

AccellosOne



AccellosOne Collect For Microsoft Dynamics® GP

A Data Capture Formula That's a Proven Winner

Accurate and timely information is paramount for today's warehouse, distribution, or manufacturing operation. AccellosOne Collect offers a complete warehouse management solution designed to automate your data collection needs.

AccellosOne Collect for Distribution and Manufacturing is scalable and highly configurable for your operation. Our warehouse management solutions enhance and automate all major areas of Microsoft Dynamics GP Distribution and Manufacturing capabilities. We also automate other complimentary business processes such as EDI and Shipping that enhance the distribution capabilities of Microsoft Dynamics GP.

AccellosOne Collect is designed for distributors and manufacturers and it can be a phased warehouse management solution for any company – including start-ups. With over 4,000 Accellos One implementations across North America, and the globe, our products and services are connecting, collecting, and controlling the information of today's leading companies in a wide variety of market verticals including automotive, pharmaceutical, food and beverage, consumer packaged goods, computers and electronics and more.

Your workforce makes you successful. They run the warehouse, drive the forklifts, and pick the orders. Automating your workforce will make your business more successful and profitable. Our easy to install products combined with our professional services means implementation is quick but thorough.



RECEIVING DOCK

- Faster input of data
- Immediate update of Microsoft Dynamics GP
- Back order notification
- Barcode label generation
- Efficient lot/serial input

WAREHOUSE

- Easy movement of inventory
- Better warehouse utilization with multi-bin capability
- Simplified receipt and issue of inventory

LOADING DOCK

- Guaranteed picking of inventory
- Guided picking for multiple locations

MANUFACTURING

- FIFO/FEFO directed Picking for raw materials and finished goods
- Track employee performance metrics in real time
- Complete cradle to grave lot and serial traceability

SHIPPING (Accellos One Ship)

- Maximize cost savings with our multi-carrier rating engine
- Improve your shipment reliability and increase customer satisfaction

BUSINESS INTELLIGENCE (Accellos One Pulse)

- Gain access to extensible dashboards with Accellos One Pulse
- Monitor the health of key metrics in real time



In their March 2010 report the Aberdeen Group found: “74% of respondents indicated the B2B integration and collaboration is a strategic initiative in their company. Only 8% of the companies indicated that they are integrated electronically with 100% of their suppliers.”

Product Information

Using wireless technology, AccellosOne Collect integrates with Microsoft Dynamics GP by gathering data at its origin and entering it real-time back into the business system. Information is gathered through simple user prompts on RF handhelds, and processed through Microsoft Dynamics GP following all of its business rules. There are several modules that make up AccellosOne Collect. This chart shows you how these modules relate to the Microsoft Dynamics GP transactions that they automate.

Module		Integrates to GP Transaction
Receiving		Receiving Transaction Entry (Shipment)
Order Fulfillment		Sales Transaction Entry (Order Invoice Fulfillment Order)
Pack Out	Adds	Picking verification and pack detail
Miscellaneous Issue		Item Transaction Entry (Negative Adjustment)
Miscellaneous Receipt		Item Transaction Entry (Positive Adjustment)
Inventory Transfer		Item Transfer Entry
Physical Inventory		Item Transaction Entry (Variance) and adds Directed Stock Count functionality
Inquiries		Inquiry (Purchasing, Sales, Inventory)
Multi-bin		Multi-bin functions in Microsoft Dynamics GP and adds bin utilities (Create Bin, Consolidate Bin, Full Bin Transfer)
Transaction Logging	Adds	Detailed Transaction Audit trail
Item Alias	Adds	Cross-referencing of vendor or UPC barcodes to your Microsoft Dynamics GP item
Label Manage	Adds	Barcode label printing capability
MFG Receiving		Manufacturing Order Receipt Entry
MFG Picking		Manufacturing Component Transaction Entry (Issue)
MFG Labor & Machine Time		Automated Data Collection for Labor & Machine Time
MFG Reverse Issue		Manufacturing Component Transaction Entry (Reverse Issue)
In-Transit Picking		In-Transit Transfer Entry (pick and ship)
In-Transit Receiving		Receiving Transaction Entry (In-Transit Inventory)
RMA Receiving		RMA Receiving
Dynamic Order Allocation	Adds	Automated solution for re-allocating backordered quantities on sales orders
Order Allocation Postponement	Adds	Automated solution for postponing allocation of sales order line items until within set tolerance of requested ship date is met
Shelf Life	Adds	Configurable tolerance on top of expiration date logic; allows serial-tracked items to use same attribute/date capability as lot-tracked items
Vicinity Batch Receipt		Vicinity Manufacturing Batch Receipt
Horizons MFG Picking		Production Transfer
Horizons MFG Receiving		Product Entry and FG Distribution
Order Entry		Sales Transaction Entry (Order, Invoice, Fulfillment Order)
Assign Picker/Packer	Adds	Picker/packer visibility to sales documents
Edit Lot Attributes		Edit Lot Number Attributes (Inventory Utility)



Module Descriptions

RECEIVING

Automate real-time purchase order receipts using RF barcode scanning. Data validation ensures accurate, timely inventory information is received into your Microsoft Dynamics GP system.

