



Pick the Winning Path

Reduce your cost per unit with a smarter collaborative robotic workflow for fulfillment



The Evolution of Collaborative Fulfillment

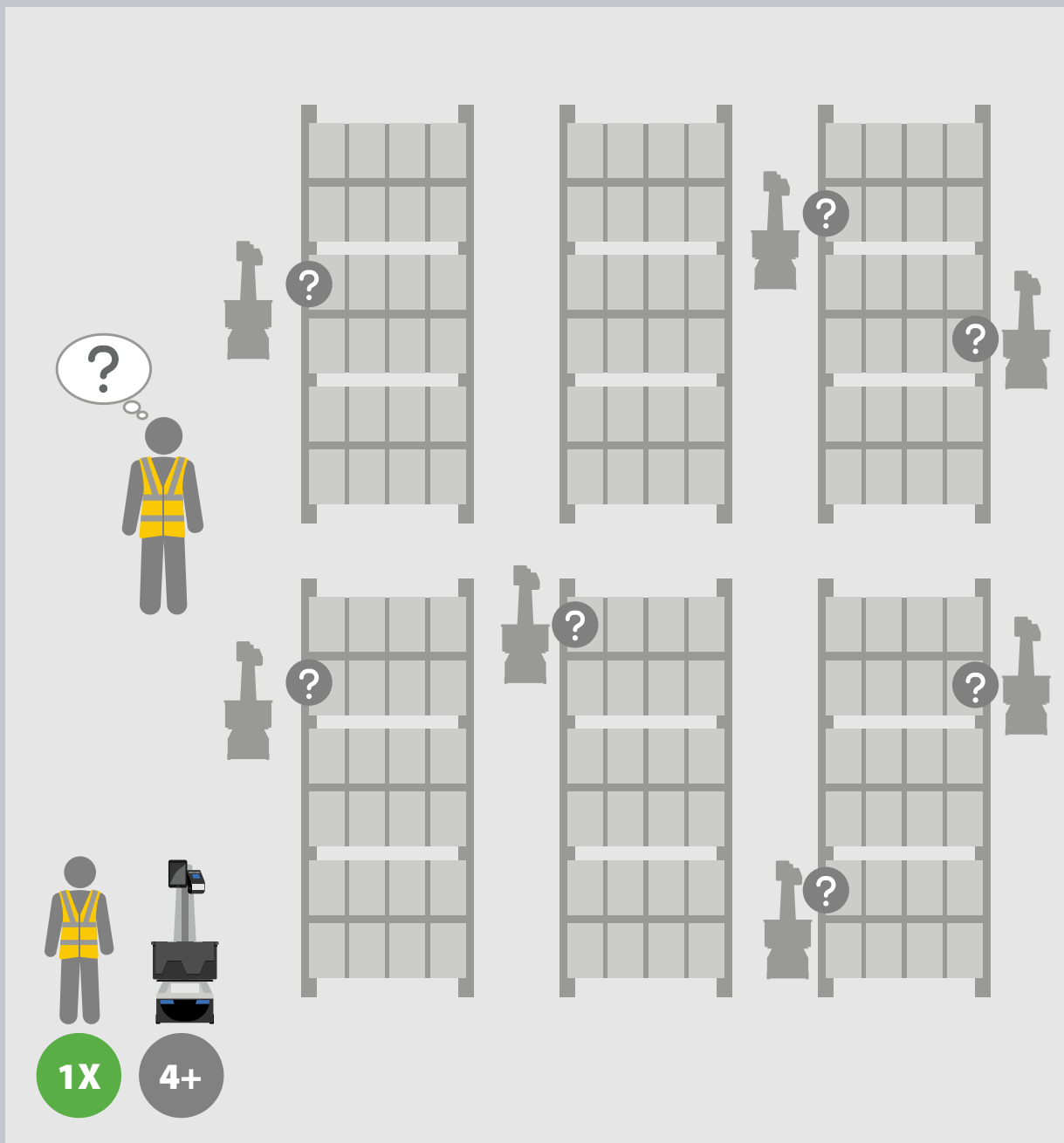
Although autonomous mobile robots (AMRs) brought about a revolution in fulfillment, innovation stalled for a decade — until now. AMR solutions available to you today are needlessly expensive, restrict utilization, and aren’t structured to maximize your profits.

The Team Intelligence methodology delivers faster, simpler and smarter picking that drives down your cost per unit.

