

SAP MII iPad* Based Quality Inspection and Labor Tracking



RTS has designed and developed an SAP Manufacturing Intelligence and Integration (MII) based quality and labor tracking system **Starter Kit**.

What does the Solution offer?

- ✓ Keeps track of incoming raw material and finished goods quality with photographs.
- ✓ Provides visibility and tight control over perishable goods.
- ✓ Labor management: Minimizes data entry, reduces the overall data collection throughput time and increases data accuracy.
- ✓ Simplification, digitization of assembly line and quality processes to increase the accuracy and decrease the labor time.
- ✓ Provides easy access to critical information related to quality and labour in real-time.
- ✓ Consistent, repeatable grading system for defect management.



Scope:

- Quality parameters capture with picture taking capability
- Capture quality grading via dropdown menus
- Integration with ECC to bring WO/SKU details along with shelf life
- Role based dashboards/forms

Benefits:

The SAP MII Mobility Solution with **Bar Code Scanning** capability provides:

- Pareto reports on raw material quality inspections allows supplier detailed feedback. Provides historical overviews of the item quality and quantity by simply scanning the barcode of the SKU/Order. Product quality pictures are stored in your database for future reference.
- Easily capture quality inspection data at each manufacturing step or the finished product. The solution allows role-based access (inspectors, supervisors, administrators) to update workflows for quality inspections. Supervisors and administrators have access to escalate the workflow for any inspections. The solution is integrated with SAP ECC and brings the required information to the mobile tablet for a SKU/Order to help quality inspectors make a quick decision with the pre-defined business validations (for example, Minimum Allowed Variance, Best In, Used By check, or documentation check).
- Allow supervisors to capture employee information (start & end time, numbers of operators working, tasks being worked on, etc.) about the effort expended on orders and specific tasks on the shop floor. The back-end algorithm analyses and calculates the efficiencies of each worker in each department and presents a real-time management report.

*The web-based apps can execute either in iOS or Android environment.

Deployment time: 4 Weeks + 2 Weeks UAT

[RTS Consulting-Automation Inc.](http://www.rtsconsulting.com) has over 27 years of experience providing control system engineering services and leading software solutions while assisting companies adopt new technologies and achieve Operational Excellence. RTS has been instrumental with large organisations with their "Digital Enterprise" transformation. Our Background and expertise in Manufacturing Execution System (MES) implementations, shop floor automation control systems integration (PLC's, SCADA, IOT and Historians) and shop floor asset connectivity gives RTS a strategic advantage when developing and implementing IT/OT solutions for our customers.

We welcome you to [Connect](http://www.rtsconsulting.com) with us to discuss about your current manufacturing challenges and concerns when it comes to transforming the way, you do business.

