

GS1 Trading Partner Update

Agenda:

- The Risk
- Our Progress
- The Benefit
- Trading Partner Views
- The Future & Blockchain

**Lucy
Angarita**

Director, Supply
Chain Traceability



With 218 Sick with 5 Dead, what is the FDA not telling us – a lot!

By [Bill Marler](#) on June 30, 2018

POSTED IN [FOODBORNE ILLNESS OUTBREAKS](#)

Business

Chipotle's Sneeze Under

By [Leslie Patton](#) and [Craig Giammona](#)

July 18, 2017 10:57 AM Updated on July 18, 2017 4:34 PM

- ▶ Latest suspected norovirus outbreak sends shares tumbling
- ▶ Food-safety crisis persists for Chipotle after two years



HOW are the products made?

WHERE do products come from?

HOW many calories?

WHEN was produce picked?





Bell Peppers

Taylor Farms
Yuma, AZ
Picked: Yesterday

Tomatoes

DiMare Farms
Homestead, FL
Picked: 2 days ago

Lettuce

Taylor Farms
Salinas, CA
Picked: 3 days ago

01

Suppliers: publish
GDSN info
Place Barcodes



02

Distributors: ingest
GDSN data and
SCAN barcodes at
delivery



Subway Food
Scientists & IPC:
monitor product
data



03

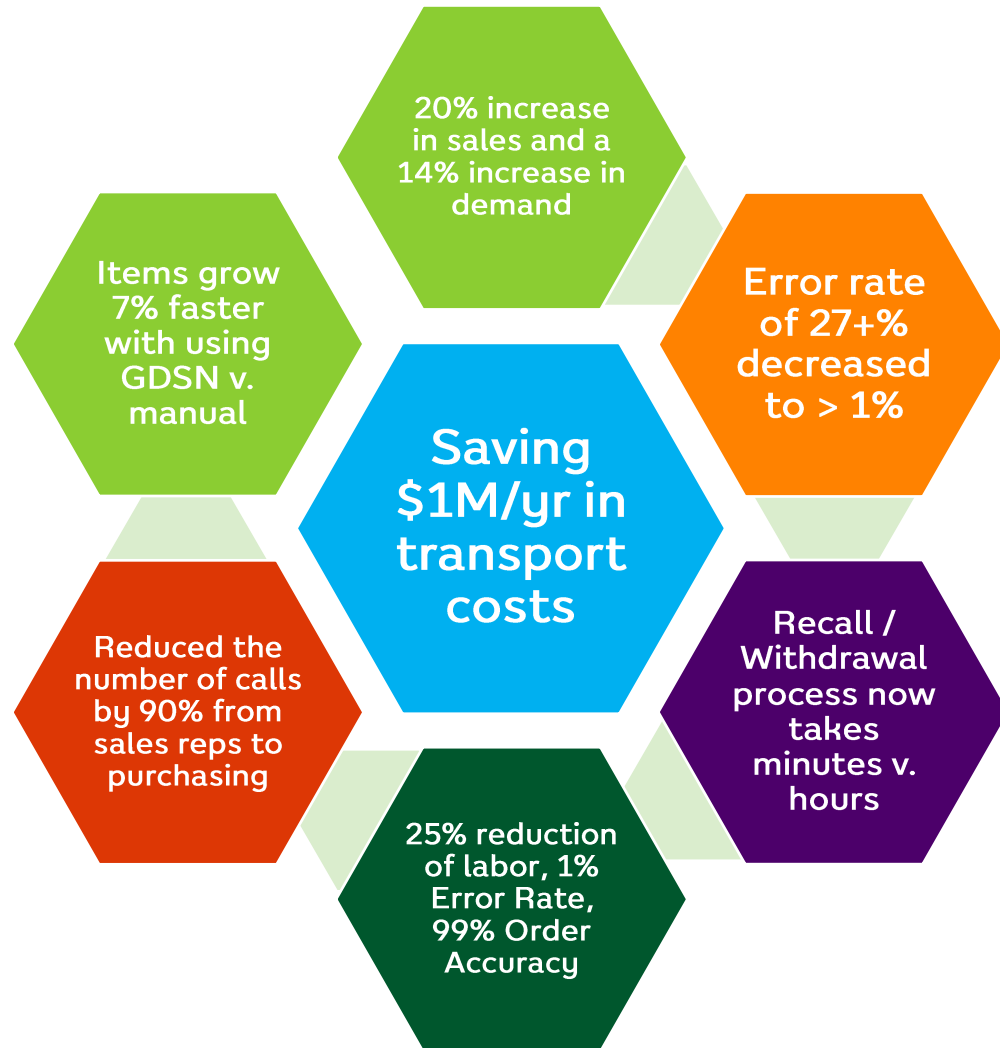


SubVentory: Make
data available to
restaurants

04



What are we driving? What is next?



