VEHICLE DIAGNOSIS
UPDATE 5.36.00

29/11/2022

- Diagnosis update
- E-Mobility: BEV & Hybrid
- Software update news
- Security Gateway Portal (SGP)

DIAGNOSIS UPDATE

DIAGNOSIS UPDATE

WOW! LOOQIT 5.36.00

- The diagnostic database of the WOW! LOOQIT 5.36.00 supports **1,513 vehicle models** from **71 manufacturers**.

- In the process, **2,633 petrol** and **1,694 diesel engines** form the basis for several thousand different vehicle configurations.

- In total, there are **9,634 new functions** that can be performed in the systems (see table on the right).

System	Number of functions
Engine	3710
Brake	937
Instrument	492
Climate system	624
Gearbox	1070
Immobilizer	81
Restraint & SRS	94
Multifunction / Comfort systems	1214
Service Reset	168
Hybrid / High voltage systems	438
TPMS	310
ADAS	496

DIAGNOSIS UPDATE

WOW! LOOQIT 5.36.00

As with every update, the focus of development is on new and "middle-aged" models.
The oldest revised systems date from 1990!

Age	Update share
0 - 3	29 %
4 - 10	47 %
11 - 34	24 %

Age / Update share

0 - 3   4 - 10   11 - 34
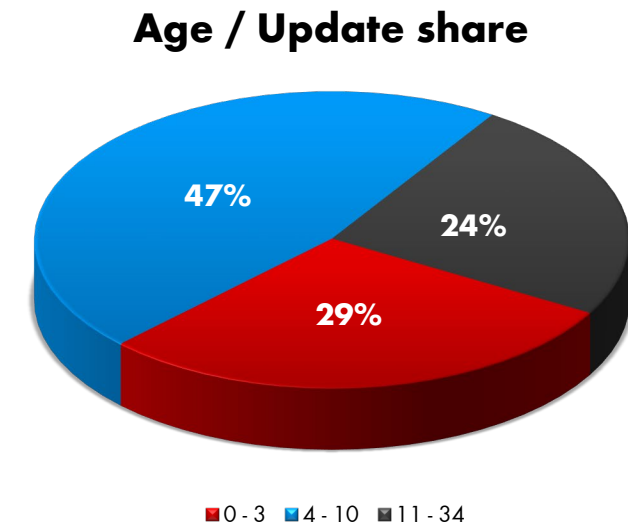
DIAGNOSIS UPDATE

WOW! LOOQIT 5.36.00

The sales figures of hybrid and high-voltage vehicles are also reflected in our development efforts.
The systems with the greatest growth are again:

Electric vehicles with 12,6 %

ADAS calibration with 5,6 %

DIAGNOSIS UPDATE

WOW! LOOQIT 5.36.00

Overview new models and enhanced models

BMW
- 2-series [U06]
- i8 [I12]

Dacia
- Jogger

DS Automobiles
- DS 9

KIA
- Ceed [19-]
- ProCeed [19-]
- XCeed [20-]

Lexus
- NX-Serie [22-]

Mercedes
- C-Class [W206]
- EQE [V295], EQS [V297]
- S-Class [V223], SL [R232]

MG
- EHS
- MARVEL
- MG 5

Opel/Vauxhall
- Astra L
- Crossland
- Grandland

Polestar
- Polestar 2

Peugeot
- 308 [21-]

Volkswagen
- Taigo

VOLVO
- C40 Recharge
- XC40 P6 Recharge

DIAGNOSIS EXAMPLES

WOW! LOOQIT 5.36.00

BMW
- New 2-series (U06) model.
- i8 (I12) added

Lexus
- Model series IS, GS, RX, ES, LC, UX, NX and LS updated support for ADAS systems with Front camera and radar calibrations

Nissan
- Several new systems added on model Qashqai J12

Ford
- Radar calibration for several models without 16 bit algorithm = Galaxy [15-], Mondeo [14-], S-max [15-], Focus [14-18]
- Ranger 16→ AdBlue system with full functionality
- Injector coding for mostly models/engines 2018→
- DPF regeneration for mostly models/engines 2018→

Attention: As of MY 2019, Ford has encrypted many systems with a 16bit algorithm. Decryption is extremely complicated and time-consuming! We are working on a solution!

MG
- New modelsEHS, Marvel, Model 5 added

Opel / Vauxhall
- New model Astra L
- Facelift Grandland
- Facelift Crossland

DS Automobiles
- DS3 Crossback updated with several systems.
- New model DS9 added.

