conMES - scalable solution for role-based manufacturing

Key Facts

- conMES is an MES template based on SAP MII, especially for roll-based manufacturing (Pulp&Paper, Metal, Textile), which can be flexibly and quickly adapted to your individual requirements
- The conMES template is offered in the following system architecture:
- SAP MII as Integration Layer
- SAP PCo for machine connections
- SAP UI5 as frontend technology and Node.js
- SAP MII for business logic

Benefits

- Extensive features included in the scope of delivery, especially for Mill Industry
- Customizable user interfaces for mapping complex processes
- Modular structure – expandable interfaces to SAP ERP and non-SAP systems
- Flexibles Reporting with SQL Reporting Services
- Machine connection with different technologies
- Full operational capability in case of system failure due to asynchronous system architecture
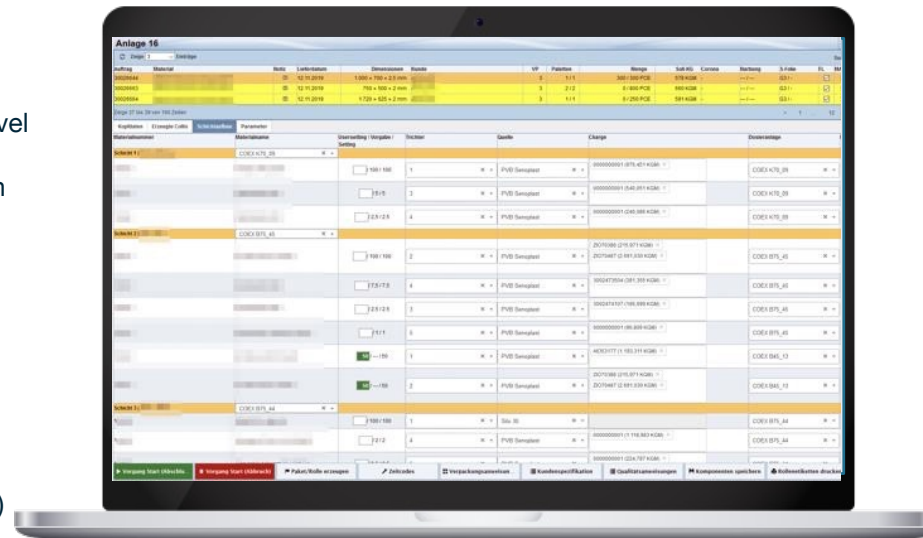
Functions

- Test plan creation and editing
- Label design & printing
- Reporting with MS Reporting Services
- Parameter settings on machine-material level
- Shift management, messaging system
- Man. or auto. interruption of the production processes
- PDA & MDA (Production & machine data acquisition)
- Staff time recording
- Work instructions / Tool mgmt. / QM data acquisition
- Defect, scrap and rework management

Highlights

- conMES offers a complete MES light system with a standard interface to SAP ERP and thus represents a ready-to-use industry solution.
- Generic functions such as order confirmation can be used for various industries
- Interfaces to machines, Excel, QM system, etc.
- Control of the entire production process
- Reporting and KPI Dashboard
- Recording of raw material consumption, machine data, and downtimes
- Machine connection

Technicals

- SAP PP, SAP MM, SAP MII 12.0 (or higher)
- SQL Server 2008 (or higher)
- IF such as OPC server for machine connection
- Optional: SAP WM or SAP EWM

Product owner

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