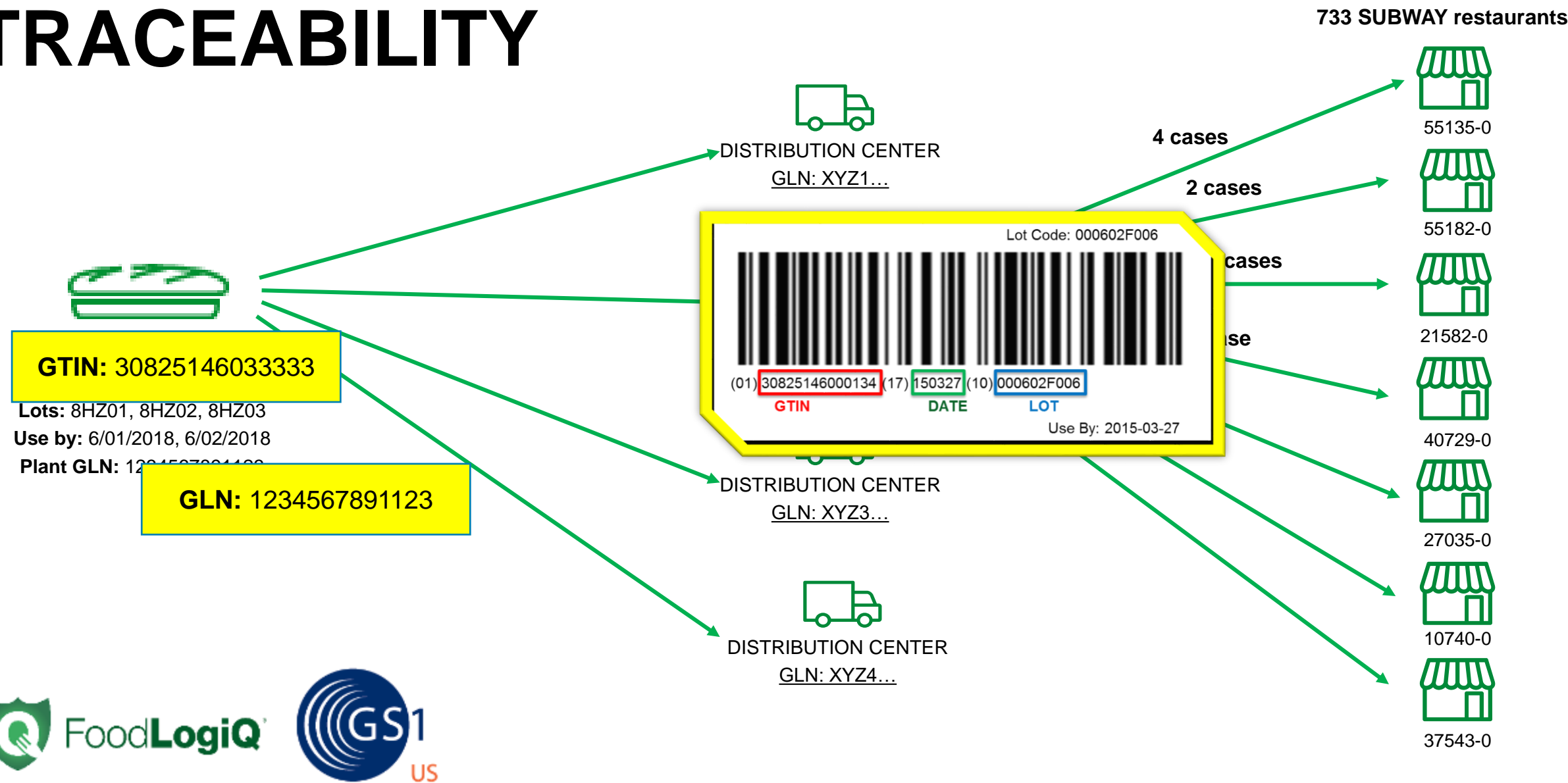
"While quality data can reduce costs, we have found it significantly increases sales. We're seeing more and more activity on the Expressway, and quality data is a key reason for this growth—in usage and in sales."

