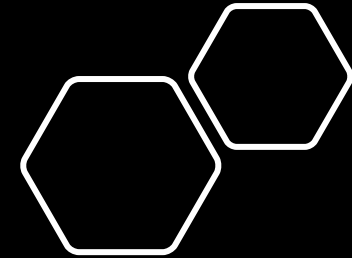




Innovia Customer Conference

May 22, 2023

John Rewcastle, President
David Deardorff, Sales Engineer



Who Moved My Cheese?

Optimizing Workflows with Modern Hardware Solutions



Improving Accuracy in Your Warehouse - With the Right Tools!

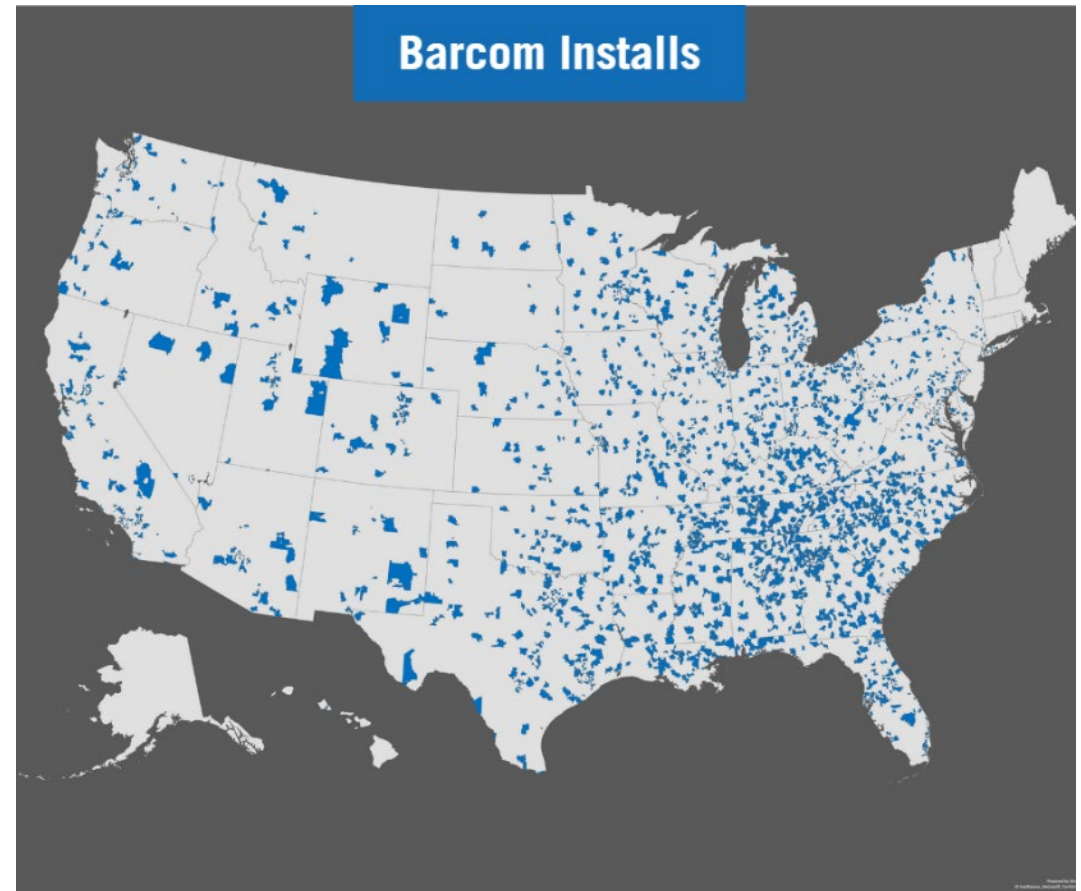
In today's session you will learn:

- Why Barcoding & RFID are Game Changers
- The Benefit of Wearable Devices
- How Bin Location Labeling Improves Workflow Productivity
- The Role of Mobile Device Management
- How RFID & RTLS Maximize Location Accuracy
- Importance of Distance-Designed Devices



Who We Are

- In business since 1991 in Chattanooga, TN with 3 regional offices (NC, GA, TX)
- Team of Experienced Sales Engineers & Programmers
- Experts in:
 - Wireless Infrastructure
 - Bin Location Labeling Solutions
 - Barcode & RFID Hardware
 - Inventory Tracking Software
 - Barcode Printers & Media
 - Mobile Device Management
- Consulting & Custom Solutions
- Pre & Post-Sales Technical Support



