

ReeferMate®

Temperature Monitoring and Control

A stand-alone, cost-effective solution that enables you to monitor and remotely manage your refrigerated trailers and cargo. Easy to install and easy to use.



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ReeferMate® Two-Way Reefer Control at Your Fingertips with ReeferMate from CarrierWeb®

ReeferMate is a stand-alone, cost-effective solution that enables you to monitor and remotely manage your refrigerated trailers and cargo, tethered or untethered. ReeferMate two-way command and control technology provides the ability to initiate changes to the reefer from the desktop, eliminating frequent driver interaction.

GPS Tracking

Know the location of your refrigerated trailers based on your reporting requirements.

Two-Way Command Control

From your desktop, monitor and control the temperature of your loads, change the set point, initiate defrost, initiate pre-trip, turn the reefer on/off, and change the operating mode.

Proof of Temperature

Proof of temperature will be at your fingertips by graph or spreadsheet.

Reduce load/loss damage

Thanks to the ReeferMate, driver and dispatch are alerted when the trailer's temperature becomes out of specification for a particular shipment. Alert reporting, such as unscheduled door opening alerts, prevents load theft.

Improve utilization of assets and visibility into operations

You now have a quick and easy overview of your trailers. Use exception reporting to see trailers that have been parked too long as well as reporting on trailer pools.

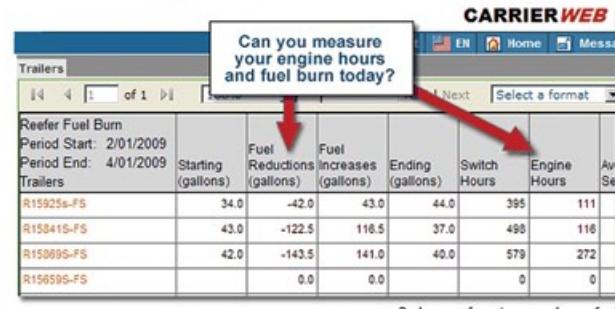
Improve fleet performance with landmarks and fuel reporting

With ReeferMate, you are able to create "landmarks" that automatically show when the trailer arrives and departs. It allows you to receive reminders to start billing for detention and captures/reports the fuel level upon entry and exit of a landmark.

Manage and Reduce Reefer Maintenance Costs

By continually tracking engine hours, you are now able to plan ahead for PM, and avoid failures on the road.

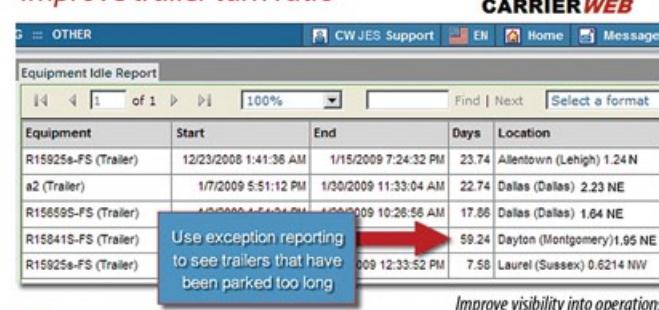
Are your customers abusing your equipment and burning your fuel?



Trailers	Starting (gallons)	Fuel Reductions (gallons)	Fuel Increases (gallons)	Ending (gallons)	Switch Hours	Engine Hours	Avg Se
R15925a-FS	34.0	-42.0	43.0	44.0	395	111	
R158415-FS	43.0	-122.5	116.5	37.0	498	116	
R158095-FS	42.0	-143.5	141.0	40.0	579	272	
R156595-FS		0.0	0.0		0	0	

Reduce reefer misuse and save fuel

Improve trailer turn ratio



Equipment	Start	End	Days	Location
R15925a-FS (Trailer)	12/23/2008 1:41:36 AM	1/15/2009 7:24:32 PM	23.74	Allentown (Lehigh) 1.24 N
a2 (Trailer)	1/7/2009 5:51:12 PM	1/30/2009 11:33:04 AM	22.74	Dallas (Dallas) 2.23 NE
R156595-FS (Trailer)	1/10/2009 1:45:04 PM	1/20/2009 10:26:56 AM	17.86	Dallas (Dallas) 1.64 NE
R158415-FS (Trailer)			59.24	Dayton (Montgomery) 1.95 NE
R15925a-FS (Trailer)	2009 12:33:52 PM		7.58	Laurel (Sussex) 0.6214 NW

Improve visibility into operations

Improve utilization and reduce load loss with ReeferMate.

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ReeferMate® is not only easy to install, but it is easy to use

ReeferMate was built with rugged, weather-proof components to support ALWAYS-ON™ monitoring which can be pinged at any time. It ties directly into the reefer power or from the 7-way, allowing position, fuel and door monitoring when the reefer is turned off.

With ReeferMate, you will enjoy seamless integration with Carrier® Transicold and Thermo King®

ReeferMate offers many other benefits, including:

- Full reefer monitoring of temperature, alarms, operational status and changes
- Landmarks for accurate reporting of arrival and departure times
- Two-way command and control to adjust reefer conditions as necessary from dispatch
- Robust integration with transportation management systems
- Reduced labor costs with automated or desktop yard checks
- Dwell time reporting
- GPS tracking
- Fuel usage reporting by landmark
- Prevention of cargo claims
- Improve maintenance scheduling
- Basic unit installation in 15 minutes

Schedule PM based on life-to-date engine hours

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Trailers							
Reefer Fuel Burn	Period Start:	2/01/2009	Period End:	4/01/2009	Starting (gallons)	Fuel Reductions (g)	Fuel Increases (g)
R15925s-FS		34.0			395	111	
R15841s-FS		43.0			498	116	
R15869s-FS		42.0	-143.5	141.0	40.0	579	272
R15859s-FS			0.0	0.0		0	0

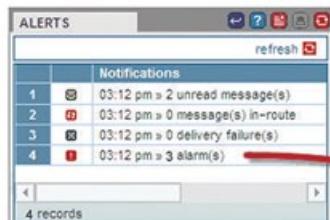
Plan ahead for PM. Avoid failures on the road.

Reduce load loss/damage



3.7" L X 2.6" W X 1.2" H

Driver and dispatch alerted when temp exceeds set range



Time	Vehicle	Alarm
04-09-2009 02:21 pm	R15571s-No	Setpoint alarm: old value: 34°F, new value: 40°F
04-09-2009 05:00 am	R15571s-No	Setpoint alarm: old value: 33°F, new value: 34°F
04-07-2009 08:37 am	FS TST2	BOX TEMP OUT-OF RANGE

Manage and reduce reefer maintenance cost



Multi-sided landmarks for increased accuracy

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