

Revolutionizing Fulfillment Efficiency: Unleashing the Potential of AMR-Assisted Picking

Zebra Robotics Automation

April 2025



Presenters





Kyle Thompson is the Co-Founder of Encore Fulfillment, where he drives Business Strategy and Development to ensure the company's competitive edge in the logistics industry. With a keen eye for innovation, Kyle leads Technology and Integrations, implementing cutting-edge solutions that streamline operations and enhance customer experiences. His strategic oversight in Sales and Marketing propels Encore Fulfillment's growth, building strong client relationships and expanding market presence. Kyle's leadership and vision are pivotal in positioning the company as a leader in third-party logistics.



Cody Upp is a supply chain automation executive who has shaped his career around mission-critical supply chain technology. He specializes in leading mid-stage, high growth commercial organizations that operate in the intralogistics space. He is currently leading the sales, marketing, and solutions design teams at Zebra Robotics Automation.





Hassle Free, Flexible 3PL for Growing Brands

Services

- E-commerce Shipping
- Wholesale Fulfillment
- Subscription Box Fulfillment
- Pick & Pack
- 2-day Shipping
- 3PL for Small Businesses
- Crowdfunding
- 3PL Warehouse
- Warehouse Management

Industries

- Sports Fulfillment
- Retail Fulfillment
- Apparel Fulfillment
- B2B Distribution and Fulfillment
- Cosmetic Fulfillment
- Supplement Vitamins Fulfillment
- Book Fulfillment
- Product Fulfillment
- Healthcare Fulfillment

Considerations: Automation Strategies for Modern Challenges



Drive efficiency, lower costs, and build a competitive advantage in the market

Identifying automation solutions that integrate seamlessly with our existing WMS and operational workflows

Researching ways to increase efficiency which leads to more capacity and better space utilization while improving cost metrics

Seeking a robotics partner with flexible, scalable solutions and a clear, compelling ROI model

Prioritizing low-lift deployments that accelerate time-to-value

Challenges Unlocked: Automation Advantages



Deploying AMRs for Fulfillment Operations



Robotics help reduce dependency on seasonal labor spikes and mitigate hiring challenges in tight labor markets



Automation drives consistency and efficiency across workflows, reducing errors and improving service levels for clients



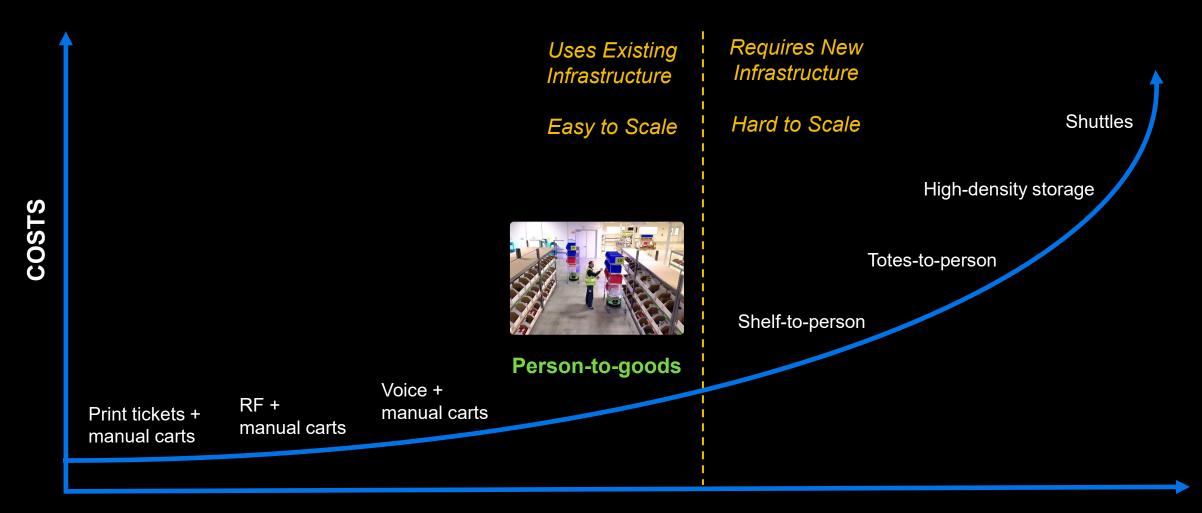
Robotics optimize movement and storage, allowing us to grow volume without needing to expand physical space



Automated systems enable data-driven insights and provide actionable data that help us continuously improve layout, staffing, and inventory strategies

