

Wonderware MES/Quality

Quality Management and Statistical Process Control for Manufacturing Operations

Safeguard quality and compliance by digitizing and automating quality operations and sample plan execution on the shop floor. Use powerful statistical process control (SPC) methods to empower stakeholders with visibility into trends and rule-violation notifications to effectively reduce quality losses, minimize variation and improve yields.

Summary

Wonderware MES/Quality software helps manufacturers increase efficiency by capturing and monitoring critical information in alignment with other operational activities and in response to shop floor events. MES/Quality is designed for quality data collection through enforcement of manual inspection procedures or direct sampling from automated plant equipment or control systems. Statistical Process Control (SPC) provides real-time visibility into trends, variation or non-conformance to enable rapid corrective and preventive actions. Wonderware MES software complements LIMS and quality management systems with automated data collection.

Business Value

Using Wonderware MES software, manufacturers can improve yields through increased product quality and operational efficiency. Automation, standardization and enforcement of inspection and data collection procedures help reduce costs while ensuring quality and maintaining regulatory and product safety compliance.

Benefits

- Improve product quality and reduce losses through tighter process control.
- Reduce lead time to corrective actions and minimize impact on downstream operations.
- Enhance operational agility while securing compliance for ever-changing production schedules.
- Predict issues and trigger preventive actions to avoid quality losses.
- Reduce compliance cost with a complete electronic record of product quality and operational activities.
- Improve yields and reduce giveaway by driving quality closer to specification limits.
- Capture and digitize best practices and standardize processes for quality inspections, compliance, corrective and preventive action (CAPA), non-conformance (NC), material disposition or sign-off approvals across plants.

Wonderware Mes Manual

Honbo Zhou



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