

STELLANTIS

Automotive

ALTEN ADDED VALUE

With its diverse team, ALTEN Technology is able to technically advise Stellantis and optimize the team to fit their needs

Successful off- and nearshoring, 85% of the activities in low-cost country

Training and transfer of skills managed by ALTEN Technology when onboarding new employees

KEY TOOLS & TECHNOLOGIES

TeamCenter, UGNX 2306, Vismockup, PLM

KEY DATA

Team Size: 59 FTEs India, 12 FTE USA

Time: Since 2022

Location: USA, Mexico, India
Work Package

VEHICLE CAD PACKAGING & INTEGRATION

OVERVIEW

Based on each zone's requirements, ALTEN Technology is in charge of carrying out the total vehicle integration of systems within a zone for all vehicle architecture.

- Design and develop new vehicles that will meet future regulatory and client competitive requirements
- Responsible for the total vehicle integration of systems within a zone
- Identify and resolve adaptation and design issues as the vehicle moves toward production
- Lead cross-functional team meetings and work with systems and components, advanced manufacturing, service, etc. to ensure that the solutions are optimized for all stages of the vehicle's life

PROJECT DETAILS

On behalf of the PFDI (Physical and Functional Design Integration) department of Stellantis, ALTEN is responsible for the total vehicle integration of systems within a zone for all the vehicles for the Stellantis (USA) internal combustion engine (ICE) and battery electric vehicles (BEV)

Zones handled

- Body (upper body, fascias, closures, etc.)
- Interior (seats, IP, HVAC, radio, etc.)
- Underhood (engine, powertrain cooling, brakes, etc.)
- Underbody (suspension, exhaust, fuel system, etc.)

Standards:

- CS.Routing—general routing clearance standards—fuel, brakes, cooling (not including wiring)
- SD.00014—Suspension clearances
- CS.00050—Wiring design and clearances
- CS.00184—Medium and HV wiring