What We Do

Pre- & Post-Sale System Design & Integration

- Wireless Infrastructure
- Mobile Device & Printer Recommendations
- Bin Location Labeling
- Powered Mobile Carts
- Consulting Services

Service and Support Specializations:

- Programming Expertise
- Technical Contracting
- Helpdesk Services
- Cisco Wireless Engineering
- Inside Sales Support



Day in the Life of a Warehouse

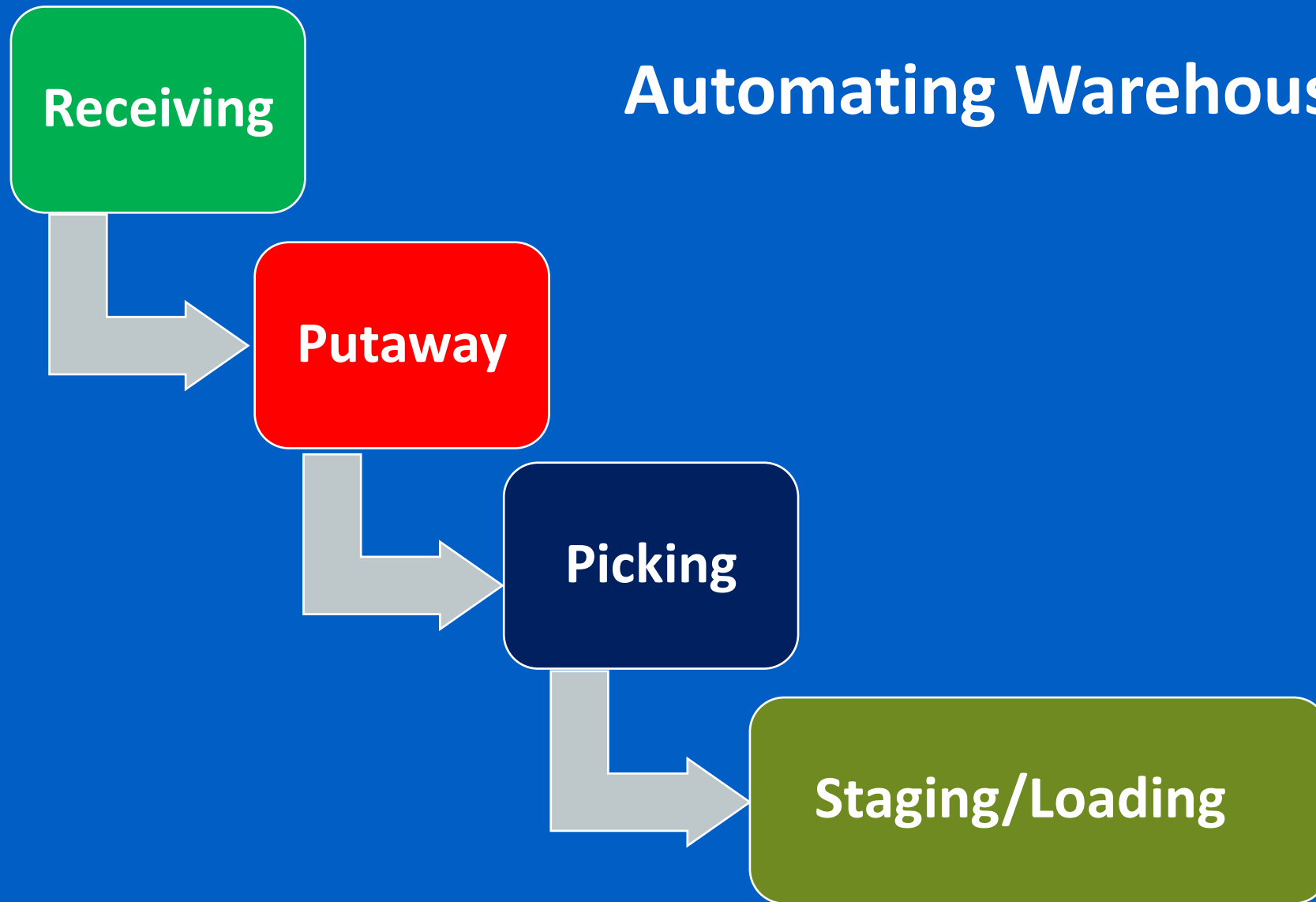
Automating Everyday Processes with Modern Technology

- Barcode & RFID Technologies
- Mobile & Desktop Printing
- Location Labeling
- Mobile Device Management
- Powered Mobile Carts

Improving productivity and accuracy with material tracking tools.