Robotics Offer a Flexible Middle Ground for Fulfillment





THROUGHPUT AND COMPLEXITY

Zebra Symmetry Fulfillment



Three Strategies That Drive Down Your Cost per Unit Picked

Team Intelligence

Digitized Picker With Directed Workflows



Up to 300% More Capacity

Pick More Orders per Path



Detachable Carts

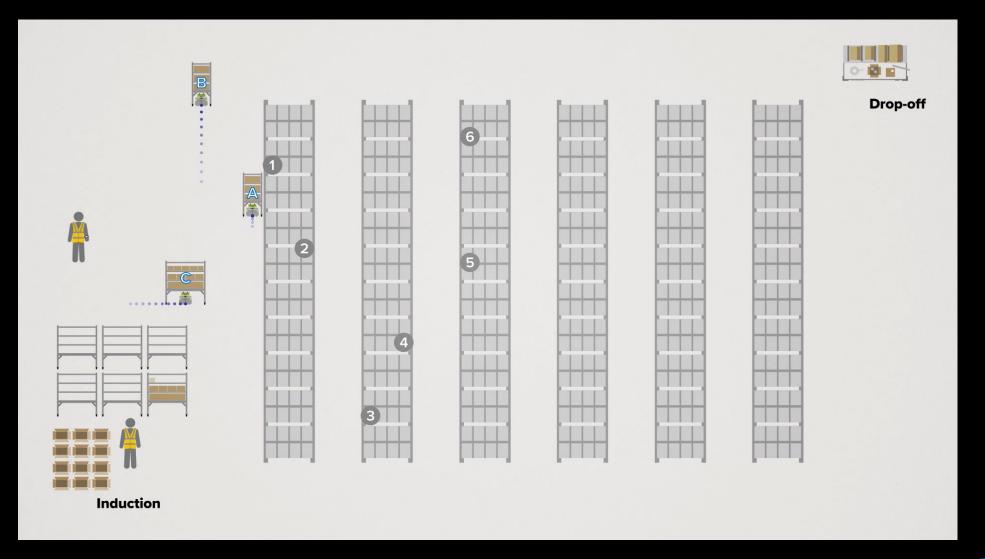
Utilization Balance



Team Intelligence in Action



No Guesswork. No Idle Assets. No Wasted Effort.



Agents: Assets the System Can "See", Manage and Coordinate

ZERPA.

Symmetry Knows Where They Are, What They Can Do, and When They'll Be Free

Pickers



Wearables



Robots



Carts





Play Video

Robotic-Assisted Picking Engineered to Boost Your Profits

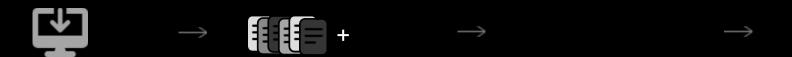


Powering Execution



Zebra Symmetry Software Optimizes Work Allocation



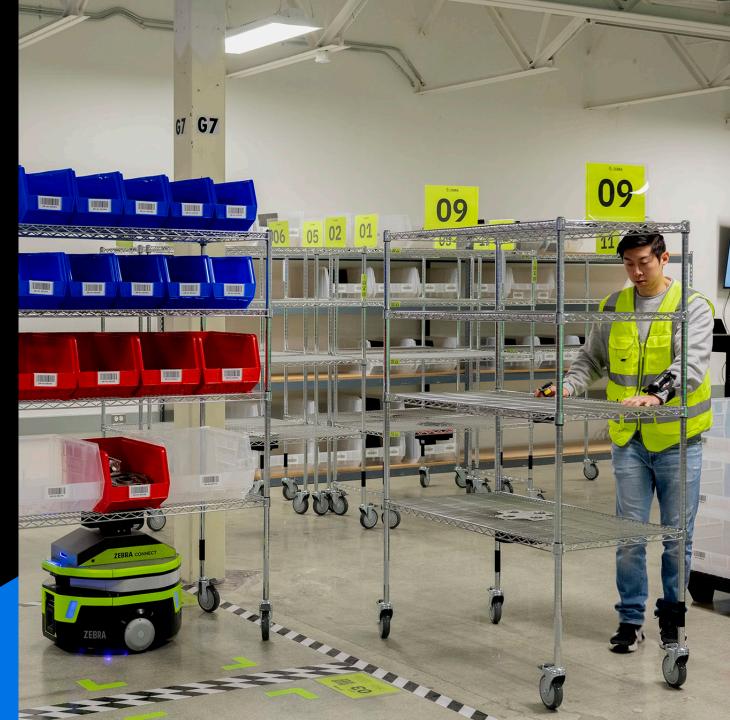




Encore Deployment

Results to Date

- The intuitive interface has enabled pickers to onboard in minutes, minimizing downtime and boosting early engagement.
- Even in late-stage deployment, we're already seeing measurable improvements in pick cycle times.
- The system provides actionable insights that inform decisions across labor planning, process optimization, and client strategy.



ZERRA TECHNOLOGIES

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Symmetry
Fulfillment at:



www.zebra.com/fulfillment

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