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Benefits of Digital Transformation in Fresh Foods Supply Chains for Retail and Food Service Companies

Digital Transformation

- Eliminate Manual and Disparate Data Sources

- Improve Supply Chain Efficiency

- Enhance Product Quality

- Reduce Costs

- Gain Analytics and Operational Insights

- Full Traceability and End-to-end Visibility

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Inteligistics provides flexible and powerful automation tools that enable growers, producers, retailers and food service providers to digitally transform their fresh foods supply chains from end-to-end.

Eliminate Manual and Disparate Data Sources

- Reduce Input Errors by Reducing Manual Data Entry
- Utilize Industry Standards to Connect Different Data Points
- Provide Uniform Data Platform for Faster and Better Insights
- Offer End-to-End Cold Chain Solutions
- Created API's and Apps to Adopt Existing Customer Information

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Improve Supply Chain Efficiency

- Automate Manual Processes (AI/ML)
- Reduce Labor Needs
- Supply and Demand Equalization
- Multi-party Data Orchestration
- Engage Disruptive Processes

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Enhance Product Quality

- Optimize Inventory and Shelf Life (FEFO vs FIFO)
- Meet Regulatory Requirements (FSMA 204)
- Increase Sales
- Increase Consumer Satisfaction and Loyalty

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Reduce Costs

- Trim Energy and Labor Costs

- Curtail Waste

- Increase Throughput

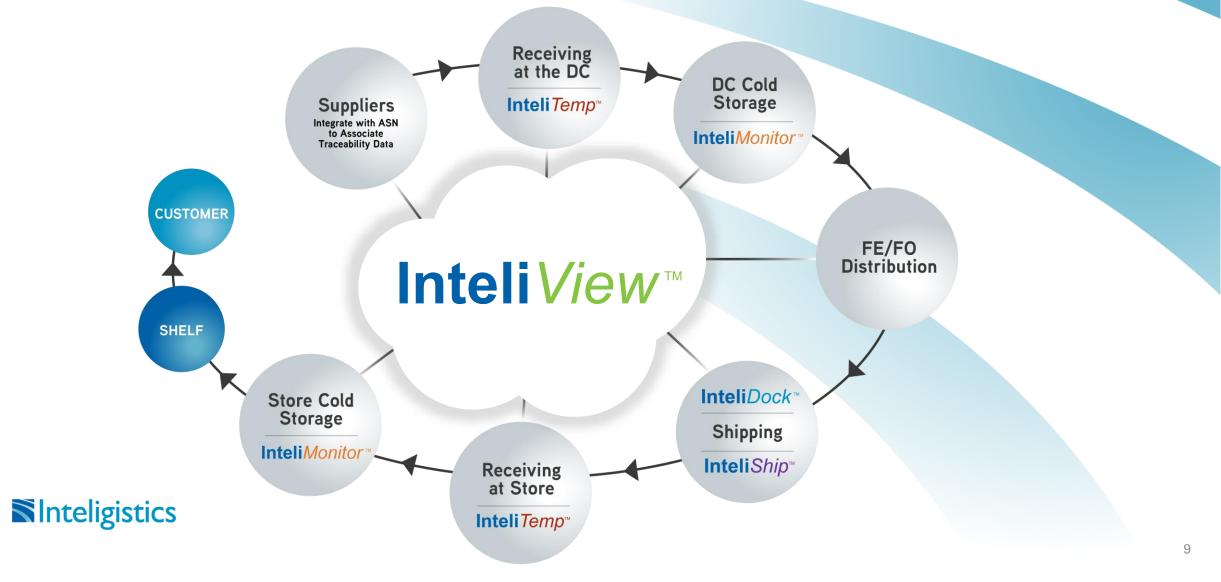- Enact Disruptive Process Improvements

- Mitigate Risk

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Gain Operational Insights

- Improve Decision Making

- Support Sustainability and Food Safety

- Develop Meaningful KPIs

- Take Real-Time Corrective Actions

- Establish Scorecarding for Your Suppliers and/or Distribution Centers

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End-to-End Product Visibility – with InteliView Platform

