

# THE FUTURE OF TPMS IS ALCAR

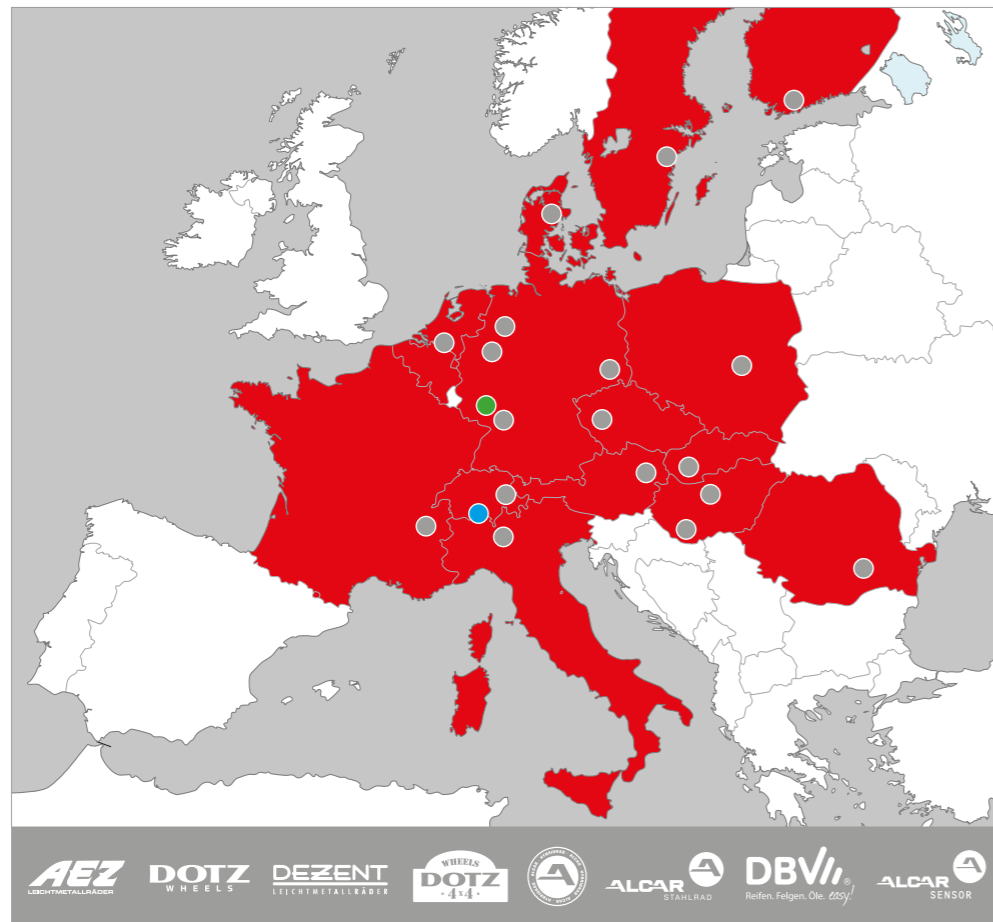
**ALCAR SENSOR. THE FULL TPMS RANGE.**



[www.alcar-sensor.com](http://www.alcar-sensor.com)



**THE WORLD OF ALCAR**  
29 COMPANIES IN 16 COUNTRIES



● **STEEL WHEELS PRODUCTION SITE**

ALCAR Ruote SA, CH

● **ALLOY WHEELS PRODUCTION SITE**

ALCAR Leichtmetallräder Produktion, DE

● **DISTRIBUTION NETWORK**

- ALCAR Heringrad, AT
- ALCAR Danmark, DK
- RC Sport ALCAR France, FR
- OCL BRORSSONS, SE
- ALCAR Bohemia, CZ
- Gumi-Profi Team, HU
- Automax Szerviz, HU
- ALCAR Hungária, HU
- ALCAR Polska, PL
- ALCAR Slovakia, SK
- ALCAR Deutschland, DE
- ALCAR Italia, IT
- ALCAR Finland, FI
- ALCAR Benelux, NL, BE, LU
- ALCAR Wheelbase Romania, RO
- ALCAR Erny, CH
- DBV, DE

