

Continental 
The Future in Motion



The future of tire management.

Meet the new ContiConnect™
digital tire monitoring.





ContiConnect™

The future of digital tire monitoring.

As a fleet manager, you take care of your vehicles and their maintenance on a daily basis. If something goes wrong and time schedules cannot be met, your company's profitability can suffer.

With ContiConnect™ you always stay up-to-date on your fleet's tire health. Manage your tire digitally with ContiConnect™, and reduce your maintenance cost while increasing uptime, tire lifetime, the overall efficiency and safety of your fleet.



Challenge.

The importance of tires for your fleet.



Tires only account for 5 % but influence 53 % of a fleet's operating cost.

- 30 % Fuel & additives
- 5 % Maintenance & repair
- 5 % Tires
- + 13 % Management & administration
- + Breakdowns and unplanned downtime

Digital solution benefits.



Efficiency

- Extend life of the tire
- Save operational costs
- Reduce tire-related breakdowns
- Decrease Total Cost of Ownership



Convenience

- Decrease administrative burden by remote tire monitoring
- Get full transparency and save time when planning future tire demands



Sustainability

- Save fuel
- Reduce direct and indirect emissions
- Enable retreading by protecting tire casing and reducing waste
- Enable optimized rolling resistance



Safety

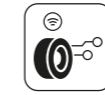
- Increase safety for all road users

What is ContiConnect™



ContiConnect™ Packages

The right digital tire monitoring system for you – depending on your needs.



ContiConnect™ Standard



ContiConnect™ Advanced

Benefit from full transparency on the **pressure** and **temperature** of your tires.

Manage your fleet's tires efficiently and monitor the health of your tires, including **pressure**, **temperature** as well as **tread depth** and **mileage** as part of the asset management.

Automated monitoring

| | | |
|------------------|---|---|
| Tire Pressure | ■ | ■ |
| Tire Temperature | ■ | ■ |

Asset Management

| | | |
|-------------|--|---|
| Tread Depth | | ■ |
| Mileage | | ■ |

Data Access & Alerting

| | | |
|-------------------------------------------------------------------------------|---|---|
| on pressure | ■ | ■ |
| on temperature | ■ | ■ |
| Web-Portal and App | ■ | ■ |
| Data integration into 3rd party systems via API <small>available soon</small> | | ■ |

Your vehicles are always out on the road?



→ **ContiConnect™ Live**

Monitor the tire data of multiple vehicles live and regardless of their location while they are on the road.

Your vehicles regularly return to dedicated checkpoints?



→ **ContiConnect™ Yard**

Monitor the tire data of multiple vehicles that return regularly to dedicated check-points.

”The ContiConnect Yard Reader gives Venezia the ability to quickly show our customers that we have implemented a solution to ensure on-time deliveries.“

Bob DeAngelo, Director of Maintenance



Impact.

Your insurance to keep things running.

The company:
Venezia Bulk Transport Inc.

Fleet size:
2,250+ trucks/trailers

Vehicles:
Truck and tank trailer

Specialization:
Liquid, Dry Bulk and Specialty

”Continental was able to provide a solution that we could use to target our terminals that had the highest outside spend on tires and service.“

As the Director of Maintenance for Venezia Transport, Bob DeAngelo successfully monitors his fleet of 750 tractors and 1,500 trailers with the ContiConnect™ Yard Reader. His clients profit from minimized downtime and fulfilled delivery windows. In this way, Bob and his clients enjoy exceptional certainty.

A success story that is only just beginning. Venezia will continue to add more ContiConnect™ Yard Readers to new terminals and appreciates being able to purchase intelligent tires directly from Continental.



Zero - reduced unscheduled maintenance calls to date since installation.



36 Months & beyond - Trailer tire lifespan increase from 24 to 36 months.

”The system paid for itself the moment it was plugged in.“

Components - For all solutions



Tire Sensor (2nd Generation) Tire Monitoring functionality

- Pressure & Temperature
- Mileage estimation
- Yard Reader Mode
- Battery estimation
- Bluetooth Connectivity



Hand-Held Tool

- Initial configuration of entire system
- Wireless communication with tire sensors
- Synchronizes tire sensors to each wheel position
- Wired communication with CCU



On-Site App

- Available for mobile devices & tablets
- Compatible with iOS & Android
- Creation, management & configuration of vehicles
- Read out sensor data via Bluetooth & transmit it to the IoT platform



ContiConnect™ Web Portal

- Browser-based web interface for access to data, statistics & reports
- Enables real-time monitoring of entire fleet's tire status

Components - Required for Yard Reader



Yard Reader Station (YRS)

- The connectivity component that receives data wirelessly from the tire sensor upon returning to the yard.

