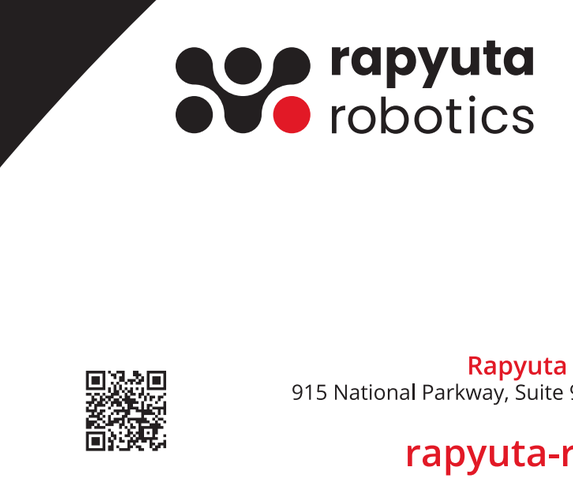


Rapyuta PA-AMR



Japan's #1 PA-AMR Solution

Proven Credibility

With over 60% market share in Japan, our PA-AMR solution is trusted by the nation's leading logistics providers. It is widely used by all top Japanese 3PL companies and global brands such as DHL and Nestlé for their local operations.

Interoperability for Enhanced Efficiency

Built on a common software stack, PA-AMR seamlessly integrates with ASRS to enable relay picking flows, optimizing efficiency across fulfillment operations. This streamlined process reduces handling time and improves overall warehouse productivity.

A Unique Offering

We are the only provider developing both PA-AMR and ASRS under one roof, delivering a solution that minimizes integration costs and ensures the best combination to fit unique operational needs. By combining these technologies, customers achieve maximum flexibility, efficiency, and cost savings in their automation strategy.

rapyuta robotics

Rapyuta Robotics, an ETH Zurich spin-off, stands at the forefront of cloud robotics and is recognized as the market leader in pick-assist Autonomous Mobile Robots (AMRs) in Japan.

With a rich heritage of innovation and with a comprehensive solution line-up that pushes the boundaries of flexibility and performance, Rapyuta Robotics is dedicated to making robots more accessible to everyone in the logistics industry.

Spin-off | ETH zürich

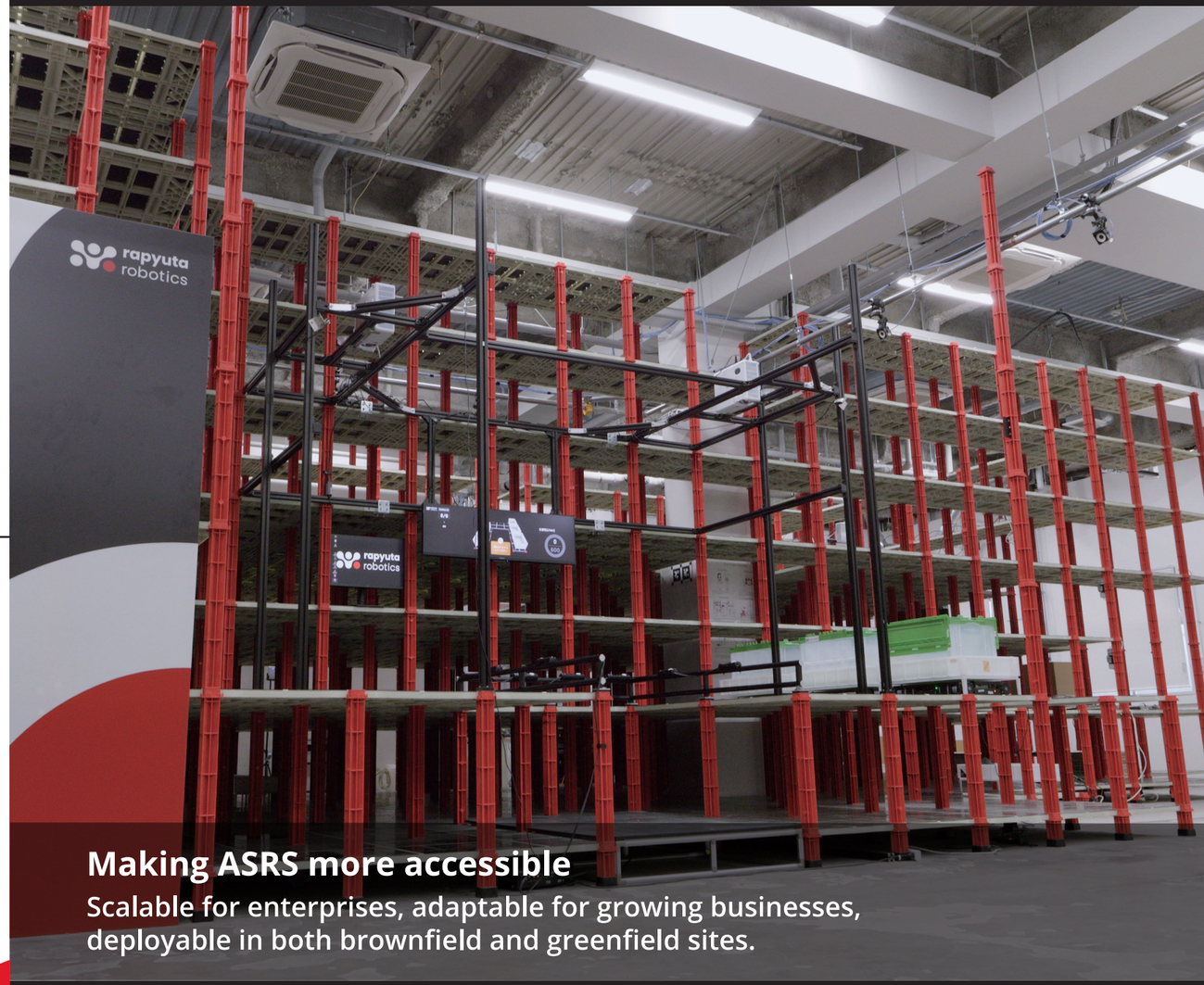
Rapyuta Robotics, Inc.
915 National Parkway, Suite 915-15, Schaumburg, Illinois 60173

