



The Global Language of Business

GS1 US Overview for AFDO

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*If applicable



GS1 Standards Overview

Who We Are

- Neutral and not-for-profit
- User-driven and governed
- Global and local
- Inclusive and collaborative



**We bring
communities
together.**

More than 10 billion

GS1 barcodes are scanned every day.

45 million

products are assigned U.P.C.s in the GS1 US Data Hub Product tool.

2 million

companies around the world use GS1 Standards.

More than 40 million

products are registered by brand owners in the GS1 Global Data Synchronization Network™ (GDSN®).

GS1 Standards in the Supply Chain



IDENTIFY: GS1 Identification Numbers

GLN Global Location Number GTIN® Global Trade Item Number® SSCC Serial Shipping Container Code EPC®/SGTIN Serialized Global Trade Item Number GSIN Global Shipment Identification Number



CAPTURE: GS1 Data Carriers

Barcodes

EAN/UPC



GS1 DataBar®



GS1 DataMatrix



ITF-14



GS1-128



EPC-Enabled RFID Tags

HF RFID



UHF RFID



GS1 Digital Link

QR Code



Data Matrix



SHARE: GS1 Data Exchange

Master Data Global Data Synchronization Network™ (GDSN®) and GS1 US Data Hub | Location

Transactional Data Electronic Data Interchange (EDI)

Physical Event Data EPC Information Services (EPCIS)

Interoperability

Item Data

Location Data

Purchase Order

Shipping Notice

Invoice

Product Recall/Withdrawal

Pedigree

Track and Trace

Industry Partnerships

Food Industry FSMA 204 Collaboration Members

Food Industry FSMA 204 Collaboration



FSMA 204 Industry / GS1 US Work Efforts

Workgroups

FSMA 204 Workgroup (Foodservice/Retail Grocery)
2021-present

FSMA 204 Retailer
Sub-group
2024-present

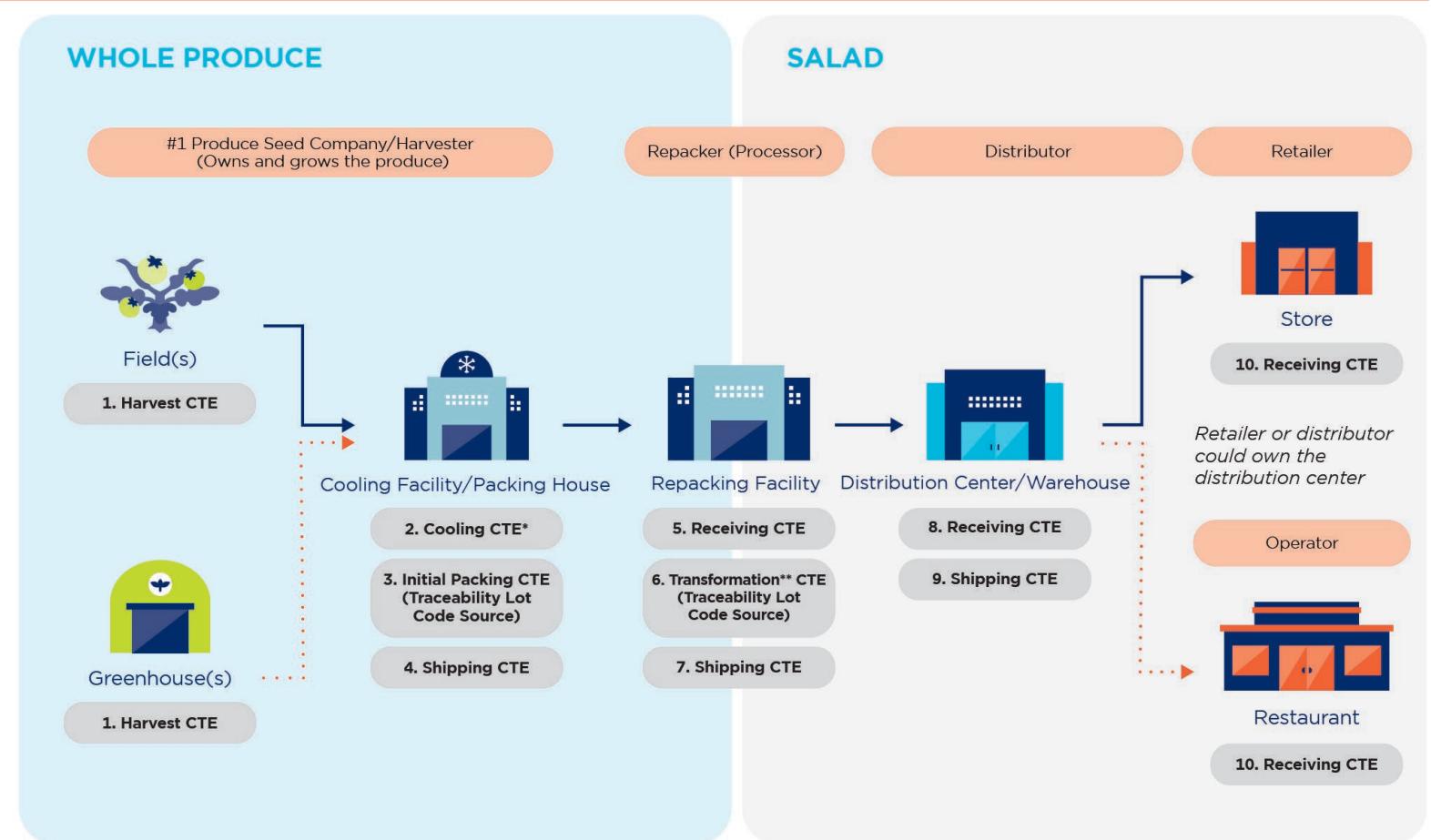
FSMA 204 Distributor
Sub-group
2025-present