2012: Swarm

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Undirected, Unbalanced, Low Utilization

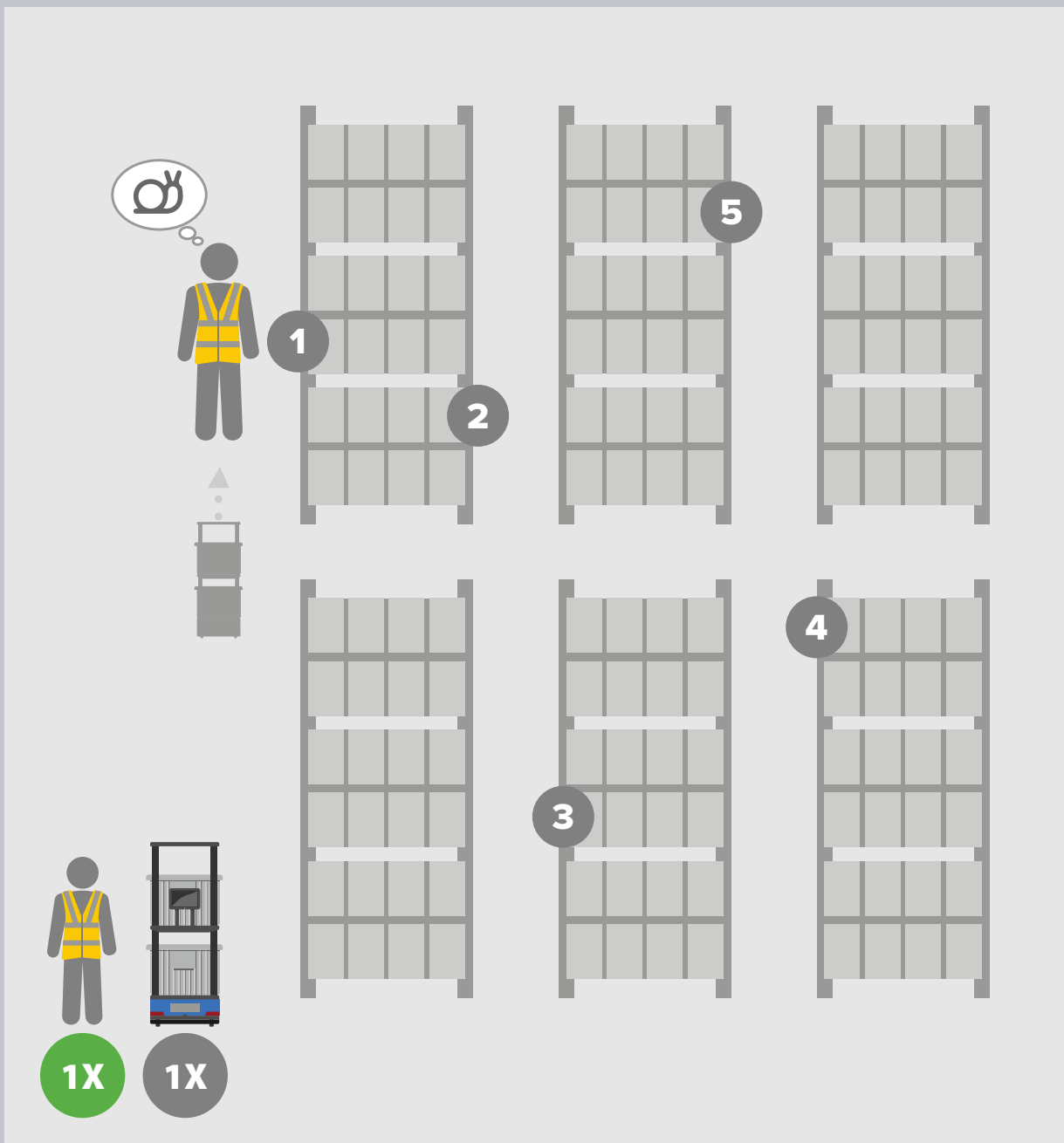


Although Swarm coordinates AMRs to work collectively, the system is notoriously chaotic and confusing. Workloads are unbalanced and underused robots spend time waiting for undirected workers to find them.

