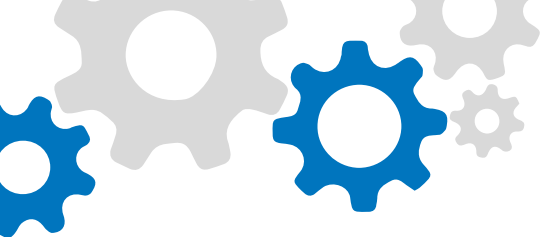


Offboard Diagnostic Information System Service

Version 23.0.1

Release Notes





System requirements (as of June 2023)

Hardware requirements:

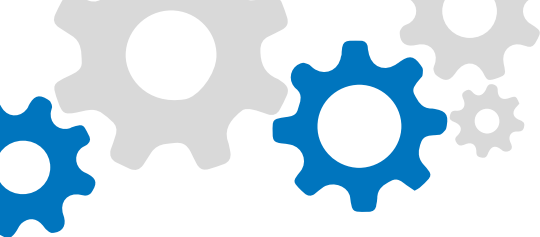
- CPU minimum 2GHz recommended
- RAM \geq 4 GB
- Free hard disk storage \geq 100 GB, standard file system NTFS
- The software uses standard windows installation paths

Supported tester hardware:

- Getac S410 / Getac S410 Performance
- Panasonic CF-54
- VAS 6150C, VAS 6150D, VAS 6150E, VAS 6150F
- VAS 6160B, VAS 6160C, VAS 6160E (To be used in landscape format only)
- VAS 6154 or VAS 6154A with following restriction:
It is recommended to use the USB connection type. When using the WLAN infrastructure, an address conflict may occur if the IPv4 address range 192.168.250.x is used in the local subnet. Communication between the tester, diagnostic interface and vehicle is not established because the vehicle subnet also has the IPv4 address range 192.168.250.x permanently implemented. Currently, the only recommended solution is to change the address range of the local subnet. Please contact your responsible administrator.

Software dependencies:

- Windows 10
- Installed libraries (DLL) for Microsoft Visual Studio 2010: vc_redist_x86.exe
- Installed Visual C++ Redistributable x86 for Microsoft Visual Studio 2010: vc_redist_x86.exe
- Internet Explorer 11.0
- Adobe Acrobat Reader Version 11 or Adobe Acrobat Reader DC
- Font „Arial Unicode MS Regular“



Productconfiguration

Software:

- Release name: Offboard Diagnostic Information System Service 23.0.1

Vehicle Connection:

- Version of ECF: 57.6.2
- Version of VW-MCD: 20.0.0
- Version of VW D-PDU API: 27.2.0

Measurement Technology:

- Version of high voltage measurement technology: 23.2.0

Java Runtime Environment:

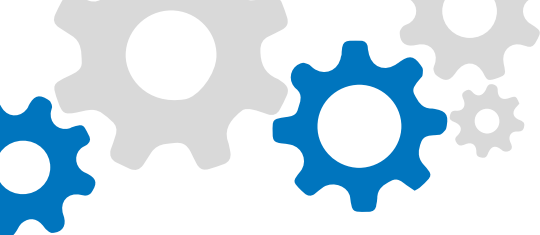
- Version of Java Runtime Environment:
OpenJDK11U-jdk_x64_windows_hotspot_11.0.17_8



Restrictions

Adobe Reader DC:

In some cases the Offboard Diagnostic Information System Application crashes, when the tester is places on or removes from the docking station and the Release Notes are open at the same time. To counteract this, please update to the latest Acrobat Reader DC version. This is available free of charge on the Adobe homepage.



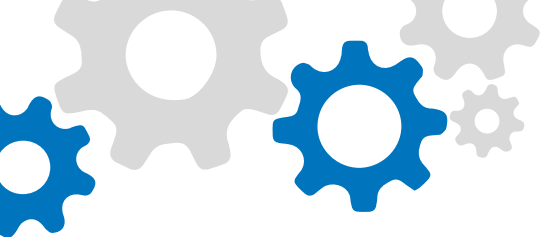
Firewall Configuration

During **ethernet electronic control unit communication (DoIP)** with the application Offboard Diagnostic Information System Service, the existing configuration of the local firewall, especially on Windows 10, can prevent the execution of certain functions (e.g. flash process of ICAS1). If you detect such a problem, please proceed as follows:

1. Please contact the responsible Administrator.
2. The Administrator will provide you a firewall configuration that includes the following six rules:

