

Applus IDIADA

As a global partner to the automotive industry worldwide we support our clients in their product development activities by providing design, engineering, testing and homologation services to fit their needs.

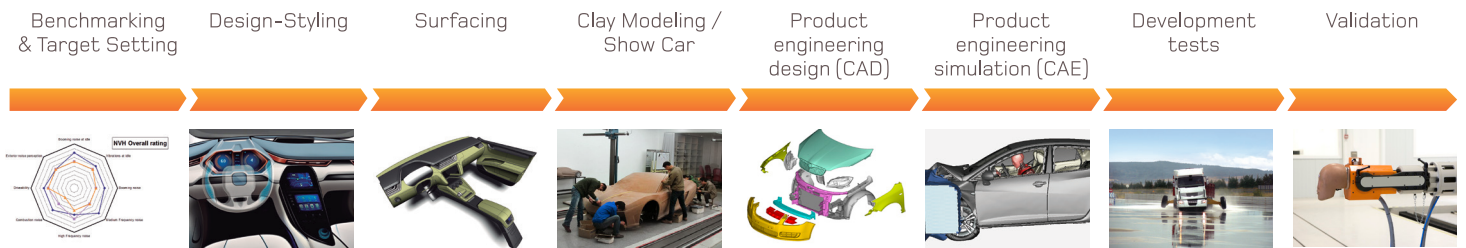
Our success in product development is built on the combination of highly-experienced and motivated engineers and best-in-class test and development facilities, client focus and the constant drive towards innovation.

A large team of more than 2.700 professionals, as well as an international network of subsidiaries and branch offices in 24 countries ensure clients are given fast and customized service.

Complete Development Projects

Comprehensive engineering capabilities for turnkey vehicle development projects

Concept, CAD, CAE and testing of all major vehicle functionalities with unique in house state-of-the-art facilities



Development led by vehicle functionalities and performance

Engineering Services

Concept and Design

- Styling & Surfacing
- Clay modeling
- BiW & Closures, Trims, Chassis & Powertrain
- CAE
- Prototype Building



Powertrain

- Integration
- Engine calibration
- CNG conversion
- Alternative fuels
- Anti-pollution systems



Passive Safety

- Structural analysis
- Restraint system integration
- Occupant protection
- Pedestrian protection
- Accident reconstruction



Electronics

- ECU prototyping
- EE Network
- Infotainment
- Hardware-in-the-Loop
- EMC assessment



Active Safety

- Chassis & brake system design
- System development
- Advanced evaluation & tuning



Smart mobility

- ADAS
- Automated Driving
- Intelligent Transport System



NVH

- Interior noise tuning
- Noise & vibration releases
- Exterior noise
- Vibration fatigue



HVAC

- HVAC system development and validation
- Thermal comfort



Reliability

- Structural, Powertrain and general vehicle durability
- Market driver assessment, road characterization and fleet validation



Main strengths and advantages

- Development integration
- Integration of CAD, CAE and Testing
- Thorough knowledge of all major vehicle functionalities
- Project management
- Design led by functionality
- Strong international presence

International Presence

Australia* 

 Applus IDIADA locations

 Client Management

 Testing

 Engineering

 Homologation

 Slovakia
Košice

Algeria* 

Belgium  
Brussels

Brazil    
São Paulo
Betim
Curitiba
Resende

Canada* 




Chile* 

China    
Shanghai
Beijing
Changchun
Chongqing
Guangzhou
Liuzhou
Qingdao
Shenzhen
Zhaoyuan

Colombia* 

Czech Republic   
Hradec Králové
Brno
Liberec
Mladá Boleslav

France   
Paris
Lyon

Germany   
Ingolstadt
Frankfurt
Munich
Stuttgart
Wolfsburg

India    
Pune
Chennai
New Delhi

Indonesia 
Jakarta

Italy    
Turin
Bologna
Erbusco




Japan   
Tokyo
Aichi

Malaysia  
Kuala Lumpur
Penang

Mexico  
Puebla


Morocco* 

Poland  
Poznan

Russia   
Moscow
Nizhny Novgorod
Togliatti

   South Africa
Pretoria

  South Korea
Seoul

   Spain
Barcelona
Granada
Las Palmas
Madrid
Mojácar
Murcia
Pamplona
Sevilla
Vigo

  Sweden
Gothenburg

  Taiwan
Lukang

   Thailand
Bangkok

   Turkey
Istanbul

   UK
Cambridge
Nuneaton
Warwick

 United Arab Emirates
Dubai

   USA
Detroit
Los Angeles
San Francisco

[* = Non permanent site]

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