Continental Autodiagnos™ Drive Remote Vehicle Data Solution

From vehicle data to connected car services

Seamless and simple data collection

Continental **Autodiagnos™ Drive** remote vehicle data solution is an easy and clever aftermarket solution designed to make the most of the data collected from cars already on the road. Whether you are connecting a private vehicle or a fleet of vehicles, our system makes data collection seamless and simple, since it can be used with multiple brands and for many different use cases. This allows you to focus on how to leverage all that useful information rather than worrying about how to collect it.

An example of possible business applications. Our cloud-based platform gives you access to a wide variety of data, such as:

Retrievable Information*   **Business aplication examples**

	Fleet management providers	Service Centers and independent aftermarket	Mobility providers (rental, sharing, ride hailing)	Roadside Assistance & Mobile Services
EXTENDED OBD	•	•	•	•
Limited smog check services	•	•	•	•
Odometer value	•	•	•	•
Battery status (incl. hybrids)	•	•	•	•
Brake status	•	•	•	•
DPF status	•	•	•	•
DTCs vehicle-specific	•	•	•	•
Service-related data last/next service, inspection, etc.	•	•	•	•
Tire information	•	•	•	•
Diesel additive level	•	•	•	•
Oil state	•	•	•	•
Spark plugs status	•	•	•	•
Coolant status	•	•	•	•
Vehicle speed	•		•	
Fuel level	•	•	•	•
Charging status (EV only)	•		•	•
Ignition status	•			
Door lock status	•		•	
Seat belt information	•			
STANDARD OBD (OBD-II / EOBD)				
Engine idle status	•	•		
Absolute trhottle position		•		•
Airflow status		•		•
Vehicle indentification number (VIN)	•	•	•	•
DTCs OBD-II	•	•	•	•
Malfunction information (incl. MIL)	•	•	•	•
4G VEHICLE COMMUNICATION INTERFACE				
Vehicle location	•		•	•
Vehicle dynamics: Accel/Decel/Cornering	•		•	

LCV: light commercial vehicle   *DPF:* diesel particulate filter   *MIL:* malfunction indicator light
PV: passenger vehicle   *DTC:* diagnostic trouble code   *EOBD:* European on-board diagnostics
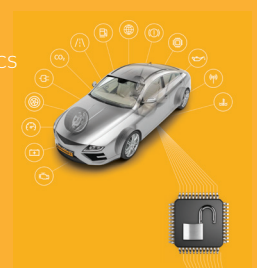
Is all that data protected?
Security for both car and driver

In addition to practical safety benefits, such as cars that are fit for the road and maintenance schedules that are adhered to, **Continental's Autodiagnos™ Drive** remote vehicle data solution keeps your data secure. Designed in close collaboration with our safety and security experts, it uses state-of-the-art technology to ensure that your data remains yours and that it is extracted safely. Furthermore, the OBD device (4G/Bluetooth) has been developed with **"security by design"**, effectively protecting vehicle electronics from hackers.

Unlock the full potential of your data

There are millions of vehicles traveling on the roads every day. Each and every one of them is constantly collecting data. It's our mission to make that data easily available to you in the cloud, while ensuring the highest levels of security, privacy and integrity. Take advantage of the continuous flow of information and analytics provided by the Continental Cloud and unlock your data's full potential.

The Power of Data
Digital connectivity for better car management

NEW!

› If you provide **logistics services** for fleets with passenger vehicles or light commercial vehicles, you can use our telematics data to track the fleet, generate driver profiles and detect or predict malfunctions. This allows for more intelligent dispatching, which saves fuel costs, keeps everything ahead of schedule and increases delivery reliability.

› Enriching your **fleet management services** with Autodiagnos™ Drive lets your customers know what the fleet's status is from anywhere. Furthermore, unnecessary vehicle downtime is minimized, and legal obligations can be met more easily by automatically generating reports or scheduling services.

› **Automotive service centers and independent aftermarket** benefit from our extended OBD data by gaining the means to

optimize their schedule by allowing them to take the initiative when a customer's service is due. Additionally, they can have the right spare parts ready before the customer arrives.

› **Roadside assistance and mobile services** can save time by being better prepared, as they are able to assess vehicle faults as well as the location and status of a customer's car remotely and plan their actions accordingly.

› **Usage-based insurance** (UBI) uses telematics data to adapt insurance rates to the real, expected costs. This results in lower rates for careful drivers. Our in-depth insights allow for more accurate models to calculate these rates.

Succcess is a matter of making the right connections

Our solution relies on connecting and maximizing four factors to accelerate your success:

1. Close cooperation with OEMs and our expertise in automotive engineering gives us detailed know-how to extract more data than other solutions. The standard OBD protocol (OBD-II/EOBD) provides a basic set of parameters, but Continental software offers a much deeper insight into the vehicle. We are also prepared for the future evolution of vehicle data interfaces.

2. The Continental Cloud stores the collected data and offers analytics services that add value. If you choose our cloud, you will benefit from continuously improved data analytics giving access to an ever-growing portfolio of services to support your business. Alternatively we give you the freedom to decide, where we deliver your data to.

3. Autodiagnos™ Drive infrastructure is optimized for high volumes and connects seamlessly with your existing data center. No matter how large your fleet, every piece of information and data is valuable. This requires global high-performance infrastructure – that's exactly what you get with our solution.

4. The 4G OBD device* is easy to install and adapts quickly to collect vehicle-specific data. Our 4G device comes with sensors relevant for many telematics applications. The GNSS (global navigation satellite system) supports GPS, GLONASS, Galileo and Baidu. The accelerometer and gyroscope can detect small movements and vehicle tilting. A back-up battery ensures data can be collected and transmitted independently from the vehicle's power source.

The Future in Motion