1. Configuration:	Communication between Offboard Diagnostic Information System Service and VAS 6154(A) TCP
Direction:	Incoming
Firewall profile:	Public network
File path to be shared:	%ProgramFiles% (x86) \Volkswagen\VAS6154 Driver\ VAS6154App.exe
Protocols & Ports:	TCP / local port / 6154
Local IP-Adresse:	Any IP address
Remote IP-Adresse:	192.168.13.69, 192.168.13.100-192.168.13.254

2. Configuration:	DoIP-Kommunikation between Offboard Diagnostic Information System Service and VAS6154(A) UDP
Direction:	Incoming
Firewall profile:	Public network
File path to be shared:	%ProgramFiles% (x86)\Volkswagen\VAS6154 Driver\ VAS6154App.exe
Protocols & Ports:	UDP / local port / 6154
Local IP addresses:	Any IP address
Remote IP address:	192.168.13.69, 192.168.13.100-192.168.13.254



3. Configuration: DoIP communication between Offboard Diagnostic Information Service and VAS6154(A) TCP

Direction: Incoming

Firewall profile: Public network

File path to be shared: %ProgramFiles%\OS\OffboardDiagLauncher.exe

Protocols & Ports: TCP / local port / 4500, 13400

Local IP addresses: Any IP address

Remote IP address: 192.168.13.69, 192.168.13.100-192.168.13.254

4. Configuration: DoIP communication between Offboard Diagnostic Information Service and VAS6154(A) UDP

Direction: Incoming

Firewall profile: Public network

File path to be shared: %ProgramFiles%\OS\OffboardDiagLauncher.exe

Protocols & Ports: UDP / local port / 4500, 13400

Local IP addresses: Any IP address

Remote IP address: 192.168.13.69, 192.168.13.100-192.168.13.254

5. Configuration: DoIP Broadcast communication between Offboard Diagnostic Information System Service and VAS 6154(A)

Direction: Incoming

Firewall profile: Public network

File path to be shared: %ProgramFiles%\OS\OffboardDiagLauncher.exe

Protocols & Ports: IGMP / all ports

Local IP addresses: Any IP address

Remote IP address: 255.255.255.255

6. Configuration: Multicast communication

Direction: Incoming

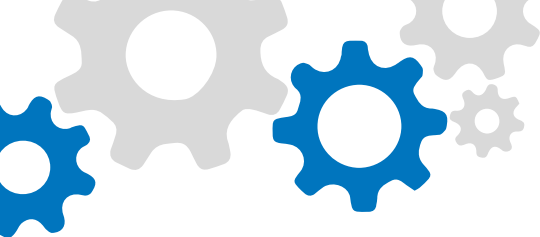
Firewall profile: Public network

File path to be shared: %ProgramFiles%\OS\OffboardDiagLauncher.exe

Protocols & Ports: All protocols / all ports

Local IP addresses: Any IP address

Remote IP address: 239.255.1.1 - 239.255.1.2

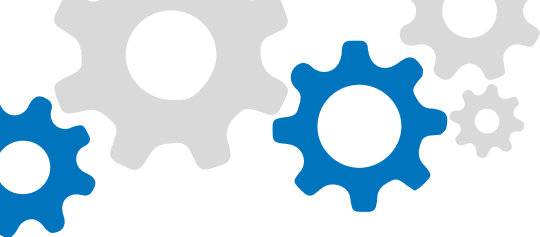


Resolved defects in version 23.1.0

The resolved defects fixed in version 23.1.0 are listed in this section.

Offboard Diagnostic Information System Service 23.1.0

- Correction of a security-relevant anomaly



Supported vehicles with version 23.0.1

Approved AUDI vehicles

- All AUDI vehicles are supported.

Approved Volkswagen vehicles

- All Volkswagen vehicles are supported.

Approved Volkswagen Nutzfahrzeuge vehicles

- All Volkswagen Nutzfahrzeuge vehicles are supported.

Approved Seat vehicles

- All Seat vehicles are supported.

Approved Skoda vehicles

- All Skoda vehicles are supported.

Approved Bentley vehicles

- All Bentley vehicles are supported.

Approved Lamborghini vehicles

- The following Lamborghini vehicles are supported:
Gallardo from MY09-MY14 (only immobilizer and radio PIN code), Aventador, Huracán, Urus and Revuelto.

Approved Bugatti vehicles

- Bugatti Veyron and Bugatti Chiron are supported.

Approved MAN vehicles

- MAN-TGE is supported.