Automating Warehouse Processes

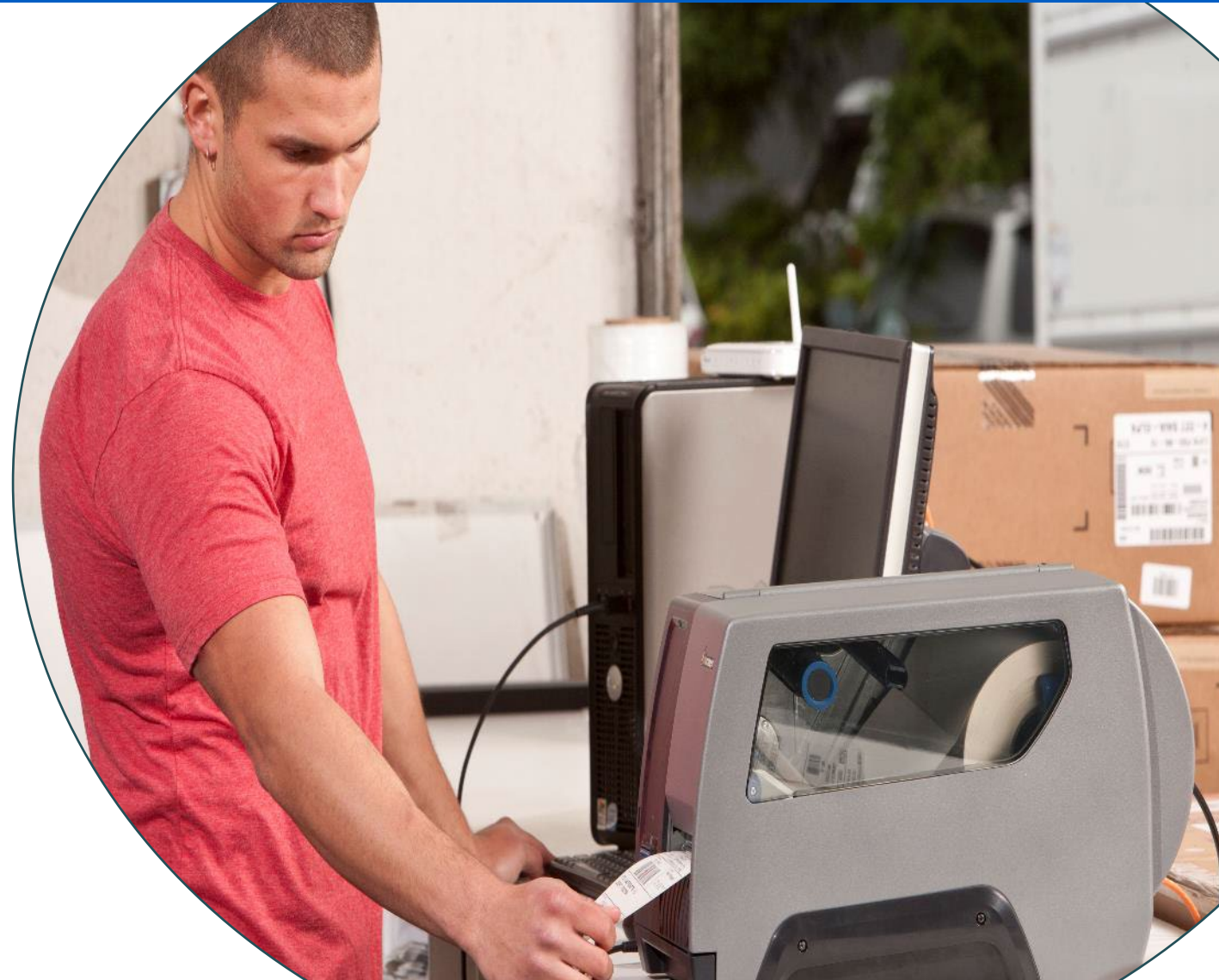


RECEIVING PROCESS

Receiving

OUR SOLUTIONS HELP YOU:

