

## Case Study



Retail

Roboshuttle

Tote-to-Person

### The Challenge

- Storage Constraints: Limited capacity in traditional warehouse setups.
- Diverse Inventory: Needed to handle various product sizes and types.
- Manual Inefficiencies: High costs and delays from manual inventory processes.
- Fulfillment Demands: Required speed, accuracy, and safety in operations.



### Geek+ Solution

- Solution Deployed: Tote-to-Person
- RoboShuttle + P40 Robots: Optimized dense storage and efficient picking.
- Four-Way Shuttles: Maximized vertical and horizontal storage space.
- Smart Tally System: Automated inventory distribution for faster outbound orders.
- Safety Enhancements: Robots adjusted picking heights to reduce operator fatigue.

### Geek+ Impact

- Space Utilization: Increased by 40%, maximizing warehouse capacity.
- Storage Capacity: Grew by 200%.
- Efficiency: Picking speed improved by 50%.
- Labor: Labor costs reduced by 50%.
- Accuracy: Achieved 99.99% precision.
- Sustainability: Low-carbon, noise-free system.

### About Customer

Comix Group, established in 1991, specializes in government and enterprise procurement services. Operating in over 120 countries, Comix delivers comprehensive solutions tailored to enterprise needs.