

Proven Robotics Optimization

Matthews Automation integrates best-in-class software, controls and light-directed technologies to enhance warehouse robotics operations as part of an orchestrated, MHE agnostic solution

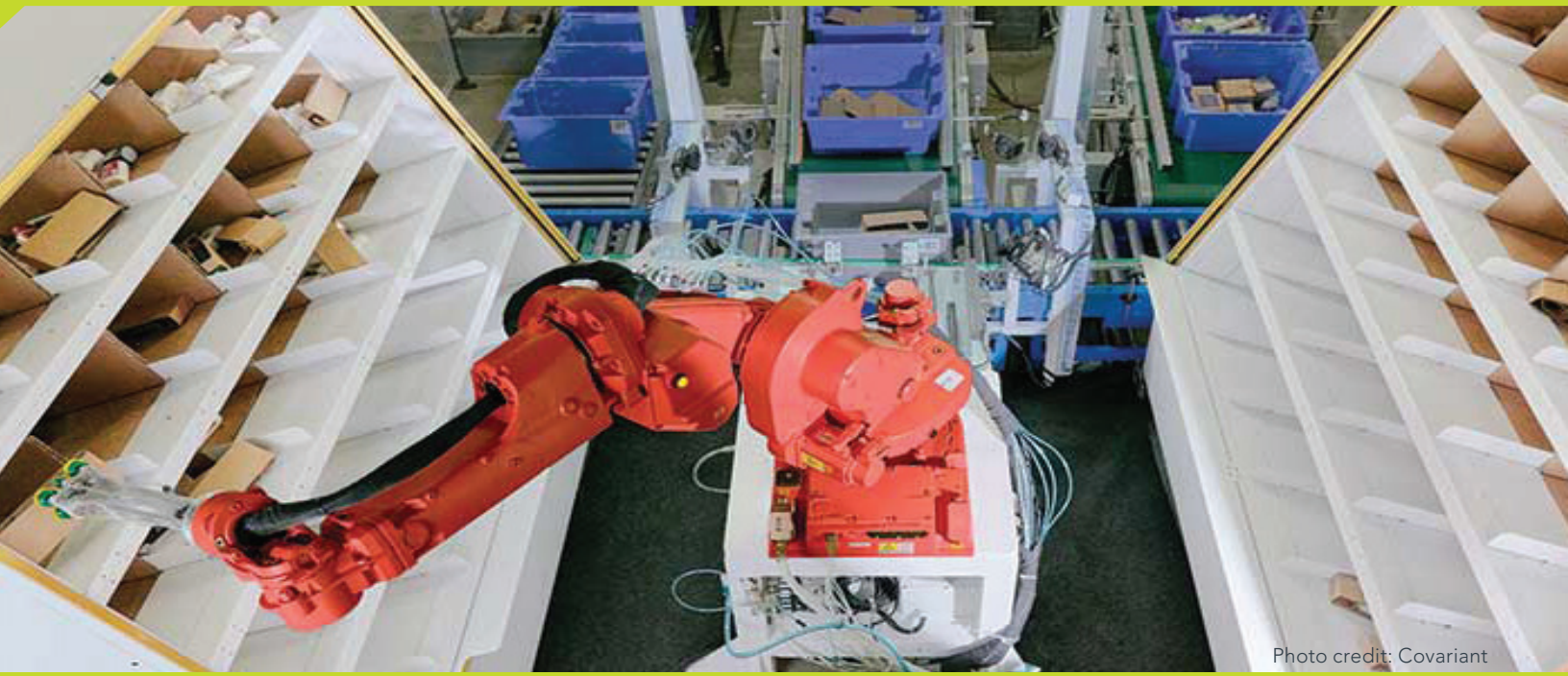


Photo credit: Covariant

Proven Implementations

With over 25 years in warehouse automation and 1000+ successfully implemented customer sites worldwide, Matthews Automation brings immense engineering and systems experience to cutting-edge warehouse robotics. Matthews' MHE agnostic approach and vast tier 1 WMS experience enables us to maximize material flow by connecting and optimizing discrete automation processes to make robots work better.

