



## QAD AUTOMATION SOLUTIONS

Manufacturers are challenged to manage material handling and warehousing operations effectively. Material handling errors can be costly, by interfering with meeting customer expectations for on-time delivery, accurate labeling and meeting quality standards. Errors also increase industry and regulatory compliance risk, may trigger penalties and increase expedited freight costs.

Inefficient inbound receiving and production replenishment may delay component deliveries to the manufacturing floor and cause production

stops. Inaccurate inventory data may result in excessive inventory. Manual workarounds may introduce errors and prohibit a rapid response to fulfilling material requirements.

Leading manufacturers that automate data collection, warehousing and shop floor instructions achieve inventory reductions and more effective material flow. Real-time visibility into material flows and digital automation techniques are essential to optimizing material movement and exceeding customers' expectations.

## BENEFITS

**QAD Automation Solutions** helps manufacturers automate and digitize the capture of material and production data and print labels according to manufacturer, supplier or customer formats to improve material handling effectiveness.

- **Reduce labor** required to capture transactions
- **Eliminate costly** label customizations and errors
- **Reduce downtime** and missed shipments
- **Manage and ensure accurate** label printing
- **Increase worker productivity** with proactive and real-time work instructions
- **Maximize warehouse space** utilization
- **Capture data** in real time
- **Improve inventory** accuracy
- **Reduce training time** for new personnel

## SOLUTION OVERVIEW

One of the key solutions of the [QAD Adaptive Applications](#) portfolio, **QAD Automation Solutions** improves operational visibility, control and accuracy across the internal supply chain, spanning inbound, production and outbound processes. It ties [Enterprise Resource Planning \(ERP\)](#), shop floor data and processes in real time to improve material handling speed, accuracy and inventory management.

- **Data Collection Framework**  
enables data capture automation for inbound receiving, inventory, asset management, production and shipping processes through simplified ERP transactions using a radio frequency (RF) scanner, tablet or a shop floor PC or terminal. Data Collection Framework supports a flexible configuration of data collection screens to adjust functionality to meet customer-specific business requirements.
- **Warehousing Extensions**  
enables task and business rules-driven warehouse operations, optimization of warehouse space and performance measurement of material handlers.
- **Automotive Extensions**  
provides ERP transactions and labels designed to meet the requirements of Honda and other OEMs.
- **Label Printing Services**  
automatically selects the right label format and prints labels associated with operations performed by the operator (receiving, production reporting or shipping) based on manufacturer, supplier and customer-specified formats and rules.

**For more information on how QAD Automation Solutions Management can help your company, go to [qad.com](http://qad.com), contact your account representative, [contact QAD](#) at +1-805-566-6100 or email [info@qad.com](mailto:info@qad.com).**