# THE ALCAR TPMS WORLD



**THE FUTURE OF TPMS IS ALCAR**

**ALCAR** is an internationally active industrial and commercial group which places its strategic focus on steel and alloy wheels. Furthermore, the **ALCAR** Group is the market leader in the European aftermarket for passenger car wheels. The group's main business activities focus on wholesaling on national and international level, manufacturing steel and alloy wheels as well as distributing **TYRE PRESSURE MONITORING SYSTEMS**, tyres and fitted units.

**THE MOST POWERFUL PROGRAMMABLE TPMS SENSORS IN EUROPE!**

With more than **600,000 sensors sold** per year in the European Union, the highest customer satisfaction, maximum tool compatibility, and one of the lowest error rates, **ALCAR** is simply unbeatable!

**ALCAR SENSOR IS THE PREMIUM TPMS BRAND OF THE ALCAR GROUP, THE EUROPEAN MARKET LEADER IN THE AUTOMOTIVE AFTERMARKET FOR STEEL AND ALLOY WHEELS**

**QUALITY & SERVICE. THAT'S GUARANTEED BY ALCAR.**

For **ALCAR**, diversity means not only different products but also the highest quality and precise technology. **ALCAR TPMS** products are the result of years of research and development to offer the best possible performance and safety. What truly makes **ALCAR TPMS** products unique is the passion for innovation, quality, and most importantly, our customers and partners!



# TPMS SENSORS

The **ALCAR SENSOR UNIVERSAL**, is a individually programmable Product and represents with the **ALCAR SENSOR PLUG & DRIVE** one of the best workshop solutions

## ALCAR SENSOR UNIVERSAL



- Maximum flexibility through individual programmability with a diagnostic device
- Fast, contactless, and customised programming to suit your needs
- Very high vehicle coverage through continuous continuous improvement
- Very high compatibility with independent TPMS workshop devices
- Very high speed approvals for the sensors up to 300 km/h
- OE quality, certified by TÜV SÜD



PRODUCT	Image	ALCAR Item no.
ALCAR Sensor Universal silver (metal valve)		<b>S4A101</b>
ALCAR Sensor Universal black (metal valve)		<b>S4A101B</b>
ALCAR Sensor Universal grey (metal valve)		<b>S4A101G</b>
ALCAR Sensor Universal snap-in (rubber valve)		<b>S4A201</b>



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# TPMS SENSORS

The **ALCAR SENSOR PLUG&DRIVE** combines the synergies of original equipment and the aftermarket. These sensors are multi-protocol sensors that come pre-programmed from the factory for a selection of vehicle makes and models, making them ready for immediate use without any interaction. This sensor's slogan is simple: **PLUG AND DRIVE**.

The **ALCAR PLUG&DRIVE** is also a individually programmable sensor and represents with the **ALCAR SENSOR UNIVERSAL** one of the best workshop solutions.

## ALCAR SENSOR PLUG & DRIVE



- Pre-programmed and ready to use – just **PLUG & DRIVE!**
- Multi-protocol sensors for easy application
- Replaces up to 100 OE sensors with just 6 part numbers
- Ready to install and no programming required
- Fast, contactless, and individual programming always possible
- Very high compatibility with independent TPMS workshop devices
- Very high speed approvals for the sensors up to 300 km/h
- OE quality, certified by TÜV SÜD



PRODUCT	Applications	Image	ALCAR item no.
ALCAR Sensor Plug & Drive 1.2	Mercedes/BMW/VW		<b>S5A101/B</b>
ALCAR Sensor Plug & Drive 2.2	Ford/Opel		<b>S5A102/B</b>
ALCAR Sensor Plug & Drive 3.2	Renault/Nissan/Fiat/Alfa/Jeep/Landrover/Jaguar		<b>S5A103/B</b>
ALCAR Sensor Plug & Drive 4.2	Toyota/Mazda/Suzuki		<b>S5A104/B</b>
ALCAR Sensor Plug & Drive 5.2	Hyundai/Kia		<b>S5A105/B</b>
ALCAR Sensor Plug & Drive 6.2	Hyundai/Kia/Mitsubishi		<b>S5A106/B</b>



