PYRAMID

CONTINUOUS
INTELLIGENT
OPERATIONS

Pre-Engineered Direct-to-Consumer Solutions

Complete Distribution Center Solutions

Pyramid views automated fulfillment centers as the unification of operations, data, and material handling equipment. Each piece functions collaboratively to maximize material handling efficiency. Pyramid's integrated systems architecture facilitates communication between different areas of a DC, enabling operations to be balanced based on rate and projected workflow. Pyramid provides configurations of pre-engineered automation software and controls packages.

Business Intelligence

Receiving Operations

CIO CONTINUOUS INTELLIGENT OPERATIONS

Control Solutions

Loop Sorter

KPIs

Continuous Pick Planning

Packing Slip Print/Insert

Order Selection

Picking

Put Walls

Label Print And Apply

Continuous Intelligent Operations

Receiving Processes
- Advanced shipping notices
- Audit
- VAS
- Auto check-in with inventory updates
- Cubing
- Weighing

Shipping
- Advanced shipping notices
- Parcel weight and cubes
- Coordinates efficient ship times with any carrier service
- Trailer manifest
- Carrier manifest

Finishing
- Prepares orders for shipment to customer
- Real-time rate shipping
- Shipping label print-and-apply
- Packing slip print/Auto-Insertion
- Label print-and-apply
- Value added services
- Promotional material auto-insert

Inventory
- Shelf management
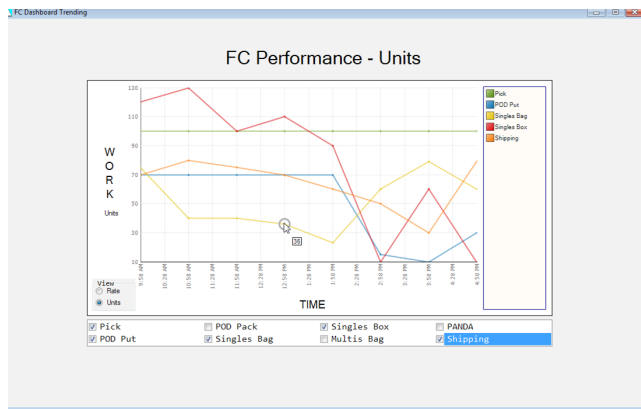- AS/RS
- Pallet

Picking
- Ergonomic and efficient
- Continuous order picking
- Dynamic pick selection
- Cart pick - multi tote
- Route management
- Labor tracking and management
- Directed picking

Order Sortation
- Continuous multi-stage sorting
- Tilt-tray
- Put walls
- Loop sorters— crossbelt, bombay and tilttray

