



## Data Logging

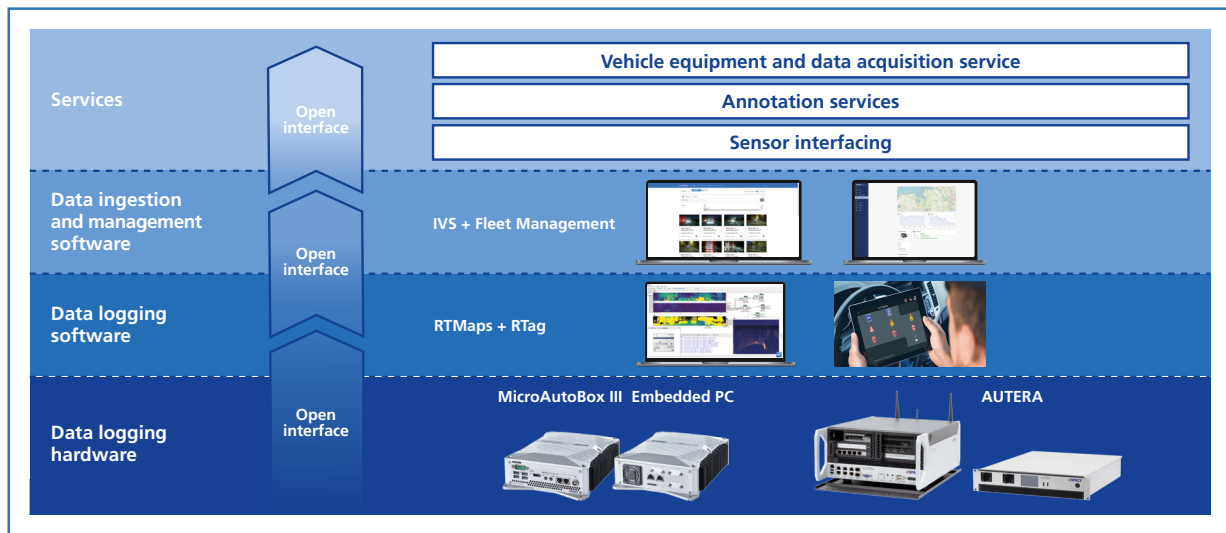
dSPACE solution for in-vehicle data acquisition, advanced data insight, and integrated data ingestion

# Data Logging

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

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 in the ADAS/AD domain.



Highlights		
Unprecedented performance in one device		<ul style="list-style-type: none"> <li>High logging bandwidth (50 Gbit/s sustainable)</li> <li>Intel® Xeon® CPU with 12 cores</li> <li>High-performance NVIDIA® GPU Quadro RTX</li> <li>Up to 64 TB of data storage</li> </ul>
Flexibility and modularity		<ul style="list-style-type: none"> <li>Wide selection of interfaces (Ethernet, CAN (FD), GMSL, FPDLink, FlexRay, LIN)</li> <li>TAP mode on all interfaces (sensor &lt;=&gt; logger &lt;=&gt; ECU)</li> <li>Easily configurable logging software</li> <li>Plug &amp; play data storage containers</li> <li>Extensive support for cameras</li> </ul>
Smart data logging		<ul style="list-style-type: none"> <li>In-vehicle tagging to enrich data and allow filtering at the source or searching the database later</li> <li>Triggered recording with onboard analysis</li> <li>Data anonymization</li> <li>Redundancy reduction</li> </ul>
Complete solution		<ul style="list-style-type: none"> <li>In-vehicle data acquisition platform</li> <li>Data logging and visualization software</li> <li>Remote control and tagging</li> <li>Cloud-based fleet management with health status monitoring</li> <li>Integration and data collection with partner network</li> </ul>