Flea 4+

CarMedialab

Service Plan 2023

Management	Core	Professional
Account Management	x	x
Device Management	x	x
Fleet Management	x	x
Reporting	x	x
Softwareupdate over the Air	x	x
Service Desk	x	x

Data	Core	Professional
Access (REST-API)	x	x
Storage	10 GB	30 GB

Tooling	Core	Professional
DCC-Client	x	x
Flea Cockpit	x	x

Diagnostics	Core	Professional
Script Diagnostics (UDS, OBD, DoIP, J1939)	x	x

Logging (Monitoring/Measurements)	Core	Professional
CAN/FlexRay Monitoring	x	x
CCP		x
XCP on CAN/CAN-FD/FlexRay/Ethernet		x
Camera support		x
PLC Monitoring (not available yet)	x	x

Connectivity	Core	Professional
4G*	x	x
Wi-Fi		x
Bluetooth		x
Data streaming (MQTT)		x

3rd Party Interface	Core	Professional
Azure Blob Storage / Azure Datalake Storage Gen2	x	x
Bosch IoT Insights	x	x
Bosch Calponia	x	x
Custom upload	x	x

* Requires valid telecommunication contract

Flea 4+

Included services:

Server provisioning

Hardware

System Software

Virtualization

System monitoring

Data Base

Application Server

Software: Data Clearing Center

Housing in a DIN 27001:2013 certificated computing center

Network component including 1 GB/s connection

Softwaremaintenance / Update

CarMedialab Onboard Software

Data Clearing Center

Data Clearing Center Client

3rd Party

Operating efficiency

Monitoring and control of server system

Data and application backups

Maintenance of server hardware, system software, data and application server

General technology-, compatibility and security updates (implementation, integration and installation)

Automated remote distribution of onboard software on a regular basis including software updates

Telecommunication (optional)

Data transfer between Flea-Box and Data Clearing Center

Mobile services are regulated by end device (Flea 4+ = 4G)

Data volume and region are given by contract

Example:

▸ Data volumen: 1 GB per month

▸ Region: Europe

Options

Fleet management

Setup, change and delete of fleet belonging

Setup, change and delete of user

On request Software maintenance

Technology-, compatibility- and security updates

Customer caused maintenance (such as misuse of interfaces)

Adaption of data processing for fleets (such as forwarding, REST-recall, separate converting)

Activation and billing of TSP contracts

The activation will be given by CarMedialab during system test bevor hand over. During this procedure the version of system software and application will be installed. Special customer-, project-related configuration and application will be respected.

Run time contract will be charged with the first day of the following month

Billing takes place with shipment of device or services for the complete duration of contract. In case of extension, the billing term will start with first month of extension.

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