– CULLEN ANDREWS, Director of National Accounts, Dot Foods





WHOLE SUPPLY CHAIN TRACEABILITY



Supply Chain ROI.

Customer Safety & Brand Protection, Operational Efficiencies

9 Cases shipped from DC to Restaurants

733 Potentially impacted restaurants

\$61,000 Potential cost to visit all restaurants
and retrieve product

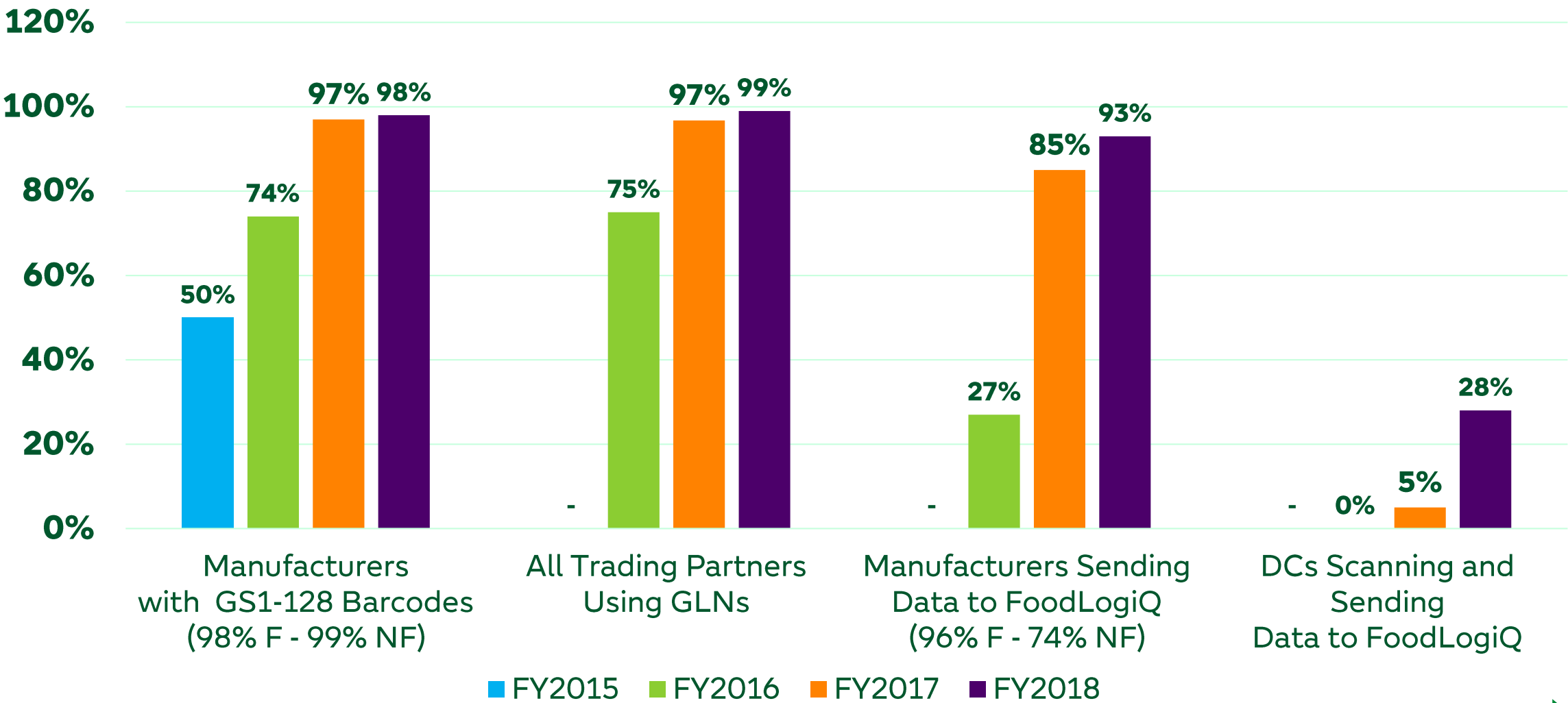
183
wasted labor hours at restaurants

\$2,196
Wasted restaurant labor cost

**We've made great
progress.**



The Scorecard.





