



Warehouse Pro

VAI's Warehouse Pro application helps you enhance productivity and improve overall warehouse efficiency, so you can meet your company's operational performance objectives and increase customer satisfaction. With true random bin, lot, and serial number tracking for receiving, pallet assembly, movement, picking, and order verification, VAI's Warehouse Pro enables accurate and efficient end-to-end tracking of goods through your entire facility.

Warehouse Pro provides a more automated enterprise through real-time integration with S2K Enterprise Edition applications. It offers a wide range of benefits for companies in these industries:

Consider the following business benefits of Warehouse Pro:

- More accurate and timely information
- Reduced overhead
- Optimized warehouse space
- Increased inventory accuracy
- Reduced shipping errors
- Increased productivity
- Traceability and quality control

Distribution: To become successful, distributors must increase both fulfillment speed and accuracy.

By using Warehouse Pro to automate the picking and shipping process, distributors can locate and pick items more efficiently and accurately, expediting the fulfillment process. This results in greater throughput, increased inventory turns, better on-time delivery, and reduced expedited freight costs.

Manufacturing: Transferring accurate data from the warehouse or the shop floor to your enterprise application in an efficient manner is a never-ending challenge. By automating component tracking and put-aways with Warehouse Pro, you can process material issues for production more efficiently. Access to accurate, up-to-the minute views of inventory enable you to hold only what you need when you need it, reducing carrying costs.

Retail: Using technology to quickly move products between your warehouse and your stores helps save time and increases productivity. With Warehouse Pro, you can reduce congestion on the stockroom floor by knowing exactly where inventory is located. And by automating the store delivery processes, retailers can quickly deliver goods and manage inventory while increasing accuracy for reduced shrinkage.

With Warehouse Pro, you can automate the following areas:

Receiving/Pallet Creation

With Warehouse Pro, receiving and pallet creation is easier than ever. It supports receiving by purchase order or container, with manual or RF posting of the receipt. And upon receipt, you can note the lots and serial numbers received. Using Warehouse Pro, you can verify customer returns against an RMA and hold them open for multiple return shipments. Refused shipments can be easily returned to inventory and the system can automatically create the related customer RMA. To simplify tracking the pallet as it moves through the warehouse, you can automatically assign a pallet number and print a pallet license plate.

Product Movement

Warehouse Pro's product movement program automates the movement and tracking of products. It automatically creates move tickets for received items and for bin replenishment based on picking lane requirements and bulk stock merges. And you can use the RF move ticket entry program to scan the "from" location, item, or pallet being moved, and the "to" location. Once you accept the move, the system will immediately transfer the quantity to the newly assigned bin. The item history feature keeps track of all movement for each product.

Order Management

Warehouse Pro greatly simplifies the order management process. The order manager screen allows you to view and select sales orders and warehouse transfer orders for individual or wave picking based on a myriad of sort criteria. And, you can view the selected orders and group orders for picking based on weight, cubic measure, quantity, or line items. The order manager screen allows you to create consolidated or individual pick tickets and provides the ability to review the current picking in progress and analyze the performance by area, zone, and picker.

WIP Material Issues

In addition to customer shipments, Warehouse Pro allows you to effectively manage material issues for production and release work orders to the warehouse for individual or wave picking. Materials required for production can then be picked and delivered to the proper work center.

Picking

For enhanced flexibility, Warehouse Pro supports both paper-based and RF picking. From the Order Manager program, the system will generate a pick ticket that will display the items based on area, zone, path, and bin sequence. RF picking can then be utilized to scan the bin and the item picked. Upon scanning, the system will verify that the correct bin, item, and quantity were picked and move the item to the user's staging bin. A bar-coded picking label can be automatically generated to track the tote or pallet used for picking the order.

Order Verification

Warehouse Pro's Order Verification allows you to verify the items that have been picked against the customer order. Upon scanning each item, the system will verify that the correct item and quantity was picked for the order. In addition, the system will prompt you for any serial numbers or lot numbers that may be required. Box (carton) tracking is available, enabling you to designate which items are in a

specific box. Upon ending each box, you can enter in the weight, ship-via, freight charges, and the tracking number of each box. And after completing the order, the system will prompt you to backorder any items that have been short shipped. The system will then total all cartons and applicable freight charges. You can also print a packing list or an invoice, designate the orders to be shipped on a specific truck, and generate a bill of lading if required. For EDI orders, UCC-128 labels and 856 Advance Ship Notices can be generated automatically.

Warehouse Transfers

Warehouse transfers can be automatically or manually created for both inter-location and inter-company transfers. Suggested transfers are based on the usage, transfer lead time, and minimum requirements of each location. You can use the transfer maintenance program to review suggested transfers and adjust the stock allocations for each item by location. Transfers are then released to the order manager program for picking, order verification, and shipping.

Cycle and Physical Counting

Cycle and Physical Counting programs help you control and gauge the accuracy of current inventory records that are maintained in the locator system. Automatic cycle counting takes place continuously based on the cycle class code assigned in the item master file. The cycle count process writes transaction records,

prints count sheets, allows RF-based counting, and produces variance reports. Full physical inventory counting is supported using wireless terminals or count sheets. Plus, detailed inquiries display all counting activity and variances reported.

Performance Reporting

Warehouse Pro tracks all warehouse activity by user, station, date, time, task, item, quantity, and pounds, providing objective performance monitoring, as well as analysis and reporting of labor activity. With accurate performance data, you can better allocate resources to increase productivity—not your workforce—and reduce overall labor costs.

Shipping Integration

Warehouse Pro provides complete shipping integration to carrier-supplied shipping systems through Open Database Connectivity (ODBC) to import and export data between applications. In addition, standard interfaces to multi-carrier transportation management systems can help manage all parcel and freight shipment requirements. By integrating your shipping system with S2K's accounting system, you can increase productivity and greatly reduce the possibility of human error.

As an award-winning IBM Premier Business Partner and software developer, VAI solutions provide the power and unsurpassed value that companies need to address key industry requirements and deliver bottom-line results. Our long-term partnerships with technology leaders, such as IBM, can help you develop a resilient technology infrastructure that provides a security-rich, agile, available, and recoverable environment for your business. One that gives you the flexibility to adjust to changing pressures, demands, and expectations. All supported by a comprehensive set of services, reflecting years of industry knowledge and experience. At VAI, we bring together the best of IBM—and our strategic partners—to effect change and optimize business performance.



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