



**EMPLOYEE & MACHINE PERFORMANCE MANAGEMENT SYSTEM**

**Product Guide**



Workforce optimization and production management software benefits companies that face complex of their manpower, and also quite keen to automate the manufacturing of their finished goods by monitoring the performance of their machines in their particular workshops.

This management information system basically consist of two main modules

- *Employees & Machines Performance Tracking System*
- *Production Management System*

### **Product Key Features**

The product has following features:

#### **Customizability and flexibility**

- User defined attributes for inventory items
- Definition of inventory items, their vendors, vendor prices
- Definition of customers and their relevant information
- Definition of departments and their employees
- Control who has the ability to Edit, Add, Delete, or access reports within any given module
- Provides the ability to have the same record viewed by multiple managers
- Client / Server architecture giving you greater scalability, flexibility, and control over your data

#### **Security features**

- Configuration of user groups of users and their privileges for the system
- Logging of all actions of the users for future reference

#### **System Security**

- System tracks all the actions Performed by the users
- Action log is maintained along with user reference and the time of action.

#### **Data recovery**

Data is quite important for organizations so efficient data recovery and back up procedures are embedded into the MIS to enhance its security features.

### **Remote Site management**

This is quite important and demanding feature of the MIS for the organization who have their departments at different locations. Store MIS provides data portal utility, which import data and append it into the main database accordingly. Data is sent to the head



office or main database through E-mail or manual dispatch. Afterwards the data is inserted into the main DB with the help of efficient insertion algorithms.

*This application easily maps to the workflow of business environment. People can be Restricted to perform their assigned jobs. For example, purchase department will be able to issue purchase orders, store in-charge will be able to issue inventory items etc. However, it is possible to assign multiple roles to one person. Therefore, this system can either be used by multiple users to do their assigned jobs, or system can be started in the manner that all tasks can be done by one user.*

## **Employee & Machine Tracking Performance**

This application enables your managers and employees to effectively communicate goals and objectives, align goals with strategic initiatives, set expectations, and measure progress of their workforce by monitoring their performance on the machines. Say farewell to the nightmare of trying to manage your employees with an awkward mix of spreadsheets, word documents, database files and cumbersome email folders. Everything you need to track and monitor employee, activities and management processes is now available within a single, easy-to-use, affordable application

The application is quite helpful in a way that it provides all information to the management required to analyze the performance of the employee and the machines on a particular shift and also give details about its errors during the production on a particular machine. It helps the management to

- Increase overall employee productivity
- Identify and reward top performers
- Invest in ongoing employee development
- Place the right person in the right job to be successful
- Ensure readiness to execute on changing business strategies

**The employee performance tracking application is designed after the detailed study of the industry requirement. It is quite flexible in nature and can easily be modified according to the demands of any industry but specifically it is quite suitable and fulfill all the needs of Injection Moulding Plant**

### Manual Process

In a manual process, an organization has to do following tasks in order to monitor its employee performance

- Management of bulk of documents in order to keep track of shift record.
- Tracking of machine faults (electricity failure etc)



- Tracking of total numbers of produced items on a particular machine by assigned employee
- Tracking of rejected items.
- Tracking of total work hours of an employee on a specific machine.
- Tracking of total working hours of a machine.
- Analysis of an employee performance by comparison of the produced items and the target items assigned to the employee.
- Analysis of machine performance.
- Manual documentation of lots.

These are the tasks that organizations have to perform manually in order to track employees as well as machines performances. The report prepared manually is sent to the concerning departments who take decisions about the machine maintenance and employee 's bonus etc.

This module provides following key features

## **Employee Performance Tracking Key Features**

### **Lot Management**

- Each lot has lot ID based on specific pattern consist of month and time.
- Machine involved in a particular lot and its different attributes are managed like:
  - 1- Number of shots
  - 2- Number of cycles
  - 3- Number of repairs
- Tracking of Raw materials used during each lot and its consumption and rejections

### **Shift Management**

- Employee performance is monitored during each shift
- Tracking of produced and rejected items by each employee in each shift.
- Tracking of number of faults by each employee during each shift.
- Monitoring of machine performance during each shift.
- Production hours of each employee are monitored during each shift.

### **Material Management**

- Tracking of consumption of different material on each machine
- Store requisition of each material is maintained, the quantity is also managed.
- Rejected material to store is also maintained.
- Involvement of different raw materials in total production is also tracked.



### **Rejection Analysis**

- Rejection analysis of each employee on a particular component or product.
- The faults of a machine operator (employee) are customizable according to industry and machinery requirements.
- The produced and rejected components are shown in percentage, which is quite helpful to the management for the decision-making.

### **Production Control Management System**

This is second and quite significant module of this application. Tight control of your raw materials has now become a key element in ensuring profitability for your company.

**The design of this module is quite elastic and flexible for all industries but it is quite suitable for the *Pharmaceuticals and Textiles industry***

Organizations face a lot of problems in estimating the required components or sub-components before the manufacturing of a product. After tedious and complex calculation the quantity of sub-components/Raw materials are estimated and items are demanded to the store requisition.

### **Key Features**

Our production module provides following key features

#### **Estimation of product components**

- Application calculates the required quantity of components according to number of the items to be manufactured.
- Estimated amount of required raw material is also calculated
- Rejected amount is also managed and store quantity in hand is updated.

#### **Auto Generated Store Requisition**

- Store requisition demand is auto generated and sent to the store.

#### **Securely Editable**

- The actual quantity of the products manufactured can be re- entered and estimated amounts of the components and their quantity in the stores are adjusted automatically.



- Special security feature is provided which locks the form after which it cant be updated by any authority.

### **Batch Management**

- Each production of the products is managed according to their respective batch numbers.

### **Optional Features**

- Other features like discount to certain party or addition of delivery chargers are Also managed which is automatically adjusted in the total amount of the production.

This product spec covers key features of production and employee performance tracking system. For further Details visit us at:

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