An Exacta WCS is a turn-key solution for complete warehouse interconnectivity.

Pick to Light is a popular and time tested solution that increases accuracy and productivity up to 5x faster than a traditional paper system.

Increase speed of order fulfillment with the high-throughput rates of the Perfect Pick system. IBOTS are engineered to move vertically and horizontally through the aisle for ultimate efficiency.

As your business evolves and grows, the tools you employ to accomplish your goals need to change along with you.

The Exacta Warehouse Control System (WCS) includes automation control as well as modules of functionality typically found within a warehouse management system. To efficiently direct and manage processing, the Exacta WCS easily integrates with order fulfillment technologies, material handling equipment, and higher level software systems providing turnkey solutions in a variety of industries. Exacta WCS is the critical link between all of these individual components providing users with the right tools for planning, managing, monitoring and controlling activities in your evolving fulfillment landscape.

Exacta WCS is a hardware independent software solution, giving you complete purchasing flexibility for your order fulfillment and material handling equipment needs allowing technology selections to be tailored to your needs. In addition, the Exacta WCS integrates easily with existing material handling equipment systems, not just new installations. As your operation or system evolves with business demands, Exacta can accommodate simple, less costly expansion. Let the Exacta WCS coordinate and optimize your warehouse.

The Exacta WCS contains order fulfillment solutions to enhance and improve order processing within your operation. Exacta’s solutions include applications for picking, replenishment, kitting, pack, order consolidation, and pallet management.

To further streamline operations, Exacta provides centralized control of multiple types of order fulfillment technologies. The process is simple: You keep a single point of communication to your host system and simply add the technology and soft ware module for your choice of fulfillment equipment. The order fulfillment piece of the Exacta WCS can be used independently or in combination with automation control.
Activation Control

Increase Throughput

The Exacta Warehouse Control System provides customers with control of automation technologies, such as conveyors, automated storage and retrieval systems, pick to light, put to light, and carousels. With an interface capable of supporting any PLC or PC-based controls system, real-time information on product movement is used to synchronize the flow of materials from the pick areas, through value-add processes and out to the shipping dock. See below for more details on some of the additional automation that can be managed with the Exacta warehouse control system.

- Conveyor Routing
- Sortation Control
- Robotic Picking and Palletizing
- In-line Scales
- Print & Apply
- Automated Palletizers
- Automated Storage & Retrieval (AS/RS)

Conveyor Systems can be used in a variety of environments, offering benefits such as the ability to move loads of all shapes, and sizes.

Sortation systems are designed to handle diverse products while providing highly accurate results.

Industrial robots automate processes, allowing you to increase throughput and protect your employees against dangerous conditions.

AS/RS technology helps reduce expenses by improving organization, optimizing storage space and using less parts than typical storage methods.

Inline scales help ensure that packages are accurately sent to where they need to go.

Planning

Optimize Your Workflow

Sequencing and balancing work throughout your warehouse so orders arrive when and where they are expected is a constant challenge. Operations that employ different methods of order fulfillment technologies as well as workforces have the additional burden of balancing the work of each. The Exacta WCS planning suite provides your team with the tools to maximize operations, increase productivity and realize significant cost savings. Having clear visibility to work in all areas gives managers the information they need at their fingertips.

Planning Modules

- Wave Building
  - Minimize operating costs by implementing intelligent waving methods.
- Order Cubing
  - Stop paying to ship air and minimize shipping costs by selecting the correct shipping box & delivery method.
- Inventory Tracking
  - Inventory management features are available in Exacta that are typically found in warehouse management systems.
- Labor Planning
  - Allows managers to plan and adjust for fluctuations in staffing and volume.
- Workload Balancing
  - Intelligently creates order sequences and recommends labor divisions to balance your operations.

Exacta will increase revenue, reduce costs, and improve overall efficiency.
Visibility To System Processes

Managing your operations effectively requires supply chain software with real-time visibility to balance the workload and exception alerts to handle small problems before they can worsen. The Exacta WCS has standard tools to help monitor and track work flow, system up time, and provide alerts to problems. To give you the information you want when you want it, all system tools are available on your mobile devices.

Dashboard:

Exacta’s suite of browser-based analytic tools help you quickly and easily answer questions about operations

- Will shipping deadlines be met?
- Is picking balanced across all work areas?
- How are operators performing?
- Do I have the appropriate number of operators allocated to processing areas?

The dashboard allows you to create and save custom views of key performance indicator (KPI) charts that make the most sense to your operation. Simply click the appropriate button to print, email or export a chart. Exacta’s analytics dashboard not only shows a historical view of your operation, but it also helps pinpoint areas in which to gain efficiency and helps plan for future growth.

Stay on Top — All the Time:

Knowing that your system is running smoothly is reassuring—and having proof is even better. Exacta keeps you updated through monitoring and alert management tools that track system process and services. You will receive immediate notification of any issues, as Exacta logs the event and sends out an alert via email. With an eagle’s eye view of the operation, Exacta also provides notifications on the vitality of your overall system with daily and weekly statistics and historical reporting.

Pacing Screens:

Pacing screens provide instant feedback directly to operators on whether they are ahead, behind, or on pace while operating. Pacing screens may be placed in any major area to help operators keep up with the current demand of the day’s activities.

