WELCOME TO PEACE OF MIND

WABCO OptiTire™ is the next generation tire pressure monitoring solution for trucks, trailers and buses that is specifically designed to reduce fleet running costs and improve fleet safety.

REDUCE DOWNTIME, EXTEND TIRE LIFE

Ensuring the right tire pressure with tires being a premium commodity isn't an option. An official study* estimated that over 30% of truck breakdowns were caused by tire failure. Further research studies** reveal that just 15% over or underinflation can reduce the life of a tire by more than 10%.

Because an underinflated tire is more likely to suffer from sustained heat build-up and cause terminal damage to the carcass, WABCO OptiTire helps to maintain tire pressure at the recommended level and to detect slow punctures early. This helps to maximize tire life and allows tires to be repaired rather than replaced.

CUT FUEL COSTS, MINIMIZE CO₂ EMISSIONS

It's a well known fact that fuel is the largest variable cost for fleet operators and with diesel prices more frequently going up than down, fuel economy is of paramount importance.

In fact, the greater the rolling resistance of underinflated tires, the greater the decrease in fuel economy – not to mention the greater the increase in CO₂ emissions. By ensuring the right tire pressure, WABCO OptiTire delivers both fuel savings of up to 2% and a significant reduction of CO₂ emissions.

REDUCE RISK, ENHANCE FLEET SAFETY

Incorrect tire pressure is dangerous. Above and beyond a deterioration in vehicle handling and extended braking distances, the risk of sudden tire failure is considerably higher in a vehicle with incorrectly inflated tires.

WABCO’s OptiTire helps maintain tire pressure at the recommended level, significantly enhancing fleet safety.

OptiTire helps to avoid underinflation, leading to fuel savings of up to 2%**

VEHICLE DOWNTIME

Tire defects are the most frequent reason for commercial vehicle downtime*

Around 85% of tire pressure losses start with a small leakage that could be detected with OptiTire

FUEL EFFICIENCY

A constantly 17% underinflated tire leads up to 1,400 liters increase in fuel consumption for long haul applications (200,000 km annual mileage)

TIRE LIFETIME

A deviation of 15% from the recommended tire pressure leads to a reduction of tire lifetime of over 10%**

*Source: Allgemeiner Deutscher Automobil Club, 2011 **Source: Michelin
WABCO OptiTire is designed to work across a spectrum of commercial vehicles.

Valve-mounted, WABCO OptiTire internal sensors provide a continuous correlation between tire temperature and pressure to improve reliability. The external sensors provide precise information on tire pressure and enable a particularly easy retrofit as the tires aren’t removed from the rim during installation.

WABCO OptiTire delivers to the drivers continuous updates on tire pressure and temperature (internal sensors) from each monitored wheel. The info provided via a dashboard or a dedicated WABCO display, gives constant reassurance that each tire is performing exactly as it should be.

Thanks to Transics TX-TRAILERGUARD telematics, WABCO OptiTire can even deliver tire performance information directly to fleet depots, allowing them to schedule maintenance as and when required, and support to drivers on the road.

WABCO OptiTire’s wireless technology - together with its easy integration with existing systems - means that a retrofit can be completed as part of the vehicle’s standard maintenance.

**TIRE PRESSURE SOLUTIONS FOR A WIDE RANGE OF VEHICLES**

**FLEXIBLE OPTIONS, A QUICK AND EASY RETROFIT**

Suitable for both internal and external sensors, WABCO OptiTire is smart and flexible enough to monitor a motor vehicle equipped with internal sensors and a towed vehicle with external sensors (and vice versa).

OPTITIRE SYSTEM TRUCK

CAN Connection

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**OPTITIRE SYSTEM TRAILER**

CAN Connection or Radio Frequency

Transmission from Trailer to Truck ECU

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WABCO OptiTire’s wireless technology - together with its easy integration with existing systems - means that a retrofit can be completed as part of the vehicle’s standard maintenance.
OPTITIRE BENEFITS

• Lower fleet running costs
• Helps to maximize tire life
• Reduced breakdowns and downtime
• Up to 2% fuel saving
• Reduced CO₂ emissions
• Improved fleet safety
• Less risk of blowouts
• Quick and easy retrofit
• Improved maintenance predictability
• Trusted and approved by leading OEMs

OPTITIRE FEATURES

• Full Truck- Trailer solution
• Early pressure and temperature deviation warnings
• Wireless wheel module operation
• Long-life batteries (up to 9 years)
• Easy transfer to other wheels or vehicles
• Backward compatibility with IVTM™
• Compatibility with WABCO SmartBoard and WABCO Trailer Electronic Braking System
• Compatibility with major Truck OEM dashboards
• Integrates with TX- TRAILERGUARD telematics

SUPPORTING FLEETS TO OPERATE SAFELY AND EFFICIENTLY

WABCO (NYSE: WBC) is a leading innovator and global supplier of technologies that improve the safety and efficiency of commercial vehicles. Founded nearly 150 years ago, WABCO continues to pioneer breakthrough products and systems for braking, stability, suspension, transmission automation, and aerodynamics. Today, all of the world's leading truck, bus and trailer manufacturers have WABCO technologies onboard. In addition, WABCO provides the industry with advanced fleet management solutions and aftermarket services. WABCO reported sales of $2.9 billion in 2014. The company is headquartered in Brussels, Belgium, and has 11,000 employees worldwide. For more information, visit:

www.wabco-auto.com