

A man and a woman, both wearing safety glasses and blue work shirts, are working on the engine of a silver car with its hood open in a modern garage. The man is leaning over the engine, and the woman is looking at a tablet. In the background, a red car is visible on a lift.

N4 AUTOMOTIVE SOLUTIONS

***AUTOMOTIVE AFTERMARKET: THE
CHANGE REACHES THE GARAGE.
ARE YOU READY?***



we solve it

SIMPLEST USABILITY, SEAMLESS INTEGRATION, HIGHEST FLEXIBILITY

Global developments do not stop at the automotive industry. Trends such as the increasing networking and automation of processes and the emergence of new competitors are presenting manufacturers, suppliers, and end-users with new challenges. The upheaval is making new digitized business models the standard.

Anyone who wants to persist has to ensure that internal processes are comprehensively linked with each other, with their finger always on the pulse of time. In addition, simple and target group-oriented usability and smooth service have to become the top priority.

Ready or not: the change is happening. With over fifteen years of experience in dealing with tires, rims, and car parts, and our future-oriented, customizable products, we help you react flexibly to market changes and use them as an opportunity for your business growth.



THE HEART OF THE N4 AUTOMOTIVE SUITE

N4PARTS

Effortless repair planning and auto parts procurement in the IAM (accessories) and OE (original parts) market



Direct linkage to over fifty wholesalers and suppliers in Central Europe



Graphical parts search



Product suggestions through an AI-based system



Global use thanks to country-specific features



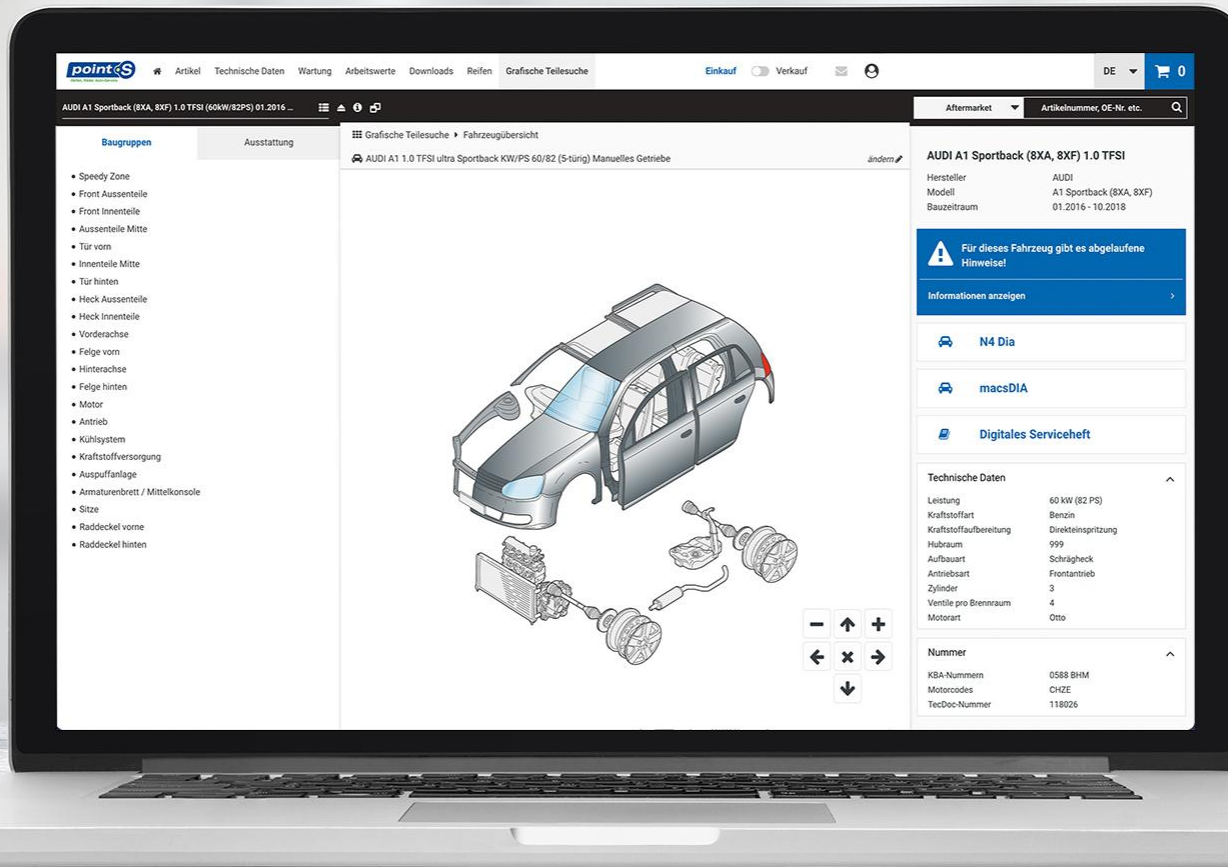
Garages, manufacturers, wholesalers, franchisors

