



Applications

CASE STUDIES



How do you track raw materials and sewing kits for an intimate apparel manufacturer?

Integrated Visual Systems has the answer.

A custom designed material management system with a real-time interface to the existing ERP host.

Maidenform, Inc., a seventy-nine year old intimate apparel manufacturer, has its corporate offices in Bayonne, NJ. The privately held company employs 5,000 and has facilities throughout the United States and in several foreign countries. The cutting facility for the company is located in Jacksonville, FL. In addition, there are sewing plants in Mexico and the Dominican Republic. All facilities went live with the IVS Material Management System on January 2, 2000.

The goal for the cutting facility was to improve inventory accuracy, increase worker productivity, automate real time tracking of order completion, and provide verification that orders were shipping complete and with the correct components. All areas of production from the receipt of raw materials to the shipment of the completed sewing kit had to be automated.

The company is using Essentus Sourcing and Demand Management software to manage order processing, planning and bill of material requirements. The IVS Material Management system is interfaced to the Essentus software through Oracle transaction tables. The interface provides a seamless two-way integration of real time data between the ERP system and production transactions.

The Material Management system is a client server application written in Visual Basic and running on a Windows NT network. The system utilizes wireless Access Points and seventy-five (75) handheld RF terminals to

We will have as much as \$17 million in inventory at our facility at any one time, with more than 215,000 different components ranging from spools of thread to plastic hooks to heavy rolls of fabric. Since implementing the IVS Material Management System, our inventory accuracy is running 99.6%. Even our auditors are amazed at the accuracy of our inventory.

- Brian Perry, Manufacturing Manager



provide wireless real-time portable data collection throughout the facilities. In addition, ELO touchscreens, wireless and wired keyboard wedges and Sato thermal transfer label printers are used.

The Material Management system provides for automation, barcode labeling and real-time data collection for all transactions including the following:

- Purchase Order Receiving
- Inspection
- Put Away
- Raw Material Allocation
- Creation of Production Groups
- Marker Room, Spread Instructions
- Spread Table Management, Remnant Return to Stock
- Picking - Single Source Order or Bulk
- Packing - Components and Accessories
- Transfer - One Way and Two Way
- Order Fulfillment, Shipping Manifest
- Replacement Parts Management
- Issue Kits and Manufactured Parts to Production
- Bundle Packing
- Finished Goods In-transit Notification
- Cycle Count
- Physical Inventory



The Material Management System is part of Maidenform's WAN and supports approximately two hundred users. On average, the system eliminates the manual key entry of five thousand (5000) transactions per day.



Integrated Visual System's sole focus is to deliver world class solutions to meet our clients automated data collection (ADC) requirements. To meet these specific requirements, we maintain a full development staff in-house. Both standard packages and custom designed applications are written and supported.

IVS provides a resource for companies who wish to implement integrated ADC systems without the expense of having a specialist on staff. With our years of experience in the design, installation, and support of ADC systems, we can help companies realize the full potential of the data collection equipment available on the market today and in the future. IVS develops ADC systems for a variety of industries including textiles, apparel, furniture, distribution and manufacturing.



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