TIER 1 SUPPLIER
Automotive

Software Engineering

30 Months

13 FTE

Shared Governance

US, Mexico, and India

NEXT-VERSION ELECTRONIC STEERING COLUMN LOCK SOFTWARE AND UPDATED SYSTEM REQUIREMENTS

OBJECTIVES
- Add new functionality to electronic steering column lock (ESCL) software
- Resolve 80% of existing software issues
- Meet ASIL-D safety requirements

RESULTS
- Established an efficient agile software development process to quickly deliver error-free software releases
- Took software through V-model from system requirements to validation
- Created software with enhanced functionality that resolves 80% of existing issues found in a previous version of the ESCL software
- Created updated, traceable system requirements that meet ASIL-D safety requirements

KEY TOOLS & TECHNOLOGIES
- IBM Rational DOORS
- IBM Rational Rhapsody
- Vector DaVinci
- CANoe
- Eclipse
- WinIdea

ALTEN TECHNOLOGY