THERMO KING

TracKing™

A complete web-enabled temperature management system.



Ingersoll Rand
Climate Control Technologies







TracKing

Wireless communications for improved asset utilization and fleet efficiency.

Thermo King is proud to offer a new mobile communications system designed for use in trailer, rail or intermodal applications. Our goal is to provide customers with integrated solutions that enhance their logistics networks.

TracKing is a wireless asset management system which provides the ability to real-time monitor and track untethered units in a fleet. Utilizing cellular, satellite and Internet technology to real-time monitor and track, TracKing also has the ability to interact and control. All of this on-demand, from almost any location, 24 hours a day, 365 days a year.

Technology

The TracKing unit is equipped with an interface for data and alarm reporting. It uses GPS (Global Positioning System) to determine actual geographic asset location and critical unit information. Cellular and satellite communication technology is used to provide the wireless link for communication to the Internet and web site.

Advantages

TracKing provides the ability to monitor an entire fleet's actual position and route history at regular intervals, or on-demand. It provides the pertinent information you need to schedule, control and manage your operation, and improve on overall asset utilization and fleet productivity.

TracKing also provides added security. With its alarm and notification features, along with the mapping and dealer locator, TracKing can greatly reduce losses and risks. These reductions may even qualify for reduced insurance rates. (Contact your insurance company for details.)

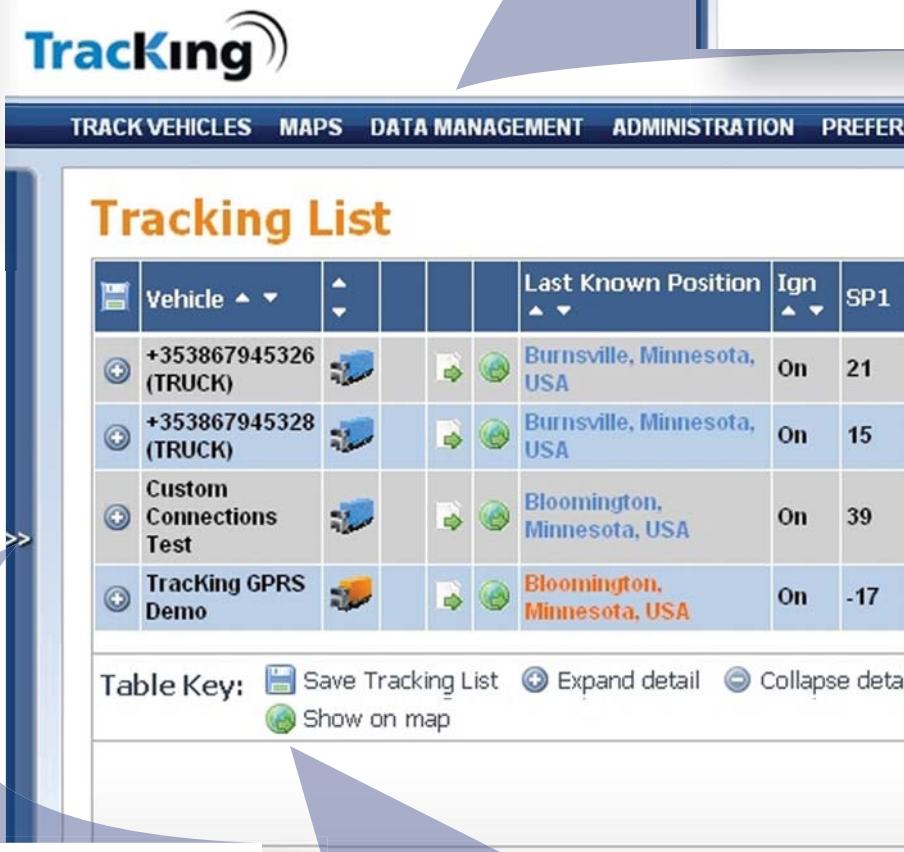
Ask your Thermo King representative to elaborate on the many features that TracKing has to offer.

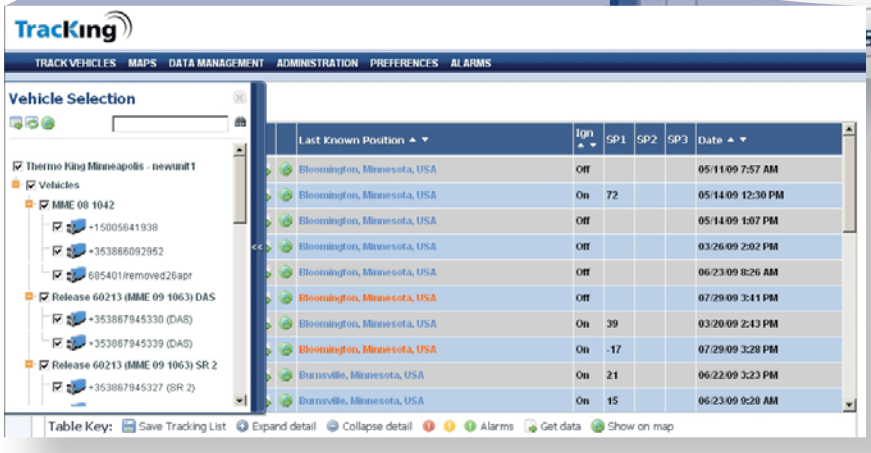
TracKing Service Center



Secure Log-In

Utilizing a user name and password, access the secure, easy-to-navigate TracKing web site.





