

Features of E-Voucher Distribution System

1. System hierarchy

- Operator.
 - Distributer.
 - Merchant (Traditional or key account) (Note: Merchant can belong to the distributor or to the operator directly).
 - Branch.
 - Terminal.
2. Downloads e-voucher PINs from server and stores them in terminal for offline selling.
 3. Supports both Automatic and Manual Synchronization of data with Server.
 4. Auto synchronization facility between POS terminal and the server is available in order to update the server with the status of each POS vouchers balance (sold or unsold),
 5. i.e.: denomination: 50, download ID 99, downloaded: 1000, Sold:800, unsold: 200.
 6. Application upgradable online and/or through USB.
 7. Maintains Sale data and stock data for cashier sales report and stock reports.
 8. Customers have the option to reprint the voucher in case they missed or lost the vouchers for any reason, this option will be applicable only with password.
- ### 9. Available reports on the terminals hardware:
- Sales report (Summary , Detailed)
 - Download report.
 - Settlement report
 - Cashier Report
 - Stock Report
 - Merchant Balance

online
offline

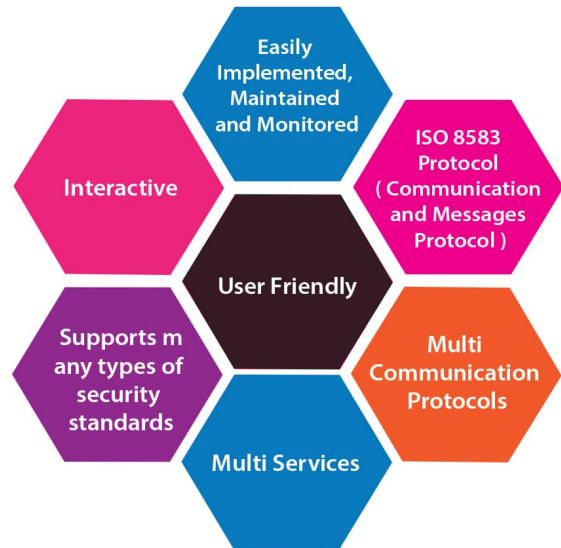
10. E-voucher sale transactions will be offline.
11. Full access is granted for authorized user in order for him to monitor and control all of the sales invoicing, terminals status, E-vouchers downloads per terminal, E-voucher quantities on the server, accounting reports, etc...
12. Pins loader will be available for authorized user, which has the below features:
 - Can be web based and/or desktop application.
 - Can encrypt \decrypt files with many encryption algorithms such as (DES, 3DES, SHA1, SHA2, MD5, etc...)
 - Full logging and monitoring on the pins loading
 - Multi levels of approvals to get the pins loaded, this feature is configurable and depends on the requirements and policies.
13. Customers' Sales activities including E-vouchers download is controlled from the server, which means that for any reason preventing customer and/or branch and/or terminal from downloading E-vouchers can be done.
14. Encryption of the pins in the server, on the POS machines and the channel in between.
15. Vouchers loaded on the POS are totally encrypted, and the POS terminal application will decrypt the voucher at the moment of the sales transaction.
16. Automatic and manual synchronization between the POS machines and the server
17. Setting wallet/credit limits on the level of the Distributor, Merchant, Branch and POS Terminal.
18. Damaged pins cease to exist in the keyPOS system, as handling unprinted pins is done through the reprint functionality with a reprint label and user roles definition to track and control
19. Downloading new software versions does not require resetting the POS machines, unless database structure updates are there.
20. Mass printing does not affect the machine and its lifetime
21. Printing vouchers through external systems (owned by key accounts like Carrefour) can be implemented depending on the integrations that need to be done with the customer cashier software.

POS Settings

Under POS Settings menu, a user can configure terminals in below areas:

- Version Check
- Terminal Setup
- GPRS Setup
- IP Setup
- Date & Time Setup
- Change Setup Password
- Change Application Password
- Change Communication
- Download Application
- Erase Database
- USB Application

KeyEVD
E-Voucher Distribution System
Application Features



KeyEVD Application Features

- User Friendly
- Easily implemented maintained and monitored
- Interactive
- ISO 8586 protocol (communication and messages protocol)
- Supports many types of security standards
- Multi services
- Multi communication protocols