- Receive-In Correct Items
- Receive-In Correct Quantity
- Avoid Discrepancies
- Access Data in Real-Time



RECEIVING PROCESS

Receiving

Receipt

PO: 100220

Vendor: ACME - ACME Chemical

Line	Product	Description
1	SH50	Sodium Hydroxide (50%)
2	SC	Sodium Carbonate

Lbs: 125

Container Type: Drum

Lot: 5-22-2023








Pallet: CCP23000201

13:27 - SH50 - 400lb Drum Received

Submit **Reprint** **Exit**

RECEIVING PROCESS

Receiving

Purchase Orders										
						<input type="text"/>				
Refresh	Remove All Filters	Show/Hide Columns	Grid Settings	Reports	Find		Query			
	NavLocation	ExpectedRec	OrderId	VendorName	ItemId	Description	LineId	Quantity	UOM	
	NH01	9/23/2022	115666	HARCROS CHEMICALS, INC. *ACH*	RM12406	FILTER AID, TIGHT	10000	3266	KG	
	NH01	11/7/2022	115762	SKW QUAB CHEMICALS, INC. *ACH*	RM080	QUAB 426	10000	5600	KG	
	NH01	4/20/2022	115908	HARCROS CHEMICALS, INC. *ACH*	RM12406	FILTER AID, TIGHT	10000	1633	KG	
	NH01	2/6/2023	115986	IMCD US, LLC *ACH*	RM180	RICE PROTEIN ISOLATE	10000	6000	KG	
	NH01	3/14/2023	116216	SKW QUAB CHEMICALS, INC. *ACH*	RM078	QUAB 360	10000	1600	KG	
	NH01	10/5/2022	116321	HARCROS CHEMICALS, INC. *ACH*	RM12405	FILTER AID, STANDARD	10000	17146	KG	
	NH01	3/9/2023	116515	ENZYME DEVELOPMENT CORP. *ACH*	RM163E	PROTEASE, ALKALINE	10000	4480	KG	
	NH01	10/23/2023	116525	KEESE INTERNATIONAL, LLC *ACH*	RM102	WOOL, WASHED	10000	10000	KG	
	NH01	6/5/2023	116654	AXIOM FOODS INC. *ACH*	RM098	SACHA INCHI	10000	440	KG	
	NH01	1/29/2024	116692	KEESE INTERNATIONAL, LLC *ACH*	RM102	WOOL, WASHED	10000	10000	KG	
	NH01	5/29/2023	116693	IMCD US, LLC *ACH*	RM127	SOY PROTEIN ISOLATE, NON-GMO	10000	4000	KG	
	NH01	6/22/2023	116707	ADM MILLING COMPANY	RM122	BARLEY FLOUR, MALTED	10000	1134	KG	
	NH01	6/9/2023	116709	CARRUBBA INC. *ACH*	RM212	GREAT BURDOCK EXTRACT H3745 WS	10000	45	KG	
	NH01	6/9/2023	116709	CARRUBBA INC. *ACH*	RM213	FENUGREEK EXTRACT H3746 WS	20000	45	KG	
	NH01	6/9/2023	116709	CARRUBBA INC. *ACH*	RM214	IVY EXTRACT H3747 WS	30000	45	KG	

RECEIVING PROCESS

Receiving

Purchase Orders

Refresh Remove All Filters Show/Hide Columns Grid Settings Reports Find Query

NavLocation	ExpectedDate	OrderId	VendorName	ItemId	Description	LineId	Quantity	UOM
NH01	9/23/2022	115666	HARCROS CHEMICALS, INC. *ACH*	RM12406	FILTER AID, TIGHT	10000	3266	KG
NH01	11/7/2022	115762	SKW QUAB CHEMICALS, INC. *ACH*	RM080	QUAB 426	10000	5600	KG
NH01	4/20/2022	115908	HARCROS CHEMICALS, INC. *ACH*	RM12406	FILTER AID, TIGHT	10000	1633	KG
NH01	2/6/2023	115986	BMCD US, LLC *ACH*	RM180	RSCE PROTEIN ISOLATE	10000	6000	KG
NH01	3/14/2023	116216	SKW QUAB CHEMICALS, INC. *ACH*	RM078	QUAB 360	10000	1600	KG
NH01	10/5/2022	116321	HARCROS CHEMICALS, INC. *ACH*	RM12405	FILTER AID, STANDARD	10000	17146	KG
NH01	3/9/2023						4480	KG
NH01	10/23/2023						10000	KG
NH01	6/5/2023						440	KG
NH01	1/29/2024						10000	KG
NH01	5/29/2023						4000	KG
NH01	6/22/2023						1134	KG
NH01	6/9/2023						45	KG
NH01	6/9/2023						45	KG
NH01	6/9/2023						45	KG