- Will shipping deadlines be met?
- Is picking balanced across all work areas?
- How are operators performing?
- Do I have the appropriate number of operators allocated to processing areas?

The Exacta WCS is designed to easily connect to existing systems within your enterprise. Exacta provides standard interface protocols for major ERP, MRP, WMS, and TMS suppliers (as well as homegrown systems) effectively reducing risk and impact on your IT resources. The architecture of the Exacta suite allows customers to meet different communication requirements in real-time or batched interface designs. This interface component offers protection against connection disruptions by removing the communication from the processing of transactions, maximizing uptime in your operations.

The Exacta Warehouse Control System is your solution for a modular, expandable system.

Bastian Solutions offers a complete turn-key solution to provide you with the resources and tools to ensure your return on investment.
A Warehouse Execution System (WES) is a hybrid software system that shares functions from both traditional WMS and WCS. A WES is capable of coordinating labor and equipment usage through dynamic optimization using real time inputs providing system level views only available through centralized system control. Operators can apply the knowledge gained from the WES reporting features to optimize the operations of the distribution center and the system itself can alter based on dynamic factors.

Inventory Tracking
Inventory management features are available in Exacta that are typically found in warehouse management systems.

Location Management
Have complete control and visibility within a facility of current inventory and provide location and replenishment updates.

Wave Building
Minimize operating costs by implementing intelligent waving methods.

Order Release
Help maximize throughputs and balance work with intelligent grouping, batching, and prioritizing of orders for release to the system.

Workload Balancing
Intelligently creates order sequences and recommends labor divisions to balance your operations.

The Exacta WES communicates with automation and goods-to-person technology like Perfect Pick (picture above).

The Exacta WES is a modular system that allows the user to pick & choose which modules are needed based on set requirements. Exacta allows the option to expand and grow along with your business needs.

Let us help find the right solution for you

The Next Evolution in Warehouse Software

How Does WES Compare?

Inventory Tracking
Location Management
Wave Building
Order Release
Workload Balancing
Conveyor Routing
Sortation
Automation Control & Interface
Product Movement
Inline Scales
Print & Apply
Receiving & Shipping
Transportation Management
Quality Control
Order Cubing
Packing
Labor Management
Order Release

Picking

Inventory Control
Location Management
Wave Management
Order Release

The Exacta WES is a modular system that allows the user to pick & choose which modules are needed based on set requirements. Exacta allows the option to expand and grow along with your business needs.
Customer Support

24/7 Service

At Bastian Solutions, we realize your material handling system is the backbone of your business, and you want to do everything in your power to minimize downtime.

Our 24/7 Service Technicians are experts in maintaining and servicing all forms of software and controls. Our ticket tracking service tracks issue resolution and storage based on our web client service.

Features & Benefits:

- Support for all technical inquiries.
- Priority handling of emergency situations.
- Continuity of operations - Immediate access to a knowledgeable after sales support staff to quickly resolve software related issues and maintain system up time.
- Software escrowing—Your source code is sent to an off site facility for safe keeping in the event of a major catastrophe.
- Bastian expertise on 3rd party components—Access to additional Bastian resources in controls, networking, server configuration, database administration, etc. to supplement your own resource.

Support Response Times:

Email: 24 hours
Phone: Less than 15 minutes

Case Studies

Bastian Solutions has experience providing automated material handling systems for over 8,000 active customers throughout the world. Our industrial automation expertise helps our customers across industries achieve their automation goals.

Amway

Amway is a leading direct seller of nutrition, wellness, beauty, and home care products—needed to streamline operations to increase efficiencies and improve customer experience. Technology included: automated material handling system, Exacta Warehouse Control and Management System, voice- and light-directed picking technologies.

Southern Wine & Spirits

Southern Wine & Spirits of America is the largest wine and spirits distributor in the United States with operations in 35 states. Southern Wine & Spirits turned to Bastian Solutions for their newest distribution center in Shakopee, MN to improve picking operations and throughput using Exacta WCS software.

iHerb

Bastian helped iHerb.com create an entirely new system to augment order fulfillment. iHerb is the first major installation of the OPEX Perfect Pick AS/RS, an energy efficient goods to person picking and stocking solution and a ZiPLine conveyor system. All of the automation is controlled by the Exacta WCS software.
Some of Our Clients

Healthcare
- Sidra Medical Research Center
- CVS/Pharmacy
- Qatar Foundation
- Eli Lilly

Chemicals
- Asian Paints
- BASF
- Du Pont
- Blue Rhino

Electronics
- AT&T
- Technicolor
- Garmin
- Epson

Parcels
- USPS
- DHL
- FedEx

Apparel & Retail
- Fruit of the Loom
- Citi Trends
- Timberland
- Dick’s Sporting Goods

Food & Beverage
- Starbucks Coffee
- Pepsi
- Anheuser-Busch
- Kellogg’s

General Commodities
- Unilever
- Proctor & Gamble
- Amway
- Conair

Automotive & Aerospace
- Mitsubishi Electric
- Honda
- Rolls-Royce
- SMC

To view contact information for each office, please visit www.bastiansolutions.com/about/global-office-locations or send us an email at info@bastiansolutions.com.