

Telematics for Fleet Productivity Real-Time Visibility

Truck #105
Critical Low
Pressure
Axle 1 / Tire 1
85 PSI, 106 F



Doran 360™ TPMS



Off-Road Tire Pressure
Sensors



Doran Connect 360
ECU Monitor



Syrus 3G Device

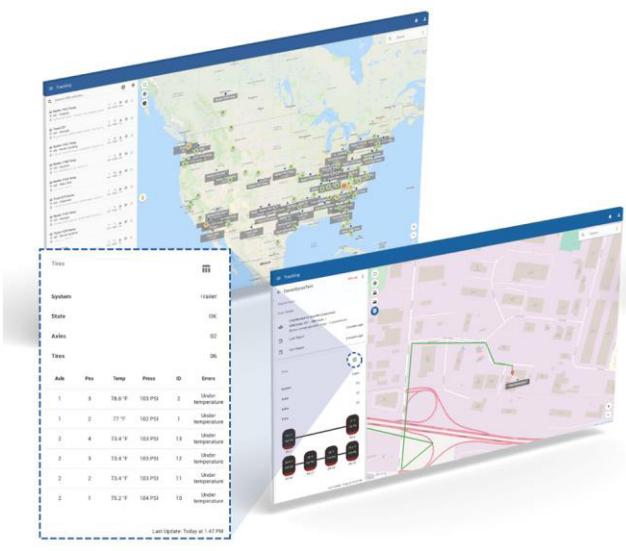
An advanced fleet
management solution
with integrated
tire pressure and
temperature data for
your fleet.





Doran Connect 360™ provides fleet management with actionable data for planning, decision making and predictive maintenance.

This platform includes advanced tracking features, vehicle performance and real-time pressure & temperature data for every tire on every vehicle in the fleet.



- Real-time asset tracking
- Real-time tire pressure alerts
- Real-time tire temperature alerts
- TPMS automated reports
- TPMS alert email notifications

- Trip insights
- Driving metrics
- Data backup for 12 months
- Access to TPMS historical data to create custom applications or reports



The Importance of Monitoring OTR Tire Pressure & Temperature

Maintaining proper tire inflation pressure maximizes the performance of the tire and machine, leading to greater productivity and uptime.

Doran OTR tire pressure & temperature monitoring systems are designed to handle the extreme environmental conditions found in mines, quarries, steel mills, ports, and other applications around the world.

Doran Connect 360™ takes this data from the machine to fleet management any time, any where.



How It Works



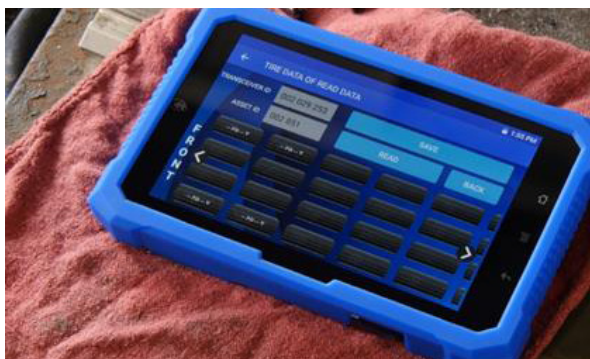
Valve stem mounted OTR tire pressure sensor



Green Means Good™

Doran 360™ OTR tire pressure monitoring systems continuously monitor pressure and temperature with external, valve stem mounted sensors. This data passes through the Doran Connect ECU monitor and gateway for remote visibility.

On the machine, multiple receiving module options are available for in cabin visibility of inflation pressure, critical high temperature and low pressure events.



Multi-function SmartLink™ TPMS Tablet.

