DESIGN AND VALIDATION OF TELEMATICS SYSTEM FOR AN AUTOMOTIVE SUPPLIER

SYSTEM DESIGN

- System requirements capture in DOORS
- System design using enterprise architect
- Cyber security requirements and threat analysis

QUALITY ASSURANCE

- ASPICE compliance
- Traceability Matrix
- Unit testing
- Code reviews
- Statical analysis
- Defect analysis

DEVELOPMENT

- Legato TCU application development
- Maintenance of eCall, bCall, Remote operation, Geo-fencing, Vehicle finder, Stolen vehicle locator
- AUTOSAR components developments
- BSW integration

SYSTEM INTEGRATION & VALIDATION

- Software integration
- On-bench software integration testing
- In-vehicle system testing

Value to customer	Contributing multiple variant production programs	Reusable components developments and Quality assurance	Deployment of Tata Elxsi's test automaton tool for the customer, enabling a significant reduction in testing cost