

# Warehouse Execution System

WES (warehouse execution system), optimizes order fulfillment processes by automating tasks such as order picking, inventory management, shipping and material handling automation leading to faster and more accurate order processing.



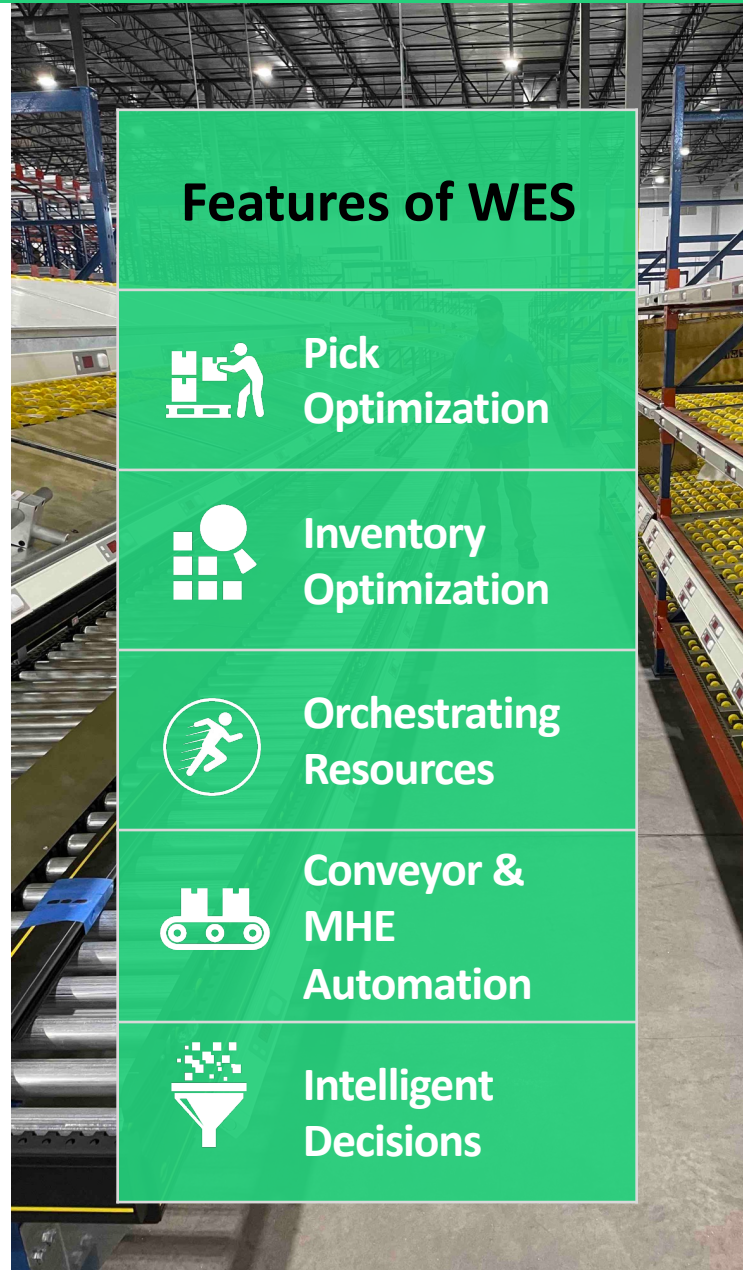
# What is a Warehouse Execution System

A Warehouse Execution System (WES) is a software solution that manages and optimizes the operational processes within a warehouse or distribution center. It acts as a central control system that coordinates and executes various tasks, such as order fulfillment, inventory management, and resource allocation, to ensure efficient and smooth warehouse operations.

The primary objective of a WES is to orchestrate and synchronize the flow of goods, information, and resources within the warehouse, improving productivity, accuracy, and customer satisfaction. It serves as a bridge between higher-level systems like Enterprise Resource Planning (ERP) or Warehouse Management Systems (WMS) and the physical processes occurring in the warehouse.

## The Problem we are solving

Basic warehouse logistics principles dictate that a properly orchestrate warehouse can dramatically reduce operating costs, shorten order fulfillment cycles and improves overall distribution center efficiency.



## Features of WES



Pick  
Optimization



Inventory  
Optimization



Orchestrating  
Resources



Conveyor &  
MHE  
Automation

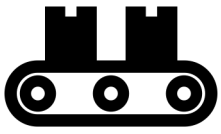


Intelligent  
Decisions

## Speak to an Expert

Warehouse Management

[www.jascicloud.com/contact](http://www.jascicloud.com/contact)



# MHE Automation

## Features

Many warehouses deploy material handling solutions for speed and efficiency. JASCI's approach is using a single platform that combines smarter real-time decisions making, eliminating silos of 3<sup>rd</sup> party technology that require complex integrations.

### Routing

Configurable conveyor routing with divert management & load balancing

### Scanning

Configurable in-line barcode scanning and identification equipment

### Weight Scales

Configure in-line weight scales for weight capture and order verification

### Print & Apply

Configure in-line print and apply stations for automated label applications

### Sortation

Sortation logic to assign lanes for orders. Enable round robin logic.

### Zone Divert

Configurable divert by zone logic for pick to light along with zone pass

### Trouble Lane

Mobile and desktop app to identify issues with orders that divert to trouble lane

### Round Robin

Configure round robin and allocation logic to balance the traffic in picking and shipping

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## Pick & Put to Light

Configurable light system built right inside JASCI. Configure picking and put to light process for higher efficiency. Combine conveyors, zone management and diverts for a fully automated environment.

