MERCHANT ACQUIRING, POS AND mPOS UAT

OBJECTIVE

PROJECT

◆ This Project was about performing User Acceptance Testing for merchant acquiring, POS and mPOS.

◆ Execute UAT for various POS and mPOS devices integrated with Euronet Software solution IMS (Integrated Merchant Systems).

◆ Portfolio included Credit and Debit cards affiliated under Mastercard payment scheme.

◆ Client is one of the leading commercial bank in Srilanka.

CHALLENGES FOR CLIENT

◆ Client team was very new to the recently implemented Euronet host system for processing Credit and Debit cards.

◆ It was a new business line starting with the merchant acquiring business.

CHALLENGES FOR VERINITE

◆ Running EODs on Euronet platform by our team. But this was necessary due to certain system imposed limitations and to reduce the dependency on other party while executing testing.

◆ POS and mPOS multiple device configurations for merchant and terminal.

APPROACH

◆ Verinite followed its time tested "**ADEPT**" methodology to conduct this testing project engagement.

◆ The scope was distributed into **13** functional areas and separate test cases were created under each functional area.

◆ Verinite used the onsite only model for executing this engagement by deploying a team at client office location in Colombo.

◆ Various modules like merchant registration, merchant maintenance, promotion, discounts, settlement, on-us and Off-us were covered.

◆ Included testing of Extended Payment Plan i.e. EPP for both, issuer and acquirer funded modes.

◆ Various POS devices were tested including VeriFone VX675 and Spectra T1000 and mPOS devices from Payable.

◆ Creation of test transactions including authorizations and clearing transaction. Configuration of EPP under merchant profiles.

STATS

Total test cases	Team Size	# Defects	Schedule Planning	Execution	Closure
1000+	2	93	3 Weeks	8 Weeks	1 Week

VALUE DELIVERED

◆ Verinite testing team quickly learned how to execute EODs on the Euronet platform and helped client reduce the dependency.

◆ Conducted additional walkthrough sessions for business teams and

◆ SMEs. First time right ratio of **95%**, Test case effectiveness of **93%**.