rapyuta-robotics.com

rapyuta robotics

Pushing the boundaries of flexibility and performance

Rapyuta ASRS



Making ASRS more accessible

Scalable for enterprises, adaptable for growing businesses, deployable in both brownfield and greenfield sites.

Pushing the boundaries of flexibility and performance

Rapyuta ASRS

Flexibility

Today's logistics landscape demands adaptable infrastructure. Our modular ASRS ensures seamless deployment and scalability without disrupting operations.

- Versatile Adaptation: Configurable to various warehouse layouts.
- Phased Deployment: No need to halt operations.
- Dynamic Scalability: Expand or contract based on demand.

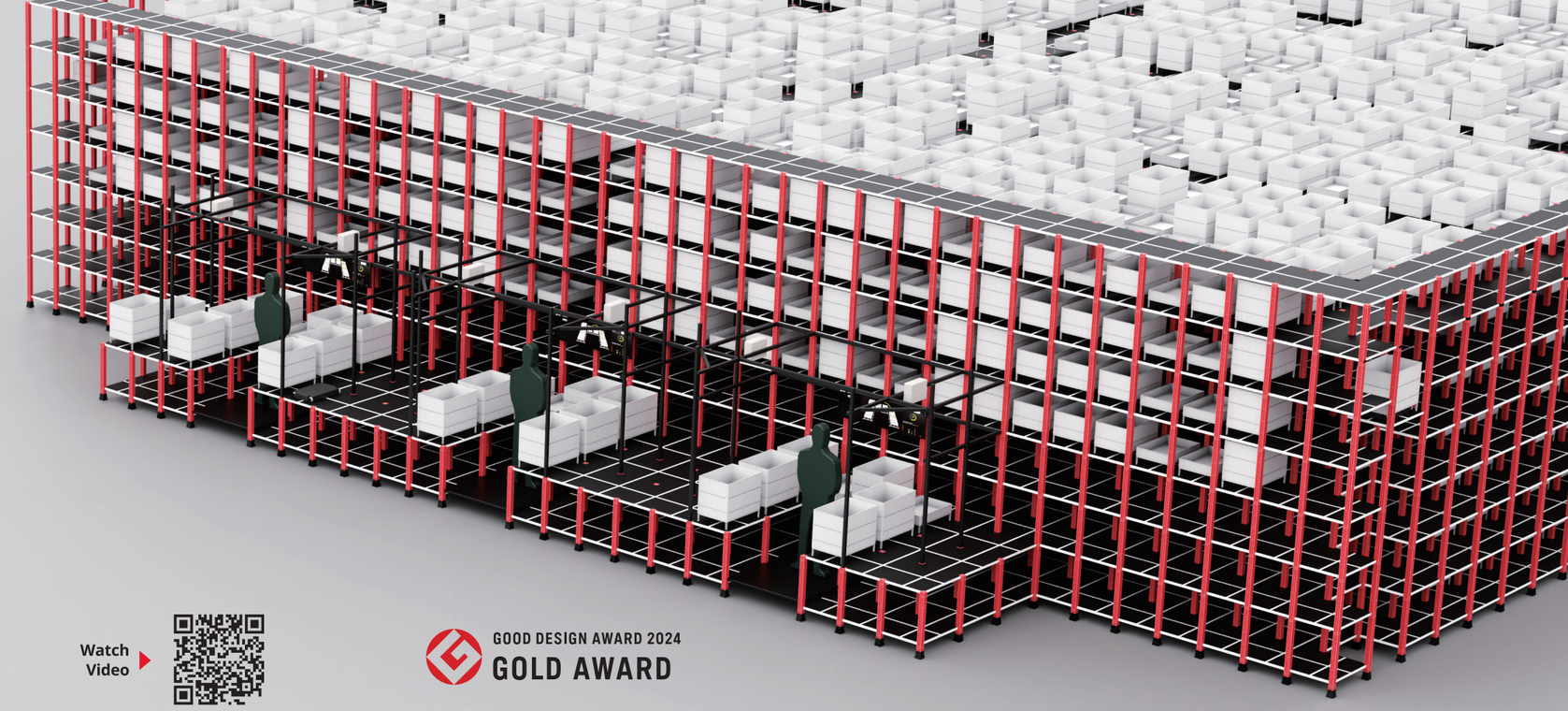
Our process flexibility goes beyond traditional ASRS. By handling order bins, we enable efficient post-picking workflows like order consolidation and phased drop-offs, accommodating diverse business needs.

