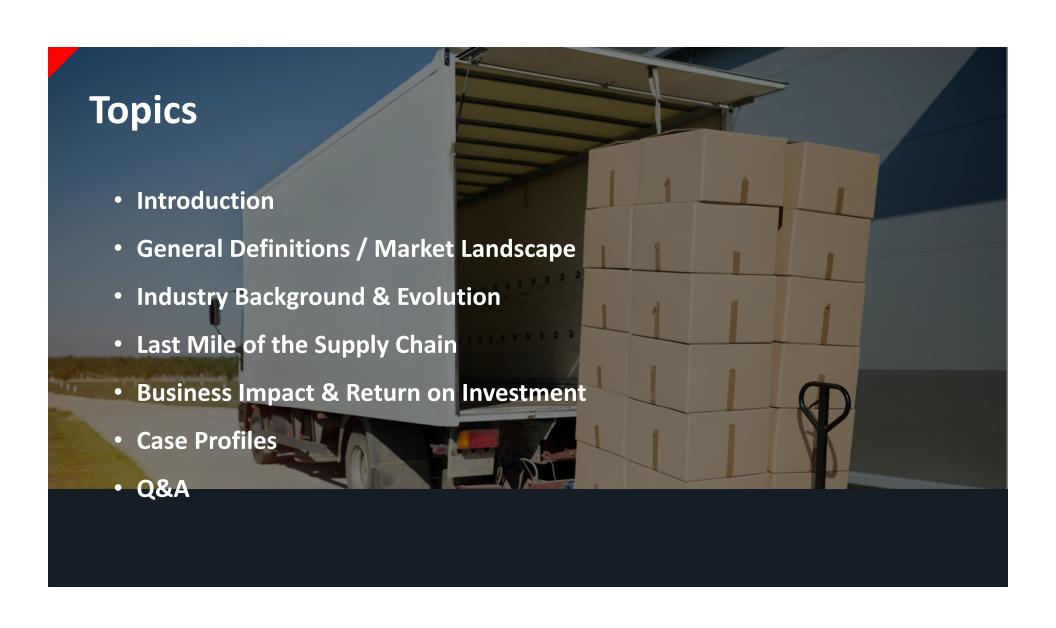
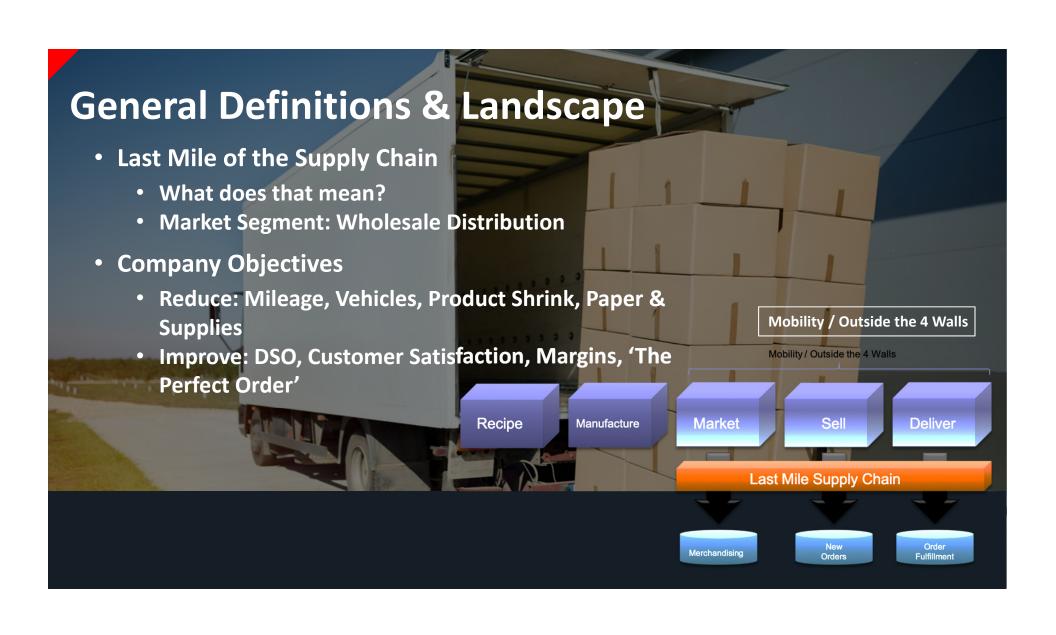


