



In tune with customers' individual needs

Focusing on Core Business

Emphasis is shifting to individually adapted, results-driven solutions.

As part of its 'Vision 2030' strategic program, Continental is focusing on adopting a consistently customer-centric approach. One of the keys to achieving this is 'servitization', i.e. a growing range of services to complement the products. This allows the technology company to cater to the various customer segments even more effectively.

The objective is an entire ecosystem of comprehensive tyre services designed to enhance customer benefit. Continental has

already successfully demonstrated in pilot projects the added value to be gained from smart, digital tyre solutions that give a major boost to safety and productivity at the same time as lowering costs.

In the process, the product itself almost fades into the background, with availability and intensity of customer use coming to the fore instead. In its capacity as a complete solution provider, Continental seeks to deliver results and thereby ensure immense customer satisfaction.

The ContiConnect™ system enables fleet managers to keep an eye on every tyre and carry out specific checks on them. This type of service will become increasingly important in the future as fleets are going to increase in number and size. Services are therefore being developed to ease the tyre-related workload, allowing fleets to focus on their core business.

In so doing, Continental is meeting its customers' need for individually adapted solutions. The product development team

strives to make increasingly nuanced data available and keep enhancing the range of fleet services on offer. This involves always asking the same questions: what task does the customer perform? What are the relevant key figures? What are the products and solutions that Continental can offer?

System Offering Added Value

The ContiConnect[™] digital tyre management system offers haulage and fleet companies a modular product that can be individually tailored to their specific needs. The system seeks to maximise a fleet's cost effectiveness in order to successfully withstand cost pressures, while also driving fleet digitalization and connectivity as well as predictive maintenance.



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"Artificial intelligence and data connectivity will be of crucial importance for cost effectiveness in the field of transport logistics."

Bernd Klotz, Managing Director of haulage company Spedition Klotz

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"With ContiConnect™ 2.0 we are taking the next step towards predictive

Paul Broker, Fleet Engineering Director at G.Webb Haulage

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"A digitalised fleet enables you to plan ahead when it comes to maintenance and servicing and that makes it an effective tool for cutting CO₂ emissions and looking after resources, while also increasing

operational safety and **Sustainability**."

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"Our collaboration is rooted in an innovative concept that points the way forward to sustainable mobility in the future - to **new torms** of mobility."

Steen Herløv Andersen, Operational Manager SHARE NOW Denmark

ANNIKA LORENZ, HEAD OF FLEET SOLUTIONS AT CONTINENTAL TYRES GERMANY



Cost Effectiveness





Since July 2022, this standard requirement that has proven its worth over many years in the passenger car sector also affects commercial vehicle workshops and fleet operators.

According to the European Union's General Safety Regulation that came into force in July 2022, heavy commercial vehicles such as buses or trucks and their trailers must be gradually equipped with TPMS (tyre pressure monitoring system) sensors. This initially applies to all new vehicle types (new homologations), before being extended to all new commercial vehicles that leave the factory from 2024. In early 2022, Continental already added TPMS Update Plus Transport to its

commercial vehicle service portfolio to enable tyre pressure monitoring and maintenance of tyre pressure monitoring systems on both tractor units and semitrailers.

"The transportation industry is facing many changes in the coming years," explains Filip Kevilj, Product Manager for Diagnostics and Service Devices at Continental. "As a partner with a great deal of experience with both tyres and service devices, Continental is keen

to give workshops every help it can during this transformation."

Convenient and always up-to-date

The TPMS Pro testing and programming device enables commercial vehicle workshops to perform customised tyre servicing for commercial vehicles safely and easily. However, the TPMS Update Plus Transport database extension can do more than simply activate and test TPMS sensors. "The service

device can store and manage up to twenty six wheels per commercial vehicle as well as allowing flexible axle and tyre configurations, even with twin tyres," adds Filip Kevilj. Thanks to radio frequency (RF) technology, all the sensor data for twin tyres can be obtained in one quick step.

