Sage 500 ERP

Shop Floor Control

Real-Time Labor and Production Reporting From the Shop Floor With Integrated Bar Coding

The Sage 500 ERP (formerly Sage ERP MAS 500) Shop Floor Control module provides real-time labor and production reporting for online production visibility throughout the enterprise. The shop floor menu was designed for use with touchscreen technology and handheld devices.

Shop Floor Control provides access to all of the activities that generally take place in the shop. Users can log onto or off of operations manually or they can use the built-in barcoding functionality to scan work order numbers and work order steps for automatic logons.

The logon and logoff activities include easy-to-use look-ups and number pads for data entry. They also include multimedia buttons that link directly to any multimedia or CAD attachments for the work order.

A current activity report and inquiry are provided to show which employees are currently logged on to a job at any manufacturing facility providing enterprisewide visibility.

The Shop Floor Control menu is easily customized to include virtually any activity, maintenance function, report, or inquiry you need to run your shop floor.

> "The Shop Floor Control module consolidates data on work order material issues, inquiries, and labor start and end times, allowing data entry on a single screen . . ."
>
> Rebekah Garringer
> Controller
> Timbercon, Inc.

Touchscreen and Bar-Code Design

The Shop Floor Control system was designed for use with touch screens and bar-code technology.

- The Shop Floor Control menu can run as a standalone menu system installed on terminals or handheld devices.
- Screens are specially designed for use with touchscreen and barcode technology.
- Bar codes can be printed on work order travelers and job tickets. Standard travelers include a bar code for the work order number and individual bar codes for each material, outside, labor, or other operation.
- Each screen includes touchscreen-enabled look-ups

Real-Time Labor and Production Reporting

Labor and production information is recorded in real time.

- Employees can easily log on to a job from the shop floor.
- Customer service personnel, sales, and management can view all current logons through various current activity reports and inquiries for a real-time look at shop floor activities.
- Real-time labor and production reporting is extremely useful for multicompany and multisite installations, providing a glimpse into production activity at each facility.

Labor Reporting

Employees can quickly enter labor and production information.

- Employees can enter production quantities for good pieces through Stop Job entry.
- The Shop Floor Control system handles scrap entry and prompts the employee for Scrap Reason codes.
- Employees may enter downtime with Downtime Reason codes. These codes are useful for alerting supervisors and management to machine breakdowns or machines waiting for materials.
- Machine setup time can be entered into the Shop Floor Control system.
- Materials may be issued to the job from specific lots. Production reporting supports the entry of finished goods into finished goods lots. Finished goods may also be serialized during Stop Job Entry.
- Employees can issue outside processing quantities and costs to a work order from Shop Floor Control.
- Production-related notes entered during Stop Job Entry are useful for communicating information to management, supervisors, and the front office.

Work Order Inquiry

Employees can log on to Work Order Inquiry to get more detailed information, such as schedule dates and step detail with view-only privileges.

- The Work Order Inquiry is a portal of information for all production related information.
- Customer service and sales can view estimated completion dates, current production status, current activities, and other information in real time.

Multiple Jobs and Multiple Parts

The Shop Floor Control system supports multi-job logons and production entry for coproducts.

- Workers can log on to multiple operations. This is very common in machining where one operator can often run several different machines at any given time.
- Labor and production quantities fully support coproducts entry. Employees can enter good pieces and scrap pieces for any part listed on the work order.

Labor Assignments and Job Tickets

Supervisors can view and assign job tickets to employees for a paperless shop floor system.

- Job tickets are created for each labor step on a work order.
- Supervisors can assign a portion or all of the labor to an employee or multiple employees.
- Employees can view or print their assigned job tickets directly from the shop floor control menu.

Business Insights

Analyze and monitor manufacturing data and transactions.

- Organize, analyze, and graph production information, such as component usage, assembly costs, scrap quantities, downtime, employee labor efficiencies, and more.
- Use the Data Alerts module to monitor Sage 500 ERP when labor entries have excessive run, down, or setup time (often the result of employees' forgetting to log off jobs at the end of their shift).

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