RMA RECEIVING

Make your returns management process as rapid and painless as possible. Perform real-time RMA receiving and confirm the correct item and quantity is being returned via RF barcode scanning.

ORDER FULFILLMENT

Support paperless picking and reduce shipment costs by automating your order fulfillment process. RF scanned and validated data improves customer satisfaction by ensuring order accuracy. Update Microsoft Dynamics GP with timely information about quantities picked, serial/lot information, back ordered/cancelled quantities and more.

ORDER ALLOCATION POSTPONEMENT

The Order Allocation Postponement module is designed to prioritize and automate the initial allocation process for sales orders keying off of the requested ship date of the document. Ideally, the module automatically allocates sales order documents possessing a requested ship date that falls within a set tolerance while postponing the allocation process of orders possessing a future requested ship date.

INVENTORY TRANSFERS

Create site-to-site transfers on the fly, accurately updating inventory levels real-time. This module automates the Item Transfer Entry window in Microsoft Dynamics GP. It can also be used to transfer inventory between quantity types (on-hand, returned, in use, in service and returned).

MISCELLANEOUS RECEIPT

The Miscellaneous Receipt module allows users to create positive inventory quantity adjustments to update item inventory quantities. It is also used to receive made items into the system when a manufacturing module is not in place.

MISCELLANEOUS ISSUE

The opposite of Miscellaneous Receipt, this module allows users to create negative inventory quantity adjustments to update item inventory quantities. It is also used to consume component items from the system when a manufacturing module is not in place.

TRANSACTION LOGGING

Logs detailed records of RF operator activities including, but not limited to, the task performed, when, by whom, on what, and where. Information can be used for productivity reporting and audit trail history.

PHYSICAL INVENTORY

Automate your physical inventory or cycle count processes. Create directed and undirected (blind) counts from a PC-based interface. Then use RF handhelds to scan inventory, where those details are immediately available for supervisor review. Variances can be calculated by quantity or dollar variance with configurable threshold. Detailed count information is kept outside of Dynamics GP for audit purposes, but resulting variances are sent to GP.

SHELF LIFE

The Shelf Life module provides configurable tolerance on top of GP's expiration date logic. Configurable per item, Shelf Life ensures you and your customers have adequate shelf life of perishable product. Shelf Life also allows serial-tracked items to utilize the same attribute/date capability that lot-tracked items currently enjoy native to GP.

INQUIRIES

Perform inventory type inquiries into the Microsoft Dynamics GP system within the warehouse using the RF handheld. Inquiries include: Item Quantity, Serial, Lot, Purchase Order, Sales Order, Return, Bin, Item/Bin, Empty Bin, Put Away, Item PO, Manufacturing Order, and more.

LABEL MANAGER

Print barcode labels for your Microsoft Dynamics GP inventory. Label Manager allows you to design and print labels for virtually any inventory related information in your Microsoft Dynamics GP database. Highly customizable, it is supplied with a standard set of views to print labels for items ordered, received, in stock, transferred, adjusted, ordered, fulfilled, manufactured, etc. There is also functionality to print bin labels, employee badges, shipping address labels, and more.

ITEM ALIAS

Item alias functionality links an existing barcode to your Microsoft Dynamics GP item number. This feature does not automate a Microsoft Dynamics GP transaction. Rather, it enables the use of vendor or manufacturer barcodes without the need for re-labeling. Item alias information is populated from the RF handhelds, via a PC-based interface, or imported from other sources.

MANUFACTURING RECEIVING

Automate receiving of finished goods inventory produced for a Microsoft Dynamics GP Manufacturing Order (MO). This module, through scanning, populates the Manufacturing Order Receipt Entry window in Microsoft Dynamics GP and updates finished goods inventory levels.

MULTI-BIN

Multi-bin enables your organization to maintain inventory accuracy to the exact bin location. Enabling multiple bins in Microsoft Dynamics GP adds bin detail to almost every transaction that affects inventory. Accellos One Collect makes this bin level requirement achievable by capturing bin information at the time inventory is transacted. Also included with the multi-bin integration are the following additional transactions:

- Bin Transfer: Automates Item Bin Transfer Entry window.
- Put Away: A shortened version of a bin transfer that can be used to put items away from the default receiving bin as part of the receiving process.
- Create Bin Utility: A utility that can be used to create bins on the fly from within other transactions. Also exists as a stand-alone utility that can be used when organizing your warehouse.
- Full Bin Transfer: A utility to move an entire bin and its contents from one site to another.
- Bin Consolidate: A utility to move the entire contents of one bin to another bin.

LABOR/MACHINE TIME

Updates labor and/or machine time work in process (WIP) against manufacturing work orders, giving you instant access to vital information regarding your company's manufacturing processes.

MANUFACTURING PICKING

Support paperless picking of components, automating your manufacturing process. RF handhelds validate raw materials picked and process a Component Transaction Entry (issue) in Microsoft Dynamics GP. This reduces your on-hand inventory real-time, and provides and accurate indication of WIP.

