

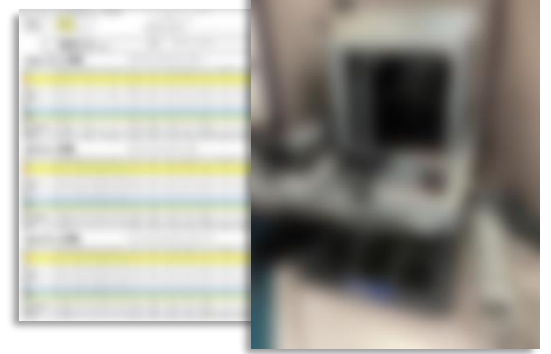
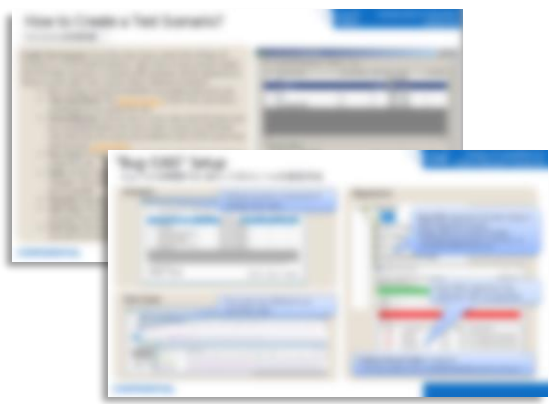
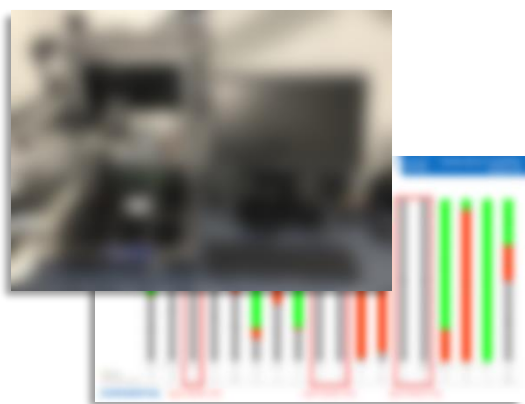
Customer: Global OEM for Automotive

**Objective:**

- Study the existing IVI system testing assets at customer
- Restart and Revive the existing asset, demonstrate defect finding capabilities
- Create a test asset and testing activity roadmap to improve defect finding capabilities, reducing the defects/system bug that are present in the field
- Design and manufacture new testing asset, program testing scenarios and consignment operation at SCAEUS facility

**Project Details:**

- Duration – 13 months complete, 8 additional planned
- Team Size – 4 to 8
- Contract Type – Deliverable and Time & Material Basis
- Deliverable Details – Consultancy Presentations, Demonstrations, HILS Bench HW, Test scenario programming, Firmware testing on HILS bench operation



- Assess existing HILS bench capabilities and understand the opportunities for the HILS bench to automate testing current performed by humans in-vehicle

- Revival of testing asset in customer after 1.5 years of sitting idle
- Programming of test cases and scenarios to demonstrate defect finding capabilities on known buggy firmware versions

- Develop the testing roadmap to automate as much testing as possible.
- Time the programming and operation activities to align with program milestones and field data availability

- Design and Manufacturing of new modular HILS bench
- Maximizing the test scenarios which can be programmed for 6 variants
- Consignment Programming and Operation of HILS bench