



Locus Array

Locus Array defines Robots-to-Goods (R2G) automation – autonomous fulfillment that puts flexibility first. Powered by physical AI and orchestrated through LocusONE™, Array senses, decides, and acts in real time to reduce manual touches, optimize workflows, and deliver predictable throughput.

OPERATIONAL WORKFLOWS

- Induct & Drop-off
- Discrete & Batch Picking
- Pick & Pass
- Tote & Item Putaway
- Empty Tote Removal
- Deplen
- Re-slotting
- Consolidation
- Inventory Checks

OPERATIONAL OUTCOMES

- Reduce fulfillment labor by up to 90%
- 24/7 operation
- Ultra-low cost per pick
- Double storage density vs. manual



WHY LOCUS ARRAY

- Flexibility-first automation**
AI-driven vision for diverse SKU profiles. Dual-sided aisle access. 6 active order totes per robot.
- Density with accessibility**
Use vertical storage up to 10 feet while maintaining full SKU availability.
- Predictable performance**
Applied AI drives consistent, machine-like throughput while reducing reliance on variable labor.
- Physical AI**
Trained on real-world data, the system improves with every movement to deliver measurable gains in throughput, efficiency, and cost.

POWERED BY LOCUSONE™

Locus Array operates within the LocusONE platform, coordinating robots, people, and workflows across the warehouse. Pick & Pass enables seamless flow for 100% SKU coverage and continuous optimization.

- Locus Origin**
Collaborative in-aisle picking for high-velocity items
- Locus Vector**
Picking and transport for heavy, bulky, or non-conveyable goods
- Locus Array**
Fully autonomous picking & fulfillment workflows