

**Working smarter with your trailer tyres**



**TPMS + cellular connectivity + artificial intelligence = TyreWatch predictive tyre management**

## TyreWatch TrailerSmart

TyreWatch TrailerSmart is a predictive tyre management system engineered to work exclusively with your fleet of trailers. Designed to deliver the full protection of our TyreWatch system in a stand-alone package for trailers pulled by many different HGV tractors, whatever brand of tyres you run.

TyreWatch TrailerSmart will work hard to ensure your goods are delivered to schedule, will maximise the service life of your tyres, and will minimise carbon emissions and fuel consumption through reducing rolling resistance.

TyreWatch is the market-leading real-time tyre monitoring system, enjoyed by commercial vehicle fleets across Europe since 2015.



## How it works

### TyreWatch TrailerSmart

- Engineered to work with existing, new and retread tyres of any brand
- Sensors are securely mounted to the internal wheel rim or externally as valve dust caps
- Works everywhere using cellular connectivity to communicate with the TyreWatch server
- The LED warning light is clearly visible in the driver's door mirrors

### The TyreWatch server

- Continuously analyses your tyre data using artificial intelligence
- Real-time trends are identified enabling reactive maintenance and urgent warning alerts
- Easy access on all devices – shared with your tyre service provider to minimise management time
- White-label integration with third-party telematic platforms



## Designed and engineered for your trailers

We understand that your daily challenge is to deliver your goods on time, every time.



TyreWatch TrailerSmart is engineered to help you achieve this challenge – as your trailer tyres remain the most common cause of avoidable roadside failure. Using artificial intelligence created by industry leading professionals, any tyre problems are detected right from the off, before they become obvious at daily visual inspections and scheduled maintenance.

### Stay one step ahead with routine maintenance

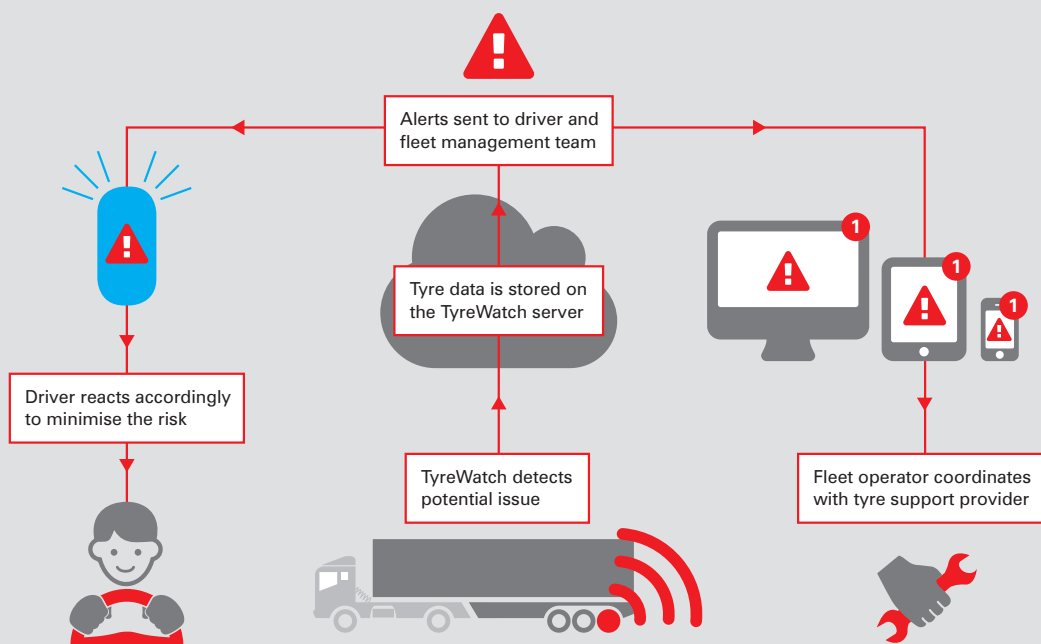
With accurate tyre pressure reports, your maintenance team need only correct those requiring attention – we call this digital servicing by exception. Should this escalate into a slow puncture, a prediction of the time to critical is remotely reported enabling repair in scheduled downtime. Saving you time and money.

### Predict and prevent potential tyre failure

If TyreWatch TrailerSmart detects rapid pressure leakage or high temperature it generates an urgent stop alert – automatically delivered by email, SMS and to the trailer warning light. The driver can choose where to stop safely in full-control of the vehicle – preventing roadside failure, improving road safety for everyone and potentially saving the tyre.

Trust TyreWatch TrailerSmart to help you achieve your daily challenge.

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## The Business Case

There are typically around three trailers to every HGV tractor, reflecting the need to maximise the drivers' productivity, encouraging drop and hook logistics.

Some companies choose to purchase their fleet of trailers and contract with third party tractor owners or hauliers to deliver their goods.

TyreWatch significantly reduces the risk for third party tractor owners or hauliers – who as the Operator Licence holder remain responsible for road safety.

Trailers are commonly the poor relation in daily visual inspections, where drivers tend to focus their attention on the HGV tractor, resulting in problems with trailer tyres going unnoticed.

**80%** of fleets are running tyres at incorrect pressures  
Freight Industry Research

**40%** of HGV accidents are due to tyre failure  
The Department of Transport

**95%** of tyre-related breakdowns prevented  
TyreWatch.com

### You can rely on TyreWatch TrailerSmart

TyreWatch predictive tyre management works seamlessly to:

- Continuously monitor and analyse your trailer's tyres
- Inform you of routine maintenance requirements
- Predict and prevent potential tyre failure

Additionally, it will:

- Maximise trailer uptime
- Improve road safety for everyone
- Increase tyre service life
- Reduce carbon emissions and the HGV tractors fuel consumption
- Optimise tyre maintenance



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