Given the tyre pressure situation as it was, plus the high fuel consumption we were seeing and the relatively low mileage of the tyres, I set out to find a system that was easy to operate and check, and which helped me to keep my fleet of vehicles on the move. With ContiConnect™ on our 120 trailers the number of on-the-road punctures each year has been cut by two thirds and our service to customers has therefore improved significantly. The lifespan of the tyres has been extended by 20 percent and maintaining the correct tyre pressures has brought down fuel consumption by an average of 0.5 litres per 100 kilometres. We are very happy with the system. The promised levels of performance have been achieved and we have been able to reduce our fleet costs substantially. And we already achieved a return on our investment in the second year of use. This is a win-win investment as far as I'm concerned."

Peter Eggers, Managing Director of haulage company Eggers Spedition GmbH

Haulage company Spedition Eggers
Hildesheim (Germany)

80 vehicles, 120 trailers Goods carried: food and animal feed Five questions for Dr. Christian Lerner, Vice President Connected Tyre - Technologies & Analytics at Continental.

What is tyre management all about?

Using sensor technology and data transmission, we integrate the tyre into the overall vehicle network to allow fleet operators to make the right decision at the right time, so when to replace a tyre, for instance, and combine that with other upcoming vehicle maintenance work. We provide the relevant information and an overview of the fleet's general

status in the form of any necessary alerts and graphical summaries.

And why does this matter so much?

Tyres are consumables and generate considerable costs. Mileage and lifespan have a major economic impact. Rolling resistance affects fuel consumption, while worn tyres are more susceptible to tread punctures, resulting in breakdowns and downtimes. Checking tyres, however, requires a lot of personnel resources. Tyre management systems such as Conti360° Solutions are able to take over this entire task, allowing fleets to focus on their core business.

How is the data recorded?

Using sensors on the vehicle or inside the actual tyre. While tyre-

mounted systems are costlier, they have increased capabilities and are more accurate. A wealth of reliable data is needed for optimum tyre management, so we combine the two solutions. Besides this, more and more data is available about the tyre itself thanks to things like QR codes on the sidewall or RFID chips inside the tyre.

What is all this data needed for?

We use it as a basis for developing services that increase fleets' efficiency. Brand new business models are quite conceivable here: for example, instead of selling tyres, a fee could be charged for using them when the truck is actually on the road. But that would only work once we are able to reliably eliminate many different influencing factors.

What is Continental conducting research into for the future?

however, requires a lot of personnel resources. Tyre management systems such as Conti360° Solutions are able to take over this entire task, allowing fleets to focus on their core Load fluctuations, uneven wear and individually specified tyre pressures are all intriguing topics. We are expecting further progress to be made here with regard to optimising tyre usage and minimising environmental impact.

"Monitoring and predictive maintenance are set to play an important role in the transport industry in future."

> SVEN WILHELMSEN. HEAD OF PRODUCT MANAGEMENT DIGITAL SOLUTIONS AT CONTINENTAL TYRES GERMANY





On an upward trend

The Big World of Tiny Sensors

It's difficult to imagine cars and trucks without sensors now, and they could soon be finding their way into vans too.

From turning assistant and collision warning features to airbags and tyre pressure monitoring systems, sen-sors now form a crucial part of the equipment fitted in vehicles today. Previously, sensors were mostly used for the powertrain and chassis. Over recent years, the range of applications for these miniature devices has expanded rapidly in line with the growing need for safety and comfort. And this trend is set to continue in light of the increasing number of assistance systems and the advent of automated driving.

In-house sensor technology expertise

Continental has amassed decades of experience in the development and manufacture of sensor technology. A vast number of software engineers apply their expertise to keep increasing sensor performance and precision.

Direct and indirect sensors

Tyre pressure monitoring systems (TPMS) work using either indirect or direct tyre sensors. Direct TPMS systems use pressure and temperature sensors that are fitted in each individual tyre and are in direct contact with the air inside the tyre. They measure physical parameters in real time and relay them to the control unit in the vehicle or the Continental cloud. Pressure is measured with a

resolution of 0.1 bar or even less. This enables the tyre sensors to detect small variations in pressure or temperature very quickly, indicate a value deviation and trigger an alarm. The sensors are either connected directly to the inner side of the tyre or positioned on the wheel rim near the valve and attached to it. The sensors are powered by batteries, so they typically keep working for the duration of a tyre's service life and beyond.

