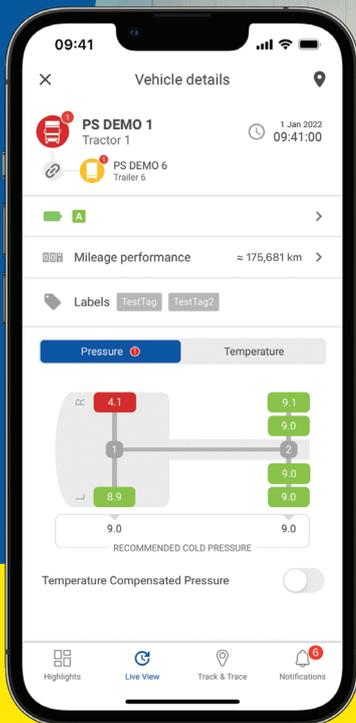


# GOODYEAR TPMS REMOTE TYRE MONITORING



4.1 bar



[GOODYEAR.EU/TRUCK](https://www.goodyear.eu/truck)

**GOODYEAR**

# THE IMPORTANCE OF TYRE AND VEHICLE MONITORING



Tyre and vehicle monitoring are essential parts of fleet management because they help to:



**Maximise uptime and productivity:** Unexpected vehicle stoppages and repairs due to tyre incidents generate high breakdown costs and impact operational output.



**Operational efficiency:** Continuous maintenance of vehicles and their individual components is required, but manual methods incur labour and administration cost and are subject to human error.



**Extend tyre life cycle, reduce costs and improve performance:** Inappropriate tyre pressures and tyre wear can significantly impact tyre performance and operating hours. Poor maintenance leads to shorter tyre life, more frequent renewals, and reduced retreadability.



**Meet sustainability and fuel-efficiency targets:** Under-inflation of tyres or irregular tyre wear can lead to higher fuel consumption and increased CO<sub>2</sub> emissions, a problem that is exacerbated by rising commodity prices and even stricter legislation.



**Improve safety:** A minor tyre issue or irregular tread depth can have a large impact on safety of your drivers and assets.



**Maintain customer satisfaction:** Customer expectations continue to evolve, with on-time delivery models being regularly challenged to also provide safe and in-time transporting.



## **But fleet management is a significant daily challenge for commercial fleets.**

How do you manage servicing, maintain quality, and simplify administrative tasks? How do you keep your trucks on the road and keep your drivers safe – whilst controlling costs?

Some of Europe's largest and most efficient fleets get their answers from **Goodyear TPMS**.

The on-road solution regularly provides you with tyre and vehicle data allowing you to act before you suffer damage or downtime.

# WHAT IS GOODYEAR TPMS?

**Goodyear TPMS** is a connected, data-driven tyre management solution that constantly monitors tyre pressure and temperature to detect under-inflated tyres, air leaks and mechanical issues.

The solution includes a built-in GPS allowing fleet managers to track and trace their vehicles as well as get notified when vehicles leave or enter a predefined geographical area (Geofence).

Combined with our user-friendly mobile and web applications, Goodyear TPMS regularly displays your tyre health allowing proactive monitoring and preventive maintenance of your fleet.

**What about the hardware?** Specifically developed to withstand daily operating conditions, the hardware can be easily retrofitted.

**Goodyear TPMS consists of:**



## RIM-MOUNTED SENSORS

- Constant tyre pressure and temperature monitoring whilst on the road.
- Wireless and battery-powered technology (battery lifetime up to 5 years).
- Durable sensors mounted on the rim.
- Sensors fit all tyre sizes and tyre brands.
- Sensors can be removed and re-installed when the tyre is changed.

## ON-BOARD TELEMATICS UNIT

- On-board router that collects and analyzes tyre and vehicle data (24/7).\*
- Continuous on-road-monitoring and data transfer via mobile network to the Goodyear cloud.\*
- Battery-powered technology allowing the system to work even when the vehicle is unpowered and in parking mode.
- Durable and weather-resistant hardware design (IP69K) to withstand daily operations.
- Fast, easy installation and suitable for many applications.



**Want to know more about  
our tyres for Trucks, Trailers,  
Buses and Coaches?**

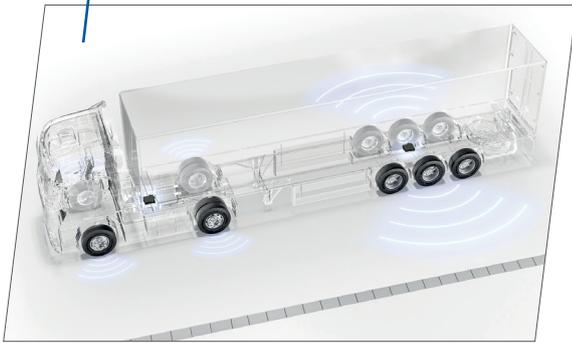
Please visit [www.goodyear.eu/truck](http://www.goodyear.eu/truck)

\* For a continuous data transmission to the Goodyear cloud, a reliable mobile network coverage is required.

