



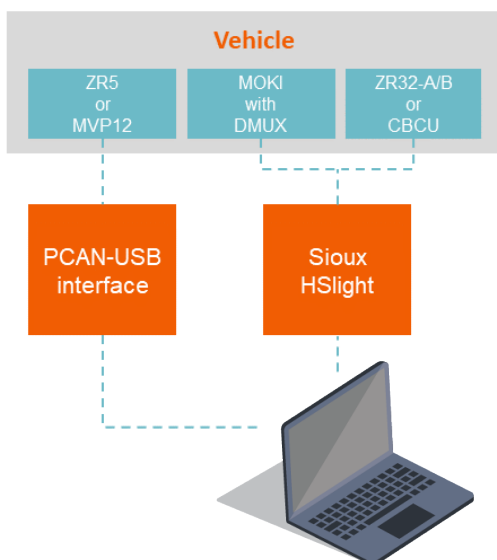
Sioux Automotive Service Tool

The Sioux Automotive Service Tool, developed by Sioux Technologies is a powerful PC tool that answers the need in the market for vehicle diagnostics and software download on the Continental KIBES32/KIBES5 multiplex system.

By connecting the vehicle through the Sioux Automotive HSlight or PEAK-System PCAN-USB to a PC it is possible to download software for several KIBES ECU's. It is also possible to change parameter settings and perform diagnostic actions.

Applications

The multi-language Automotive Service Tool can be used in the R&D, End of Line (EOL) or Service area.



Knowledge and expertise

Sioux Automotive Solutions has more than 20 years of experience in embedded systems development for automotive applications. We support OEMs and suppliers in developing and integrating software and hardware for control systems, HMI and connectivity solutions. Sioux can also take over responsibility for development of E/E architectures on vehicle level. Our focus is on specific market segments such as trucks, buses, passenger cars niches and special vehicles. Specific vehicle knowledge is available for these market segments.

Connections

- Vehicle side: OBD-II or Sub D connector
- PC side: USB type A

Features

- Plugins available for:
 - Continental ZR32-A/B
 - Continental DMUX32 and DMUX3
 - Continental CBCU3
 - Continental MVP12
 - Continental ZR5
- CAN communication
- KWP2000 communication
- Realtime I/O Monitoring option for ZR32-A/B
- Environmental Data option for ZR32-A/B
- Optional: customization of the GUI

Technical Specifications

Sioux Automotive Service Tool

PC System requirements for Main Framework

Operating System	Windows 7 - Windows 10
Memory	150MB of free space on the hard disk
USB ports	1 USB port for connecting the hardlock/dongle 1 USB port for connecting the interface
Screen Resolution	Minimal 800x600 pixels
Additional	Administrator rights for installing software

Available Plugins/Features

Continental ZR32-A/B, ZR5	Central body controller of the KIBES® product family
Continental DMUX32 and DMUX3	Display node of the KIBES® product family
Continental CBCU3	Body controller of the KIBES® product family
Continental MVP12	Continental's full digital instrument cluster
ZR32-A/B Realtime I/O Monitoring	Feature, additional for use with ZR32-A/B Plugin Enables realtime monitoring of in and outputs of the KIBES® system
ZR32-A/B Environmental Data	Feature, additional for use with ZR32-A/B Plugin Enables display of environmental data with when reading faults codes in stored in the KIBES® system

Available Interfaces

ZR32, DMUX, CBCU

ZR5, MVP12

Interface device	Sioux HSLight (Sioux specific)	PEAK-System - PCAN-USB - PCAN-USB FD - PCAN-USB Pro - PCAN-USB Pro FD (Commercial off the shelf, www.peak-system.com)
Protocol	- CAN High Speed (ISO 11896-2) - K-Line and L-Line	CAN UDS (ISO 14229-Z)

Available Interfaces

Interface device	Sioux HSLight OBD Cable Sub D15 Custom Cable	PEAK-System OBD Cable Sub D9 Custom Cable
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