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# TPMS SENSORS

The **ALCAR SENSOR SINGLE** is a pre-programmed OE replacement sensor. 100% reliable and cost-efficient, perfect for your volume and fitted units business. The current selection and availability of SINGLE sensors can be found up-to-date in our webshop. Large volumes can also be produced according to demand – please direct your inquiry to your **ALCAR** partner.

## ALCAR SENSOR SINGLE



- OE replacement sensors
- Pre-programmed and ready to use
- Cost-efficient and simple
- OE quality, certified by TÜV SÜD



PRODUCT	Image	ALCAR Item no.
ALCAR Sensor Single silver		<b>S6A1xx</b>

As a full-range supplier, we naturally also offer all common OE sensors from all relevant sensor and car manufacturers such as BH Sens, Continental, Pacific, or Schrader.

The current selection and availability of OE sensors can be found up-to-date in our webshop.

## ALCAR OEM-Sensors

- OE sensors from leading manufacturers
- Always accessible and orderable online
- High availability and competitive prices
- Pre-programmed and ready to use
- Perfect for your fitted units, leasing and dealership business

PRODUCT	Image (symbolic images, representative of all OE sensors)	ALCAR Item no.
OEM SENSORS		<b>S0xxx</b>



# TPMS SENSORS

The **ALCAR SENSOR BLE** is a pre-programmed OE replacement sensor for the latest vehicle generations using BLE technology (Bluetooth Low Energy). These sensors represent the latest technological trend in the TPMS industry.

**ALCAR's BLE SENSORS** are developed and certified to the highest OE standards and contain only components from the best premium manufacturers of our time. These sensors are not programmable and automatically adapt to the vehicle by applying relearning procedures simply while driving.

## ALCAR SENSOR BLE



- State-of-the-art OE replacement sensor
- New software generation
- Pre-programmed and ready to use
- Cost-efficient and simple
- OE quality



PRODUCT	Image	ALCAR item no.
ALCAR Sensor Single 8.2 BLE silver for Tesla		<b>S6A108-V2</b>
ALCAR Sensor Single 8.2 BLE black for Tesla		<b>S6A108B-V2</b>
ALCAR Sensor Single 8.2 BLE grey for Tesla		<b>S6A108G-V2</b>



# TPMS SENSORS

The **ALCAR SENSOR HEAVY DUTY** is a universal sensor that can be individually programmed for any vehicle model or retrofit system. This universal TPMS sensor for HEAVY DUTY vehicles can be programmed for all fitments and, thanks to its innovative design, can flexibly adapt to all wheel dimensions between 17.5 to 24.5 inches with just one product. It is mounted directly on the wheel using a textile strap with a wheel-band developed for extreme loads.

## ALCAR SENSOR HEAVY DUTY



- Maximum flexibility through individual programmability with a diagnostic device
- Fast, contactless, and customised programming to suit your needs
- Very high system and vehicle coverage through continuous improvement
- Very high compatibility with independent TPMS workshop devices
- Programming through the tyre and under pressure!
- OE-quality from a leading OE-manufacturer

PRODUCT	Image	ALCAR item no.
ALCAR Sensor Heavy Duty (with band)		<b>S8A301</b>
ALCAR Sensor Heavy Duty (without band)		<b>S8A301-BULK</b>
ALCAR Sensor Heavy Duty mounting band <b>ALCAR Sensor HD</b>		<b>SKA801</b>
OEM Commercial Vehicle Sensors (without valve)		<b>S8xxxx</b>



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# TPMS SENSORS

The **ALCAR SENSOR MB** is a universal sensor and the first of its kind. As a universal sensor in the motorbike sector, it sets new standards, since the programming function of the sensors makes it easy to create a sensor clone of the OE sensor, which completely solves the existing problems of the "relearning procedures".

