

# Winit Increases Storage Density 2x, Picking Efficiency 4x With ASRS

## HAI ROBOTICS

### About Hai Robotics

Established in 2016, Hai Robotics is committed to gathering global talents to push forward the progress of human civilization using robotics technology. Its goal is to empower every warehouse and factory with logistics robots. The HaiPick solution is the world's first autonomous case-handling robot (ACR) system. Unlike other existing autonomous mobile robot solutions, it intelligently identifies desired totes and cartons, rather than the entire rack, and autonomously brings them to the workstation.

With HaiPick, you can automate your warehouse within one to two months. HaiPick has increased warehouse operation efficiency by three to four times and storage density by 80% to 400% for clients including DHL Supply Chain, BEST Supply Chain, Philips, and many others. The robotic warehouse solutions have been implemented in various industries, including fashion, 3PL, retail, electronics, healthcare, and e-commerce.

40748 Encyclopedia Circle  
Fremont, CA 94538  
TEL: +1 (510) 573-0295  
Email: [us-sales@hairobotics.com](mailto:us-sales@hairobotics.com)  
[hairobotics.com](http://hairobotics.com)  
[youtube.com/@hairobotics](https://youtube.com/@hairobotics)



### Growth & Impact



**50,000**  
Daily  
Processing  
Pieces



**99.99%**  
Picking  
Accuracy



**3-4 times**  
Improved  
Warehouse  
Efficiency

# Winit Increases Storage Density 2x, Picking Efficiency 4x With ASRS

Winit needed to improve its warehouse operational efficiency and reduce costs. Hai Robotics provided a mature and stable solution to meet the requirements.



## Project Background

Winit (Shanghai) Information Technology Co., Ltd. is a leading provider of cross-border e-commerce solutions, offering overseas warehousing and distribution services in Australia, the United States, and Europe.

With a focus on helping Chinese sellers localize their operations abroad, Winit aims to reduce the time it takes for goods to reach the final buyer, thereby enhancing customer satisfaction and sellers' overseas competitiveness.

## The Solution

As Winit's business grew rapidly, the company needed to improve operational efficiency and reduce costs due to high labor costs in the UK. Winit's warehouse handles a variety of goods, necessitating the need to improve inventory storage density.

As it has been informed that Hai Robotics' ACR system has been successfully implemented in multiple overseas projects in the e-commerce industry, Winit is confident in the project collaboration.

## Rapid Operations

- Average efficiency of the picking workstation can reach 450+ pieces
- Daily processing capacity can reach 50,000 pieces

## High Storage Density

- After implementing the HaiPick system, Winit's British warehouse can double its storage density and store more than 10 totes per unit area

## Precise Prompts, Efficient Selection

- The system achieves a 3-4 times increase in picking efficiency via automatic identification of totes, and designing different picking schemes for different orders

## High Utilization

- Flexible tote division allows for the adjustment of 1/2/4/8 grids based on commodity size — doubling the storage capacity of divided totes

# HAI ROBOTICS