ORBCOMM™
CONNECTING THE WORLD'S ASSETS

RT 6000+

Global Transportation Management Systems

Industry-Leading Tracking and Monitoring Solutions for Refrigerated Assets

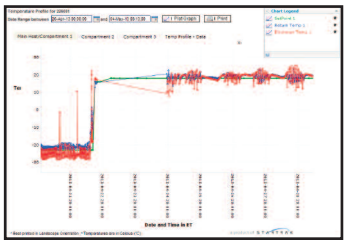
ORBCOMM's dual-mode, ruggedized **RT 6000+** device provides visibility, control and decision rules to dispatch and operations centers, maintenance organizations and operational managers of transportation companies worldwide via our powerful web platform, **ReeferTrak®**. Using a unique direct interface to every refrigerated asset's microprocessor, this robust solution provides comprehensive temperature, fuel management, maintenance, and logistical applications services to revolutionize refrigerated transportation operations.

Customers can leverage this industry-leading tracking and monitoring solution to make immediate, important decisions about their reefer business, allowing for smarter investments in transportation system operations and immediate savings as well as improved end-to-end operations.

A Wealth of Experience in Cold Chain Telematics

With reliable, two-way interfaces to every type of refrigerated unit, this solution delivers the most effective wireless refrigeration management tools available in the transportation industry. By leveraging the power of these state-of-the-art solutions, customers can achieve maximum compliance, efficiency and return on investment (ROI).

- For-Hire Carriers
- Food Service
- Rail & Intermodal
- Ocean Containers
- Pharmaceuticals
- Multi-Temps
- Grocery & Dairy
- Straight Trucks
- Gensets
- Private Fleets
- LTL
- Leasing



The ReeferTrak® solution provides advanced analytics such as a temperature profile graph for every shipment.

FEATURES

Two-way cold chain monitoring and control

Direct interface to refrigerated transportation OEM microprocessors

Complete temperature monitoring & analytics

High-performance fuel & engine hour ROI

Geofences locally on the asset

Customer-specific actions locally on the asset

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RT 6000+ SPECIFICATIONS

Direct Interface to All Refrigeration Transportation Units:
- Carrier Transicold Vector, APX, Standard, Advance
- Carrier Transicold Multi-Temp (Standard, Vector)
- Carrier Solara
- Thermo King SR3, SR2, µPIV, µPV, µPVI
- Thermo King µPT Straight Truck/Multi-Temp
- Thermo King Multi-Temp (Spectrum µPIV, SR2)
- Thermo King TGV, TGVI (Standalone)
- Zannotti (Standalone)
- Carrier, Thermo King, Daikin & StarCool Containers

Communications: Cellular, Satellite or Dual-Mode

Event Response Time: 30 Seconds Typical

Poll Response Time: Within 2-3 Minutes Typical

Power Usage: < 5 µA Steady State

Sensors/Optional Sensors: GPS, Fuel, Door Open/Closed, Tethered, Remote or Independent Temperature Probes, Tractor ID, Movement/Stationary, Virtual Mileage, Tire Pressure Inflation, Engine Hours, Door Lock/Unlock, Shock/Tri-Axial Impacts, Humidity, ABS Functions

Monitoring & Control Functions: Monitors All Available Microprocessor Alarms (Critical, Non-Critical)
- Change Set Point
- Remote On/Off (If Equipped)
- On/Off Event Reporting
- Change Mode of Operation
- Change Controlling Sensors
- Clear Alarms
- Run Pre-Trip
- Preventative Maintenance Settings
- Intellisets/Opti-Sets
- Remote Configuration Parameters
- Temperature Profile Graph
- Independent Temperature Alerts
- Lockdown
- Control Scheduler
- Group Commands

Other Functions:
- Fuel Usage (Gal/Hour, Refuel, Rapid Fuel Loss)
- Geofences Locally on the Asset (40,000)
- Customer-Specific Actions Downloaded to the Asset
- Remote Firmware & Customer Software Download
- Refrigerated Asset Performance Monitoring

Operational Temperature Range: -40C to +70C

Dimensions: 4.5"x 6.25"x3.25"

Weight: 525 g

Enclosure: Polycarbonate; IP67 Rated

Network: Web Exception Reporting, Notifications Via Email/Wireless Device, Tracking & Tracing Integration, EDI Intermodal 204/222/301/404/417/322 Network Compliant

Transportation Management System: ReeferTrak®: High-Performance Planning-to-Telematics Interfaces (Application Gateway Client, Application Gateway)

Integration Partners: Innovative Computing Corp, TMW System (Suites, ICC), McLeod Software, Add On Systems, Peoplenet, Legacy Dispatch Systems, SSI, Prophesy

ORBCOMM's Industry-Leading Cold Chain Telematics Solution

- Two-Way Cold Chain Management & Control
- The Industry's Most Advanced Temperature Compliance Applications
  - Proven Temperature Assurances
  - Instant Out-of-Temperature Detection & Notification
  - Complete Temperature Monitoring Analytics
  - Two-Way Alarm Management
  - Automatic "Proof of Temperature" Compliance
- High-Performance ROI
  - Fuel Savings
  - Reduced Labor Costs & Automatic Yard Checks
  - More Efficient Use of Asset Engine Hours
  - Shipment Cycle Monitoring & Acceleration
  - High Asset Utilization
  - Visibility and Close Management of Inventory
  - Clear Measurement of Chain of Custody
- Tight Integration with Operational Transactions

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