Components - Required for Live via Driver App



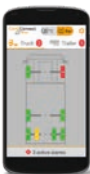
Bluetooth Dongle

- Receives the data from the central control unit and sends it via Bluetooth to a mobile device
- Mounted in the cabin and connected to the central control unit via cable
- Max. range of 30 ft



Central Control Unit (CCU)

- Receives and evaluates signals from tire sensors
- Receives signals from the tire sensors, evaluates data and processes it
- Installed in the vehicle



Driver App

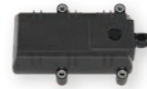
- Receives the sensor data from the Bluetooth Dongle (requires Central Control Unit)
- App sends data to the IoT platform
- Informs the driver simultaneously about tire status
- Compatible with Android

Components - Required for Live



In-Cabin Unit

- Receives signals directly from the sensors and from enabler units and sends them to the IoT platform
- For in-vehicle usage
- No Central Control Unit required



Enabler Unit

- Receives sensor signals and forwards them to In-cabin unit or Trailer unit
- Power supply required
- For outside usage

Components - Required for Trailer



Trailer Unit

- Battery-powered trailer unit
- Receives signals directly from the sensors and enabler units and sends them to the IoT platform
- For outside usage
- GPS

| | Description | |
|-----------------------------------------------|-----------------------------------------------|------------------------------------|
| Basic Kits | Kit 1.2: without additional receiver | |
| | Kit 2.2: with additional receiver | |
| | Kit 3.2: Trailer | |
| | Kit 5.2: Coach | |
| Sensor Kits | Kit 4.2.6: 6 tire sensors | |
| Advanced Kits | Kit 6.2: TireView (Display) | |
| | Kit 7.2: TireConnect (Telematics cable) | |
| | Kit 9.2: TireConnect Bluetooth | |
| ContiConnect™ | Kit In-Cabin w/ open + Enabler | |
| | Kit Trailer Unit | |
| | Kit Enabler Unit | |
| | Kit Yard Reader Station GSM US | |
| Tire Sensor mounting & spare parts | Cleaning Scraper | |
| | Mounting Tool 2 | |
| | Inlay - Mounting Tool 2 | |
| | Set Tire Sensor Container 12 | |
| | Set Tire Sensor Container 24 | |
| | Set 1 OTR fixation patch | |
| | Set 6 OTR fixation patch | |
| | Set 10 OTR fixation patch | |
| | Spatula | |
| | Glue CB2250 1,6g | |
| | Glue CB2250 4,8g | |
| | Glue CB2250 9,6g | |
| | Set Sticker and Valve cap 6 | |
| | System configuration & spare parts | Set Handheld tool incl. accessory |
| | | Set Central control unit Truck/Bus |
| | | Bracket (central control unit) |
| | | Set Central control unit Trailer |
| Additional receiver + Impact protection | | |
| Impact protection (add. receiver) | | |
| Bracket (additional receiver) | | |
| Sub-harness A | | |
| Sub-harness B | | |
| Sub-harness C | | |
| Sub-harness D | | |
| Sub-harness D - large (13 metres) | | |
| Sub-harness E | | |
| Harness F+G | | |
| Sub-harness H | | |
| Sub-harness K | | |
| Sub-harness L | | |
| Display | | |
| Display Holder 2 | | |
| Display Holder Dashboard 2 | | |
| Pressure Check Indicator | | |
| Fuse Kit F | | |
| Connector Kit A+B+C | | |
| Partner Case | KIT CPC Partner Case | |
| | KIT CPC Training Box | |

Get in touch with us!

Contact our experts and
find the solution that suits
your business.



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Continental Tire The Americas, LLC
1830 MacMillan Park Dr
Fort Mill, SC 29707

www.continental-truck.com/truck/tire-monitoring
Phone: 704-583-390