Purchase Order: 116216 Warehouse: NH01

Vendor: SKW QUAB CHEMICALS, INC. *ACH*

RM Code #: Description

RM078 QUAB 360

PO Quantity: 1600 UOM: KG

LOT #: 04584

VENDOR LOT #: 170809D755

EXPIRATION: 08/09/2027

Quantity: 200 # CONTAINERS: 8

TOTAL QTY RECEIVED: 1600

Printer: SHIPPING

History

DATE	RM #	Description	LOT	Cont.	Qty	Total Qty
12/27 11:42	RM080	QUAB 426	04521	1	1	1

Exit Accept


Item # **RM078**

QUAB 360

Lot # **04552**

Received **03/02/2023**

Expiration **05/30/2023**



00043923


Item # **RM078**

QUAB 360

Lot # **04552**

Received **03/02/2023**

Expiration **05/30/2023**



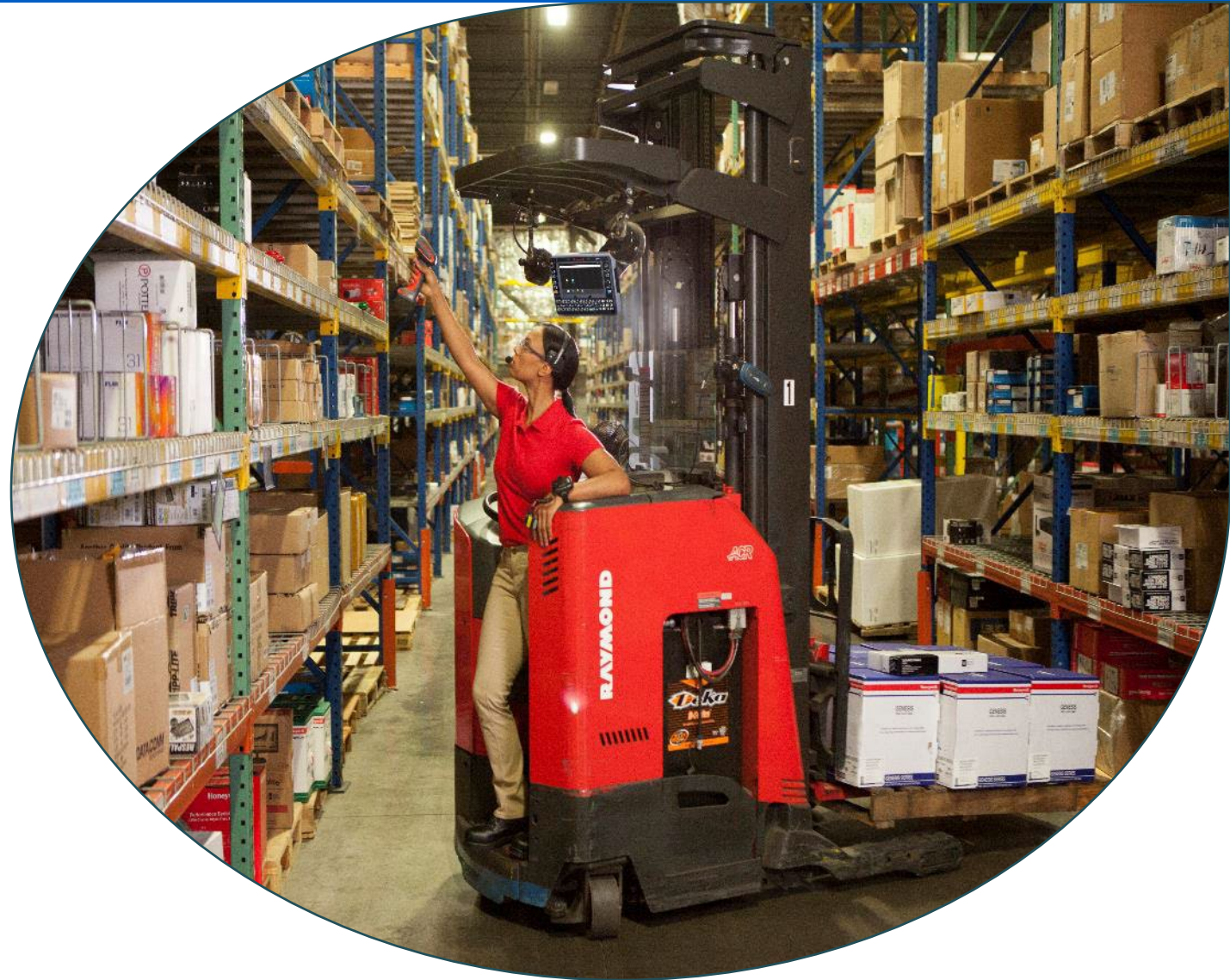
00043924

PUTAWAY PROCESS

Putaway

OUR SOLUTIONS HELP YOU:

- Find Correct Items
- Pick Correct Quantity
- Improve Inventory Visibility
- Pick for the Correct Order



PUTAWAY PROCESS

Putaway

Move LPN

LPN

QUAB 360

00043924 RM078- 200

00043925 RM078- 200

Count **2**

Quantity **400**

Location

01/13/23 14:00 E1N 4419-HY-SBZ-018 18 (1)