DIAGNOSIS EXAMPLES

WOW! LOOQIT 5.36.00

Volkswagen AG

- Fault code updates for several systems
  MQB, MLB2, MEB, PQ26, MQBA0-Plattform
- 360 camera calibration for several models
- Skoda Fabia IV - New model with full functionality
- VW Taigo - New model with full functionality
- VW Touareg 2011→ Air suspension calibration

Polestar

- Polestar 2 with all important systems and functions

Dacia

- New Jogger model with extensive diagnostics

Mercedes Benz

- New models with DoIP communication:
  C-Klasse 206, S-Klasse 223, SL 232, EQE 295, EQS 297
- **Attention:** As the communication uses several complex security systems (Seed&Key, CeBas, DoIP), only the LOOQER can guarantee the communication.
- The DoIP adapter cable W074 002 631 is technically no longer able to do this.
- USP LOOQER!

E-MOBILITY
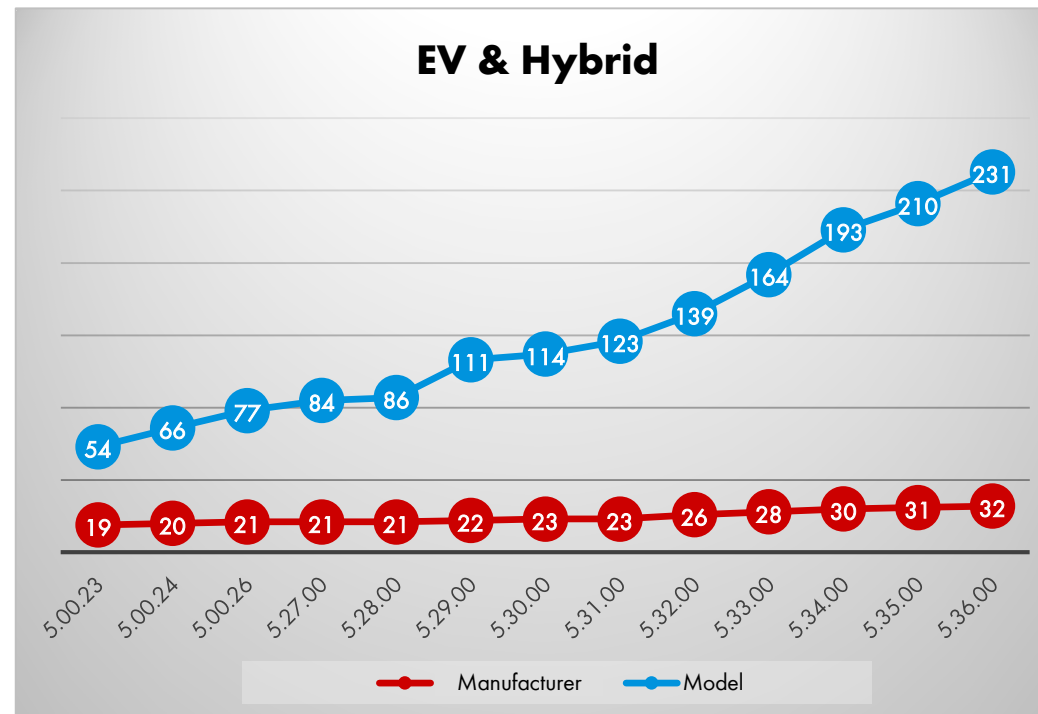## BEV & HYBRID

SOFTWARE UPDATE NEWS

WOW! LOOQIT 5.36.00

Electromobility

New in this update: **Polestar** as manufacturer and the Polestar 2 in diagnostics!

We now support a total of **231 different vehicle models from 32 manufacturers**.

EV & Hybrid

	5.00.23	5.00.24	5.00.26	5.27.00	5.28.00	5.29.00	5.30.00	5.31.00	5.32.00	5.33.00	5.34.00	5.35.00	5.36.00
Model	54	66	77	84	86	111	114	123	139	164	193	210	231
Manufacturer	19	20	21	21	21	22	23	23	26	28	30	31	32

SOFTWARE UPDATE NEWS

WOW! LOOQIT 5.36.00

Electromobility

The development dynamics are remarkable!

As the number of BEV and hybrid vehicles on the market increases, we are also pushing the pace of development! We have our finger on the pulse!

