***Alba360 WMS & Data Capture:***

*The Microsoft Dynamics® GP Barcoding & Warehouse Management solution for small to mid-sized Distributors*

**What is Alba360 WMS?**

Alba360 WMSis an easy to use and adaptable barcoding/ Warehouse Management System (WMS) designed to manage the flow of inventory through the warehouse. All data captured through barcode scanners is transmitted in real-time to the Microsoft Dynamics® GP database. Alba360 WMS was developed for Microsoft Dynamics GP and is tightly integrated with its Purchasing, Inventory Management and Order Fulfillment modules.

**‘Top of the Line’ Service Oriented Architecture**

Barcode scanners running Alba360 WMS client application communicate with the WMS Application Server via Wi-Fi or wired connections. All communication between the barcode scanners and application server is handled through Web Services built on a robust service-oriented architecture.

**Easy to Use**

Designed with a Modal Graphical User Interface or workflow methodology to simplify the user interface and reduce training time and errors. User only sees the options necessary to move from one step to the next in the workflow.

**Seamless Integrations**: Alba WMS is fully integrated with Alba’s Posting Server and Auto Transfer products, allowing order transfers to invoices and posting of such invoices to be incorporated into the workflow.

**Advanced Monitoring through Web Management Portal**

Alba360 WMS provides a Web Portal for warehouse supervisors to monitor and track WMS users and activities; such as by shift, employee, status, assigned and completed tasks

**User-Level Security**

Alba360 WMS utilizes Microsoft Dynamics GP user logins for accessing the WMS application on barcode scanners and the user-level security is configurable within Microsoft Dynamics GP.

**Multi-lingual Support**

Supports multiple languages and allows captions on each WMS screen to be modified or translated into other languages.

**What Alba360 WMS Users Have to Say:**

*“Tian-Tian Food Service has been using Alba Spectrum’s barcoding system for several years. It has given us the controls and efficiencies that we need. Luis and his team delivered several enhancements to Microsoft Dynamics GP which have significantly improved our sales order entry process, shipment routing, and handling of catch-weight items. I certainly recommend Alba Spectrum’s services and products to any company that uses Microsoft Dynamics GP.”*

Eddie H. President

**Tian-Tian Food Service**

**Receiving**

Does receiving inventory take too long that your sales department has no idea what is available? Connect your front office with your warehouse and increase your sales potential by receiving inventory in real-time.

**Features & Benefits:**

* **Automatic Validation:** Inventory is automatically validated against an existing purchase order in Microsoft Dynamics GP and can be viewed via barcode scanners. The barcode scanning interface also uses Microsoft Dynamics GP rules and item configuration to display appropriate information and prompts at all times. This allows for easy training amongst warehouse staff.
* **Organized Warehouse and Productive Staff:** Warehouse items can be received into a default Receiving Bin where staff can easily transfer them to their appropriate location via Bin-to-Bin Transfer.
* **Streamlined Bulk Receiving:** By simply importing vendor shipment data files into the Bulk Receiving Module, you can generate Purchase Receipt data and print inventory labels for multiple items to help expedite the process of receiving large shipments.
* **Increased Insight and Accuracy:** After processing a Mass Receipt, Alba360 WMS creates an un-posted purchase receipt, allowing a supervisor to verify the transaction and print an Edit List before it is posted.

**Picking, Packing & Shipping**

If you feel your picking and packing operations are disorganized and causing chaos in the warehouse, then it’s time to re-evaluate. Alba360 WMS executes picking and packing operations from mobile scanning units, speeding up the entire order fulfillment process.

**Features & Benefits:**

* **Start to Finish Workflows**: Alba360 WMS includes a workflow that manages orders from the moment they are entered to the moment they are shipped out of the warehouse. You can confirm and pick items from sales orders, invoices, and backorders all from a mobile device. In addition, picking workflows can be streamlined by saving picked orders to specific batches in Microsoft Dynamics GP. There are also separate fulfillment workflows for standard, lot tracked and serialized inventory.
* **Wave Picking:** Alba360 WMS allows wave picking through sales batches. Batches can be processed based on pre-configured delivery rules within Microsoft Dynamics GP, keeping your staff consistent and your orders accurate. The workflow also allows auto-printing of documents (Packing Lists and Invoices). As orders move through the workflow, Alba WMS also moves such orders to new batches grouping them based on their workflow status.
* **Accurate Order Fulfillment:** Alba360 WMS allows users to fulfill orders and confirm previously picked items so they can be processed for delivery quickly and efficiently.
* **LIFO and FIFO:** If you are using a Last-In-Last-Out or First-In-First-Out method for your lot or serial tracked items, we can handle this picking process for you. Alba360 WMS will direct your warehouse picker to the appropriate location based upon your method of choice.
* **Valuable Insight:** Orders being fulfilled are validated via barcode scanner, minimizing errors and providing key information to the warehouse staff. Alba360 WMS also provides a Web Portal for warehouse supervisors to monitor and track WMS users and activities.
* **Streamlined Shipping Preparation:** Shipping labels containing customer information and order references can be generated from the dock or from Microsoft Dynamics GP Sales Order Entry screen.
* **Access to Delivery Documents**: Quickly generate route pick tickets, delivery sheets, and loading instructions from the mobile device within the picking process.

**Inventory Management**

Do you dread the time it takes to do an inventory stock count? With Alba360 WMS you can not only reduce the time it takes to complete a count, but minimize the errors by using barcode scanners instead of pen and paper.

**Features & Benefits:**

* **Accurate Site and Bin Tracking:** Perform Site-to-Site inventory transfer or Bin-to-Bin moves while maintaining a complete log of all transfer transactions. Alba360 WMS also supports bin transfers of items on un-posted PO Receipts so you’re always “in the know”.
* **Timely Stock Counts:** Process timely and relevant stock counts via barcode scanners utilizing the Stock Count Schedule in Microsoft Dynamics GP. Warehouse supervisors can also setup Stock Count Schedules based on bin locations, sites or other filters for extreme effectiveness.

**Barcode Label Printing**

Do your stock items come with barcode labels that do not match your own part numbers? Or, perhaps items may come without a barcode label? You can easily create new barcoded labels to match the items you have in your Microsoft Dynamics GP system with Alba360 WMS.

**Features & Benefits:**

* **Automatic Barcode Labeling:** Barcode labels can be automatically generated within the Purchasing and Inventory modules in Microsoft Dynamics GP from Alba360 WMS.
* **Proper Barcode Assignments**: Barcode labels can be assigned to inventory units of measure, which allows separate label definitions for individual items, box, and pallet label types.
* **Print Labels on the Fly**: Barcode labels can be automatically generated during the receiving or picking process.

**Manufacturing**

Manufacturing requires streamlined processes so that the right tools are used to create an optimal end product for your consumers. If you have any broken links in your chain, you could be at greater risk than you realize. With simplified workflows and real-time access to data through mobile devices, Alba360 WMS can repair any broken links.

**Features & Benefits:**

* **Simplified Workflows:** From manufacturing orders to creating a pick list, a streamlined workflow within Alba360 WMS takes you through every step of the process for successful completion of manufacturing orders.
* **Real-Time Manufacturing Order Updates:** With the Alba360 WMS handheld scanners, employees can pick items as well as receive MOs and the data is reflected in real time to the business office and sales personnel.

**Who is Alba Spectrum?**

Alba Spectrum is made up of technical consultants and domain experts that can help bridge the gap between base functionality offered by business solutions, such as Microsoft Dynamics GP and actual customer needs. Our areas of expertise include, Financials, Sales & Distribution, Warehouse Management, System Integration, and E-Commerce & Payment Processing.