01/10/23 18:02 E1N 4315-HY-TRE-NP-005 5 (1)

Exit

Clear

Update

PUTAWAY PROCESS

Putaway

LPN Inquiry	
Scan	00043924
LPN	00043924
Location	F4J
Item	RM078
QUAB 360	
Quantity	200.00
UOM	KG
Lot	04552
Expiration	05/30/2023
Status	AVAILABLE
03/24/2023 - adCount F4J 200 KG	
03/02/2023 - adTransfer F4J 200 KG	
03/02/2023 - adTransfer RECEIVE -200 KG	
03/02/2023 - RECEIVE RECEIVE 200 KG	
Exit	

PICKING PROCESS

Picking

OUR SOLUTIONS HELP YOU:

- Increase Accuracy
- Maintain Adequate Stock Levels
- Improve Employee Productivity
- Optimize Picking Sequences



PICKING PROCESS

Picking

Order Picking			
P/L # 122111712211			
SAM STRUPECK			
Pallet #:	1		
Line:	1	of	2
Part #: 600CC0410			
6" x 10' CRFT ALUM COL BRZ TEX			
Part Scan:			
Bin:	12A01	24	
Quantity:	8		
Pick:		Short:	
Next	Stage	Labels	Back

PICKING PROCESS

Picking

Order Picking

P/L # P03345402-1-001

William Robert

Line: 1 of 2

Part #: B6010AS00

MLP GOH CHEESE SANDWICH
AND PARTY TANK

Location 12A01 Available 24

Quantity: 1

Part Scan:

Pick: Short:

