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# **Driscoll's Blockchain Pilot**

# Blockchain traceability pilot

Farm to Store pilot with Walmart & IBM



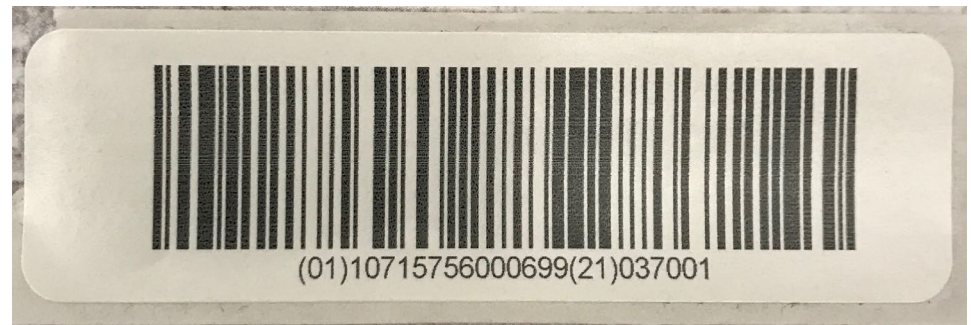
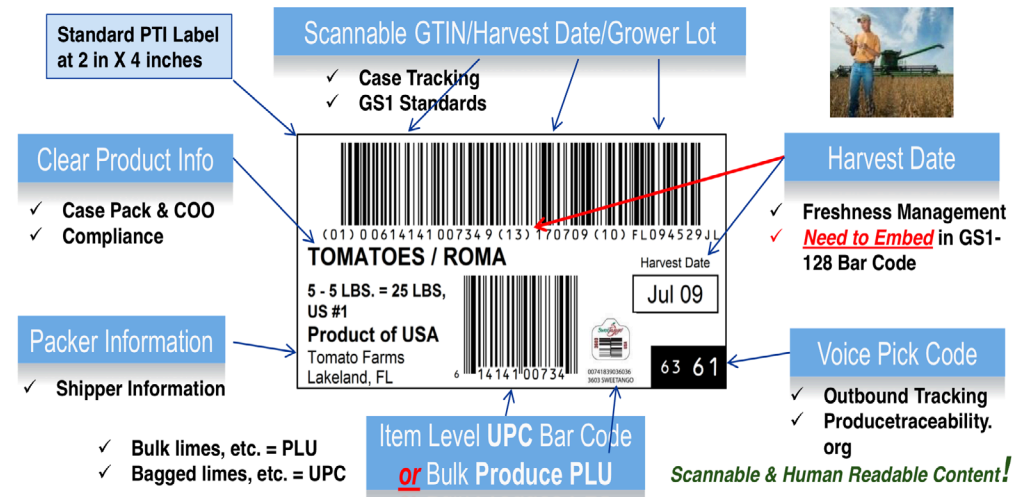
- Pilot objectives:
  - Align with Walmart and investigate blockchain technology for food safety traceability
  - Test harvest data capture technology
  - Develop alternative to PTI labeling requirements
  - Enable full cold chain/supply chain visibility

# Blockchain traceability pilot

Alternative to PTI labeling requirement



GS1 compliant picker stickers



# Blockchain traceability pilot

Cold chain visibility



IBM Food Trust™

Farm to store view

Multi-ingredient view



Trace

Timeline

Start  
Oct 01, 2018

End  
Oct 05, 2018



Farm

1

Driscolls

Drisc Con Straw  
8x16oz Clam EF STS

1 Farm

Jacks WP 17-18

WAREHOUSE

1

Driscolls

Drisc Con Straw  
8x16oz Clam EF STS

1 WAREHOUSE

D'Arrigo Bros Salinas CA  
USA

Warehouse And Or  
Depot

1

Walmart

Drisc Con Straw  
8x16oz Clam EF STS

1 Warehouse And Or  
Depot

CLARKSVILLE, AR GROC  
DC 6082

Store

2

Walmart

Drisc Con Straw  
8x16oz Clam EF STS

2 Store

ROGERS, AR STORE 1  
WSC

BENTONVILLE  
(RAINBOW), AR STORE  
4686 WNM

# Blockchain traceability pilot

Cold chain visibility— store details



Trace

Farm to store view

Multi-ingredient view

Timeline

Start  
Oct 01, 2018

End  
Oct 05, 2018

Farm

WAREHOUSE

Warehouse And Or

Store

ROGERS, AR STORE 1 WSC

Walmart

ROGERS, Arkansas

X

observation

DATE/TIME	FROM	TO	PRODUCT	QTY	LOT #	SERIAL #
10/05/2018, 5:16 AM	CLARKSVILLE, AR GROC DC 6082		Drisc Con Straw 8x16oz Clam EF STS			061155
10/05/2018, 5:48 AM	CLARKSVILLE, AR GROC DC 6082		Drisc Con Straw 8x16oz Clam EF STS			061192
10/05/2018, 5:48 AM	CLARKSVILLE, AR GROC DC 6082		Drisc Con Straw 8x16oz Clam EF STS			061190
10/05/2018, 5:49 AM	CLARKSVILLE, AR GROC DC 6082		Drisc Con Straw 8x16oz Clam EF STS			061192
10/05/2018, 5:50 AM	CLARKSVILLE, AR GROC DC 6082		Drisc Con Straw 8x16oz Clam EF STS			061146
10/05/2018, 5:55 AM	CLARKSVILLE, AR GROC DC 6082		Drisc Con Straw 8x16oz Clam EF STS			061097
10/05/2018, 9:14 AM	CLARKSVILLE, AR GROC DC 6082		Drisc Con Straw 8x16oz Clam EF STS			061017
10/05/2018, 9:14 AM	CLARKSVILLE, AR GROC DC 6082		Drisc Con Straw 8x16oz Clam EF STS			061018

Walmart

Drisc Con Straw 8x16oz Clam EF STS  
2 Store

ROGERS, AR STORE 1 WSC

BENTONVILLE (RAINBOW), AR STORE 4686 WNM

Walmart

Drisc Con Straw 8x16oz Clam EF STS  
2 Store

ROGERS, AR STORE 1 WSC

BENTONVILLE (RAINBOW), AR STORE 4686 WNM

# Blockchain traceability pilot

## Learnings & Challenges



### Learnings:

- Shipment traceability was successful from farm to store
- Harvest data capture solution successful
- PTI label alternative was successful
- Farm to store supply chain visibility achieved

### Challenges:

- Need to scale and expand harvest data capture technology and integrate into grower's operations
- Need large scale systematic trace integration