

TouchMES

Today's manufacturing and inventory management professionals face the daunting challenge of tracking inventory (raw materials, work in progress and finished goods) used to drive their financial performance. Despite the improvements made in the field of inventory traceability such as enterprise resource planning systems (ERP), just in time (JIT) processes and lean manufacturing concepts, businesses still face many difficulties in ensuring proper delivery of product in the right quantity, at the right time and to the required location.

To address these problems, many companies have spent hundreds of thousands of dollars trying to standardize on a single back-office system only to find that they still lack real-time visibility of their inventory on an hour by hour, shift by shift, day by day basis. TouchMES with inventory control closes the gap between the work being performed by material handlers and production workers and the back-office systems being viewed by management.

TouchMES is a comprehensive software application that directs the activities of material handlers and production workers and records the movement of inventory in real-time, eliminating the time gap between data movement and inventory movement. The software solution captures data from bar codes and directs workers to complete the appropriate tasks to properly manage inventory items and production schedules.

Workflow processes within TouchMES help prevent material handling mistakes. For example, the system directs the material handler to the location where they are to put away or pick specific inventory items. TouchMES is compatible with various ERP systems such as ERP-LX, SAP, Oracle, MS Dynamics NAV (Navision), MS Dynamics GP (Great Plains), Business Central, other ERP's including home grown and many WMS systems through various integration methods. This enables TouchMES to pull data simultaneously from multiple systems for contextual purposes as well as to update multiple back-office applications with critical information, autonomously or simultaneously.

The system is designed to reduce errors, promote accuracy, reduce carrying costs and give greater visibility through the entire order fulfillment cycle.

The compelling reasons to implement a TouchMES system are to:

- Create a Paperless Shop Floor
- Automatically interface to shop floor PLCs, scales, conveyors, carousels, etc.
- Display and manipulate real-time schedules on the shop floor
- Record and Analyze Downtime and Waste
- Provide Dashboards, both real time and historical
- Update man, machine, job status activities in the ERP
- Eliminate material handling errors, providing a real-time view of inventory
- Support Kanban Manufacturing in a paperless fashion



TouchMES Overview

One of the unique abilities of TouchMES is to collect and analyze downtime. Monitoring PLC's or other devices and identifying downtime occurrences, then linking a downtime event with a downtime reason code.

Important information about the present status of all work being conducted on the plant floor is available to users and management allowing strategic decisions to be made quickly and effectively. Real time information provides important KPIs like Downtime%, Waste%, and Efficiencies.

TouchMES updates the ERP with production, scrap, and material issue transactions as well as with direct and indirect labor. In addition, you can display schedules, parts lists, and other ERP-sourced information to management and the shop floor user.

About TouchPath

TouchPath is dedicated to helping our customers improve efficiencies and simplify business processes. Since product inception 25 years ago, our TouchPath organization has accomplished this goal by iteratively developing, delivering, and supporting a set of solutions that help manufacturing and distribution companies simplify and automate key supply chain processes using automated data collection technology. With proven, successful implementations world-wide, TouchPath's premier solutions for Warehouse, Inventory, Production and Asset management is the system of choice for many leading companies in the world. We offer global expertise in warehouse, manufacturing, and distribution data collection processes.