

Please fill in the points below as detailed as possible to enable the best possible understanding of your requirements and expectations. If any points are unclear, these can also be clarified in the further course.

Hardware

Power Supply

- OBD-II Breakout-Box/Banana connector
 Physical ignition available

WakeUp-Setup

- Ignition
 CAN-Traffic
 Modem

Vehicle Interfaces

- OBD-II
 FMS/J1939
 CAN (Amount: ____) CAN-FD (Amount: ____)
 FlexRay
 Automotive Ethernet / BroadR-Reach
 Ethernet

Logging

Protocols

- CAN/CAN-FD FMS J1939
 FlexRay
 CAN Calibration Protocol (CCP)
 Universal Measurement & Calibration Protocol (XCP)
 CAN/CAN-FD
 FlexRay
 Ethernet

Type

- Full-Trace
 Continuous
 Triggered

Format

- MF4
 CSV
 ASC

Diagnostics

Protocols

- UDS (ISO 14229)
 ISO-TP (ISO 15765 – CAN/CAN-FD, FlexRay)
 DoIP (ISO 13400)
 OBD (ISO 15031)

Format

- RAW
 Human-readable

Streaming

Endpoint

- Native MQTT Broker
- Microsoft Azure
 - IoT Hub
 - Event Hub

Direction

- Flea 4+ → Cloud
- Cloud → Flea 4+

Rapid Prototyping

Level

- Configurable
- Low-Code Editor
- Lua Scripting

Interaction

- Access to onboard services
- RemoteLED-Button
- Remote Validation on Flea 4+*

Cloud Support

- Microsoft Azure
- Amazon AWS*
- Bosch IoT Insights

- Pantaris (ETAS GmbH)
- Custom

Storage

- CarMedialab's cloud
- Customer cloud
- Public cloud

Mobile Data

- Customer SIM

Region

- EMEA/APAC
- N. America

Data Volume

- 1 GB
- 2 GB
- 5 GB

* planned for 2023

Sensors

- | | |
|---|--|
| <input type="checkbox"/> GPS | <input type="checkbox"/> Analog inputs |
| <input type="checkbox"/> Motion (accelerometer, gyroscope, compass) | <input type="checkbox"/> IP camera |

Connectivity

- Mobile communication (\leq LTE) - obligatory
- Bluetooth
- Wi-Fi

Service Level

- Consultance (Customer provides requirements/expectations, CarMedialab takes care)
- Support (Customer requests assistance as needed)

Additional Notes

If you have additional comments, constraints or aspects that have not been covered so far, please list them here:

Feedback

How did you become aware of CarMedialab?



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