Fleet Tracking

Latest asset and unit reports are displayed instantly. View GPS mapping, status, operating functions and alert information. Enables management to track and monitor all incoming and outgoing fleet activities including performance routing, delivery time and destination. Assets can be quickly identified for efficient reassignment. The data storage and retrieval system provides complete history and actual usage data, including door status and fuel level.



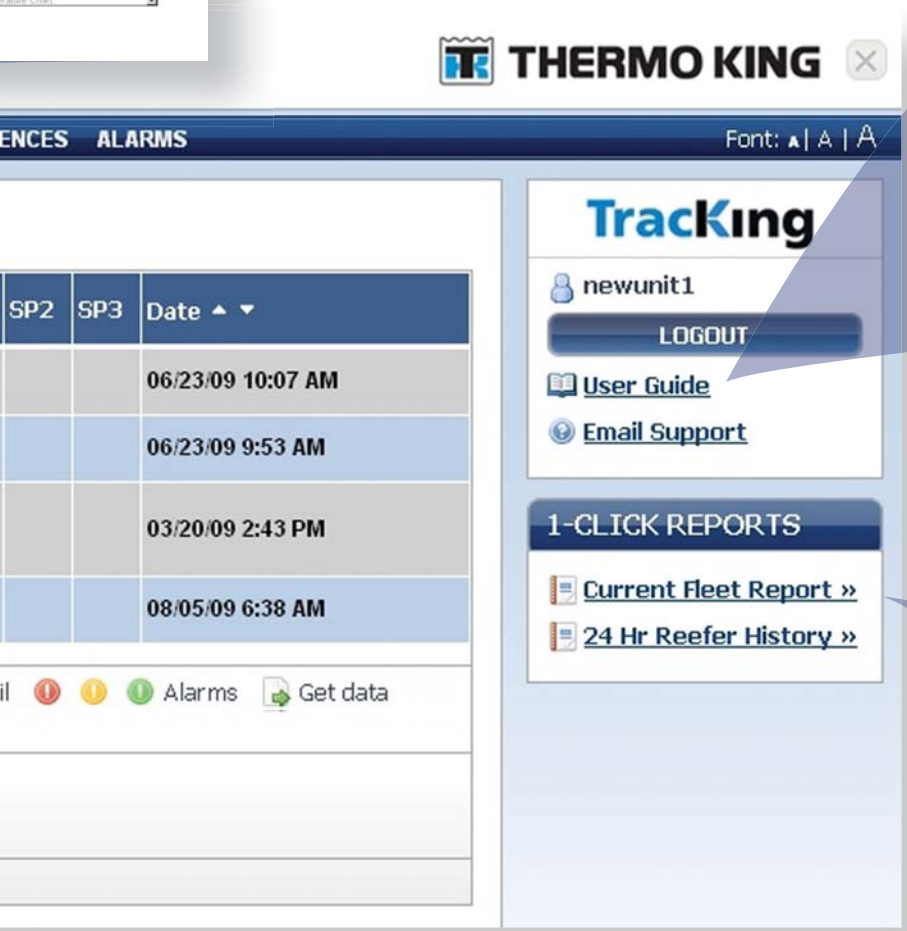
Map View

View a GPS-mapped graphic representation of asset locations with a click of the mouse.



Data Managment

Custom-configure and
manage your data.





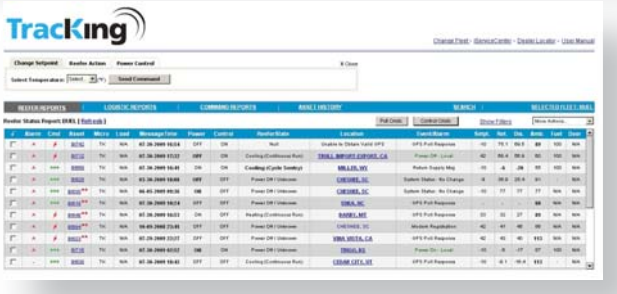
User Guide Available

Available online as PDF
for added convenience.



Current Fleet Report

View status and location of every asset in
a fleet on one easy-to-read screen.