With just 3 part numbers, the **ALCAR SENSOR MB** is ready for use with all common motorbike brands with TPMS systems and can be put into operation effortlessly.

## ALCAR SENSOR MOTORBIKE



- Maximum flexibility through individual programmability with a diagnostic device
- Fast, contactless, and customised programming to suit your needs
- Very high vehicle coverage through continuous improvement
- Very high compatibility with independent TPMS workshop devices
- Programming through the tyre and under pressure!
- OE-quality from a leading OE-manufacturer

PRODUCT	Image	ALCAR item no.
ALCAR Sensor Motorbike V11.5		<b>S7A101</b>
ALCAR Sensor Motorbike Bolt-in		<b>S7A102</b>
ALCAR Sensor Motorbike V8.5		<b>S7A103</b>



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# TPMS SERVICE-KITS

Service kits and replacement valves are an essential part of your TPMS service. **ALCAR** recommends replacing all relevant components of the TPMS valves with every tyre change to ensure the system's safety and functionality.

At **ALCAR**, you will find the right valves for all OE sensors from leading manufacturers as well as for the most common and well-known aftermarket sensors. The **ALCAR** TPMS configurator will guide you directly to the correct valve, or you can simply browse our service kit assignment list.

While snap-in valves (rubber valves) must be completely replaced, with clamp-in valves (metal valves), at least the rubber gasket, hex nut, valve core, and valve cap should be checked and replaced if necessary.

The comprehensive **ALCAR** service kit range offers all the necessary parts from leading sensor manufacturers. Visit the **ALCAR** TPMS configurator to find the right service kit, or simply browse our service kit assignment list at [www.alcar-sensor.com](http://www.alcar-sensor.com).

With the **ALCAR** workshop set, you have all the required tools for installing and adjusting TPMS sensors at hand. This includes a calibrated torque wrench with the necessary attachments, a valve core torque wrench, or a small T6 torque wrench for older sensor models.

PRODUCT	includes	ALCAR item no.
ALCAR TPMS TOOLKIT	<b>Calibrated torque tool, incl.:</b> 7 mm hex key, 11 mm hex key, 12 mm hex key Torx 10 bits, Torx 15 bits, Torx 20 bits	<b>SKA001</b>



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# TPMS DIAGNOSTIC TOOLS

TPMS diagnostic tools are as crucial to your TPMS service as the sensors themselves. Choosing the most suitable diagnostic device for your needs is an equally important and impactful decision.

## ALCAR TECH600 THE TPMS ALL-IN-ONE TOOL



- Professional and comprehensive TPMS diagnostic tool
- Suitable for PASSENGER CARS incl. BLE, COMMERCIAL VEHICLES and MOTORBIKES
- Scanning, activation, programming, cloning and much more functionalities
- Professional OBD diagnostics and sensor diagnostics (wireless, via Bluetooth)
- Advanced battery diagnostics for TPMS sensors
- Blind sensor recognition even through the tyre
- Multi-programming of multiple sensors simultaneously
- Wi-Fi updates and Wi-Fi cloud services
- Digital tread depth measurement for automotive & commercial tyres via BLE dongle (optional)
- RFID detection from the tyre sidewall via USB dongle (optional)
- OE-quality from a leading OE-manufacturer

PRODUCT	includes	ALCAR item no.
ALCAR TECH600 PASSENGER CARS	<b>ALCAR TECH600 TPMS diagnostic tool,</b> Bluetooth OBDII module, wall mount with Qi-enabled inductive charging, set in convenient carrying case, 3-year licence	<b>STA600</b>
ALCAR TECH600 HEAVY DUTY	<b>ALCAR TECH600 TPMS diagnostic tool incl. COMMERCIAL VEHICLE SUPPORT,</b> Bluetooth OBDII module incl. 24v adapter, wall bracket with Qi inductive charging function, set in practical transport case, 3-year licence	<b>STA600HD</b>



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# TPMS DIAGNOSTIC TOOLS

The **ALCAR TECH350** is a professional & cost-effective TPMS diagnostic tool especially developed for passenger cars and motorbikes, covering all systems and vehicles.