Indirect TPMS sensors, on the other hand, work by reqistering changes to the wheels: if tyre pressure is too high or too low, the tyre's properties while rotating will also change. For example, there might be an increase in rotational speed due to the tyre's rolling radius decreasing as its internal pressure drops. The vibration behaviour of the tyre casing likewise changes as a function of tyre pressure. The vehicle electronics use the speed sensors on the four wheels to detect these changes and notify the driver that there must have been a change in tyre pressure.

From an overall point of view, direct TPMS systems offer greater potential as the pressure and temperature data they provide paves the way for active tyre management. For this reason. Continental favour the use of direct TPMS sensors.



Using Real-time Data as a Basis

Digital solutions are key to the digital tyre management of tomorrow.

With ContiConnect™ Live and its integration into OEM systems we are making further advances in the field of digital tyre management. The ContiConnect™ Driver

App enables fleet managers to integrate digital tyre monitoring into the existing vehicle hardware via the open-platform Mercedes-Benz Truck App Portal - all whilst in their office and while the truck is on the road.

Tyre parameters in real time

ContiConnect™ simultaneously relays the real-time data from the tyre sensors to the telematics system display in the driver's cab, to the fleet manager, as well as to the Conti360° Solutions backend. This makes sure that all essential tyre parameters are sup-plied to our customers in real time so that they can take immediate action in the event of anomalies or other problems.

Transparency and efficiency

This data transparency is a crucial factor in the successful implementation of efficient fleet management. Optimised fuel consumption, fewer punctures and a long tyre service life are all of key importance for our customers.

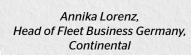
Intelligent fleet connectivity

Integrating the ContiConnect[™] Driver App into the Mercedes-Benz Truck App Portal platform provides our customers with another tool for keeping their fleet intelligently connected. The fleet manager can simply select the ContiConnect™ Driver App from the Mercedes-Benz Trucks portal and then use the tyre monitoring system via the existing

in-cab display without the need for any additional hardware. The Mercedes-Benz Truck App Portal is a digital marketplace that al-lows trucks to be individually equipped with comfort- and efficiency-enhancing apps. The result is improved, intelligent connectivity between vehicle, trailer and infrastructure using a wide range of different solutions, plus the ability to capitalise on the potential for improvement with the help of apps for a trucker's daily routine.

Vehicle tracking makes scheduling easier

ContiConnect[™] Live makes it possible to track the location of every vehicle. This gives certainty, makes vehicle scheduling easier and optimises our customers' internal processes.







Digitalisation - communications in the world of mobility

Connected Vehicles

Vehicle to vehicle, vehicle to traffic lights, vehicle to its environment: autonomous driving will only become an everyday reality with the help of connected car technology, taking the Internet of things to a whole new level. This will convert the automotive industry into a mobility service provider and vehicles into communication nodes.



Mobility transformation driven by interaction

Safe, free-flowing traffic is key to economic growth and prosperity. In future, traffic must and will be intelligently connected. Vehicles are becoming smarter all the time thanks to digitalisation, while interaction between the various modes of transport and the infrastructure has a major role to play in transforming mobility.

Solutions for greater safety

The global connectivity brought about by the digital revolution is highlighting solutions for the transport industry that combine greater safety, conservation of resources, mobility, growth and sharing in that growth. Exchanging information, communicating and using telematics will be of vital importance for the future of the car and traffic in general.

New mobility service providers

It is impossible to say what traffic connectivity will look like 20 years from now, but exchanging information and communicating will without doubt play a prominent role. Technical innovations will lead to further improvements in terms of vehicle safety, efficiency and comfort. The automotive industry will become a mobility service provider.

Mobility as an assistant

In-vehicle information and communication systems and connectivity between the various modes of transport, road traffic and infrastructure are both key issues for the automotive industry. Vehicles will be turned into communication hubs for connected mobility.