Performance

Our ASRS delivers the highest retrieval speeds with:

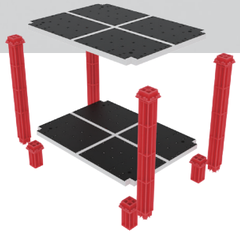
- Multi-level robot operation, ensuring continuous movement.
- Large robot fleet, optimizing throughput with minimal delays.

Our patented pick-station technology eliminates waiting time between picks, ensuring a continuous flow of bins to maximize efficiency. Handling order bins allows pickers to focus on their task, reducing errors and improving productivity.



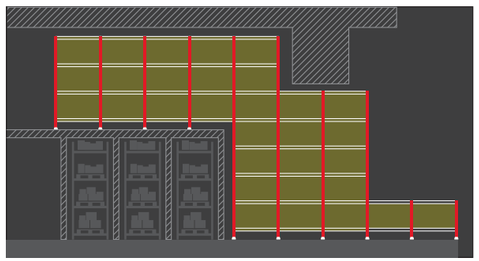
Watch Video

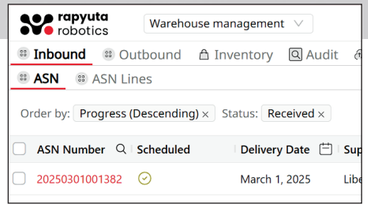
GOOD DESIGN AWARD 2024
GOLD AWARD



Industry-first modular design

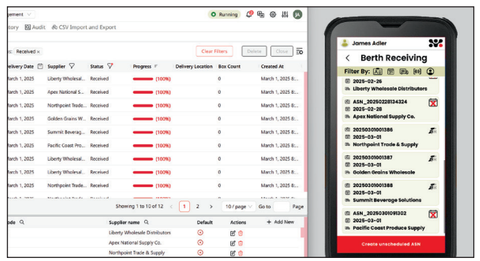
Assemble storage structures effortlessly with a snap-fit, column-free system for faster, lower-cost installation. Built with fiber-reinforced plastic (FRP), components are lightweight yet durable, ensuring high-density storage and operational flexibility.

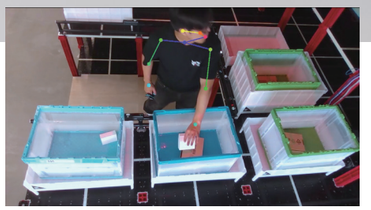




Batteries-included WMS functionality

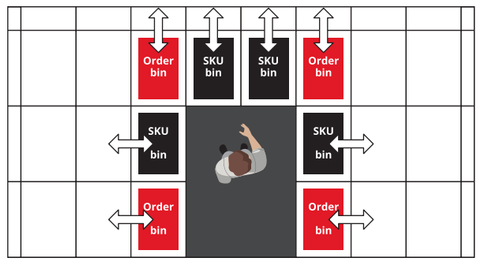
A fully featured Warehouse Management System (WMS) at no extra cost. Supports audit tracking, ASN management, and non-ASRS inventory handling, providing a seamless, end-to-end warehouse solution.





Modern, patented picking station

Unlike conveyor-based systems, bins surround the picker and move independently, allowing seamless retrieval without pauses. Fast, intuitive UX with wide-screen displays and projections ensures accuracy and efficiency for all workers.





Award winning multi-robot control and AI

A large fleet of robots operates across multiple floors, maximizing throughput. AI-driven fleet management optimizes bin movement for picking, stowing, and drop-offs, while built-in redundancy mechanisms ensure uninterrupted operations.