PACK OUT AND VERIFY

Designed to follow the order fulfillment process, Pack Out provides a double-check of fulfilled quantities while optionally performing a packing process at the same time. Items fulfilled are packed into existing or auto-generated package ID's. Package information is stored and used for package reports and audit purposes.

IN-TRANSIT PICKING AND RECEIVING

Support paperless picking, shipping, and receiving of in-transit transfers of inventory from one site ID to another. RF scanned and validated data ensures order accuracy. Update the Microsoft Dynamics GP Service Inventory Transfers and Inventory Receipts transactions with timely information about items shipped and received.

VICINITY BATCH RECEIPT

Automate receiving of finished goods inventory produced for a Vicinity Batch Pick number.

This module, through scanning, populates the Vicinity Batch Entry window updating finished goods inventory levels in real-time

MANUFACTURING PICKING AND REVERSE ISSUE

Support paperless picking of components, automating your manufacturing process. RF Handhelds validate raw materials picked and process a Component Transaction Entry (issue) in Microsoft Dynamics GP. Unutilized raw materials can also be sent from WIP back to on-hand inventory, processing a Component Transaction Entry (reverse issue) in Microsoft Dynamics GP. These transaction update your on-hand inventory in real-time, and provide an accurate indication of WIP

ORDER ENTRY

Create quotes, orders or invoices on the fly in real-time. Using RF Handhelds users can scan items to an order much like a retail check-out line. In contrast, orders can also be created unfulfilled in Dynamics GP. This method functions like an ordering system, and is then fulfilled later as a separate process. In either case, Dynamics GP is updated real-time with allocation for accurate inventory.

DYNAMIC ORDER ALLOCATION

Automatically allocate inventory to sales orders when product becomes available. Prioritized allocation insures your top customers get their inventory first.

ASSIGN PICKER/PACKER

This utility writes a user name to a configured user-defined field on a sales order, providing visibility of who picked and packed an order.

EDIT LOT ATTRIBUTES

Update lot attributes, manufactured date and expiration date information from RF handhelds. This utility adds a quick and mobile way to use lot attributes to indicate relevant information to your users.

HORIZONS MANUFACTURING PICKING

Supports paperless picking of components, automating your manufacturing process. RF Handhelds validate raw materials picked and processes a Production Transfer in Horizons Manufacturing. This reduces your on-hand inventory real-time, and provides an accurate indication of WIP.

HORIZONS MANUFACTURING RECEIVING

Automate receiving of finished goods inventory produced for Horizons Manufacturing standard or MPP work orders. This module, through scanning, populates the various Horizons windows and updates finished goods inventory levels.

VICINITY BATCH RECEIPT

Automate receiving of finished goods inventory produced for a Vicinity Manufacturing Batch Number. This module, through scanning, populates the Vicinity Batch Entry window updating finished goods inventory levels in real-time.

COMBINED BARCODING

Combined bar-coding is the concept of storing multiple pieces of data in a single barcode. For example, a common combined barcode contains an item number, lot number, and expiration date in one barcode rather than three separate barcodes. Our bar-coding engine allows the user to scan this special barcode at the item prompt, and then skip the subsequent lot number and expiration date prompts. The values for those prompts are updated behind the scenes. Multiple combined barcode formats can be configured in the system that can contain item, serial/lot, expiration date, manufactured date, quantity, and unit of measure information. The system has pre-configured algorithms to parse standard formats such as HIBC and GS1.

ONE-SCAN LOTS/SERIALS

Similar to combined bar-coding, One-Scan Lots/Serials is the concept of scanning a unique serial/lot number at the item prompt and skipping the subsequent prompts automatically. It takes combined bar-coding a step further in that the bin prompt can even be skipped. The concept relies on unique serial/lot numbers in the system and functions for all transactions except inbound.

HANDHELD LABEL PRINTING

Collect for GP offers the ability to print product labels from both a PC-based interface (Label Manager) and directly from the handheld while performing a transaction. For example, while receiving a purchase order, labels can automatically be printed for each item received. Handheld label printing uses the same engine as Label Manager referencing a standard set of views. The number of labels to print, and the quantity printed on each label, can be prompted for each time, or configured with defaults.

Superior Warehouse Automation

Our Hardware

Accellos One Collect makes use of the very best and most durable barcode scanning technology available from Psion Teklogix®. We have the experience to understand all your hardware requirements, and place at your disposal the right technology, at the right price, to get the job done.

Our Services and Support

We offer warehouse and logistics consulting services to maximize your technology ROI. We can help you to improve your operations when compared to "Best Practices" standards. Let us assist you with paving the way to a successful and smooth transition to an automated, productive warehouse or distribution operation.

Each customer is unique. Each Accellos One Collect project is managed by a team of professionals including a Project Manager, IT Programmers, Implementation Specialists and Trainers. We follow a proven project methodology to ensure each customer's system is installed correctly, efficiently, and effectively.

Our support staff has earned an outstanding reputation within the industry. The annual maintenance contract provides unlimited telephone support, unlimited incidents, and forward compatibility for your Accellos One Collect system. Our experienced and knowledgeable support team uses state-of-the-art system connectivity tools to connect with your system remotely to diagnose and correct issues should there be any.

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