



# *Cisma*

Enterprise Resource planning  
For  
Manufacturing Excellence

---

Apoorva InfoLab Pvt Ltd

Bangalore, India  
Phone : 91-80-26653121, 26530622



Mail : [info@apoorva.info](mailto:info@apoorva.info)  
URL : [www.apoorva.info](http://www.apoorva.info)

Integrated Solution  
For  
Manufacturing Excellence

**Key Features**

- It is a right solution for Batch as well as Continuous manufacturing companies.
- The system enables you to take quick manufacturing decisions based on customer delivery schedule, material disposition and resource availability.
- It helps to plan monthly production in line with customer requirement, Material Requirement Plan (MRP), machine and manpower utilization plan.
- On-line reports – Enquiry & Order status, Daily/shift wise production & rejection status, Work in Progress, inventory, Finished products stock, sales,
- Functional Integration - Marketing, Production, Material, Stores, Quality, Sales, Accounts and HR.
- Workflow automation with Cost and operational controls.
- Maximum utilization of resources –Material, Machines and Manpower.
- Advanced Application, Cost effective and value for money

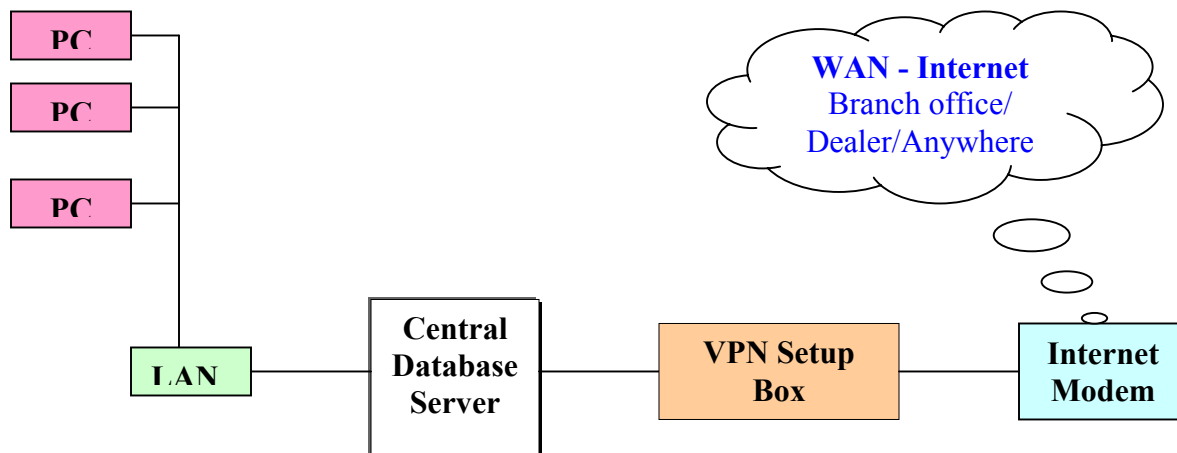
Information system for Management decision  
&  
Change the way of business to grow in the market

## Architecture

- Oracle on Windows/Linux/Unix/Solaris server operating system
- Oracle 6i Forms & Reports front end
- Strong, reliable and highly integrated client/server architecture
- Flexibility to expand and integrate with other applications
- Extranet features - connect to Marketing offices, Customers, Dealers, Suppliers,
- User-friendly Graphic User Interface and easy administration.
- Very good technical support and easy up gradation

## Connectivity

It is client-server architecture on **Oracle** application; any number of users can be connected to central server through Local area network [LAN] and Wide area network/Virtual private network through Internet. It provides high level of data security & Control



## Marketing Module

- ✧ **Enquiry** Registration of enquiry
- ✧ **Quotation** Preparation of offer based on the enquiry registered
- ✧ **Order acceptance** Sale order / Order confirmation to the customer.  
Master data – customer details, product, tax and payment terms  
Order acceptance is the input for monthly production plan. Customer wise product wise quantity and delivery date in monthly production plan.  
Dispatch advice and Invoice is linked to order acceptance.
- ✧ **Contract Review** Contract review of an order to provide specific technical & commercial details.
- ✧ **Warranty/AMC** Warranty after sales and AMC after warranty period.  
Warranty & AMC cost analysis

## Planning Module

- ✧ **Bill of material** BOM is the material required to make a product. It is the basis for Material Requirement Plan [MRP], Purchase indent, Product costing, material consumption per product, product re-engineering, etc.
- ✧ **Production Plan** Monthly plan based on delivery date
- ✧ **Work order** Information to Production dept to start production work.
- ✧ **Job Card** Job card /Route card to control section/operation wise production and on-line monitoring the production progress- work completed, rejection, etc.  
Shift wise, section wise updation of produced quantity, rejection, machine down time, reason,
- ✧ **Machine Master** Machine details
- ✧ **Operation Master** Operation details
- ✧ **Part Master** Creation of Item/Product code, name, Unit, spec, etc

