



# MRA Technologies Case Study

## **BACKGROUND**

This government contractor needs to computerize their warehouse to provide the accountability required to do business with the government.

## **FUNCTIONAL REQUIREMENTS**

- Ability to locate items in the warehouse quickly and accurately
- Know the exact quantity and location of every item
- Track items using multiple units of measure
- Generate reorder reports, including the amount to reorder and the cost of the order
- Track shipments against a specific customer order
- Track receipts against a purchase order
- Track expiration dates
- FIFO picking, based on expiration dates
- Track serial numbers and whom they were shipped to
- Track lot numbers and who they were shipped to

- Support receiving, putaway, and picking
- Support cycle counting
- Improve speed and accuracy of physical inventory taking
- Ability of system to interface easily with other systems

## **SOLUTION**

MRA Technologies' inventory specialist worked closely with the government contractor to ensure that an appropriate solution was specified. Through the use of a unique, interactive, online demonstration, the customer was able to "walk through" some of the capabilities of the system prior to making a purchase.

The customer and the MRA inventory specialist together determined that MRA Inventory Track WMS offered the most flexibility met all of the customer's needs, and left ample room for growth in the future.

In view of budgetary considerations, the customer opted for a system using batch data processing over realtime data capture. In a batch processing environment, operators use portable data terminals (PDTs) to collect data, and then periodically insert the PDTs into a "dock" to upload the data to the system.

- Using the PDT, an operator receives a shipment against a PO or does a “blind receipt” when no PO is available -- At the time of receipt, bar code labels are generated for those items that are received without them
- Items are then put away -- Using the PDT, the operator scans the bar code label on the item, then the bar code label on the item’s location
- To fill a customer order, the operator picks the required items, scanning each item and location -- The system also generates a packing slip
- Whenever an operation (receiving, putaway, picking, etc.) is performed on an item that has a serial number, lot number, and/or expiration date, the operator is prompted to scan or type in the appropriate information
- The system can generate numerous standard reports, including reorder reports based on minimum stock level, reorder quantity, and cost; as well as history and item usage reports that provide valuable information to allow more accurate predictions of item consumption
- The cycle counting feature lets operators perform more frequent counts of expensive and/or fast moving items, resulting in fewer year-end reconciliation issues
- The inventory summary report allows the accounting department to see the total value of the inventory for tax purposes

## **COMPONENTS OF THE SYSTEM**

- 5-user, networked version of MRA Inventory Track WMS
- Unlimited technical and software support for one year
- Thermal bar code label printer with cable
- One-year’s supply of bar code labels and ribbons
- 2 Portable data terminals with integrated bar code laser scanner
- 2 PDT docks, cables, and power supply
- One hour of personal online training by MRA Technologies

## **WHAT IT COST: \$ 12,399**

MRA can tailor a system like this to match your requirements. Let us provide you with a highly competitive quote for a system with exactly the number of users, PDTs and printers that’s just right for your business.

We can even provide onsite installation and training, as well as business and technical consulting services to help you improve operational efficiency with solutions that deliver bottom line results.

For a highly competitive quote, contact us today:

800-354-2486

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