Instantly See Process Anomalies

Pallet: 223523
ON DISPLAY
URGENT
GTIN: 10123456543282
Ambient Temp: **45**
Time at Storage Receive:
11/20/2022 15:15
Current Shelf Life: **3**

Temp
- Normal
- Minor
- Urgent
- Critical

50%, 30%, 15%, 5%

Time
67%, 19%, 9%, 5%

Shelf-Life
- > 12 Days
- 7-12 Days
- 10-15 Days
- < 6 Days

31%, 52%, 10%, 7%

Volume: **884 Pallets**

Avg Velocity: **RTS : 3.6 Hours** | **RTS: 8.2 Hours**

Avg. Shelf-Life At Store Receive: **14**

Case	Shelf-Life	DC Receive	DC Storage	Shipping	Store Receive	Storage
123456	12	11/20 6:30 33°F	9:45 33°F	11:58 34°F	12:45 34°F	15:45 35°F
223523	3	11/20 7:30 33°F	9:45 33°F	11:58 38°F	14:45 32°F	15:35 45°F
235266	13	11/20 8:00 34°F	10:15 34°F	18:34°F	20:45 34°F	21:12 34°F
473477	6	11/20 8:00 35°F	13:45 36°F	15:45 42°F	18:48 44°F	
345154	9	11/20 8:08 34°F	9:45 34°F	9:45 37°F	13:45 38°F	14:20 38°F
444536	14	11/20 9:30 35°F	9:52 35°F			
124567	15	11/20 9:35 33°F				

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InteliView:
A New Way of Thinking – and Operating

- A Holistic Data Management Platform That Integrates Across the Fresh Foods Supply Chain to Improve Efficiency and Promote Better Decision Making

- Converts Regulatory Compliance from an Expense to Cost Savings and Revenue Gains
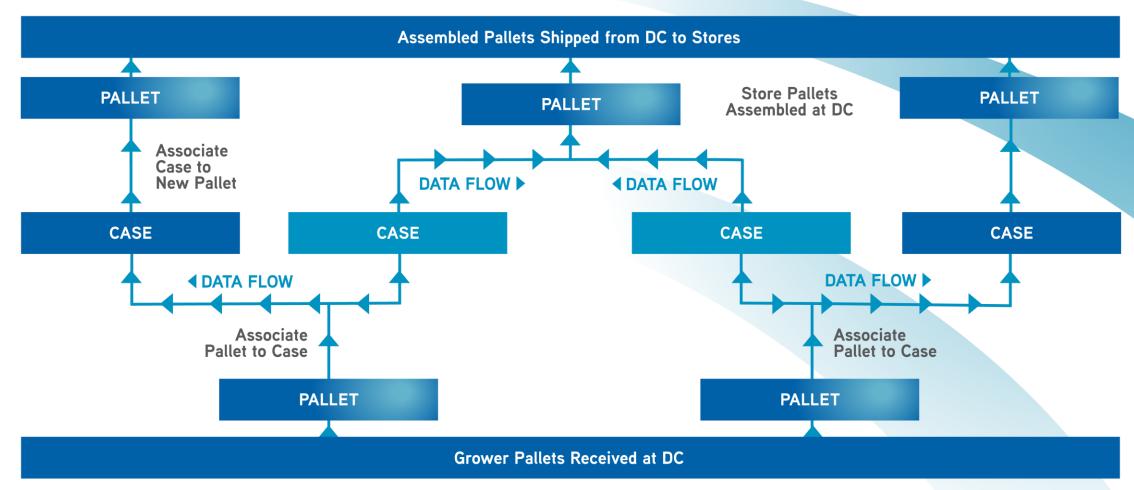
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Add Value to FSMA 204 Compliance

- Track and Instantly Report KDEs from InteliView Platform
- End-to-End Transparency
- Automated Data Collection
- Predictive Shelf Life and Inventory Optimization from DC to Store Shelf
- Reduced Waste
- Increased Sales

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Maintain Traceability

Inteligistics at Distribution Center

- Cold Chain and Facility Monitoring

- Loading Dock Coordination and Access Management

- Product Traceability Data Access and Improved Decision Making

- FEFO Inventory Optimization

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FE/FO Inventory with Cold Chain Management