Next

Stage

Labels

Back



STAGING / LOADING

Staging/Loading

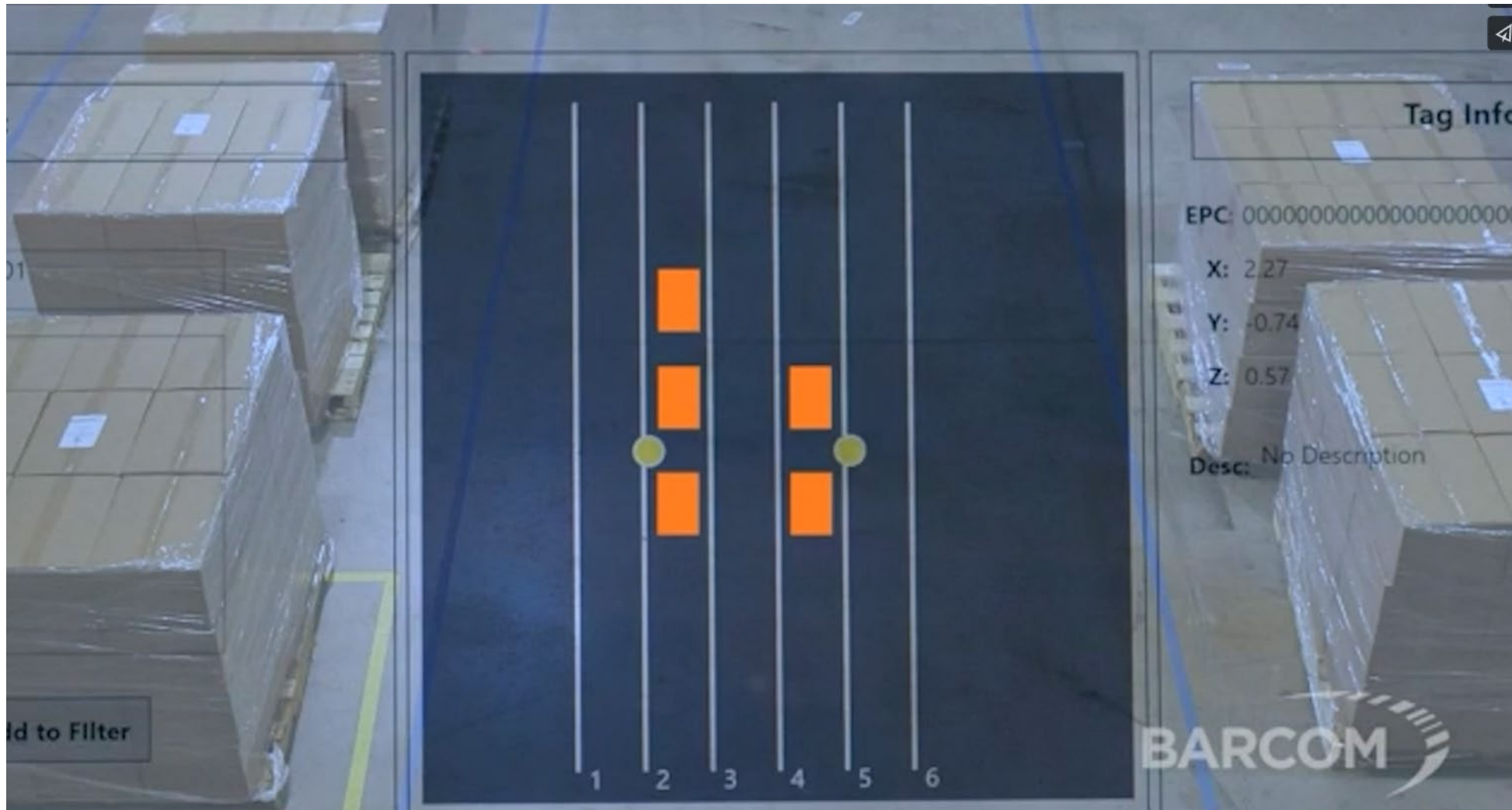
OUR SOLUTIONS HELP YOU:

- Control Material Handling Costs
- Increase Employee Safety
- Improve Inventory Accuracy
- Eliminate Mis-shipments



