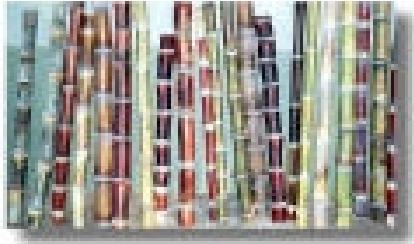


## **SUGAR ERP**

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## SUGAR INDUSTRY-A BRIEF INSIGHT



Today, India is the largest producer of sugar in the world with sugar year 99-00 production being 17mn tonnes with high consumption in domestic market. The Indian sugar industry has achieved a record sugar production of 18.5 million tonnes (20.0 million tonnes in raw value) in the year 2000-2001 and emerged once again as the world's largest producer of sugar. India is predominantly an agro-based economy and sugarcane plays a very vital role in this agro-based economy by providing sugar, the main sweetener used in India. With the growing demand for sugar, the emphasis has been on increasing sugar production. "In addition to financial resources, another positive contribution of the sugar sector was the impact made on industrial development by its human resources." When such decisive is the role of sugar to play in country's economy it is but apparent that technology should couple with the process to simplify the whole process aimed to increase productivity and profitability and reducing the chronology invested in manual handlings. Keeping in mind, the paradigm used across the sugar industry, this application has the flexibility to fit any sugar industry's requirement. Indian sugar industry is highly controlled both at state and central level. A predetermined quantity (30%) of sugar has to be sold to the

government at a levy price which is substantially lower than cost of production. The government regulates free sale sugar, by a monthly release mechanism wherein the government determines quantity of sugar to be sold in each month by each mill. Sugar mills have to pay the government determined/ advised price for sugar cane to the farmers. This is a very important determinant in any sugar factory and our application captures this factor to makeshift for the duration before the government announcement.

## SOLUTION FROM CYBERMATE INFOTEK



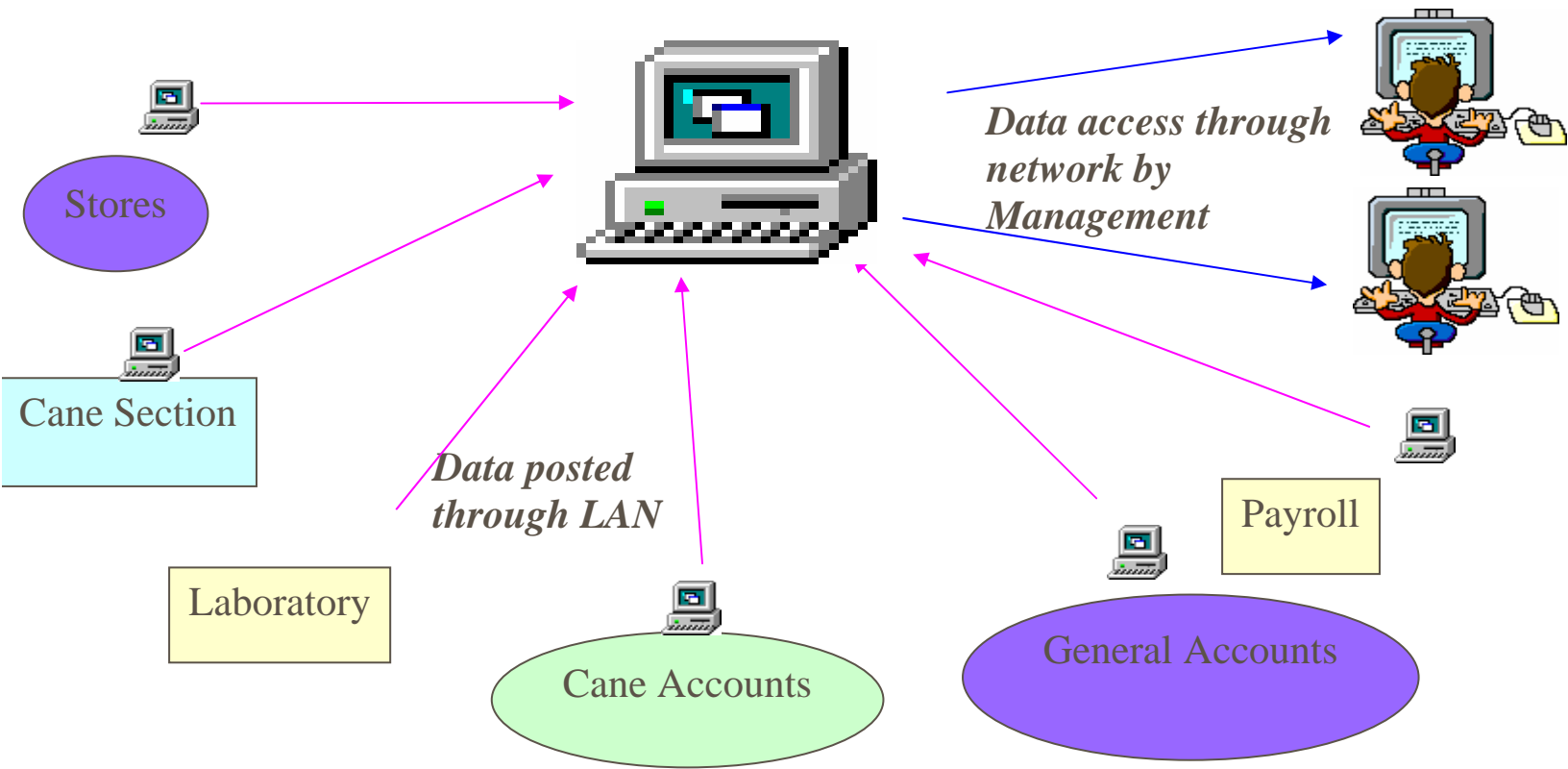
This package enables the enterprise to achieve greater productivity and implement process re-engineering, helping the Company to be fast changing and proactive as market forces change.