SOME CUSTOMERS WHO RELY ON THE N4 STANDARD



N4PARTS STANDARD TOOL AT POINT S

MATCHING SPARE PARTS IN RECORD TIME



N4PARTS STANDARD TOOL AT GRS

FINDING SPARE PARTS EASILY AND TECHNICALLY SOUND

GRS GRUPPENTECNISCHE SYSTEMEN

Artikel Technische Daten Wartung Arbeitswerte Downloads Reifen Grafische Teilesuche Einkauf Verkauf DE 0

AUDI A1 Sportback (8XA, 8XF) 1.0 TFSI (60kW/82PS)...

Aftermarket Artikelnummer, OE-Nr. etc.

Baugruppen Filter(81)

- Abgasanlage
- Achsantrieb
- Achsaufhängung/Radführung/Räder
- Anhängevorrichtung/-anbauteile
- Bremsanlage
 - Bremsflüssigkeit
 - Bremsflüssigkeitsbehälter/Einzelteile
 - Bremskraftverstärker
 - Bremslichtschalter
 - Bremsesattel
 - Bremsenschläuche
 - Fahrdynamikregelung
 - Feststellbremse
 - Hebel/Seile/Züge
 - Hochleistungs-Bremse
 - Radzylinder
 - Scheibenbremse**
 - Bremsbelag
 - Bremsbelagsatz, Scheibenbremse
 - Bremsensatz
 - Bremsenscheibe
 - Zubehör/Einzelteile
 - Trommelbremse
 - Vakuumpumpe
 - Werkzeuge
- Elektrik
- Federung/ Dämpfung
- Fernscheinwerferglühlampe
- Filter
- Getriebe
- Heizung/Lüftung

Suchergebnis filtern nach Hersteller und / oder Bremsscheibenbreite [mm]

Bremsbelagsatz, Scheibenbremse
ATE 13.0460-2787.2
für PR-Nummer: 1XK, Einbauseite: Hinterachse, Breite [mm]: 87,5, Höhe [mm]: 52,9, Dicke/Stärke [mm]: 17,3.
Verschleißwarnkontakt: exkl. Verschleißwarnkontakt, nicht für Verschleißwarnanzeiger vorbereitet.
Ergänzungsteil/Ergänzende Info 2 mit Bremsstellschrauben.
Anzahl der Schrauben: 4, Bremsensystem: Lucas / TRW.
Prüfzeichen: E1 90R-01924/727, MAP-Code vorhanden.
62,60 €
Empt. Preis

Bremsbelagsatz, Scheibenbremse
ATE 13.0460-2790.2
für PR-Nummer: 1XK, Einbauseite: Hinterachse, Breite [mm]: 184,2, Höhe [mm]: 51,9, Dicke/Stärke [mm]: 17,5.
Verschleißwarnkontakt: nicht für Verschleißwarnanzeiger vorbereitet, exkl. Verschleißwarnkontakt.
Ergänzungsteil/Ergänzende Info 2 mit Bremsstellschrauben.
Anzahl der Schrauben: 4, Bremsensystem: Lucas / TRW.
Prüfzeichen: E1 90R-02A0215/0164, MAP-Code vorhanden.
73,40 €
Empt. Preis

