

ENGINEERING
i n n o v a t i o n

Sorting & Routing
Scan, Print & Apply
Reverse Logistics
Inbound



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!**



The most cost effective solution for rapid parcel processing in your shipping environment.

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800.350.6450 | sales@eii-online.com



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.



Package Types

Polybags
Ravioli Packs
Bubble Wrap
Tyvex

Boxes of all Sizes
Flats
Envelopes



Components

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

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