

APPLUS+ IDIADA TOP USE CASES

Altair Partner Alliance

Load Cascading in Virtual Proving Simulations

Challenge

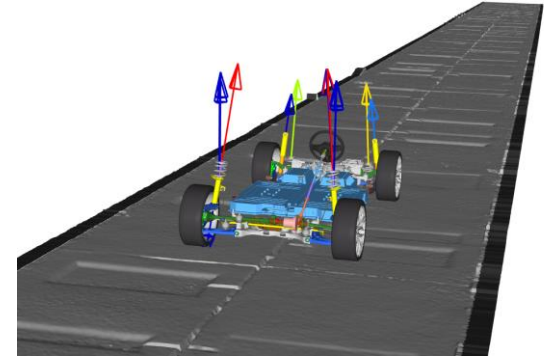
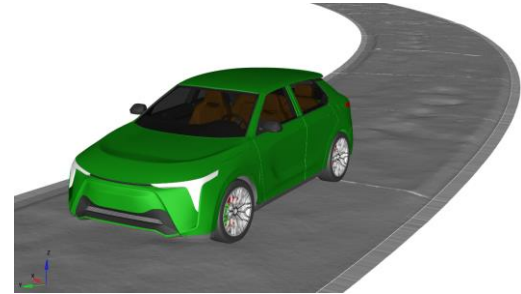
- Estimate loads in every suspension component

Solution

- Full-vehicle model simulated on realistic fatigue roads

Result

- Accurate forces estimate in all directions at every interface point between chassis elements



Comfort Performance Evaluation

Challenge

- Estimate accurate accelerations at various measure points

Solution

- Full-vehicle model simulated on realistic comfort roads

Result

- Results' calculation of key performance indexes relevant to evaluating comfort vehicle behavior

