BODAS-service 4.x
Flash- and Service-Tool for Electronic Devices

The most important requirements for the flash- and service tools are intuitive usability and quick system analysis. This also includes simple integration of customer specific applications. With the new generation of BODAS-service, Bosch Rexroth offers a standardized and secure solution for flashing and diagnosing of control units to increase efficiency during commissioning and trouble-shooting. BODAS-service 4.x is suitable for RC/40 controllers, directional valves EHS series 2x as well as for Off-Highway Inverters, Ultrasonic and Radar Sensors from Bosch – in general all electronic devices following UDS and ODX standards.

CUSTOMER BENEFITS

- Higher efficiency due to Modular BODAS-app concept
- Extendable and future-proof service solution
- Increased security and protection of the intellectual property
- Regular updates within Maintenance and Service Package
- Authoring tool for configuration of customer-specific Service Apps
- Various license models for different needs

ELECTRONIC DEVICES

FUNCTION AND BENEFITS

Higher efficiency due to Modular BODAS-app concept
The individual visualization of parameters, measurement values and diagnostic trouble codes is a part of customer-specific Service Apps. There are different kinds of Service Apps: Standard, Dashboard and Custom (HTML). They can be installed additionally to increase the efficiency during commissioning and trouble shooting. The basic functions, like network identification and flashing, are provided with the installation files of BODAS-service.
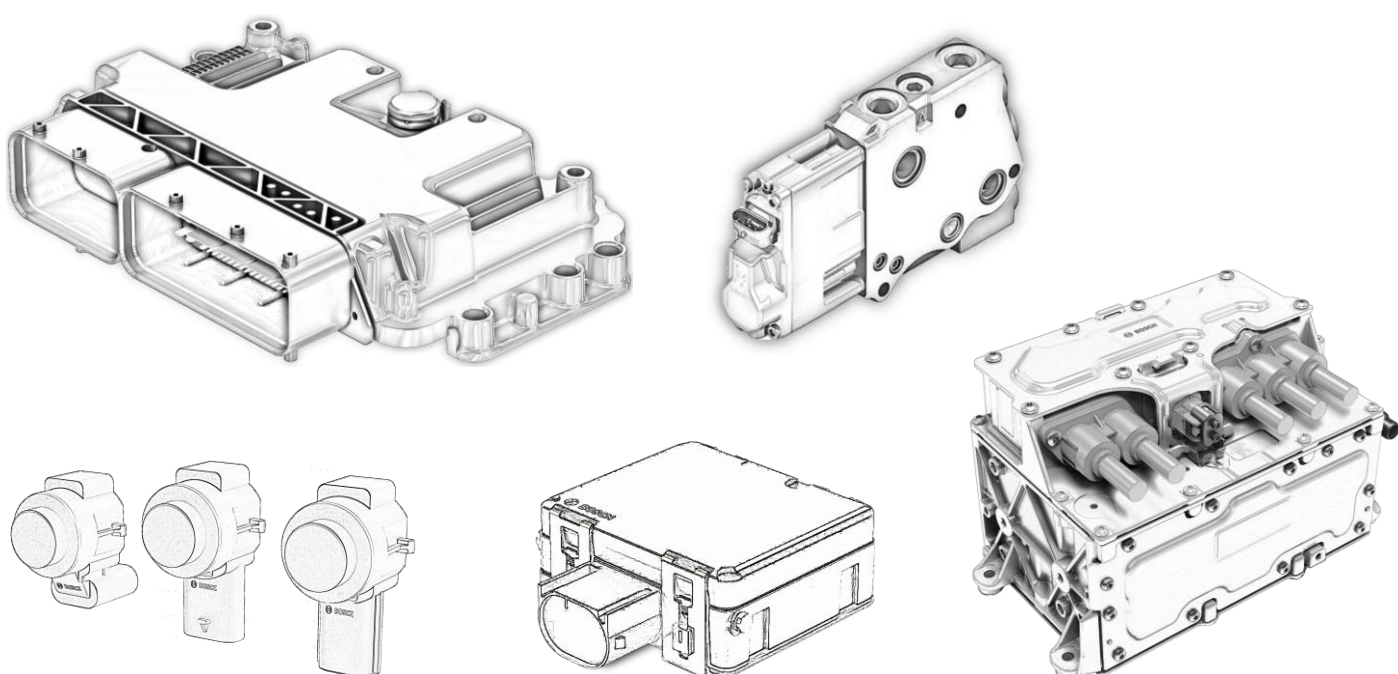
Extendable and future-proof service solution
BODAS-service 4.x is the diagnosis-tool for Bosch Rexroth electronic devices. It is also extendable to further units following the international standards. The standards guarantee high product quality, reliability and safety. They also provide vital confidence to the customers that the product will be sustainably enhanced and developed in the future.

Increased security and protection of the intellectual property
The individual distribution of the Service Apps and their protection by the Rexroth specific encryption, secure the access to the know-how about the application software from the third parties. The Service Apps are saved on a PC and the user roles are managed by BODAS-service 4.x. This concept prevents the issues from hacking and improves the efficient usage of the resources.

