





Unlocking the potential of In-Vehicle Edge Al

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Sonatus | Proven Automotive Software Supplier

End-to-end provider of in-vehicle and cloud software for accelerating vehicle software innovation

Announced OEMs in Production









Tier 1 and Tier 2 Partners

















HYUNDAI **AutoEver**































Our Mission

Partnering with automotive OEMs, fleet operators and suppliers to accelerate vehicle software innovation



Expanding use of Edge AI in Automotive



Efficiency Optimization

enabling dynamic, real-time model execution to optimize powertrain



Predictive Maintenance

Monitoring continuously all components to anticipate failures



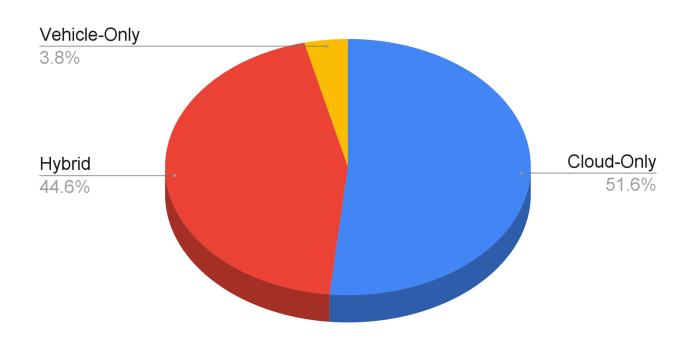
Personalized Experiences

adapting to the unique preferences and habits of each user



CyberSecurity

embedding intelligent threat detection and response mechanisms



Vehicle-Only = Vehicle data & inference Hybrid = Vehicle data, cloud inference Cloud-Only = Cloud data & inference



Essential Infrastructure Requirements



Network Architecture

- Flexible, real-time data access
- The right data at the right time
- Highly configurable, software-defined network architecture



Compute Infrastructure

- Centralized, flexible compute environment
- Diverse application workloads—both Al-driven and traditional
- Dynamic allocation of compute



Data Integration

- High volume data (video, ...), across multiple vehicle domains with metadata or context.
- Dynamic data discovery and runtime reconfiguration



Automotive-specific MLOps

- Required for automotive-specific constraints: safety, standards compliance
- Hardware-aware model optimization, precise ECU targeting,

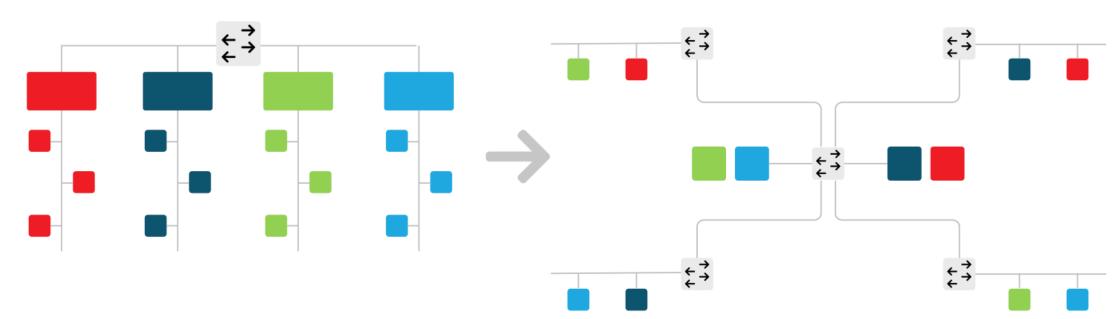


Al Infrastructure enabled by SDV Technologies

The move to modern Ethernet- and IP-based networks—Software-Defined

Vehicles (SDVs)—is crucial for enabling the reliable and scalable deployment of AI within the vehicle.



