GS1 Role in Food Traceability

GS1 believes in the power of standards to transform the way we work and live

Michele Francis Padayachee

20 Feb 2019

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Enable traceability systems to talk

GS1 standards

GS1 provides the common language for business.

GS1 provides the common language for traceability solutions.

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GS1 provides the common language for traceability solutions.

GS1 enables the traceability ecosystem.

For an effective use of technologies across traceability applications.

Your speaker

Carolyn LEE Lian Yin
Traceability & Master Data
Management Manager, GS1
Global Office

- 14 years in quality, traceability and supply chain management across US, Asia and Europe

- ISO 9001 lead auditor and third party auditor for BRC/IFS

- International experience in ISO 22000 implementation within the food industry

- 5 years GS1 liaison in ISO/TC 34 SC17

Traceability Data

Depends on product type

Master Data

Transactional Data

Parties & Location Information (GLN, Address, Contact...)	Trade Item Information (GTIN, name, classification, dimension, weight...)	Shipment Information (Despatch Advice Number, date of Despatch/Receipt, Ship from/to, transporter identification...)	Logistic Unit Information (SSCC, content description...)	Batch / Lot or serialised trade item Information (Batch / Lot or serial number, quantity, best before date...)

Public Information

Depends on contractual relationship

Product details as planned, for example:
- Product specifications,
- Process of production,
- Components,
- Origin of raw materials,
- ...

Actual product details, for example:
- Quality records,
- Results of analysis,
- Batch / Lot number of raw materials,
- Identification of interchangeable components that have been used

Private Information

✓ **Master Data:** permanent/lasting nature, relatively constant across time, not subject to frequent change, accessed/used by multiple business processes and system applications, neutral/relationship dependent

✓ **Transactional Data:** created during the physical flow of goods, can only be collected when events occur.

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GS1 is governed by you for you.

- **User driven and neutral**

- **Not for profit**

- **Collaboration locally and globally through working groups and boards**

- **To create and maintain the common language of business**

GS1 Management Board

Johnson & Johnson
Procter & Gamble
Carrefour
IGA, Inc.
Future Retail Limited
Deutsche Post DHL Group
Abudawood
Amazon
Beijing Hualian Group
Nestlé S.A.
Grupo Éxito
B. Braun Melsungen AG
Mondelēz International, Inc.
AEON Co., Ltd.
Walmart International
LF Logistics
Dr. Oetker
Google
The J.M. Smucker Company
METRO AG
CROSSMARK
Cainiao, Alibaba Group

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Testimonials

Cenk Gürol
CIO / CSCO
Aeon Asia SDN. BHD.
Previously Chairman of Board, Global Food Safety
Initiative

Source : GS1 Annual report 13-14

"Traceability of food and ingredients is of paramount importance for every consumer. The connection between the dots in terms of information is always going to be the key to succeeding, and the use of global standards such as GS1 is essential to making that possible."

Gillian Kelleher
VP of Food Safety &
Quality Assurance
Wegmans Food Markets

Source : GS1 Annual report 14-15

"Traceability across the chain is a must to ensure food safety. At Wegmans, we believe that compliance with GS1 standards needs to be an integral part of the traceability solution for our industry."

DJ Kelleher
Managing Director
Riverview Eggs Ltd
Ireland

"Here at Riverview Eggs, we take traceability very seriously. It is at the core of what we do. It is essential that we are able to track our products, throughout the entire supply chain within minutes, from the hen house, through the grading and packing process, and on to our individual customers. To achieve this effectively and efficiently we use the GS1 Global Traceability Standard."

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Testimonials

Lin Wan
Vice President
Cainiao Network Alibaba Group
Holding Ltd

Source : GS1 Annual report 14-15

"With GS1 standards, we can provide accurate product information to better inform consumer purchase decisions. Then, after a sale, GS1 standards help us deliver the right product to the right customer, on time."

Ram Rampalli
Global Head of Content Acquisition
Walmart

Source : GS1 Annual report 15-16

"GS1 is critical in facilitating the transfer of high-quality data from suppliers to retailers."

Anita Scholte op Reimer
Senior Director, Quality Assurance & Product Sustainability, Albert Heijn
GFSI Board Vice-Chair

Source : GS1 Annual report 15-16

"Consumers are demanding more transparency. They want to know where ingredients come from. We have to organise ourselves as an industry and work hand in hand, including with GS1, to tackle this challenge."

Testimonials

Peter Fischer
Divisional Board Member
Lidl International

"Transparency in the food chain has become a global necessity. The GS1 standards help us establish a company-wide, digital supply chain network and be a pioneer in the industry."

Mark Dingley
CEO
Matthews Australasia

"It is imperative today to ensure supply chain integrity, whether it's food, pharmaceuticals or car parts. Matthews has worked with Australian manufacturers across industries to implement traceability solutions with serialisation and our iDSnet software using GS1 Standards. Using this common business language creates a traceability system that every party in the supply chain can easily use to advantage..."

Mark Zwingmann
Traceability Consultant
Edeka

"Information about batch traceability along the whole supply chain needs one standardized global language. EPCIS as the applicable GS1 standard and fTRACE as a full standard based implementation are the right tools in the toolbox to realize such requirements. With this accurate information we can fulfill legislative and consumer requirements."

Recognitions and collaborations