Infotainment and HMI

DESCRIPTION

Applus+IDIADA’s experts specify the requirements and work with the supplier to find the desired solution in all the stages: architecture design, development, testing, integration and validation:

- Infotainment architecture and integration
  - Infotainment architecture design
  - Functional definition and supplier management (requirements management, HMI concept supervision)
  - Functional and integration testing

- HMI design and development
  - HMI design and system integration
    - HMI objective evaluation (design guidelines and UX best practices)
    - Analysis of impact of features on HMI (NVR, Alerts and Warnings...)
    - Remote monitoring (via smartphone apps)

- New driving simulator to support new vehicle development programmes with advanced technology in the following areas
  - UI/IxD/UX (dashboard concepts, HAD requirements, etc.)
• AD/ADAS (failure mode analysis, system algorithms validation and calibration, etc.)
• Autonomous vehicle (environmental simulation for CAV, safety validation [Controllability], etc.)
• Control systems