



Trace your produce Lot Numbers forwards and backwards with ease using **'Vantage Produce Traceability'** from SG Systems LLC.

*.....read on!!*



**Case Level Traceability** which pays for itself.....

At SG Systems we believe that the Produce Traceability Initiative (PTI) is an opportunity to improve operator productivity, increase profit margins and gain a competitive advantage with your customers.

## ***Bringing Profitability into Traceability***



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## Who is SG Systems LLC?

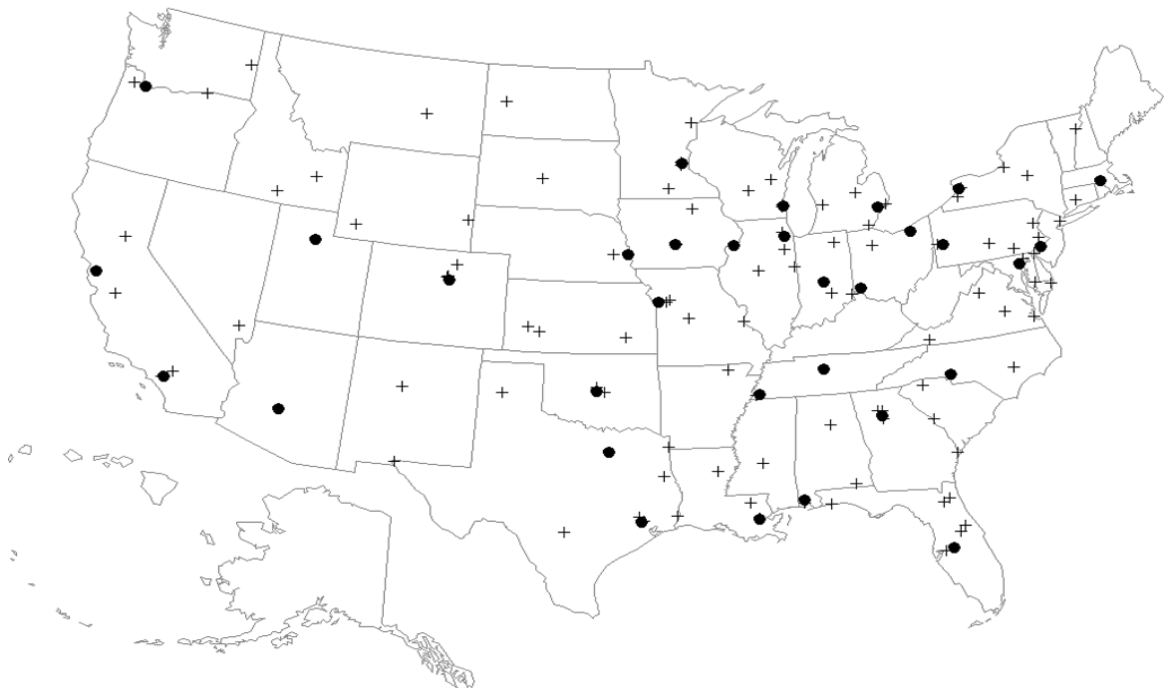
SG Systems LLC, Dallas has over 50 year of experience servicing the needs of the food industry in the US.

Located in Dallas, our innovative traceability solutions are relied upon in over 1000 food companies worldwide.

Companies, large and small view SG Systems as pioneers in innovative traceability and data capture solutions.

We specialize in looking for opportunity to increase yield and monitor operator productivity, delivering maximum ROI for our customers.

Above all, our solutions are supported by over 300 Field Technicians nationwide.



