

Under Pressure

TireView/TPMS Integration

According to the Federal Motor Carrier Safety Administration (FMCSA), use of tire pressure monitoring systems (TPMS) can improve fuel economy. In addition, it can help fleets extend tire life, reduce uneven wear from under-inflation, decrease maintenance costs, and gain control over tire-related CSA violations.

PINPOINT PROBLEMS IN REAL TIME

Now, with PSI TireView TPMS integration with FleetLocate, your maintenance and operations staff can receive real-time notifications about key tire performance indicators as they are detected. When used in conjunction with the Spireon/PSI Automatic Tire Inflation System (ATIS) integration, PSI and Spireon provide a comprehensive view of your trailer tire health – all within the award-winning, easy to use trailer management solution you've come to rely upon.

MITIGATE ISSUES WHEN THEY COST THE LEAST

Tires are the top maintenance cost for fleets, and tire under-inflation is the biggest culprit. With the ability to monitor tire health in real time, you can mitigate the downtime and expense of roadside service calls and premature tire replacement.

FleetLocate TireView/TPMS integration makes it easy to:

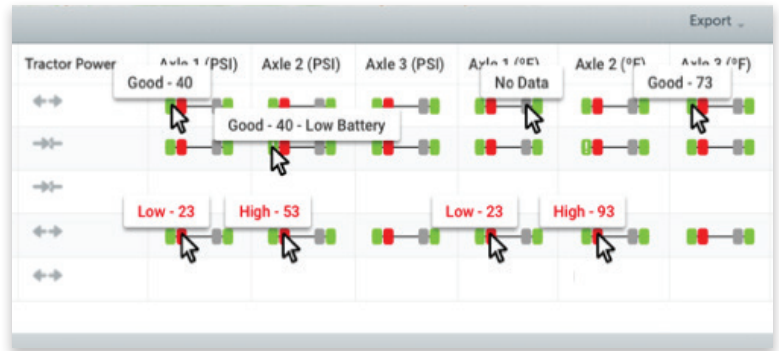
- See tire pressure and temperature status for all system-equipped trailers
- Identify leakage and get ahead of repairs before a failure
- Create real-time alerts to notify your staff of issues



HOW THE TIREVIEW TIRE PRESSURE MONITORING SYSTEM WORKS

The PSI TireView display communicates wirelessly to your choice of cap or internal sensors. Cap sensors are installed on the tire valve stem. Internal sensors are installed on the wheel hub. These sensors report critical information such as:

- Tire Pressure
- Tire Temperature
- Sensor Communication and Battery Levels
- Fast Leakage
- High/Low Pressure
- High Temperature



FLEETLOCATE/TIREVIEW TPMS INTEGRATION BENEFITS

Built in collaboration with PSI, the leader in tire pressure monitoring systems, Spireon’s groundbreaking, modular FL Flex telematics hub integrates with the PSI TireView TPMS system to communicate important TPMS information to the FleetLocate solution.

Integration is simple, and requires few components:

- PSI TireView/TPMS solution (obtained through PSI)
- FL Flex trailer telematics solution (obtained through Spireon)
- Optional environmentally-sealed relay for special use cases such as chassis/flatbeds/tankers (obtained through Spireon)

What’s more is that by leveraging the power and versatility of the FL Flex modular hub, you can add any combination of solar power management, door sensors, liftgate battery monitoring, and Spireon’s proprietary IntelliScan cargo sensing technology to create a custom solution for your trailer fleet!

