# Warehouse Workflow Technology

Industries first patented workflow technology. Basic warehouse logistics principles dictate that optimized workflow can dramatically reduce labor costs, increase inventory accuracy and shorten order fulfillment cycles, improving efficiency.
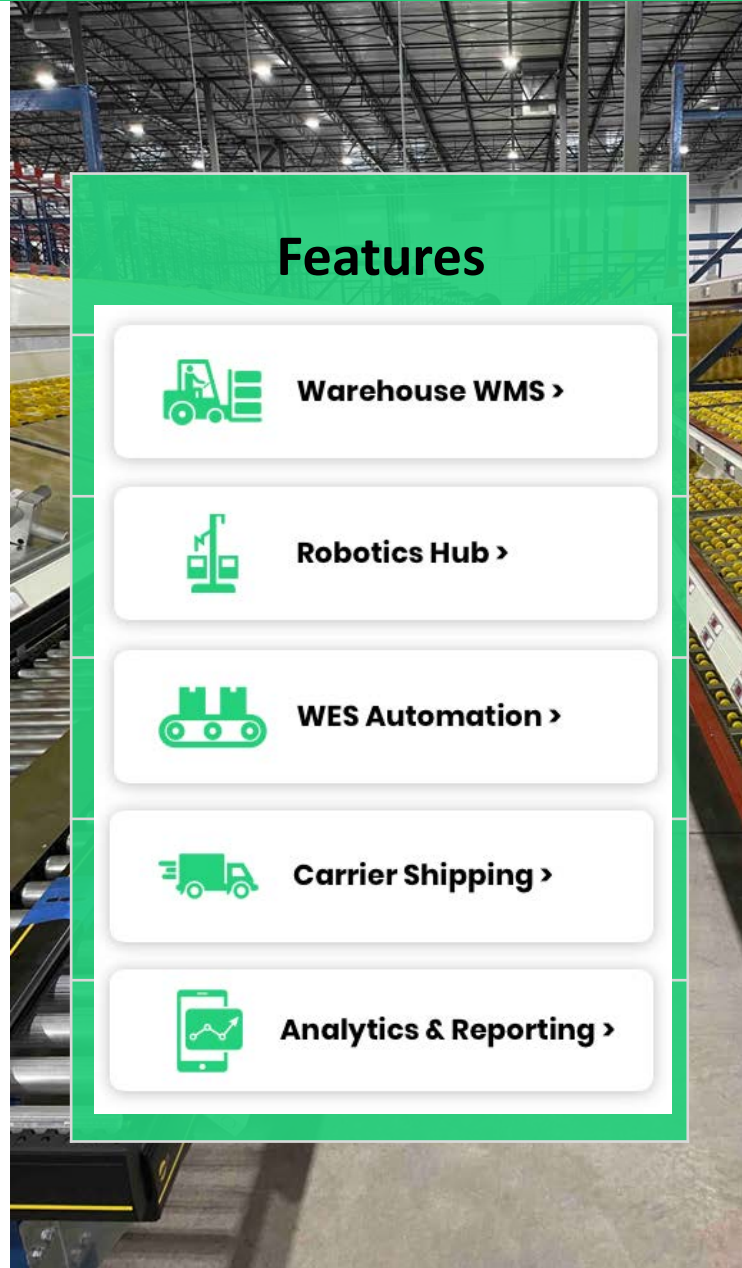
# JASCI

# Dynamic Workflow Technology

SmartTask is the industry's first workflow designer using a drag and drop micro-services toolkit to automate wall to wall fulfillment in the warehouse, directly within JASCI, our cloud-based software logistics platform. Workflows can be easily tailored without expensive and time-consuming coding projects to optimize warehouse process.

Most warehouses manually determine workflow and, in many cases, lack basic process documentation. Market changes demand that businesses have the flexibility to enable new business process to maintain or support growth. Operations are challenged to meet these demands due the complexity of changing software and time consuming to deliver.