## Production Module

- ❖ **Daily production. Report** Data flow from work order. Daily updation of the progress with reference to work order.
- ❖ **In-Process Inspection** Stage wise/Section wise inspection reports. Rejections, reasons, corrective actions, etc.
- ❖ **Machine Loading** Loading on a particular machine & Machine wise entry of produced & rejected quantity. Data flow from Job card, Man & machine hours, standard Vs actual.
- ❖ **Stores Requisition Slip** Intimation to stores to draw material.
- ❖ **Stores return Note** Excess/rejected material return to stores.
- ❖ **Machines break** Intimation to maintenance in case of machine break down.
- ❖ **Down slip** Actions on machine break down with reasons & cost; input to machine break down analysis, m/c history card
- ❖ **Maintenance** Preventive maintenance due report & updation

## Quality Module

- ❖ **Inward Inspection.** Supplier material inspection after goods receipts.
- ❖ **In-Process Inspection.** Inspection with reference to Daily production report.
- ❖ **Finished product Inspection** Final inspection after completion of DPR. Rejection analysis & corrective actions.
- ❖ **Customer rejection** Products rejected from customer, rejection analysis and corrective actions
- ❖ **Customer complaints** Complaints & feed back from customers, corrective actions.
- ❖ **Rejection analysis.** Graphical report of rejections.
- ❖ **Instrument calibration** Calibration history & calibration due of reports

## Materials Module

- ❖ **Vendor assessment** Supplier assessment is mandatory for Purchase order.
- ❖ **Purchase Indent** Requisition for material purchase from user departments.
- ❖ **Purchase approval.** All indents group by items with total indent quantity will Display on screen. Approval based on the stock & requirement.
- ❖ **Purchase order [PO]** PO can be raised to the approved supplier for the approved items.
- ❖ **Conversion Matrix.** Raw material calculation for job order. Conversion from one unit of measurement to another or many raw materials to a Component.
- ❖ **Job order** Order for secondary operations/sub contracting.
- ❖ **Vendor rating.** Rating of vendor in terms of supply, quality, service, etc.
- ❖ **Purchase voucher** Note to accounts for payments to supplier

## Stores Module

- ❖ **Goods Receipt Note.** Material inward to stores. Data flow from Purchase order or Job order. Quantity cannot be more than order quantity. Stock updation after inward inspection.
- ❖ **Stores issue** To Enter issue quantity. There should be Stock to issue
- ❖ **Stores Return Note** Return of excess/rejected items to stores
- ❖ **Delivery challan** Material go out of the factory through DC.
- ❖ **Non-moving stock** Items not moving for number of days, user may specify the days.
- ❖ **Stock Adjustment** Adjustment of physical stock to book/database
- ❖ **Stock opening balance** Updation of opening balance of each item
- ❖ **Scrap note** Rejected /non-moving items will be declared as scrap
- ❖ **ABC analysis** Inventory analysis

## Sales Module

- ✧ **Dispatch advice** Data flow from Order acceptance. Order closes after the advice. Finished product should be there for advice & quantity cannot be more than the order accepted quantity.
- ✧ **Packing list** Packing list based on the dispatch advice.
- ✧ **Invoice** Data flow from dispatch advice. Payment terms & tax from order acceptance.

## HR Module

- ✧ **Manpower plan & Recruitment**
  - Resume databank
  - Manpower requisition
  - Interview letter
  - Appointment order
  - Manpower plan
  - Interview assessment
- ✧ **Employee data bank**
  - Personal
  - Education
  - Functional
  - Experience
  - Family
  - Career progression
- ✧ **Salary Administration**
  - Attendance
  - Leave application
  - Salary details
  - Pay slip
- ✧ **Training & Development**
  - Training needs
  - Training plan
  - Training budget
  - Training calendar
  - Training programs
  - Training evaluation

## Accounts Module

- Auto receivables after Invoice
  - Auto debit note after purchase return
  - Auto credit note after sales return
  - Auto voucher after stock transfer to Branches and visa versa
  - Cheque number control
  - Cheque printing option
  - Customer Credit Limit and approval control
- ◇ **Masters**      Group, Subgroup, G Ledger, Sub Ledger,  
GL Balance and postings, Bank & Cash, Cheque Leaves, Purchase and Sales type.
- ◇ **Vouchers**      PDC Payment/Receipt      Bank, Cash and Contra      Journal  
Sales and Credit Note      Purchase and Debit note
- ◇ **Reports**      All Master list with Hierarchy - 6 levels  
Dr/Cr Party wise reports with Address  
All Vouchers in Printable format  
PDC Payment/Receipt and Conversion and Cancellation.  
Pending for Purchase Bill passing  
Advance Receipt and Payment  
Books & Registers  
Monthly Group (GL) balance with drill down to voucher level  
Cheque Return (bounce) for Payment/Receipt, Cheque Cancellation  
Statement of Purchase/Sales Summary periodically  
Bill V/s Ledger Balance Party wise  
Outstanding Statement Dr and Cr. bill wise  
Aging Analysis of Dr and Cr. – Based on Actual and Due date  
Bank Reconciliation  
Trial Balance, P&L and Balance Sheet
- ◇ **Miscellaneous**  
Petty Cash (Defining maximum amount limit in Account level)  
Search option for all Vouchers  
Payable and Receivables search option  
Invoice and Supplier bill wise control sheet.  
Tax reports – Sales Tax, Service Tax, VAT, CST, ED and etc.,  
Expense Statements  
Purchase V/s Received V/s Payment for Creditors.  
Credit Limit.