



**WOW! / diagnostic update 5.29.00, application FCA Security Gateway**

## WOW! DIAGNOSTIC SOFTWARE UPDATE 5.29.00 ENABLES THE DIAGNOSIS OF ENCRYPTED MODELS OF FCA

**Künzelsau - April 2020 - The latest diagnostic version of WOW! supports 70 manufacturers, 1,446 vehicle models with more than 12,470 different motorizations. This represents an increase of 1.12 % compared to the previous version. The main focus is on the application for diagnosing encrypted models of FCA.**

Modern vehicles are being equipped by manufacturers with increasingly comprehensive comfort and assistance systems, which can be susceptible to unauthorised attacks by third parties. For this reason, vehicle manufacturers are developing solutions to prevent hacker attacks. This means that diagnostic communication with the vehicle in the workshop can no longer be carried out fully and easily via on-board diagnostics (OBD). The car manufacturer FCA (Fiat Chrysler Automobiles N.V.), has been equipping some of its latest models with a so-called "Security Gateway" (SGW) since 2017 and is locking out unauthenticated workshops.

### **RELEASE OF SECURITY GATEWAY APPLICATION FOR FCA MODELS**

In cooperation with the Fiat Group, WOW! has worked on a software integration of the authentication process into the WOW! diagnostic system. Despite the current corona crisis, the application could be integrated as announced in spring 2020. The diagnosis of encrypted FCA models is available to users of the WOW! Diagnostic Systems since 21.04.2020. Only the integration into the WOW! Emission software is still under development due to the current situation.

Markus Kühnemann, Head of the Auto Division of WOW! Würth Online World, is more than satisfied with the solution: *"Thanks to the cooperative partnership with Fiat Chrysler, our development department was able to create a user-friendly solution in the area of security gateway for our customers. The Swedish and German colleagues from development and product management have once again shown that we are tackling the challenges of the workshops and offering high quality products. Even in times of "Corona - Lock- Downs" of many countries, especially Italy where the development of the Fiat Group is located. The most important thing for us is to save our customers' time. We achieve this through the central acquisition of the prescribed security keys from FCA. "*

Furthermore, the management of WOW! also emphasizes that this solution demonstrates the success of a partnership with OEMs and confirms the offensive and transparent communication against the bridging modules widely used on the Internet.



## **INSTRUCTIONS FOR USING THE SGW SOLUTION ONLINE AVAILABLE**

To erase fault codes, activate components or enable adjustment of settings such as resetting service lights, workshops must purchase a certificate from FCA at a charge. For this, all users must be registered and connected online to the FCA server during diagnosis.

The connection dialog to FCA appears automatically in the WOW! software as soon as an SGW is detected in the vehicle. Detailed instructions are provided by the diagnostic specialist via a step-by-step guide on the website and in the diagnostic software as well as a video tutorial.

*"In addition to comprehensive instructions on the Security Gateway application, our colleagues from the sales, hotline and training departments are available to answer queries with their usual professionalism. Especially in the current Corona pandemic, our customer service is our most important asset - also contactless via webinar."* says Kühnemann.

## **SECURITY GATEWAY DEVELOPMENT WORK EXTENDED TO OTHER MANUFACTURERS**

Since other vehicle manufacturers are already on the starting blocks with similar safety precautions, development work has been expanded in this regard. Work is also underway on a solution for CeBas (Certificate Based Automotive Security) encryption from Mercedes Benz. A release is planned for the first half of 2020. *"Already now WOW! customers have the possibility to communicate with "firewall" protected Mercedes Benz vehicles with the WOW! diagnostic software (...) related to EZS electronic ignition lock, immobilizer (...)."* explains Kühnemann.

The encryptions expected in the future from Volkswagen, Renault or Nissan are implemented in the development plan and should gradually be integrated into the WOW! Diagnosis. In the long term, the WOW! Software shall act as the central control of the various access rights.

## **FURTHER CONTENTS WOW! DIAGNOSTIC UPDATE 5.29.00**

WOW! customers find an extended coverage with update 5.29.00 in the field of calibration of driver assistance systems (ADAS) in the area of camera and radar calibration.

Around 68 % of all newly developed diagnostic functions concern vehicles from 4 years and older for the 5.29.00 update.

Detailed information on the update as well as the complete diagnostic coverage can be found directly in the WOW! Diagnostics software under "Help" or on the website at [http://www.wow-portal.com/updates\\_en](http://www.wow-portal.com/updates_en).



## **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](http://www.wow-portal.com).

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