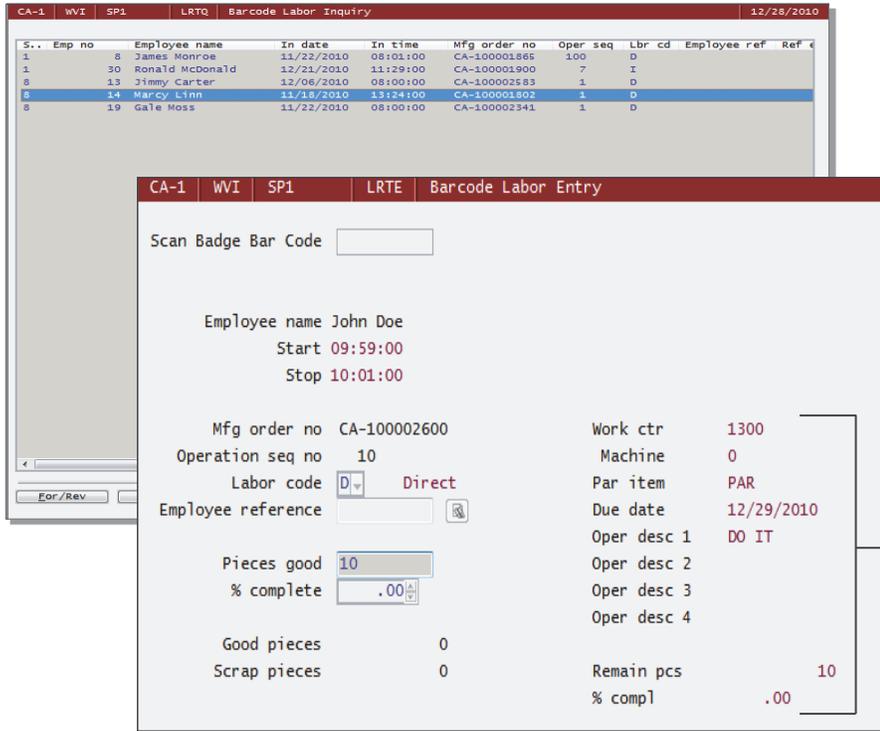


Accuracy and cost savings are two critical aspects of managing your enterprise that PowerShift's Labor Data Collection system provides. This capability enables employees to report their labor directly, providing real time information to the system as shop floor activities occur. Employees scan barcoded identification badges to clock in and out of your facility, as well as on and off tasks, thereby eliminating handwritten time cards. In addition to direct labor reporting, the application supports collection of indirect labor. The system clock is used for recording activity, so entries are synchronized to a single clock.



Employees scan barcoded badges to clock on and off work assignments.

Supervisors can see who is clocked into what manufacturing order and what operations are in progress.

The operator scans the shop paper and then enters work completed in real time.

Benefits

- Data entry is via a standard PC, equipped with a barcode scanner, and the PowerShift client QIC-PC II.
- Start times are recorded as tasks are started, allowing tasks currently in progress to be visible to all users.
- As operations are completed, stop times are recorded and hours worked calculated, providing real time status information to anyone who needs it.
- Optionally, you can configure PowerShift to back flush components, as good and scrap quantities are recorded against operations.
- Badge barcodes include a security feature requiring a badge scan for logging time, preventing manual keying of labor for another employee.
- Scanning barcodes reduces keying errors and streamlines data entry.
- Reduced labor reporting for a crew—only the crew leader is required to enter data pertaining to work performed. Crew leader can add or delete employees from the crew as each activity is started.
- No waiting for time cards to be keyed in on the day following activity—information is available on a real time basis, eliminating time delays and additional labor costs associated with batch-type entry.
- Works in conjunction with the Work Center Operations application. Activity can be selected from list for reporting.

Requirements

- Install barcode scanners at workstations.
- Print badges to clock in and out of the facility, as well as on and off tasks.

System-wide Features

- Standardized user interface is easy to learn; accepts point-and-click or keyboard input.
- Lookups speed record or order retrieval; sort the way you want and use the Restart or Find functions to locate the record you need.
- Each user can set and save sort and selection options for reports and inquiries, reducing the need for custom reports and programming.
- Output data to a printer, e-mail, fax, PDF, EDI, or Microsoft Excel.
- Information is accessible with pop-up windows, drill downs, and jumps to related programs, reducing the need to switch screens.
- The Data Dictionary supports ODBC, Report Generator, and QICLOOK™.
- F1 accesses online help for the program you are running.
- Security system allows users access to selected programs and accounts.

Standard Reports and Inquiries

Barcode Labor Inquiry
Daily Production Report
Employee Certification Listing
Employee Labor History Inquiry
Employee Listing
Indirect Labor Distribution Listing
Indirect Labor Report
Labor Distribution Preview Report
Labor Efficiency Report
Manufacturing Labor Inquiry
Manufacturing Labor Listing
Rate Exception Listing
Time Clocking Inquiry
Weekly Production Report

Registers

Labor Entry Register

Executive Information Summary

EIS statistics are updated immediately from labor entry just as in other PowerShift programs. These statistics include quantities ordered, open orders, quantity and percent complete, on time/early orders, late orders, rejected units, standard costs, and accumulated costs.

Documents

Employee Badge Print
(Manufacturing) Shop Paper Print

Audit Trails

Data collection transactions with user ID, time, and date stamps

Time Clock

- The server's system clock is the employee time clock.
- Employees can by option scan their badges to record their arrivals and departures.
- Employees scan the start and stop of activities performed.

Direct Labor Entry

- The initial scan of the employee badge and shop paper shows that the activity has started. Associated inquiries show what tasks are in progress.
- For visual verification during reporting, the program displays manufacturing order data for the entered operation sequence or indirect labor description.
- Allows employees to add notes about the job, e.g., machine or material problems.
- When an operation is completed, the program prompts the operator for the quantity of pieces good, and then pieces scrapped.
- The application uses the scanned start and stop time, along with the employee's defined lunch period, to calculate the actual time worked on a job.
- The program prompts the operator if the quantity scanned causes an over-reported operation, or if the reported hours and quantity are outside of a prescribed efficiency tolerance.
- Setup tasks are captured in a similar manner—the operator has the option of reporting any good or scrap quantities that relate to the setup operation.

Indirect Operations

- Scan barcodes to report indirect operations.
- Table entries assign indirect codes to specific general ledger account numbers.

Unattended Operations

- Scan badges to report unattended operations to track machine hours. You can use this data as the basis for preventive maintenance of capital equipment.
- Employee time is allocated to the number of unattended operations running.

Reporting Labor for a Crew

- Labor data collection includes support for operations that have multiple worker requirements.
- To reduce non-productive time, only the crew leader is required to enter data.
- The current crew member list is displayed at the start of each activity.

Certification

- Set up certification programs and instructors, and track any special training employees have received and when re-certification is due.

Management Tools

- Supervisors can instantly determine absences, location of employees, and job status.
- An override allows supervisors to alter an employee's shift parameters for a single day to preplan overtime or time away from work.
- Monitor performance of any employee for a selected period of time and produce performance reports.

Employee Records

- The Employee Maintenance (LSA) program includes the employee's shift, regular lunch period, reporting information, performance dates, and critical emergency information.

General Ledger Interface

- An option is available to update the general ledger. Variances are calculated along with standard labor-related entries.