

# DESIGN AND VALIDATION OF TELEMATICS SYSTEM FOR AN AUTOMOTIVE SUPPLIER

## System Design

- System requirement capture in DOORS
- System Design using Enterprise Architect
- Cyber Security Requirement and Threat Analysis

## Development

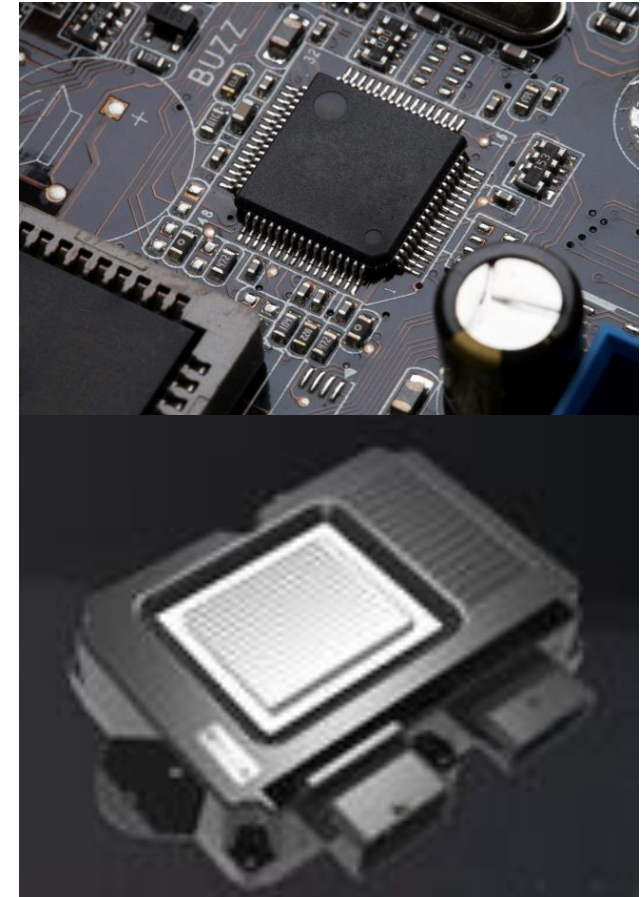
- Legato TCU application development
- Maintenance of eCall, bCall, Remote Operation, Geo-fencing, Vehicle finder, Stolen vehicle locator
- AUTOSAR components developments
- BSW integration

## Quality Assurance

- ASPICE compliance
- Traceability Matrix
- Unit testing
- Code Reviews
- Statistical Analysis
- Defect Analysis

## 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 automation tool for the customer, enabling a significant reduction in testing cost