

Connected Vehicles



Applus+IDIADA supports your development needs for advanced vehicular technologies including:

- Existing and new ADAS functionalities towards comfort and safety
- Connected and cooperative vehicles applications and services
- Higher levels of vehicle automation to be introduced in different scenarios
- Design of test facilities for CAV

Expertise and know-how during the whole development cycle: from the design stages, through the implementation and including its assessment and validation (both test tracks and open roads)

- ITS V2X network according to European and American standards (WiFi IEEE 802.11p)
- Agreement with ERICSSON and TELEFONICA for vehicle connectivity testing (vehicle to cloud, cybersecurity) in a controlled environment. Proprietary Mobile Network including new 5G technology.

Ability to design and develop Test Facilities and Proving Ground fulfilling our client's requirements based on IDIADA's own experience and approach:

- In-house expertise in international automotive testing, engineering and homologation
- Task force with the participation of experts in all CAV development areas
- Experience to design and implement Test Facilities and Proving Ground fulfilling confidentiality and safety requirements
- Independence from OEM's and test equipment suppliers