### Features

- Centralized Database with Security Features.
- One Time Data Entry and Retrieval of Data.
- Easy Data Access & Printing of Report with Optimal Speed.
- Better Management & Full Utilization of Existing Resources.
- MIS Report Generation.
- Caters to the functional needs of Inventory, Cane Cutting (Harvesting) Order Permits, Cane Accounting,

Laboratory Analysis, Payroll, and Financial Accounting.

- Creation of Groups (Balance sheet) & Sub-groups (Schedules)
- Creation of Chart of Accounts & Sub-Accounts
- Generation of Trial Balance, Balance Sheet, Profit & Loss A/cs, Schedules etc



**WORK FLOW**

The package is divided in to six broad categories namely financial accounting, Stores accounting, payroll, cane cutting order permits, cane accounting, and lab analysis

## Financial accounting



This module deals with the day-to-day Cash, Bank transactions of the factory. The main input comes through Receipt Voucher, Debit Voucher, Sales Invoice and Adjustment voucher.

Financial Accounting module is divided following sub-modules

Masters sub-module is a one-time entry module taking care of all master details. The main master entries are:

- BS/Mfg/Trading/P&L Groups
- Schedules (sub-groups)
- Chart of Accounts
- Subsidiary Accounts
- Sugar Grades

The daily transactions like Cash Receipt, Bank Receipt, Debit Voucher etc are maintained in the Transaction sub-module. The main transaction entries are:

- Cash/Bank Receipts
- Debit Voucher
- Sugar Sales
- Molasses Sales
- Adjustment Voucher
- Pass Book Entry for bank reconciliation

All the day as well as periodical reports like Day Book, Sales Registers, General Ledger etc can be generated through Reports sub-Modules. The Reports are

- Day Book
- Sugar Sales Register
- Molasses Sales Register
- General Ledger
- Subsidiary Ledger
- Receipts & Payments Statement
- DCB Statement
- Balance Sheet
- Manufacturing A/c
- Trading A/c
- Profit & Loss A/c
- Schedules of BS, Mfg, Trading, P & L A/c's
- Bank Reconciliation Statement

## Stores accounting



The Stores module of the factory deals with the material accounting module. Basically the entire inventory is related with Engineering items like bearings, nuts, bolts etc., and are identified into various categories.

Stores Accounting module is divided following sub-modules

The Masters sub-module is a one-time entry module taking care of all Master details. The Master entries are

- Unit Master
- Material Category
- Material Master

- Department Master
- Consumption Heads

All Daily Transactions like ICRR & MIR are maintained in Transaction sub module. The entries are

- I C R R
- M I R

The Valuation of the Material is done through Valuation sub-module.

The entire Periodical reports like ICRR Register, MIR Register, Stock Ledger Statement etc are generated through Reports sub-module. The outputs are

- I C R R Register
- M I R register
- Consumption Statement
- Stock Ledger
- Stock Statement
- Material Movement Register (FSN)

Masters: The master details like District, Division, Village, bank, members, shares opening, company details, Variety, Variety Grouping, per day crushing capacity of the Factory are stored here

Transactions: Here, details like plantation schedule, member supply agreements, recovery %, mode of transport, permit card changes, Seed Loans, fertilizer / pesticide loans, NRD (Non Refundable Deposit) are fed in to the system.

Process: This sub module caters to the grouping of cane, permits generation, NRD transfer and FD interest calculations.

