

Orchestrator

Work Queue Module Accuracy. Real-Time.



Orchestrator, by Rush Tracking Systems, is a real-time a work queue management module for Auto ID lift trucks. Orchestrator integrates with existing WMS and ERP applications streamlining the distribution and execution of work instructions to drivers. These capabilities provide the tools allowing for centralized lift truck management and enablement of a shared-services approach for fleet management.

Orchestrator takes the searching out of work order fulfillment by providing lift truck drivers the information they need to complete material movement instructions quickly and error-free. Orchestrator displays to the driver the specific location of the inventory for the next work instruction, validates they have the correct item and sends an alert should an incorrect pick be attempted. The increased inventory accuracy, which in turn leads to less searching, cycle counting and mis-ships, results in 10-20% reduction in labor and trucks.

Product features

ERP Integration Integrates to your ERP and provides electronic pick lists to your fleet of drivers

Eliminate Searching VisiblEdge knows where your inventory is located allowing Orchestrator to direct your drivers to the exact location for pickups

Driver Flexibility Automatic work instruction delivery with configurable work queue filters.

Error Proof Processes Verification that work instructions are completed correctly.

Eliminate Barcode Scanning The truck load and it's location are automatically collected without human intervention.

Workflow Configurability Highly configurable workflow allowing software to support your operational processes

From	To	Part Number	EPC (last 6 digits)
<input checked="" type="radio"/> STAGE-001	Storage	PN10002	..B00001
From	To	Part Number	EPC (last 6 digits)
<input checked="" type="radio"/> B4-302	STAGE-001	PN00003	...B00023
<input checked="" type="radio"/> B4-205	STAGE-001	PN00004	...B34802
<input type="radio"/> B5-105	STAGE-001	PN00005	...B00004
<input type="radio"/> B4-106	STAGE-001	PN00006	...B00333
<input type="radio"/> B4-107	STAGE-001	PN00007	...D03002
<input checked="" type="radio"/> B5-305	STAGE-001	PN00008	...C00022
<input checked="" type="radio"/> B4-405	STAGE-001	PN00009	

Back Refresh

Queue view of work instructions filtered by pick-up and destination location of load. Other filtering options available. Correctional work instructions in red.

VE Controller

Features

Device Management	Manages the configuration and health of the RFID reader, camera, and sensory devices.
Event Management	Manages data collection of devices and translates observations to business events including: event type, payload, location, timestamp, and truck ID.
Notifications	Triggers notifications to the Edge Viewer and other backend systems based on event triggers. Flexible interface architecture integrates to MES, ERP, and middleware applications.
Message Queuing	Stores and caches events should network connectivity be unavailable. Forwards messages once connectivity is reestablished.

Work Queue Interface

Features

Filtering Capabilities	Driver ability to select work instructions by work type (shipping, receiving), proximity to nearest storage or pick location, or by shipment/delivery number. Filters are configurable by administrator.
Work Instruction Viewer	Queue provides driver feedback of items selected match that of the ERP imported work instructions
Correctional Work Instructions	Queue provides work instructions to correct mistakes so that the completed movements match the ERP imported work instructions

About Rush Tracking Systems

Rush Tracking Systems is a market leading award winning provider of RFID enabled tracking solutions with deep expertise in business case development, business process reengineering, RFID hardware and software technology, systems integration and support.

Rush Tracking is a turn key solution provider offering supply chain consulting services, hardware, software, integration and support services to forward leaning organizations looking to leverage tracking technologies to improve business performance.

Rush Tracking focuses on Fortune 500 companies who specialize in the industrial manufacturing, pharmaceutical, consumer packaged goods / food, pulp and paper, and petrochemical industries.



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