Workflows for staff dynamically provides instructions to perform warehouse tasks directly on mobile devices.

Workflows for robotics dynamically provides instructions to perform warehouse tasks directly to warehouse robots.

## Features

- Warehouse WMS >
- Robotics Hub >
- WES Automation >
- Carrier Shipping >
- Analytics & Reporting >

# Speak to an Expert
Warehouse Management
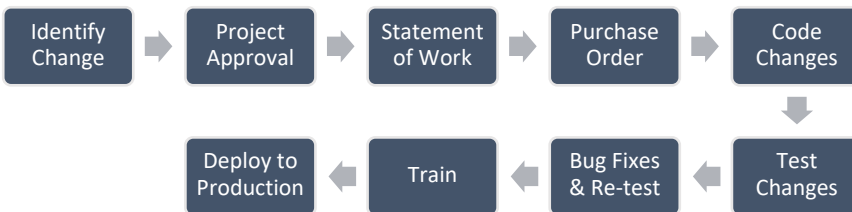
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# What is a SmartTask Workflow

With JASCI dynamic workflow, customers have the flexibility to document and enable enable new business process to maintain or support growth.

JASCI invented workflow micro-services to make it easier to implement, optimize and adapt to changes as needed. A micro-service are steps within a workflow, that defines a particular process or instruction to follow. A sequence of micro-services defines a workflow. Micro-services eliminates expensive and time-consuming coding projects, as each micro-service is a smaller executable program within JASCI.
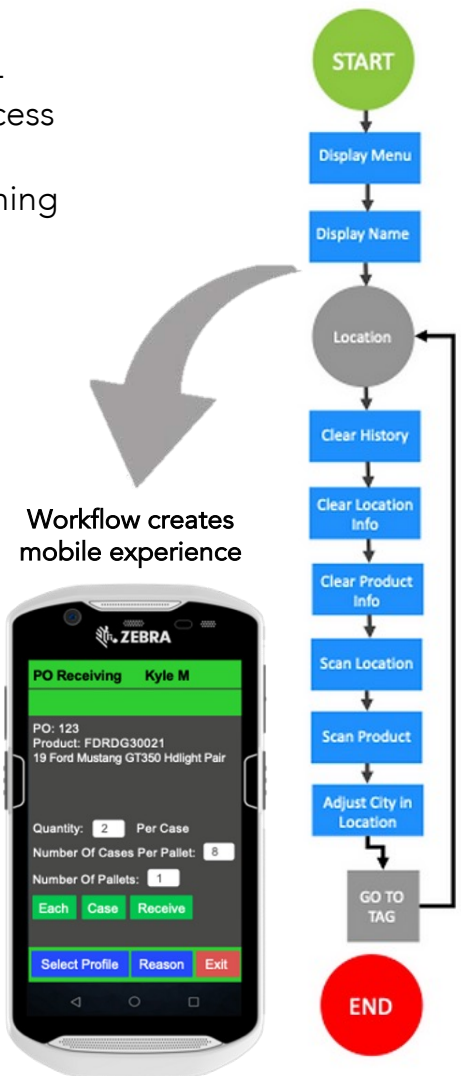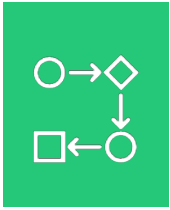
## Old Way
Time consuming and expensive process

Identify Change → Project Approval → Statement of Work → Purchase Order → Code Changes

Deploy to Production ← Train ← Bug Fixes & Re-test ← Test Changes

## New Way
Modern micro-services makes changes easy

Identify Change → Tailor Workflow → Test → Train

Workflow creates mobile experience

START
Display Menu
Display Name
Location
Clear History
Clear Location Info
Clear Product Info
Scan Location
Scan Product
Adjust City in Location
GO TO TAG
END

**PO Receiving    Kyle M**

PO: 123
Product: FDRDG30021
19 Ford Mustang GT350 Hdlight Pair

Quantity: 2   Per Case
Number Of Cases Per Pallet: 8
Number Of Pallets: 1

Each   Case   Receive

Select Profile   Reason   Exit

# Speak to an Expert
Warehouse Management

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# Workflow Templates

Workflow templates are best practice workflows pre-designed to optimize warehouse process from inbound to outbound. Workflows are modular, and can be used as needed.

