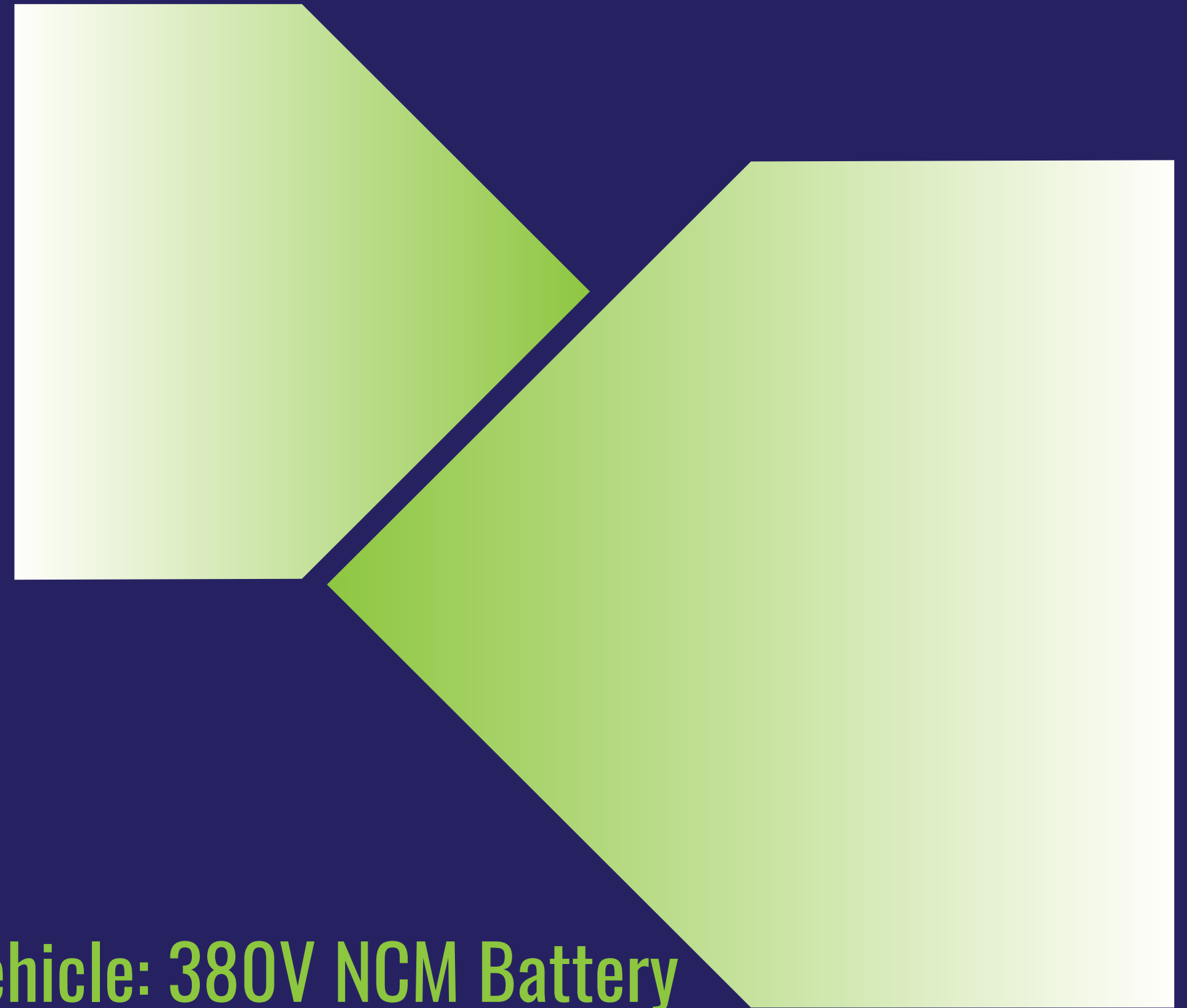


Case Study #1

Embedded Driver Software Development

Battery Management System for Electric Vehicle: 380V NCM Battery



About the Customer

An Asian battery manufacturer developing NCM batteries for passenger vehicles



Project Outcomes

Deliverables

- Software Design Document
- Embedded Code
- Unit Test Plan
- HIL Test Plan for Requirement Change

Toolset

- NXP MPC56xxx Controller
- QA-C MISRA
- MATLAB (Simulink, Stateflow, Embedded Coder)
- dSpace HIL ControlDesk

Project Parameters

Delivery Model



On-site/Off-shore

Project Duration



8 months

Team Size



4 engineers



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