Henry Kuhle, German Association of the Automotive Industry (VDA) Head of Coordination Unit for Connected and Automated Driving

Vehicle-to-X

Vehicle-to-X (V2X) communication refers to communication between one vehicle and another (vehicle-to-vehicle or V2V) and communication between vehicles and the infrastructure (vehicle-to-infrastructure or V2I). such as traffic lights or other traffic management systems. This brings benefits when searching for a parking spot or alerting drivers to hazards along the route, such as snow, the end of a tailback or accidents.

Vehicle-to-X communication enables the vehicle to gather traffic information - for instance on traffic light phases or roadworks - in a fraction of a second and instantly process it.

Sensor Technology -**Today and Tomorrow**

Niklas Vauth in his role as Group Leader Product Development & Operations and Sven Wilhelmsen as Head of Product Management Digital Solutions form part of Continental's team of sensor technology experts. The two cast an eye on the future and explain where things are heading for sensors in automotive applications.

Continental brought out its second generation of tyre sensors in 2022 with the upgraded ContiConnect™ 2.0. What technical advances have been made compared to the first generation?

Niklas Vauth: First of all, there is the Bluetooth functionality that now connects our sensors directly with our customers' smart

> devices, allowing tyre inspections to be carried out even more efficiently. Then there



is the update function, which will enable us to provide customers with added features in future. Our development team has also implemented a Mileage Estimator function that indicates a tyre's remaining mileage, regardless of GPS and odometer data. This is the next step towards offering additional relevant data to complement tyre pressure and temperature.

What are the benefits to customers of the tyre management system and the upgraded ContiConnect™ 2.0?

Sven Wilhelmsen: The pressure and temperature data helps our customers to optimise tyres for day-to-day operation. The tyre mileage information will, for the first time, enable our customers to monitor a tyre's performance throughout its lifetime. The physical tyre is therefore turned into a digital image that makes costs more transparent and identifies potential for improvement.

Where are things heading for tyre sensor development?

Niklas Vauth: Besides the current launch of the second-generation sensors, our development team is already working on a variety of further innovations. Firstly, further software updates to the current sensor will enable us to provide more accurate information on tyre wear in future. In addition to this, we are continually investigating the pos-sibilities offered by new wireless commu-nication technologies and how to prepare power supply for the increasing amount

of computing power required. And, using a little imagination, what's to stop the tyre itself from becoming one large black sensor in future? There are exciting times ahead!

So far. ContiConnect™ has been used in the commercial vehicle sector. Could the digital solutions provide an answer for passenger cars too?

Sven Wilhelmsen: ContiConnect™ 2.0 now comprises of car and truck tyres all the way up to large industrial tyres. It therefore provides our fleet customers with a comprehensive portfolio of solutions. For example, we have been testing out electronic and software products for the digital age of car tyres together with our partner Share Now for some time now (see article on page 25). Plus, there is the trend of new transport concepts using different types of vehicle, e.g. for lastmile delivery. →

Sven

Wilhelmsen



For which classes of vehicle are tyre pressure monitoring systems already a legal requirement?

Sven Wilhelmsen: Tyre pressure monitoring systems have been mandatory for all new vehicles in the passenger car segment since 2014. The commercial vehicle market followed suit in July 2022, making them compulsory for all new type approvals. And from July 2024, the same will apply to all newly registered trucks, buses and trailers. This is sure to give further impetus to digitalisation of the tyre industry in Europe.

How much scope is left for developing the hardware? Will sensors basically retain the same form they have today? Will they get any smaller?

Niklas Vauth: For years now, electronics and sensor technology has clearly been decreasing in size in both the private and industrial sector. At the same time though, customer requirements are also changing. For instance, larger smartphones account for the majority of the market rather than smaller units. And we can see a similar trend emerging with tyre electronics. As chips become smaller and smaller, the possibilities for registering and processing far more data are also increasing. With our second generation of sensors, we therefore succeeded in maintaining the size while increasing the range of functions several times over by adding another chip.

Is sensor production affected by the shortage of chips, or has it been? How did Continental tackle this situation?

Niklas Vauth: We, like all other companies, are also feeling the consequences of the fragile supply chains in certain product categories. So far, there have been no major supply shortages affecting sensor production in particular. This is largely down to the fact that we are currently in the process of switching from the first sensor generation to the second, so component availability had already been planned and guaranteed a long time in advance.