Our Trading Partners: Challenges & Benefits



**James
Thibodeaux**

National Account
Manager,
Reinhart
Foodservice



The Challenges.

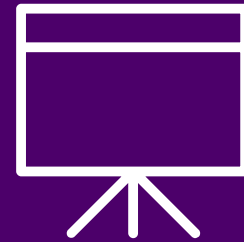
**Barcode
Scanability**



**Multiple Product
Suppliers**



**Training
Teams**

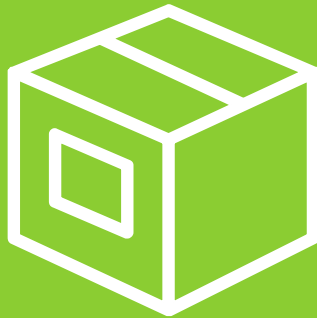


The Benefits.

**Movement
Visibility**



**New Product
Introduction**



**Track & Trace
Processes**





The Future

- Operational efficiencies in receiving
- Reduced errors in mispicks and shorts
- No expired product delivered to restaurants

Hector Morales

VP, Strategic
Partner
Development,
ARYTZA | La Brea
Bakery | Otis
Spunkmeyer

The Challenges.

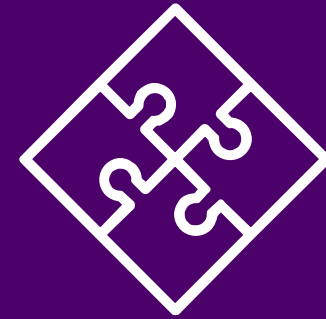
**Barcode
Quality**



**Divergent
Customer
Demands**



**Internal Team
Alignment**



KEEP FROZEN / GARDER CONGELÉ /
MANTENER CONGELADO

PEANUT BUTTER FROZEN COOKIE DOUGH

MASA CONGELADA PARA GALLETAS DE MANTEQUILLA DE MANI



24335

PEANUT BUTTER FROZEN
COOKIE DOUGH
MASA CONGELADA PARA
GALLETAS DE MANTEQUILLA DE MANI



CAKES/TE/POST
14-13-55
S005572K



Uno by /
Usar antes del
20181024

Lot code: /
Código de lote
8CA02781

CAKES/TE/POST
S005572K



Bar Code Quality: Overcoming the challenge

24339		24339	
ITALIAN WHITE BREAD DOUGH STICK		ITALIAN WHITE BREAD DOUGH STICK	
BÂTONNET DE PÂTE DU PAIN ITALIEN BLANC		BÂTONNET DE PÂTE DU PAIN ITALIEN BLANC	
BARRA DE MASA PARA PAN ITALIANO BLANCO		BARRA DE MASA PARA PAN ITALIANO BLANCO	
<p>INGREDIENTS: ENRICHED FLOUR (WHEAT FLOUR, NIACIN, IRON, THIAMINE MONONITRATE, RIBOFLAVIN, FOLIC ACID), WATER, YEAST, SUGAR, CONTAINS 2% OR LESS OF THE FOLLOWING: SOYBEAN OIL, SALT, WHEAT GLUTEN, CULTURED WHEAT FLOUR, MALTED BARLEY FLOUR, ENZYMES, ASCORBIC ACID.</p> <p>CONTAINS: WHEAT.</p> <p>INGRÉDIENTS : FARINE ENRICHIÉE (FARINE DE BLÉ, NIACINE, FER, MONONITRATE DE THIAMINE, RIBOFLAVINE, ACIDE FOLIQUE), EAU, LEVURE, SUCRE, CONTIENT 2 % OU MOINS DES INGRÉDIENTS SUIVANTS : HUILE DE SOJA, SEL, GLUTEN DE BLÉ, FARINE DE BLÉ DE CULTURE, FARINE D'ORGE MALTÉE, ENZYMES, ACIDE ASCORBIQUE.</p> <p>CONTIENT : BLÉ.</p> <p>INGREDIENTES: HARINA ENRIQUECIDA (HARINA DE TRIGO, NIACINA, HIERRO, MONONITRATO DE TIAMINA, RIBOFLAVINA, ÁCIDO FÓLICO), AGUA, LEVADURA, AZÚCAR, CONTIENE 2% O MENOS DE LO SIGUIENTE: ACEITE DE SOJA, SAL, GLUTEN DE TRIGO, HARINA DE TRIGO CON CULTIVOS, HARINA DE CEBADA MALTEADA, ENZIMAS, ÁCIDO ASCÓRBICO.</p> <p>CONTIENE: TRIGO.</p>		<p>Use by: / Utiliser avant le : / Usar antes del: 20180715</p> <p>Lot code: / Code de lot : / Código de lote: 8CA106A1</p>	
CA24339/REV060717		CA24339/REV060717	
16:31:09		16:31:09	
S006327K		S006327K	
			
