

MACK TRUCKS

Automotive

Architecture/Design/Packaging Studio/Class A Surface Technical Input

ALTEN ADDED VALUE

With the flexibility to move and add resources during the quick ramp-up period at the start of the project, ALTEN Technology provided support both on-site and from the delivery center. ALTEN Technology has also provided quality-checking support during part of the project.

KEY TOOLS & TECHNOLOGIES

CATIA V5, PDMLink, KOLA

KEY DATA

Team Size: 6 Engineers

Time: Since 2018

Location: Greensboro, NC and Salem, VA
Work Package and on-site

MECHANICAL ENGINEERING FOR MEDIUM-DUTY TRUCK

OVERVIEW

ALTEN Technology has supported the Volvo Group with the development of the new Mack medium-duty truck project. This is a newly developed truck within the medium truck segment; ALTEN Technology has supported the project from its delivery center and on-site since 2018.

PROJECT DETAILS

- Exterior and BiW
 - > Provided design support and ownership over DCN releases, including parts such as the IP and the complete design of the hood and bumper
- Chassis
 - > Provided both mechanical engineering support and design support and ownership over DCN releases, including parts such as front cross-member, engine mounts, bumper mounts, and hood hinges
- Worked with suppliers and buyers to support the sourcing of parts
- Supported quality checking of the DCNs, DRWs, and CAD

PRODUCTS SUPPORTED

- Interior
- Exterior
- BiW
- Chassis
- Quality checking