Reports: an exhaustive range of reports can be generated for all kinds of information, which are needed for any typical sugar factory. Few of them are listed below:

## Cane cutting Order Permits



This module deals with the Plantation particulars of Cane starting from December to June of every year. Based on plantation particulars, agreement to the factory, which contains the Land details, quantity offered to supply. the permits are generated and issued to the farmers

Cane cutting order permits is divided in to following sub modules

- Head quarter wise plantation particulars
- Variety wise plantation particulars
- Grower report
- Program wise priority list
- Program wise deviation report
- Variety wise plant and ratoon report
- Permit card printing
- Harvesting statement
- Seed loan register
- NRD statement, NRD form, NRD sub-ledger

## Cane Accounting



This module deals with details such as loans, cane receipts. Based on the agreed quantity, factory gives different loans such as Fertilizer (Urea, Potash, DAP, Others) loan, Cash Subsidy, Seed cane loans (limit is fixed for every year), Margin money loan for bore well etc.

The module is divided into following sub modules

Masters: module is a one-time entry module taking care of all master details.

The main master entries are

- Member Details
- Variety
- Village
- Bank/Society
- Center / Head quarters
- Loans master
- Setup

The cane receipt voucher is maintained in the Transaction module. The Transaction sub-module also contains

- Yearly Entries  
Agreement details
- Bank loans
- Fertilizer loan
- Seed loan
- Margin money loan
- General loan
- N R D deposits

The advance bills, final bill are generated through Process sub-module.

Day reports like daybook and periodical reports like Advance bills, final bill etc., are generated through Reports sub-modules. The Outputs generated through this sub module are

- Day book/Weighment Register (shift-wise)
- Final book (agreement wise)
- Advance Bill statement (for bank)
- Advance bill printing
- Final Bill statement
- Final Bill Printing
- Cane supplier ledger
- NRD, CDCF, Grading etc Deductions statement
- Loans statement

## Payroll



This module maintains every months payroll for permanent / seasonal employees as well as NMR / Apprentice.

The module is divided in to following sub-modules

Masters sub-module is a one-time entry module taking care of all master details.

The main master entries are

- Setup Control Master
- Department
- Category
- Designation
- Pay Types
- Leave Types
- Employee Data

#### Other entries

- Employee - Pay details
- Employee - Leave details

The monthly transactions like Attendance and Deductions are maintained in the Transaction module.

The transaction entries are

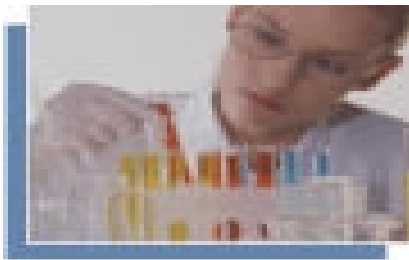
- Monthly Attendance
- Monthly Deductions

After the monthly attendance and deductions entries are completed, the wages are generated through Processing sub-module.

All Monthly as well as periodical reports like attendance Register, Pay slip, wage record etc., can be generated through Reports Modules. The Output generated through this sub module is

- Attendance Register
- Pay Slip
- Acquisition Register
- Pay Bill Abstract
- Recovery List (Individual recoveries)
- Pay Bill Statement for Bank

## Lab analysis



This module deals with lab section operations such as cane sampling, crushing and testing.

The Lab Analysis module is divided into following sub-modules

Masters sub-module is a one-time entry module taking care of all master details.

The main master entries are

- Member Details
- Variety
- Village
- Recovery %

The daily manufacturing report work sheet entries are maintained in the Transaction sub-module.

The Outputs generated through this sub module are Daily reports

- Daily Manufacturing Report work sheet
- Daily Calculation Report
- Daily Monitoring Capacity Utilization
- Daily Monitoring Report
- Daily Manufacturing Report
- Technical Data
- Sugar Stock Calculation Report

## About Us

**Cybermate Infotek Limited** is Information Technology Company, founded on the 5th of May 1994. CIL is headquartered at Secunderabad, India. It is publicly held, and traded in the Bombay, Bangalore and Hyderabad stock exchanges. Besides Hyderabad, Cybermate Infotek also has software development centres in Cherry Hill, NJ USA and Abu Dhabi UAE.

Cybermate Infotek Limited provides Software Solutions and Security Solutions. In Software Solutions CIL is into providing solutions or products using distributed computing, Client Server and Web Applications across the industry verticals. CIL has tied up with GNFC for setting up the first certification authority in India.

Cybermate Infotek Limited has technical tie-ups with leading technology providers like Baltimore Technologies Inc, UK, and Hewlett Packard USA for their E-services, Shym Technologies.

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