

Solomon Supplemental Series



Bar Code Labor Data Collection for Manufacturers

The Bar Code Labor Data Collection module enables you to automatically collect employee labor hours and units by work order and operation. For manufacturers, the module feeds these hours and units to the work order and operation in the Work Order Module, and can optionally close out the work order if necessary.

The Bar Code Labor Data Collection can optionally be configured to feed the Time and Expense module in the Project Series for manufacturers who need to collect costs on a project or job basis. Labor and overtime costs charged to the work order can then be summarized at the job or project level, along with the costs associated with production units received.

The Bar Code Labor Data Collection module facilitates the labor and unit quantity collection by providing real-time editing of employee, work order, and operation to ensure that each scan is valid. The Interface will start the timer when the employee first scans into work order and stops the timer when the employee scans his name again.

The Labor Capture Interface module provides a day end closing process to upload all open transactions to the Work Order module in batches for later review, approval, and possible correction. This may be manually invoked by a supervisor or alternatively, may be automated and scheduled to run at a specific time every day.

The screenshot shows a software window titled "Labor Data Collection (LC.100.00)". It contains a form with the following fields:

Your Scanned Information	
Employee ID	E01182
Name	Bockbrader-Engr Michael J.
Work Order	1298
Operation	10
Quantity/Close	1 <input type="checkbox"/>
Description	DRILL Drill Brackets and Frame
Time of Scan	08/19/2002 11:08

Below the form is a large redacted area.

Bar Code Labor Data Collection

Labor Time and units are captured when employees clock in and scan a work order and operation. They clock out by scanning their employee badge a second time.

Features and Benefits

The Bar Code Labor Data Collection module provides the following features and benefits:

- Saves data entry time since bar code reader allows hands-free, real time capture of employee time
- Provides an accurate overtime calculation based on real hours charged, resulting in accurate tracking of labor rate variance from standards.
- Eliminates key entry errors of time posting to incorrect work orders
- Provides for easy operation by all shop floor workers since only an employee badge and shop paperwork are needed
- Saves money on hardware since bar code workstations can run on old PCs (486 Win 95 and above) and are not counted as Solomon users
- Saves time by allowing supervisors to review posted work order transactions on line

Supported Solomon IV Versions
Solomon IV for BackOffice 5.0 or greater
Required Solomon modules: Inventory, Customization Manager.
Optional modules: Bill of Materials, Order Management, one MS SQL license per station



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