Can you see any other future uses for sensors in the transport and logistics industry?

Niklas Vauth: That's a very interesting question. We have seen a large number of new types of sensor being developed and sold in recent years. The question we should be asking, however, is: is it possible to draw direct or indirect conclusions from the data already available today with the skillful use of analytics and artificial intelligence? Conclusions about the amount of wear in individual components, for example. In this regard, monitoring and predictive maintenance will continue to play an important role in the transport industry in future. The past two years have clearly shown what happens when closely integrated supply chains break down due to unforeseen events.

"Efficiency, awareness and sustainability have long since become vital competitive factors for transport companies. Consequently, low-rolling resistance tyres already form part of the basic specification in many fleets. These days, though, we are looking for more - namely, sustainability throughout a tyre's life cycle."

> RALF BENACK, HEAD OF 360° SOLUTIONS AT CONTINENTAL TYRES GERMANY





The term 'green logistics' is used to refer to a whole host of aspects and measures designed to make the transport and logistics industry more sustainable. They include green fleet management with smart tyre management.

Environmentally and economically efficient

Although climate and environmental protection do not form part of a logistics company's main purpose, environment is certainly considered to be a basic condition for the core service provided. 'Green logistics' and environmentally efficient transportation for the client are becoming an increasingly important priority in the transport and logistics industry, yet, at the same time, mounting cost pressures are restricting the capacity to implement the necessary measures.

The industry as a whole is coming under tremendous economic pressure due to the relatively unspecific and easily substitutable nature of its product, "transport". Profi

margins are tight, price battles a daily occurrence. Haulage contractors and other transport companies are nevertheless also obliged to reduce their carbon footprint and lower their CO₂ emissions.

Legal framework

The UN Framework Convention on Climate Change, EU regulations and national legislation such as Germany's Federal Climate Protection Act provide the legal framework for sustainable processes in logistics. Increasingly, however, it is the companies themselves who decide to incorporate sustainability goals into their corporate philosophy. This is motivated not just by evironmental

reasons, but also economic and social considerations. The days of sustainability being incompatible with cost effectiveness are long gone.

Holistic green logistics

So far, many fleet operators have seen a switch to alternative drive systems as holding the key to a more sustainable fleet. However, industry experts also highlight other aspects: digitalisation of processes, emissions reduction, fuel savings, resource-efficient driving and driver training, optimisation of transported loads and optimised trip planning.

Green logistics with Continental

Tyre manufacturer and solutions provider Continental has combined its portfolio for green fleet management into the Conti 360° Fleet Solutions service package – a professional all-encompassing service for tyres that is in touch with customers' needs, with a modular structure to cater to the diversity of the logistics industry. All with the aim of lowering emissions, conserving resources and allowing everyone to run a green fleet.



Targeting Sustainability

Logistics service providers along with industrial and commercial enterprises have been establishing sustainability as part of their corporate strategy for a long time now. By Prof. Ulrich Müller-Steinfahrt.

These companies set themselves clear goals. often with 2030 at the end of the timescale and focusing on making the entire company carbon neutral. Some have allowed themselves an even shorter time frame. including Siemens, Bosch, Hella, Aldi Süd, Kühne&Nagel and DB Schenker. In the logistics sector, large and medium-sized businesses alike are highly committed in their pursuit of sustainability. Around 65 percent of the 30 largest logistics service providers publish their own sustainability reports. They frequently take their cue from the three pillars of sustainability: environment, economy and the social side.

Business comes down to price

Although customers often look for sustainability activities or carbon-neutral transport services when choosing a logistics company, they are generally rather unwilling to pay the corresponding increase in price. Being able to boast a low carbon footprint and use product sustainability as a selling point is great, of course, but the strained economic situation makes it difficult to implement the necessary measures.

Climate protection and efficiency improvements

Logistics providers and haulage companies therefore tend to adopt measures for improving climate protection that also increase the efficiency of their own processes, such as transport logistics, and help to cut costs. Social aspects for boosting employee retention - particularly the limited number of logistics specialists, including drivers - is also a crucial consideration.

