

Autonomous Forklift Use Case

The use of autonomous industrial vehicles has proven to dramatically streamline efficiency, lower costs, and streamline operations. Autonomous forklifts address the shortage of skilled forklift drivers, and reduce labor costs. They efficiently drive to their programmed destination without damaging their load or surrounding infrastructure, and with no safety incidents.

Autonomous forklifts improve inventory management by solving the problem of human error when stacking items at predefined locations. Autonomous forklifts also bring the benefit of being able to place items onto freestanding stacks, retain flexibility and lower costs by moving away from conventional rack systems.

Cyngn's Autonomous Forklift is currently in the R&D phase with high confidence. This provides the customer the opportunity to influence the product specifications to their needs as it is being developed.

Autonomous Forklift Basic Use Case

Step 1:

Pull items off of the conveyor.



Step 2:

Place items onto freestanding stacks

Autonomous Forklift Use Case with API Integration to ERP:

Step 1: Order is sent to forklift

Step 2: Forklift deploys itself to pick up inventory

Step 3: Forklift delivers items to the next stop