Key Differentiators

CRITERIA	AAI	ANSYS	AWS	BOSCH	dSpace
Platform	Workflow in one Tool with APIs and one GUI.	Workflow in different tools with open APIs.	Workflow in different tools with open partner APIs.	Workflow in different tools with standard APIs.	Workflow in different tools with APIs.
Traffic Scenarios	Customized scenario with AI-Driven Traffic Models.	Customized scenario portfolio with support of AI/ML traffic.	Via partner	Traffic streams with 3rd Party- AI.	Customized scenario portfolio and 3rd Party AI capability.
Maps & Odds	Real-world and synthetic map with ODDs coverage based on sensor data.	Real-world and synthetic map with ODDs coverage.	Via partner	Real-world and synthetic map coverage with ODDs coverage.	Real-world and synthetic map coverage with ODDs coverage.
Verification & Validation	Camera and lidar - Parameter variation for scenarios and dynamic adaptability. SiL ☑ MiL ☑ HiL ☐ ViL ☐	Camera, lidar, and radar including physical models - Parameter variation for edge case scenarios with parallelization. SiL ☑ MiL ☑ HiL ☑ ViL ☐	Primarily Cloud – Rest of the Car systems integrated via partners. SiL ☑ MiL ☐ HiL ☐ ViL ☐	Camera, lidar, radar and Ultrasonic - Parameter variation with failure probabilities. SiL ☑ MiL ☑ HiL ☑ ViL ☑	Camera, lidar, radar and Ultrasonic - Parameter variation algorithm for critical scenarios with parallelization. SiL ☑ MiL ☑ HiL ☑ ViL ☑
Safety/Security Certification	TÜV Certified Compliance SOTIF and ISO 34502.	Compliance with ISO 26262 and other safety standards.	Shared responsibility model for safety compliance.	Compliance with ISO 2626 and certified for ASIL-B for SIL/HIL.	Compliance with SOTIF and ISO 26262 and certified for ASIL-D.
Maturity and Availability	Ready to use by customers.	Already in market products.	Ready to use by customers.	Partly in market products.	Already in market products.

Capgemini