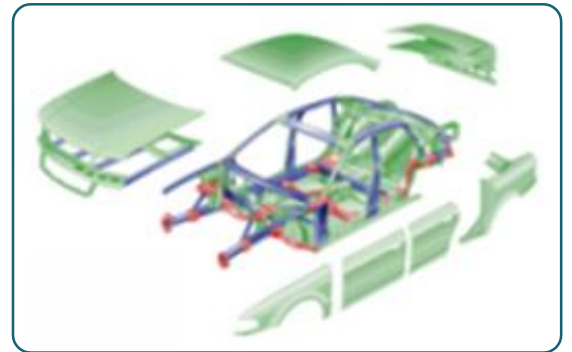


SCOPE

European automotive Tier-1 supplier was looking for low-cost quick turnaround support in BIW and closure design for the Sedan car program



INPUTS

- Styling (Class A) surfaces
- Master sections and split line
- Seal flanges
- Reference CAD data
- CAD data for carry-over parts
- Preliminary bill of material

MAIN ASSEMBLIES

- Style feasibility study with given section and split lines
- Functional and packaging study with carry-over part
- Concept CAD data developments DFA / DFM
- DMU analysis for clash and interference analysis
- Virtual validation using CAE
- Incorporation of feedback from CAE and tooling
- Series release phase
- Adopt style and design changes after proto feedback, final 3D CAD model
- Drawing release, releasing of manufacturing drawings with GD&T and weld drawings
- Support during tool implementation phase