# HOW IT WORKS

## STEP 1: ON-ROAD-MONITORING

Rim-mounted sensors constantly collect and monitor the tyre pressure and tyre temperature from each wheel position.



## STEP 2: GOODYEAR CLOUD

The rim-mounted sensor and vehicle data is immediately captured by the battery-powered on-board telematics unit and transferred to the Goodyear cloud.\*

## STEP 3: INTELLIGENT ANALYSIS

Goodyear G-Predict technology, a suite of powerful algorithms, analyses the data and makes it actionable by providing predictive and prescriptive information.



## STEP 4: INSTANT RESULTS

Regular display of your tyre condition and vehicle parameters via the web and mobile applications - allowing proactive monitoring and preventive maintenance of your fleet.

## FEATURES & FUNCTIONALITIES:



**TYRE  
PRESSURE**



**TYRE  
TEMPERATURE**



**GPS LOCATION  
& GEOFENCING**



**MILEAGE  
PERFORMANCE**



**REMOTE DATA  
ACCESS (24/7)\***



**ALERTS &  
REPORTS**



**PREDICTIVE &  
PRESCRIPTIVE DATA**

\* For a continuous data transmission to the Goodyear cloud, a reliable mobile network coverage is required.

# INSTANT ACCESS TO YOUR FLEET

WHETHER YOU NEED UPDATES ON YOUR MOBILE OR DATA  
ON YOUR DESKTOP, GOODYEAR TPMS KEEPS YOU INFORMED

## GOODYEAR FLEETHUB – WEB AND MOBILE APPLICATION YOUR FLEET AT A GLANCE

-  **ONE DASHBOARD:** One dashboard providing you with an instant overview of your fleet's condition.
-  **VEHICLE DETAILS:** Access your fleet's tyres and vehicle details. Identify which tyre is affected and follow up on the vehicle mileage performance.
-  **INTELLIGENT ANALYSES:** Receive predictive and prescriptive information allowing you to take the right actions.
-  **CUSTOMIZED REPORTS AND ALERTS:** Get notified and receive alerts when a tyre needs urgent maintenance, allowing you to manage your fleet your way.
-  **TRACK & TRACE:** Track your vehicles and coordinate your daily business. Monitor your fleet by defining geographical areas (Geofences).

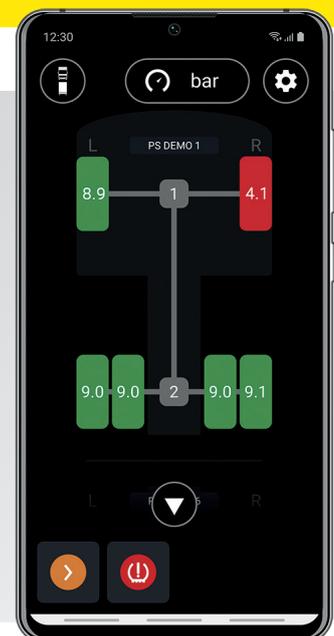


The Goodyear Applications and Web Portal are currently available in 8 languages.



## GOODYEAR DRIVERHUB – MOBILE APPLICATION INSTANT ACCESS TO YOUR VEHICLE DATA

-  **ONE APP TO ASSIST YOUR DRIVERS:** Specifically tailored to drivers, the app continuously provides information on the vehicle's tyre condition.
-  **KNOW WHAT IS GOING ON:** Alerts and notifications immediately inform you if a change in tyre pressure and/or temperature is detected. By identifying which tyre is affected and the degree of urgency the right actions can be taken.



# BENEFITS AND ADVANTAGES\*



Optimised tyre and vehicle maintenance.



Reduced vehicle downtime and reduced breakdown costs.



Reduced manual interventions and labour costs.



Extended tyre life, improved performance and increased retreadability.



Improved fleet management.



Reduced fuel consumption and CO<sub>2</sub> emissions.



Locate your vehicles, prevent unauthorized movements or theft.

## Goodyear TPMS supports your safety, it helps to:

- Avoid incidents by monitoring and maintaining the tyre pressure of your vehicles.
- Keep your employees, drivers and assets protected by maintaining safe conditions.
- Maintain compliance with safety regulations.

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find out  
more.

v3.2

\*These benefits and advantages can be experienced by Goodyear customers but are not guaranteed. The benefit realisation depends on proper preventive maintenance based on the information provided by the solution.

**GOODYEAR**