## ALCAR TECH350 THE ENTRY-LEVEL DEVICE



- Professional TPMS diagnostic device for PASSENGER CARS & MOTORBIKES
- Scanning, activation, programming, cloning and much more functionalities
- Advanced battery diagnostics for TPMS sensors
- Blind sensor recognition even through the tyre
- Multi-programming of multiple sensors simultaneously
- Includes OBDII module

PRODUCT	includes	ALCAR item no.
ALCAR TECH350	<b>ALCAR TECH350 TPMS diagnostic tool,</b> OBDII module, 3-year licence	<b>STA350</b>



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# TPMS DIAGNOSTIC TOOLS

The **ALCAR VT57** is a comprehensive TPMS diagnostic tool that covers American, European, and Asian vehicles. Its modern features and functions offers a complete TPMS management. The VT57 is the evolution of the well-known VT56 classic, featuring modern innovations like a touch display and improved Wi-Fi services.

## ALCAR VT57 THE CLASSIC IN ITS SECOND GENERATION



- Professional and comprehensive TPMS diagnostic tool
- Suitable for PASSENGER CARS incl. BLE, COMMERCIAL VEHICLES and MOTORBIKES
- Scanning, activation, programming, cloning and much more functionalities
- Professional OBD diagnostics
- Data management via a modern TOUCH display
- Multi-programming of multiple sensors simultaneously
- OE-quality from a leading OE-manufacturer

PRODUCT	includes	ALCAR Item no.
ALCAR VT57	<b>ALCAR VT57 TPMS diagnostic tool,</b> OBDII module, USB cable and charger, case, 3-year licence	<b>STA057</b>
ALCAR VT57 BLE	<b>ALCAR VT57 BLE TPMS diagnostic tool,</b> OBDII module, USB cable and charger, case, 3-year licence, including Bluetooth	<b>STA057BLE</b>



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# TPMS DIAGNOSTIC TOOLS

The **ALCAR** VT Truck 2.0 is a comprehensive TPMS diagnostic tool specifically developed for COMMERCIAL VEHICLES, covering all systems and all vehicle types. Its modern features and functions offer complete TPMS service for COMMERCIAL VEHICLES.

## ALCAR VT TRUCK 2.0 MAKING COMMERCIAL VEHICLE DIAGNOSTICS EASY!



- Professional TPMS diagnostic device for COMMERCIAL VEHICLES
- Scanning, activation, programming, cloning and much more functionalities
- Extensive vehicle and sensor support
- OE-quality from a leading OE-manufacturer

PRODUCT	includes	ALCAR Item no.
ALCAR VT TRUCK 2.0	<b>ALCAR VT TRUCK 2.0 TPMS diagnostic tool</b> , OBDII module incl. 24v adapter, USB cable and charger, case, 1-year licence	<b>STA012</b>



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# TPMS DEVICE ACCESSORIES

Utilise our hardware expansions and options to tailor your TPMS diagnostic device to your needs and daily operations, maximising the potential of your TPMS diagnostic device. Here, we present the most important and latest highlights from our portfolio. The entire accessory portfolio is available in our online shop.



- Digital tread depth measurement for the TECH600 diagnostic tool
- Wireless operation via Bluetooth connection
- Digital tread depth in the TECH600 for cloud services
- Up to 25mm tread depth; suitable for passenger car and commercial vehicle service

PRODUCT	includes	ALCAR Item no.
ALCAR TDR100	<b>Tyre tread depth gauge for PASSENGER CAR &amp; COMMERCIAL VEHICLE tyres</b> , automatic BT pairing to the ALCAR TECH600 TPMS diagnostic tool	<b>SKA608</b>



- Digital tread depth measurement for the VT56 & VT57 diagnostic tools
- Digital tread depth transferred to the VT56 & VT57