STAGING / LOADING

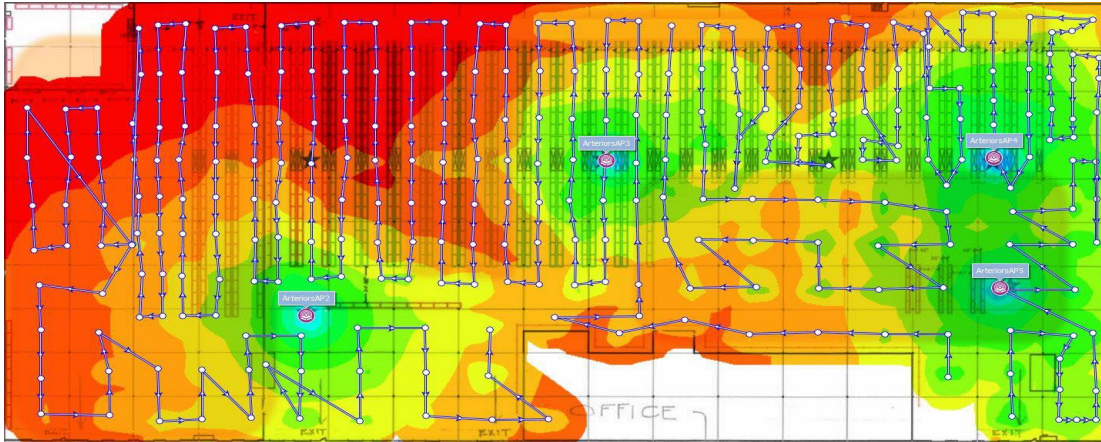
Staging/Loading



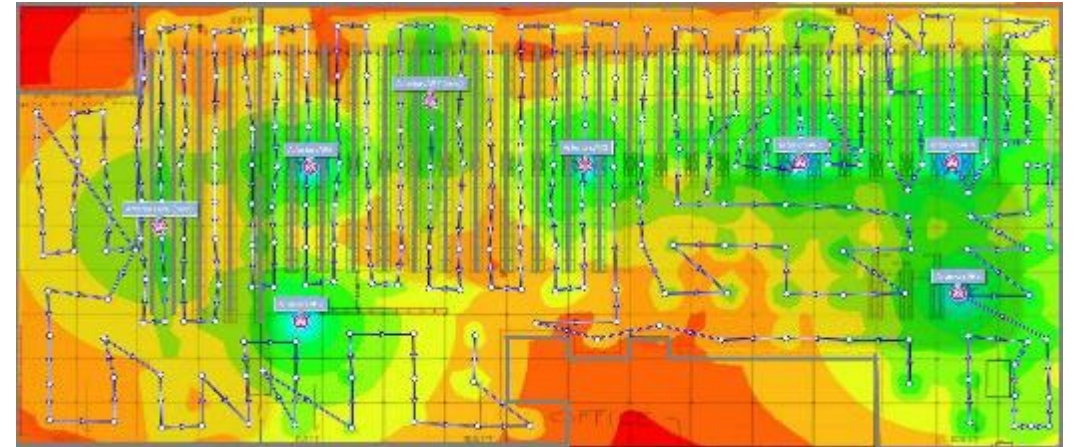
Services & Other Solutions

Wireless Site Survey & Planning

BEFORE – Inconsistent Performance



AFTER – Reliable Connectivity



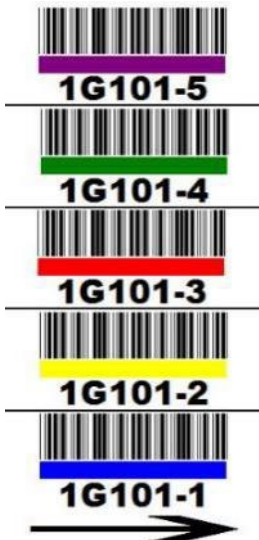
Create greater consistency and eliminate the guesswork. A site survey helps you evaluate gaps and create a more streamlined environment.

Bin Location Labeling



Improves management of inventory, regardless of size of the warehouse space

- Floor Labeling
- Rack/Shelf Labeling
- Overhead Location Labeling
- Bin Location Labeling



Mobile Device Management

Why SOTI MobiControl?

- Easy to secure and manage devices and endpoints
- Deploy Devices Quickly & Easily
- Eliminate Mobile Device Downtime
- Optimize Data Delivery 10X or More

SOTI®



Automatic Dimensioners & Scales



Dimensions parcels up to 48" in less than two-tenths of a second

Auto-Dimensioning



Converts irregular shapes like cylinders, spheres, tubes, polybags and uneven shapes to 0.5 in NTEP-Certified cubed dimensions.



Requires virtually no special alignment or special handling while placing an object under the work area. Integrates seamlessly with E-Ship.



Powered Mobile Carts



IMPROVE PROCESSES: Fully leverage your wireless facility by cutting cords and letting workstations move where they are needed.

Exploring RFID Technology

Zebra's RFID technology streamlines inventory and asset tracking, and virtually eliminates human error while providing instant, detailed records of the movement of company assets.



Barcom Partners



Premier
Solution Partner
Advanced RFID Specialist

Honeywell

PLATINUM

PERFORMANCE PARTNER



OMRON

MICROSCAN

SOTI



DATALOGIC



THANK YOU!



David Deardoff, Sales Engineer
ddeardorff@barcominc.com
770-335-7032



Please Complete Our Session Survey!