While we are known for robust warehouse execution systems, integrated controls and light-directed technologies to boost efficiency, Matthews has already enhanced robotics operations within a number of systems spanning multiple industries like:

- ▶ E-commerce
- ▶ 3PL
- ▶ Medical Supplies
- ▶ Food and Beverage/E-grocery

Matthews Automation's flexible and scalable warehouse software and advanced batching solutions add value and efficiency to many leading robotics brands, including:

- ▶ Covariant - Robotic Put Walls
- ▶ Berkshire Grey
- ▶ Exotec - Goods-to-Person
- ▶ Locus - Picking
- ▶ CAJA
- ▶ AutoStore - AS/RS integration to AMRs
- ▶ Tompkins - T-Sort
- ▶ Columbia - Robotic Palletizer
- ▶ BPA - Robotic Arm
- ▶ Guidance Automation - AMRs
- ▶ OTTO Motors - AMRs



Matthews
AUTOMATION SOLUTIONS

Robotics Experience

AMR Integration

Matthews implements autonomous mobile robot (AMR) cart-based picking, like RF cluster picking and integrated light-directed picking. The warehouse execution system interfaces with the AMR Fleet Management System to create pick tasks, distribute them to the AMR fleet and execute picks - resulting in up to 3X picking efficiency.

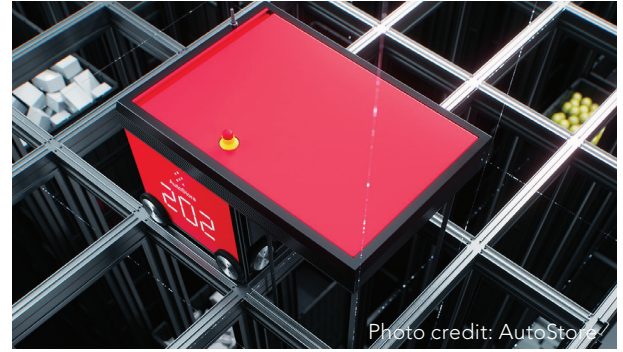


Photo credit: AutoStore

Robotic Arm Integration

Robotic arm applications such as robotic put walls and palletization compliment manual processes and enable lights-out fully-automated facility operations. Matthews software passes data and instructions to the robotic arm. Matthews assigns and tracks SKUs to pallet positions and cubby locations. In one system, Matthews manages 12 robotic put walls, picking over 10,000 items per month.



Robotic Case Packing Integration

Matthews interfaces to robotic packing cells to pass data and instructions. Matthews manages autoboxing of manufactured products coming directly from production lines. Through the process, Matthews tracks the product through the automated packaging and prints and applies case labels to the finished cases. This reduces opportunities for human error and reliance on seasonal labor by 75%.

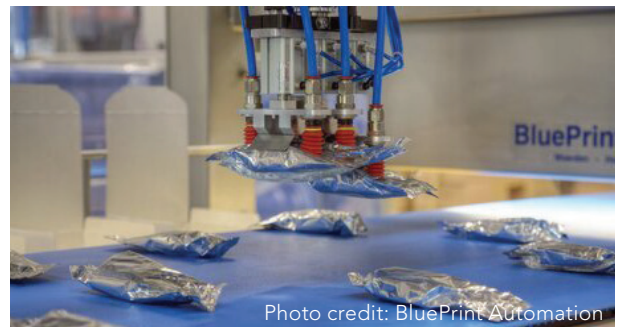


Photo credit: BluePrint Automation

Let's talk about your application.

MATTHEWS AUTOMATION SOLUTIONS

5546 Fair Lane
Cincinnati, OH 45227
Tel: 513.679.7400
Toll Free: 800.679.7274
info@matthewsautomation.com
matthewsautomation.com



Matthews[®]
AUTOMATION SOLUTIONS