(01)30825146051164(17)180715(10)8CA106A1		(01)30825146051164(17)180715(10)8CA106A1	



The Benefits for ARYZTA.

**Food
Safety**



**Less Expensive
Recovery Efforts**



**Rapid Product
Location**





The Benefits for ARYZTA Supplier Partners.

- A common automated system that enables client communications, with the click of a mouse
- Suppliers enter data once for all participating GDSN customers.
- Less labor intensive & cost effective in the long run = future savings

The Future.

- Enhanced communication and quality of information exchange with customers & suppliers
- Full compliance with Subway GS1 Initiatives
- Full adoption of GS1 Standards & GDSN
 - Obtain accurate and complete product information from suppliers
 - Receive product updates in real time
 - Eliminate manual data collection and re-entry

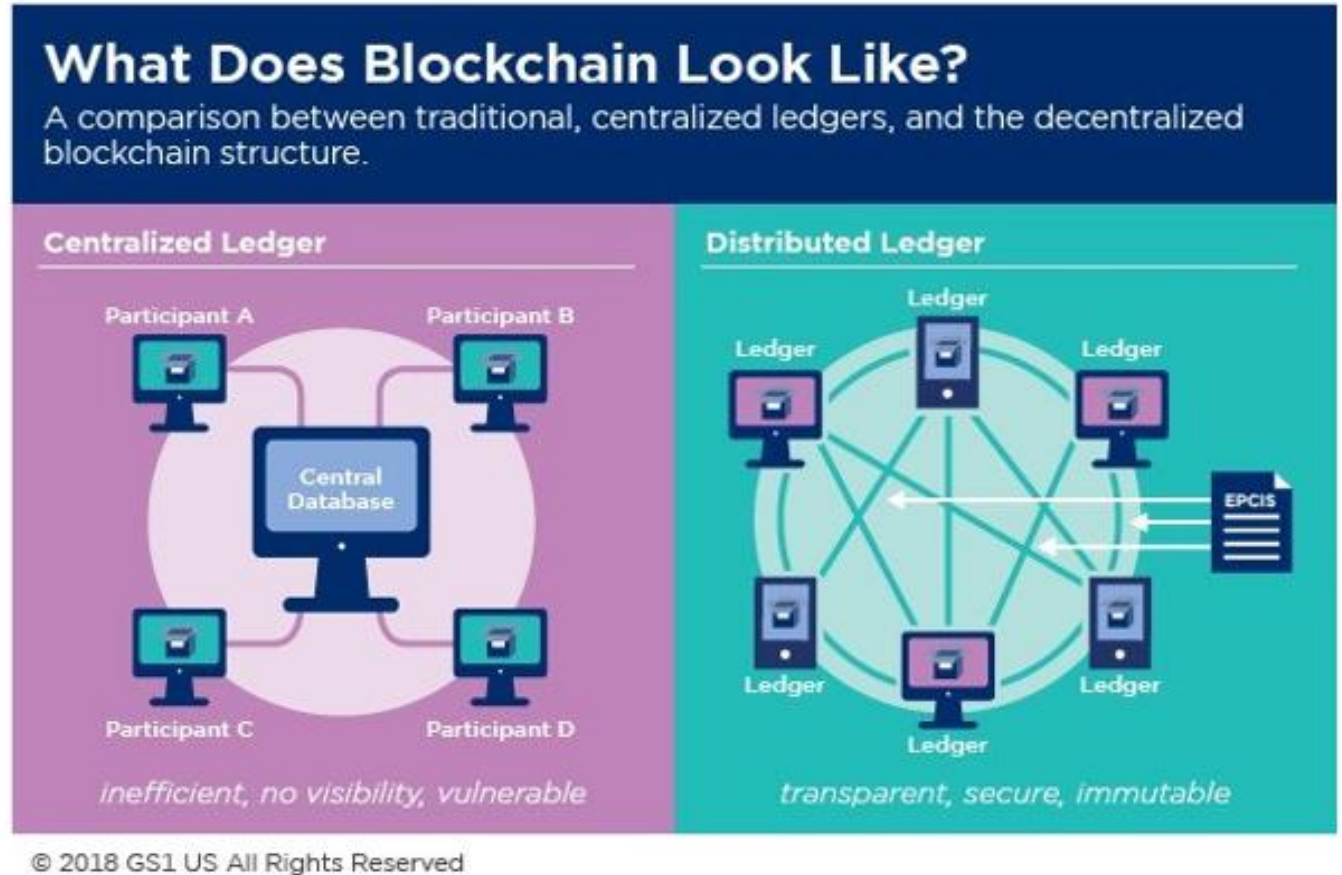


EXPANDING THE OPPORTUNITY

GS1-128 barcode scanning with SubVentory enables enhanced traceability.

Blockchain

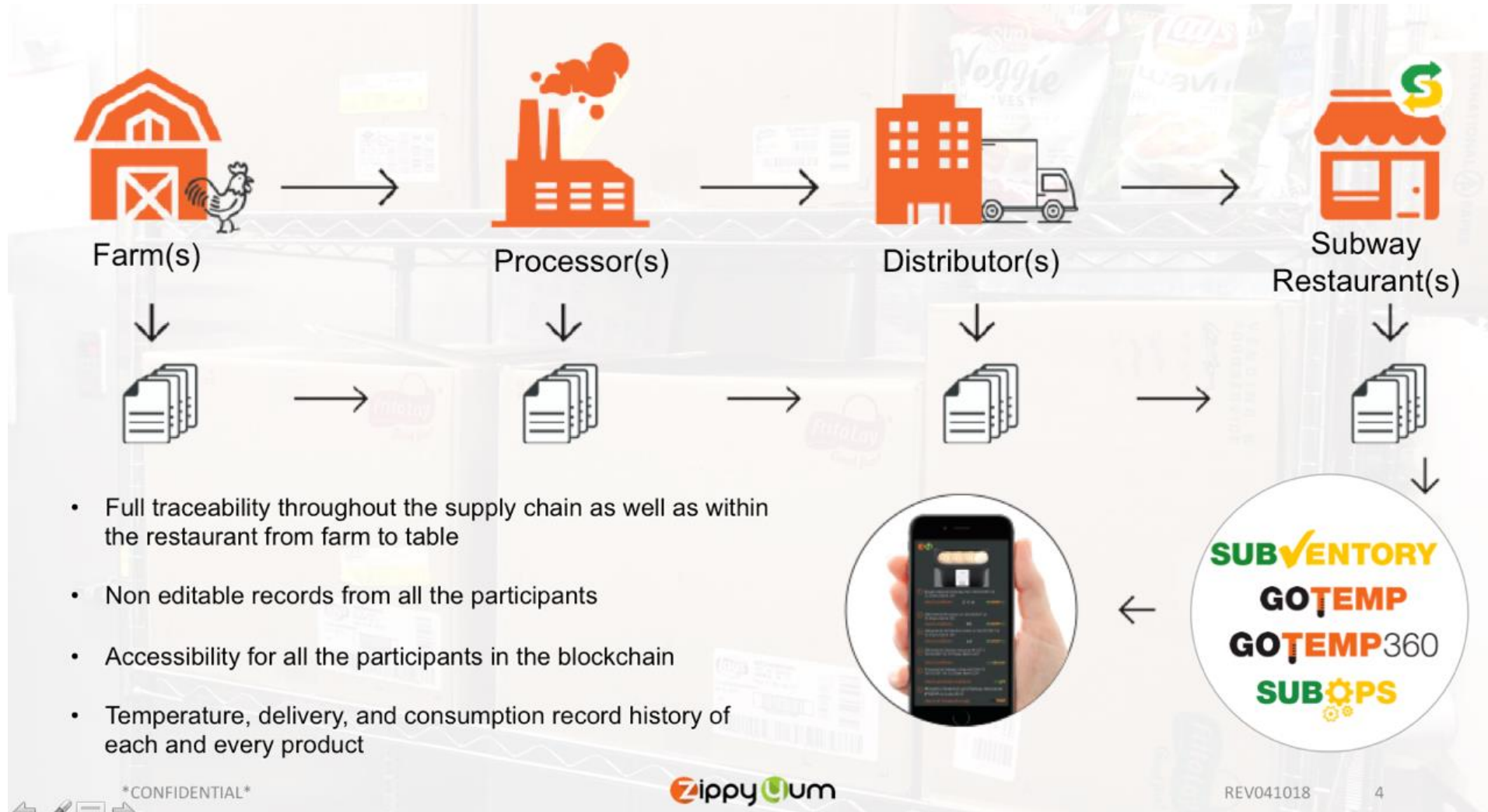
- Shared database
 - Distributed
 - Immutable