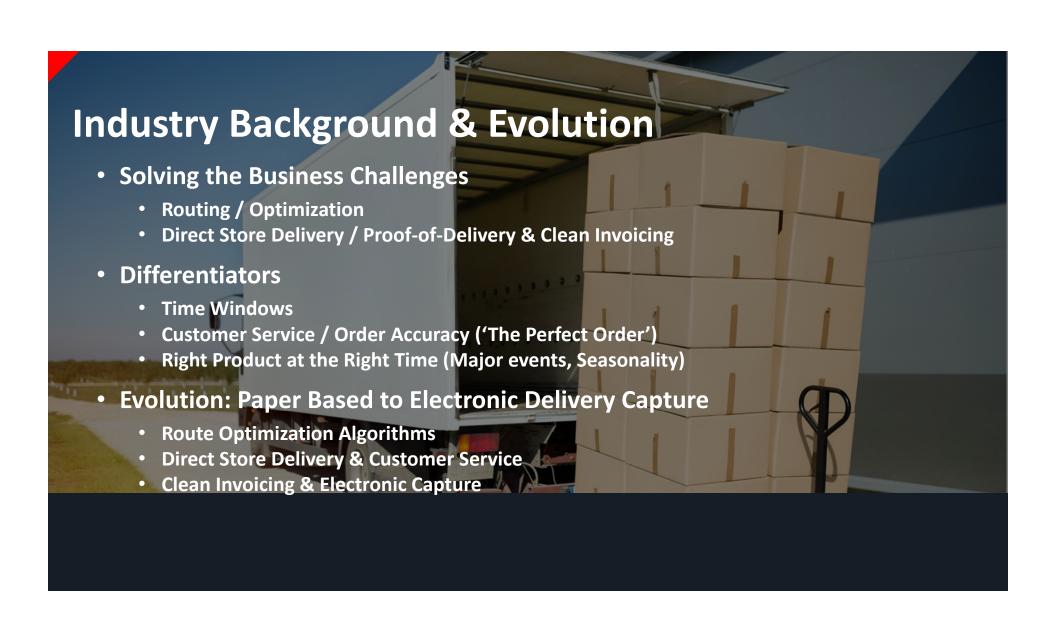
Last Mile of the Supply Chain

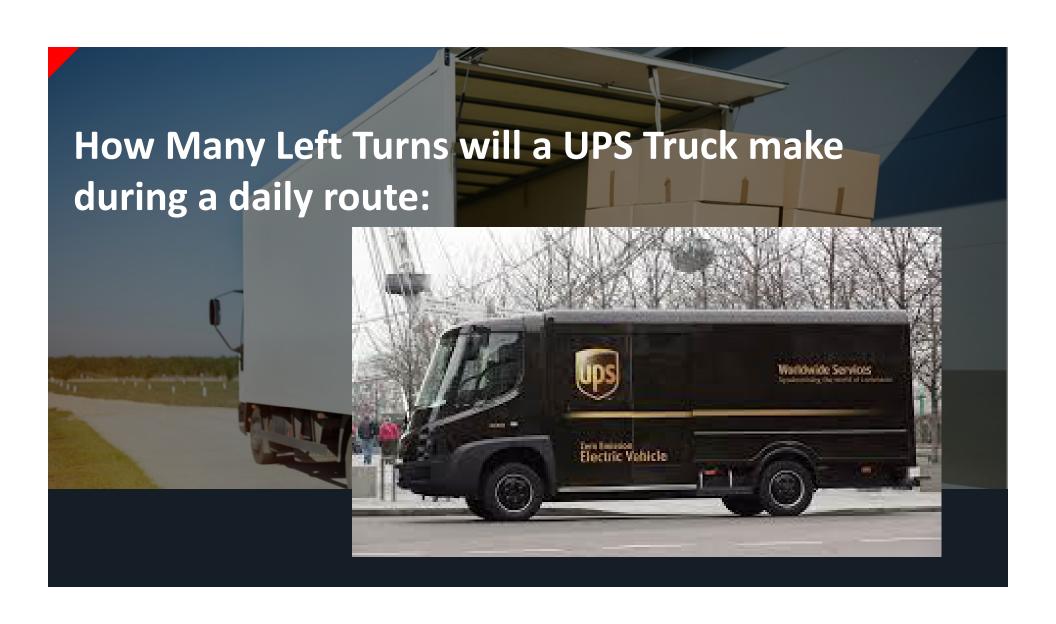
John McCabe
ExtenData Solutions, LLC











Last Mile of the Supply Chain: Prepare for the Race

- Route Optimization Elements
 - Dynamic vs. Standard
 - Standard Route / Preferred ID
 - Account Status: Gold, Preferred, etc.
 - Zone Routing
- Business Objective Balance
 - Reduce Cost
 - Improve Customer Service

Case Profile: Dynamic Routing

- McDonald's Distributor
- Single Customer
- Captive Audience
- Key Drops/ Unattended
- \$12m Savings Estimated



High Customer Service Levels

Reduced Cost



- Reduction in Total Fleet Miles: 10-15%
- Reduction in Overtime: 15-35%
- Reduction in Fleet Size (Vehicles): 5-10%
- Improved Time Window Accuracy / On-Time Deliveries: 75%

Theatre of the Possible

<u>Vehicles</u>	<u>Stops</u>	<u>Possibilities</u>
1	5	120
1	10	3.6 million
5	10	37.3 quadrillion







10% Savings in Mileage





Results Profile: Grupo Modelo

- Reduction in Total Fleet Kms: 30%
- Reduction in Overtime: 2 hours per day, across the fleet
- Reduction in Total Daily Routes: 6%
- Improved Route Profitability: 20%
- ROI: 12 months

Business Challenge: Achieve greater efficiency in routing the 3,000 company-owned vehicles across Mexico.







- Mobile Direct Store Delivery & ePoD
 - Pre-Sales & Order Management
 - Customer History & Service Management
 - Electronic Signature Capture
 - Proof-of-Delivery & "Clean Invoicing"
- Business Objectives
 - Increase Revenue per Stop
 - Order Accuracy (Returns, Inventory, Overage)
 - Immediate invoicing: Reduce Days Sales Outstanding
 - Improve Customer Service
 - Eliminate Paper

Clean Invoicing: Managing fullcycle new product delivery, returns, damaged, expired items in a single transaction. This includes signature capture, notes and related photos.



- Broadline Wholesale Distribution
 - Food & Beverage
 - Center of the Plate
 - Baked Goods (Including Tortillas)
- Measurement
 - Circa 500 vehicles / routes
 - Delivery Driver Pre-Ignition / Post-Ignition duties
 - Customer face time
 - Clean Invoicing
 - Cross-Docking between Distribution Centers

The Chefs' Warehouse (NASDAQ: CHEF) Circa \$1.3B annual revenue, headquartered in Ridgefield, CT; operations across the US and Canada.



