

Combine Food Traceability and Inventory Management Efforts

About enVista

Leading **supply chain** and **enterprise technology solutions** provider for hundreds of retailers, distributors and manufacturers









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Agenda

01 Food Traceability & Inventory Management Overview

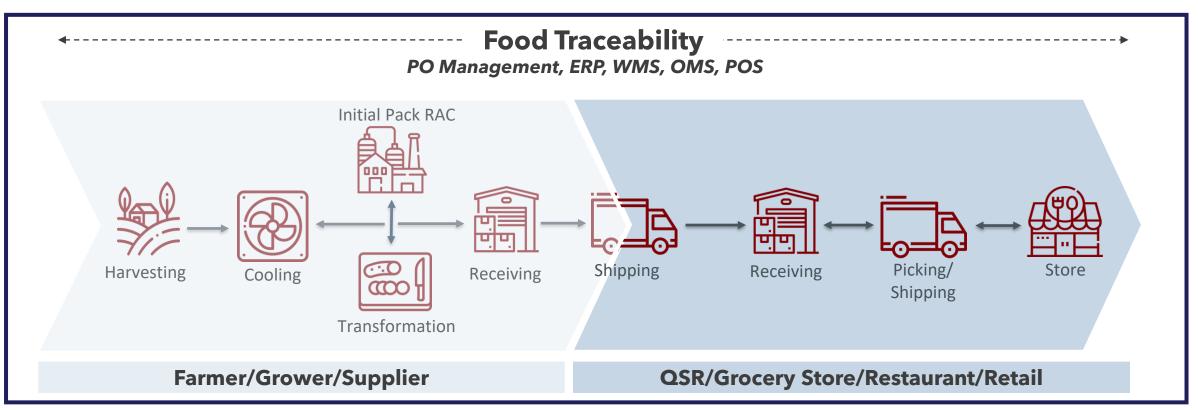


13 Leverage FSMA204 to work with Inventory/Demand Planning



FSMA204 and Critical Tracking Events (CTE)

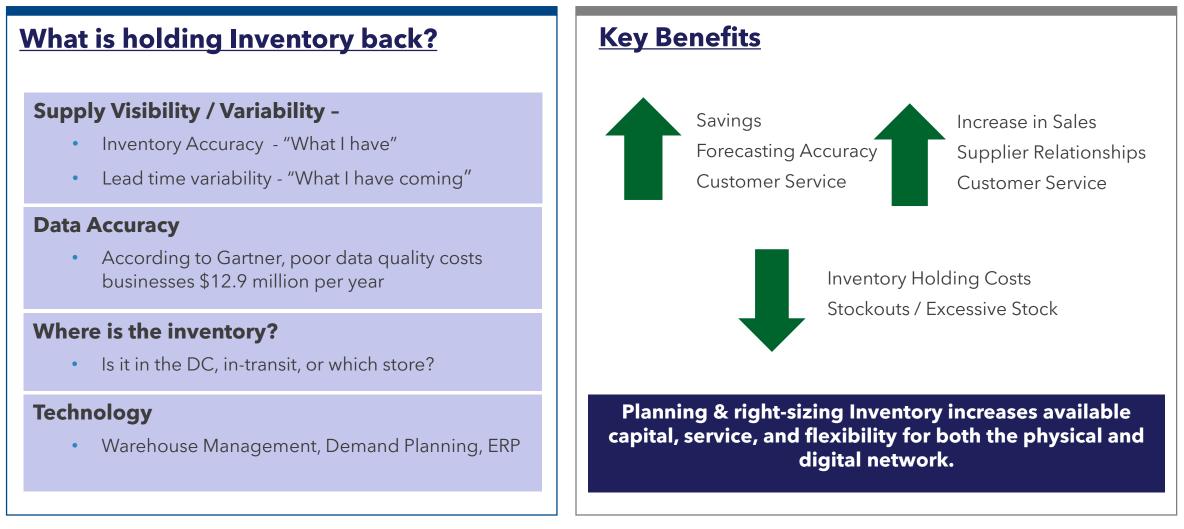
Critical Tracking Events, show below, are required to be recorded and maintained for 2 years. There are **numerous** Key Data Elements required to be associated with the CTEs



Critical Tracking Events are also important to Inventory Visibility and Demand Planning and the data can be utilized to enrich their processes.

Inventory Management and Planning

The right inventory and demand planning processes enables end-to-end strategies that improve service, lower costs, and **enable** flexibility within the network.



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02 Technology that enables Traceability and Inventory Visibility

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Technologies utilized to capture Key Data Elements

Depending on the granularity and number of elements you want to capture end to end, this will help determine what method you utilize. Partner dependency plays a key role here since their ability to execute our plan is vital. Also, you often use more than one to help throughout your network.



Bar codes are familiar, but have significant drawbacks

Most warehouses are scanning some sort of barcode now and are high on companies traceability goals, but should they be?

