

# The next generation of sortation

Robotics-as-a-service

The smarter way to deploy robotic solutions in your warehousing operations **GRS** solutions have been implemented on logistics sites across Asia, Europe and North America, and helps the logistics industry to overcome the barrier of uncertainty and accelerates the adoption of automation.





150 million+ cumulative RaaS services provided



3500+ robots deployed



Installations in 3rd-Party Logistics, Footwear & Apparel, Express Services, Beauty & Cosmetics, Cold Chain, **Clothing and Automotive Components** 

Roughly 75% of companies plan on using some type of robotic automation within their warehouses by 2027

> reports a study by Gartner, entitled Hype Cycle for Mobile Robots and Drones, 2023



## **GRS – Global Robotics Services** a GLP Company

Real estate and technology are becoming increasingly interconnected, improving the performance and productivity of logistics operations throughout the world.

GLP is dedicated to investing and developing innovative new technologies and services that enhance businesses and assets by making them smarter and more efficient.

GRS is a new innovative subscription service that improves the productivity of logistics operations through robotics.

E-commerce is increasing pressure on traditional sorting methods and the need to automate processes to help drive efficiencies and to keep up with demand.

GRS provides a solution that provides access to the benefits of robotics through an innovative subscription model, offering the flexibility of a pay-as-you-go solution, and avoiding any CAPEX expenditure.



#### **Tangible Value** for your Business

 Allows businesses of all sizes to leverage robotics technology through lower cost of entry

GRS

GRS

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- Subscription-based service model with flexible lease terms enabling your business to shift their Capex to Opex
- Flexibility to seamlessly scale up or down in response to changing market conditions
- Cost-effective peak management such as 'Double 11' and Black Friday
- Immediate manpower savings of up to 50%
- Includes the convenience of ongoing maintenance, support, and software upgrades

# **Case study 1** leading global express carrier company





GRS provided its Raas solution to a leading global express carrier, with a throughput volume of 20,000 units per hour.

The system is compatible with non-standard parcel shapes and sizes, leading to a sortable rate of 98%.





These gains in efficiency enabled a successful delayering of their operations, with sorted parcel distributed directly to delivery vans.

Thanks to the flexibility of the Raas model, throughput can quickly be increased with the deployment of additional sorting robots.



## **Case study 2** leading Japanese fashion brand



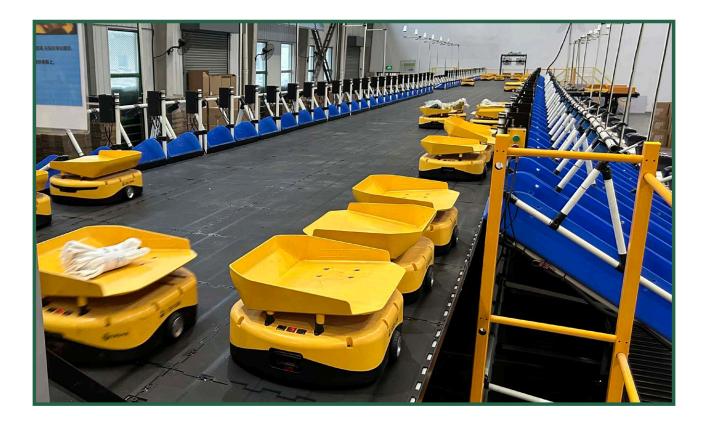


The installation of two triple-layered sorting platforms enabled this fashion brand to cope with the peak demand of 400,000 parcels per day during the 2022 "Double 11" sale. With RFID induction integrated into the sortation system, this 3D installation allows for 1,200 chutes in a small footprint.

Not only did this provide our partner with a 75% reduction in labour costs, but reduced 8-hour outbound pick-up times to only 3 hours, while increasing accuracy to 99.9%.



## Case study 3 e-commerce





GRS provided specialised robots for the sortation of shoeboxes, with a throughput volume of over 3,000 parcels per hour in only a 100 square meter radius, with an accuracy of 99.9%. Labour needs were also reduced by 60%.

Given the bespoke demands, the system has been equipped to manage open shoeboxes as well. Each of the bag chutes has been equipped with a detection sensor to signal when a bag has been filled.



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