<https://www.qzzr.com/c/quiz/463025/batter-up-to-blockchain>

Source: <https://foodsafetytech.com/column/blockchain-separating-fact-from-fiction/>

We are exploring blockchain...



Things to Focus On.

- 01 | **Place/Monitor/Scan GS1-128 barcodes**
 - Must be GRADE B or Higher, on two sides
 - FIX/REPORT Barcode Issues
 - Do NOT cover with pick label
- 02 | **Send your shipment records (ASN) to FoodLogiQ**
- 03 | **Synchronize all product master data via GDSN and FOCUS on data quality**
- 04 | **Assign Serial Shipping Container Codes (SSCC) to pallets and send ASNs to trading partners**



OUR MISSION & PURPOSE

Bring Simplicity & Efficiency

to global trading networks,
through organization,
standardization, integration and
syndication of trusted product
information and content.



INDUSTRY DATA NETWORKS



ECOMMERCE &
3RD PARTY APPS



ITEM SETUP
PROCESS



FDA



HOSPITALS
& PROVIDERS



SUPPLY CHAIN
ENABLEMENT



STORE EXECUTION



FOOD SERVICE
DISTRIBUTION



REGULATORY



OUR MISSION & PURPOSE

Distribute & Deliver

the product information and digital content that powers global commerce.