With the update in spring 2023, we will also support TESLA vehicles within the diagnosis!

EV & Hybrid Development

SOFTWARE UPDATE NEWS

WOW! Würth Online World
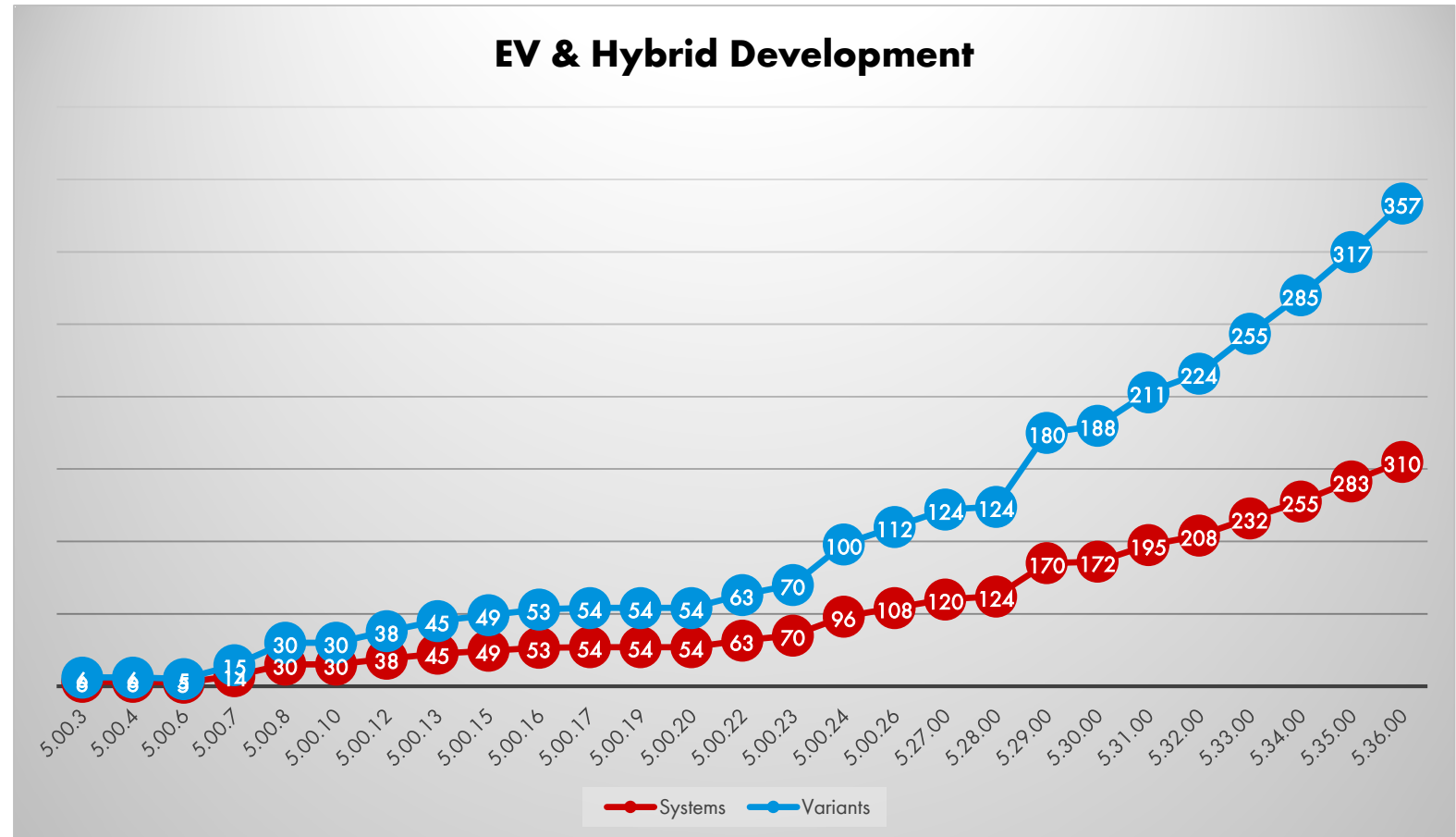
SOFTWARE UPDATE NEWS

WOW! LOOQIT 5.36.00

Windows 7

With the update to WOW! LOOQIT 5.36.00 the supply of Windows 7 systems with updates ends. The software can still be used on the 5.35.01 version, but will no longer receive any software maintenance. It is strongly recommended to upgrade to Windows 10 or 11!