## Why FreshPoint chose SG Systems for Traceability?

Brian Sturgeon (FreshPoint President & CEO) comments

*“To ensure the highest level of food safety for our customers, we needed a traceability system which collected its data from real events on the production floor. SG Systems have provided us with a product which we have taken from an initial discussion to a working solution within a rapid timeframe. Above all, the system is simple to use, easy to modify and generally popular with my team. We piloted the Vantage on one production line in Dallas and will be implementing the system at our other production areas throughout the country.”*

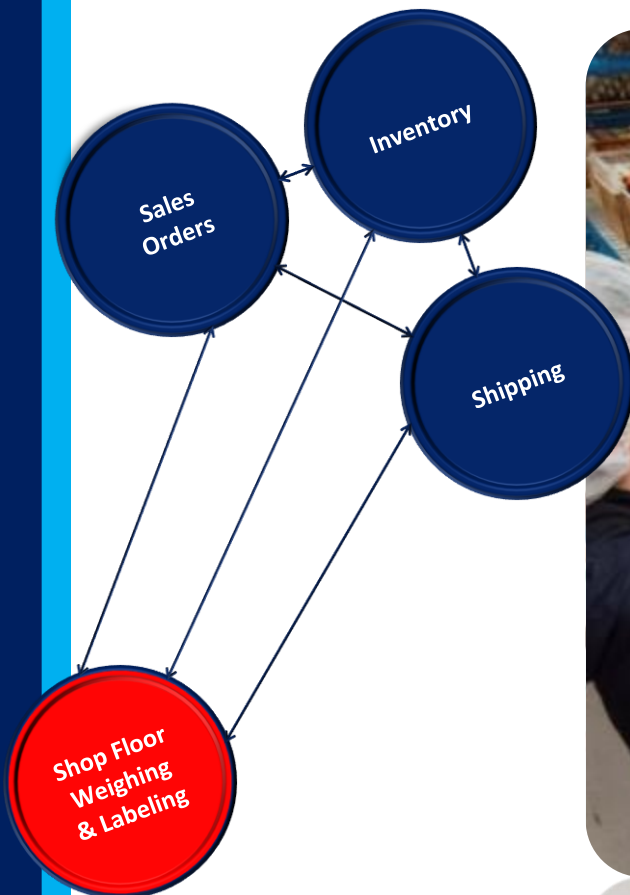


## 'Vantage' Traceability – Bridging the GAP?

Vantage Traceability is a unique combination of software and hardware designed to download sales orders from your existing accounts package and bridge the 'gap' between management teams and the shop floor.

Connecting the shop floor operations provides management teams with 'up to the second' information and traceability relating to actual events on the production floor.

Each box that is weighed and labeled using 'Vantage' captures Lot Number, Product, Country of Origin, Supplier, GTIN & PTI information for full electronic recall potential.



## ‘Vantage’ Traceability – Bridging the GAP?

From the ‘Vantage’ production floor terminals (below), Supervisors have the ability to scan a lot code and pull up all product types which contain the ingredient.

Operators are required to select from ‘create inventory’ or ‘pack for sales order’.

If the box is the correct weight (user set tolerances), a label will be generated. As the label is generated, raw inventory is downgraded and the finished box count is increased.

By following this process, traceability can be captured and weighing tolerances can be policed.



Simple to use Product Weighing & Labeling Screen.

Allows Inventory to be created, sales orders to be labeled, dump to be recorded & Mixed Color to be stored in a different location.

The ‘Green Zone’ is the target weight to generate a label.

Durable ‘Vantage’ Industrial Touch Screen is tested to 10,000,000 touches (which lasts a long time!).

The unit can be washed down and the coating is FDA compliant for use in the Food industry.

Operator Training is minimal.



## 'Vantage' Traceability – Case Level Labeling

Supervisors have real time production floor visibility of the sales orders and they can generate customer labels (or inventory labels).

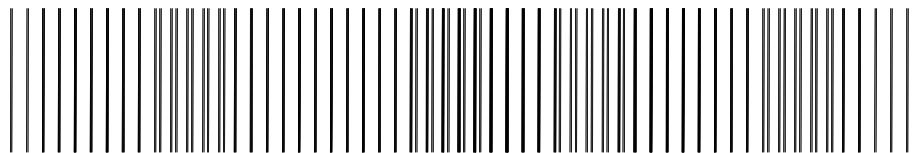
Each Label which is generated can contain information relating to Country of Origin, Lot Number, Customer Name, Sales Order Number, Site code, Customer ID, GSI-128 Barcode – all in line with PTI (Produce Traceability Initiative) .

As labels are generated (through forced weighing operations if required), inventory is adjusted (from raw ingredient to finished product).

