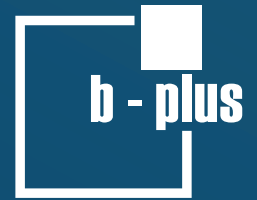


AVETO.dps

Development Software Solution

Precise raw data logging for processing
and recording of data rates over 100 Gbit/s



A high-performance raw data logging solution that combines the stability of a classic data logger with the flexibility of an open platform.

Developed for demanding data acquisition and forwarding, AVETO.dps enables the processing and recording of data rates in the 100 Gbit/s performance class. With its architecture, the system offers high system stability and efficient resource management.

Precise time stamping is ensured by the b-plus XTSS time synchronization service, positioning AVETO.dps as a comprehensive solution for collecting, recording, and analyzing raw data in the ADAS/AD environment.



Virtualization and Architecture

- Trusted cage on own bare metal virtualization
- Support for virtual interfaces in the Guest OS
- Guest OS in virtual box for visualization and processing separated

System supports

Data Sources:

- Ethernet RAW
- CAN (FD)
- LIN
- FlexRay
- Automotive Ethernet
- GMSL / FPD-Link

Data Formats:

- PCAPNG
- MDF4

Software Interface and Data Lake

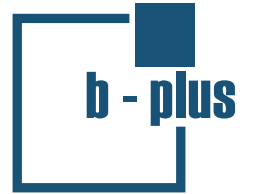
- REST API for monitoring, control, and configuration
- DDS - data distribution service for raw data
- Password protected SMB share
- Generic access from application Guest OS to drop files

Compatible Hardware Platforms

- BRICKplus
- BRICK2
- BRICK25
- DATAlynx ATX4

Interested? Scan the QR Code to get more information on AVETO.dps.
Don't hesitate to get in touch with our experts.





PIONEERING
NEW MOBILITY

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