

The insights needed to succeed

With Trailer Assist you can gain a greater view of fleet performance beyond the reefer, alongside the data needed to optimize and enhance your operation. The result: minimized trailer downtime, proactive maintenance, and smarter asset utilization.

TRAILER ASSIST

— performance insights that reach to the trailer —



Thermo King – by Trane Technologies (NYSE: TT), a global climate innovator – is a worldwide leader in sustainable transport temperature control solutions. Thermo King has been providing transport temperature control solutions for a variety of applications, including trailers, truck bodies, buses, air, shipboard containers and railway cars since 1938.

For further information, please contact:
europe.thermoking.com

Find your nearest dealer on
dealers.thermoking.com

TRANE
TECHNOLOGIES

Deliver a smarter and more responsive operation.

Trailer Assist is technology that collects and presents a range of insights relating to a trailer's operational condition. This latest addition to the Connected Solutions range from Thermo King, Trailer Assist extends your ability to view fleet performance beyond refrigeration units – to the actual assets transporting them.

WHY HAVE WE CREATED IT? EXTENDING OUR TRACK RECORD FOR INNOVATION

Put simply, this new solution extends visibility of your operation beyond refrigeration equipment and into another key asset: the trailer. As a result, Thermo King can now offer a more complete technology portfolio, and meet the demands of those customers seeking a more detailed understanding of fleet status.

WHAT TYPE OF DATA DOES IT MEASURE?

Trailer Assist brings to life the reality of trailer conditions out on the road, with a mix of operational and maintenance data points that include:

Operational data:

- Trailer Load
- Odometer
- Coupled/Non-coupled
- Trailer and truck VIN

Maintenance data (depending upon sensor availability)

- Brake lining and status
- Tyre performance per wheel

WHY IS THIS IMPORTANT?

As with Thermo King's wider Connected Solutions offering, Trailer Assist is designed to provide Fleet and Service Managers with the visibility needed to promote smarter operations:

- Enhance vehicle uptime and asset utilization through proactive maintenance
- Optimize transportation routes by analysing weight information (via axle loads)
- Improve logistics flow and avoid wrong trailer pickup (by tracking individual VINs)
- Extend the life-span of tyres and optimize fuel consumption (by tracking their pressure)

HOW DOES IT WORK?

Trailer Assist collects data from a trailer's electronic braking system (EBS), alongside a variety of associated sensors. Processed in real-time, the solution offers alarms and events (via email, text, or apps) from the following list:

- Voltage Supply Insufficient Alarm
- Brake Lining/Tyre Pressure Insufficient (for any tyre/wheel)
- Pneumatic Supply Insufficient
- Air Leakage Detection (for any tyre/wheel)
- Anti-Lock Braking System (ABS) Event

This is information that's accessed via a smartphone (utilizing the TK Reefer App and TKNotify), or online via the Thermo King TracKing platform.

WHAT ARE THE ADDITIONAL BENEFITS?

Trailer Assist offers critical insights across a range of practical and highly relevant outcomes – and extends the value offered by the TracKing application:

- Bring together all trailer and reefer data in one system, computer or mobile app

Have all trailer and reefer alarms and events notifications available via one app: TK Notify

- Reduce processing fees by avoiding multiple invoices
- Share all Trailer Assist data to your preferred 3rd party interfaces (the launch date for this capability is still to be confirmed)

HOW TO GET HOLD OF TRAILER ASSIST

For more information on the solution, simply contact your nearest Thermo King dealership.

Supported EBS's

The following EBS's can be considered for interfacing via TracKing platform: **WABCO Premium** and **Standard EBS system**