2015: Follow Me

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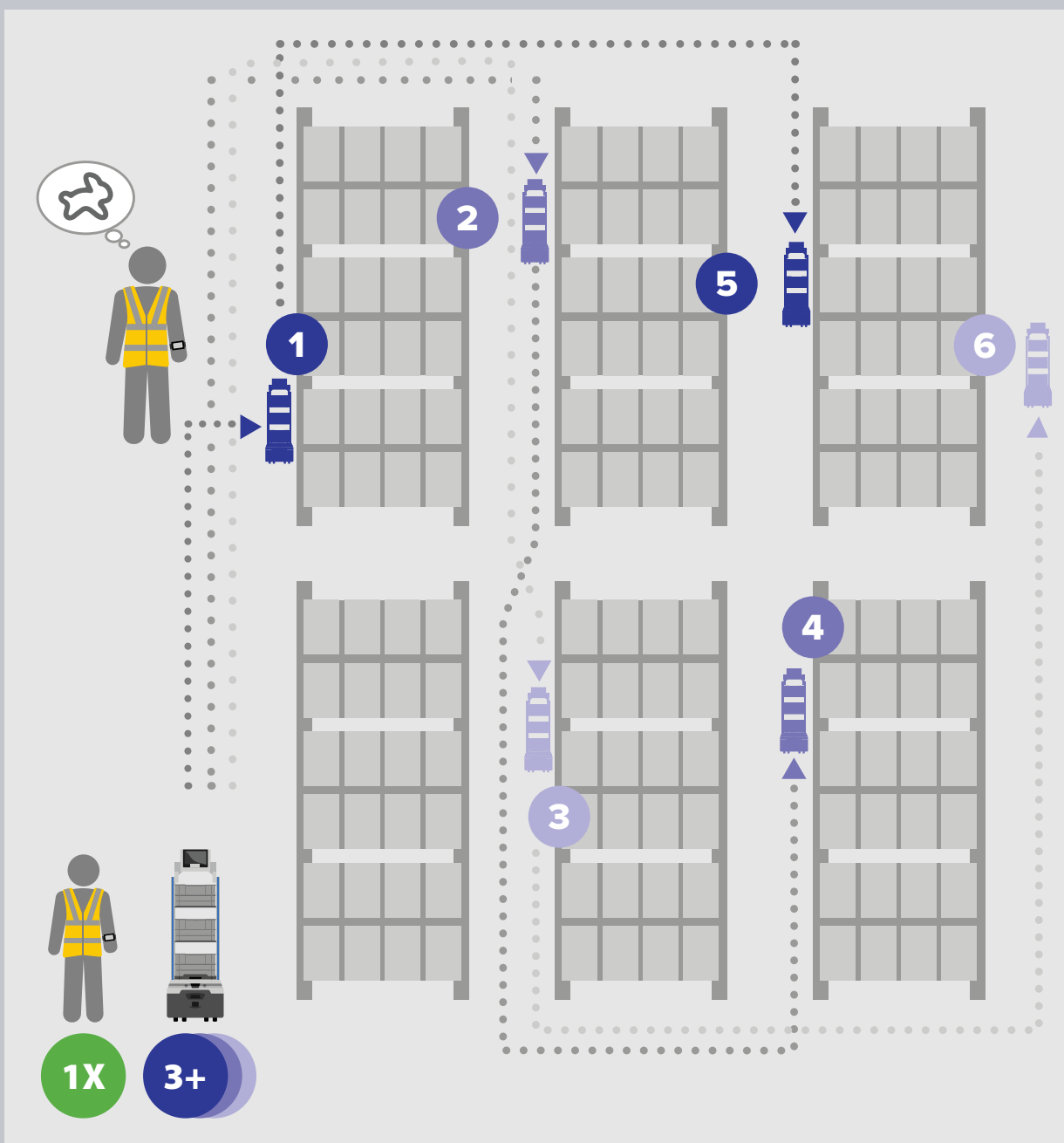
Pickers Restricted to Robot Speed



Pickers can only interact with the AMRs that they are following, and the robot restricts the speed. Guidance is limited and fast workers are held back.

2024: Team Intelligence

Directed, Precise, Maximum Utilization



Team Intelligence wearables precisely direct the picker on an optimized path. Teams of AMRs “leapfrog” to ideal locations ahead of human workers, allowing more items to be picked in less time.

< The Evolution of Collaborative Fulfillment

A woman wearing a yellow safety vest and blue jeans is standing in a warehouse aisle. She is holding a handheld device in her right hand. A green and black mobile robot is positioned in front of her. The aisle is lined with metal shelving units. Some shelves have blue bins, and others have red bins. There are also cardboard boxes on the shelves. A yellow sign with the number '07' is visible on a shelf to the left, and a yellow sign with the number '08' is visible on a shelf to the right. The background shows more shelving units and a fire extinguisher on the wall.

Unleash Optimization

The Team Intelligence methodology eliminates waiting for robots and pickers. This reduces picking times, boosts accuracy, and increases robotic utilization. Orders from your WMS are evaluated, batched and allocated to the nearest team along the most efficient pick paths. Wearable devices provide workers with real-time guidance and information, helping them navigate and perform their tasks more efficiently.

Cloud-based Zebra Symmetry™ software increases pick performance and density by optimizing your most valuable resources: workers and robots.

Unexpected changes or rush orders? The entire system can adapt at a moment's notice.

< **Unleash Optimization**

Pick **Faster**



Pick **Simpler**



< **Pick Simpler**

Pick Smarter



< **Pick Smarter**

Reduce Your Costs With Zebra Symmetry Fulfillment

- Reduce travel and physical effort
- Keep operators on task
- Increase pick density, throughput and accuracy
- Eliminate wasted time for workers and robots
- Train new pickers in minutes
- Put operations leaders back in control
- Prioritize work in shifting conditions
- Maximize your WMS investment
- Eliminate redundant costs
- Make smarter decisions with Symmetry insights



The Winning Path Is Clear

The Team Intelligence system overcomes traditional fulfillment AMR limitations, helping you achieve greater throughput and lower costs per unit.

Reach out today to explore how you can create a highly efficient and productive workflow that benefits from the strengths of both human workers and advanced robotics.



< **The Winning Path
Is Clear**