

Improved safety and comfort with IVTM

Careful hauliers have insurance to cover recovery in the event of a flat tyre. If the vehicle breaks down, the driver only needs to wait for the service vehicle to arrive and repair the damage.

Time lost, stressful rescheduling of loads, angry customers due to delays – these are the side effects of a breakdown that, generally, can not be resolved by an insurance policy. It is much better to prevent breakdowns through precautions, thereby also reducing the risk to driver, vehicle and other road users.

Effectively avoid breakdowns with IVTM

While the vehicle is in motion, IVTM monitors all wheels and warns the driver when there is a pressure loss. Since around 85% of all punctures are caused by driving with wrong air pressure or creeping pressure loss while in motion, risk of tyre burst can be reduced down to 15% thanks to IVTM.

Cost savings due to reduced fuel consumption and extended life of tyres

IVTM helps to complete these tiresome tyre pressure checks and to save time. The pressures of all wheels on the tractor-trailer combination can be retrieved by the driver on the in-cab display. When there is too little air, only the pressure in the wheel indicated needs to be corrected. This means that the driver can keep the tyre pressures at the correct levels, increasing the service life of the tyres and reducing fuel consumption.

Use our [Return-On-Invest calculator](#) on the Internet to compute the potential cuts in costs for your particular vehicle fleet.



Illustration: Display, ECU and wheel module

Even better safety with the wheel modules of the second generation

Every wheel module is permanently connected to a wheel and transmits tyre pressure data to the IVTM ECU via radio. Specific measures have been implemented together with the new wheel modules to extend the service life of the installed batteries to 6 to 9 years. The system has been made significantly more reliable due to improved behaviour at temperatures as low as -40°C as well as the system sending a signal announcing the end of battery life.

IVTM can easily be retrofitted

IVTM is unrivalled when it comes to monitoring tractor-trailer combinations with up to 28 wheels. In this regard the modules can be adapted to any vehicle type. Trailers can be towed by alternating towing vehicles. The tyres need not be taken off the rim for retrofitting because the wheel module is fitted onto the rim together with the wheel nuts and is connected to the tyre valve by means of a polyamide tube.

Find out more about IVTM in the [System Description](#). Speak to your WABCO partner about IVTM!