PRODUCT	includes	ALCAR Item no.
ALCAR TDR	<b>Tyre tread depth gauge</b> , cable connection to VT56 or VT57	<b>STA006</b>



- OBD-II adapter for voltage conversion from 12v to 24v
- Required for OBD-II service on COMMERCIAL VEHICLES
- Available for existing OBD-II modules from ATEQ & BARTEC
- Can be easily attached, no installation required

PRODUCT	ALCAR Item no.
ALCAR HEAVY DUTY OBD 24v-Adapter TECH600	<b>SKA607</b>
ALCAR HEAVY DUTY OBD 24v-Adapter VT56/VT57	<b>SKA909</b>

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# SOFTWARE SERVICES FOR TOOLS

Make use of our software upgrades to keep your TPMS diagnostic device up-to-date, ensuring you provide perfect service to every customer.

## ALCAR SOFTWARE SERVICES FOR BARTEC



- Digital upgrades for BARTEC tools
- Available 24/7 in the online shop
- Digital services accessible in the app TPMS Desktop

PRODUCT	includes	ALCAR Item no.
ALCAR licence extension (12 months)	<b>Valid for 1 year from activation,</b> for ALCAR TPMS diagnostic devices TECH600 / TECH350 / TECH300.	<b>SUA003SERV</b>
ALCAR multi-brand upgrade	<b>Upgrade code for programming</b> Schrader, BHSENS, Alligator and Bosch universal sensors	<b>SUA004SERV</b>
ALCAR utility vehicle upgrade	<b>Upgrade code for extended coverage,</b> of trucks, trailers, and buses on ALCAR TECH600. Unlimited duration.	<b>SUA008SERV</b>

## ALCAR SOFTWARE SERVICES FOR ATEQ



- Digital extensions for the ATEQ tools
- Available 24/7 in the online shop
- Digital services accessible in the app WebVT

PRODUCT	includes	ALCAR Item no.
ALCAR licence extension VT57 (12 months)	<b>Valid 1 year from activation,</b> for ALCAR VT57.	<b>SUA013SERV</b>
ALCAR licence extension VT56 (12 months)	<b>Valid 1 year from activation,</b> for ALCAR VT56.	<b>SUA001SERV</b>
ALCAR licence extension VT TRUCK 2.0 (12 months)	<b>Upgrade code for extended coverage,</b> of trucks, trailers, and buses on ALCAR VT57. Valid 1 year from activation, for ALCAR VT TRUCK 2.0	<b>SUA012SERV</b>
ALCAR commercial vehicle upgrade VT57	<b>Upgrade code for extended coverage,</b> of trucks, trailers, and buses on ALCAR VT57. Unlimited duration.	<b>SUA010SERV</b>
ALCAR commercial vehicle upgrade VT56	<b>Upgrade code for extended coverage,</b> of trucks, trailers, and buses on ALCAR VT56. Unlimited duration.	<b>SUA009SERV</b>

# ALCAR SENSOR TOOL BUNDLES

Complex challenges – simple solutions

**ALCAR** offers customised industry solutions: Alongside the sensors, a new high-performance device has been developed in collaboration with BARTEC, the world's leading manufacturer of TPMS diagnostic devices. The **ALCAR TECH600** provides you, as a specialist in the trade, with a comprehensive diagnostic and programming device, including many extras. Choose your personal bundle.