Our growing library of templates provides a head-start to quicker implementations and efficiency gains for a quicker ROI. Workflow templates are optimized for 3PL, Ecommerce, Consumer Goods, Manufacturing and Retail logistics.

| | | | |
|---|---|---|---|
| **Receiving**<br>Purchase orders, ASN's, bling receipts, appointments, inspection, audits, cross-dock | **Returns**<br>Returns processing. Process RMA's faster with configurable dispositions. Return to stock | **Put-Away**<br>Smart decision logic directs put-away workflows optimize the process with speed, accuracy | **Dynamic Slotting**<br>Intelligent dynamic slotting technology optimizes space, speed & accuracy |
| **Inventory**<br>Manage all inventory & locations with multiple UOM, lot, serial and date controls. | **Replenishment**<br>Replenishment features with real-time min/max triggers, days of supply & UOM | **Location Audits**<br>Real-time automated inventory audits without manual decisions | **Cycle Counts**<br>Directed cycle counting to auto generate directed cycle counts throughout the warehouse |
| **Orders**<br>Order management capabilities to manage, prioritize, change & cancel orders across locations | **Allocation**<br>Configurable allocation rules of inventory across the warehouse for orders & backorders | **Cartonization**<br>Intelligently determines size of orders for perfect fit to cartons, totes and pallets in real-time | **Streaming**<br>AI software prioritizes & optimize orders fulfillment without manual decisions |
| **Routes**<br>For B2B operations, JASCI smartly groups orders to routes and generates assignments | **Order Picking**<br>Smartly automates order picking with multiple picking methodologies | **Put-Walls**<br>Wizards for configuring put-walls to sort & aggregate batch picked items | **Put-to-Pallet**<br>Wizards for configuring put-pallets to sort & aggregate batch picked cases |
| **Packing**<br>Pack orders using advance cartonization logic. Pack single item and multi-item orders | **Parcel Shipping**<br>Integrated parcel carrier shipping & rate shopping carriers in real-time | **LTL Shipping**<br>Connectors for shipping on LTL & FTL. Rate shop carriers with your negotiated rates | **Dock**<br>Visual dock management displaying staging, dock doors and trailers/trucks |
| **Kitting & Sets**<br>Capabilities to create and perform kitting and sets functions within JASCI | **VAS Logic**<br>Configurable workflows for value added services for compliance functions | **Labels & BOL**<br>Compliance label capability and standardized bill of lading documents | **Labor**<br>Built-in labor management with gamification. Real-time leaderboards & reporting |

# Workflow Performance & Reporting

As SmartTask workflows are utilized, performance metrics are gathered in real-time for labor, robotics and process within the warehouse.



## Outbound Reporting

- Outbound Dashboard
- Open Picks- All
- Open Picks by Work Type
- Open Picks by Work Zone
- Open Picks by Zone and Type
- Picked not Shipped - By Work Type
- Shipments – Total
- Shipments by Work Type
- Shipments by Carrier
- Picked not Shipped - By Sales Order
- Shipments with Product Details
- Freight Detail Report

JASCI has created the industry's first embedded data warehouse within our application to make reporting easier than ever. A full data repository that is updated within 10 seconds of all transactions in the platform.

Dozens pf best practice reports and dashboards to provide 360 view of your operations, performance and data. Reporting from inbound to outbound, including labor management.

Customers can customize reports, make them private or public.  Share reports via email or download in multiple formats.  Authority and settings to ensure data is secure.