Bremsbelagsatz, Scheibenbremse
ATE 13.0460-2860.2
für PR-Nummer: 1XK, Einbauseite: Hinterachse, Breite [mm]: 87,5, Höhe [mm]: 52,9, Dicke/Stärke [mm]: 16,4.
Verschleißwarnkontakt: exkl. Verschleißwarnkontakt, für Verschleißwarnanzeiger vorbereitet.
Ergänzungsteil/Ergänzende Info 2 mit Bremsstellschrauben.
Anzahl der Schrauben: 4, Bremsensystem: Lucas / TRW.
Prüfzeichen: E1 90R-02A0333/0192, MAP-Code vorhanden.
Artikelnummer des empfohlenen Zubehörs: 13.0460-0072.2, Abmessungen beachten.
63,30 €
Empt. Preis

AUDI A1 Sportback (8XA, 8XF) 1.0 TFSI
Hersteller: AUDI
Modell: A1 Sportback (8XA, 8XF)
Bauzeitraum: 01.2016 - 10.2018

Für dieses Fahrzeug gibt es abgelaufene Hinweise!
Informationen anzeigen

N4 Dia

macsDIA

Digitales Serviceheft

Technische Daten

Leistung	60 kW (82 PS)
Kraftstoffart	Benzin
Kraftstoffaufbereitung	Direkteinspritzung
Hubraum	999
Aufbauart	Schrägheck
Antriebsart	Frontantrieb
Zylinder	3
Ventile pro Brennraum	4
Motorart	Otto

Nummer

KBA-Nummern	0588 BHM
Motorcodes	CHZE
TecDoc-Nummer	118026

N4PARTS STANDARD TOOL AT DRIVER

FAST AND COMPETENT CAR MAINTENANCE

The screenshot displays the Driver website interface for a repair manual. The top navigation bar includes links for ARTIKEL, TECHNISCHE DATEN, WARTUNG, ARBEITSWERTE, DOWNLOADS, REIFEN, and GRAFISCHE TEILESUCHE. The main content area is titled 'Reparaturanleitung Innenraumfilter(-Satz) Standard' for an AUDI; A1 Sportback (8XA, 8XF); 1.0 TFSI; 60 kW. The left sidebar lists various technical data categories. The right sidebar provides vehicle specifications and a list of recommended products.

Reparaturanleitung
Innenraumfilter(-Satz)
Standard

AUDI; A1 Sportback (8XA, 8XF); 1.0 TFSI; kW: 60

Hinweis(e) :

Der Innenraumfilter befindet sich im Fahrzeuginnenraum, in Fahrtrichtung rechts. Unterhalb des Handschuhfaches. Fahrzeuginnenraum mit Schutzfolie auslegen. Entsorgungsvorschriften beachten!

Benötigte Zeiten

Richtzeit	
Innenraumfilter erneuern.	0,30 h

Ausbau

Fahrzeuginnenraum mit Schutzfolie auslegen. Schiebstück(e) zusammenschieben. (1) (siehe Abbildung 1)

