MESWORKS

CHALLENGES WITH PAPER BASED PRODUCTION TRACKING
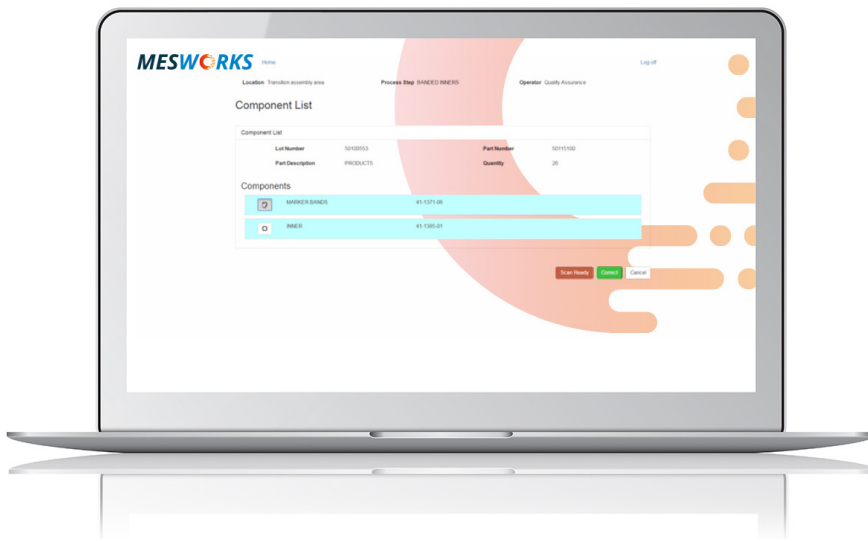
In the absence of a Manufacturing Execution System, organisations invariably have numerous manual systems and record critical-to-quality parameters and production activities on paper.

This leads to:

- Inefficient and time-consuming Batch Record reviews and approvals
- Batch Record errors
- Lack of visibility into the production process
- Difficulties in adhering to Data Integrity regulations
- Lack of actionable data and insights to drive process improvements
- Large volumes of paper Batch Records and associated logbooks

KEY FEATURES

Operations:
- Capture of Key Process Data & Parameters
- Routings
- SOP & Documentation Integration
- Downtime Recording
- WIP Traceability & Genealogy
- Intuitive Web Interface

Quality:
- QA Testing and Recording
- Process Operator Equipment & Material Enforcement
- Hold Management
- Defect Recording
- Paperless Manufacturing
- Full Audit Trailing & Electronic Signatures

BENEFITS

Compliance
- Greater Quality and Regulatory Compliance
- Data Integrity Compliance
- Electronic Device History Record

Operations
- Delivers 'Right First Time'
- Built-in Process Control
- Facilitates Real-time Operational Visibility

Operational Excellence
- Facilitates Operational Excellence initiatives
- Helps build a C.I. Culture

THE SOLUTION

MESWorks provides a framework to achieve more efficient and robust Manufacturing Operations Management by providing Operations and Quality staff with a system which can be used to guide and record all Production and Quality related activities. This ensures products are made in a consistent manner that adhere to specifications and regulations.

The solution also enables clients to implement Electronic Batch Recording.

HOW IT WORKS

The MESWorks system allows organisations to configure Production Routings and Process Control Rules that map to the clients production process. The software application provides an interface to capture Batch Record data including Component Tracking, Equipment Tracking, Defect Recording and Critical Process data. It also captures Downtime and Quality data. Security, Certification and Electronic Signature and Records (21 CFR Pt 11) are all incorporated in the system.

All information is entered through a Web Based interface which can be deployed on a laptop or mobile device in the production area.

PROVEN COST SAVINGS AND INCREASED QUALITY AND COMPLIANCE

Clients who have implemented MESWorks have completely streamlined their Production Tracking and Batch Recording activities. They have significantly reduced, and in some cases completely eliminated, paper in the manufacturing process. MESWorks has enabled them to Lean their entire Batch Recording and Review process. They have also greatly reduced human errors and non-conformances.

The further benefit of having Real Time data relating to the clients manufacturing process has enabled them to implement KPI tracking and drive further process improvements.

MESWORKS A PRODUCT BY DATAWORKS®
redefining possibilities