

STREAMLINE RETURNS PROCESSING WITH AUTONOMOUS MOBILE ROBOTS (AMRS)

SONIA JOSE, SENIOR PRODUCT MANAGER,
HONEYWELL ROBOTICS

ERIC HARTY, VICE PRESIDENT, ROBOTIC
SOLUTIONS OFFERING, HONEYWELL ROBOTICS



PRESENTERS



Sonia Jose

Senior Product Manager, Honeywell Robotics

Sonia joined Honeywell Intelligrated 6 months ago and brings extensive experience in automation and mobile robotics with her. In her current role, she is responsible for mobile robotic and each picking solutions.

Prior to Honeywell Intelligrated, she held a senior product management position at Bossa Nova, where she was responsible for robotics including market intelligence and go-to-market strategies. She also spent 7 years at ABB in various roles from project management to engineering.

Sonia holds an MBA from University of Michigan and a BS in Mechanical Engineering from Iowa State University.

PRESENTERS



Eric Harty

Vice President, Robotic Solutions Offering, Honeywell Robotics

Eric brings more than 15 years of international experience to Honeywell Intelligrated, with a strategy and marketing background in developed and emerging markets. In his current role, he is responsible for Robotics Solutions Offering, developing and executing the robotics offering, ranging from fixed robotics to mobile robotics in ecommerce, retail, parcel and micro-fulfillment environments.

Prior to his current role, he led strategic marketing, developing the company's global growth strategy focused on organic growth through The Connected Distribution Center and Robotics, as well as inorganic growth through M&A and Venture Capital investments. Before joining Honeywell Intelligrated, Eric led strategy and marketing for Honeywell in Turkey and Central Asia. He has previous experience as a strategy consultant at Booz & Company and as director of strategic planning at Siemens.

Eric holds an MBA from the Ross School of Business at the University of Michigan and a bachelor's degree in environmental engineering from Tulane University.

The Challenge:

E-COMMERCE GROWTH IS DRIVING MORE RETURNS



The Challenge:

**SORTING/
TRANSPORTING
RETURNS
REQUIRES TIME
AND LABOR**



The Challenge:

SIMILAR CHALLENGES IN KITTING



The Challenge:

SCARCE LABOR

There aren't enough workers to meet increasing demands for speed and volume.



POLLING QUESTION

What do you see as the biggest challenge impacting your returns operation?

- Sorting and transporting of goods
- Delays and errors in processing
- Scarce labor
- Other

The Solution:

AUTONOMOUS MOBILE ROBOTS (AMRS)

SMART ROBOTICS THAT MAKE YOUR FACILITY WORK BETTER:

