



Data Logging

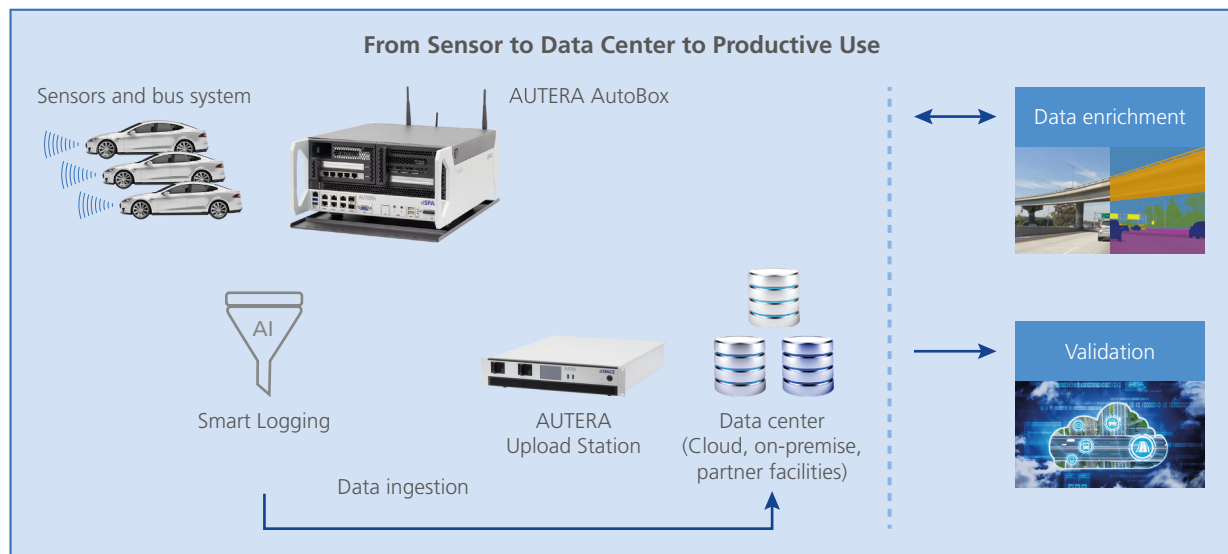
dSPACE solution for in-vehicle data acquisition,
advanced data insight, and integrated data ingestion

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We at dSPACE believe that data from real traffic scenarios are the key resource to make autonomous mobility a safe reality. Our mission is to optimize data logging, enabling it to swiftly respond to new iterations of training and validation and to allow for very short data cycles. Therefore, we offer you a comprehensive solution for easily configurable

in-vehicle acquisition, advanced data insight at the source, and integrated data ingestion. The dSPACE solution is based on the new AUTERA product family, which has been specifically designed to meet the challenging requirements of data-driven development.



Highlights		
Unprecedented performance		<ul style="list-style-type: none"> High in-vehicle bandwidth (50 Gbit/s) Intel® Xeon® CPU with 12 cores (12 x 2 GHz) High-performance NVIDIA® GPU Quadro RTX Up to 32 TB of data storage
Flexibility and modularity		<ul style="list-style-type: none"> Broad selection of interface extension cards (10 GbE, CAN, CAN FD, GMSL II, FPD Link III, CSI II) TAP mode for camera interfaces Easily configurable logging software Plug & play data storage containers
Smart data logging		<ul style="list-style-type: none"> In-vehicle tagging to enrich data and allow filtering at the source or searching the database later Triggered recording with onboard analysis Data anonymization Redundancy reduction
Complete solution		<ul style="list-style-type: none"> In-vehicle acquisition Remote logging configuration Cloud-based fleet management with health status monitoring Mobile application for convenient in-vehicle control and tagging Broad partner network for seamless data ingestion