Partnered to a global OEM to define the safety process for the Autonomous Vehicle platform

KPIT owned the end-to-end safety process starting from concept to the safety validation.

Supported the OEM with the development of:

- Safety Element out of Context (SEooC)* software component

- System Context & boundaries

- Safety requirements and analysis at system & software level

- Safety Testing and integrations for software components

The software is targeted for the ASIL D requirements

The team deployed this project using AGILE methodology

KPIT

*Safety Element out of Context (SEooC) - safety related element that is not developed for a specific item (i.e. in the context of a particular vehicle/feature)