



- Eliminate manual entry with powerful barcode scanning tools
- Increase Accuracy While Simplifying Processes
- Error-Proof Shipping
- Real-Time Visibility of Production
- Immediate Error Alerts
- Efficient Administration
- Capture Actual Production Labor Time

## Process Automation and Traceability Solutions for Tekla PowerFab

The Radley Material Traceability software solution provides a complete work force optimization solution. By streamlining data entry and daily operations, and automating manufacturing and material handling transactions, automating receiving, production and shipping, Radley software provides a user-friendly interface and enhanced functionality to bring your Fabrication Management System to the point of execution on the shop floor.

Delivering the real time information that is critical to adapting to today's ever-changing business climate, Radley software validates with scanned data against the Fabrication Management System database and makes updates with each transaction, as it happens. Without separate databases and manual data entry, better information is available immediately. Personnel can take action while it still matters. Imagine every material receipt, material location, shop order update and shipment pick validated and recorded correctly—right now! Experience the benefits of improved data accuracy, greater productivity and more efficient operational performance.

# Error-Proof Production, Shipping, and Tracking

## Receiving

Scan or enter details (e.g., heat number, stock note) to eliminate receiving paperwork, data entry, and associated errors. Enter stock locations based on the actual movement of material to help make receiving material easy and efficient. When you scan the Job or PO Number, a list of your purchase orders and open lines are downloaded directly to the device. Simply select and receive. By automating your receiving processes, you can have real-time information about incoming materials immediately available in your Fabrication Management System.

## Piece Tracking

Scanned completed assemblies from anywhere in the shop are immediately recorded in your system via a wireless network. You have a real-time view of what's going on in the shop; you know the location of all assemblies, by work area, at any time.

## Error-Proof Shipping

Immediately identify the exact date and time, on what trailer, any assembly was loaded, and verify that they were delivered. Radley software validates each assembly as it is loaded, virtually eliminating miscounts during loading. You can have 100% confidence that if your system says an assembly was shipped, it actually was shipped. Error proofing the shipping process alone may provide the return needed to justify your total bar code system investment.

## Labor Tracking

A large part of your profitability depends on how accurately you can calculate labor costs. Over time, even small errors in estimating can have a large effect on your numbers. Radley's Labor Tracking eliminates the need for guess work. You will have actual times scanned during production. Supervisors can review and, when necessary, edit the labor information for their employees. You can even reward your employees with incentive programs based on actual performance.

## Quality Control

Integrated quality control enables your QC staff to track rework easily. Set your standard reason codes and tag items that do not pass inspection. You then have the data you need to track trends in defects and identify appropriate actions—train employees or change processes. With this tool you can show potential customers and industry auditors you do indeed have your quality under control.

## Dashboards & Reports

Quickly respond to critical business events and take immediate action using highly visual, personalized dashboards and reports. Radley's Business Activity Monitor provides graphical displays of your key performance metrics plus real-time alerts. Displays event data from PowerFab or your other key applications.

## Job Site Tracking

Create a process that tracks job site status by scanning assemblies with rugged wireless batch terminals that update the status of each assembly in the 3D modeling software.

