BarCoding

For **Sage** 300

Automation Made Simple
AutoSimply

Overview

Inventory transactions occur in every business area in manufacturing, trading, wholesale and distribution companies. In a typical Sage 300 implementation, stock in and out records that happen in the warehouse such as goods receipts and shipments are not automated and require data entry in the back office, which is inefficient and error-prone.

AutoSimply Barcode is the solution to bring warehouse transactions to the front-line when and where they happen. It is an easy to use barcode system that plugs into Sage 300 for small to medium-sized companies to handle all the inventory movement transactions accurately and efficiently.
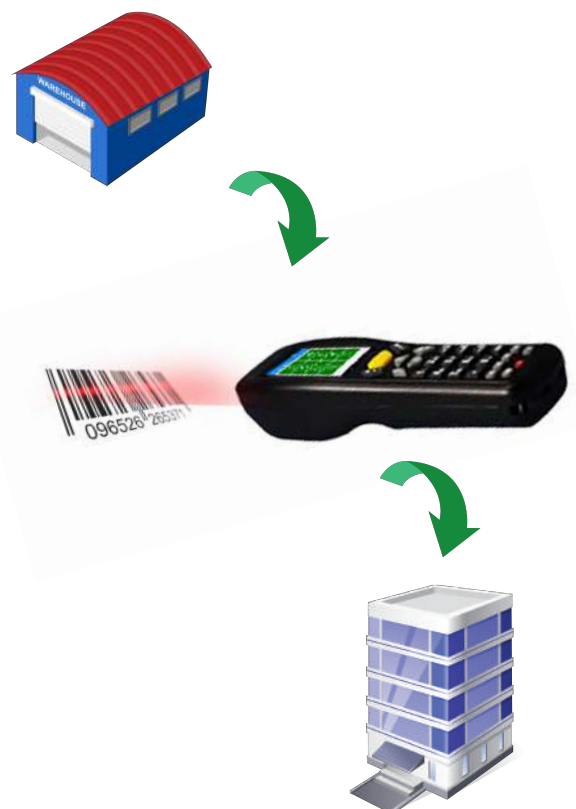
The Solution

AutoSimply Barcode uses web service technology and the Sage 300 SDK to provide real-time online posting of transactions from handheld computers or tablets in the warehouse.

In the warehouse

1. Warehouse staff can initiate inventory transactions such as goods receipts and shipments.
2. Using handheld barcode scanners, users scan barcodes on the products to record the transactions quickly and accurately. Both linear and 2D barcodes are supported.
3. After scanning all the items, users post the documents directly into Sage 300.

In the back office

Nothing else to do. No more data entry needed. Inventory transactions are already posted in Sage 300 and are always kept up-to-date.

Main benefits

ROI $

- The more items scanned and transactions processed in the warehouse, the more time and resources saved in back office data entry.

Accurate inventory

- Inventory movements and availability are always accurate thanks to real-time updates.
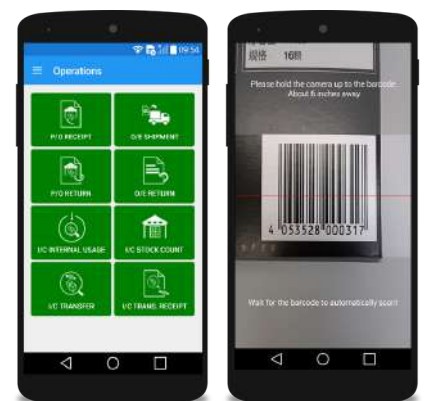
Better communication

- Statuses of goods receipts, shipments, etc. are reflected in the system. No need to rely on paper forms.
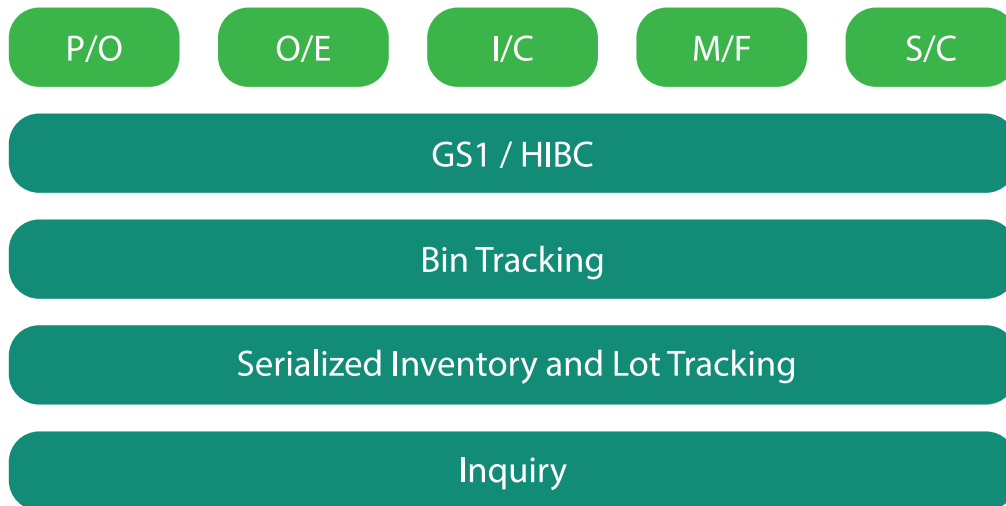
Customer satisfaction

- Accuracy and speed leads to better customer satisfaction with on-time deliveries in the sales cycle.

