

In-house lab-based framework for validation of EV systems such as Battery Management, Inverters, DC-DC Converters, etc.



Service Offerings

- Functional Tests
- Diagnostics Tests
- Drive Scenarios
- Standards Verification
- Performance Analysis
- Drive Cycles
- Range Verification
- Electrical Compatibility
- Network Tests
- Load Tests

Validation As A Service

Significant investments enabling ready-to-use facility, tools, and resources

Complete Interconnected Vehicle Level HILS

Scalable validation test bench to support AD/ ADAS, Infotainment & Telematics ECUs

The HILS setup capable to perform **Signal level and Power level** validation

Simulated Environments, Drive Scenarios, and Vehicle Dynamics

Access to Tata Elxsi's **Test Scenario** database and **100% Automated** Test execution