

# **EZ-Workdesk** Warehouse Automation Solution



## Capture

Capture information from the physical package.

- Barcodes
- RFID
- Sender Information
- Recipient Information
- Dimensions
- Weight



## Decide

Communicate captured information with your data systems and business rules.

- Order value
- Customer loyalty
- Complimentary products
- Mode of transport
- Speed of transport
- Mode of delivery
- Internal Routing
- Shelf location
- Logistics sorting
- Package dating
- Global commerce rules
- SKU mapping



## Act

Execute decisions made in your business logic.

- Pass decision data to downstream systems
- Print & format shipping or routing labels & packing slips
- Identify packages for tracking
- Address, Sort, or Route

Expedite your packages with the

# **EZ-WorkDesk** Warehouse Automation

Do your OMS, WMS & TMS speak the same language? Eii's automated decision making solutions simplify the translation process.

The **EZ-Workdesk** System is a hardware platform that enables the application of technology, software, and hardware to your workflow.

We capture what you don't know, combine it with what you know and create an output: **Capture, Decide, Act!** 





OCR Seamlessly convert printed addresses into verifiable data.

Dimensioning

Dimension packages as you capture weight and barcode data.

# Pre-integrated device functionality improves throughput in your operation.

- · Parallel processing enhances workflow efficiency
  - OCR (optical character reading) technology enables text capture
  - Wide Area Barcode Reader provides for account specific rules, encompasses a wide range of barcode types including 2D
  - Leverage RFID for high security applications
  - Dimensioning captures length, width, and height for dimensional weight pricing and space management
  - Scale weighs from 1 ounce to 70 pounds
- Software interfaces package data with business logic for labeling, routing, and customer billing
- Outputs carrier specific labels and formatted packing slips
- Plug and play printer options for single and duplex label printing.



Polybags Ravioli Packs Bubble Wrap Tyvex

Boxes of all Sizes Flats Envelopes

# Components

**Package Types** 

IMpb Solution 60-Pound Scale OCR Technology Dimensioning Hand-held Laser Scanner Label Printer Touch Screen Monitor Parcel Sorting

#### **Sorting & Routing**

#### Inbound

- · Capture package data and contents for induction into your WMS
- Output SKU location information

#### Outbound

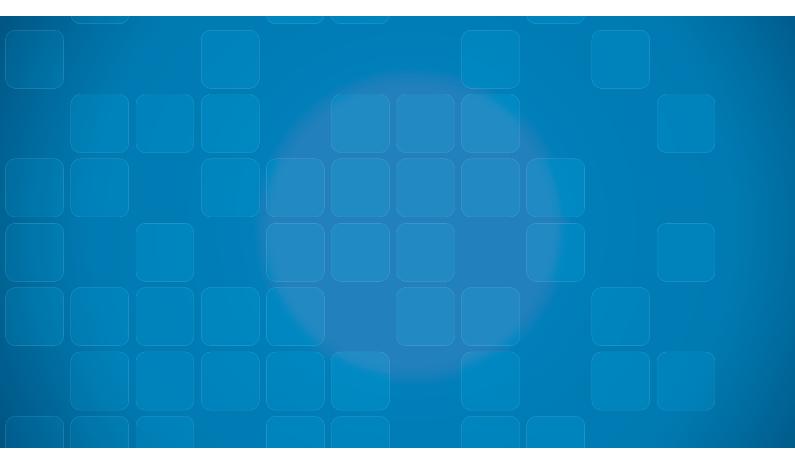
- Direct outgoing shipments to independent carriers
- Leverage Eii's postal knowledge for induction into USPS

#### **Scan Print & Apply**

- Read package "license plate"
- Communicate with business logic
- · Generate formatted and correct information onto a label

#### **Reverse Logistics**

- · Receive returned items back into inventory or spoilage
- Update OMS and relevant databases



Engineering Innovation, Inc. 3601 Sagamore Pkwy N., Suite Eii Lafayette, IN 47904-5041

Phone: 800.350.6450 Email: sales@eii-online.com web: www.eii-online.com © Copyright 2021 Engineering Innovation, Inc. All rights reserved. *EZ-Flats* is trademark of Engineering Innovation, Inc. All other trademarks are the property of their respective holders.