## ALCAR SENSOR TOOL BUNDLES



PRODUCT	includes	ALCAR Item no.
ALCAR TECH600 OBD II Bundle 40	<b>ALCAR TECH600 TPMS diagnostic tool,</b> 40x ALCAR Sensor Universal in silver, Bluetooth OBDII module, wall mount with Qi-enabled inductive charging, set in convenient carrying case, 3-year licence.	<b>STA600-40</b>
ALCAR TECH600 OBDII Bundle 40 Mix	<b>ALCAR TECH600 TPMS diagnostic tool,</b> ALCAR Sensor Universal (16x in silver, 16x in black, 8x in grey), Bluetooth OBDII module, wall mount with Qi-enabled inductive charging, set in convenient carrying case, 3-year licence.	<b>STA600-40MIX</b>
ALCAR TECH600 HD Bundle 36	<b>ALCAR TECH600 TPMS diagnostic tool</b> includes COMMERCIAL VEHICLE coverage, 36x ALCAR Sensor Heavy Duty Universal, Bluetooth OBDII module incl. 24v adapter, wall mount with Qi-enabled inductive charging, set in convenient carrying case, 3-year licence.	<b>STA600-36HD</b>
ALCAR TECH350 OBD II Bundle 20	<b>ALCAR TECH350 TPMS diagnostic tool,</b> 20x ALCAR Sensor Universal in silver, OBDII module, 3-year licence.	<b>STA350-20</b>

# ALCAR CONNEX

## THE CLOUD SERVICE FOR YOUR WORKSHOP!

The **ALCAR CONNEX** system is a cloud-based data management system to which the **ALCAR** TPMS diagnostic tool are connected via Wi-Fi. For example, with the TECH600, you can capture all TPMS, fitted units, vehicle, and order data and transmit them via Wi-Fi to **ALCAR CONNEX**.

Thanks to our numerous interfaces, we are integrated with the leading Enterprise Resource Planning (ERP) systems and can transfer your data to the desired system. Moreover, we also offer this service for the leading fleet management systems as well as completely customised dashboards and enterprise solutions for your business.

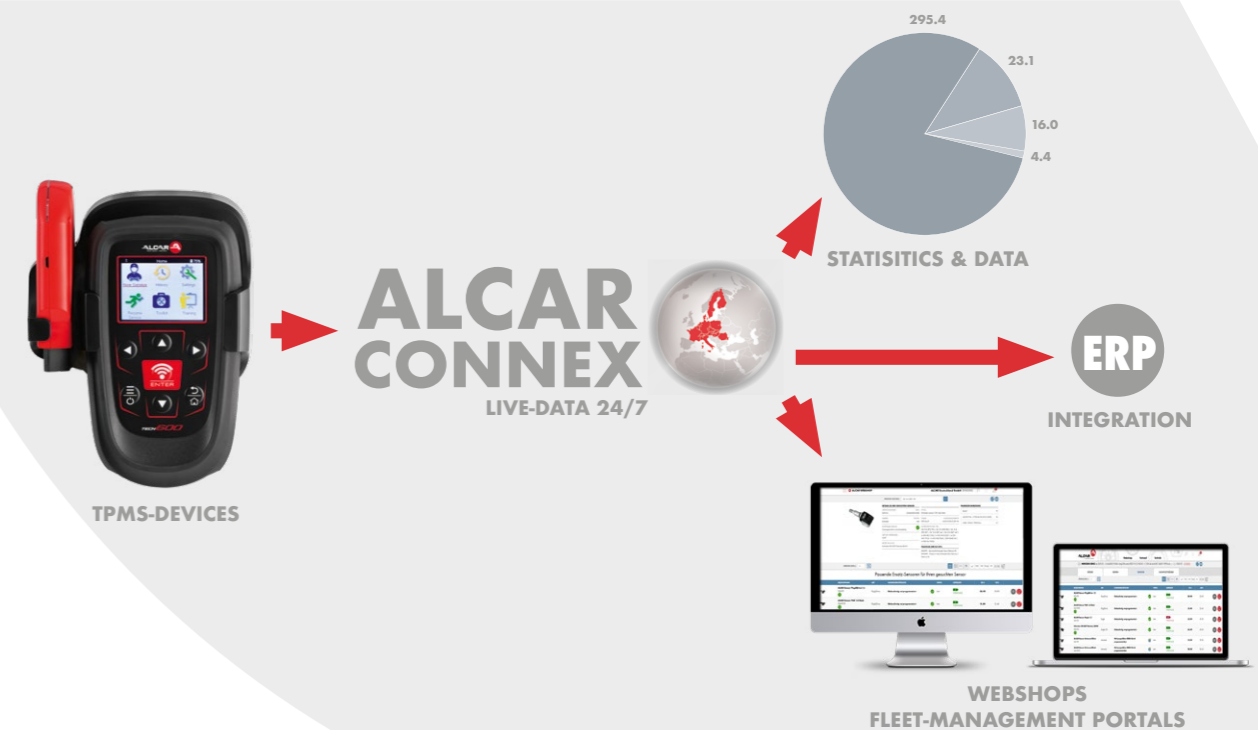
Use **ALCAR CONNEX** to digitise your entire TPMS and fitted units processes in the workshop. Transform yourself and your colleagues into a paperless, digital, and sustainable workshop.