Note: Windows 8 systems will no longer be supported with the spring update 2023!

Security Gateway FCA "light" Support ends

With software version WOW! 5.29.00 (March 2020), access to the FCA Security Gateway was created via the FCA Workshop Portal user.

Since version WOW! 5.33.00 (October 2021), the Security Gateway Portal has been available to all WOW customers. All available manufacturers in the SGW area are combined here.

Since then, dual use of the "FCA Workshop Portal" and "WOW! FCA Security Gateway Portal" has been possible. From the turn of the year 2022 / 2023, we will continue to develop access exclusively via the SGP - the so-called "FCA light" version will be switched off.
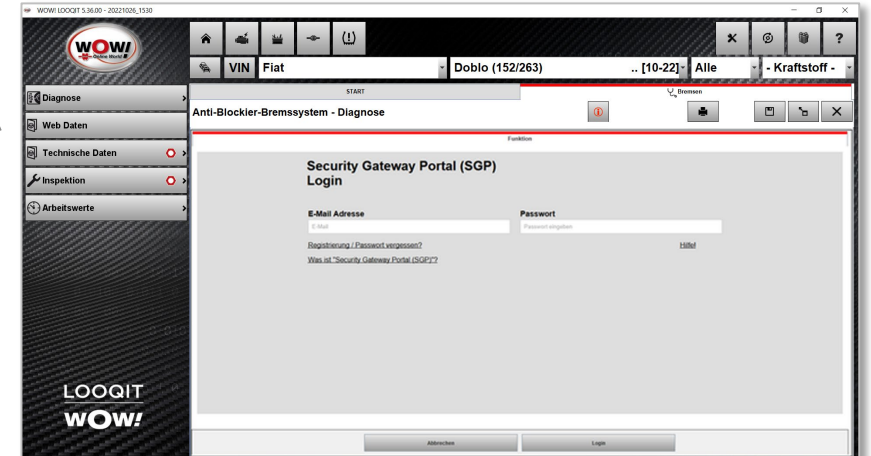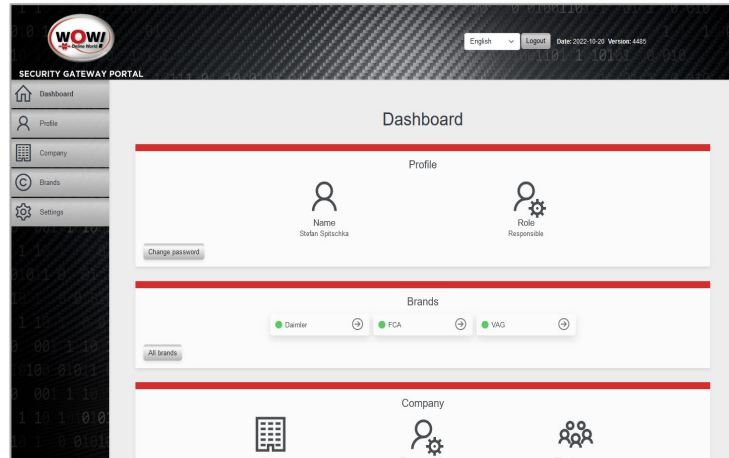
SOFTWARE UPDATE NEWS

WOW! LOOQIT 5.36.00 - SECURITY GATEWAY FCA "LIGHT" SUPPORT END

FCA
User / Password
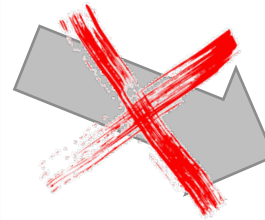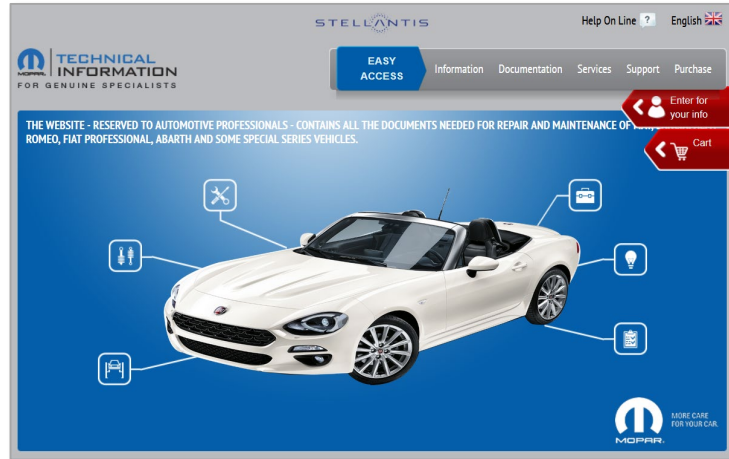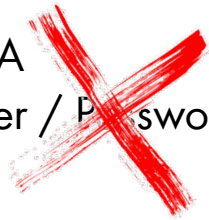
WOW SGP
Email / Password

