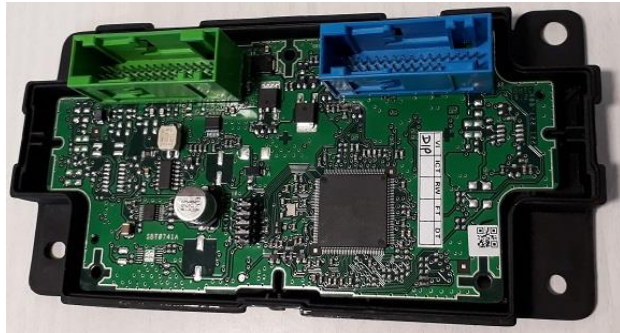# TATA ELXSI LICENSES ITS AUTOSAR 4.2 BSW STACK FOR OEM CLIMATE CONTROL MODULE

Overview

Tata Elxsi has developed an application using Matlab/ Simulink. AUTOSAR platform used for this project is Tata Elxsi in-house AUTOSAR 4.2.1 stack.

Scope

- Integration of CCM application software generated from Model.
- Configuration and Integration of AUTOSAR 4.2.1 stack using Ezyconfig
- Vector Bootloader integration
- PCB test software integration
- Building ECU software for RH850 F1L
- Renesas MCAL Integration
- A2L file generation and Calibration support
- Integration testing
- HILS testing at OEM Location
- Bug tracking and management
- Configuration management and version control

Tools & Environment

- Vector Davinci Developer
- Enterprise Architect 9.3
- Vector CANoe, CANApe, and Vflash
- Tessy 2.3.28 and QAC 8.1
- GHS Multi Complier & E1 debugger
- Matlab/Simulink/Simulink Coder
- DOORS
- EzyConfig

Features Validating

- Climate control functionalities
- CAN/ LIN compliance
- Diagnostics & EOL compliance
- ECU reprogramming & Calibration
- MISTRA 2004 Compliance