Delivery Management: Profile & Potential ROI

	Totals	 nnual Rate	Hourly Rate (Fully Loaded)	Annual Impact	30%	50%
Drivers	13	\$45,000	\$23	IIIpacc	Improvement	Improvement
Admin / Pre & Post Trip (Paperwork) - Daily Hours - 30 Minutes		\$ 1,950		\$45,703	\$13,711	\$22,852
On-Site Activity / Manual Processes (12 Stops / Day) - 10 Min/Stop		\$ 7,800		\$182,813	\$54,844	\$91,406
Supplies: Forms, Printer, Mailings, Invoices, Log Books, etc. (Invoice at \$.25 / invoice)		46,800	\$0.25	\$11,700	\$3,510	\$5,850
Finance & Admin	15	\$45,000	\$23	Ģ11,700	\$3,310	\$3,630
Admin / Pre & Post Trip / Order Corrections, Re- Key, etc 30 Min / day			150	\$52,734.38	\$15,820	\$26,367
Dispatcher / Warehouse	15	\$45,000	\$20	, ,	, ,	, , ,
Pick Load/ Order Corrections, Misc 30 Min / day			150	\$3,000	\$900	\$1,500
				\$295,950	\$88,785	\$147,975

Fundamental Scale: Average
Tortilla Manufacturer has circa
10-15 vehicles under
management, 10-15 Stops per
Route, 5 Days per week

Efficiencies in Delivery Management: Tortilla Market Results

- Streamline Route Sales & Delivery
 Management
- Improve order fulfillment
- Implement "Clean Invoicing"
- Eliminate paper based / manual processes

- Provide greater inventory accuracy
- Central visibility into delivery operations
- Extensive reporting & business intelligence













INDUSTRY TRENDS & JUSTIFCATIONS





Efficiencies in Delivery Management: Tortilla Market Results

- Streamline route sales and delivery management
- Improve order fulfillment
- Implement clean invoicing
- Eliminate paper based / manual processes

- Provide greater inventory accuracy
- Collapse DSO Cycle
- Extensive reporting & business

intelligence



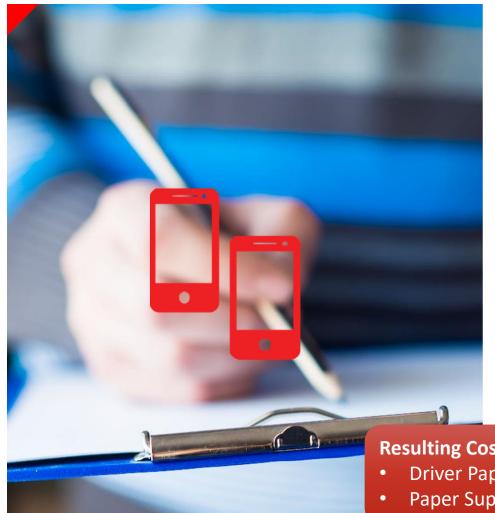












HANDWRITTEN ORDER FORMS

- Hard to read handwriting
- Pricing calculation errors
- Product quantity miss counts
- · Lack of back office visibility

