PROSWITCHING POS MANAGEMENT

PT. METALOGIC INFOMITRA

INTRODUCTION

PROSWITCHING POS Management modules provides functionality that meets the business and operating requirements of most financial institutions to handle the transaction coming from EDC. They include:
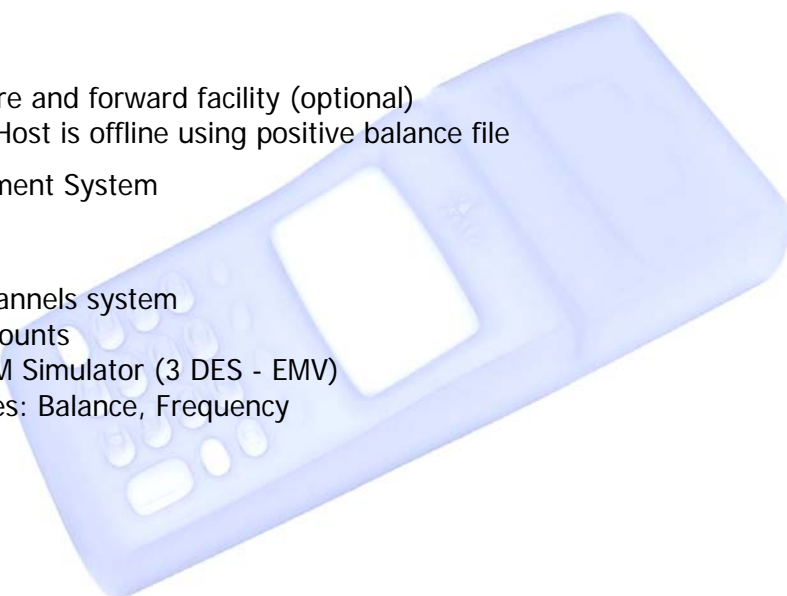
Comprehensive cardholder transaction set :
- Support Debit Card Transactions
- Support Credit Card Transactions (All Major Credit Card:Visa, MasterCard, Amex, Dinners)
- Support EMV 2000
- Support for multiple EDC Type/Brand
- Support for standard TCP/IP Protocol/GPRS (with/without NAC)
- Comprehensive, Web based Gui Interface, monitoring and management capabilities
- Configurable POS print receipts
- Configurable authorization methods to meet a variety of authorization needs
- Transaction and access security
- Transaction reconciliation and settlement
- Management reports
- Key Management
- Device Management

POS MANAGEMENT 3 MODULES:

- POS Acquiring : Sale, void, refund, settlement
- POS Mini ATM : Balance Inquiry, Transfer, Bill Payment, Vourcher/Ticket Purchase
- POS Installment : installment transaction for credit card / Debit Card

OPTIONAL MODULE:

- Stand-in processing with store and forward facility (optional)
  Authorize transaction when Host is offline using positive balance file

- CAM – Card Access Management System
  - o   Instant Card
  - o   Pin Mailer
  - o   Multi Pin for multi channels system
  - o   Single Card Multi Accounts
  - o   HSM Interfaces / HSM Simulator (3 DES - EMV)
  - o   Limit Check & Charges: Balance, Frequency

PIN SUPPORT

ProSwitch ATM supports the following transaction security features:

- PIN/PAN and PIN/PAD methods of PIN Block creation and decryption
- 32 bit unique master key per terminal (TMK)
- Dynamic generation of terminal session key (TPK)
- Encryption using 1 or 3 DES
- Pin Verification using HSM device / HSM Simulator (Provided)

PLATFORM

- Hardware : PC Base, Sun Solaris, IBM-RISC6000 etc
- OS : Linux, Unix
- Database : Oracle, MySql, Progress, SQL-SERVER
- User Interface : Web base minimum window 98
- Number EDC Terminal : Unlimited depend on hardware / license

REFERENCE

- PT BRI (Persero) : BRI POS
- PT SYB : Praqtis- Pembayaran PLN
- PT BII : Installment – XPAY
- PT BMSI : Mini ATM