

SUCCESS STORY: THIRD-PARTY LOGISTICS

# APL Logistics: Strengthening Productivity and Accuracy with a More Flexible Operational Foundation

## From Labor-Reliant Picking to AMR-Powered Fulfillment

Operating in more than 60 countries with over 6,000 employees, APL Logistics manages complex fulfillment environments across retail, industrial, automotive, and consumer sectors. As labor costs rose and order profiles became less predictable, the organization sought an automation strategy that could improve performance while supporting continued global growth.



### The Challenge

APL Logistics needed to reduce reliance on labor while increasing throughput, visibility, and order accuracy across diverse customer requirements. Real estate constraints placed added pressure on existing space, while emergency orders requiring turnaround times as short as 1.5 hours demanded faster execution. Leadership prioritized a proven automation solution that could deliver measurable ROI while supporting long-term operational growth.

### The Solution

APL Logistics first deployed Locus Robotics' Origin autonomous mobile robots at a Woodridge, Illinois, facility to support scalable workflows and improve the overall movement of work throughout the warehouse. To further expand capability, Locus Vector robots were later added to handle bulk-picking tasks, and the combined mixed-robot fleet has helped unlock additional capacity across the operation. Building on the strong results at Woodridge, the end customer partnered with APL Logistics to launch a second facility in Atlanta, Georgia, where Locus Origin robots handle most of the small-parts volume.

## Key Results: Productivity, Accuracy, and a More Flexible Operational Foundation

122%

increase in picking productivity at the Woodridge facility

Days to  
Hours

training reduced from days to hours, enabling faster workforce readiness

1.5h

turnaround time on emergency orders, with stronger order prioritization to meet tight shipping deadlines

Within three months of go-live, APL Logistics partnered with Locus Robotics to optimize workforce strategies and unlock full productivity benefits while refining processes through operational data insights. Following early success in the U.S., APL Logistics is expanding its automation strategy into Europe with an apparel customer and designing future operations around robotic workflows, positioning the organization to scale efficiently as customer demand evolves.



### Transform Your 3PL Operations

Discover how Locus Robotics' flexible automation can help you achieve similar results with a scalable model built for your unique logistics constraints.

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