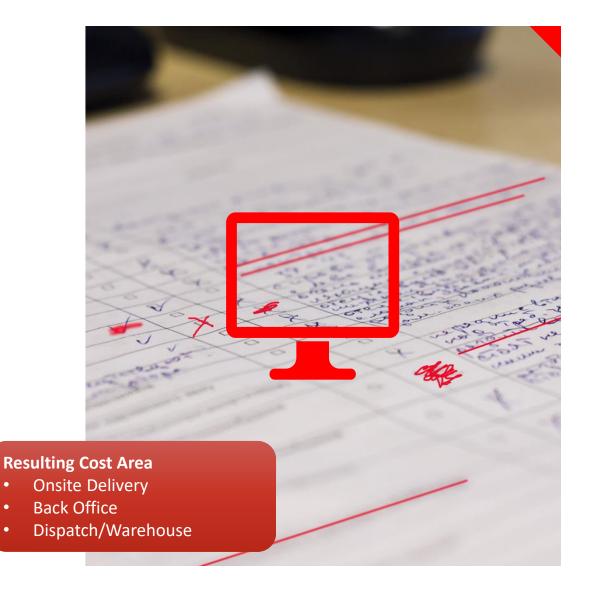
Resulting Cost Area

- Driver Paperwork
- **Paper Supplies**

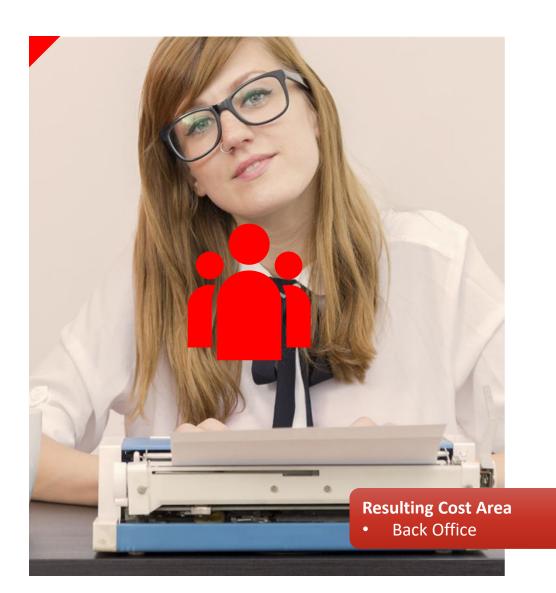


ORDER FORM ERRORS

- Miss delivered product
- Returning to customers to correct errors
- Multiple conversations to understand order forms
- Back office data entry becomes time consuming and frustrating







MANUAL DATA ENTRY

- Data entry delayed until paper work is physically available
- Time consuming process
- Incorrect data from drivers
- Data errors due to manual entry
- Multiple corrections
- Inaccurate and delayed reporting



END OF DAY SETTLEMENT

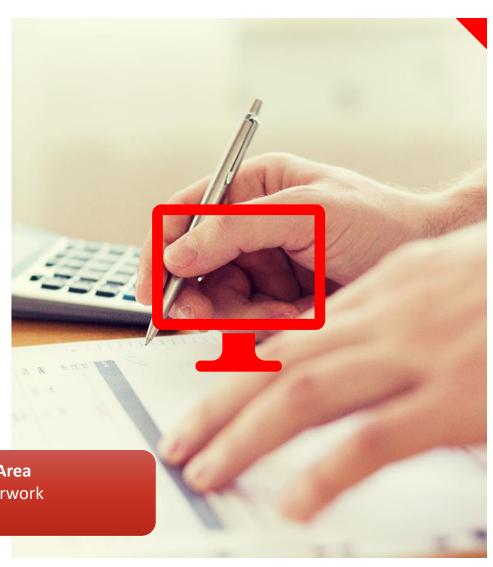
- Handwritten accounting error prone
- Possibility of theft
- · Lack of sales accountability
- No sales reports and cash/check settlement





- Driver Paperwork
- **Back Office**

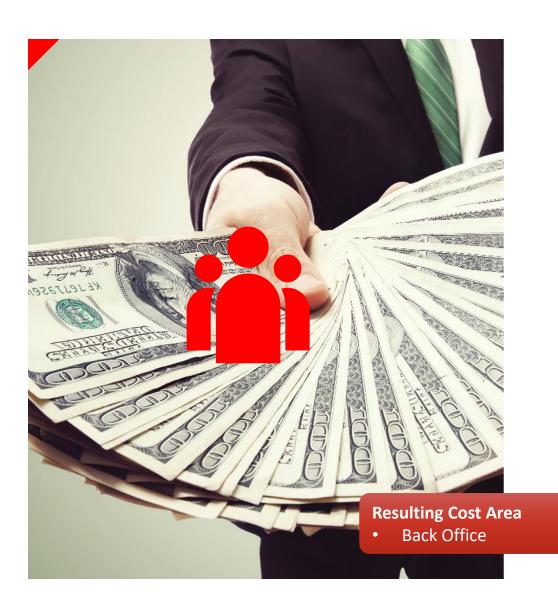






DAYS SALES OUTSTANDING

Is your DSO over 30 – 45 days?



DAYS SALES OUTSTANDING

- Days to get order form entered into system
- Days to correct order/invoice errors
- Payment terms
- Timeline increased due to customer disputes
- Total days to get paid



THANK YOU

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