INTEGRATED MILK MANAGEMENT SYSTEM (IMMS)

EMT EWS Digital Display

UPS PC Printer
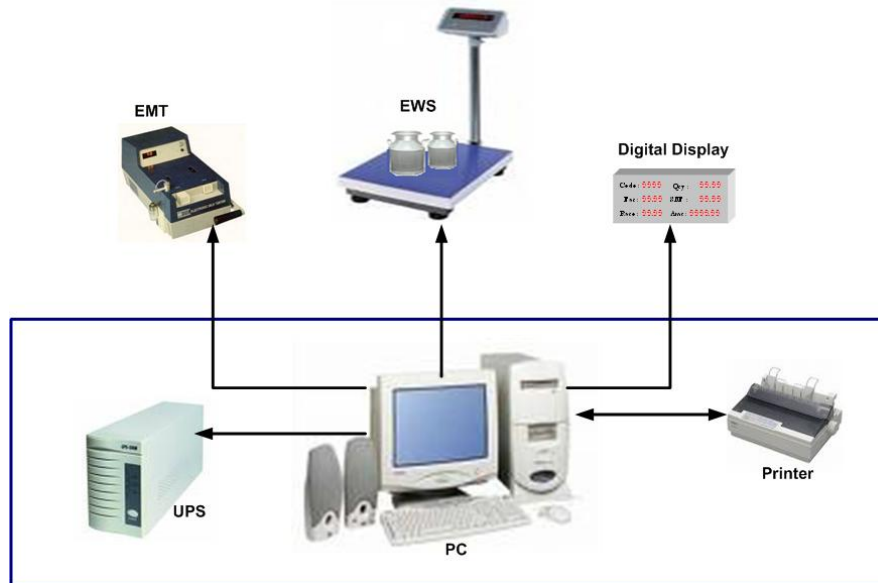
Application

IMMS is user-friendly integrated solution to automate the milk collection process carried out at Milk collection centers, BMC and head office, which would interface with the following:

- Electronic Milk Tester (EMT)/ Milk Analyzer
- Electronics Weighing Scale
- Smart Card / Serial Pen Drive
- Remote Display Unit
- Printer.

IIMS receives the Milk Fat & SNF data from the Milk analyzer/Electronic Milk Tester and milk weight from weigher interfaced with this.In addition to conventional milk transaction by milk producers, it also supports the Milk agent's milk transaction, appropriation and processing of data.

Rate chart & other global parameters from the BMC center/Head office can easily be downloaded in smart card / Pen drive and uploaded to milk collection device such as SDPMCU to support the secured and dynamic pricing to the milk producers.

Transaction can be downloaded on smart card / Pen drive for further uploading and processing of milk transaction data at BMC center/ head office. IMMS also has the option of transmission of data through modem to the remote BMC center/nodal center via dial-up/ GSM network.

Features

- Unique Milk Producer Codification by using Census code of State and Village.
- Client-Server Architecture.
- Secure MS SQL Express Database backend.
- Secured rate chart downloading/uploading through Smart Card / pen drive.
- Centralized Billing at BMC / Head office.
- Handle multiple rate charts.
- Multiple device interfacing.
- Milk Variation report.
- Pooling Point wise member Appropriation.
- Direct Data capturing through RS232.
- Online data transfer between Pooling point, BMC and Head office.
- Menu can be customized according to the user privileges.
- Event based (shift, daily / periodic) reports.
- Tanker management.
- BMC Assets Management

Optional

- Data transmission through internet / GSM
- Interfacing with built in BMC weigher.

Benefits

- **Installed at any location Collection Center / BMC /CC and Head Office.**

- Milk Producer can pour the milk at any collection center using 16 digit unique milk producer codifications.

- Proper authentication and identification of the member farmer using smart card which is also an electronic pass-book for the Payment cycle.

- Instant measurement of fat, weight & calculation of amount Payable.

- Instant printout of fat, snf, weight & amount payable.

- Centralised testing & payment.

- Computation of the activities of the Milk Collection Center in a cost effective Manner.

Components of IMMS

- Computer System.
- Electronic Weighing Scale.
- Electronic Milk Tester / Milk Analyser.
- Digital Display.
- Printer.
- Uninterrupted Power supply.

Optional:

- Smart Card Reader / Writer.
- Smart Card.
- Serial Pen Drive.
- Hand Held Terminal.

Software Requirement:

- Windows XP / Vista OS.
- MS SQL Server Express 2005.
- Dot Net Framework 2.0.
- Windows Installer 3.1.
- IMMS Software.

Regional Offices

Gujarat	A.P.	Karnataka	M.P.	Punjab	West Bengal	U.P.
Anand	Hyderabad	Bangalore	Bhopal	Chandigarh	Kolkata	Lucknow
02692- 261794	040-27000151	080-22295783	0755-2571290	0172-2700504	0612-2234306	0522-2395512

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The above specifications are subject to change without prior notice in order to provide you the best available and acquired for continual improvement.

Features - Collection Center

- 16 digit unique milk producer codifications.

  State/ UT - 2 digits [within the Country]
  Village - 8 digits [within the State/UT]
  Hamlet - 2 digits [within the Village]
  Member - 4 digits [within the Hamlet]

- Instant measurement of fat, weight & calculation of amount Payable.
- Upload the rate chart and global parameter from smart card / Pen drive.
- Download the shift transactional data into smart card for further processing and billing at BMC center.
- Proper authentication and identification of the member farmer using smart card which is also an electronic pass-book for the Payment cycle.
- Collect the milk from MPI.
- Easy to interface multiple device.
- Easy to configure formula based rate chart.

Features – Head Office

- All the features of Collection center / BMC centers are available.
- Keeps the record of each members / Collection centers / BMCs and transporters.
- Centralised payment of each members through cash / transfer to bank.
- Upload / download the data from BMC either through smart card / serial pen drive or internet / GSM network.
- Event based report like BMC wise / Village wise / district wise period reports.
- Export data into xls, doc, pdf, cvs and txt format.

Features – BMC Center

- Works as milk collection center i.e. collect the milk from local members.
- Can collection from milk collection centers.
- Instant measurement of member / can milk fat, weight & calculation of amount Payable.
- Download the rate chart and global parameter into smart card / Pen drive for collection centers.
- Upload the member shift transactional data from card collected at milk collection center for further processing and billing.
- Download the all the data of BMC center into smart card or send through internet / GSM media to head office.
- Milk Variation report of milk collected at milk collection center and can collection of each pooling point.
- Appropriation of Fat, SNF and Qty based on milk variation.
- Track the record of milk route.
- Milk dispatch to Plant through Tankers and includes tanker management.
- Keeps the record of milk collected through head load, route and own member collection separately.
- Generate Member / Collection Point and BMC ledgers.
- Event based report i.e. member wise, CP wise, Headload, route, local collection period reports
- Easy to generate census village / district wise reports.