BODAS-service 4.x
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TECHNICAL DATA

BODAS-service 4.x

Computing devices:	PC, notebook or tablet PC
Operating systems:	Windows 10 (64-Bit)
Rexroth devices:	Controllers RC/40 series Directional valve EHS series 2x
Bosch devices:	Ultrasonic sensors USS Off-Highway Radar sensors RADAR Off-Highway Inverter INVCON3.3 Off-Highway
Vehicle communication interfaces:	CAN-USB interface from Rexroth and further interfaces from PEAK, Vector, Kvaser and Softing acc. to ISO 22900-2
Standards:	UDS ISO 14229-1, ODX ISO 22901-1 and OTX ISO 13209
Licenses:	USB-dongle license and Softkey-license
Installation files:	www.boschrexroth.com/p-BODAS-service
Updates:	Regularly within Maintenance and Service Package (MSP)
Authoring Tool:	BODAS-service Editor (for Service Apps)
Data sheet:	95087

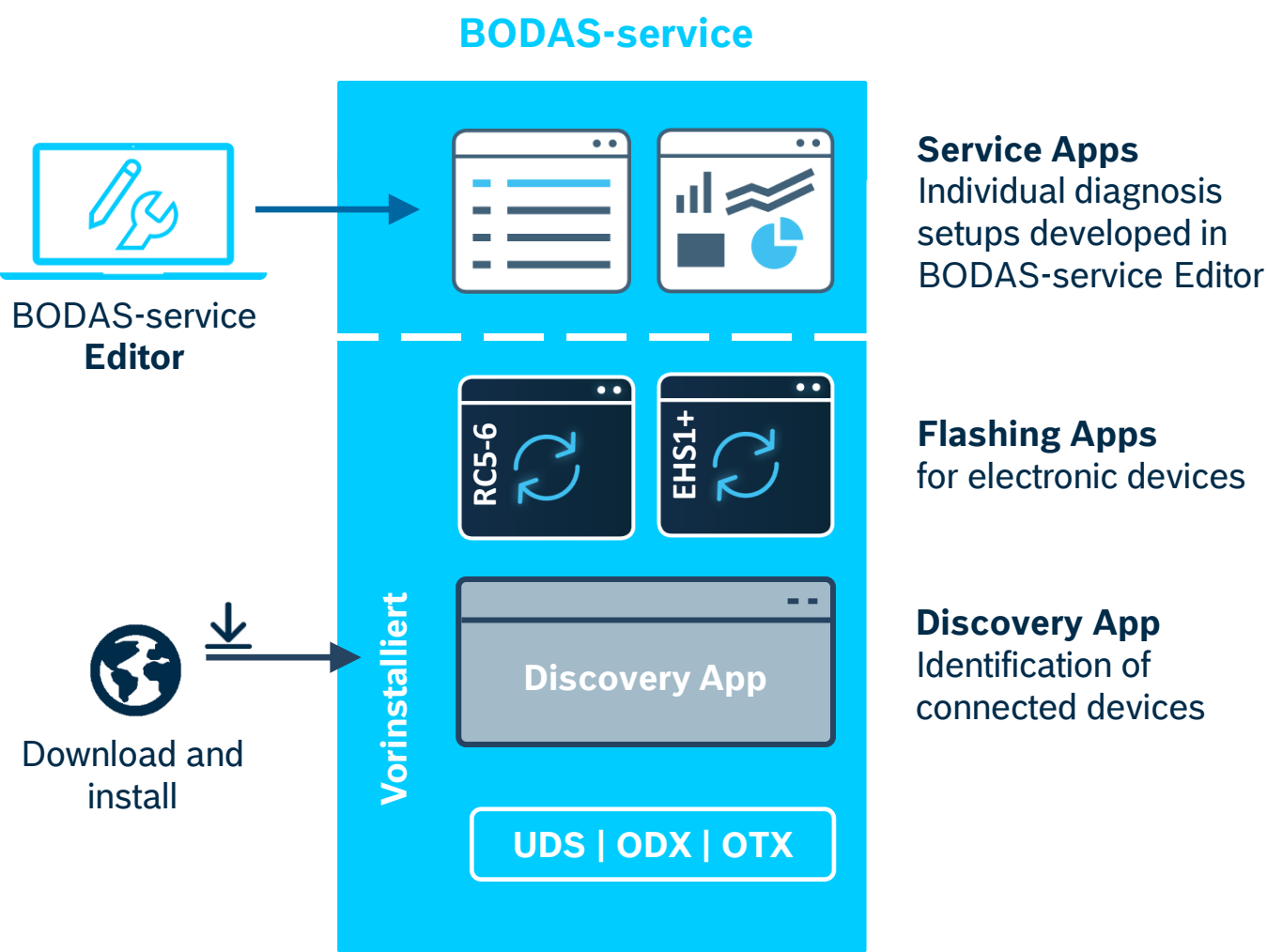**Regular updates within Maintenance and Service Package**
Within the Maintenance and Service Package (MSP) the users are entitled to download the updates of BODAS-service to profit from the newest features. These will make the diagnosis even more efficient and user friendly. The updates will be regularly provided on www.boschrexroth.com/p-BODAS-service.

Authoring tool for configuration of customer-specific Service Apps
The Rexroth BODAS-service 4.x includes the authoring tool BODAS-service Editor on top. This tool allows the software developers to create customer specific Service Apps for different use cases: Quick diagnosis software features, special apps for end-of-line calibration and more.

Various license models for different needs
BODAS-service is a licensed product. There are two kind of licenses that fulfill different user needs: The software can be installed on multiple PCs and run on one with a USB-dongle license. This license model is optimal for the users that do not need the software regularly. Alternatively, a Softkey-license fixed to a PC can be chosen. This license model is right for the users who need the software frequently or do not have place for the USB-dongles. Both license types are just one-time payments.

BODAS-app Concept