



NATIONAL DISTRIBUTION CENTER

QuickPick®

Warehouse Management
Software



INTEGRATED VISUAL SYSTEMS

1207 Crews Road
Suite E

Phone: 704-847-3379
Fax: 704-847-4655
E-mail: sales@ivsi.com

*SHINING THE LIGHT ON
TECHNOLOGY...*

Park Designs is the number one wholesale source for home and kitchen textiles, decorative accessories and lighting. Located in Goldsboro NC, they have been serving their retail customers for over 15 years and are focused on providing the best customer service and quality products available to independent retailers.

As their catalog has grown to over 160 pages, so has their need for improved warehouse management and inventory accuracy. Their goal is to ship that day all orders received by 3PM. Achieving their goal requires tight inventory control and operator efficiency.

They use Sage's MAS 200 software for their accounting and customer order entry needs, but felt they needed a more robust solution to manage the warehouse. Using the real-time MAS 200 interface module, they were able to implement **QuickPick®** without requiring additional data entry. The interface updates all transactions performed in the warehouse to MAS 200 automatically.

The **QuickPick®** warehouse management software has improved inventory tracking, space utilization, pick bin replenishment and operator efficiency. It has also reduced out-of-stocks and shortened the time required to take physical inventories.

"Our major project was integrating Sage software with Integrated Visual Systems warehouse management system. This was done successfully and these two systems working together gives us great visibility and control of our inventory. This has increased our efficiency, driven down cost, and increased our speed to market. This is a great advantage for a distributor, especially in these economic conditions."

- Perry Johnson, Vice President of Operations , Park Designs

AVAILABLE MODULES:

Core System Module
Customer Order Management
Work Order Management
Purchase Order Management
Transfer Fulfillment
Quality Inspection

MAS 200 ERP Interface
Macola ERP Interface
SYSPRO ERP Interface
IVS SDK Interface



The first step for a new installation of WMS is to get the existing inventory labeled. To accomplish this goal, all product information from MAS 200 (Item number, description, category, UOM, etc.) was imported into **QuickPick®**. Using a mobile printing station, all inventory in the racks was identified and labeled.

Additionally, the Purchase Order Management module was implemented. All open purchase orders are imported into WMS, allowing the operator to receive incoming goods through the WMS PO Receiving function. Upon receipt, labels are automatically generated for all incoming inventory.

Implementing these transaction first allowed operators to barcode both incoming goods and existing inventory. The labeling process took several months, during which time the rest of the interface was confirmed and the operators trained. Once all inventory and warehouse locations were in the WMS, a physical inventory was scheduled.

This first inventory established what the true inventory levels were and where in the warehouse the goods were located. Upon completion of the inventory, the summary inventory balances were uploaded to MAS 200 and became the starting balance for “go-live”. From that point forward, all transactions to inventory (receipts, issues, adjustments, order fulfillment) are initiated by WMS and passed real-time to MAS 200.

Scanning items to bin locations has greatly reduced the amount of time that operators spend looking for inventory. When a pick bin needs replenishment, the operator is provided with real-time information regarding the location of the oldest (FIFO) on-hand stock. Inquiry functions on the RF terminal show both the detail view and summary view of available inventory of the product.

Park Design’s uses “internal” warehouses to segregate inventory for specific major accounts. The Transfer Move function makes the process simple, allowing the operator to simply scan the items that are to be transferred. Upon completion of the transaction, the inventory moves are updated in MAS 200, keeping the warehouses in synch.

Perhaps the largest efficiency gain to date is the improvement in the time required to take a physical inventory. Prior to implementing **QuickPick®**, the average physical took 8-10 days to complete. The latest physical taken, using wireless terminals and barcode scanning, took 4 days. This means less down time for customer order processing and much lower labor cost for the company.

The efficiency of the warehouse operators continues to improve as they become more familiar with the system and learn to take advantage of the many functions available to them on their wireless terminal. This increased operator knowledge combined with on-going real-time cycle counts has resulted in a more accurate inventory and ever improving operator efficiency. Knowing what’s in the warehouse and where to find it makes everyone more productive.



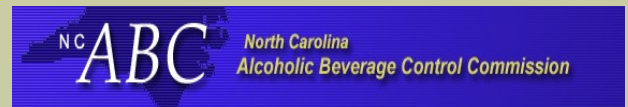
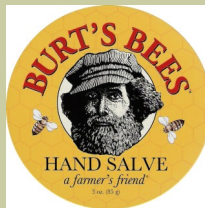


IVS Interface SDK

One of the modules available for the QuickPick® application suite is a Host Interface SDK. Since our WMS is designed to complement a company's accounting software - not replace it, it is imperative that we can facilitate a reliable, real-time exchange of information between the host ERP system and the WMS. For Park Designs, this required the development of an interface between Sage MAS 200 ERP and the QuickPick® tables.

To guarantee that MAS 200 was updated correctly and all business logic was intact, IVS joined forces with Aries Technology Group LLC, a Sage Software Master Developer. With their assistance and guidance, a fully automated interface was designed and implemented. All inventory transactions are performed in the WMS, then updated directly to MAS 200. The two systems are maintained in balance providing customer service representatives with an accurate picture of product availability.

Please contact us today to learn how the QuickPick® WMS can enhance your warehouse efficiency and improve your inventory accuracy. Working in conjunction with MAS ERP software, we can provide warehouse management functionality that goes beyond the "barcode" solutions that are commonly offered. Demos and site visits are available upon request.



Please make inquiries to:

Integrated Visual Systems, Inc.
 1207-E Crews Road
 Matthews, NC 28105
 Tel (704) 847-3379
 Fax (704) 847-4655
 www.ivsi.com