Abbildung 1

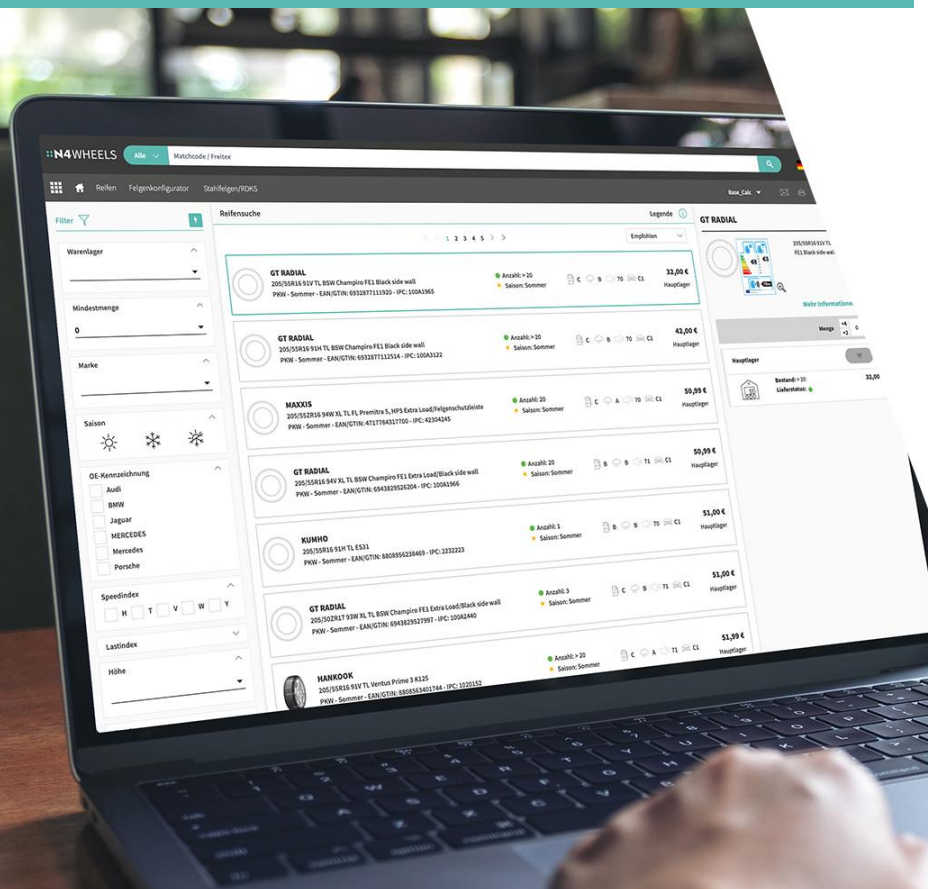
Technische Daten

Leistung	60 kW (82 PS)
Kraftstoffart	Benzin
Kraftstoffaufbereitung	Direkteinspritzung
Hubraum	999
Aufbauart	Schrägheck
Antriebsart	Frontantrieb
Zylinder	3
Ventile pro Brennraum	4
Motorart	Otto

Nummer

KBA-Nummern	0588 BHM
Motorcodes	CHZE
TecDoc-Nummer	118926

THE HEART OF THE N4 AUTOMOTIVE SUITE



N4WHEELS

