First Customer Success Story

First Customer is a Lexmark program where we implement our own products and solutions internally. As an organization, we gain the enhanced productivity and cost savings that our products provide. And for our customers, it means additional, real-world insights on product usage so that we can best collaborate on your needs.

Products/solutions in use: Lexmark GHS Label Publishing solution, GHS Label Printing solution and Lexmark MFPs
These integrations have several advantages. First, the smart templates pull data from the corresponding databases where relevant information is stored so that every label published contains the most up-to-date content. In addition, with the Lexmark GHS Label Printing solution and by integrating with its MES, labels are printed when and where they are needed, right in the manufacturing process. This creates a seamless system that ensures compliance with regulations without compromising efficiency.

**Results**

**Smart templates, smart solution**

With smart-template technology, information is automatically sized and positioned as needed. For example, if a chemical name is long, the font size can change so that the entire name can fit on the label instead of being truncated. Or, space can be made to accommodate the number of pictograms needed for each label.

In terms of Lexmark’s old process with the new GHS regulations, Callister says, “We would’ve had to go in and manually design each label to meet the new regulations and convert to a format that’s compatible with OSHA’s regulation. Now, we don’t have to reinvent the wheel to meet government regulations; each label adjusts so that it contains the right information in a format that’s legible.”

**Supporting compliance across the globe**

Every week, Lexmark ships toner internationally, most commonly between the U.S. and Mexico. Ensuring labels are accurate and compliant helps remove costly delays in transportation, and with labels in the right language, crossing borders is easier and there’s less of a delay in customs.

In terms of compliance, Alberto Hernandez Mariscal, sustainability and environmental health and safety (EHS) manager in the Lexmark Juarez plant, says, “One of the most important aspects to this system is that it will help transition us from a ‘right to know’ process to a ‘right to understand.’ Getting these labels right helps us reduce risk for our employees.”

**Less time and money spent on making a change**

Previously, the Lexmark team would have to manually update changing information in one system and then make the change to labels before reprinting. Now that the systems are integrated, when a change is made in the system of record, it is automatically reflected on the corresponding label at the next time of print.

According to Hernandez Mariscal, “Before when we’d have to make a change, we’d have to manually follow up for each label. Now, it’s completely automated.”

**Faster processes and better operations**

The implementation of the new system and process has been very “seamless, straightforward and easy,” according to Callister. The new system enables Lexmark plants to select the label that needs to be printed and direct output to specific devices across the plants.

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EHS manager, Lexmark Juarez plant
“We needed that flexibility,” states Callister, “From our MES, we can dictate where a label is printed, whether it’s to an office printer nearby or a printer on a loading dock.” For printing labels, Lexmark plants are using the Lexmark X792 multifunction color laser printer.

Printing for even the toughest environments

Lexmark sends shipments to China every week, sometimes daily. For maritime shipments, OSHA and GHS regulations stipulate that hazardous communication labels be certified for the International Maritime Dangerous Goods (IMDG) code and the British Standard (BS) 5609 Marine Immersion Label Testing Standard. Lexmark is one of a small number of printer manufacturers that are certified to print labels that pass the 90-day seawater submersion test and have gained IMDG BS 5609 certification.

Extending the value in more ways than one

The new approach to GHS labels offers multiple extended advantages to Lexmark. Already in practice today is the ability to create one-off hazardous communication labels for products not normally used within the plants. Specifically in the Juarez plant, this has been useful to improve communication for employees within the work place. Hernandez Mariscal says, “To put information together, particularly when it’s not a commonly used item, would be troublesome if done manually. We’d have to write it by hand. With this system, we can label what we need, when we need it.”

In addition, with the ability to search for a label on a computer, a mobile device or directly from the smart MFP, Lexmark’s GHS solutions ensure shipments get the labels they need, wherever and whenever they need them.

Smart templates: A perfect example

During the implementation of the Lexmark GHS Label Publishing and Printing solutions in Lexmark plants, the company as a whole rolled out a new Lexmark logo and brand identity. Making this change to GHS label templates was simple: The new logo was uploaded to the marketing library and the next label printed reflected the change. No pre-printed label stock was wasted, nor was any time spent updating individual files.

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