



NEW DEVELOPMENTS IN THE AREA OF SECURITY GATEWAY (SGW)

Modern vehicles have been equipped with increasingly comprehensive comfort and assistance systems for several years. A disadvantage of this increasing connectivity is the vulnerability of such systems to unauthorized attacks by third parties. After Fiat Chrysler Automobiles N.V. (FCA) started implementing the Security Gateway (SGW) control unit in various vehicles since model year 2018, other vehicle manufacturers are also working on security solutions to be able to prevent hacking attacks. This also means, however, that the diagnosis in the workshop can no longer be carried out fully and easily via on-board diagnosis (OBD). With the release of the diagnostics update 5.29.00 in February 2020, it is possible to perform a full diagnosis on vehicles with Security Gateway systems from FCA with the software of WOW! Würth Online World GmbH (WOW!). In summer 2021, the solution from WOW! for diagnosing vehicles equipped with SGW will be expanded.

SOLUTION FOR MERCEDES-BENZ VEHICLES WITH SECURITY GATEWAY

Already since the release of the software update 5.28.00 in November 2019, "WOW! customers with the diagnostic software have the possibility to communicate with "firewall" protected Mercedes-Benz vehicles (...) related to electronic ignition lock, immobilizer (...)," explains Markus Kühnemann, Head of Division Auto at WOW!. Starting with the model year 2021, the car manufacturer Mercedes-Benz will also protect its latest vehicle models with online certificate-based diagnostics. An integrated CeBAS (Certificate Based Automotive Security) solution in the diagnostic software is planned for summer 2021.

ONE INTERFACE FOR DIFFERENT SECURITY SYSTEMS

Other vehicle manufacturers are developing and using similar security solutions. At the same time, the growing number of manufacturer specific security measures leads to increasing complexity in vehicle diagnostics for workshops, as each manufacturer provides its own access for the online registration.

In order to present the manufacturer specific and therefore different processes in a uniform manner and to provide workshops with easy access, the company is developing in the diagnostics software an interface, so-called **Security Gateway Portal (SGP)**, for the manufacturers' security systems. The aim is to help customers, especially independent and multi-brand workshops, to achieve a fast and easy repair success, even with the increasing number of encrypted vehicles in the future. From summer 2021, the SGP will be available in the software for customers.

ABOUT WOW! WÜRTH ONLINE WORLD GMBH

WOW! is the specialist for workshop equipment within the Würth Group. Workshops and car dealerships can obtain future-proof, intelligent solutions from the own development in the areas of vehicle diagnostics, exhaust emission testing and air conditioning service. "Solutions from the workshop for the workshop" is the motto of the company, which in cooperation with the Würth Group offers high quality products, complete solutions and service concepts from a single source. Worldwide, 50,000 customers, including service companies, car dealers, suppliers and vehicle manufacturers from 40 countries rely on the diagnostic solutions of WOW!. Further information is available at www.wow-portal.com.

PRESS RELEASE



Media contact

WOW! Würth Online World GmbH

Jasmin Horndacher

Schliffenstraße 22

74653 Künzelsau, Germany

Phone: +49 (0) 79 40 / 9 81 88 10 50

Fax: +49 (0) 79 40 / 9 81 88 10 99

marketing@wow-portal.com

www.wow-portal.com