



QuickPick®



Warehouse Management Software

*Shining the light on
technology....*

For the last 10 years, **QuickPick®** warehouse management software has operated in the real world. During that time the system has undergone continuous improvement and enhancement. Meeting the challenges of day to day operations has required developing new functions, modifying existing features and correcting errors that were discovered. The result is a WMS capable of handling the exceptions, because exceptions happen every day in the real world.

Built with flexibility in mind, **QuickPick®** is user configurable to meet the specific requirements of the customer. You determine how inventory is tracked, how warehouse locations are defined, suggested putaway logic, picking method/sequence, etc. As your needs change, the system configuration module allows you to modify the system logic to address new standards and customer requirements.

The system provides a date and time stamped transaction log for every inventory update. This full audit trail history is necessary to meet current requirements for lot traceability, consumer recalls and EDI. Operator performance data by transaction type is also available.

QuickPick® is built on the Microsoft SQL Server database and can be expanded as your company grows. The database is structured to allow user defined queries and reports. An internal report creation tool is included.

Please call today to talk to a representative or to schedule a product demonstration. Site visits are also available by request.

INTEGRATED VISUAL SYSTEMS

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QuickPick®

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



QuickPick® supports paperless picking for three different functional areas: Customer Orders, Transfers and Work Orders. Drag and drop “Picker Assignment” allows the supervisor to place orders in the picker’s queue to be picked randomly or sequenced, depending on how the module is configured. The Pick Detail transaction for all three order types shows what specific product was picked (down to Unit ID/Lot/Serial Number detail) and which inventory bin/location it was picked from.

The Customer Order module supports Pick to Stage, Pick to Load, Pick to Pack, Pick to Container and Pick Line functions. If an order is picked to stage, an RF Load function verifies that all pallets picked for the order are loaded. It also directs the operator to the appropriate dock door to assure that the order is loaded onto the correct trailer. An RF Pallet Adjustment function allows the operator to shift inventory from one pallet to another (of the same order) to assist loading. A Pallet Inquiry function displays all the items assigned to the pallet to permit verification prior to shipping. Both pallet Content and Shipping Address labels are produced and printing of customer specific compliance labels is fully supported.

The Transfer module provides the functions needed to manage multiple warehouses with inventory visibility of all warehouses. Both host driven and operator driven transfer requests are supported. Transfer orders are created by “Ship To” and then picked utilizing wireless RF terminals. For “Two Way” transfers (between internal warehouses) the goods are placed in-transit when shipped and are received at the destination warehouse by scanning. Full inventory visibility includes the ability to see goods in-transit between warehouses.

The Work Order Management module was designed to manage and track inventory used in Work Order manufacturing/assembly. The flow for picking the bill of materials for a Work Order is much the same as other types of RF picking. The Work Order is assigned a manufacturing line or “Deliver To” location and once goods are scanned to that location they are consumed at actual. A Work Order Return to Stock function creates a negative consumption transaction for any goods returned from manufacturing and put back into inventory. Pick Detail provides full accountability for raw materials which have been consumed to produce the Work Order.

The Production Recording screen records the quantity of goods produced against the Work Order and generates barcode labels. A user configuration option tells the system whether the goods are considered inventory when the labels are printed or require “confirmation” at the end of the production process. User Defined Fields like Machine Number, Operator ID, Qty of Scrap, etc. can be collected. A Production Detail screen displays all inventory created by the Work Order, it’s current warehouse location, quantity per item and inventory status.

For products that require inspection prior to use, the Quality Inspection module automates the QC process. In the Product Master, items are flagged for inspection by Vendor. Each time inventory of the product is received or created, it is flagged as “un-inspected”. Items in an un-inspected status cannot be picked or consumed. An Inspection Inquiry screen displays all the inventory items that have been created that require inspection. Additionally, a Product Inspection screen allows the QC operator to inspect all the inventory of a particular product at the same time.

Full support for real-time RF Cycle Counting is supported. Cycle Count frequency by bin/location is assigned by the user and maintained by the system. The supervisor is provided a detailed Cycle Count Error screen which shows the expected versus actual cycle count results. From this screen, he/she can determine whether to re-count the bin/location or reconcile the inventory. If the location is reconciled, the system will generate all appropriate host transactions to keep the warehouse management system and host system in synch.

The first step for a new installation of WMS is to get the existing inventory labeled. To accomplish this goal, all product information from the host ERP system (Item number, description, category, UOM, etc.) is imported into **QuickPick®**. Using a mobile printing station, all inventory in the racks can be 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 allows the operators to barcode both incoming goods and existing inventory. The labeling process can take several months, during which time the rest of the interface is confirmed and the operators trained. Once all inventory and warehouse locations are recorded in the WMS, a physical inventory is scheduled.



IVS Interface SDK

Integrated Visual Systems began operations in 1993. In the beginning, we specialized in custom data collection systems for corporations that wanted to implement the latest technologies – barcode printing and scanning, wireless handheld terminals, machine monitoring interfaces, etc. We developed hundreds of custom applications ranging from warehouse management, production recording, work order management, labor tracking, product labeling, fabric inspection, incentive pay, access control and machine monitoring.

Developing customer specific applications taught us a lot about how to determine the end user's requirements, how to define and manage a project, and how to develop a detailed system specification - the blueprint for a successful installation. These skills have served us well. Our attention to detail, our guarantee of customer satisfaction and our prompt and reliable customer support are the driving factors behind our success.

The custom systems we implemented were highly successful, but required a substantial project budget, which put them out of the reach of most small to mid-sized warehouse operations. In 1999 IVS decided to take its years of experience in custom development and create a fully featured warehouse management product that is user configurable, fast to implement and cost effective. The result is QuickPick®, a no nonsense solution to your inventory control needs.

IVS is located in Matthews, North Carolina, part of the Charlotte Metropolitan area. QuickPick® has been implemented in a variety of industries including distribution, furniture, light and heavy manufacturing, health and beauty and chemicals. QuickPick® is field tested and proven to increase operator efficiency and improve inventory accuracy. It is the perfect tool to help you streamline your warehouse operations, fully utilize your facility and get the most of your warehouse personnel.

We are business partners with the industry's leading hardware manufacturers including: LXE, Cisco, Sato, Zebra, Datalogic, Intelligent Instrumentation, Microscan and Metrologic. IVS offers custom programming, installation and training services and complete hardware and software technical support. In essence, IVS is a systems integrator providing turnkey warehouse solutions with an emphasis on service and support. The result . . . IVS is your single source for virtually any warehouse management project.

Please contact us today to discuss your specific requirements. Our services include documenting your current processes in conjunction with process improvement evaluations, performing a needs analysis survey, and offering assistance with ROI calculations. We will be happy to answer any questions you have regarding IVS or our QuickPick® WMS application.



Please make inquiries to:

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