MILK COLLECTION TERMINAL

Description

The Milk Collection Terminal (MCT) is a Hand Held Computer, in which the program is stored along with all the relevant data, for transactions during the journey of collection of milk from the doorstep of farmer and provides the receipt of milk collected to farmer.

The storage of program and data is done through a Personal Computer (Host PC), and is called pre-journey configuration, which include route specific master information. It also includes master data of Farmers, Area, Milk Rate, Bank Details and the transaction data of Milk receipt from farmers. The various reports can be prepared at the end of trip.

After a journey is over, the transaction data files are transferred from MCT to the Host PC, over a communication cable connected to USB port. The MCT requires about three hours for full charging after which it can be used continuously for 7-8 hours.

Features

- An ideal substitute to the manual system
- User-access-control and password protection
- Instant calculation and recording of transactions
- Print milk receipt report
- Fully customized farmer wise milk rate
- Making available data to host pc for data analysis and preparing variety of reports
- Representative reports:

  ➢ Shift end milk collection report
  ➢ Periodic farmer wise milk collection report
  ➢ Periodic route wise milk collection report
  ➢ Periodic bank wise report in excel for payment to farmer
  ➢ Export Excel file for interfaced with Tally ERP for financial accounting.
  ➢ Route Wise/Area Wise/Farmer Wise milk collection comparison report
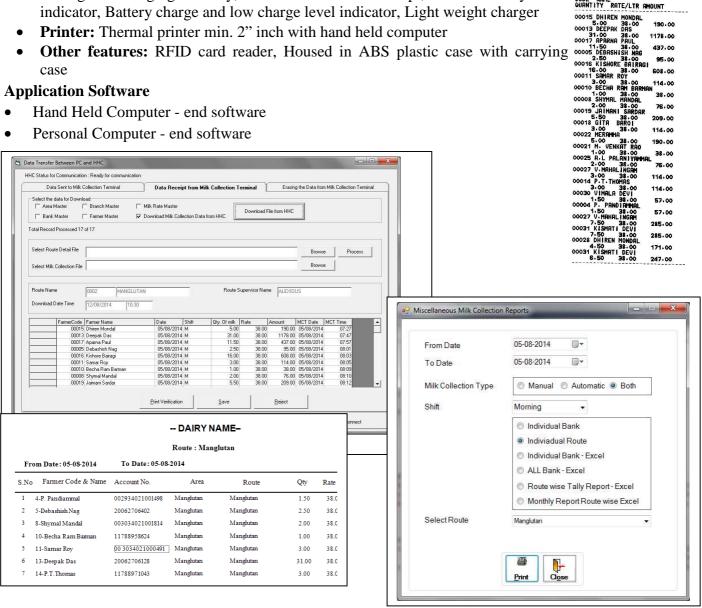
- **CPU:** 32 ARM Processor, clock speed above 60 MHz.
- **Data Memory:** Min. 16 MB or above
- **Program Memory:** 256 KB or more Program Memory Area
- **Display:** Graphic LCD display (128x64 pixels or more) with backlight,
- **Keypad:** Alphanumeric keypad- 30 key (5x6),
- **Communication:** Communication with PC through USB and high speed RS232 port
- **Clock:** Built in real time clock with battery backup
- **Power and Battery Control :** Built in Battery (2.5 A Hr.-Li-ion) and associated intelligence charging circuitry, minimum 10 hours backup , Built in battery status indicator, Battery charge and low charge level indicator, Light weight charger
- **Printer:** Thermal printer min. 2" inch with hand held computer
- **Other features:** RFID card reader, Housed in ABS plastic case with carrying case

Application Software

- Hand Held Computer - end software
- Personal Computer - end software

Note: A pre-implementation study is a pre-requisite for such projects, to identify the system requirements and user requirements. The customization can be done as per the user requirements.

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