DO YOU ALREADY KNOW THE SECURITY GATEWAY PORTAL?

WOW! Würth Online World

SGP – AVAILABLE BRANDS

WOW! LOOQIT 5.36.00

All available security gateway vehicle brands are listed in the **SGP (Security Gateway Portal)** Dashboard.
You have to "Enable" each brand as you like to use within the LOOQIT software.

VW AG

Audi	Seat
Skoda	VW

FCA

Alfa Romeo	Fiat
Jeep	Lancia

MERCEDES

Mercedes
Smart

More information:
www.wow-portal.com/securitygateway_en

SECURITY GATEWAY PORTAL (SGP)

WOW! LOOQIT 5.36.00

VW AG Security Gateway

Vehicles currently affected

Audi	Cupra	Seat	Skoda	VW
• Audi A3 20- • Audi Q4 e-tron 21-	• Cupra Leon IV 20- • Cupra Formentor 21- • Cupra Born 22-	• Seat Leon IV 20-	• Skoda Octavia IV 20- • Skoda Enyaqe 21-	• VW ID.3 20- • VW ID.4 21- • VW Golf VIII 20- • VW Caddy V 21- • VW Transporter T7 22- • VW Multivan T7 22-

SECURITY GATEWAY PORTAL (SGP)

WOW! LOOQIT 5.36.00

FCA Security Gateway

Vehicles currently affected

Alfa Romeo	Fiat	Jeep
• Giulia • Stelvio	• 500 E • 500 L • 500 X • Doblo [10-] • Tipo [15-]	• Compass [17-] • Renegade • Wrangler [07-]

Mercedes CeBas

Vehicles currently affected

| Mercedes |
|---|
| • AMG GT 4-Door Coupé [X290]
• C-Class [W206]
• CLS [C257]
• E-Class [W213]
• E-Class Coupé [C238]
• EQE [V295]
• EQS [V297]
• S-Class [V223]
• SL [R232] |

SGP – FUNCTIONALITY

WOW! LOOQIT 5.36.00

During diagnosis with a security gateway protected vehicle a connection screen appears, where you can log in with your specified SGP user name (email address) and password.