Quick implementation

- System is up and running by simply setting up the web service environment and deploying the front-end program to the platform of choice
  - • Industrial level handheld devices that are built to withstand hostile warehouse environments
  - • Android devices or tables as an alternative cost effective solution

Key features

P/O	O/E	I/C	M/F	S/C

GS1 / HIBC

Bin Tracking

Serialized Inventory and Lot Tracking

Inquiry

Sage 300 core modules

Purchase Order (P/O)

- Receipt based on a single purchase order, multiple purchase orders, or without a purchase order
- Return

Order Entry (O/E)

- Shipment based on a single sales order, or multiple sales orders
- Return based on shipments and invoices

Inventory Control (I/C)

- Internal usage
- Transfer and transit transfer
- Stock count based on I/C Inventory Worksheets
- Receipt and return
- Shipment and return
- Assembly and disassembly

Serialized Inventory and Lot Tracking

- All transactions (except stock count) support items with lot and/or serial numbers
- Auto generate lot/serial numbers upon goods receipt

Inquiry

- Item and stock level inquiry
- Lot and serial number inquiry
- Pending receipt and shipment inquiry

AutoSimply Manufacturing for Sage 300

AutoSimply Barcodes integrates with the manufacturing modules for Sage 300.

Manufacturing (M/F)

- Raw material issuance and return
  - • Issue material for production based on a manufacturing order.
- Finished goods receipt and return
  - • Receive finished products based on a manufacturing order.
- Backflush
  - • Create issuance and receipt in one step based on a manufacturing order.
- Kanban
  - • Create manufacturing order, issuance and receipt in one step.
  - • For goods produced that are not based on manufacturing orders, and transactions are recorded after production.

Shop Floor Control (S/C)

- Record time spent for setup, runtime, clean-up, re-work, downtime and stoppage during the production process.
- Record and post time used instantly instead of using paper log books

Bin Tracking by Orchid Systems

AutoSimply Barcode supports Bin Tracking by Orchid Systems. Bin Tracking sub-divides a warehouse location in multiple bins which can include shelves, slots, pallets or drawers, which improves location tracking of items within a warehouse.

- All transactions support items that are bin-tracked. Barcodes of bin number can be scanned during the process. Bin transfer document is automatically generated together with the source document.
- Support auto put away for goods receipt and auto pick for shipment. Program displays preferred bins for user to put or pick from.
- Stock count based on bin worksheets which supports counting of items with lot/serial numbers in bins.

Industry barcode standards

AutoSimply Barcode supports industry barcode standards that allow for multiple information to be encoded in a single barcode. Efficiency of scanning items improves even further. With one scan, the program can capture all these information if they are in the barcode:

Product number	Lot number	Serial number	Expiry date	Quantity

GS1

Designed for global trading and distribution, it is common for businesses to receive and ship goods with GS1 barcodes, or produce products with GS1 labelling.

- Linear barcode: GS1-128
- 2D barcodes: GS1-Data Matrix, GS1-QR Code

(01)12345678901234(10)00040-APRIL(17)191031

HIBC

The Health Supplier Labelling Standard is designed for the medical supplies industry. The standard supports both linear and 2D barcodes.

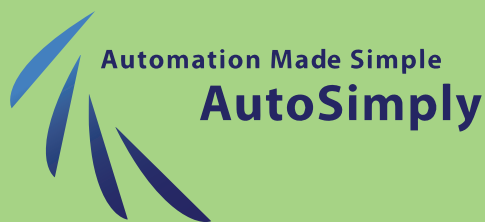*+A123BJC5D6E71/1930400040-APRIL%*

Requirements

Server

- Sage 300 2012 or above
- One Sage 300 Lanpak for connection, regardless of the number of Barcode users
- Windows Server 2012 or above with Internet Information Server (IIS) as the web server

Handheld devices

- Android 4.4 (Kitkat) or above
- Windows CE 6.0 or Windows Mobile 6.0 or above, at least 2.8" touch screen with VGA, QVGA, WVGA WQVGA resolutions
- Windows 10 Home or above (for Windows tablets)
- Wi-fi connection to the Barcode web server

Automation Made Simple
AutoSimply

We automate your business processes in practical and simple ways.

AutoSimply is founded by a group of former Sage 300 consultants, we know and understand fully what our customers really need. All our products are designed exclusively for Sage 300 and developed using 100% Sage 300 SDK.

AutoSimply Company Limited
Tel: +852 2366 8392   Fax: +852 3154 9177   Email: info@autosimply.com   Website: www.autosimply.com/

sage
software
Development Partner