Activa™ Material Traceability

i4TECH

I4TECH's Material Traceability solution gives manufacturers the ability to meticulously track and document raw materials and finished goods throughout the production process enabling manufacturers to swiftly address quality concerns and conduct precise recalls when necessary. With the built in genealogy model, manufacturers can ensure adherence to quality standards, promptly identify deviations, and implement corrective actions, thereby fostering quality assurance, compliance and enhancing visibility and accountability throughout the manufacturing process.

KEY FEATURES:

MATERIAL 360

- Material consumption from raw material to finished goods
- Details for each part and product, such as inspection results, assembly information, and time spent at each station, are documented throughout the entire process
- Inbound material and inventory management

EXTEND WITH AN ERP

- Manage Goods Issue, Goods Movement and Goods Receipt workflows from one application only

DASHBOARDS & RECORDS

- Material Kanban board to track goods in transit from storage location to work centres
- Monitor Work In Progress Inventory
- Record of all electronic signatures with details about the specific operation activities
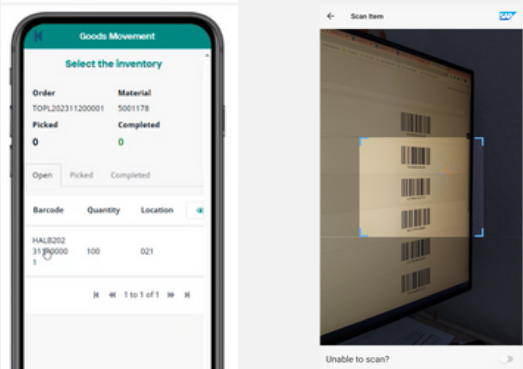

Figure 1: Activa™ Material Traceabilty makes it easy for shopfloor operators to scan, track and manage goods and materials.
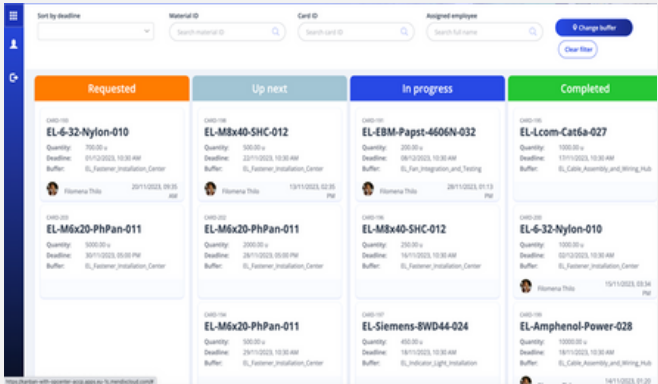

Figure 2. Activa™ Material Traceability has a Kanband board for production teams to track goods movement and Work In Progress Inventory

INTEGRATION POSSIBILITIES
WITH MENDIX CONNECT

SEAMLESS INTEGRATION

Ability to integrate with various data sources and IoT devices, consolidating information for real-time insights into manufacturing operations.

INFORMATION TECHNOLOGY

Connects various enterprise software, such as ERP and PLM, used in an organization and apps on Mendix.

CENTRAL HUB FOR METADATA

Acts as a central data hub to find data information.

DATA CONSISTENCY

Ensures uniformity in data usage across the organization.

REAL-TIME DATA INTEGRATION

Unlock and integrate real-time data from PLC, IoT devices, OPC-UA, and MQTT Broker.

MULTI-EXPERIENCE APPLICATIONS

Applications for all forms of interaction: Web, Native Mobile/Tablet, and Handheld

AVAILABLE ON   CLOUD | ON-PREMISE

Adapt and scale to specific plant and enterprise needs.

Find out more: info@i4-tech.io