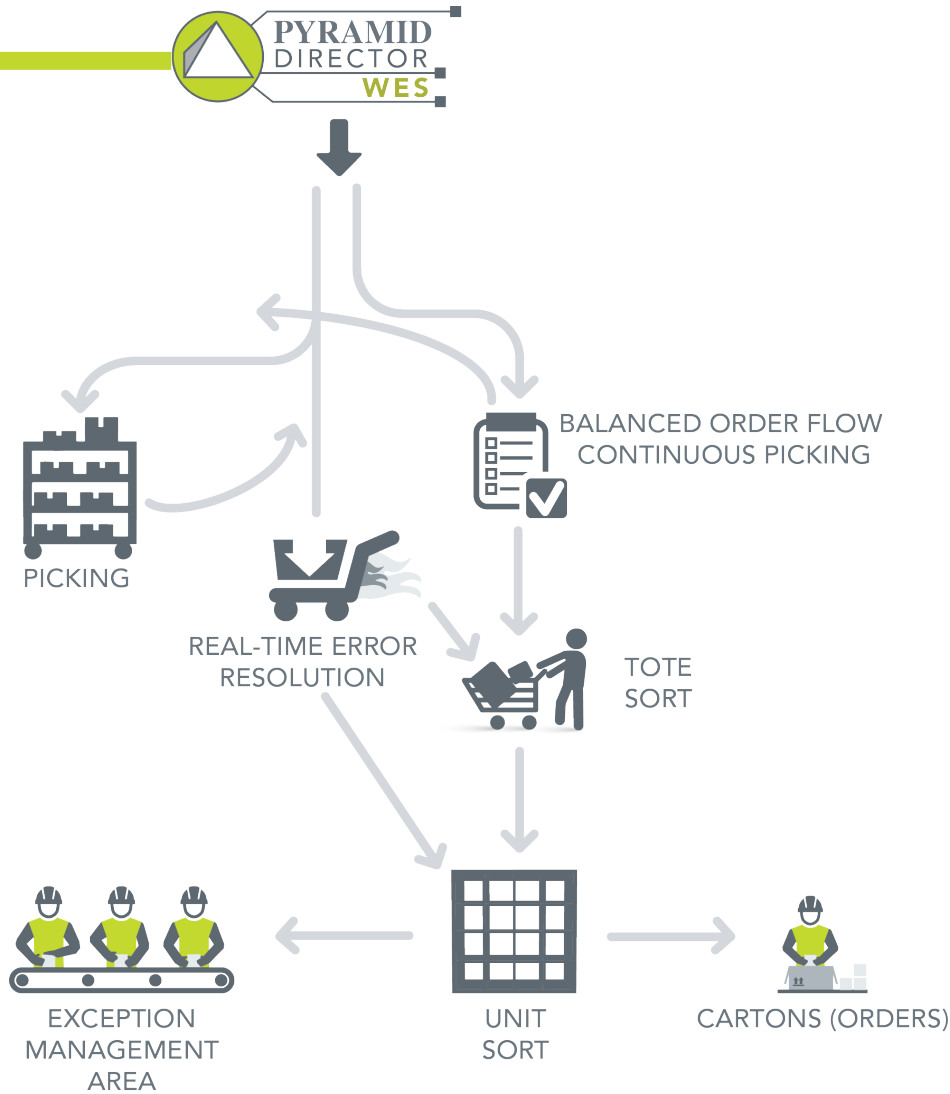# Direct-to-Consumer Solutions

Increased Business Intelligence

Pyramid's method of creating DC solutions is centered around increased business intelligence. Easy to read screens provide visibility into inventory, labor, process and equipment status.

- KPI reports
- Continuous measurements
- Exception management
- Precise inventory view of status and location down to each unit, wave and batch
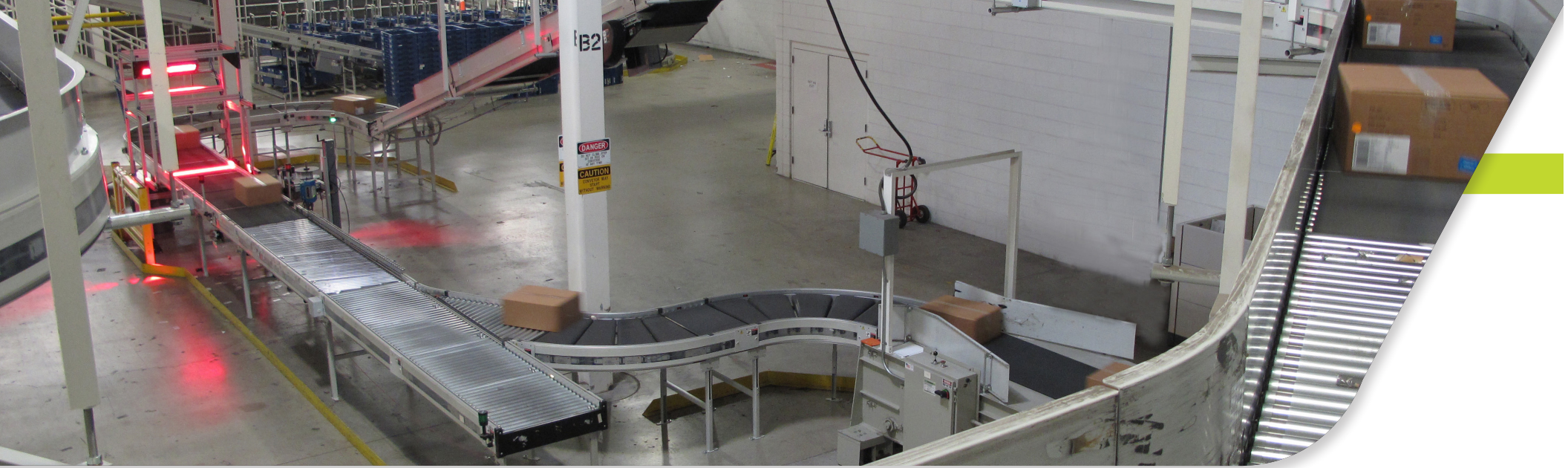
Benefits

- Cohesive system management
- Balanced, continuous workflow
- Omniscient system analysis
- Enhanced order flow, accuracy and fulfillment speed
- Beginning-to-end system synchronization

PYRAMID DIRECTOR WES

PICKING

BALANCED ORDER FLOW
CONTINUOUS PICKING

REAL-TIME ERROR
RESOLUTION

TOTE
SORT

EXCEPTION
MANAGEMENT
AREA

UNIT
SORT

CARTONS (ORDERS)

- Seamless integration to CIO WES

- Real-time MHE management

- Request hot picks from inventory

- Hot pick exception resolution

- Customizable management based on SLA requirements

- Routing management seamless MHE integration

- Loop sorter, put walls and more

- Packing slip insertion, rate shopping, shipping label print-and-apply

- Real-time resolution

"During the past 16 years I have had the opportunity to work with Pyramid on a wide variety of distribution/logistics automation projects for retail and direct-to-consumer applications that have included: warehouse control systems (WCS); automated label print-and-apply systems; transportation logistics support systems; automated scan, cube, & weigh systems; high-speed sorter & merge supervision/control; HMI (graphics) systems; standard conveyor controls. Pyramid's unique combination of price, performance, quality, commitment, and long term service/support has made them consistently a vendor of choice and, more importantly, a strategic business partner."
-Carlos Cherubin, Senior Vice President & CIO, DSW, Inc. (Retired)

Decades of experience implementing sorter and MHE equipment have now been incorporated into one pre-packaged solution.