Intuitive, customized B2B shop solution for tires, rims, and complete wheels



Connection to the most extensive wholesaler portfolio in the industry



System availability in over ten languages



Single sign-on (SSO) when integrated with customers' IT

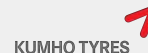


Rim configurator with 3D assembly platform



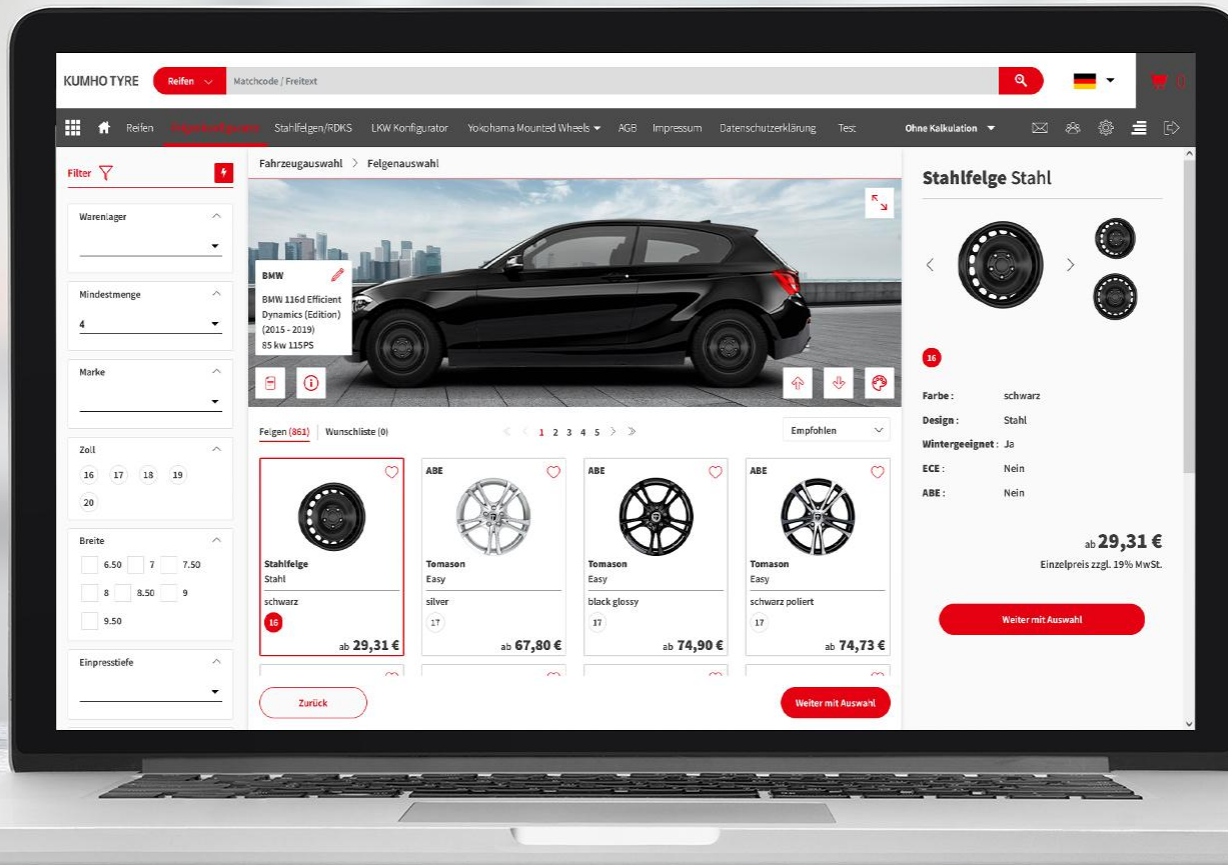
Garages, manufacturers, wholesalers, franchisors

