CoreHub Trailer

CoreHub Trailer is a rugged trailer telematics unit with built-in RUC display. It provides accurate tracking and RUC compliance for heavy trailers. Reefer trailers requiring the Cold Chain solution and RUC must install both the CoreHub Xtreme and CoreHub Trailer.

## CoreHub Standard

CoreHub Standard is an in-cab telematics device. It collects data directly from your engine management system and a series of wireless sensors, and a harness can be connected directly into the reefer unit in straight reefer trucks.

## Sensors

A network of wireless Bluetooth sensors supply additional insights, supporting operational efficiency.

**Wireless Door Sensor**

**Wireless Temperature Sensor**

| Feature | CoreHub Xtreme | CoreHub Standard with Micro harness | CoreHub Standard with temperature sensor | CoreHub Trailer |
|---|---|---|---|---|
| Requires connection to Reefer Micro | Yes | Yes | No | No |
| Suitable for | Refrigerated trailers (ThermoKing & Carrier) | Refrigerated trailers (ThermoKing & Carrier) | Last mile reefer trucks, dry trailers & reefer equipment (all brands) | Refrigerated trailers & dry trailers (all brands) |
| Suitable for refrigerated trailers & equipment | ✅ | - | ✅ | - |
| Suitable for refrigerated trucks | - | ✅ | ✅ | - |
| GPS Location Tracking | ✅ | ✅ | ✅ | ✅ |
| RUC Compliance | Via CoreHub Trailer | via Ehubo2 | via Ehubo2 | ✅ |
| Real-time temperature monitoring | ✅ | ✅ | ✅ | - |
| Two-way reefer control | ✅ | ✅ | - | - |
| AI-driven product temperature monitoring | ✅ | ✅ | ✅ | - |
| Predictive shut-down monitoring | ✅ | ✅ | - | - |

## Integrations

We are continually developing our partnerships with OEM reefer equipment providers. To learn more about current integrations available in your region, and which makes and models are available, please talk to one of our experts.

## Other refrigerated equipment

Our solution can be extended to cover additional refrigerated equipment used for distribution and cold storage, enabling end-to-end cold chain monitoring and compliance.

## Installation

We make installation simple. We have a network of professional installers who can come to your site to get everything set up at a time that works for you. For larger fleet operators with a workshop, we can train your team members and provide documentation and a simple installation app.

# Let's connect

**Are you ready to make your operation run smoother and more efficiently with enhanced compliance reporting? Talk to one of our experts today to see how EROAD can help.**

**About EROAD**
EROAD develops technology solutions (products and services) that manage vehicle fleets, support regulatory compliance, improve driver safety and reduce the costs associated with driving. EROAD also provides valuable insights and data analytics to universities, government agencies and others who research, trial and evaluate future transport networks. This data enables those who use the roads to influence the design, management and funding of future transport networks.

**See www.eroad.co.nz, or call 0800 437 623 for more information.**