This way – you have complete inventory control as a by-product of achieving traceability.

Below is a sample of a label which can be generated using industrial barcode printers.

|                            |   |                          |
|----------------------------|---|--------------------------|
| <b>Customer</b>            | : | <b>Sysco Houston</b>     |
| <b>Product Code</b>        | : | <b>22222</b>             |
| <b>Product Description</b> | : | <b>2 Lyr 24 tomatoes</b> |
| <b>Lot Number</b>          | : | <b>11111</b>             |
| <b>Country of Origin</b>   | : | <b>MX</b>                |
| <b>Site Code</b>           | : | <b>33333</b>             |



**00000111112222244444**

GTIN : 1 0323255 888883



## 'Vantage' Traceability – improving productivity?

Supervisors have full visibility as to how many boxes have been packed by operators. As each box is packed (can be weighed to control target weights too) , Operators productivity is time stamped to enable reports to be generated detailing count by person and by hour.

Report Created: 30/09/2009 10:55:22

### Operator Production Average

Date: 03/09/2009

| Operator Code | 12mid-5am | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8pm-12mid | TOTAL | Avg_per hour worked |
|---------------|-----------|-----|-----|-----|------|-------|-------|------|-----|-----|-----|-----|-----|-----|-----|-----------|-------|---------------------|
| 0             | 0         | 0   | 0   | 0   | 0    | 0     | 0     | 0    | 3   | 0   | 1   | 0   | 0   | 0   | 0   | 0         | 4     | 2                   |

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Date: 23/09/2009

| Operator Code | 12mid-5am | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8pm-12mid | TOTAL | Avg_per hour worked |
|---------------|-----------|-----|-----|-----|------|-------|-------|------|-----|-----|-----|-----|-----|-----|-----|-----------|-------|---------------------|
| PWJ           | 0         | 0   | 0   | 0   | 0    | 0     | 0     | 0    | 0   | 0   | 1   | 1   | 1   | 3   | 0   | 0         | 6     | 1.5                 |

\*\* End of Report \*\*



## ‘Vantage’ Traceability – Return on Investment

Vantage Traceability can link to scales directly to optimize weighing and helping to reduce product giveaway caused by operators overweighing.

The ROI (Return on Investment) is high, because it forces Operators to weigh accurately in order to have their tray throughput monitored.

Ingredient savings can be between 2 & 10% depending on your product and process.



## 'Vantage' Traceability – Shipping Traceability

Each box which is labeled and shipped to a customer is traceable to its original Lot Number.

This allows you to generate immediate recalls in the event that your ingredients have an issue and have to be recalled from your customers.

Report Created: 09/10/2009 15:20:29 Page: 1

### Ingredient Dispatch Report

Lot Number: 00116733001US  
 Description: (11002) - Tom LRG 6x6 25lb

Received: 27/07/2009  
 Expires: 27/07/2010

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**SALES-1003** Sysco B Dallas Delivery Address: 800 Trinity Dr. Lewisville, Tx 75058  
 Delivery Date: 29/07/2009

Contact Name:  
 Contact Telephone:

| Product Code | Product Description    | Boxes |
|--------------|------------------------|-------|
| 100888       | Sysco 2lyr 5x8 Tom     | 40    |
| 121888       | Tom 2lyr 5x8 PinkFresh | 180   |

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**SALES-1006** Sysco B Kansas Delivery Address: 1915 Kansas City Road Olathar, Ka 66061  
 Delivery Date: 30/07/2009

Contact Name:  
 Contact Telephone: (831) 771-1016

| Product Code | Product Description  | Boxes |
|--------------|----------------------|-------|
| 1403         | Tom Bulk All Purpose | 2     |

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**SALES-1012** FreshPoint B Dallas Delivery Address:  
 Delivery Date: 01/10/2009

Contact Name:  
 Contact Telephone:

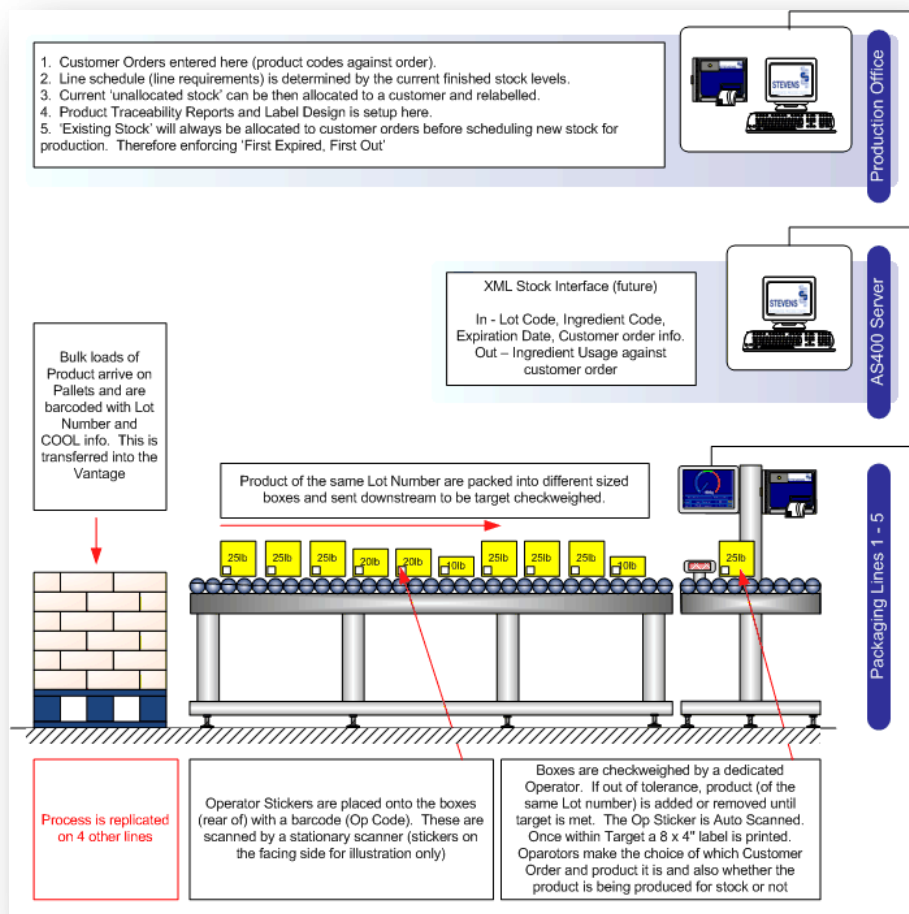
| Product Code | Product Description | Boxes |
|--------------|---------------------|-------|
|--------------|---------------------|-------|



## Understanding your process

At SG systems we understand that although there are lots of similarities in the Produce Industry, there are also lots of subtle differences which make your process unique.

Using off the shelf 'building blocks' SG Systems conduct an evaluation of your process and present you with a solution which is both practical and easy to use.



## Critical Information Update

SG Systems post advice on a regular basis giving tips on improving your process and conforming to the legislation. Keep up with us on Twitter for up to date information.

<http://twitter.com/SGSTraceability>



The screenshot shows a Twitter profile for SG Systems (SGSTraceability). The profile bio reads: "Name SG Systems, Location Dallas, TX, Web http://www.sgyst..., Bio Food Traceability - Formula Control Systems - Bakery Traceability - Produce Traceability - Meat Traceability". The profile has 2,001 following and 1,039 followers. The tweets listed are:

- Check out this SlideShare Presentation on LinkedIn : Dallas Business Journal <http://tinyurl.com/ye8o5hb> (11:02 PM Oct 7th from web)
- Traceability Video on YouTube - Excellent - <http://bit.ly/1K59XF> (10:57 PM Oct 7th from web)
- Food Safety Magazine Traceability Release - <http://bit.ly/DtBom> (3:56 PM Oct 6th from web)
- Barack Obama Legislation in the Food Industry? Comply now - <http://bit.ly/1tEFF> (10:27 PM Oct 3rd from web)
- Produce Traceability System 'Vantage' now available for produce growers and packers for '1 second' traceability - [s.hunt@sgsystemsusa.com](mailto:s.hunt@sgsystemsusa.com) (10:06 AM Oct 3rd from web)

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