OUR MISSION & PURPOSE

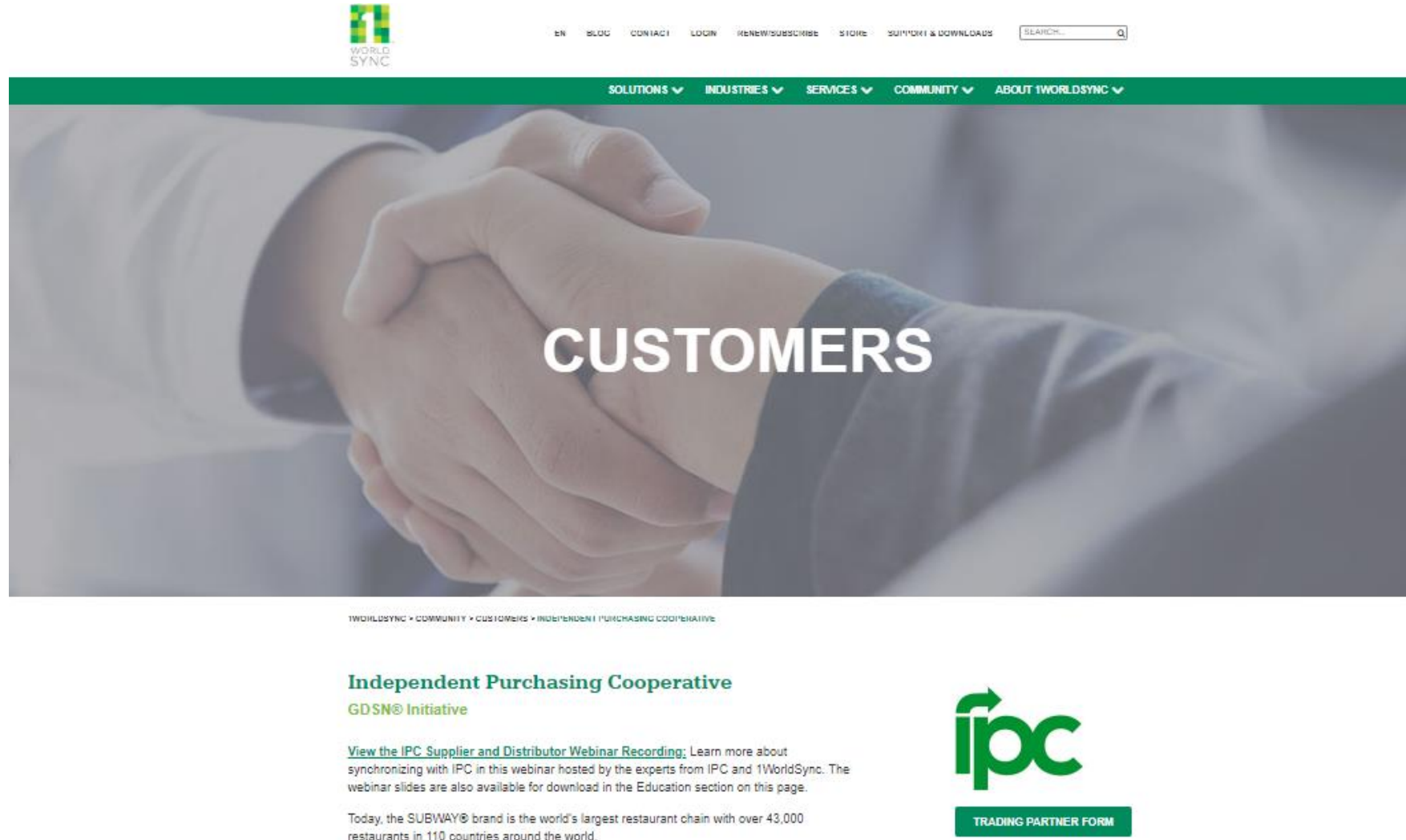
Empower People

with trusted product content for
informed purchase decisions &
everyday well-being.



IPC GDSN Initiative – How to Synchronize Your Data w/ IPC

<https://www.1worldsync.com/community/customers/independent-purchasing-cooperative/>



The screenshot shows the 1WorldSync website interface. At the top, there is a navigation bar with links for EN, BLOG, CONTACT, LOGIN, RENEW/SUBSCRIBE, STORE, and SUPPORT & DOWNLOADS, along with a search bar. Below this is a green header with dropdown menus for SOLUTIONS, INDUSTRIES, SERVICES, COMMUNITY, and ABOUT 1WORLD SYNC. The main content area features a large image of two hands shaking, with the word 'CUSTOMERS' overlaid in large white text. Below the image, a breadcrumb trail reads: 1WORLD SYNC > COMMUNITY > CUSTOMERS > INDEPENDENT PURCHASING COOPERATIVE. The section title is 'Independent Purchasing Cooperative' with 'GDSN® Initiative' in green. A paragraph invites users to 'View the IPC Supplier and Distributor Webinar Recording' and mentions that webinar slides are available for download. A note states that Subway is the world's largest restaurant chain with over 43,000 restaurants in 110 countries. To the right, the IPC logo is displayed above a green button labeled 'TRADING PARTNER FORM'.

1WORLD SYNC > COMMUNITY > CUSTOMERS > INDEPENDENT PURCHASING COOPERATIVE

Independent Purchasing Cooperative

GDSN® Initiative

[View the IPC Supplier and Distributor Webinar Recording](#): Learn more about synchronizing with IPC in this webinar hosted by the experts from IPC and 1WorldSync. The webinar slides are also available for download in the Education section on this page.

Today, the SUBWAY® brand is the world's largest restaurant chain with over 43,000 restaurants in 110 countries around the world.

ipc
TRADING PARTNER FORM

Questions? Contact...

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