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

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.

The insights needed to succeed
**CONNECTED SOLUTIONS**

**TRAILER ASSIST**

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.

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**Supported EBS’s**

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