

## **Vision - Zero defect in physical test by CAE**

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Vehicle Performance (crash safety, NVH, durability...) 3D CAE contributed reducing defects in physical test significantly.

In this presentation, following historical trends are described,

- Defects ratio in physical test
- CAE capability (prediction accuracy, HPC resources, technology examples)
- Root cause of defects (from CAE detail technology to process management)

Then point out about current concerns in detail and Nissan's action for these.

Also discuss about difficult problems which should be solved.