BUSINESS AUTOMATION SOFTWARE FOR PRINT AND PACKAGING

EFI Monarch RF for Order Fulfillment

Leverage Radio Frequency to Streamline and Organize Order Fulfillment

Accelerate your order fulfillment processes, ensure that information is accurate and up-to-date and gain improved warehouse visibility. By using Radio Frequency (RF) guns, your employees will become more efficient in their day-to-day operations and your EFI Monarch MIS will be more complete and reliable as a planning and decision-making tool.

Radio Frequency for Order Fulfillment

The EFI Monarch Order Fulfillment product decreases processing time, eliminates transaction errors and provides a higher degree of accuracy for job management and costing. This rapid and systematic scanning process includes an option for inventory management utilizing hand-held Radio Frequency (RF) guns. This feature lets inventory personnel scan a stocking label to transmit activity data directly into the EFI Monarch system.

RF processing is provided in the following areas:

- Finished goods receipts.
- Finished goods shipments.
- Cycle counting – information.
- Inventory movement and reconciliation information.
- Warehouse mapping – sequential processing.

In addition to facilitating greater inventory accuracy, the RF enhancement provides multiple system options, allowing use of both RF scanning and client server system processing. In addition, a three level Container-Tracking methodology is provided with assignment by ‘Inventory Item.’ The selected container-tracking method may include one or all three levels.

RF users can develop their custom container-tracking labels freeform using defined system fields. As these labels are printed and processed, information is extracted and updated to the system to provide processing and label tracking control. This feature also serves as a validation to flag unaccounted inventory items and incomplete order processing statuses. Additional features include:

- The ability to set up and maintain Warehouse Mapping.
- The use of Container Tracking Methodology for processing inventory.
- The ability to use a keyboard entry when an RF gun is not available.

Process a Variety of Labels

Use of labels is fundamental to RF inventory processing. The following label types are supported:

- Shipping labels.
- Warehouse and bin labels.
- Container labels: Package, carton and skid.
- Item labels.

Used in conjunction with Warehouse Mapping, bin barcode labels may be generated to affix to shelves. These labels may be used when putting items away, pulling items from stock and while performing cycle counting.

Container Labels can be used as the finished goods items are being packaged and boxed. These labels identify the items for storage in the warehouse and contain barcodes to be used with the RF guns when pulling orders and doing cycle counts.

Container tracking types have an established hierarchy, which enables users to select the type and number of levels assigned to each FG inventory item.
All of these may be selected and are used in conjunction with Warehouse, Bin and Job Tracking as illustrated below:

Container Types have been designed to allow multiple tracking levels that may be assigned to the finished goods inventory item. Container type and quantity are required on the label, which is printed and affixed to the container unit (e.g., skid, carton, and or package) to provide scanning capabilities to rapidly input inventory movement data directly to the system.

Although each actual Label Format is free-form developed and customized at each client site, the actual data printed on the label is extracted from the system. The label information and activity is maintained on two new files specifically created for this purpose.

Harness Easy Label Printing for More Efficient Tracking

The RF program uses printed labels to provide coded datatargets to be scanned by the RF guns. The Label Program populates and provides data for printing labels. Information entered during this process is used to create records in two tables, a header and detail label table, designed to maintain processing and status information for each printed label. This data provides valuable tracking information to insure that all FG inventory has been processed.

Increase your Speed, Efficiency and Accuracy with Process Mapping

The Radio Frequency, Order Fulfillment option gives you the ability to layout or “MAP” your warehouses by “BIN Location.” Used in conjunction with Warehouse Mapping, bin barcode labels may be generated to affix to shelves.

These labels may be used when putting items away, pulling items from stock and performing cycle counting.

Mapping the warehouse and using the RF gun to record inventory movement optimizes the efforts of warehouse personnel and minimizes processing time. While the use of RF gun replaces the need to work from or print a ‘pick list,’ the resource pulling the inventory is prompted to select component items in ‘Bin Order Sequence Number,’ rather than by item ID sequence. By combining this feature and the RF scanning capability, which directly interfaces with the system that the gun provides, you can increase processing speed, accuracy and efficiency.

EFI

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