Automating Bar-Code and Right To Know (RTK) Label Printing with SAP MII at World-Class Chemical Company

From Label Printing Errors to Incorrect Shipments

A world-class resin and synthetic rubber manufacturer with headquarters in North America, was facing challenges managing and printing their Right to Know (RTK) and product specific labels.

Before engaging with RTS Consulting (RTS), the customer had to manually extract data from multiple sub-systems and ERP in order to design and print their product labels.

Despite all efforts to conform to their customer specific and compliance label instructions, delays and errors were occurring due to the complex manual system that was in place.

The end result: shipping errors, increased customer complaints, longer delivery times, as well as unnecessary resources spent on product recalls and transportation cost. All topped with sales activity decrease due to repeated non-compliance to certain customer's label requirements.

After realizing the overall cost of this issue, RTS was selected to implement an effective, engineered solution to address the problem.

SAP MII Based Label Printing Solution

Subsequent to a detailed analysis and blue-printing session, RTS suggested an automated labeling solution using SAP MII, leveraging its native connectivity to other systems to print and manage Bar-Code/RTK labels from one single solution.

The delivered solution automatically accesses data from any system (SAP or NON-SAP based) including SAP ECC, third party Material Safety Data Sheet (MSDS), legacy ERP, etc.; gathering all relevant label information regardless of the location.

Information such as material, process order, compliance information, customer specific data, delivery data, etc. is sent to the label management software for printing automatically and accurately.

Benefits

- Automation of the label management and printing process: No human intervention / manual data gathering.
- Reduced labeling errors: Data accurately collected and processed on every single label.
- Orders shipped accurately: Product delivered on time, at the right place.
- Ensures adherence to compliance requirements.
- Single system of record to manage label development and template design.
- Support of international shipping with Multilanguage labels.

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