

## Case Study



3PL

P800

Shelf-to-Person

### The Challenge

- Rapidly increasing sales of shoes and clothing leading to long walking distances for warehouse staff
- Aging population causing labor scarcity and rising labor costs
- Need for smoother, more efficient warehouse operations



### Geek+ Solution

- 2017 Deployment: 30 P500 P-series robots and 800 racks in a 2,600m<sup>2</sup> area
- 2018 Expansion: Added 90 robots and 2,400 racks, expanding warehouse to 8,000m<sup>2</sup>
- Optimized workflows and reduced dependency on manual labor

### Geek+ Impact

- Warehouse Area: 8,000m<sup>2</sup>
- AGVs: 120 P500 robots
- Racks: 3,200 sets
- Working Stations: 12
- Warehouse efficiency significantly improved over two years
- Workforce reduced from 20 to 4 staff using only 30 robots initially
- Enhanced brand reputation, attracting globally recognized clients

### About Customer

- ACCA, the logistics arm of Daiwa House Group, is a leading 3PL in Japan. It leverages robotic automation to enhance warehouse efficiency and support growing e-commerce operations.