



TigernixERP

Enterprise Resource Planning System
Materials Requirements Planning

SOLUTION OVERVIEW



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Solely designed for effective planning of employ assembly lines of warehouse Material Requirements Planning (MRP) module of TigernixERP can take full control of your MRP operations. The module capable of tracking and organizing inventories allocated in the production process mounts up the efficaciousness of the entire manufacturing flow.

In simple terms, TigernixERP's MRP module is a software developed to promote productivity in your production planning system. The software comes with an automated stock system has the ability to line up each and every stage of the production process.

Assuring you a smooth production process, the software performs several key functions of the production process simultaneously, namely; availability tracking of raw materials for production and units ready for delivery, maintaining the optimal inventory level and product units in warehouses, planning of production activities, delivery process and purchasing management and more.

ADVANTAGES

By deploying TigernixERP's MRP software package, manufacturers are facilitated with a gourmet of top advantages streamlining the production process.

Improve productivity with automation

MRP module of TigernixERP attempts to make the manufacturing process and raw material planning as convenient and automated as possible to gear up the productivity of the manufacturing process of your business. With A to Z automation of TigernixERP, your production process will run smoothly with minimized defects in products. The prior gain of this automation is the well-organized and scheduled production flow it creates in your warehouse.

Enhance the visibility in production process

Once this module of TigernixERP is implemented in your manufacturing process, every single step of the production process can be monitored on computer screens with advanced analytical options. With real-time production monitoring, the company can implement a concurrent control mechanism for the manufacturing process.

Flexibility

TigernixERP's MRP package is simple yet a comprehensive software solution. With its smart ergonomics, easy navigation tools and user-friendly system interface, businesses can execute this software system without a great effort and pressure. This is indeed a very flexible software system as it is effortlessly adaptable with any existing ERP system.

ERP Manufacturing Integration

Since any of the modules of this software can be integrated easily with other ERP platforms like purchasing and delivery chain management, the prevailing ERP systems are permitted to work in sync with TigernixERP's MRP module with no trouble.

BASIC FUNCTIONALITIES

TigernixERP's MRP module consists of a countless number of features to simplify and modernize the manufacturing process.

Manufacturing planning, organizing and controlling management

This module offers a range of manufacturing management tools ranging from production planning to controlling. These incisive tools will restore your conventional manufacturing process to a sleek and swift automated process.

- Easy production control and management
- Reliable production planning
- Holding of bill of materials and range
- Formula management
- Integrated scheduling options

Range reutilization tools

This feature permits the reutilization of range at,

- Different levels for bill of materials
- Work per cycle
- Work per hour

Bill of Materials Management

Enabling you to administrate bills of materials effortlessly this module of the software comes with the below options.

- Multi-level bill of materials
- Easily products and properties configuration
- Sample of bill of materials
- Switching of bill of materials.
- Total integration of subcontracting as well as services/tasks
- Improved rebus management tools
- Range for a wide variety of levels.
- Fast production or per series.
- Review management of production
- Availability of options of bill of materials duplication

Integration Facility

TigernixERP is highly flexible and can be adaptable to other ERP modules and applications including,

- Inventory control and tasks follow-up.
- General and analytic (cost) accounting.
- Human Resources module
- Native integration with reordering of materials

A range of product management techniques

This software module is developed with a wide array of product management techniques which is targeting the production of high-quality products.

- Management of different models and variants.
- Multiple measuring units with automatic and reliable conversions.
- Substitute product management
- Product property management
- Electronic update of product cost and selling price
- Availability of various production logics
- Scheduled dates and stock re-ordering date alerts
- Management of product packaging

Productions alerts and easy handling of exceptions

Providing you with alerts on production this software module makes the handling of exceptions convenient throughout the manufacturing process.

- Collective treatment of exceptions and special provisions
- Quick cancellation management
- Reporting in negative inventory levels
- Computerized request systems

Process tracking tool

TigernixERP's MRP comes with this exclusive module, which enables trouble-free tracking of all function of the production process. Thus, the management can monitor malfunctioning areas or when the production process is not aligning with the established standards easily and rectify accordingly.

- Standard tools management SSCC
- Raw material and finished stock management
- Management of product serial numbers
- Supporting to 12 different barcodes
- Both upstream and downstream traceability
- Control and follow-up of production technicians

Scheduling of manufacturing process

All the stages of the production process will be automated with TigernixERP. Therefore, production scheduling will also be automatically updated in the system, making the production process easy and simple.

- Extensive planning and scheduling capability
- Material requirements calculation
- Delays and defects follow-up
- Involvement for manual corrections



Managing of production and work orders

With TigernixERP, administration of production orders and work orders will be streamlined and well-organized.

- Effective follow-up of estimated material requirements based on allocated materials
- Slide/paste for reordering production orders.
- Credible comparison of budgeted and real-time by post of responsibility.
- Automation of series of the production process
- Material consumption and production management
- Production support at the producers
- Support of multi-units of measure
- Automated stock valuation tools
- Automated or manual serialization.

Inventory management

As inventory is an indispensable part of the manufacturing process, TigernixERP's MRP is comprised of an inventory management options as well.

- Barcoding/RFID
- Inventory budgeting
- Order entry
- Kitting
- Inventory Overview
- Inventory optimization

Multi's

This software offers multiple conversion and administration facilities, removing the complexities in handling such multis.

- Multi-store management
- Multi-units of production management

Ergonomics

To simplify MRP-related workflow, TigernixERP MRP is consisted of a user-friendly smart toolkit, further enhancing the efficiency and usability of this software module.

- Quick zoom in /zoom out
- Easy navigating functions

Factory related work allocation

TigernixERP's MRP software has its special tools to delegate and allocate factory related work.

- Managing machines, tools, factory workers work
- General and analytic accounts integration
- Estimate forecasting and comparisons preparation
- Work schedule integration



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