Pool of green logistics measures

Although it is often primarily environmental sustainability that is addressed under the ban-ner of green logistics, many companies take a much broader and holistic approach to the issue of sustainability, just as we do at the "Sustainability" focus group of the German Logistics Association (BVL). When it comes to sustainable transport logistics, large fleet operators in particular see a switch to alternative drive systems as the solution. The focus is on zero-emission vehicles, especially electrified vehicles and, looking further ahead, hydrogen drive systems. Our focus group carries out a holistic examination of the measures companies could deploy to make their logistics operations sustainable. We have developed a wide-ranging pool of

best practice measures, some of which deal with how to achieve 'green' transport logistics. This includes aspects such as saving fuel by means of resource-efficient driving and driver training. Optimisation of transport capacity utilisation using data-based prescheduling methods, optimised dynamic trip planning, digitalisation of processes with emissions savings, as well as new collaborative approaches such as fleet sharing schemes and jointly making maximum use of capacity through data transparency are all already being successfully implemented.

Digitalisation as a lever

Digitalization especially is a key lever for making logistics more sustainable. This includes replacing shipping and customs documents with digital solutions. The BVL has developed a digital delivery note for this purpose as part of another focus group in collaboration with GS1. Real-time tracking of both shipments and transport vehicles in order to optimise capacity utilisation is an equally important aspect to consider.

"Digitalisation is a key lever for making logistics more sustainable."

Prof. Ulrich Müller-Steinfahrt Head of the Institute for Applied Logistics at Würzburg University of Applied Sciences, Professor of Logistics and Supply Chain Management, Sustainability Officer at Würzburg University of Applied Sciences, leader of the "Sustainability" focus group of the German Logistics Association (BVL)



Our large-volume transports cover a lot of unsurfaced ground at construction sites, which means we are no strangers to tyre damage. With ContiConnect™ we can see in real time if the tyres are in good shape and react immediately if the pressure or temperature of the tyres changes. For us it's very important that ContiConnect™ Live can be integrated problem-free into our telematics and that the driver can monitor tyre pressures while on the move. A Bluetooth dongle is used to send the tyre data to the cloud in real time via a central telematics unit. There, it can be accessed via the web portal, also in real time. With ContiConnect™ Live, a stationary reader station is redundant. In the web portal, we have real-time access to a detailed vehicle overview, including alarm, tyre pressure and tyre temperature history. Add-ed to which, the vehicle's location is transmitted via GPS and the operating hours of the tyres recorded. ContiConnect™ Live therefore allows us to monitor the tyres flexibly - regardless of which construction site or mountain village the vehicles are working in."

Michael Doßwald, Fleet Manager at haulage company Spedition Zink



ow-loader trailers and semitrailer tractors Goods carried: heavy and oversize loads such as prefabricated houses, construction machinery, airplanes, military equipment

"Our pilot project with SHARE NOW offers another glimpse into the future of Continental's smart, digital tyre solutions."

> TANSU ISIK. HEAD OF BUSINESS DEVELOPMENT AT CONTINENTAL TYRES GERMANY



Connected data with SHARE NOW

Cloud-based Monitoring

Our collaboration illustrates the added value that can be obtained from inter-connecting tyres, sensors, telemetry data, algorithms and the cloud.

Continental and SHARE NOW Denmark have been working together since 2020. Since the start of 2022, we have had a Conti360° Solutions contract in place to handle all our tyre management. The fleet is around 700 vehicles, some 65 percent of which are electrically powered, while 35 percent have a combustion engine. This allows us to focus on our core business with new mobility concepts, certain in the knowledge that our fleet of vehicles is always operational. Continental is a partner who understands us.

Quick and cost efficient

Continental supplies us with premium tyres and services. The ContiConnect digital tyre pressure monitoring system measures the pressure of the tyres in real time. This data is relayed to our fleet manager using the cloud, enabling him to view the current condition of the tyres on the vehicles at all times and take any action necessary. The permanent availability of data allows us to carry out fleet management in a quick, cost-efficient way. Low tyre pressure causes higher

rolling resistance leading to increased fuel consumption and tyre wear, which are both detrimental to us - from an environmental and from a cost perspective. This also ensures we don't have customers nervously driving around in cars with a flashing warning light indicating low tyre pressure.