Detailed instructions can be found in the **SGP user guide** on the website.
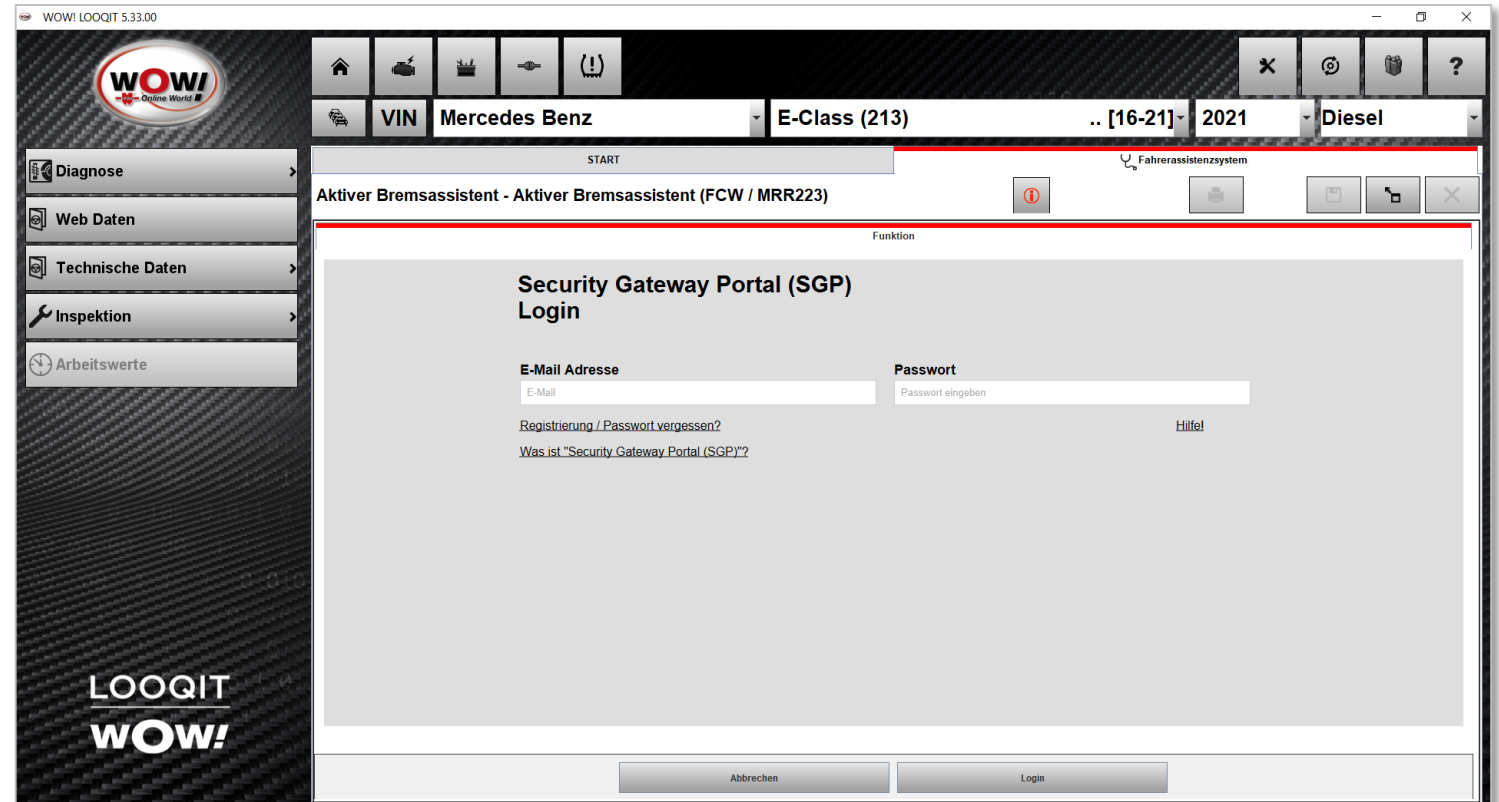
More information:
www.wow-portal.com/securitygateway_en

SGP – IMPORTANCE FOR THE WORKSHOP

WOW! LOOQIT 5.36.00

(Multi-brand) workshops need a competent partner who can provide easy access to security gateway protected vehicles.

- More and more manufacturers are using security gateway systems in their vehicles

- Each manufacturer has its own access requirements.

- Each user must register and log on to different systems.

- Access to SGW-protected systems from the manufacturers is partly only possible via approved, certified diagnostic software such as WOW!
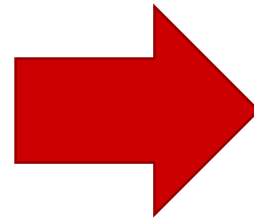
WOW! is the competent partner who helps to stop the chaos before it starts! The solution is called WOW! Security Gateway Portal (SGP).

- All available manufacturers are grouped together on the Security Gateway Portal.

- WOW! takes over the access negotiations with the manufacturers.

- WOW! customer only has to log on to the SGP (Security Gateway Portal) to be able to process all available manufacturers.

- One-time authentication on the portal for all manufacturers.

SGP – BENEFITS FOR THE WORKSHOP

WOW! LOOQIT 5.36.00
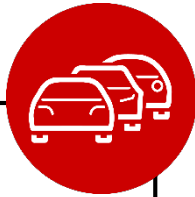
Everyday work

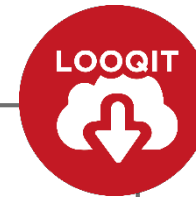**Many manufacturers under one roof**

For manufacturer-independent and multi-brand working on vehicles secured with security gateway systems.

Authentification

Simple and unique from the start

One-time authentication of only one responsible person as well as easy addition of further users.

User interface

Familiar but still new

Familiar and consistent user interface with well-known terms in the LOOQIT software.

All-inclusive

Added value at no extra cost

No additional costs when using a valid diagnostic license.

More information:
www.wow-portal.com/securitygateway_en

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