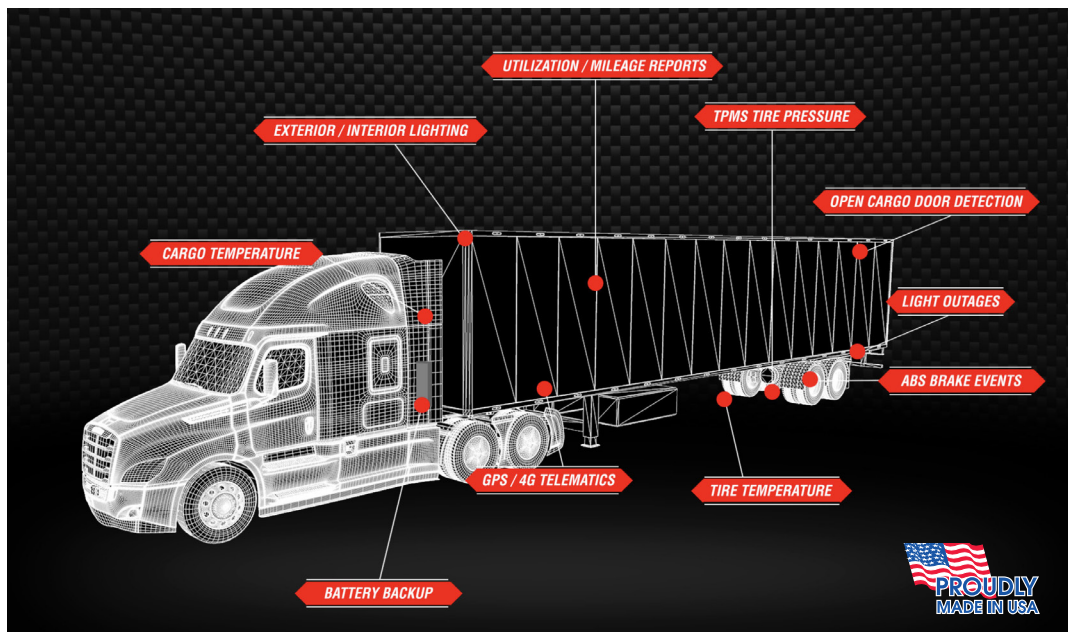


Maximizing return on investment using data is the future for all businesses, and intelligent trailer systems are the next step in this journey for fleets. Let *PetersonPULSE*<sup>®</sup> help you take that next step.



The patented *PetersonPULSE*<sup>®</sup> intelligent trailer system provides fleets with three ways to improve the ROI of their trailer investment:

1. Improved customer experience by picking up and delivering loads on time, secure and undamaged.
2. Reduced downtime and maintenance costs by catching equipment issues early before they become expensive or cause break downs on the side of the road.
3. Increased safety by ensuring all systems are active and working properly.

Designed specifically for fleet trailers, *PetersonPULSE*<sup>®</sup> not only monitors the real-time status of vital trailer systems — lights, ABS brakes, tire pressure, cargo temperature, and more — but also alerts drivers and fleet managers via Bluetooth and cellular communications to any new and developing issues.

Peterson developed the system in partnership with industry leaders in TPMS, ABS, and other sensor and telematic technologies. The system features a CAN-Bus harness using Maxi-Seal<sup>®</sup> technology and Peterson's LumenX LED lighting package for years of worry-free performance.

*PetersonPULSE*<sup>®</sup> uses automotive proven CAN-Bus technology to collect and share data across all the sensors on board. It also uses an open architecture so you aren't locked into one vendor. This gives fleet managers flexibility and choice which helps keep costs down through competition. Determine which companies have the sensors and technologies that are right for your fleet, and we'll make sure they seamlessly connect to our network.

## Some of our technologies and benefits\*

### Notifications via Bluetooth/Cellular

Real-time notifications are sent via Bluetooth (driver) and/or via cellular network (fleet manager). Our PULSE mobile app allows the driver to inspect/verify all trailer systems before departure and updates all system status to a phone or tablet. The PULSE desktop app allows fleet-wide trailer management and repair scheduling.

### GPS Tracking

Know your trailer location whether moving or parked.

### Utilization/Mileage Reports

Maximize fleet use and efficiency by knowing in-service time and downtime of each trailer as well as distance traveled.

### Interior/Exterior Light Status

Advance notice of any lighting issues on the interior or exterior significantly reducing potential CSA violations and downtime.

### Battery Backup

Backup battery powers the system whether or not the trailer is connected to the tractor.

### Cargo Temperature

Crucial for all reefers, real-time temperature readouts guarantee your cargo remains within specified temperature limits — cold or hot.

### Cargo Door Status

Know if your cargo door is secure, or when it has been opened or closed. Unauthorized cargo access alerts can be sent to either driver or fleet manager.

### ABS Brake Events

Enhance driving safety and training by tracking brake incidents in real-time. ABS codes are reported as they happen and logged for early signs of driver or maintenance issues.

### TPMS Tire Pressure

Improve fuel mileage and extend the life of your tires with real-time tire pressure monitoring. Pulse also provides early warning for potential catastrophic tire failure.

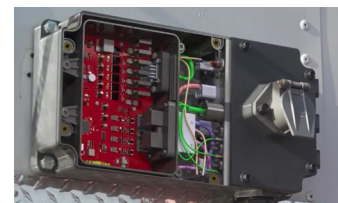
### Wheel-end Temperature

Monitor real-time wheel-end temperature to identify developing brake or hub issues before they become thermal incidents.

\*Additional capabilities are being added, contact us for more information.



Pre-trip with tablet



Front control box cut away



Mounted rear control box



Scan for more  
information