

Case Study – EMV Quality Assurance



FACT SHEET



Organization

Major Bank in Central America



Industry

Banking and Financial Services



Scope

QA for EMV Acquirer Migration



Technologies used

MC Savvy, VISA Simulator



Application Type

ATM and POS

Project Description

The bank has migrated all its acquirers cards from Mag Stripe to EMV cards. As a consequence, it was essential to test the quality of migration, ensuring that all possible cases of transactions on ATMs and POS behave accurately. Some the cases include fallback, blocked cards etc. All test cards procured from the respective exchange have been used for testing as per the ADVT guidelines and the migration has been certified.

Value Added by EGS

- We have performed the detailed logs analysis for VISA and MasterCard exchanges for EMV Acquirer Migration and certified the terminals to be behaving precisely as per the ADVT Guidelines.
- The project involves manually test scripts as per the ADVT guidelines of all models of ATMs and POS machines at the bank.
- Upon executing the transactions, the logs are all thoroughly verified to understand if the data in the log files, is in sync with the pass criteria mentioned in the ADVT user guide.
- Issues that have been reported during the log analysis and quality assurance process flow, have been retested after fixing has been done by the development team.

Total Team Size : 3

Project Status: COMPLETED

Challenges

- Multiple logs for multiple transactions
- Turn around time to fix the issues raised
- Instable QA environment