FSMA 204 Retailer
Sub-group
2025-present

Food Industry & GS1 US Collaboration

Started in November 2021

1. Prioritized supply chain process examples
2. Identified: Parties, Locations & Steps for products
3. Defined FSMA Required CTEs/KDEs
4. Mapped FSMA 204 KDEs to existing GS1 Standard
5. Published Industry Guideline outlining best practice for FSMA 204



GS1 US FSMA 204 Guideline

- Outlines Food Industry best practice to adopt GS1 Standards and meet FSMA 204 Requirements
- Includes FDAs comments and direct links as well as other foundational resources





What are we hearing from industry?



Next Steps...Persevere!

1. Understand the details of FSMA 204:
 - Take advantage of fda.gov and **GS1 US Resources**
2. Get leadership support and secure team/budget
3. Collaborate with your trading partners
4. Evaluate current capabilities, systems and processes
5. Identify internal and external gaps with the **GS1 US Readiness Checklist**
6. You're not alone!
 - Visit us at www.gs1us.org/fsma
 - Email us at: foodsafety@gS1us.org



GS1 US FSMA 204 Resources & Education



FREE

GS1 Standards for FSMA Rule 204 Microlearning ▶

Informational module on GS1 Standards that can help you prepare to meet the requirements.

FREE

Readiness Checklist for FSMA Rule 204 ▶

Understand who in your organization to involve, what steps are needed, and what resources are available.

FREE

Frequently Asked Questions on FSMA Rule 204 ▶

These FAQs provide an overview of the final Food Safety Modernization Act (FSMA), Section 204(d), and information on how GS1 Standards can help your company meet the requirements.

FREE

GS1 Standards for FSMA Rule 204 Guidance ▶

- Application of GS1 Standards for FSMA Rule 204 Guideline
- EDI Recommendations for FSMA Rule 204
- EPCIS Recommendations for FSMA Rule 204

FOR FEE

FSMA Rule 204 E-Learning Course ▶

For those **familiar with GS1 Standards**, this self-paced on-demand module walks you through an example of how a company uses GS1 Standards to help meet FSMA Rule 204 requirements.

FOR FEE

GS1 Standards for Traceability Certificate Course ▶

For those **new to GS1 Standards**, learn best practices for case-level traceability and how to implement them. Receive professional credential upon completion. *Bonus content included: FSMA Rule 204 & EPCIS e-Learning Module.*

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