MDR Solutions

Out of the box applications for all major brands:

TGW Multibelt Matrix
Dematic
Intelligrated
Automotion/Wynright

Shrink-Wrapped Sortation

Common across all sorter platforms.

Open interface to control system.

Optional shipping solutions.

Print-and-Apply

Shop-tested, standardized interface.

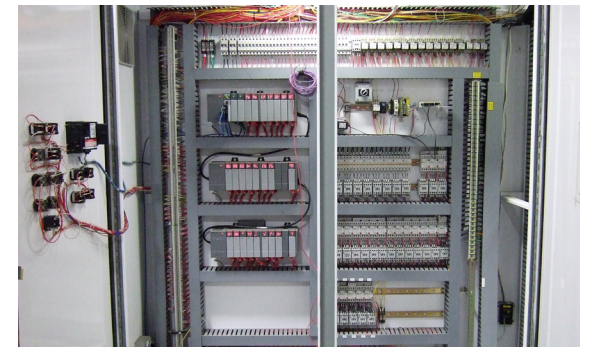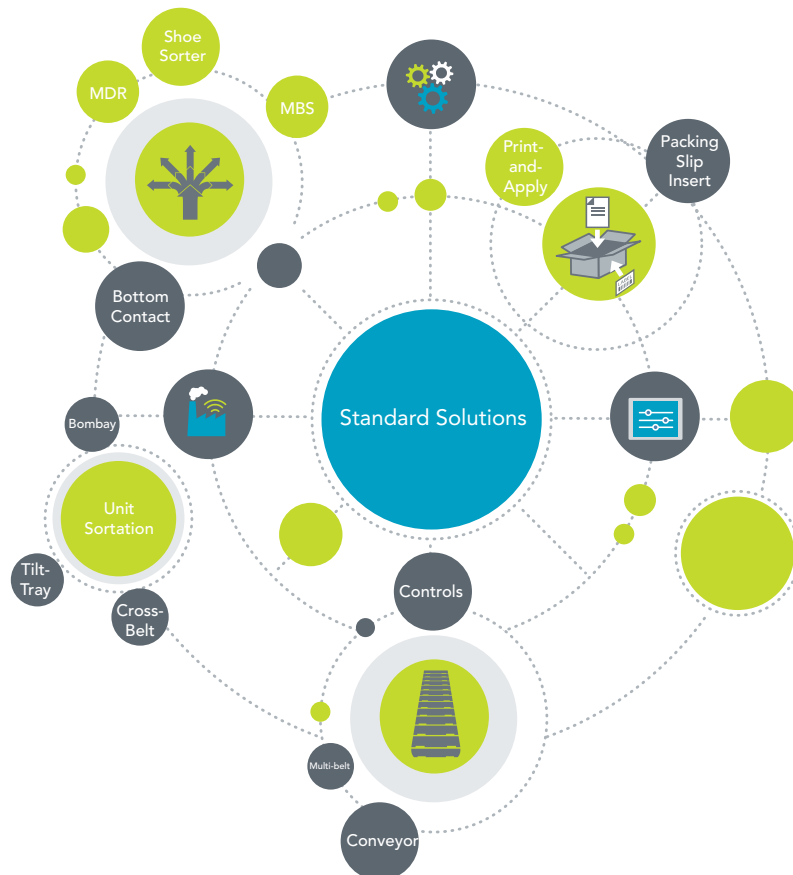Drop-in solution installed in one day.

Order finishing systems.

"In our business it's critical to maintain cost and minimize operational downtime. Pyramid's customer service hotline and staff has been exceptional when we needed them the most. This alone separates Pyramid from all the others. Finish Line has experienced great return on investment with each project."

- Bob Edwards
Senior Vice President
of Distribution
Finish Line

Integrated MHE Controls

Instant Control Solutions

Pyramid controllers provide a strong foundation of off-the-rack Allen Bradley/ Rockwell Automation programmable logic controller (PLC) technology. Pre-engineered controls completely integrate with other control systems, regardless of application, equipment or OEM brand.

Shoe Sorter
MDR
MBS
Print-and-Apply
Packing Slip Insert
Bottom Contact
Bombay
Standard Solutions
Unit Sortation
Tilt-Tray
Cross-Belt
Controls
Multi-belt
Conveyor

DANGER HIGH VOLTAGE

Rockwell Automation
Solution Partner

PYRAMID

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For the implementation of any software or controls application, Pyramid offers a full line of professional services:

- Project management
- Design
- Engineering
- Panel build
- Installation and field wiring
- Educational training
- Commissioning
- 24/7/365 "Go Live" and post implementation customer support

24/7/365 Support
Toll Free: 800.679.7274

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