

## Case Study



3PL

P800

Shelf-to-Person

### The Challenge

- Operational Scalability: Handling rapid e-commerce demand fluctuations efficiently
- Fulfillment Complexity: Managing inbound and outbound logistics with speed and minimal errors
- Customer Expectations: Maintaining agility, accuracy, and resilience amid evolving market needs



### Geek+ Solution

- RoboShuttle® Tote-Picking Robot: Autonomously retrieves totes and delivers them to picking stations
- Collaborative Robot Arms: Pick, pack, and prepare items for outbound delivery alongside RoboShuttle®
- Real-Time Performance Monitoring: Dashboards track operational metrics and support data-driven decisions



**Yingchuan Huang**

Innovation Manager, DHL  
Asia Pacific Innovation  
Center



The Geek+ exhibit is the perfect showcase of how technologies such as AI, Computer Visioning, and Robotics are converging to provide greater value to our customers' supply chains."

### Geek+ Impact

- Enhanced Efficiency: Faster fulfillment cycles capable of scaling for high-volume e-commerce
- Unmatched Accuracy: Automated systems reduce human error, ensuring precise logistics operations
- Operational Visibility: Real-time dashboards provide comprehensive workflow insights
- Future-Ready Logistics: Agile, modular automation model suitable for global replication



### About Customer

- DHL, the world's leading logistics company, operates across 220+ countries and territories, offering services including express delivery, freight forwarding, e-commerce solutions, and industrial supply chain management.

Contact Us

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