Adjust for **6-day minimum** remaining shelf life →

Harvest Date	Standard Expiration Date (17 days)	Cooler Outbound	DC In	DC out	Store In	On Display	Adjusted Expiration Date (Product tracking)
1-Jun	18-Jun	3-Jun	5-Jun	8-Jun	9-Jun	10-Jun	17-Jun
2-Jun	19-Jun	4-Jun	7-Jun	9-Jun	10-Jun	12-Jun	18-Jun
3-Jun	20-Jun	5-Jun	6-Jun	7-Jun	8-Jun	10-Jun	17-Jun
4-Jun	21-Jun	6-Jun	8-Jun	11-Jun	12-Jun	13-Jun	20-Jun
5-Jun	22-Jun	7-Jun	10-Jun	10-Jun	11-Jun	14-Jun	19-Jun
6-Jun	23-Jun	8-Jun	9-Jun	12-Jun	13-Jun	15-Jun	21-Jun
7-Jun	24-Jun	9-Jun	12-Jun	14-Jun	15-Jun	17-Jun	23-Jun
8-Jun	25-Jun	10-Jun	13-Jun	13-Jun	14-Jun	16-Jun	22-Jun

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Third Mile – DC to Store Shelf

- Pallet Assembly/Traceability
- Dockside/Transportation Monitoring
- Advanced Technology (AI/ML) for Efficiency Improvements
- Shelf-life Optimization
- Increased Consumer Satisfaction

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Inteligistics: Your Digital Transformation Partner

- Improve Efficiency, Automate Labor Functions

- Enhance Product Quality

- Convert Regulatory Compliance Costs to Bottom Line Gains

- Increase Salability of All Available Product

- Provide Operational Insights

- Allow End-to-End Visibility

- Support Consumer Satisfaction

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Proven Experience

- Westinghouse – Digital Transformation of Nuclear Power Generating Control Rooms

- US Navy – Development of Supply Chain Logistics Platform for Global Asset Viability

- 10+ Years of Digitization and End-to-End Perishable Supply Chain Solutions

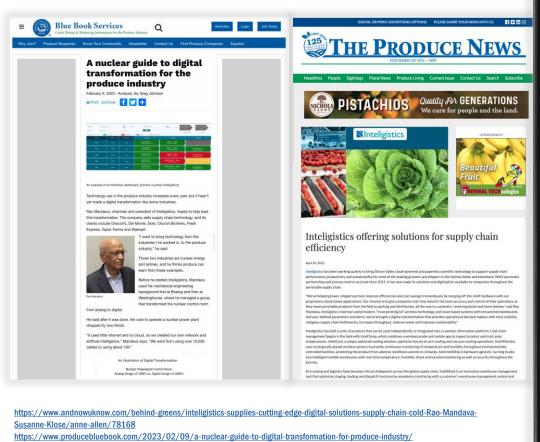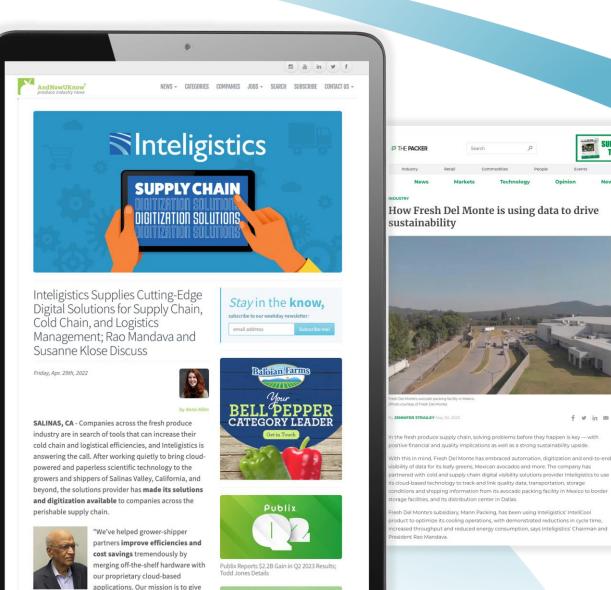- Pioneer developing AI/ML Applications Disrupting and Transforming Supply Chains

In the News

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Thank you!