Fleet Control

(currently available for satellite)

TracKing features an invaluable control feature that allows for configuration of a specific asset. Allows dispatcher command of crucial functions, including:

- > Start
- > Pre-Trip
- > Stop
- > Defrost
- > Change Set Point
- > Clear Alarms
- > Change Operation Mode
- > Download Over-the-Air





Everyone can benefit from Thermo King's TracKing

Real-time temperature data

Monitor sensitive loads remotely and access current cargo temperature data at high speeds.

- Set point
- Discharge air
- Operating mode
- Hour meter
- Battery voltage
- Return air
- Alarms
- Fuel level
- Door status
- Unit power status

Internet-based communication

To avoid load loss, TracKing lets you interact with your refrigeration unit to:

- Change unit set point
- Initiate defrost
- Initiate pre-trip
- Clear unit alarms
- Start and stop (satellite)

These options are accessible at the administrator level on the website and can be activated based on your communication contract type.

Datalogger or micro data download over-the-air (cellular)

Download information directly to your office support system.

Easy to set up and operate

It's easy to set up your fleets and configure your temperature monitoring and reporting needs on the TracKing website.

Future upgrades can be flash loaded easily over the air (cellular).

Enhanced fleet tracking

Internet access gives you instant location data, allowing you to protect your vehicles from misuse.

- Accurate vehicle location
- Speed monitoring (cellular)
- Replaying of the vehicle trip (cellular)

Multilingual website (cellular)

The TracKing website is available in English, French and Spanish with information on:

- Temperature
- Alarms
- Location history
- Position history

Real-time alarms

Whether it's temperature anomalies, unit malfunctions or low fuel levels, TracKing gives you a real-time view of your fleet, alerting you by SMS and/or email.

Compatibility

TracKing is compatible with all Thermo King diesel truck and trailer products and Thermo King dataloggers.

Communication Contract

For a flat monthly fee you can choose a contract that best fits your business needs. Access to the TracKing website as well as customer support is included in the contract.

Availability of above-listed functions dependent on controller and connection type.



TracKing, available in satellite or cellular, delivers operational efficiencies going beyond the cold chain to vehicle and driver management. This system provides fleet managers with a dashboard of cost critical information by trip, by driver and by vehicle, allowing them to quickly gauge the productivity of their fleets.

Temperature Management

- Optimum temperature management to ensure top quality product delivery
- Lower service costs and unit down-time with real time alarm notification
- Manage the refrigeration unit remotely with 2-way control
- Help ensure cargo integrity

Asset Tracking

- Accurate location and mapping of fleet at all times
- Increased cargo security through asset visibility
- Locate Thermo King dealers easily on a map for service support
- Monitor vehicle routes by replaying journey on a map (cellular)
- Theft protection with battery backup (cellular)

Fuel Management

- Optimize fuel consumption by trip, vehicle and driver
- Minimize environmental impact with better fuel management
- Lower fuel costs with improved driving styles
- Remote management of door openings (with sensors)

Asset Management

- Increase fleet uptime
- Lower total cost of fleet ownership with accurate data
- Improve fleet utilization with route management



Increased Fleet Performance & Security

TracKing's customized warning system offers increased protection. It sends an alarm at the first sign of temperature fluctuation. Fleet managers have the ability to control and monitor shipments by pre-programming multiple access codes for their clients and to determine what information is allowed to be transmitted and how it should be communicated and received (pager, mobile phone, or email). Greater security is provided 24 hours a day, seven days a week, 365 days a year.



TracKing Specifications

Wireless, web-enabled

Integrates with existing systems and equipment

Real-time tracking, monitoring and control

Data archive and history

Communication in remote areas

Custom system configuration

User defined parameters

Pre-set security and alarms

Dealer locator and detailed mapping

TracKing Kits (Satellite or Cellular) Include:

- Modem
- Mounting Bracket & Hardware
- Harness (loom)
- Installation Instructions

Benefits

- No complex software to learn or use
- Unlimited access–anytime, anywhere
- Ease of use and installation
- Immediate information enabling quick response
- Increased efficiency and operation performance
- Increased productivity from planning and scheduling
- Immediate load verification
- Improved asset utilization
- Reduction in misdirects and searches
- Automatic notification via cell phone, pager or email and system communication frequency
- Identifies unauthorized movements or events
- Reduced theft, spoilage and insurance claims
- Increased protection of valuable assets
- Quick accessibility to service and parts
- Reduction in downtime and load-loss

Ingersoll Rand
Climate Control Technologies

Providing equipment and services to manage controlled-temperature environments for food and other temperature-sensitive products, our Climate Control Technologies sector encompasses both transport and stationary refrigeration solutions. Our product brands include Thermo King®, a world leader in transport temperature control systems, and Hussmann®, a manufacturer of refrigeration and food merchandising equipment.

www.thermoking.com www.hussmann.com www.ingersollrand.com

TK 54317-12-PL (8-09)

©2009 Ingersoll-Rand Company
Printed in U.S.A. on Recycled Paper