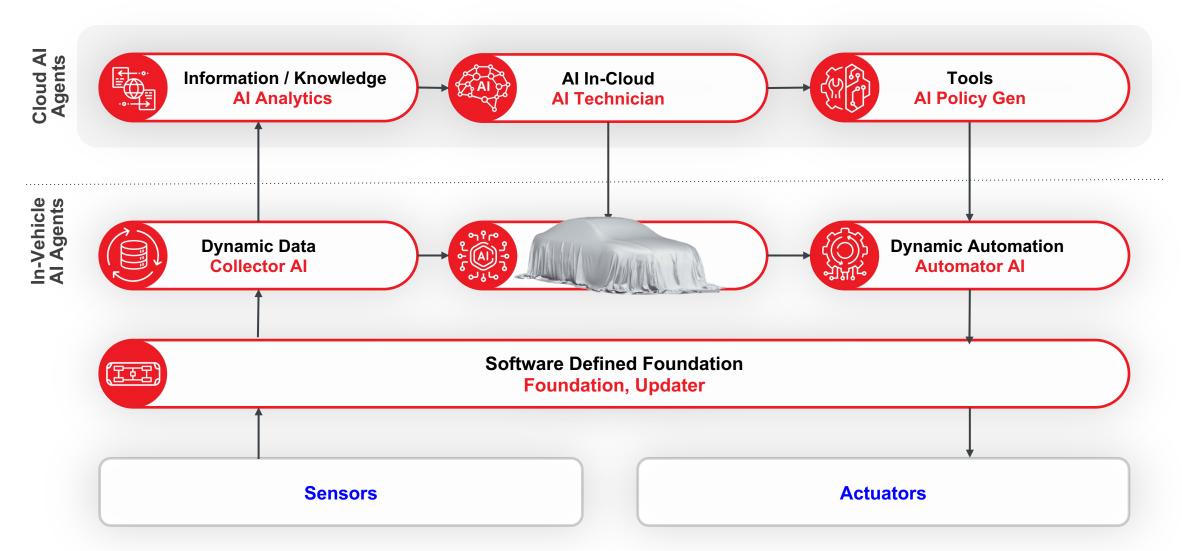


Domain Based Isolated CAN Busses

Ethernet based vehicle network

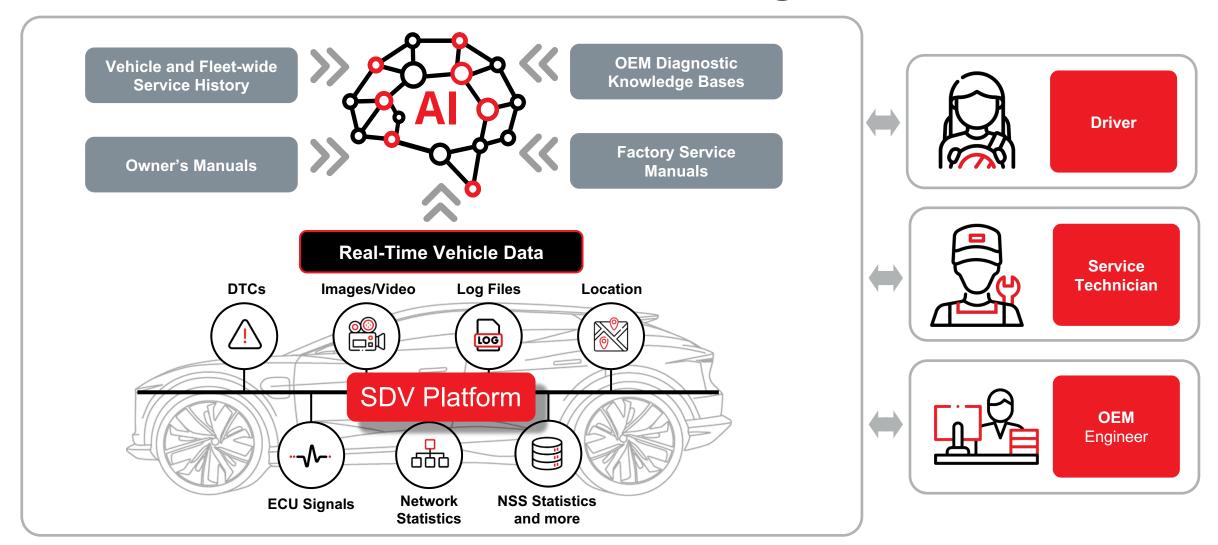


Holistic Approach to Automotive SDV & Al Technologies





Al-Technician as UX Game Changer







Thank You

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