FAST CONCEPT MODELER
LEADING EUROPEAN LUXURY CAR OEM

SCOPE

- Develop customized work bench in CATIA V5:
  - Design and simulate multiple modelling iterations
  - FE analysis
  - Optimization in the design concept phase

SOLUTION HIGHLIGHTS

- Single Data Model: Designer and the FE analyst always work on the same CATIA model
- Geometrical features library, easy structural concept generation & mesh generation in CATIA V5
- Reduction in automobile modelling complexity, thereby reducing errors

BUSINESS VALUE DELIVERED

- 60% faster creation of concept model and reduction in NPD Cycle Time
- Early identification of risks
- Single and integrated environment