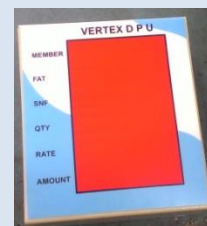# VERTEX D P U

VERTEX DPU 48 KEY

VERTEX DPU 24 KEY

Remote Display Big

Remote Display Small

VERTEX DPU is developed as a complete system that can generate receipts to farmers for the milk collected based on FAT / FAT&SNF / TS and weight along with maintaining the ledger of collections and payments of the members. It can be deployed by Government diaries, Private diaries or independent milk collection centres.

With options like GPRS, SMS, language printing, External printer support etc., VERTEX DPU provides you with a cost effective and feature rich system.

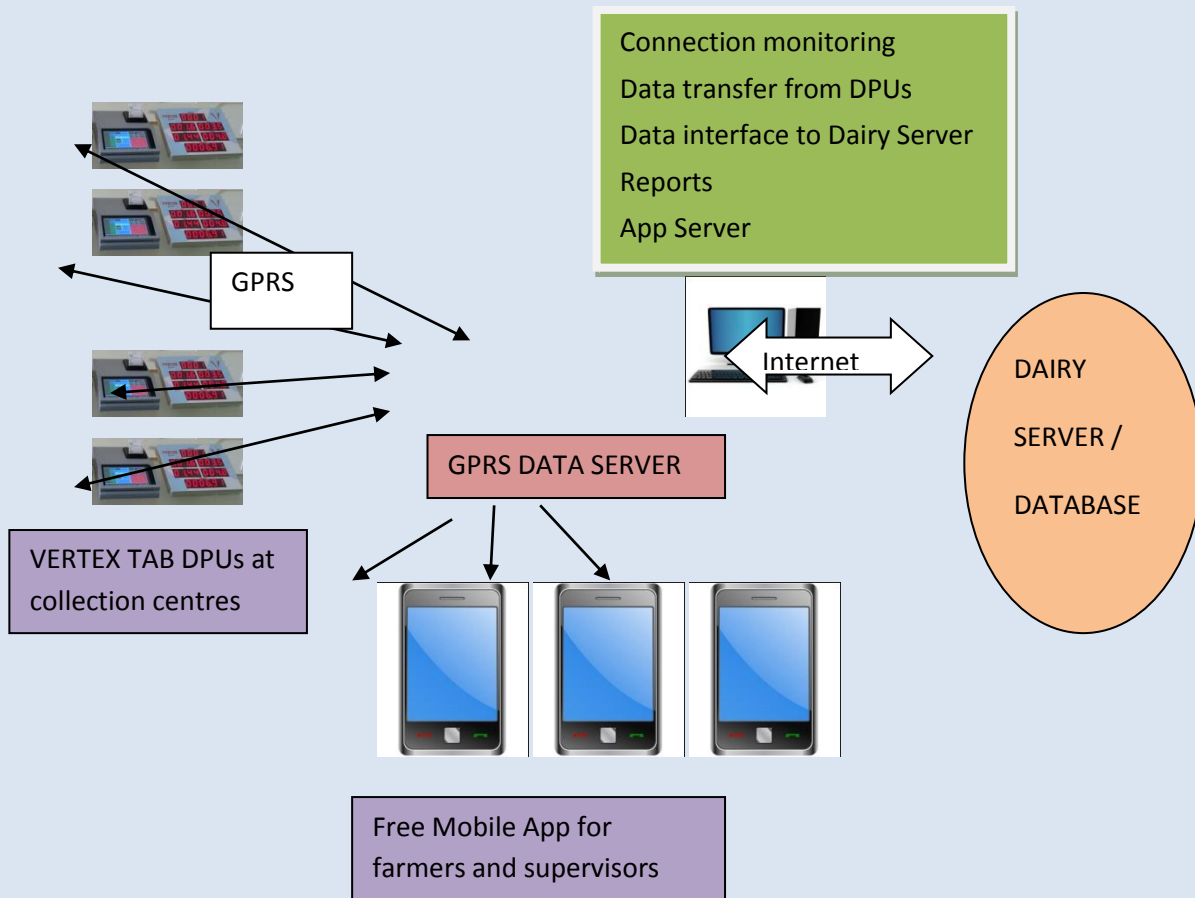| Rate Entry	Interface to Analyzers and Weighing scales	GPRS	User Display
Rate chart is input through USB pen drive. Rate charts can be encrypted if necessary. A prospective rate chart with effective implementation date can also be stored. The machine changes to the new chart on the implementation date	Interface to receive data from all leading Milk analysers and weighing scales provided. Change of analyser or weighing scale can be done by configuration without changing software	VERTEX DPU is GPRS ready. It can transfer the collection data to a central server. Free software to receive the GPRS data is provided.	A 28 digit LED user display is provided optionally to display member number, FAT, Weight and amount