PROs and CONs

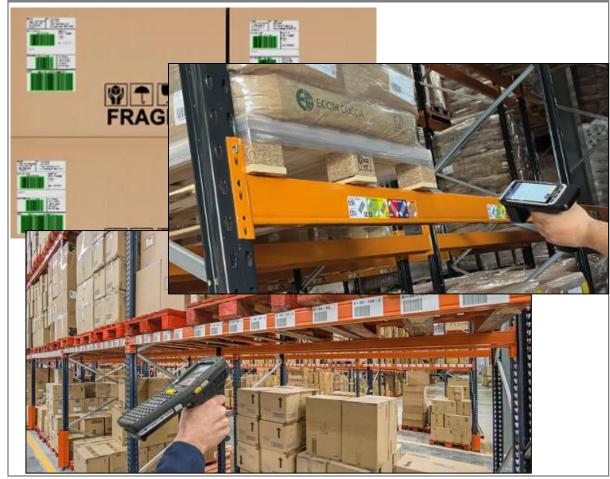
Scanning barcodes

- Deployed in some manner across most warehouses
- Very limited capacity
- 2D Currently more retail focused
- 1D has limited capacity

Warehouse Process

- Quickly sends information to your WMS/ERP
- Lot variability requires case scanning and enhanced BOLs
- Too easy to create work-arounds and accidental errors

ASN EDI Spec: Data Elements



ASN/SSCC labels for Traceability and Inventory Visibility

Whether you are developing or updating your ASN, the LOE is low to include both requirements

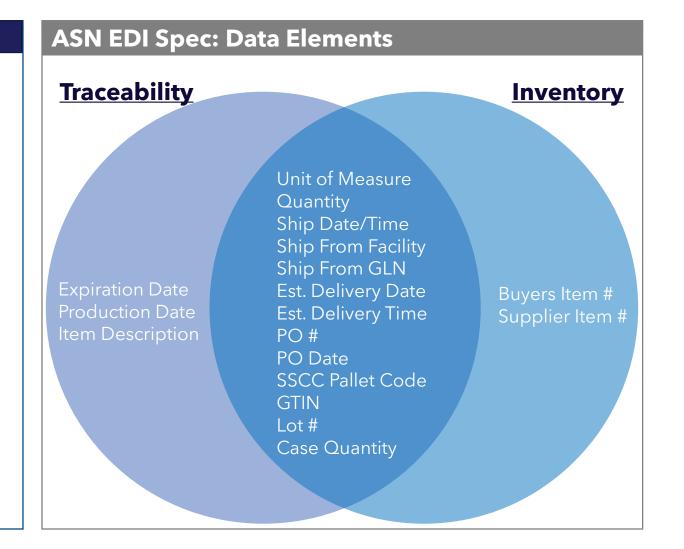
What do you we need from an ASN?

Technology

- Established across all industries
- Requires a WMS/ERP
- Too easy to create work-arounds and accidental errors
- Data required for Trace/INV is almost identical

Visibility

- We know when and what product is in transit AND when it will deliver
- Increases Demand Planning capabilities
- Product can be made available to sell/transfer



RFID/IOT can provide complete visibility from Farm to Store

What RFID/IoT can unlock

Technology

- Established across all industries
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Visibility

- Where in the warehouse, if it has moved or transferred to another warehouse, and which store
- Enables store level inventory

Key Characteristics of each technology

	RFID	ΙοΤ
Hardware	- Tag that stores - Readers and/or Antennas	 Sensor that detects Charging stations/ Gateways
Data Transfer Method	- RFID	- Bluetooth, 4G/5G
Battery Life / Charging	Active - Battery Powered Passive - no charging	Active - Battery, 20-60 days Receptive - via radio waves
Frequency of Measurement	 When 'scanned' Antennas enable real timing tracking 	- Variable depending on solution
Data	- Often scanned into your WMS	- Currently sent to the cloud

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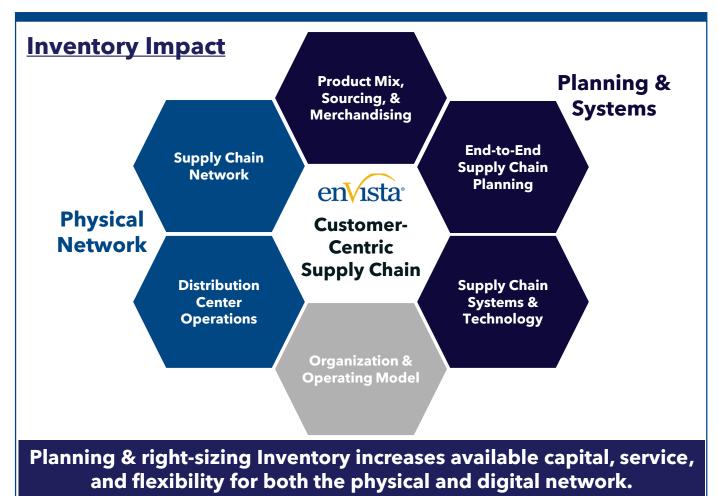
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04 How enVista can help

Aligning Inventory and Food Traceability

Going down the traceability path does not have to be a Food Safety project. It can help drive transformation throughout your supply chain.



How to start the Process:

- Reach across the isle and discuss the synergies with Inventory Management/ Demand Planning
- Work together in developing your End State Goal
 - Which data elements, food item scope, cold chain, restaurant/DC inventory, OTIF, forecasting, suggested ordering
- Share resources, requirements, and budget

<u>Scope</u>

- Process will affect the Warehouse, partners, suppliers, and procurement
- Incorporate these teams early to help the change process

13

How we can assist with your Traceability Journey



Strategy and Trusted Advisor

- Develop and review Strategy
- Create and prioritize roadmap
- Analyse pilot results

Program Management

- Program or Project Manager
- Agile/Waterfall/Jira manager
- Voice for internal PM

Timeline and Status reports

Industry/Technology updates

- Documentation
- Supplier Onboarding and Management
 - Supplier Communication
 - Supplier VisitsTraining and Education
 - Create onboarding material Training Create partner accountability • Manage
 - Manage escalation

Data Science

- Database workflow config
- Dashboard development
- Data Validation

- Master Data Review
- Master Data Cleansing
- Master Data Design



Thank You