



Software Works (SWI)

CDC/Ross Systems Authorized Services Partner

CUSTOMER DETAILS

www.synalloy.com

INDUSTRY: CHEMICALS

CHALLENGES

- Ensuring correct products are shipped to the appropriate customer in a timely manner.
- Tracking inventory as it moves within the warehouse and between warehouses.
- Labeling product accurately as it is received and manufactured.
- Gathering precise inventory counts in a timely manner.

SOLUTION

- Ease of use and ability to customize were the primary factors leading to Synally decision that Scanworks was the best solution available.

RESULTS

- Scanworks has helped Synalloy maintain accurate up-to-minute inventory as well as optimize the shipping operation and inventory count process, which has helped save time and resulted in better decision making for over 7 years!

SYNALLOY CORPORATION SUCCESSFULLY IMPLEMENTS BARCODE SOLUTION PROVIDED BY SOFTWARE WORKS

BACKGROUND

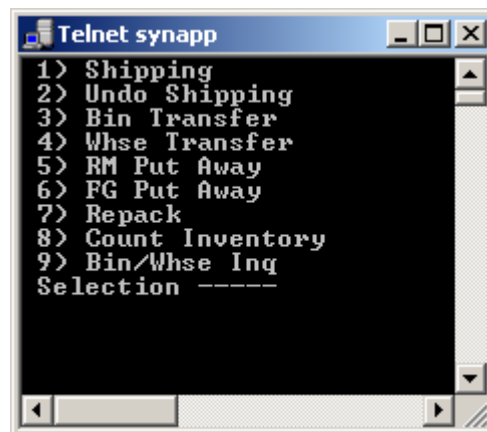
Synalloy Corporation made the decision to implement Ross ERP. As part of the implementation they were obligated to replace their existing automated data collection system. However, they were not satisfied with solution currently being offered by Ross. So they turned immediately to a vendor they knew from previous experience would do the job, Software Works.

OBSERVATIONS

It was obvious to Synalloy that the ability to tailor each transaction to meet their needs made Scanworks the clear choice! They were able to drive the requirements by defining their own barcode format and streamlining screen flows to best suite their process flows rather than have the software dictate how to run their business.

SOLUTION

Synalloy worked with Software Works to successfully implement the following 9 transactions:



▪ Shipping

Synalloy chose to divide their shipping transaction into 4 easy user definable steps:

- 1) Using Scanworks' data driven barcode definition, step one is to scan the barcode on dispatch note which is comprised of both division and dispatch note number.
- 2) Next the user scans the bin location from which the inventory is being picked.
- 3) They then scan the barcode from customizable inventory label comprised of part and package unit of measure.
- 4) The final step is to scan the lot and quantity.



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Synalloy uses potent products extensively. With the ability to define which data appears on the screen, they were able to display both the total quantity picked in both the primary inventory unit as well as the potent unit of measure.

Each step is associated with customizable validation. For example, Synalloy chose to validate characteristics and shipping tolerances after step 3. The order and choice of validation is all data driven!

- Undo Shipping was a custom transaction that was used to remove a single item from dispatch note that had been previously picked.

- Bin Transfer, RM Put Away, and FG Put Away

Taking advantage of the ability to assign multiple transactions to the same backend processing API, Synalloy opted to define 3 variations of the bin transfer without having to write any additional Gembase code! They simply defined the bin locations DOCK and STAGE in the default data setup. This removed the need for the user to have to repeatedly enter the from bin location within these transactions.

- Warehouse Transfer

As with the other transactions, the warehouse transfer utilizes the repeat steps and function keys, also user definable, to allow the user scan all of the inventory labels at once without have to reenter the from warehouse information each time. When the function key is pressed they are automatically taken to the first step. The data is transferred back to the server for automated processing. The user can continue on to the next transfer without having to wait for the update to occur.

- Repack

The repack transaction points to a stock conversion API that allows the users to packaged one product into multiple packages.

- Count

Taking advantage of user definable data, the user can enter 10 drums of lot 1234 rather than scanning each drum 10 times, saving significant time during physical inventory. Using the derive data function also allowed for only labeling and capturing the packaged or potent quantities. Ross requires capacity unit of measure when dealing with inventory quantities. This is all handled behind the scenes using derived data!

- Inventory Inquiry

Synalloy requested the ability to scan a drum and have the system display all other warehouse and bin location where that lot exists. This was easily definable as a transaction with derived data assigned to a dummy API that does not process any data. It's that easy!

SUMMARY

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