SOME CUSTOMERS WHO RELY ON THE N4 STANDARD



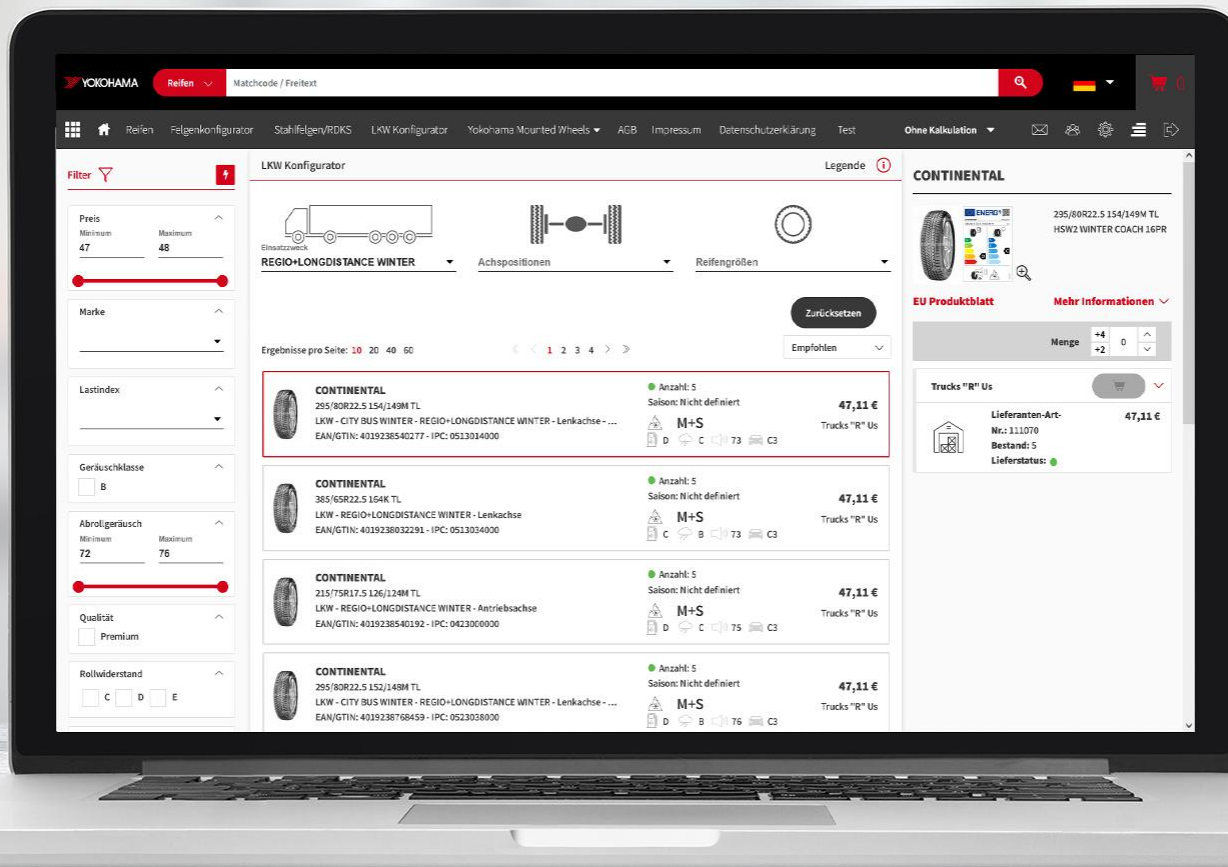
N4WHEELS STANDARD TOOL AT KHUMO TYRE

INTUITIVE WHEEL CONFIGURATOR IN THE B2B SHOP



N4WHEELS STANDARD TOOL AT YOKOHAMA

COMPLETE WHEELS, PERFECT FOR HEAVY-DUTY VEHICLES



N4WHEELS STANDARD-TOOL AT DRIVER

FINDING THE IDEAL TIRE IN NO TIME

The screenshot displays the Driver website's tire search interface. The main content area, titled 'Reifensuche', shows a list of tires with the following details:

Brand	Model	Season	Price	Quantity
PIRELLI	205/55R16 91V TL	Allwetter	5,66 €	3
GT RADIAL	205/55R16 91V TL	Sommer	9,50 €	> 20
BRIDGESTONE	205/55R16 91H TL	Sommer	19,50 €	5
GT RADIAL DOT15	205/55R16 91V TL	Sommer	28,47 €	19
PIRELLI	205/55R16 91T TL	Winter	61,37 €	> 20
PIRELLI	205/55R16 91V TL	Winter	76,03 €	6

The left sidebar contains filters for 'Warenlager', 'Mindestmenge', 'Marke', 'Saison', 'OE-Kennzeichnung', 'Fahrzeugtyp', 'Speedindex', and 'Lastindex'. The right sidebar shows details for the selected Pirelli tire, including its price, quantity, and a 'Mehr Informationen' link.

THE HEART OF THE N4 AUTOMOTIVE SUITE

N4COMMERCE

Individual B2C e-commerce for all players in the automotive aftermarket



Integration possibility with other shop systems



Graphical car parts search and vehicle identification



Rim configurator with 3D assembly platform



Usability tailored to the target group



Garages, manufacturers, wholesalers, franchisors, end-users

SOME CUSTOMERS WHO RELY ON THE N4 STANDARD



04264 836 41 81 KOSTENFREIER VERSAND



FELGENKONFIGURATOR

FELGENÜBERSICHT

REIFEN

FELGEN FÜR AUDI A1 1.4 TDI ULTRA

Tomason
TN1

bright silver

16 18

ab 989,60€

DETAILS

NEUES FAHRZEUG WÄHLEN

MARKEN

Auswählen...

ZOLLGRÖSSE

Auswählen...

FARBEN

402 passende Felgen



THIS IS HOW USERS' JOY BECOMES PERFECT

⚡N4FLEET

Communication interface between fleet operators and garages

- ✓ Upload of digital receipts
- ✓ Calculation tool for fleet computations
- ✓ Direct storage of fleet contracts



