

Passive safety engineering

Applus IDIADA counts on an international network of experienced engineers to ensure a flexible customized service. The team has a global understanding of both legal and consumer requirements which gives the ability to define complete safety development programs for worldwide markets (EU, US, Asia...).



Proven experience in leading complex passive safety test & engineering programs including the management and coordination of component and systems suppliers. Ability and experience to deal with legal and consumer safety administrations / NCAP's to define adequate development strategy and project documentation, and integration of CAD, CAE and testing tools for turnkey projects.

Safety design target setting and project planning according to market requirements and project constraints.

In addition to the headquarters in Spain, other passive safety teams are located in Munich, Ingolstadt, Tokyo, Shanghai, São Paulo and Vigo.

The specific areas of activity are the following:

- Crashworthiness and BIW development for worldwide markets
- Restraint system integration for occupant protection
- Pedestrian protection development
- Benchmarking
- On-site project management and engineering support
- Tailor-made training programs
- Design validation plans
- Management of passive safety test programs in various world regions
- Audits of US legal testing documentation