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# ALCAR CONNEX

1. The **ALCAR CONNEX** service is a new offering for our customers to support them in digitising their workflows – such as storing wheel sets or transitioning to a paperless workshop.
2. Looking to digitise your order, vehicle, breakdown, or fitted units set data in your ERP system or in a dedicated dashboard for your customers, fleet managers, branch managers, or yourself? **NO PROBLEM. WE HAVE THE SOLUTION!**
3. With the **ALCAR CONNEX** service, we can transfer, sort, analyse, and provide the following data:
  - a. TPMS SENSOR information and battery details
  - b. Vehicle information, registration plates, and chassis numbers
  - c. Service information, tyre tread depth, tyre damage, rim damage, valve damage
  - d. For specific requirements – just ask us!



The tool transmits data online, and this information is stored in **ALCAR CONNEX** in real time.

Information – such as a weak TPMS battery or worn tyre tread – can be printed on the invoice for the end customer. For example, from the ERP software, a tyre dealer can download data at the click of a button, as the information is automatically available in the system.

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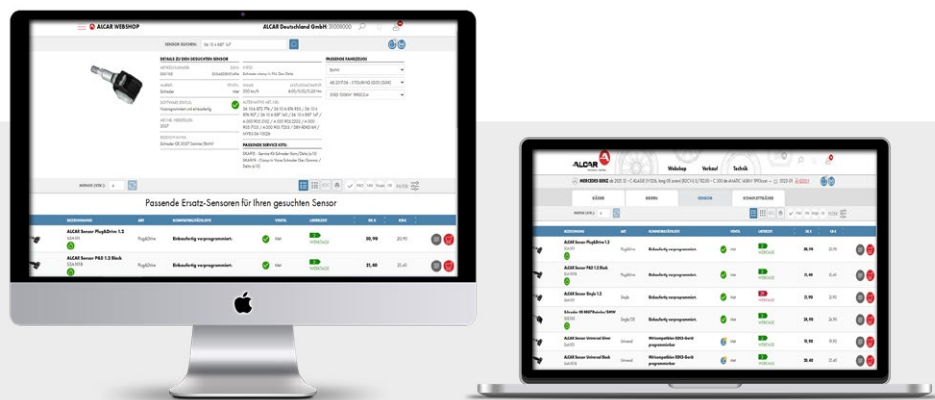
# ALCAR TPMS CONFIGURATOR & TRAINING

## ALCAR ONLINE TPMS CONFIGURATOR

In the webshop, **ALCAR** offers its customers up-to-date sensor assignments and the new TPMS configurator. All information is quickly accessible, and important notes on vehicles or OE sensors are clearly displayed. Additionally, customers receive guidance on service kits, replacement valves, and vehicle-specific relearning procedures

## TPMS TRAINING

**ALCAR** offers all customers and partners expert specialists in TPMS training. These specialists travel across Europe to not only introduce the subject to your employees but also to explain, train, and educate in detail until all questions are answered. Of course, all customers receive comprehensive training materials and can contact one of our national organisations or use our TPMS online support for any further questions.



ALCAR TPMS  
ON YOUTUBE



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**MEDIA OWNER:**  
ALCAR WHEELS GMBH

**PUBLISHING AND MANUFACTURING LOCATION:**  
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