

# Case Study

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## Global EMV Level 2 Kernel Development

### EMV Level 2 Kernel upgrade and maintenance

#### Project

- ✔ [EMV Level 2 Contact Kernel Development](#) and [Certification Support](#) for leading payment equipment manufacturer

#### Background/Challenges

- ✔ Client was looking for EMV L2 Kernel provider to partner EMV L2 kernel work

#### Nature of Work

- ✔ [EMV Level 2 Kernel Development](#), upgrade and maintenance
- ✔ Support on Filling in the latest version of EMVCo [Level 2 ICS form](#) (Configurable Kernel ICS)
- ✔ EMV Level 2 Kernel testing on EMVCo certified test tool (EVAL)
- ✔ Coordination with finalizing EMVCo accredited test lab
- ✔ Taking approval of the applicable test cases from test labs
- ✔ Coordinating with EMVCo accredited test lab for ICS submission and Time Slot Booking
- ✔ Representation during the debugging session with EMVCo accredited lab, and to resolve the conflict with test lab if test failed

#### Approach/Solution

- ✔ Scope included requirement analysis, design, development and testing of new functionality
- ✔ Minor updates in response to EMVCo's regular bulletins and, EMVCo certification

#### Outcome & Benefits

- ✔ Transparent time and cost estimates combined
- ✔ Reduced EMV compliance cost by permitting reuse of EMV core kernel across all models in the customer's range of payment devices
- ✔ Speed-to-market challenges in delivering defect fixes and minor updates