- Any workflow
- Any facility
- Minimal IT/infrastructural changes





INCREASE PRODUCTIVITY

- Automate cart movement
- Redeploy scarce labor

GOES ANYWHERE A CART CAN GO

Little or no human intervention



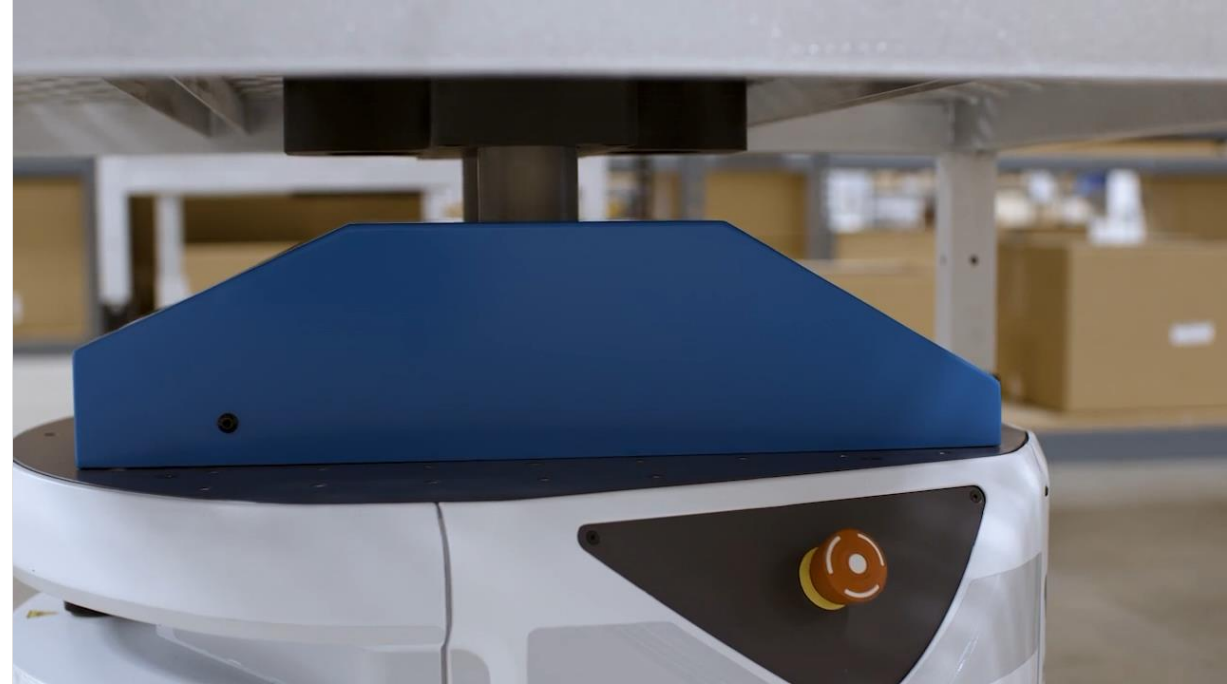


SEAMLESS INTEGRATION

Minimal changes to existing
infrastructure

UNCOMPROMISING SAFETY

Safely avoids obstacles and workers





ANY WORK

ON DEMAND
FETCH R

SCALABLE AND FLEXIBLE

- Supports many workflows
- Scales quickly
- Fast ROI

ELIMINATES ERRORS AND WAIT TIME

Connects to MES or WES





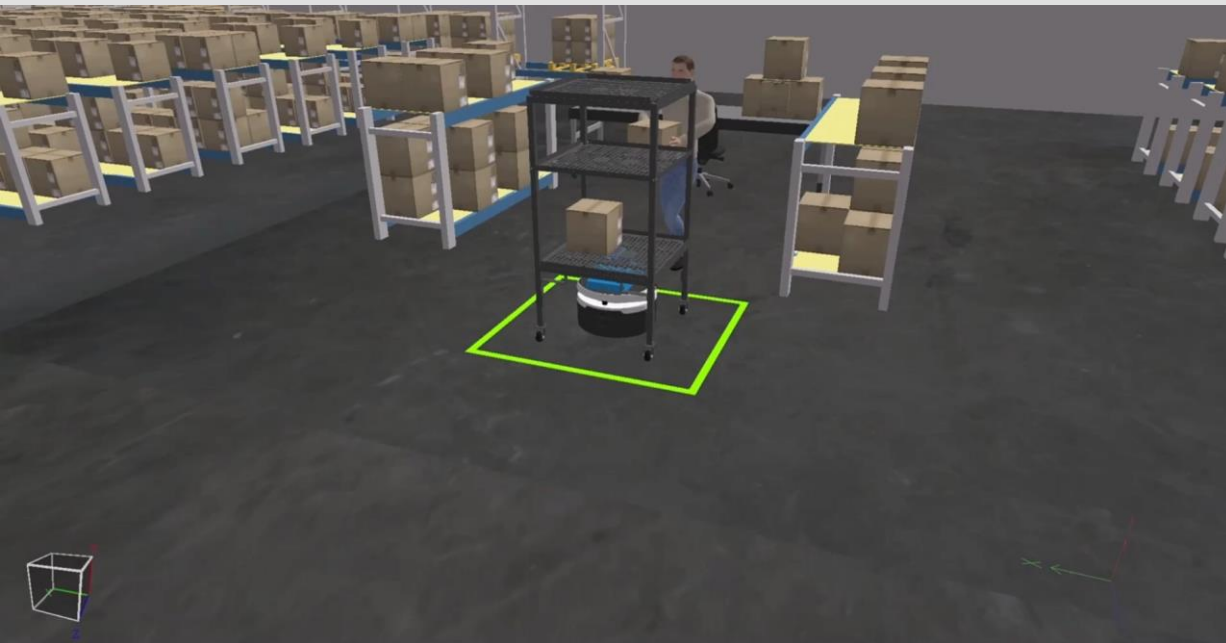
PICKING TECHNOLOGY INTEGRATION

Improves accuracy and efficiency

USE CASES

RETURNS/REVERSE LOGISTICS

- Reduce the number of operators needed for transport
- Seamlessly orchestrate goods movement



KITTING

- Connects directly to MES or WMS system
- Eliminates wait times
- Increases accuracy

AMRS DELIVER SIGNIFICANT BENEFITS BY AUTOMATING CART MOVEMENT



Increase reliability

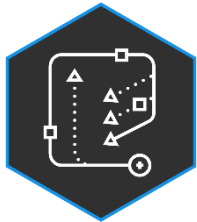


Improve flexibility



Maximize productivity

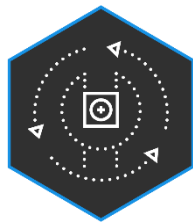
QUESTIONS?



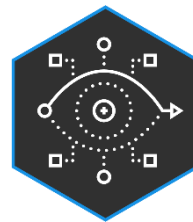
Conveyor &
Sortation
Systems



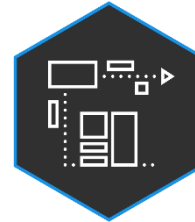
Fulfillment
Technologies



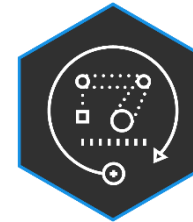
Lifecycle
Support
Services



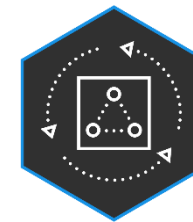
Operations &
Solutions
Development



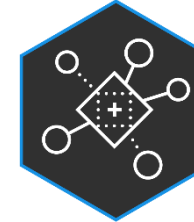
Palletizing &
Depalletizing



Robotic
Solutions



Software
Solutions



The Connected
Distribution
Center