

OEM

Automotive

HEAVY-DUTY TRUCK CAB FACE-LIFT WORK PACKAGE

OVERVIEW

- ALTEN Technology serves as a product development partner to client cab engineering in a face-lift project for the exterior, interior, and body in white.
- Oversee design, components, and system from concept evaluation to production release
- Responsibilities include CAD design, FE and GD&T analysis, support to purchasing and suppliers, testing, verification and validation, and production and aftermarket support

RESULTS

- Development of new components and systems, such as plastic and steel bumper assemblies, hoods, and radiator grilles using B-DSM and A-DSM styling surfaces, headliners, BiW sleeper boxes, and doors
- Active participation in preventive quality planning, FMEA, RCA analysis, and DFA
- Coordination of prototype parts for shaker tests and methods builds
- Interaction with suppliers for PCR and tooling modifications
- Project management and engineering task leader support to cab engineering functions

KEY TOOLS & TECHNOLOGIES

- Catia, Enovia
- FEA
- PDM systems
- Q-tools, FMEA, DFA
- GD&T and cost analysis