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**

Contact: idiada@idiada.com