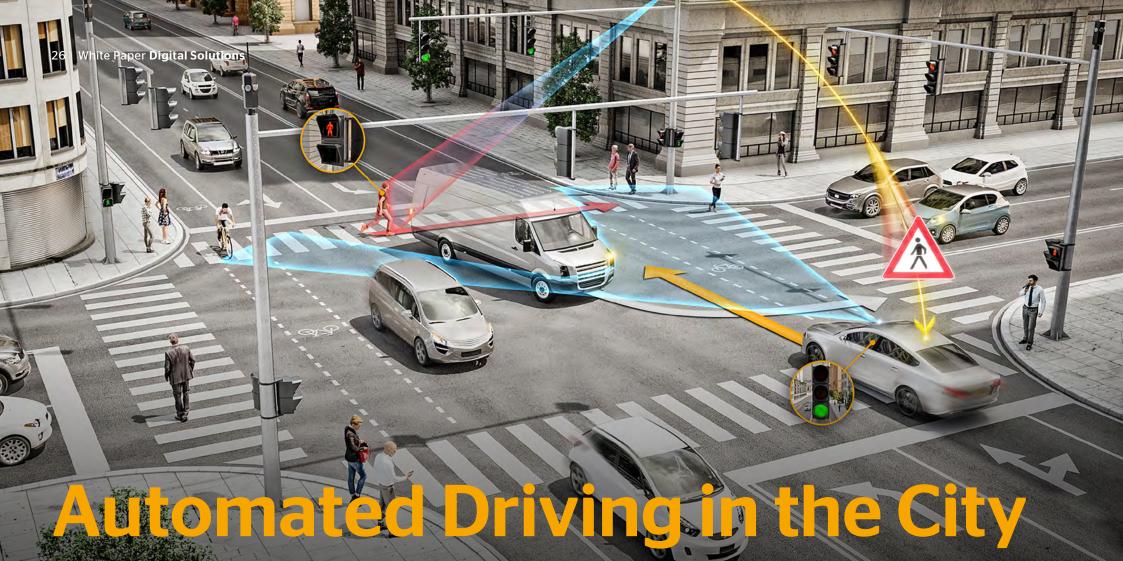
Data connectivity for smart mobility

In March 2022, we adopted tread depth monitoring for the whole fleet. The smart, digital solutions, resulting from data con-

nectivity, will help to ensure that it will be possible to carry out tyre maintenance or replacement exactly when required in future. This will enable us to significantly boost the safety and productivity of our fleet at the same time as cutting costs.

> Steen Herløv Andersen. Operational Manager SHARE NOW Denmark





Continental is developing urban mobility of the future as part of CITY joint project.

Continental is working on technologies for human-machine interaction and intelligent junctions as well as special driving functions for inner-city intersections and bottlenecks as part of the @CITY joint project for automated driving in cities. A total of 15 companies, universities and research institutes are involved in the project, supported by the German Federal Ministry for

Economic Affairs and Climate Action. Mastering urban traffic is considered to be the ultimate challenge of automated driving. The highly complex traffic situations that occur there call for immense software expertise and high-performance sensor technology and processing capacity. Up to now, when people talk about automated driving, they usually mean assisted driving on mo-

torways or similar types of road. "Narrow streets lined with parked cars, plus cyclists and pedestrians who also use the road or cross it, traffic lights, roundabouts - driving in city traffic is a far more complex affair," says Marc Simon, one of the project managers for @CITY at Continental. "Continental has - under defined boundary conditions - combined and further refined prototype

technologies that also enable automated driving in urban environments." The innovations developed as part of the joint project bring the prospect of automated mobility in our cities much closer.



Related Topics



for the future **Fleet efficiency Cost effectiveness**

New forms of mobility

RFID and its potential

> Sustainability as a corporate philosophy

Legal framework

Green fleet management Networked fleet





Contacts

On request, we can put you in touch with our colleagues from the various departments at Continental, who will provide expert information and answers to your questions.

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