Garages, lessors, franchisors

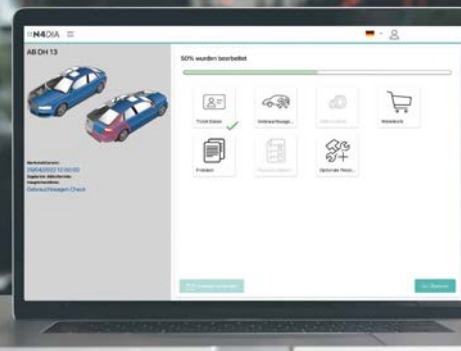
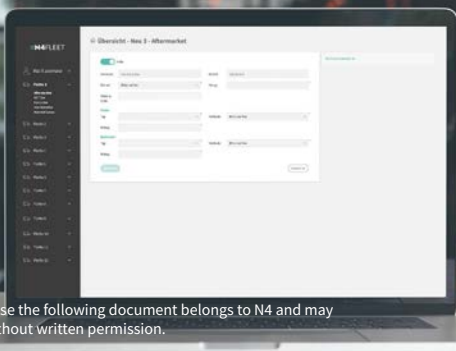
⚡N4DIA

Digital recording of service acceptance via mobile device/tablet

- ✓ Digital damage recording via photo
- ✓ Digital documentation of accident prevention regulations (APR)
- ✓ Elimination of media discontinuity through digital signature



Garages, franchisors





B2B AND B2C E-COMMERCE AT THE PULSE OF TIME

State-of-the-art commerce solutions with individual features for wholesalers, industry, and medium-sized businesses



SEAMLESS INTEGRATION IN CUSTOMERS' IT

Integration into your ERP, document management, and merchandise management systems via an interface



GARAGE-ORIENTED, INTUITIVE USABILITY

Most uncomplicated usability thanks to device-independent and target-group-oriented product range



INDIVIDUAL WEBSHOP SOLUTION FOR GETTYGO GMBH

CHALLENGE

- Performance problems of the legacy system due to seasonal sales peaks in the tire industry
- Maximum stability requirements for IT systems
- Seamless transition from legacy system to new software

SOLUTION

- High-performance, scalable solution consisting of frontend (webshop for customers) and individually developed backend
- Possibility of direct linkage to suppliers and customers
- Seamless migration of the GETTYGO overall system in France, Germany, and Austria

N4 INDIVIDUAL TOOLS IN PRACTICE

INDIVIDUAL PURCHASING PLATFORM FOR ALLIANCE AUTOMOTIVE GMBH

CHALLENGE

- Increasing customer requirements and rapid expansion of the company
- Integration of TecDoc files (more than 100,000 vehicle types, 6.6 million product data)

SOLUTION

- Replacement of analog sales with scalable online catalog ('Partsfinder') for ordering automotive spare parts
- Direct connection of wholesalers and improvement of usability
- Reduction of administrative effort through digital provision of inspection plans, invoices, and delivery notes

ABOUT US

- In business since 1993
- 240+ employees in 5 locations
- Customers and partners from Europe, North America, Australia, Asia
- **Core industries:** mechanical engineering, medicine & pharmaceutical, automotive aftermarket

400+

successfully completed projects

HYDAC **INTERNATIONAL** **VOITH**
Engineered Reliability

PIRELLI **VOLKSWAGEN** **YAMAICHI**
ELECTRONICS

SIEMENS **DB** **BAHN** **BOGE**

STAHL **watt drive** **WEG Group** **VAHLE** **Landis+Gyr**
STROMZUFÜHRUNGEN

Interpneu **Helios** **WITZENMANN**
managing flexibility

BSN medical **rexroth** **Danfoss** **HAWES**
A Bosch Company HYDRAULIK

OXIGIN **ziehm imaging** **LEWA**
Creating Fluid Solutions

point S **ProLine** **ALLIANCE**
Reifen, Räder, Auto-Service. wheels AUTOMOTIVE GROUP

pit-stop **VECTOR** **FVA** **Giti**

SAP **VDMA** **Microsoft** **SIEMENS** **SGS** **TÜV** **ISO 9001** **TecAlliance** **shopware**
Silver Partner MindSphere S A A R Business Partner

INTERESTED IN OUR AUTOMOTIVE SOLUTIONS?

Get in touch, and together we'll work out which of our products can get you off to a quick start on the road to digitization.

**WE ARE LOOKING FORWARD
TO MEETING YOU!**



PATRICK LANG

head of automotive products

email: patrick.lang@n4.de

phone: +49 151 46 74 40 11