

# ALIBABA SMART WAREHOUSE

A Fully-integrated smart  
warehousing solution

Support By

 Alibaba Cloud



# Automated Warehouse

## Case : Express Automated Warehouse

### Overview



With the surge in the logistic business due to the rising online commerce in Indonesia, in order to effectively ensure the timely processing of users' express delivery and reduce personnel costs, an automated warehouse can be added. The project can be planned on an area of **3,000 m<sup>2</sup>** and an Automated Guided Vehicles automation area of **1,500 m<sup>2</sup>**.

### Project Estimated Capabilities

Estimated Daily outbound of picking efficiency can reach **20,000 order/day** with 16 working hours.

### SUCCESSFUL PROJECT IN SOUTHEAST ASIA

- Flash Express Thailand successfully implemented full set of smart warehouse integrated services

### IMPLEMENTATION OF SMART WAREHOUSE SYSTEM

- Deployed solutions and process design will be customized according to Southeast Asian characteristics
- UX design with Southeast Asia's operators in mind

### DEPLOYMENT OF DEVICES ACCORDING TO WAREHOUSE ENVIRONMENT

- Box Parcel Conveying System
- Automatic Unpacking & Sealing Machine
- Packaging Robot
- Automated Guided Vehicles (AGV)

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## SOLUTION DESIGN

- Reduce Operational Cost
- Utilized Efficient And Suitable Hardware Equipment
- Advance Calculated AI Simulation



## INTEGRATION & IMPLEMENTATION

- Industrial Standard Integration
- Flexibility Interconnectivity
- Preventive And Predictive Maintenance



## INTELLIGENT OPERATION

- Automated SOP
- Intelligent Digital Management



Save labor cost with unmanned warehouse operator and keep only the key people



Optimal allocation of resources with better equipment utilization



Capability to cover ups and downs of operations in business



Data interconnection to achieve better decision making



Capability to visualize warehouse activities to enable better insight of the market

# WGS Integrated

Warehouse and warehousing automation is an area that we on PT Walden Global Services believes can be a way to spearhead digital transformation for every logistics distribution and manufacturing company in Indonesia. A region that sees e-commerce as one of the leading sectors in its internet economic growth. Therefore PT Walden Global Services is working with Alibaba Cloud to provide an automated warehouse solutions.



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