



eSolutions™

Providing TRU IQ for Your Fleet



Carrier eSolutions TRUCK / TRAILER / RAIL

REEFER STATUS GRID

170 Records Were Retrieved For This Report. Report: 2016-08-02 07:32:11 PM EDT

UNIT	UNIT	UNIT	CONTROL	DEVICE ID	HOME	EVENT TIME	EVENT	ENGINE	SWITCH	LOCATIONS	BATTERY	ENGINE
NO.	NO.	NO.	SYSTEM	ADDRESS	FACTORY	ISO	DESCRIPTION	NO.	NO.	NAME	VOLTAGE	STATUS
2201	NO 1011	AMERICAN	APN	UNRECORDED	21848218218	2016-08-02 07:32:11	ENGINE STOPPED	44	1470	Deer Creek/Deer	12.8	OK
2202	NO 1012	AMERICAN	APN	UNRECORDED	21848218218	2016-08-02 07:32:11	ENGINE STOPPED	44	1470	Deer Creek/Deer	12.8	OK
2203	NO 1013	AMERICAN	APN	UNRECORDED	21848218218	2016-08-02 07:32:11	ENGINE STOPPED	44	1470	Deer Creek/Deer	12.8	OK
2204	NO 1014	AMERICAN	APN	UNRECORDED	21848218218	2016-08-02 07:32:11	ENGINE STOPPED	44	1470	Deer Creek/Deer	12.8	OK
2205	NO 1015	AMERICAN	APN	UNRECORDED	21848218218	2016-08-02 07:32:11	ENGINE STOPPED	44	1470	Deer Creek/Deer	12.8	OK
2206	NO 1016	AMERICAN	APN	UNRECORDED	21848218218	2016-08-02 07:32:11	ENGINE STOPPED	44	1470	Deer Creek/Deer	12.8	OK
2207	NO 1017	AMERICAN	APN	UNRECORDED	21848218218	2016-08-02 07:32:11	ENGINE STOPPED	44	1470	Deer Creek/Deer	12.8	OK
2208	NO 1018	AMERICAN	APN	UNRECORDED	21848218218	2016-08-02 07:32:11	ENGINE STOPPED	44	1470	Deer Creek/Deer	12.8	OK
2209	NO 1019	AMERICAN	APN	UNRECORDED	21848218218	2016-08-02 07:32:11	ENGINE STOPPED	44	1470	Deer Creek/Deer	12.8	OK
2210	NO 1020	AMERICAN	APN	UNRECORDED	21848218218	2016-08-02 07:32:11	ENGINE STOPPED	44	1470	Deer Creek/Deer	12.8	OK

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Remotely Track and Manage Carrier® Transcold® Refrigerated Assets

Providing a steady flow of intelligence about your fleet's transport refrigeration units (TRUs), the Carrier Transcold eSolutions™ system gives your operations "TRU IQ" to enable information-driven decisions and greater efficiencies.

Designed specifically for Carrier Transcold transport refrigeration units, eSolutions provides greater visibility, robust data management and full support throughout North America by our factory-authorized dealer network.

Benefits That Increase Fleet Efficiency

The eSolutions system can benefit fleets of all sizes whether factory installed in new units, or field installed on existing equipment by Carrier Transcold dealers.

- Centralized web-based visibility and management of TRU assets, such as:
 - Monitoring reefer setpoint and receiving out-of-range alerts
 - Utilizing GPS and Geofence information to manage dwell times and on-time departures and arrivals
 - Receiving notifications of rapid fuel loss and monitoring refueling events
- Increased TRU uptime by managing cargo temperatures, battery voltage and fuel levels
- Automatic "proof of temperature" compliance reports to maintain food safety standards
- TRU system analytics for increased visibility and control of your refrigerated assets
- Performing data downloads and software updates remotely to reduce operational costs and increase asset utilization

Gather your TRU information from anywhere.

Mapping





Complete Telematics Package

Each eSolutions-enabled TRU is equipped with a Carrier® telematics device with backup battery for cellular operation, antenna, and streamlined wiring harness.

Centralized and Flexible Visibility

Remote monitoring and control is provided via a user configurable web-based dashboard. Additionally, the system interfaces with many fleet management systems such as TMW, McLeod, and AddOn Systems to enable seamless data integration. Customized system integrations may also be supported upon request.

Secure Data Management

User data is securely maintained and accessed via two United Technologies Corporation-approved data centers, providing redundant data protection, fast access and robust security of fleet information.

Service Plans

Carrier Transicold® eSolutions system can benefit fleets of all sizes. Fleets can choose customized capabilities based on budget and needs.

Information

	Monitor	Monitor & Control	Monitor & Enhanced Control
Events as they occur	✓	✓	✓
1-way data, 15 min. intervals	✓	✓	✓
2-way control		✓	✓
Data downloads			✓
IntelliSet™ uploads			✓
Software updates			✓

(See back page for details.)

Additional Service Plan Details

Monitor

Provides full visibility of comprehensive operational data. Examples of some of the data received are listed below.

- GPS location and Geofence information
- Setpoint data
- Sensor temperatures
- Fuel level
- Battery voltage
- Operating mode
- Hour meters
- Alarms

Monitor & Control

Adds 2-way control with the ability to manage events remotely. Examples of some of the events provided are listed below.

- Setpoint changes
- Change operating mode
- Initiate pre-trip
- Switch IntelliSet™ controller profiles
- Clear alarms
- Remote power on/off
- Initiate defrost

Monitor & Enhanced Control

Adds the ability to perform the following items remotely:

- Data downloads from the TRU
- Wireless IntelliSet profile uploads to fleet TRUs
- Software updates for the TRU controller



Details

Specifications

Transceiver Dimensions

7.54" x 3.07" x 1.43"
(191.5 x 78.1 x 36.4 mm)

Inputs

1 door, 1 fuel, 3 temperature

LED Status/Warning Indicators

Green, Red/blinking, Orange/blinking

Coverage

3G Global GSM/GPRS cellular + GPS

Operating Temperature

-40°F to 185°F (-40°C to 85°C)

Humidity

0 to 100% RH

Power Draw

- Sleep 5 mA
- Standby 10-20 mA
- Active 100 mA

Backup Battery

Lithium-ion rechargeable

Ordering Information

Factory Installation

Carrier's® eSolutions™ system can be factory-installed on the X4™ series or Vector™ 8500 & 8600MT units.

Field Installation

- X4 Series
- Vector 8500 and 8600MT
- X2 Series
- Vector 6500 and 6600MT

eSolutions System Options

- eSolutions remote power control switch kit
- eSolutions temperature sensor kit, 72 ft. cable
- eSolutions temperature sensor kit, 100 ft. cable
- eSolutions fuel sensor kit, 18 in. tank
- eSolutions fuel sensor kit, 22 in. tank

Other Carrier Options

- Carrier door switch kit
- Carrier temperature sensor kit, 75 ft. cable
- Carrier temperature sensor kit, 100 ft. cable
- Carrier ultrasonic fuel sensor kit, 18 in. tank
- Carrier ultrasonic fuel sensor kit, 22 in. tank
- Carrier ultrasonic fuel sensor kit, 36 in. tank

Ordering

Note:

Monthly service plan must be activated separately from hardware purchase.

Option kits can be included in factory orders, but will be installed in the field.

Specifications are subject to change without notice. Form 62-12022

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