

XiL and Vehicle Validation



DESCRIPTION

Applus+IDIADA provides comprehensive EE testing and validation services by combining our experience in EE design with state-of-the art tools and test facilities.

- SiL and MiL
 - Simulation tools for engine management, ADAS and vehicle dynamics model and software testing
- HIL
 - Component and system HIL benches
 - Integration benches for full-vehicle architecture
 - Test case preparation
- Component
 - Environmental tests: humidity, vibration and temperature
 - EMC chambers for components
 - Customized breakout boxes
- Vehicle
 - DVP preparation
 - State-of-the-art proving ground and test tools: ADAS, ESP, ABS...
 - Full-vehicle test facilities: emissions, HEV, climatic chamber, sun simulation, crash lab and EMC
 - Field operational tests around the world
- Design, construction and operation of components and HIL integration benches