

SG SYSTEMS - *mobile*

Mobile Inventory Management System – Shipping & Receiving



SG Systems are delighted to announce their latest product development for inventory management 'RFS 7 - *mobility edition*'



Once again, SG Systems are leading the way with their food traceability solutions, this time with the introduction of their latest development – mobile lot traceability and inventory management.

Read on....

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S.G.SYSTEMS 
Recipe & Process Control • Paperless Traceability



Keeping track of inventory using spreadsheets, pen and paper or desktop PC based systems has historically been a nightmare. This is especially true within food production facilities where large inventory is kept, potentially with differing suppliers and lot numbers. The latest development from SG Systems enables simple inventory tracking to be made possible by utilizing the most up to date mobile computers, scanners and printers to make business more organized.

Brand New - but already proven Software?!

The exciting new development offers all the functionality of the existing SG systems shipping and receiving software (previously only available on fixed position hardware) but the wireless software makes inventory adjustments that much simpler. Tried and tested in hundreds of existing customers applications around the world, the SG Systems software can be relied upon to make your inventory management very simple.

The handhelds take advantage of the very latest in robust Wi-Fi technology which is now accepted as being the norm in large warehouses. When a receiving operator makes a transaction (receive, move, manage, withdraw) the handheld communicates to a wireless label printer which is capable of generating thermal labels up to 4" wide to identify the ingredient.

Software Functionality – Shipping & Receiving

The Software is split into 2 parts – Shipping and Receiving. The Receiving part allows operators to call up a list of ingredients from a central database. Once selected, the operator can select its supplier, lot number, location to be stored, weight and quantity. If 2 or more supplier lot numbers have to be captured then this can be facilitated too.

When used in conjunction with the Vantage Traceability System (scales and bulk handling systems on the production floor), perpetual inventory is possible utilizing the scales to drive down lot specific inventory in real time.





The Shipping software enables manufactured batches to be linked to finished products and then shipped. It enables full traceability to enable you to see what was shipped where on any given date & time range. If used in conjunction with the Vantage Factory Traceability Software, the traceability can reach all the way through manufacturing back to the raw inventory – complete confidence in traceability

Touch Environments Require Touch Hardware

Carefully selected, all hardware specified has the ability to withstand knocks which occur in daily life as part of managing a warehouse. The display screens are toughened and protected, operable by either a finger or a stylus and models are available with full keypads if heavy data entry usage is required.

The printers are available in a variety of models which can either be worn by the operator or mounted inside a cabin of a fork lift truck. Battery powered models give limitless flexibility and the labels can be printed by utilizing the wireless network.

Wireless technology improves overall warehouse productivity and by installing a software 'bridge' to an ERP / MRP System enables almost limitless opportunities for improved inventory visibility, traceability and the enforcement of FEFO (First Expired, First Out) or the more conventionally used FIFO (First In, First Out).

SG Systems' General Manager, Stuart Hunt, comments ***“SG is a company who pride themselves on thinking outside of the box to deliver solutions to eliminate paperwork and provide customers with a return on investment. The development of the handheld software gives our expanding customer base exactly what they need”***



Inventory Level Report

Stock Code: F1
Description: Plain Flour

<u>Lot Number</u>	<u>Date Received</u>	<u>Expires</u>	<u>Bag Weight</u>	<u>Quantity</u>	<u>Cost</u>
12345	2/13/2010	3/2/2012		1000.000 lb	400.00
456	3/9/2010	3/18/2011		10000.000 lb	4000.00
876	2/3/2010	2/10/2012		2000.000 lb	800.00
B65746	3/25/2010	3/30/2012	50.00	2000.000 lb	800.00
H456	3/4/2010	3/17/2010		1000.000 lb	400.00
K234	3/4/2010	3/25/2011	50.00	1000.000 lb	400.00
LO123	3/2/2010	3/19/2011	50.00	2000.000 lb	800.00
LOT300	3/15/2010	3/24/2011		40000.000 lb	16000.00
TCP1	3/18/2010	3/31/2010	50.00	2000.000 lb	800.00
				61000.000 lb	24400.00

Stock Code: HS1
Description: High Strength Gluten

<u>Lot Number</u>	<u>Date Received</u>	<u>Expires</u>	<u>Bag Weight</u>	<u>Quantity</u>	<u>Cost</u>
123	2/1/2010			9977.938 lb	9977.94
971	2/3/2010	2/16/2012		19871.332 lb	19871.33
B657	3/16/2010	3/31/2010	50.00	1987.100 lb	1987.10
				31836.370 lb	31836.37

Inventory Reports Package Now Includes

1. Inventory Level (as above)
2. Inventory Received
3. Inventory Moved
4. Inventory Level
5. Inventory Withdrawn
6. Sales Order Picked
7. Sales Order Shipped
8. Sales Order (Ingredient Traceability)
9. Sales Order (Product Traceability)
10. Re-order Level Reports

.....plus many more