Salient Features

- ❖ 1000 MEMBER ACCOUNTS WITH CATTLE TYPE
- ❖ 3 RATE FORMATS BASED ON
    - o FAT
    - o FAT + SNF
    - o TS (TOTAL SOLIDS)
- ❖ RATE FORMAT AND MEMBER DATA CAN BE INPUT THROUGH USB PEN DRIVE IN EXCEL FORMAT
- ❖ RATE CHART ENCRYPTION
- ❖ SECOND RATE CHART WITH EFFECTIVE DATA
- ❖ MORNING / EVENING SELECTION
- ❖ INTERFACE TO ANALYZER AND WEIGHING SCALE
- ❖ USER DISPLAY FOR DISPLAYING MEMBER CODE, FAT, QTY AND AMOUNT
- ❖ EXTERNAL 80 COL PRINTER SUPPORT FOR LARGE FORMAT REPORTS THROUGH PARALLEL PORT
- ❖ FULL BILL CAN BE PRINTED IN ANY LANGUAGE INCLUDING MEMBER'S NAME
- ❖ SALE OF MILK CAN BE ACCOUNTED
- ❖ LOAN, CATTLE FEED AND OTHER ITEMS PURCHASED BY MEMBERS CAN BE ACCOUNTED
- ❖ MEMBERS ACCOUNTS FOR COLLECTION, PAYMENT AND PURCHASE MAINTAINED
- ❖ DIARY ACCEPTED FAT AND QUANTITY CAN ENTERED FOR PROFIT CALCULATION
- ❖ MEMBERS' TOTAL COLLECTION QTY AND AMOUNT STORED IN SECONDARY MEMORY
- ❖ **STORAGE**
    - o 3 month Collection data (Flash memory) or 5 years Collection data (SD Card)
    - o 1 YEAR DAILY SALE REPORT
- ❖ **REPORTS**

    (CAN BE PRINTED IN INTERNAL PRINTER / EXTERNAL PARALLEL PRINTER OR PRINTED TO FILE ON USB PENDRIVE)
    - o DAY COLLECTION (MORNING / EVENING / BOTH)
    - o MEMBER WISE COLLECTION REPORT
    - o PAYMENT REPORT
    - o SALE REPORT
    - o BONUS REPORT
- ❖ **OPTIONAL SMS CONFIMATION TO MEMBERS**
    - o AFTER MILK COLLECTION
    - o MAKING PAYMENT
- ❖ **OPTIONAL DATA TRANSFER TO SERVER THROUGH GPRS/SMS**
    - o COLLECTION AND PAYMENT INFORMATION CAN BE UPLOADED TO SERVER
    - o MEMBERS CAN VIEW REPORTS THROUGH COMPUTER / GPRS MOBILE
    - o TRIP DETAILS CAN BE SENT TO DIARY BY GPRS / SMS

FREE GPRS DATA SERVER AND MOBILE APP

Connection monitoring

Data transfer from DPUs

Data interface to Dairy Server

Reports

App Server

Internet

DAIRY

SERVER /

DATABASE

GPRS

GPRS DATA SERVER

VERTEX TAB DPUs at collection centres

Free Mobile App for farmers and supervisors

In GPRS mode all DPUs transfer data to a GPRS data server. The software for sending and receiving data is provided free. This software monitors the connection status of DPUs and transfers the rate chart if needed and also received the collection information transmitted.

The collection data received from the DPU can further be sent to a Dairy server or stored in a master database. This data is used by the Dairy Management software for Payment processing.

GPRS data server also acts as an App server. A free Android App is provided for supervisors to monitor the collection at various centres in real time. An App is also provided for farmers to check their daily collection and payment (Information to be provided from Dairy Server)

Manufactured By

VERTEX COMSYS PVT LTD