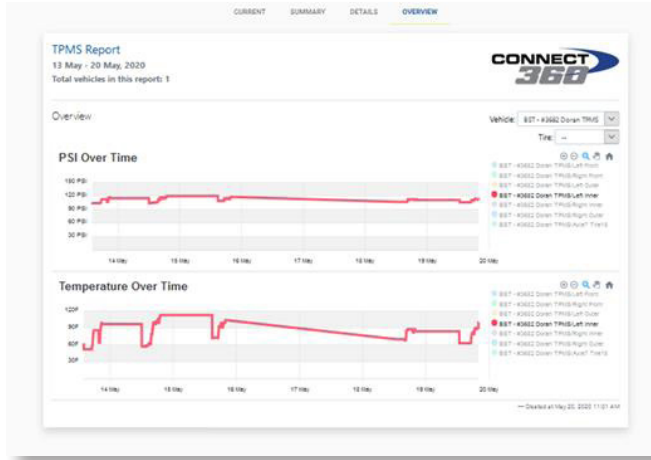


Real-Time Visibility

Doran Connect 360™ TPMS Reports & Alerts

TPMS Reports & Historical Data

Vehicle	Sensor	Status	Alerts	Left Sensor PSI	Right Sensor PSI	Left Sensor Temp	Right Sensor Temp
837 - #105 Doran TMS	08-18-2020	08/18/20 14:47	Sen	105	105	105	105
837 - #105 Doran TMS	08-18-2020	08/18/20 14:48	Sen	105	105	105	105
837 - #105 Doran TMS	08-18-2020	08/18/20 14:49	Sen	105	105	105	105
837 - #105 Doran TMS	08-18-2020	08/18/20 14:50	Sen	105	105	105	105
837 - #105 Doran TMS	08-18-2020	08/18/20 14:51	Sen	105	105	105	105
837 - #105 Doran TMS	08-18-2020	08/18/20 14:52	Sen	105	105	105	105
837 - #105 Doran TMS	08-18-2020	08/18/20 14:53	Sen	105	105	105	105
837 - #105 Doran TMS	08-18-2020	08/18/20 14:54	Sen	105	105	105	105
837 - #105 Doran TMS	08-18-2020	08/18/20 14:55	Sen	105	105	105	105
837 - #105 Doran TMS	08-18-2020	08/18/20 14:56	Sen	105	105	105	105
837 - #105 Doran TMS	08-18-2020	08/18/20 14:57	Sen	105	105	105	105
837 - #105 Doran TMS	08-18-2020	08/18/20 14:58	Sen	105	105	105	105
837 - #105 Doran TMS	08-18-2020	08/18/20 14:59	Sen	105	105	105	105
837 - #105 Doran TMS	08-18-2020	08/18/20 15:00	Sen	105	105	105	105
837 - #105 Doran TMS	08-18-2020	08/18/20 15:01	Sen	105	105	105	105
837 - #105 Doran TMS	08-18-2020	08/18/20 15:02	Sen	105	105	105	105
837 - #105 Doran TMS	08-18-2020	08/18/20 15:03	Sen	105	105	105	105
837 - #105 Doran TMS	08-18-2020	08/18/20 15:04	Sen	105	105	105	105
837 - #105 Doran TMS	08-18-2020	08/18/20 15:05	Sen	105	105	105	105
837 - #105 Doran TMS	08-18-2020	08/18/20 15:06	Sen	105	105	105	105
837 - #105 Doran TMS	08-18-2020	08/18/20 15:07	Sen	105	105	105	105
837 - #105 Doran TMS	08-18-2020	08/18/20 15:08	Sen	105	105	105	105
837 - #105 Doran TMS	08-18-2020	08/18/20 15:09	Sen	105	105	105	105
837 - #105 Doran TMS	08-18-2020	08/18/20 15:10	Sen	105	105	105	105
837 - #105 Doran TMS	08-18-2020	08/18/20 15:11	Sen	105	105	105	105
837 - #105 Doran TMS	08-18-2020	08/18/20 15:12	Sen	105	105	105	105
837 - #105 Doran TMS	08-18-2020	08/18/20 15:13	Sen	105	105	105	105
837 - #105 Doran TMS	08-18-2020	08/18/20 15:14	Sen	105	105	105	105
837 - #105 Doran TMS	08-18-2020	08/18/20 15:15	Sen	105	105	105	105
837 - #105 Doran TMS	08-18-2020	08/18/20 15:16	Sen	105	105	105	105
837 - #105 Doran TMS	08-18-2020	08/18/20 15:17	Sen	105	105	105	105
837 - #105 Doran TMS	08-18-2020	08/18/20 15:18	Sen	105	105	105	105
837 - #105 Doran TMS	08-18-2020	08/18/20 15:19	Sen	105	105	105	105
837 - #105 Doran TMS	08-18-2020	08/18/20 15:20	Sen	105	105	105	105



Sample TPMS Email Alert

CONNECT 360™

From: Connect 360™ Tire Monitoring System
 [mailto:connect360@doranmfg.com]
 Sent: Monday, May 18, 2020 9:09 AM
 To: Ross Ormsby <ormsby_ross@doranmfg.com>
 Subject: General Critical Tire Alerts - Mon May 18 9:08:14 AM EDT – Haul Truck #105 – Critical Low Pressure Alert
Vehicle: Haul Truck #105 - Doran TPMS tire sensor reports Critical Low Pressure on the following tires: Alias: Left Front Axle 1 Tire 1 (85 PSI 21 °C)
The vehicle Haul Truck #105 reports:
Critical Low Pressure
Monday May 18 9:08:14 AM EDT
 Location (Valid GPS signal. Informing current position):
 Traveling speed: 20 mph
 Traveling heading: 0°
 Coordinates: 39.28795,-84.42243

Bluetooth Capability



Founded in 1953, Cincinnati, Ohio based Doran Manufacturing, LLC is recognized as a global leader in tire pressure monitoring systems and other transportation safety technologies.

866.816.7233
www.doranmfg.com

Doran Manufacturing, LLC
 2851 Massachusetts Avenue
 Cincinnati, Ohio 45225