

Digital Tire Monitoring Solutions

Your Challenges at port application



Large fleets and 24/7 shifts keep track of vehicles and usage.



Drivers driving and usage behaviours.



Mixed applications (Pick & Stack, Load & Carry) lead to high stress on tires causing high temperatures in tires.



Autonomous vehicles without human control of tire conditions.



Punctures due to scrap e.g. clamps.

Solution

- » Receive e-mail and SMS alerts or check your tire pressure in the web portal before vehicles leave the depot to help **prevent breakdowns** in operation.
- » Properly inflated tires **save you 1 % on fuel** compared to a tire just ten percent underinflated. Additionally, it increases casing life by up to 20 %.*
- » Monitor tire information of entire fleet in web portal.
- » Get precise information on the tires' temperature to **prevent tire damages and breakdowns**.
- » Ensure **correct inflation pressure** during increasingly high operating temperature. Get system-supported tire information and **save working hours** for manual pressure checks.

*Please refer to the tire manufacturer's load and inflation information to determine the tire's weight capacity and proper air pressure.

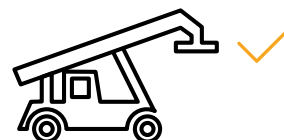
Your Benefits



Increase efficiency



Keep track of your assets



Maximize uptime



Safety

Why Digital Tire Monitoring?

One Example: Savings for a fleet.



1%
increase in
fuel efficiency¹



15 mins.
saving for
vehicle inspection
(195 hours/year)²



15%
longer tread life¹

¹ vs. a tire that is 10% underinflated

² Analysis by Continental based on customer experiences

There are 3 options



Tire Sensors

Mounted onto the inner liner:
measure pressure and temperature
from inside the tire.

ContiPressureCheck™

is the perfect single vehicle solution for monitoring tire pressure and temperature by using one of the following options: **Hand-Held tool, Dashboard display or into their on-board (telematics) system.**

ContiConnect™ Yard

is the solution for multiple vehicles, which regularly return to dedicated checkpoints. The **Yard Reader Station** collects the data of your vehicles wirelessly and transmits it to the ContiConnect™ web portal.

ContiConnect™ Live

is the optimal solution for remotely monitoring the tire pressure and temperature of multiple vehicles in real time – all the time, wherever they may be. It includes the **Telematic Control Unit**. The data is automatically uploaded to the ContiConnect™ Web portal.

Customer Partnership



Continental cooperates with MOL, the Belgian specialist for port tow tractors and trailer solutions.

MOL terminal and RoRo tractors are equipped with intelligent and ex factory installed Continental TerminalMaster sensor tires to monitor tire pressure and temperature. The ContiPressureCheck system transmits these information to the driver's dashboard. In case the tire pressure reaches a critical level a jointly developed safety system brakes the tractor engine or even brings the vehicle to a complete stop.